

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099510.D
 Acq On : 15 Oct 2017 13:32
 Operator : SJ/JU
 Sample : I5752-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:03:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	91567	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	378712	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	167311	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	272111	20.00	ng	0.00
75) Chrysene-d12	14.02	240	149782	20.00	ng	0.00
86) Perylene-d12	15.48	264	160724	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	624551	108.58	ng	0.00
7) Phenol-d6	6.49	99	743441	104.77	ng	0.00
23) Nitrobenzene-d5	7.41	82	450463	76.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	138655	101.28	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	835385	83.35	ng	-0.01
78) Terphenyl-d14	12.95	244	539563	81.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	69654	25.35	ng	94
3) Pyridine	3.44	79	176818	23.79	ng	89
4) n-Nitrosodimethylamine	3.37	42	78982	25.06	ng	84
6) Aniline	6.51	93	208636	21.79	ng	99
8) 2-Chlorophenol	6.63	128	196250	30.13	ng	93
9) Benzaldehyde	6.40	77	64728	15.73	ng	97
10) Phenol	6.50	94	282083	35.55	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	183819	29.80	ng	97
12) 1,3-Dichlorobenzene	6.79	146	212322	31.12	ng	96
13) 1,4-Dichlorobenzene	6.86	146	217691	31.36	ng	97
14) 1,2-Dichlorobenzene	7.02	146	202805	31.62	ng	97
15) Benzyl Alcohol	6.99	79	151679	29.14	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	260401	27.09	ng	93
17) 2-Methylphenol	7.10	107	160668	30.14	ng	98
18) Hexachloroethane	7.35	117	74332	29.79	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	123589	27.28	ng	97
20) 3+4-Methylphenols	7.25	107	198450	29.43	ng	# 66
22) Acetophenone	7.26	105	263481	28.72	ng	# 98
24) Nitrobenzene	7.43	77	195207	29.14	ng	97
25) Isophorone	7.66	82	353049	28.92	ng	99
26) 2-Nitrophenol	7.75	139	105086	32.62	ng	88
27) 2,4-Dimethylphenol	7.78	122	171160	28.13	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	234471	30.82	ng	99
29) 2,4-Dichlorophenol	7.99	162	161720	30.96	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	169103	32.37	ng	97
31) Naphthalene	8.15	128	561909	31.59	ng	99
32) Benzoic acid	7.78	122	171160	34.25	ng	# 13
33) 4-Chloroaniline	8.20	127	159258	21.44	ng	97
34) Hexachlorobutadiene	8.26	225	82750	30.75	ng	98
35) Caprolactam	8.56	113	50060	29.88	ng	# 80
36) 4-Chloro-3-methylphenol	8.69	107	166072	28.29	ng	94
37) 2-Methylnaphthalene	8.84	142	381702	33.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	153127	30.69	ng	99
40) Hexachlorocyclopentadiene	8.99	237	53783	23.59	ng	95

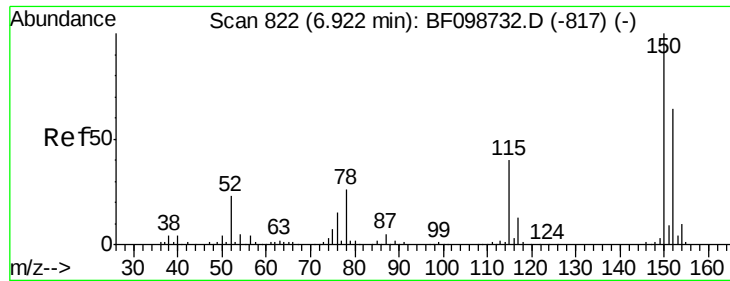
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099510.D
 Acq On : 15 Oct 2017 13:32
 Operator : SJ/JU
 Sample : I5752-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:03:44 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	98646	27.91	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	106762	30.26	nq	92
45) 1,1'-Biphenyl	9.30	154	447217	31.10	nq	97
46) 2-Chloronaphthalene	9.33	162	344199	31.88	nq	97
47) 2-Nitroaniline	9.43	65	97521	29.50	nq	99
48) Acenaphthylene	9.75	152	520245	31.48	nq	100
49) Dimethylphthalate	9.60	163	610923	48.38	nq	100
50) 2,6-Dinitrotoluene	9.67	165	89617	32.60	nq	91
51) Acenaphthene	9.92	154	306107	29.24	nq	99
52) 3-Nitroaniline	9.84	138	85667	26.73	nq	95
53) 2,4-Dinitrophenol	9.97	184	2935	7.73	nq	92
54) Dibenzofuran	10.09	168	459055	32.93	nq	99
55) 4-Nitrophenol	10.01	139	87293	32.21	nq	87
56) 2,4-Dinitrotoluene	10.08	165	110939	31.09	nq	90
57) Fluorene	10.43	166	362742	32.38	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	67304	27.61	nq	99
59) Diethylphthalate	10.30	149	391130	31.70	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	163448	32.48	nq	92
61) 4-Nitroaniline	10.46	138	88174	28.51	nq	87
62) Azobenzene	10.58	77	506745	44.67	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	12398	7.49	nq	83
65) n-Nitrosodiphenylamine	10.54	169	316581	33.58	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	89351	33.55	nq	92
67) Hexachlorobenzene	10.98	284	87580	30.79	nq	94
68) Atrazine	11.06	200	95756	33.76	nq	99
69) Pentachlorophenol	11.17	266	43978	24.84	nq	97
70) Phenanthrene	11.39	178	489295	33.59	nq	99
71) Anthracene	11.44	178	492492	33.05	nq	99
72) Carbazole	11.60	167	417449	28.60	nq	98
73) Di-n-butylphthalate	11.92	149	579565	32.99	nq	99
74) Fluoranthene	12.59	202	430664	29.20	nq	97
76) Benzidine	12.70	184	138721	25.04	nq	98
77) Pyrene	12.82	202	417658	36.57	nq	99
79) Butylbenzylphthalate	13.42	149	179030	33.35	nq	93
80) Benzo(a)anthracene	14.00	228	298885	32.95	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	89441	26.90	nq	97
82) Chrysene	14.04	228	284272	32.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	244883	33.13	nq	99
84) Di-n-octyl phthalate	14.59	149	372382	31.29	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	321925	46.61	nq	96
87) Benzo(b)fluoranthene	15.05	252	311741	31.55	nq	# 95
88) Benzo(k)fluoranthene	15.08	252	276723	28.35	nq	98
89) Benzo(a)pyrene	15.42	252	295629	32.59	nq	# 96
90) Dibenzo(a,h)anthracene	16.97	278	270129	37.21	nq	96
91) Benzo(g,h,i)perylene	17.42	276	269760	37.59	nq	96

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

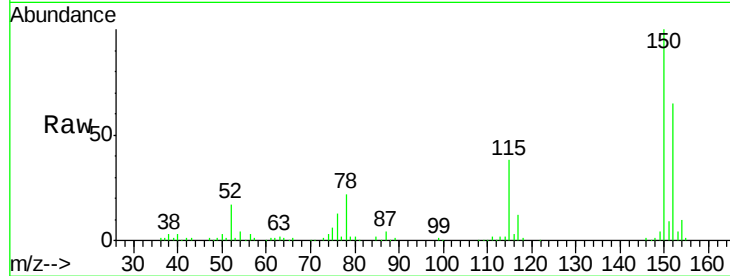


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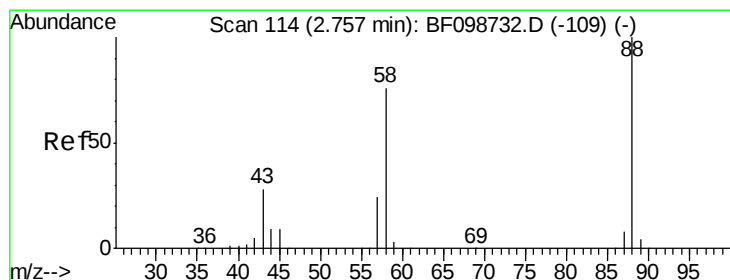
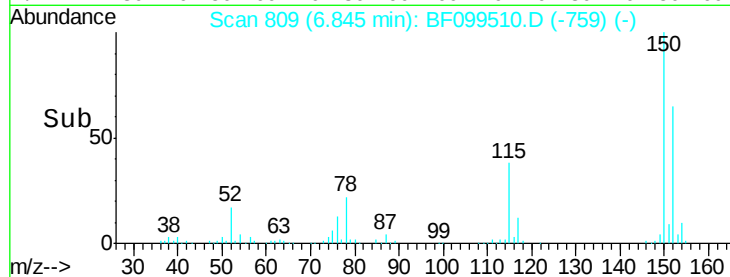
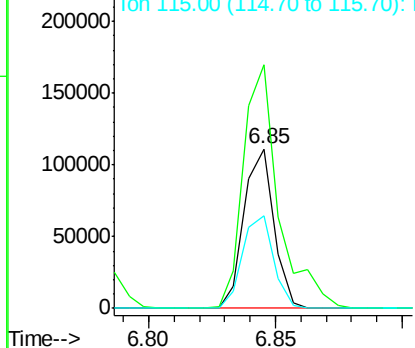
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91567
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 58.0 50.1 75.1



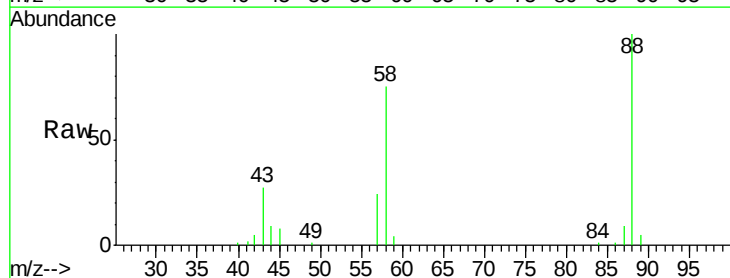
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



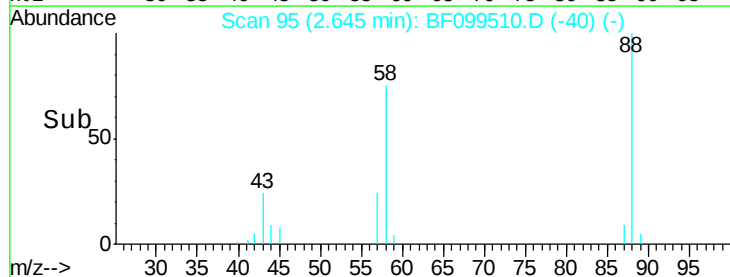
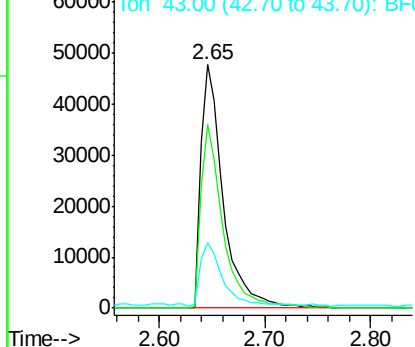
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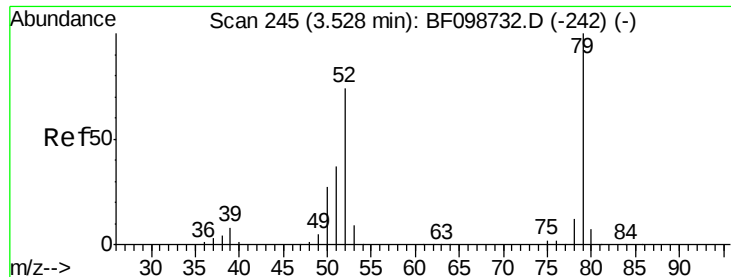
1,4-Dioxane
Concen: 25.35 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.02 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion: 88 Resp: 69654
Ion Ratio Lower Upper
88 100
58 73.6 62.6 93.8
43 25.9 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.79 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.04 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

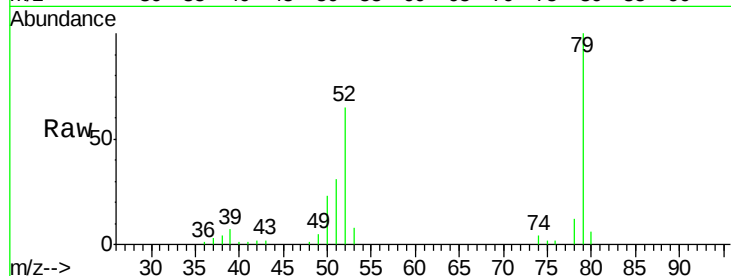
Tot Ion: 79 Resp: 176818

Ion Ratio Lower Upper

79 100

52 65.2 59.8 89.6

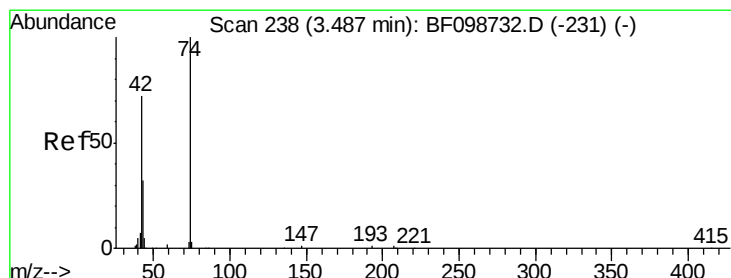
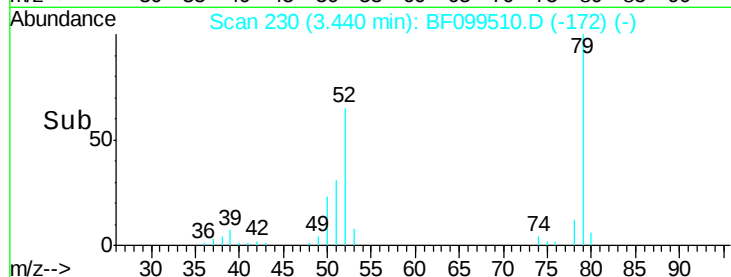
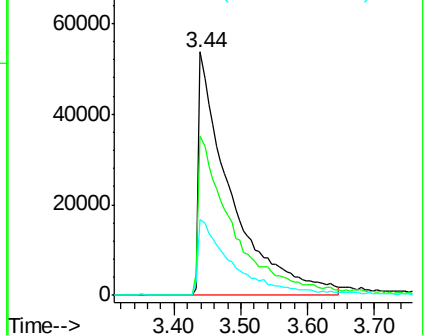
51 31.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 25.06 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

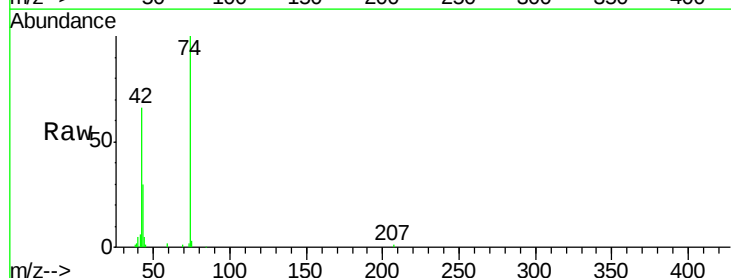
Tgt Ion: 42 Resp: 78982

Ion Ratio Lower Upper

42 100

74 150.4 104.9 157.3

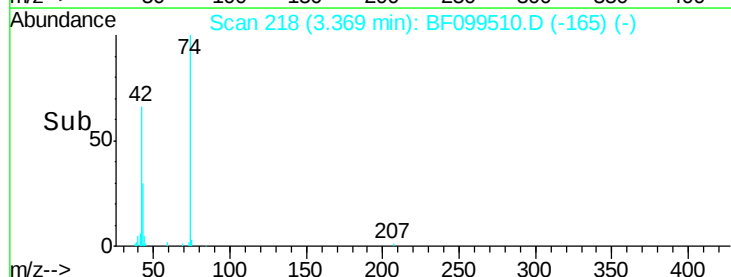
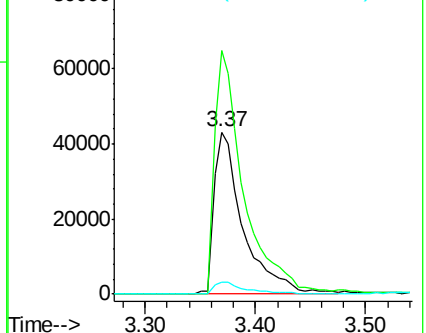
44 7.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.58 ng

RT: 5.47 min Scan# 576

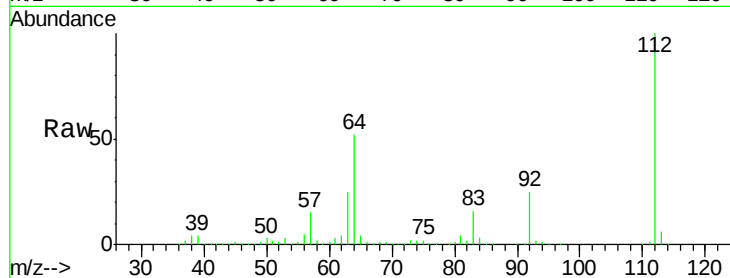
Delta R.T. 0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampled :

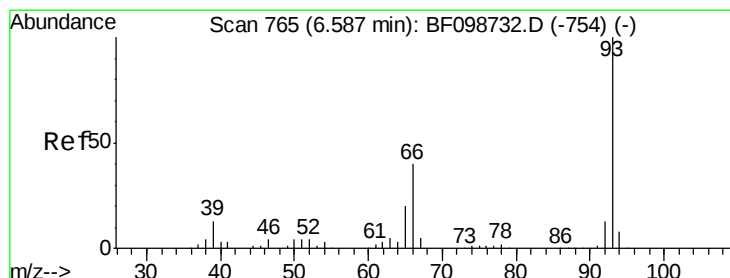
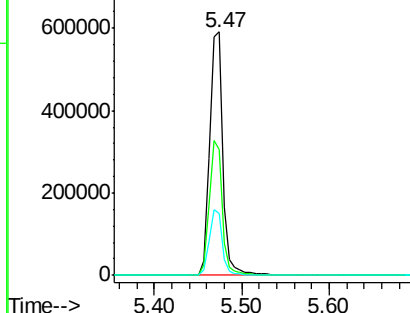
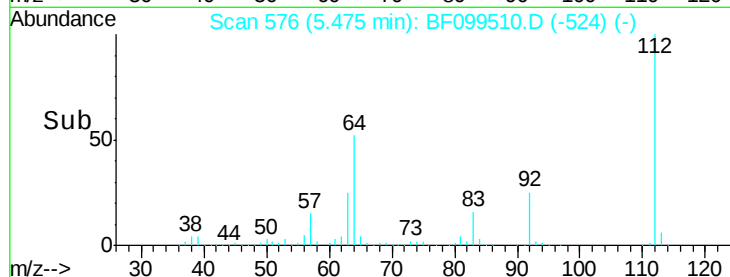
Tot Ion:	112	Resp:	624551
Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.9	71.9
63	25.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.79 ng

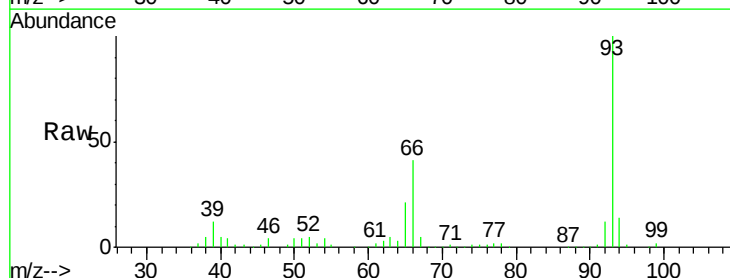
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

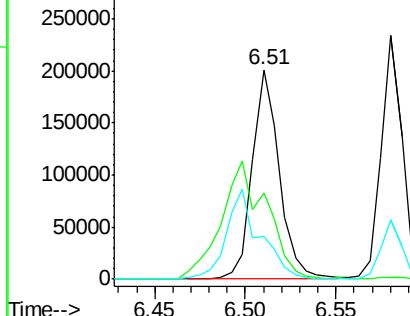
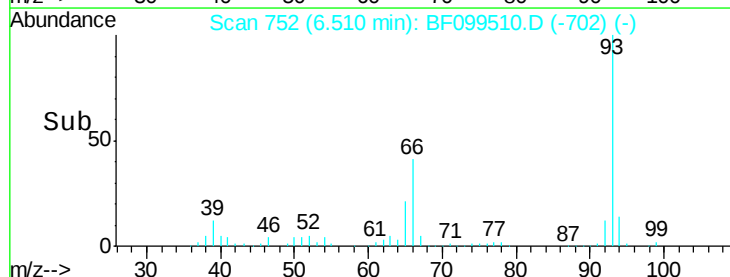
Tgt Ion:	93	Resp:	208636
Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.2	48.2
65	20.6	16.4	24.6

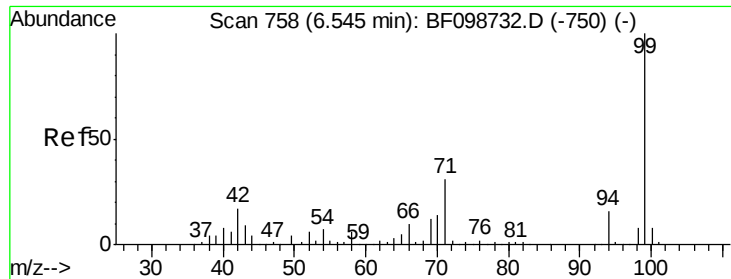


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.77 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

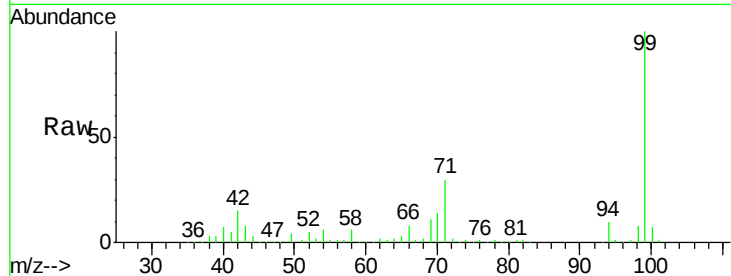
Tot Ion: 99 Resp: 743441

Ion Ratio Lower Upper

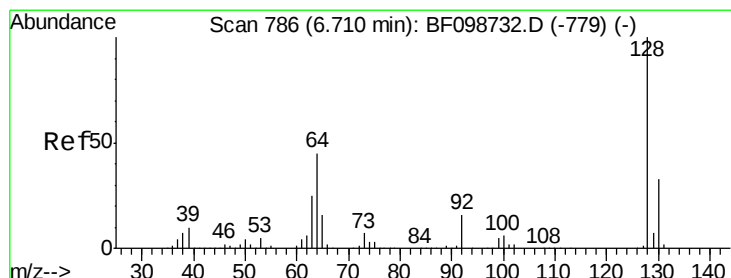
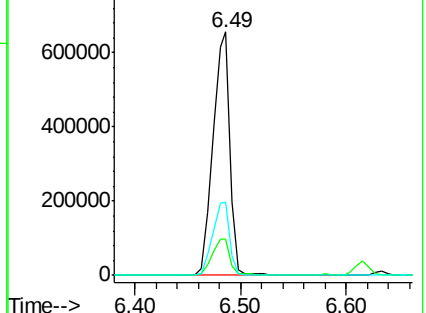
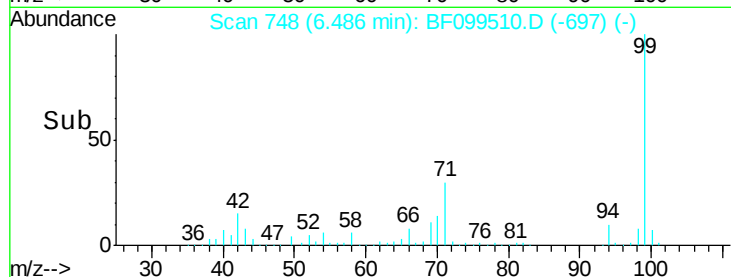
99 100

42 14.9 14.5 21.7

71 30.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.13 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

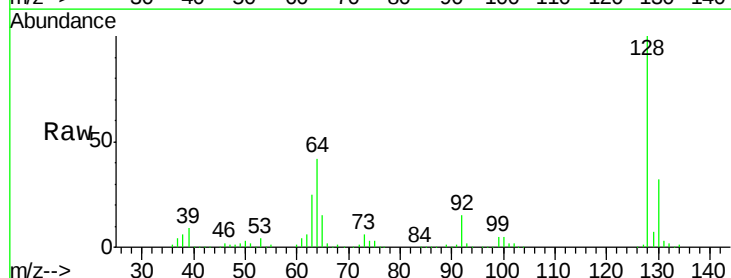
Tgt Ion: 128 Resp: 196250

Ion Ratio Lower Upper

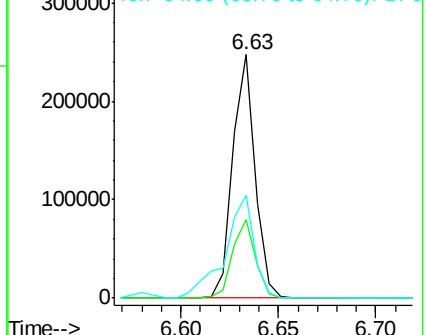
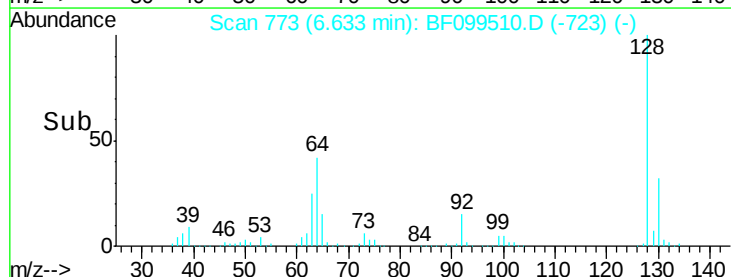
128 100

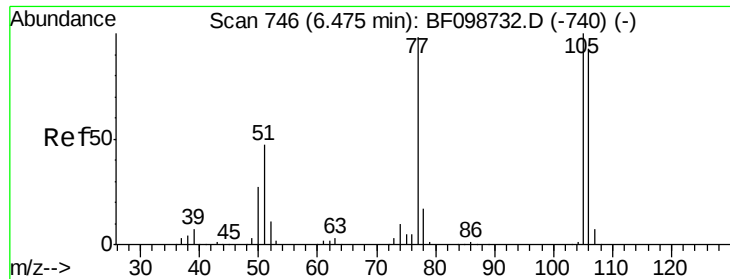
130 32.4 13.0 53.0

64 42.0 29.4 69.4



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): BF0





#9

Benzaldehyde

Concen: 15.73 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

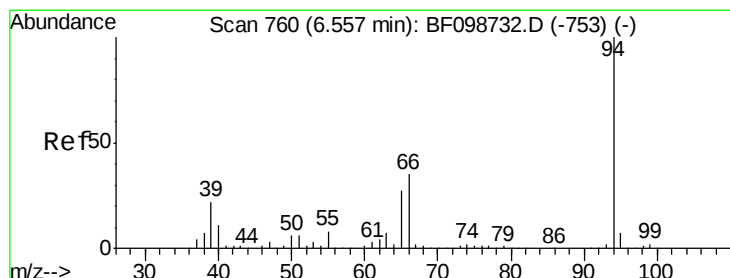
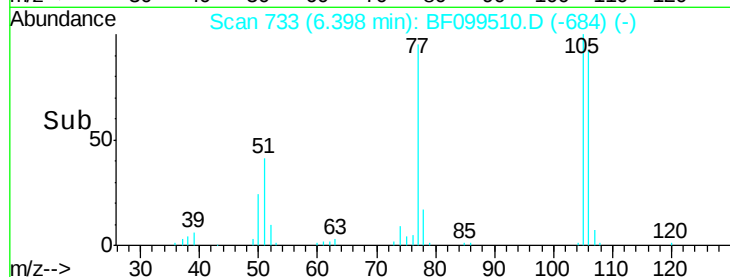
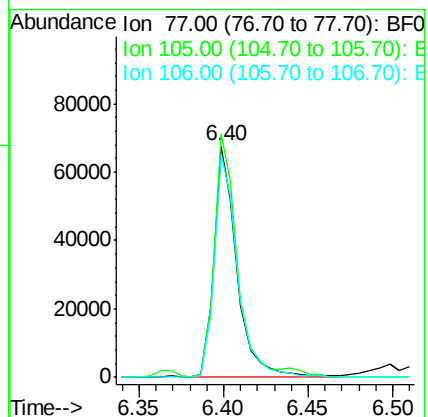
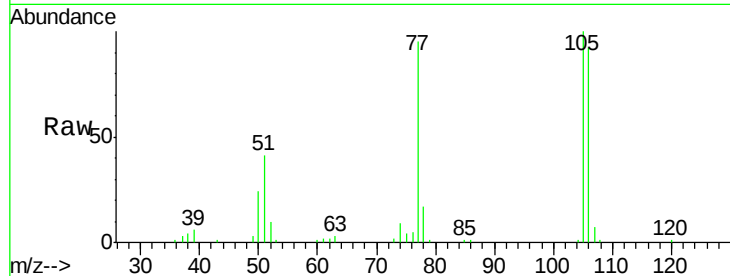
Tot Ion: 77 Resp: 64728

