

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115211.D
 Acq On : 26 Jun 2019 9:47
 Operator : HP/JU
 Sample : K3309-09MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 12:12:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	271628	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1102598	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	557544	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1113977	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	866275	20.00	ng	-0.02
87) Perylene-d12	15.09	264	861040	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	733212	41.66	ng	0.00
7) Phenol-d6	6.24	99	652590	30.55	ng	-0.01
23) Nitrobenzene-d5	7.17	82	754510	42.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	347130	59.04	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1540019	46.92	ng	-0.02
79) Terphenyl-d14	12.69	244	1951709	47.90	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	140477	16.910	ng	98
3) Pyridine	2.88	79	355587	15.187	ng	97
4) n-Nitrosodimethylamine	2.81	42	131742	14.353	ng	97
6) Aniline	6.27	93	432039	14.714	ng	95
8) 2-Chlorophenol	6.40	128	371592	18.774	ng	95
9) Benzaldehyde	6.15	77	82722	5.935	ng	99
10) Phenol	6.25	94	280657	11.215	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	374169	20.283	ng	99
12) 1,3-Dichlorobenzene	6.55	146	431195	19.630	ng	98
13) 1,4-Dichlorobenzene	6.63	146	457598	20.775	ng	98
14) 1,2-Dichlorobenzene	6.78	146	418943	20.538	ng	97
15) Benzyl Alcohol	6.75	79	320807	20.621	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	512081	19.139	ng	97
17) 2-Methylphenol	6.87	107	298460	18.269	ng	98
18) Hexachloroethane	7.12	117	155403	19.570	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	266086	19.454	ng	96
20) 3+4-Methylphenols	7.02	107	329241	17.453	ng	96
22) Acetophenone	7.02	105	550098	21.793	ng	# 95
24) Nitrobenzene	7.19	77	403618	20.440	ng	98
25) Isophorone	7.43	82	739335	20.136	ng	98
26) 2-Nitrophenol	7.51	139	194841	19.980	ng	99
27) 2,4-Dimethylphenol	7.55	122	333596	20.894	ng	100
28) bis(2-Chloroethoxy)methane	7.65	93	468524	20.189	ng	100
29) 2,4-Dichlorophenol	7.75	162	313902	19.051	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	370637	20.364	ng	99
31) Naphthalene	7.91	128	1157124	21.379	ng	98
32) Benzoic acid	7.61	122	32716	2.871	ng	89
33) 4-Chloroaniline	7.96	127	392130	15.853	ng	100
34) Hexachlorobutadiene	8.04	225	202809	20.334	ng	99
35) Caprolactam	8.31	113	36754	6.635	ng	100
36) 4-Chloro-3-methylphenol	8.44	107	331801	19.884	ng	100
37) 2-Methylnaphthalene	8.60	142	796771	21.833	ng	98
38) 1-Methylnaphthalene	8.70	142	817699	23.461	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	341361	21.667	ng	99

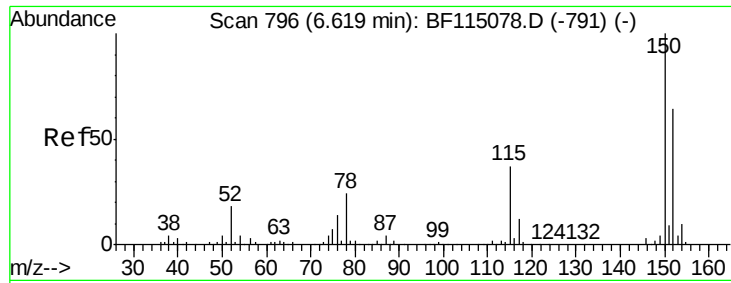
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	350855	37.556	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	219933	18.081	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	246428	19.673	ng	96
46) 1,1'-Biphenyl	9.07	154	950273	21.301	ng	98
47) 2-Chloronaphthalene	9.08	162	753855	20.832	ng	98
48) 2-Nitroaniline	9.18	65	228183	21.629	ng	96
49) Acenaphthylene	9.50	152	1193574	21.170	ng	99
50) Dimethylphthalate	9.37	163	974175	23.749	ng	98
51) 2,6-Dinitrotoluene	9.42	165	200656	21.188	ng	89
52) Acenaphthene	9.67	154	868914	24.629	ng	99
53) 3-Nitroaniline	9.58	138	167951	14.533	ng	99
54) 2,4-Dinitrophenol	9.69	184	88044	23.753	ng	92
55) Dibenzofuran	9.84	168	1062964	20.992	ng	98
56) 4-Nitrophenol	9.75	139	209717	22.635	ng	95
57) 2,4-Dinitrotoluene	9.82	165	275915	22.564	ng	95
58) Fluorene	10.18	166	873984	22.653	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	202128	19.244	ng	98
60) Diethylphthalate	10.07	149	876911	21.267	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	377766	19.764	ng	97
62) 4-Nitroaniline	10.19	138	263200	22.702	ng	96
63) Azobenzene	10.34	77	805397	20.912	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	78047	16.767	ng	89
66) n-Nitrosodiphenylamine	10.30	169	737370	21.246	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	254699	21.088	ng	94
68) Hexachlorobenzene	10.72	284	277968	21.203	ng	# 93
69) Atrazine	10.82	200	243285	21.792	ng	99
70) Pentachlorophenol	10.92	266	244193	29.238	ng	97
71) Phenanthrene	11.13	178	1369600	22.835	ng	99
72) Anthracene	11.18	178	1321842	21.833	ng	100
73) Carbazole	11.34	167	1184794	21.915	ng	100
74) Di-n-butylphthalate	11.69	149	1419714	22.725	ng	99
75) Fluoranthene	12.31	202	1372592	22.937	ng	97
77) Benzidine	12.44	184	414057	10.764	ng	# 94
78) Pyrene	12.54	202	1388371	20.855	ng	100
80) Butylbenzylphthalate	13.17	149	640603	21.804	ng	95
81) Benzo(a)anthracene	13.72	228	1237044	19.902	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	256956	11.448	ng	99
83) Chrysene	13.75	228	1220879	21.442	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	875100	22.732	ng	100
85) Di-n-octyl phthalate	14.35	149	1461328	22.593	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1169578	17.359	ng	99
88) Benzo(b)fluoranthene	14.72	252	1246720	23.205	ng	99
89) Benzo(k)fluoranthene	14.74	252	1066702	22.139	ng	97
90) Benzo(a)pyrene	15.04	252	1098175	22.678	ng	97
91) Dibenzo(a,h)anthracene	16.37	278	980883	21.697	ng	97
92) Benzo(g,h,i)perylene	16.73	276	958363	20.946	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

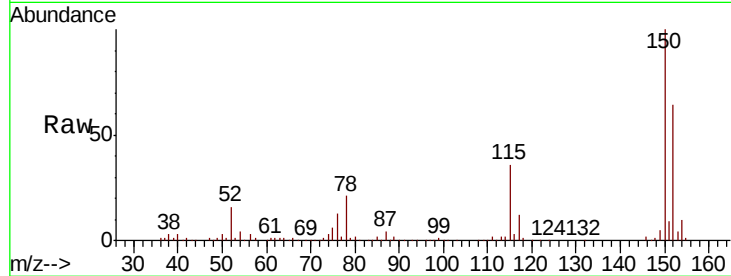


#1

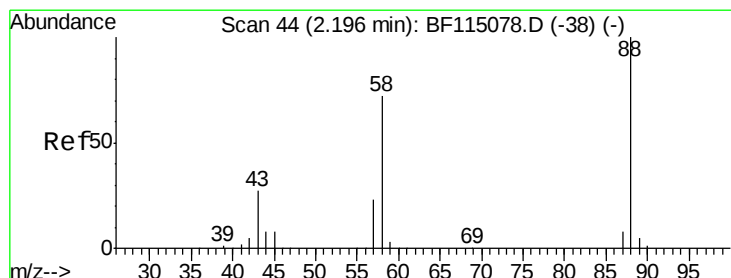
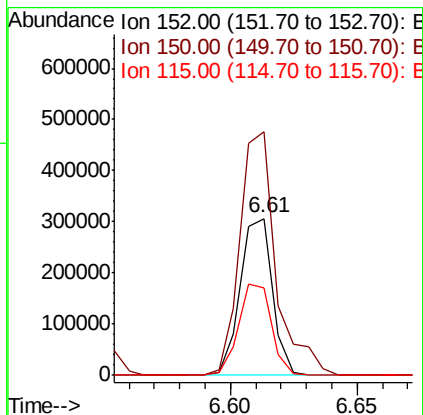
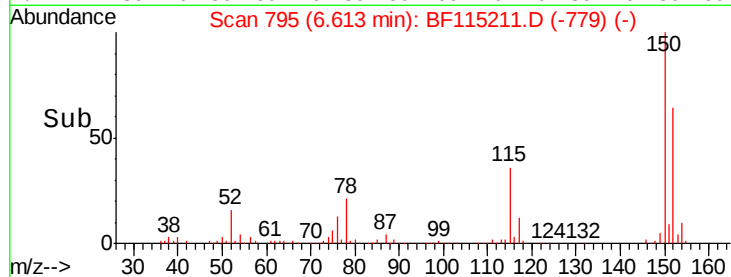
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	55.8	46.1	69.1



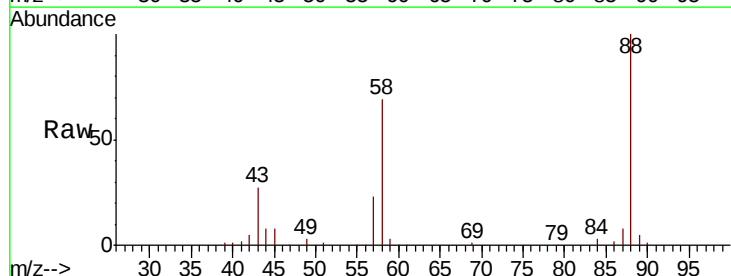
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



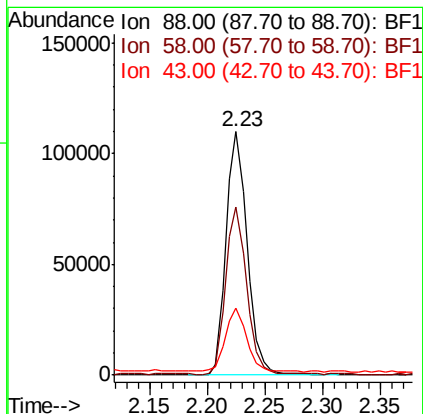
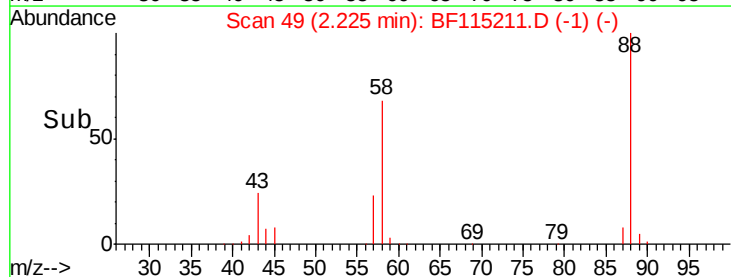
#2

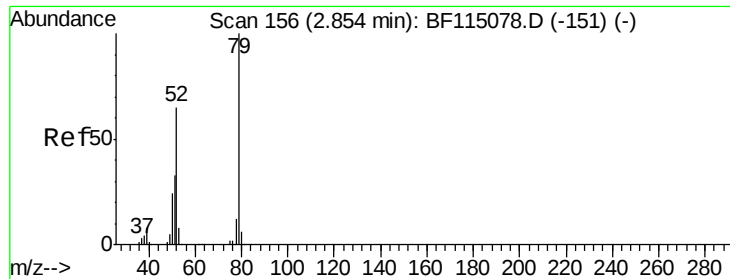
1,4-Dioxane
Concen: 16.910 ng
RT: 2.23 min Scan# 49
Delta R.T. 0.03 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	56.1	84.1
43	27.0	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: 15.187 ng

RT: 2.88 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

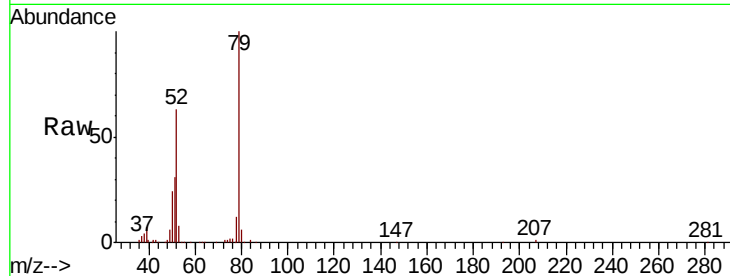
Tot Ion: 79 Resp: 355587

Ion Ratio Lower Upper

79 100

52 62.6 52.3 78.5

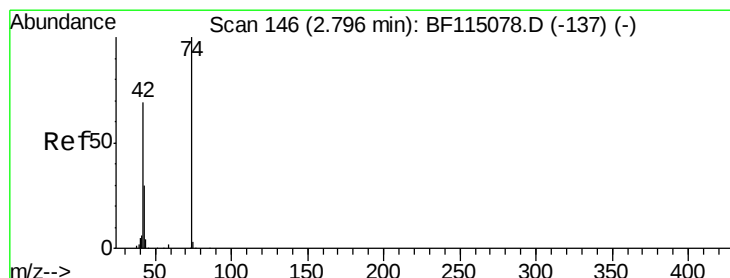
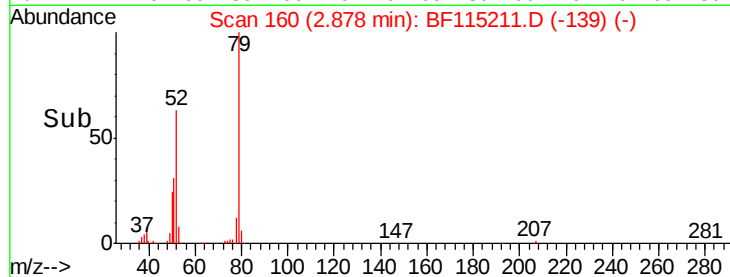
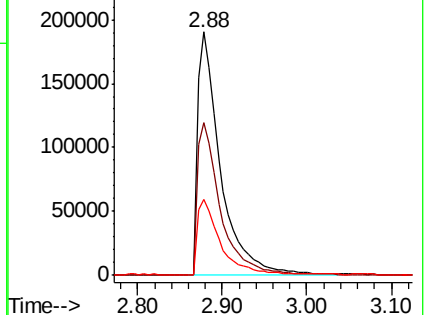
51 31.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 14.353 ng

RT: 2.81 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

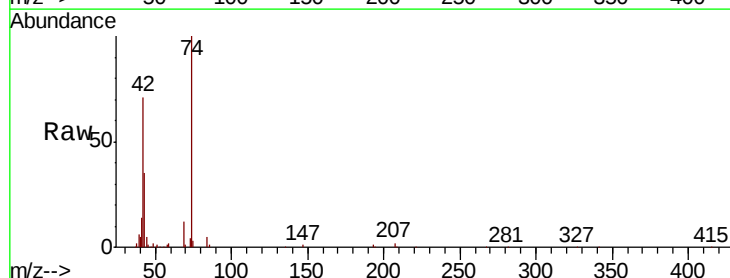
Tgt Ion: 42 Resp: 131742

Ion Ratio Lower Upper

42 100

74 141.8 116.6 175.0

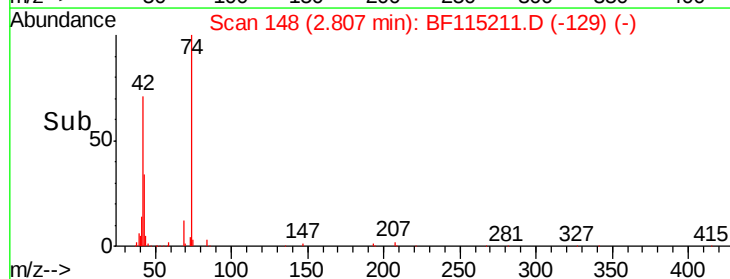
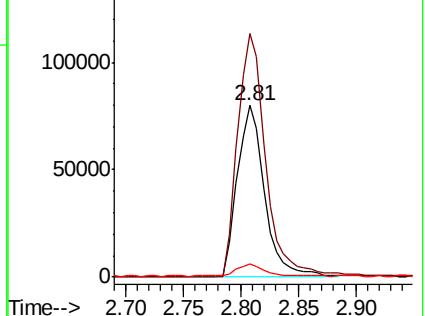
44 7.6 5.3 7.9

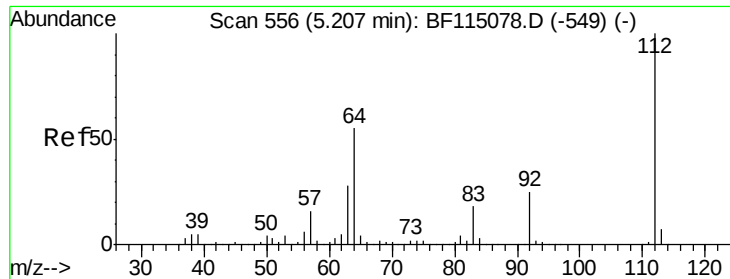


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 41.655 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

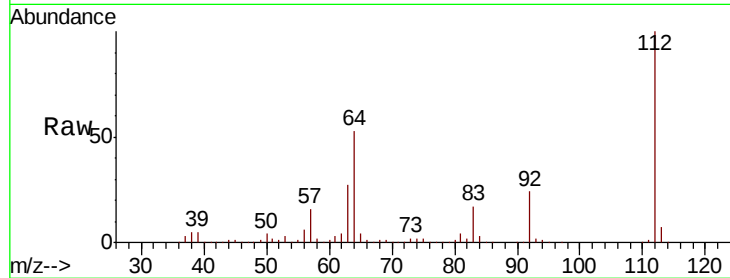
Tot Ion: 112 Resp: 733212

Ion Ratio Lower Upper

112 100

64 52.8 43.8 65.6

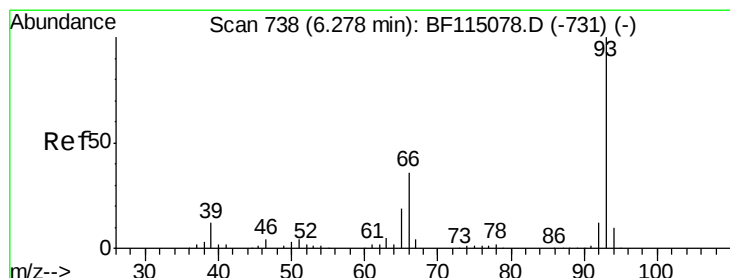
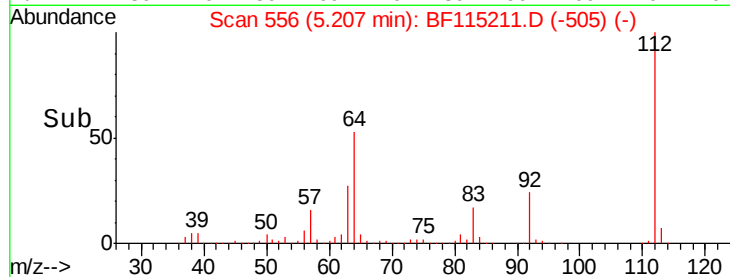
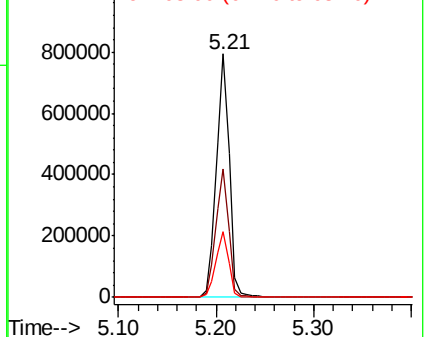
63 27.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.714 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

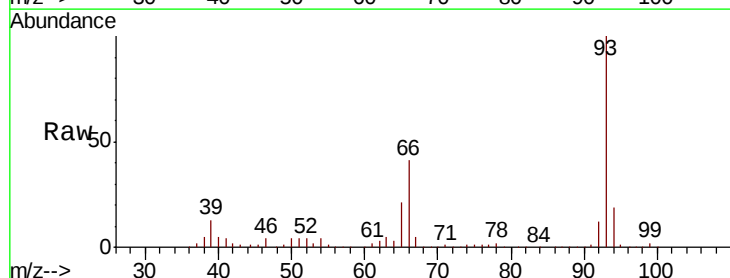
Tgt Ion: 93 Resp: 432039

Ion Ratio Lower Upper

93 100

66 40.6 30.0 45.0

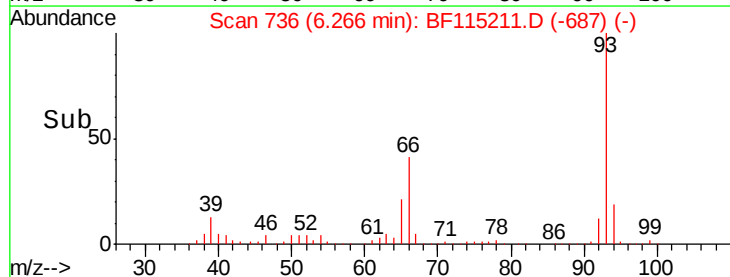
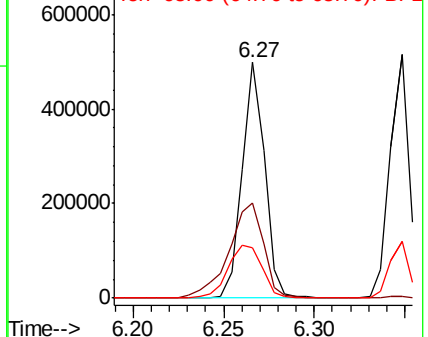
65 21.1 15.6 23.4

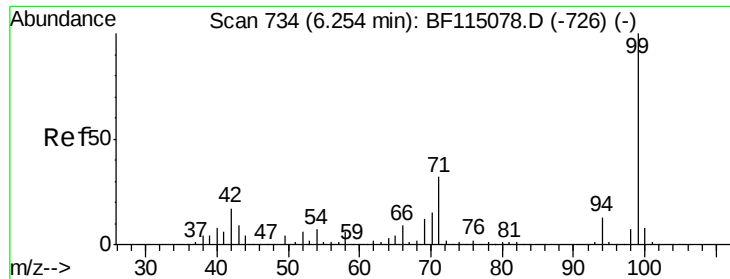


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 30.546 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

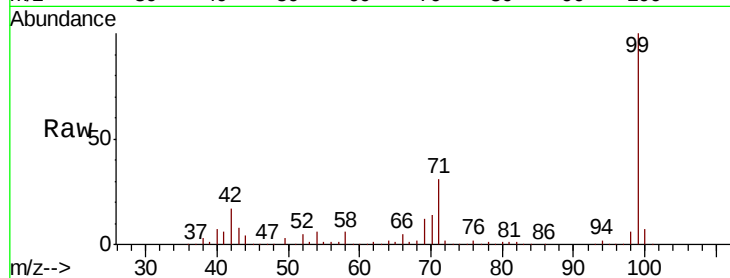
Tot Ion: 99 Resp: 652590

Ion Ratio Lower Upper

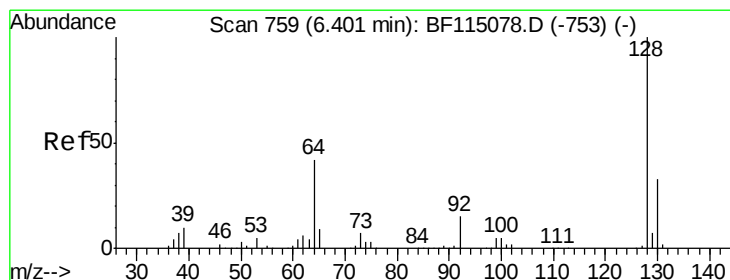
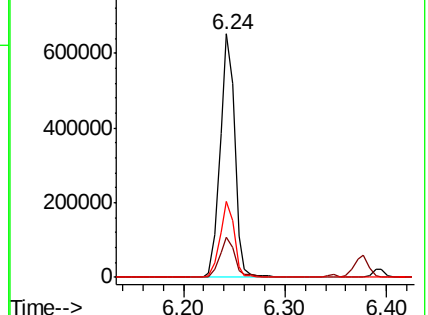
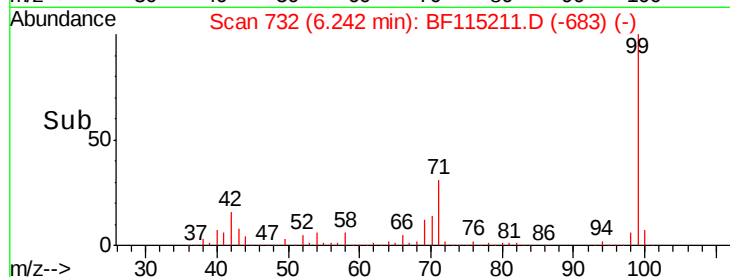
99 100

42 16.5 13.6 20.4

71 31.3 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: 18.774 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

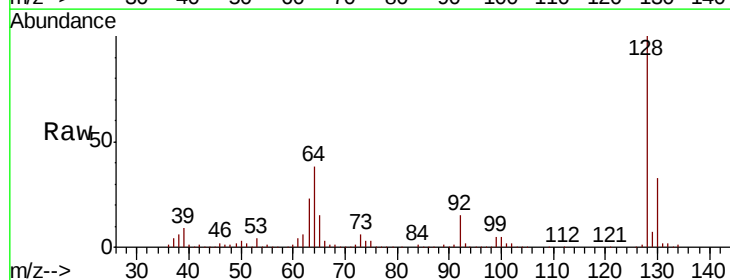
Tgt Ion: 128 Resp: 371592

Ion Ratio Lower Upper

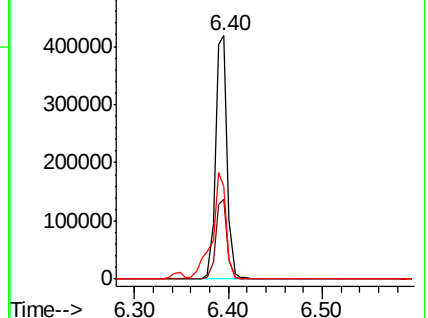
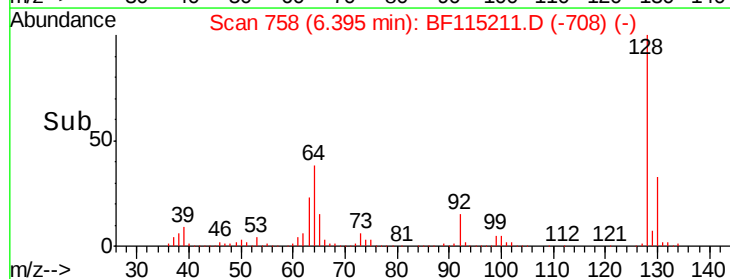
128 100

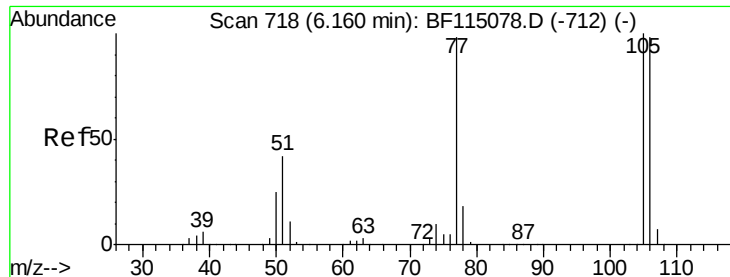
130 32.5 12.9 52.9

64 37.8 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: 5.935 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampled :

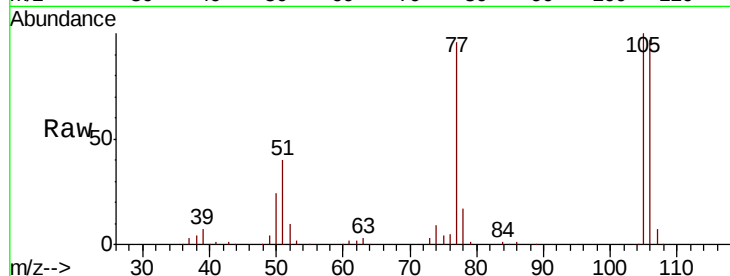
Tot Ion: 77 Resp: 82722

Ion Ratio Lower Upper

77 100

105 103.8 81.5 121.5

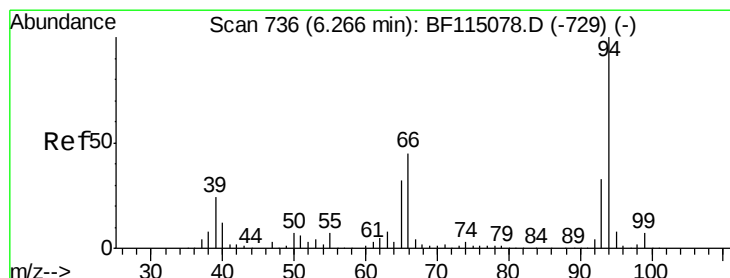
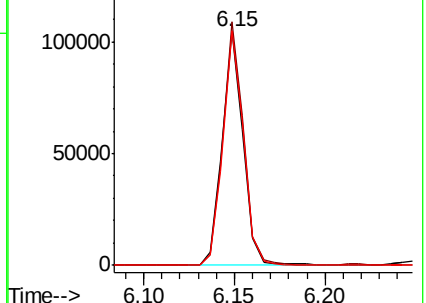
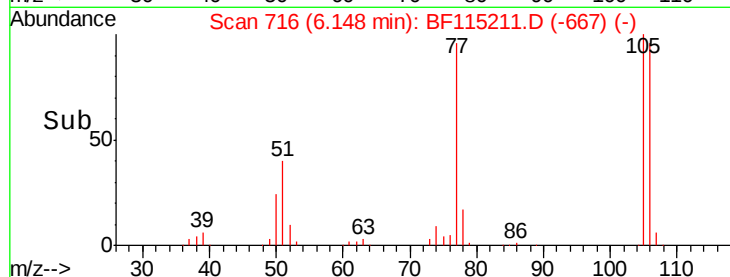
106 100.2 79.7 119.7



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: 11.215 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

