

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115101.D
 Acq On : 22 Jun 2019 1:50
 Operator : HP/JU
 Sample : PB120818BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:59:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	282611	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1123951	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	558476	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1105002	20.00	ng	0.00
76) Chrysene-d12	13.74	240	769518	20.00	ng	0.00
87) Perylene-d12	15.11	264	806977	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	2189694	119.57	ng	0.02
7) Phenol-d6	6.26	99	2690828	121.05	ng	0.00
23) Nitrobenzene-d5	7.18	82	1672716	91.55	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	755894	128.35	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3022698	91.94	ng	0.00
79) Terphenyl-d14	12.71	244	3211871	88.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	294212	34.040	ng	99
3) Pyridine	2.94	79	842497	34.584	ng	98
4) n-Nitrosodimethylamine	2.89	42	368584	38.595	ng	100
6) Aniline	6.28	93	712701	23.329	ng	# 15
8) 2-Chlorophenol	6.40	128	834452	40.522	ng	99
9) Benzaldehyde	6.15	77	227466	15.685	ng	98
10) Phenol	6.27	94	973815	37.400	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	766973	39.960	ng	99
12) 1,3-Dichlorobenzene	6.55	146	897232	39.259	ng	98
13) 1,4-Dichlorobenzene	6.63	146	902115	39.364	ng	98
14) 1,2-Dichlorobenzene	6.79	146	830157	39.116	ng	98
15) Benzyl Alcohol	6.77	79	639356	39.501	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1115536	40.073	ng	99
17) 2-Methylphenol	6.88	107	724943	42.649	ng	100
18) Hexachloroethane	7.13	117	329467	39.877	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	567256	39.861	ng	98
20) 3+4-Methylphenols	7.04	107	812052	41.374	ng	# 87
22) Acetophenone	7.03	105	1122628	43.629	ng	# 99
24) Nitrobenzene	7.20	77	864893	42.968	ng	97
25) Isophorone	7.44	82	1621076	43.311	ng	100
26) 2-Nitrophenol	7.51	139	466218	46.901	ng	97
27) 2,4-Dimethylphenol	7.57	122	794590	48.821	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	1007906	42.605	ng	99
29) 2,4-Dichlorophenol	7.75	162	750972	44.711	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	794031	42.799	ng	99
31) Naphthalene	7.92	128	2386446	43.255	ng	99
32) Benzoic acid	7.71	122	614901	52.928	ng	99
33) 4-Chloroaniline	7.97	127	397056	15.747	ng	99
34) Hexachlorobutadiene	8.05	225	426278	41.928	ng	99
35) Caprolactam	8.35	113	137376	24.327	ng	94
36) 4-Chloro-3-methylphenol	8.46	107	750531	44.123	ng	99
37) 2-Methylnaphthalene	8.61	142	1657948	44.569	ng	99
38) 1-Methylnaphthalene	8.71	142	1564158	44.026	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	665123	42.146	ng	99

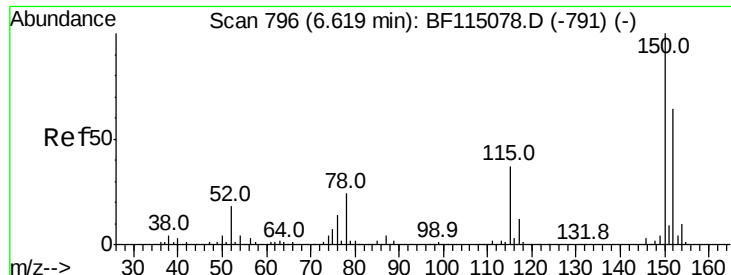
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	724239	77.393	ng	98
43) 2,4,6-Trichlorophenol	8.89	196	552990	45.387	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	555365	44.262	ng	98
46) 1,1'-Biphenyl	9.08	154	1875004	41.960	ng	98
47) 2-Chloronaphthalene	9.10	162	1529223	42.189	ng	97
48) 2-Nitroaniline	9.19	65	458036	43.343	ng	95
49) Acenaphthylene	9.51	152	2382251	42.183	ng	99
50) Dimethylphthalate	9.39	163	1756641	42.753	ng	99
51) 2,6-Dinitrotoluene	9.44	165	428482	45.170	ng	99
52) Acenaphthene	9.68	154	1648590	46.651	ng	99
53) 3-Nitroaniline	9.60	138	307745	26.585	ng	92
54) 2,4-Dinitrophenol	9.71	184	447282	90.566	ng	97
55) Dibenzofuran	9.85	168	2099463	41.393	ng	98
56) 4-Nitrophenol	9.77	139	789331	85.052	ng	95
57) 2,4-Dinitrotoluene	9.84	165	571988	46.699	ng	# 87
58) Fluorene	10.20	166	1428420	41.836	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	480752	45.694	ng	99
60) Diethylphthalate	10.09	149	1789128	43.318	ng	98
61) 4-Chlorophenyl-phenylether	10.19	204	688013	42.494	ng	95
62) 4-Nitroaniline	10.22	138	480638	41.388	ng	99
63) Azobenzene	10.35	77	1671122	43.318	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	269862	46.116	ng	86
66) n-Nitrosodiphenylamine	10.31	169	1487925	43.221	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	502154	41.914	ng	96
68) Hexachlorobenzene	10.74	284	550237	42.313	ng	# 92
69) Atrazine	10.84	200	476295	43.009	ng	99
70) Pentachlorophenol	10.93	266	654011	78.944	ng	97
71) Phenanthrene	11.15	178	2344421	39.405	ng	99
72) Anthracene	11.20	178	2449045	40.779	ng	98
73) Carbazole	11.35	167	2239551	41.761	ng	98
74) Di-n-butylphthalate	11.70	149	2608776	42.097	ng	98
75) Fluoranthene	12.32	202	2470341	41.616	ng	99
77) Benzidine	12.44	184	521221	15.254	ng	99
78) Pyrene	12.55	202	2506916	42.391	ng	98
80) Butylbenzylphthalate	13.19	149	1179289	45.187	ng	94
81) Benzo(a)anthracene	13.73	228	2287771	41.434	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	575464	28.861	ng	99
83) Chrysene	13.77	228	2142752	42.365	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1560718	45.639	ng	100
85) Di-n-octyl phthalate	14.37	149	2626706	45.716	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2684613	44.856	ng	99
88) Benzo(b)fluoranthene	14.74	252	2413295	47.928	ng	98
89) Benzo(k)fluoranthene	14.77	252	2235391	49.504	ng	100
90) Benzo(a)pyrene	15.06	252	2301694	50.716	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	2202073	51.974	ng	99
92) Benzo(g,h,i)perylene	16.78	276	2261370	52.735	ng	99

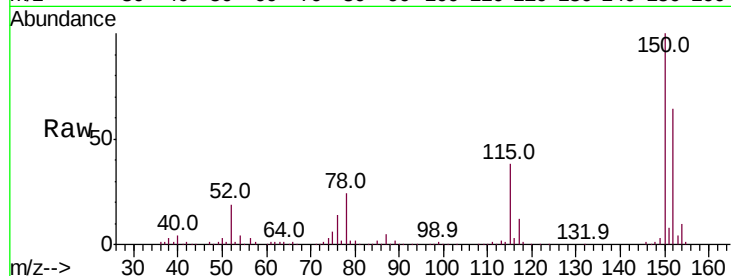
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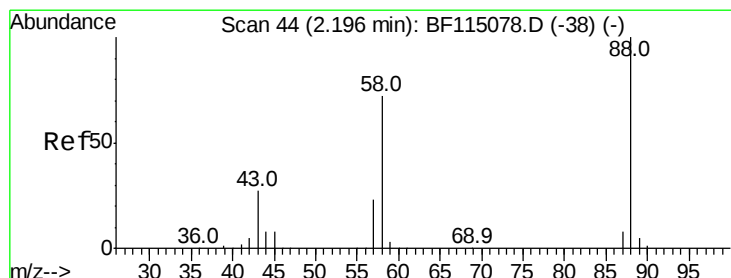
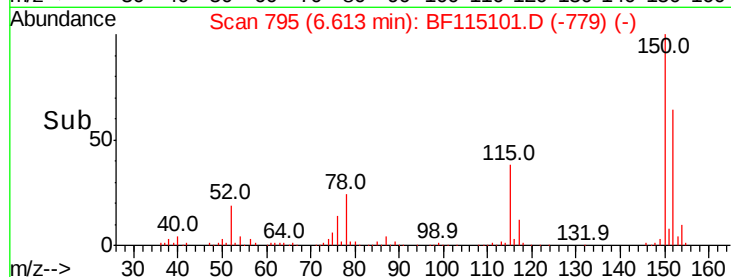
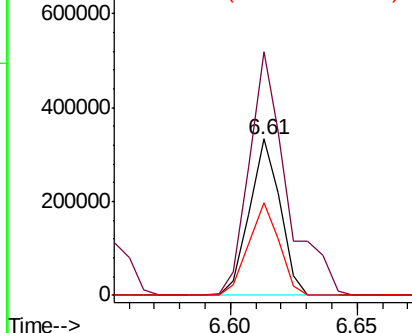
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	59.0	46.1	69.1

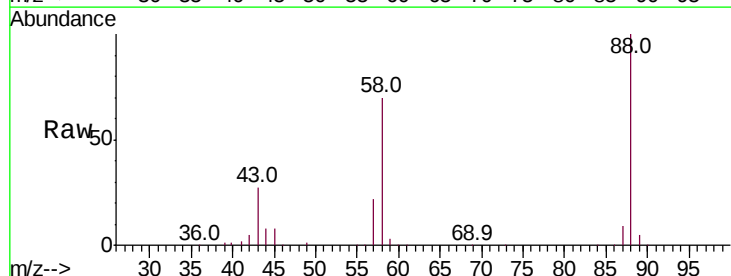


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

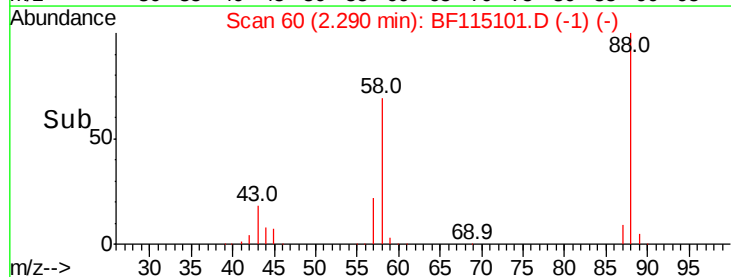
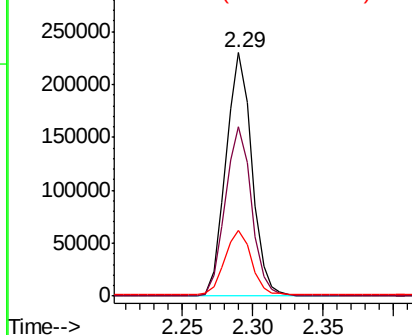


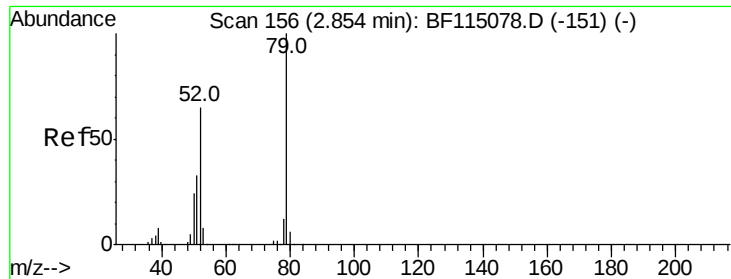
#2
 1,4-Dioxane
 Concen: 34.040 ng
 RT: 2.29 min Scan# 60
 Delta R.T. 0.09 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	56.1	84.1
43	27.6	21.3	31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1



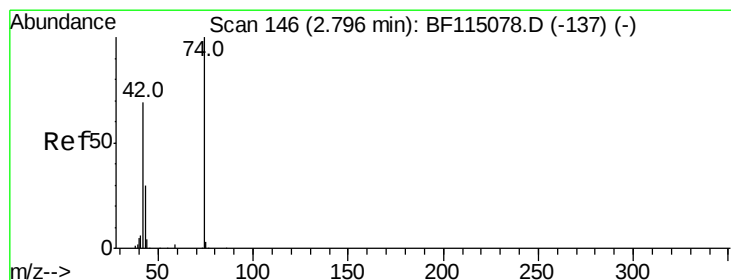
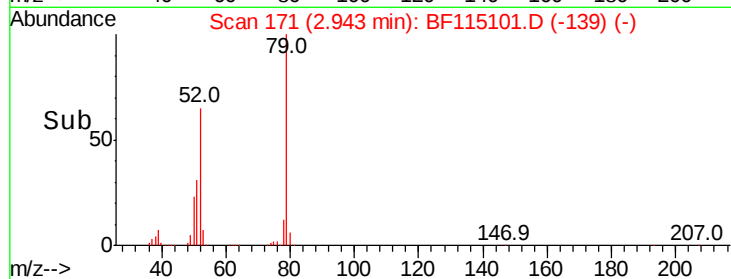
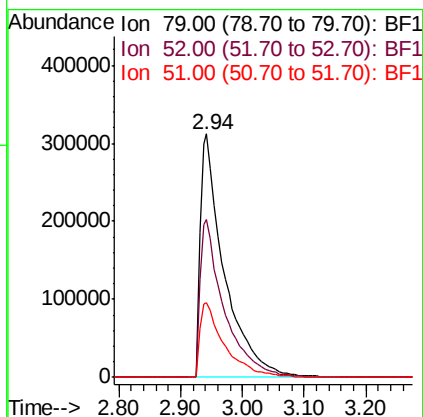
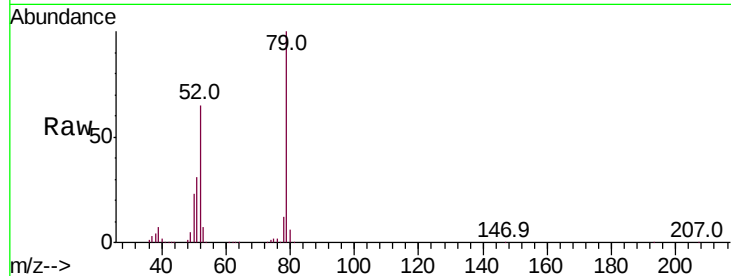


#3
 Pvridine
 Concen: 34.584 ng
 RT: 2.94 min Scan# 171
 Delta R.T. 0.09 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 842497

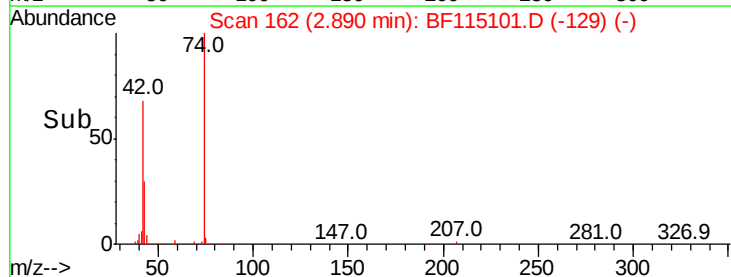
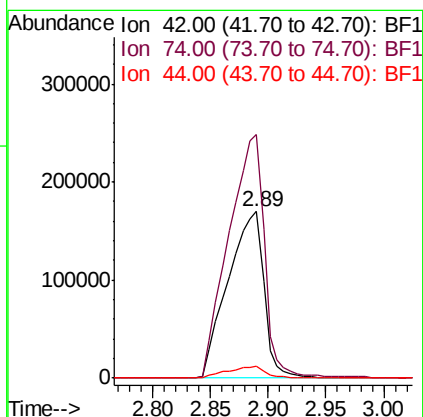
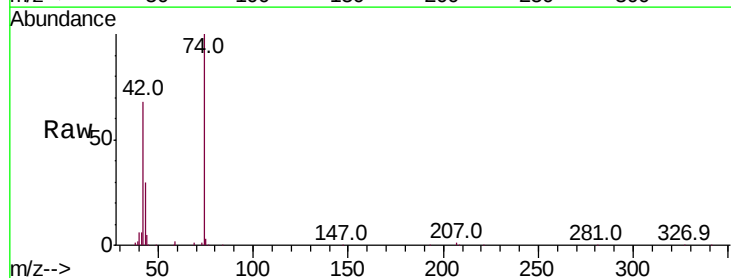
Ion	Ratio	Lower	Upper
79	100		
52	64.6	52.3	78.5
51	30.9	26.1	39.1

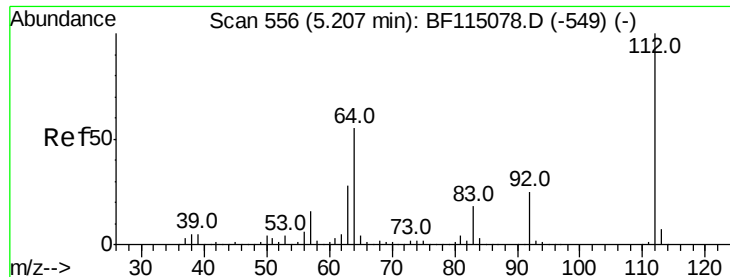


#4
 n-Nitrosodimethylamine
 Concen: 38.595 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion: 42 Resp: 368584

Ion	Ratio	Lower	Upper
42	100		
74	146.3	116.6	175.0
44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 119.566 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampled :

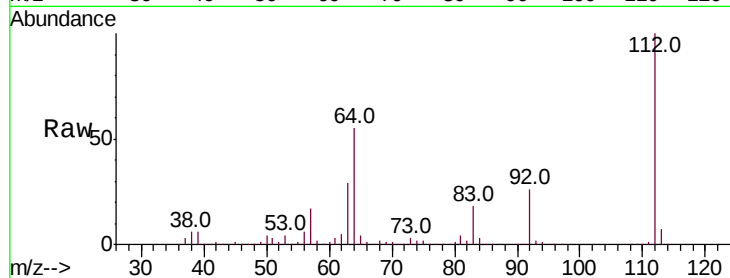
Tot Ion:112 Resp: 2189694

Ion Ratio Lower Upper

112 100

64 55.3 43.8 65.6

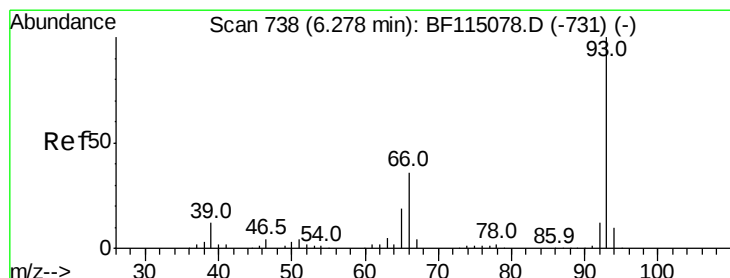
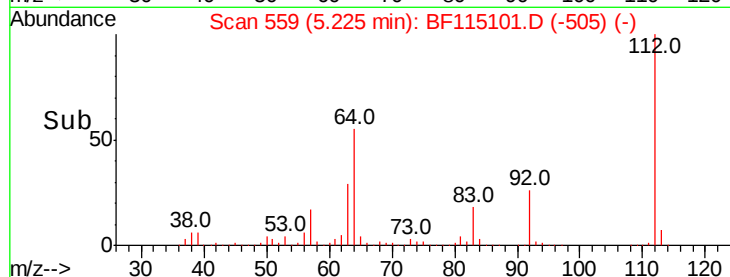
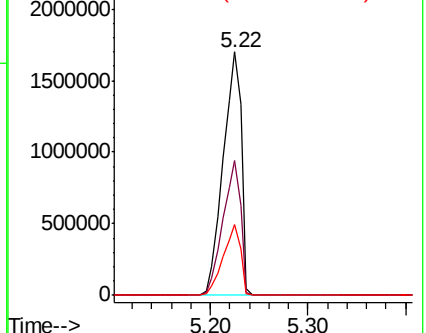
63 29.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.329 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

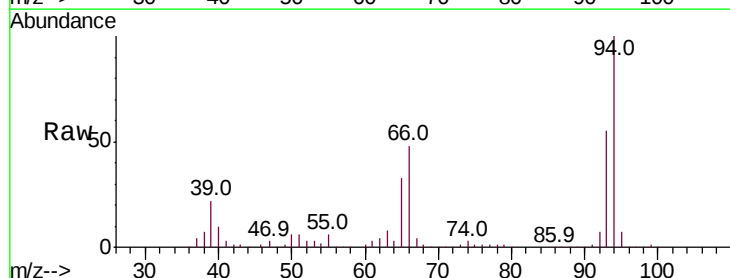
Tgt Ion: 93 Resp: 712701

Ion Ratio Lower Upper

93 100

66 87.4 30.0 45.0#

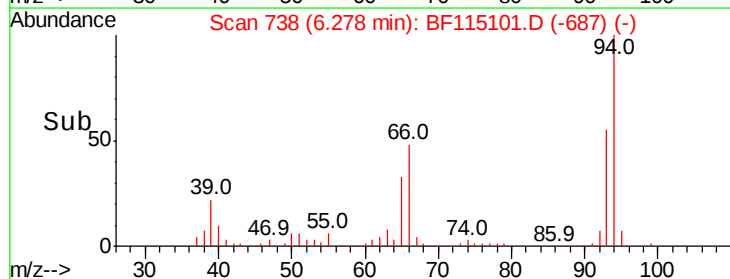
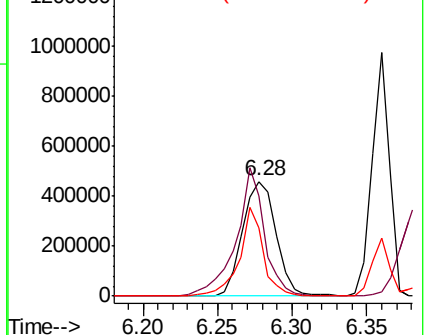
65 59.5 15.6 23.4#

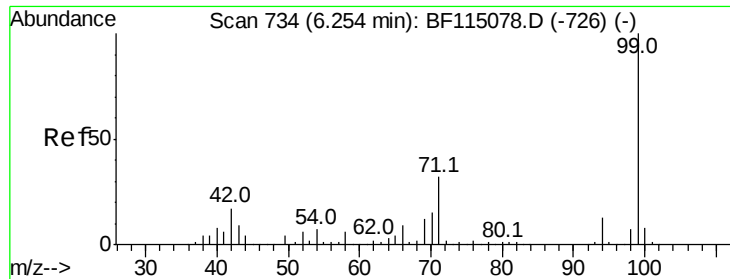


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.054 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

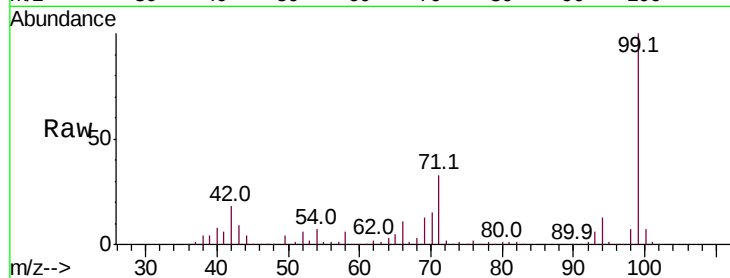
Tot Ion: 99 Resp: 2690828

Ion Ratio Lower Upper

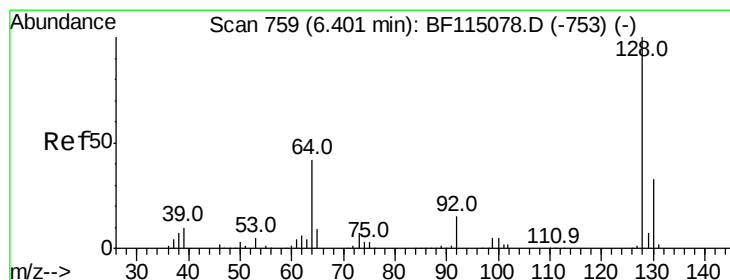
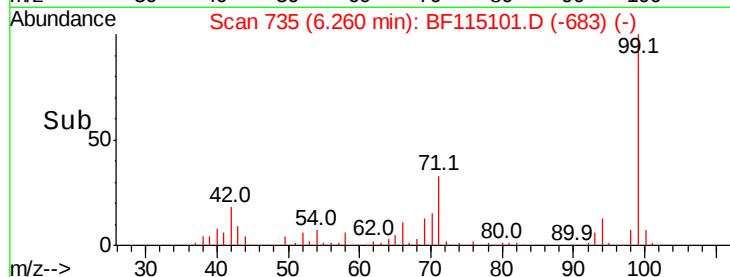
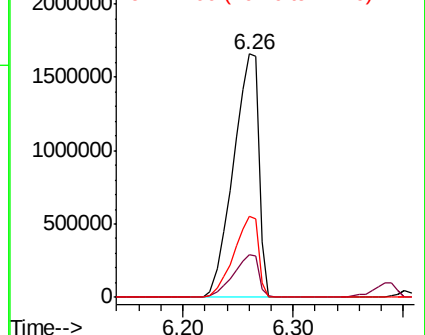
99 100

42 17.6 13.6 20.4

71 33.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.522 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

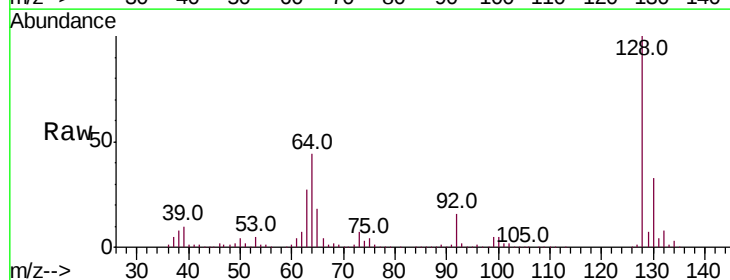
Tgt Ion:128 Resp: 834452

Ion Ratio Lower Upper

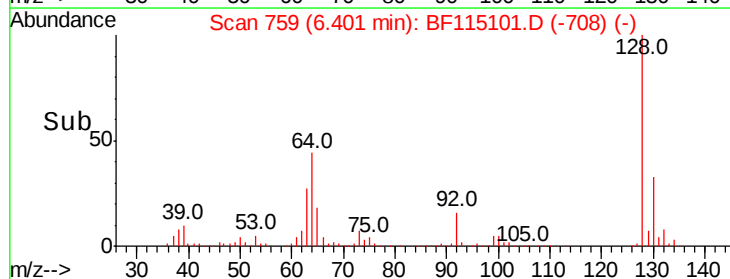
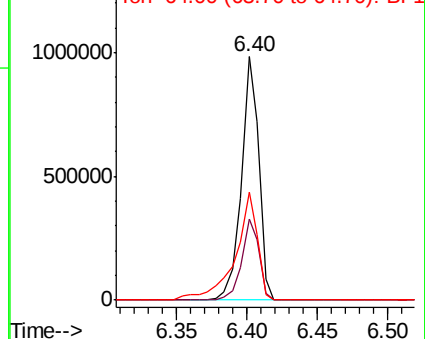
128 100

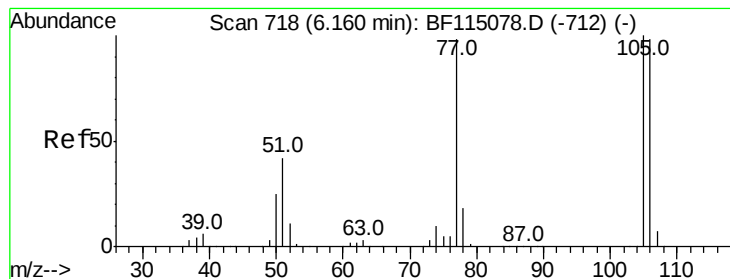
130 33.1 12.9 52.9

64 44.2 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.685 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

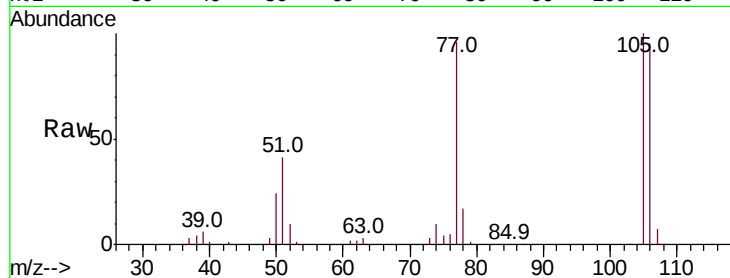
Tot Ion: 77 Resp: 227466

Ion Ratio Lower Upper

77 100

105 104.4 81.5 121.5

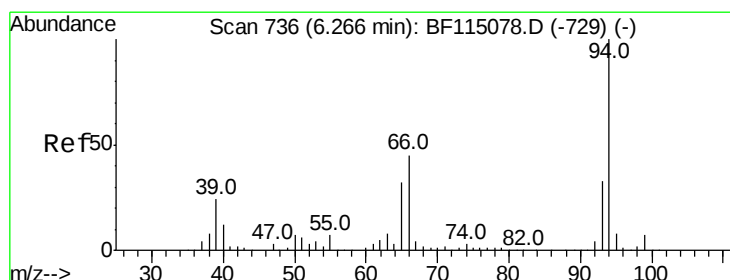
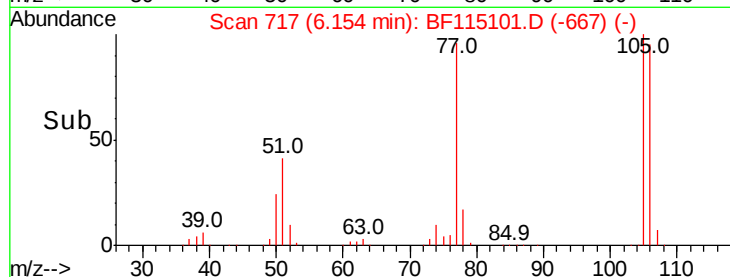
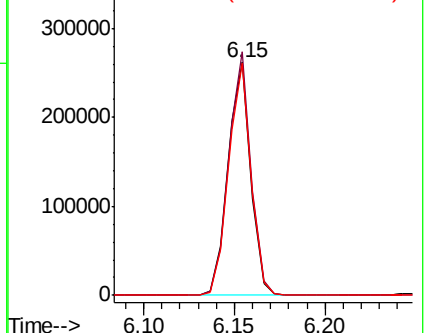
106 99.3 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.400 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