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

106 96.6 74.5 114.5



#10

Phenol

Concen: 35.55 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

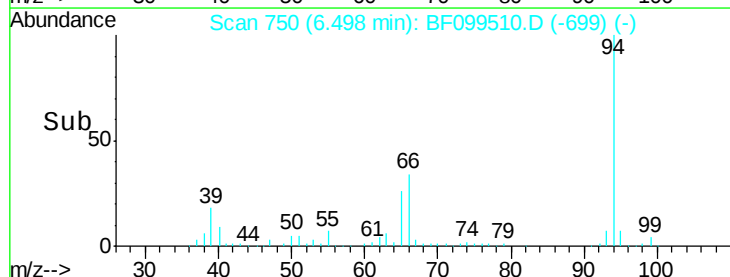
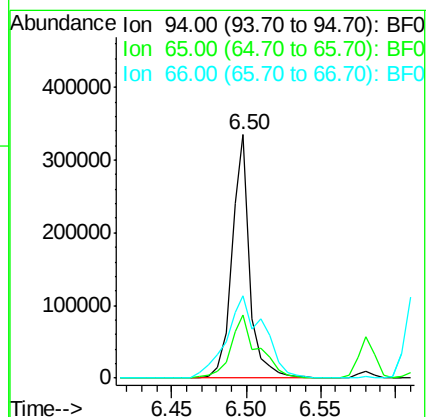
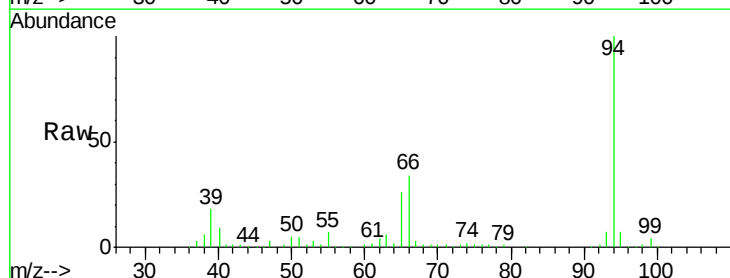
Tgt Ion: 94 Resp: 282083

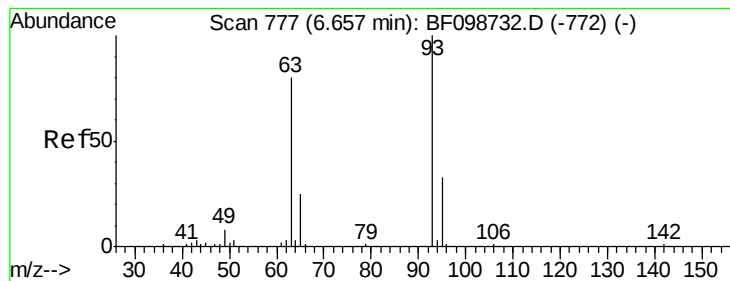
Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

66 33.7 16.2 56.2

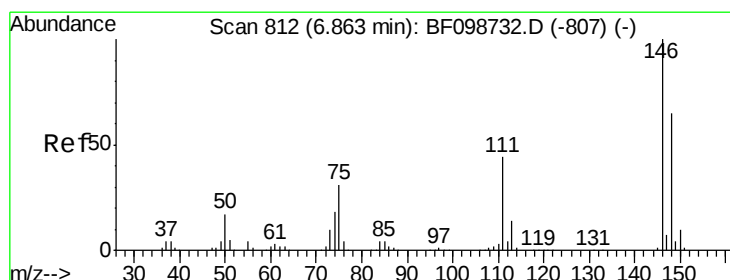
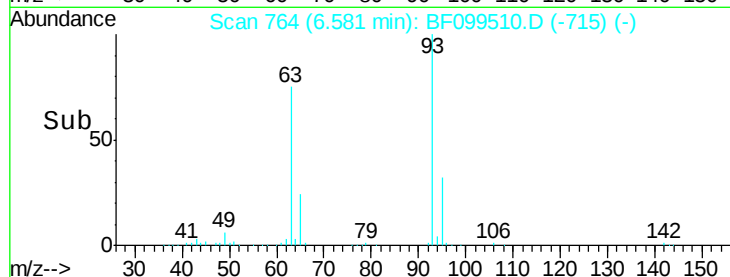
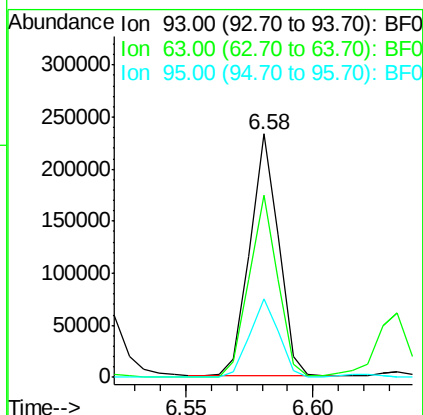
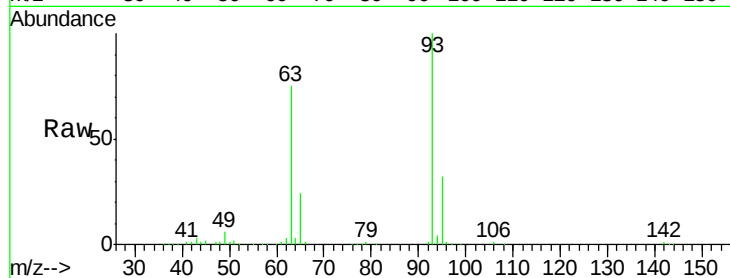




#11
bis(2-Chloroethyl)ether
Concen: 29.80 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

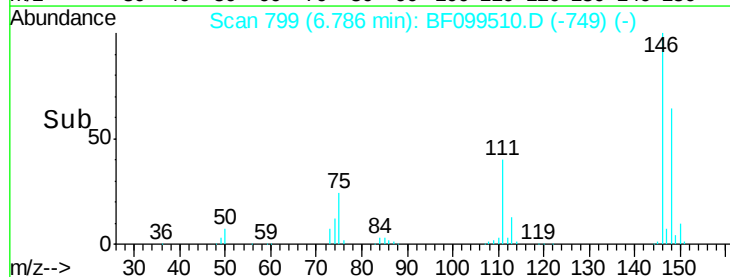
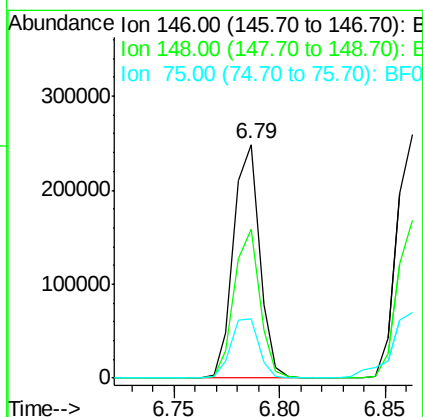
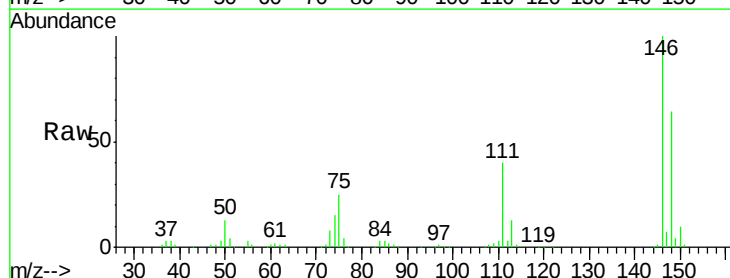
Instrument :
BNA_F
ClientSampleId :

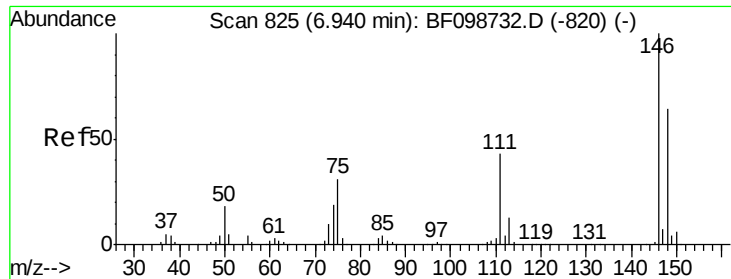
Tot Ion: 93 Resp: 183819
Ion Ratio Lower Upper
93 100
63 75.0 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.12 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion: 146 Resp: 212322
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 25.2 24.2 36.4

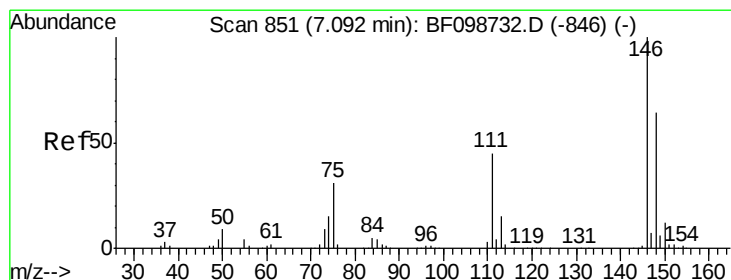
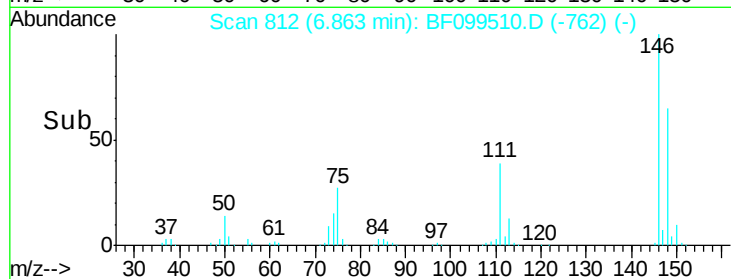
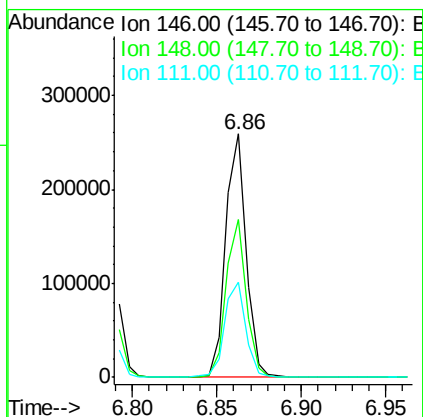
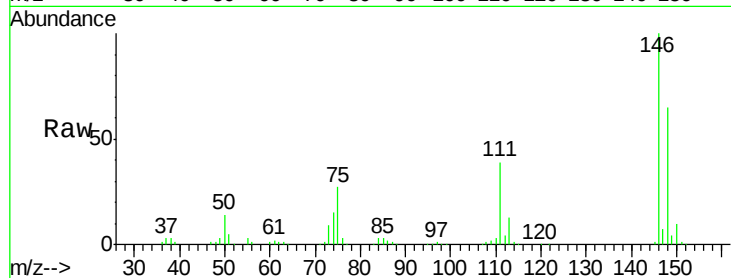




#13
 1,4-Dichlorobenzene
 Concen: 31.36 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

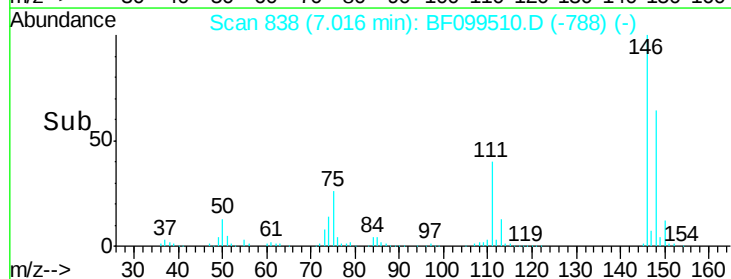
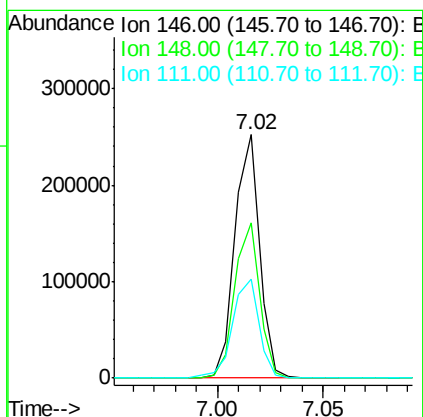
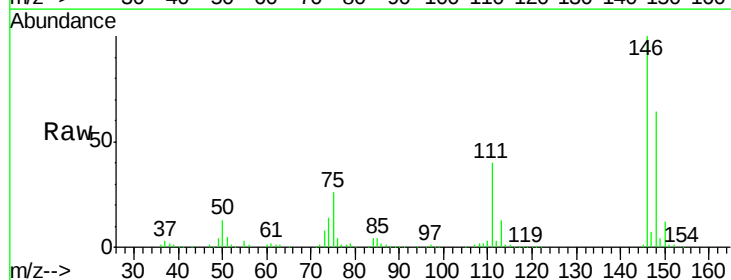
Instrument :
 BNA_F
 ClientSampleId :

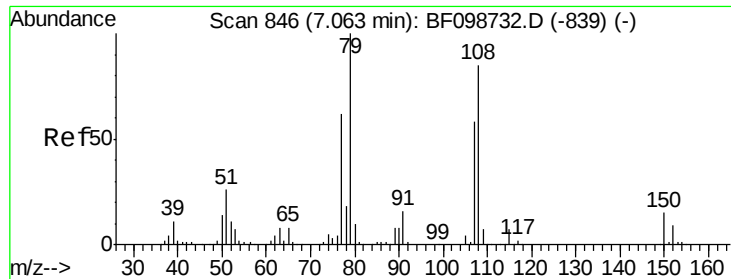
Tot Ion:146 Resp: 217691
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 39.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.62 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:146 Resp: 202805
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 40.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.14 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

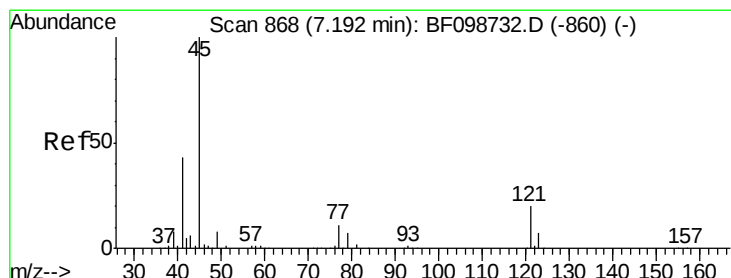
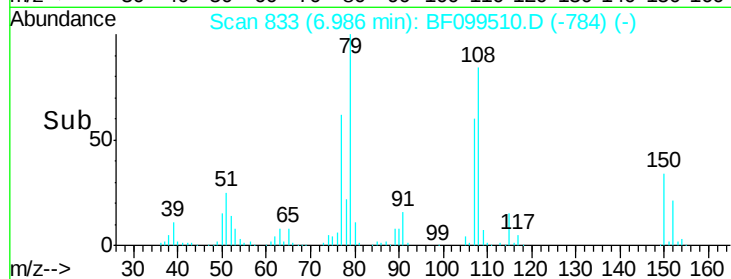
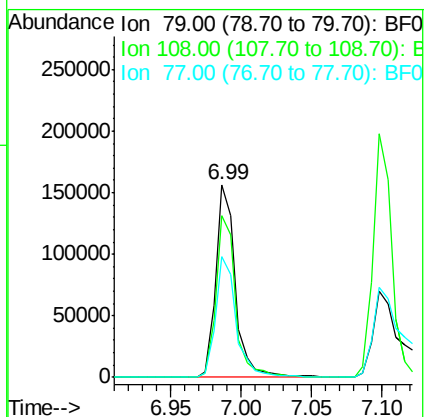
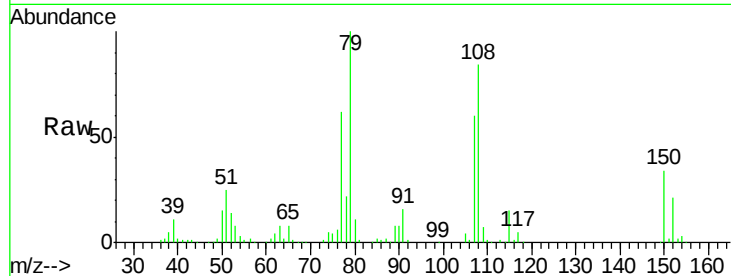
Tot Ion: 79 Resp: 151679

Ion Ratio Lower Upper

79 100

108 83.8 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.09 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

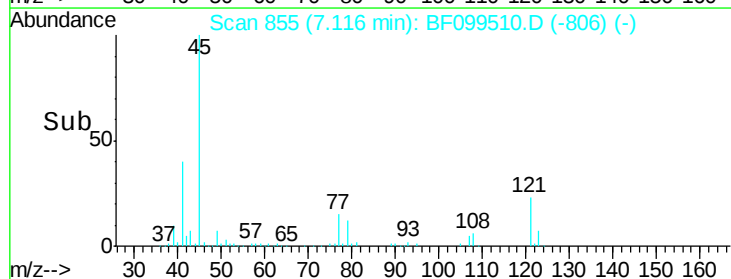
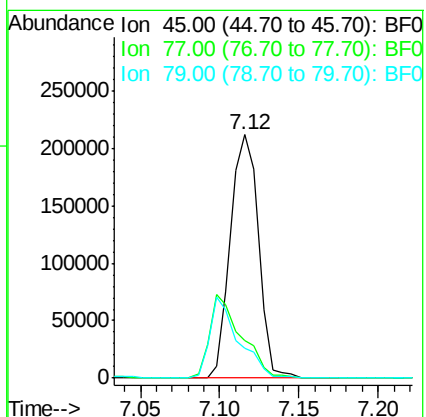
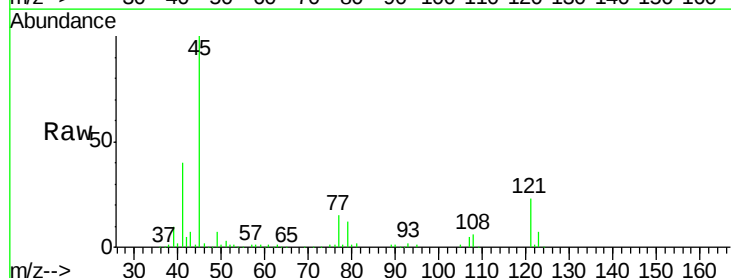
Tgt Ion: 45 Resp: 260401

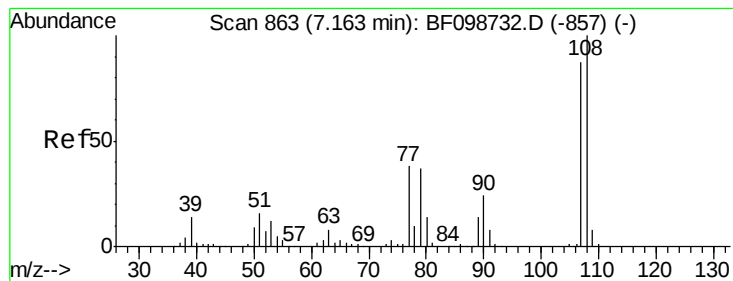
Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.9

79 12.3 0.0 29.6

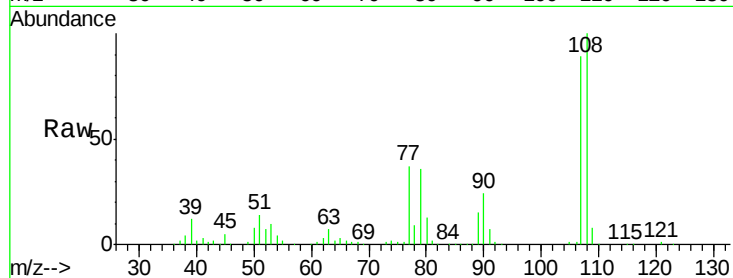




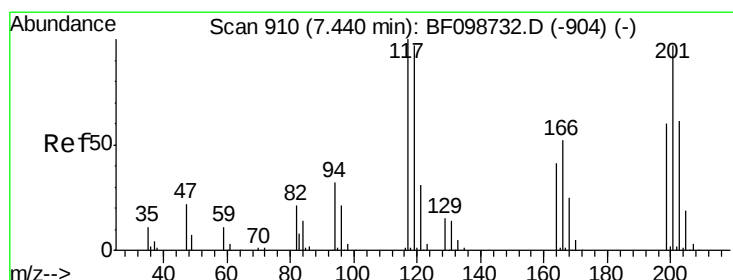
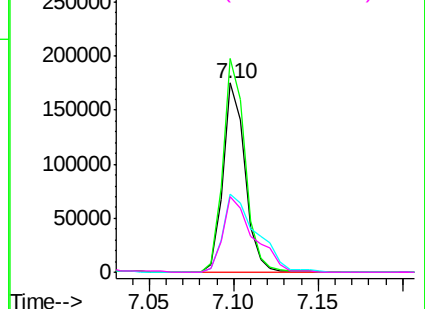
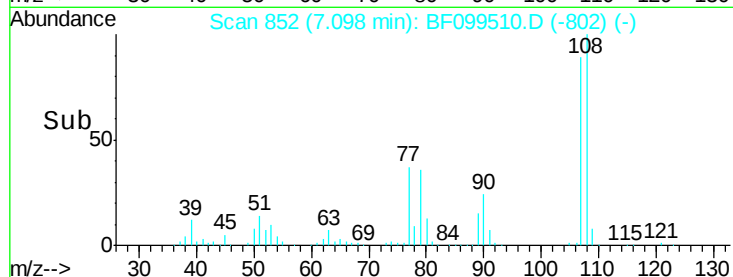
#17
2-Methylphenol
Concen: 30.14 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 160668
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 41.4 33.8 50.8
79 40.2 33.8 50.8

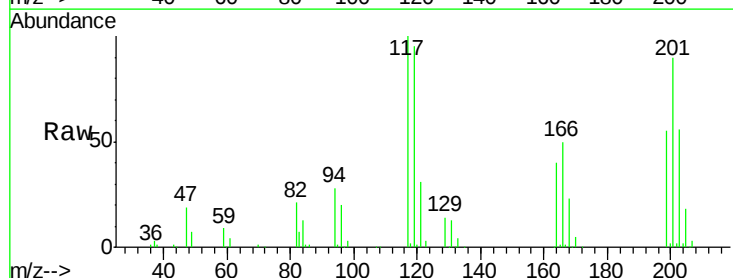


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

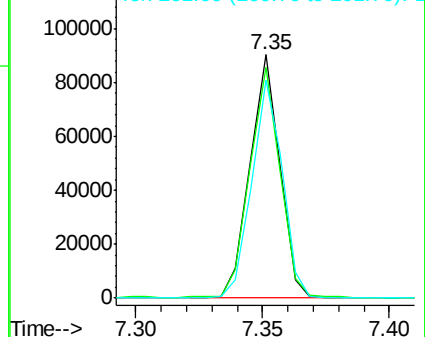
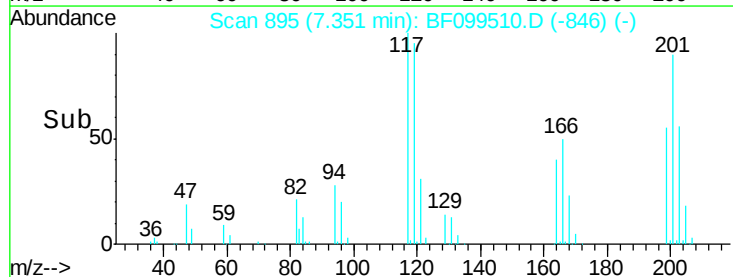


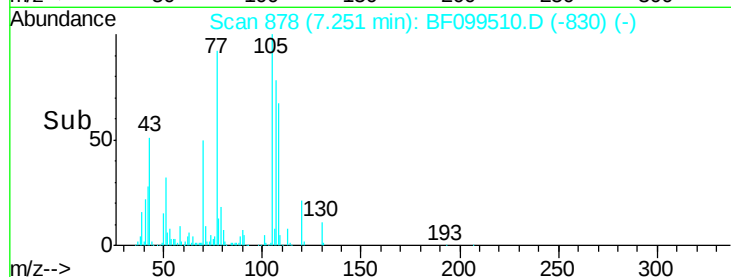
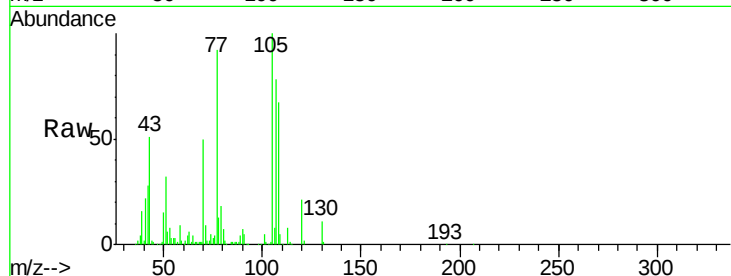
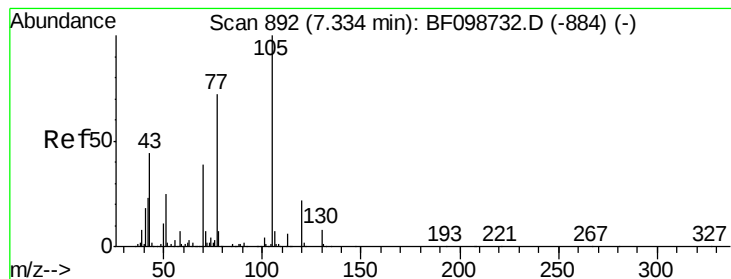
#18
Hexachloroethane
Concen: 29.79 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:117 Resp: 74332
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 89.7 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.28 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123589

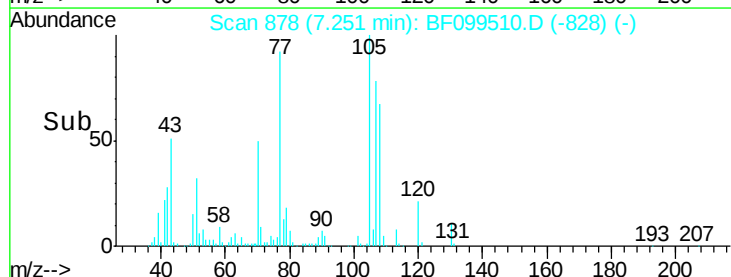
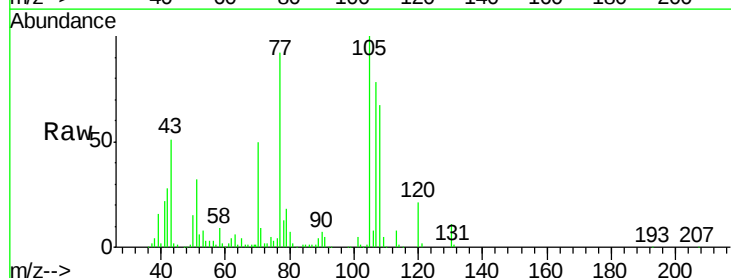
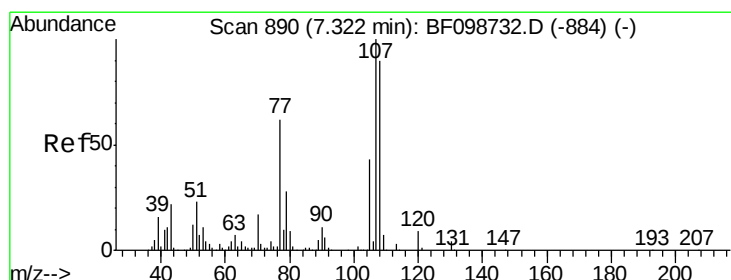
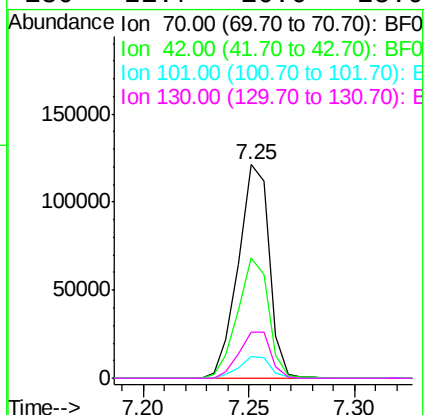
Ion Ratio Lower Upper

70 100

42 56.3 47.5 71.3

101 10.2 7.4 11.2

130 21.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 29.43 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Tgt Ion:107 Resp: 198450

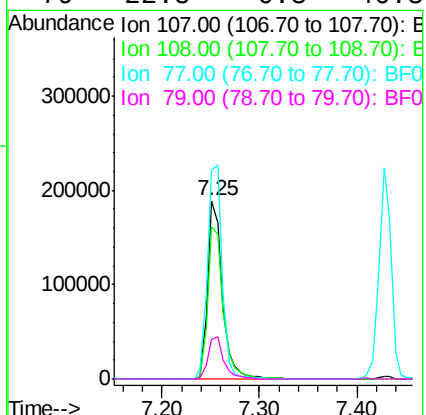
Ion Ratio Lower Upper

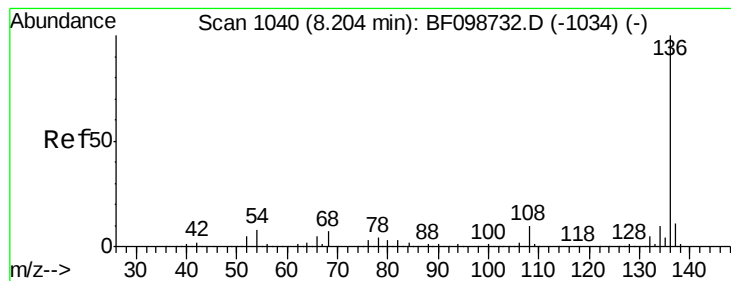
107 100

108 85.5 68.2 108.2

77 117.3 26.7 66.7#

79 22.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 378712

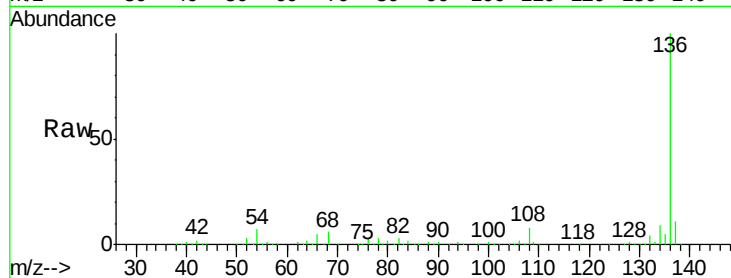
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 5.5 5.0 7.4