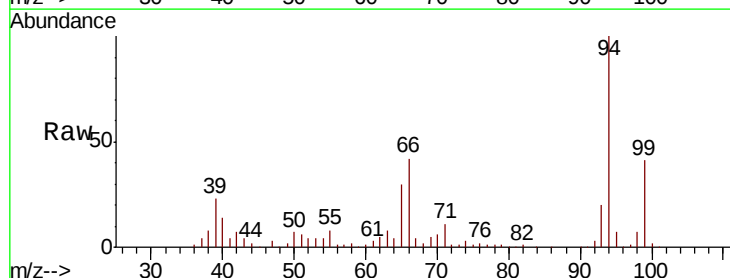
Tgt Ion: 94 Resp: 280657

Ion Ratio Lower Upper

94 100

65 30.1 11.9 51.9

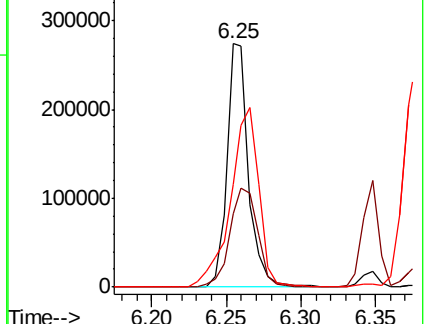
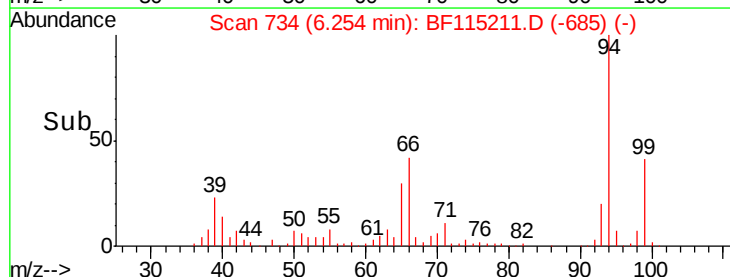
66 42.2 25.2 65.2

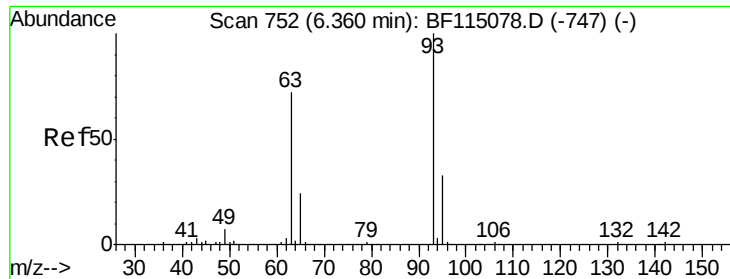


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

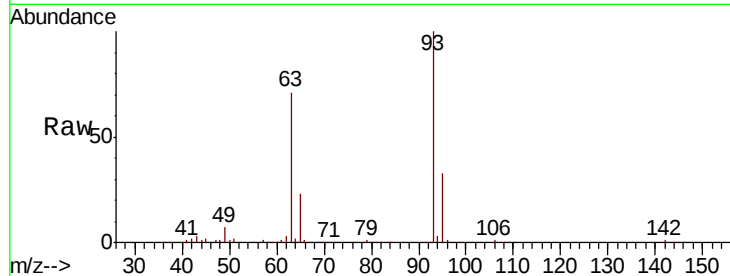




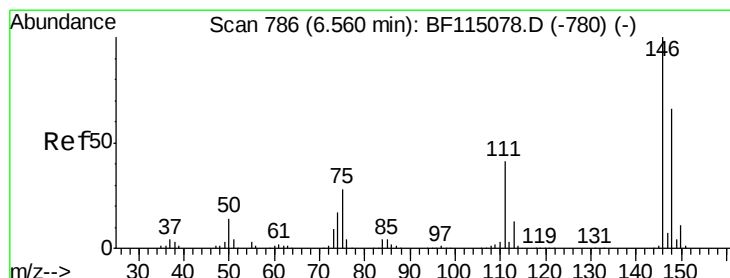
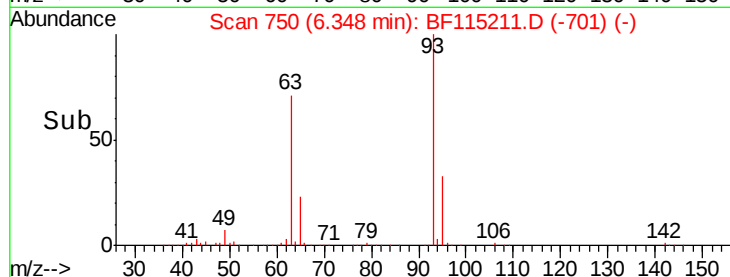
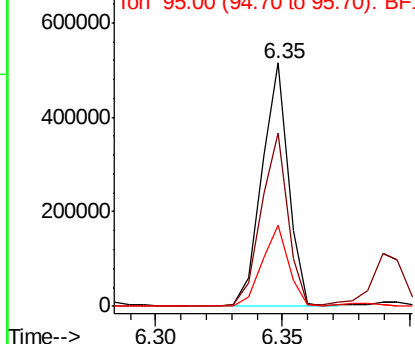
#11
bis(2-Chloroethyl)ether
Concen: 20.283 ng
RT: 6.35 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	51.5	91.5
95	33.0	13.4	53.4

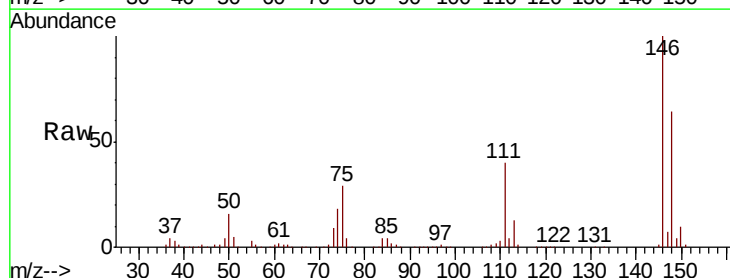


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

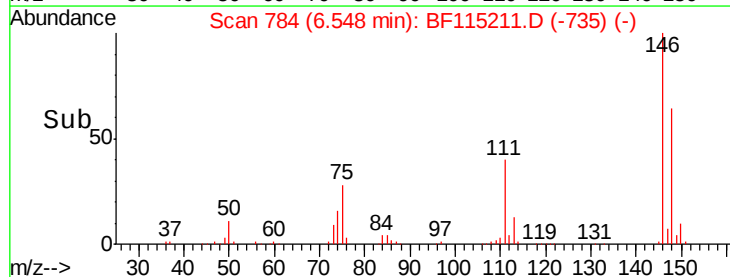
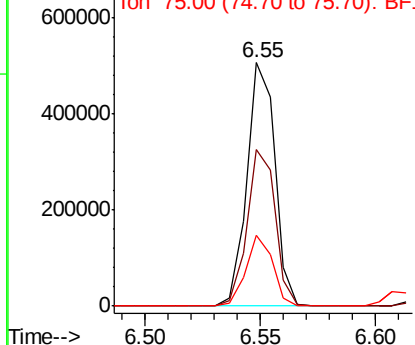


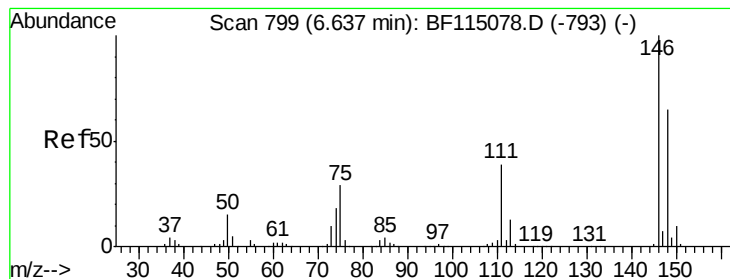
#12
1,3-Dichlorobenzene
Concen: 19.630 ng
RT: 6.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
75	29.0	22.6	34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 20.775 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

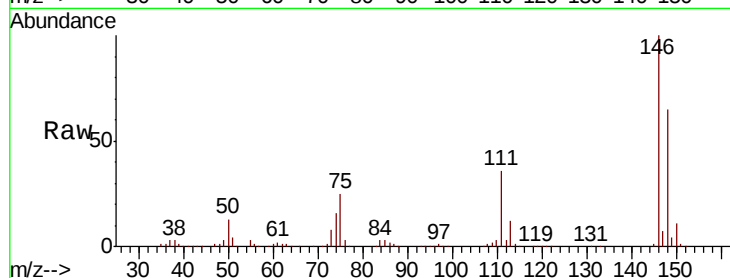
Tot Ion:146 Resp: 457598

Ion Ratio Lower Upper

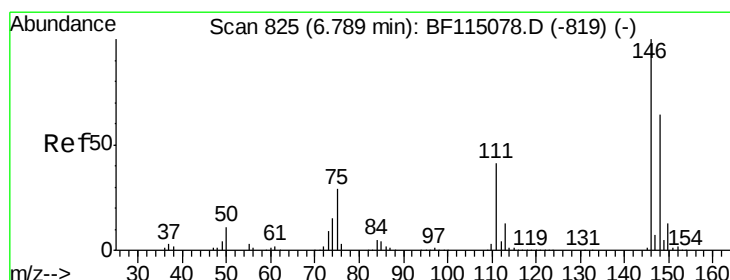
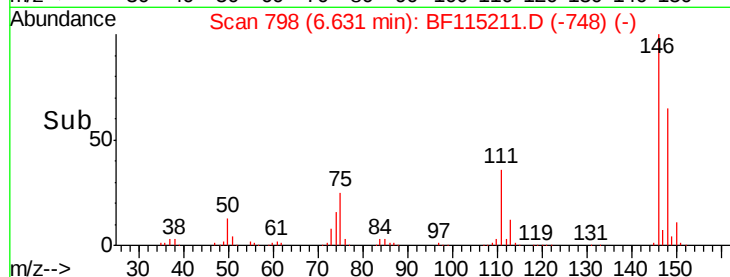
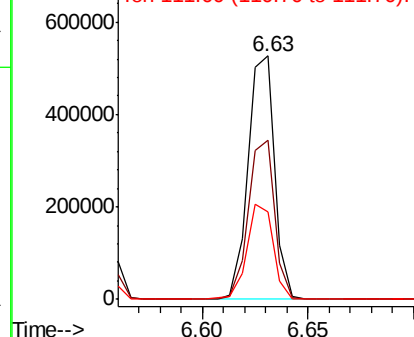
146 100

148 65.3 51.9 77.9

111 36.0 31.4 47.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 20.538 ng

RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

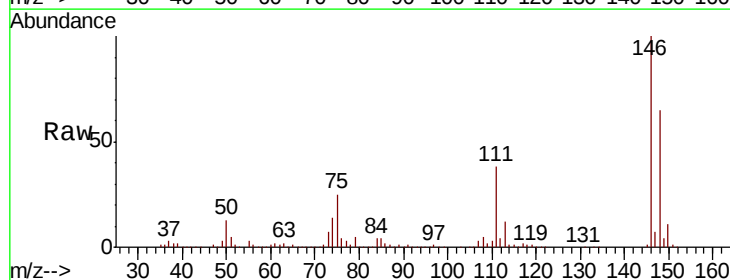
Tgt Ion:146 Resp: 418943

Ion Ratio Lower Upper

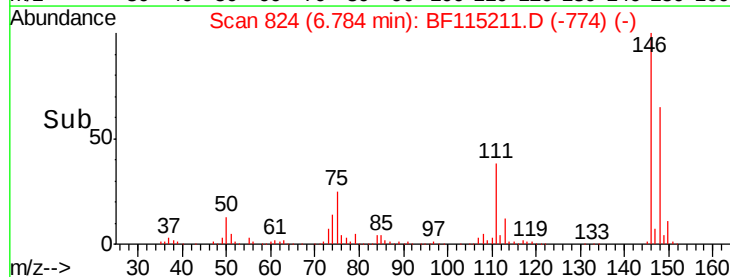
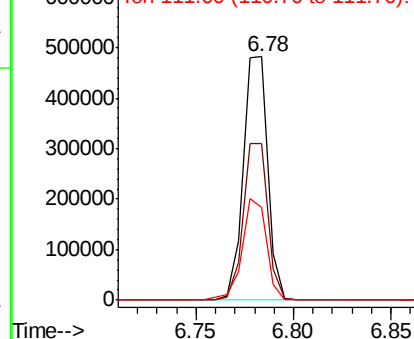
146 100

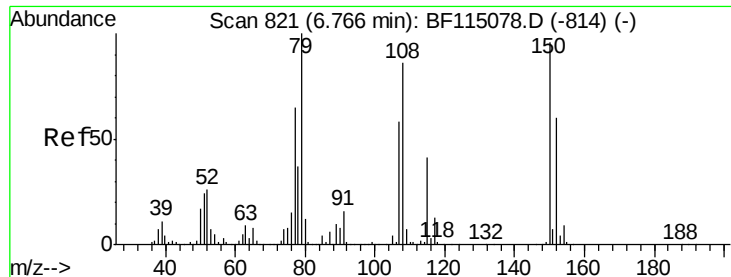
148 64.5 51.1 76.7

111 38.2 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.621 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

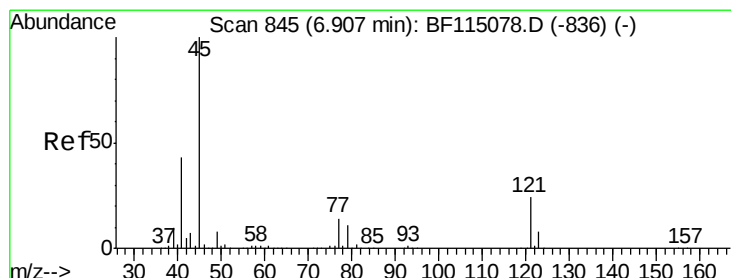
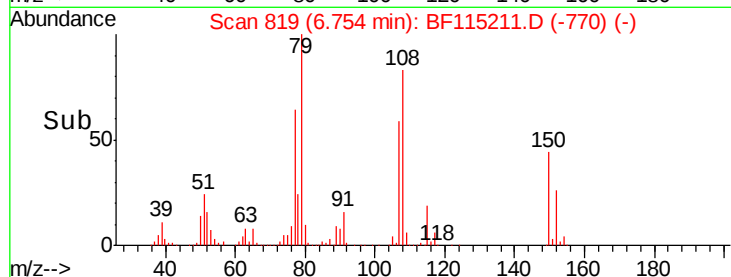
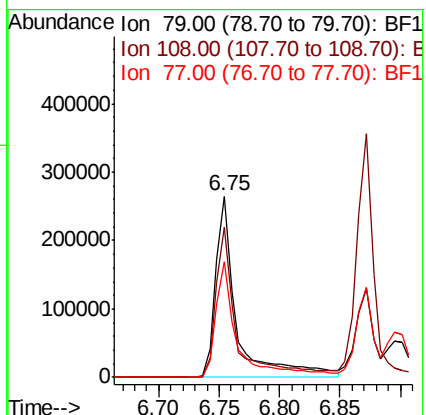
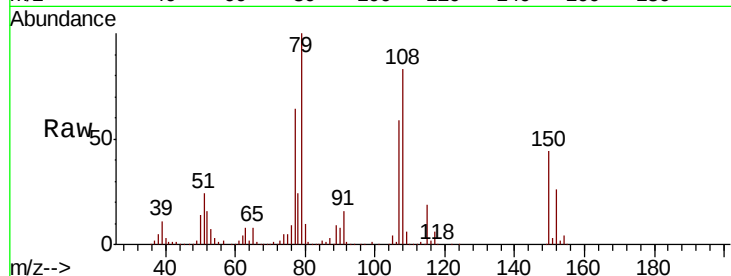
Tot Ion: 79 Resp: 320807

Ion Ratio Lower Upper

79 100

108 83.2 68.7 103.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.139 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

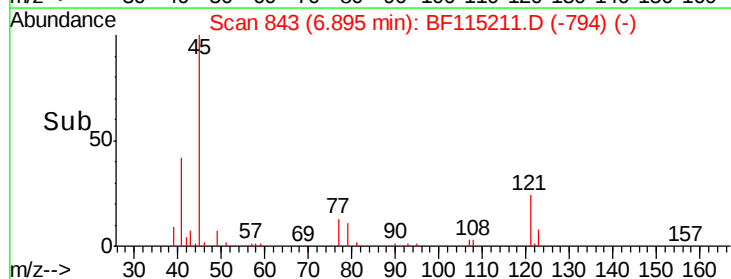
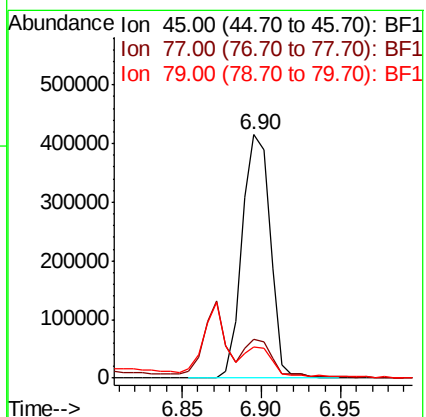
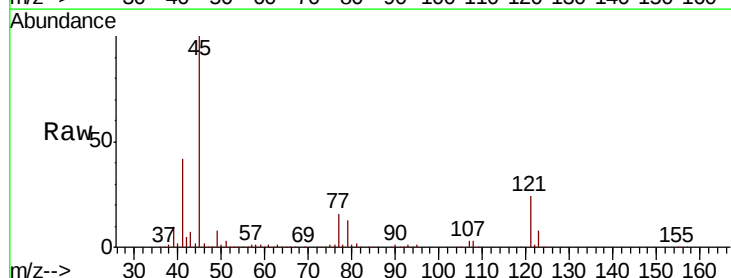
Tgt Ion: 45 Resp: 512081

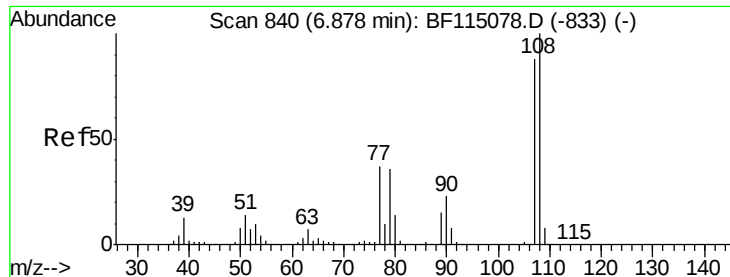
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.6

79 12.6 0.0 31.2

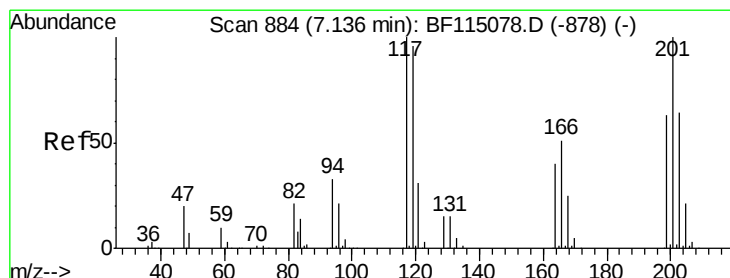
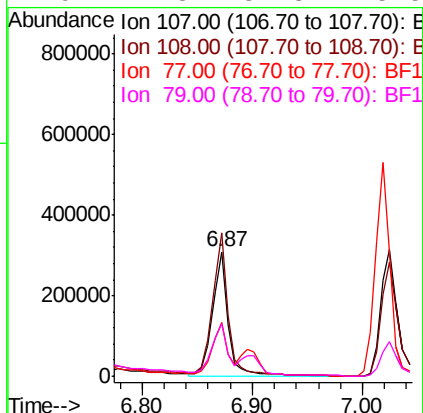
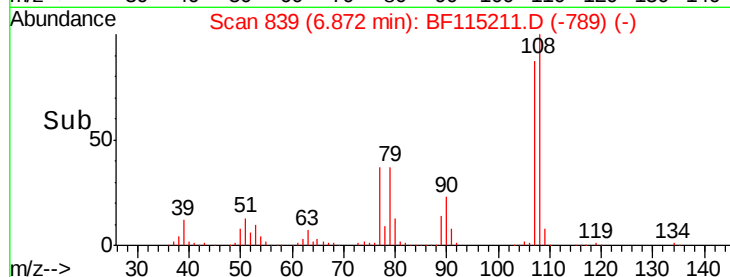
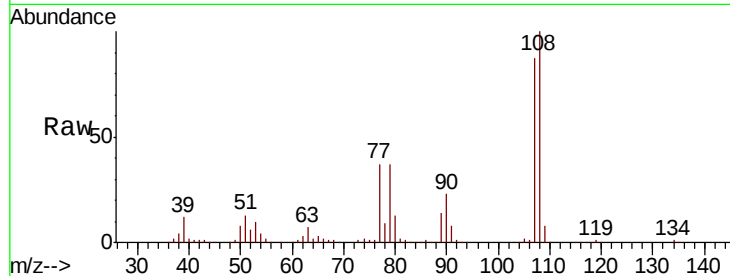




#17
2-Methylphenol
Concen: 18.269 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

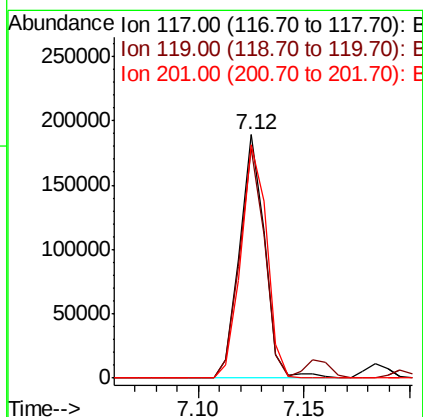
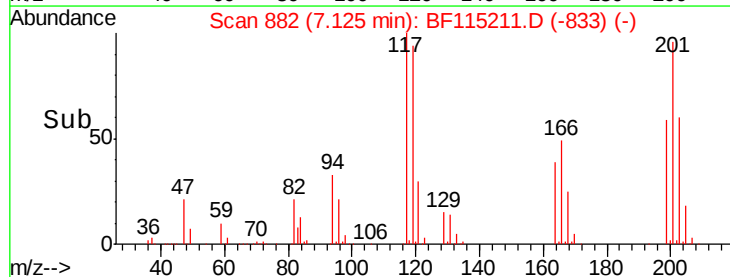
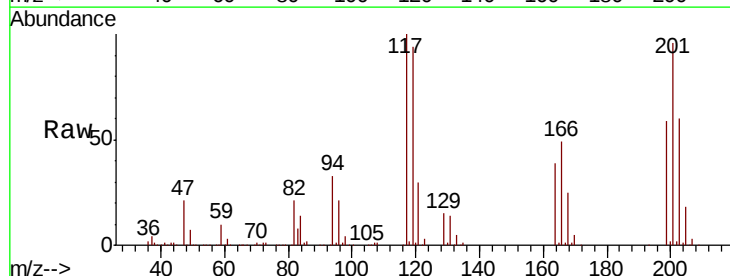
Instrument :
BNA_F
ClientSampleId :

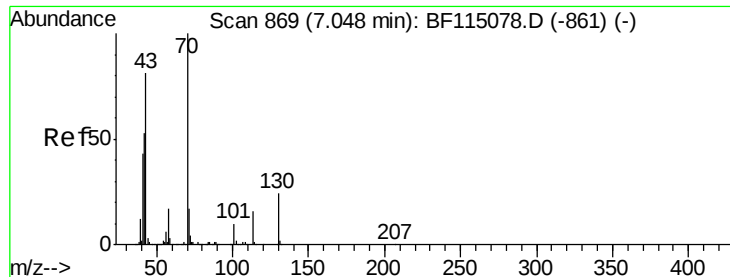
Tot Ion:	107	Resp:	298460
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.9	136.3
77	42.8	33.4	50.2
79	42.3	32.3	48.5



#18
Hexachloroethane
Concen: 19.570 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:	117	Resp:	155403
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	114.8
201	96.0	80.2	120.2

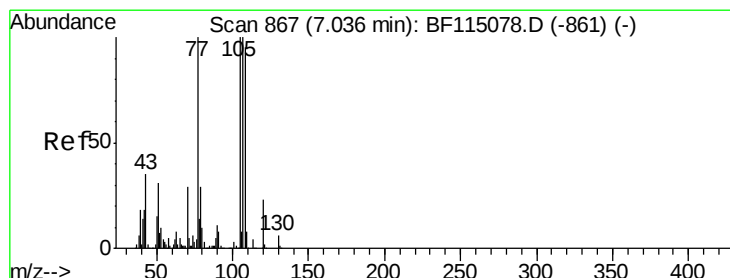
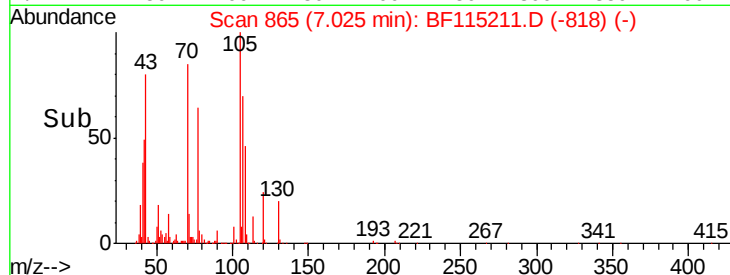
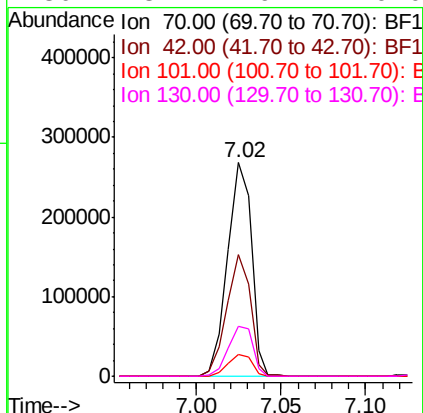
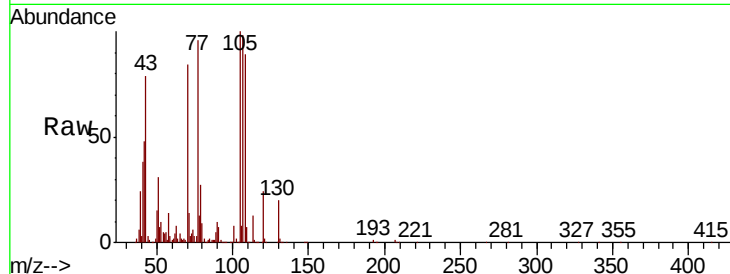




#19
n-Nitroso-di-n-propylamine
Concen: 19.454 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

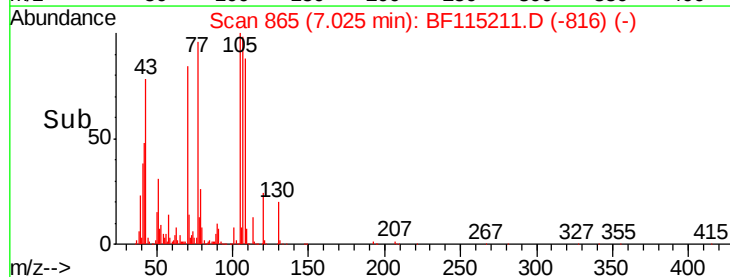
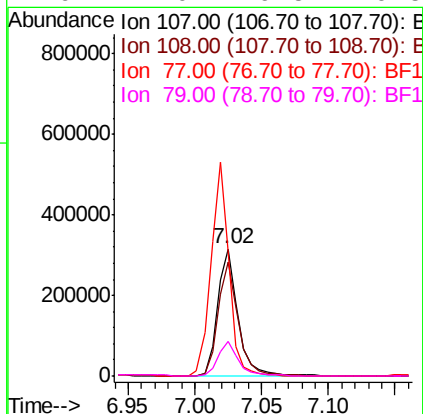
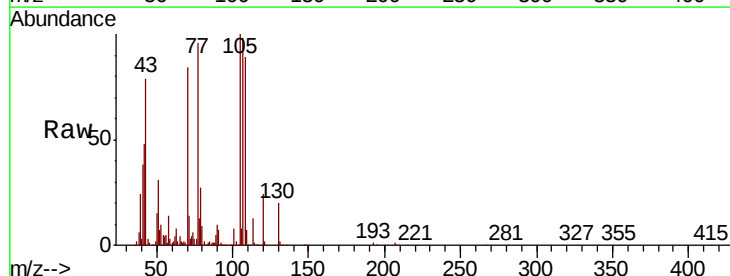
Instrument :
BNA_F
ClientSampleId :

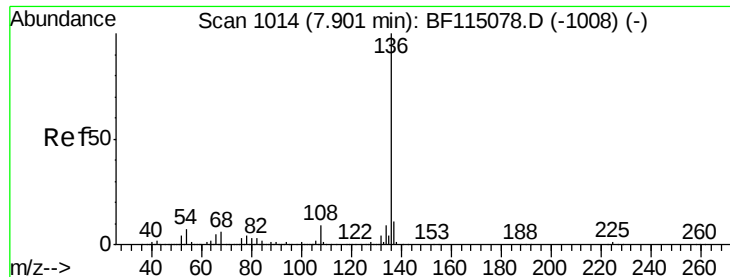
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	42.6	63.8
101	9.9	8.0	12.0
130	23.4	19.4	29.0



#20
3+4-Methylphenols
Concen: 17.453 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	75.5	115.5
77	97.6	80.2	120.2
79	27.0	9.5	49.5

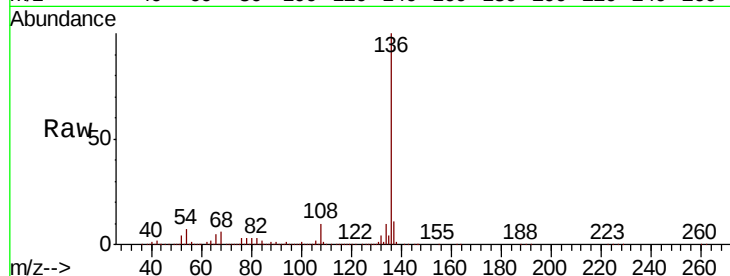




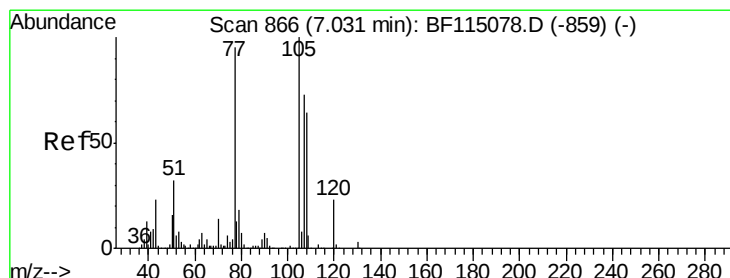
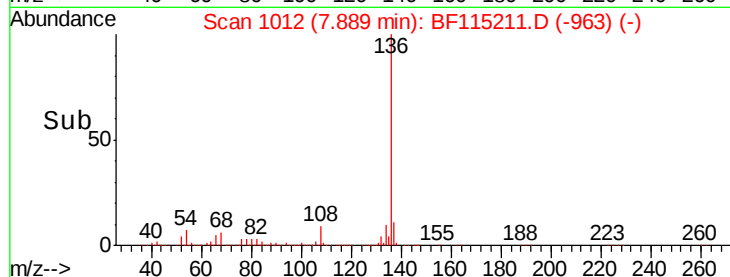
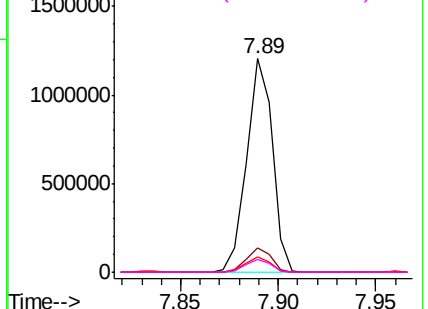
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1102598
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 7.2	5.6 8.4
68 5.9	4.8 7.2