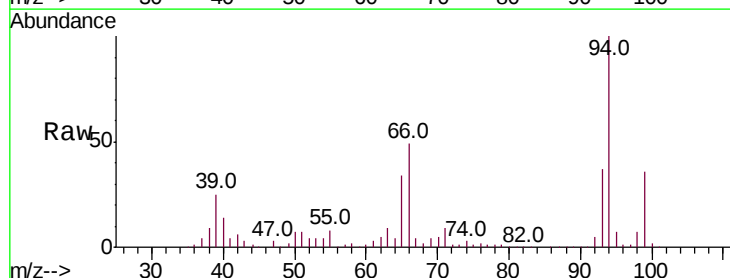
Tgt Ion: 94 Resp: 973815

Ion Ratio Lower Upper

94 100

65 33.6 11.9 51.9

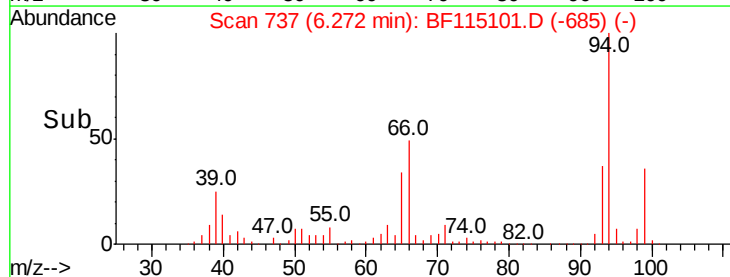
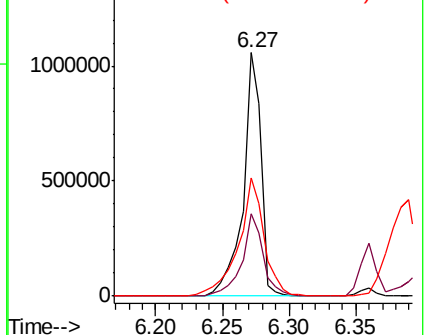
66 48.7 25.2 65.2

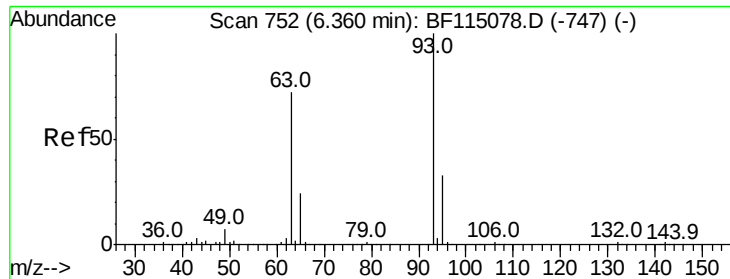


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

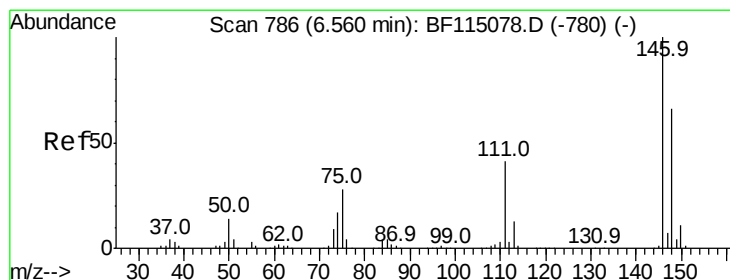
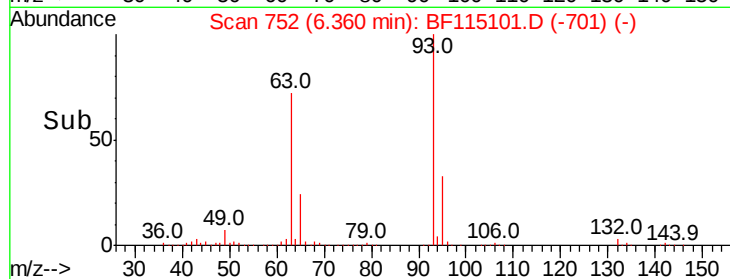
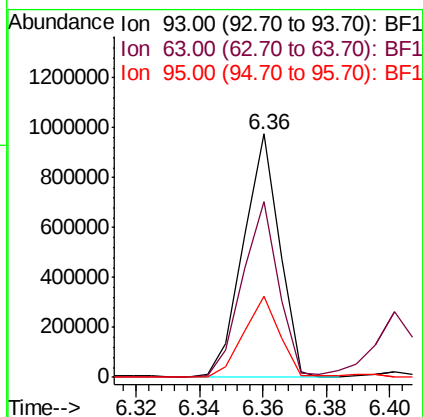
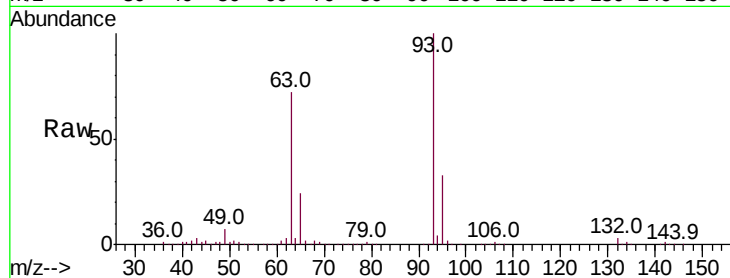




#11
 bis(2-Chloroethyl)ether
 Concen: 39.960 ng
 RT: 6.36 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

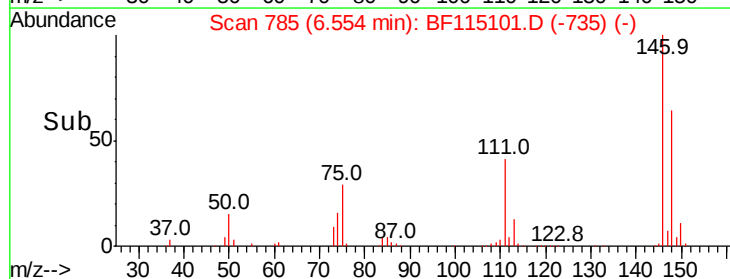
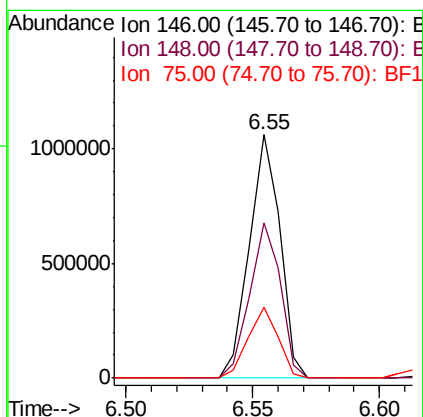
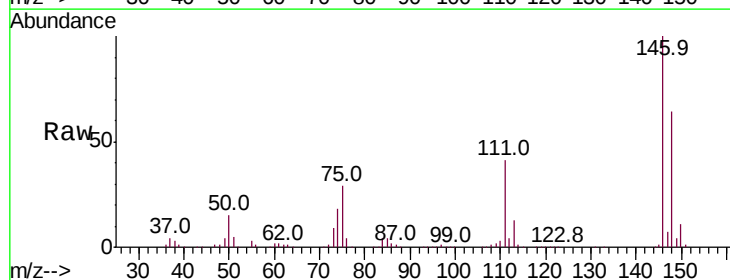
Instrument :
 BNA_F
 ClientSampleId :

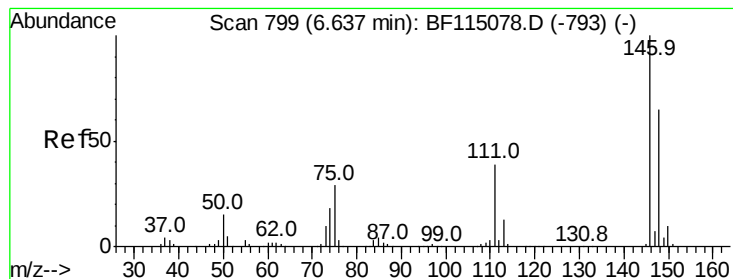
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	51.5	91.5
95	33.1	13.4	53.4



#12
 1,3-Dichlorobenzene
 Concen: 39.259 ng
 RT: 6.55 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
75	29.3	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 39.364 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampled :

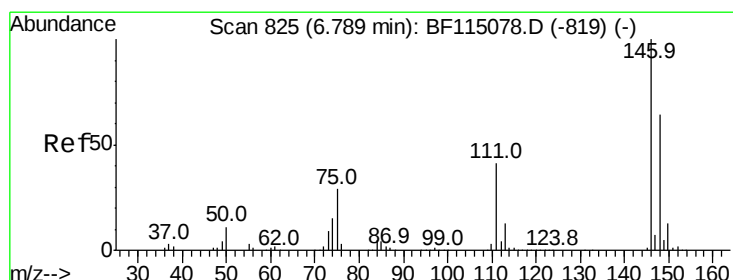
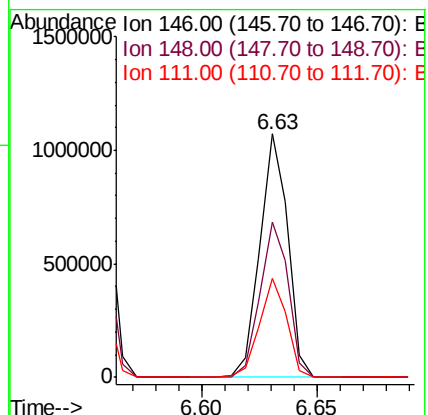
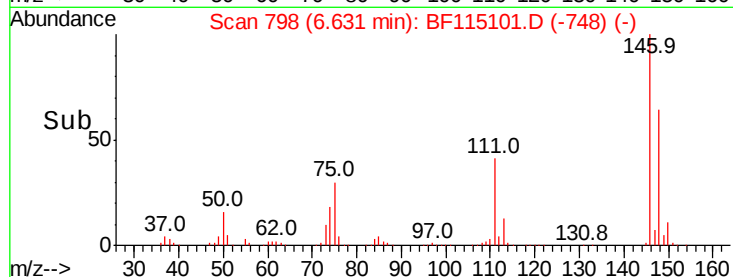
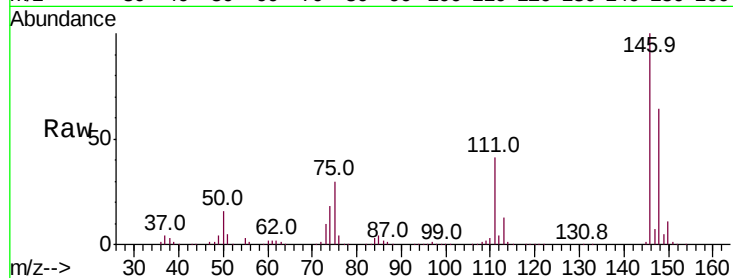
Tot Ion:146 Resp: 902115

Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

111 40.6 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 39.116 ng

RT: 6.79 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

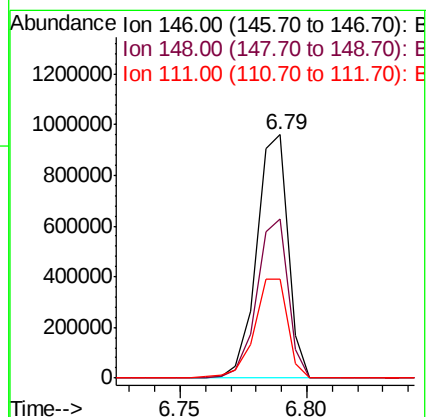
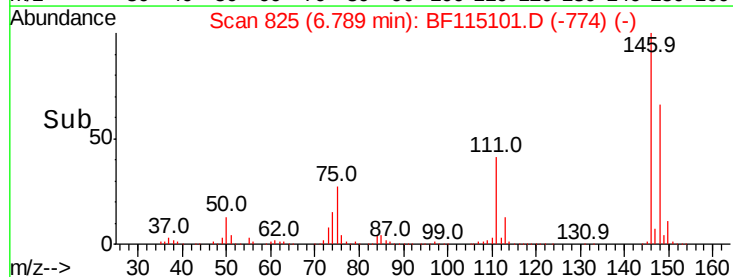
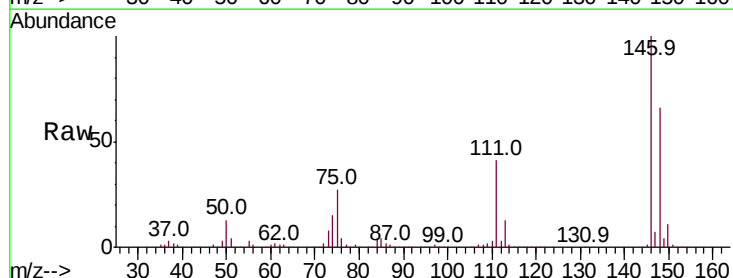
Tgt Ion:146 Resp: 830157

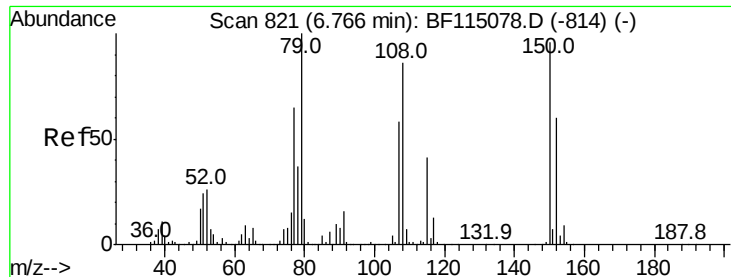
Ion Ratio Lower Upper

146 100

148 65.5 51.1 76.7

111 40.5 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.501 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampled :

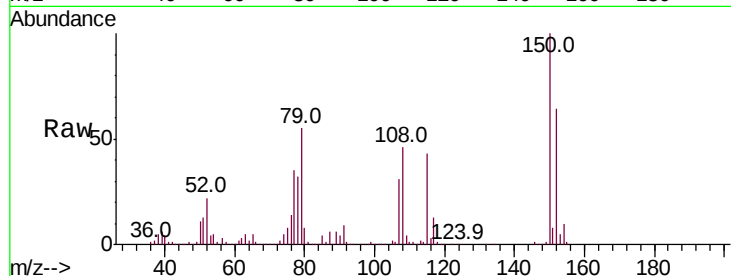
Tot Ion: 79 Resp: 639356

Ion Ratio Lower Upper

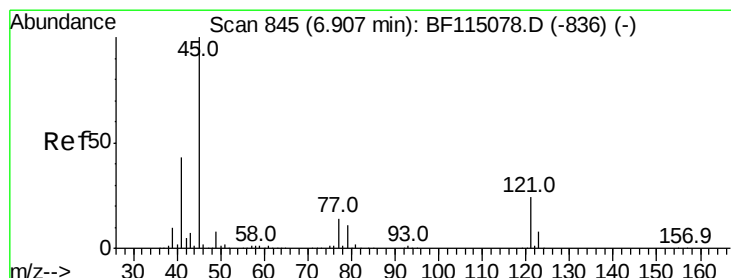
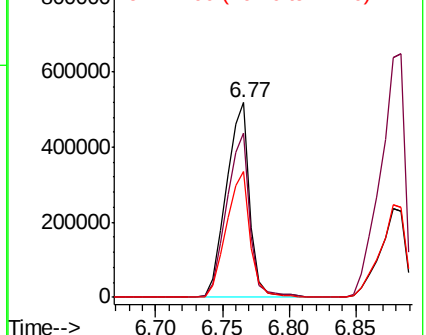
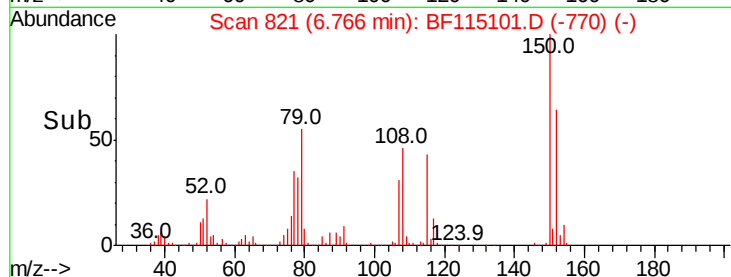
79 100

108 84.5 68.7 103.1

77 64.5 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.073 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

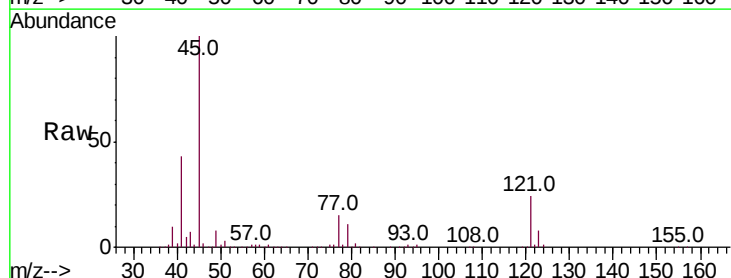
Tgt Ion: 45 Resp: 1115536

Ion Ratio Lower Upper

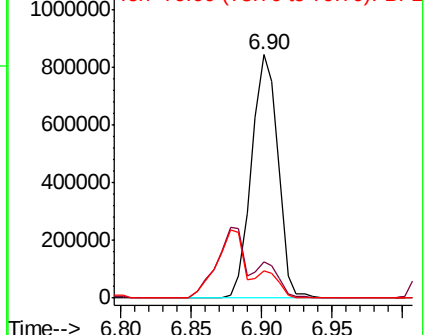
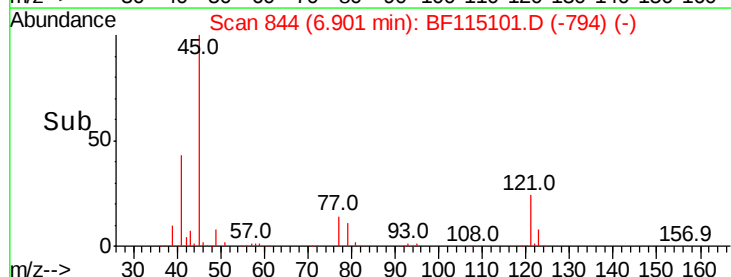
45 100

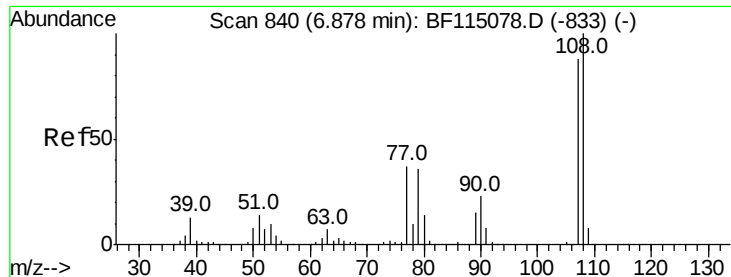
77 15.1 0.0 34.6

79 11.2 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.649 ng

RT: 6.88 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 724943

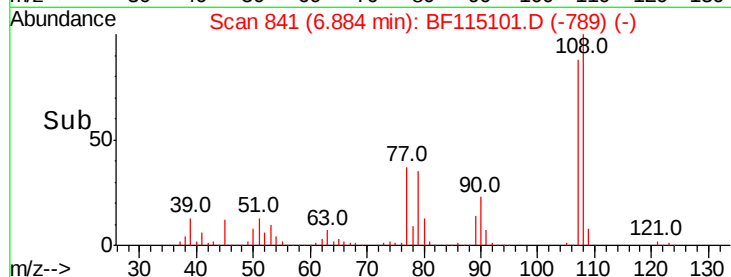
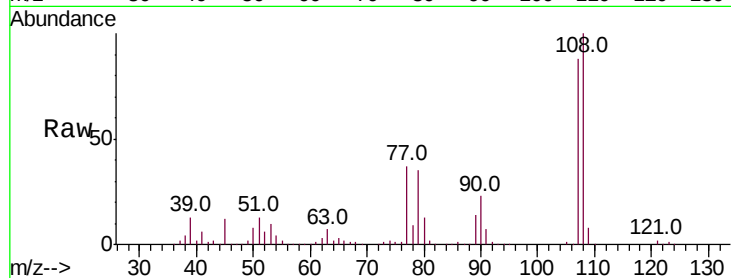
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 41.9 33.4 50.2

79 40.0 32.3 48.5

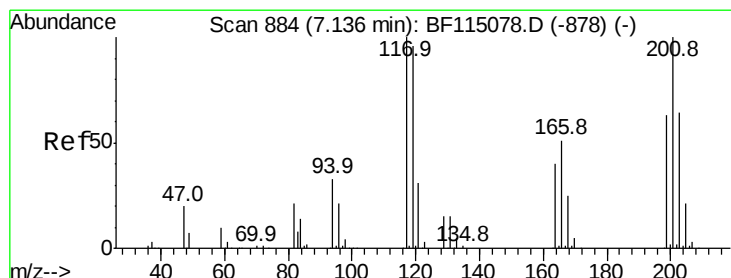
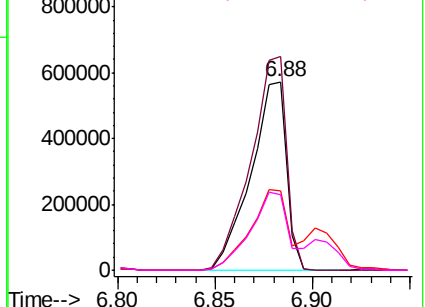


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.877 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

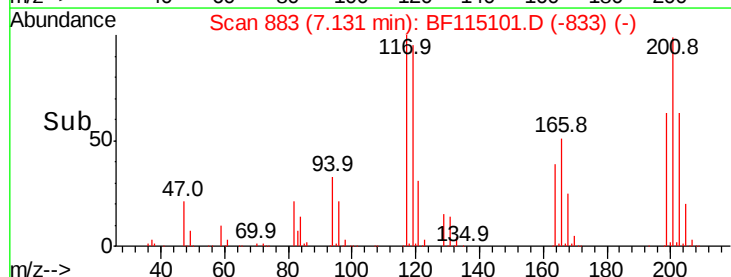
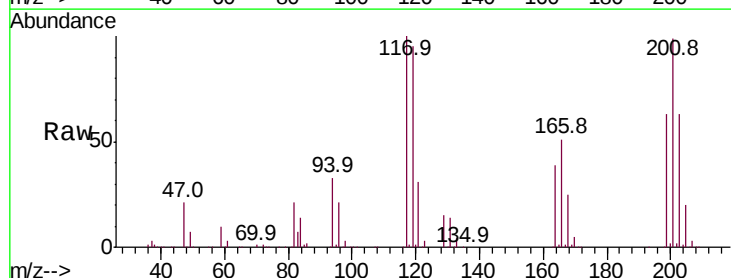
Tgt Ion:117 Resp: 329467

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

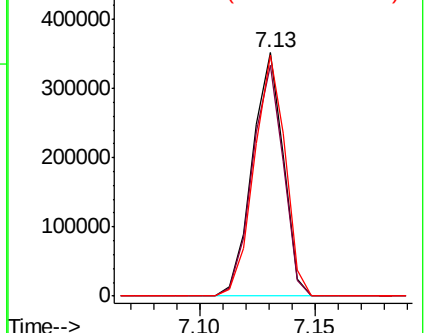
201 99.1 80.2 120.2

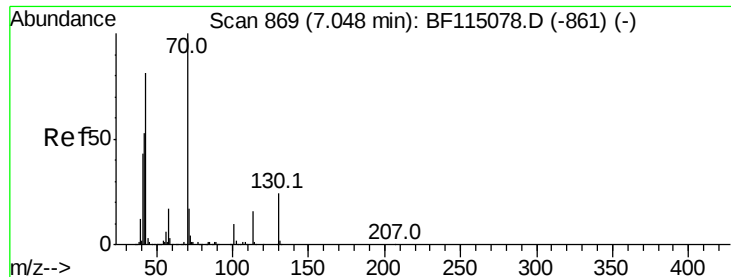


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

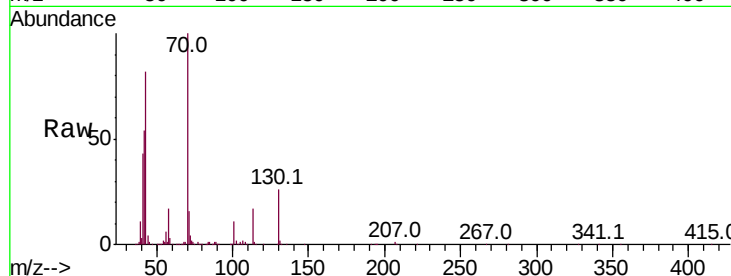




#19
n-Nitroso-di-n-propylamine
Concen: 39.861 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	567256
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.6	63.8
101	10.6	8.0	12.0
130	25.8	19.4	29.0



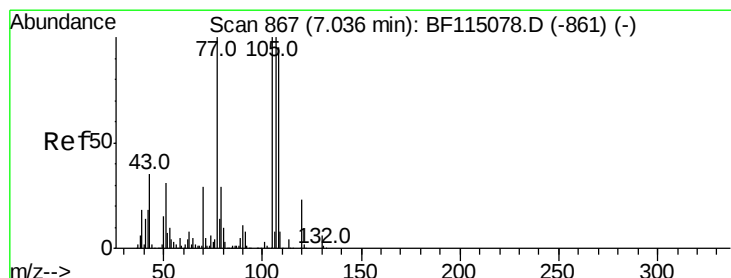
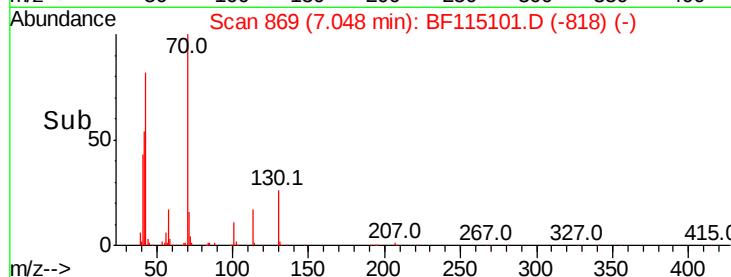
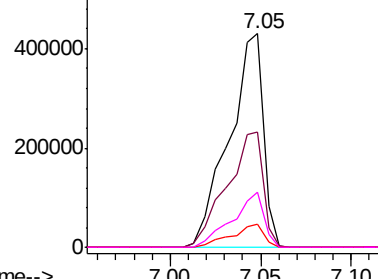
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

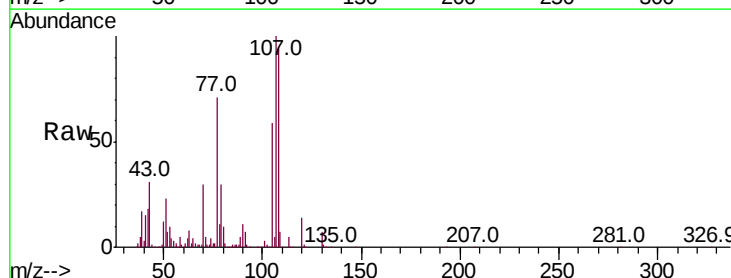
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 41.374 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:	107	Resp:	812052
Ion	Ratio	Lower	Upper
107	100		
108	94.5	75.5	115.5
77	71.2	80.2	120.2#
79	29.9	9.5	49.5



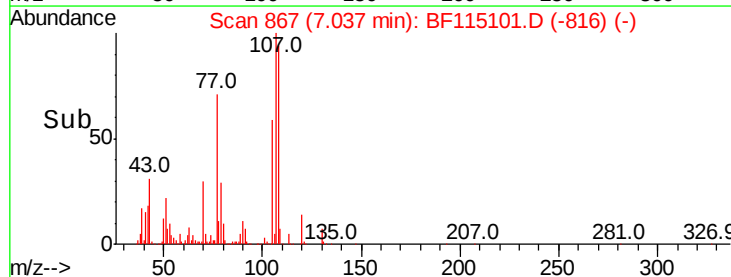
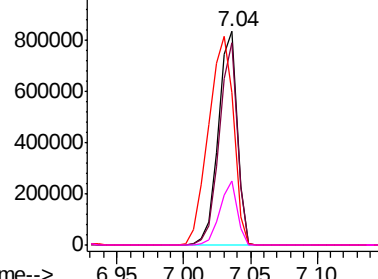
Abundance

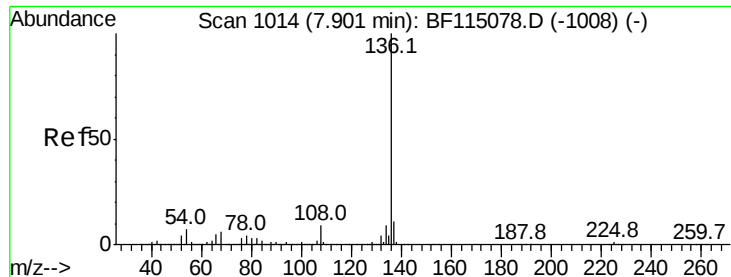
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1123951

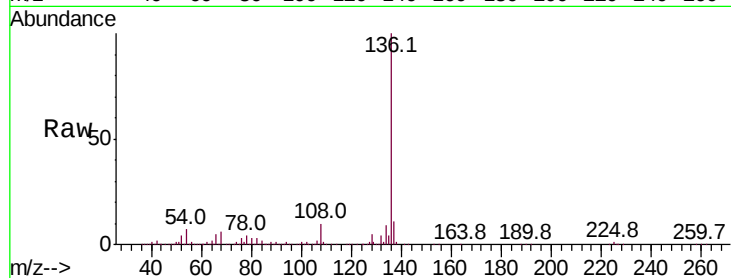
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 5.6 8.4

68 6.1 4.8 7.2

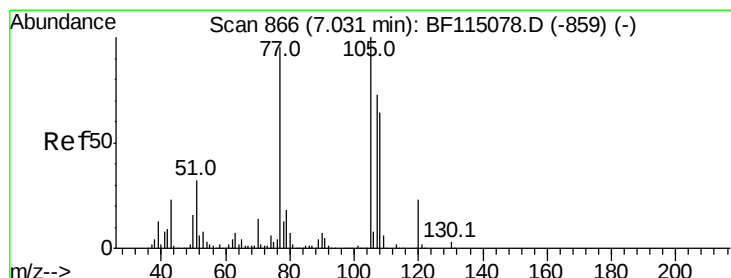
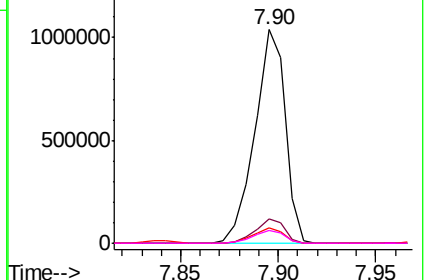
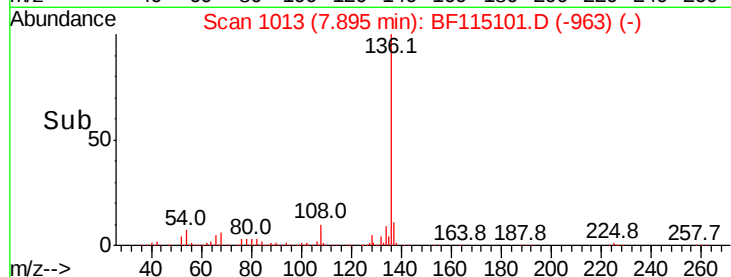


