

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115097.D
 Acq On : 22 Jun 2019 00:04
 Operator : HP/JU
 Sample : PB120612BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:57:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	240579	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	954401	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	476697	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	919138	20.00	ng	0.00
76) Chrysene-d12	13.74	240	669873	20.00	ng	0.00
87) Perylene-d12	15.11	264	777870	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1706656	109.47	ng	0.02
7) Phenol-d6	6.26	99	2082505	110.06	ng	0.00
23) Nitrobenzene-d5	7.18	82	1283303	82.71	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	598888	119.14	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2470027	88.01	ng	0.00
79) Terphenyl-d14	12.71	244	2578086	81.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	294179	39.983	ng	99
3) Pyridine	2.94	79	809138	39.018	ng	100
4) n-Nitrosodimethylamine	2.89	42	327207	40.249	ng	98
6) Aniline	6.27	93	708023	27.225	ng	# 7
8) 2-Chlorophenol	6.40	128	745055	42.502	ng	99
9) Benzaldehyde	6.15	77	112792	9.137	ng	96
10) Phenol	6.27	94	873102	39.391	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	679916	41.614	ng	99
12) 1,3-Dichlorobenzene	6.55	146	797955	41.015	ng	99
13) 1,4-Dichlorobenzene	6.63	146	806516	41.341	ng	99
14) 1,2-Dichlorobenzene	6.78	146	750026	41.514	ng	98
15) Benzyl Alcohol	6.76	79	564945	41.001	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	985917	41.604	ng	100
17) 2-Methylphenol	6.88	107	614789	42.488	ng	98
18) Hexachloroethane	7.13	117	291487	41.444	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	484501	39.994	ng	99
20) 3+4-Methylphenols	7.03	107	709906	42.489	ng	95
22) Acetophenone	7.02	105	984630	45.064	ng	# 99
24) Nitrobenzene	7.20	77	746813	43.693	ng	100
25) Isophorone	7.44	82	1394336	43.871	ng	100
26) 2-Nitrophenol	7.51	139	398536	47.215	ng	97
27) 2,4-Dimethylphenol	7.56	122	688457	49.815	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	873040	43.461	ng	98
29) 2,4-Dichlorophenol	7.75	162	644523	45.190	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	697791	44.293	ng	99
31) Naphthalene	7.92	128	2102980	44.888	ng	100
32) Benzoic acid	7.70	122	505106	51.201	ng	99
33) 4-Chloroaniline	7.97	127	497822	23.251	ng	99
34) Hexachlorobutadiene	8.05	225	374440	43.372	ng	98
35) Caprolactam	8.34	113	111382	23.228	ng	92
36) 4-Chloro-3-methylphenol	8.46	107	642869	44.508	ng	94
37) 2-Methylnaphthalene	8.61	142	1446059	45.778	ng	98
38) 1-Methylnaphthalene	8.71	142	1381333	45.787	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	581372	43.158	ng	99

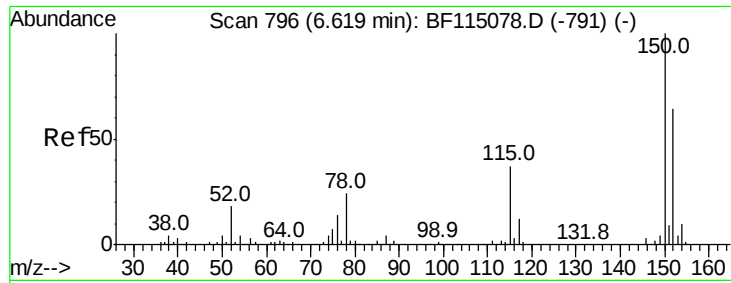
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115097.D
 Acq On : 22 Jun 2019 00:04
 Operator : HP/JU
 Sample : PB120612BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:57:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	751186	94.044	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	462033	44.427	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	483057	45.104	ng	100
46) 1,1'-Biphenyl	9.08	154	1671591	43.825	ng	99
47) 2-Chloronaphthalene	9.10	162	1335870	43.177	ng	98
48) 2-Nitroaniline	9.19	65	386318	42.828	ng	93
49) Acenaphthylene	9.51	152	2115152	43.878	ng	99
50) Dimethylphthalate	9.38	163	1518061	43.285	ng	100
51) 2,6-Dinitrotoluene	9.44	165	366874	45.310	ng	91
52) Acenaphthene	9.68	154	1281105	42.471	ng	99
53) 3-Nitroaniline	9.60	138	268244	27.148	ng	100
54) 2,4-Dinitrophenol	9.70	184	381487	90.501	ng	93
55) Dibenzofuran	9.85	168	1826906	42.198	ng	99
56) 4-Nitrophenol	9.77	139	653639	82.514	ng	95
57) 2,4-Dinitrotoluene	9.84	165	481214	46.028	ng	97
58) Fluorene	10.20	166	1274018	44.062	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	418195	46.568	ng	100
60) Diethylphthalate	10.08	149	1543777	43.790	ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	612138	44.633	ng	98
62) 4-Nitroaniline	10.21	138	406859	41.045	ng	99
63) Azobenzene	10.35	77	1444155	43.857	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	224715	46.160	ng	80
66) n-Nitrosodiphenylamine	10.31	169	1290752	45.075	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	441502	44.304	ng	96
68) Hexachlorobenzene	10.74	284	470712	43.517	ng	94
69) Atrazine	10.84	200	405309	44.000	ng	99
70) Pentachlorophenol	10.93	266	566432	82.198	ng	98
71) Phenanthrene	11.14	178	2083461	42.101	ng	100
72) Anthracene	11.20	178	2153637	43.112	ng	98
73) Carbazole	11.35	167	1930570	43.279	ng	99
74) Di-n-butylphthalate	11.70	149	2287088	44.369	ng	99
75) Fluoranthene	12.32	202	2142649	43.395	ng	98
77) Benzidine	12.45	184	1000437	33.634	ng	100
78) Pyrene	12.55	202	2196681	42.670	ng	98
80) Butylbenzylphthalate	13.19	149	1033833	45.506	ng	94
81) Benzo(a)anthracene	13.73	228	2013425	41.889	ng	100
82) 3,3'-Dichlorobenzidine	13.70	252	536733	30.923	ng	97
83) Chrysene	13.77	228	1844526	41.893	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1349396	45.329	ng	100
85) Di-n-octyl phthalate	14.37	149	2338201	46.749	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2345732	45.024	ng	100
88) Benzo(b)fluoranthene	14.74	252	2174079	44.792	ng	99
89) Benzo(k)fluoranthene	14.77	252	1876295	43.106	ng	98
90) Benzo(a)pyrene	15.06	252	2021260	46.203	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1907137	46.697	ng	99
92) Benzo(g,h,i)perylene	16.78	276	1961544	47.454	ng	99

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

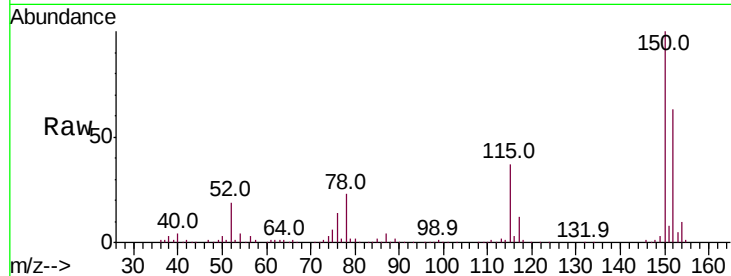


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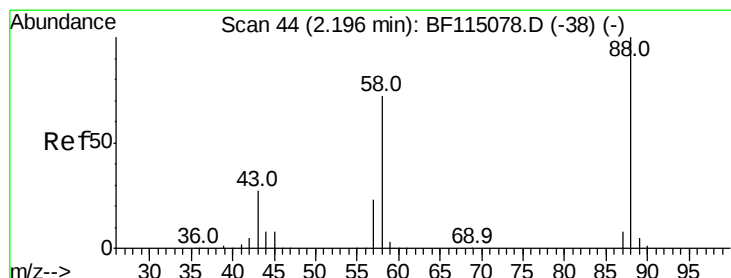
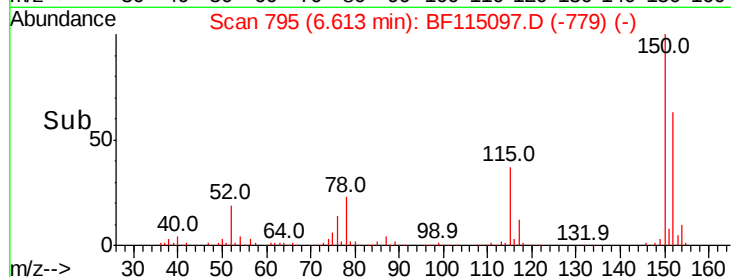
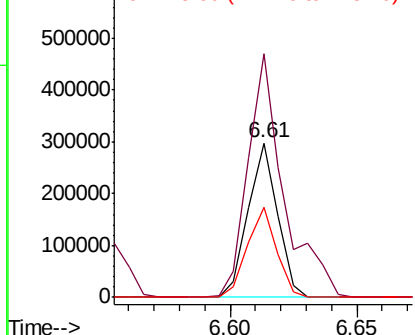
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 240579
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.2
115 58.6 46.1 69.1



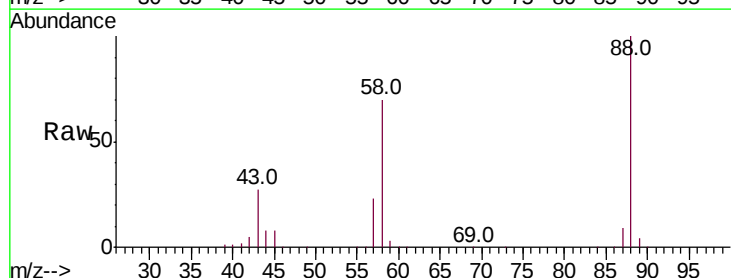
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



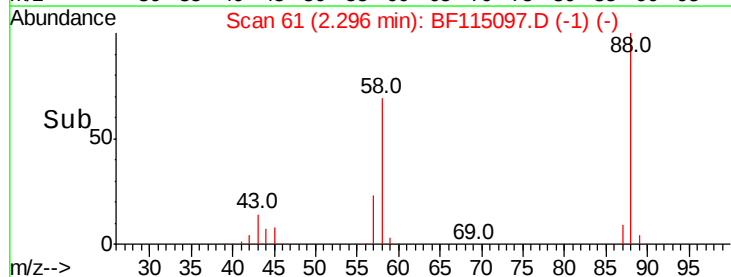
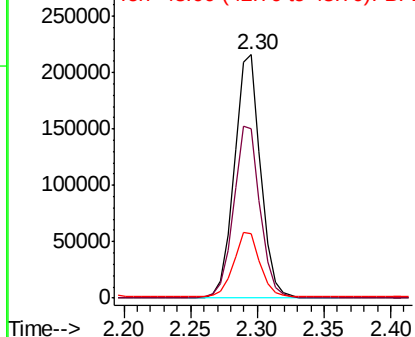
#2

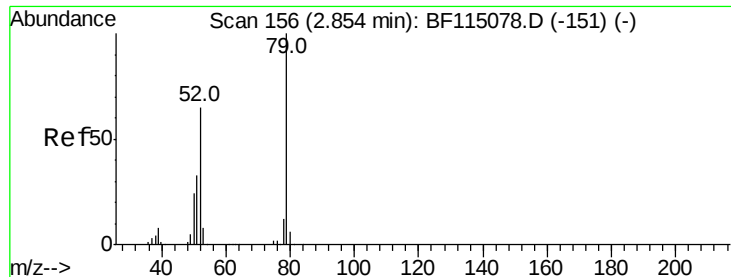
1,4-Dioxane
Concen: 39.983 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion: 88 Resp: 294179
Ion Ratio Lower Upper
88 100
58 70.7 56.1 84.1
43 26.7 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: 39.018 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampled :

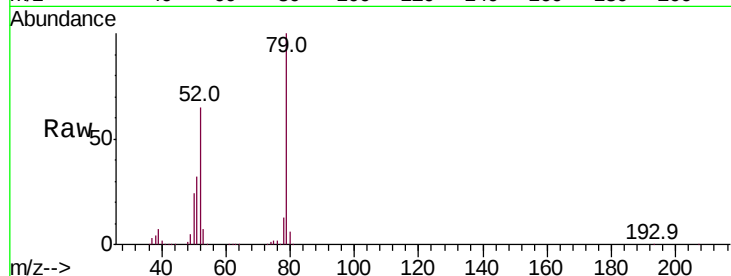
Tot Ion: 79 Resp: 809138

Ion Ratio Lower Upper

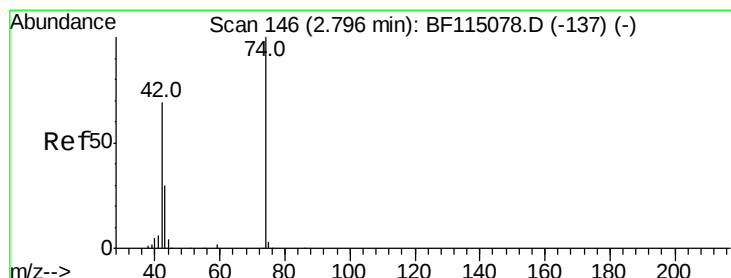
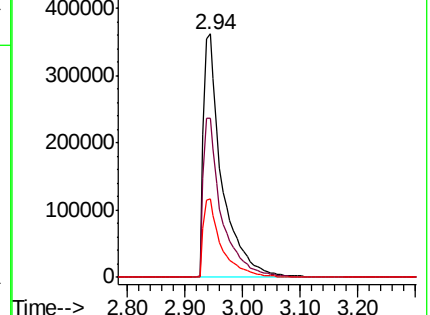
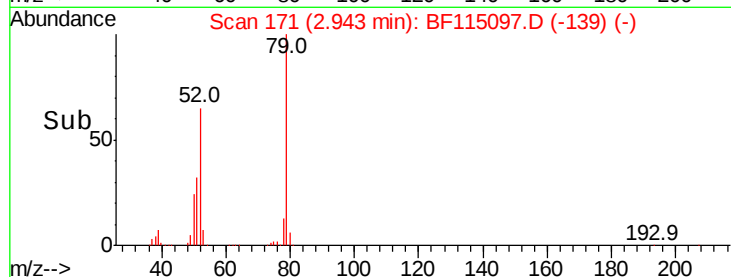
79 100

52 65.3 52.3 78.5

51 32.0 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: 40.249 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

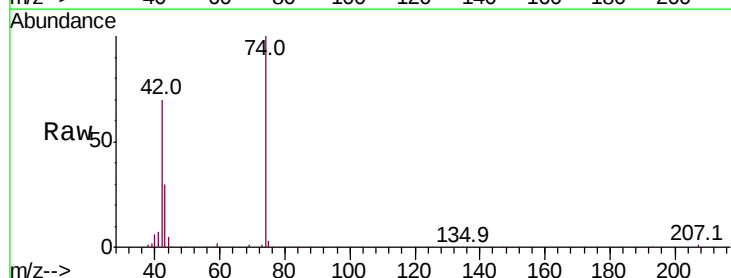
Tgt Ion: 42 Resp: 327207

Ion Ratio Lower Upper

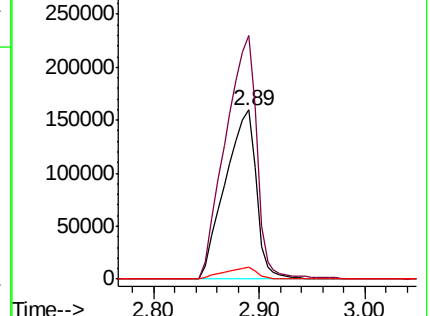
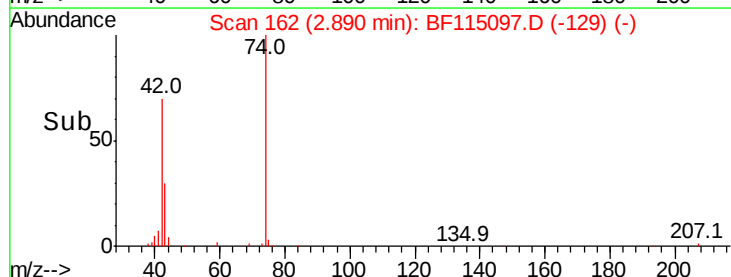
42 100

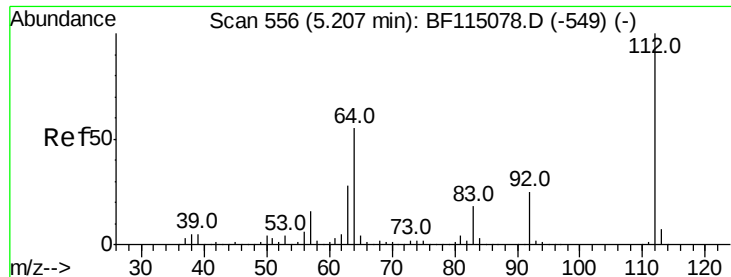
74 143.8 116.6 175.0

44 6.7 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: 109.472 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampled :

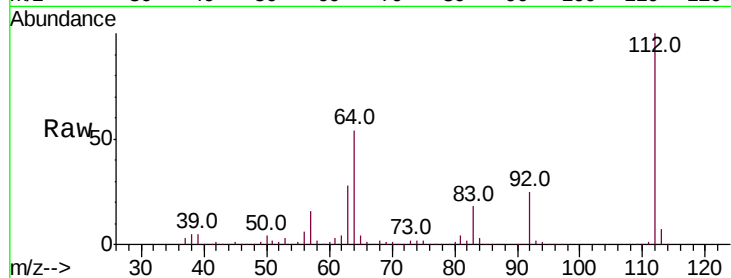
Tot Ion:112 Resp: 1706656

Ion Ratio Lower Upper

112 100

64 53.5 43.8 65.6

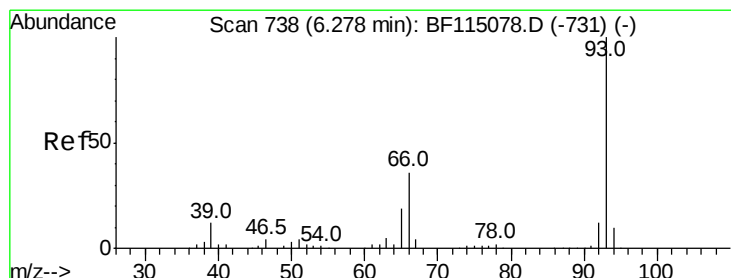
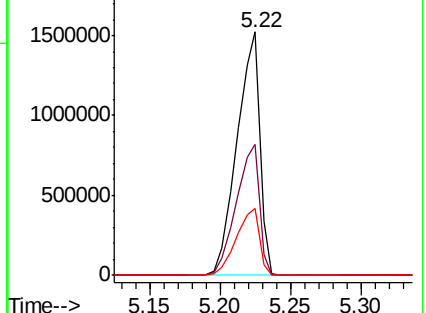
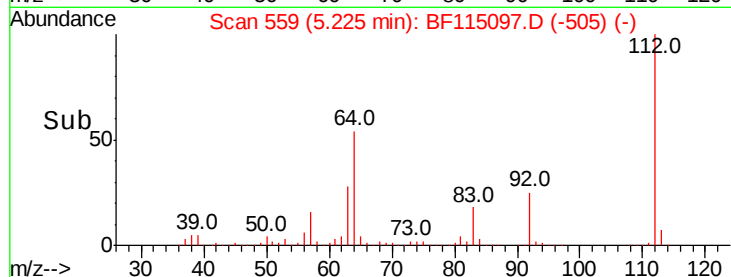
63 27.6 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.225 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

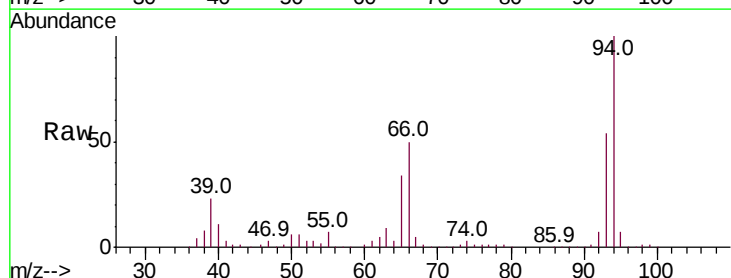
Tgt Ion: 93 Resp: 708023

Ion Ratio Lower Upper

93 100

66 91.9 30.0 45.0#

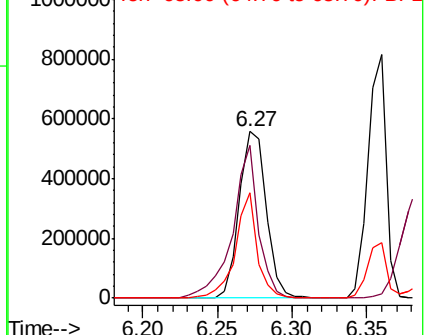
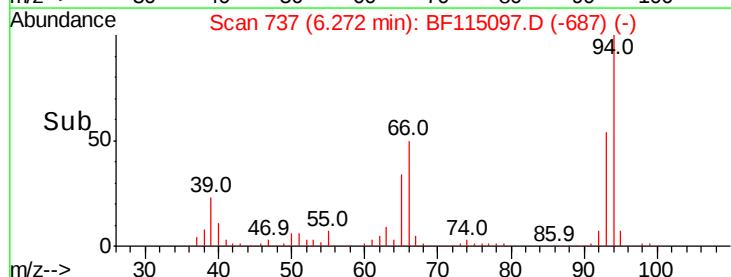
65 63.3 15.6 23.4#

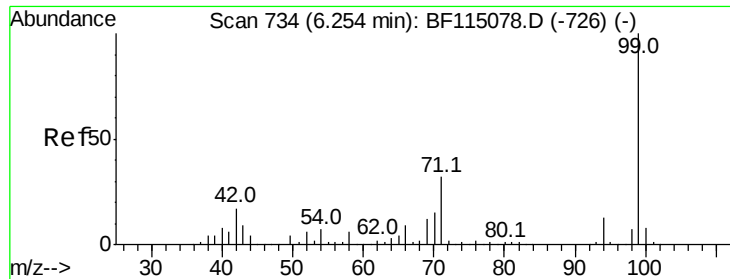


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.055 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

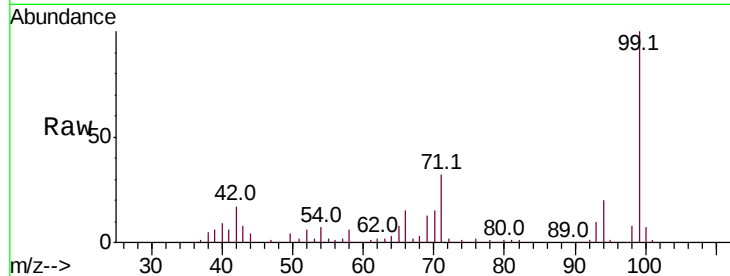
Tot Ion: 99 Resp: 2082505

Ion Ratio Lower Upper

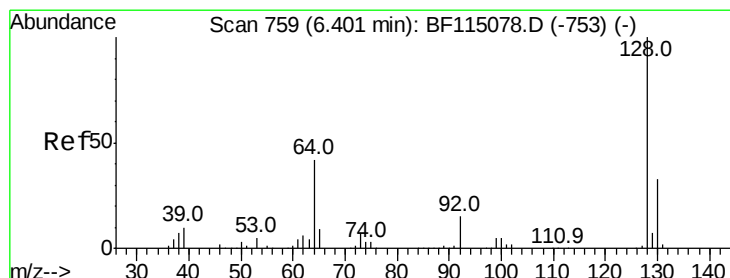
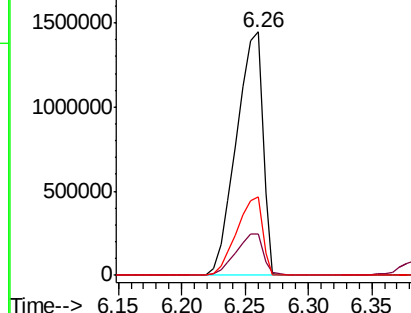
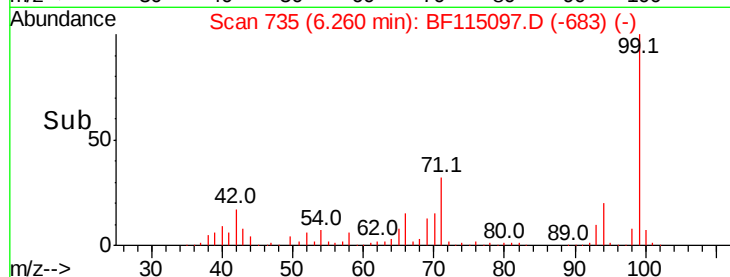
99 100

42 16.8 13.6 20.4

71 32.2 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: 42.502 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

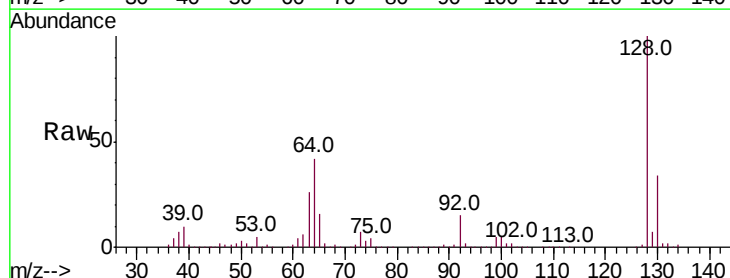
Tgt Ion:128 Resp: 745055

Ion Ratio Lower Upper

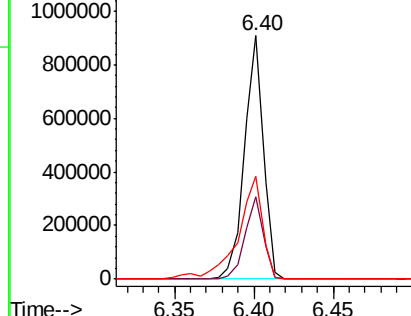
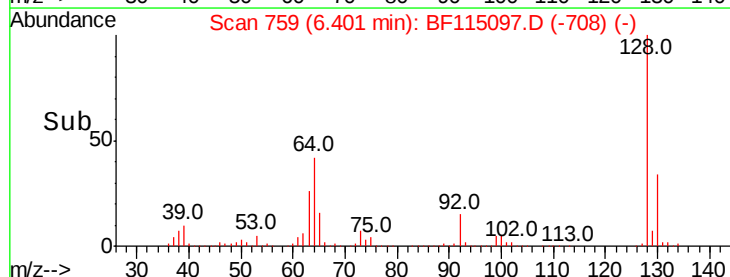
128 100

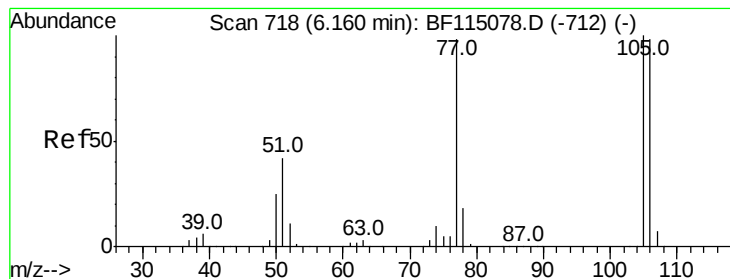
130 33.8 12.9 52.9

64 42.0 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: 9.137 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

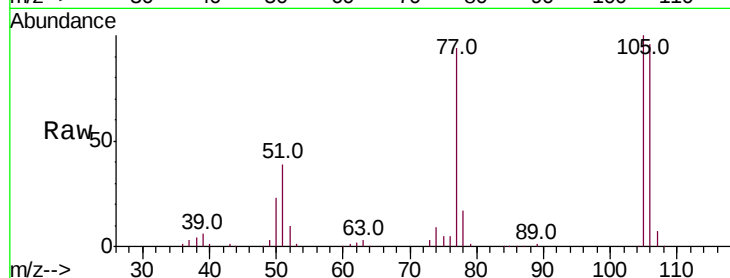
Tot Ion: 77 Resp: 112792

Ion Ratio Lower Upper

77 100

105 106.8 81.5 121.5

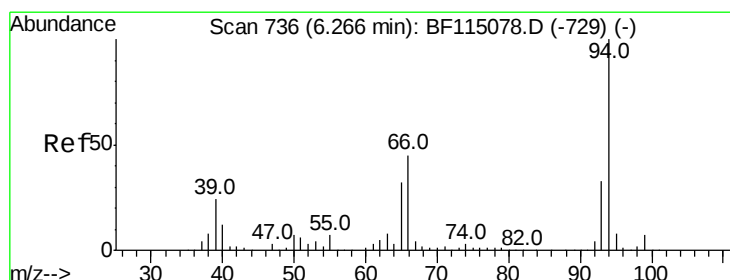
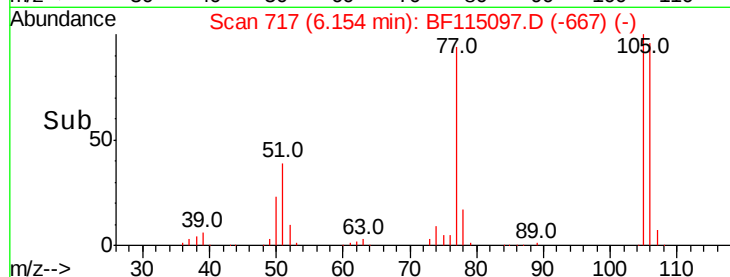
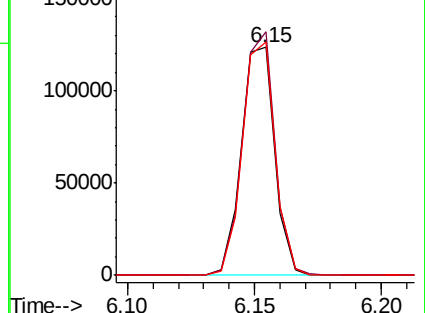
106 102.4 79.7 119.7



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: 39.391 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