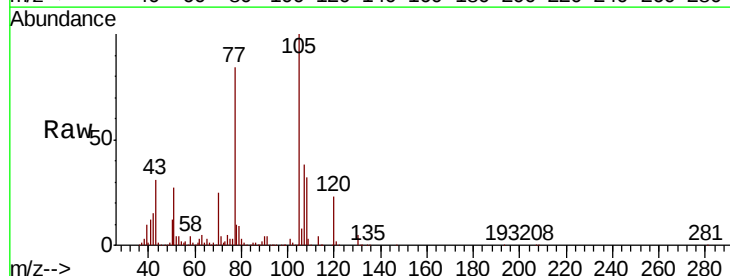


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

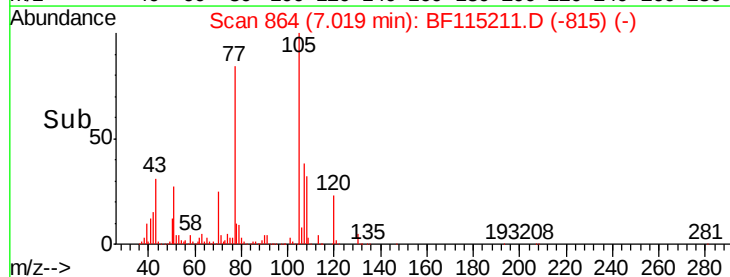
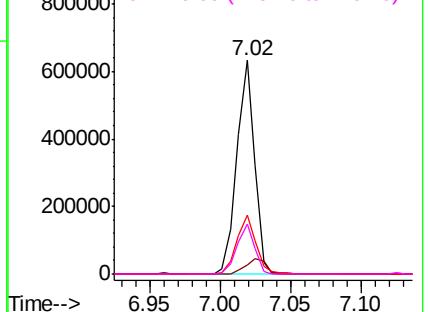


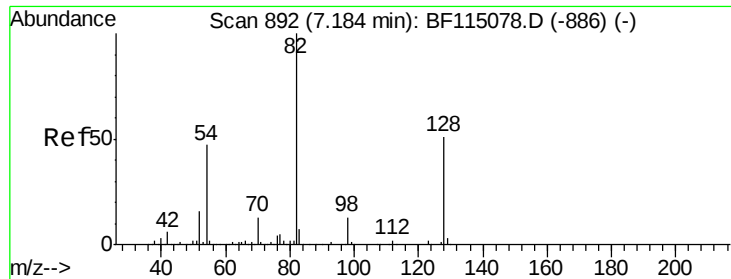
#22
Acetophenone
Concen: 21.793 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt	Ion:105	Resp:	550098
Ion	Ratio	Lower	Upper
105	100		
71	4.3	1.9	2.9#
51	27.3	25.8	38.8
120	23.4	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

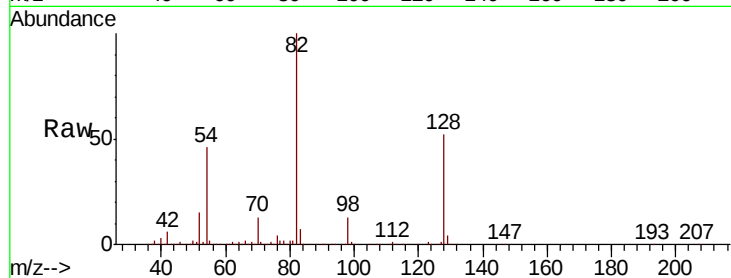




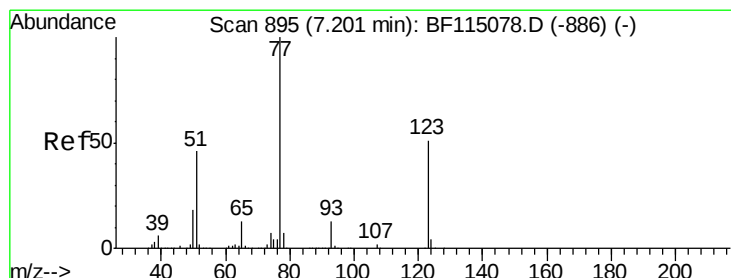
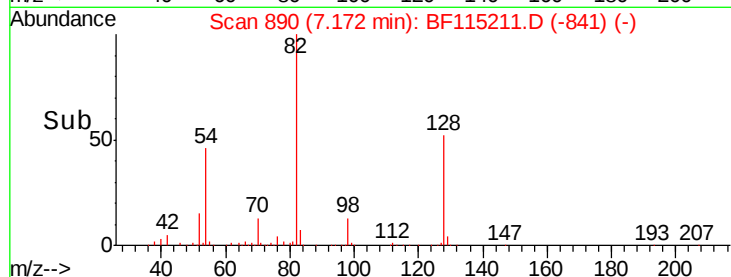
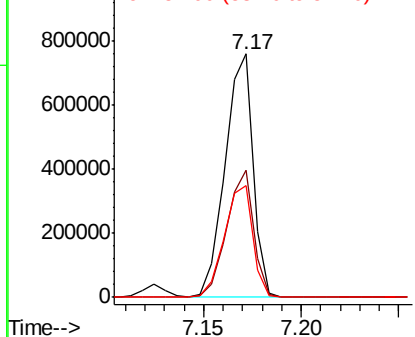
#23
 Nitrobenzene-d5
 Concen: 42.095 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	754510
Ion Ratio	Lower	Upper	
82	100		
128	52.4	40.4	60.6
54	46.1	37.5	56.3

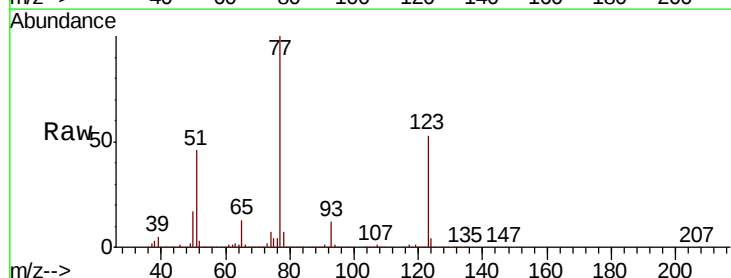


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

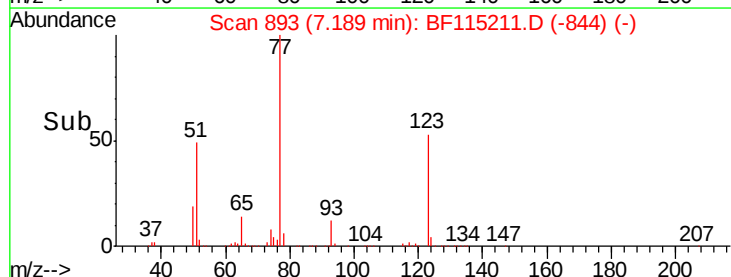
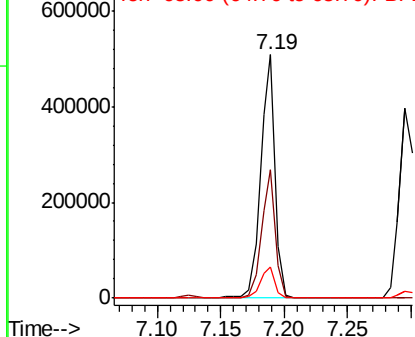


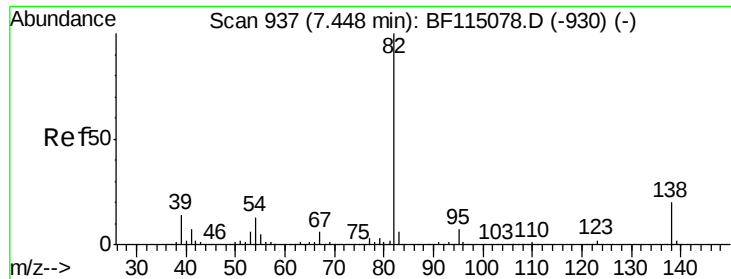
#24
 Nitrobenzene
 Concen: 20.440 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion	77	Resp	403618
Ion Ratio	Lower	Upper	
77	100		
123	52.6	41.0	61.6
65	12.9	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

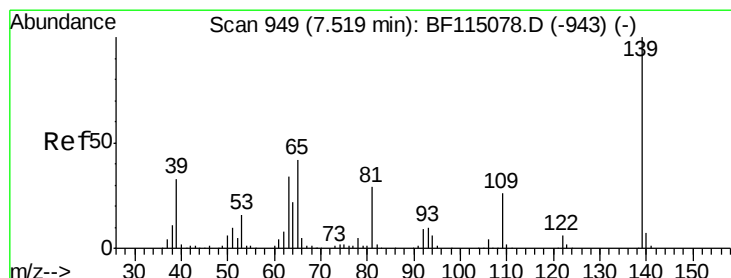
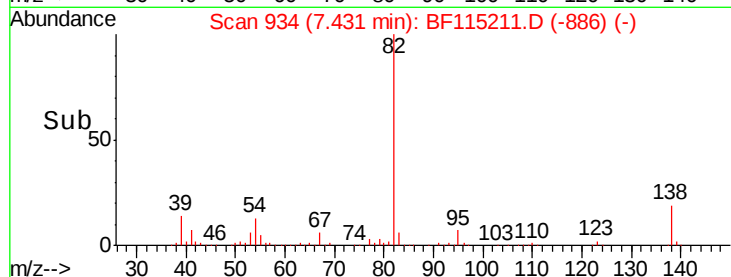
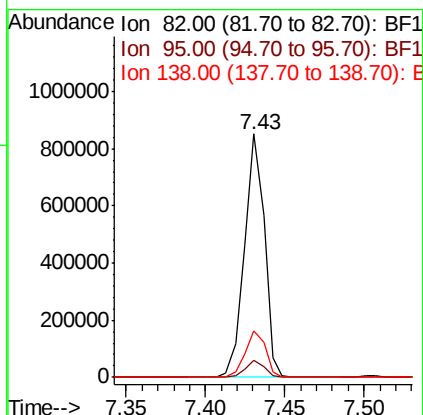
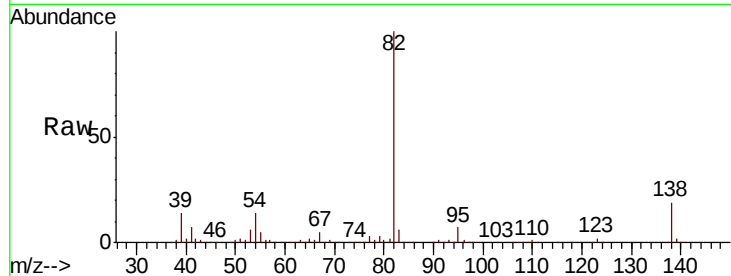




#25
Isophorone
Concen: 20.136 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

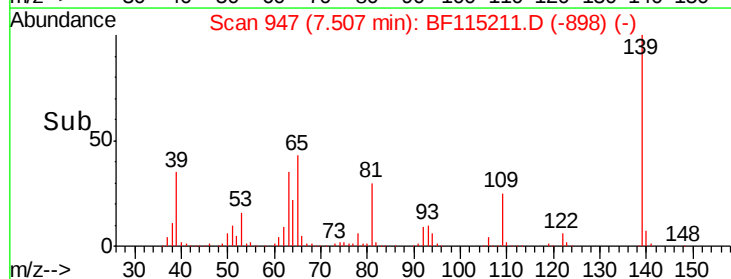
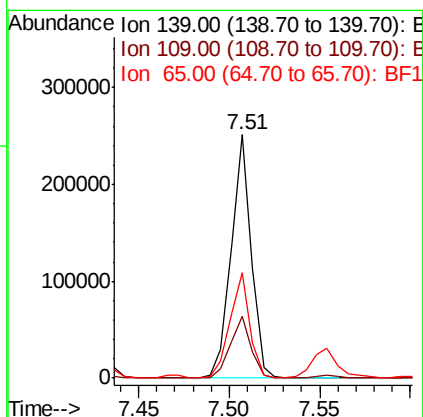
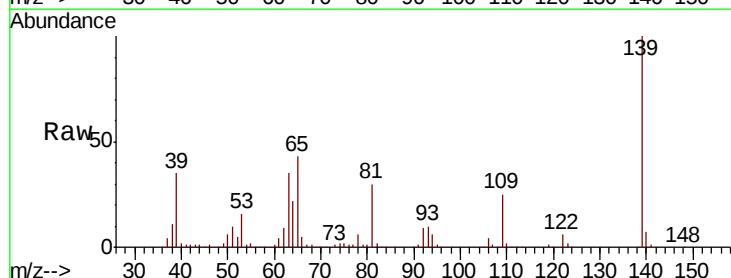
Instrument :
BNA_F
ClientSampled :

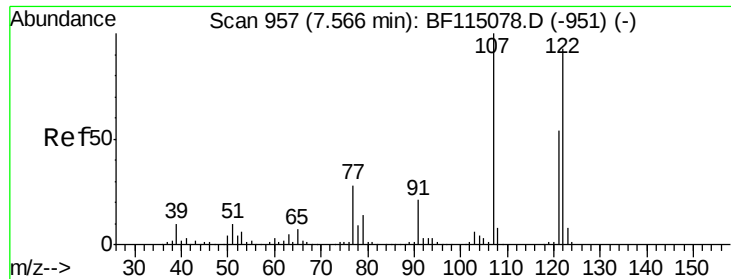
Tot Ion: 82 Resp: 739335
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.0 15.9 23.9



#26
2-Nitrophenol
Concen: 19.980 ng
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion: 139 Resp: 194841
Ion Ratio Lower Upper
139 100
109 25.5 20.4 30.6
65 43.2 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 20.894 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampled :

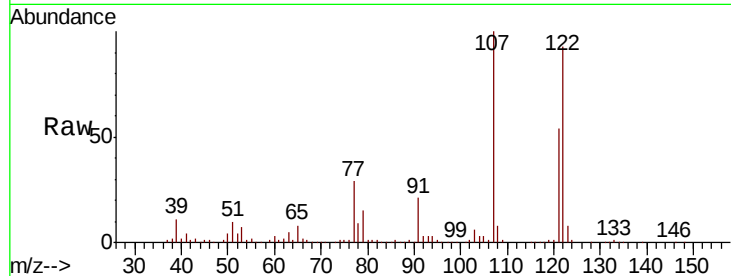
Tot Ion:122 Resp: 333596

Ion Ratio Lower Upper

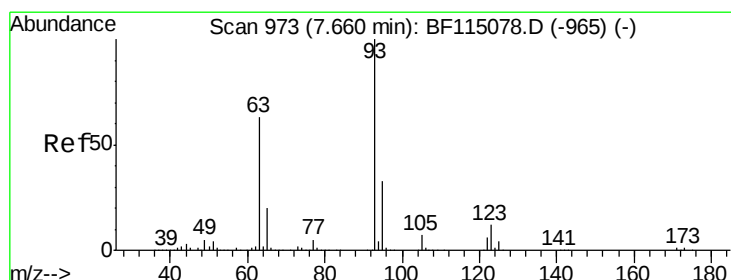
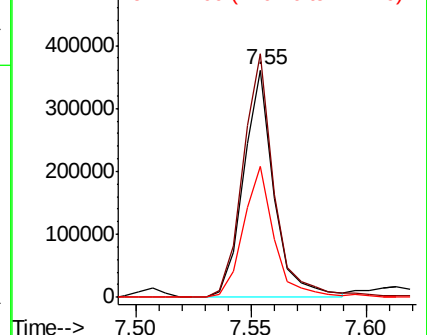
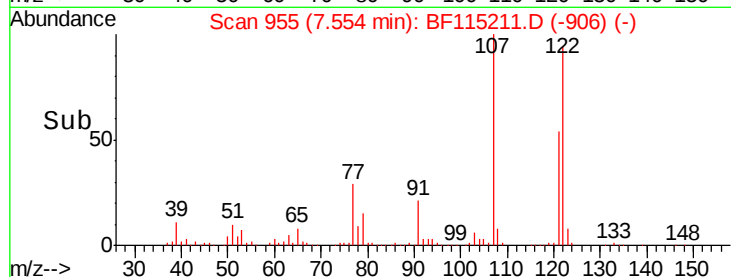
122 100

107 107.0 85.8 128.6

121 57.5 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: 20.189 ng

RT: 7.65 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

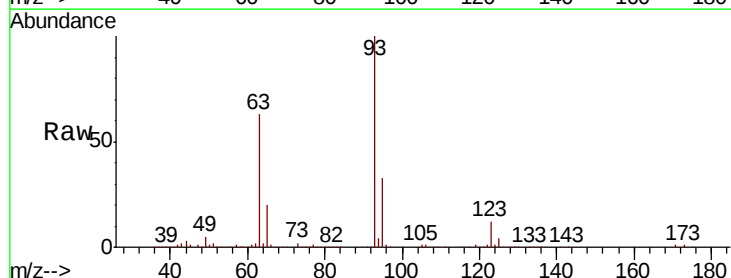
Tgt Ion: 93 Resp: 468524

Ion Ratio Lower Upper

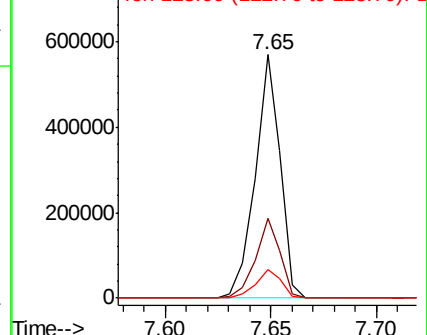
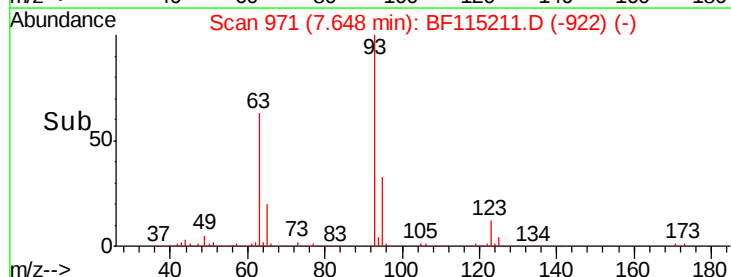
93 100

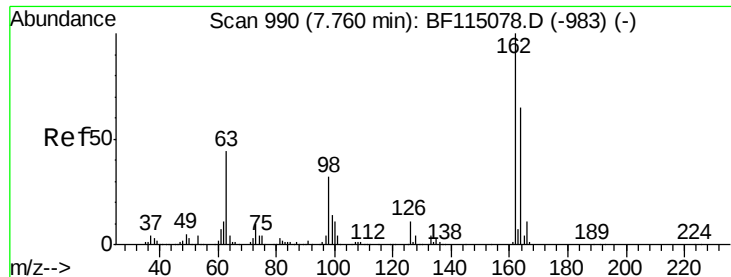
95 32.7 26.2 39.4

123 11.8 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

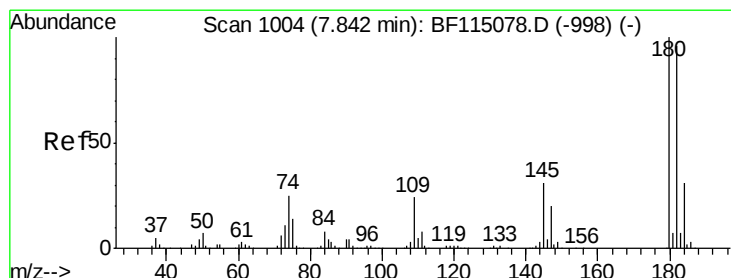
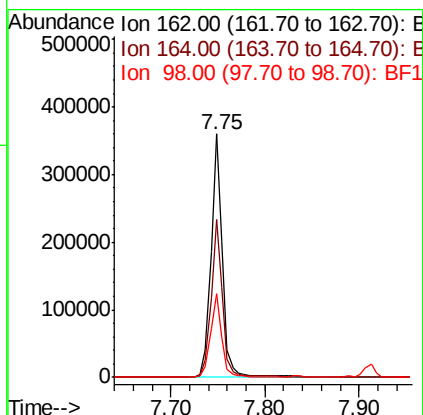
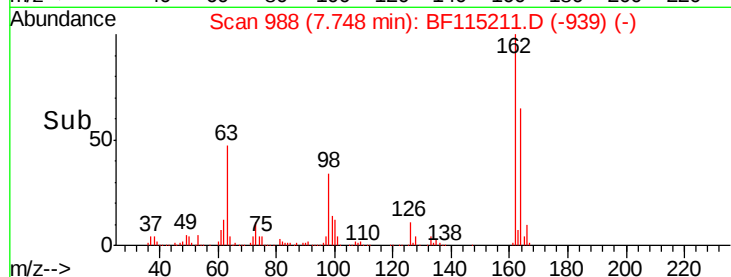
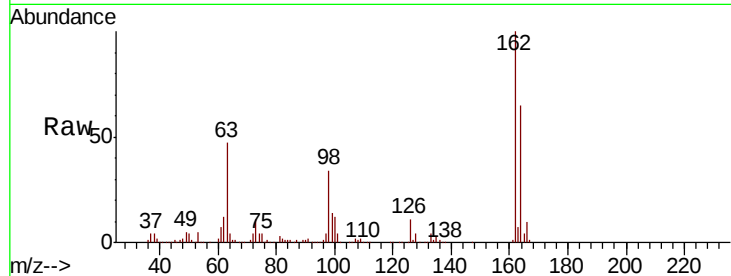




#29
2,4-Dichlorophenol
Concen: 19.051 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

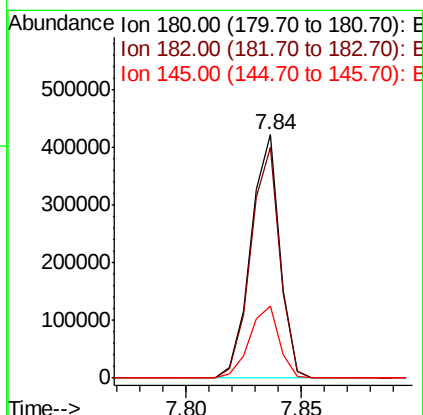
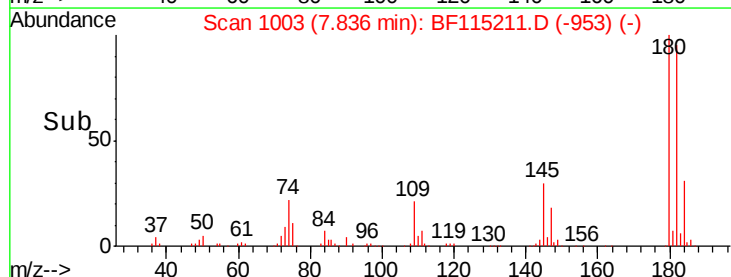
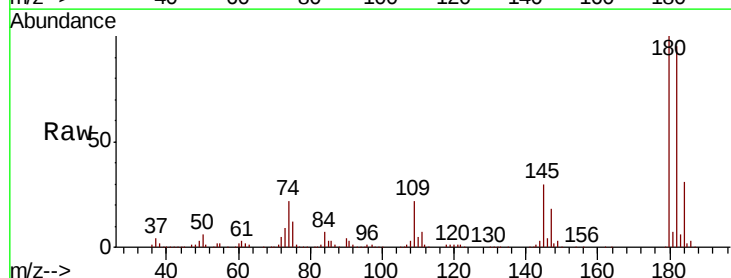
Instrument :
BNA_F
ClientSampled :

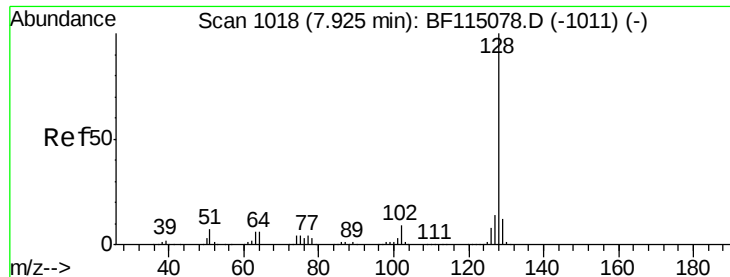
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.3	85.3
98	34.2	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 20.364 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	29.5	24.8	37.2

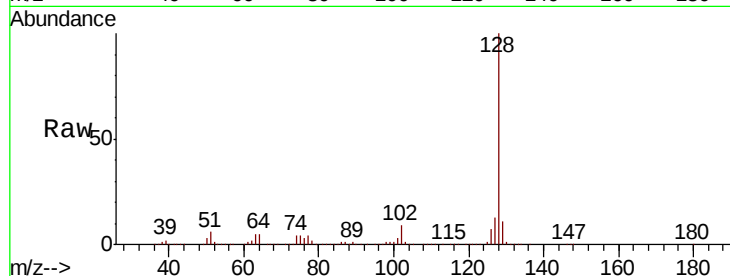




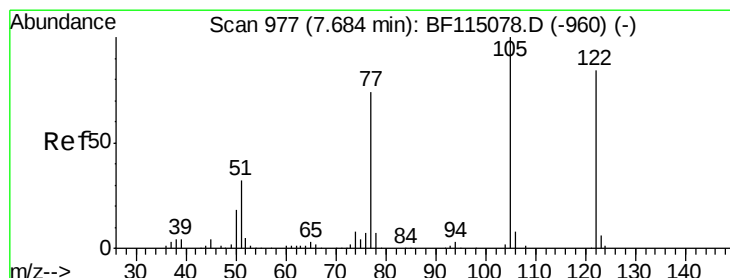
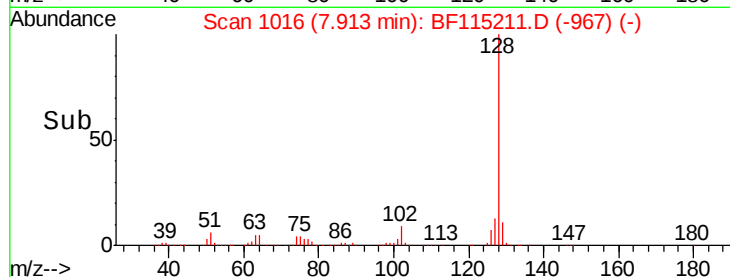
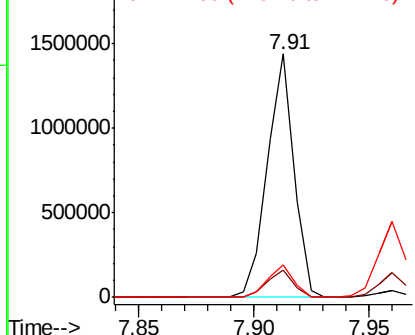
#31
Naphthalene
Concen: 21.379 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1157124
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.4 11.4 17.0

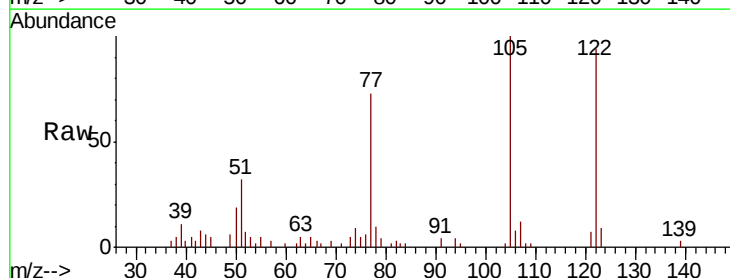


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

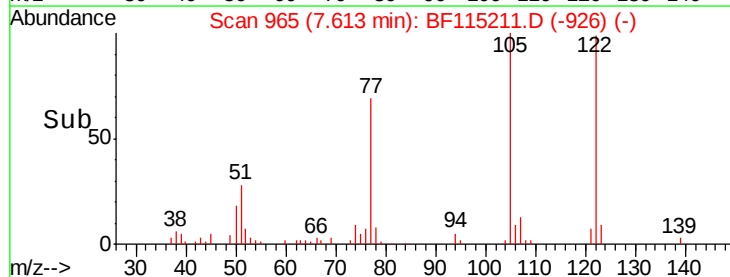
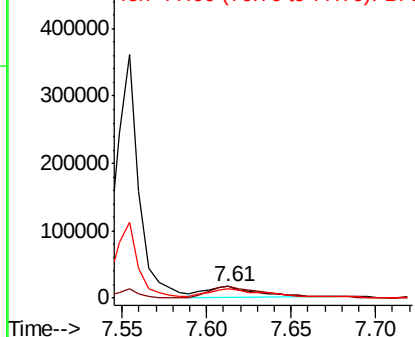


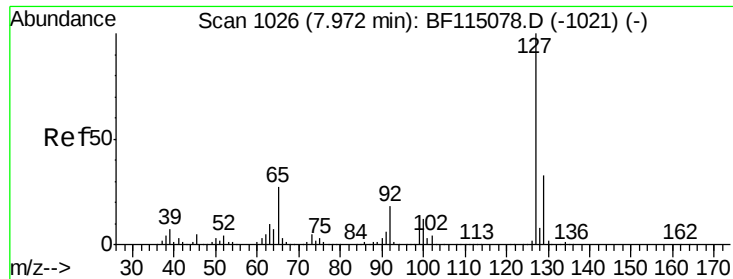
#32
Benzoic acid
Concen: 2.871 ng
RT: 7.61 min Scan# 965
Delta R.T. -0.07 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:122 Resp: 32716
Ion Ratio Lower Upper
122 100
105 106.3 98.2 138.2
77 77.3 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

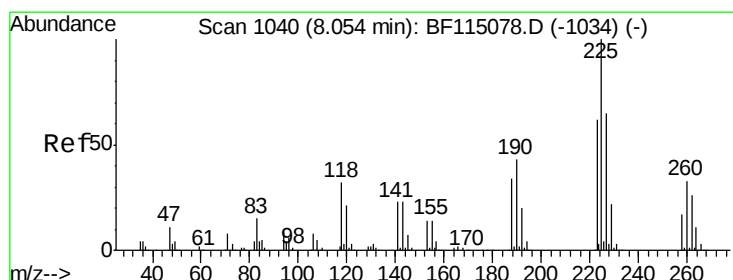
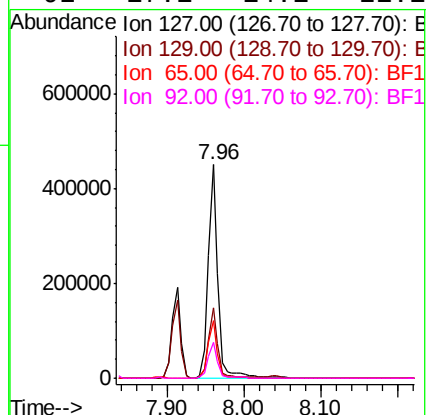
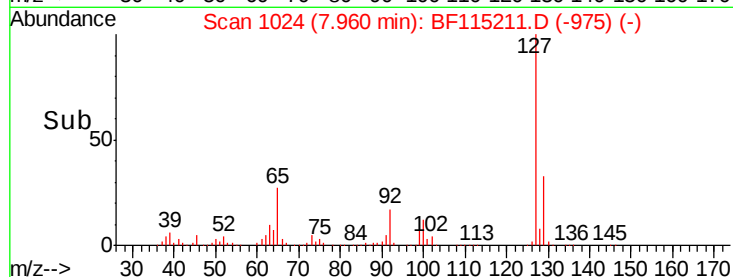
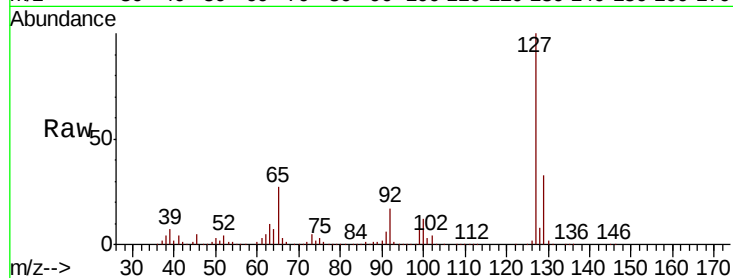