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.629 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:105 Resp: 1122628

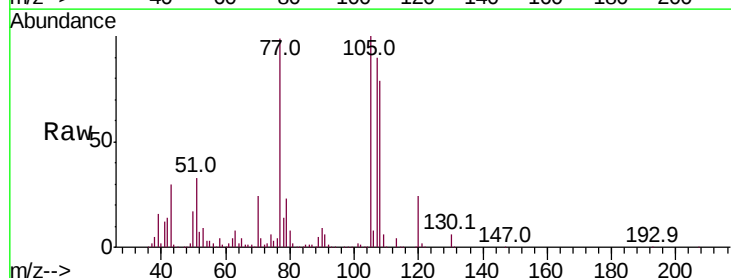
Ion Ratio Lower Upper

105 100

71 4.3 1.9 2.9#

51 33.1 25.8 38.8

120 23.7 18.5 27.7

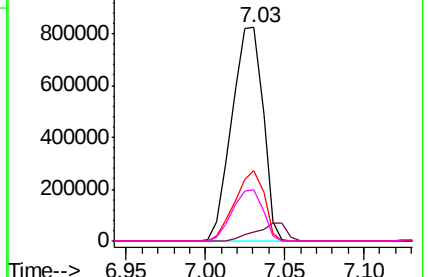
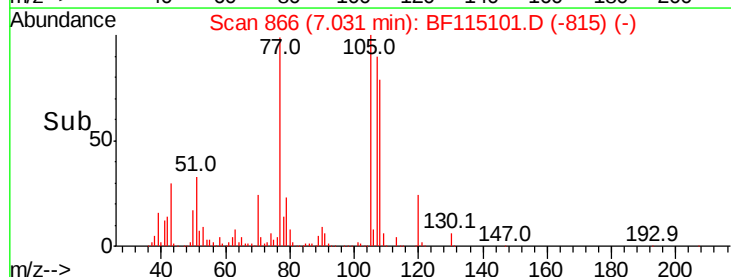


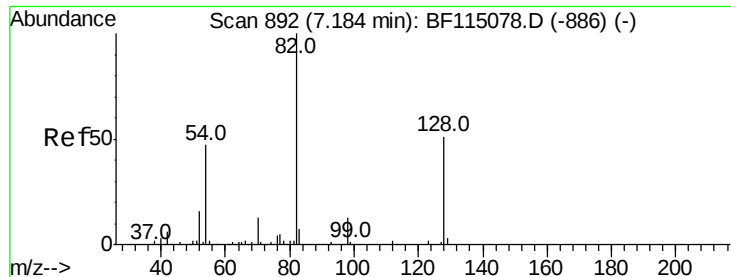
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

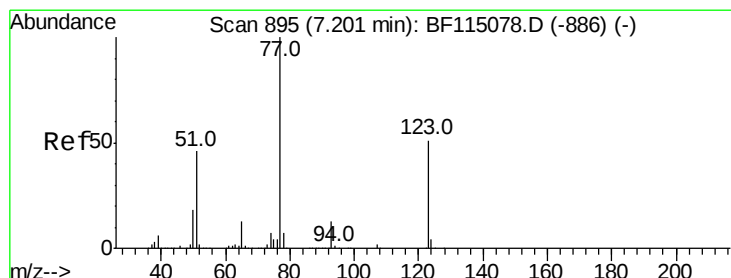
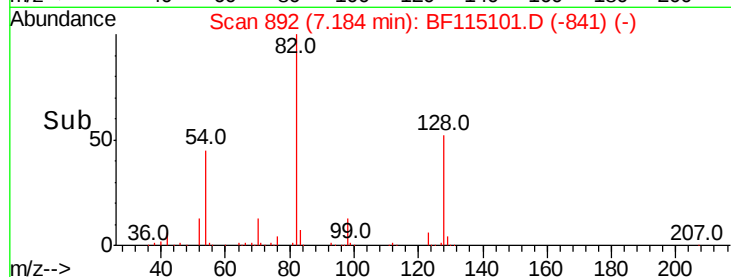
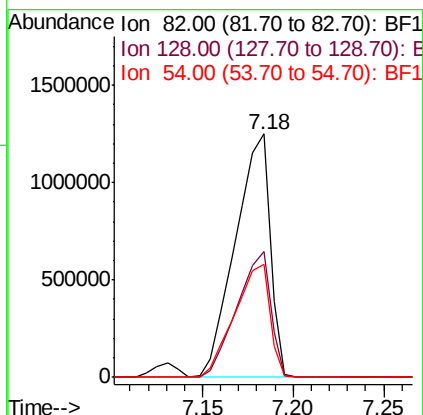
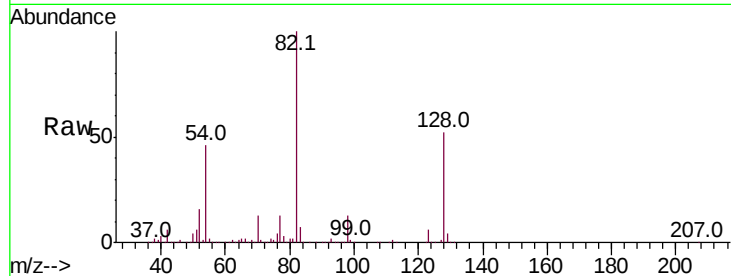




#23
 Nitrobenzene-d5
 Concen: 91.550 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

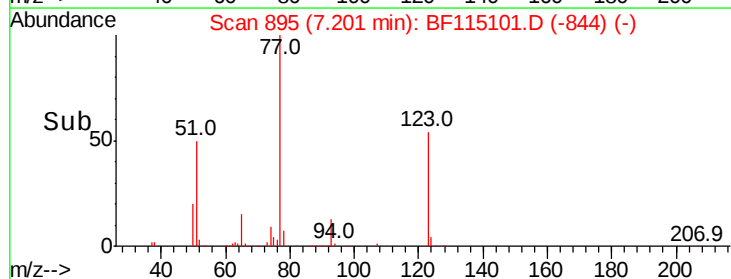
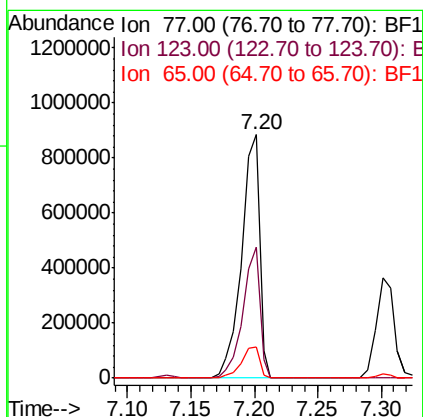
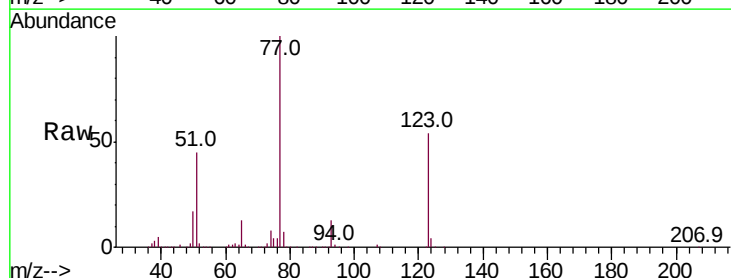
Instrument :
 BNA_F
 ClientSampleId :

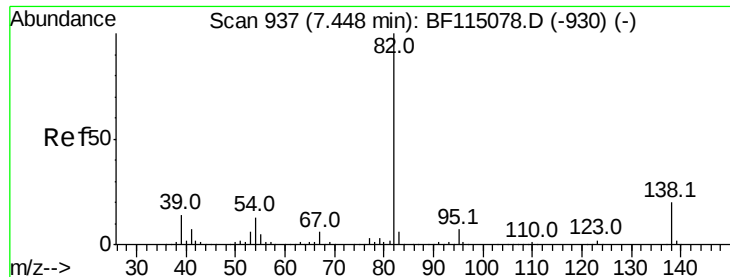
Tot Ion: 82 Resp: 1672716
 Ion Ratio Lower Upper
 82 100
 128 51.5 40.4 60.6
 54 46.5 37.5 56.3



#24
 Nitrobenzene
 Concen: 42.968 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion: 77 Resp: 864893
 Ion Ratio Lower Upper
 77 100
 123 53.9 41.0 61.6
 65 12.9 10.5 15.7





#25

Isophorone

Concen: 43.311 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

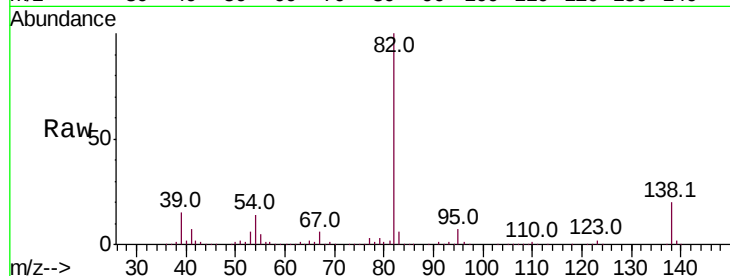
Tot Ion: 82 Resp: 1621076

Ion Ratio Lower Upper

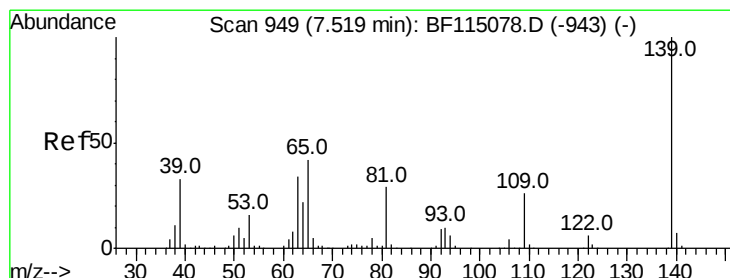
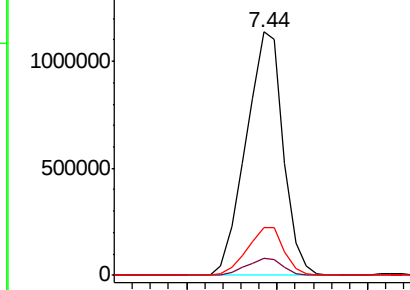
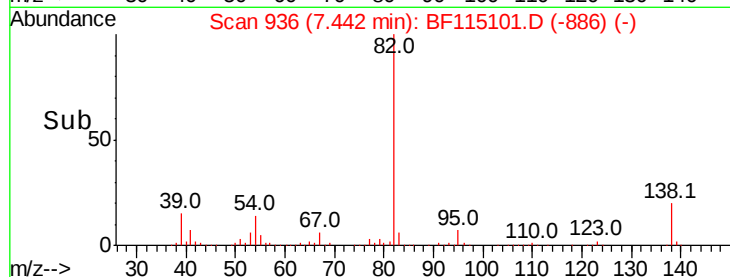
82 100

95 6.8 5.4 8.2

138 19.7 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.901 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

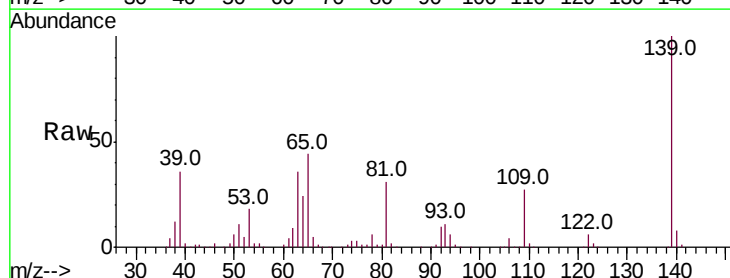
Tgt Ion: 139 Resp: 466218

Ion Ratio Lower Upper

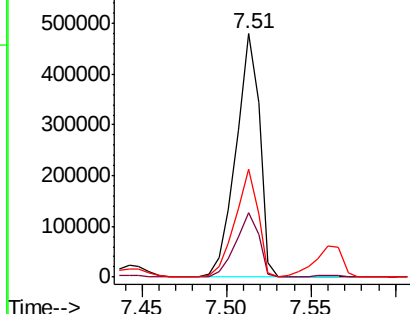
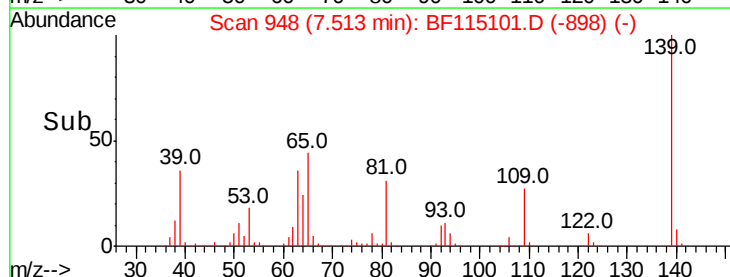
139 100

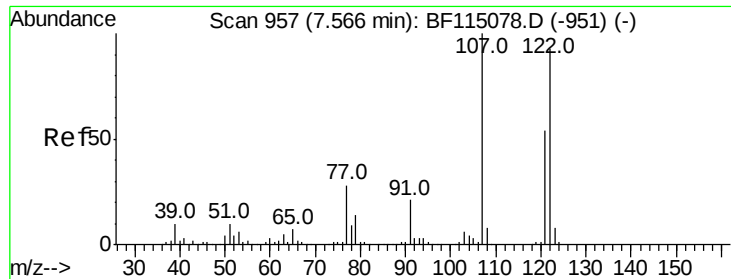
109 26.6 20.4 30.6

65 44.4 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

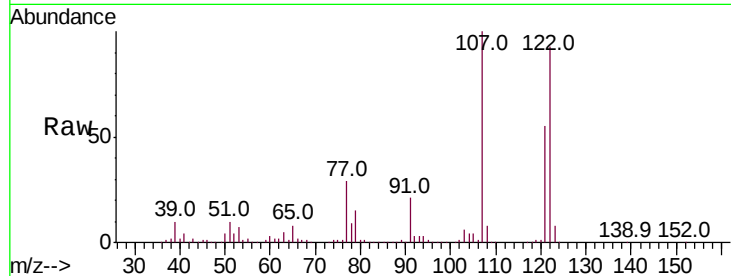




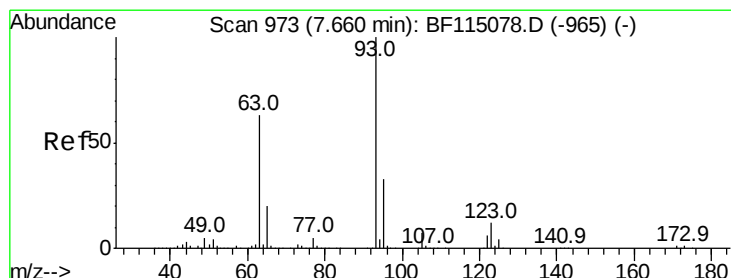
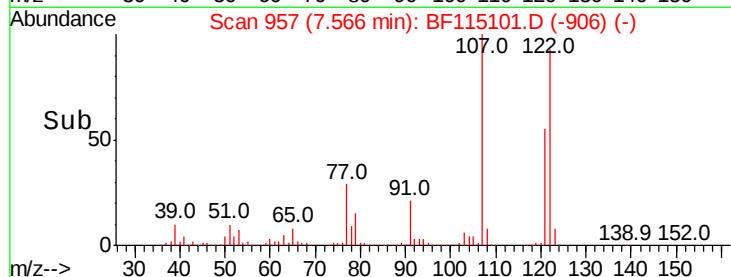
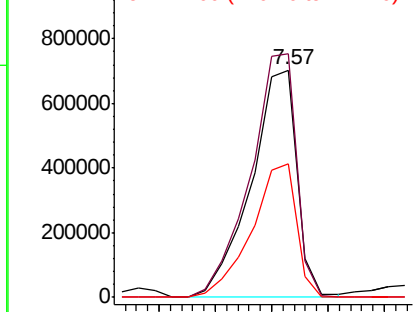
#27
2,4-Dimethylphenol
Concen: 48.821 ng
RT: 7.57 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 794590
Ion Ratio Lower Upper
122 100
107 107.0 85.8 128.6
121 58.5 46.3 69.5

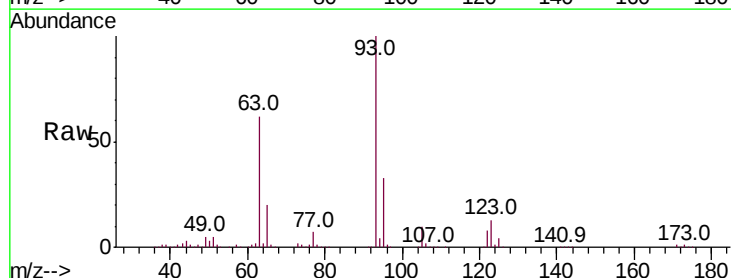


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

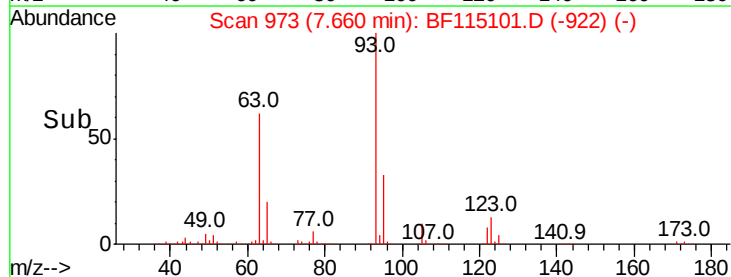
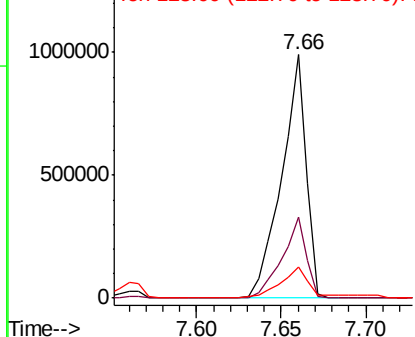


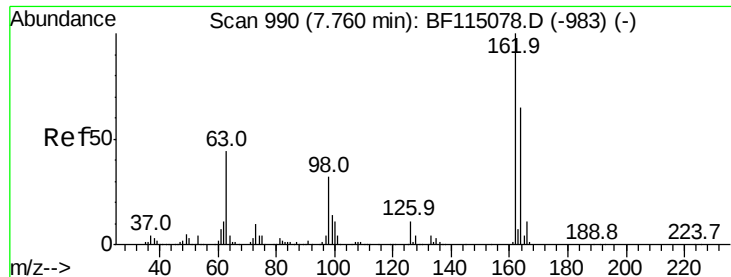
#28
bis(2-Chloroethoxy)methane
Concen: 42.605 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion: 93 Resp: 1007906
Ion Ratio Lower Upper
93 100
95 33.5 26.2 39.4
123 12.8 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.711 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampled :

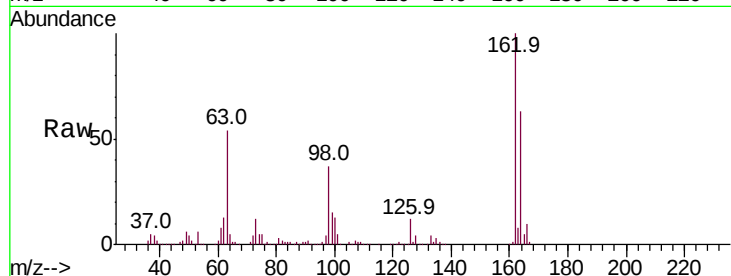
Tot Ion:162 Resp: 750972

Ion Ratio Lower Upper

162 100

164 63.2 45.3 85.3

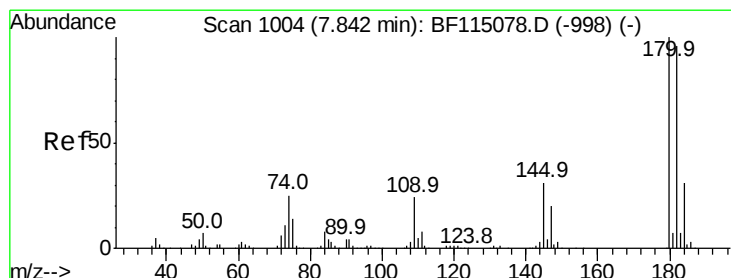
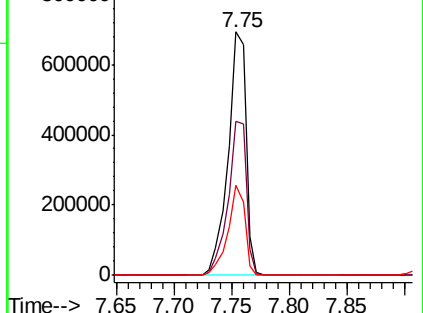
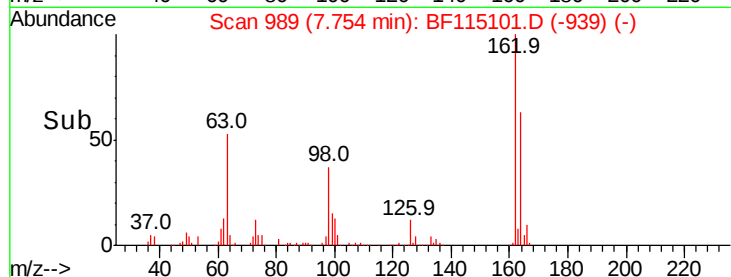
98 36.9 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.799 ng

RT: 7.84 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

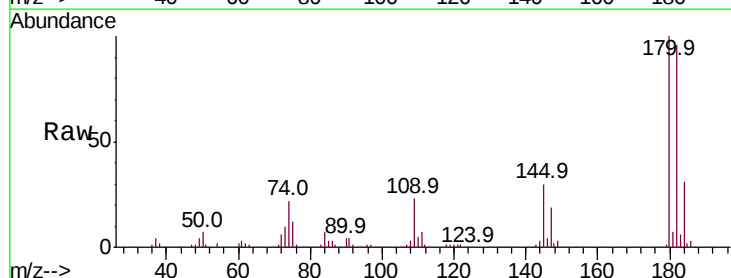
Tgt Ion:180 Resp: 794031

Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

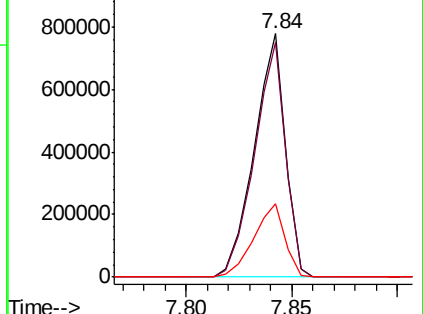
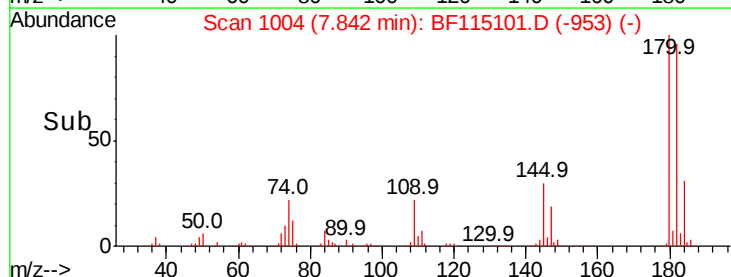
145 30.0 24.8 37.2

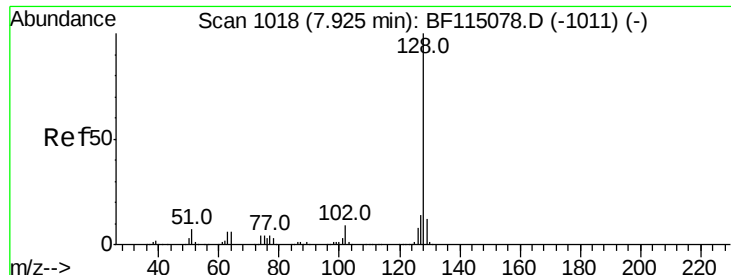


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

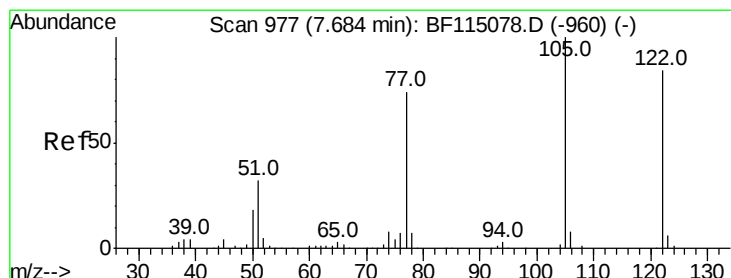
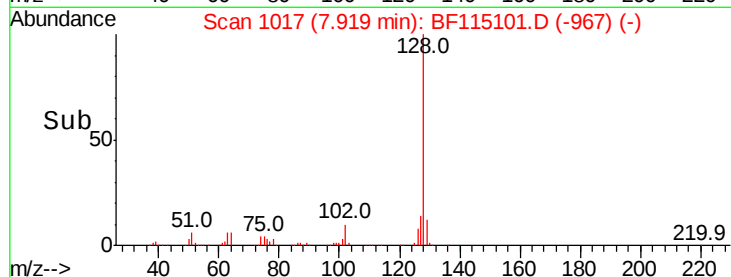
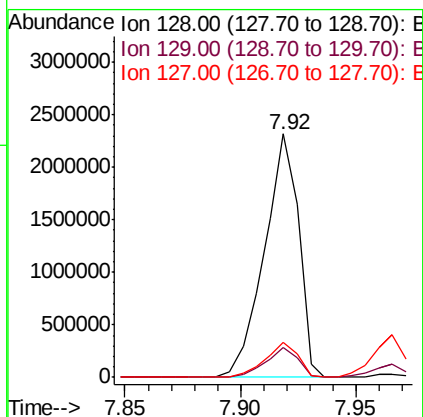
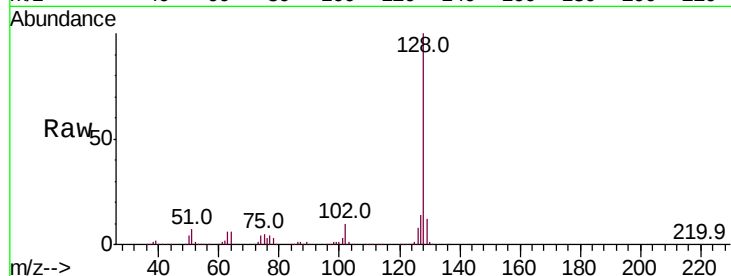




#31
Naphthalene
Concen: 43.255 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

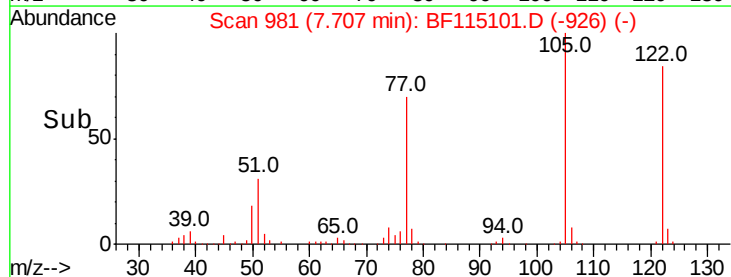
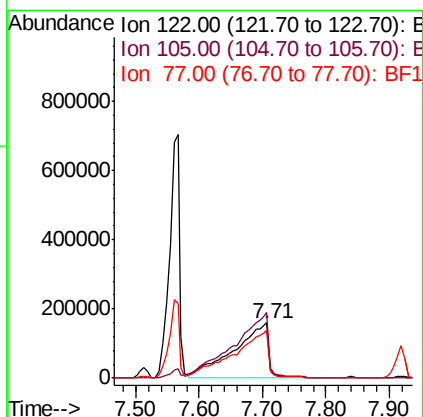
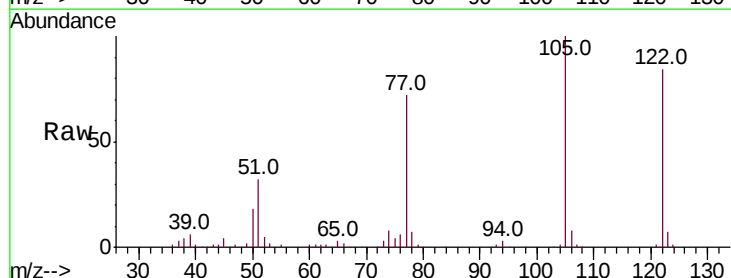
Instrument :
BNA_F
ClientSampleId :

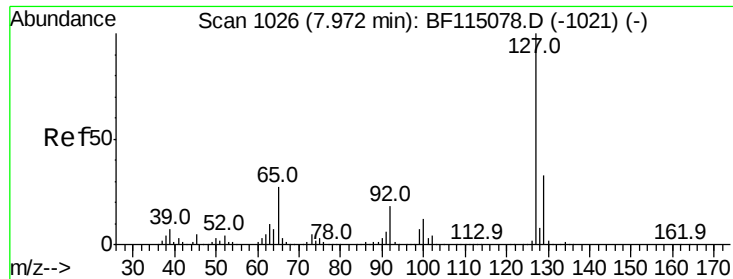
Tot Ion:128 Resp: 2386446
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 52.928 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:122 Resp: 614901
Ion Ratio Lower Upper
122 100
105 118.3 98.2 138.2
77 85.7 67.0 107.0