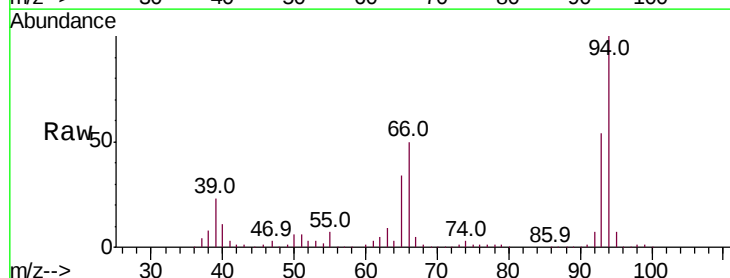
Tgt Ion: 94 Resp: 873102

Ion Ratio Lower Upper

94 100

65 34.1 11.9 51.9

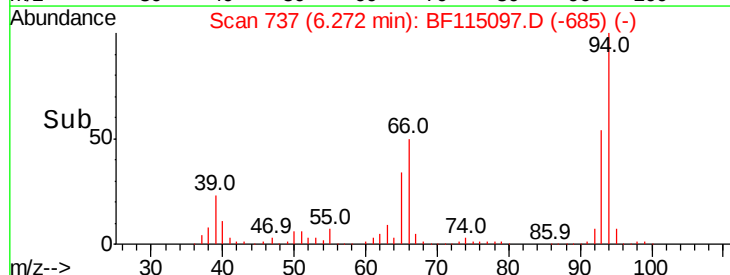
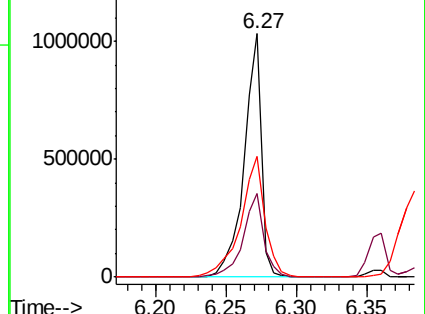
66 49.5 25.2 65.2

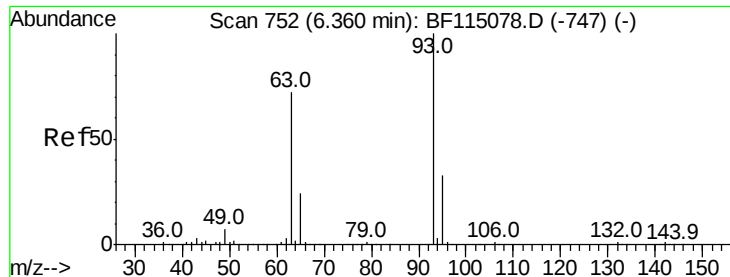


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

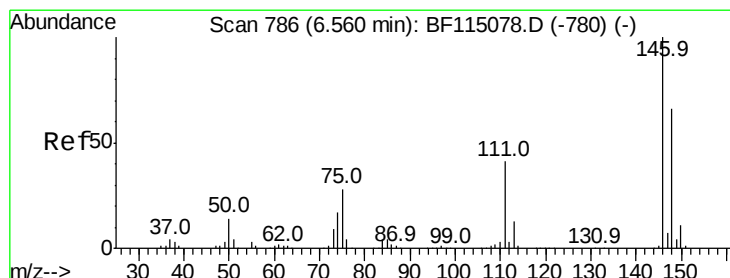
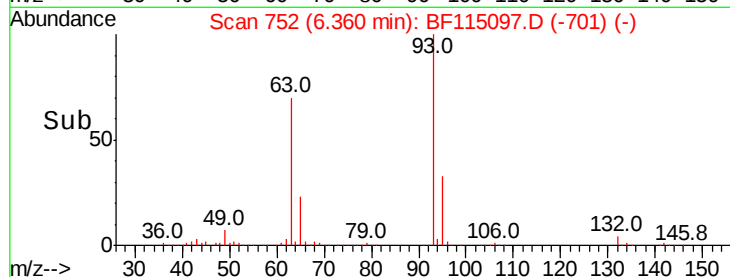
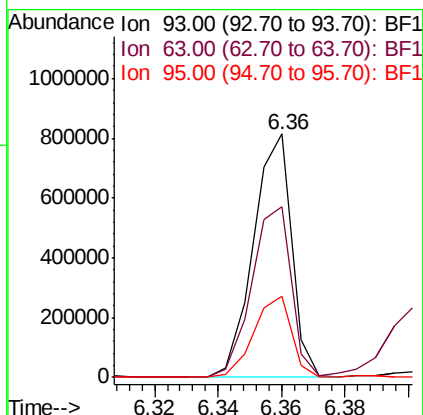
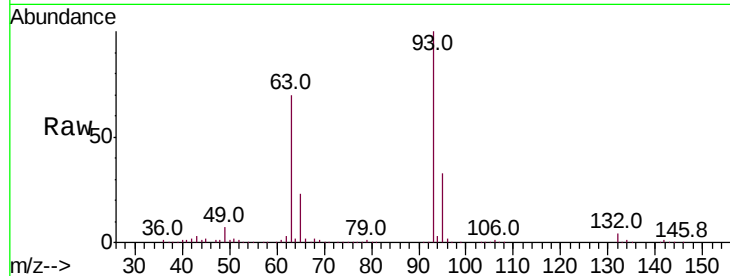




#11
bis(2-Chloroethyl)ether
Concen: 41.614 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

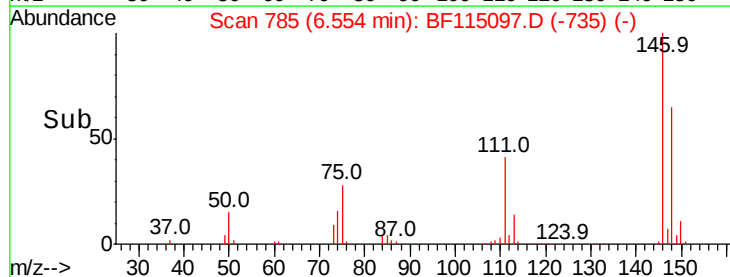
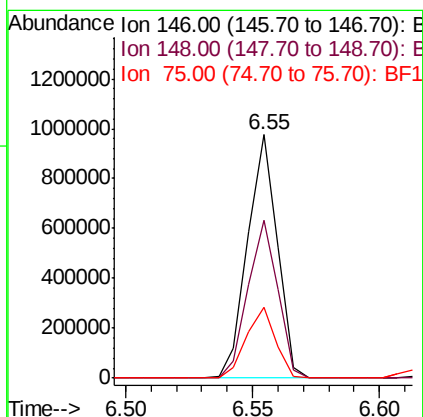
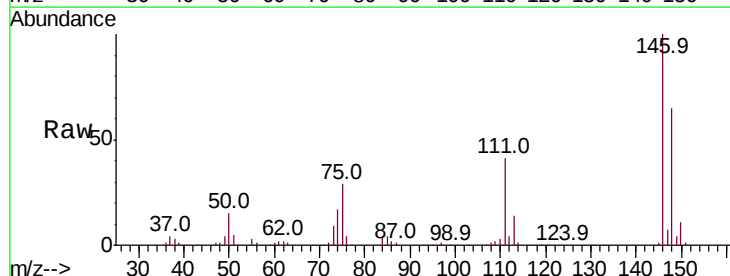
Instrument :
BNA_F
ClientSampleId :

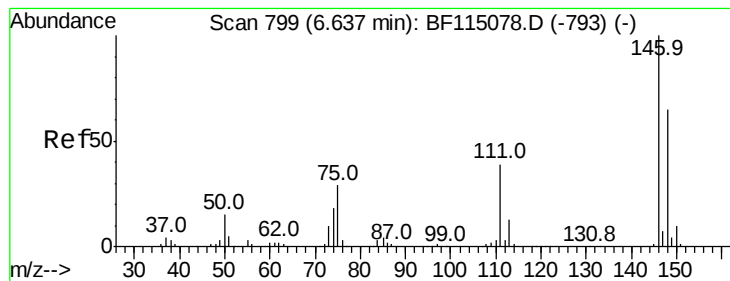
Tot Ion: 93 Resp: 679916
Ion Ratio Lower Upper
93 100
63 70.3 51.5 91.5
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.015 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion: 146 Resp: 797955
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
75 28.9 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 41.341 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

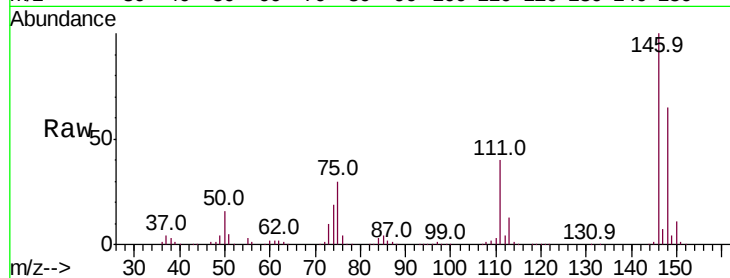
Tot Ion:146 Resp: 806516

Ion Ratio Lower Upper

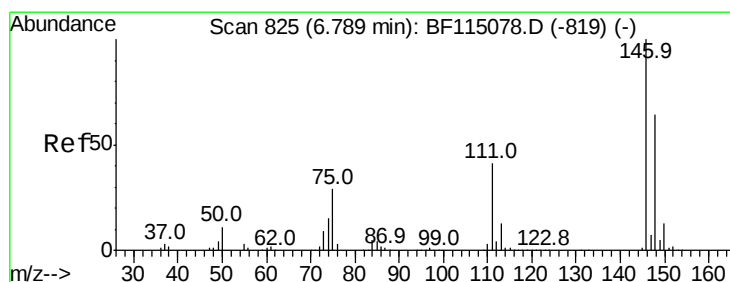
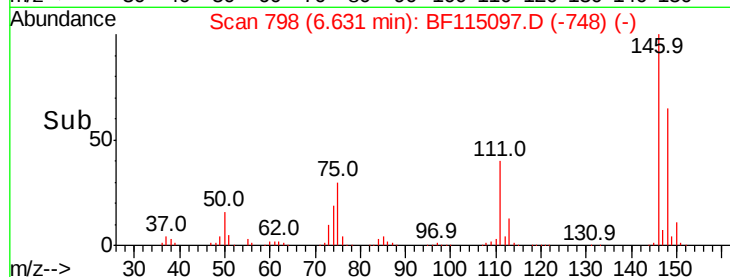
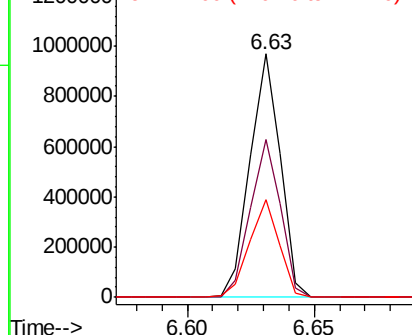
146 100

148 64.6 51.9 77.9

111 40.0 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: 41.514 ng

RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

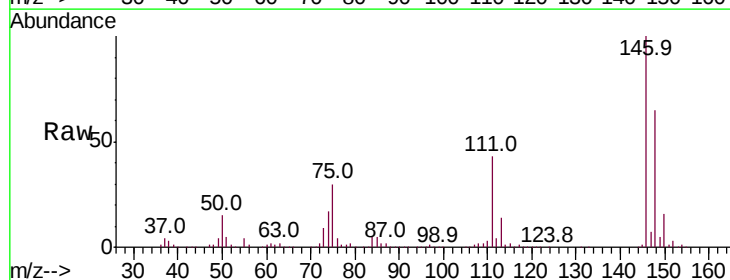
Tgt Ion:146 Resp: 750026

Ion Ratio Lower Upper

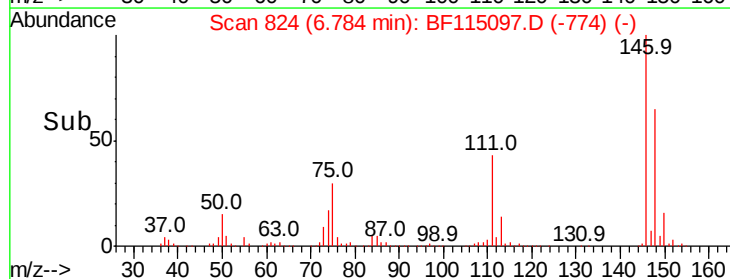
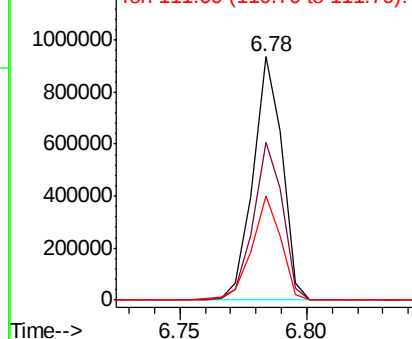
146 100

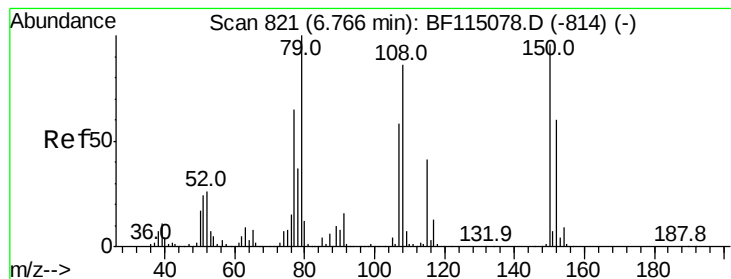
148 64.9 51.1 76.7

111 42.8 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: 41.001 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

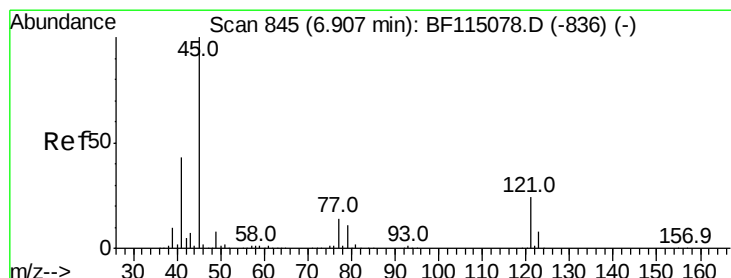
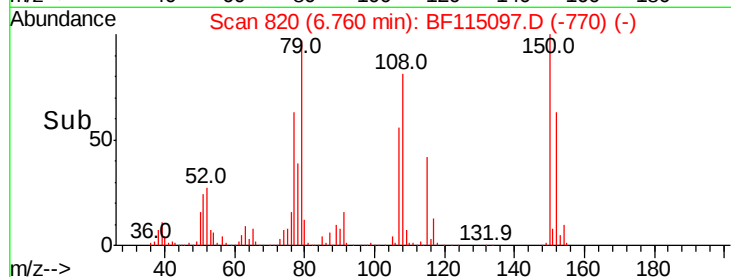
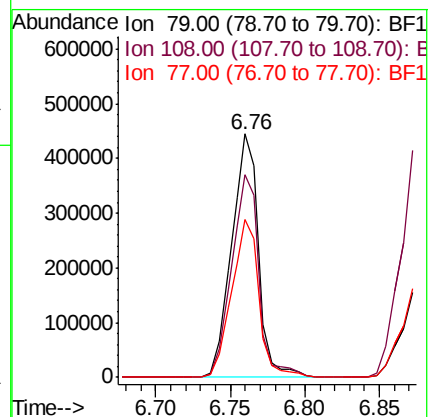
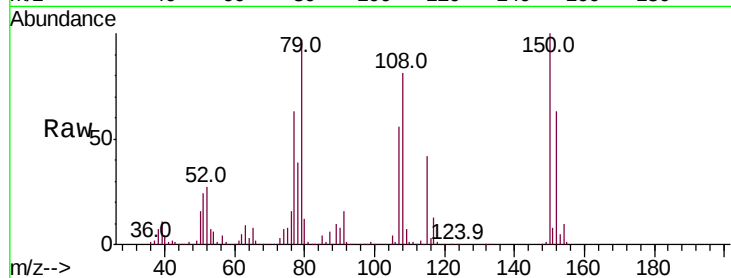
Tot Ion: 79 Resp: 564945

Ion Ratio Lower Upper

79 100

108 83.4 68.7 103.1

77 65.1 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.604 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

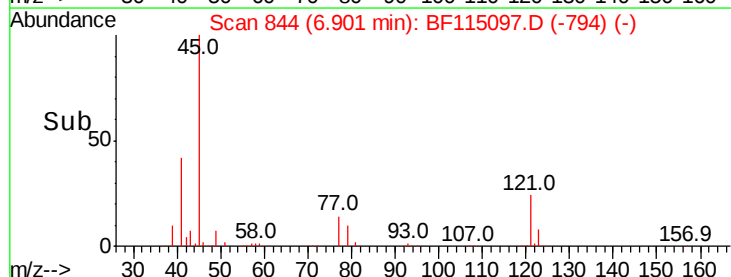
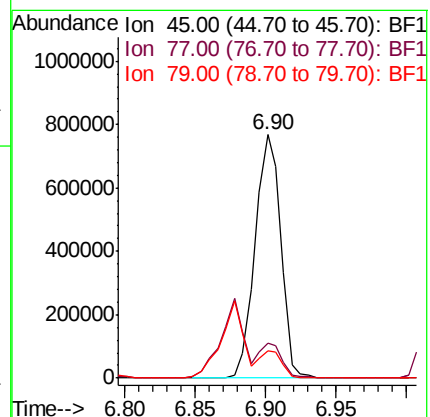
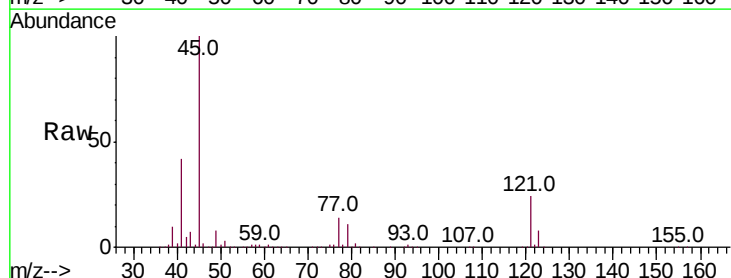
Tgt Ion: 45 Resp: 985917

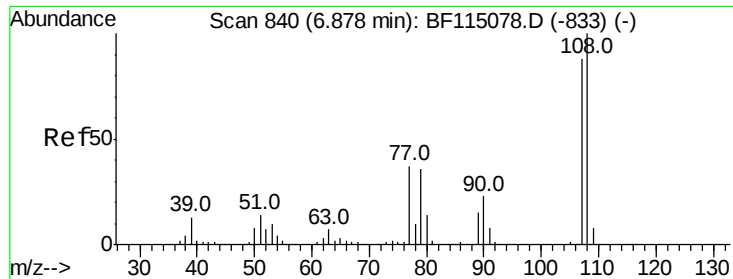
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

79 11.1 0.0 31.2

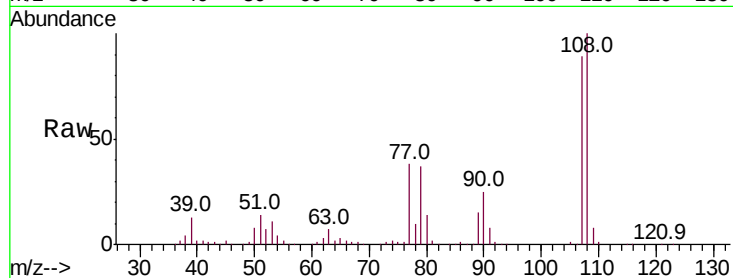




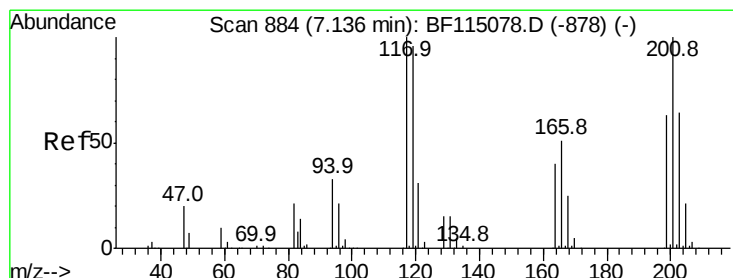
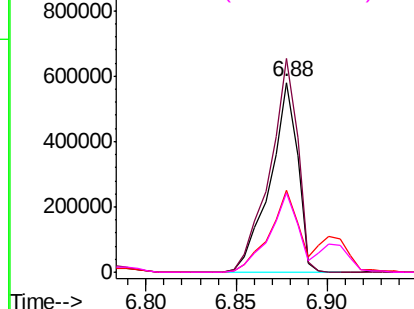
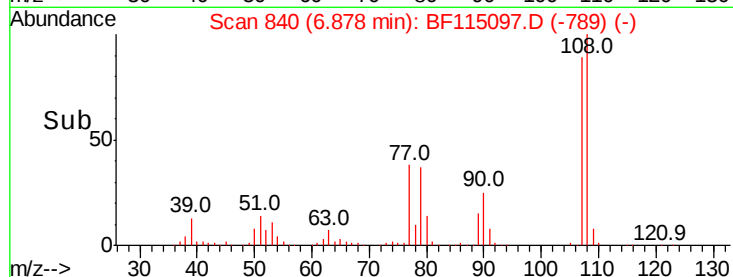
#17
2-Methylphenol
Concen: 42.488 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 614789
Ion Ratio Lower Upper
107 100
108 112.4 90.9 136.3
77 43.1 33.4 50.2
79 42.1 32.3 48.5

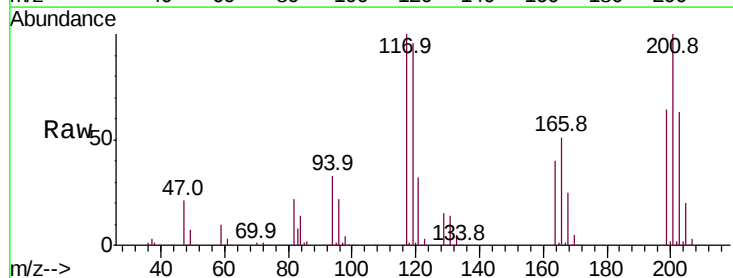


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

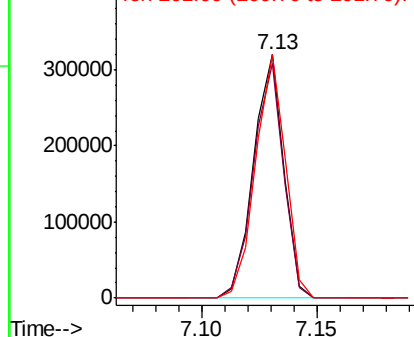
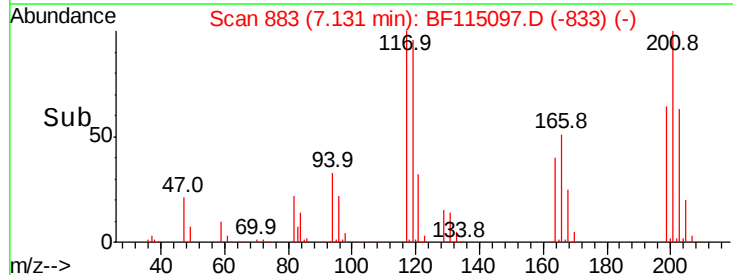


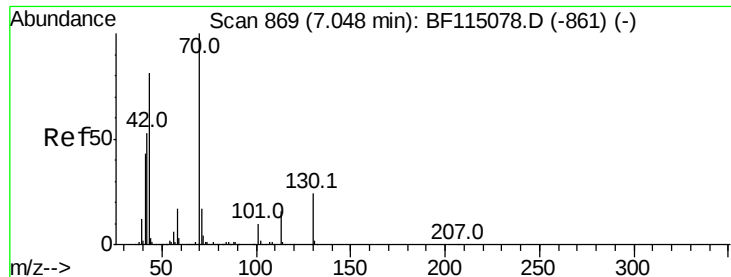
#18
Hexachloroethane
Concen: 41.444 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:117 Resp: 291487
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8
201 100.0 80.2 120.2



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

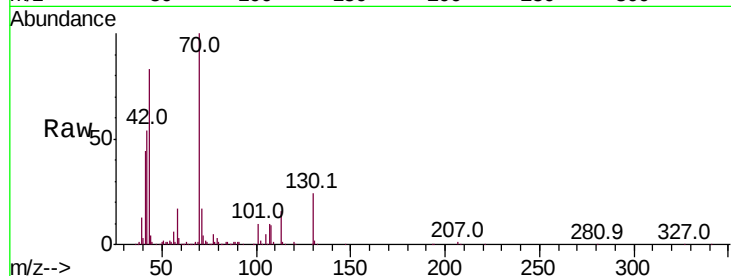




#19
n-Nitroso-di-n-propylamine
Concen: 39.994 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	484501
Ion	Ratio	Lower	Upper
70	100		
42	54.2	42.6	63.8
101	9.9	8.0	12.0
130	24.2	19.4	29.0



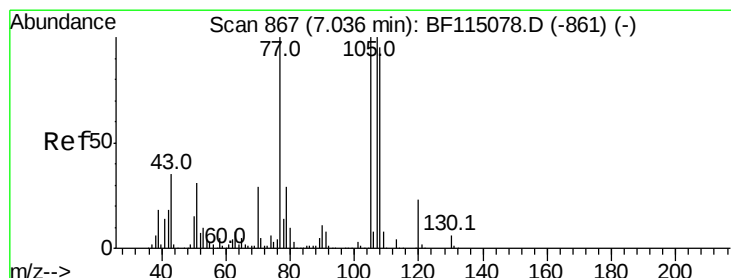
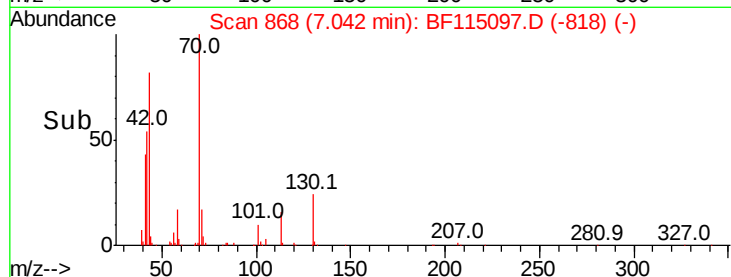
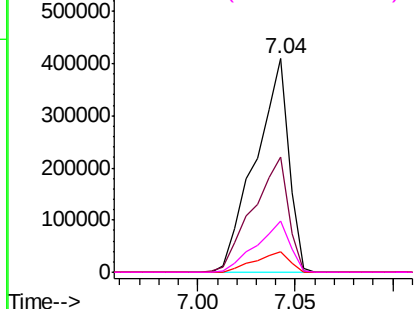
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.489 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:	107	Resp:	709906
Ion	Ratio	Lower	Upper
107	100		
108	90.0	75.5	115.5
77	95.0	80.2	120.2
79	27.5	9.5	49.5

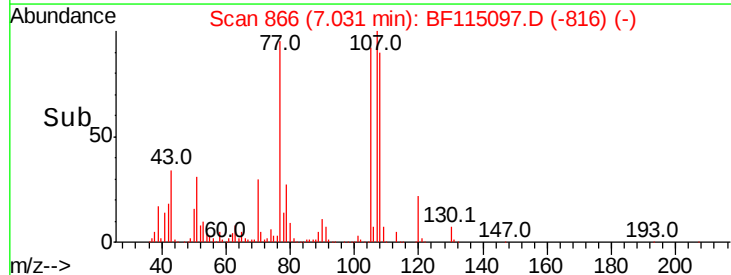
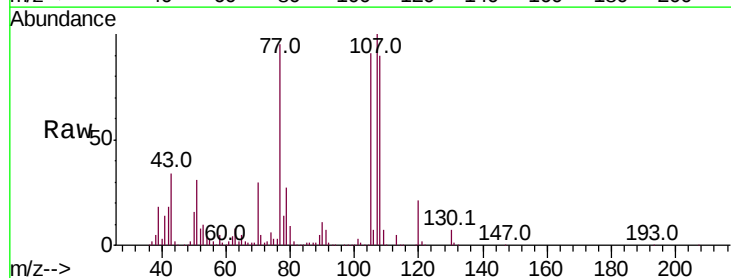
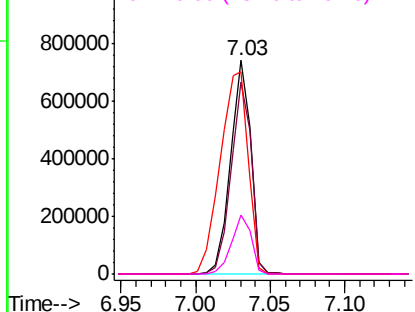
Abundance

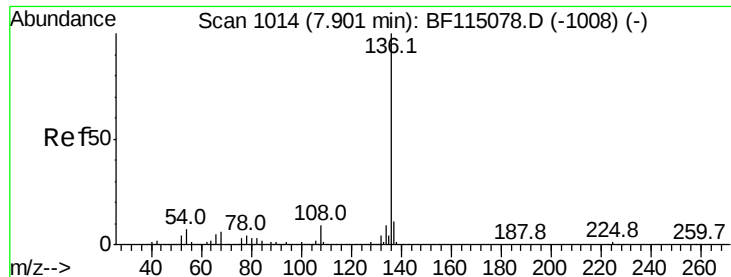
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

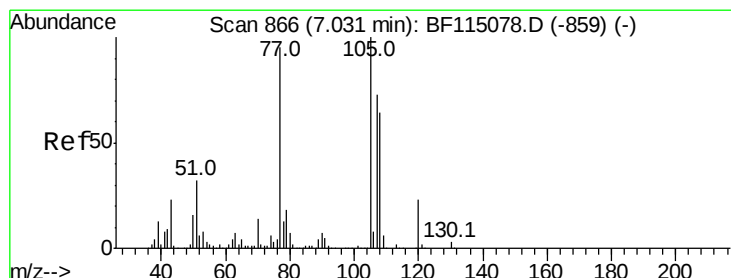
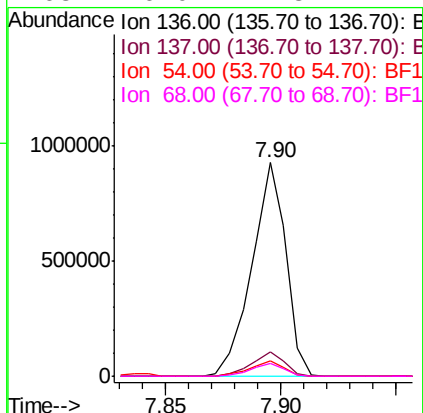
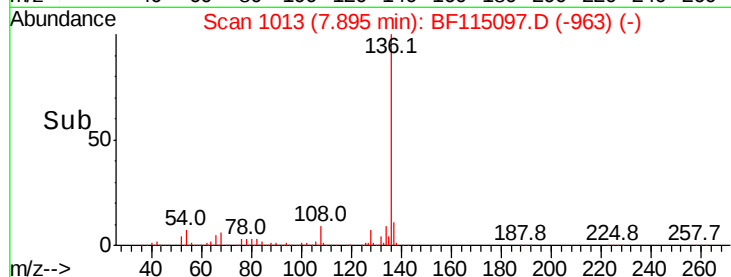
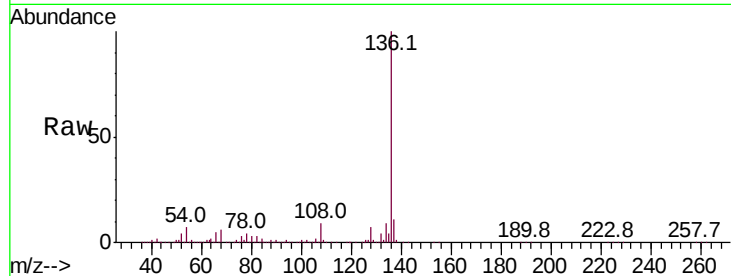