#33
4-Chloroaniline
Concen: 15.853 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

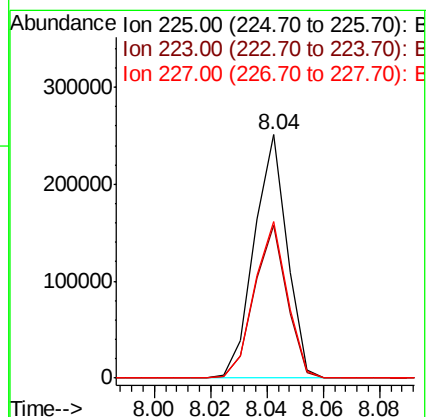
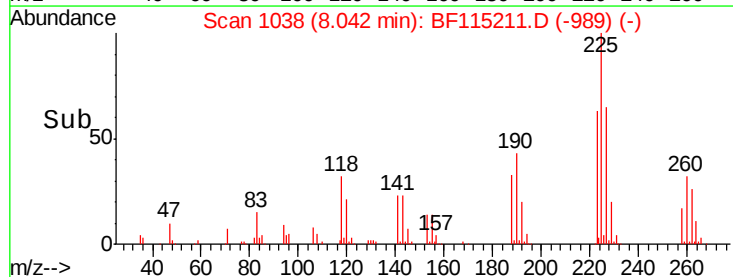
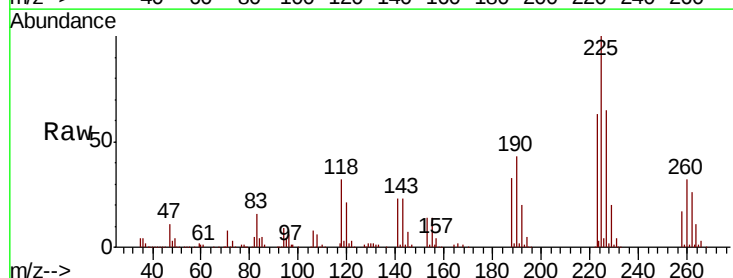
Instrument :
BNA_F
ClientSampleId :

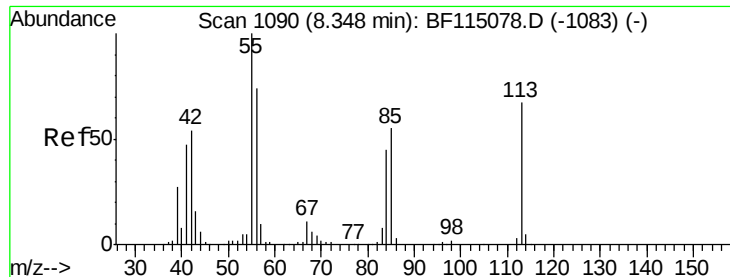
Tot Ion:	127	Resp:	392130
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	26.9	21.4	32.2
92	17.1	14.1	21.1



#34
Hexachlorobutadiene
Concen: 20.334 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:	225	Resp:	202809
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	64.6	51.8	77.8

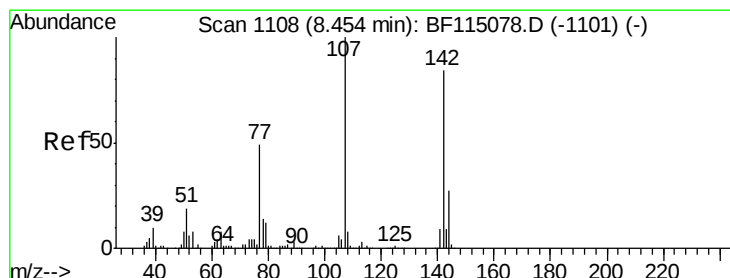
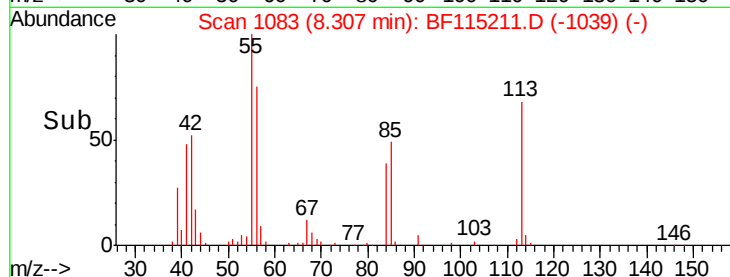
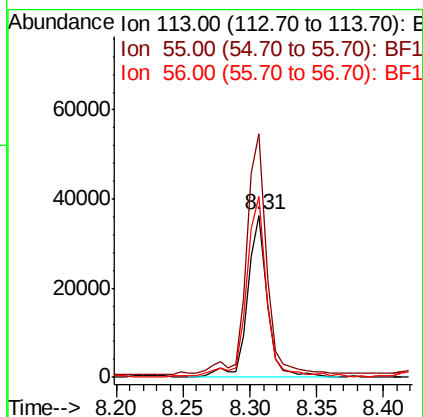
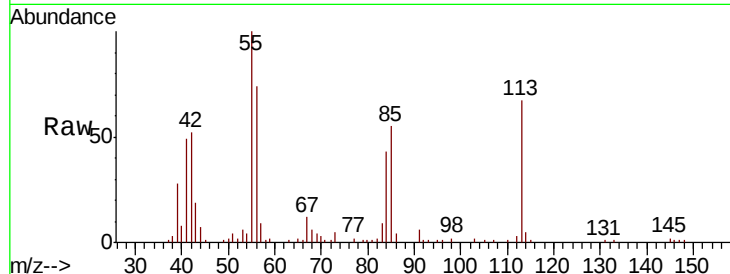




#35
 Caprolactam
 Concen: 6.635 ng
 RT: 8.31 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

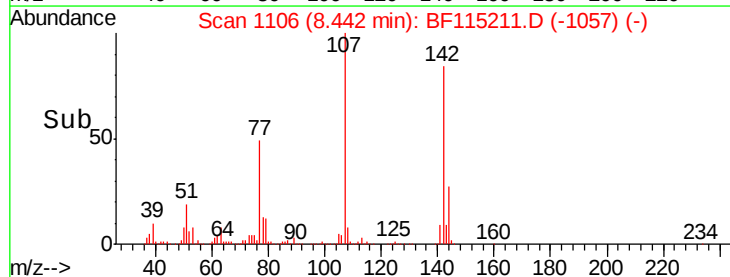
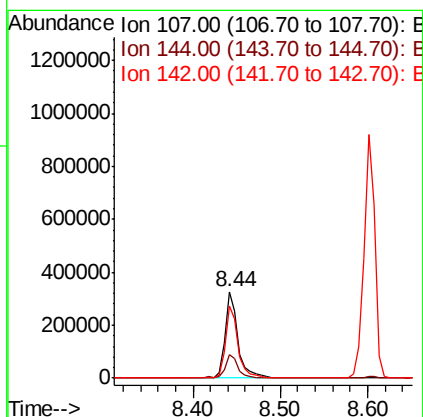
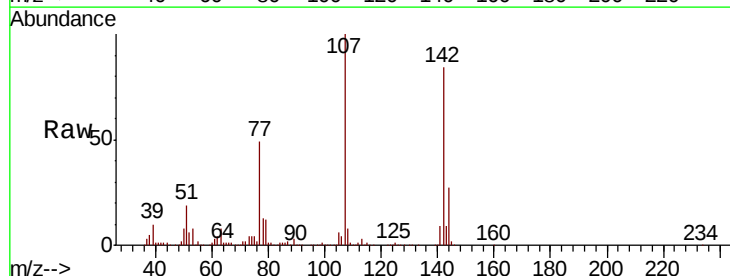
Instrument :
 BNA_F
 ClientSampleId :

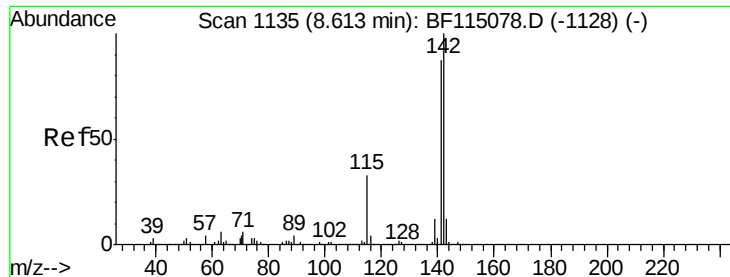
Tot Ion:113 Resp: 36754
 Ion Ratio Lower Upper
 113 100
 55 150.3 130.2 170.2
 56 111.3 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 19.884 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion:107 Resp: 331801
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.7 32.5
 142 83.9 67.0 100.4

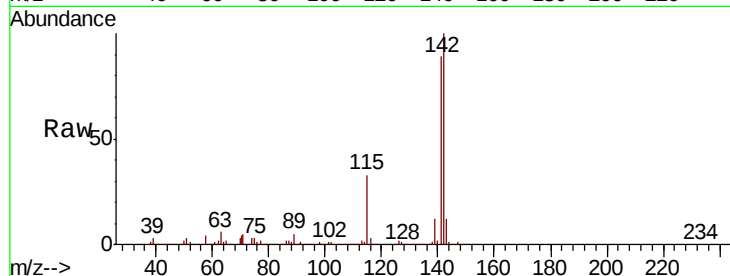




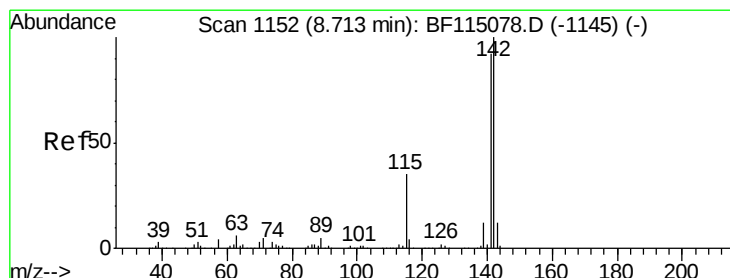
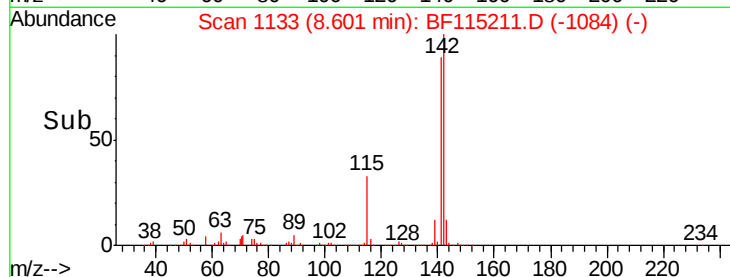
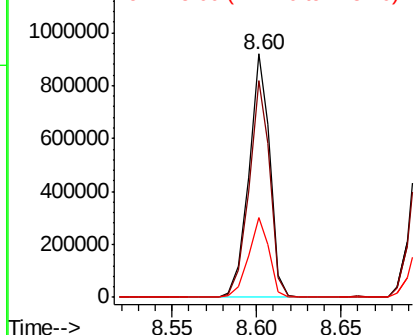
#37
2-Methylnaphthalene
Concen: 21.833 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 796771
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6
115 32.8 26.7 40.1

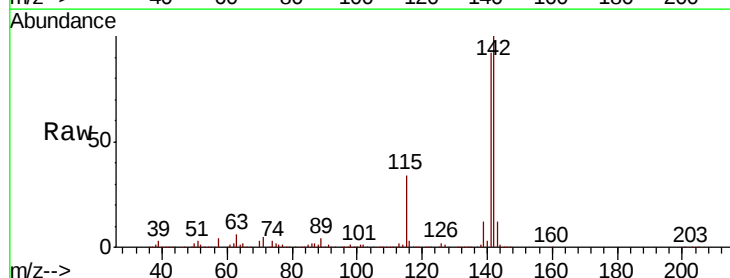


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

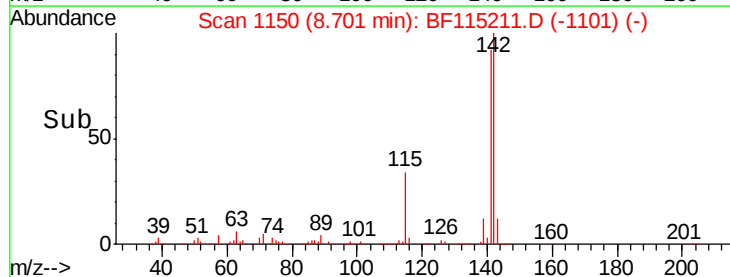
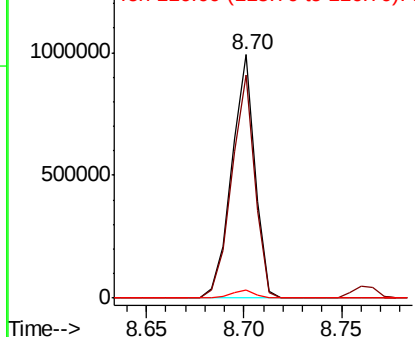


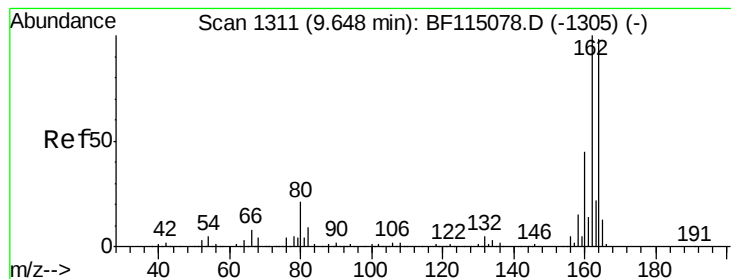
#38
1-Methylnaphthalene
Concen: 23.461 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:142 Resp: 817699
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.8
116 3.4 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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

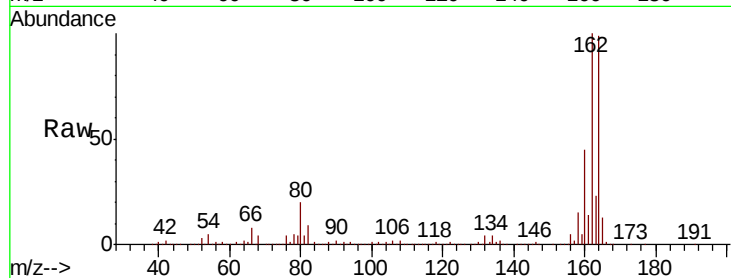
Tot Ion:164 Resp: 557544

Ion Ratio Lower Upper

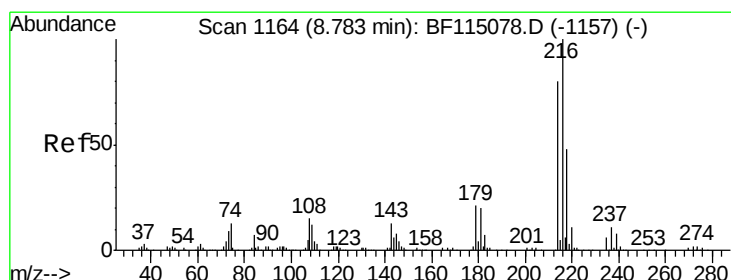
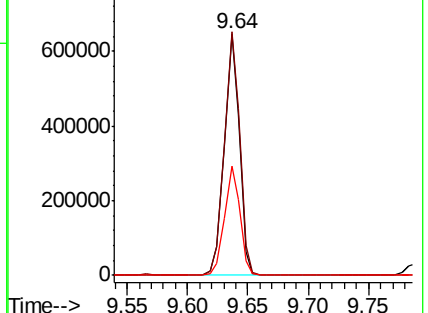
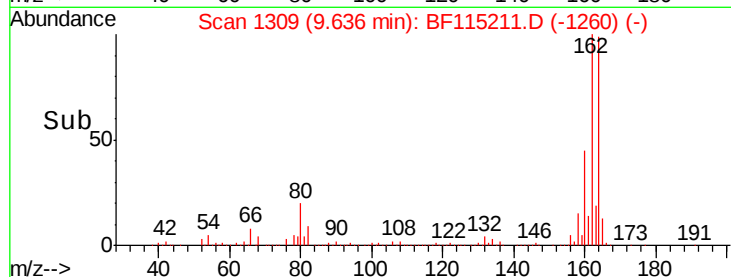
164 100

162 100.9 81.7 122.5

160 45.2 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: 21.667 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Tgt Ion:216 Resp: 341361

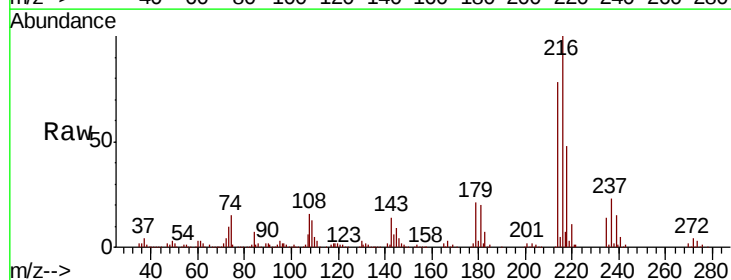
Ion Ratio Lower Upper

216 100

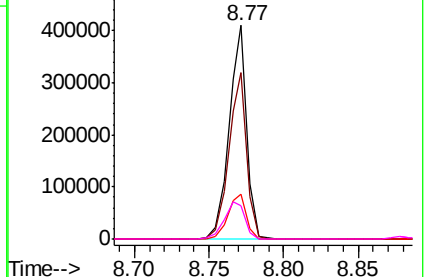
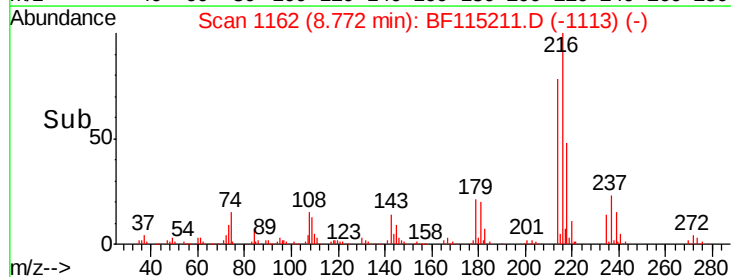
214 78.9 63.8 95.6

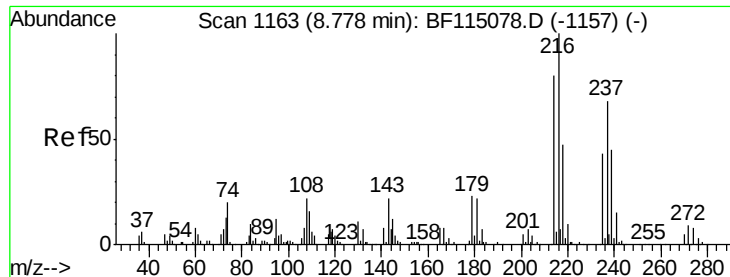
179 21.9 17.6 26.4

108 20.6 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: 37.556 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

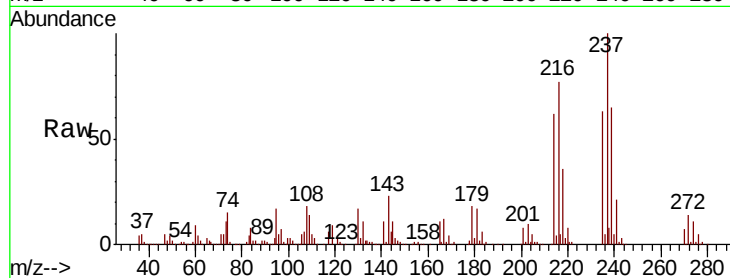
Tot Ion:237 Resp: 350855

Ion Ratio Lower Upper

237 100

235 63.3 43.9 83.9

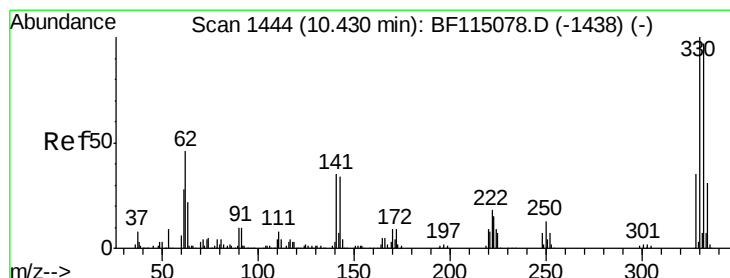
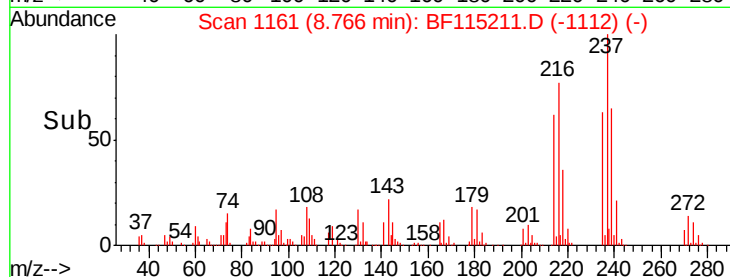
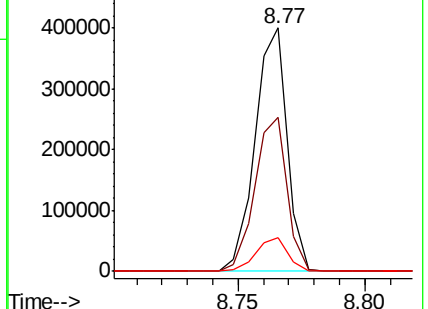
272 14.1 0.0 33.8



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: 59.041 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

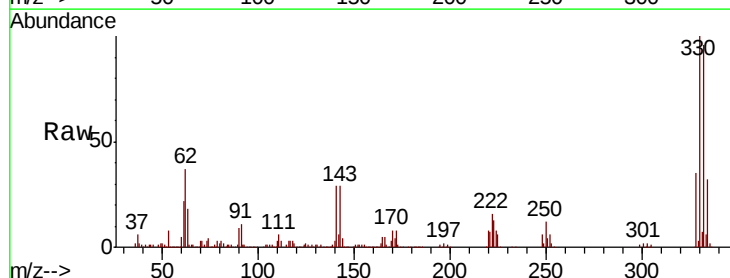
Tgt Ion:330 Resp: 347130

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

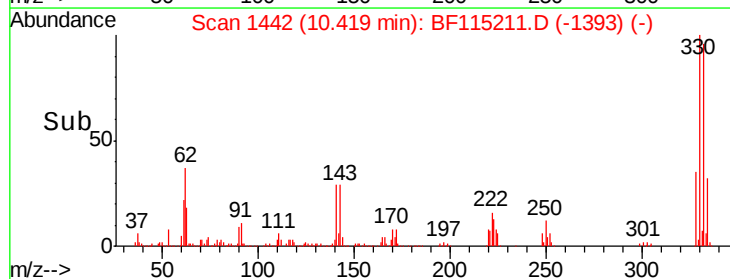
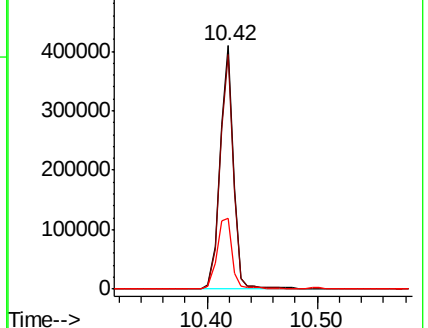
141 33.4 28.2 42.2

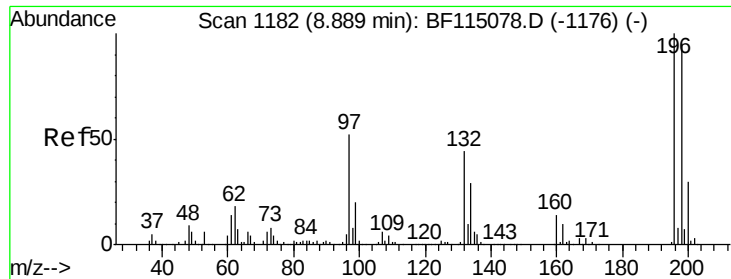


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

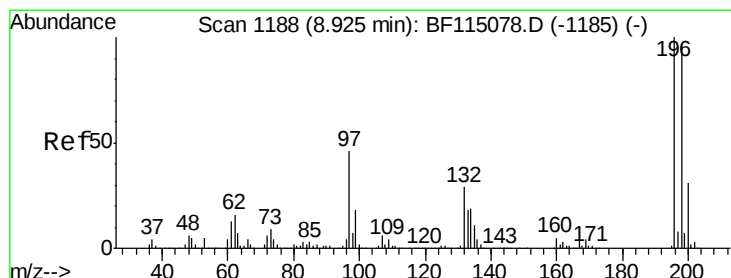
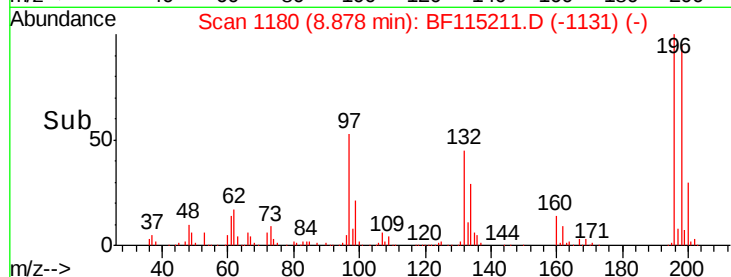
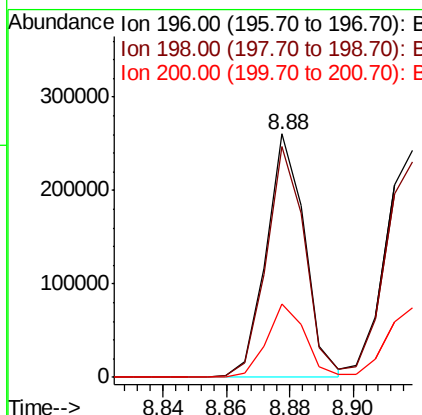
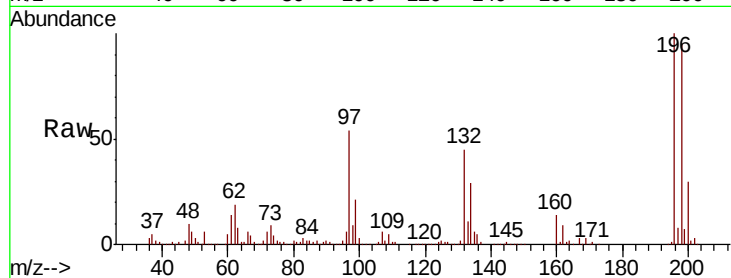




#43
 2,4,6-Trichlorophenol
 Concen: 18.081 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

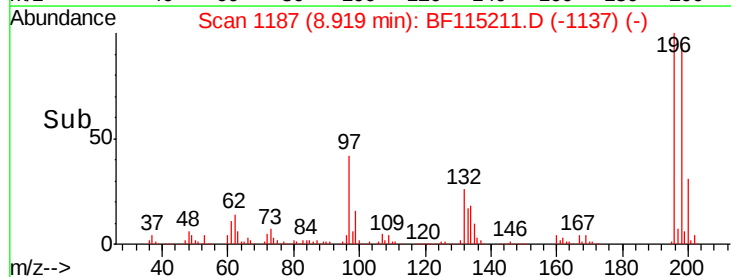
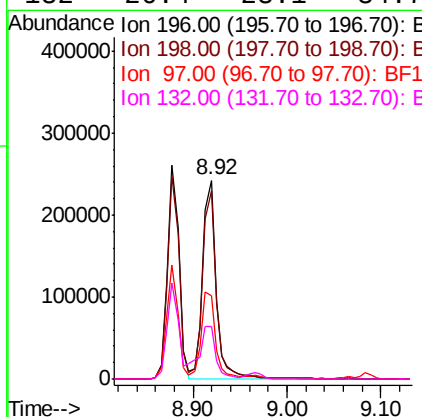
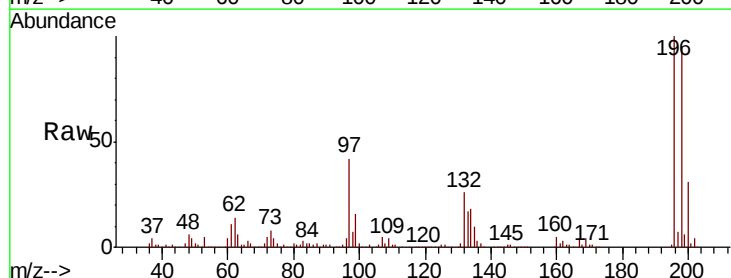
Instrument :
 BNA_F
 ClientSampleId :

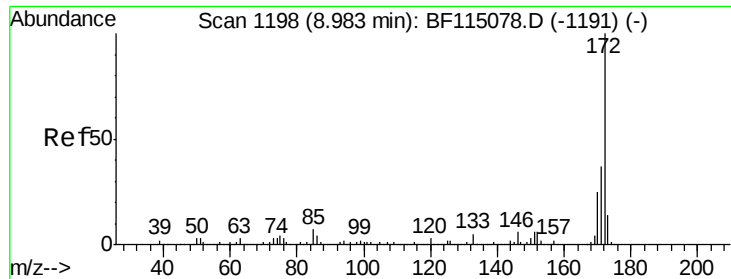
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.3	114.5
200	30.1	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 19.673 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.1	115.7
97	42.0	37.7	56.5
132	26.4	23.1	34.7