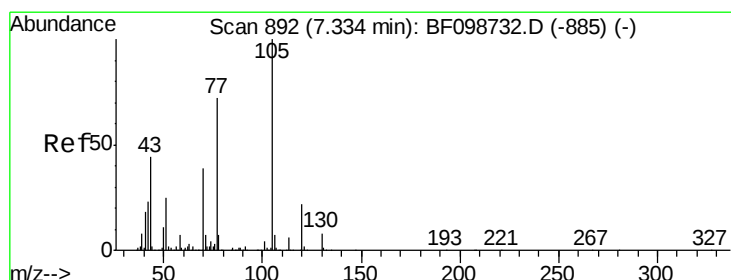
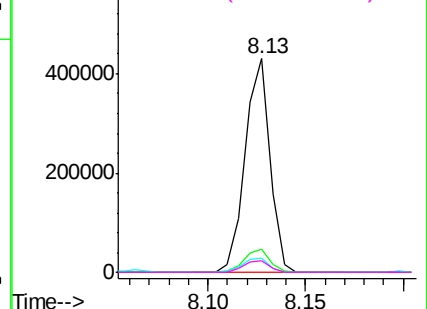
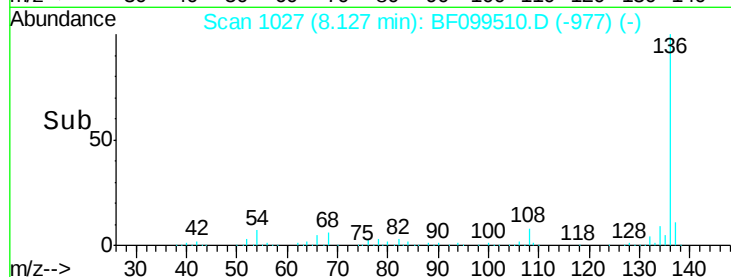


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 28.72 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Tgt Ion:105 Resp: 263481

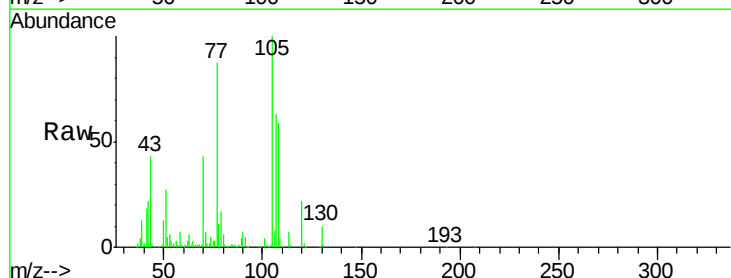
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 27.2 22.3 33.5

120 21.6 16.9 25.3

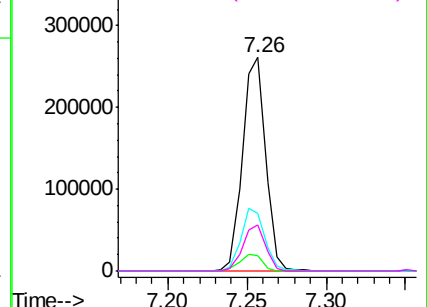
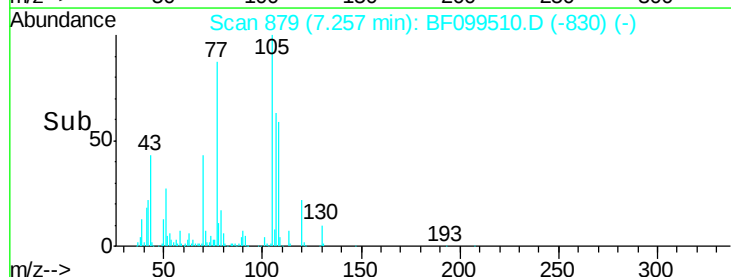


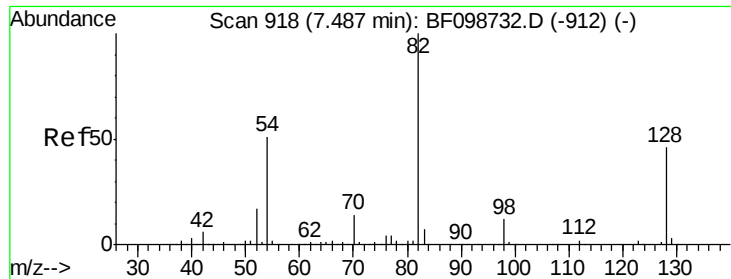
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

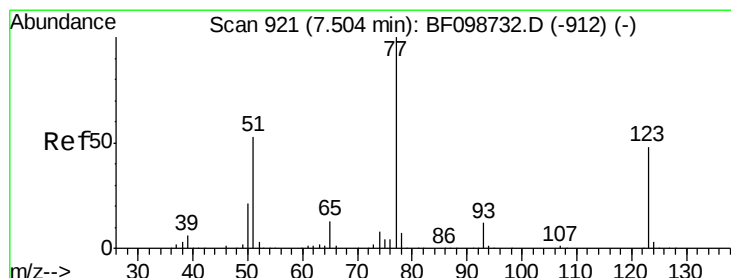
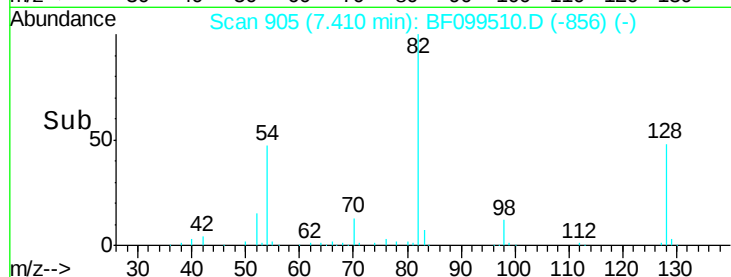
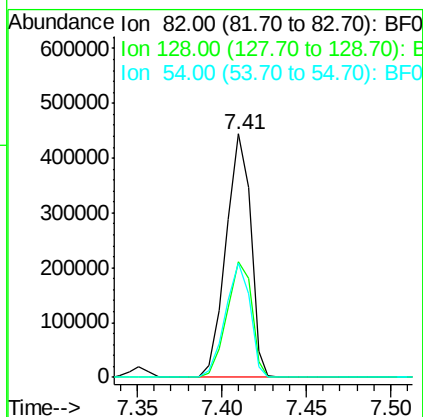
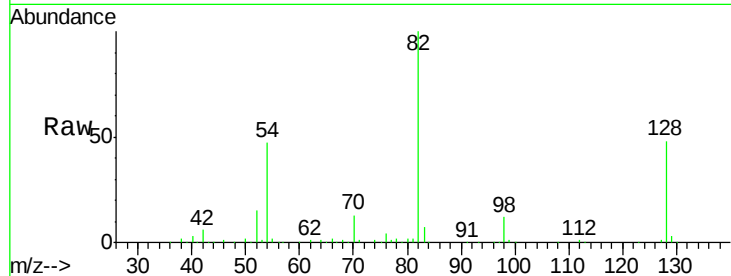




#23
 Nitrobenzene-d5
 Concen: 76.28 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

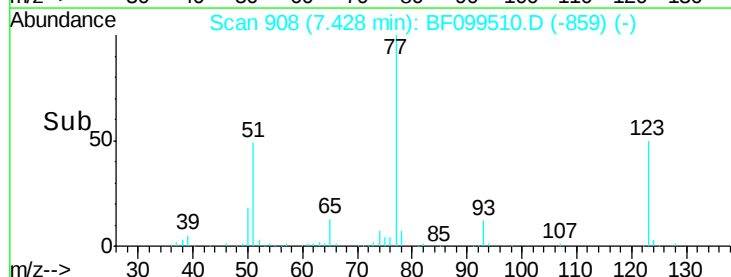
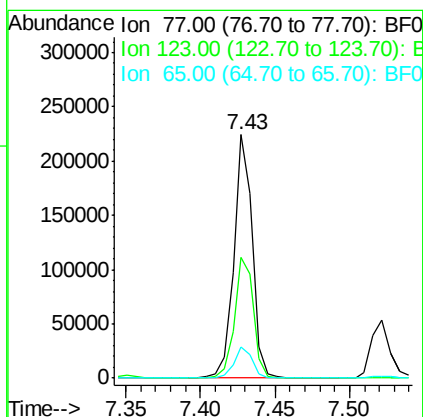
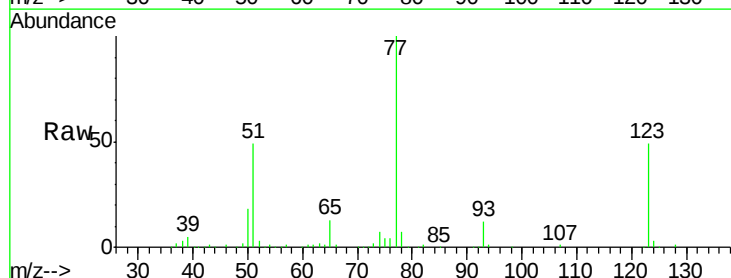
Instrument :
 BNA_F
 ClientSampled :

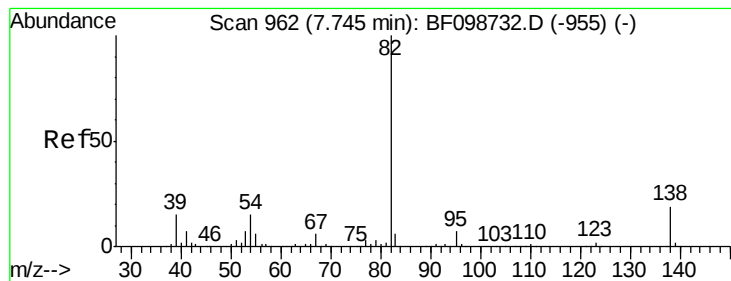
Tot Ion: 82 Resp: 450463
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 46.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 29.14 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion: 77 Resp: 195207
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 28.92 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampled :

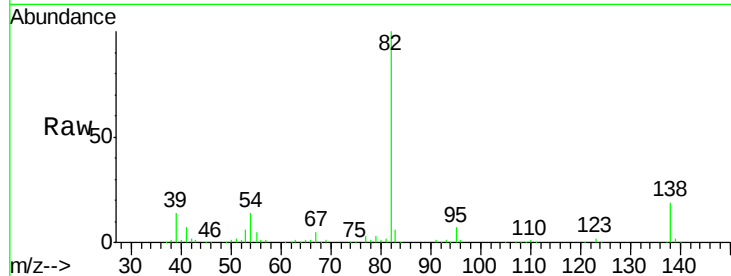
Tot Ion: 82 Resp: 353049

Ion Ratio Lower Upper

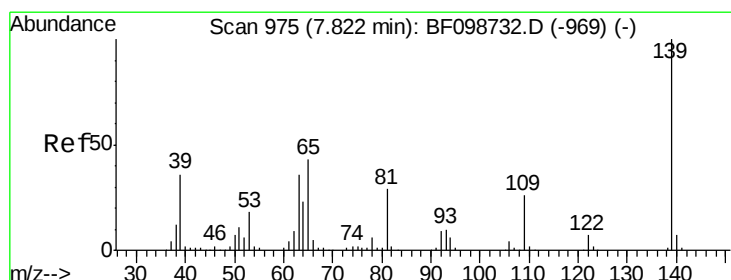
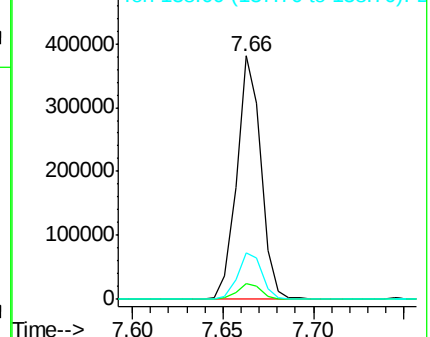
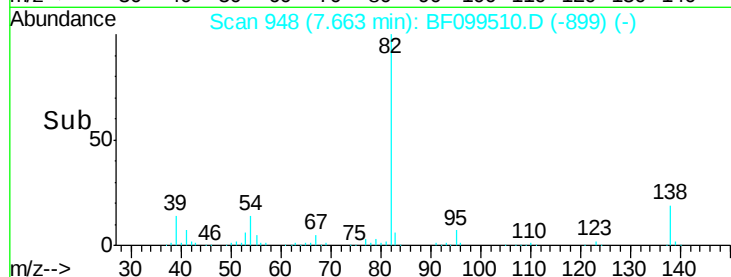
82 100

95 6.6 5.2 7.8

138 19.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.62 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

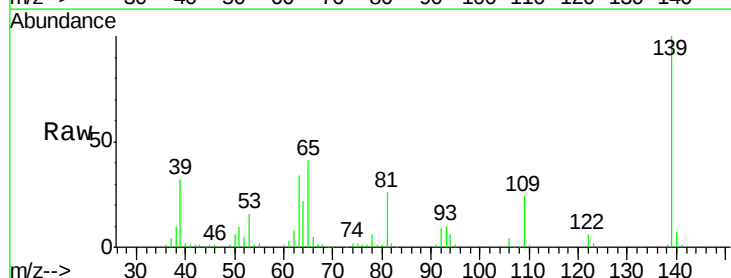
Tgt Ion: 139 Resp: 105086

Ion Ratio Lower Upper

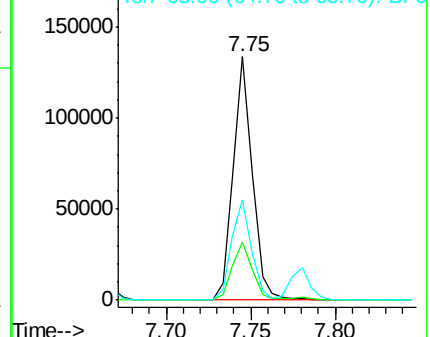
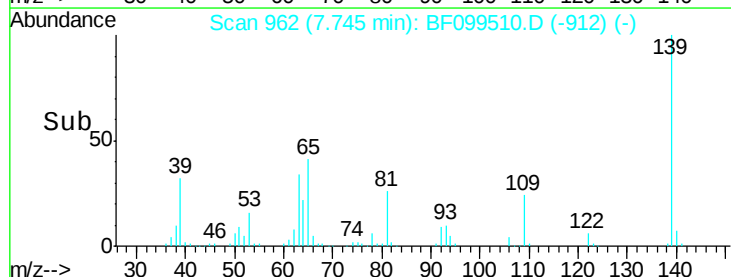
139 100

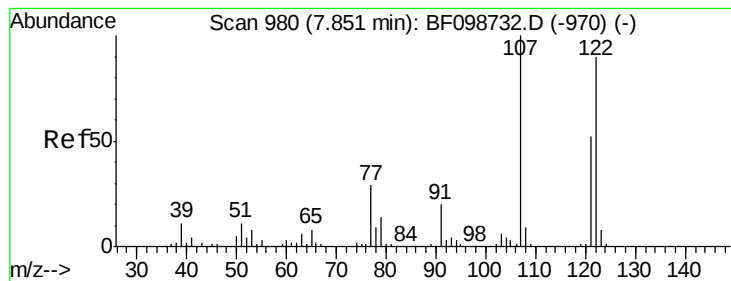
109 24.0 22.7 34.1

65 41.0 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 28.13 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

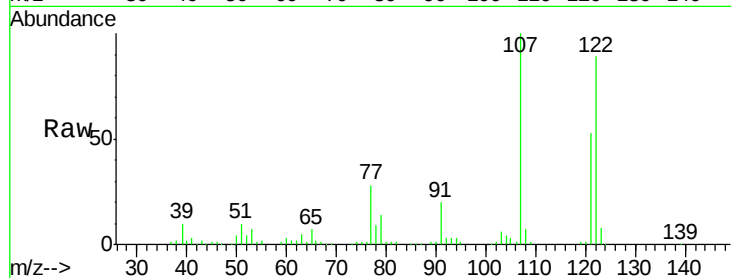
Tot Ion:122 Resp: 171160

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

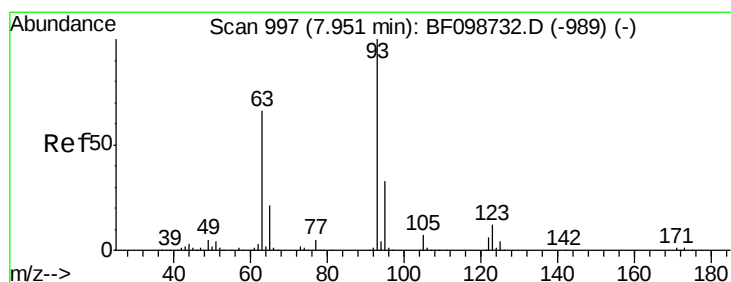
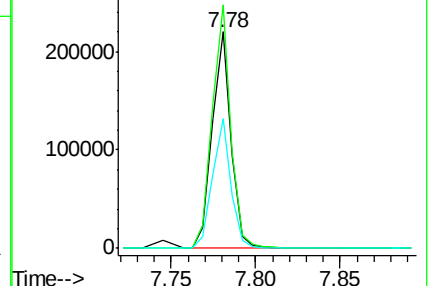
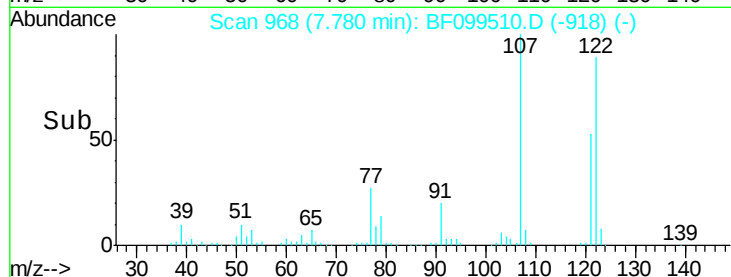
121 59.7 47.2 70.8



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: 30.82 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

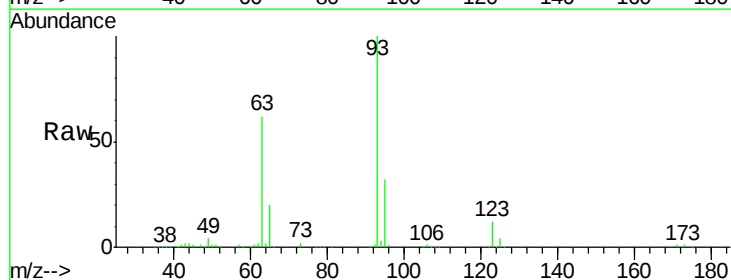
Tgt Ion: 93 Resp: 234471

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

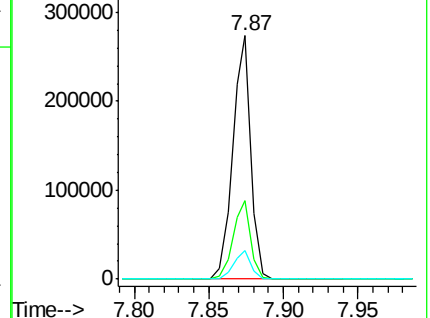
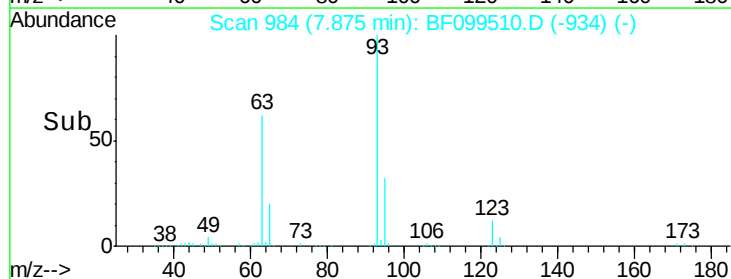
123 11.6 9.8 14.6

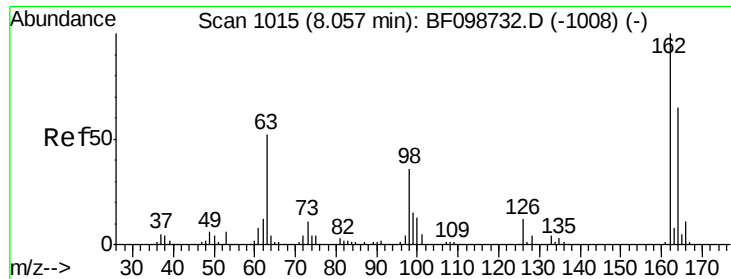


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

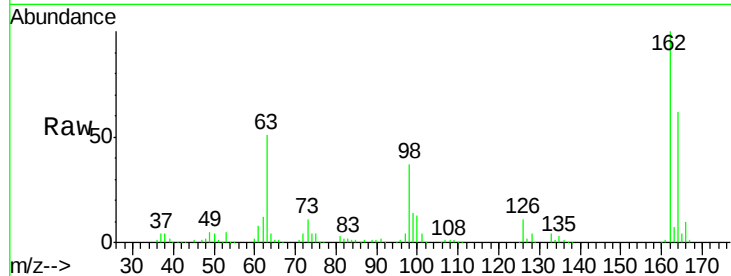




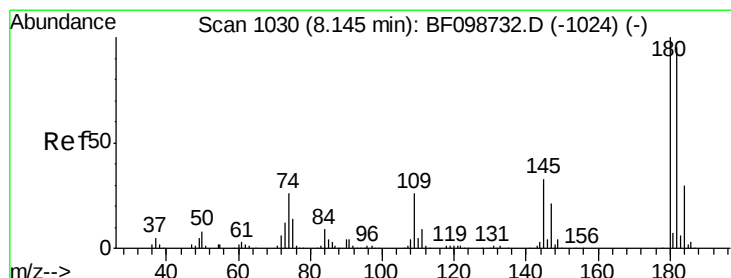
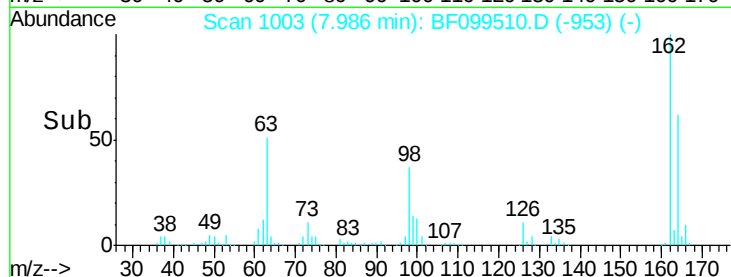
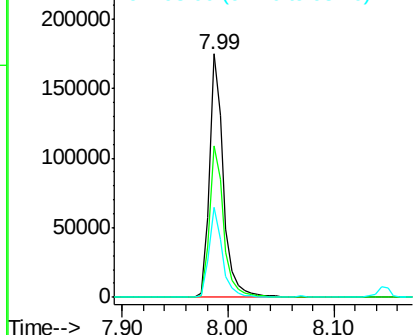
#29
 2,4-Dichlorophenol
 Concen: 30.96 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 161720
 Ion Ratio Lower Upper
 162 100
 164 62.0 42.7 82.7
 98 37.0 18.1 58.1

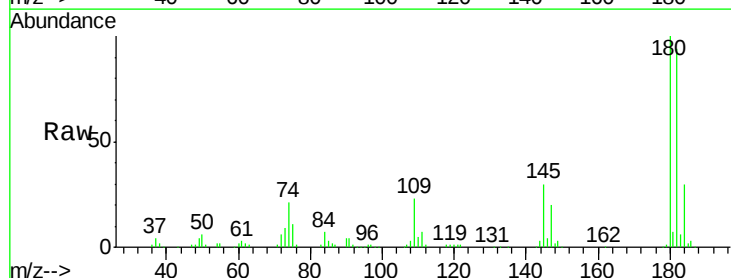


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

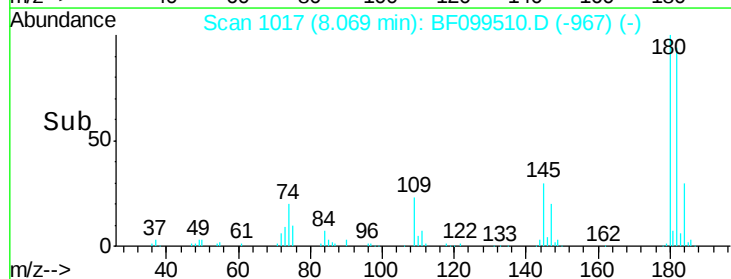
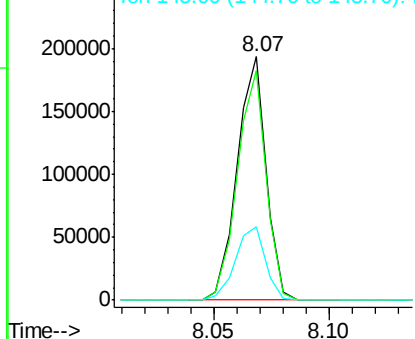


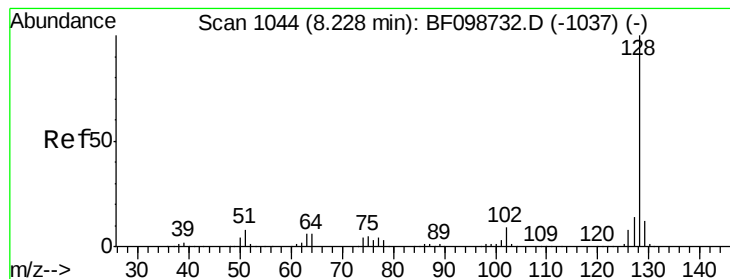
#30
 1,2,4-Trichlorobenzene
 Concen: 32.37 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:180 Resp: 169103
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 30.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.59 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

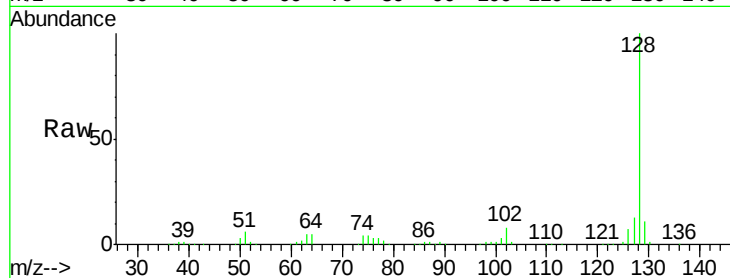
Tot Ion:128 Resp: 561909

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

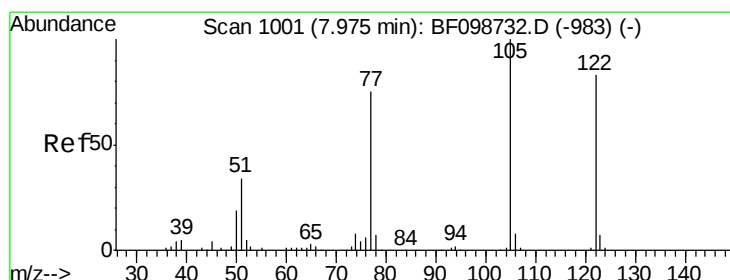
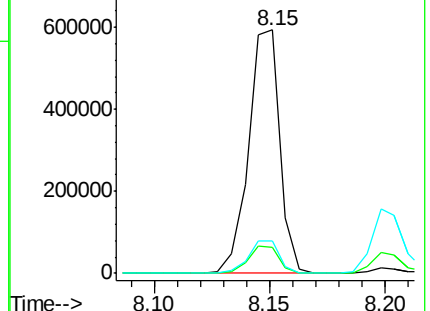
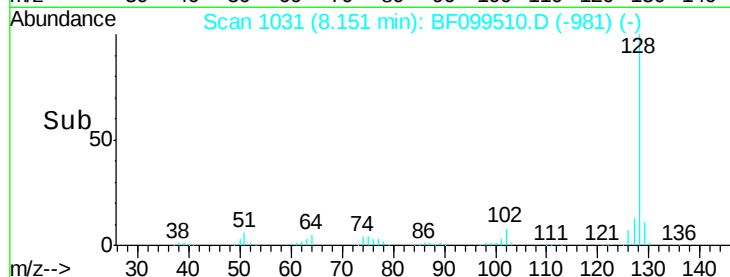
127 13.1 10.9 16.3



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: 34.25 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.14 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

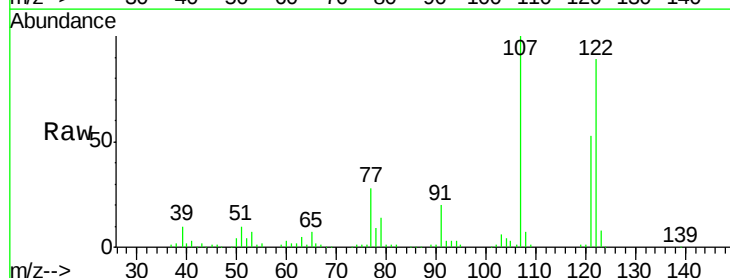
Tgt Ion:122 Resp: 171160

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

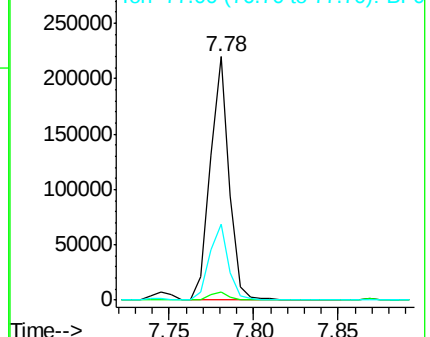
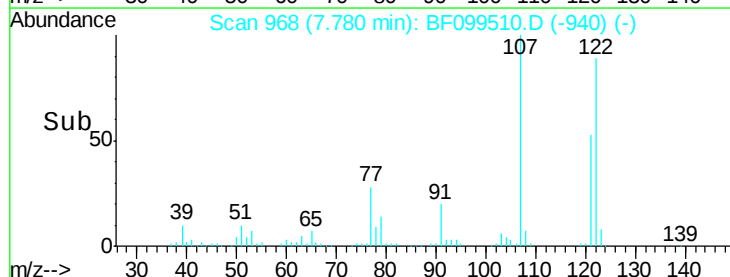
77 31.1 70.7 110.7#

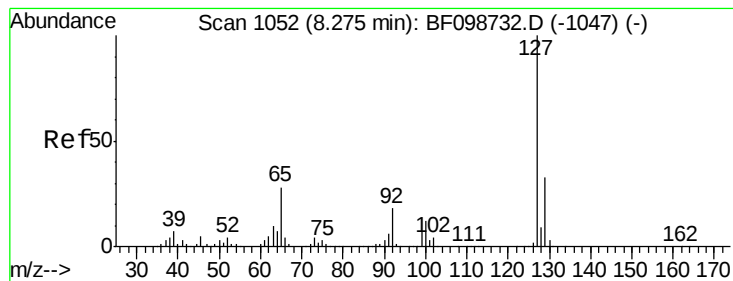


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 21.44 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 159258