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

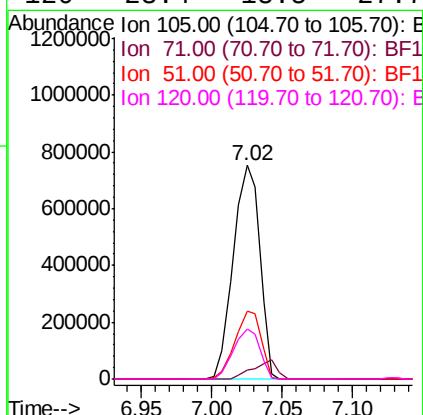
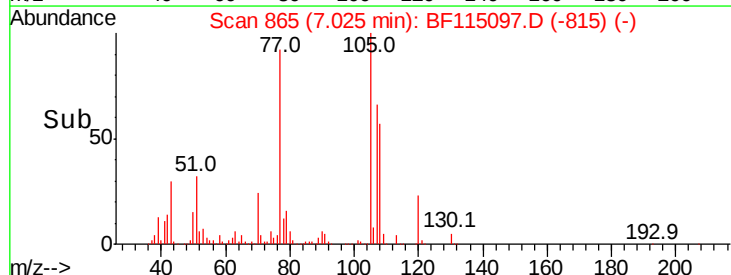
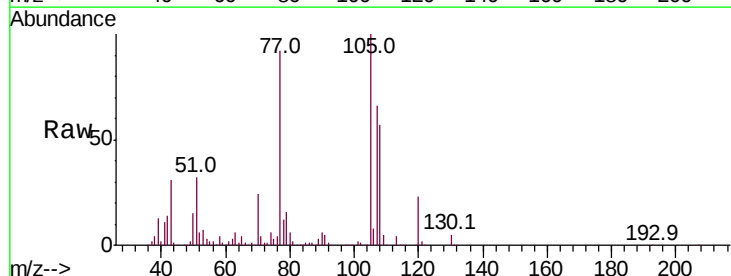
Instrument :
BNA_F
ClientSampled :

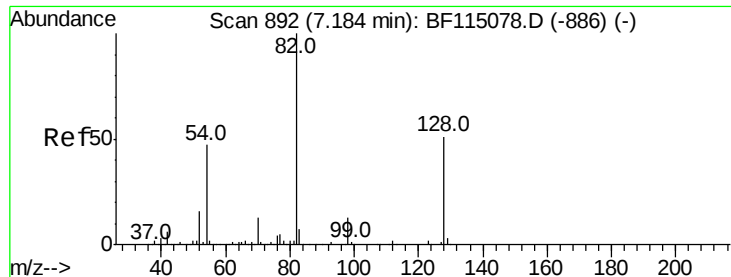
Tot Ion:136	Resp: 954401
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.2	5.6 8.4
68 6.0	4.8 7.2



#22
Acetophenone
Concen: 45.064 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt	Ion:105	Resp:	984630
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	31.7	25.8	38.8
120	23.4	18.5	27.7





#23

Nitrobenzene-d5

Concen: 82.715 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

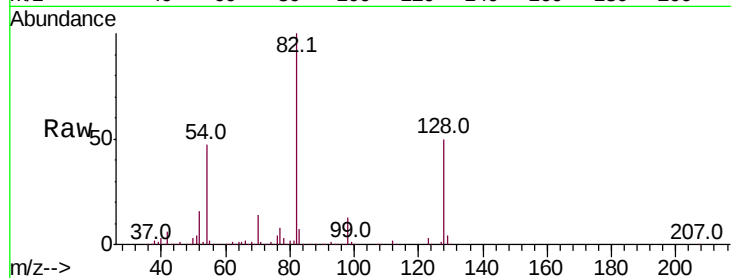
Tot Ion: 82 Resp: 1283303

Ion Ratio Lower Upper

82 100

128 50.5 40.4 60.6

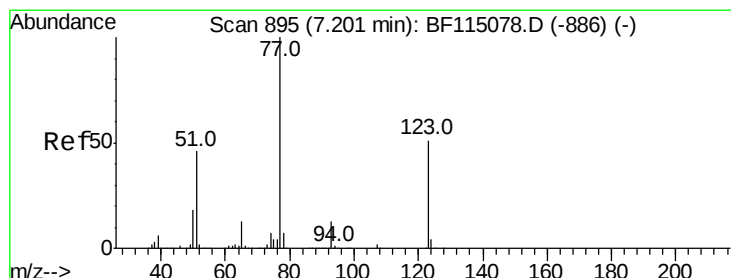
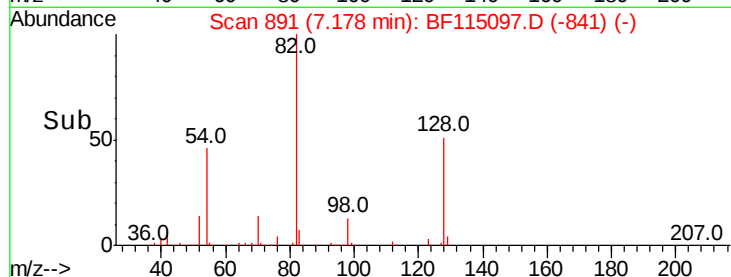
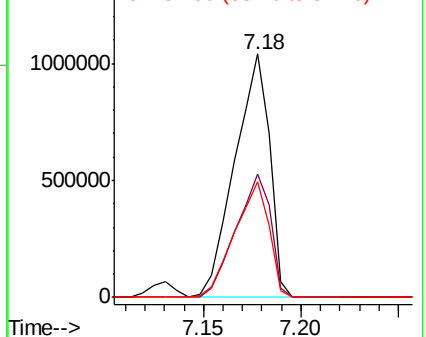
54 47.5 37.5 56.3



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: 43.693 ng

RT: 7.20 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

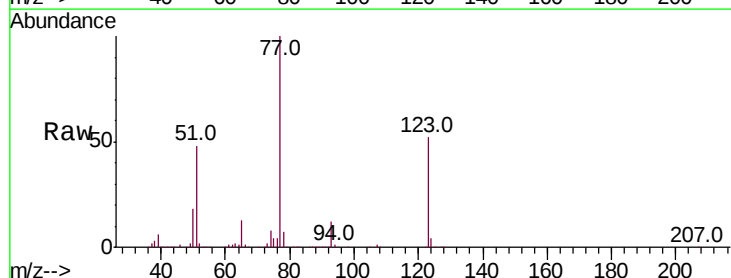
Tgt Ion: 77 Resp: 746813

Ion Ratio Lower Upper

77 100

123 51.6 41.0 61.6

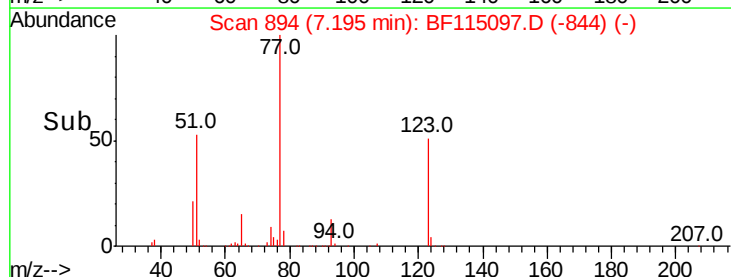
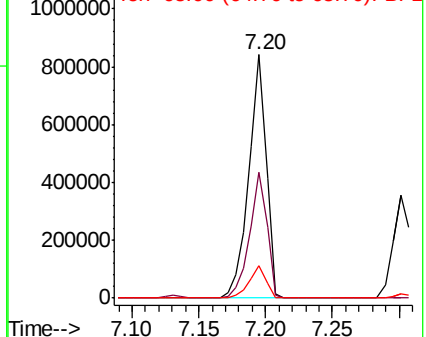
65 13.1 10.5 15.7

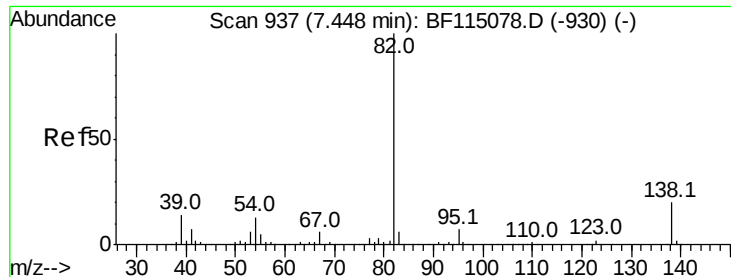


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.871 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampled :

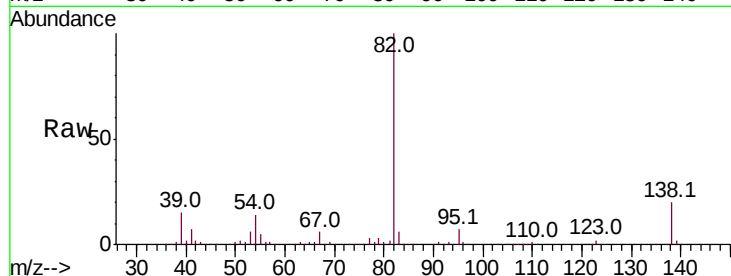
Tot Ion: 82 Resp: 1394336

Ion Ratio Lower Upper

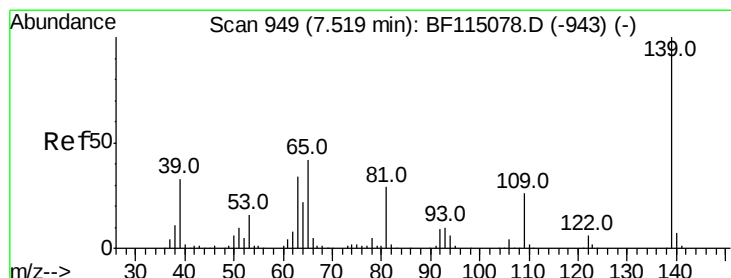
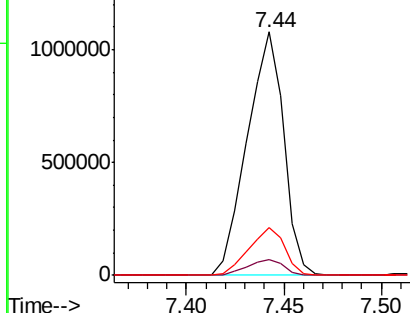
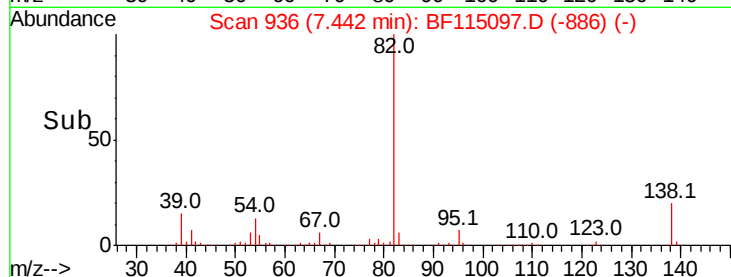
82 100

95 6.7 5.4 8.2

138 19.9 15.9 23.9



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



#26

2-Nitrophenol

Concen: 47.215 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

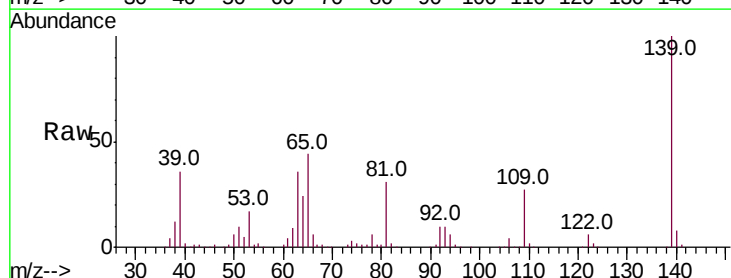
Tgt Ion: 139 Resp: 398536

Ion Ratio Lower Upper

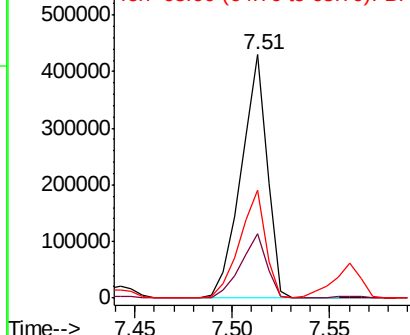
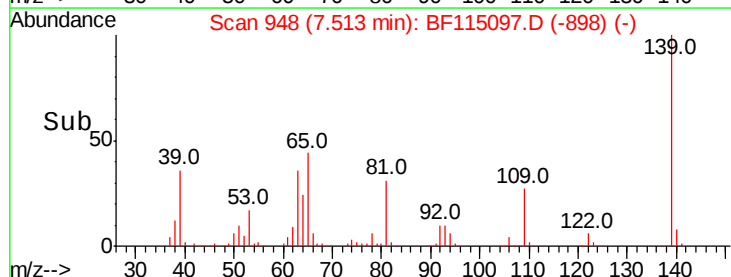
139 100

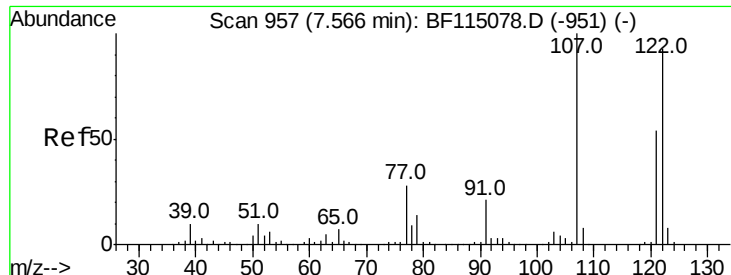
109 26.5 20.4 30.6

65 44.3 33.6 50.4



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

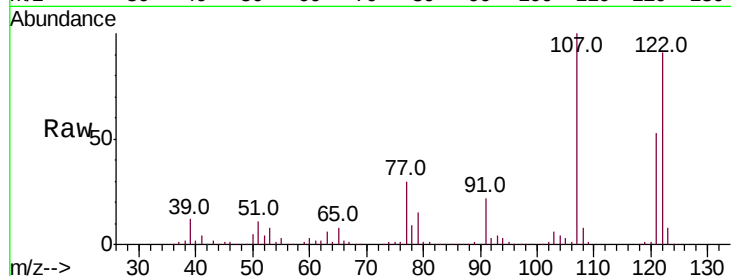




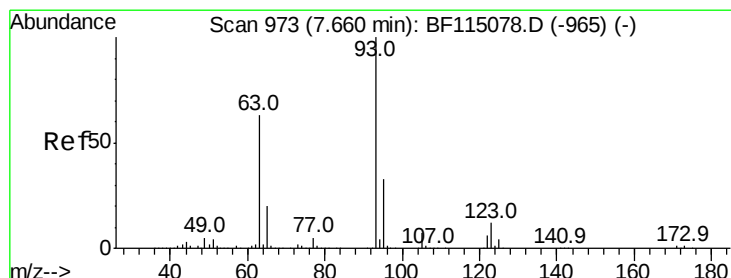
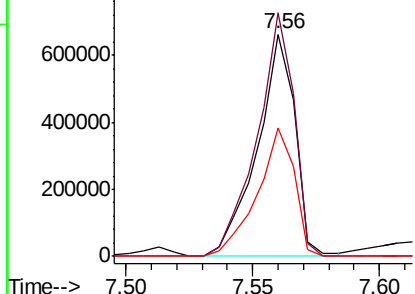
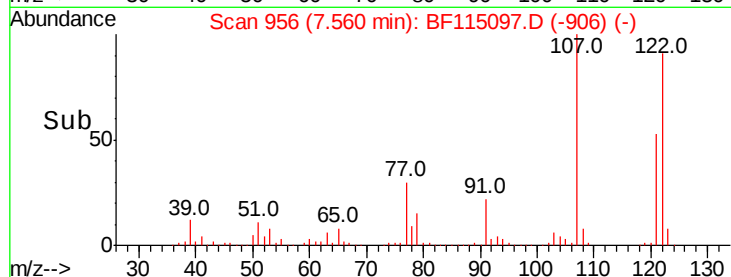
#27
2,4-Dimethylphenol
Concen: 49.815 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	85.8	128.6
121	58.0	46.3	69.5

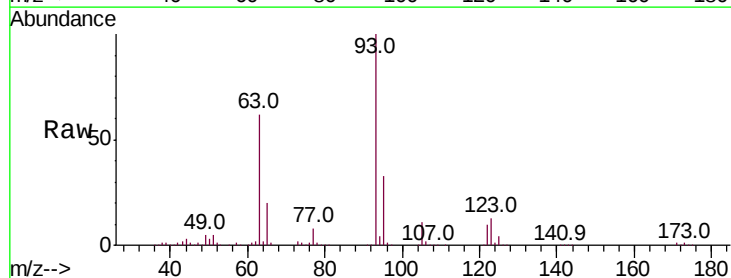


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

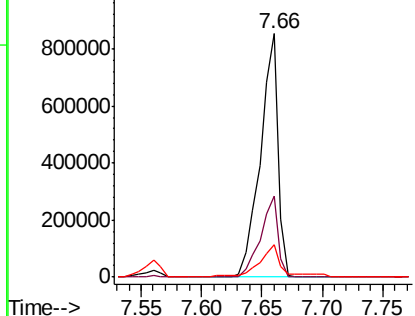
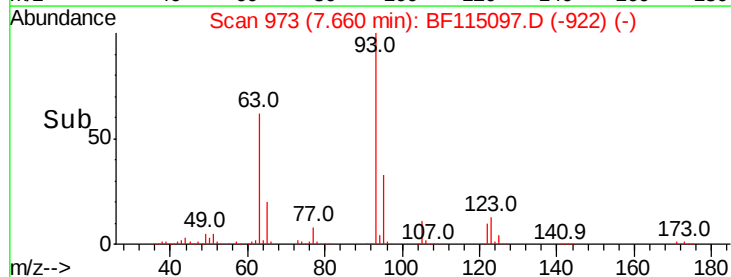


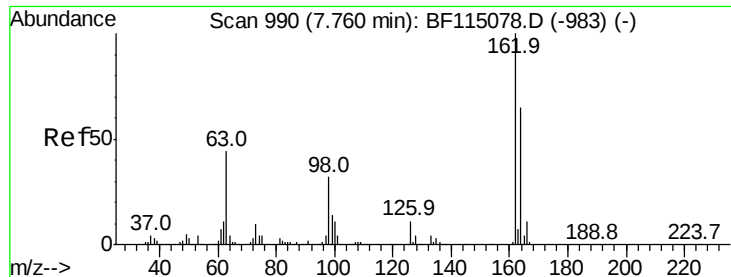
#28
bis(2-Chloroethoxy)methane
Concen: 43.461 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	13.3	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

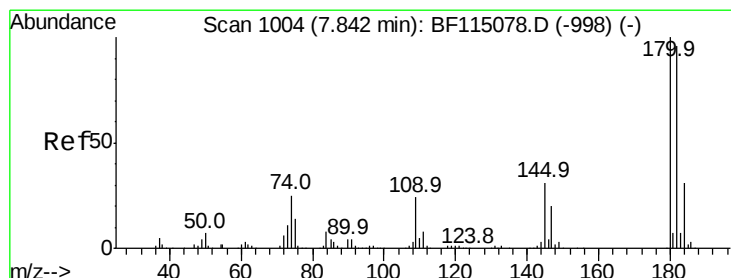
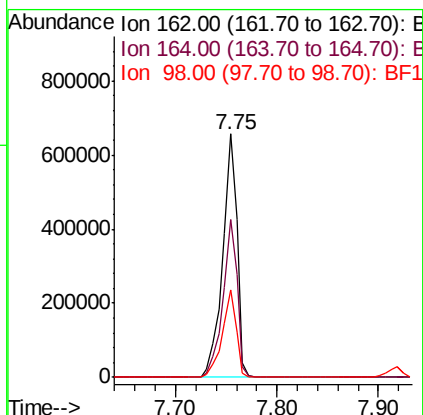
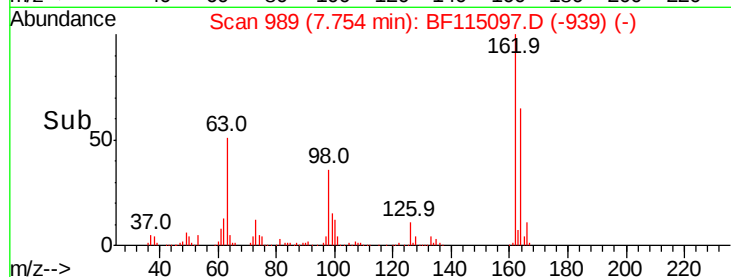
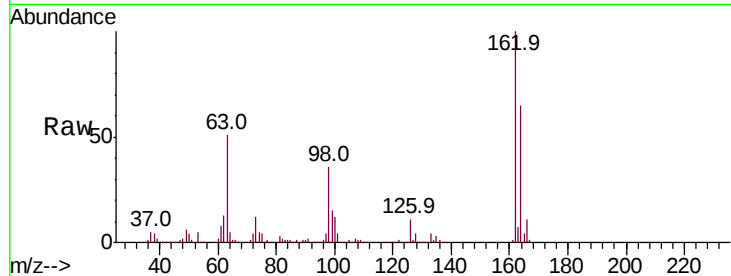




#29
 2,4-Dichlorophenol
 Concen: 45.190 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

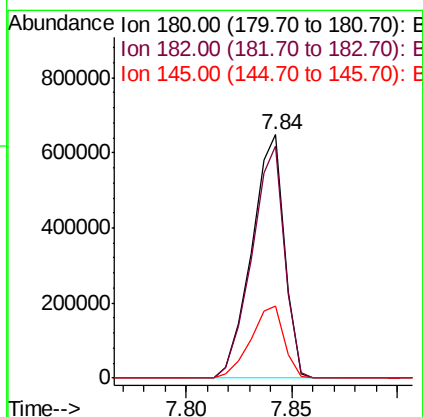
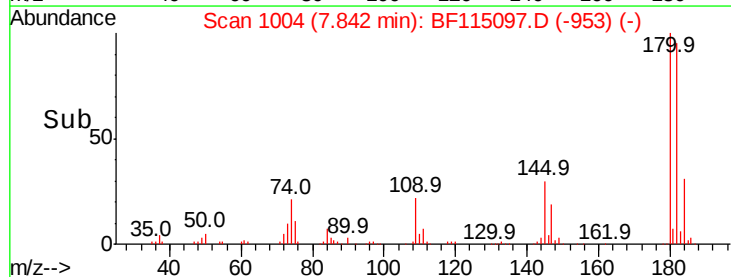
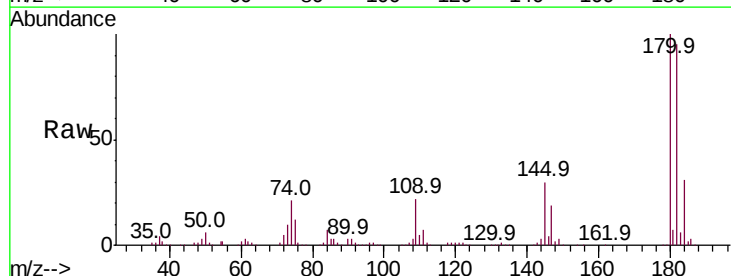
Instrument :
 BNA_F
 ClientSampleId :

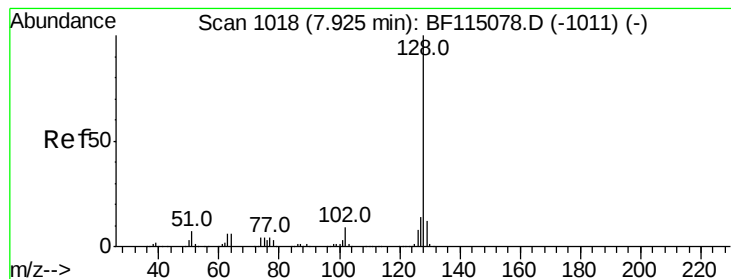
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.3	85.3
98	36.0	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.293 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	29.8	24.8	37.2





#31

Naphthalene

Concen: 44.888 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

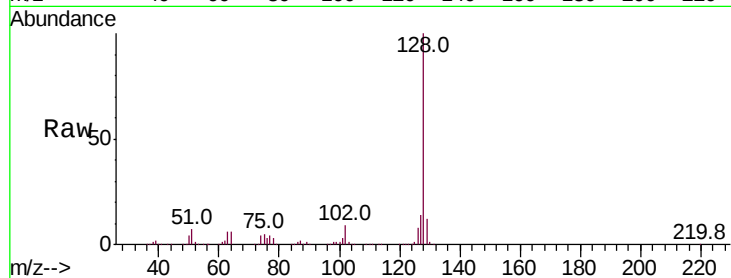
Tot Ion:128 Resp: 2102980

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

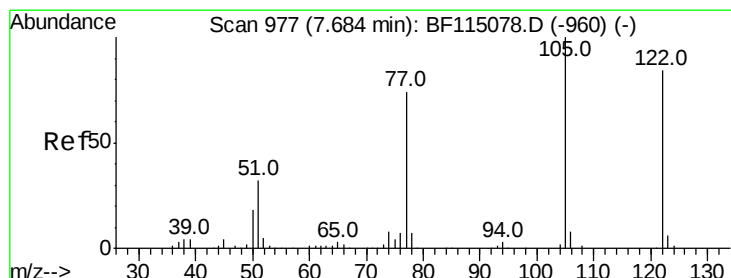
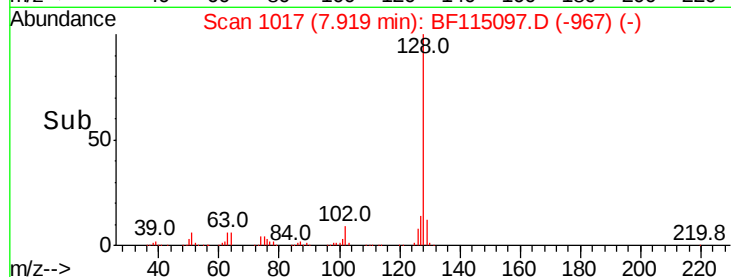
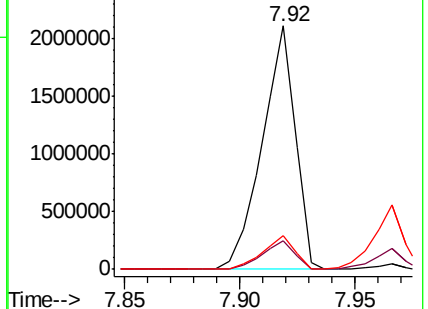
127 14.0 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.201 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

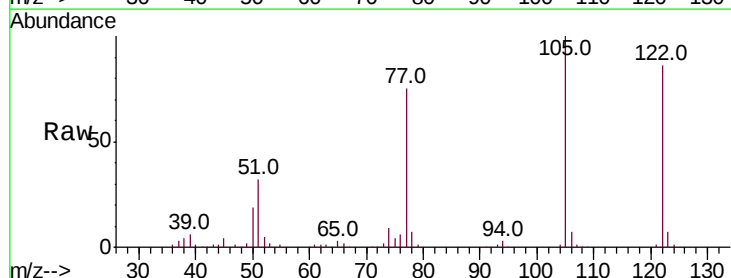
Tgt Ion:122 Resp: 505106

Ion Ratio Lower Upper

122 100

105 116.0 98.2 138.2

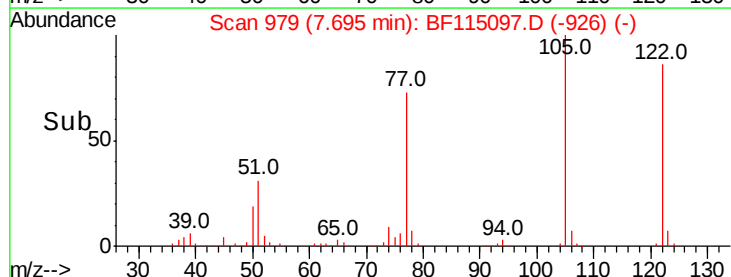
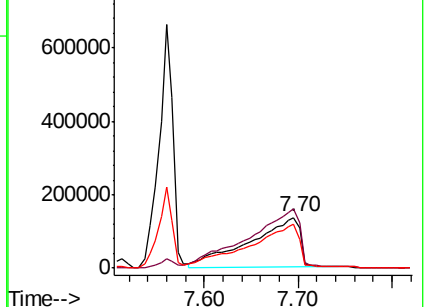
77 87.1 67.0 107.0

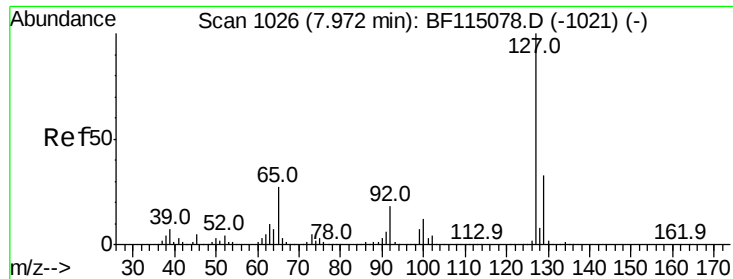


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

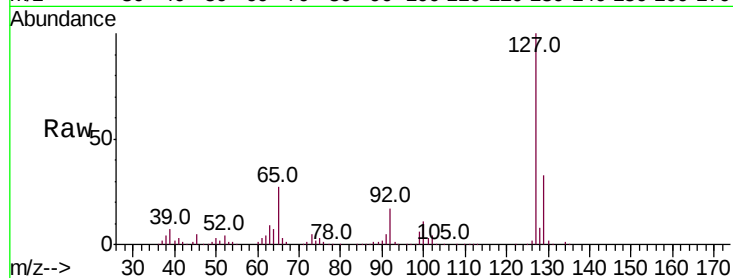




#33
4-Chloroaniline
Concen: 23.251 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	497822
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	26.6	21.4	32.2
92	17.1	14.1	21.1