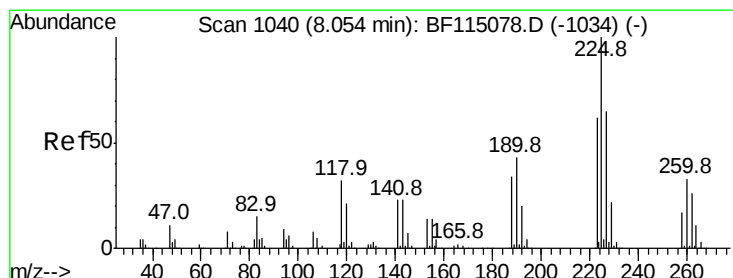
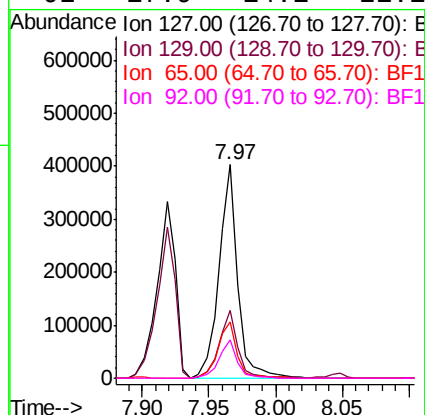
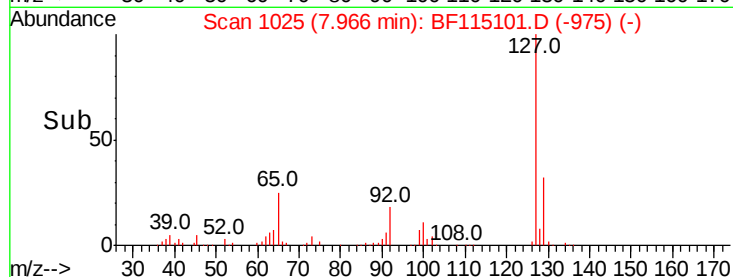
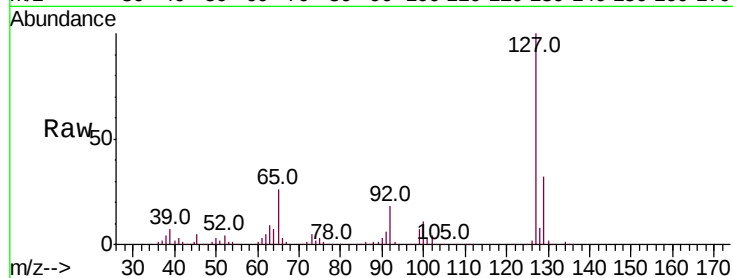




#33
4-Chloroaniline
Concen: 15.747 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

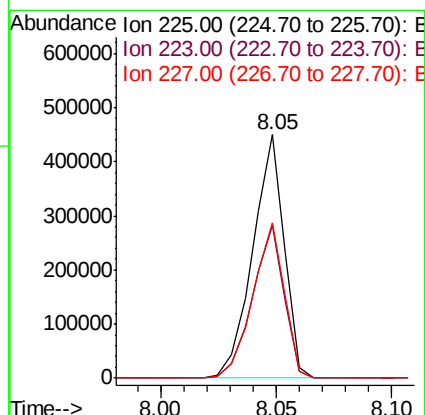
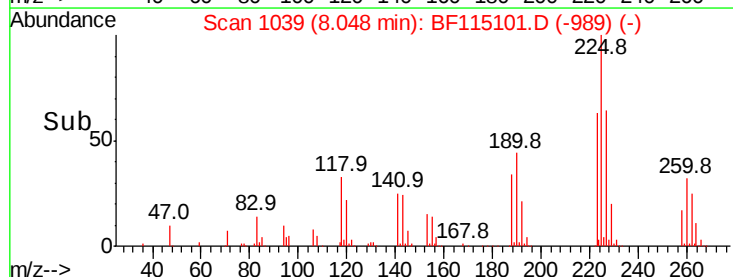
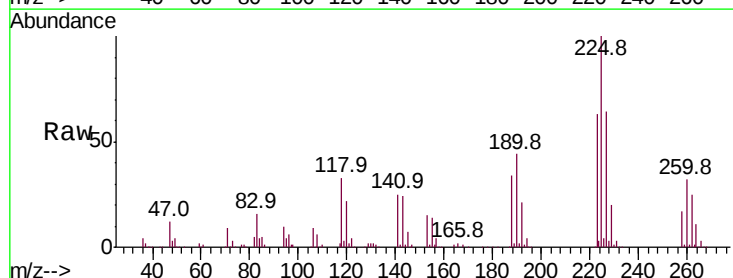
Instrument :
BNA_F
ClientSampleId :

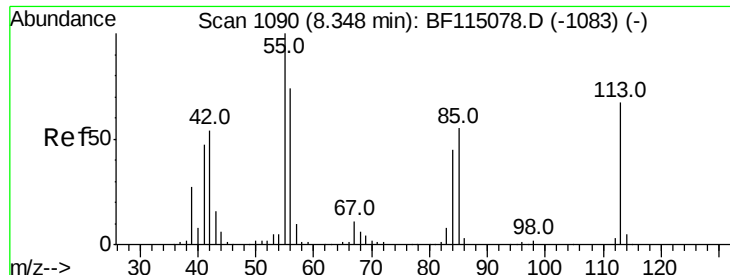
Tot Ion:	127	Resp:	397056
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	26.2	21.4	32.2
92	17.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 41.928 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:	225	Resp:	426278
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	63.6	51.8	77.8

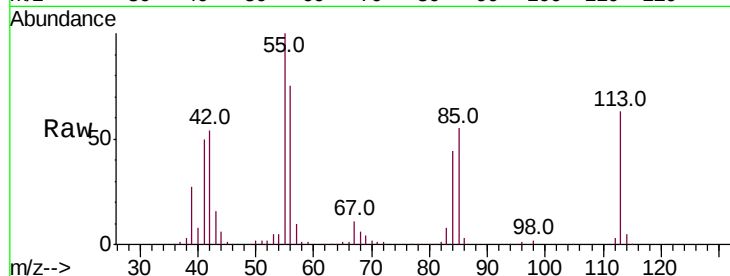




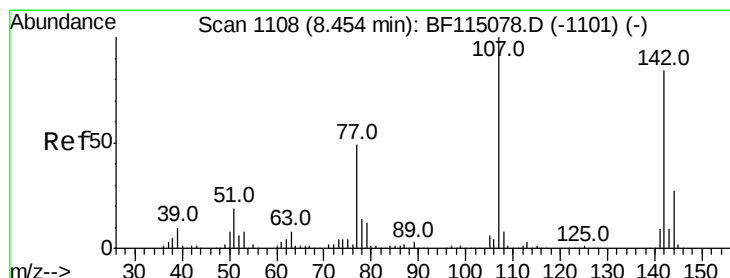
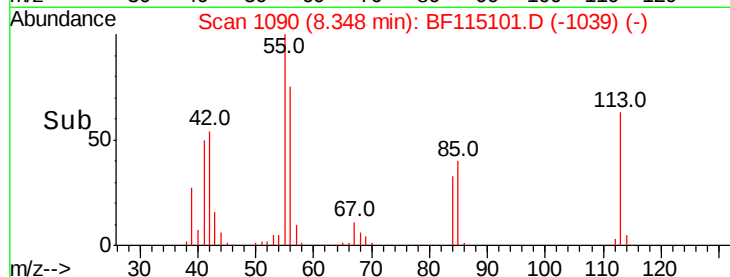
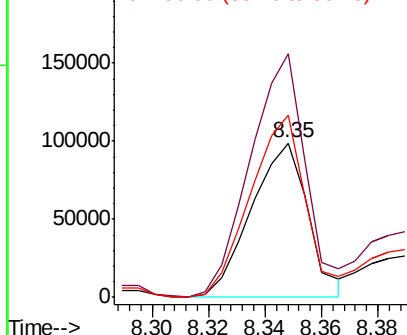
#35
 Caprolactam
 Concen: 24.327 ng
 RT: 8.35 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 137376
 Ion Ratio Lower Upper
 113 100
 55 157.7 130.2 170.2
 56 117.9 91.6 131.6

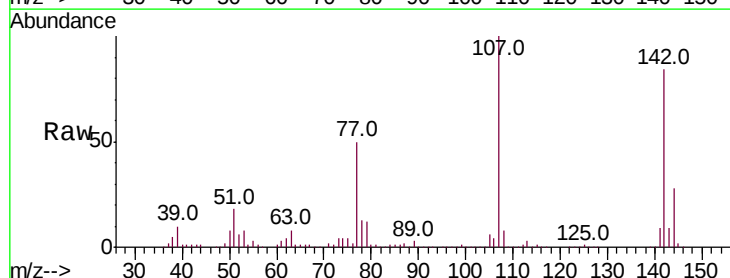


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

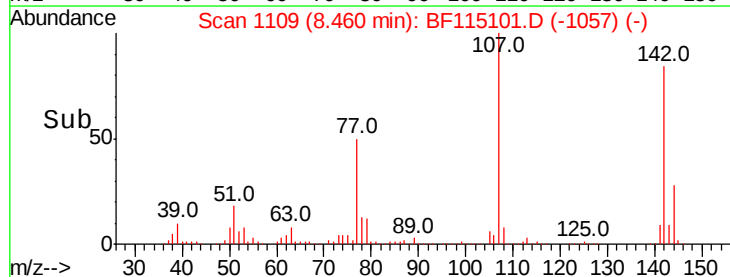
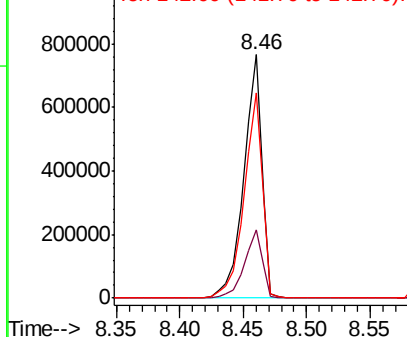


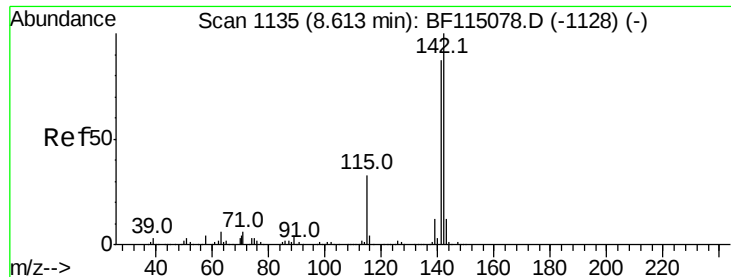
#36
 4-Chloro-3-methylphenol
 Concen: 44.123 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion:107 Resp: 750531
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.7 32.5
 142 84.1 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

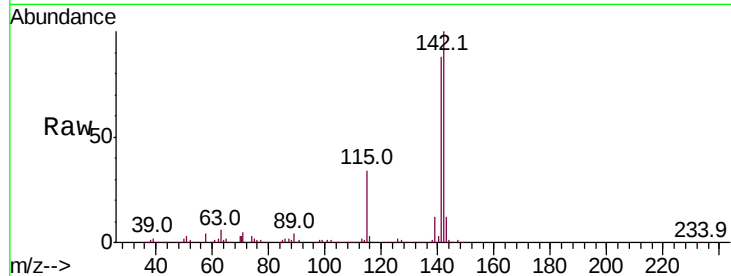




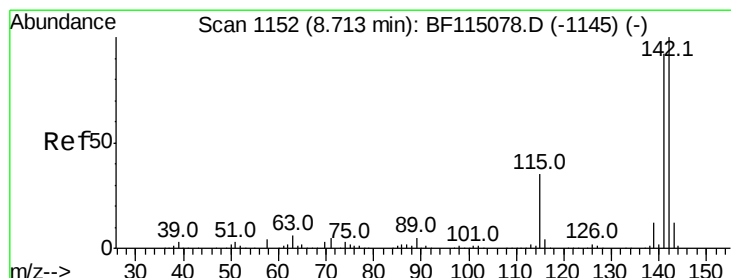
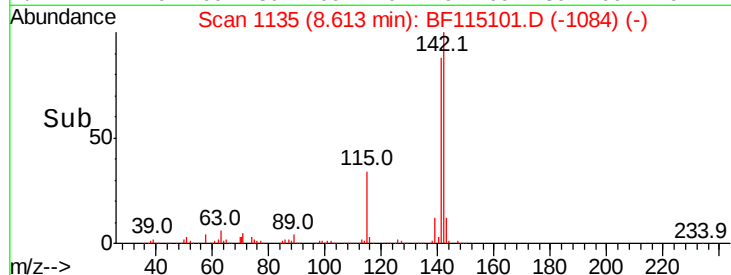
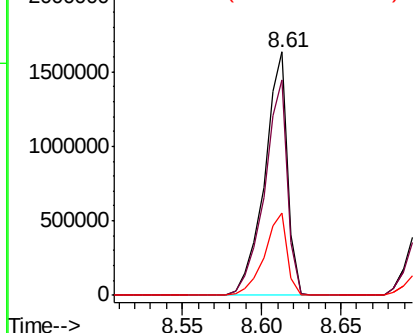
#37
2-Methylnaphthalene
Concen: 44.569 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1657948
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.6
115 33.8 26.7 40.1

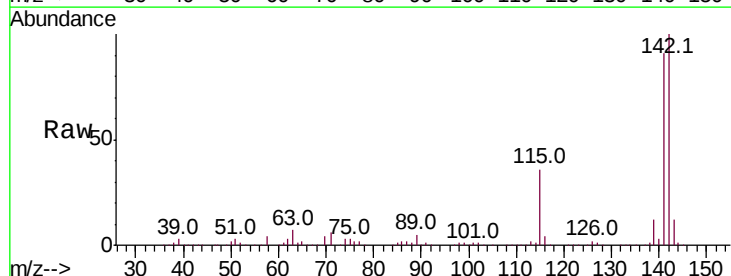


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

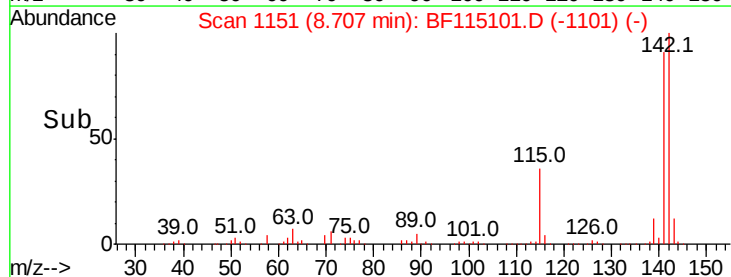
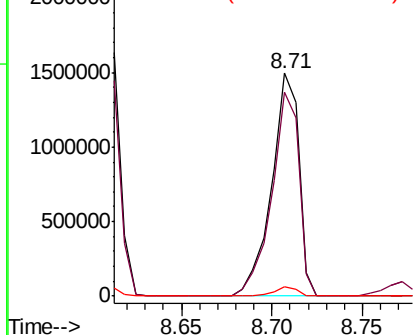


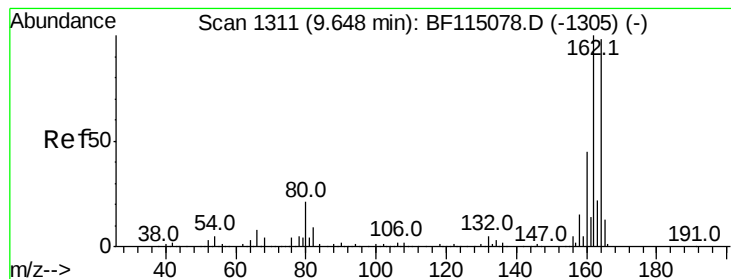
#38
1-Methylnaphthalene
Concen: 44.026 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:142 Resp: 1564158
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.8
116 4.0 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

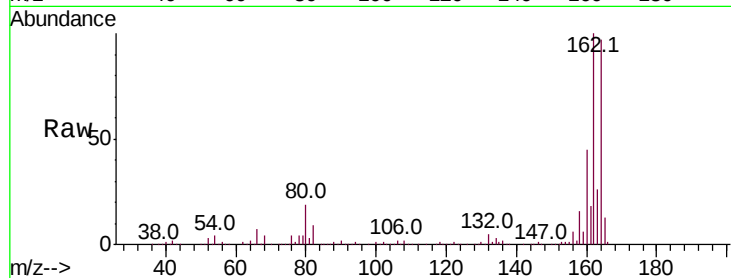
Tot Ion:164 Resp: 558476

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

160 46.3 37.0 55.4

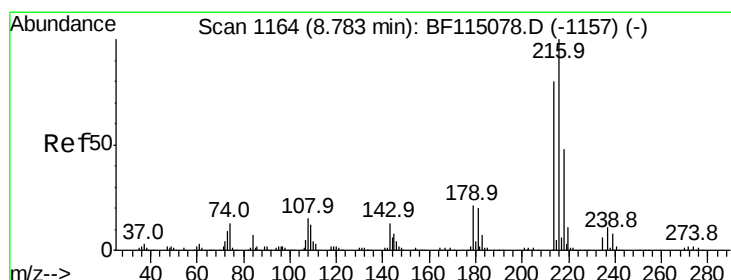
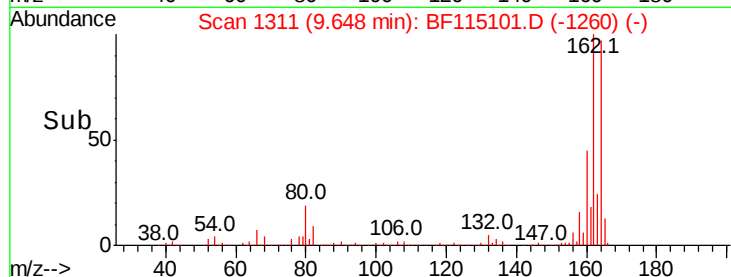
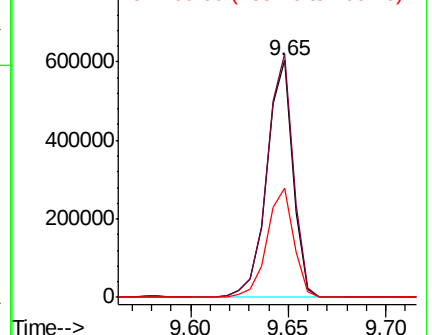


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.146 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:216 Resp: 665123

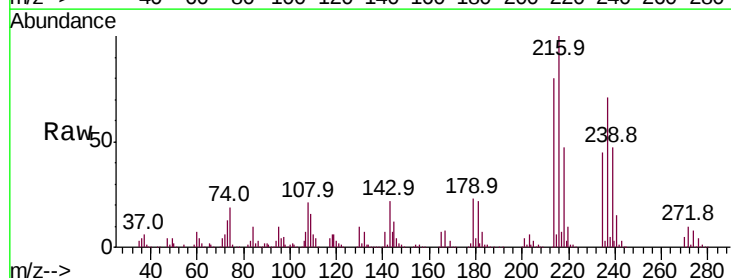
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 22.1 17.6 26.4

108 21.1 15.7 23.5



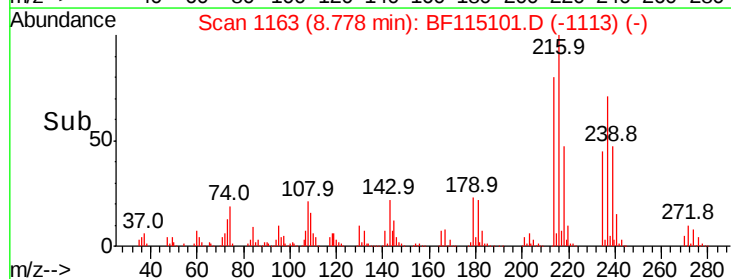
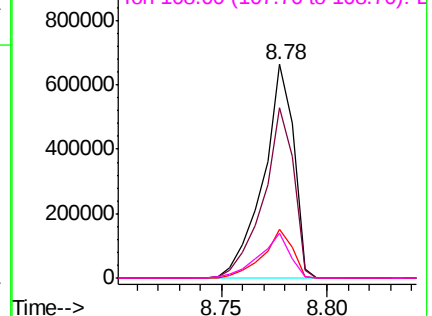
Abundance

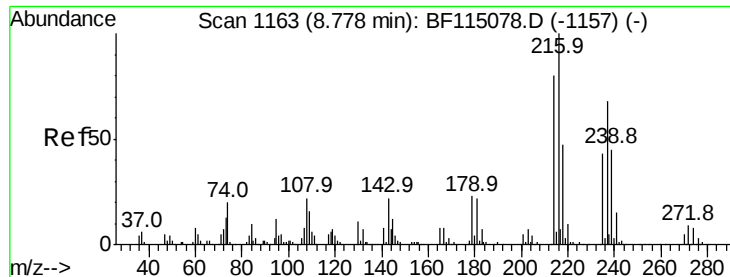
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.393 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampled :

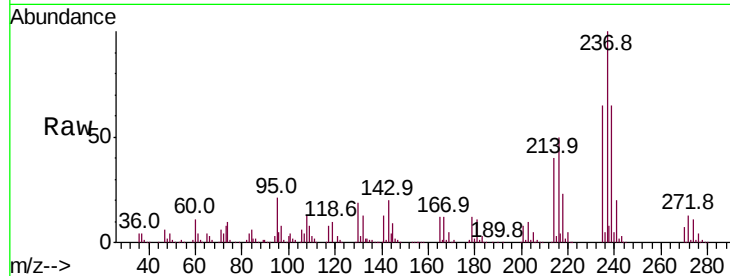
Tot Ion:237 Resp: 724239

Ion Ratio Lower Upper

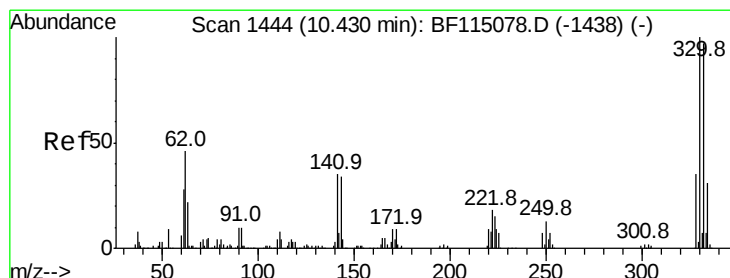
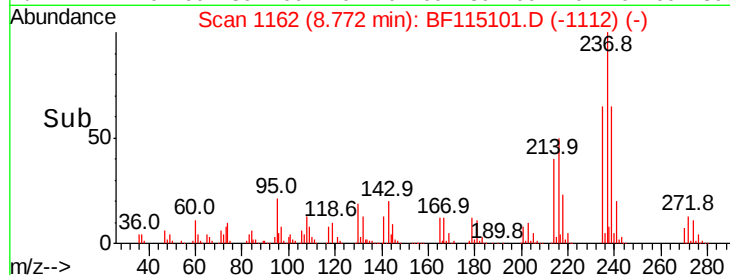
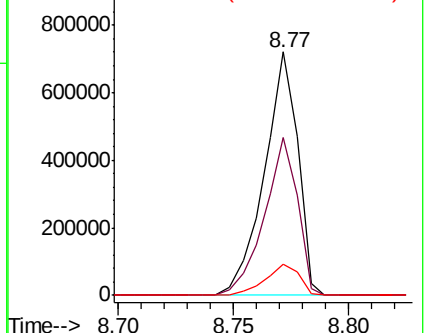
237 100

235 65.1 43.9 83.9

272 13.0 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.350 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

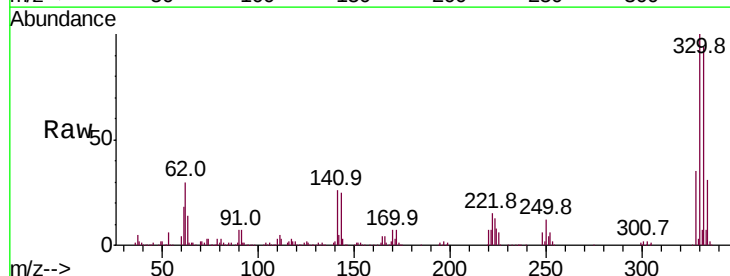
Tgt Ion:330 Resp: 755894

Ion Ratio Lower Upper

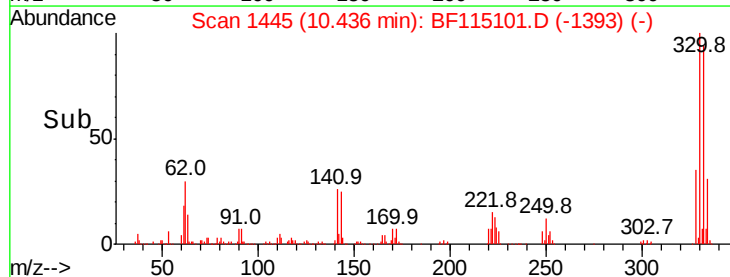
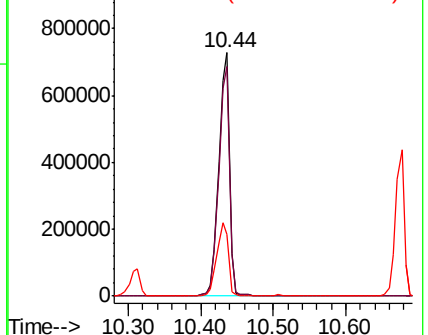
330 100

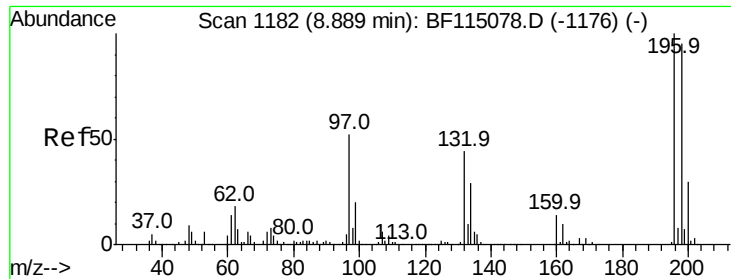
332 95.6 77.3 115.9

141 32.7 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

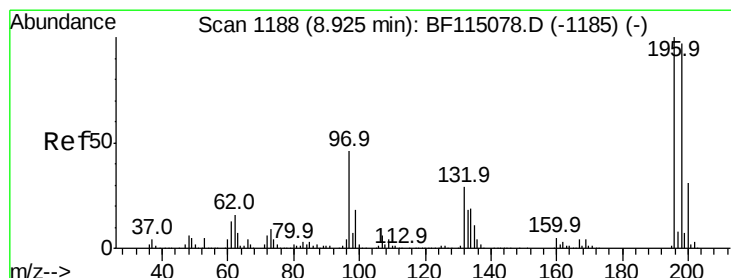
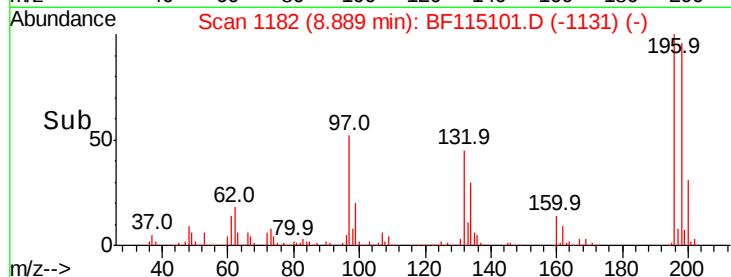
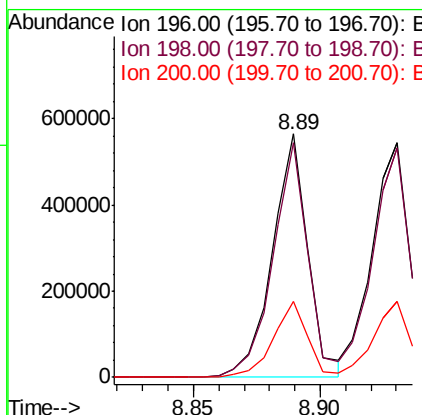
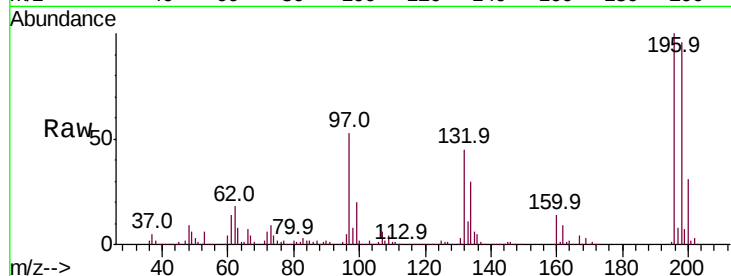




#43
 2,4,6-Trichlorophenol
 Concen: 45.387 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

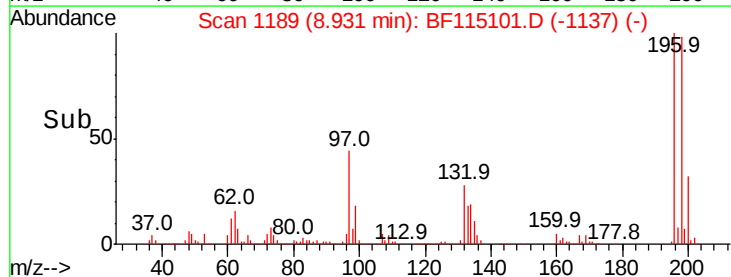
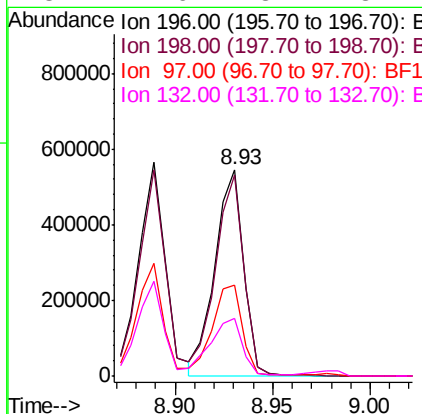
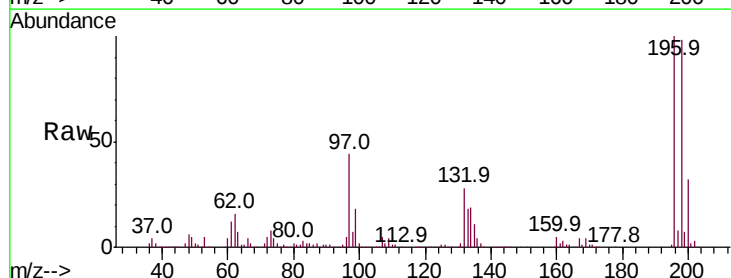
Instrument :
 BNA_F
 ClientSampled :

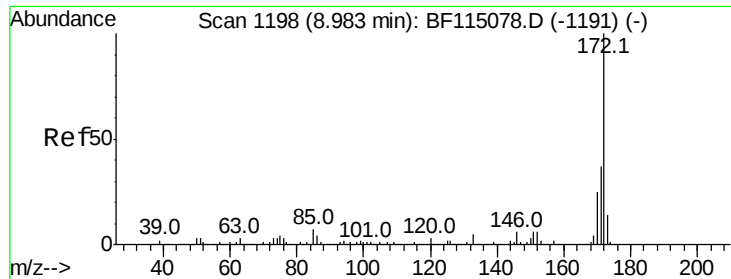
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.3	114.5
200	31.0	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 44.262 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.1	115.7
97	44.0	37.7	56.5
132	27.6	23.1	34.7