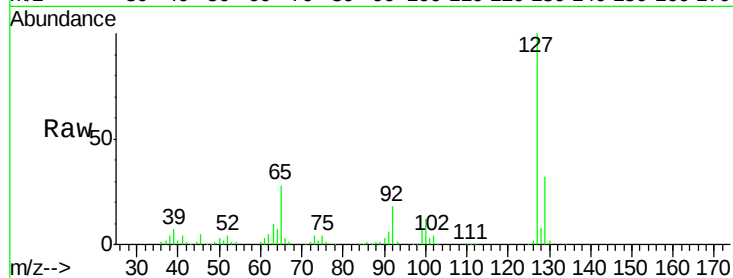
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 27.5 25.0 37.4

92 18.2 15.2 22.8

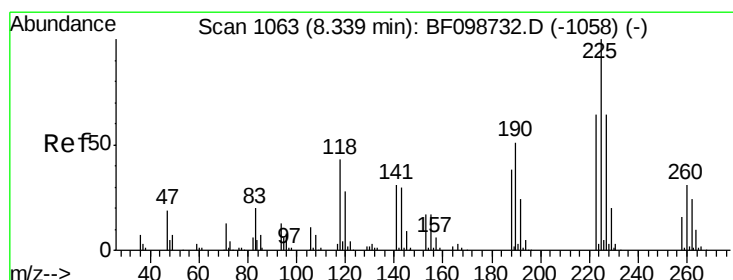
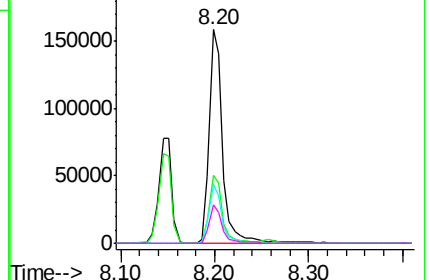
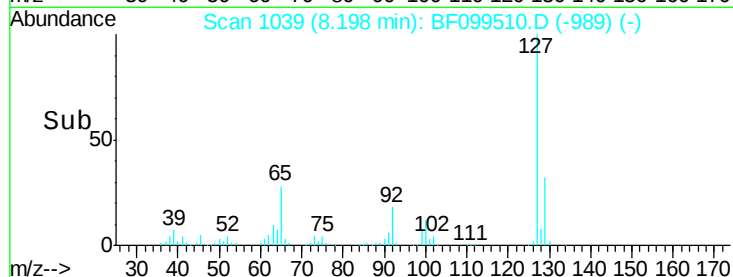


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 30.75 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

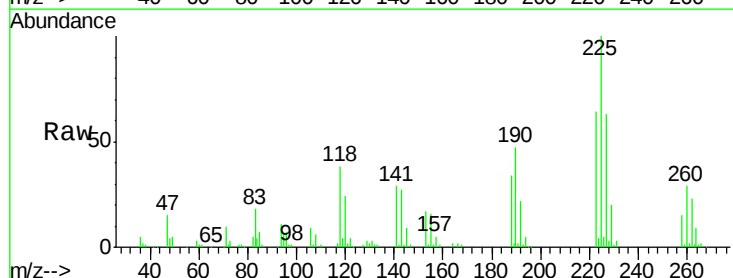
Tgt Ion:225 Resp: 82750

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

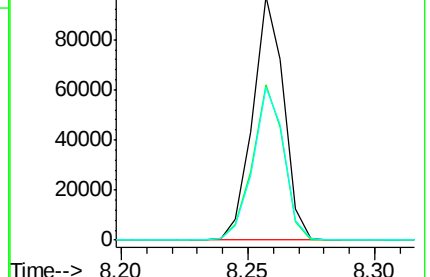
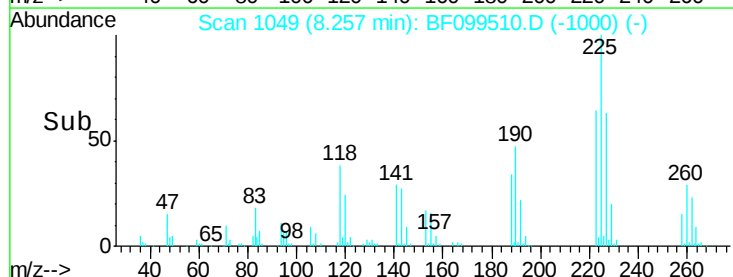
227 62.9 51.9 77.9

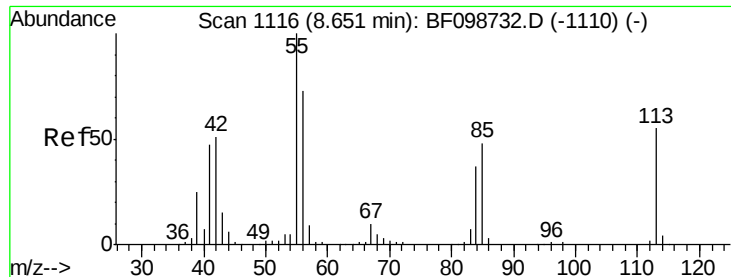


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

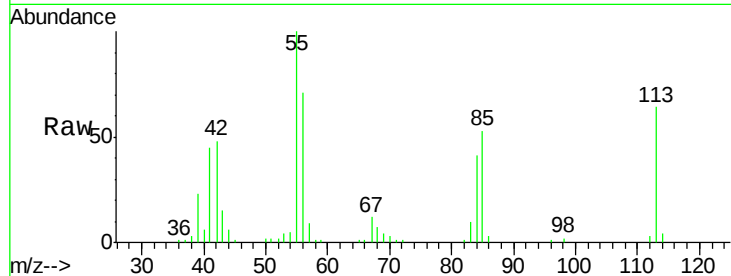




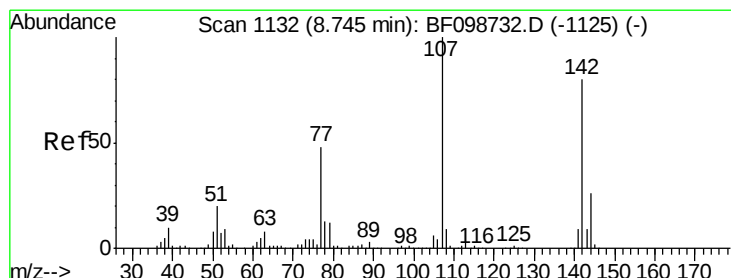
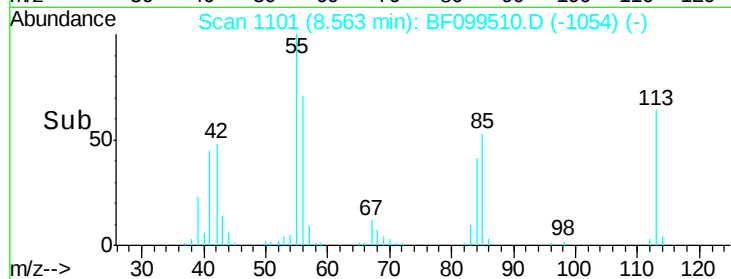
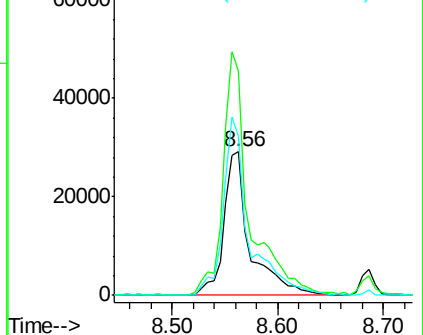
#35
Caprolactam
Concen: 29.88 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 50060
Ion Ratio Lower Upper
113 100
55 156.4 163.3 203.3#
56 110.9 115.7 155.7#

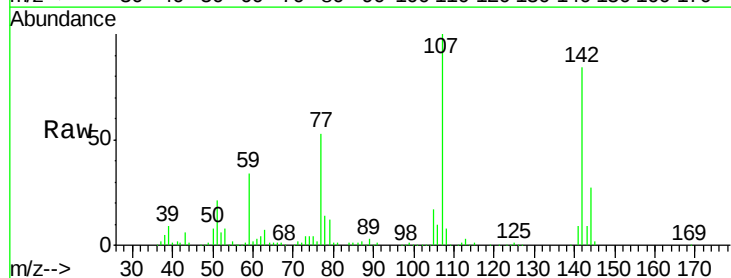


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

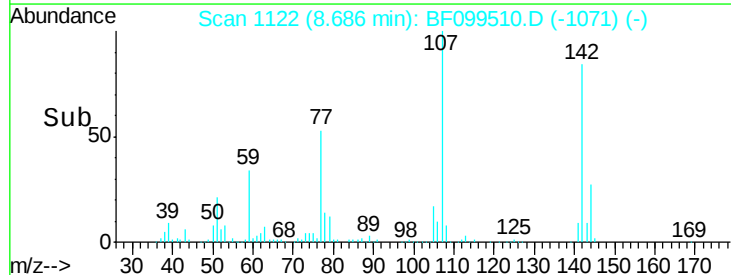
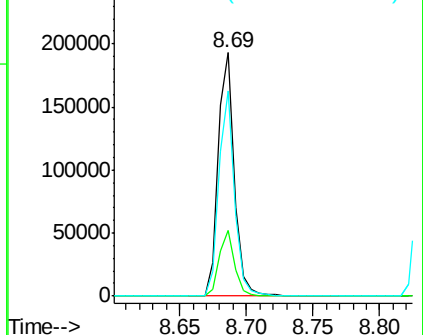


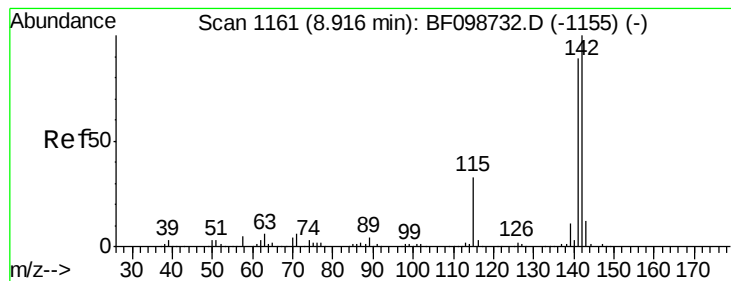
#36
4-Chloro-3-methylphenol
Concen: 28.29 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:107 Resp: 166072
Ion Ratio Lower Upper
107 100
144 27.0 20.5 30.7
142 84.1 62.0 93.0



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: 33.01 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

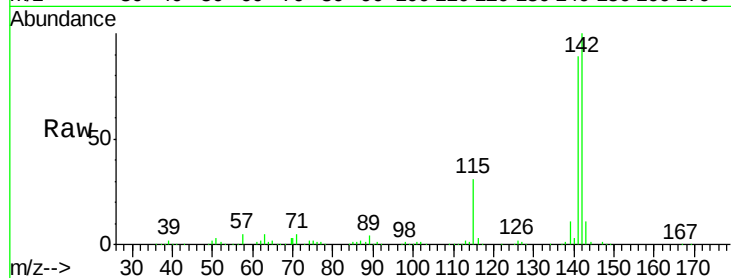
Tot Ion:142 Resp: 381702

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

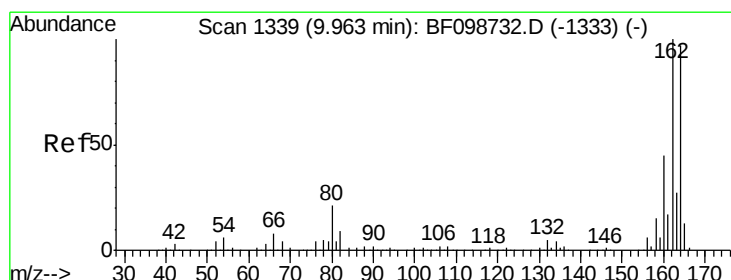
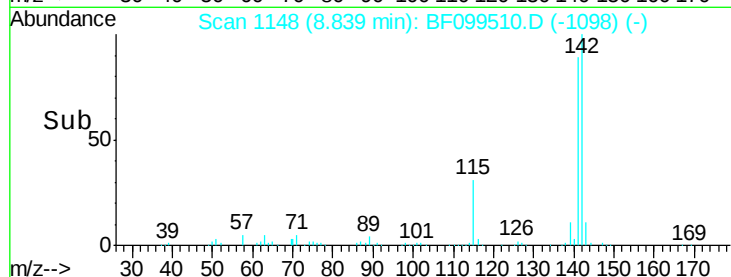
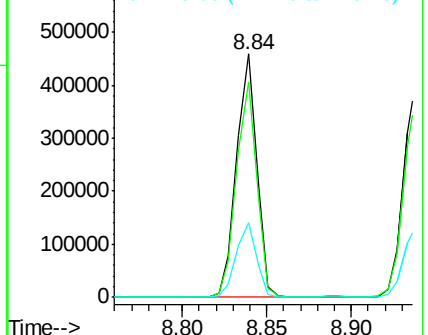
115 30.8 26.1 39.1



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

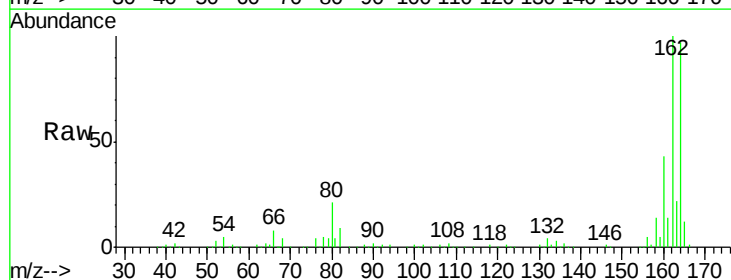
Tgt Ion:164 Resp: 167311

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

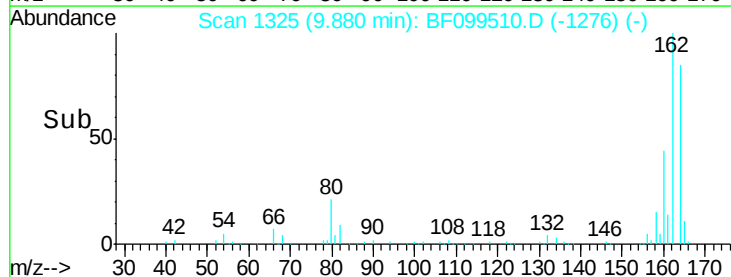
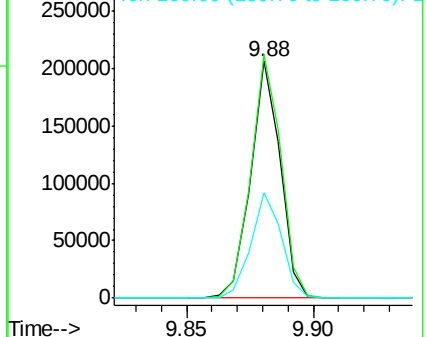
160 44.3 38.3 57.5

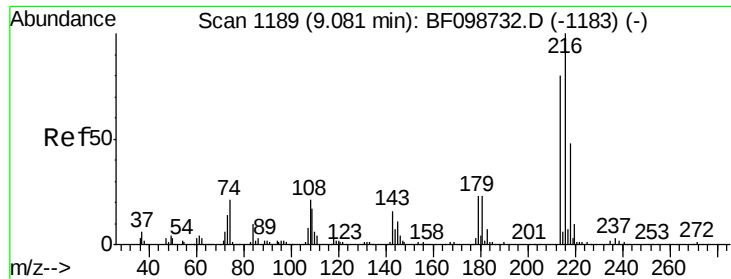


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

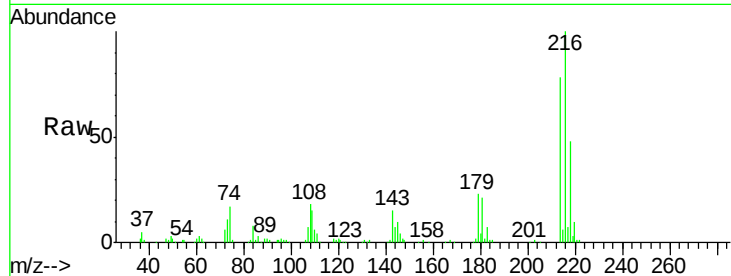




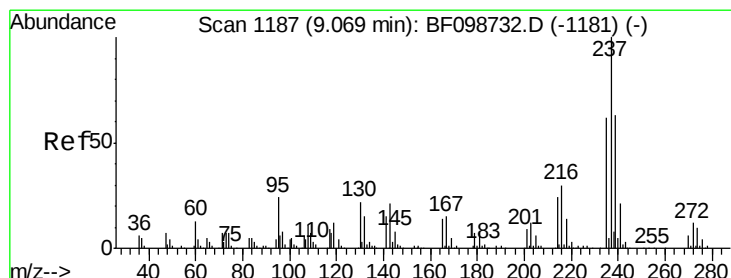
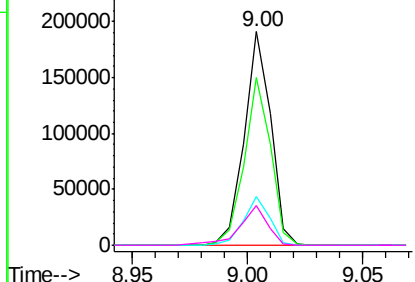
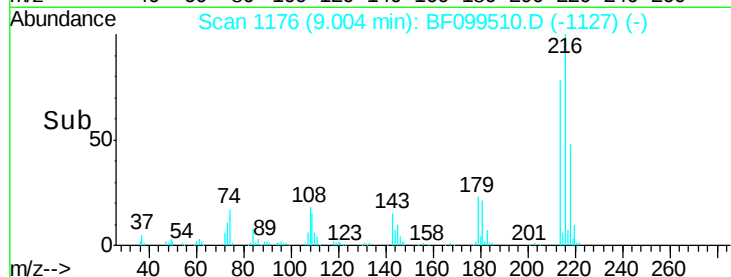
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.69 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	153127
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.0 94.4
179	22.4	18.1 27.1
108	19.6	17.2 25.8

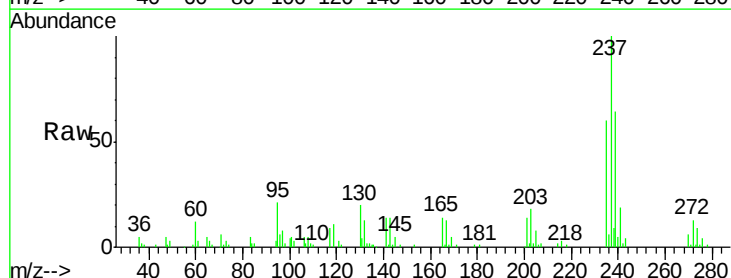


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

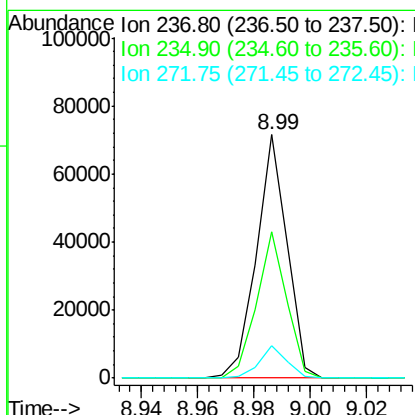
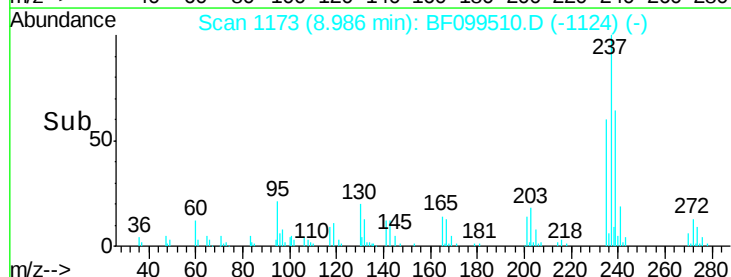


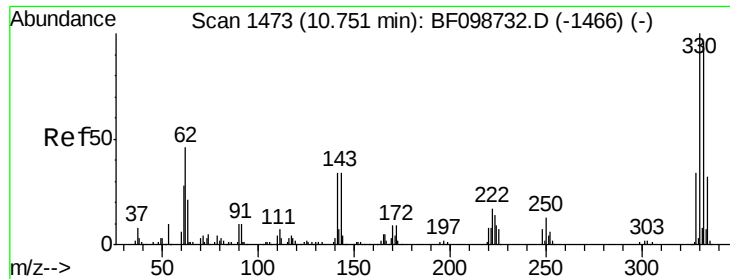
#40
 Hexachlorocyclopentadiene
 Concen: 23.59 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:237	Resp:	53783
Ion Ratio	Lower	Upper
237	100	
235	60.2	44.8 84.8
272	13.2	0.0 33.3



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

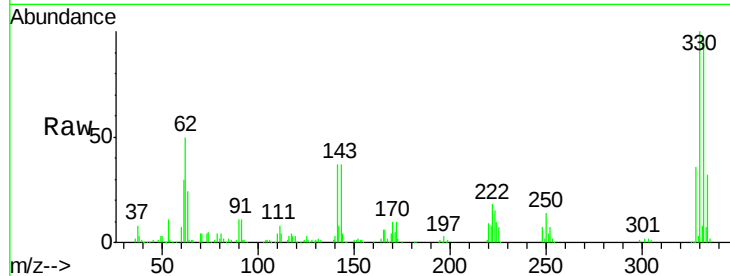




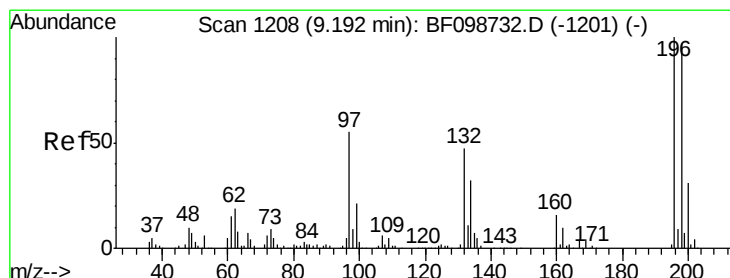
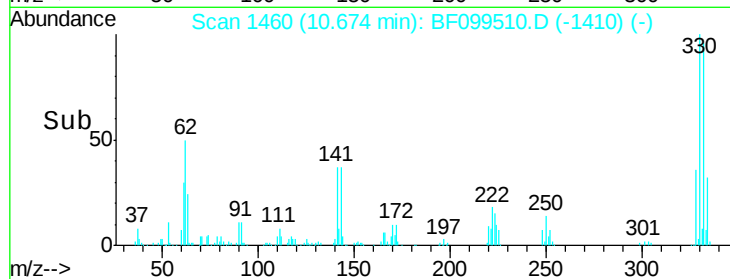
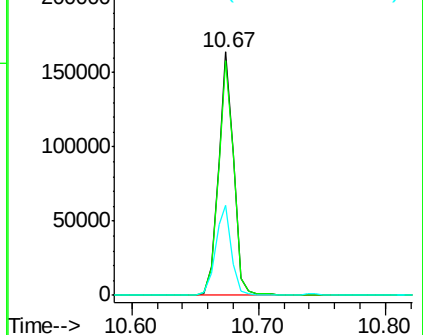
#41
 2,4,6-Tribromophenol
 Concen: 101.28 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 138655
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 38.6 29.9 44.9

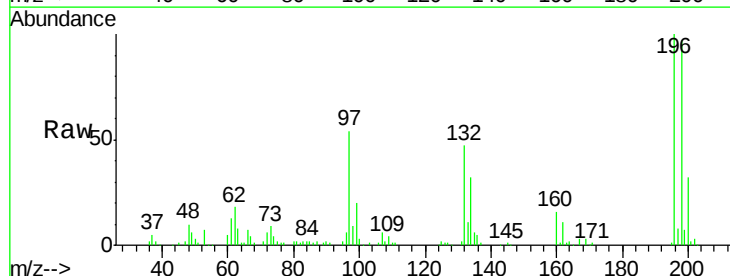


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

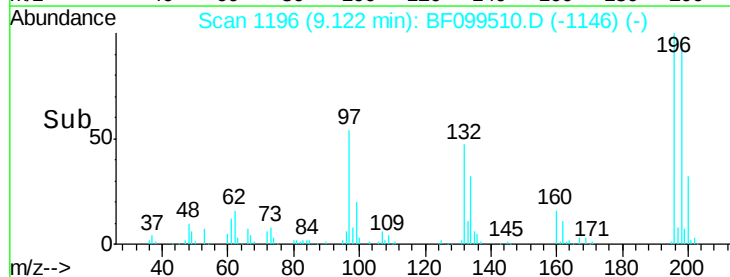
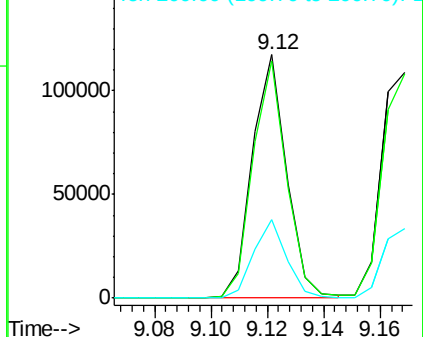


#42
 2,4,6-Trichlorophenol
 Concen: 27.91 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:196 Resp: 98646
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 32.1 24.5 36.7



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

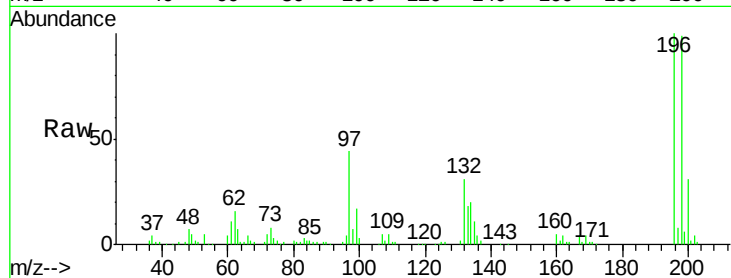




#43
 2,4,5-Trichlorophenol
 Concen: 30.26 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	74.6	112.0
97	43.6	42.9	64.3
132	30.7	26.3	39.5



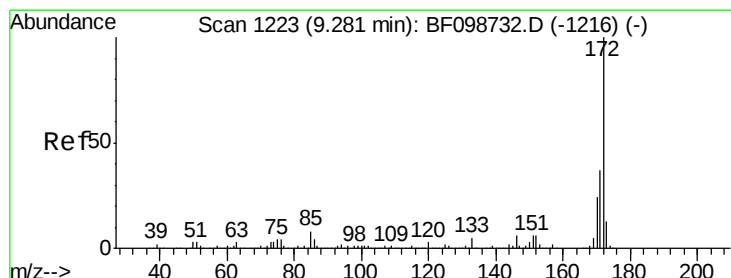
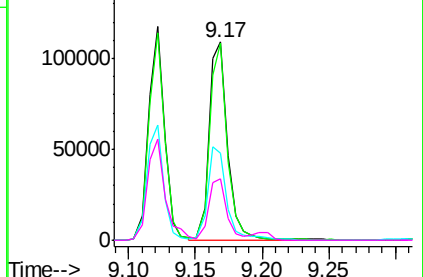
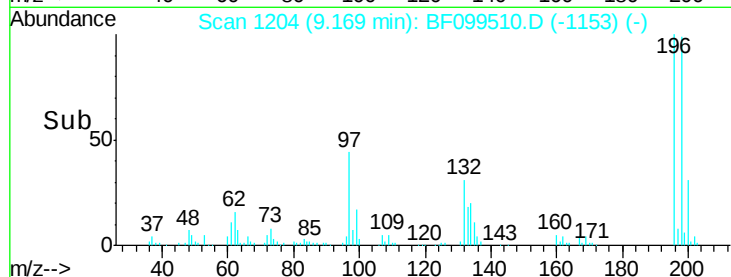
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

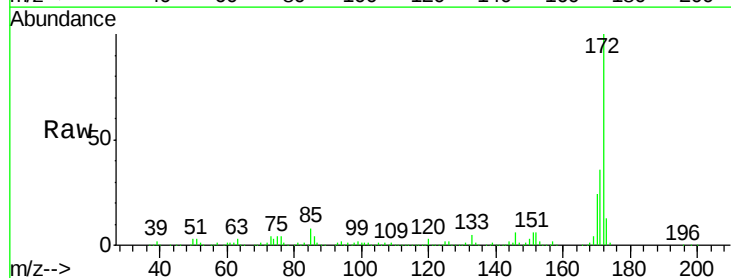
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.35 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4

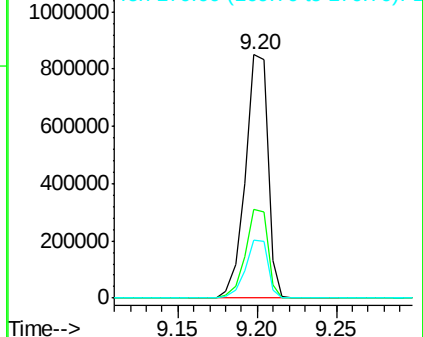
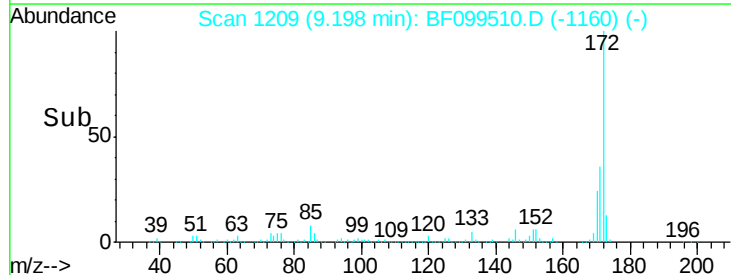