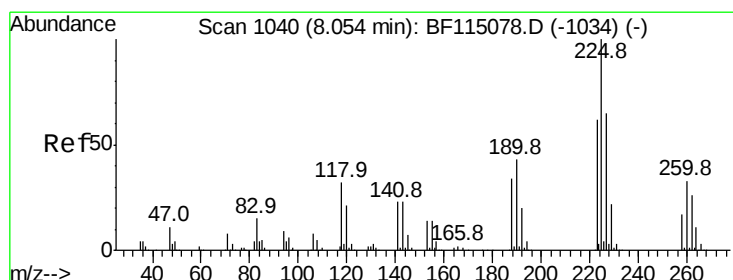
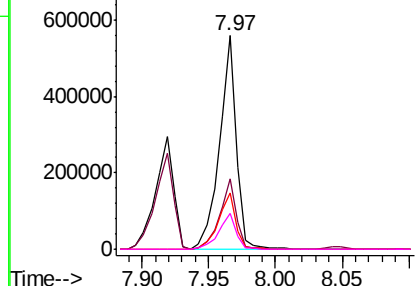
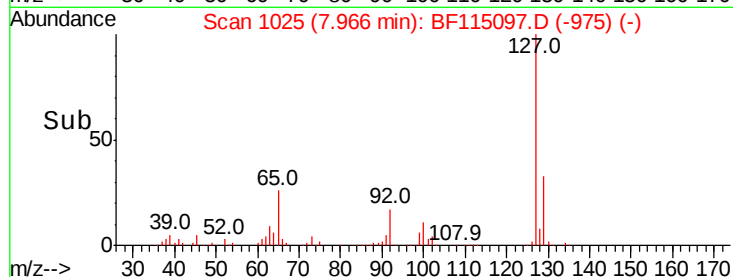
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

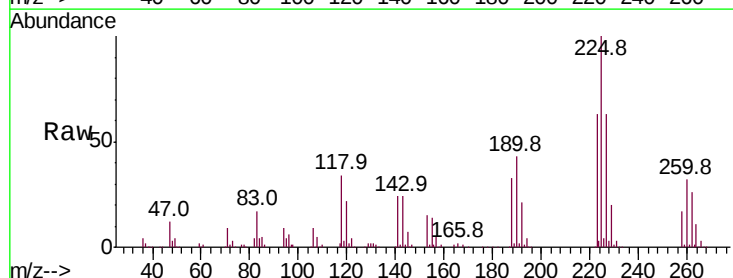
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.372 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:	225	Resp:	374440
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.2
227	63.0	51.8	77.8

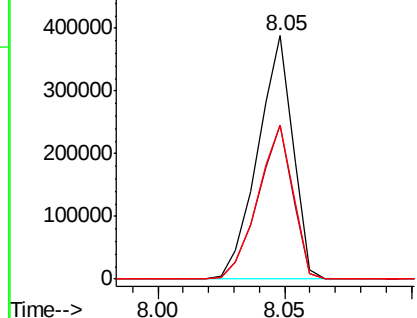
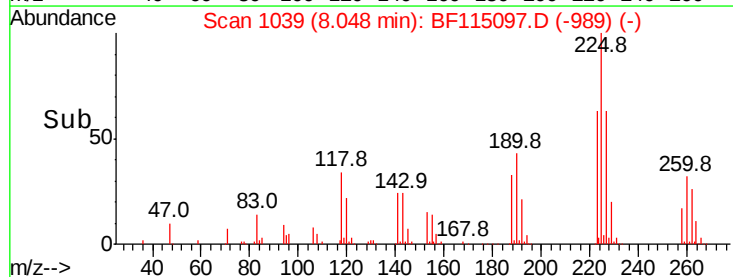


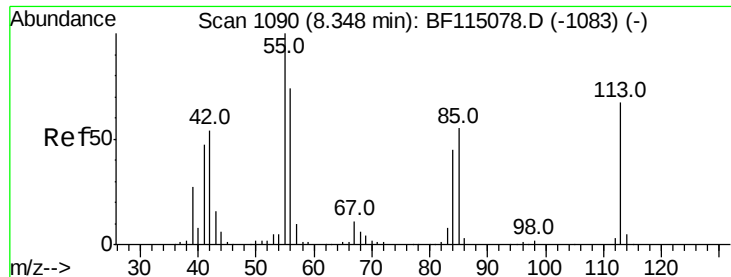
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

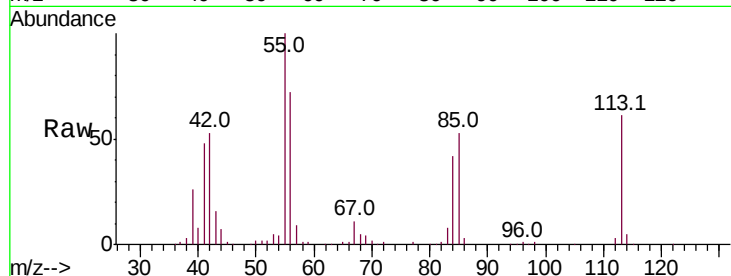




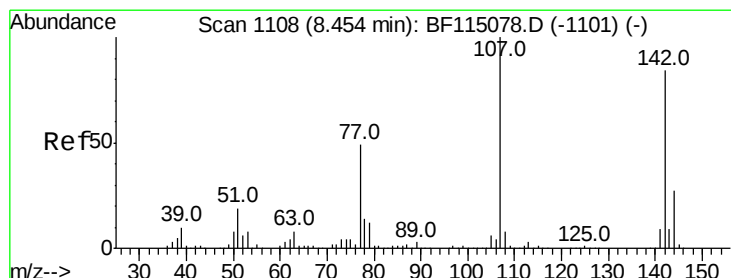
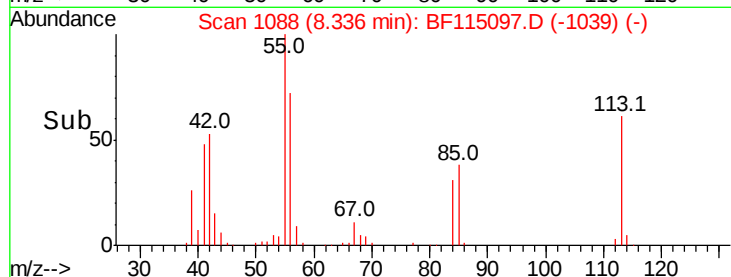
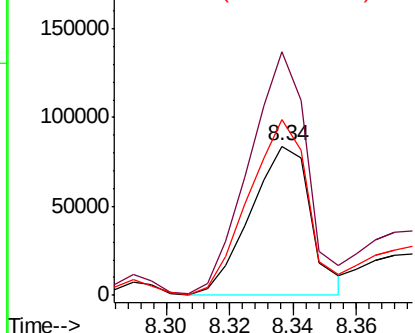
#35
Caprolactam
Concen: 23.228 ng
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 111382
Ion Ratio Lower Upper
113 100
55 162.9 130.2 170.2
56 117.2 91.6 131.6

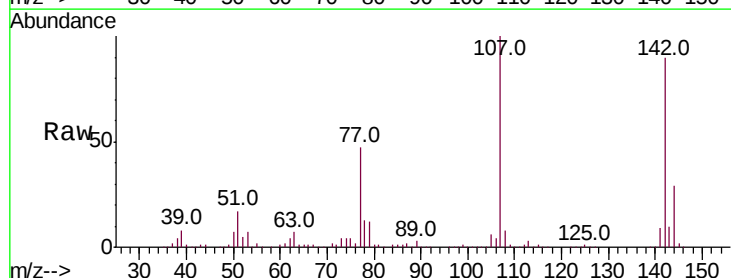


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

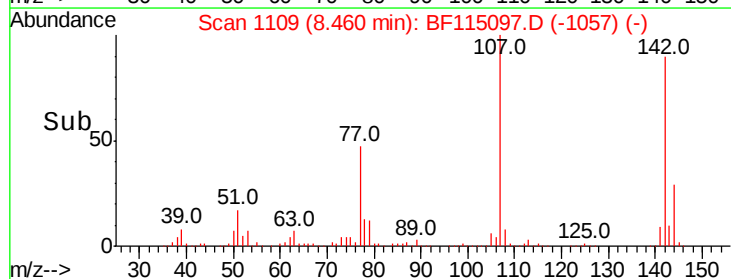
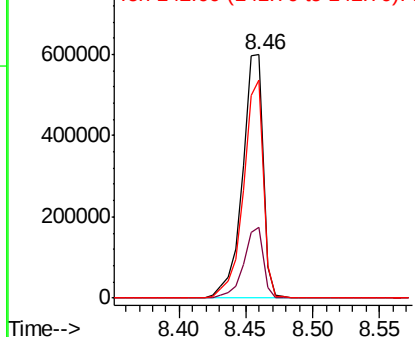


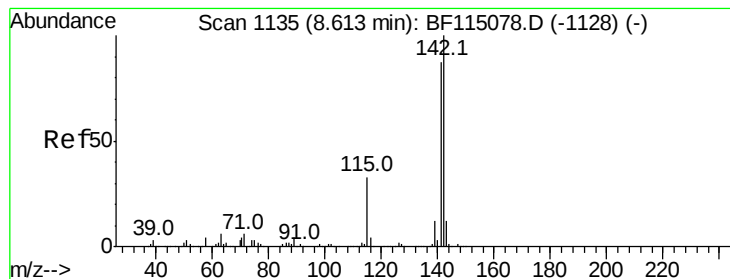
#36
4-Chloro-3-methylphenol
Concen: 44.508 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:107 Resp: 642869
Ion Ratio Lower Upper
107 100
144 29.2 21.7 32.5
142 89.5 67.0 100.4



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





#37

2-Methylnaphthalene

Concen: 45.778 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

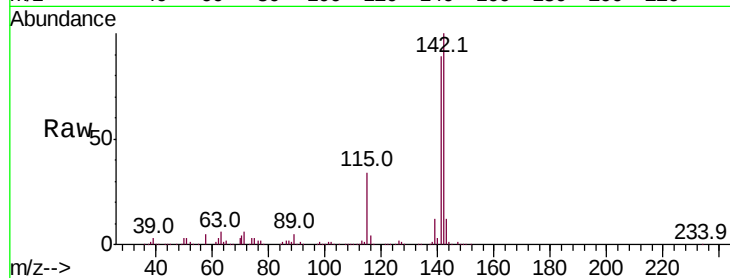
Tot Ion:142 Resp: 1446059

Ion Ratio Lower Upper

142 100

141 89.3 69.8 104.6

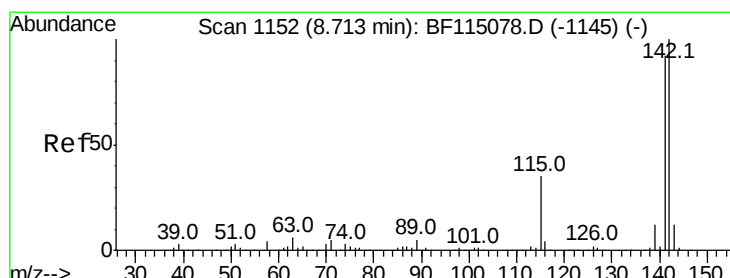
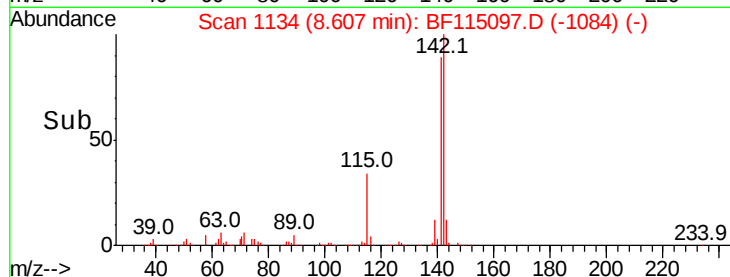
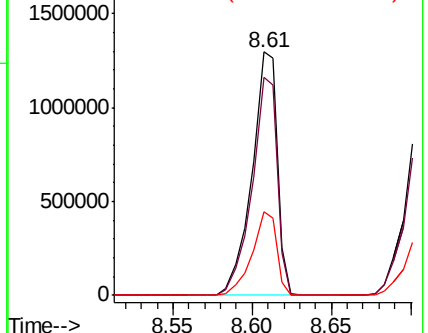
115 34.1 26.7 40.1



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: 45.787 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

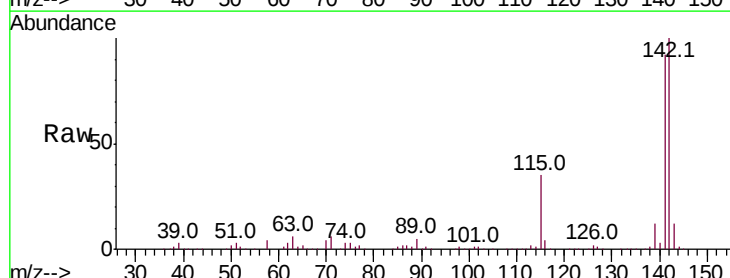
Tgt Ion:142 Resp: 1381333

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.8

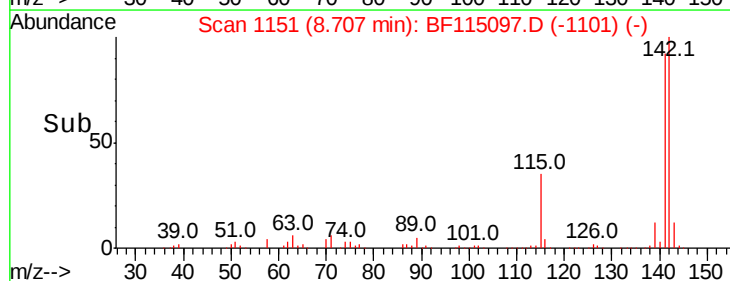
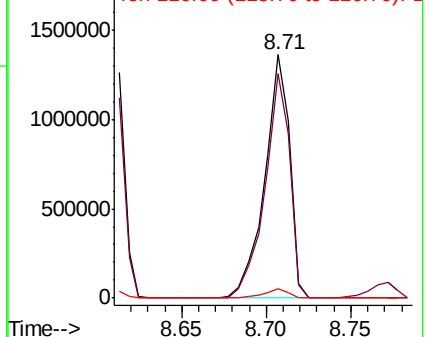
116 3.7 2.8 4.2

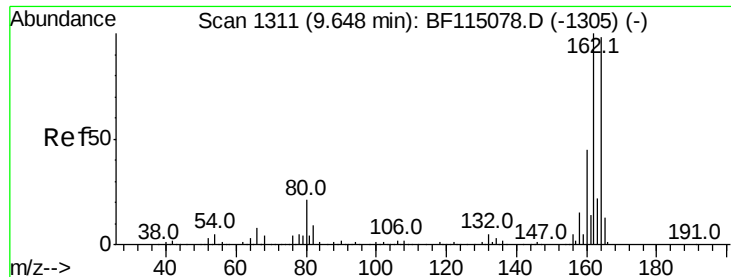


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

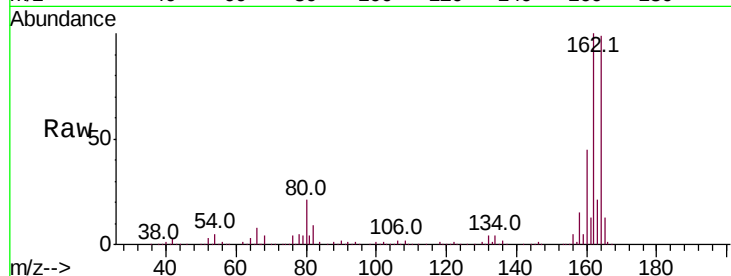




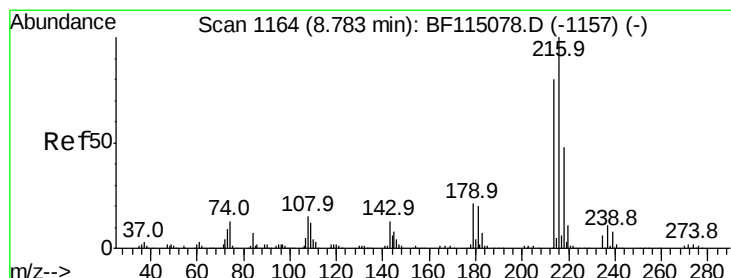
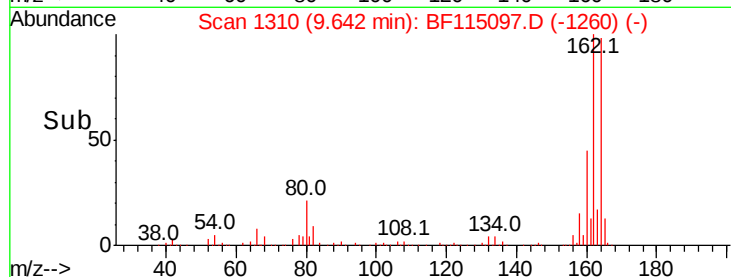
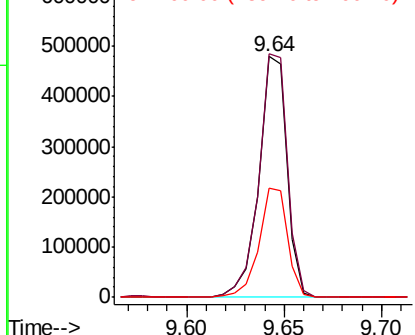
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 476697
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 45.3 37.0 55.4

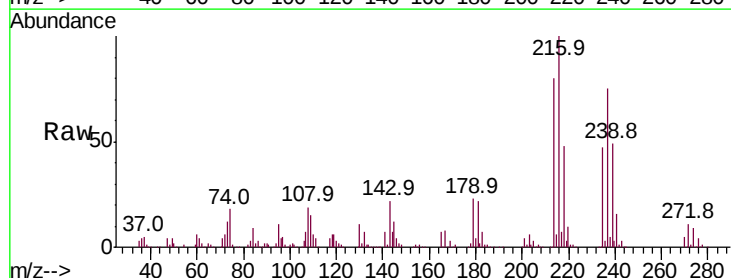


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

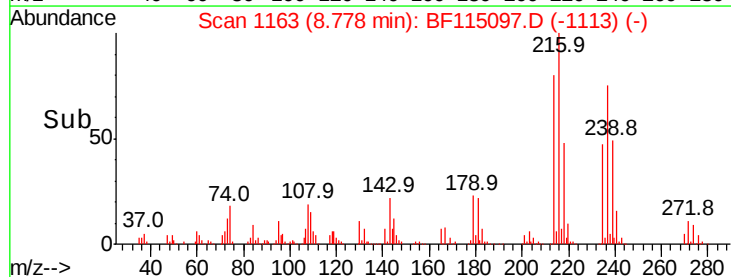
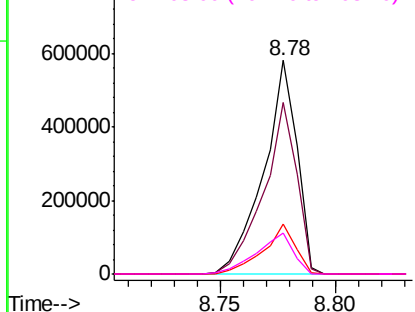


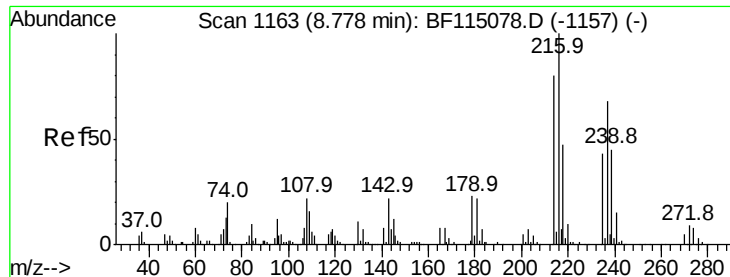
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.158 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:216 Resp: 581372
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 22.3 17.6 26.4
108 21.3 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: 94.044 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampled :

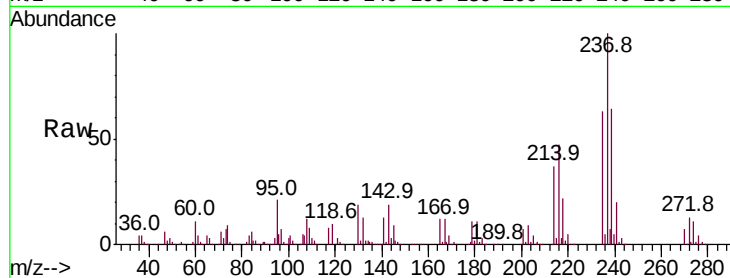
Tot Ion:237 Resp: 751186

Ion Ratio Lower Upper

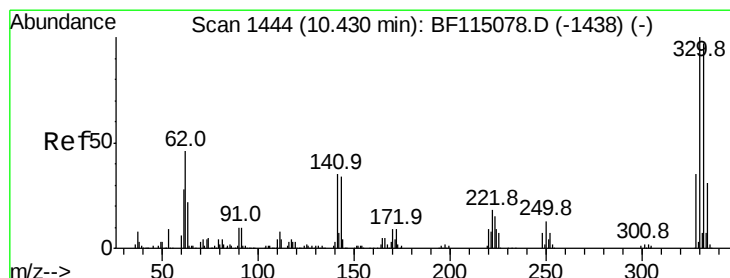
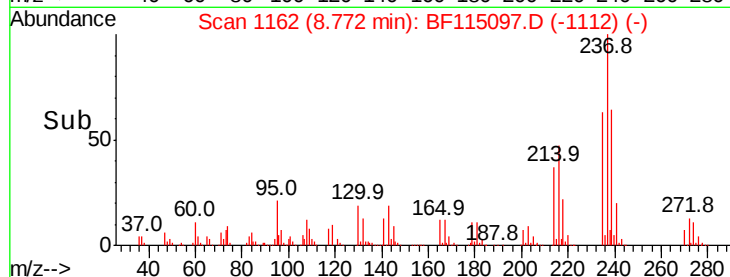
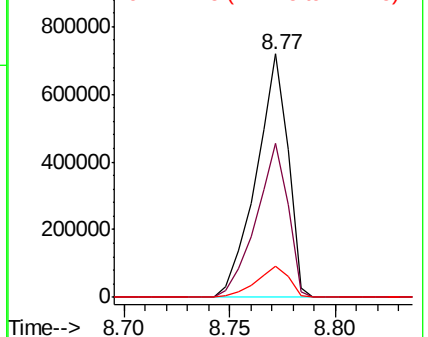
237 100

235 63.2 43.9 83.9

272 12.8 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: 119.136 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

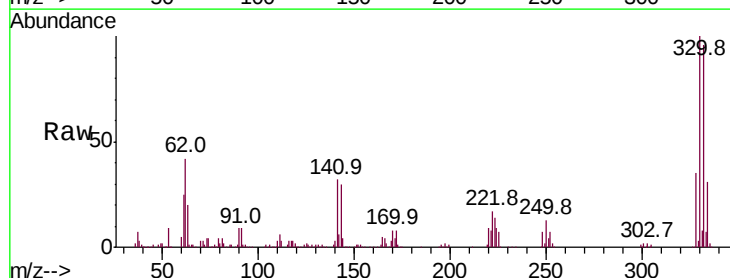
Tgt Ion:330 Resp: 598888

Ion Ratio Lower Upper

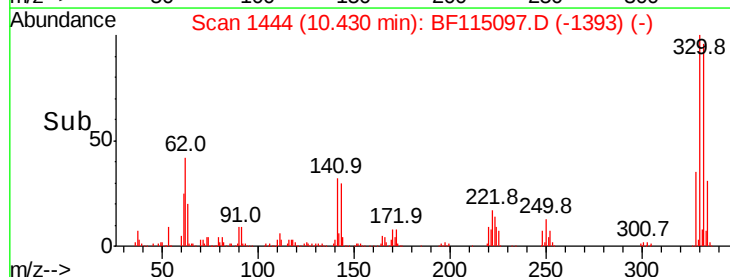
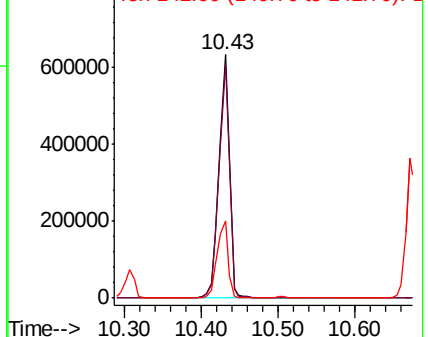
330 100

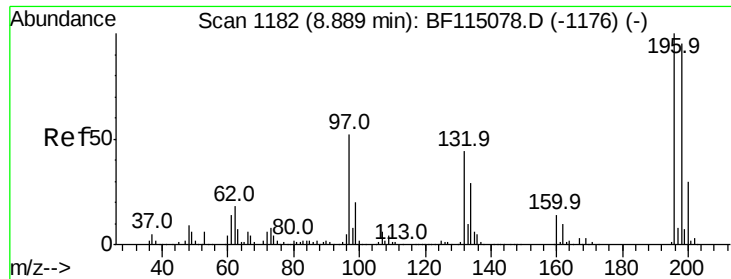
332 96.1 77.3 115.9

141 32.9 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

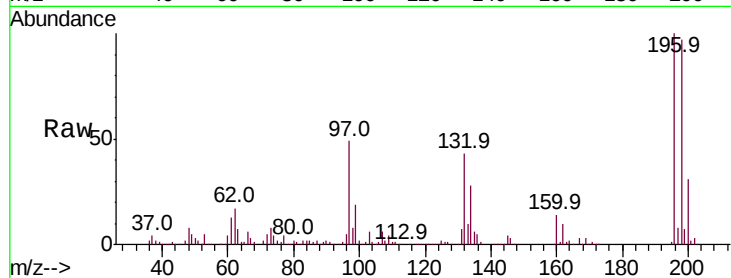




#43
 2,4,6-Trichlorophenol
 Concen: 44.427 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.3	114.5
200	31.1	24.2	36.4

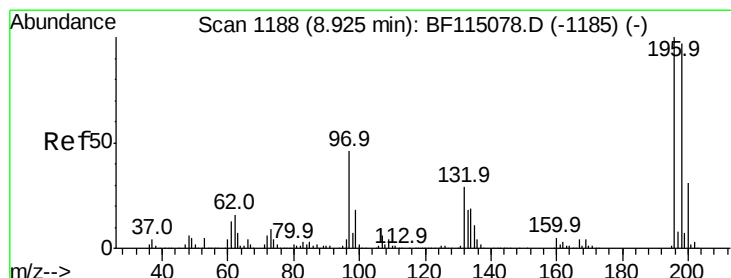
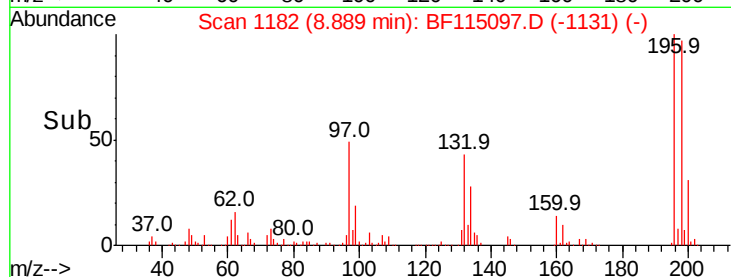
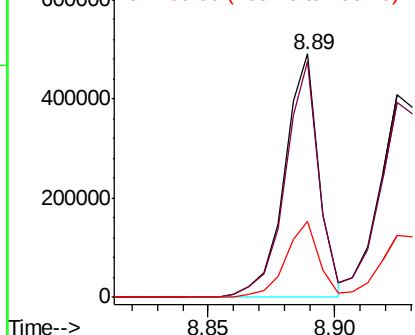


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.104 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.1	115.7
97	47.5	37.7	56.5
132	29.2	23.1	34.7

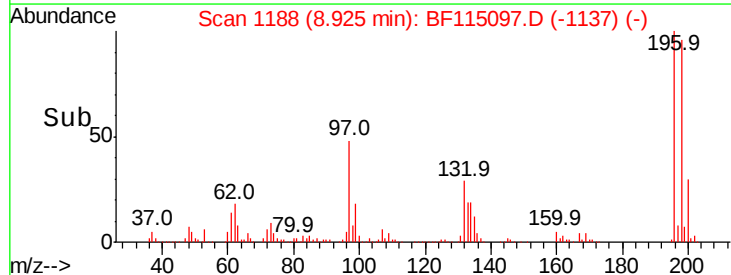
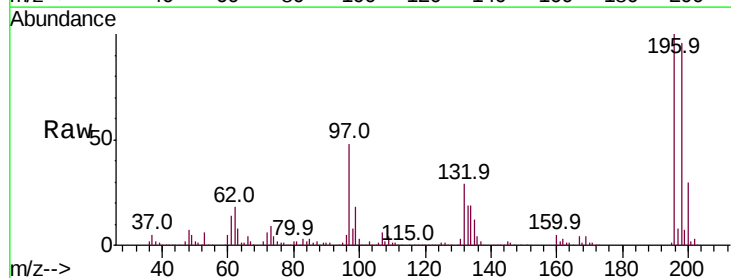
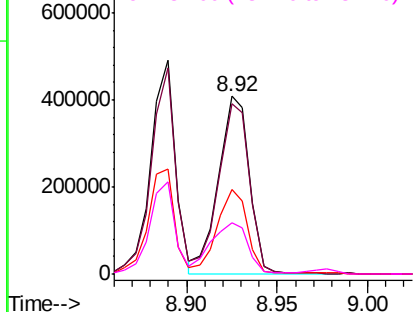
Abundance

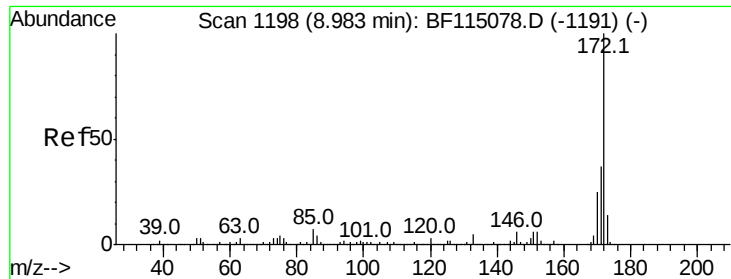
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



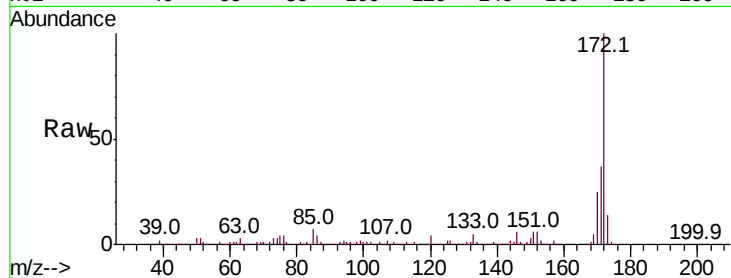


#45
 2-Fluorobiphenyl
 Concen: 88.015 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