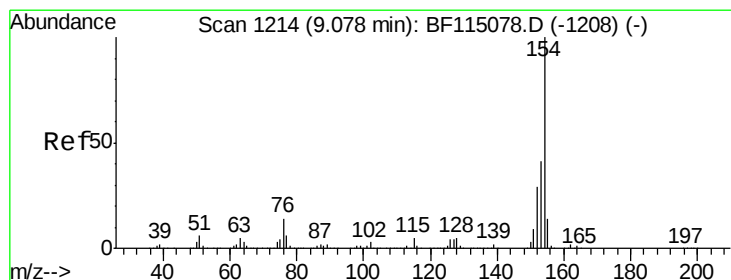
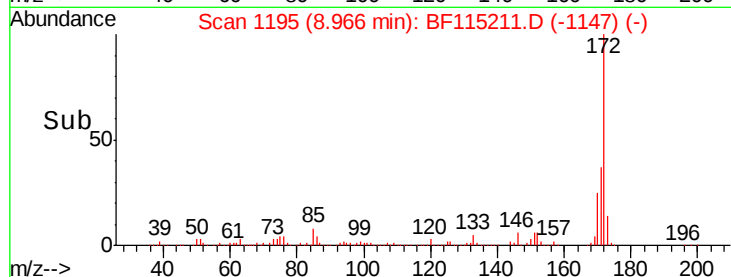
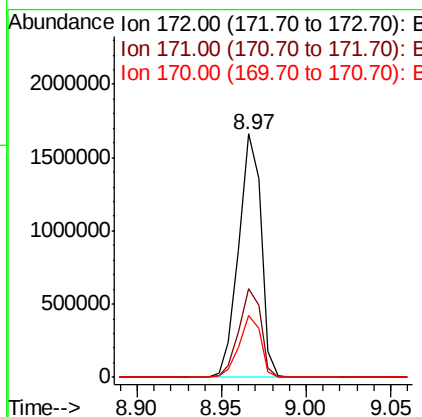
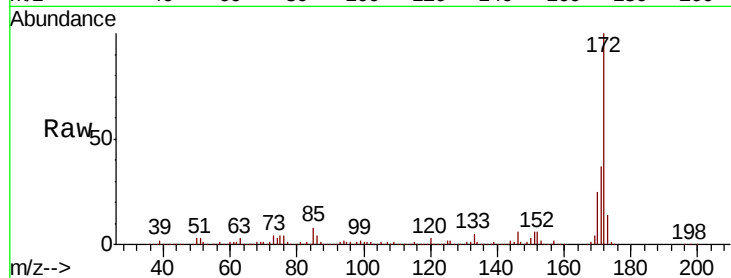




#45
2-Fluorobiphenyl
Concen: 46.918 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

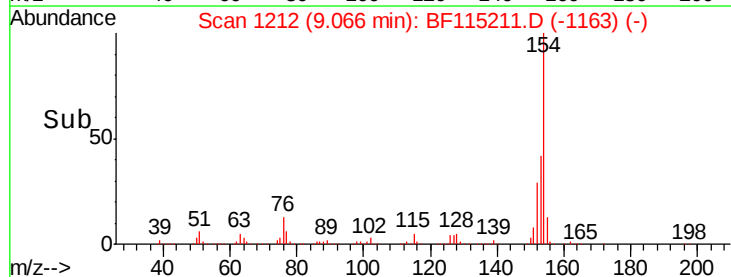
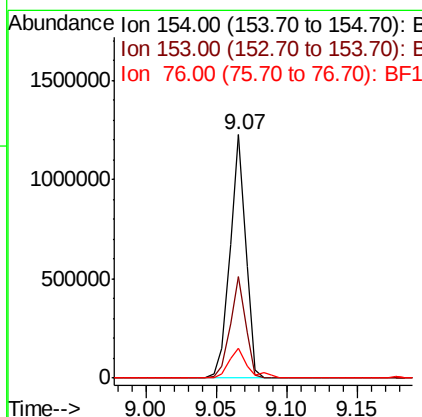
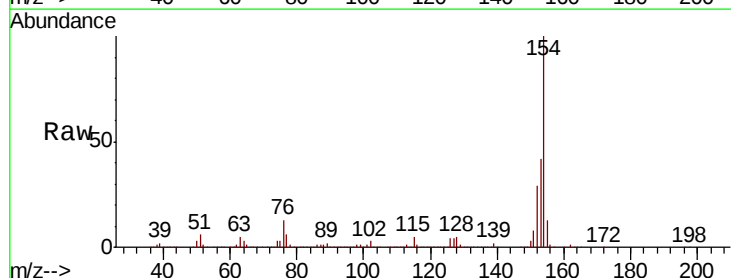
Instrument :
BNA_F
ClientSampleId :

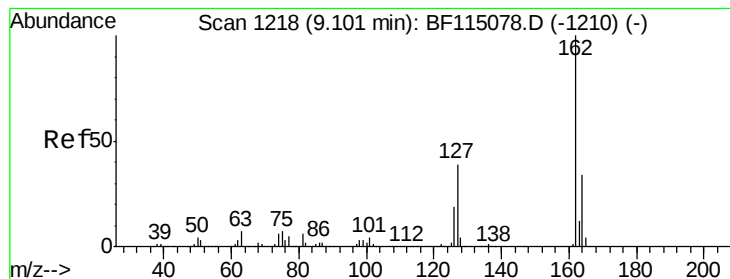
Tot Ion:172 Resp: 1540019
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 25.3 20.3 30.5



#46
1,1'-Biphenyl
Concen: 21.301 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:154 Resp: 950273
Ion Ratio Lower Upper
154 100
153 41.6 20.9 60.9
76 12.5 0.0 34.1





#47

2-Chloronaphthalene

Concen: 20.832 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

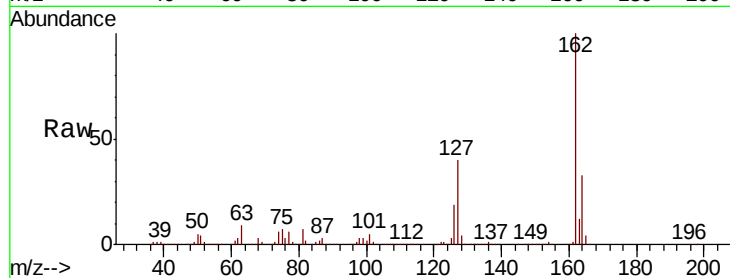
Tot Ion:162 Resp: 753855

Ion Ratio Lower Upper

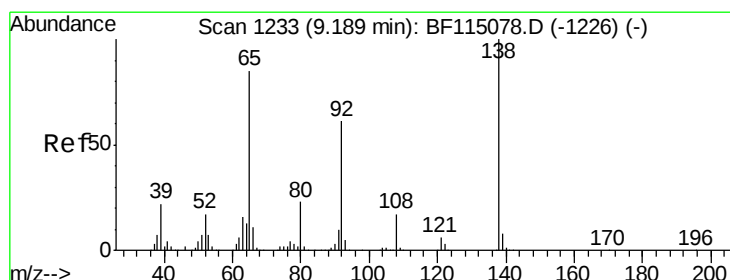
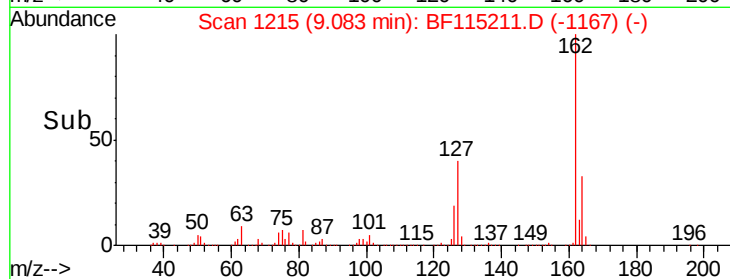
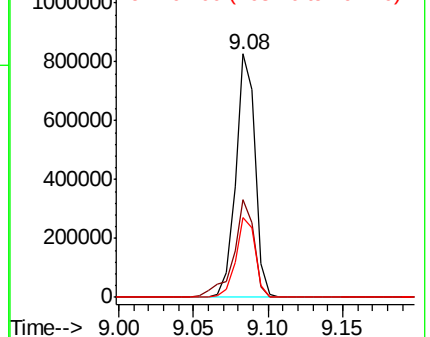
162 100

127 40.2 30.8 46.2

164 33.0 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: 21.629 ng

RT: 9.18 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

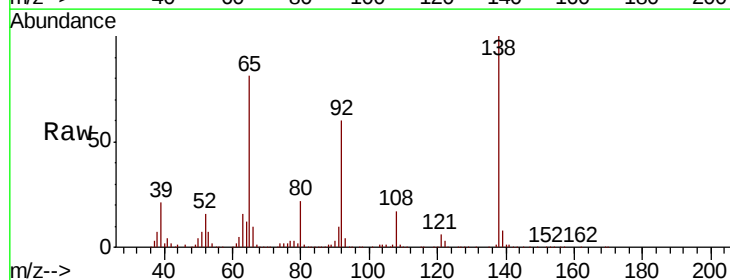
Tgt Ion: 65 Resp: 228183

Ion Ratio Lower Upper

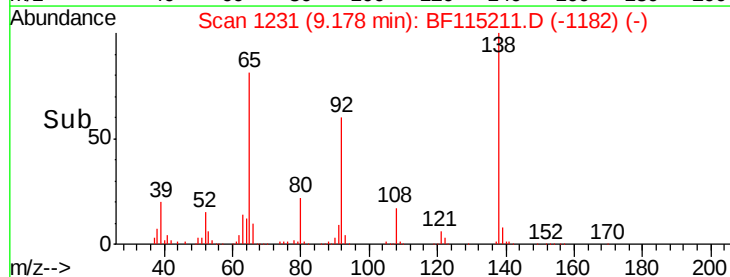
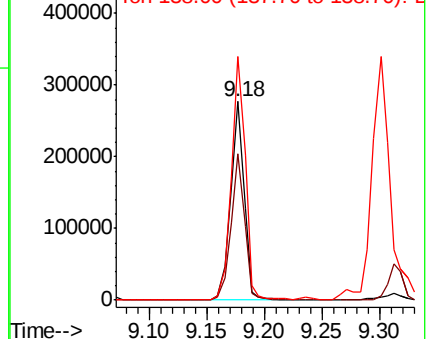
65 100

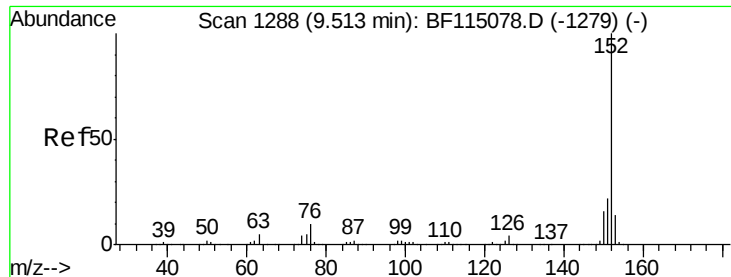
92 73.9 57.4 86.2

138 122.7 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: 21.170 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

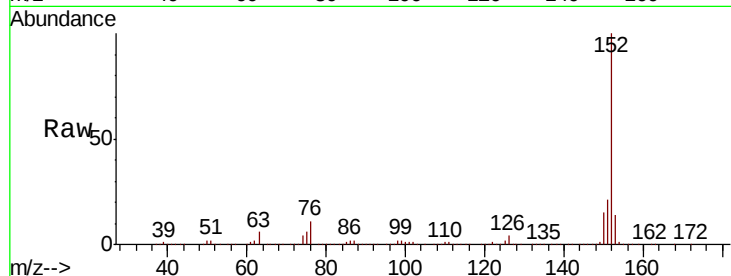
Tot Ion:152 Resp: 1193574

Ion Ratio Lower Upper

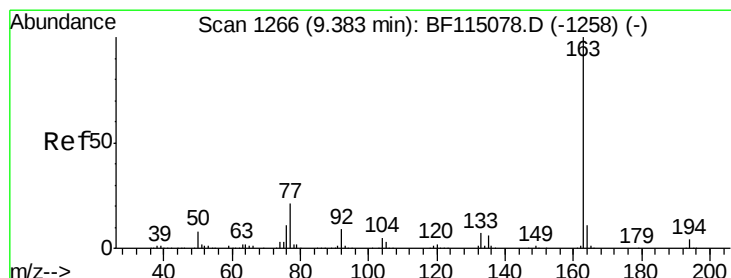
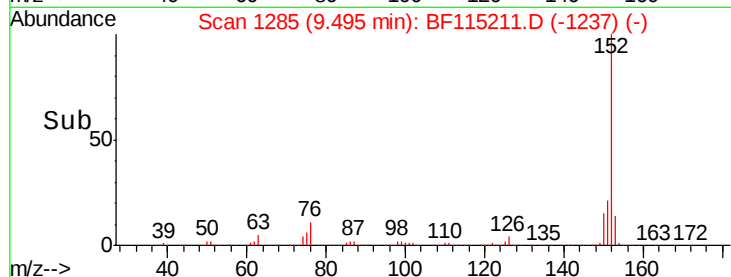
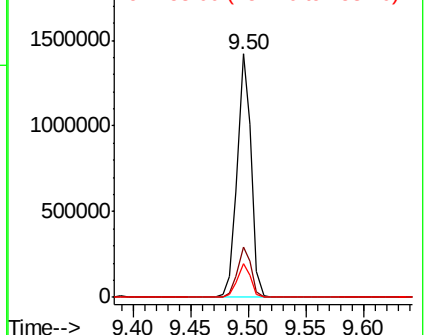
152 100

151 20.7 17.2 25.8

153 13.7 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: 23.749 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

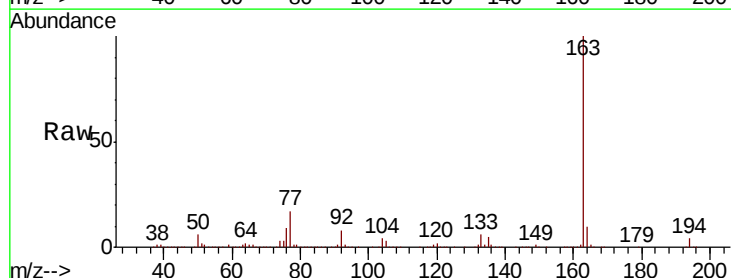
Tgt Ion:163 Resp: 974175

Ion Ratio Lower Upper

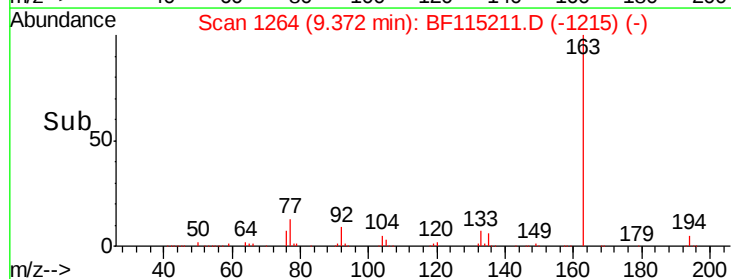
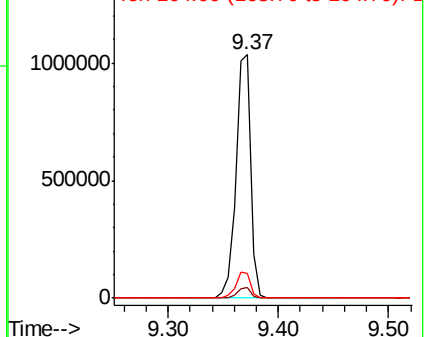
163 100

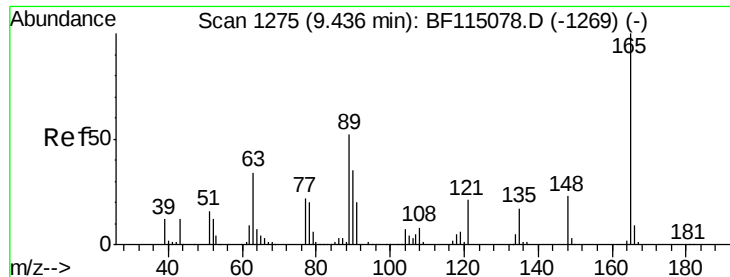
194 4.1 3.2 4.8

164 10.0 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

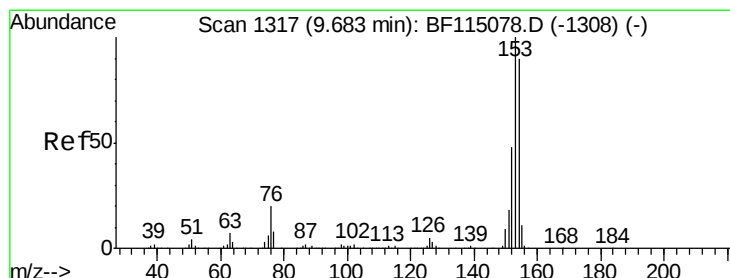
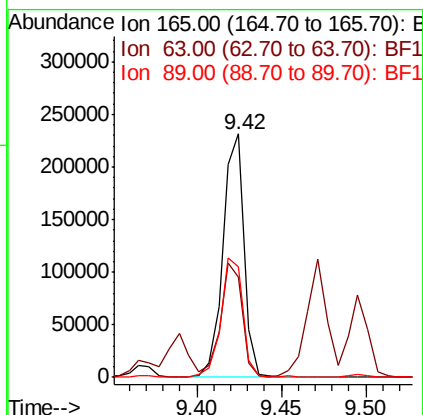
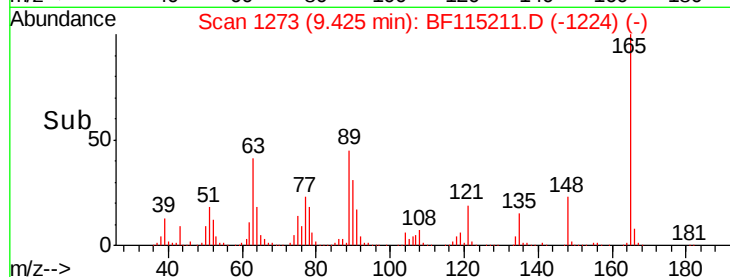
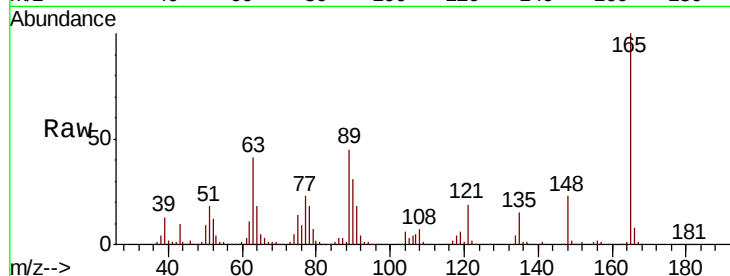




#51
 2,6-Dinitrotoluene
 Concen: 21.188 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

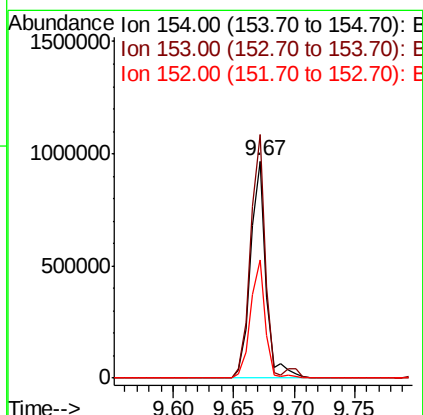
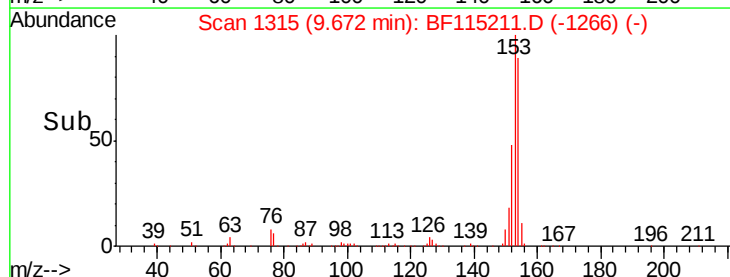
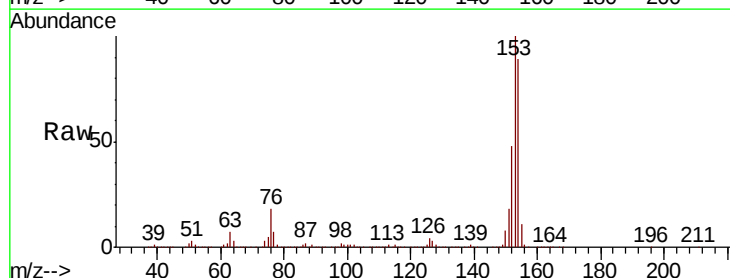
Instrument :
 BNA_F
 ClientSampleId :

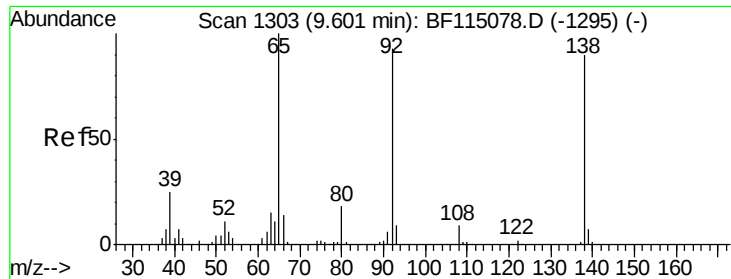
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	39.4	59.2
89	45.2	42.0	63.0



#52
 Acenaphthene
 Concen: 24.629 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.7	133.1
152	54.3	42.6	64.0

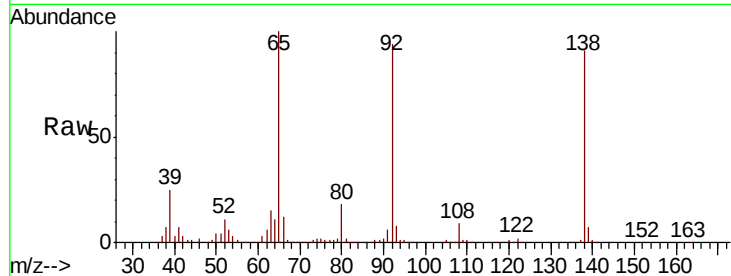




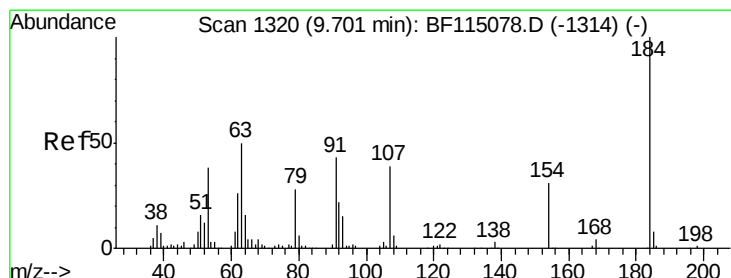
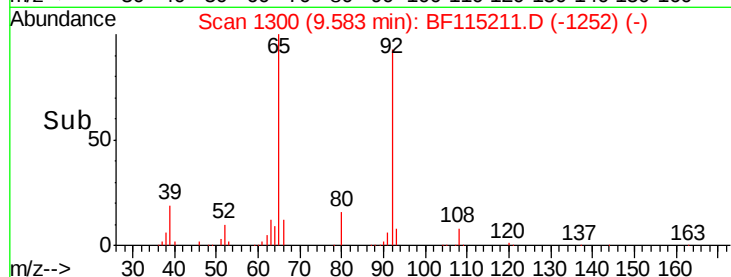
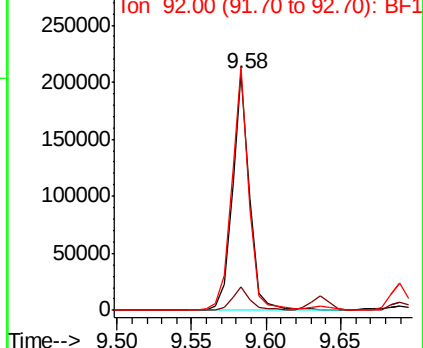
#53
3-Nitroaniline
Concen: 14.533 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 167951
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 102.8 82.9 124.3

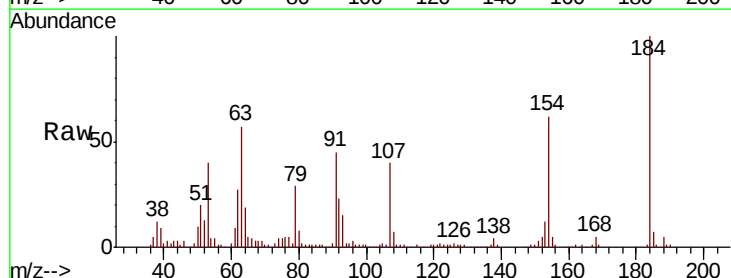


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

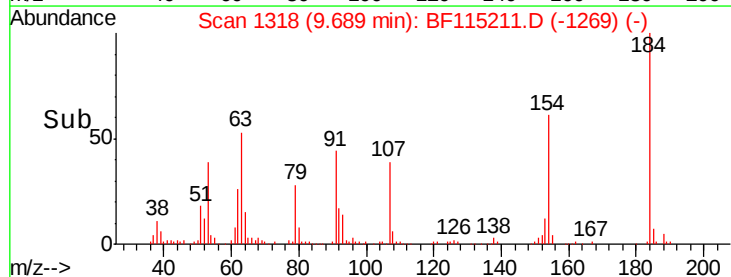
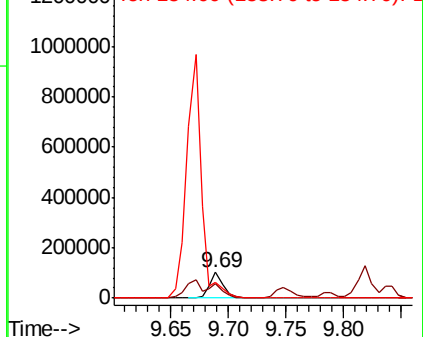


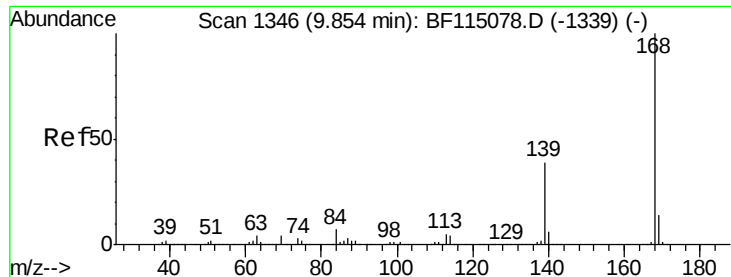
#54
2,4-Dinitrophenol
Concen: 23.753 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:184 Resp: 88044
Ion Ratio Lower Upper
184 100
63 57.4 41.9 62.9
154 61.7 44.7 67.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

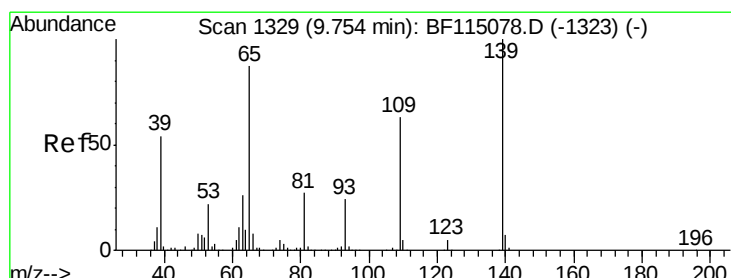
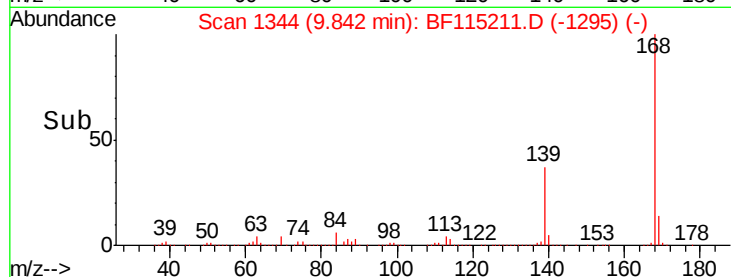
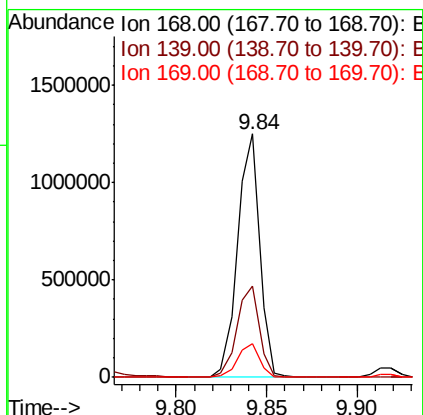
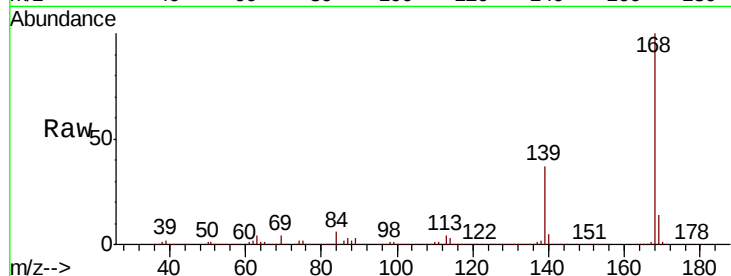




#55
Dibenzofuran
Concen: 20.992 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

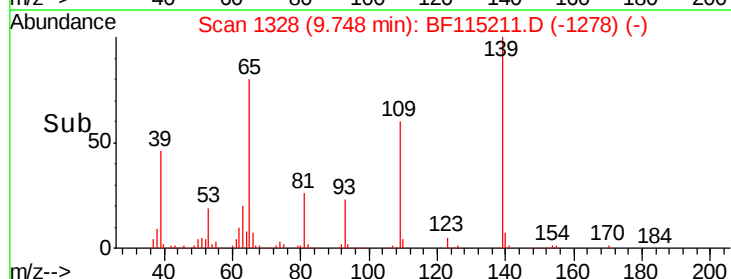
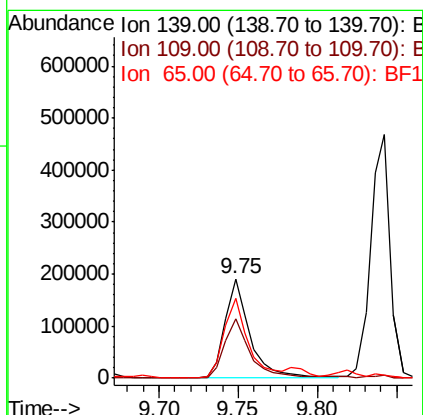
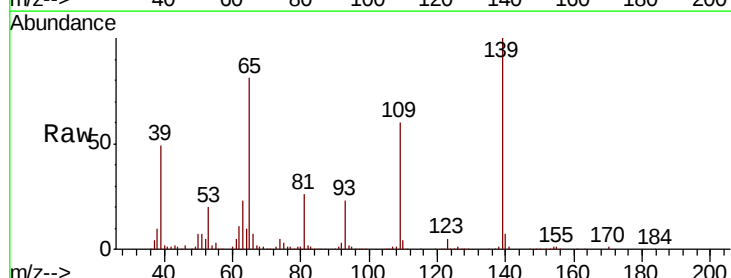
Instrument :
BNA_F
ClientSampleId :

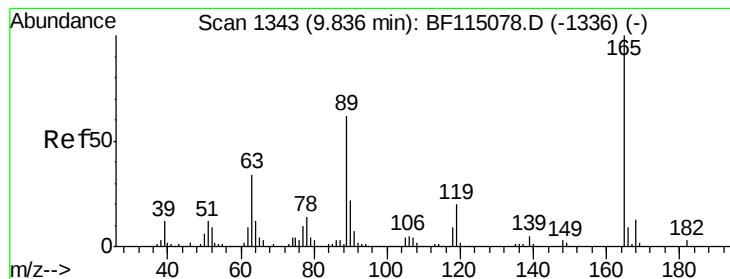
Tot Ion:168 Resp: 1062964
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 22.635 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:139 Resp: 209717
Ion Ratio Lower Upper
139 100
109 60.4 43.0 83.0
65 80.8 67.0 107.0