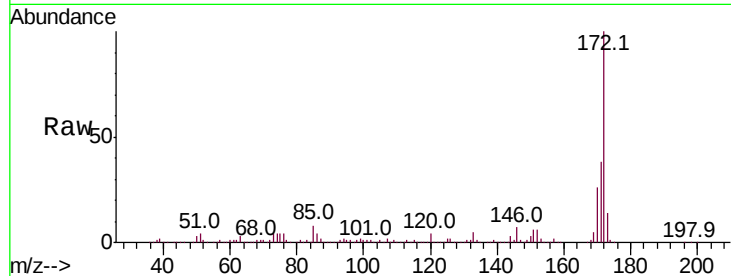




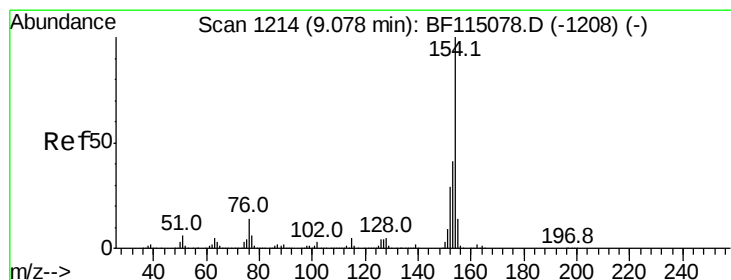
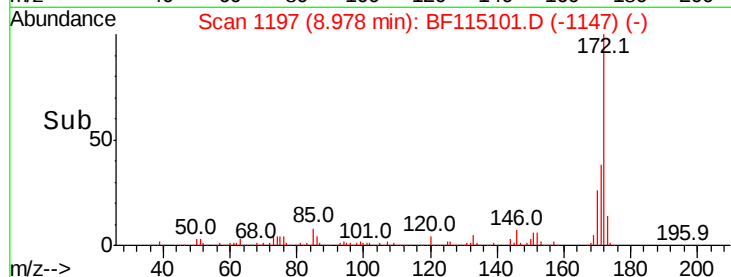
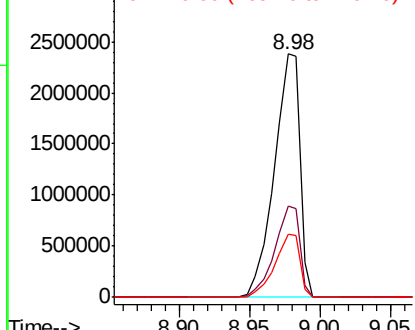
#45
2-Fluorobiphenyl
Concen: 91.936 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3022698
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.7 20.3 30.5

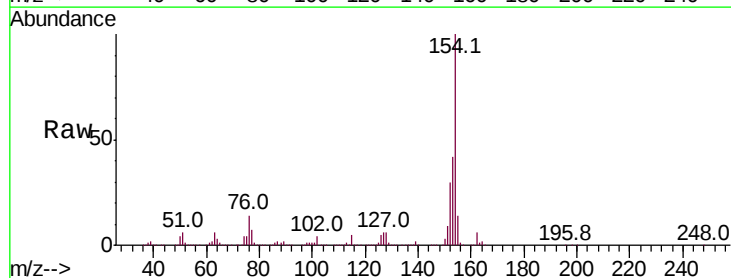


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

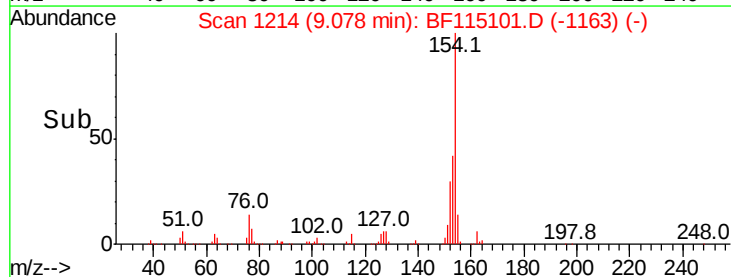
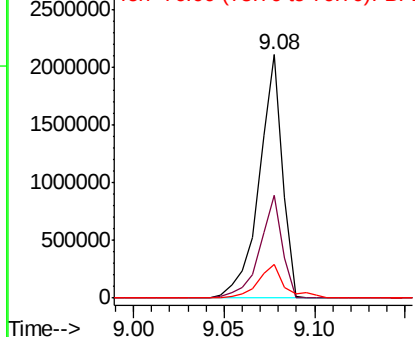


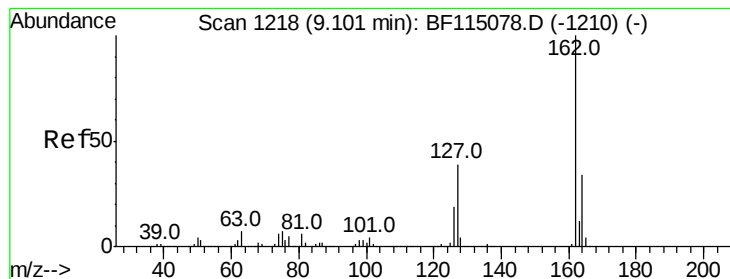
#46
1,1'-Biphenyl
Concen: 41.960 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:154 Resp: 1875004
Ion Ratio Lower Upper
154 100
153 42.4 20.9 60.9
76 13.8 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 42.189 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

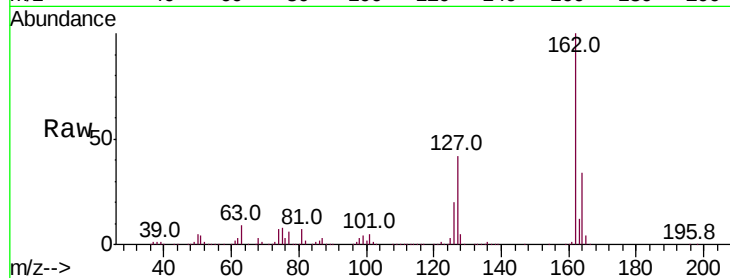
Tot Ion:162 Resp: 1529223

Ion Ratio Lower Upper

162 100

127 41.6 30.8 46.2

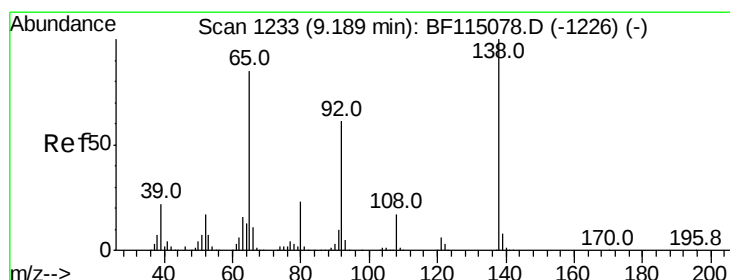
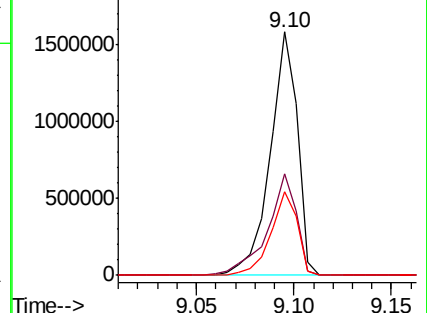
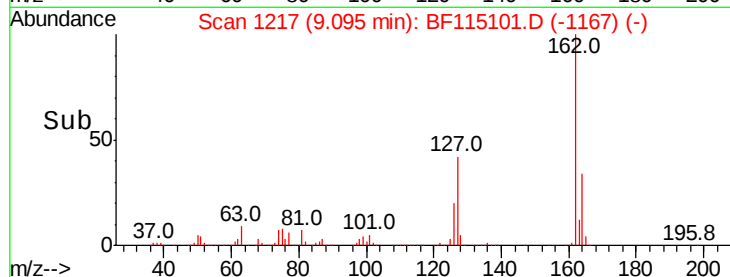
164 34.1 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.343 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

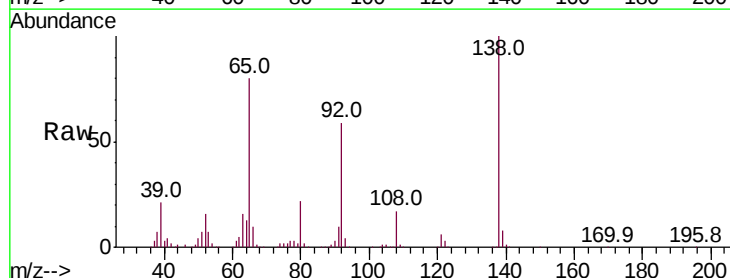
Tgt Ion: 65 Resp: 458036

Ion Ratio Lower Upper

65 100

92 74.0 57.4 86.2

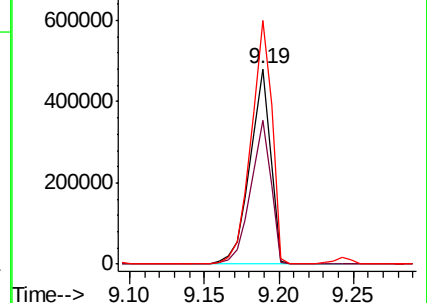
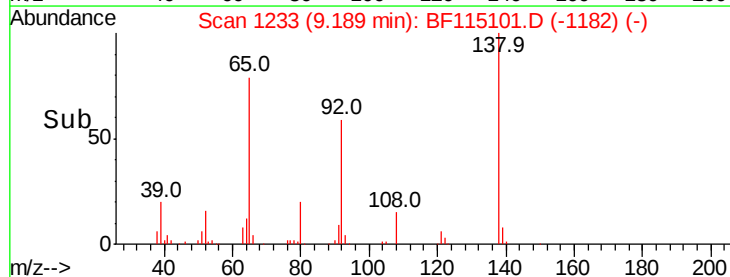
138 124.7 94.1 141.1

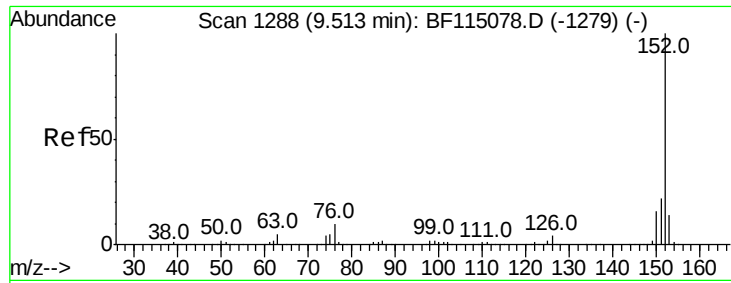


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.183 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

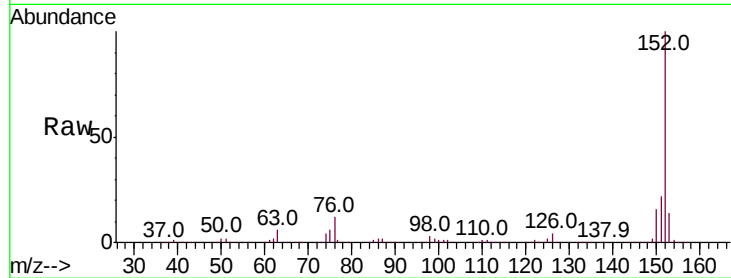
Tot Ion:152 Resp: 2382251

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

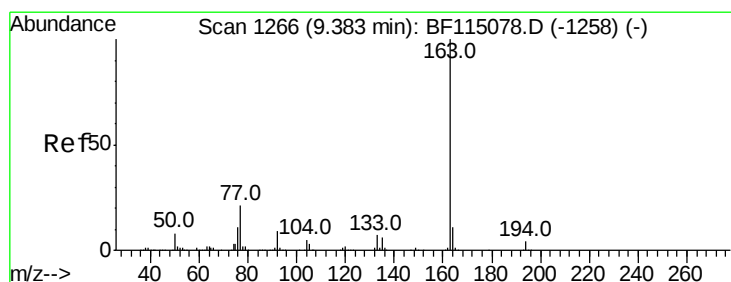
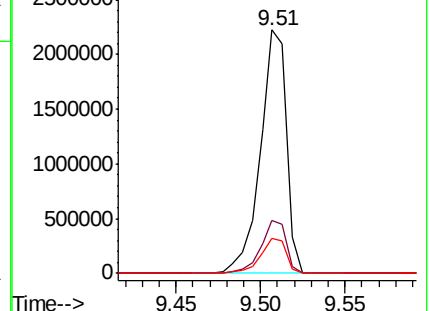
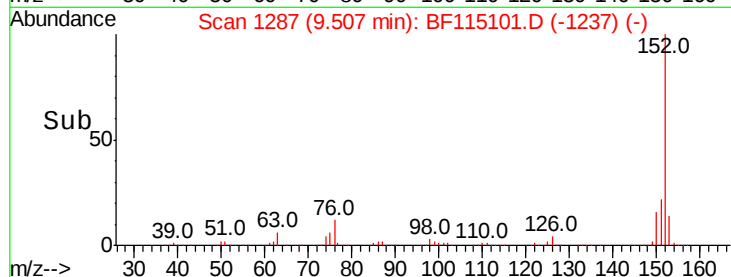
153 14.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.753 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

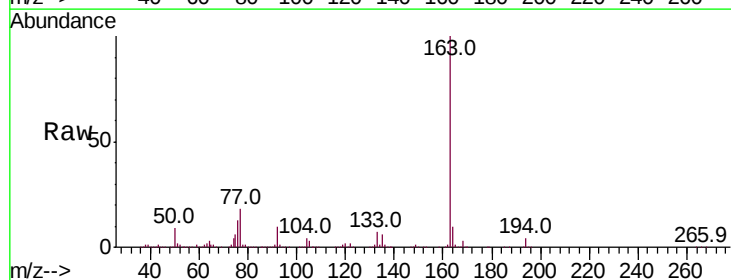
Tgt Ion:163 Resp: 1756641

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

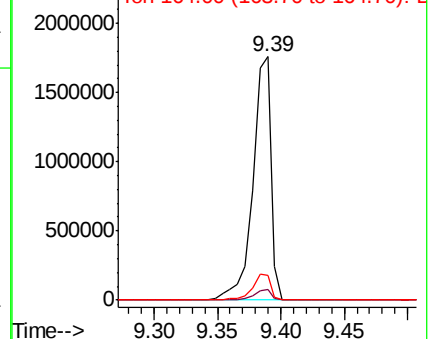
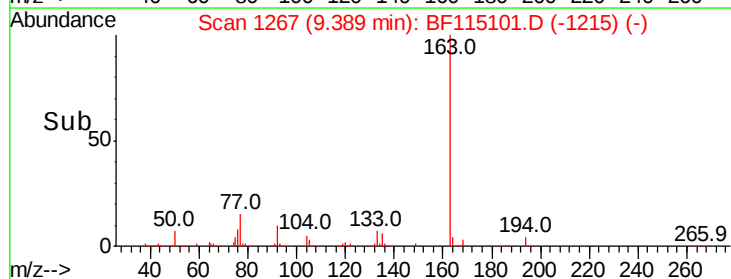
164 10.4 8.6 13.0

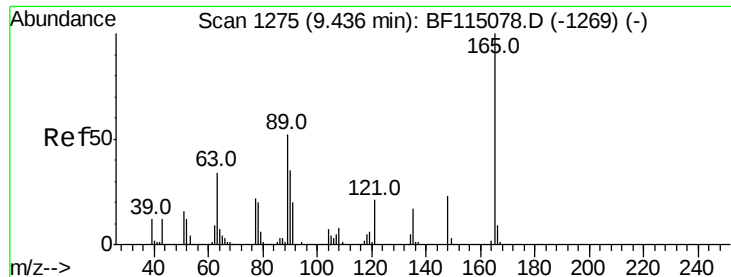


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.170 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

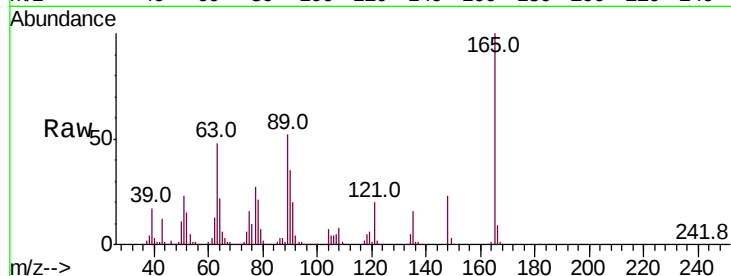
Tot Ion:165 Resp: 428482

Ion Ratio Lower Upper

165 100

63 48.3 39.4 59.2

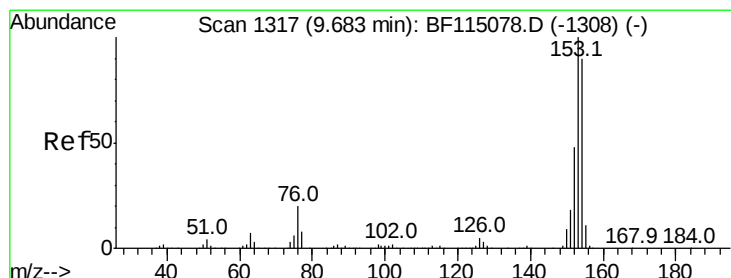
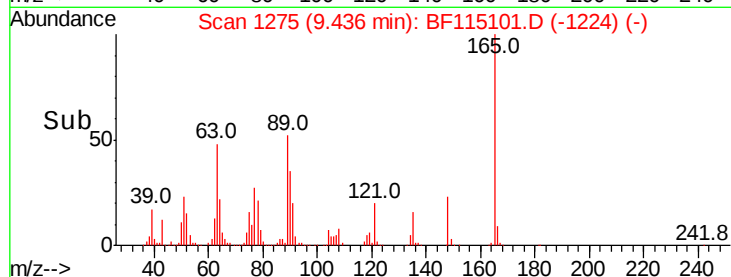
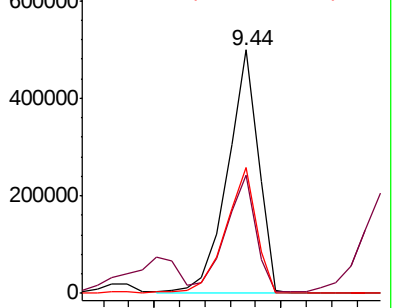
89 51.9 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.651 ng

RT: 9.68 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

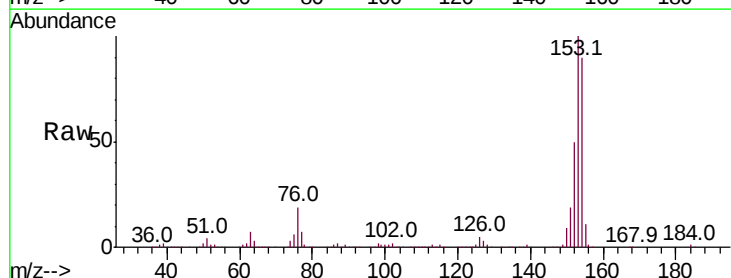
Tgt Ion:154 Resp: 1648590

Ion Ratio Lower Upper

154 100

153 110.6 88.7 133.1

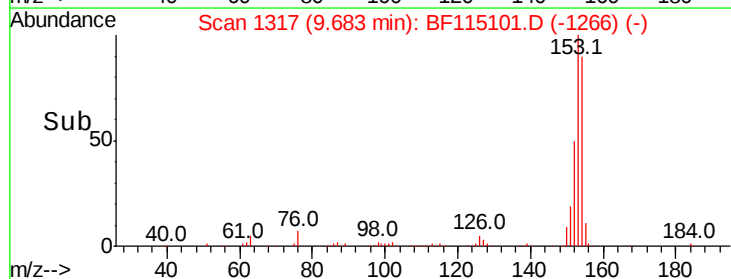
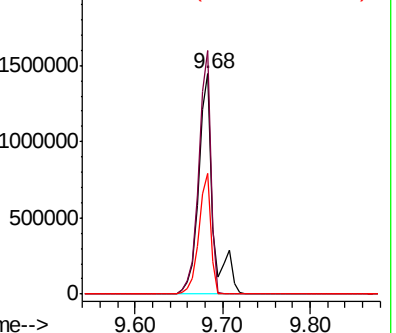
152 55.1 42.6 64.0

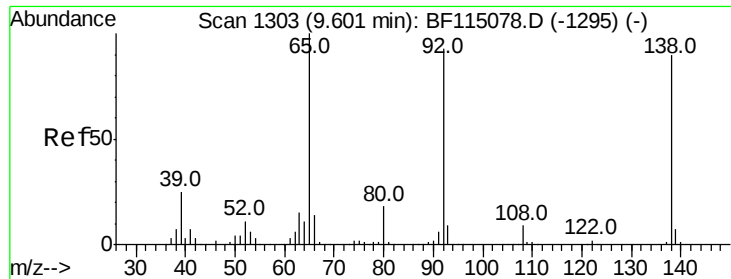


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

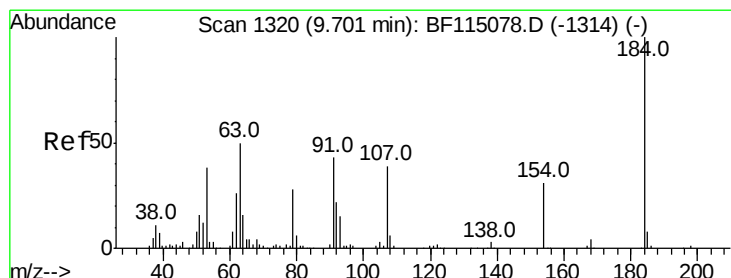
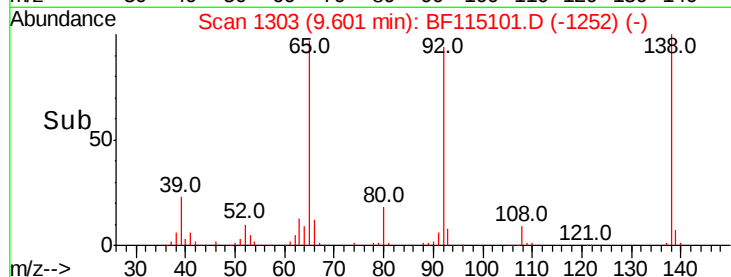
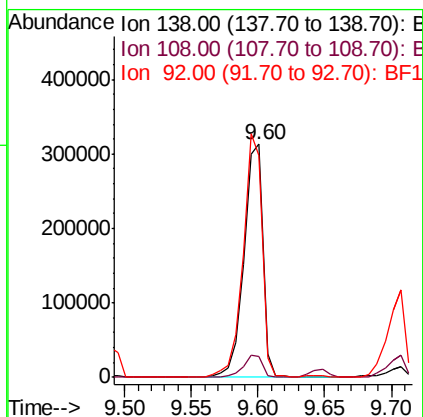
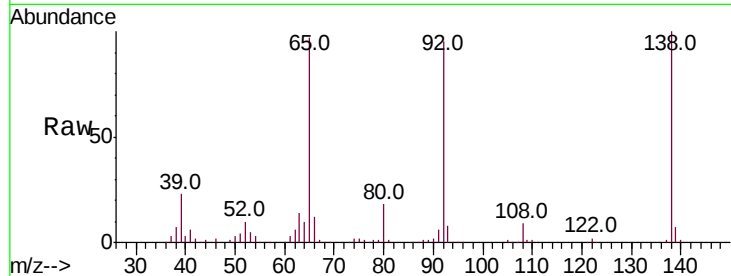




#53
 3-Nitroaniline
 Concen: 26.585 ng
 RT: 9.60 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

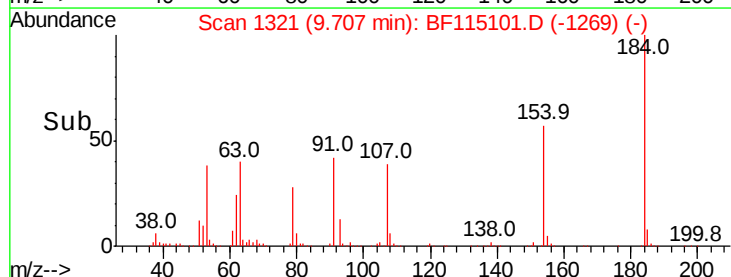
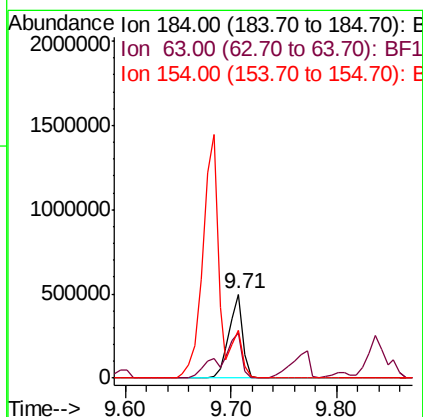
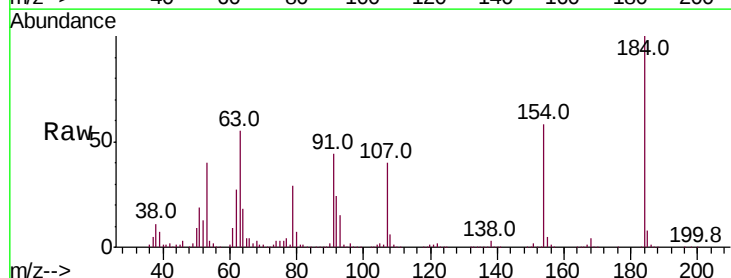
Instrument :
 BNA_F
 ClientSampleId :

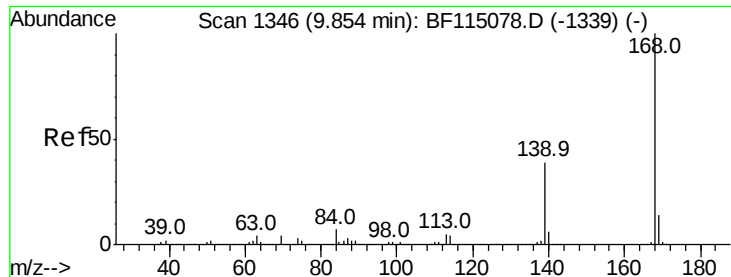
Tot Ion:138 Resp: 307745
 Ion Ratio Lower Upper
 138 100
 108 9.2 7.8 11.6
 92 95.3 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 90.566 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion:184 Resp: 447282
 Ion Ratio Lower Upper
 184 100
 63 54.8 41.9 62.9
 154 57.6 44.7 67.1

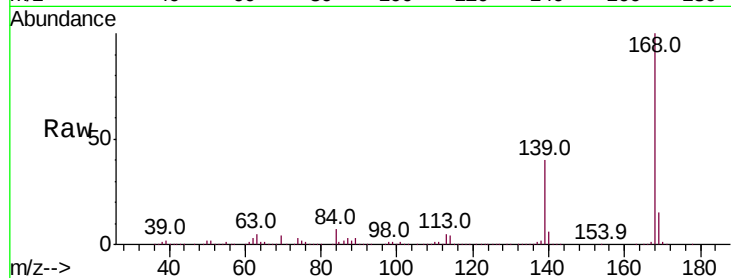




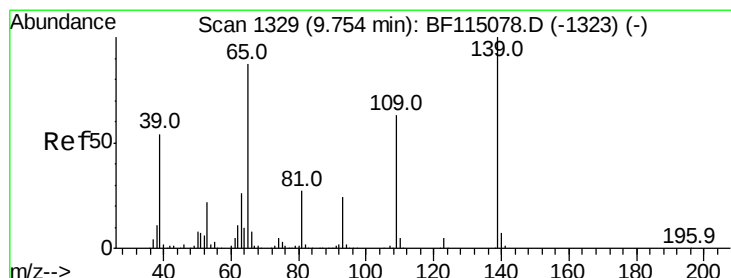
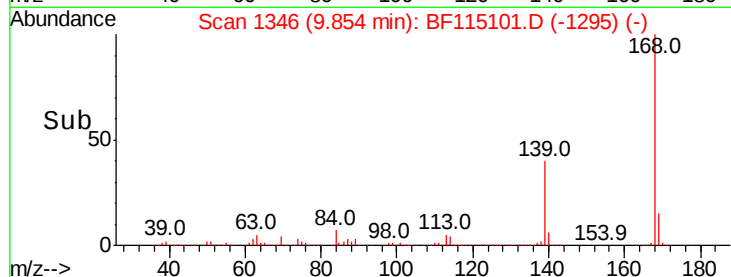
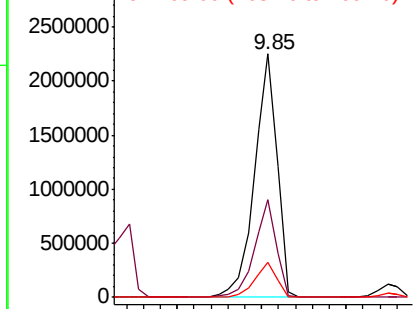
#55
Dibenzenofuran
Concen: 41.393 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2099463
Ion Ratio Lower Upper
168 100
139 40.3 31.1 46.7
169 14.6 11.3 16.9

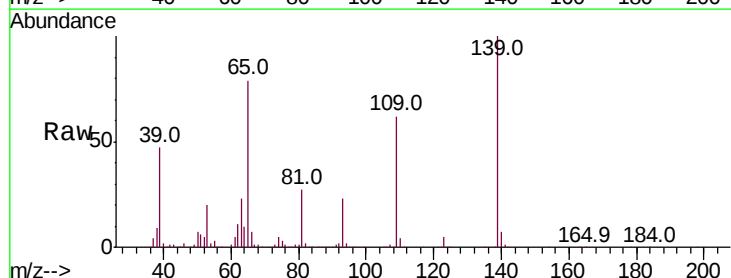


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

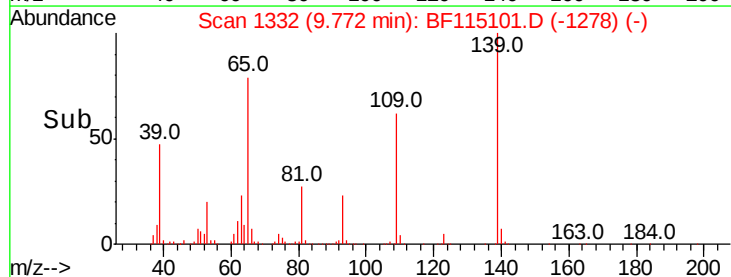
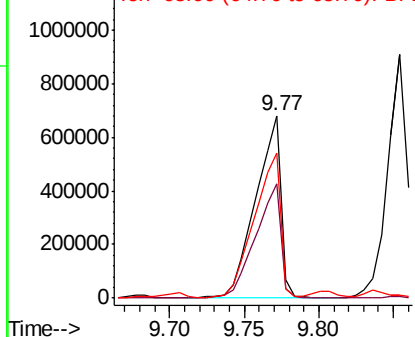