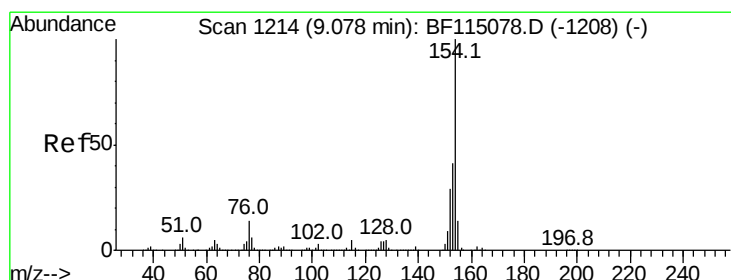
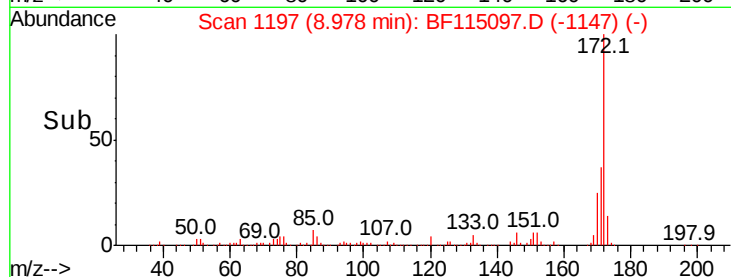
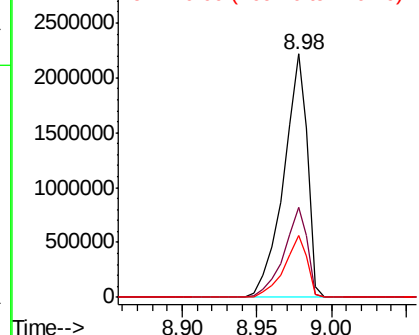
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2470027

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.5	20.3	30.5



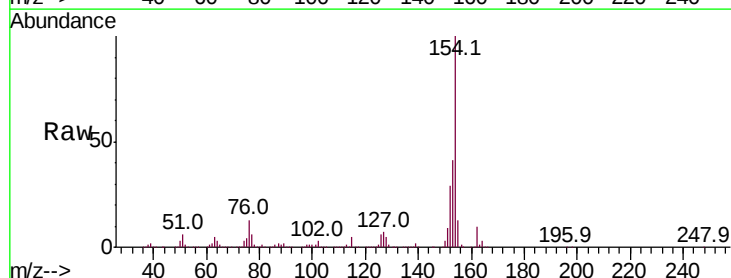
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



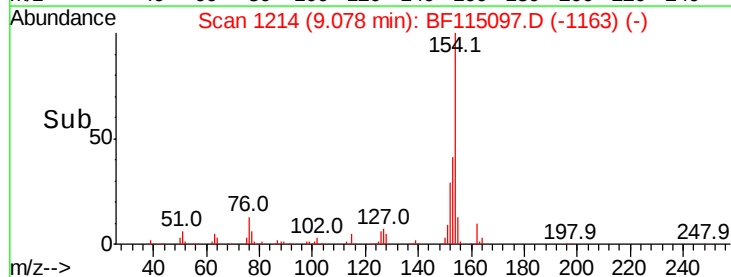
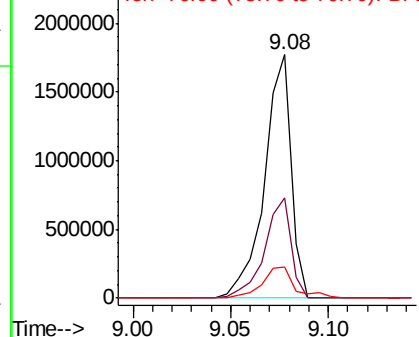
#46
 1,1'-Biphenyl
 Concen: 43.825 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

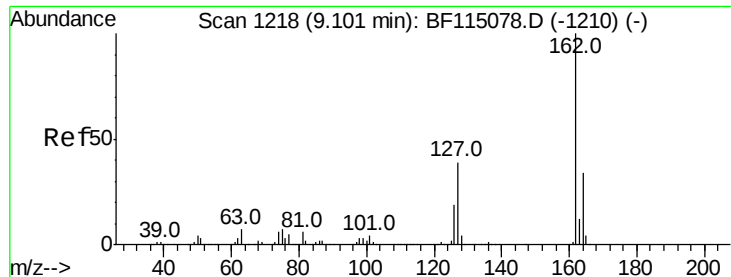
Tgt Ion:154 Resp: 1671591

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	12.7	0.0	34.1



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

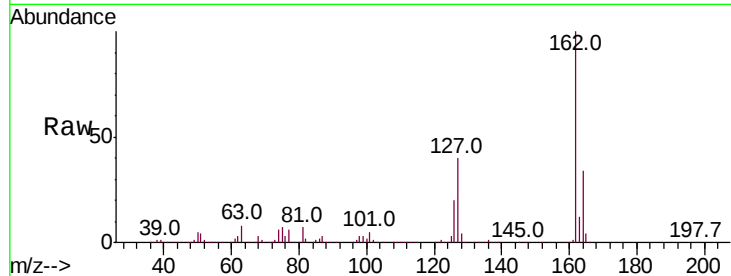




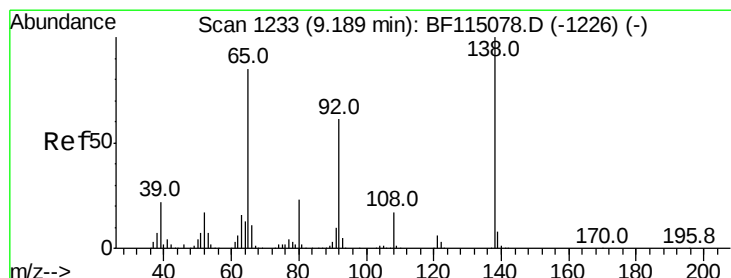
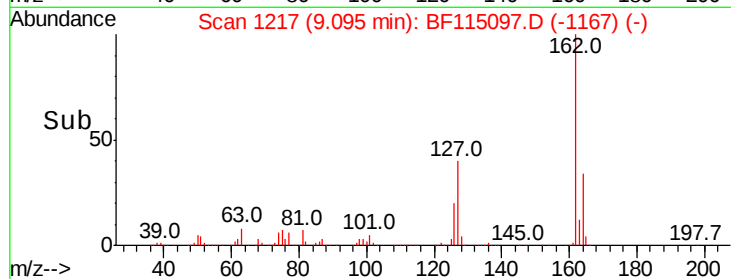
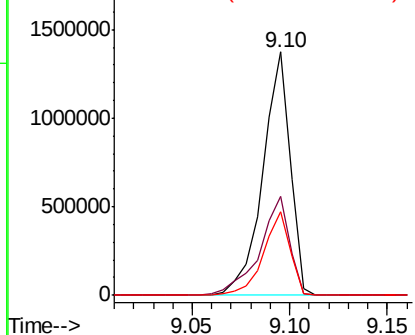
#47
2-Chloronaphthalene
Concen: 43.177 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1335870
Ion Ratio Lower Upper
162 100
127 40.4 30.8 46.2
164 34.2 27.0 40.4

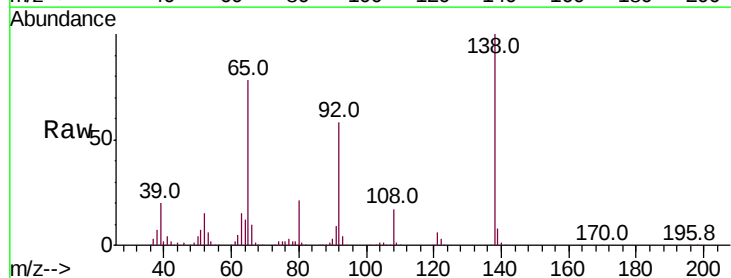


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

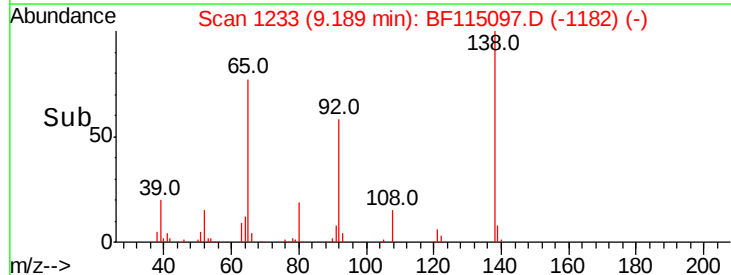
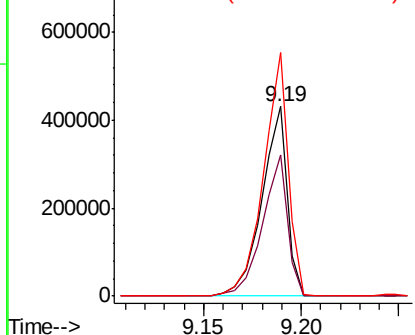


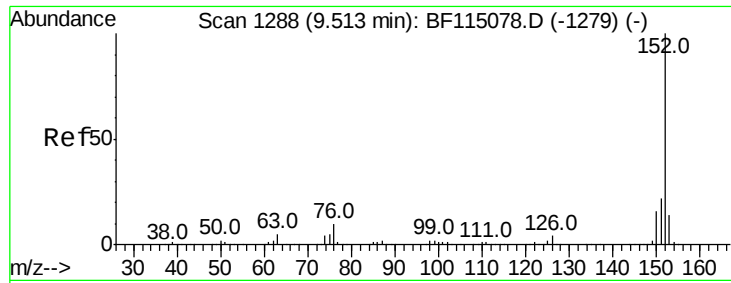
#48
2-Nitroaniline
Concen: 42.828 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion: 65 Resp: 386318
Ion Ratio Lower Upper
65 100
92 74.4 57.4 86.2
138 128.5 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: 43.878 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

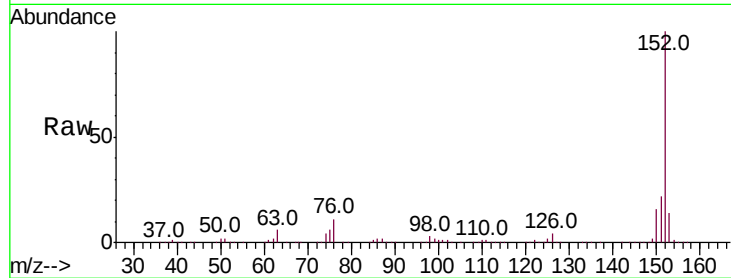
Tot Ion:152 Resp: 2115152

Ion Ratio Lower Upper

152 100

151 22.0 17.2 25.8

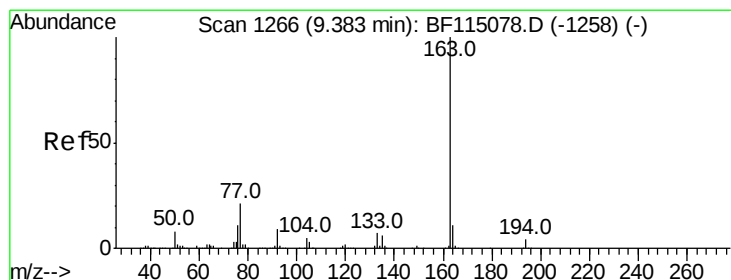
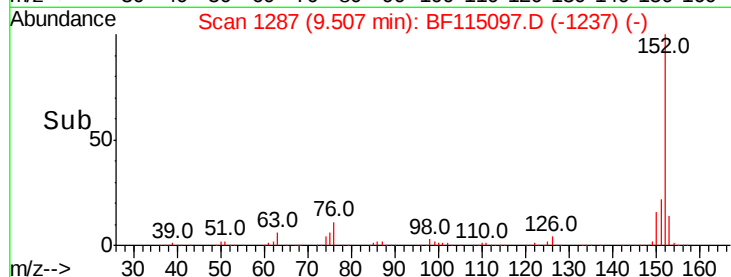
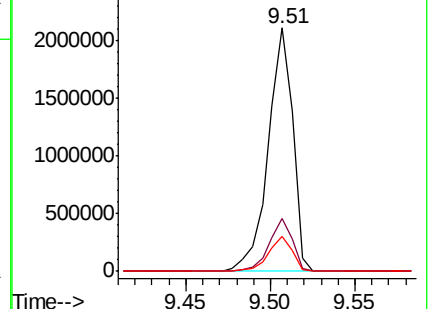
153 14.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.285 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

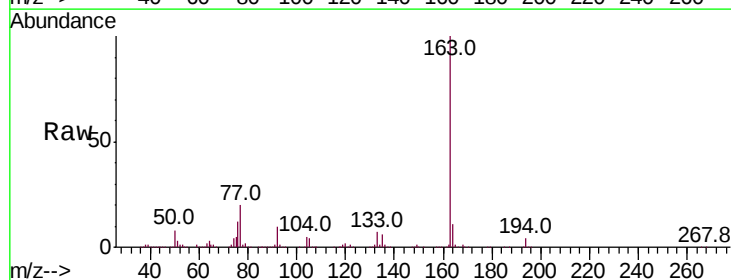
Tgt Ion:163 Resp: 1518061

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

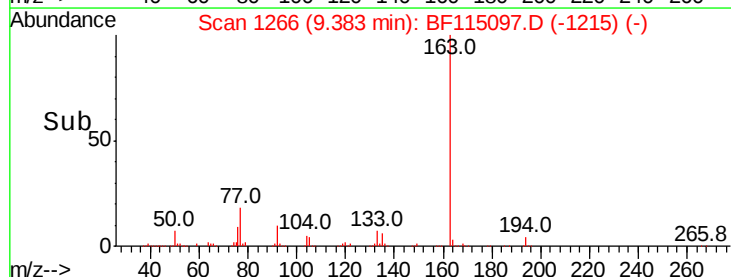
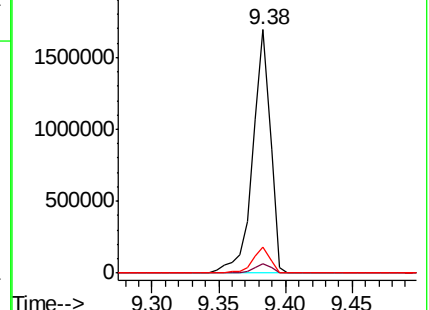
164 10.9 8.6 13.0

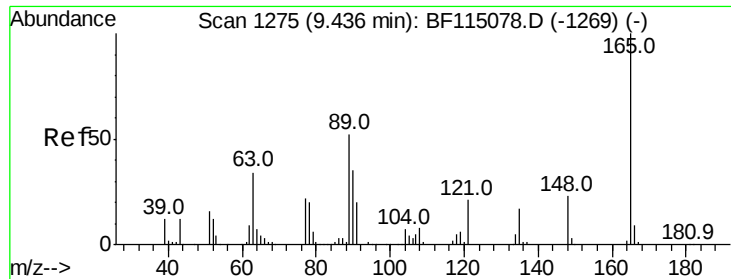


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

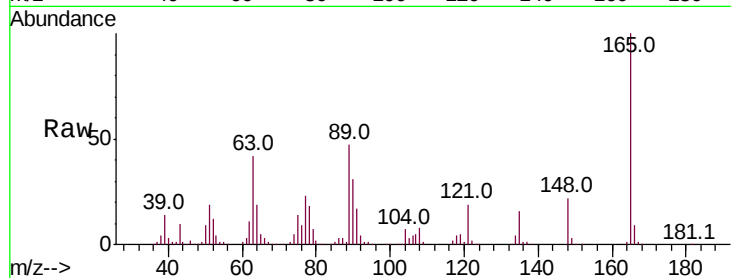




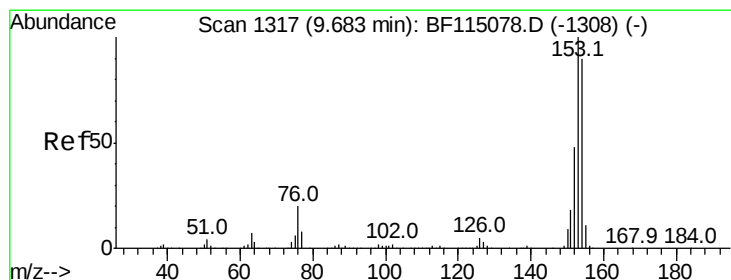
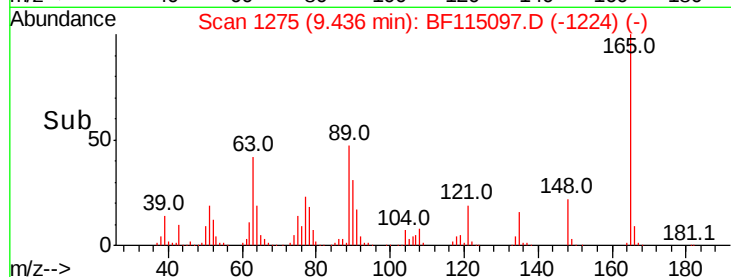
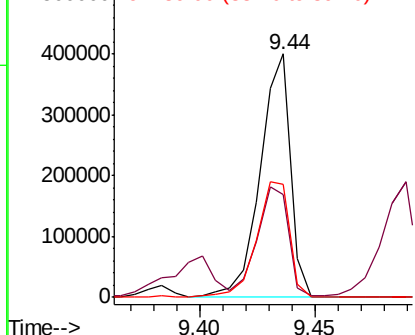
#51
2,6-Dinitrotoluene
Concen: 45.310 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 366874
Ion Ratio Lower Upper
165 100
63 42.1 39.4 59.2
89 46.6 42.0 63.0

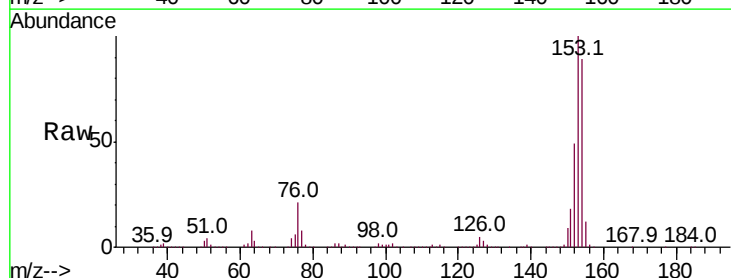


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

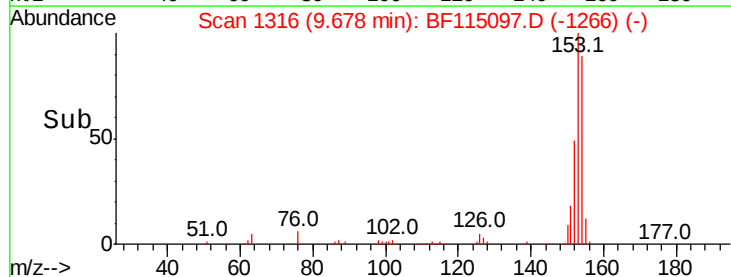
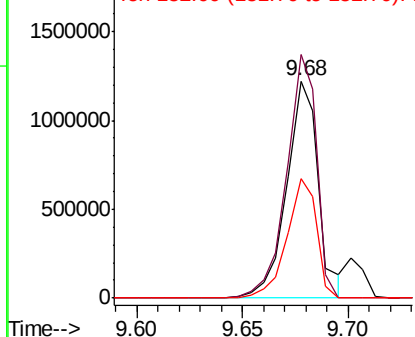


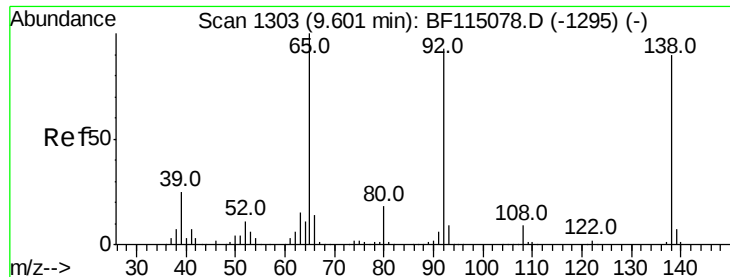
#52
Acenaphthene
Concen: 42.471 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:154 Resp: 1281105
Ion Ratio Lower Upper
154 100
153 112.0 88.7 133.1
152 54.8 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

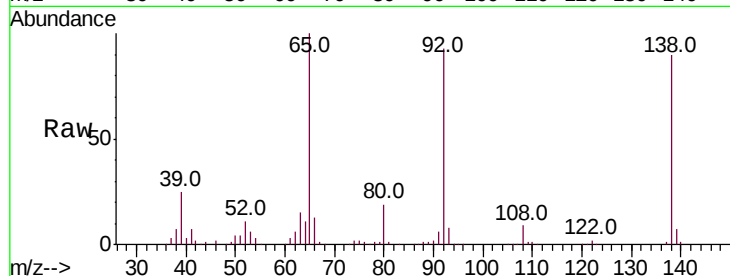




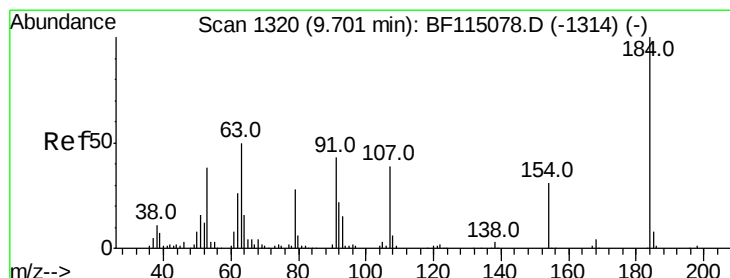
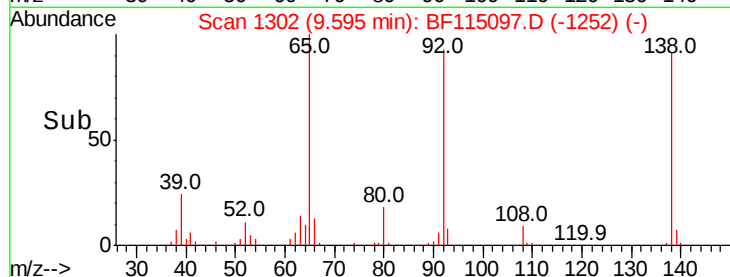
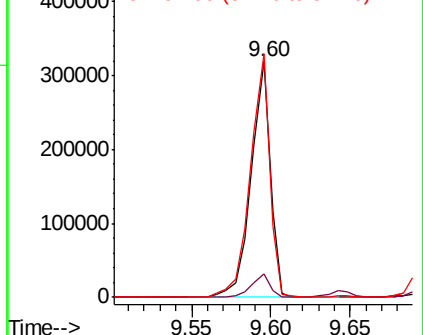
#53
3-Nitroaniline
Concen: 27.148 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 268244
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 103.3 82.9 124.3

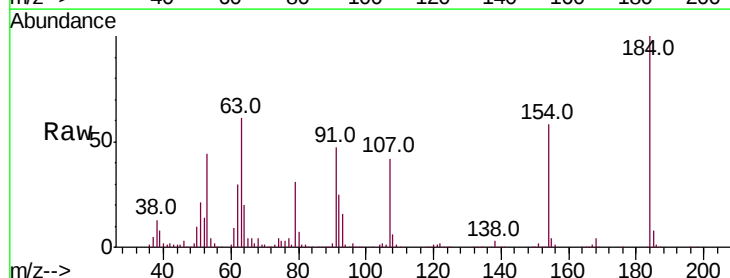


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

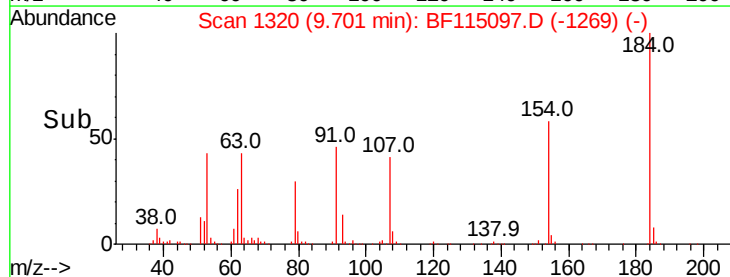
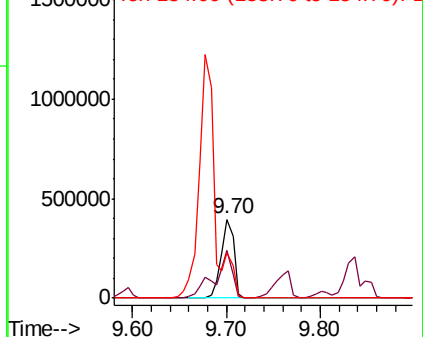


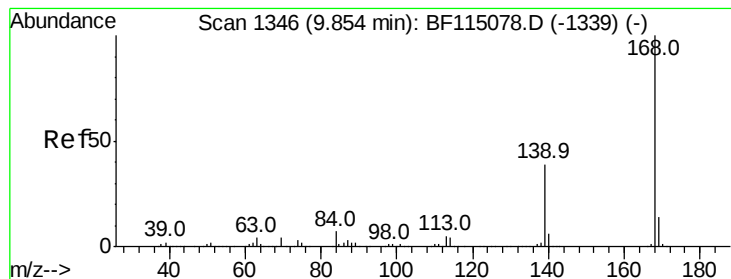
#54
2,4-Dinitrophenol
Concen: 90.501 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:184 Resp: 381487
Ion Ratio Lower Upper
184 100
63 60.9 41.9 62.9
154 57.9 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: 42.198 ng

RT: 9.85 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

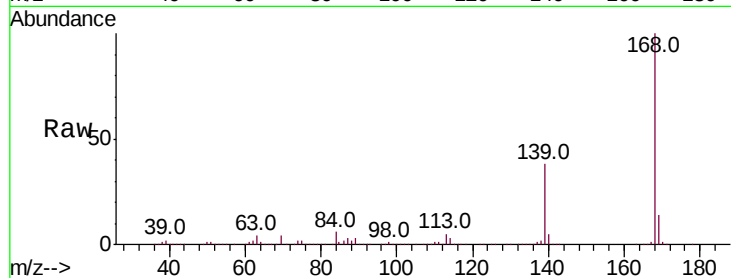
Tot Ion:168 Resp: 1826906

Ion Ratio Lower Upper

168 100

139 38.5 31.1 46.7

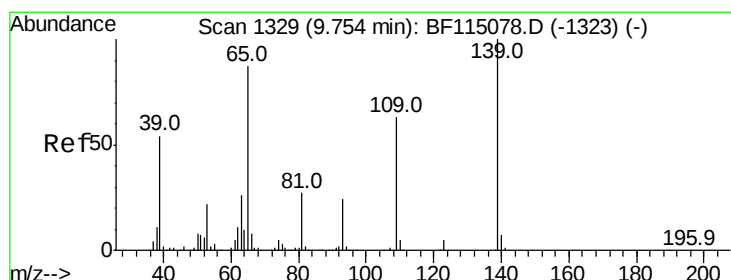
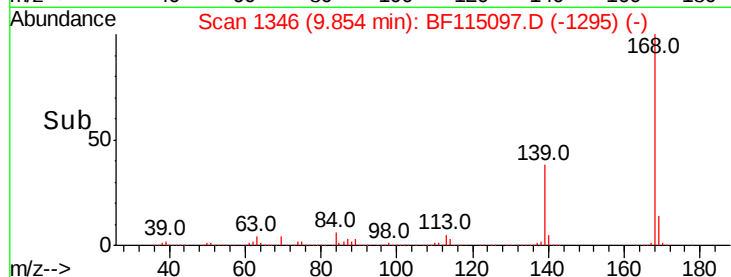
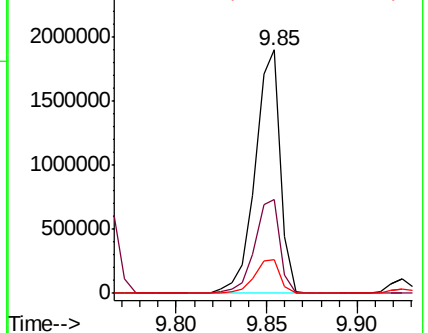
169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.514 ng

RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

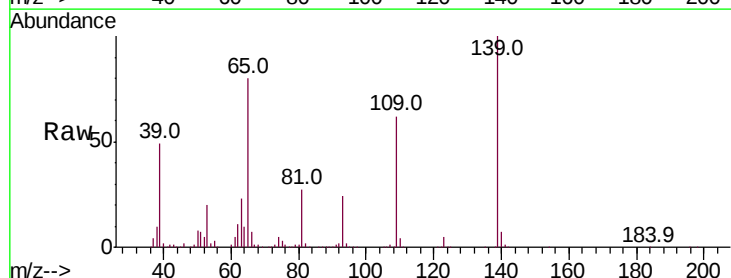
Tgt Ion:139 Resp: 653639

Ion Ratio Lower Upper

139 100

109 62.4 43.0 83.0

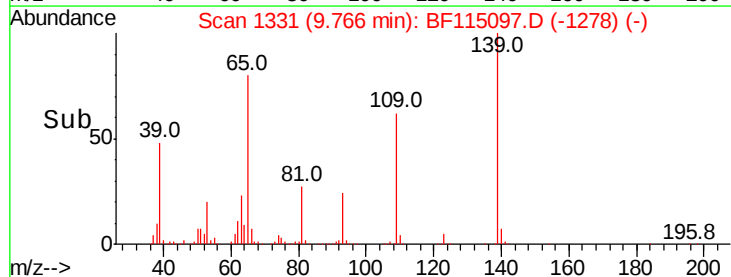
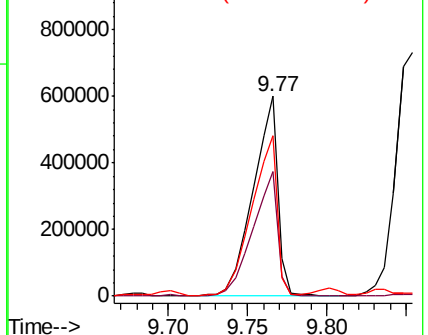
65 80.1 67.0 107.0