#57

2,4-Dinitrotoluene

Concen: 22.564 ng

RT: 9.82 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 275915

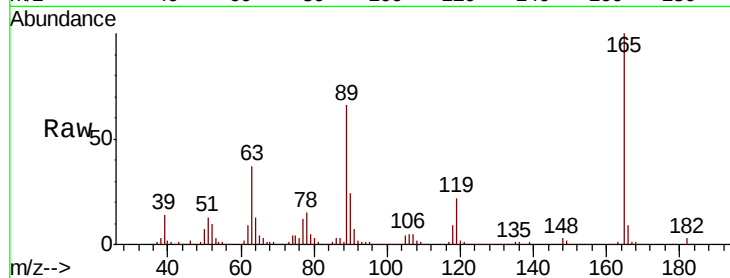
Ion Ratio Lower Upper

165 100

63 37.2 27.5 41.3

89 66.2 49.9 74.9

182 2.6 2.1 3.1

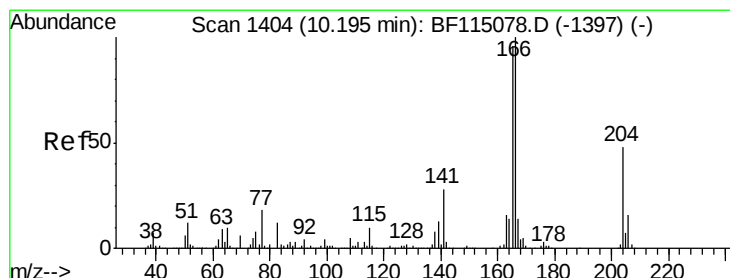
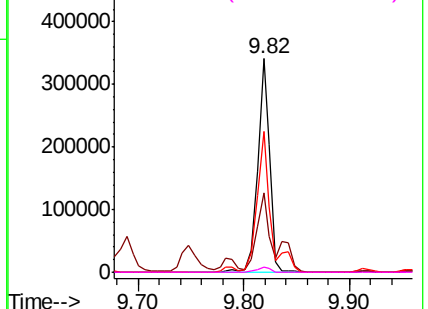
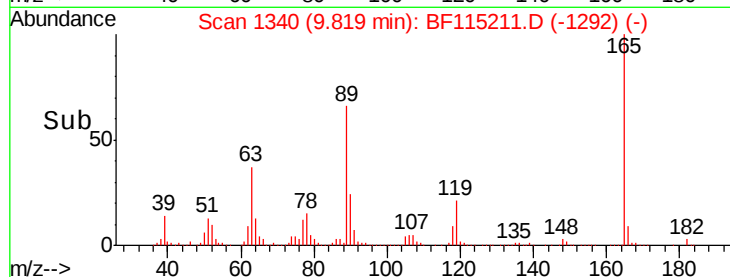


Abundance Ion 165.00 (164.70 to 165.70): E

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: 22.653 ng

RT: 10.18 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

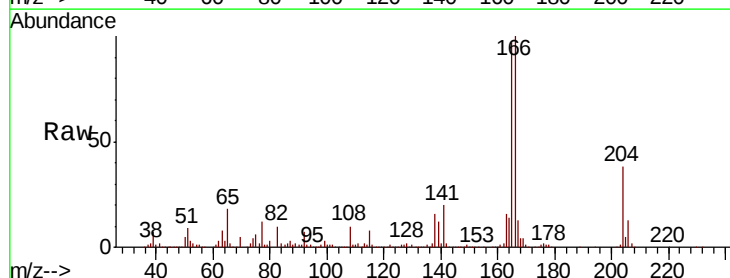
Tgt Ion:166 Resp: 873984

Ion Ratio Lower Upper

166 100

165 97.4 76.5 114.7

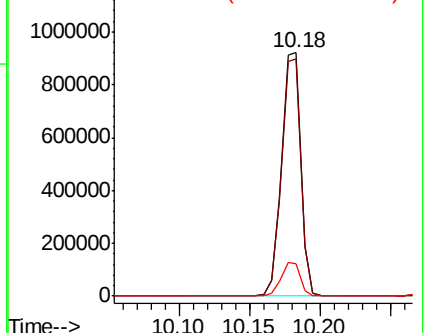
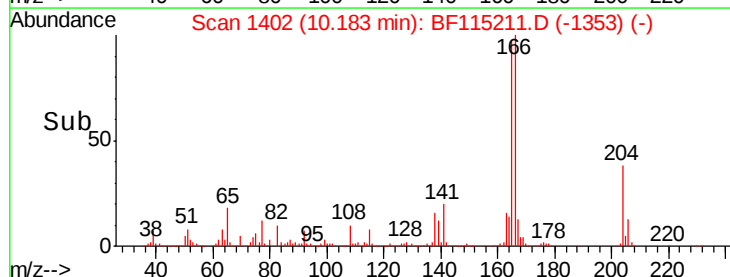
167 13.4 11.0 16.4

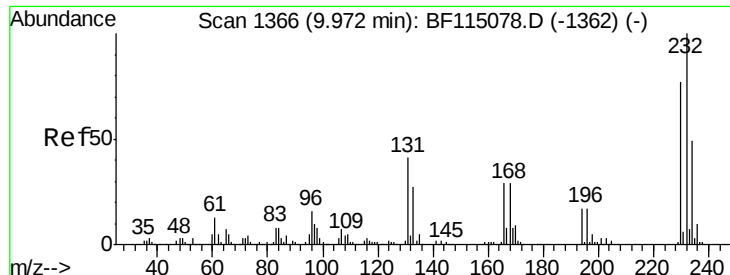


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

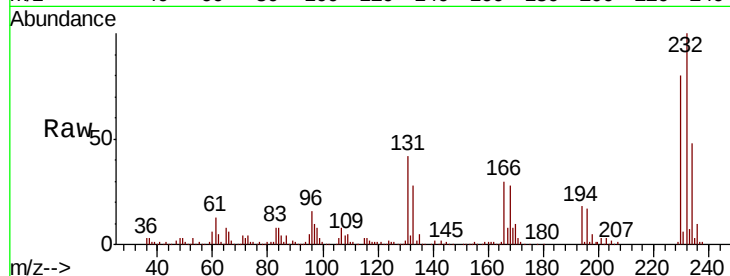




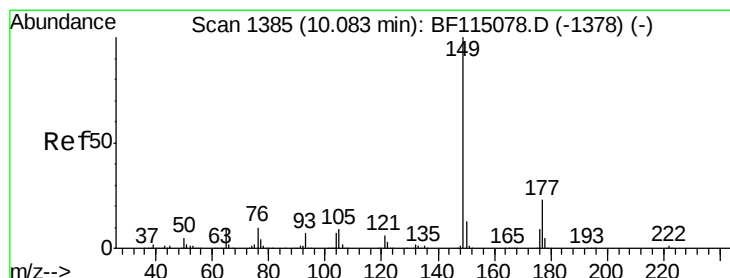
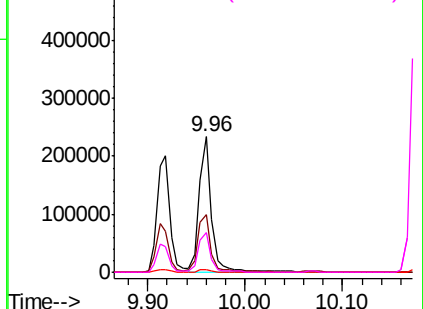
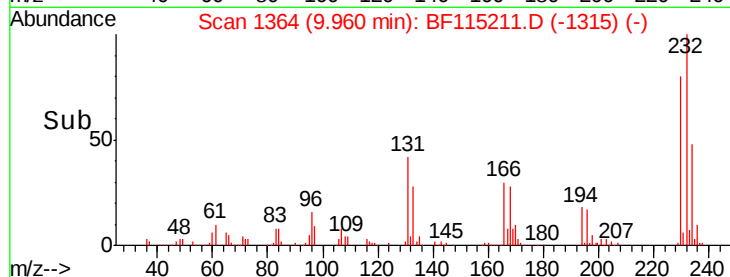
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.244 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	202128
Ion Ratio	Lower	Upper
232	100	
131	45.2	37.4 56.0
130	2.5	1.8 2.6
166	30.1	24.6 36.8

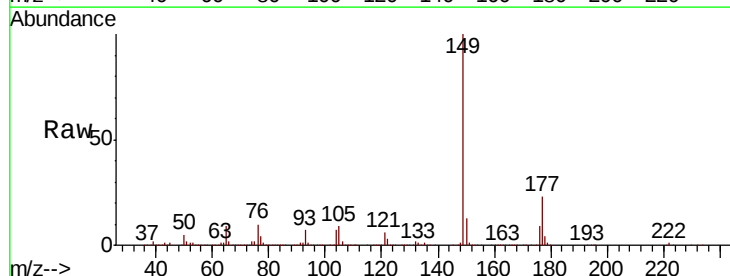


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

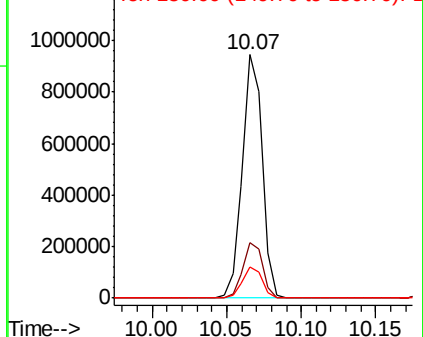
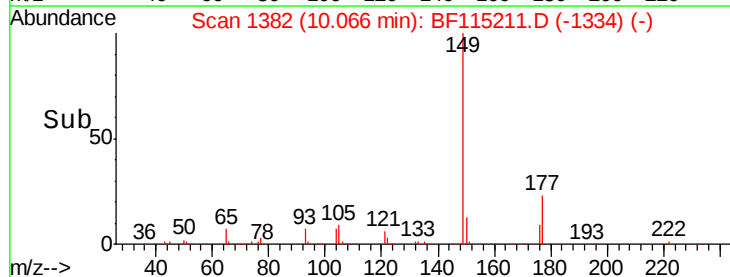


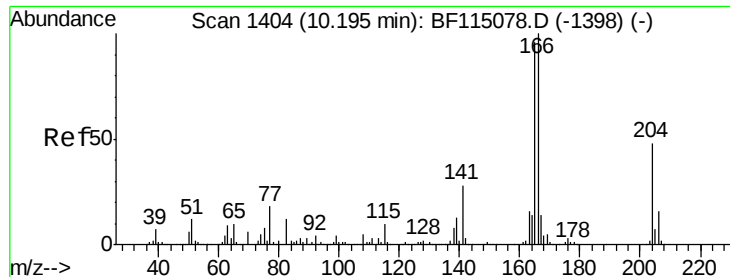
#60
 Diethylphthalate
 Concen: 21.267 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.02 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion:149	Resp:	876911
Ion Ratio	Lower	Upper
149	100	
177	22.6	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

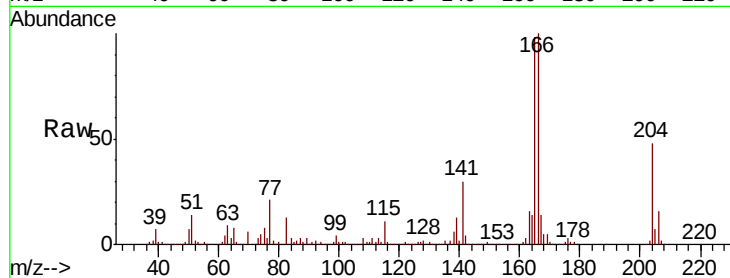




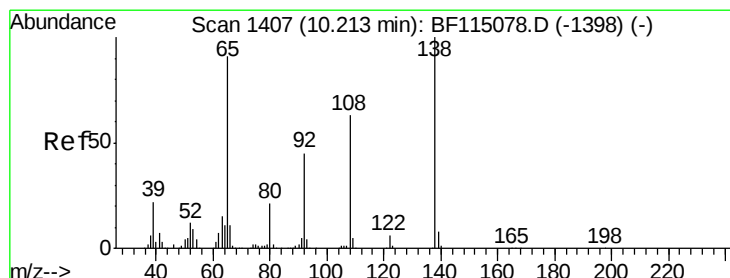
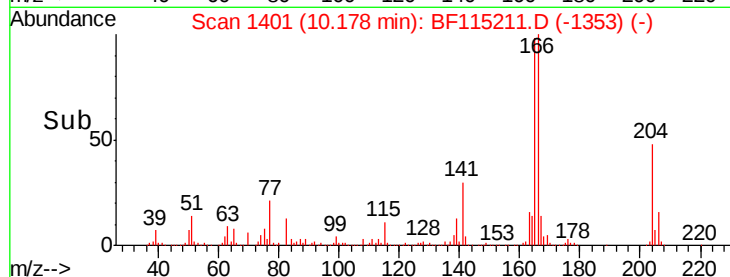
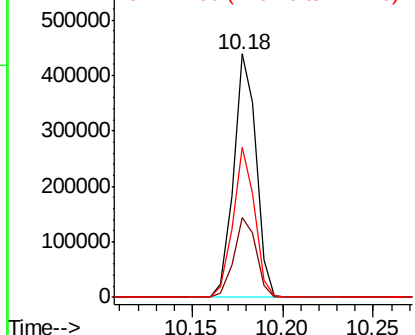
#61
4-Chlorophenyl-phenylether
Concen: 19.764 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 377766
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 61.5 46.7 70.1

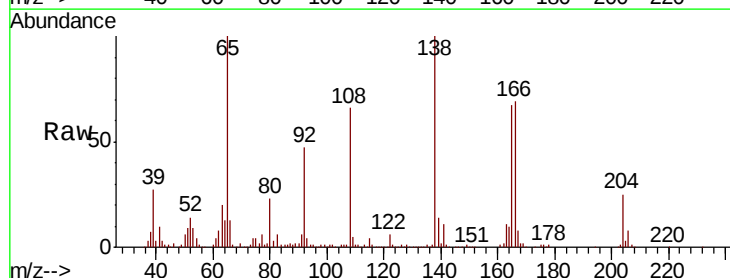


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

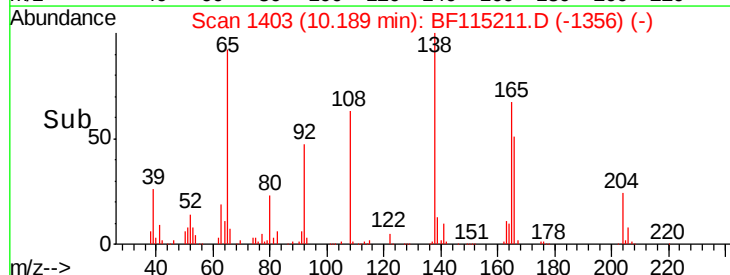
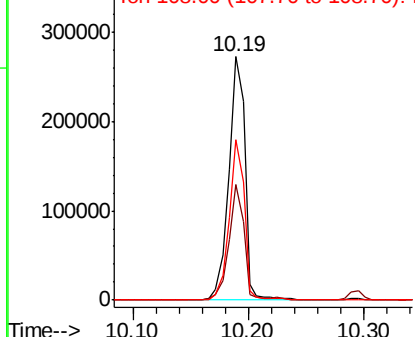


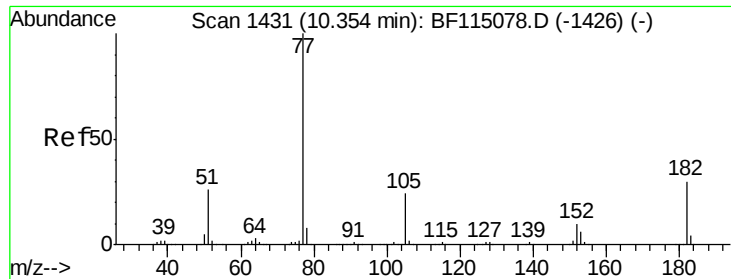
#62
4-Nitroaniline
Concen: 22.702 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:138 Resp: 263200
Ion Ratio Lower Upper
138 100
92 47.2 24.8 64.8
108 66.1 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

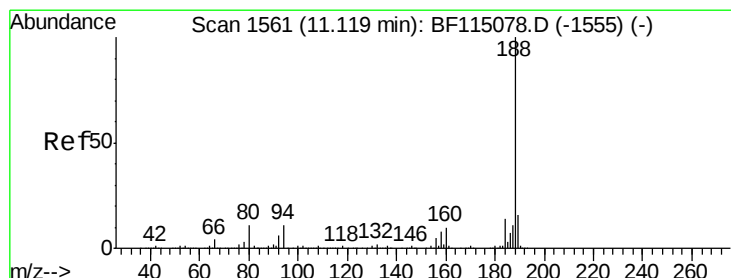
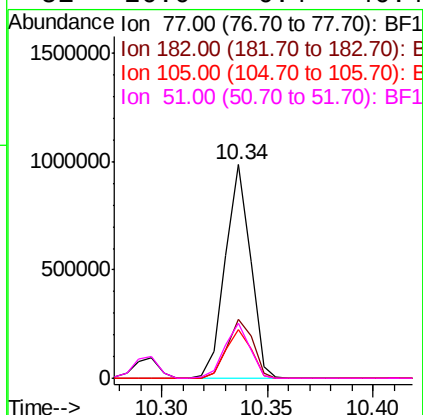
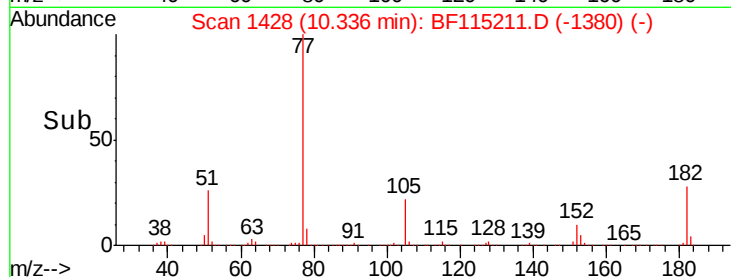
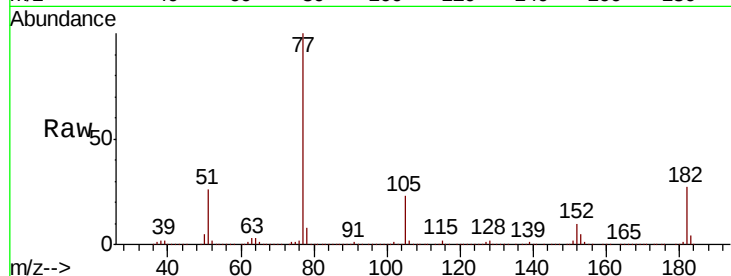




#63
Azobenzene
Concen: 20.912 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

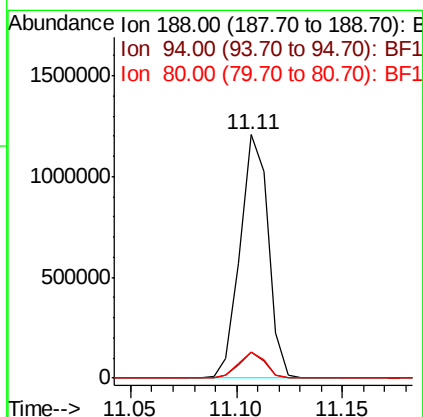
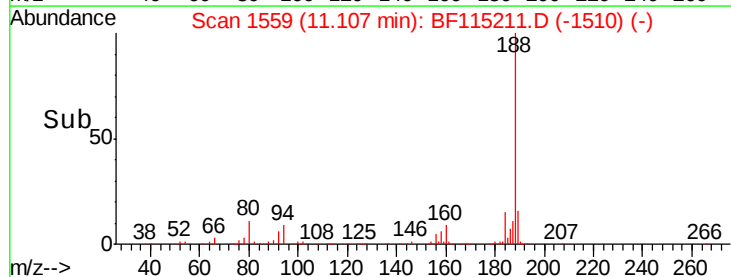
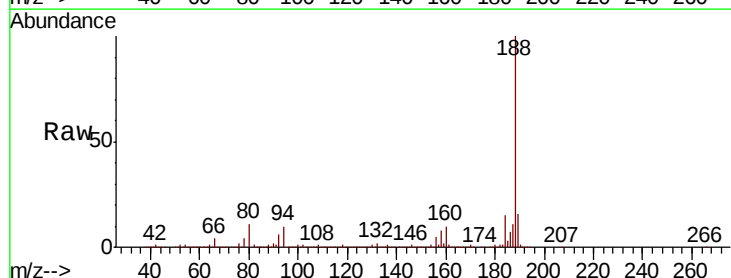
Instrument :
BNA_F
ClientSampled :

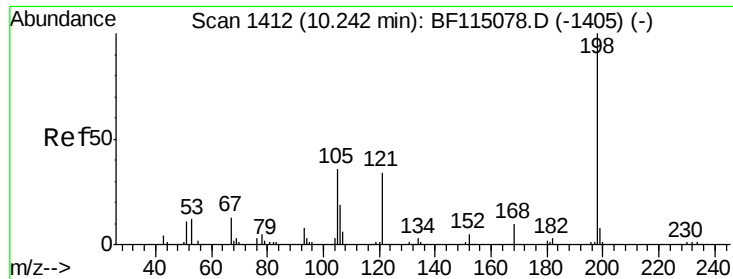
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	10.1	50.1	
105	23.0	4.5	44.5	
51	26.0	6.4	46.4	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	8.6	12.8	
80	10.9	8.8	13.2	

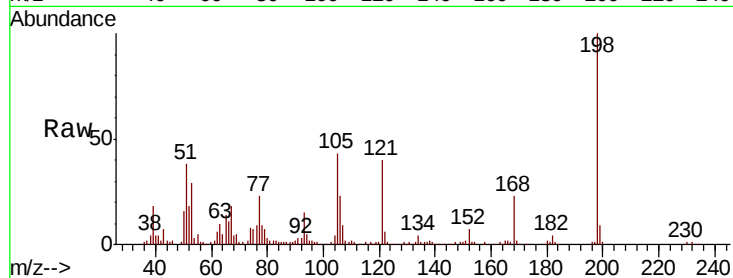




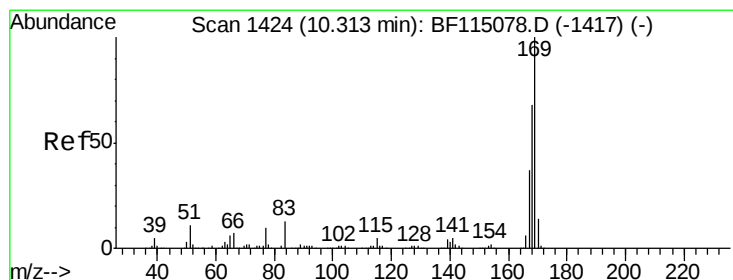
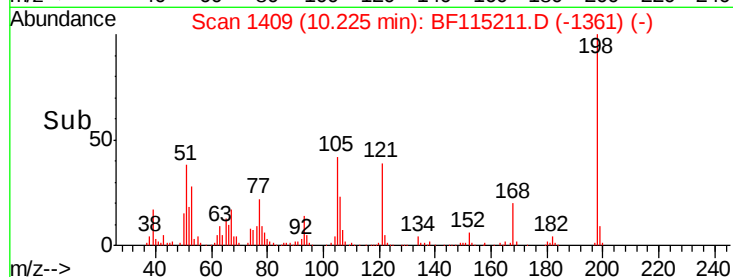
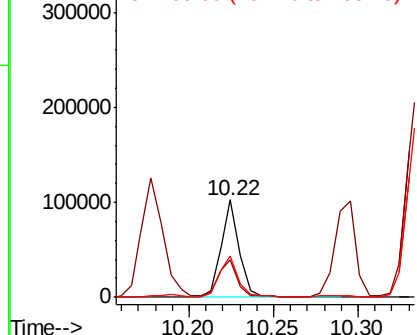
#65
4,6-Dinitro-2-methylphenol
Concen: 16.767 ng
RT: 10.22 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 78047
Ion Ratio Lower Upper
198 100
51 38.4 11.0 51.0
105 42.7 17.3 57.3

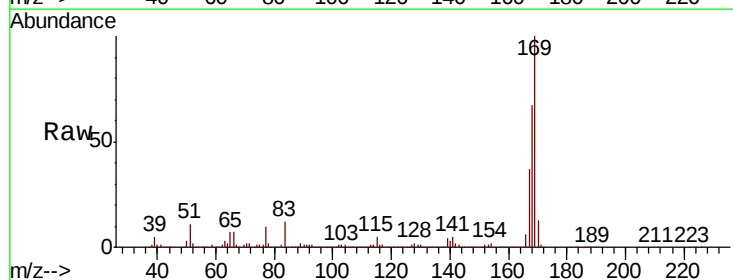


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

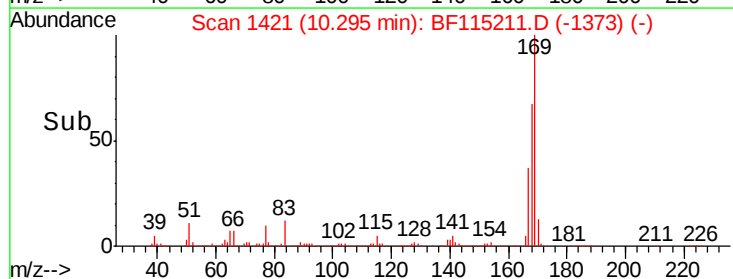
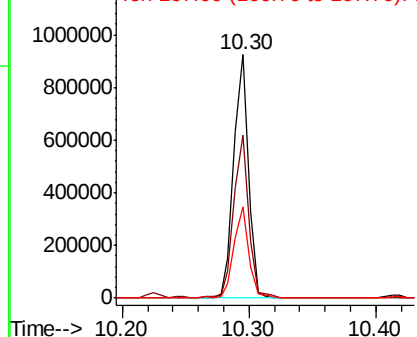


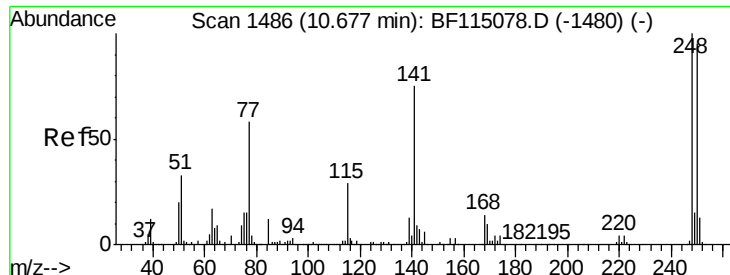
#66
n-Nitrosodiphenylamine
Concen: 21.246 ng
RT: 10.30 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:169 Resp: 737370
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 37.3 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

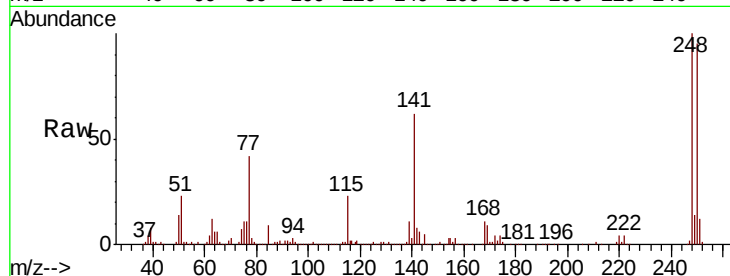




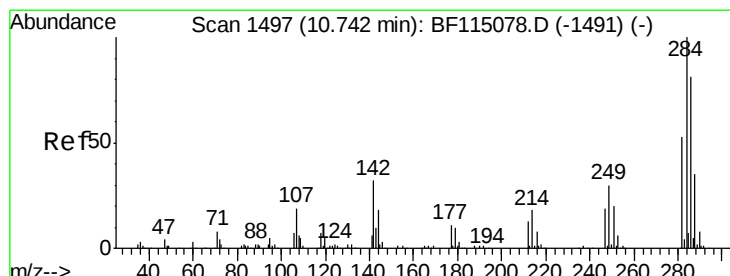
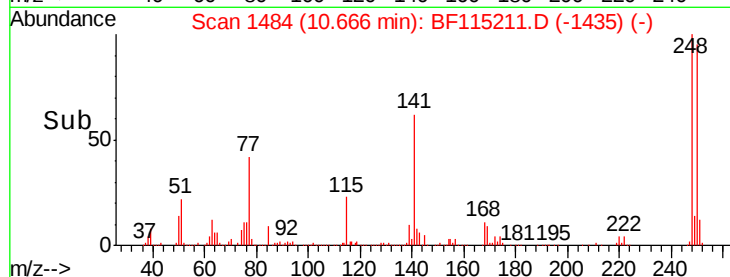
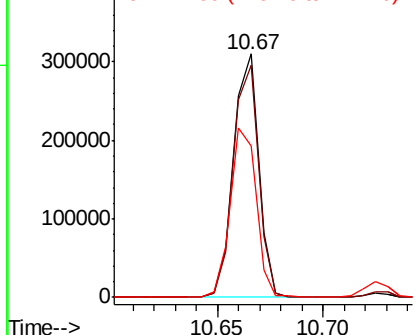
#67
 4-Bromophenyl-phenylether
 Concen: 21.088 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 254699
 Ion Ratio Lower Upper
 248 100
 250 95.1 76.2 114.2
 141 62.3 59.6 89.4

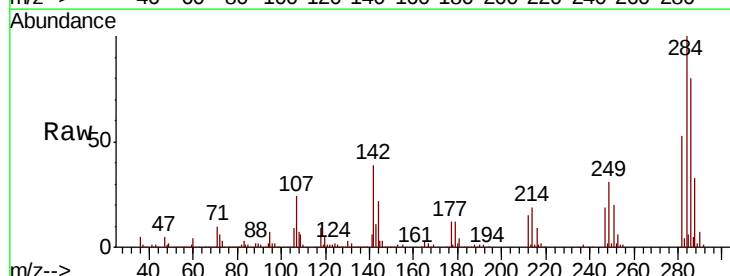


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

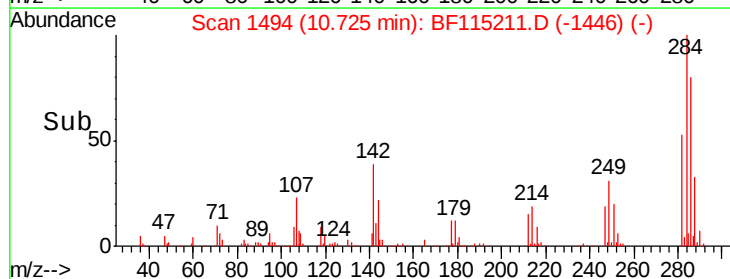
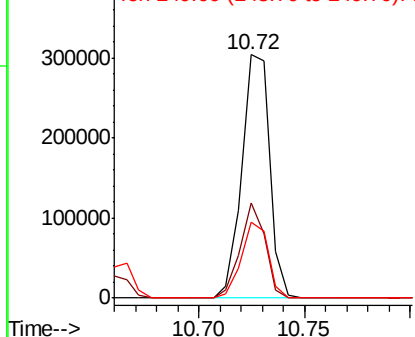