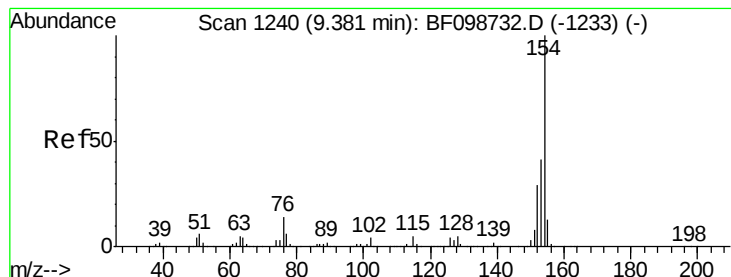
Abundance

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





#45

1,1'-Biphenyl

Concen: 31.10 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

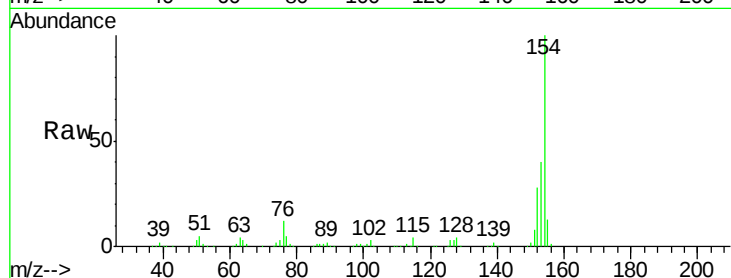
Tot Ion:154 Resp: 447217

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

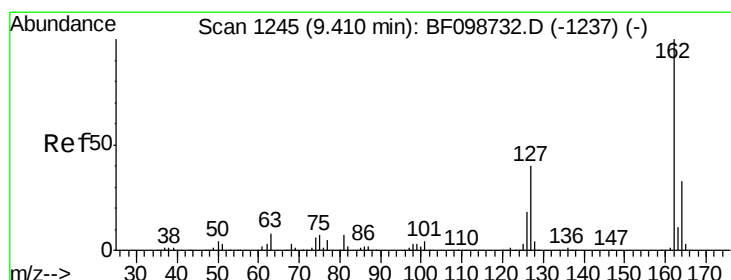
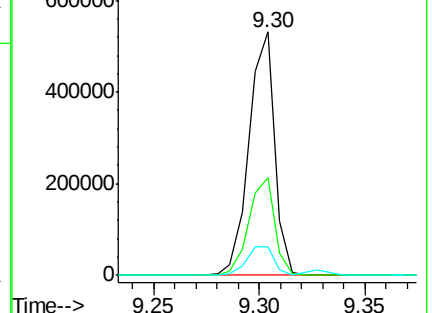
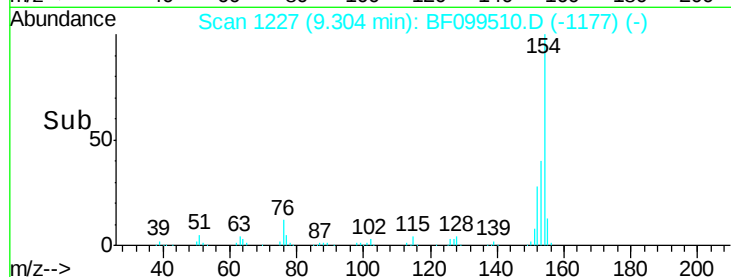
76 11.7 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 31.88 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

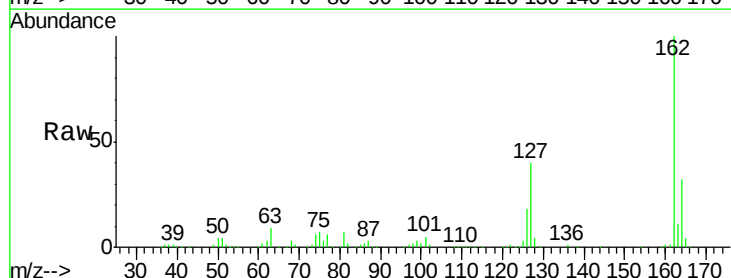
Tgt Ion:162 Resp: 344199

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

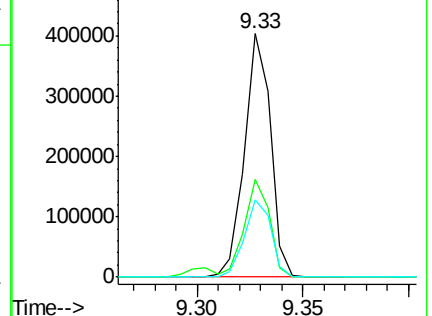
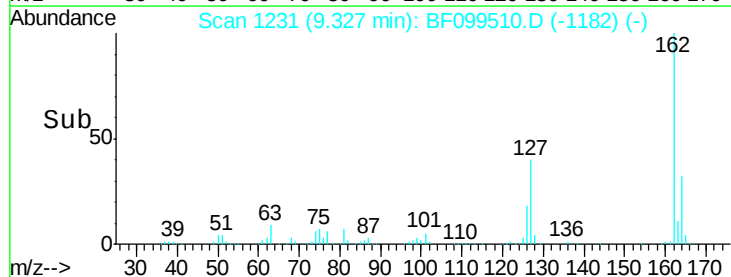
164 31.9 26.5 39.7

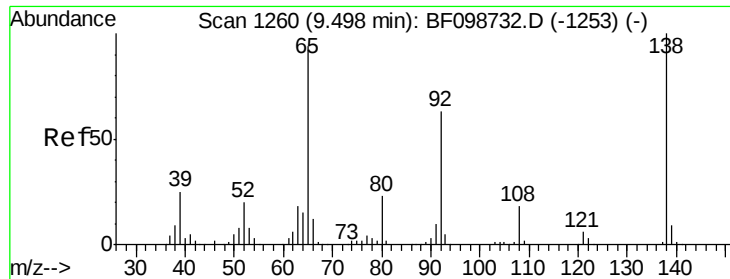


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

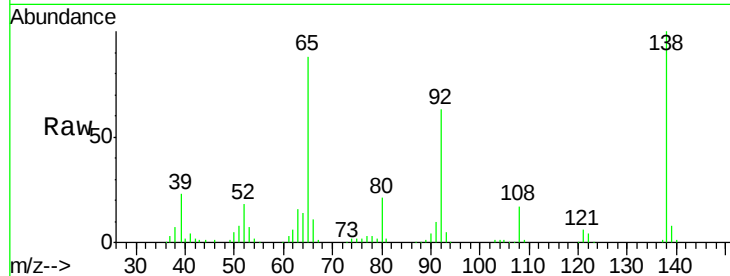




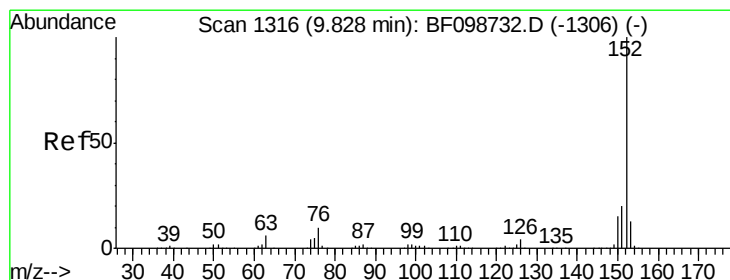
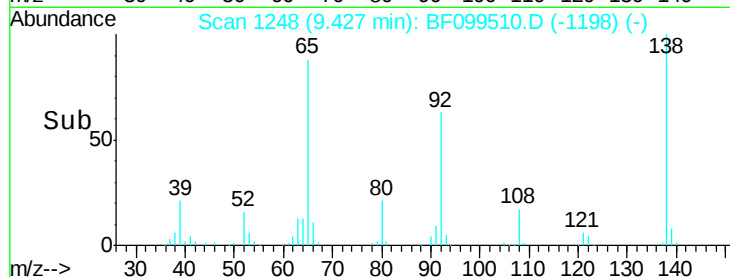
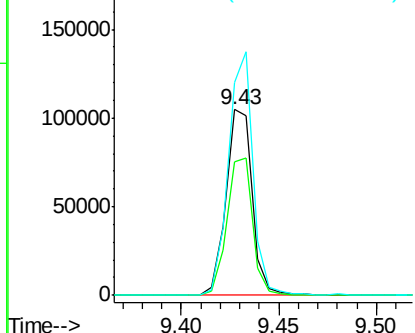
#47
2-Nitroaniline
Concen: 29.50 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 97521
Ion Ratio Lower Upper
65 100
92 71.9 55.8 83.6
138 114.3 91.2 136.8

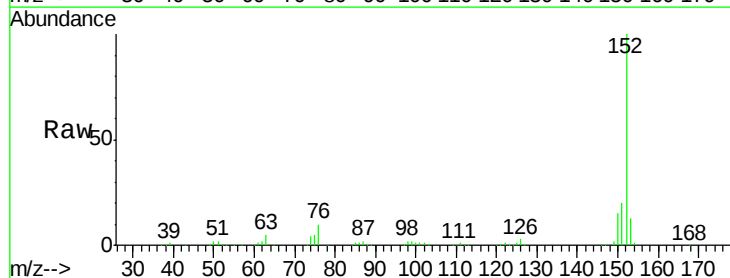


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

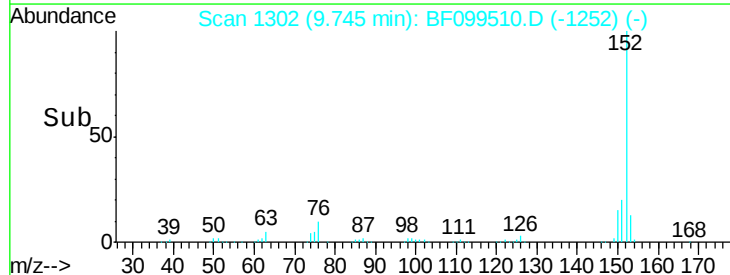
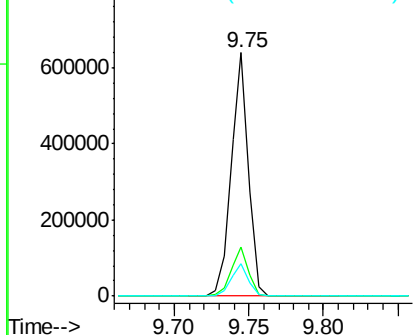


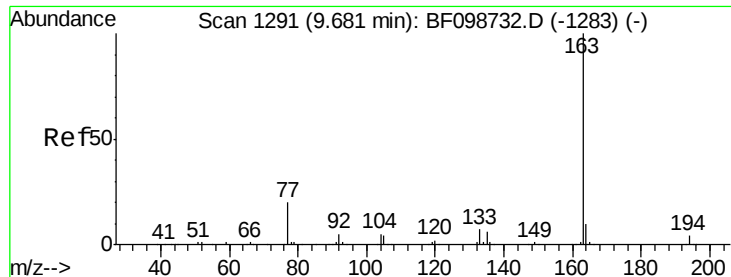
#48
Acenaphthylene
Concen: 31.48 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion: 152 Resp: 520245
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.3 10.7 16.1



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

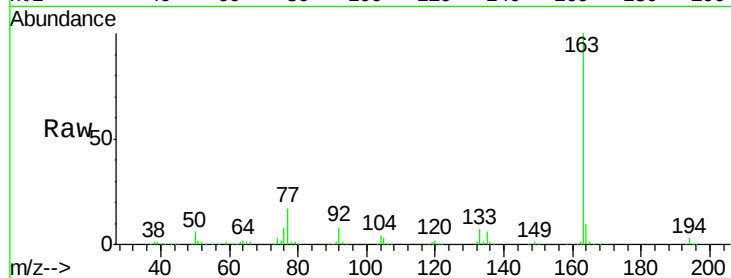




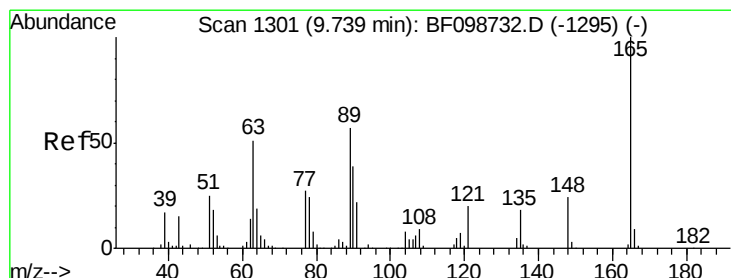
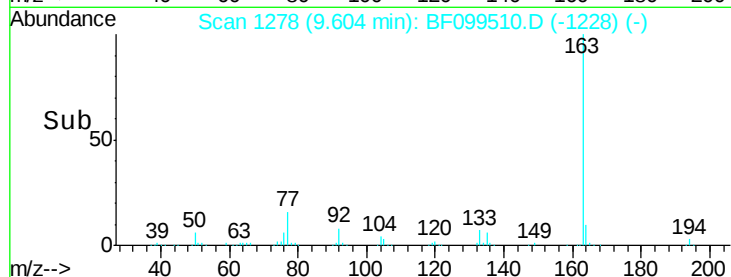
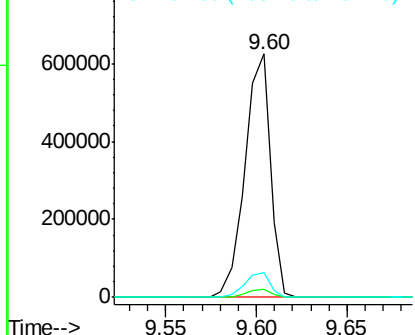
#49
Dimethylphthalate
Concen: 48.38 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

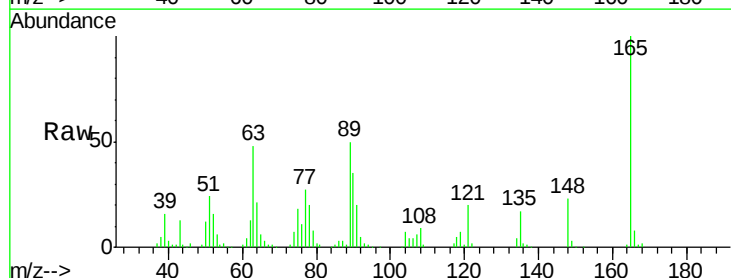


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

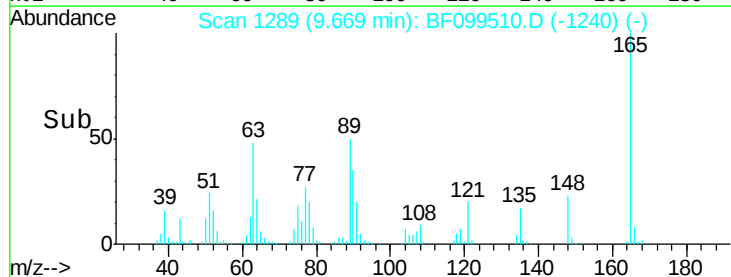
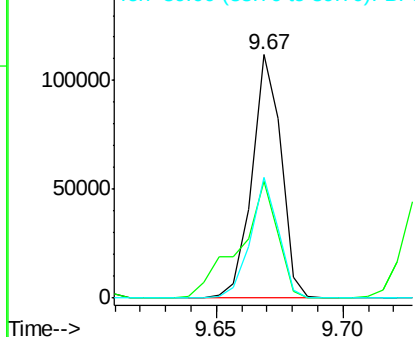


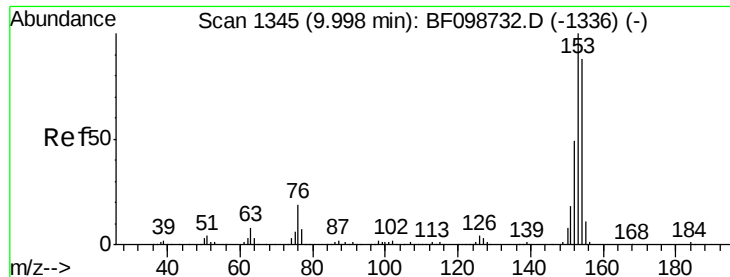
#50
2,6-Dinitrotoluene
Concen: 32.60 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	44.7	67.1
89	49.6	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 29.24 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

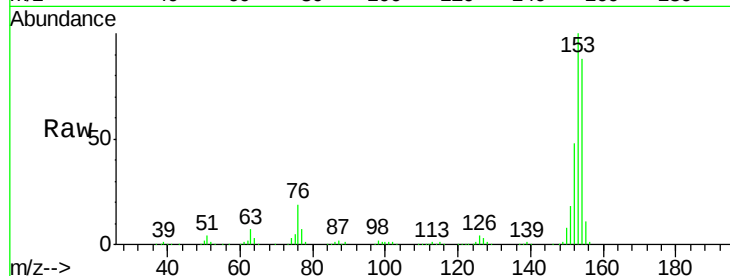
Tot Ion:154 Resp: 306107

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

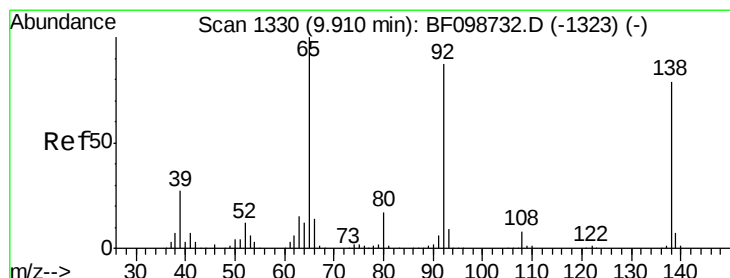
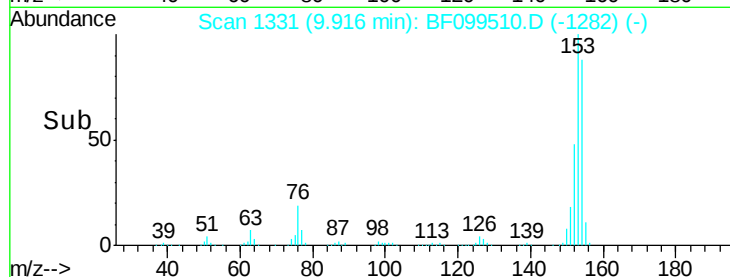
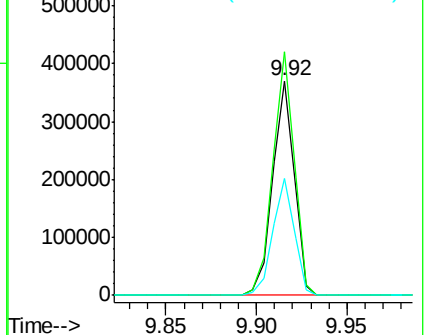
152 54.3 43.8 65.8



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



#52

3-Nitroaniline

Concen: 26.73 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

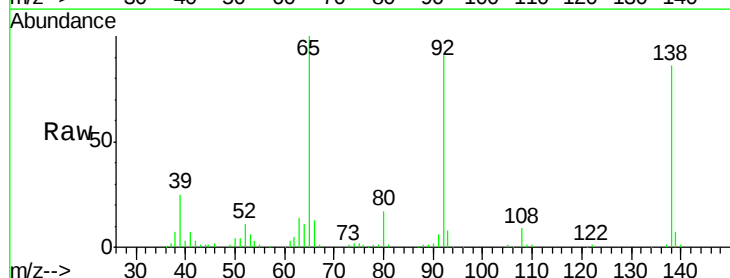
Tgt Ion:138 Resp: 85667

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

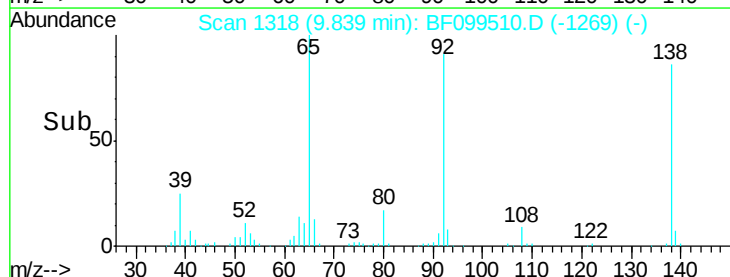
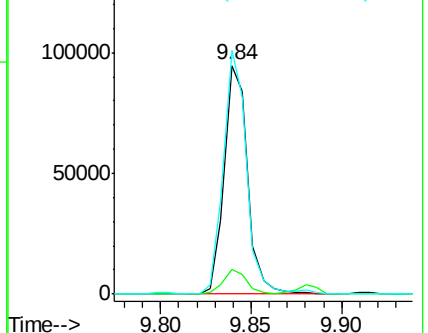
92 106.5 89.4 134.2

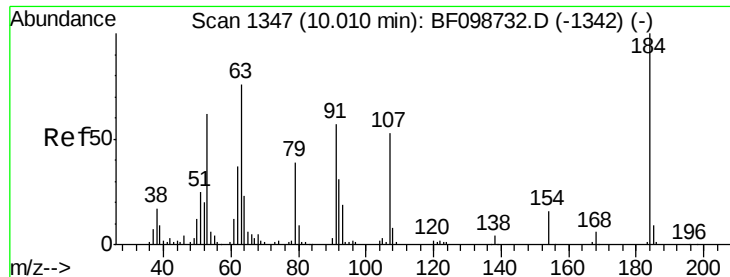


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

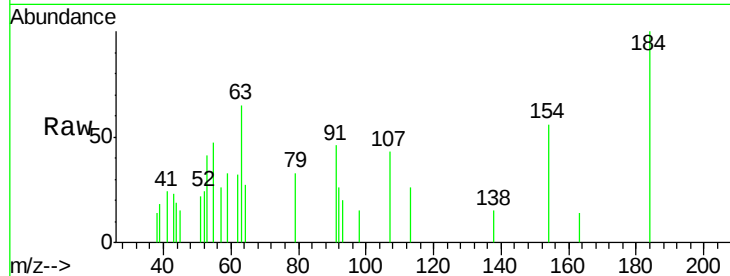




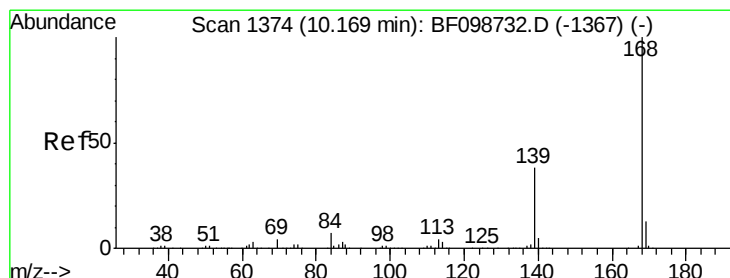
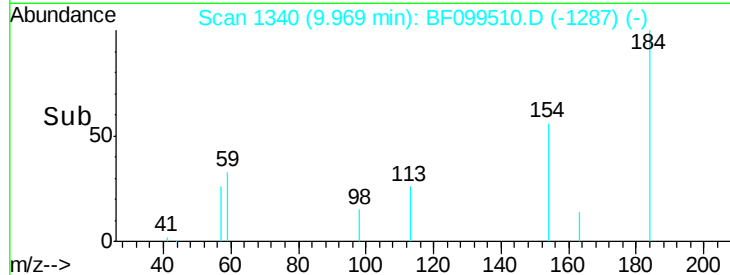
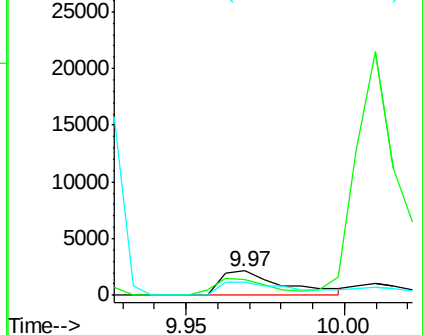
#53
2,4-Dinitrophenol
Concen: 7.73 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 2935
Ion Ratio Lower Upper
184 100
63 65.5 54.2 81.2
154 55.6 53.5 80.3

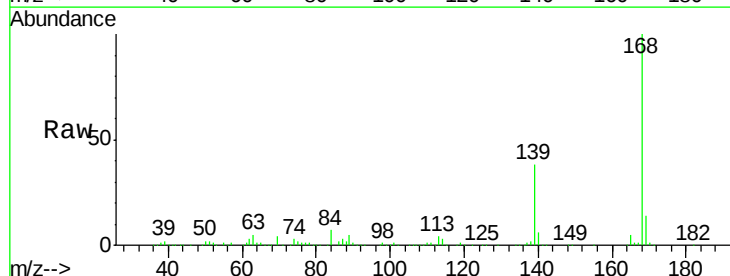


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

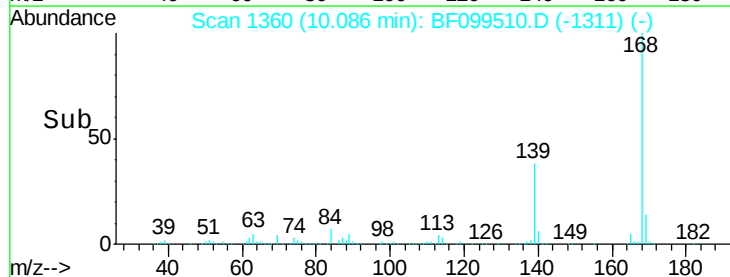
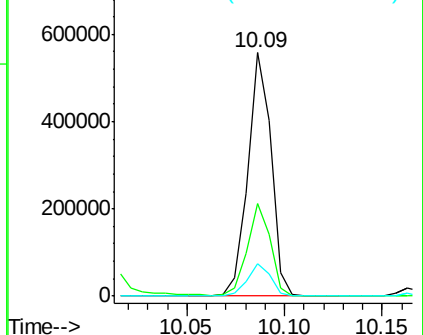


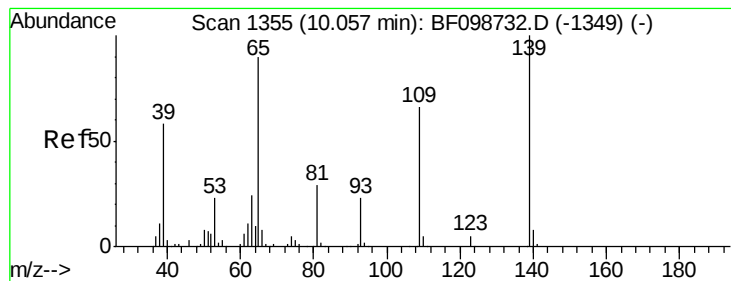
#54
Dibenzofuran
Concen: 32.93 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:168 Resp: 459055
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.5 10.9 16.3



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





#55

4-Nitrophenol

Concen: 32.21 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

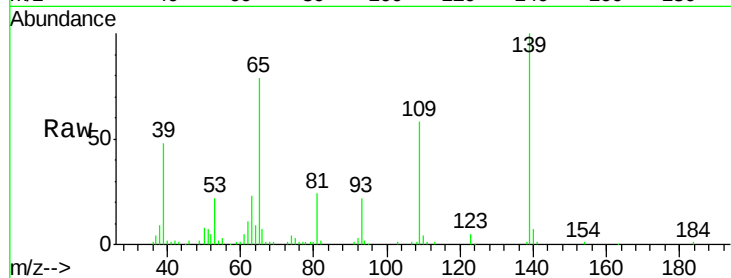
Tot Ion:139 Resp: 87293

Ion Ratio Lower Upper

139 100

109 58.0 48.4 88.4

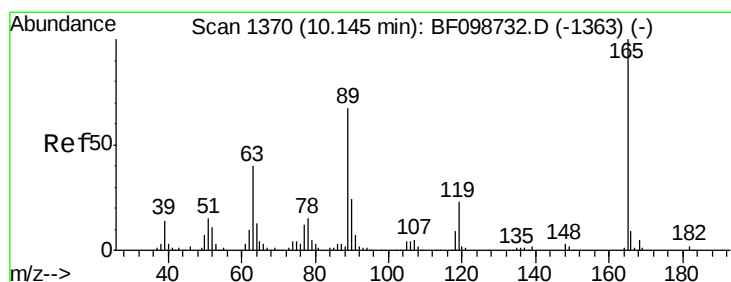
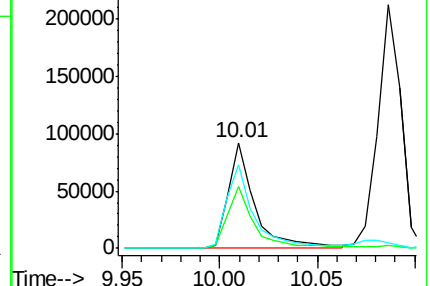
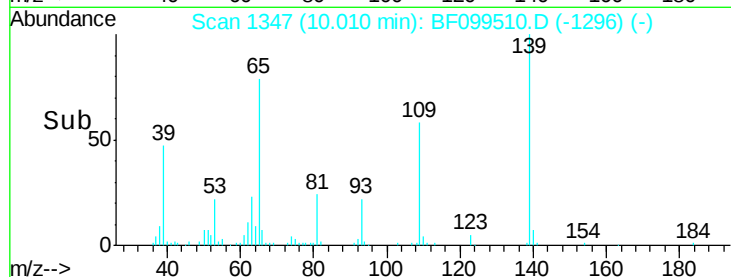
65 79.3 72.6 112.6



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): BF0



#56

2,4-Dinitrotoluene

Concen: 31.09 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Tgt Ion:165 Resp: 110939

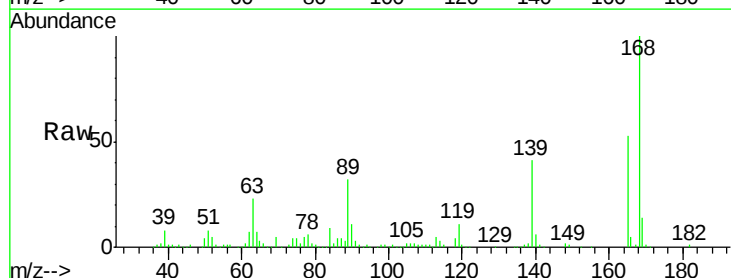
Ion Ratio Lower Upper

165 100

63 42.4 36.4 54.6

89 61.0 57.8 86.6

182 2.4 1.6 2.4

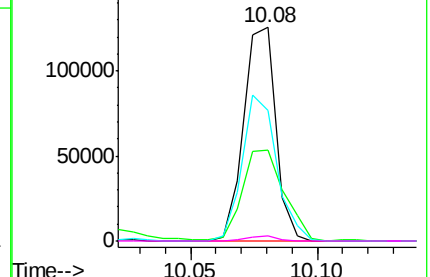
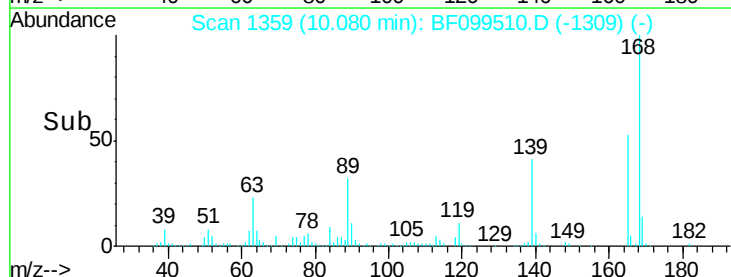