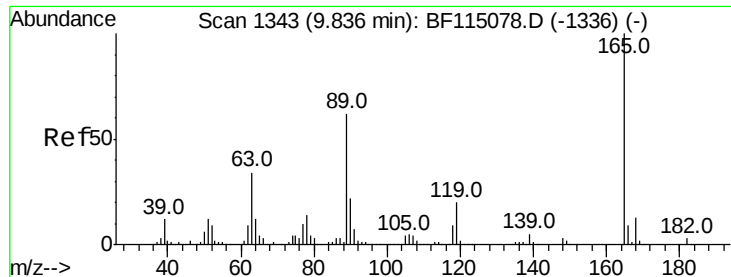


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

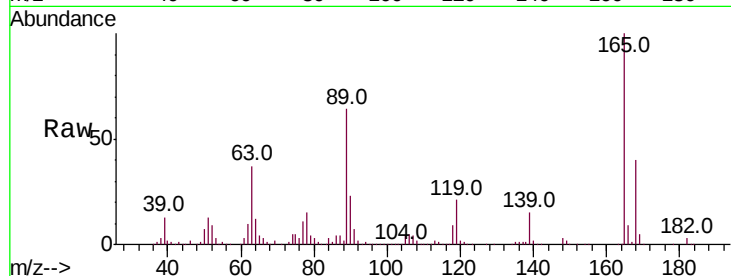




#57
2,4-Dinitrotoluene
Concen: 46.028 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	27.5	41.3
89	64.0	49.9	74.9
182	2.7	2.1	3.1



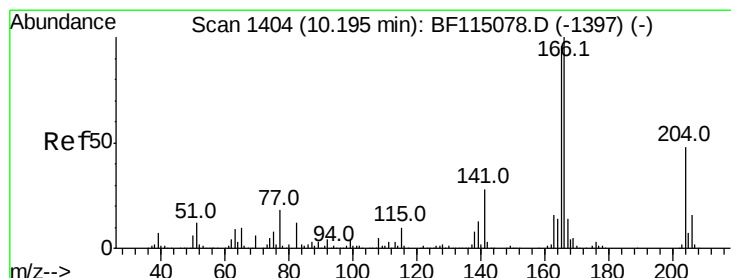
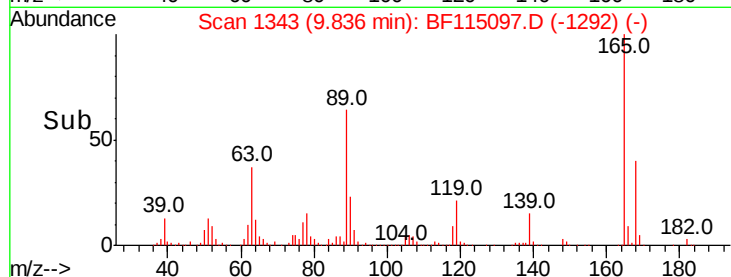
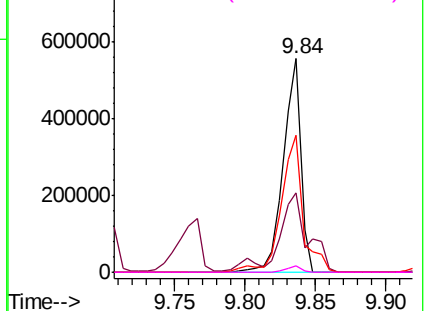
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

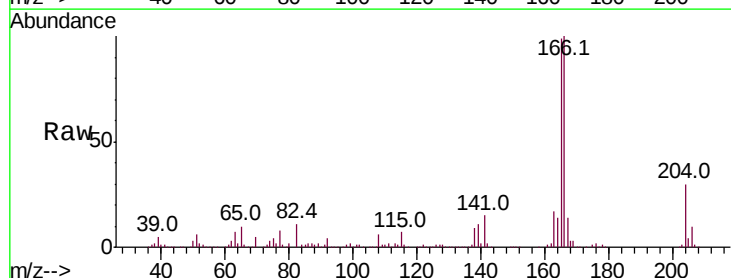
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.062 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.5	114.7
167	13.6	11.0	16.4

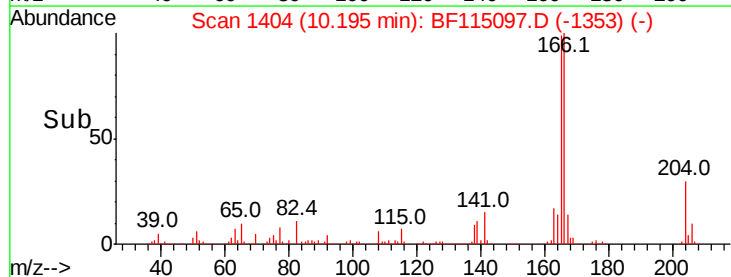
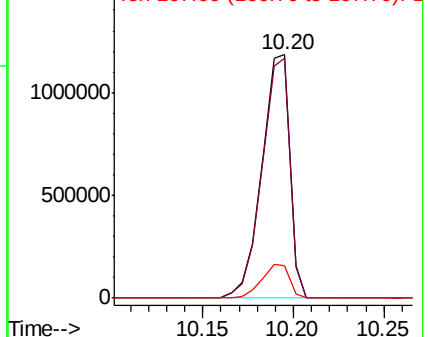


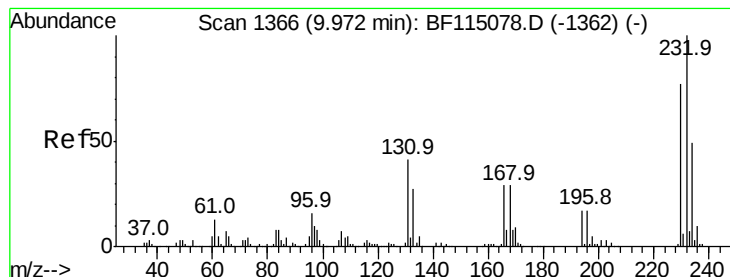
Abundance

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: 46.568 ng

RT: 9.97 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 418195

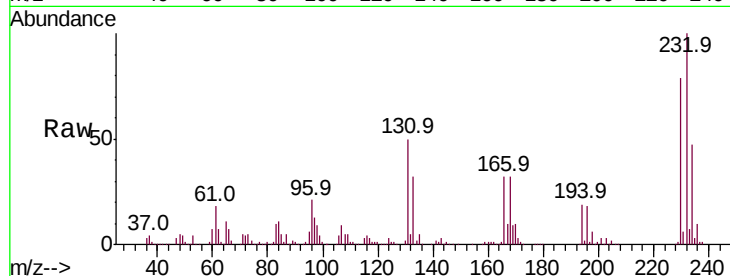
Ion Ratio Lower Upper

232 100

131 46.3 37.4 56.0

130 2.2 1.8 2.6

166 30.5 24.6 36.8

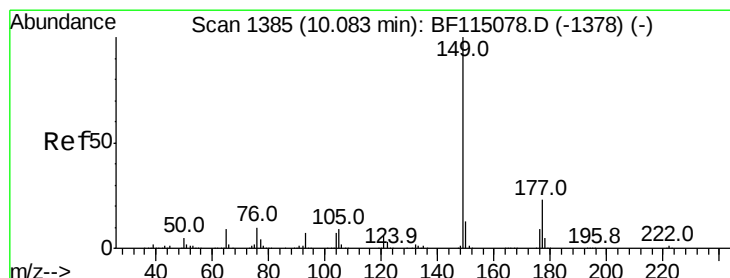
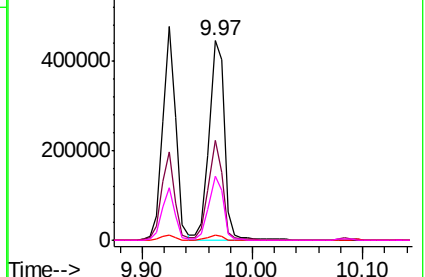
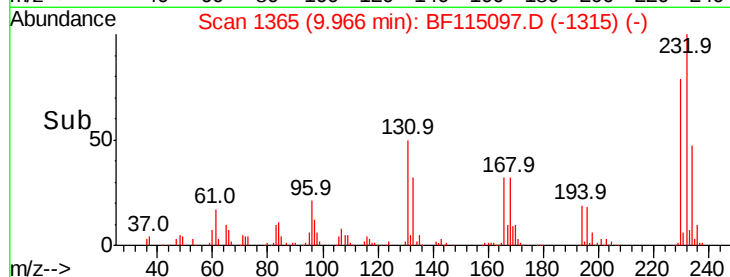


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.790 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

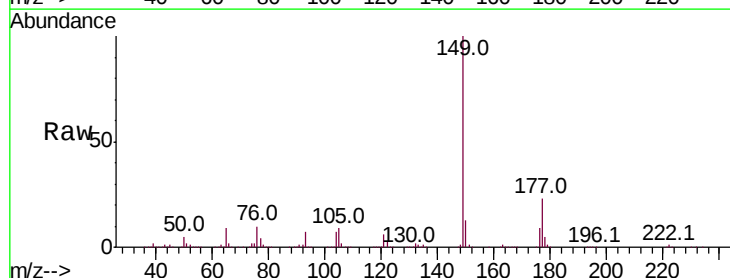
Tgt Ion:149 Resp: 1543777

Ion Ratio Lower Upper

149 100

177 23.2 18.7 28.1

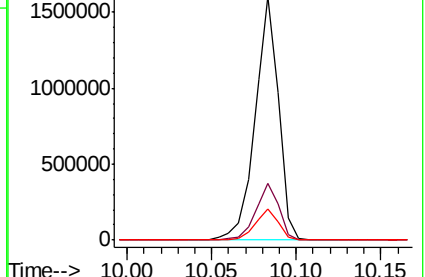
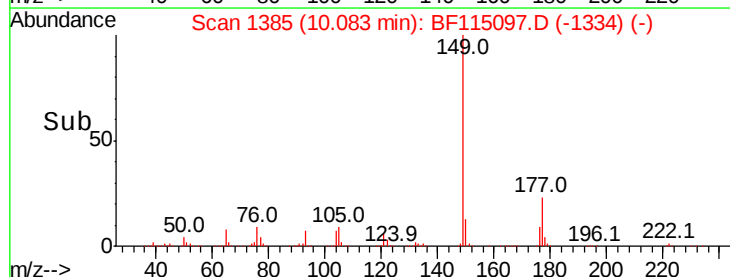
150 13.0 10.4 15.6

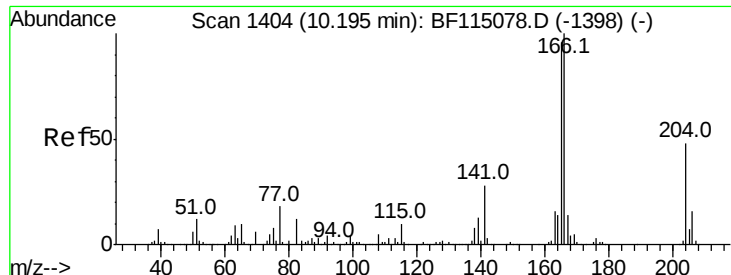


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

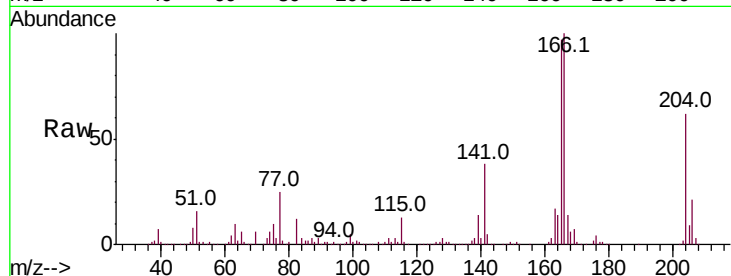




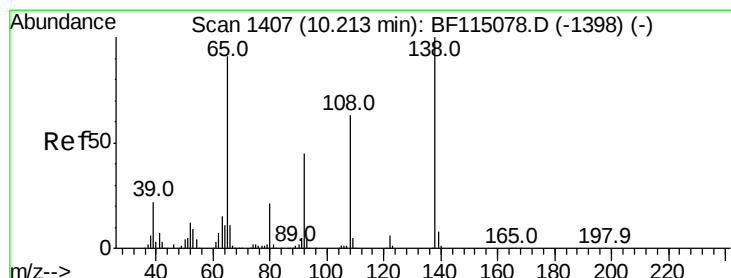
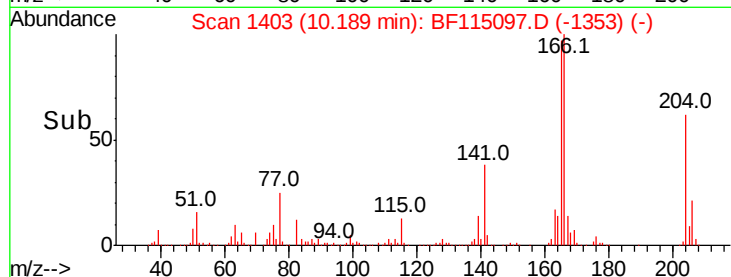
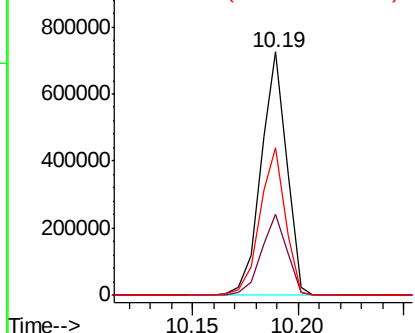
#61
 4-Chlorophenyl-phenylether
 Concen: 44.633 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 612138
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 40.0
 141 60.9 46.7 70.1

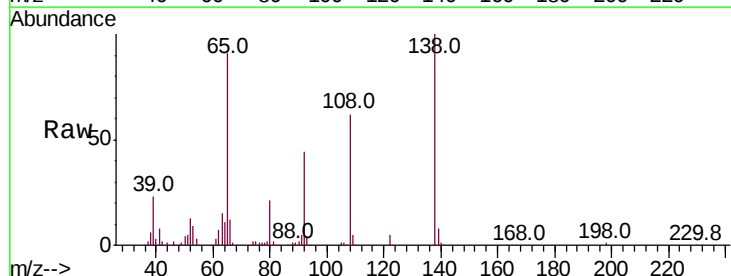


Abundance Ion 204.00 (203.70 to 204.70): E
 1000000
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

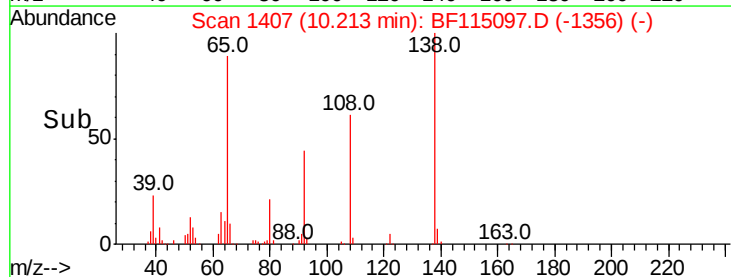
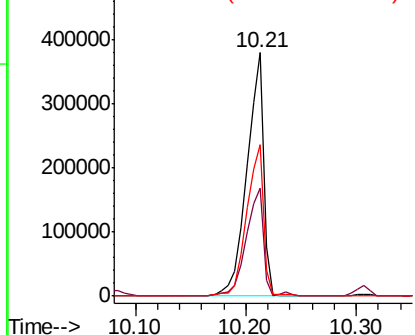


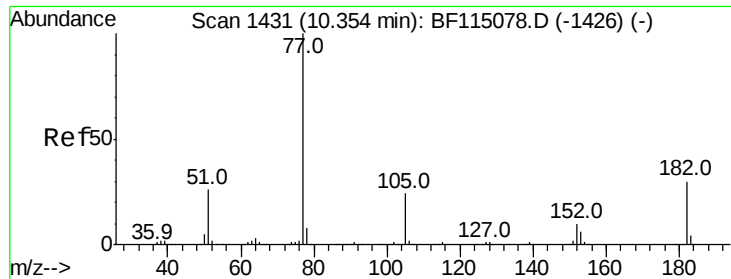
#62
 4-Nitroaniline
 Concen: 41.045 ng
 RT: 10.21 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion:138 Resp: 406859
 Ion Ratio Lower Upper
 138 100
 92 44.4 24.8 64.8
 108 62.4 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
 500000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

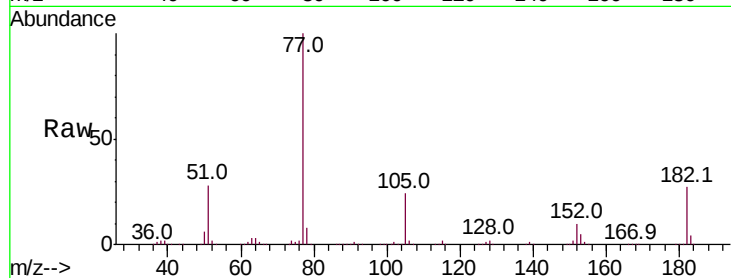




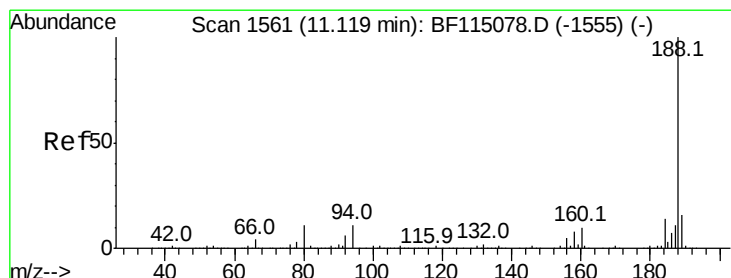
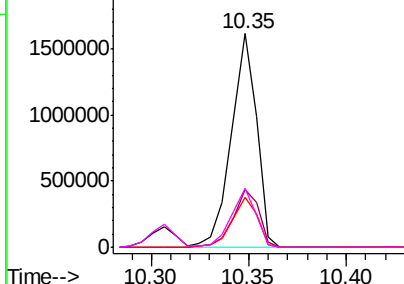
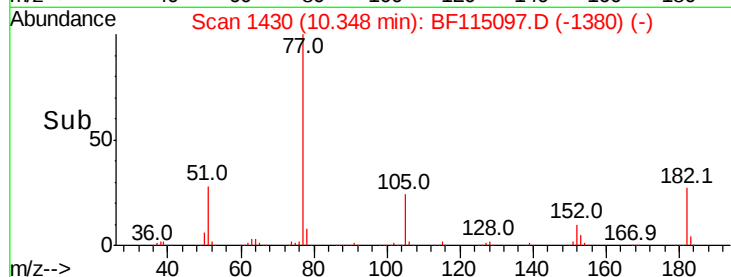
#63
Azobenzene
Concen: 43.857 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1444155
Ion Ratio Lower Upper
77 100
182 27.1 10.1 50.1
105 23.6 4.5 44.5
51 27.5 6.4 46.4

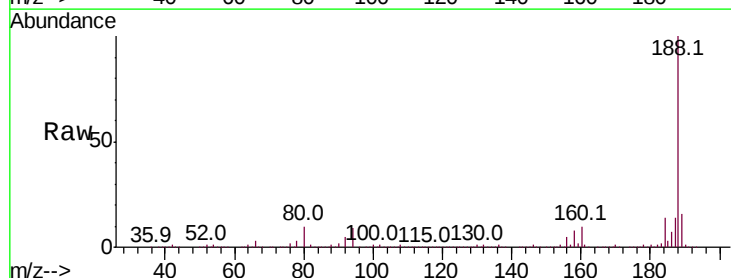


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

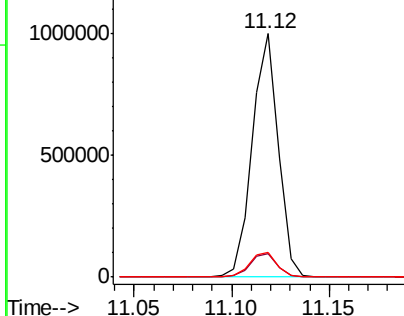
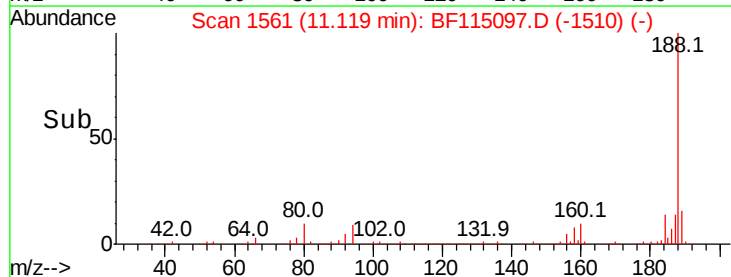


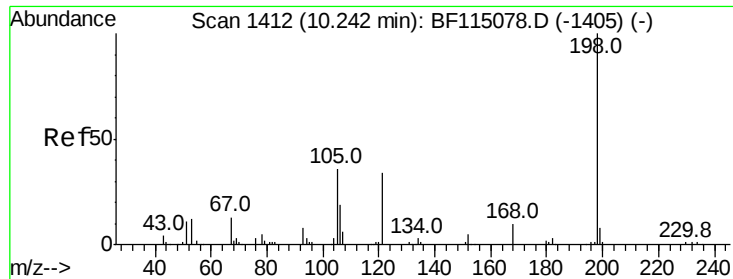
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion: 188 Resp: 919138
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 9.9 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

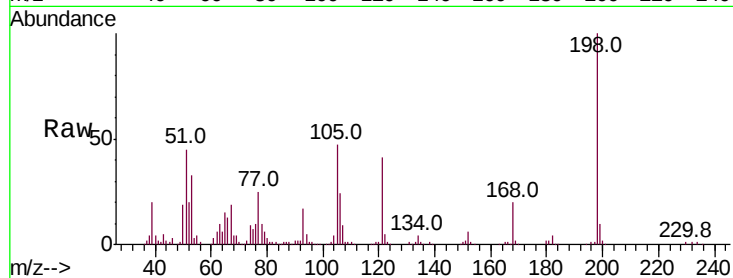




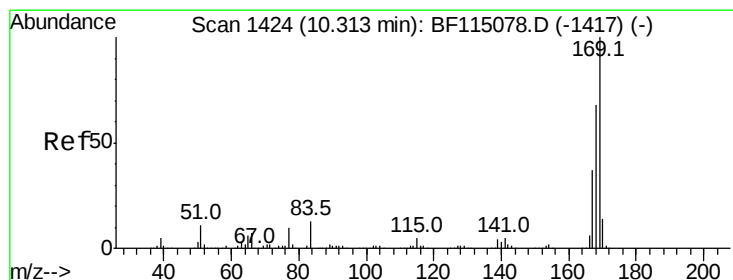
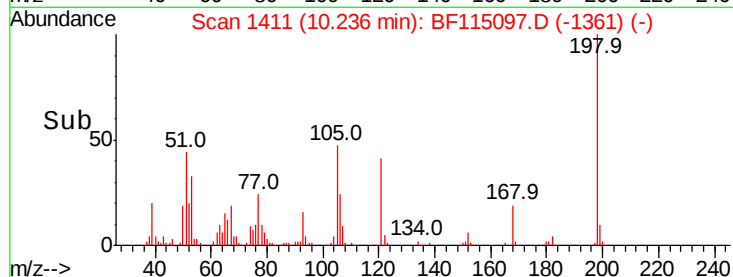
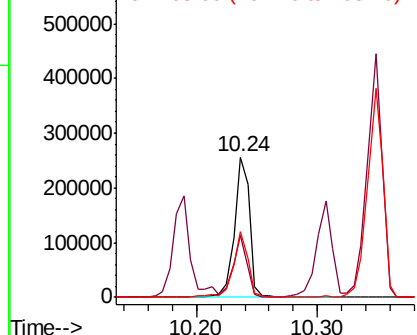
#65
4,6-Dinitro-2-methylphenol
Concen: 46.160 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 224715
Ion Ratio Lower Upper
198 100
51 44.5 11.0 51.0
105 46.7 17.3 57.3

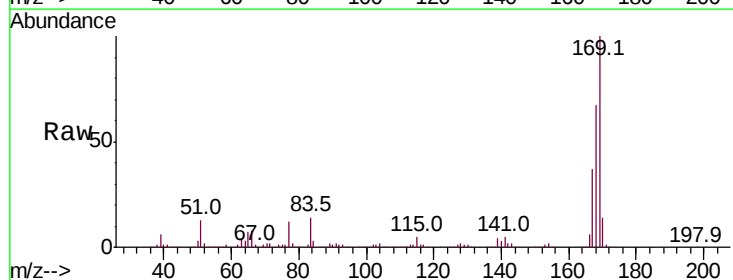


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

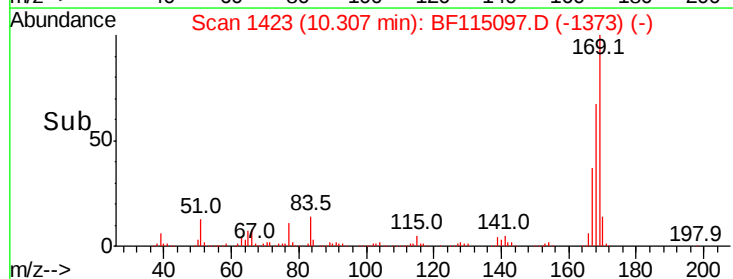
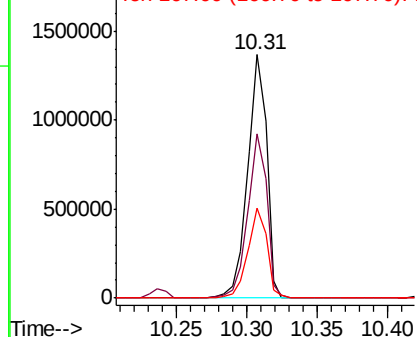


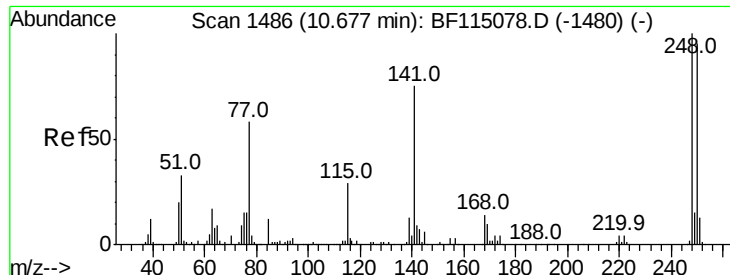
#66
n-Nitrosodiphenylamine
Concen: 45.075 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:169 Resp: 1290752
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.4
167 37.1 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

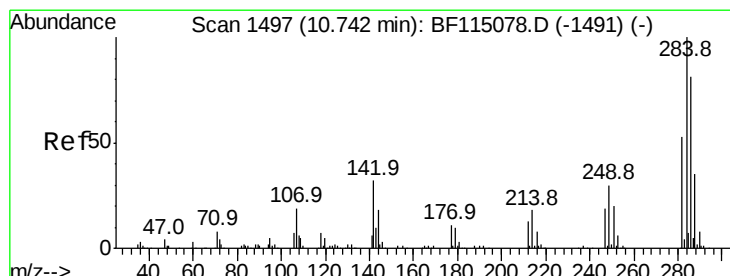
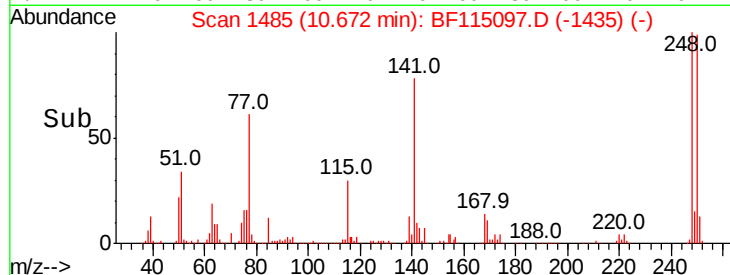
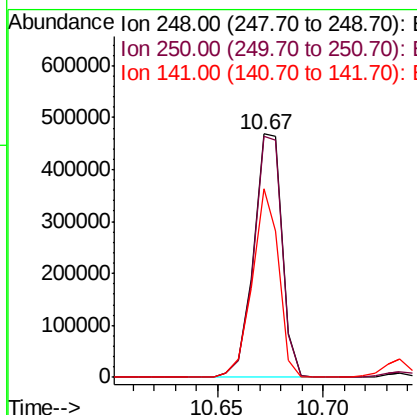
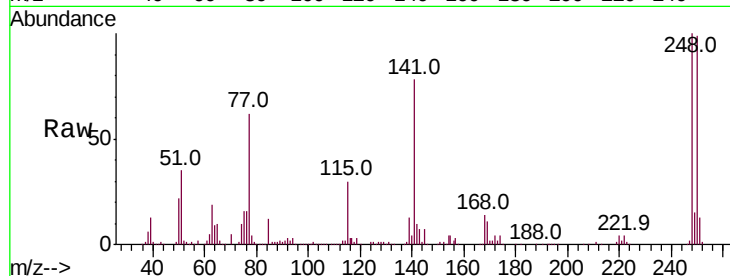




#67
 4-Bromophenyl-phenylether
 Concen: 44.304 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

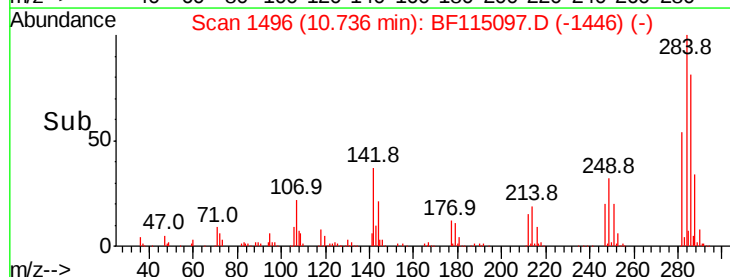
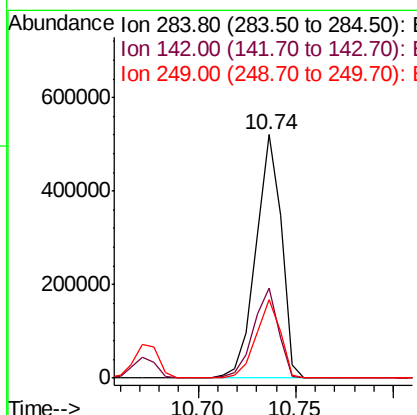
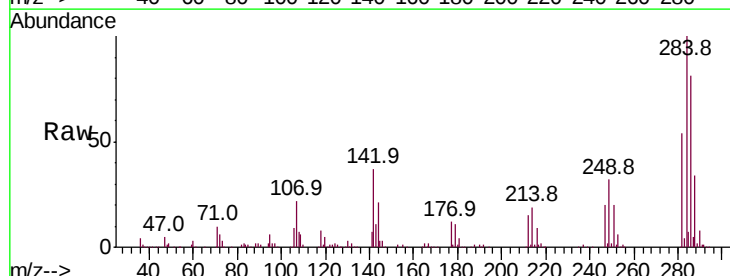
Instrument :
 BNA_F
 ClientSampled :