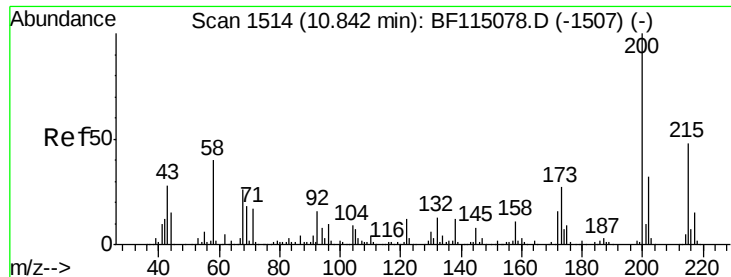
#68
 Hexachlorobenzene
 Concen: 21.203 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion:284 Resp: 277968
 Ion Ratio Lower Upper
 284 100
 142 39.2 25.8 38.8#
 249 31.4 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: 21.792 ng

RT: 10.82 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

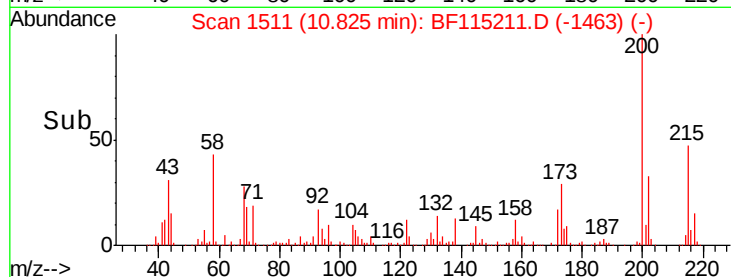
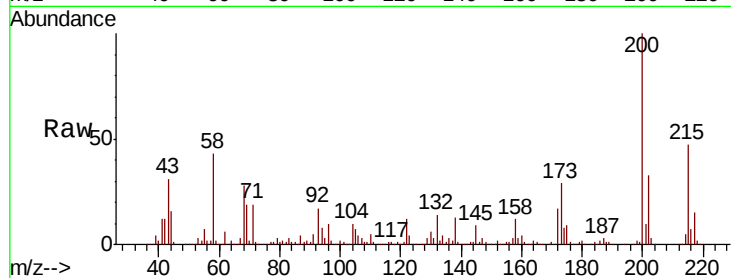
Tot Ion:200 Resp: 243285

Ion Ratio Lower Upper

200 100

173 28.6 7.4 47.4

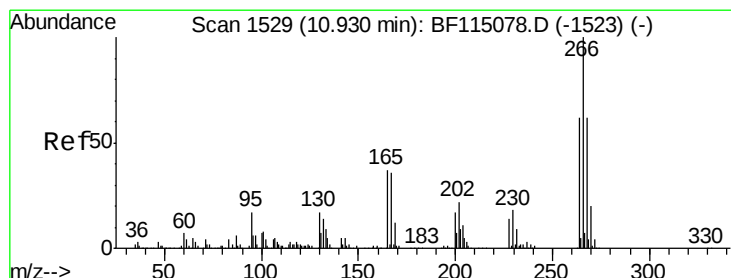
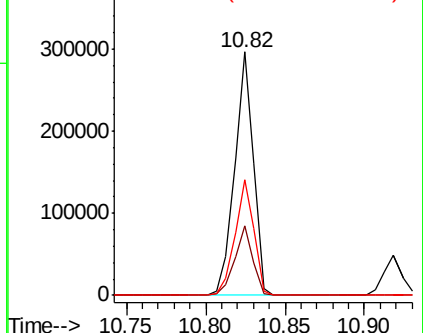
215 47.4 27.8 67.8



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: 29.238 ng

RT: 10.92 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

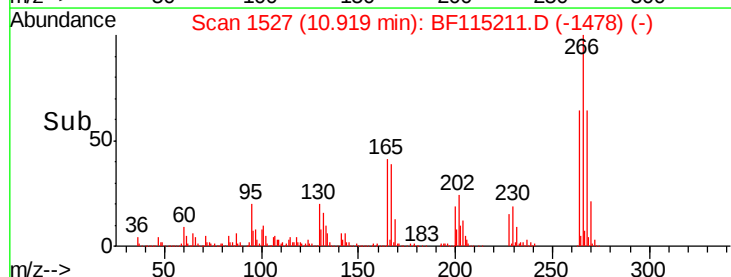
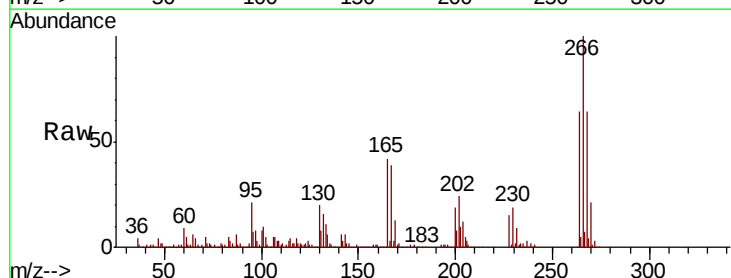
Tgt Ion:266 Resp: 244193

Ion Ratio Lower Upper

266 100

268 64.0 49.5 74.3

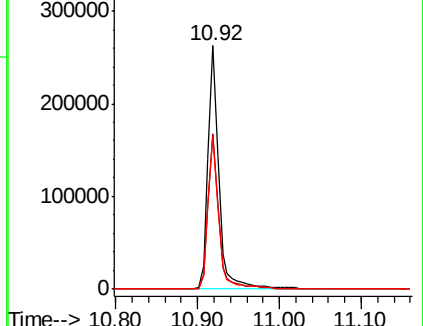
264 63.5 49.3 73.9

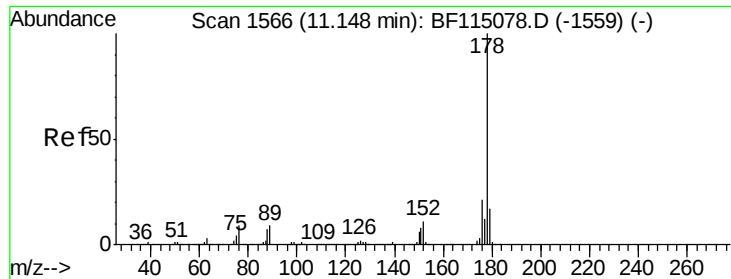


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 22.835 ng

RT: 11.13 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

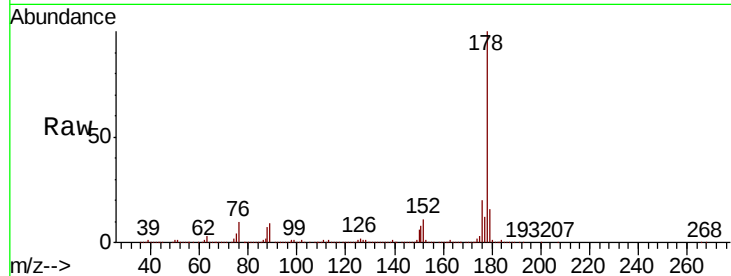
Tot Ion:178 Resp: 1369600

Ion Ratio Lower Upper

178 100

176 20.4 16.9 25.3

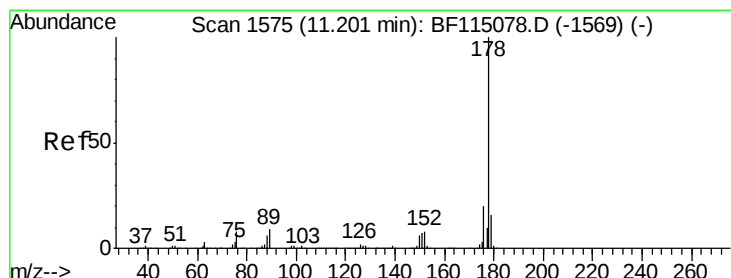
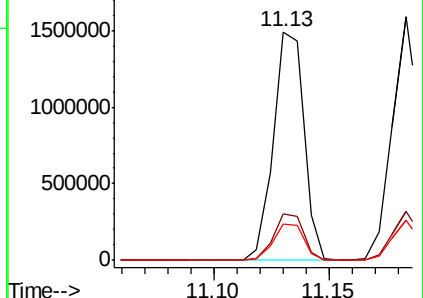
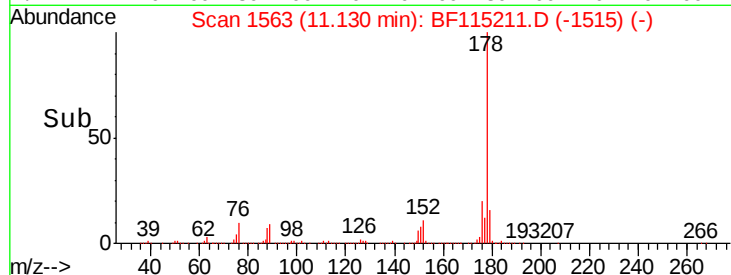
179 16.2 13.2 19.8



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: 21.833 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

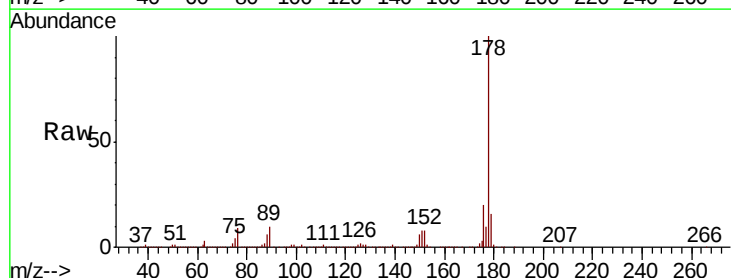
Tgt Ion:178 Resp: 1321842

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

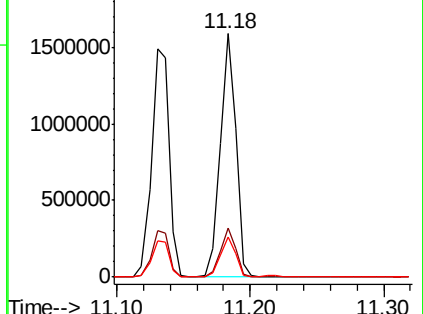
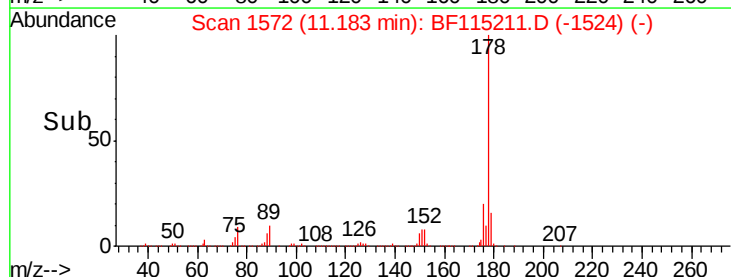
179 16.4 12.9 19.3

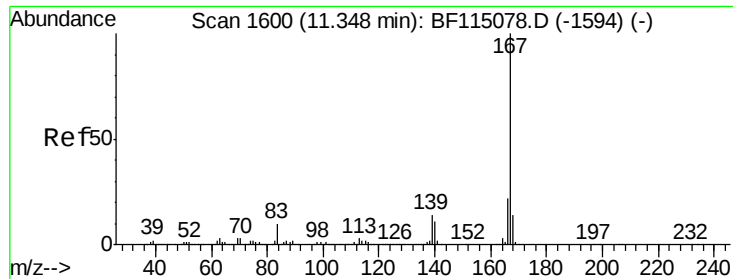


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

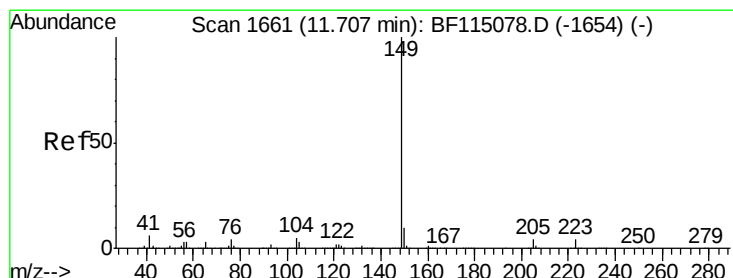
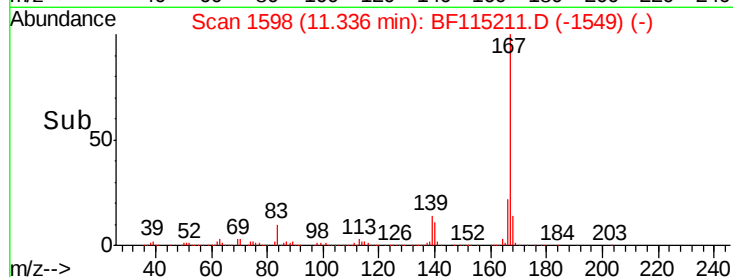
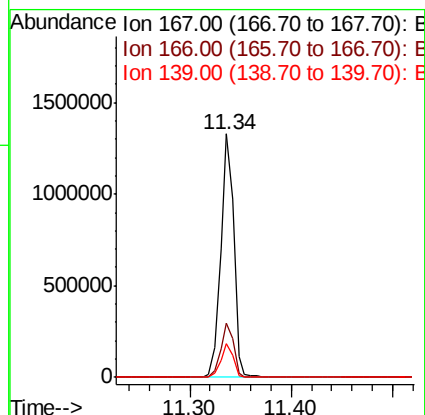
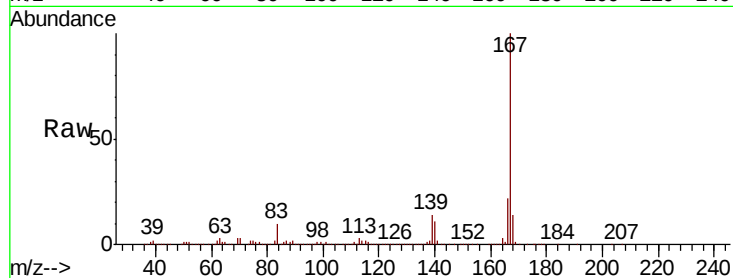




#73
 Carbazole
 Concen: 21.915 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

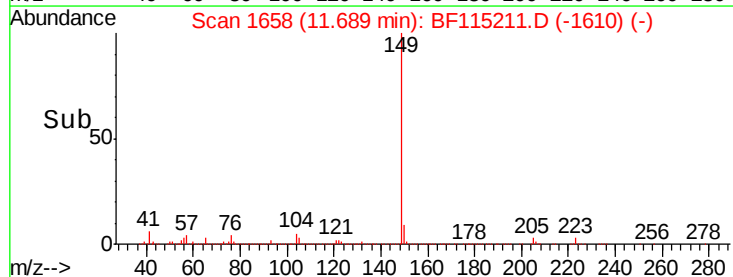
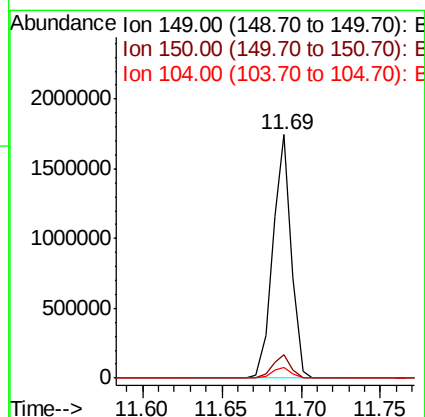
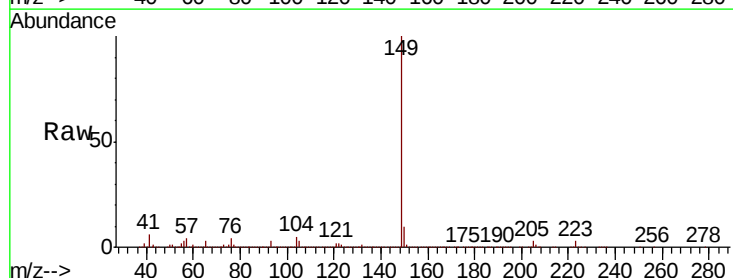
Instrument :
 BNA_F
 ClientSampleId :

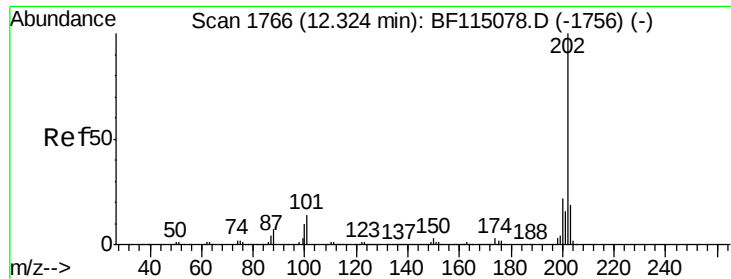
Tot Ion:167 Resp: 1184794
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 22.725 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion:149 Resp: 1419714
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.6 3.7 5.5

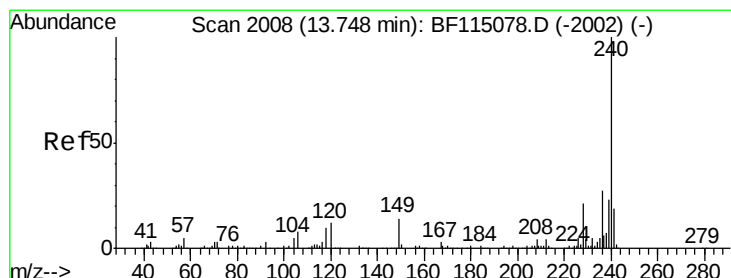
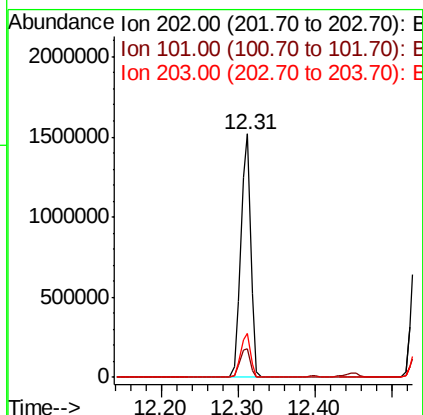
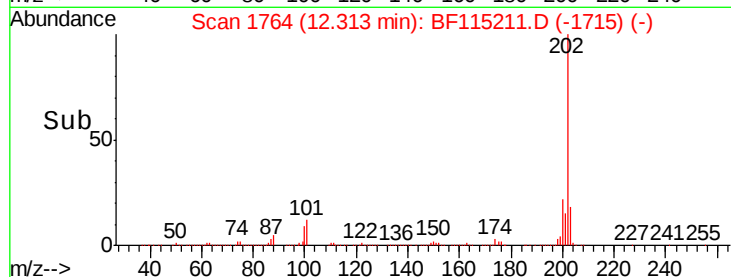
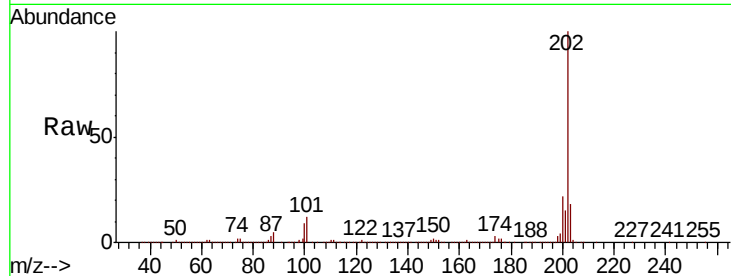




#75
 Fluoranthene
 Concen: 22.937 ng
 RT: 12.31 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

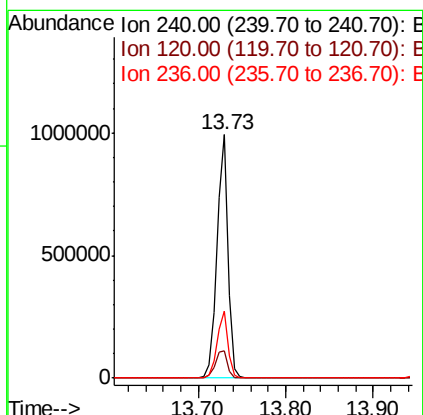
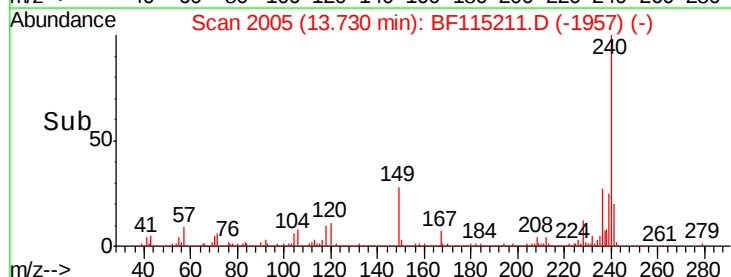
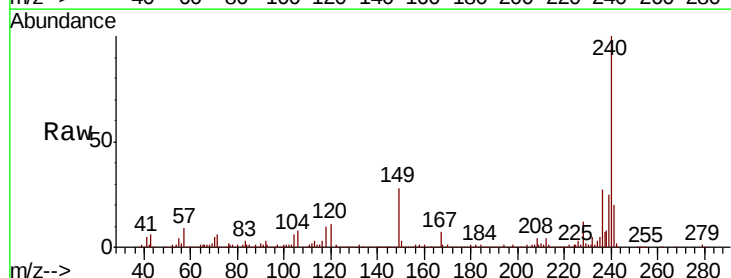
Instrument :
 BNA_F
 ClientSampleId :

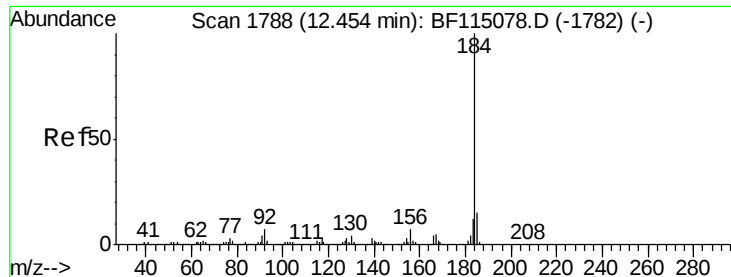
Tot Ion:202 Resp: 1372592
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 34.0
 203 18.0 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF115211.D
 Acq: 26 Jun 2019 9:47

Tgt Ion:240 Resp: 866275
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.4 14.2
 236 27.5 21.7 32.5





#77

Benzidine

Concen: 10.764 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampled :

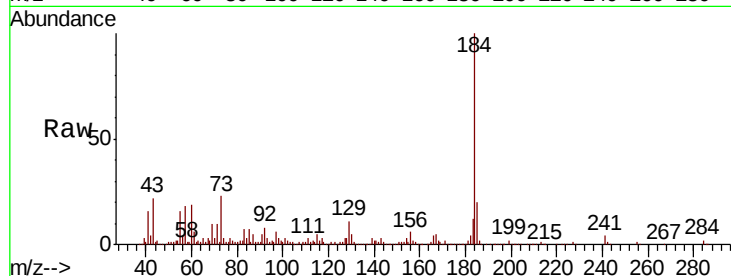
Tot Ion:184 Resp: 414057

Ion Ratio Lower Upper

184 100

185 19.7 12.2 18.2#

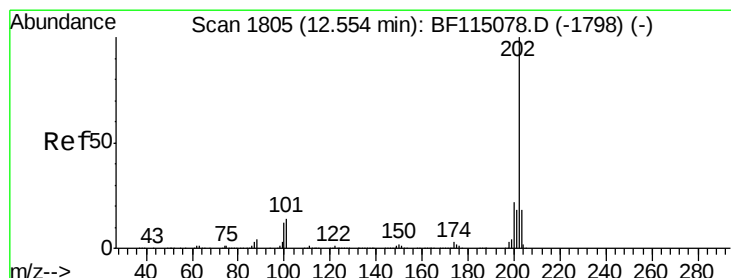
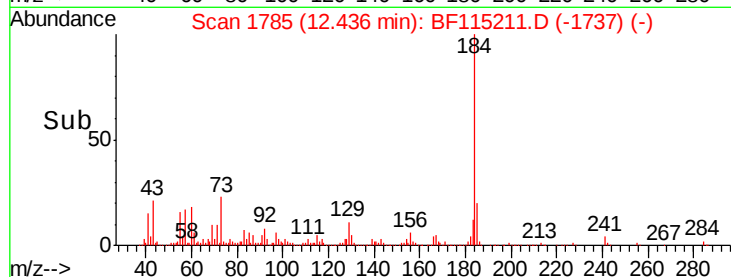
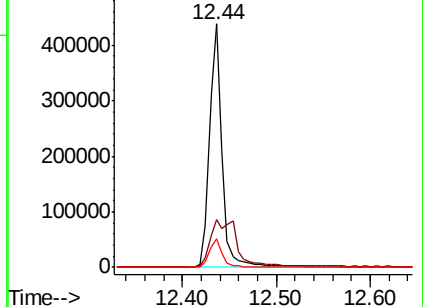
183 12.0 9.6 14.4



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: 20.855 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

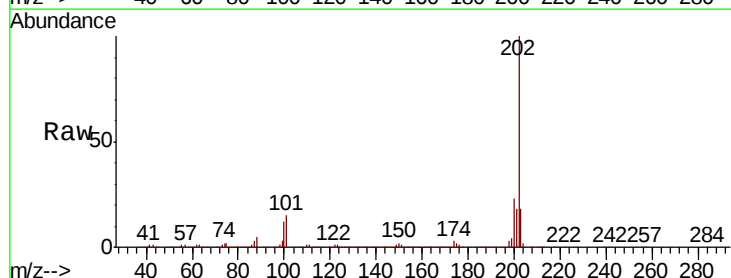
Tgt Ion:202 Resp: 1388371

Ion Ratio Lower Upper

202 100

200 22.5 17.9 26.9

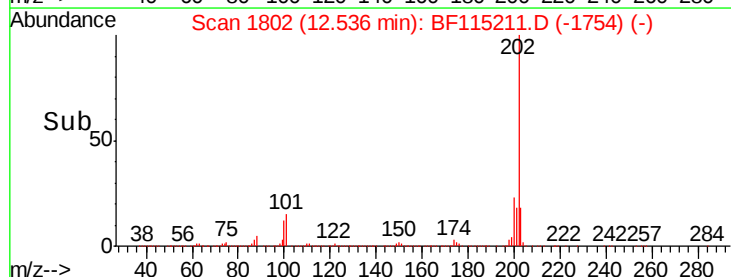
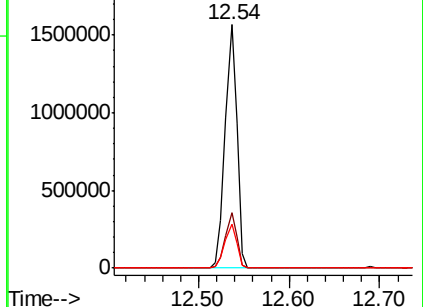
203 18.3 14.6 21.8

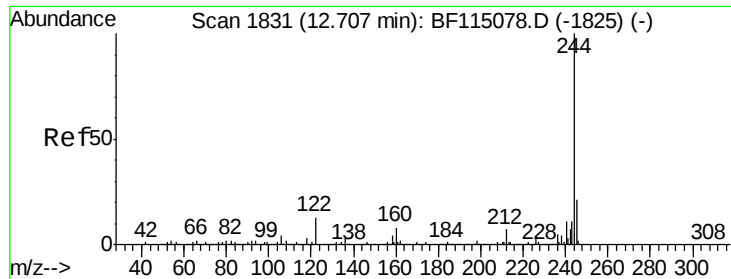


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.902 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

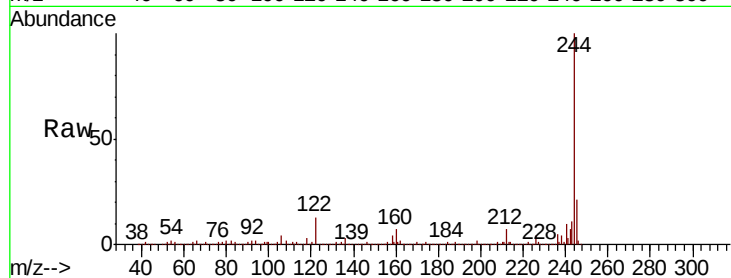
Tot Ion:244 Resp: 1951709

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

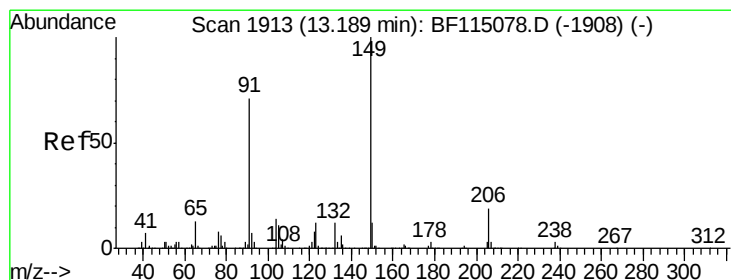
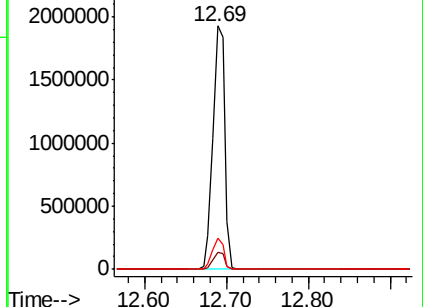
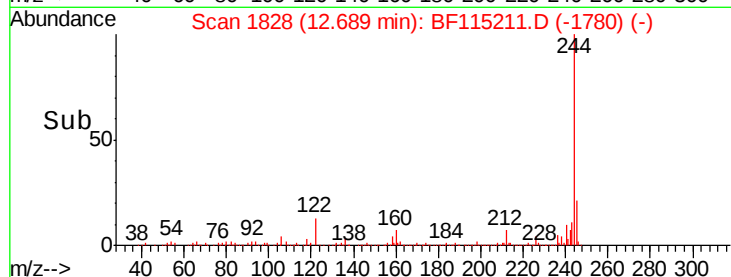
122 12.9 10.4 15.6



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: 21.804 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

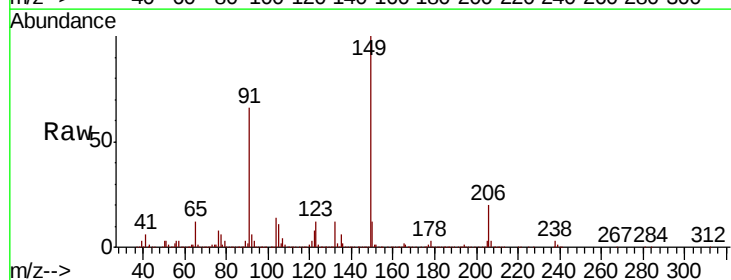
Tgt Ion:149 Resp: 640603

Ion Ratio Lower Upper

149 100

91 65.9 56.5 84.7

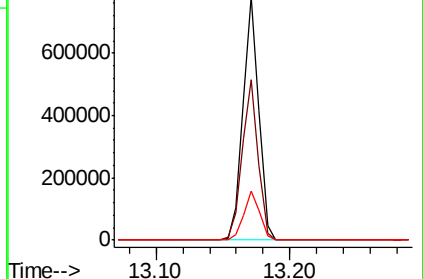
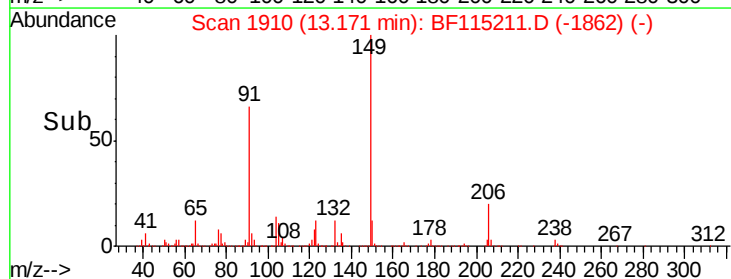
206 20.3 15.3 22.9