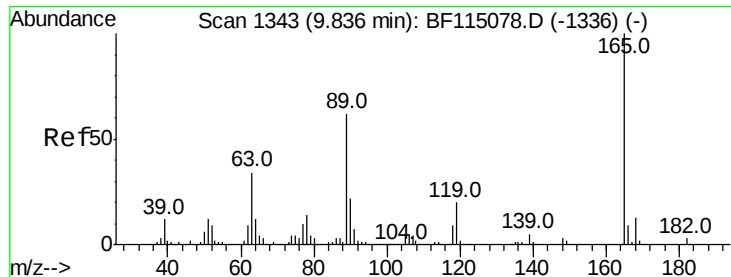
#56
4-Nitrophenol
Concen: 85.052 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:139 Resp: 789331
Ion Ratio Lower Upper
139 100
109 62.5 43.0 83.0
65 79.4 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

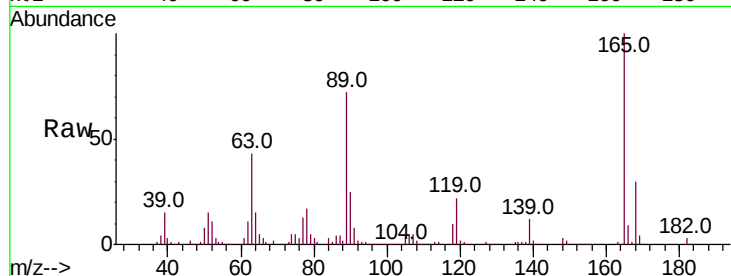




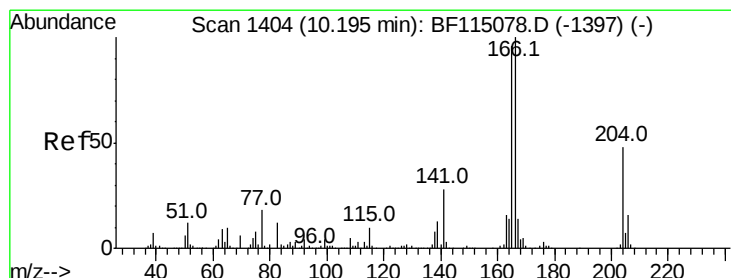
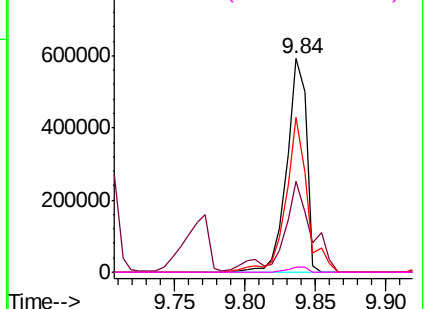
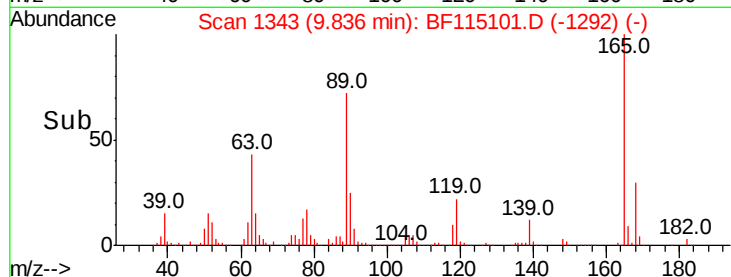
#57
2,4-Dinitrotoluene
Concen: 46.699 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 571988
Ion Ratio Lower Upper
165 100
63 42.6 27.5 41.3#
89 72.2 49.9 74.9
182 2.6 2.1 3.1

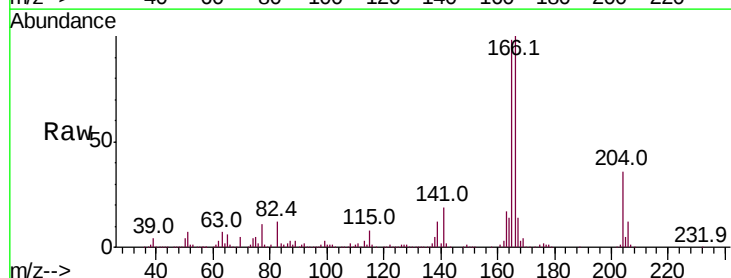


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

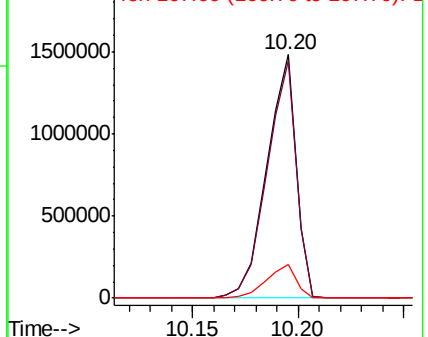
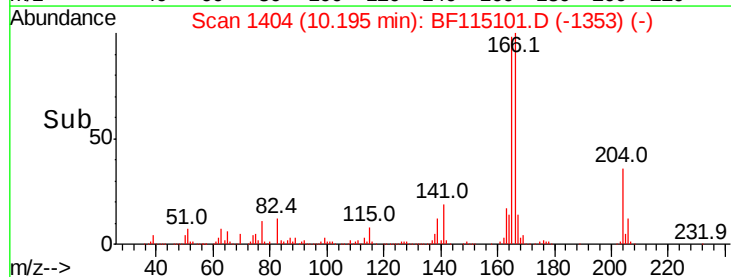


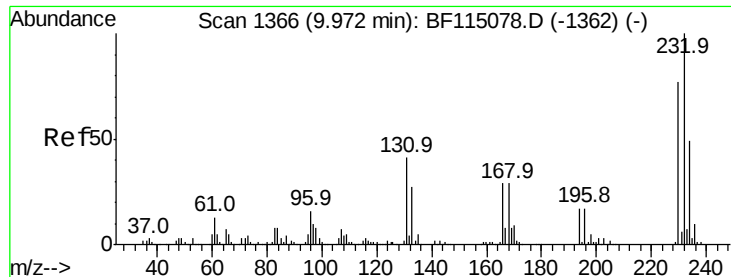
#58
Fluorene
Concen: 41.836 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:166 Resp: 1428420
Ion Ratio Lower Upper
166 100
165 97.6 76.5 114.7
167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

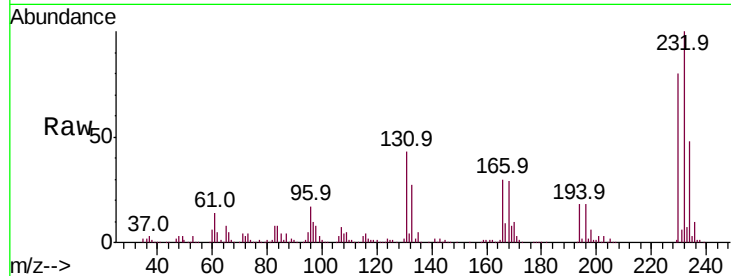




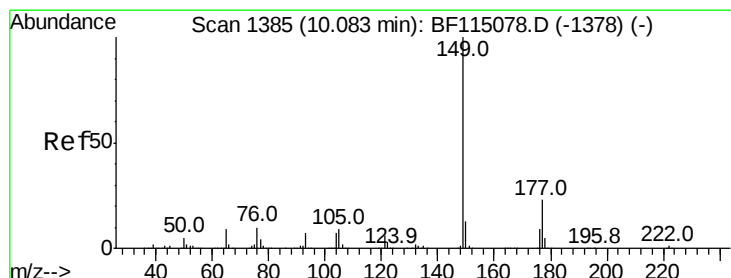
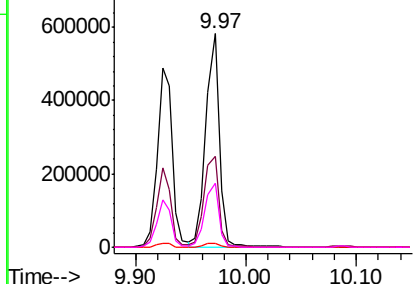
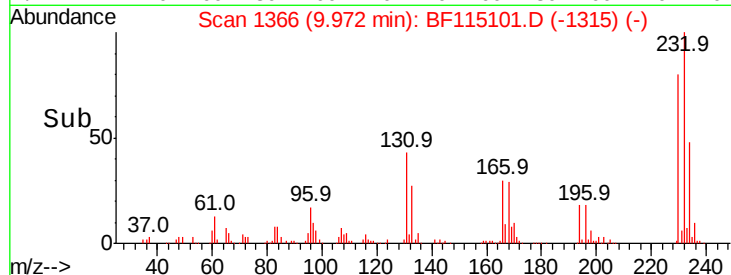
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.694 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	480752
Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.4	56.0
130	2.3	1.8	2.6
166	31.0	24.6	36.8

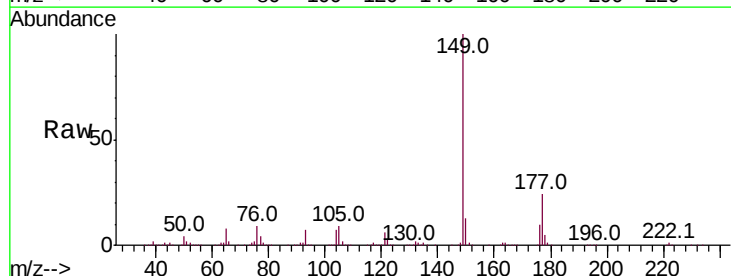


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

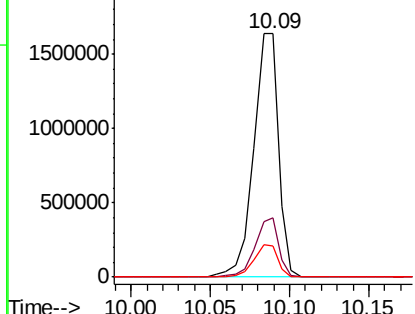
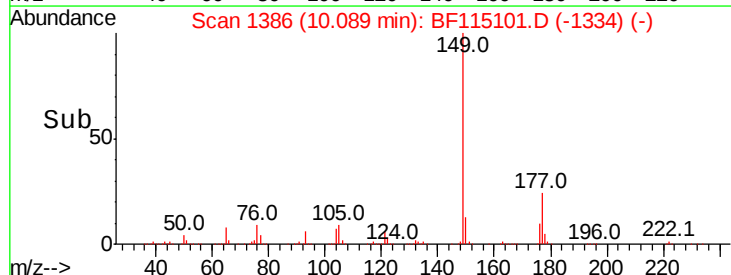


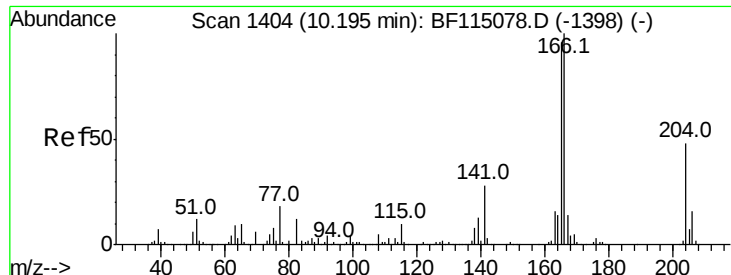
#60
 Diethylphthalate
 Concen: 43.318 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion:	149	Resp:	1789128
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.7	28.1
150	12.7	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

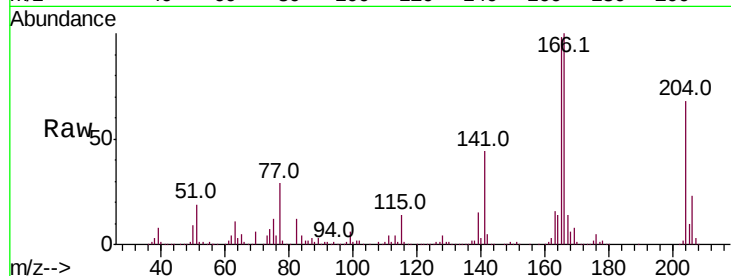




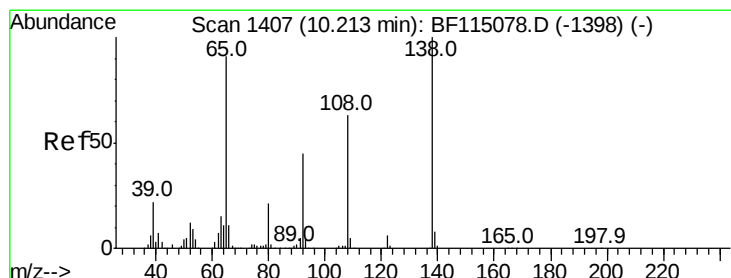
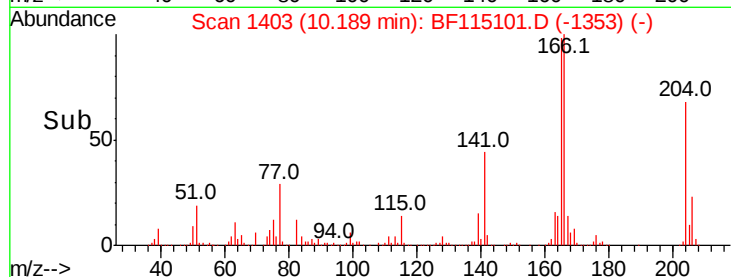
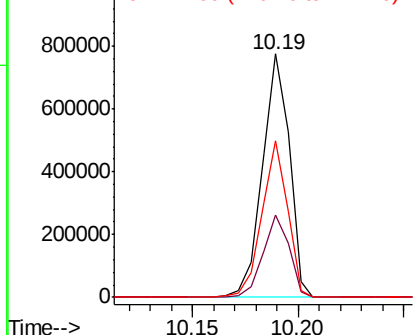
#61
 4-Chlorophenyl-phenylether
 Concen: 42.494 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 688013
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 40.0
 141 64.5 46.7 70.1

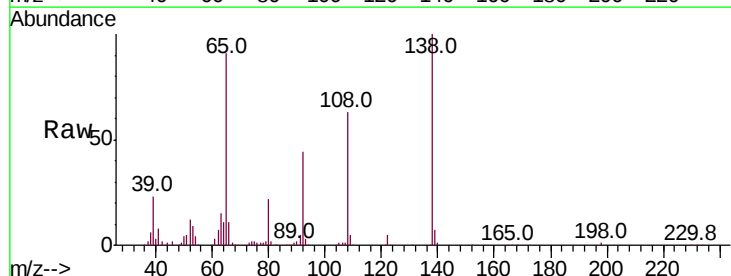


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

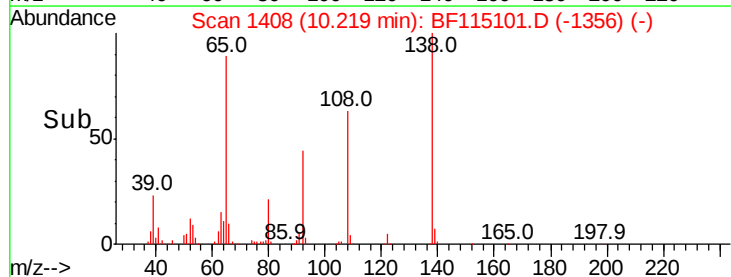
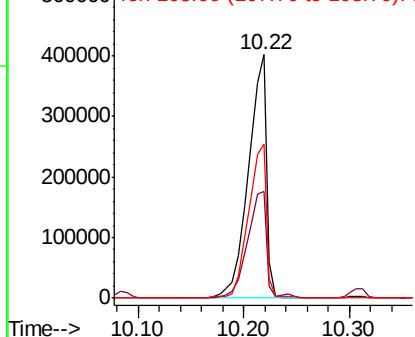


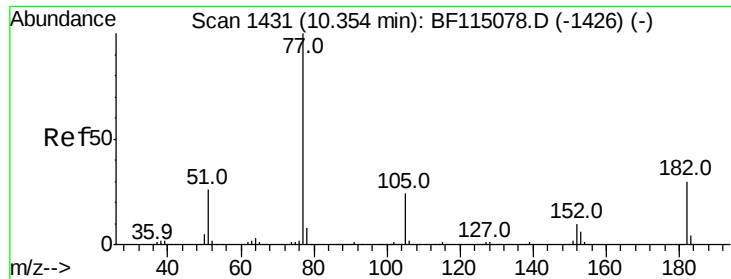
#62
 4-Nitroaniline
 Concen: 41.388 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion:138 Resp: 480638
 Ion Ratio Lower Upper
 138 100
 92 43.6 24.8 64.8
 108 63.2 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

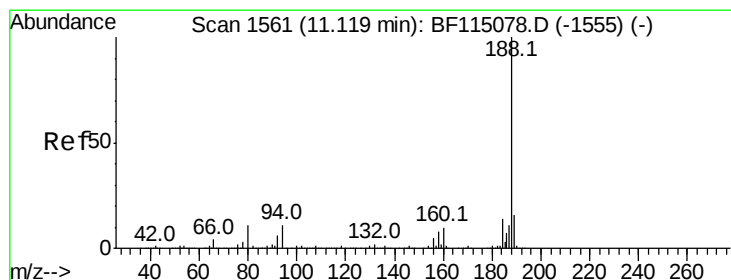
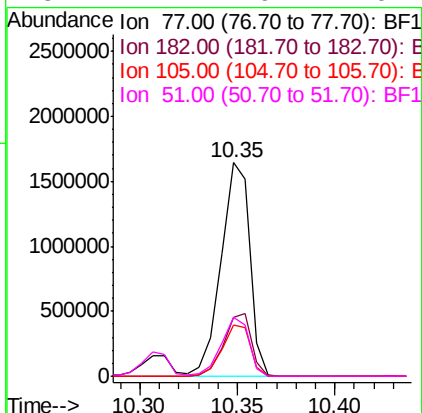
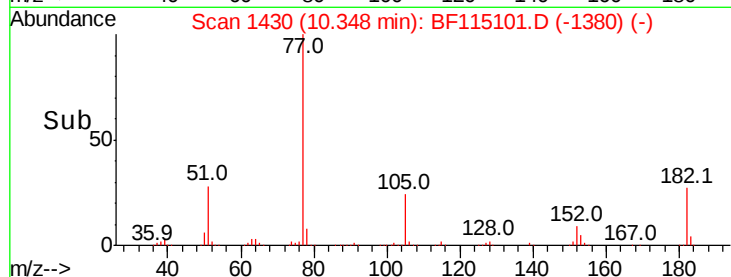
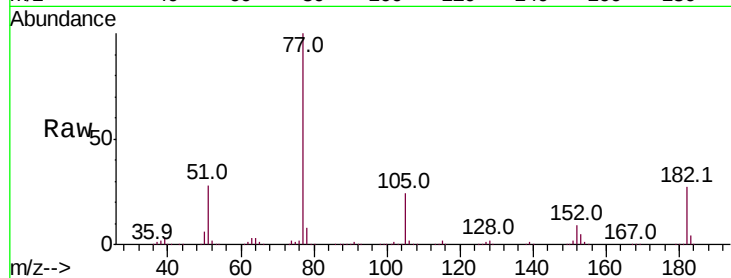




#63
Azobenzene
Concen: 43.318 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

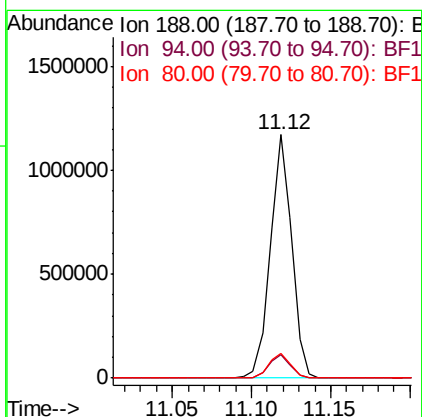
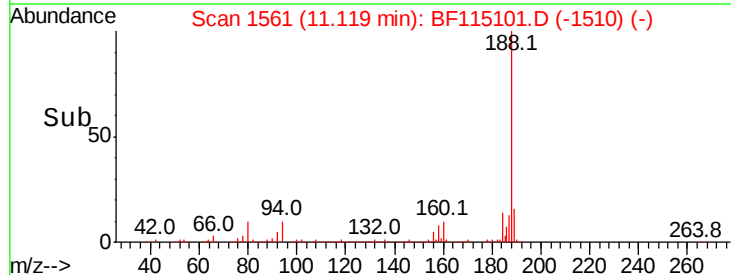
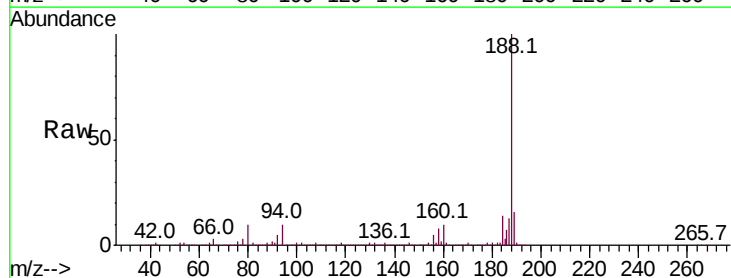
Instrument :
BNA_F
ClientSampleId :

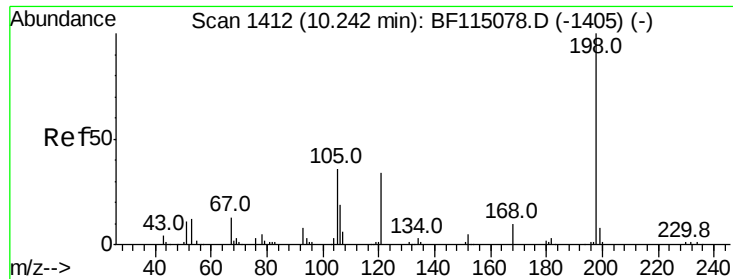
Tot Ion: 77 Resp: 1671122
Ion Ratio Lower Upper
77 100
182 27.3 10.1 50.1
105 24.0 4.5 44.5
51 27.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:188 Resp: 1105002
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 10.4 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 46.116 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

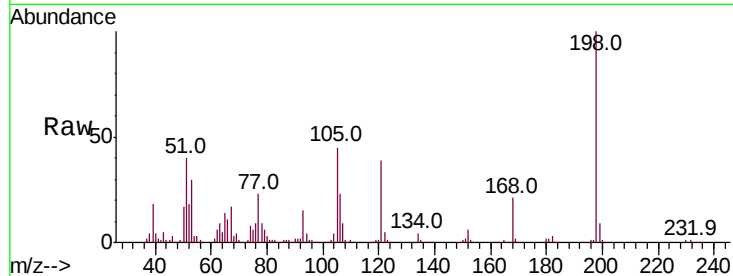
Tot Ion:198 Resp: 269862

Ion Ratio Lower Upper

198 100

51 39.9 11.0 51.0

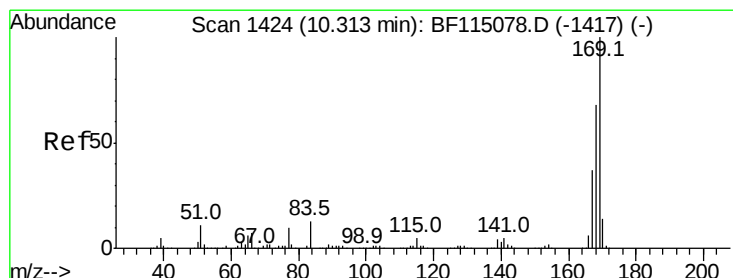
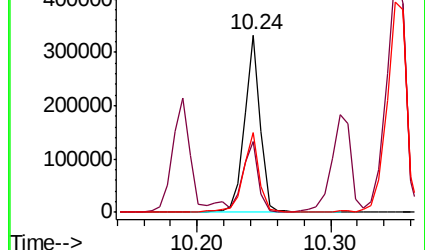
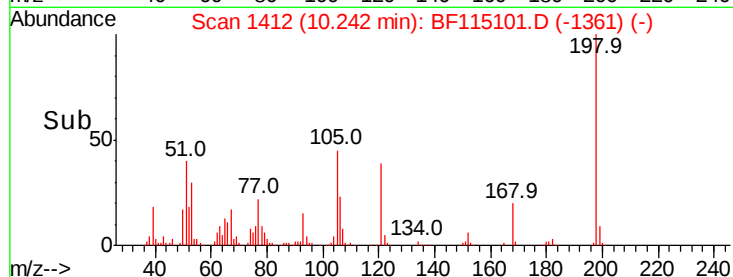
105 44.9 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.221 ng

RT: 10.31 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

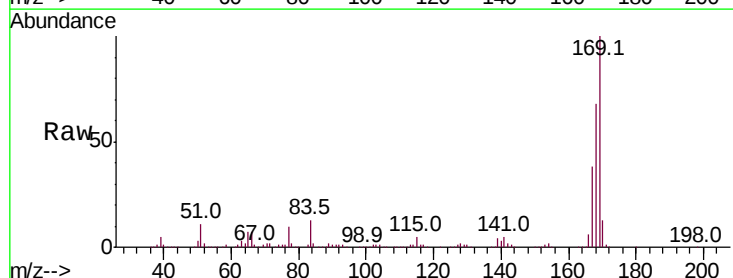
Tgt Ion:169 Resp: 1487925

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

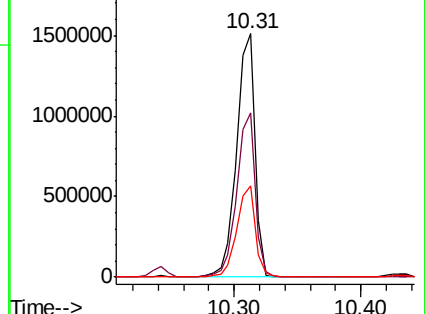
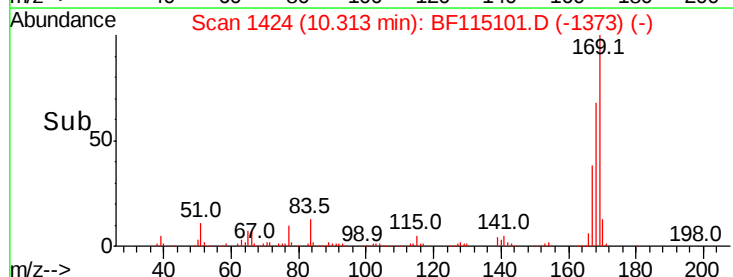
167 37.6 29.4 44.0

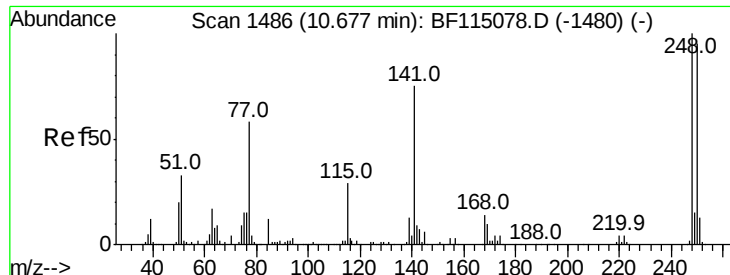


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

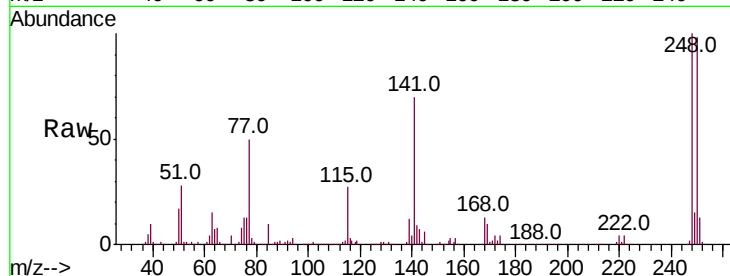




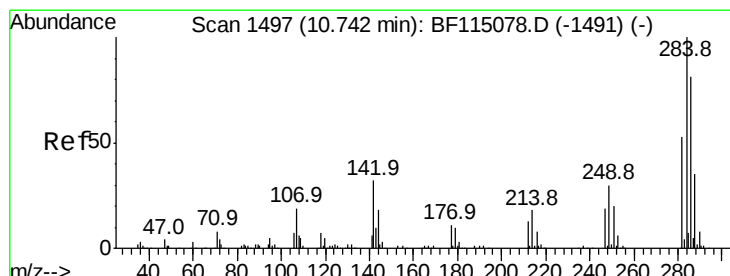
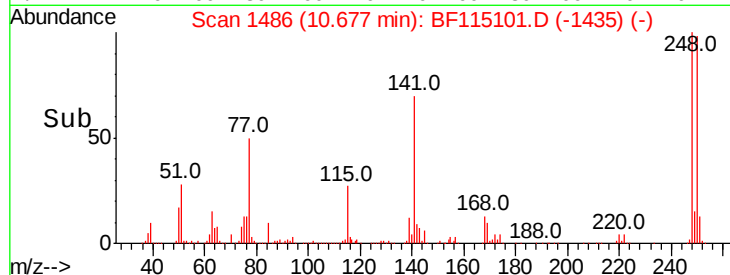
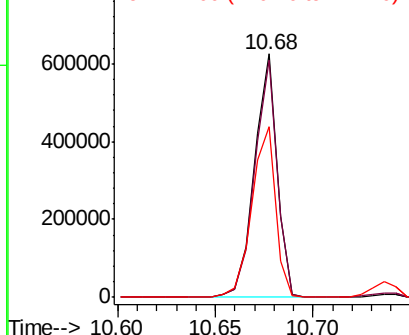
#67
 4-Bromophenyl-phenylether
 Concen: 41.914 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 502154
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.2 114.2
 141 70.0 59.6 89.4

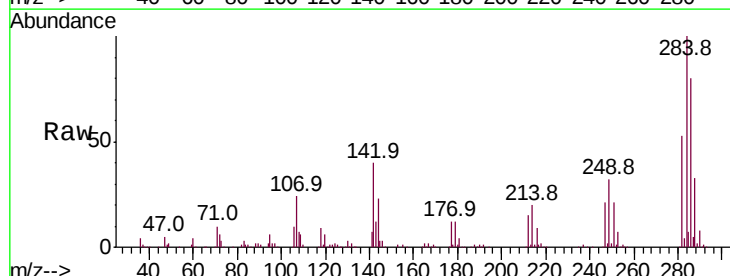


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

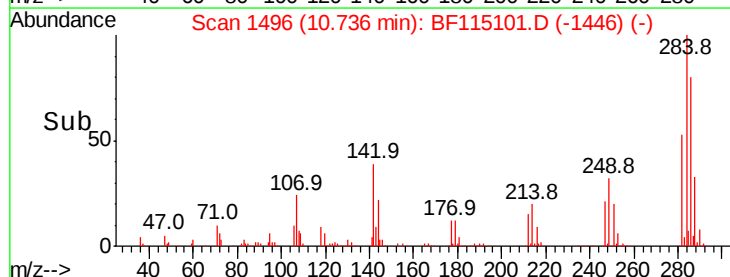
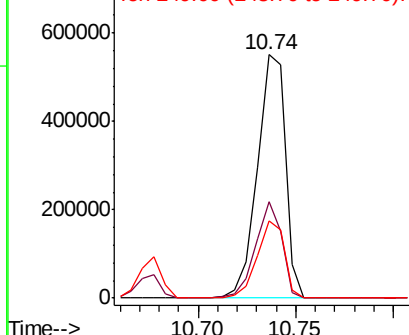