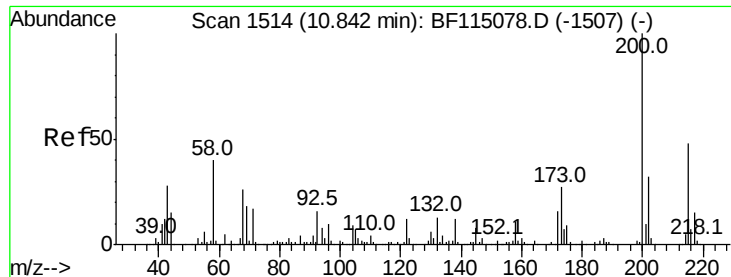
Tot Ion:248 Resp: 441502
 Ion Ratio Lower Upper
 248 100
 250 99.2 76.2 114.2
 141 77.6 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 43.517 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion:284 Resp: 470712
 Ion Ratio Lower Upper
 284 100
 142 37.1 25.8 38.8
 249 32.2 24.2 36.4

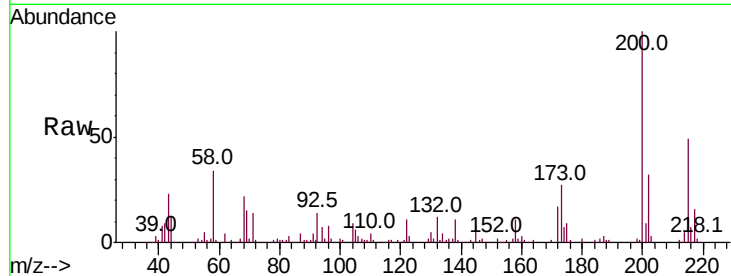




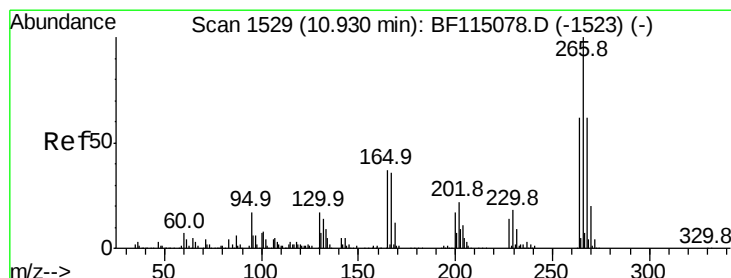
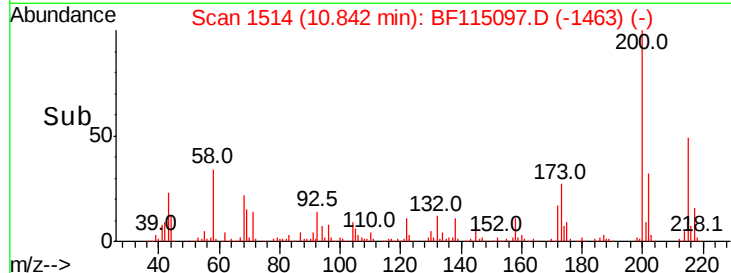
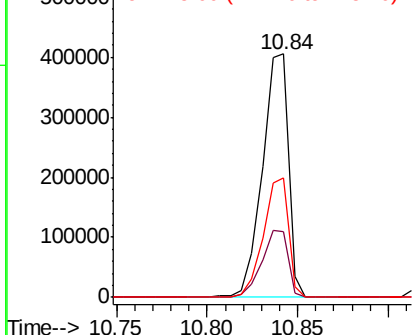
#69
Atrazine
Concen: 44.000 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.4	47.4
215	49.0	27.8	67.8

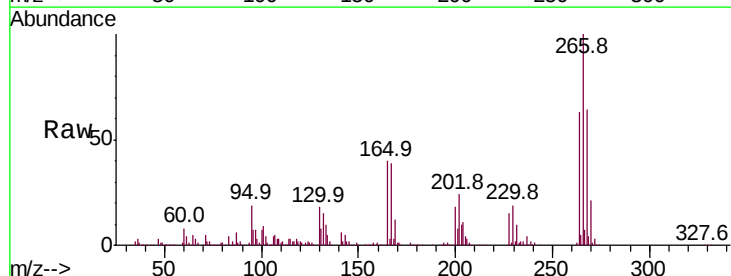


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

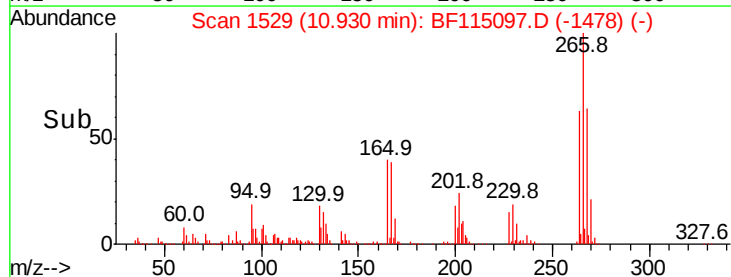
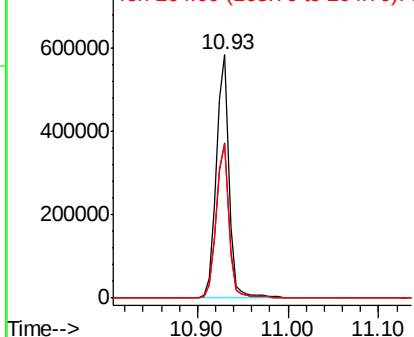


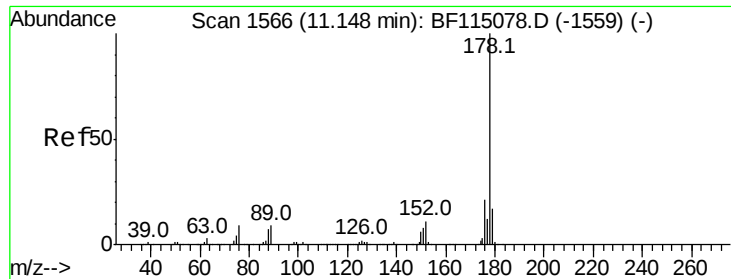
#70
Pentachlorophenol
Concen: 82.198 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.5	74.3
264	63.4	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: 42.101 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

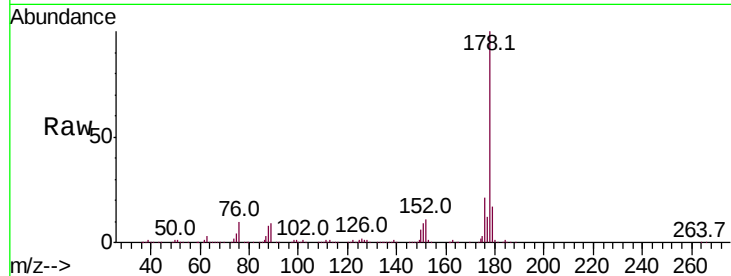
Tot Ion:178 Resp: 2083461

Ion Ratio Lower Upper

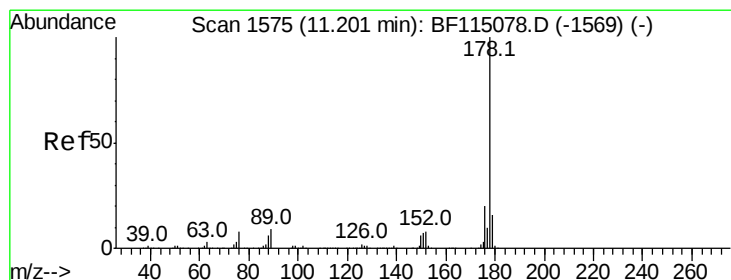
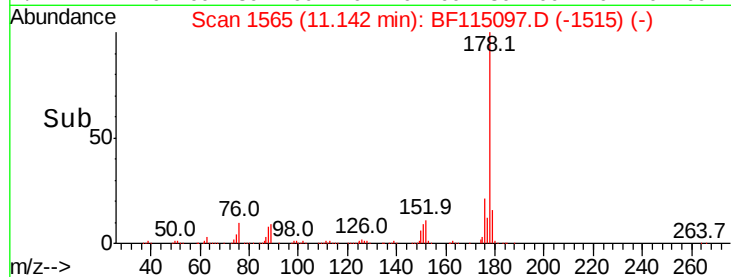
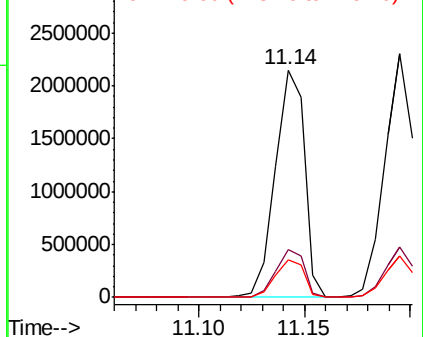
178 100

176 21.1 16.9 25.3

179 16.5 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: 43.112 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

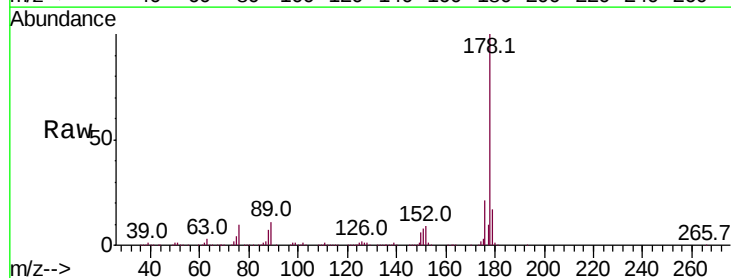
Tgt Ion:178 Resp: 2153637

Ion Ratio Lower Upper

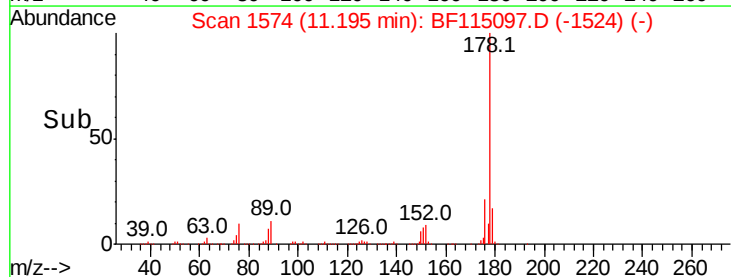
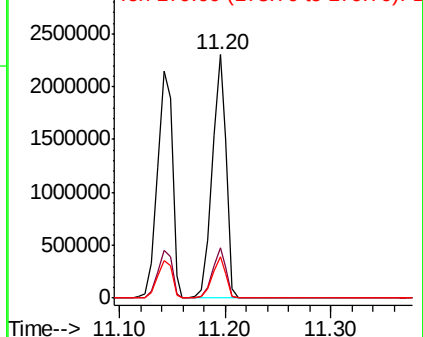
178 100

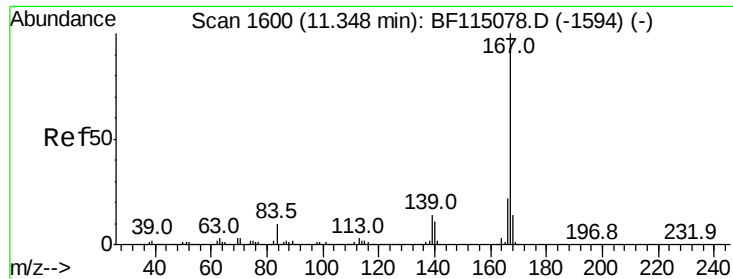
176 20.7 16.1 24.1

179 16.8 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



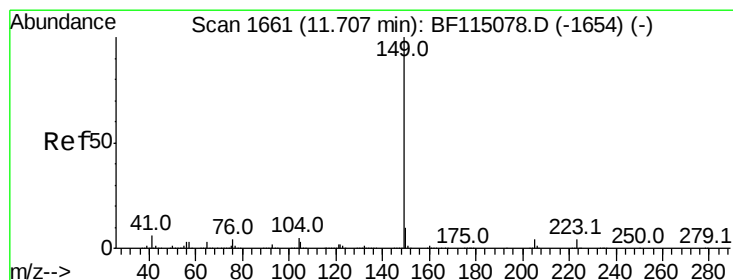
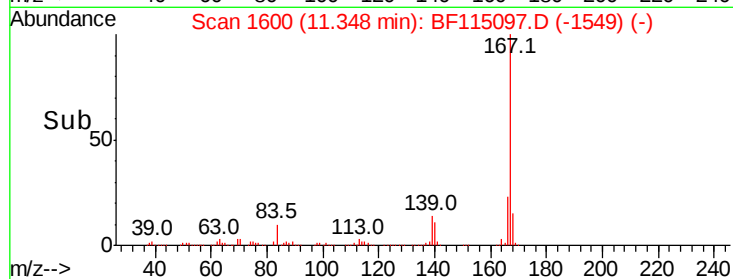
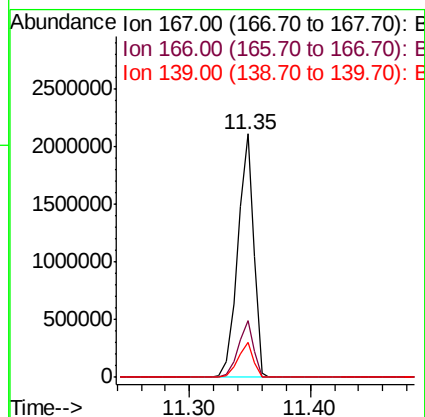
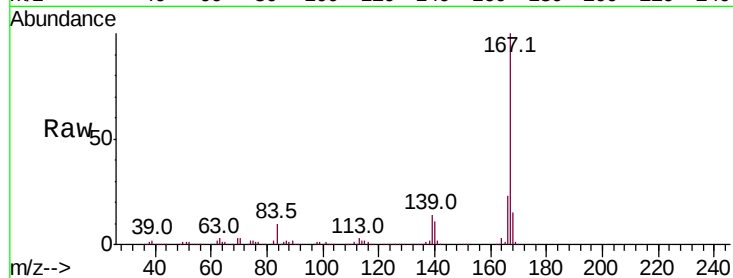


#73
 Carbazole
 Concen: 43.279 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1930570

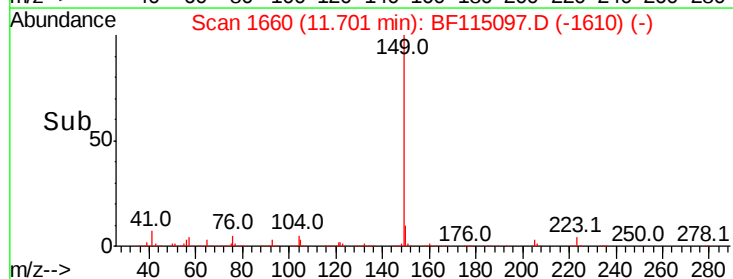
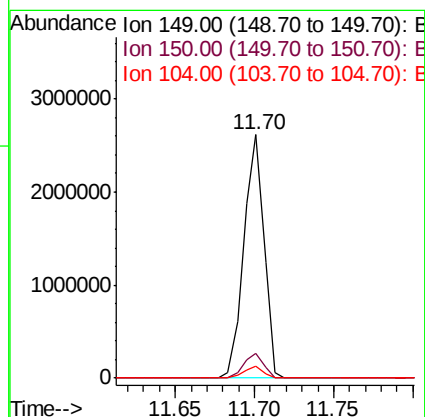
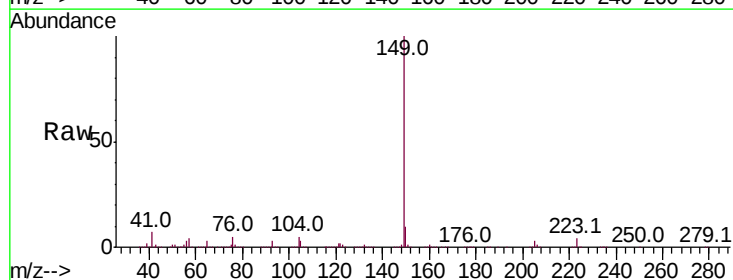
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.5	11.1	16.7

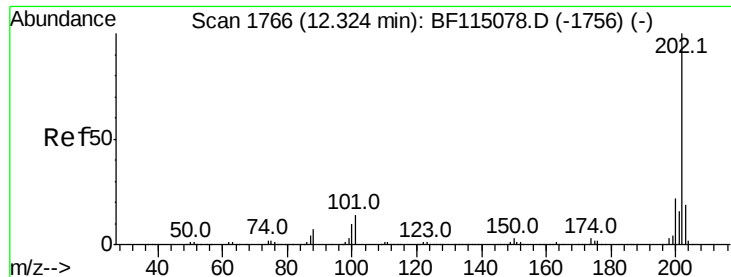


#74
 Di-n-butylphthalate
 Concen: 44.369 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion:149 Resp: 2287088

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.8
104	5.1	3.7	5.5

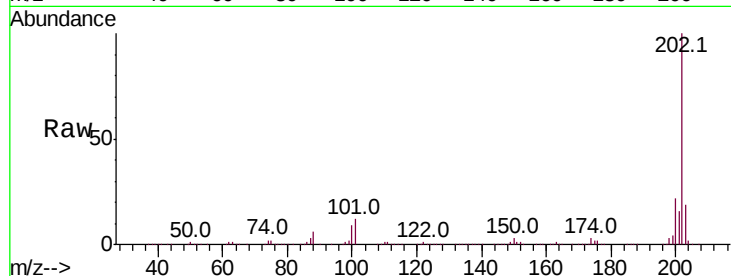




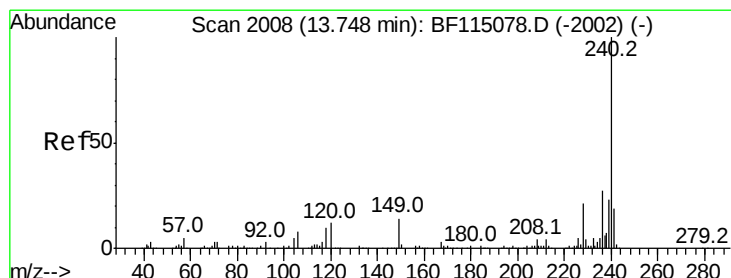
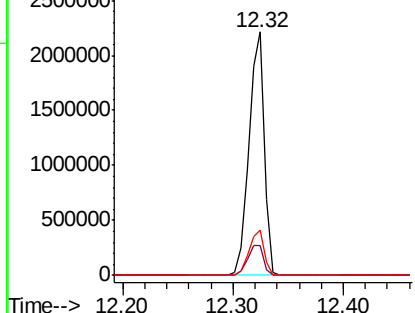
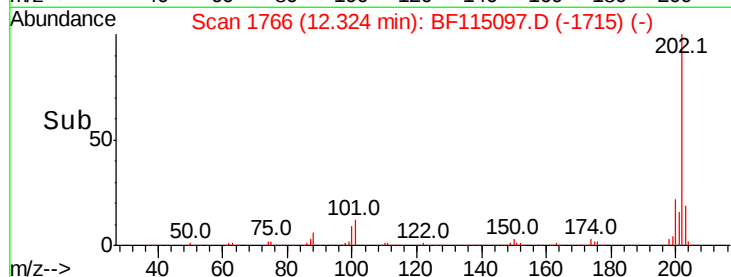
#75
 Fluoranthene
 Concen: 43.395 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 2142649
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 34.0
 203 18.7 0.0 38.8

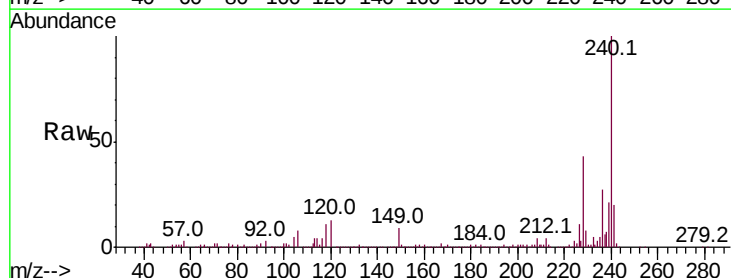


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

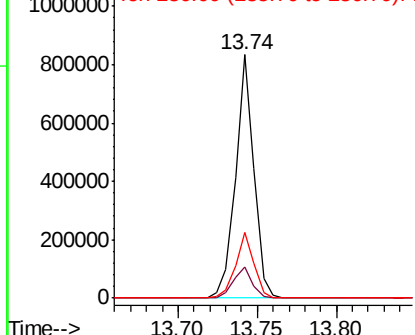
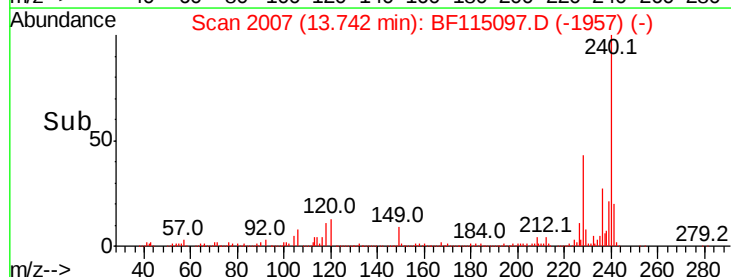


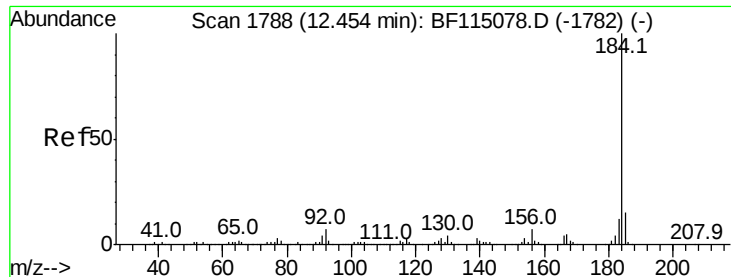
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion:240 Resp: 669873
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.4 14.2
 236 27.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.634 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

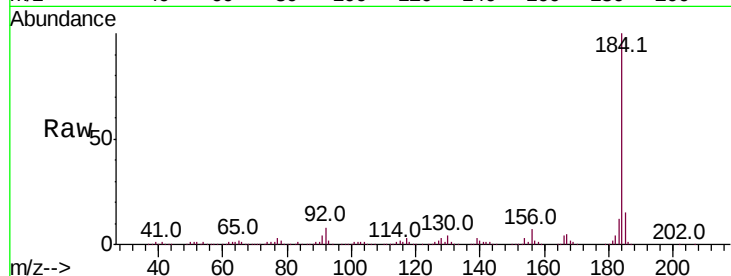
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1000437

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	11.7	9.6	14.4

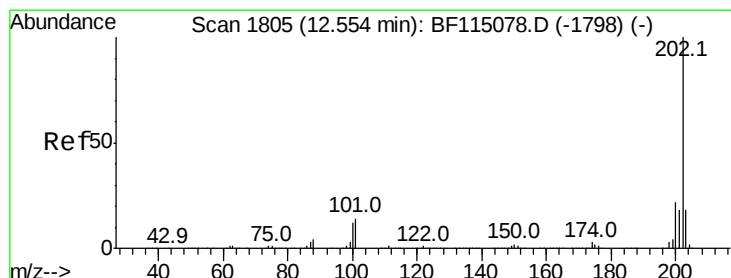
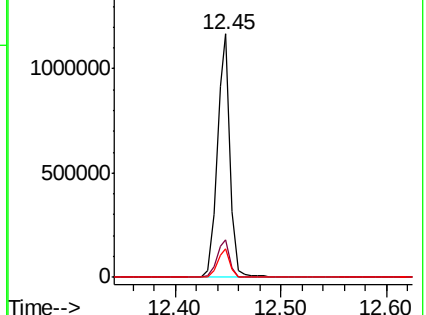
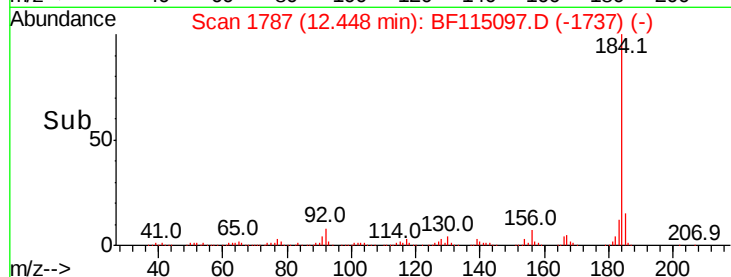


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.670 ng

RT: 12.55 min Scan# 1804

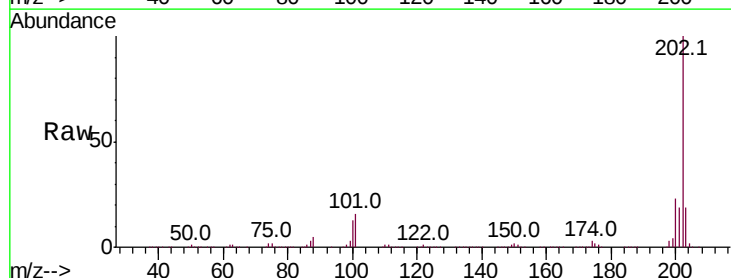
Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:202 Resp: 2196681

Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.9	26.9
203	19.1	14.6	21.8

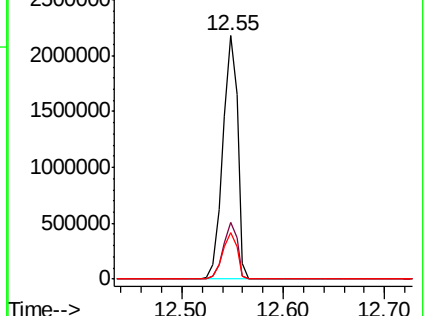
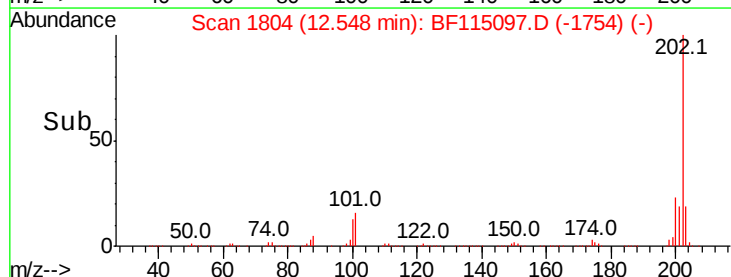


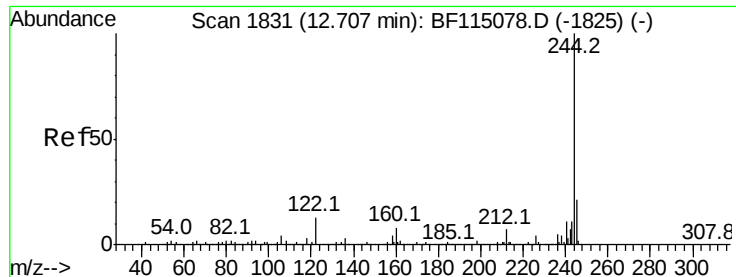
Abundance

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: 81.828 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

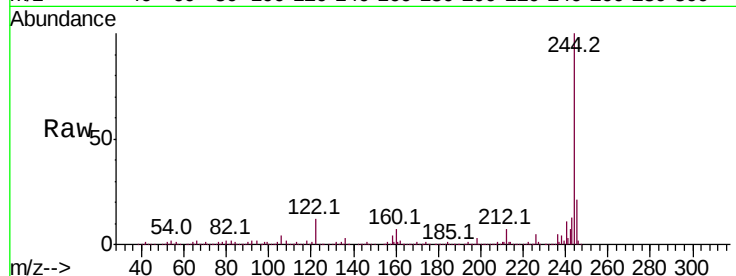
Tot Ion:244 Resp: 2578086

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	12.2	10.4	15.6

244 100

212 7.3 5.8 8.6

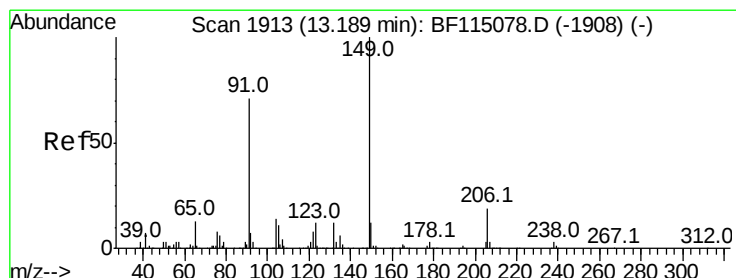
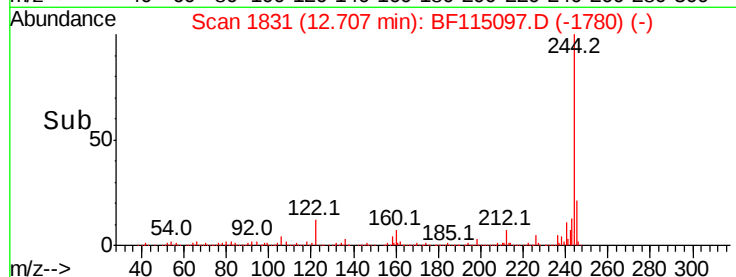
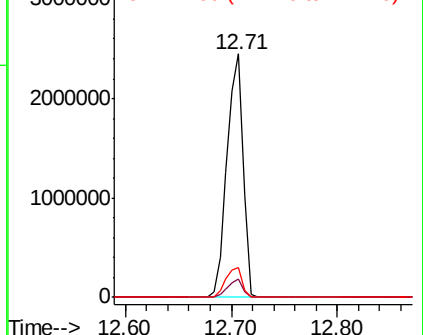
122 12.2 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.506 ng

RT: 13.19 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

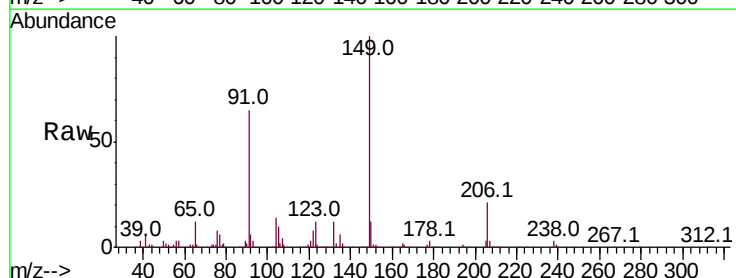
Tgt Ion:149 Resp: 1033833

Ion	Ratio	Lower	Upper
149	100		
91	65.3	56.5	84.7
206	21.0	15.3	22.9

149 100

91 65.3 56.5 84.7

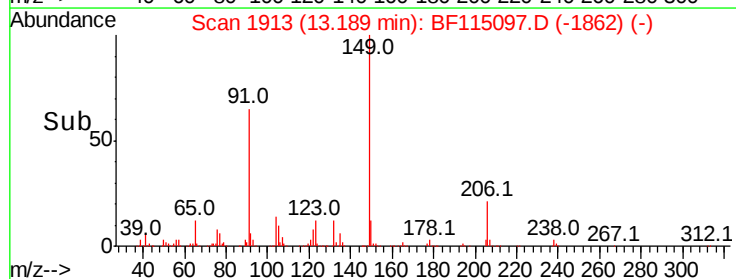
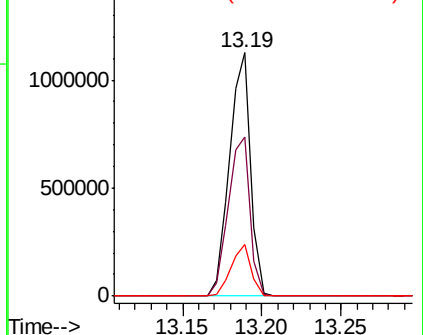
206 21.0 15.3 22.9