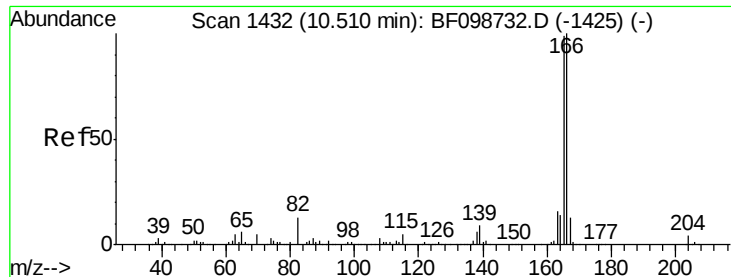
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

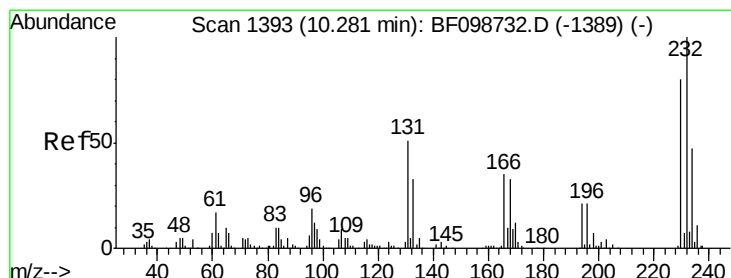
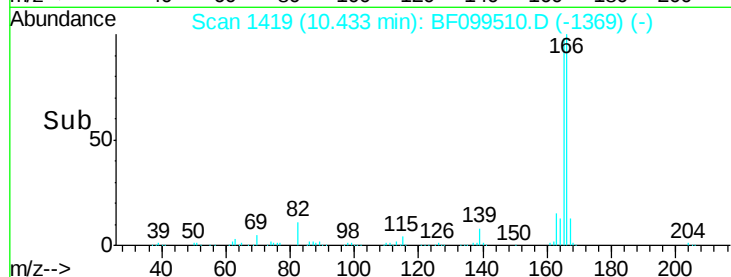
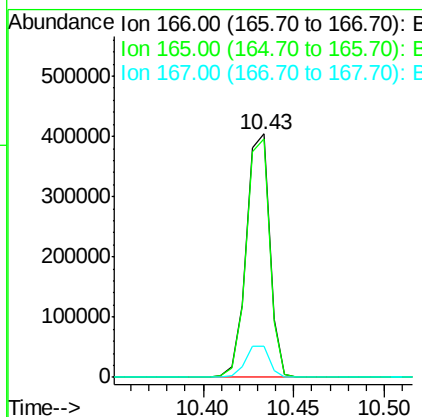
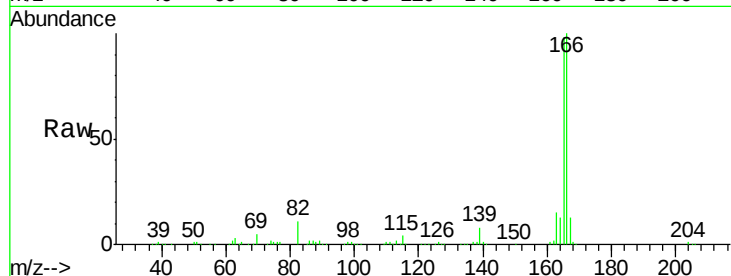




#57
 Fluorene
 Concen: 32.38 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

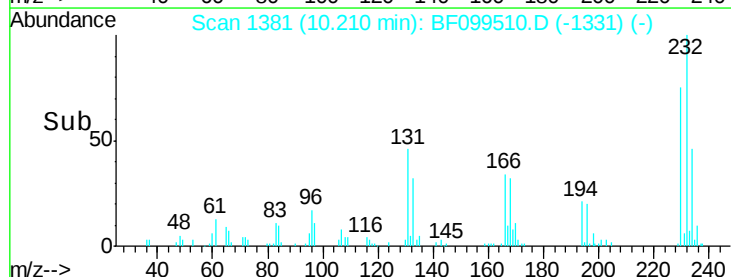
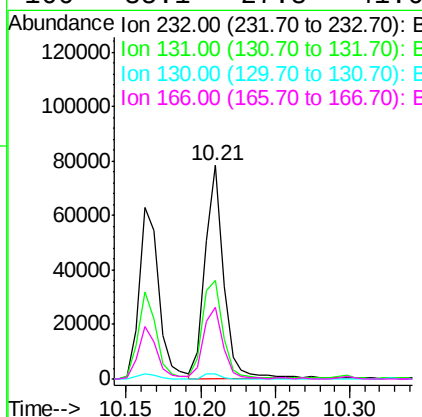
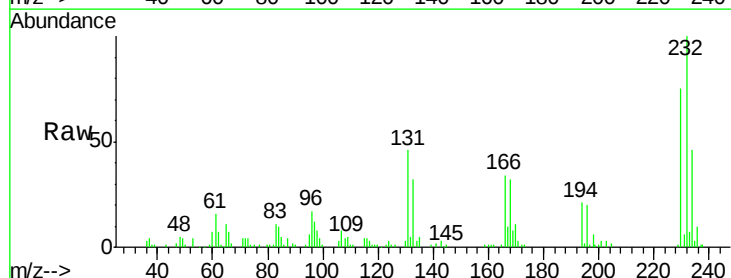
Instrument :
 BNA_F
 ClientSampled :

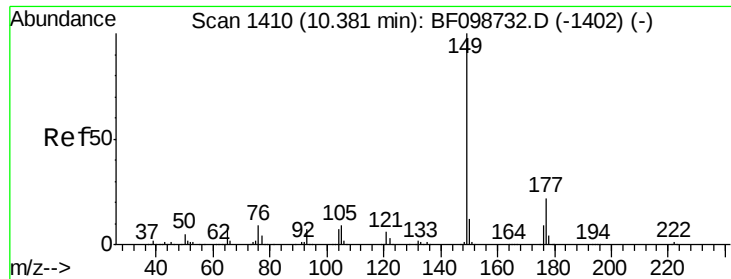
Tot Ion:166 Resp: 362742
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 12.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.61 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:232 Resp: 67304
 Ion Ratio Lower Upper
 232 100
 131 53.8 43.8 65.8
 130 2.4 2.1 3.1
 166 35.1 27.8 41.6

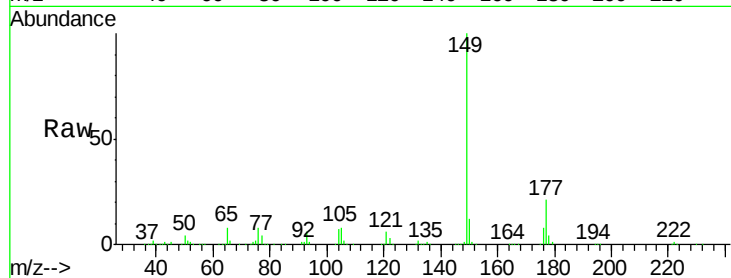




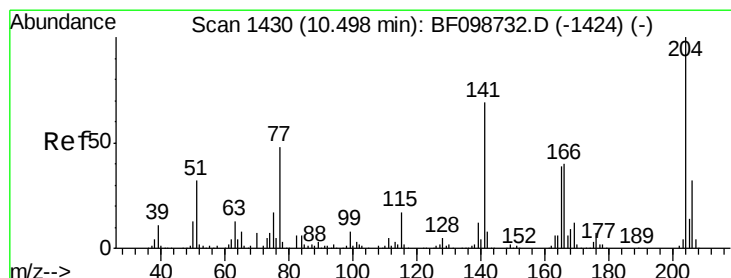
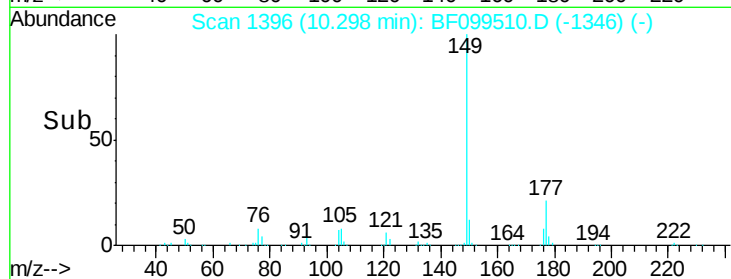
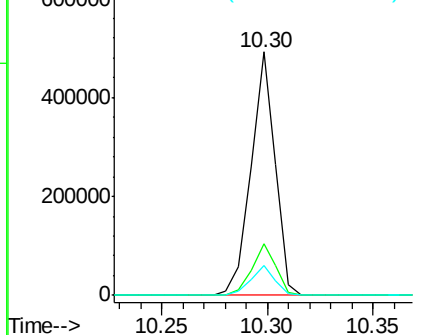
#59
Diethylphthalate
Concen: 31.70 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 391130
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.5 10.1 15.1

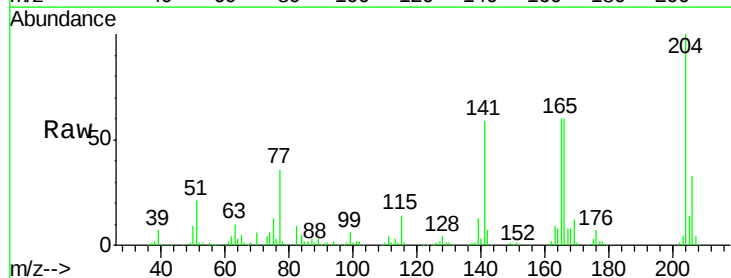


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

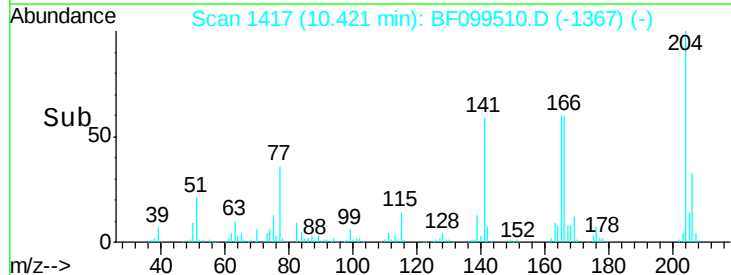
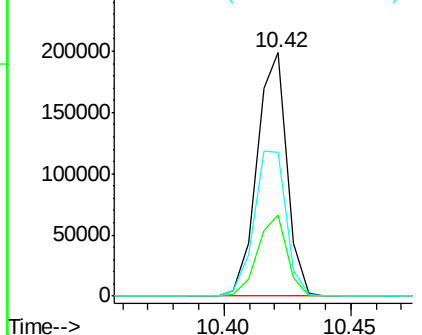


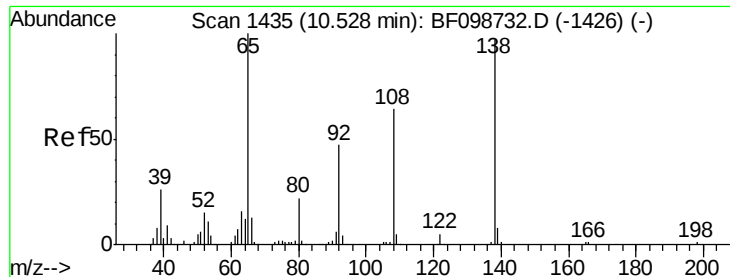
#60
4-Chlorophenyl-phenylether
Concen: 32.48 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:204 Resp: 163448
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.1 54.6 81.8



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

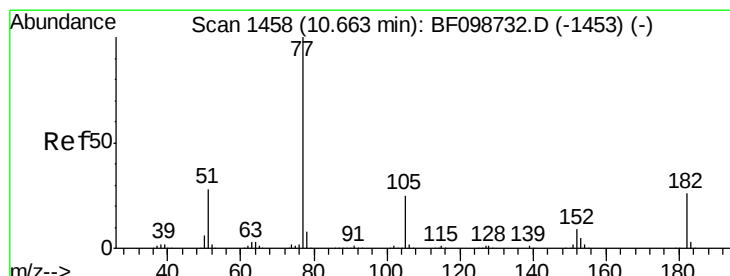
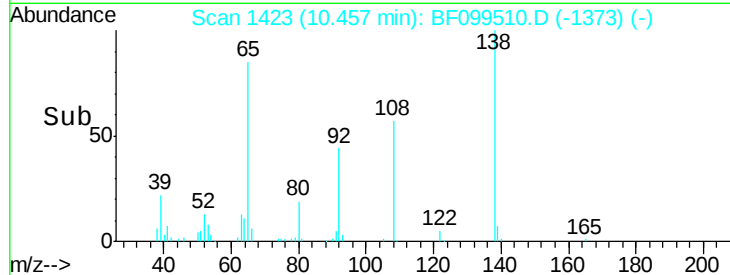
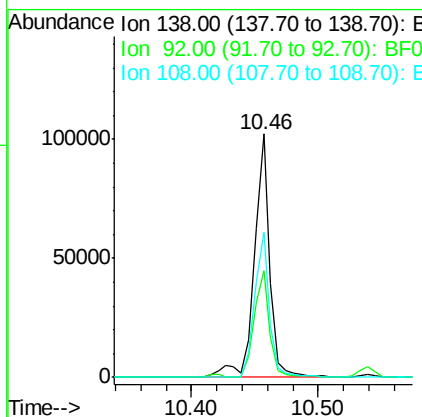
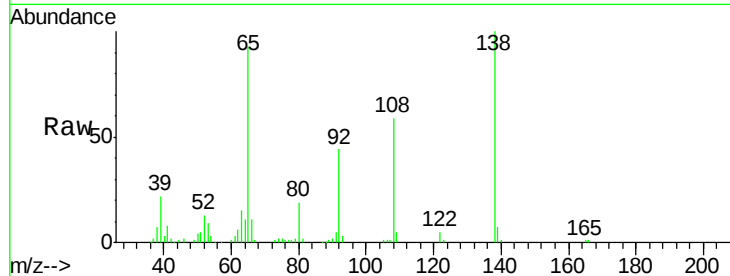




#61
 4-Nitroaniline
 Concen: 28.51 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

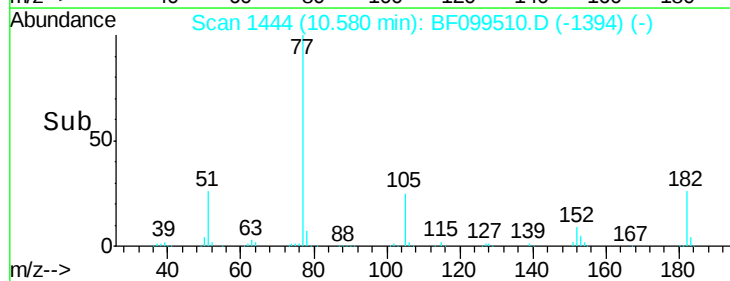
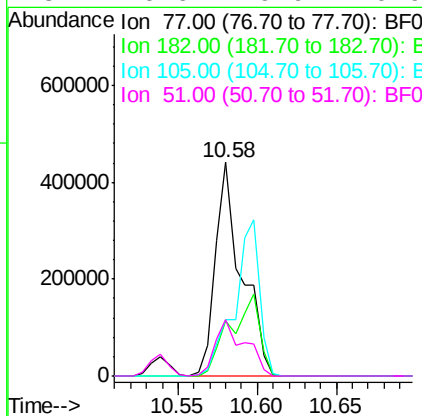
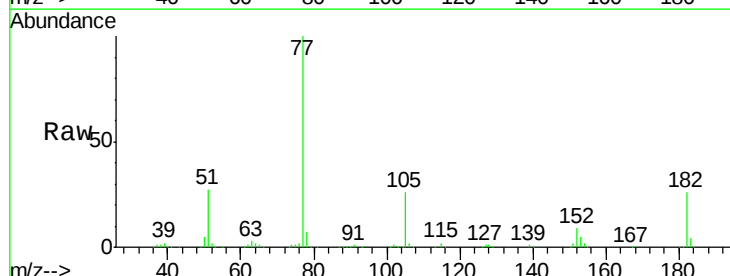
Instrument :
 BNA_F
 ClientSampleId :

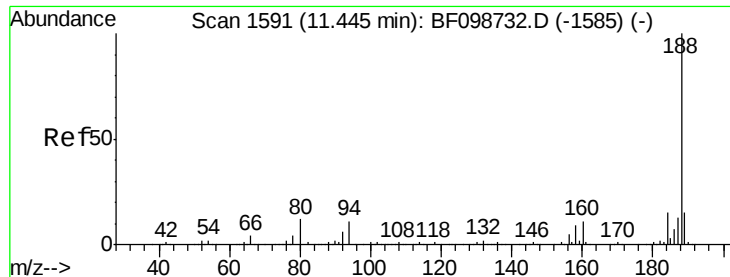
Tot Ion:138 Resp: 88174
 Ion Ratio Lower Upper
 138 100
 92 43.6 30.2 70.2
 108 59.5 52.5 92.5



#62
 Azobenzene
 Concen: 44.67 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion: 77 Resp: 506745
 Ion Ratio Lower Upper
 77 100
 182 25.9 1.7 41.7
 105 26.5 3.0 43.0
 51 26.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

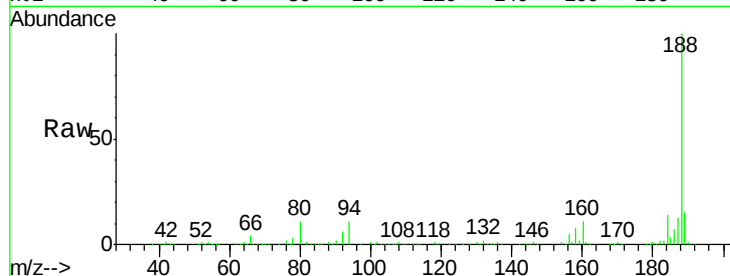
Tot Ion:188 Resp: 272111

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

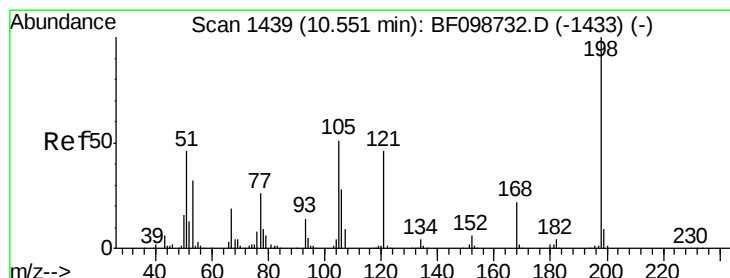
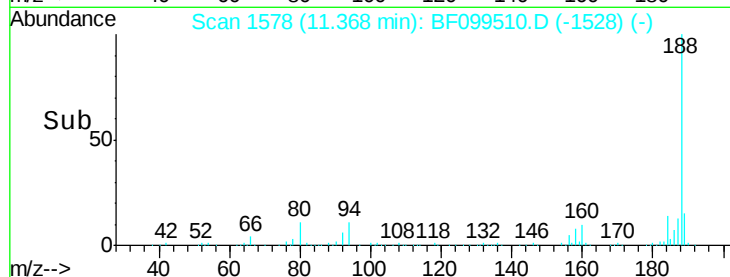
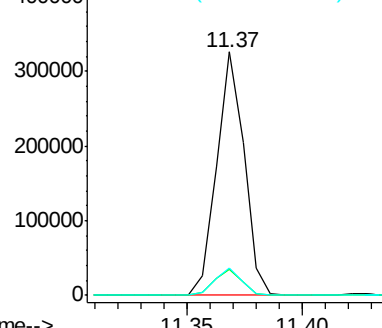
80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 7.49 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

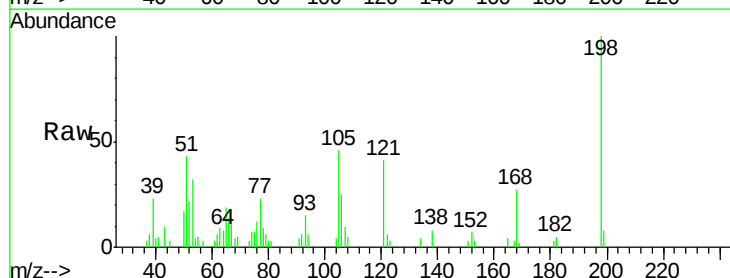
Tgt Ion:198 Resp: 12398

Ion Ratio Lower Upper

198 100

51 42.9 37.7 77.7

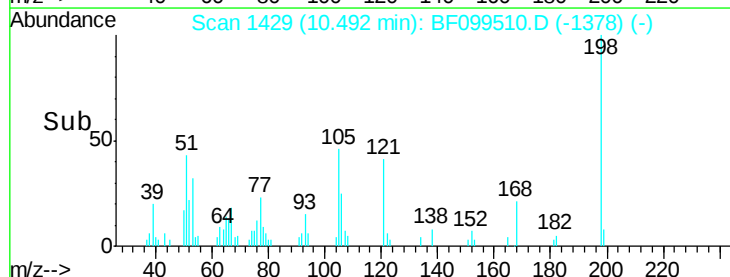
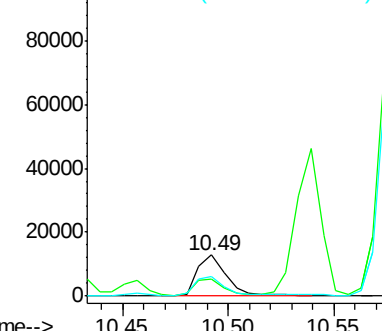
105 46.3 36.3 76.3

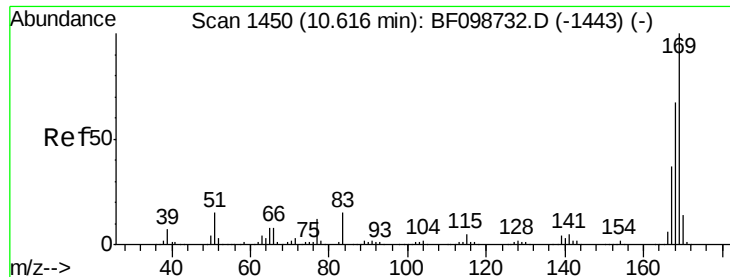


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

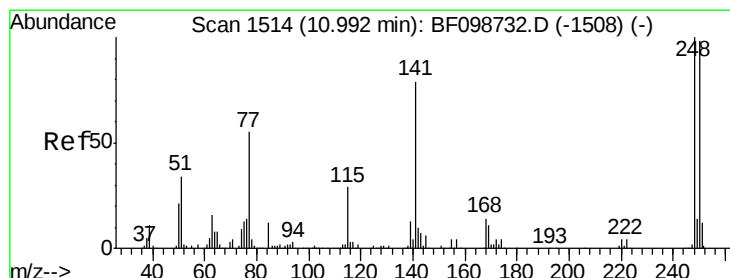
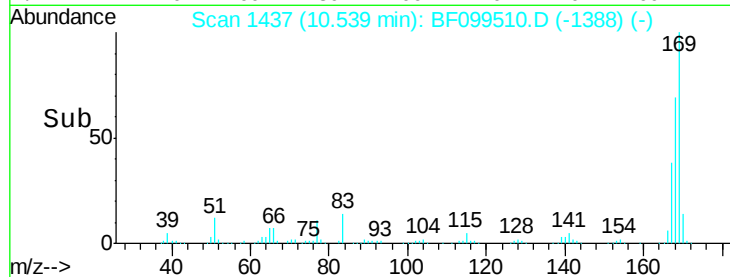
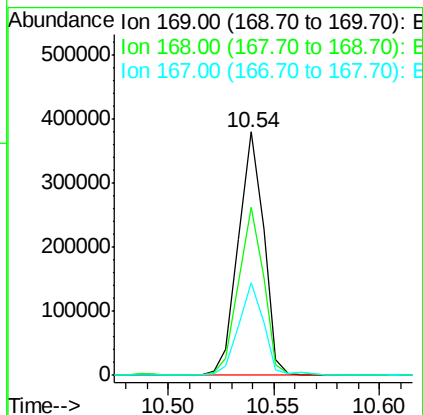
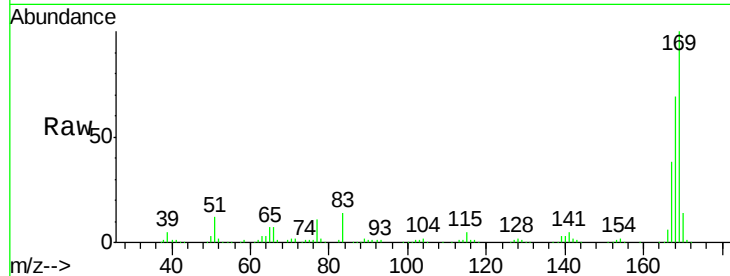




#65
 n-Nitrosodiphenylamine
 Concen: 33.58 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

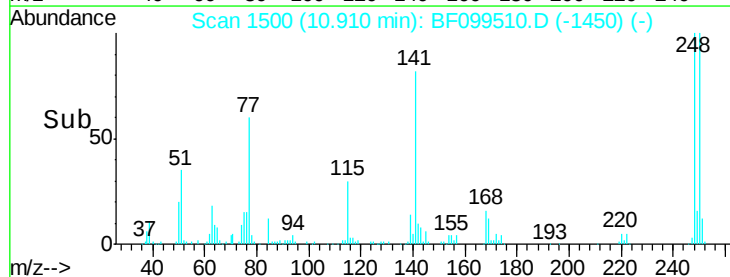
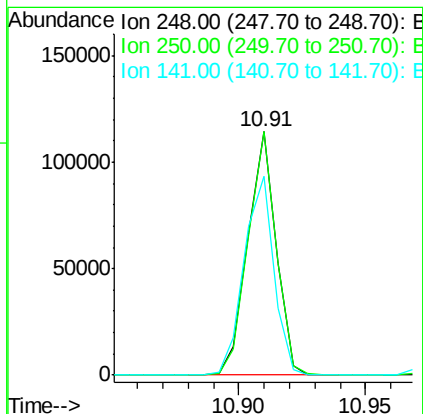
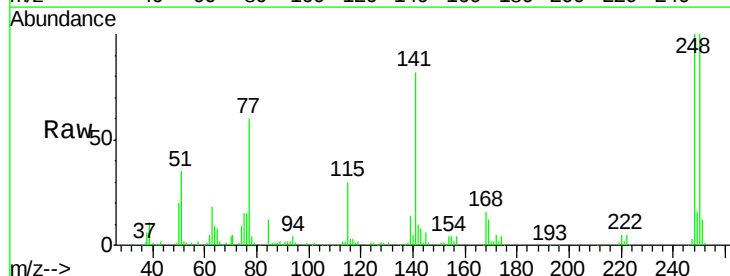
Instrument :
 BNA_F
 ClientSampleId :

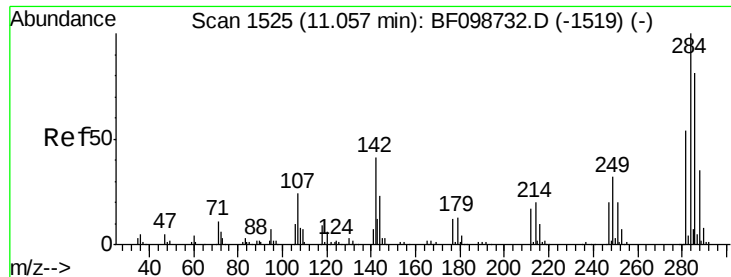
Tot Ion:169 Resp: 316581
 Ion Ratio Lower Upper
 169 100
 168 69.2 54.4 81.6
 167 37.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 33.55 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:248 Resp: 89351
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.9 115.3
 141 81.9 74.4 111.6

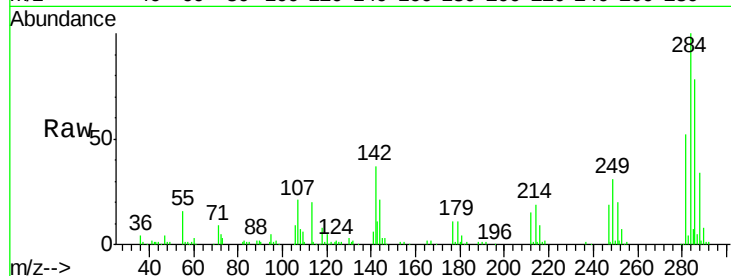




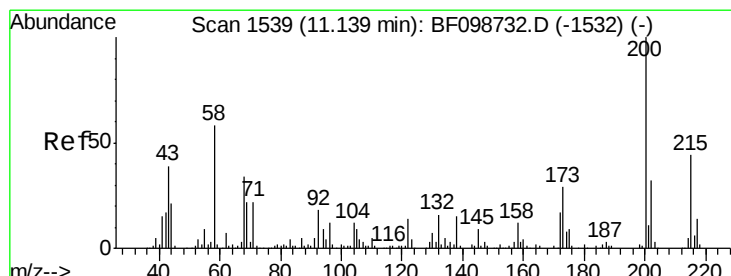
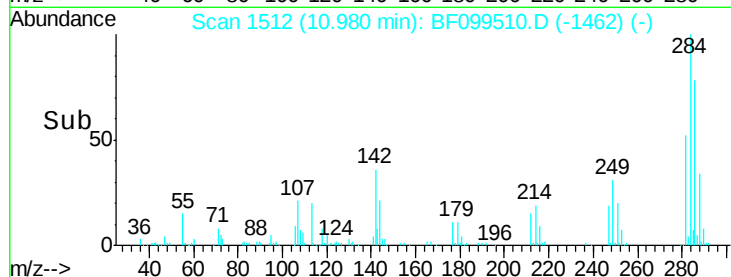
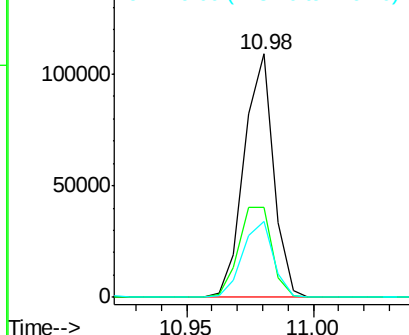
#67
Hexachlorobenzene
Concen: 30.79 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 87580
Ion Ratio Lower Upper
284 100
142 36.7 34.6 52.0
249 31.1 24.8 37.2