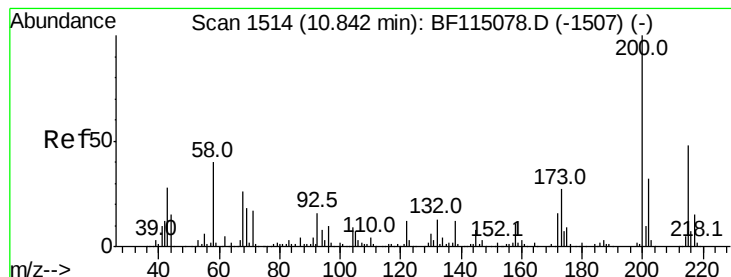
#68
 Hexachlorobenzene
 Concen: 42.313 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion:284 Resp: 550237
 Ion Ratio Lower Upper
 284 100
 142 39.6 25.8 38.8#
 249 32.0 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.009 ng

RT: 10.84 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

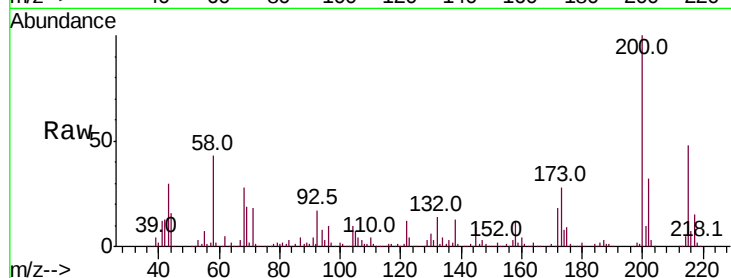
Tot Ion:200 Resp: 476295

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

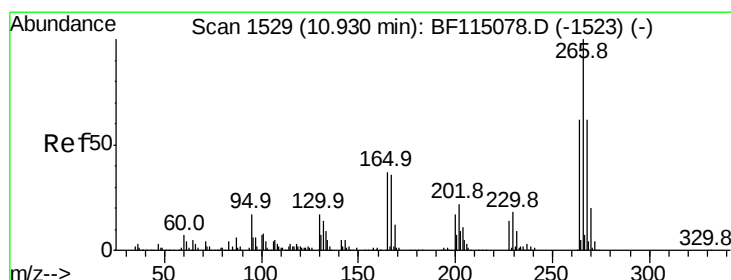
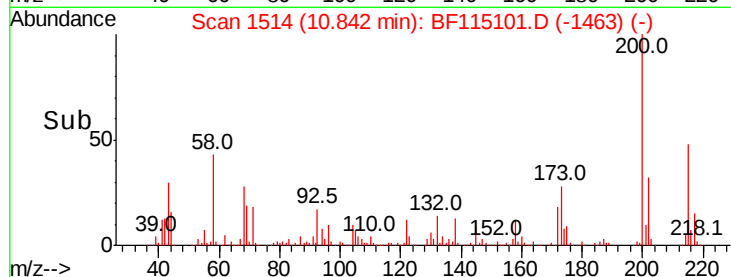
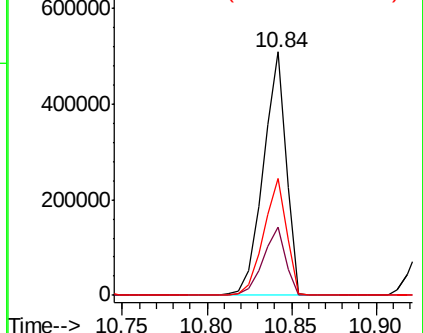
215 48.0 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.944 ng

RT: 10.93 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

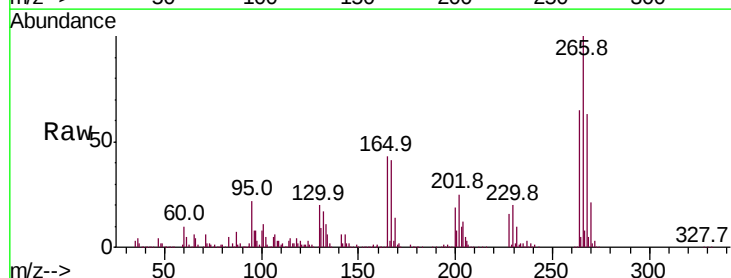
Tgt Ion:266 Resp: 654011

Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

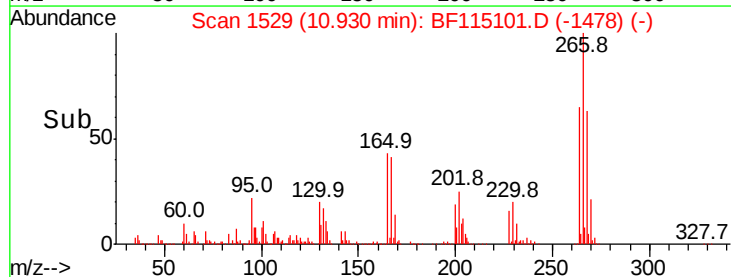
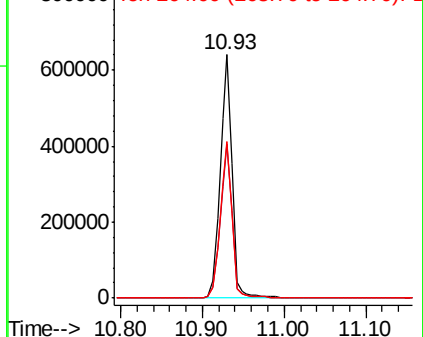
264 64.5 49.3 73.9

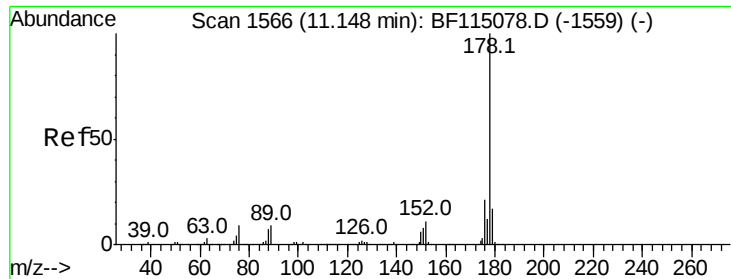


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.405 ng

RT: 11.15 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

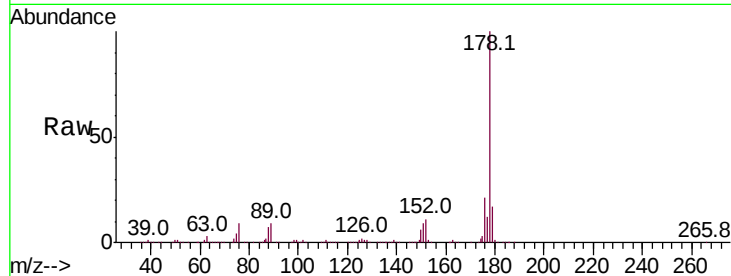
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2344421

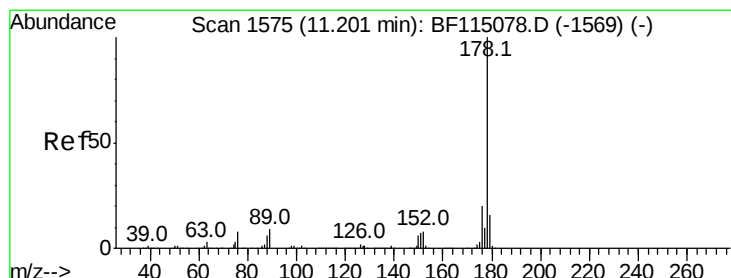
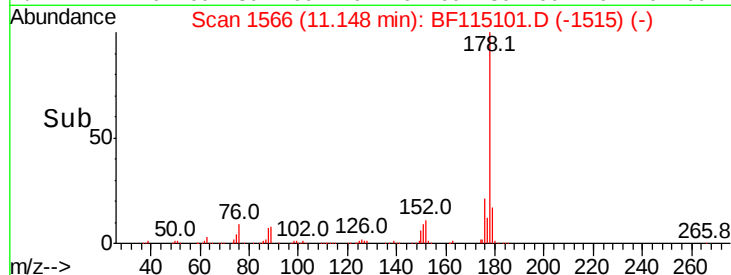
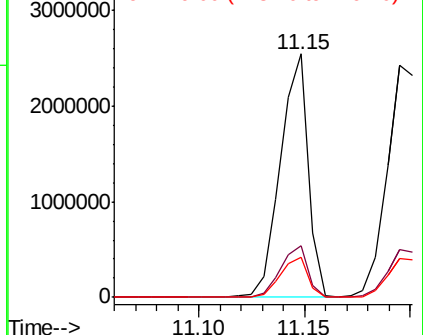
Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.9	25.3
179	16.7	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.779 ng

RT: 11.20 min Scan# 1574

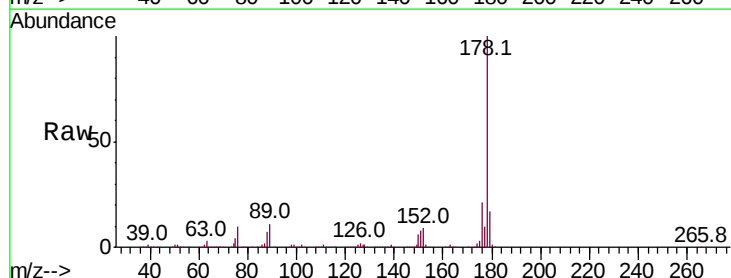
Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:178 Resp: 2449045

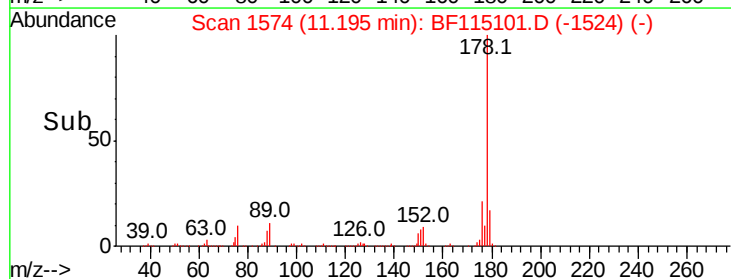
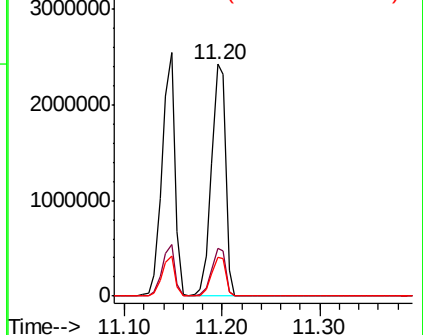
Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	17.0	12.9	19.3

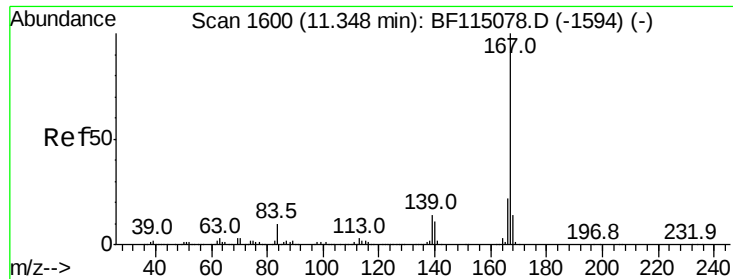


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



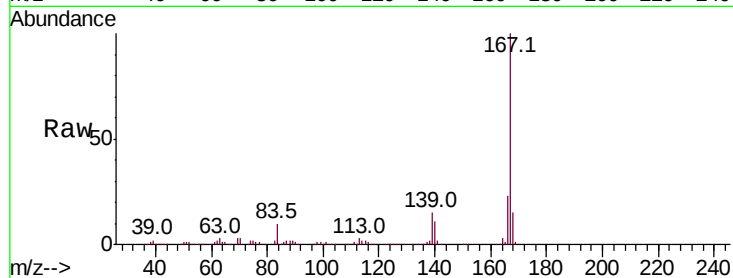


#73
 Carbazole
 Concen: 41.761 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

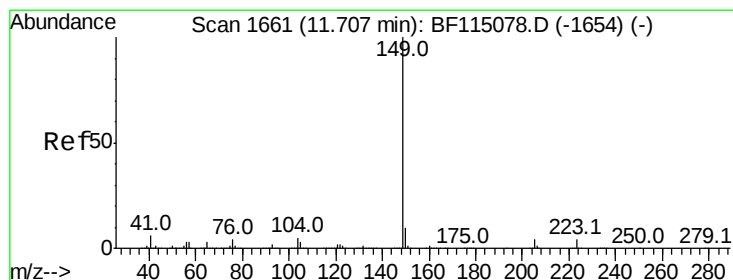
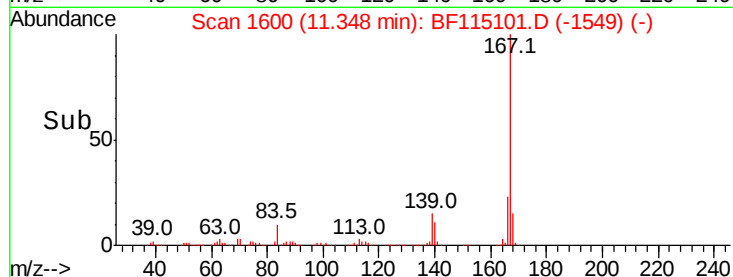
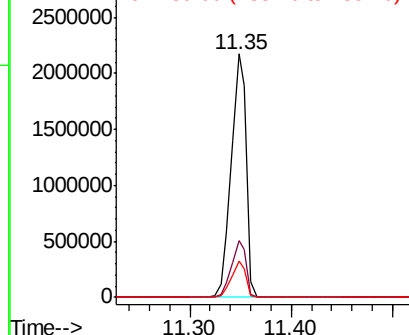
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2239551

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.8	11.1	16.7



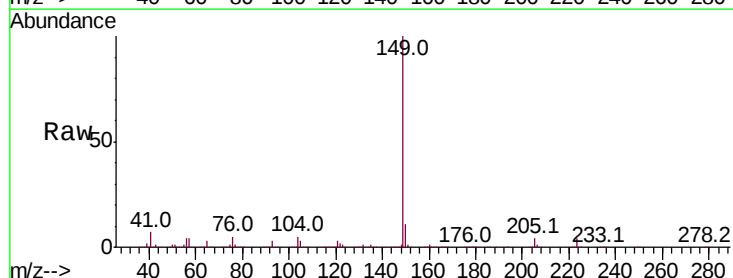
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



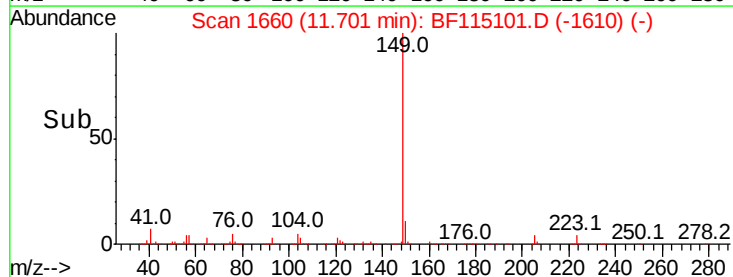
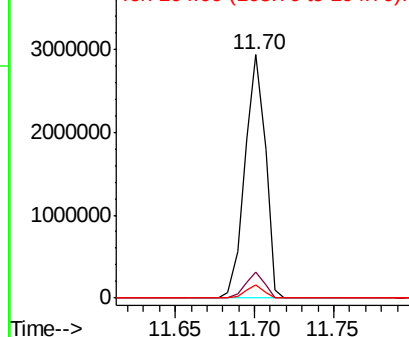
#74
 Di-n-butylphthalate
 Concen: 42.097 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

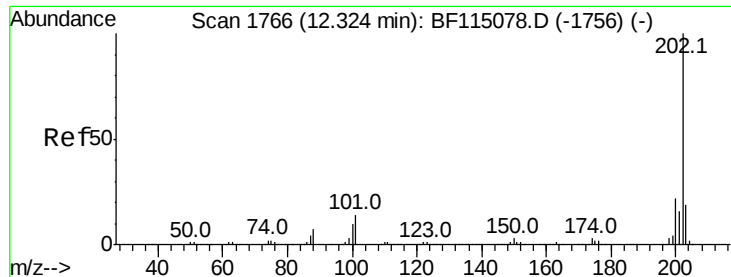
Tgt Ion:149 Resp: 2608776

Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.8
104	5.3	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

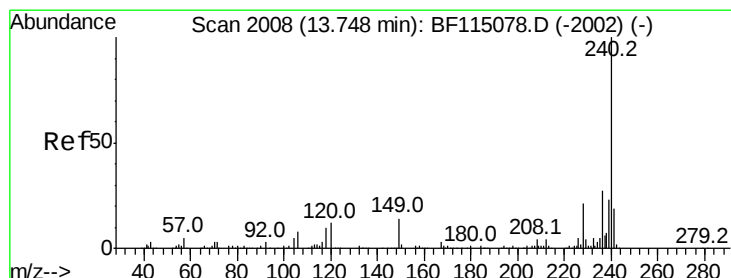
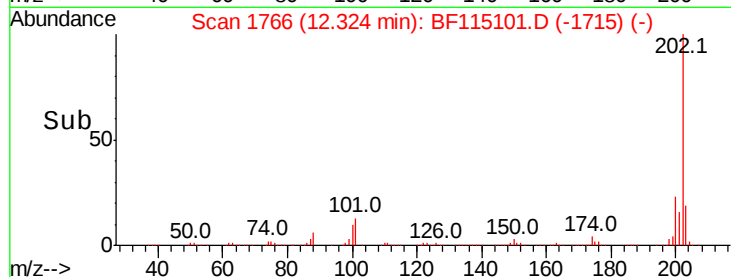
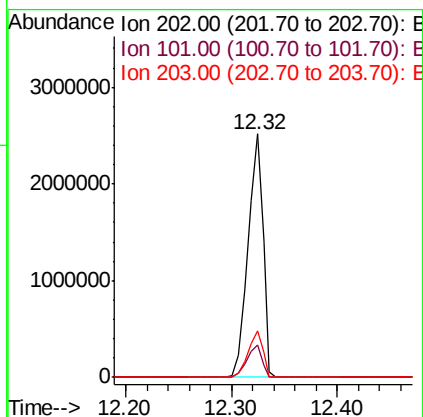
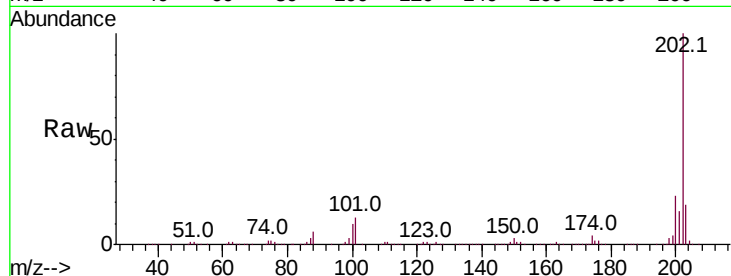




#75
 Fluoranthene
 Concen: 41.616 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

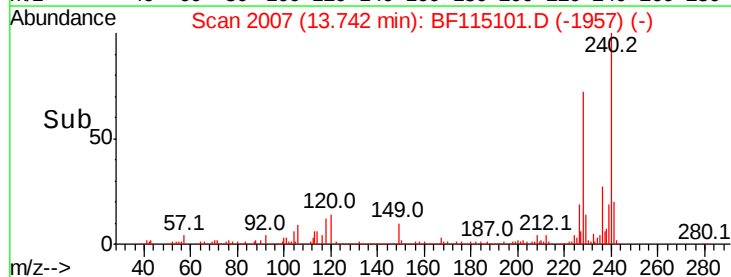
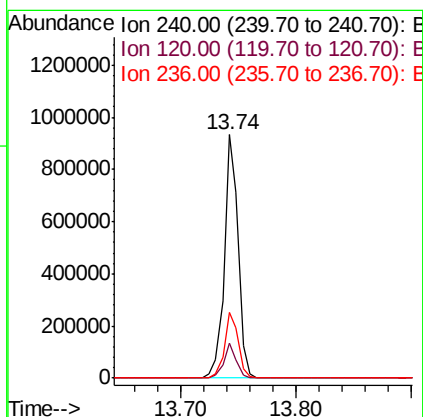
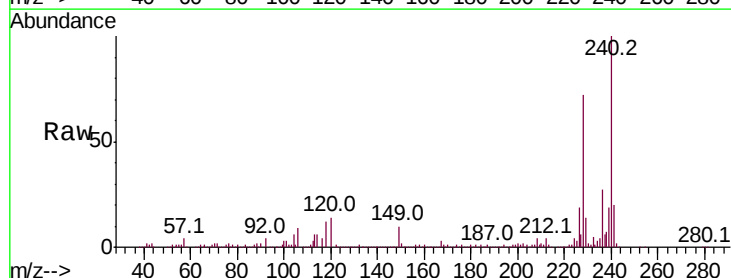
Instrument :
 BNA_F
 ClientSampleId :

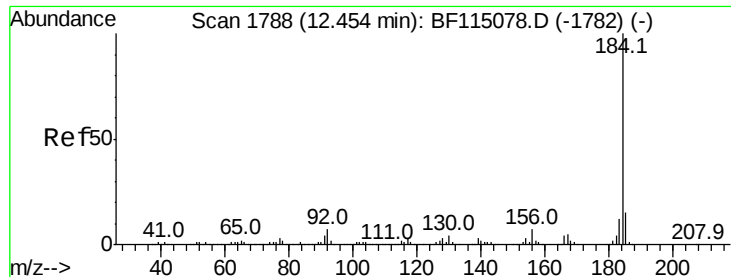
Tot Ion:202 Resp: 2470341
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 34.0
 203 18.8 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion:240 Resp: 769518
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.4 14.2
 236 27.2 21.7 32.5





#77

Benzidine

Concen: 15.254 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

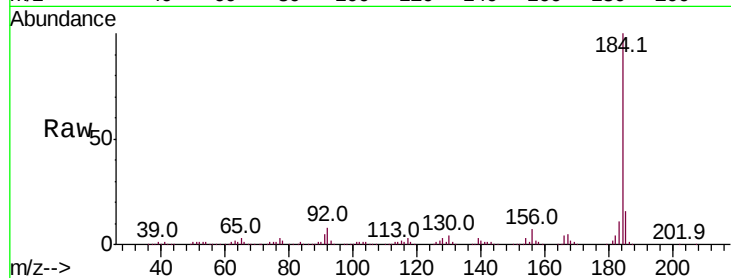
Tot Ion:184 Resp: 521221

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

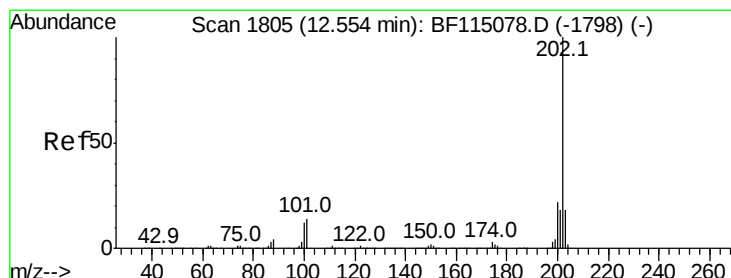
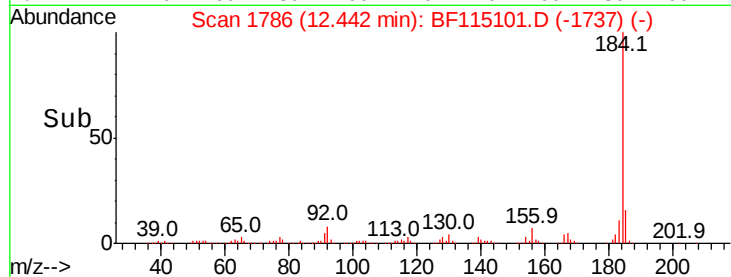
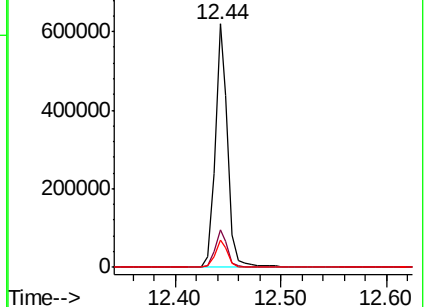
183 11.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.391 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

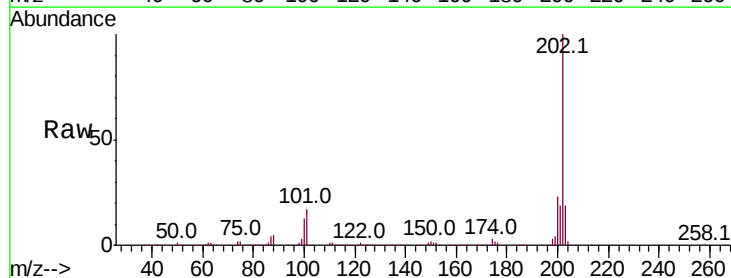
Tgt Ion:202 Resp: 2506916

Ion Ratio Lower Upper

202 100

200 23.3 17.9 26.9

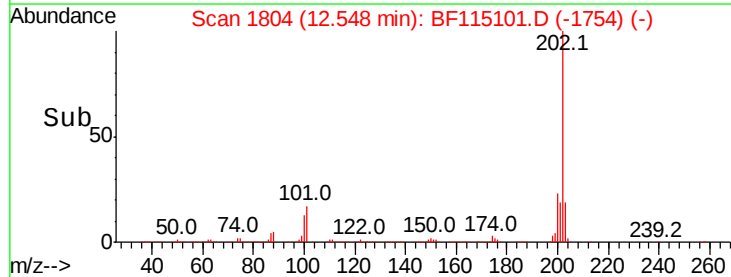
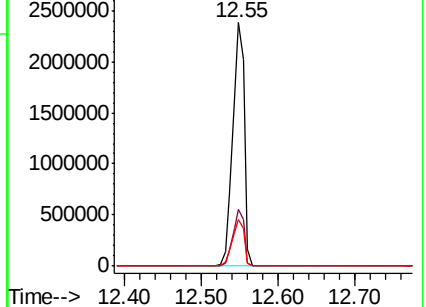
203 19.4 14.6 21.8

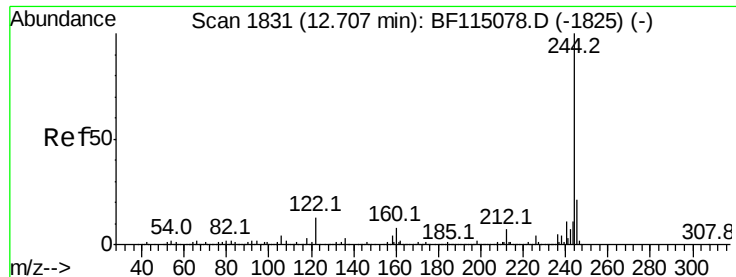


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.743 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

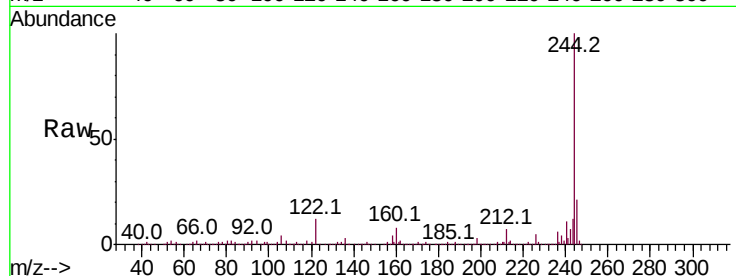
Tot Ion:244 Resp: 3211871

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

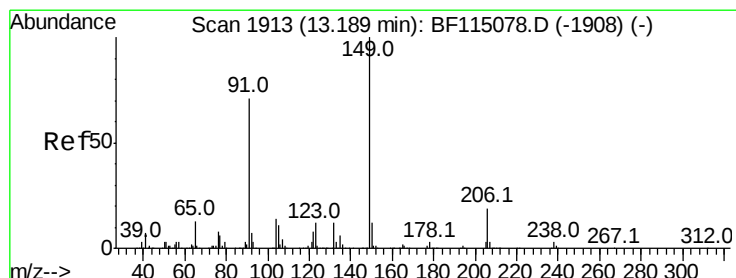
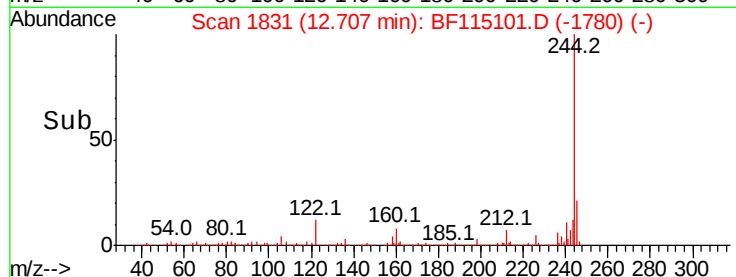
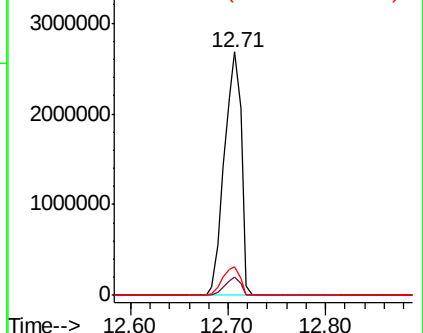
122 11.9 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.187 ng

RT: 13.19 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

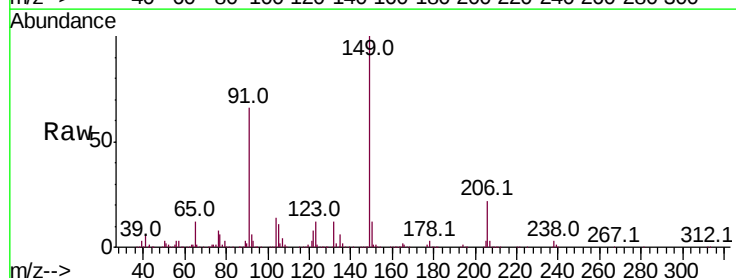
Tgt Ion:149 Resp: 1179289

Ion Ratio Lower Upper

149 100

91 65.8 56.5 84.7

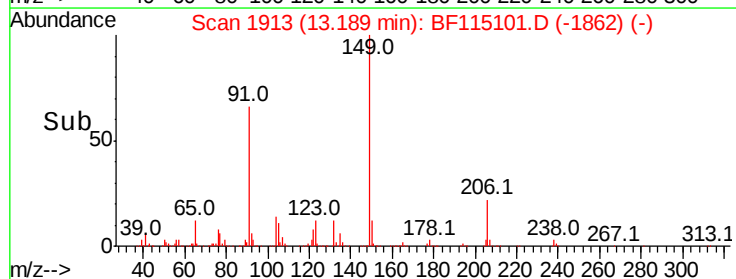
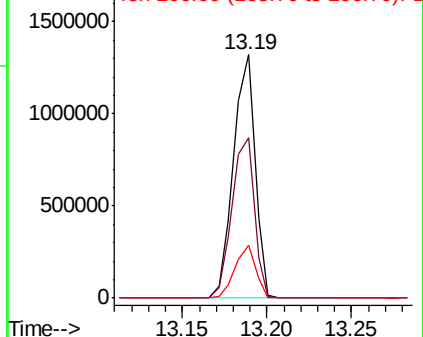
206 21.7 15.3 22.9