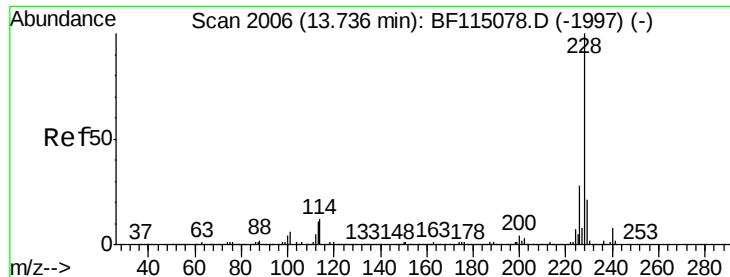


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 19.902 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

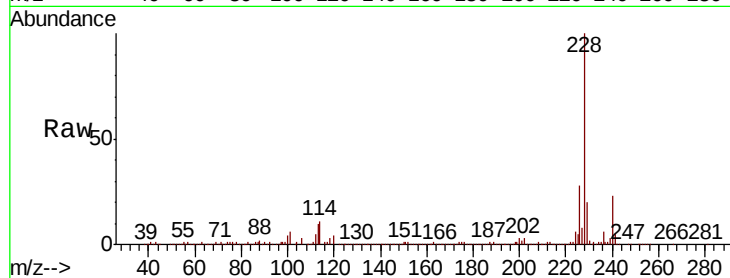
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1237044

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.3	16.6	24.8

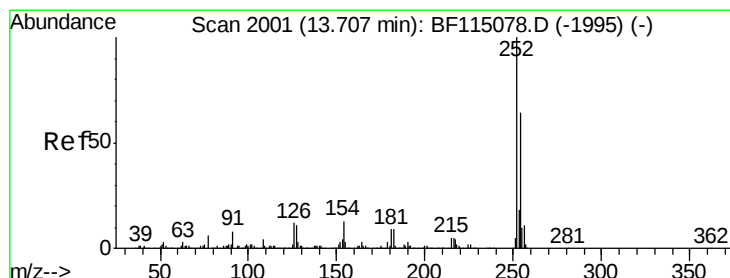
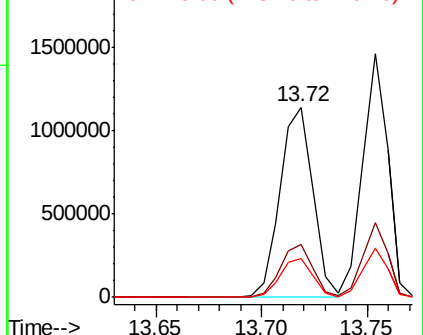
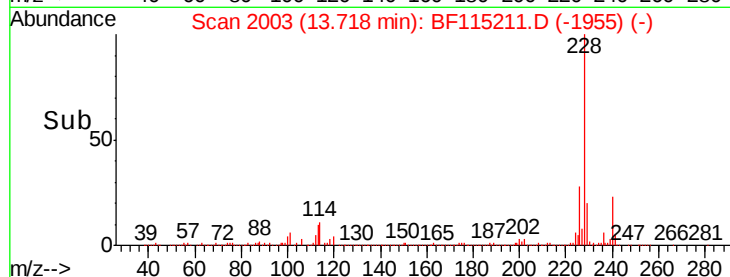


Abundance

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: 11.448 ng

RT: 13.68 min Scan# 1997

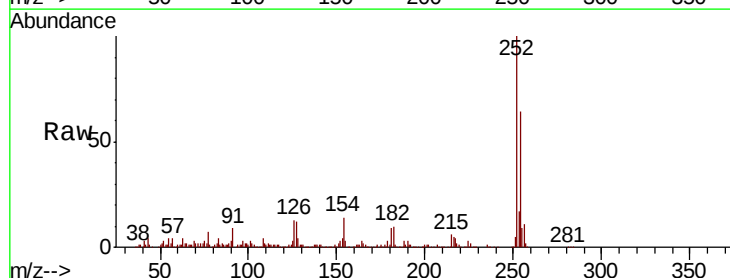
Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Tgt Ion:252 Resp: 256956

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.1	76.7
126	13.1	9.4	14.0

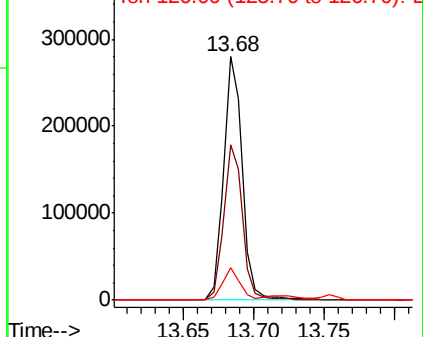
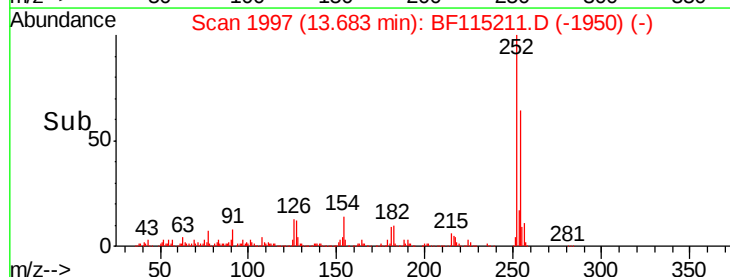


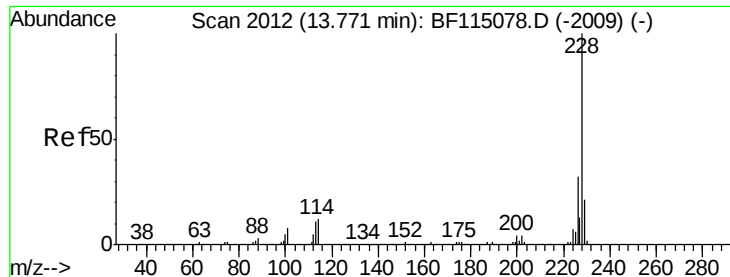
Abundance

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: 21.442 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

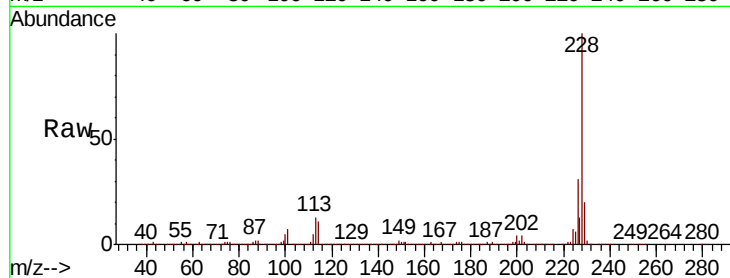
Tot Ion:228 Resp: 1220879

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.0

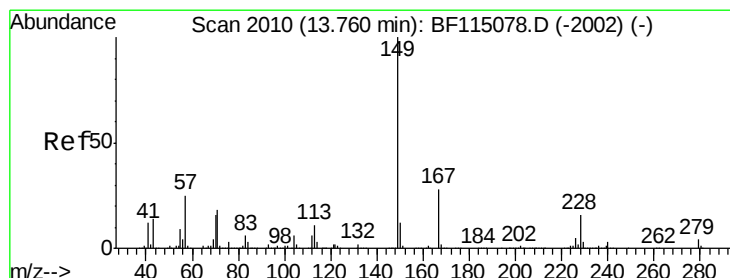
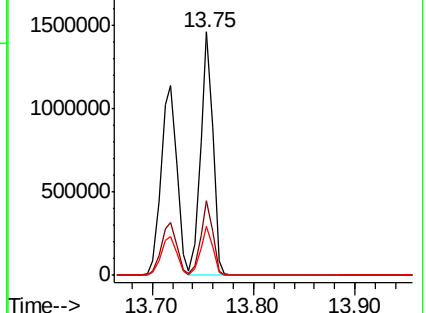
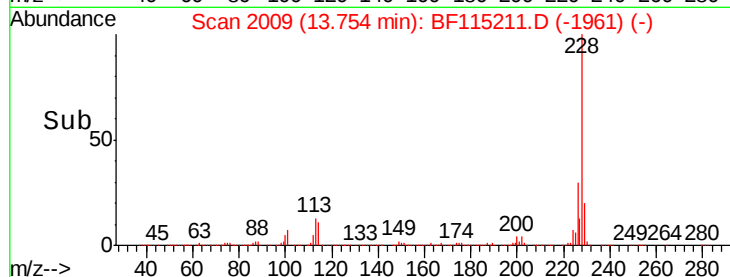
229 20.4 16.5 24.7



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: 22.732 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

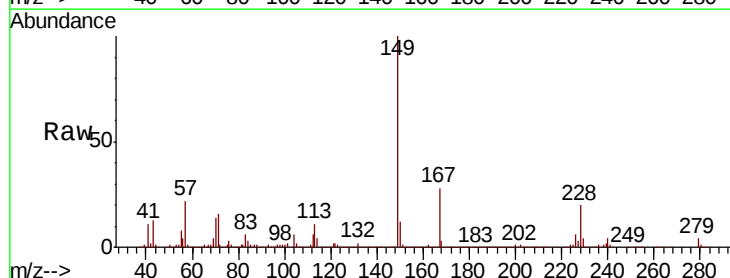
Tgt Ion:149 Resp: 875100

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

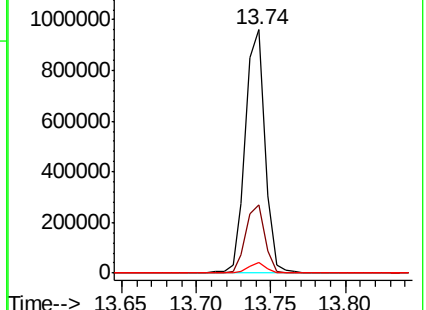
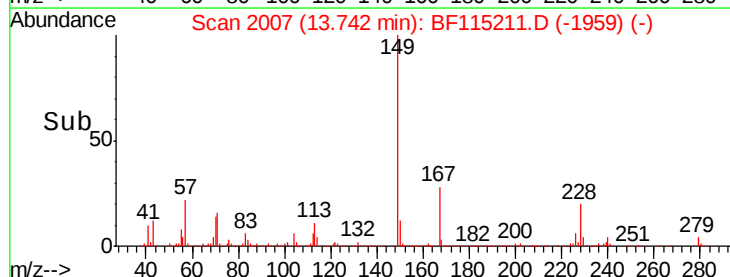
279 4.3 2.9 4.3

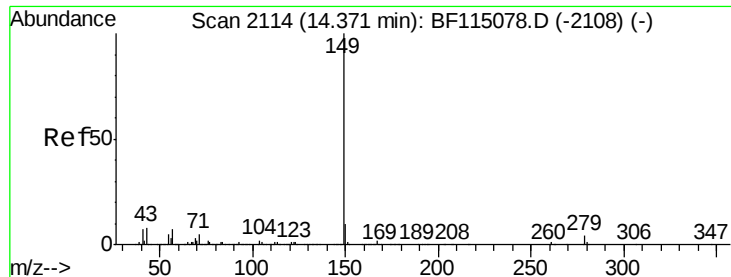


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 22.593 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampleId :

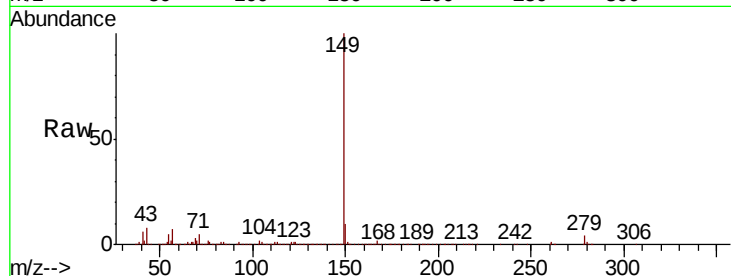
Tot Ion:149 Resp: 1461328

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

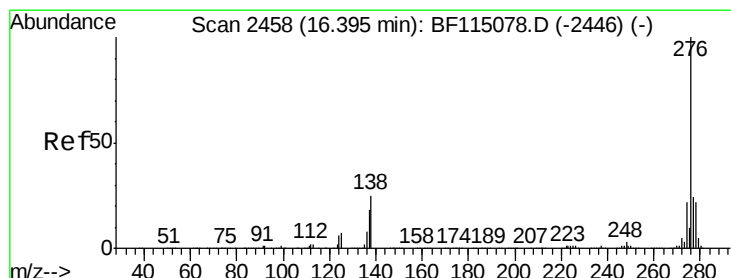
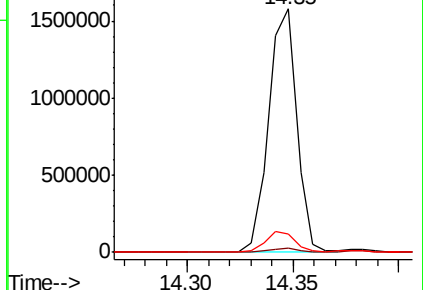
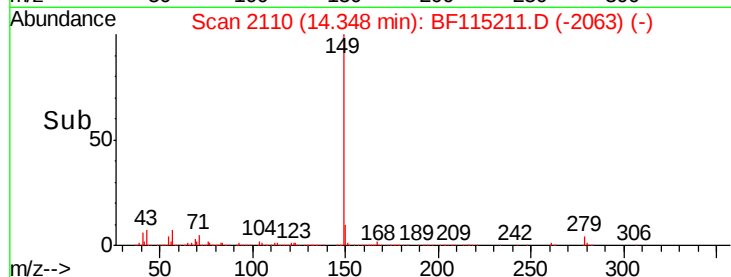
43 8.4 7.0 10.6



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: 17.359 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

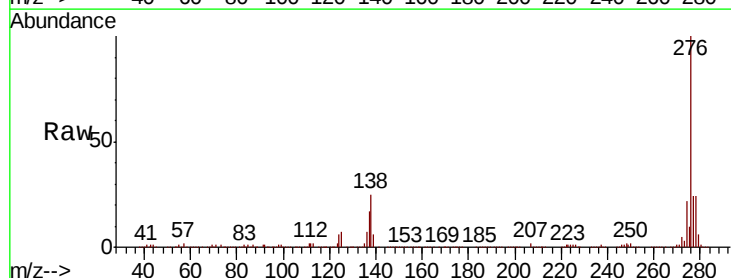
Tgt Ion:276 Resp: 1169578

Ion Ratio Lower Upper

276 100

138 27.7 23.2 34.8

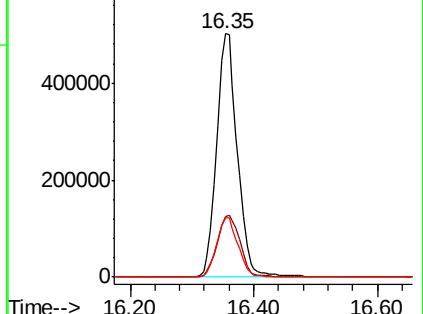
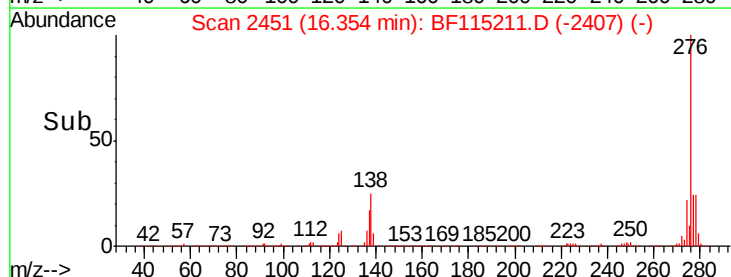
277 25.2 20.1 30.1

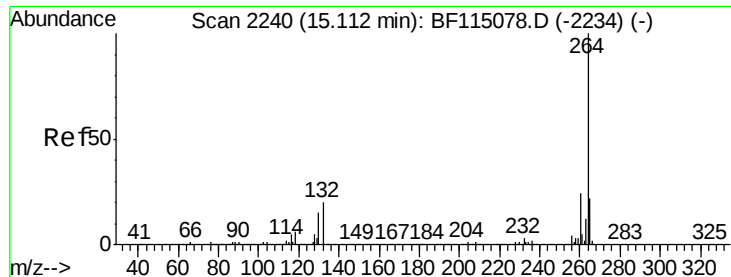


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

Instrument :

BNA_F

ClientSampled :

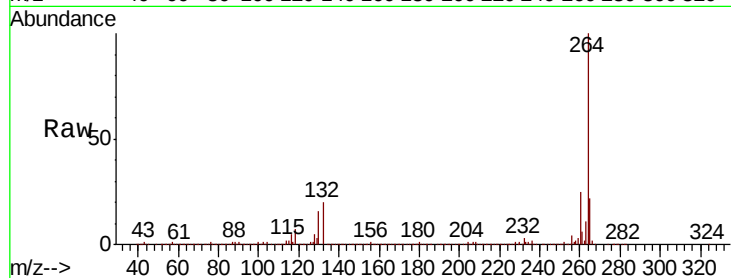
Tot Ion:264 Resp: 861040

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

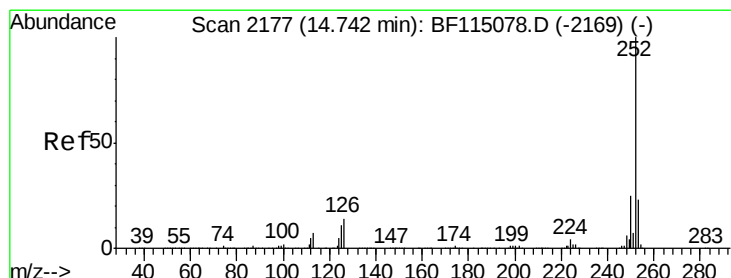
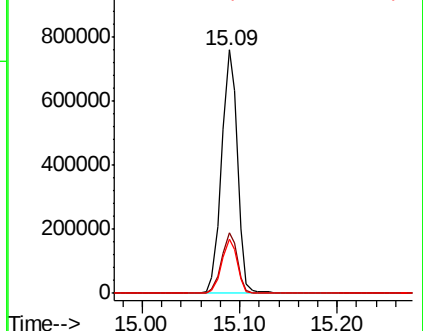
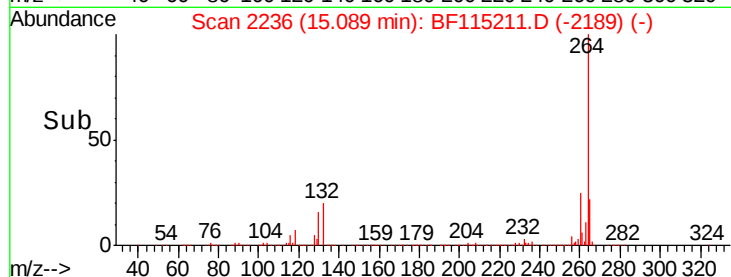
265 22.3 17.3 25.9



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: 23.205 ng

RT: 14.72 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BF115211.D

Acq: 26 Jun 2019 9:47

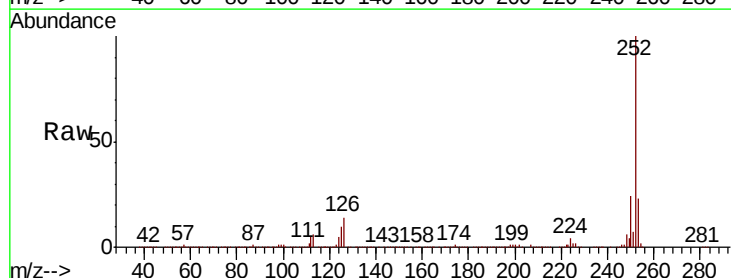
Tgt Ion:252 Resp: 1246720

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

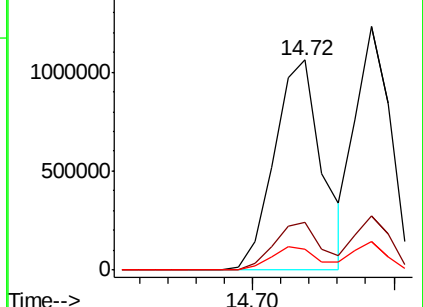
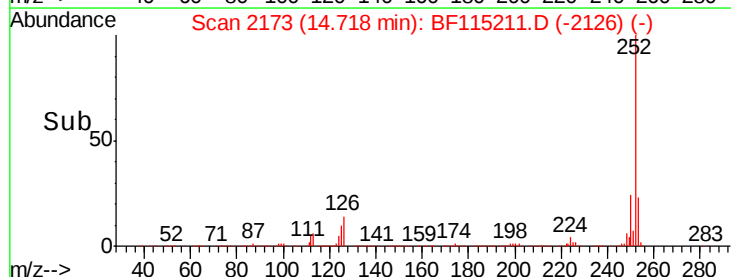
125 10.2 8.7 13.1

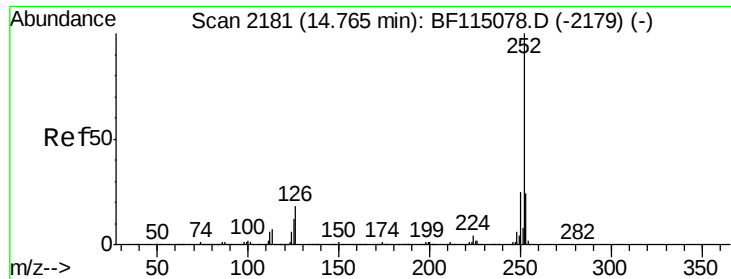


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

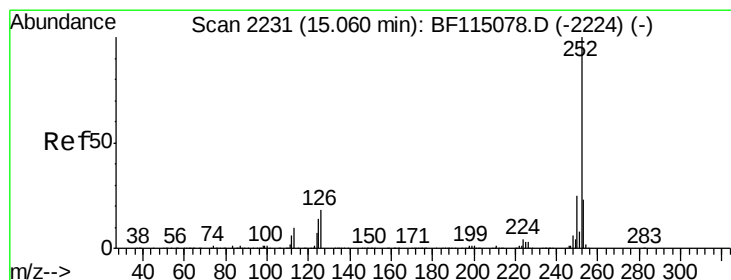
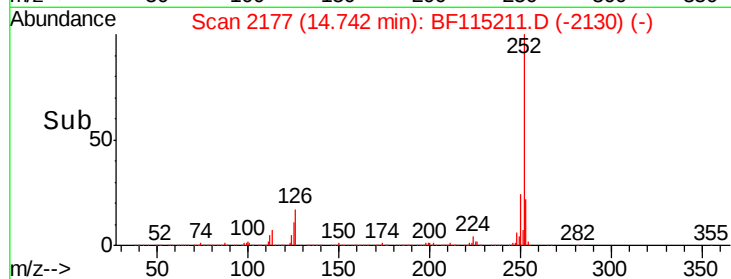
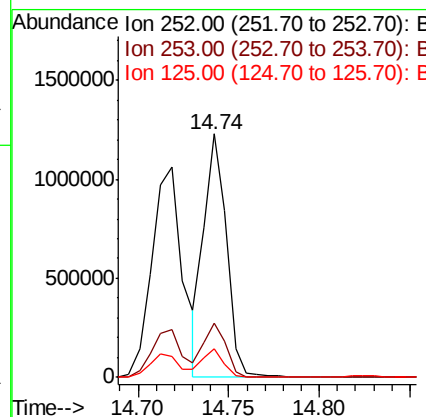
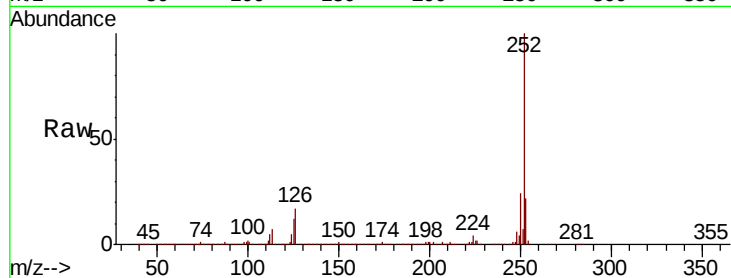




#89
Benzo(k)fluoranthene
Concen: 22.139 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

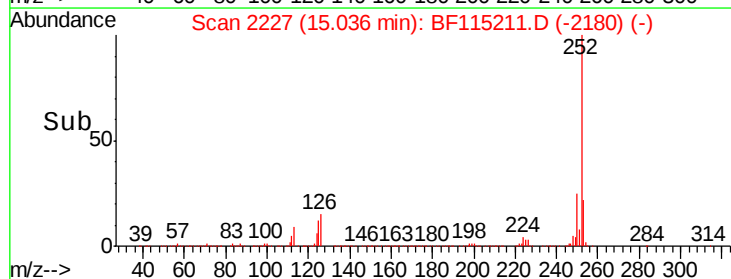
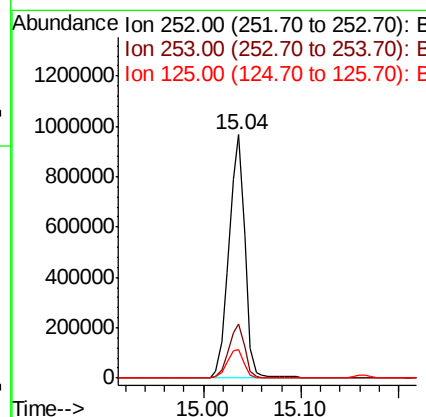
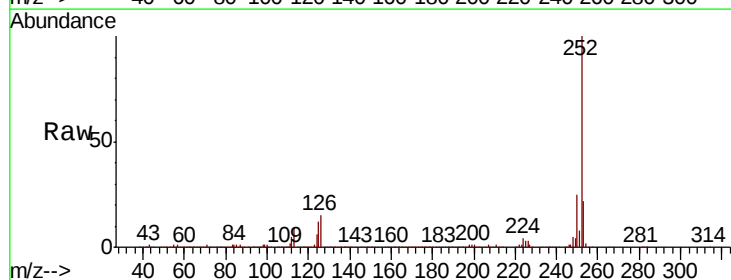
Instrument :
BNA_F
ClientSampleId :

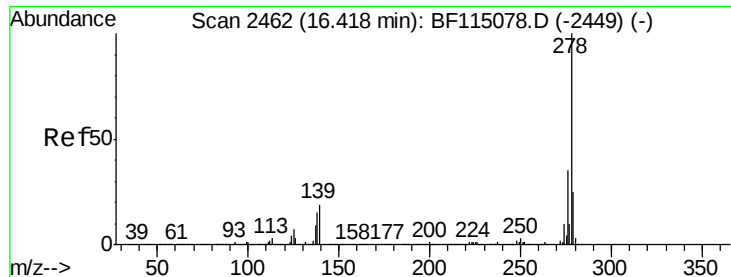
Tot Ion:252 Resp: 1066702
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 11.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 22.678 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:252 Resp: 1098175
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 11.9 10.9 16.3



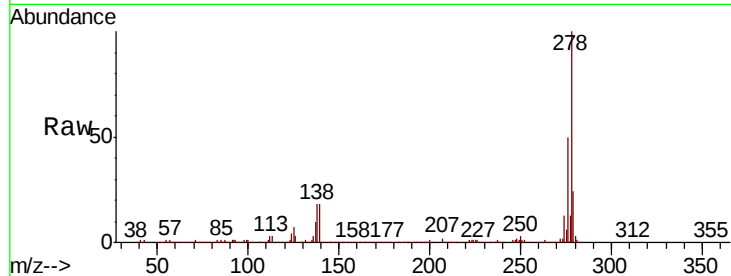


#91
Dibenzo(a,h)anthracene
Concen: 21.697 ng
RT: 16.37 min Scan# 2454
Delta R.T. -0.05 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

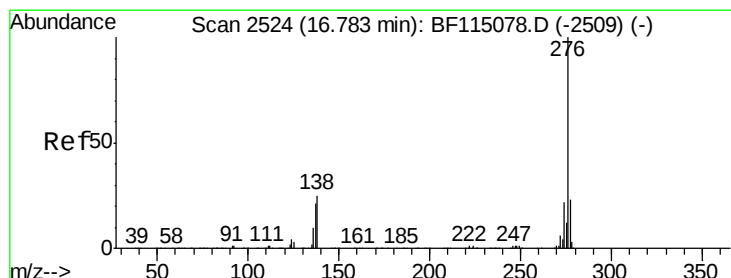
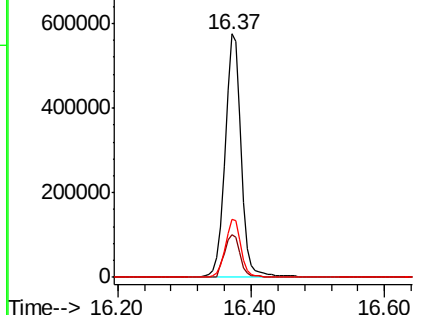
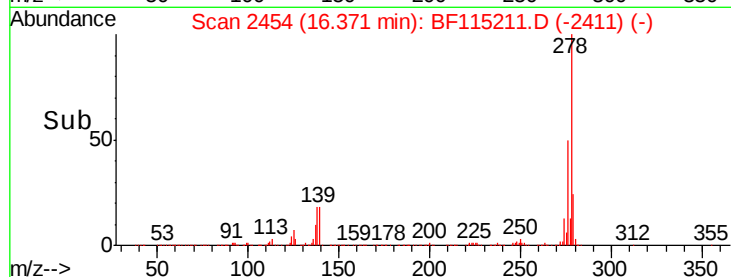
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 980883

Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.4	23.2
279	23.8	19.9	29.9



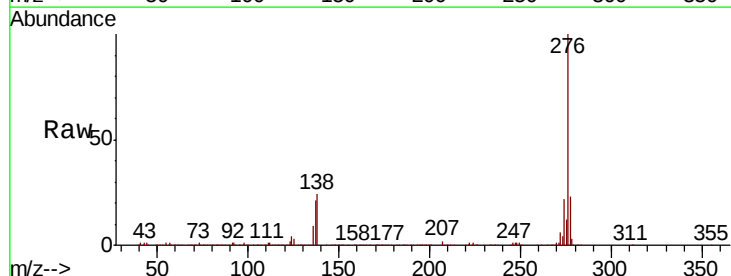
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.946 ng
RT: 16.73 min Scan# 2515
Delta R.T. -0.05 min
Lab File: BF115211.D
Acq: 26 Jun 2019 9:47

Tgt Ion:276 Resp: 958363

Ion	Ratio	Lower	Upper
276	100		
277	23.2	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