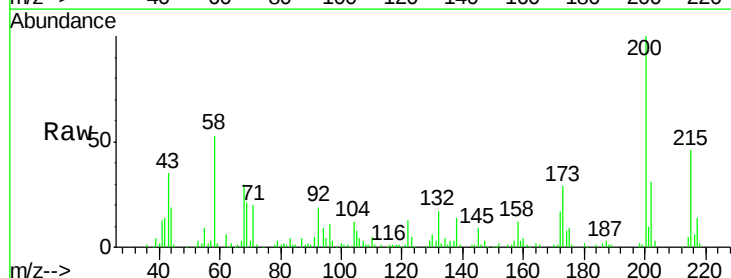


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

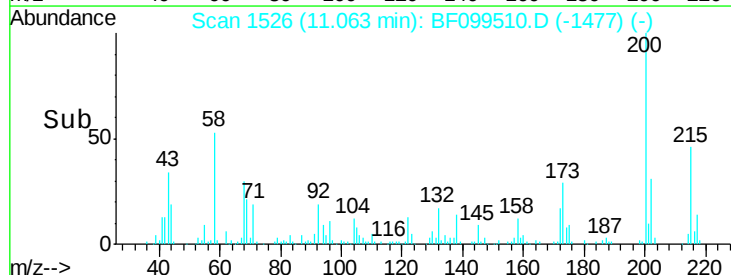
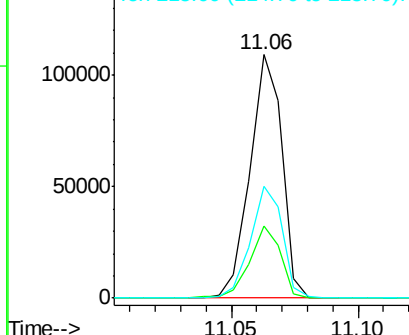


#68
Atrazine
Concen: 33.76 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:200 Resp: 95756
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 45.9 25.1 65.1



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

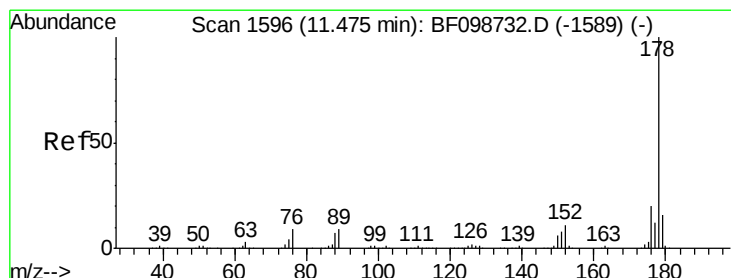
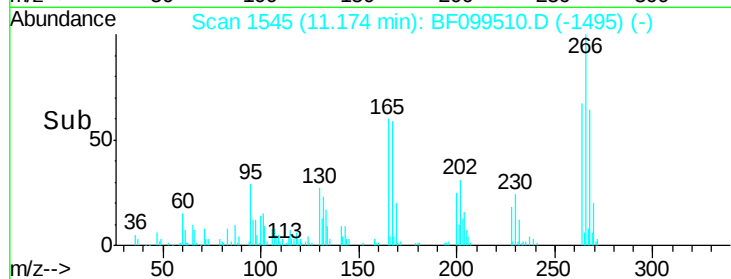
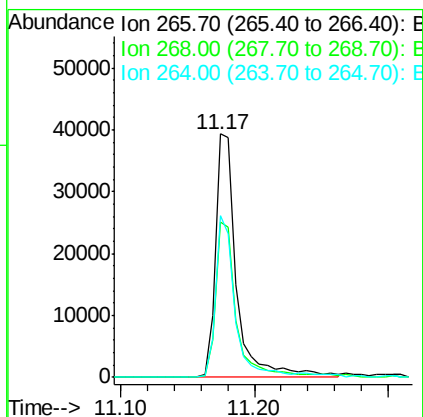
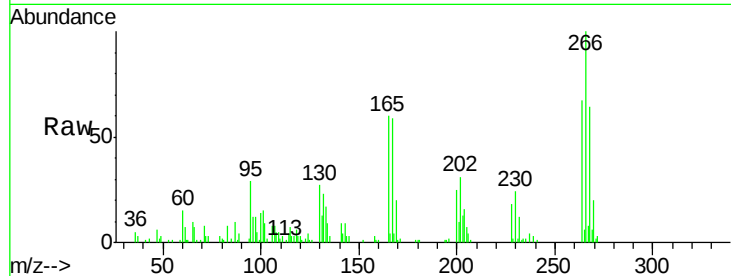




#69
 Pentachlorophenol
 Concen: 24.84 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

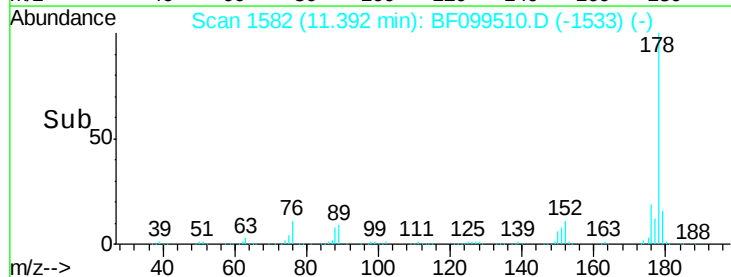
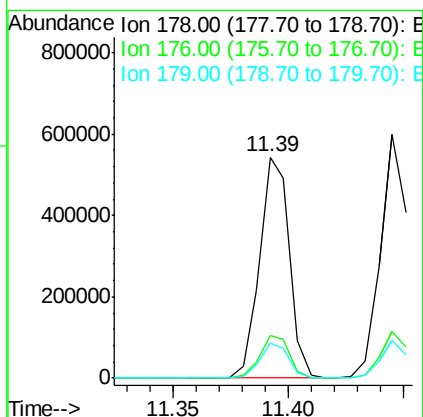
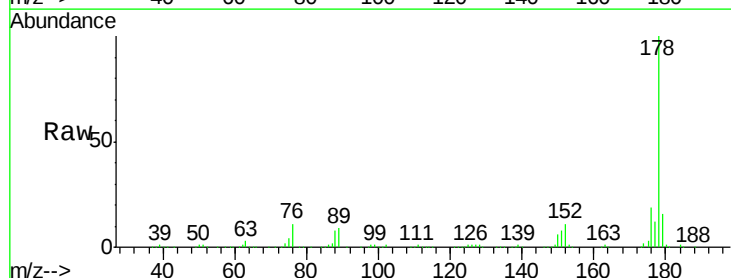
Instrument :
 BNA_F
 ClientSampleId :

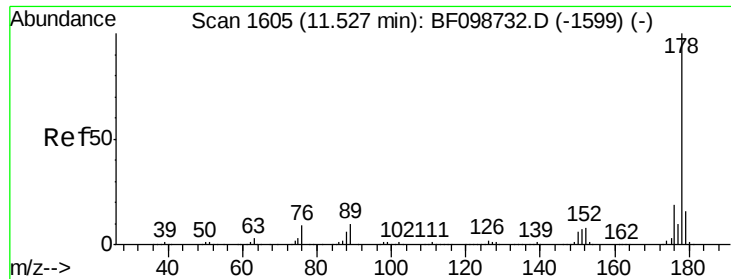
Tot Ion:266 Resp: 43978
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 66.6 49.5 74.3



#70
 Phenanthrene
 Concen: 33.59 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:178 Resp: 489295
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 16.1 13.0 19.6

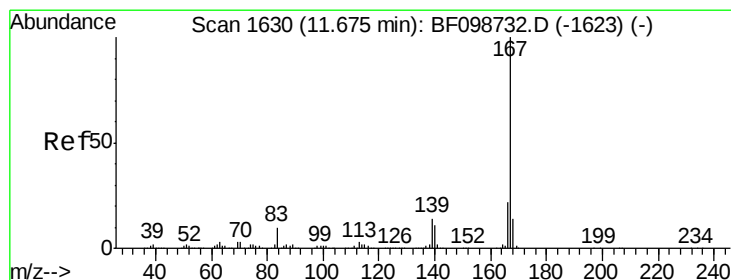
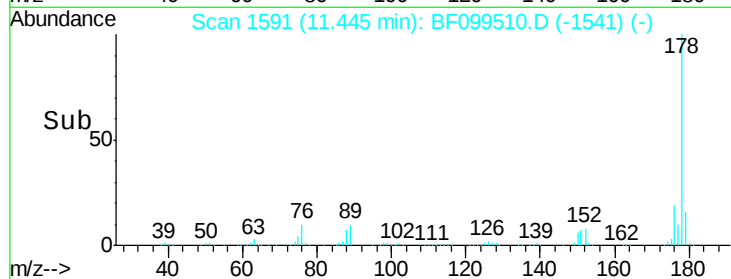
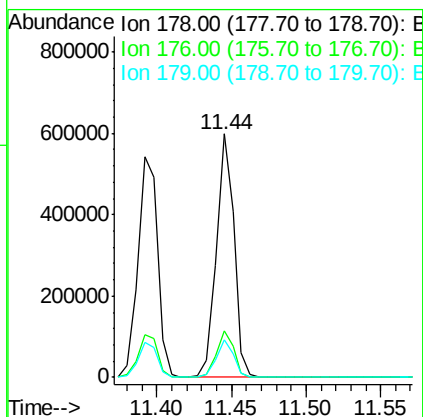
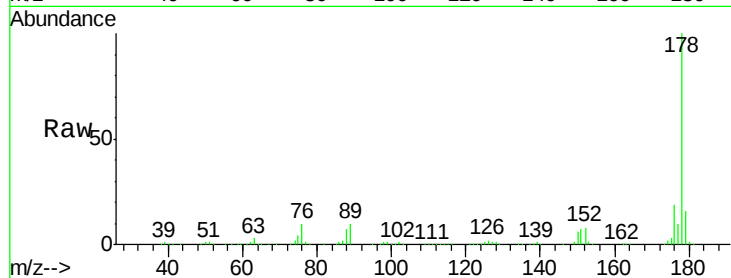




#71
 Anthracene
 Concen: 33.05 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

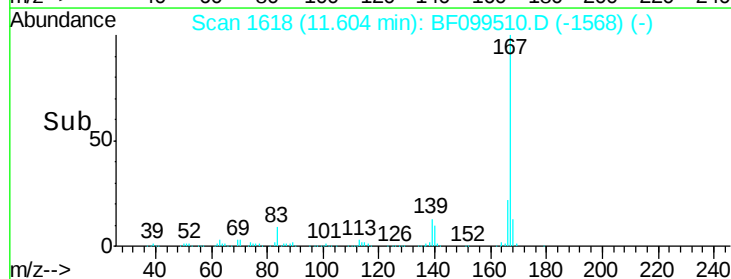
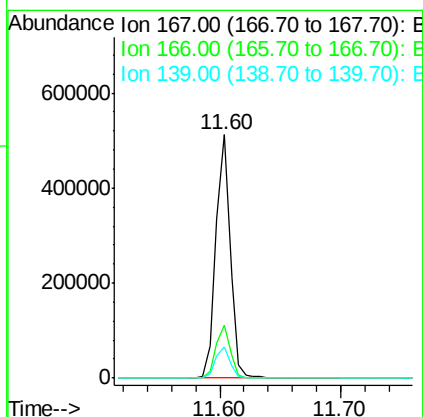
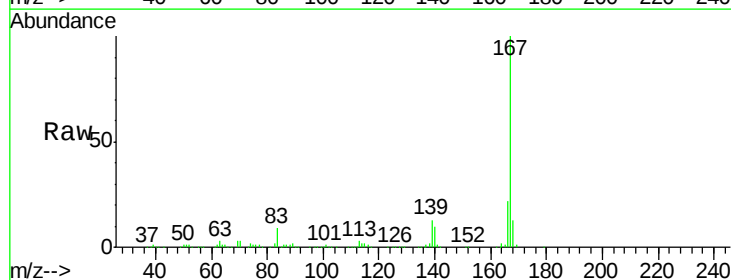
Instrument :
 BNA_F
 ClientSampleId :

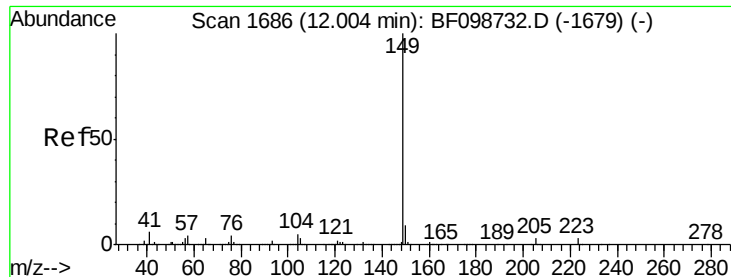
Tot Ion:178 Resp: 492492
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 28.60 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:167 Resp: 417449
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.99 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

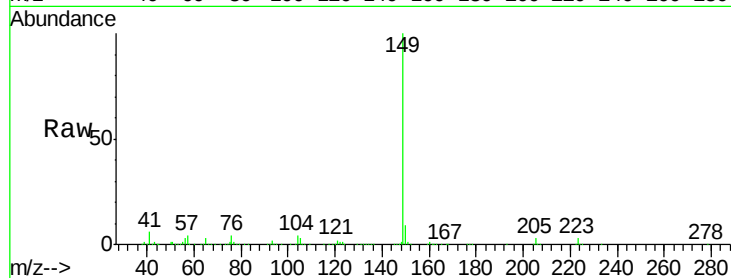
Tot Ion:149 Resp: 579565

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

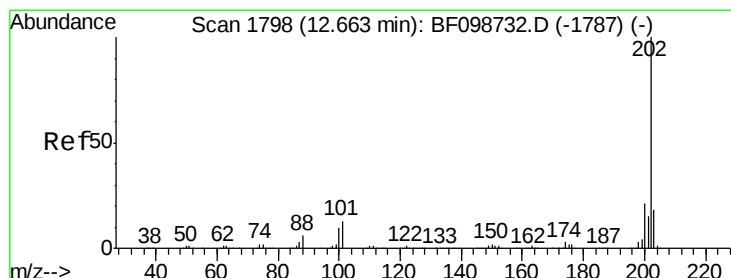
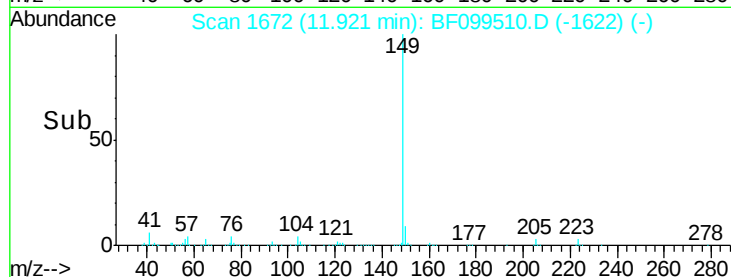
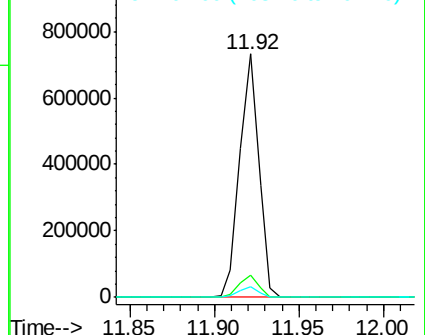
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.20 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

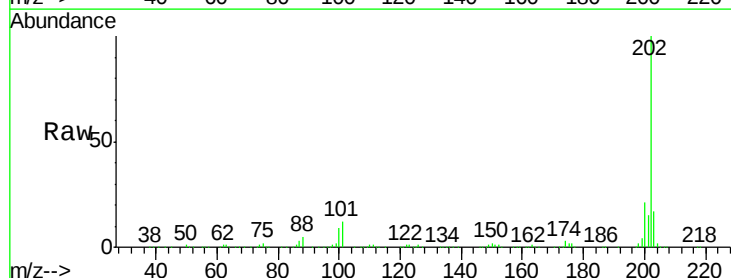
Tgt Ion:202 Resp: 430664

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

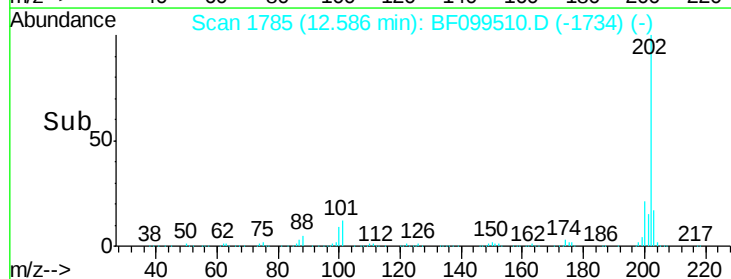
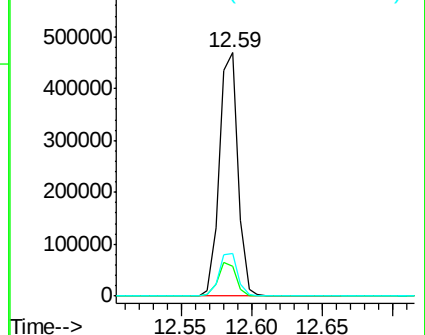
203 17.3 0.0 38.1

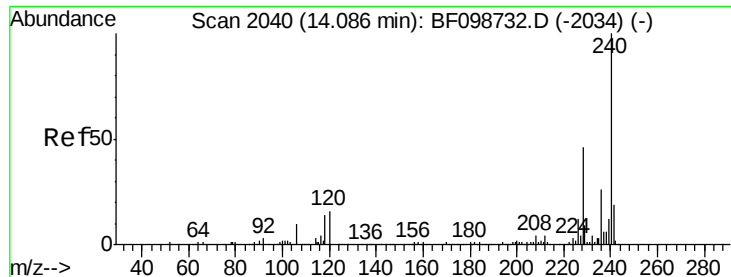


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

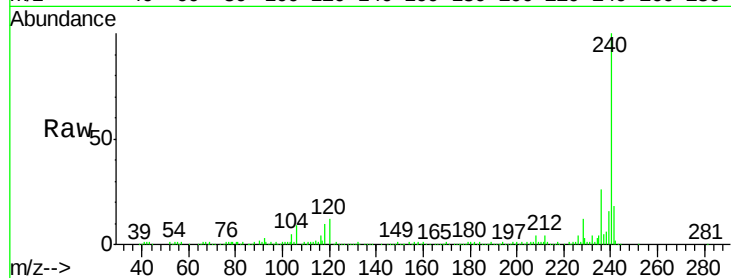
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 149782

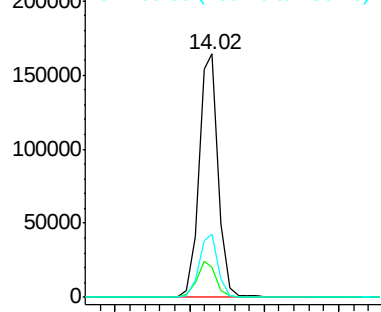
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.8	20.7	31.1



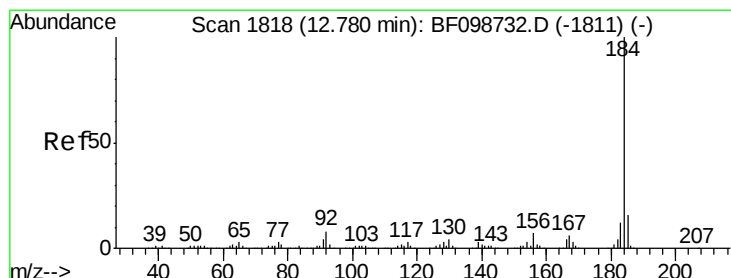
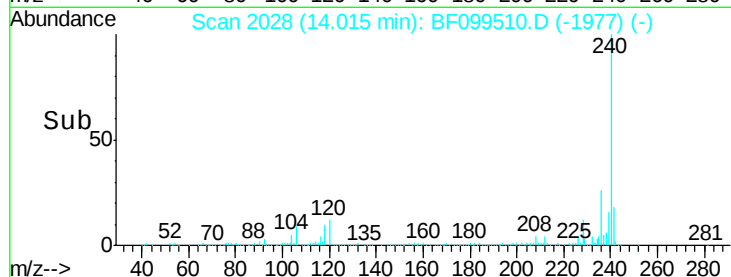
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 25.04 ng

RT: 12.70 min Scan# 1805

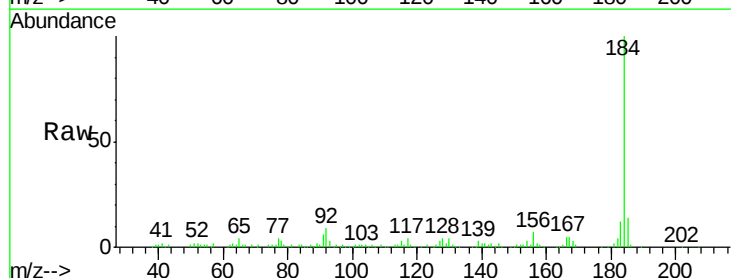
Delta R.T. -0.01 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Tgt Ion:184 Resp: 138721

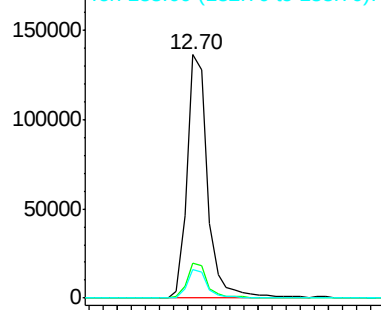
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.8	9.3	13.9



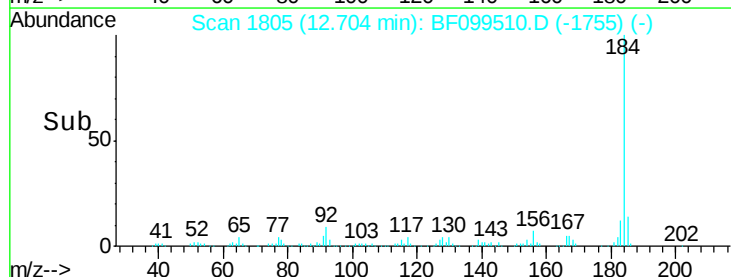
Abundance Ion 184.00 (183.70 to 184.70): E

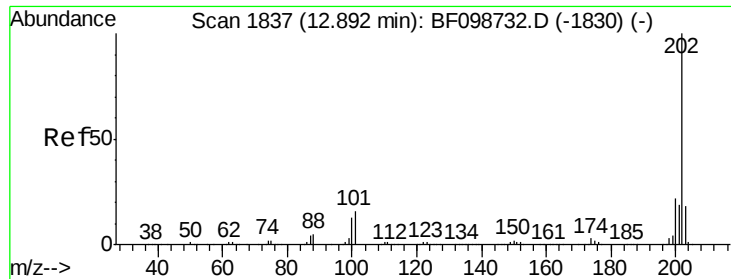
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

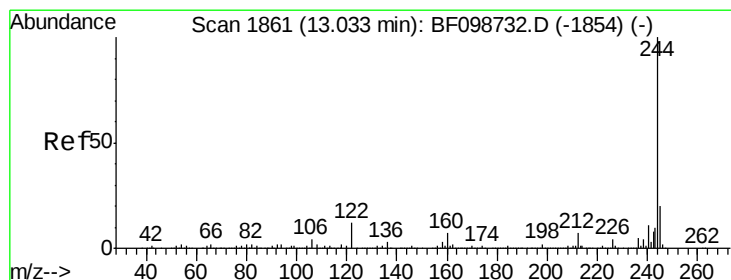
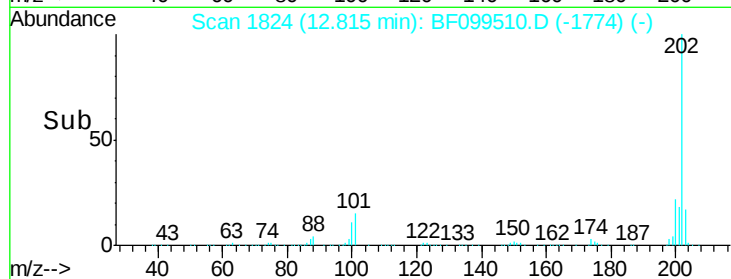
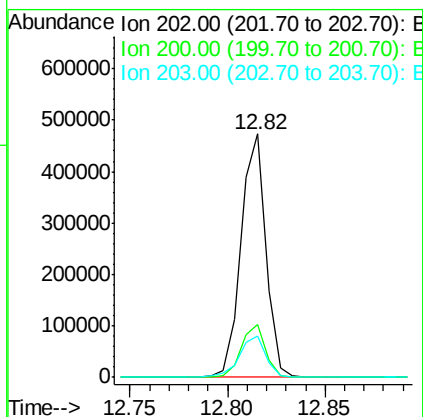
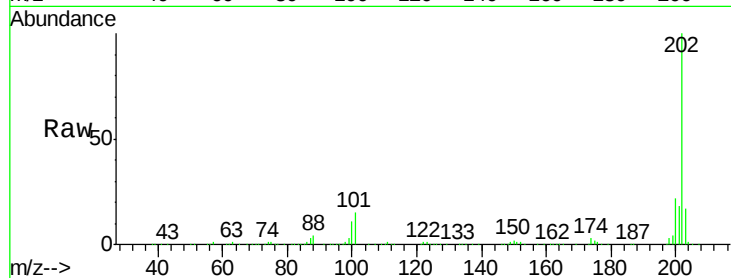




#77
Pvrene
Concen: 36.57 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

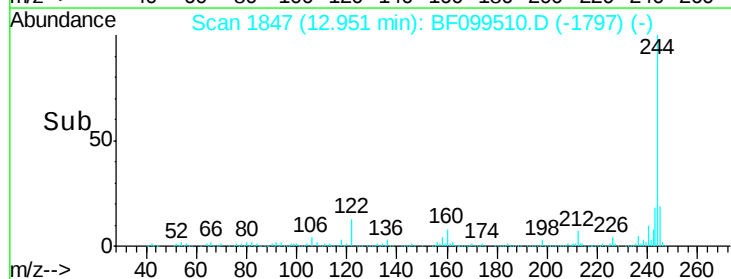
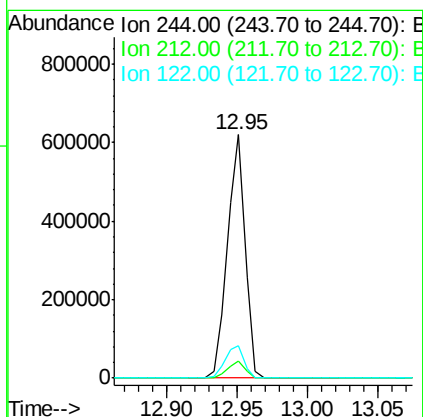
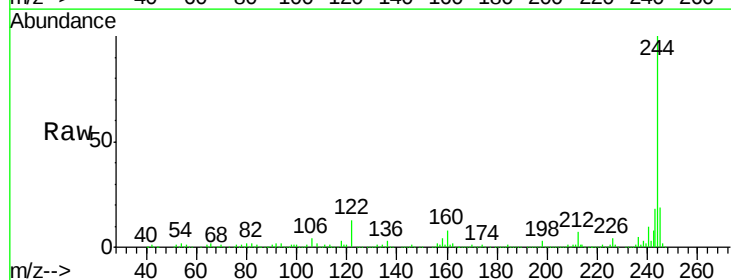
Instrument :
BNA_F
ClientSampleId :

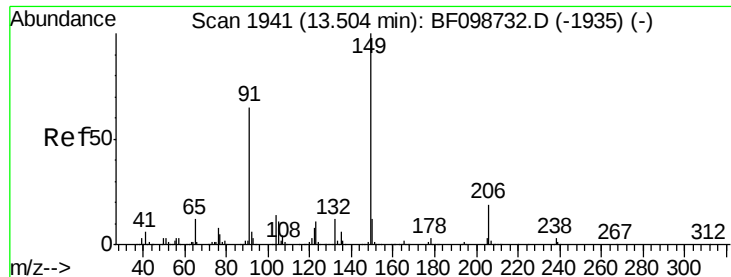
Tot Ion:202 Resp: 417658
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 16.9 14.3 21.5



#78
Terphenyl-d14
Concen: 81.92 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:244 Resp: 539563
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.4 11.0 16.4

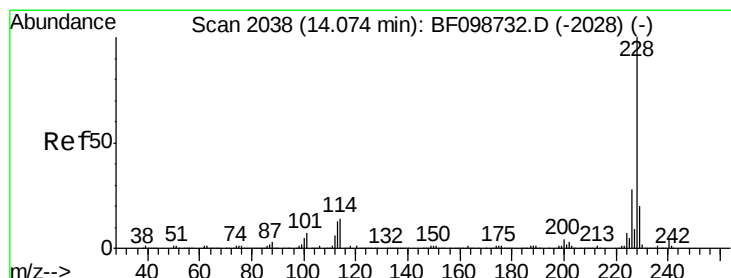
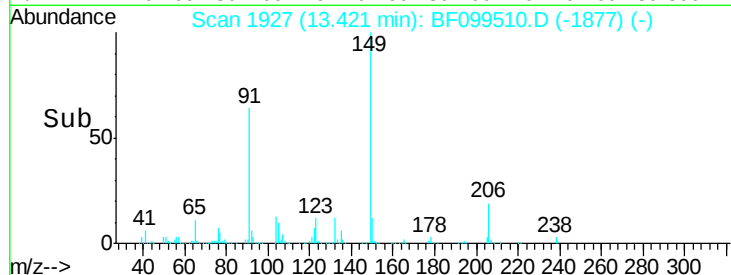
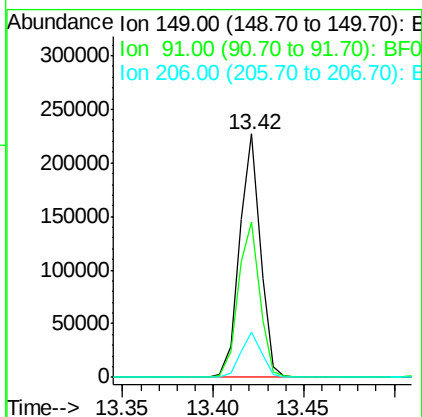
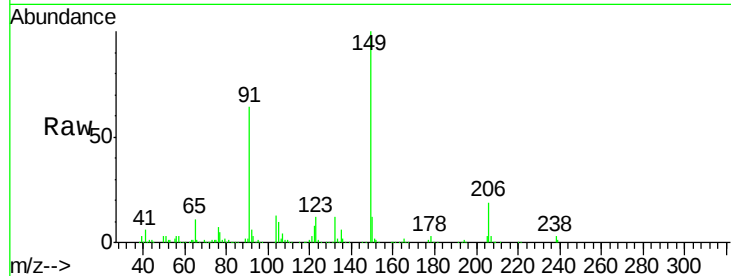