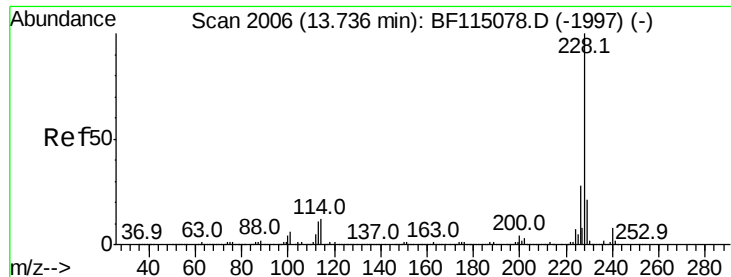


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.434 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

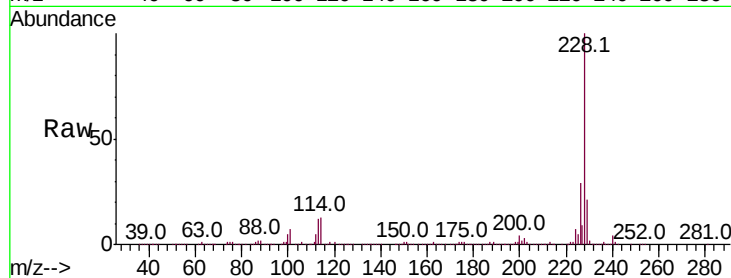
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2287771

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.4	16.6	24.8

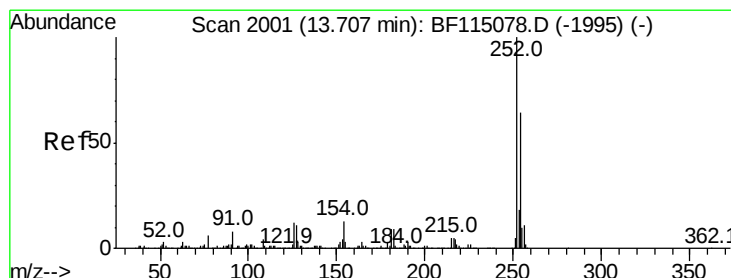
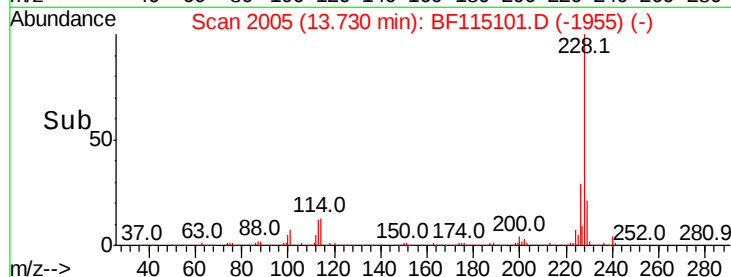
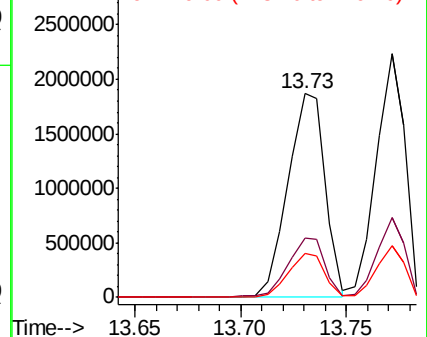


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.861 ng

RT: 13.70 min Scan# 2000

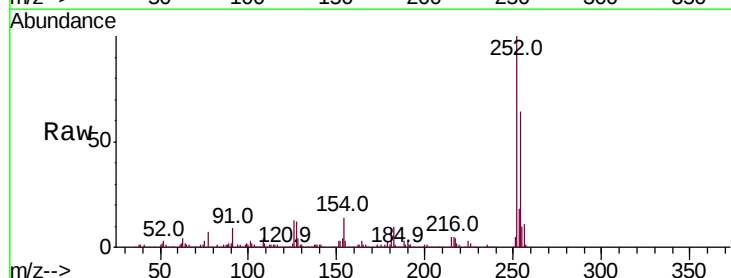
Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:252 Resp: 575464

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	12.7	9.4	14.0

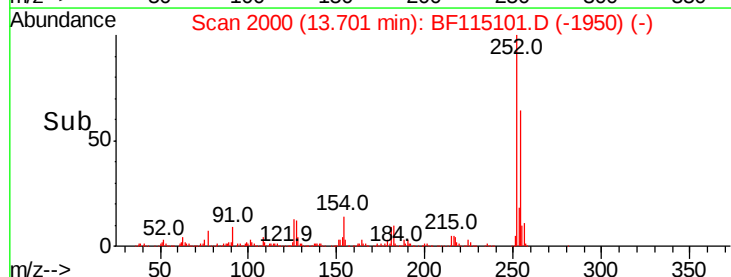
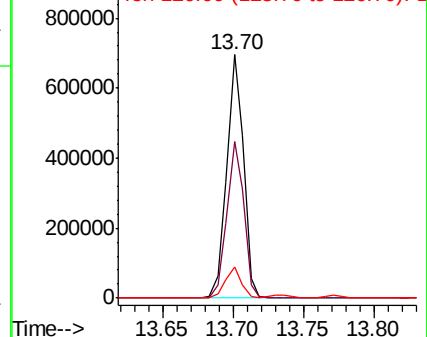


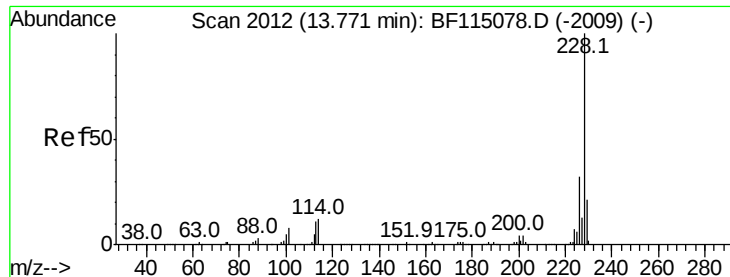
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.365 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

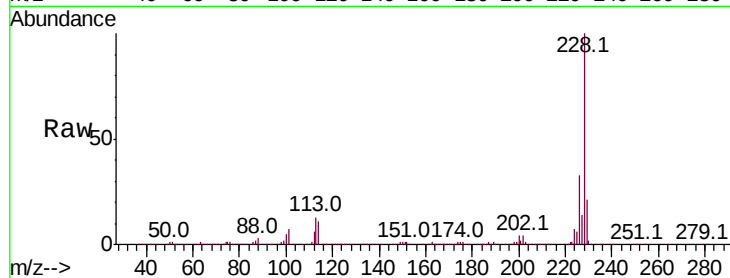
Tot Ion:228 Resp: 2142752

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

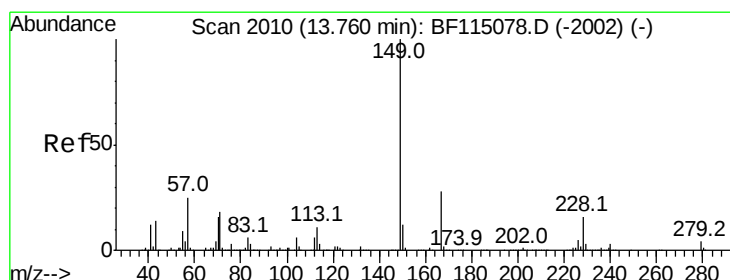
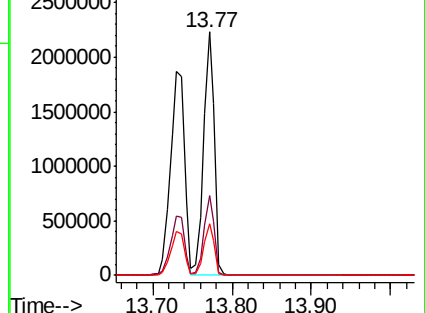
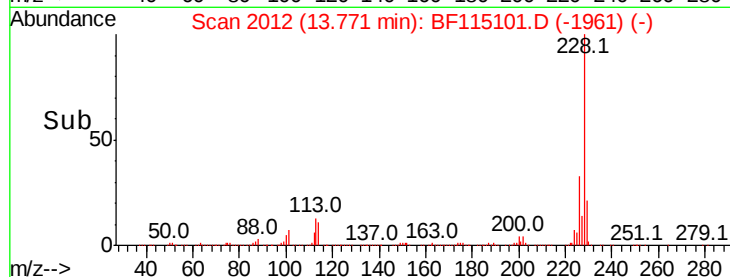
229 21.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.639 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

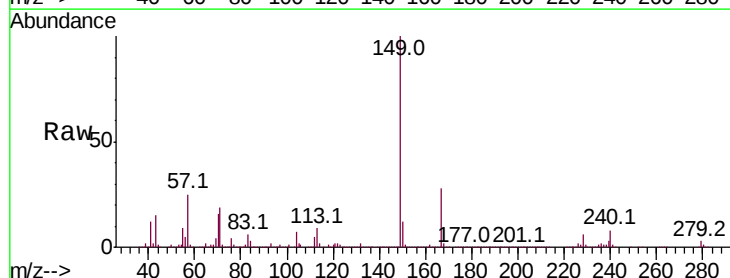
Tgt Ion:149 Resp: 1560718

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

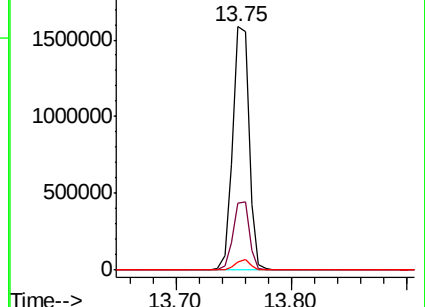
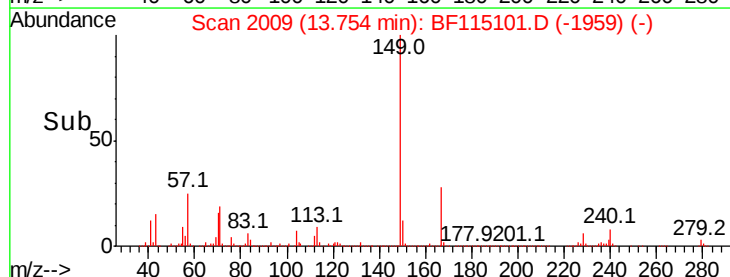
279 3.5 2.9 4.3

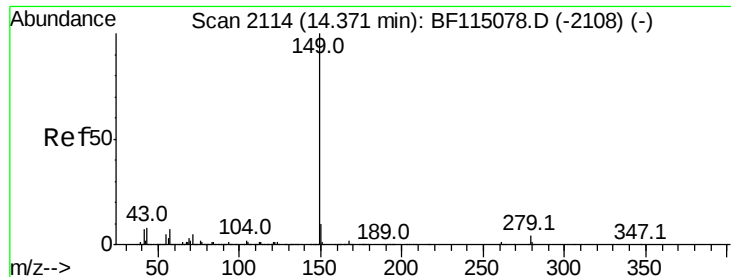


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.716 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

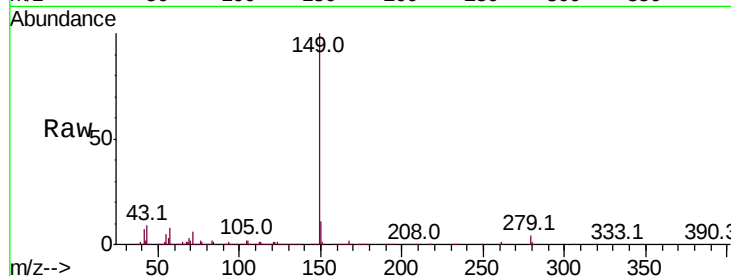
Tot Ion:149 Resp: 2626706

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

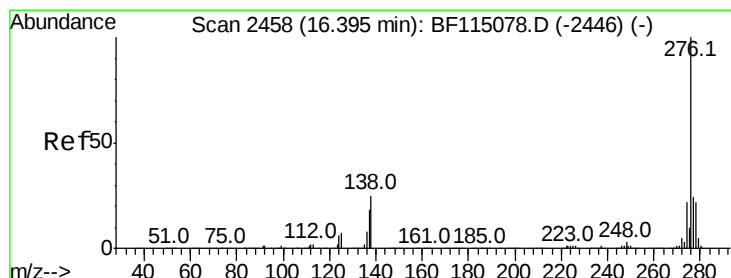
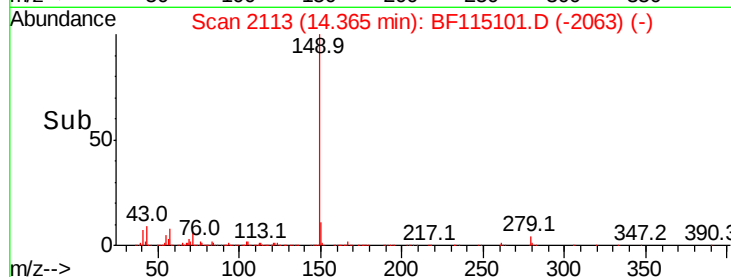
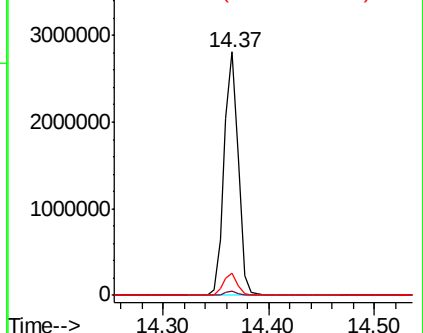
43 8.9 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.856 ng

RT: 16.39 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

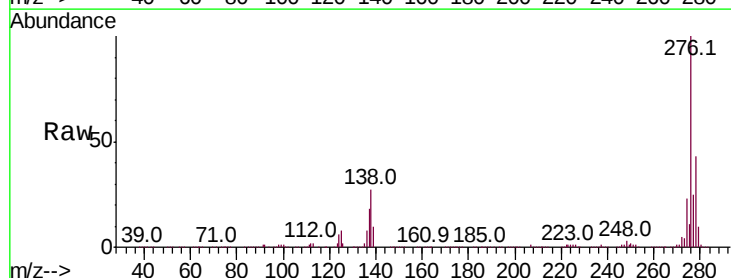
Tgt Ion:276 Resp: 2684613

Ion Ratio Lower Upper

276 100

138 29.0 23.2 34.8

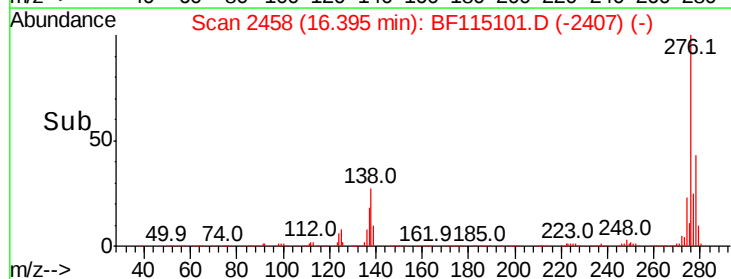
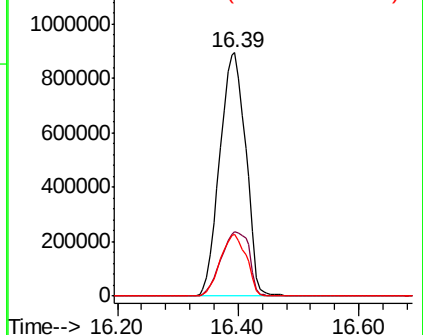
277 25.7 20.1 30.1

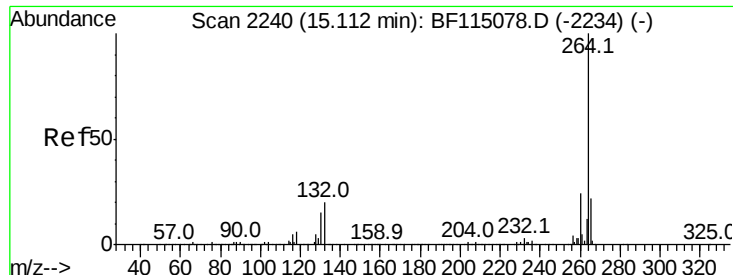


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

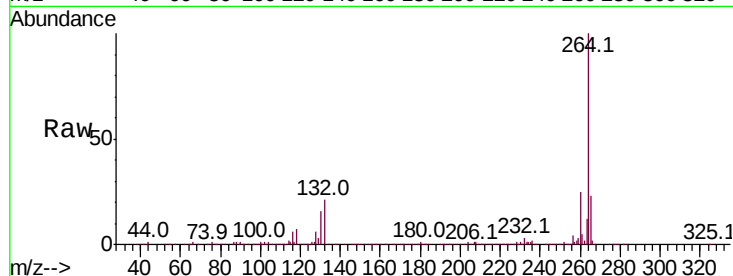
Tot Ion:264 Resp: 806977

Ion Ratio Lower Upper

264 100

260 25.4 19.6 29.4

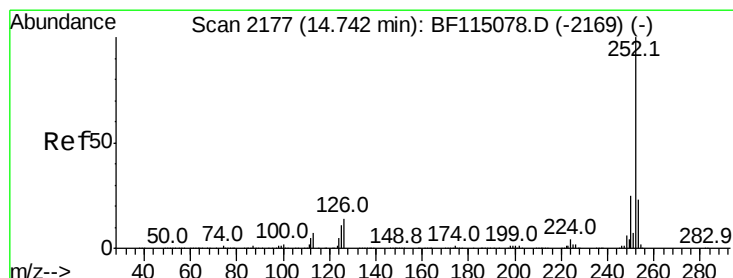
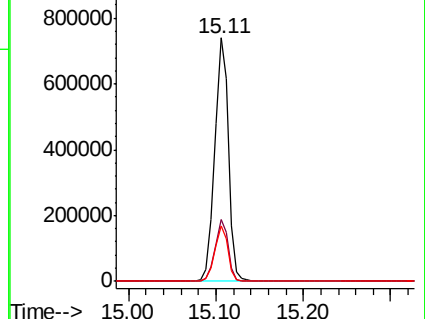
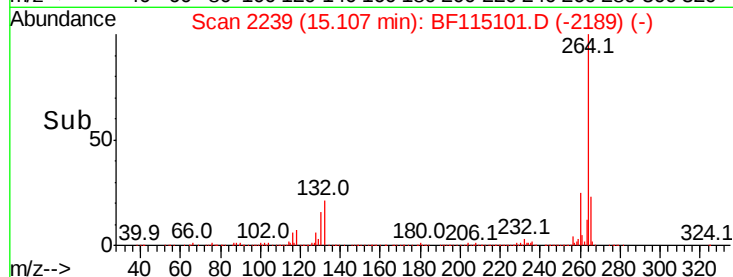
265 22.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.928 ng

RT: 14.74 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

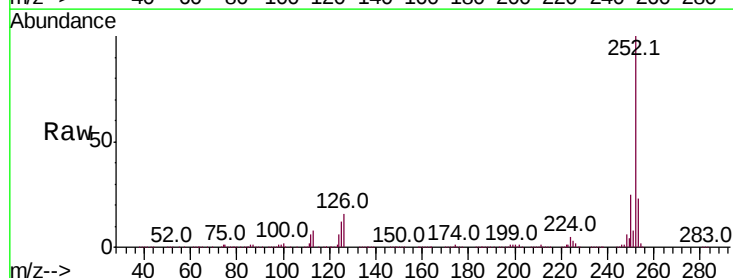
Tgt Ion:252 Resp: 2413295

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

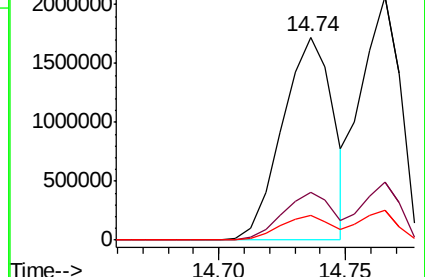
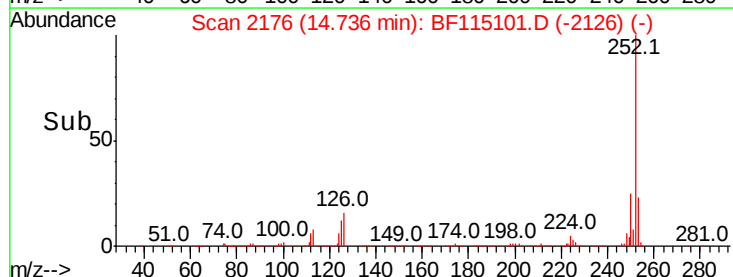
125 12.0 8.7 13.1

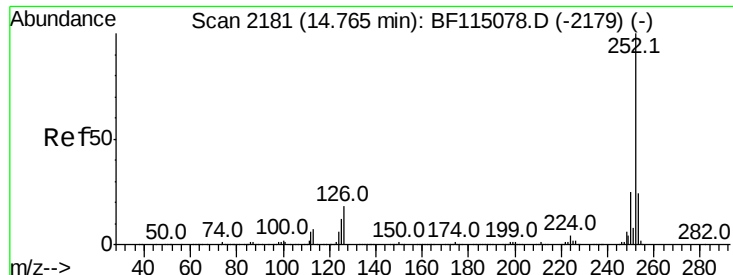


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

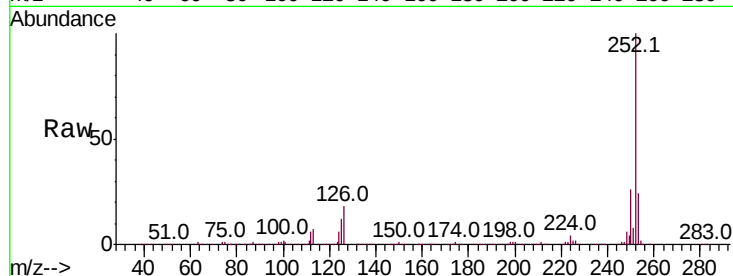




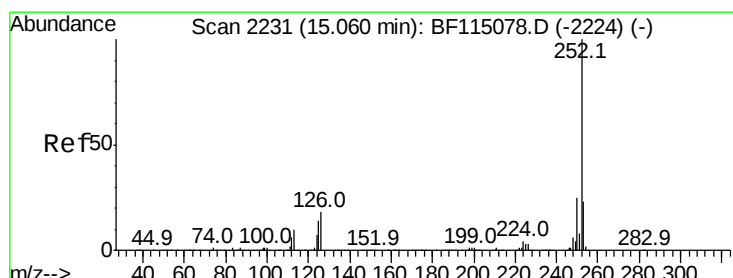
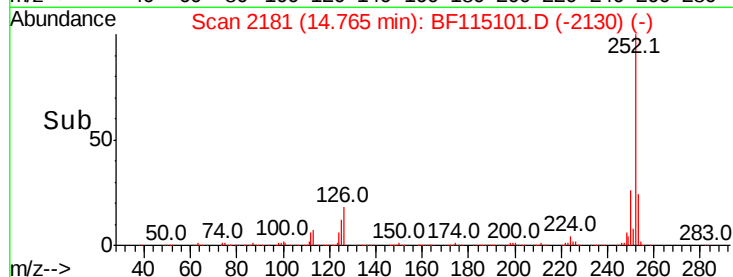
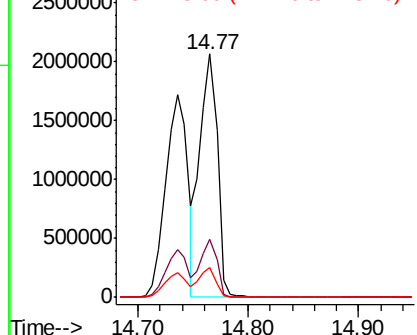
#89
Benzo(k)fluoranthene
Concen: 49.504 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2235391
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 12.5 10.2 15.2

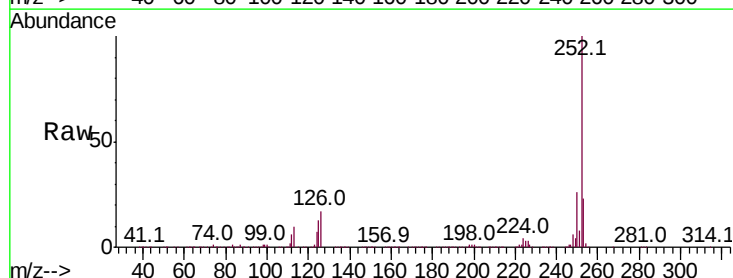


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

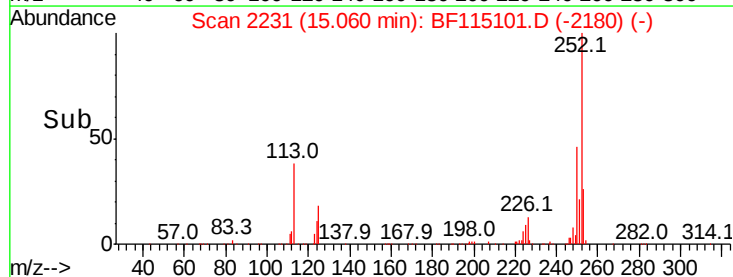
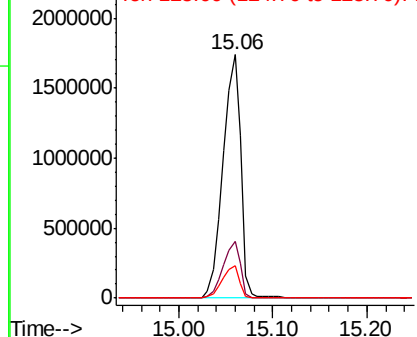


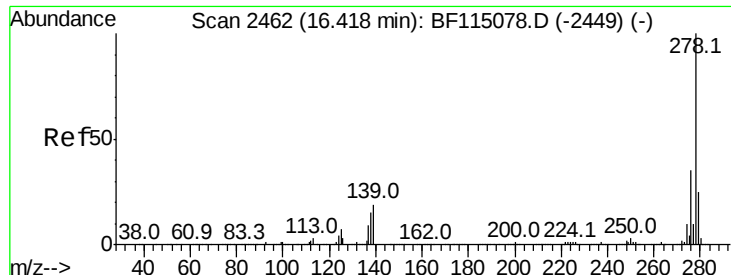
#90
Benzo(a)pyrene
Concen: 50.716 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:252 Resp: 2301694
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 13.2 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

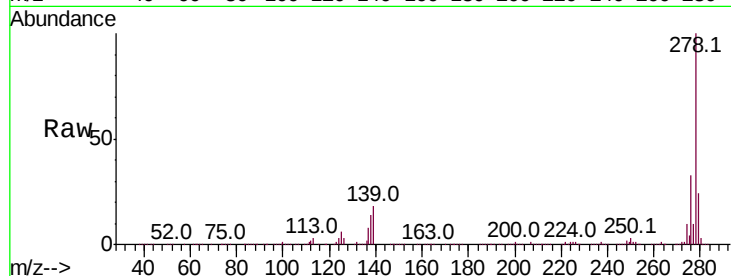




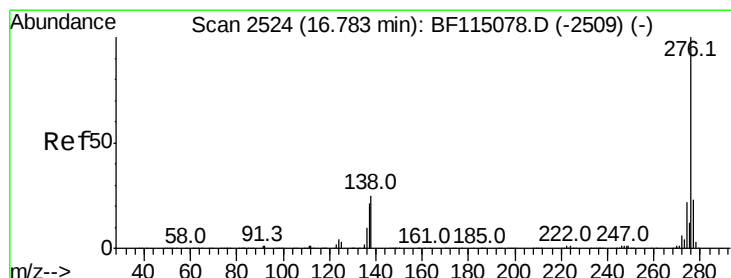
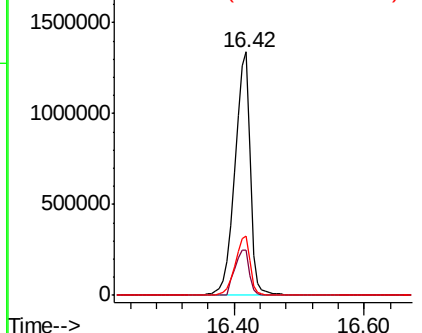
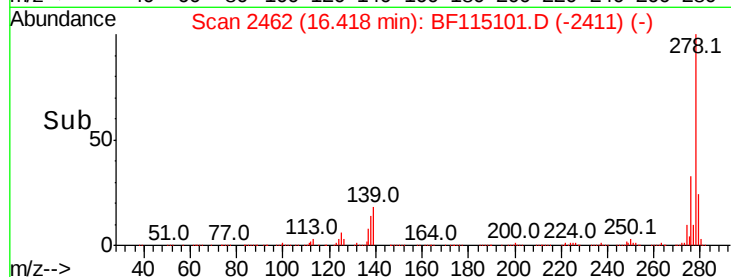
#91
Dibenzo(a,h)anthracene
Concen: 51.974 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2202073
Ion Ratio Lower Upper
278 100
139 18.4 15.4 23.2
279 24.4 19.9 29.9

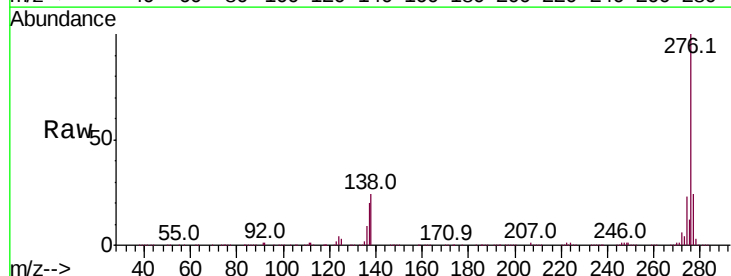


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.735 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion:276 Resp: 2261370
Ion Ratio Lower Upper
276 100
277 24.3 18.6 28.0
138 24.3 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