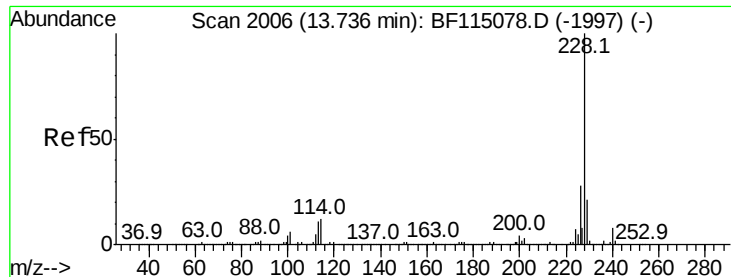


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.889 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

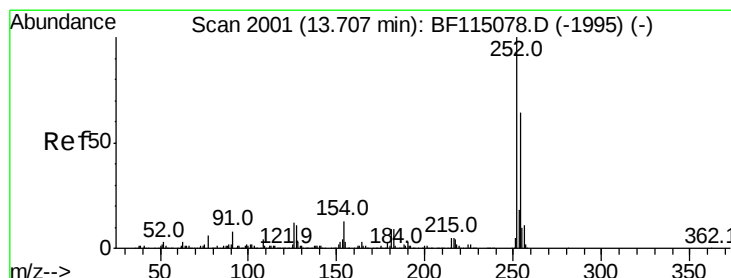
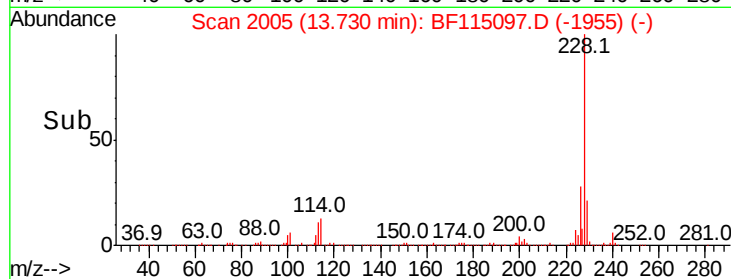
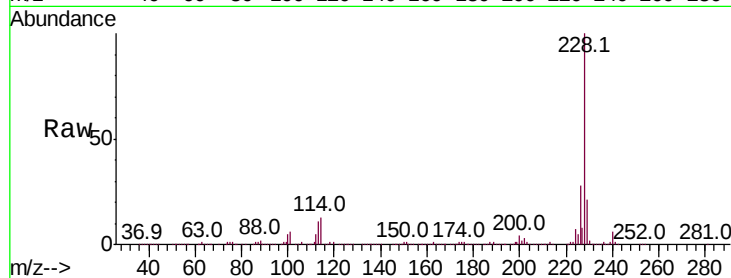
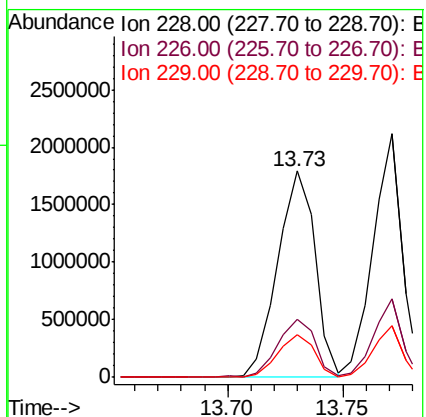
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 2013425

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.7	16.6	24.8



#82

3,3'-Dichlorobenzidine

Concen: 30.923 ng

RT: 13.70 min Scan# 2000

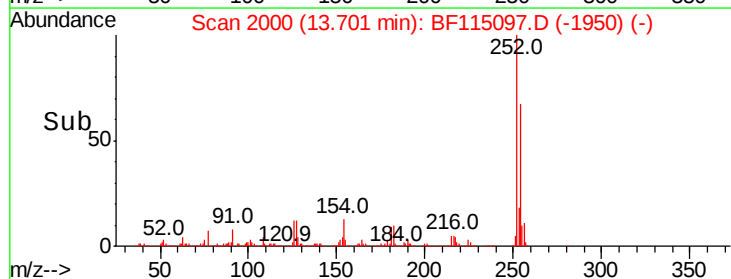
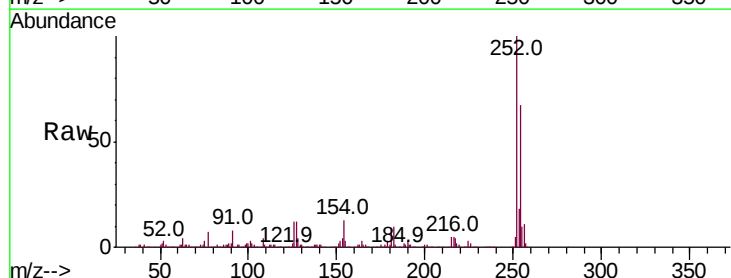
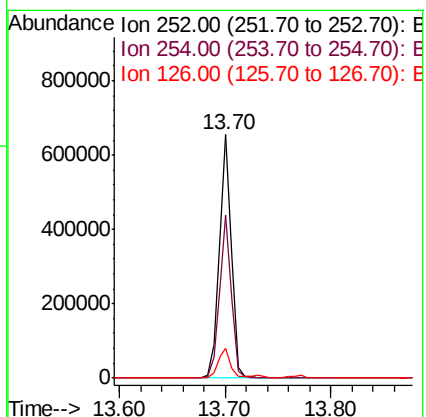
Delta R.T. -0.01 min

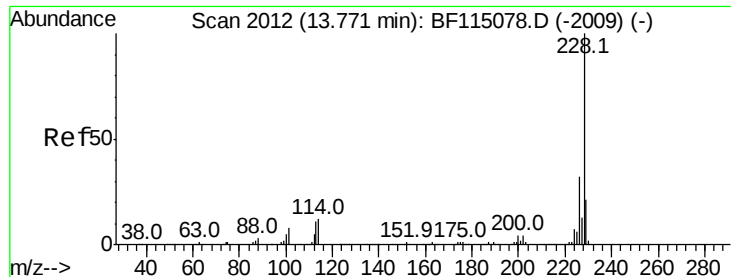
Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:252 Resp: 536733

Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.1	76.7
126	12.2	9.4	14.0





#83

Chrysene

Concen: 41.893 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

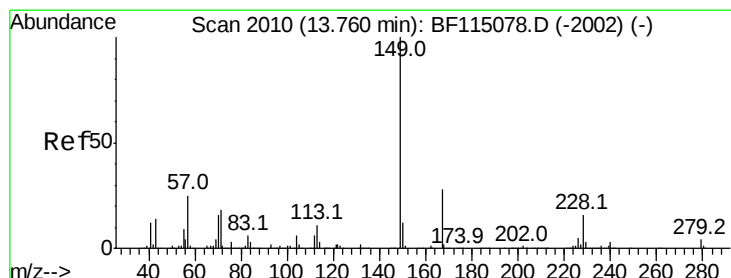
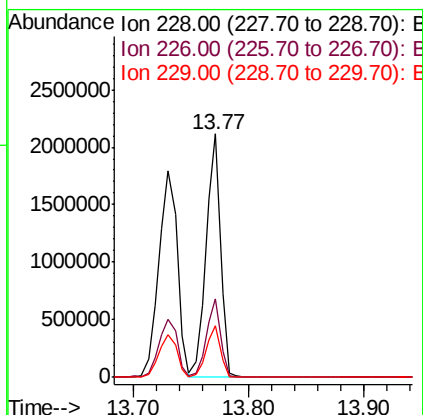
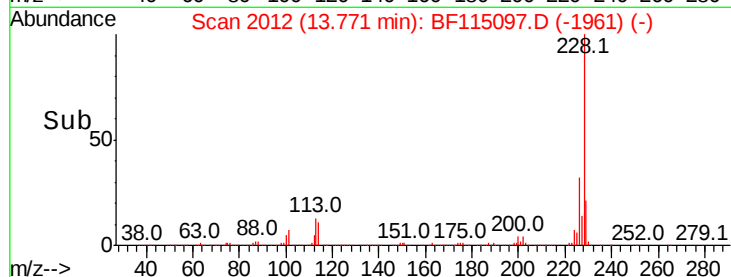
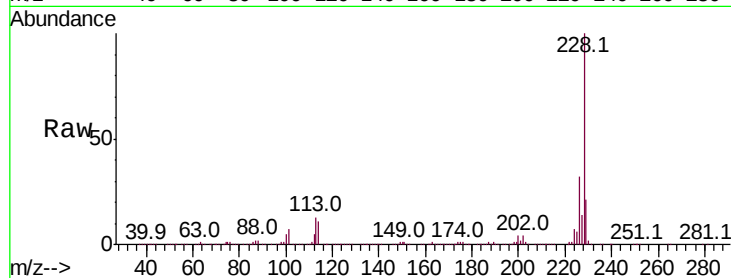
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1844526

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.4	38.0
229	21.2	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.329 ng

RT: 13.75 min Scan# 2009

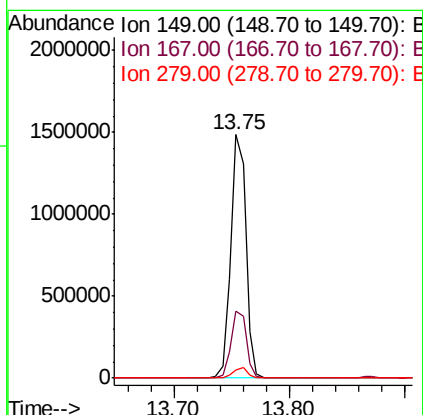
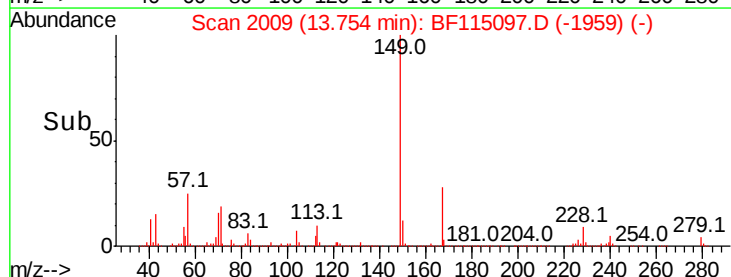
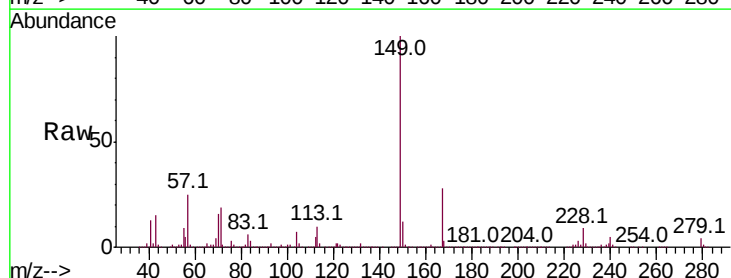
Delta R.T. -0.01 min

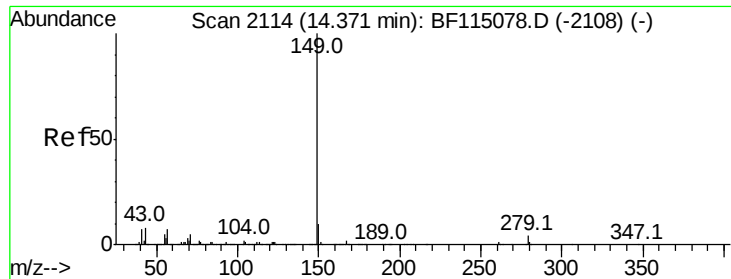
Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:149 Resp: 1349396

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	3.6	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 46.749 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

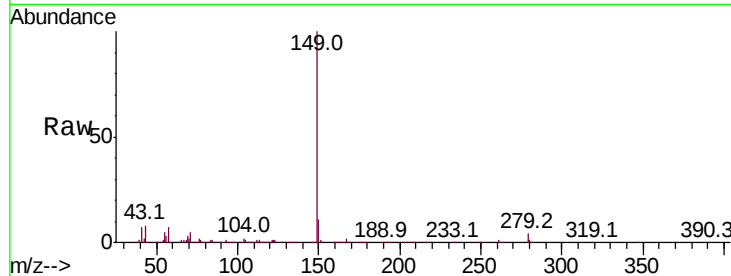
Tot Ion:149 Resp: 2338201

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

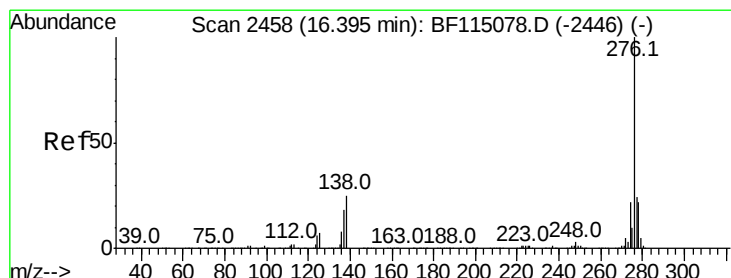
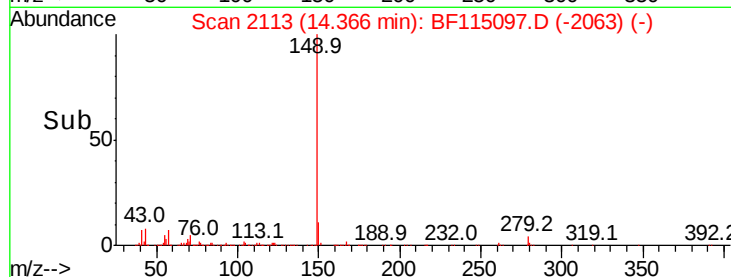
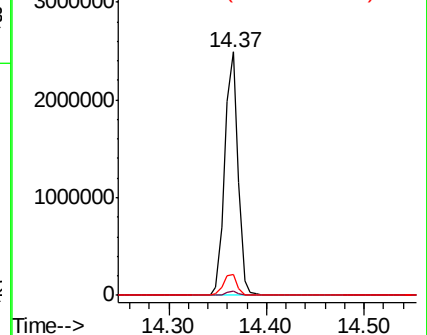
43 8.9 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.024 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

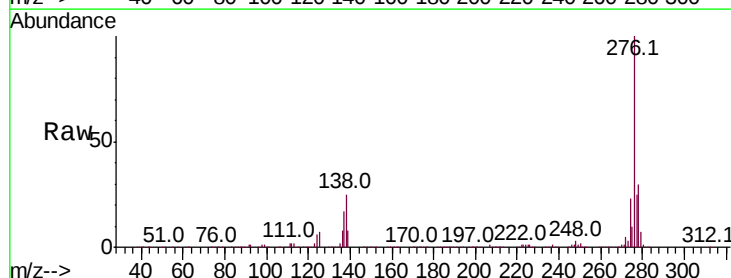
Tgt Ion:276 Resp: 2345732

Ion Ratio Lower Upper

276 100

138 29.0 23.2 34.8

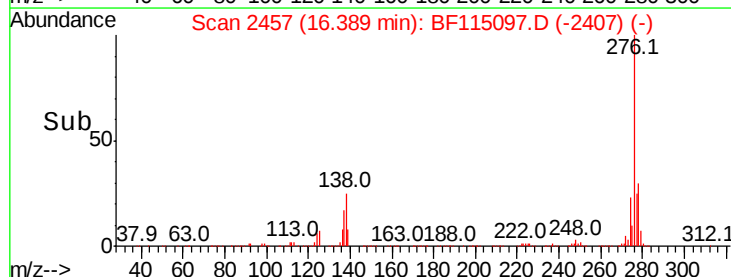
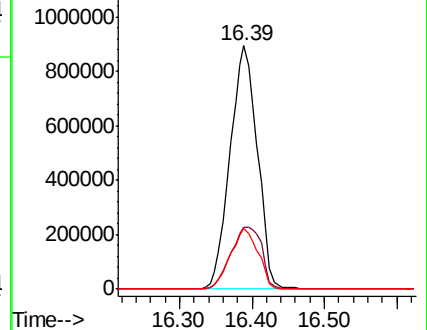
277 25.5 20.1 30.1

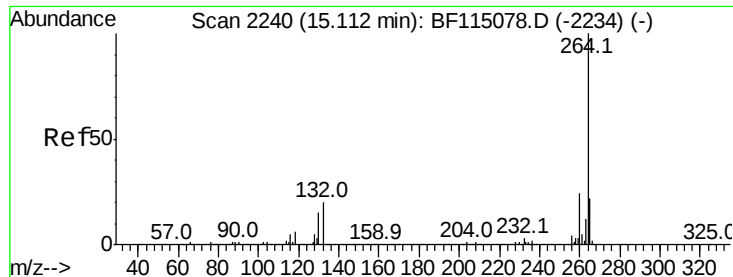


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampled :

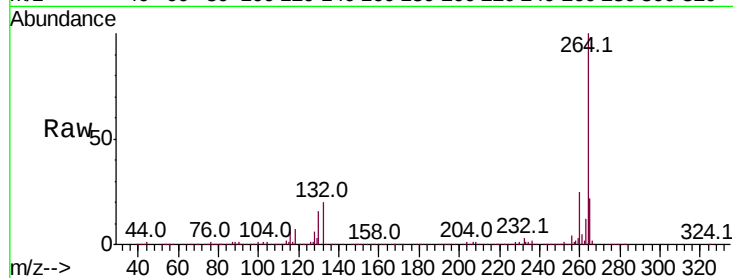
Tot Ion:264 Resp: 777870

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

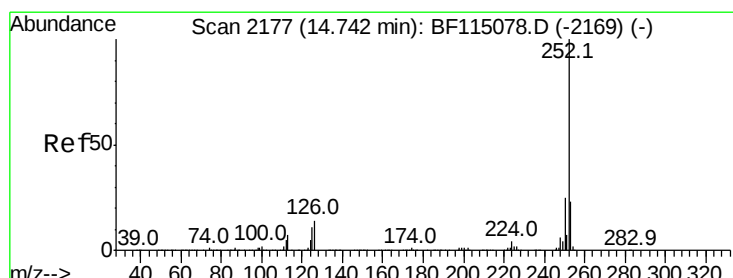
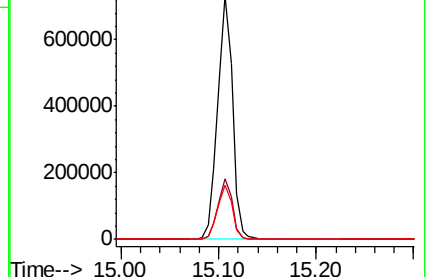
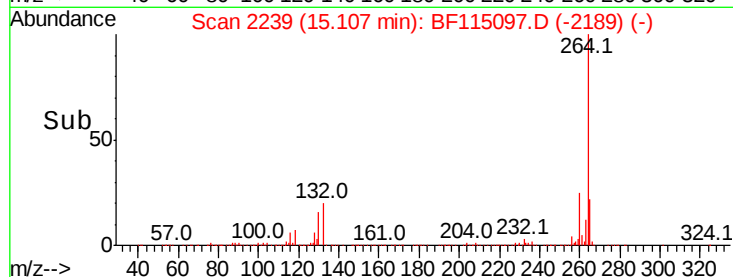
265 22.1 17.3 25.9



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: 44.792 ng

RT: 14.74 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

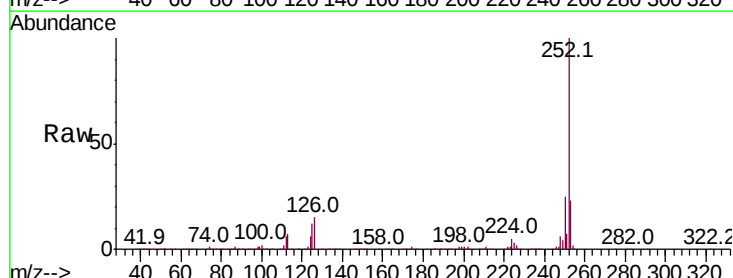
Tgt Ion:252 Resp: 2174079

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

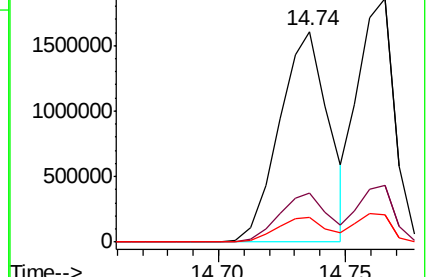
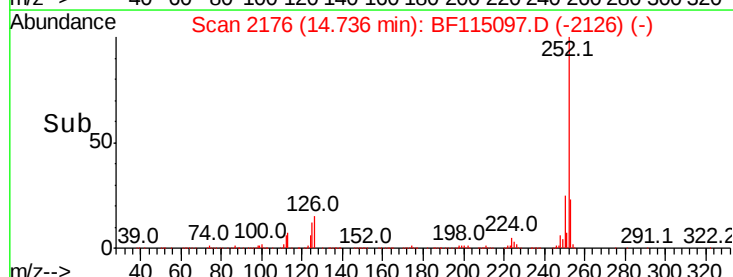
125 11.6 8.7 13.1

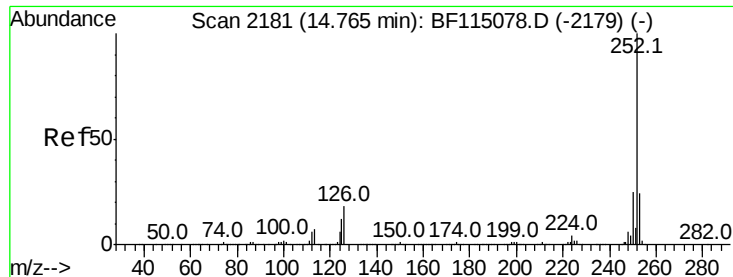


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

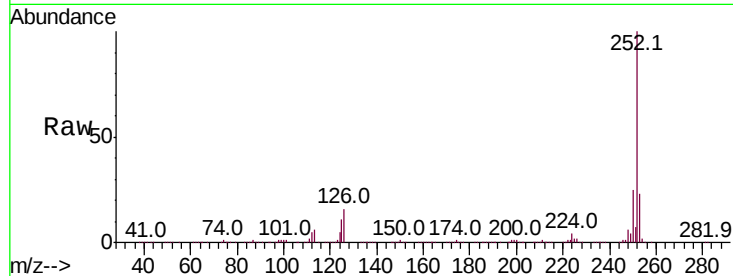




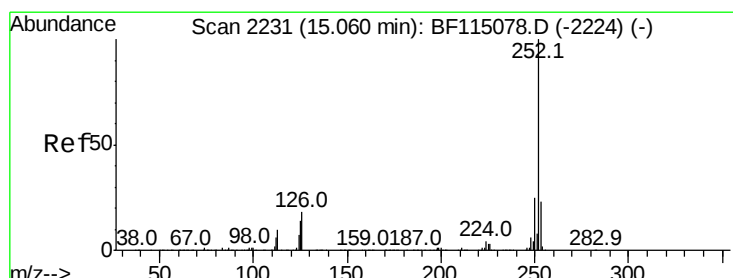
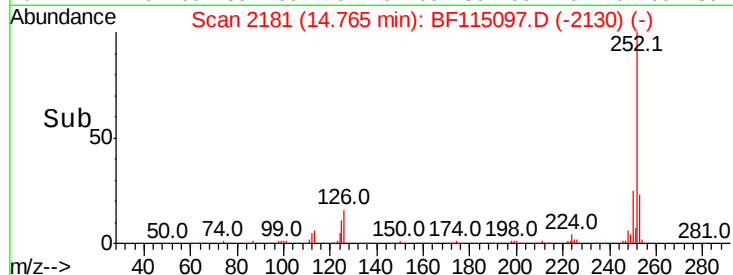
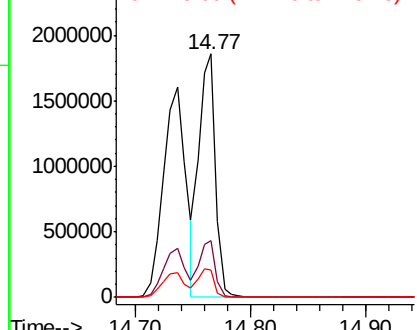
#89
Benzo(k)fluoranthene
Concen: 43.106 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1876295
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 11.0 10.2 15.2

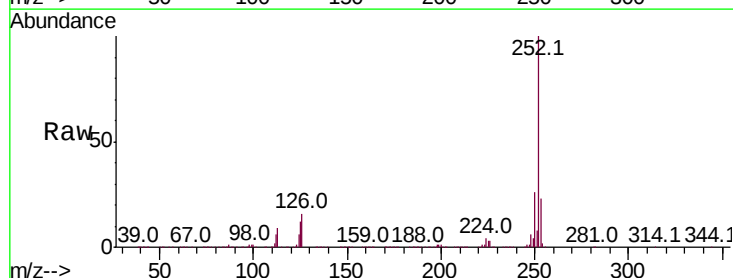


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

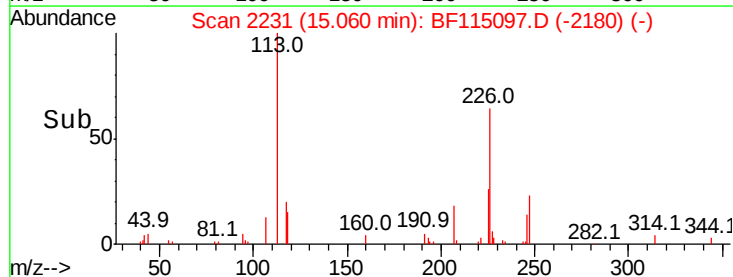
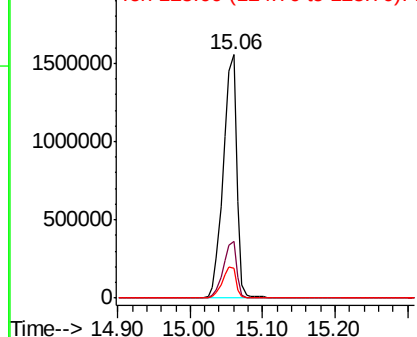


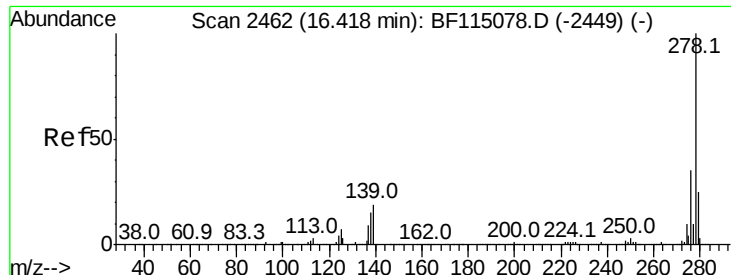
#90
Benzo(a)pyrene
Concen: 46.203 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:252 Resp: 2021260
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 12.0 10.9 16.3



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

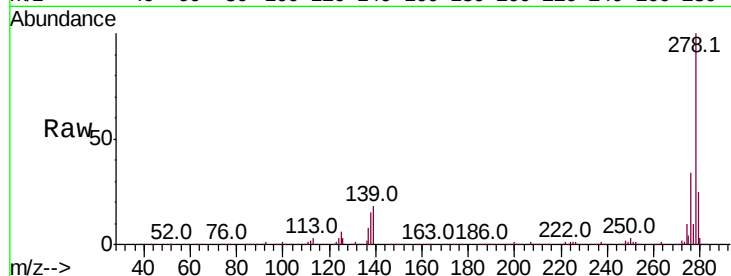




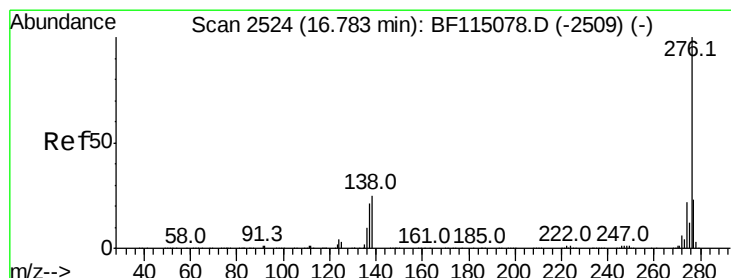
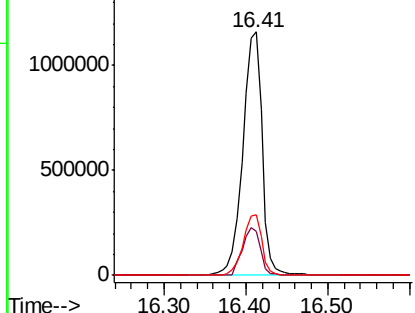
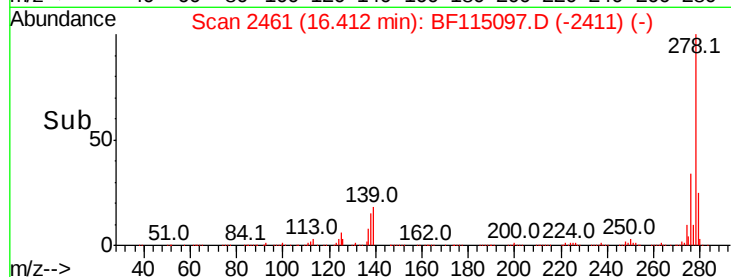
#91
Dibenzo(a,h)anthracene
Concen: 46.697 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1907137
Ion Ratio Lower Upper
278 100
139 18.3 15.4 23.2
279 24.8 19.9 29.9

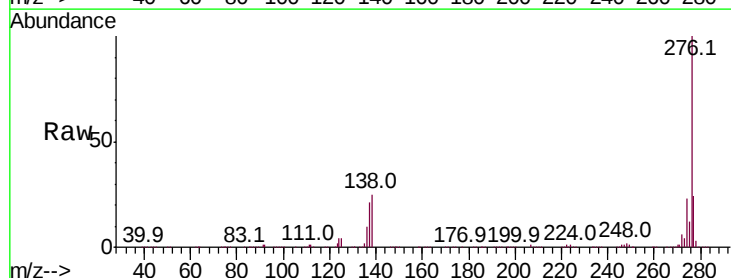


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.454 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:276 Resp: 1961544
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 24.8 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