#79
Butylbenzylphthalate
Concen: 33.35 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

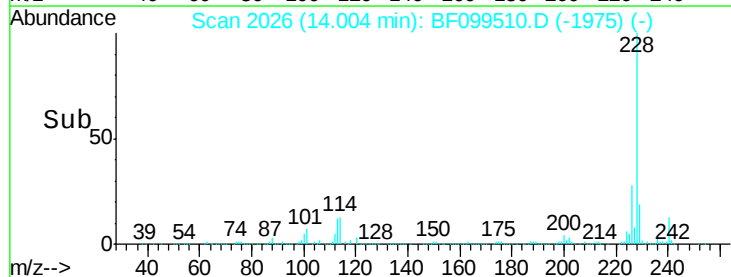
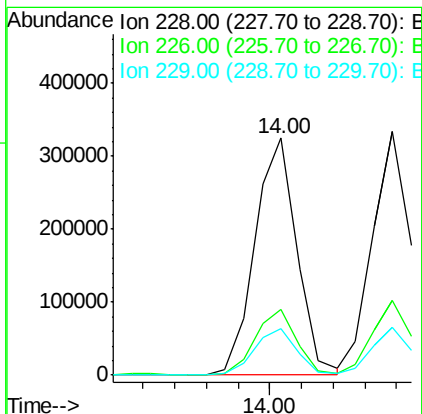
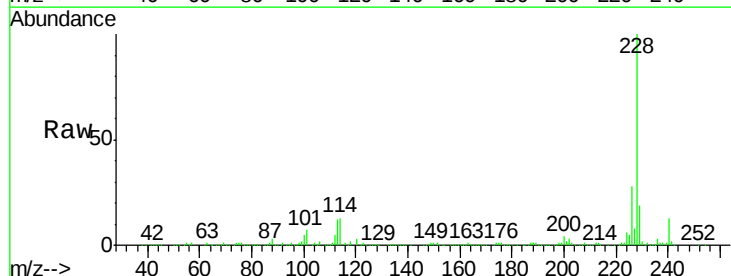
Instrument :
BNA_F
ClientSampleId :

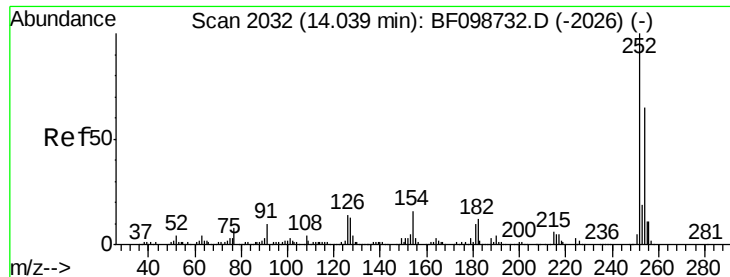
Tot Ion:	149	Resp:	179030
Ion	Ratio	Lower	Upper
149	100		
91	64.0	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.95 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:	228	Resp:	298885
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.4	15.8	23.6

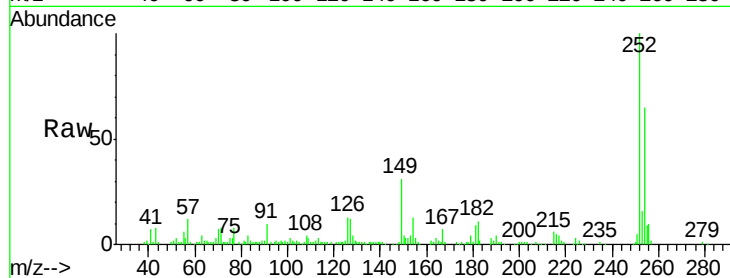




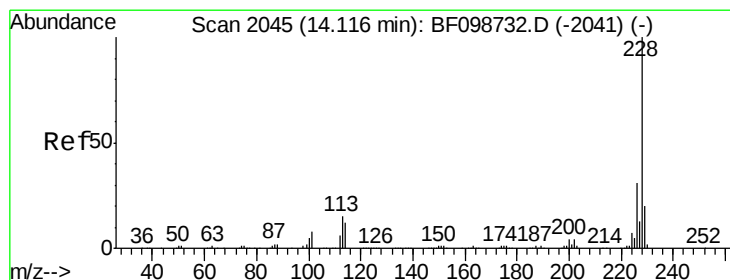
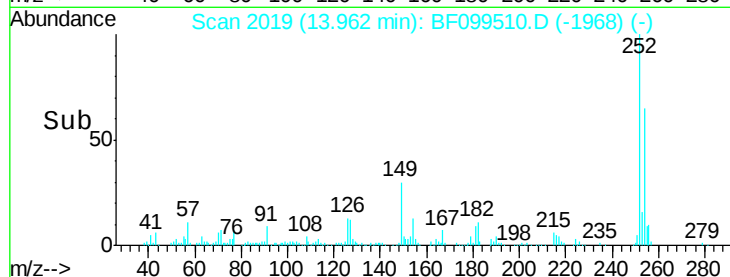
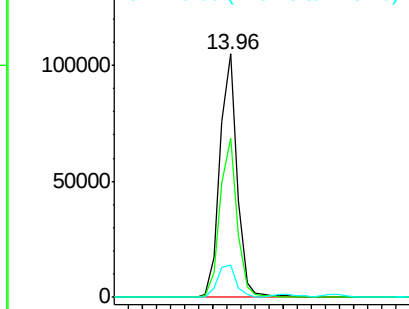
#81
 3,3'-Dichlorobenzidine
 Concen: 26.90 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 89441
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 13.1 11.3 16.9

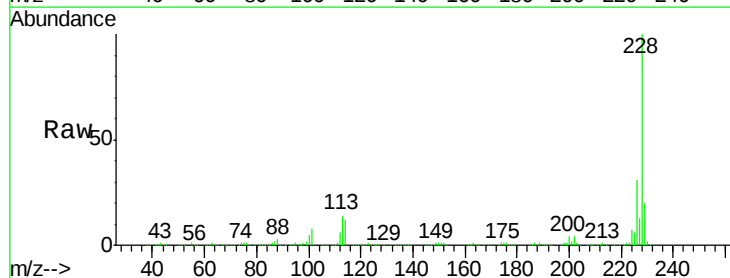


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

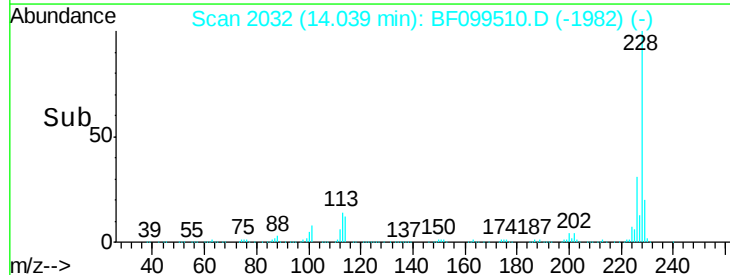
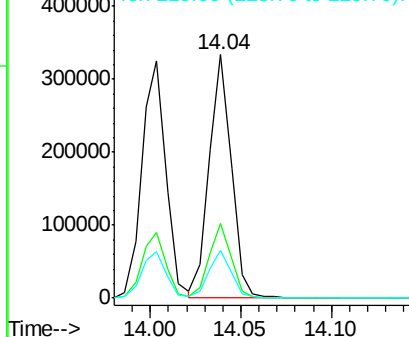


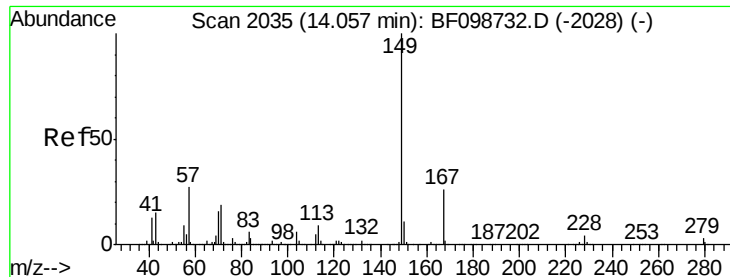
#82
 Chrysene
 Concen: 32.92 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion:228 Resp: 284272
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

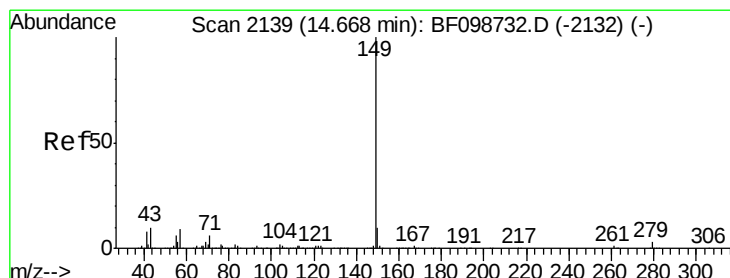
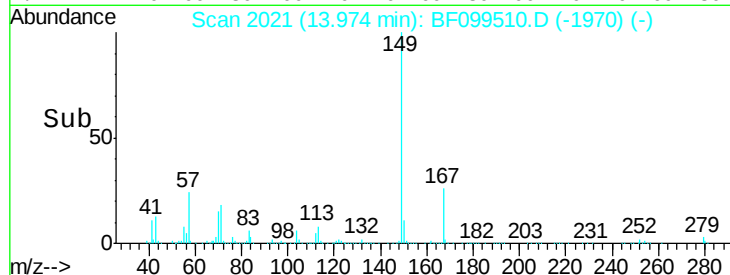
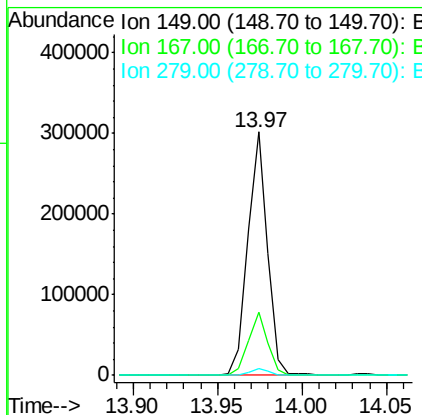
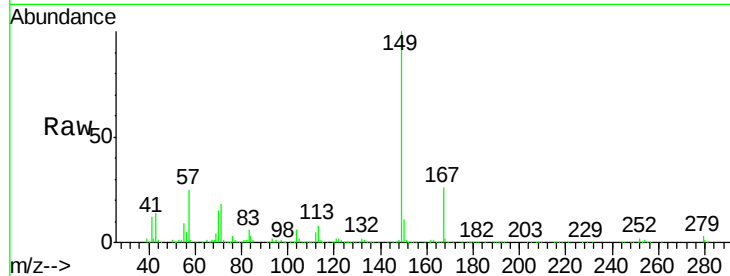




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.13 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

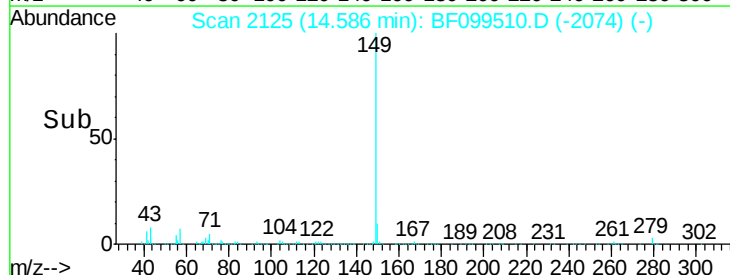
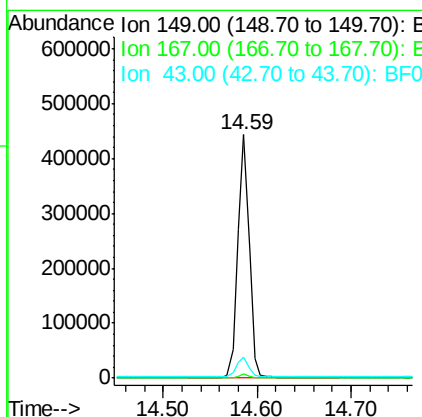
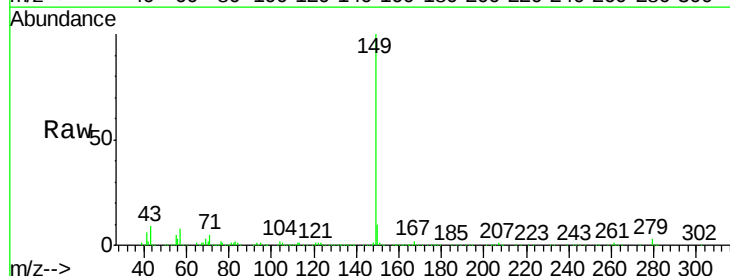
Instrument :
 BNA_F
 ClientSampleId :

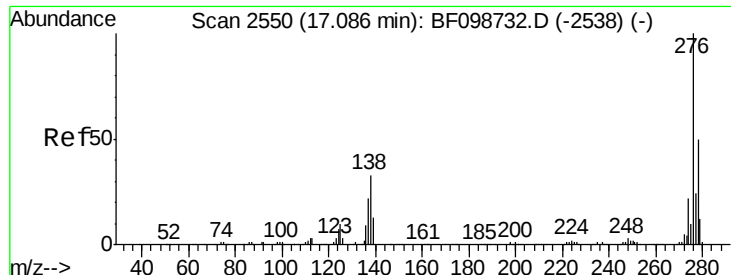
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 31.29 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	8.4	8.4	12.6

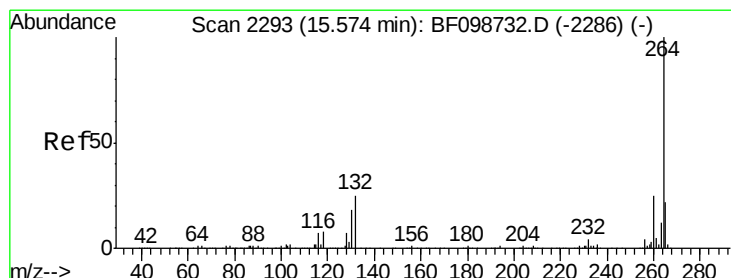
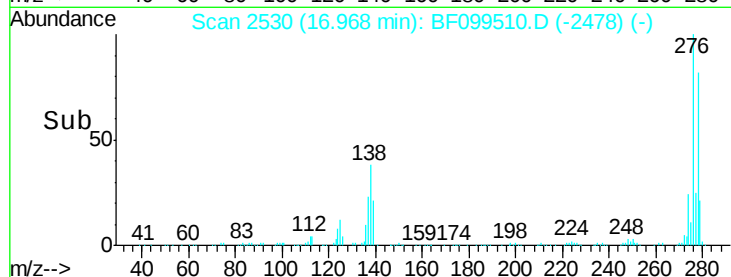
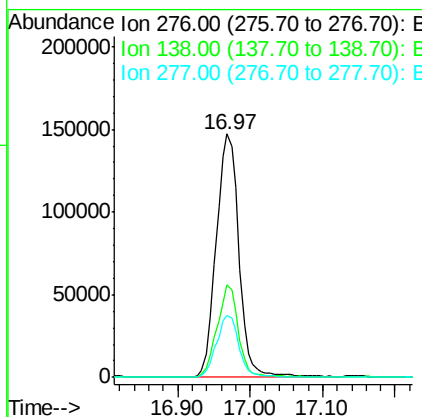
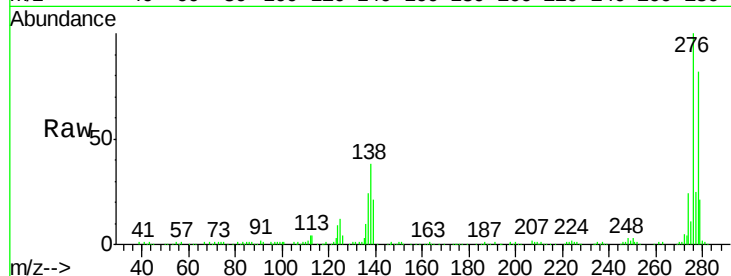




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.61 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

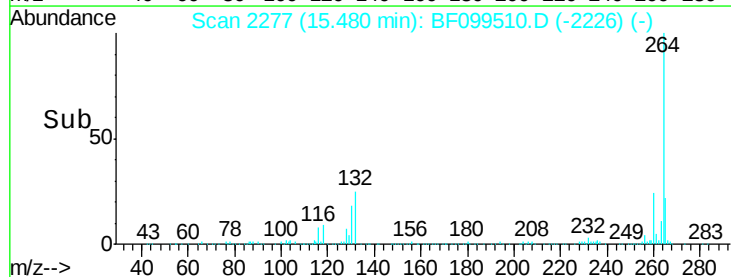
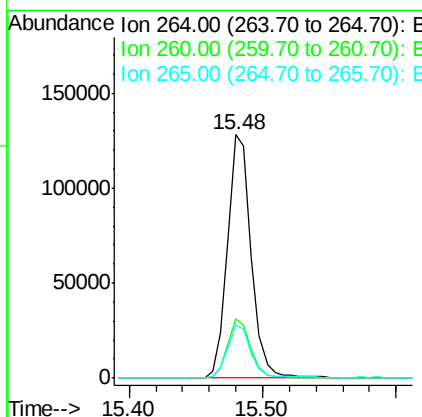
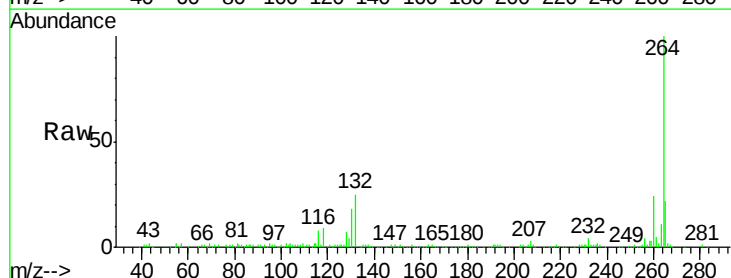
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3

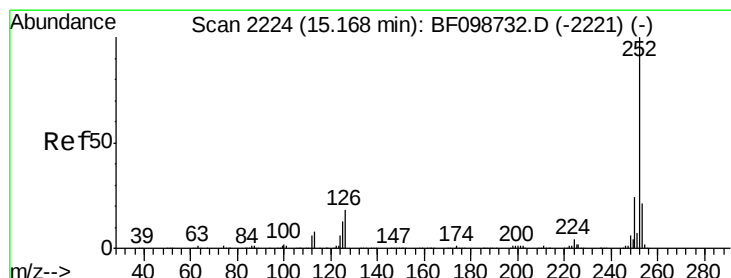
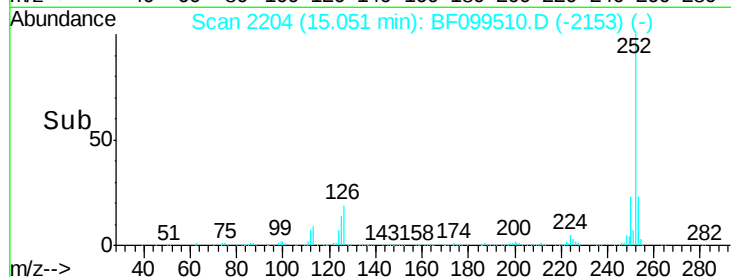
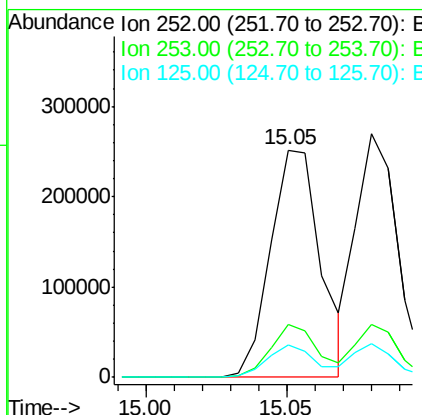
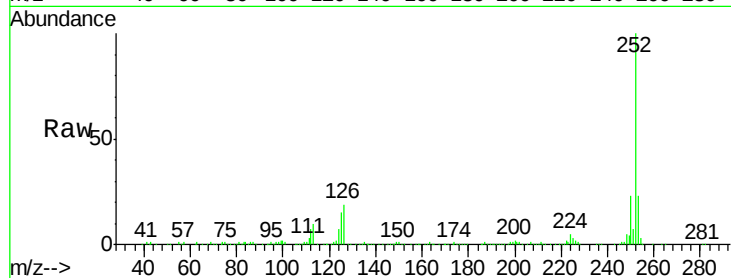




#87
Benzo(b)fluoranthene
Concen: 31.55 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

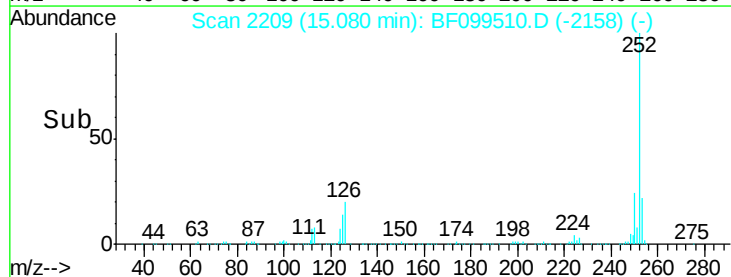
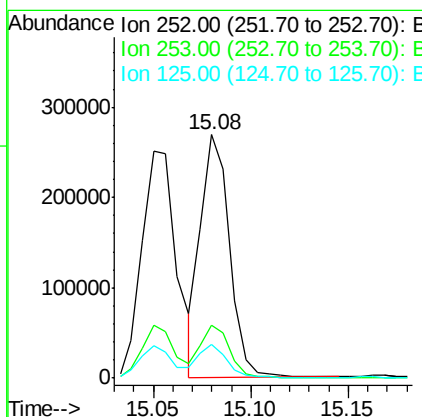
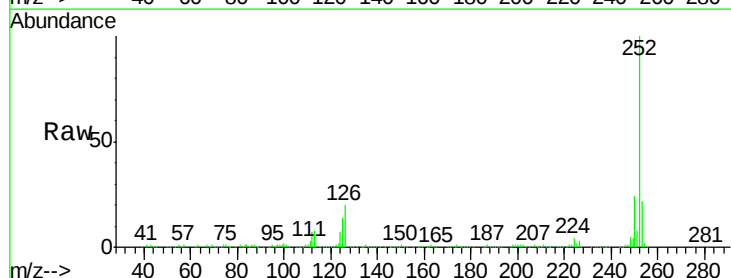
Instrument :
BNA_F
ClientSampleId :

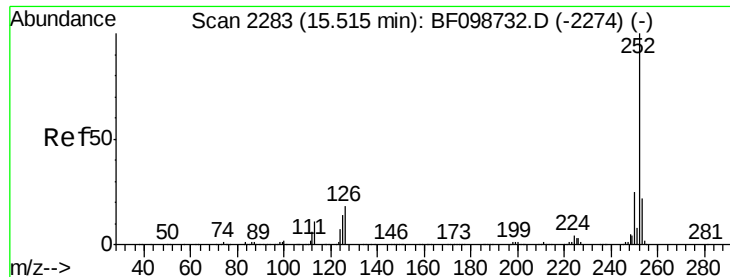
Tot Ion:252 Resp: 311741
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 14.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 28.35 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF099510.D
Acq: 15 Oct 2017 13:32

Tgt Ion:252 Resp: 276723
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 14.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 32.59 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_F

ClientSampleId :

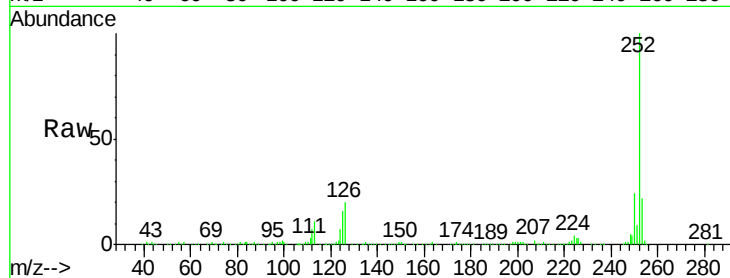
Tot Ion:252 Resp: 295629

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

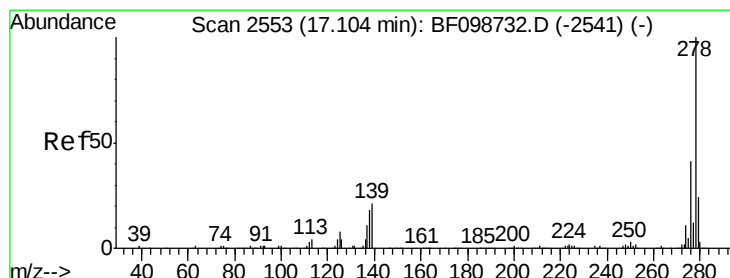
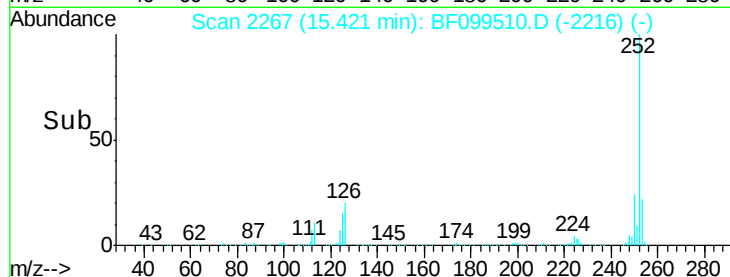
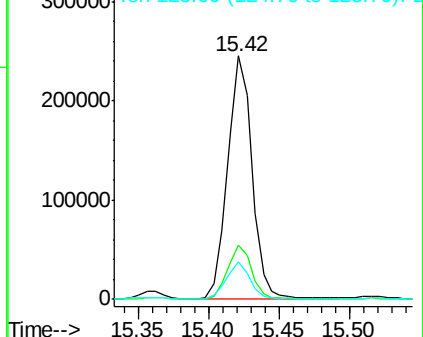
125 15.5 9.8 14.6#



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

Dibenzo(a,h)anthracene

Concen: 37.21 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BF099510.D

Acq: 15 Oct 2017 13:32

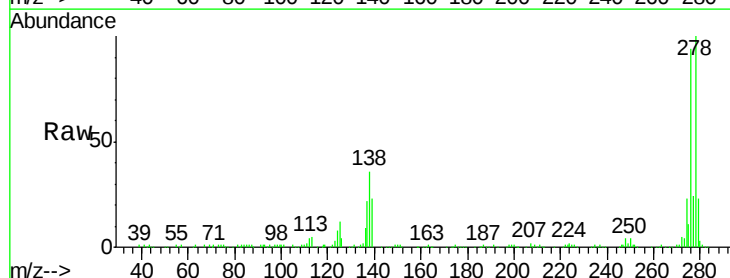
Tgt Ion:278 Resp: 270129

Ion Ratio Lower Upper

278 100

139 23.0 15.9 23.9

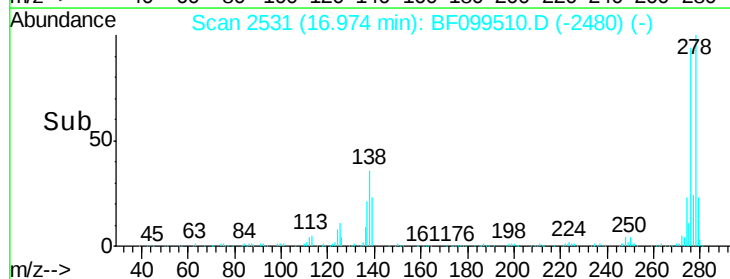
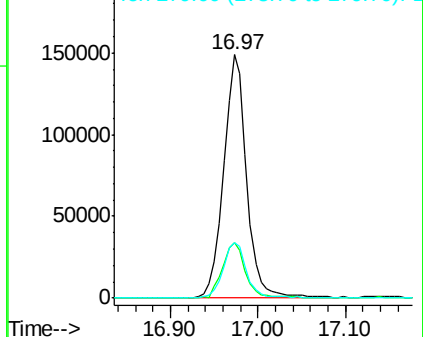
279 23.0 19.0 28.4

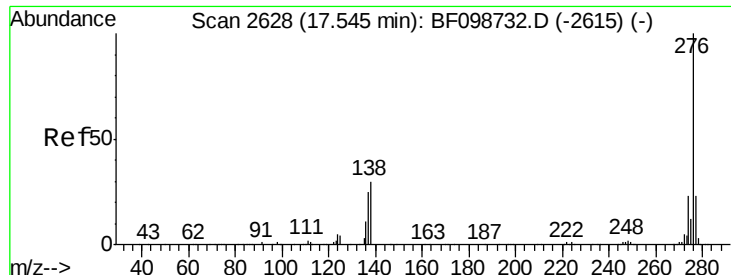


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

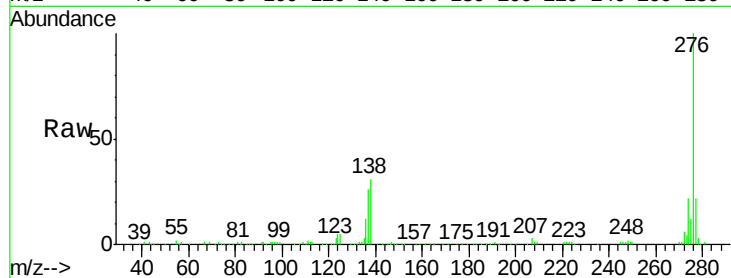




#91
 Benzo(a,h,i)perylene
 Concen: 37.59 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099510.D
 Acq: 15 Oct 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	17.9	26.9
138	30.8	21.8	32.8



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

