

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099546.D
 Acq On : 16 Oct 2017 16:03
 Operator : SJ/JU
 Sample : I5782-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

Quant Time: Oct 17 12:11:12 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	103010	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	409032	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	169008	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	241717	20.00	ng	0.00
75) Chrysene-d12	14.02	240	181917	20.00	ng	0.00
86) Perylene-d12	15.49	264	204386	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	451203	69.73	ng	0.00
7) Phenol-d6	6.48	99	560612	70.23	ng	0.00
23) Nitrobenzene-d5	7.41	82	343790	53.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	75032	54.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	649089	64.12	ng	-0.01
78) Terphenyl-d14	12.95	244	398160	49.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	58453	18.910	ng	95
4) n-Nitrosodimethylamine	3.38	42	57758	16.289	ng	# 77
6) Aniline	6.52	93	28758	2.669	ng	92
8) 2-Chlorophenol	6.63	128	156699	21.384	ng	93
9) Benzaldehyde	6.40	77	58112	12.550	ng	95
10) Phenol	6.49	94	224316	25.126	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	153514	22.119	ng	96
12) 1,3-Dichlorobenzene	6.79	146	179160	23.345	ng	96
13) 1,4-Dichlorobenzene	6.86	146	182413	23.362	ng	97
14) 1,2-Dichlorobenzene	7.02	146	171354	23.750	ng	97
15) Benzyl Alcohol	6.99	79	122067	20.845	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	214503	19.837	ng	92
17) 2-Methylphenol	7.10	107	127025	21.185	ng	98
18) Hexachloroethane	7.35	117	59803	21.308	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	101801	19.975	ng	96
20) 3+4-Methylphenols	7.25	107	158568	20.905	ng	# 57
22) Acetophenone	7.25	105	219924	22.192	ng	# 97
24) Nitrobenzene	7.43	77	159558	22.053	ng	94
25) Isophorone	7.66	82	286769	21.747	ng	99
26) 2-Nitrophenol	7.75	139	69089	19.857	ng	91
27) 2,4-Dimethylphenol	7.78	122	115961	17.649	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	189843	23.101	ng	99
29) 2,4-Dichlorophenol	7.99	162	114748	20.341	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	138408	24.531	ng	98
31) Naphthalene	8.15	128	460534	23.973	ng	99
32) Benzoic acid	7.78	122	115961	21.485	ng	# 13
33) 4-Chloroaniline	8.20	127	63656	7.935	ng	95
34) Hexachlorobutadiene	8.26	225	68643	23.620	ng	97
35) Caprolactam	8.55	113	9085	5.020	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	122322	19.291	ng	94
37) 2-Methylnaphthalene	8.84	142	309937	24.818	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	121302	24.066	ng	98
40) Hexachlorocyclopentadiene	8.99	237	19599	8.509	ng	96
42) 2,4,6-Trichlorophenol	9.12	196	61460	17.212	ng	99

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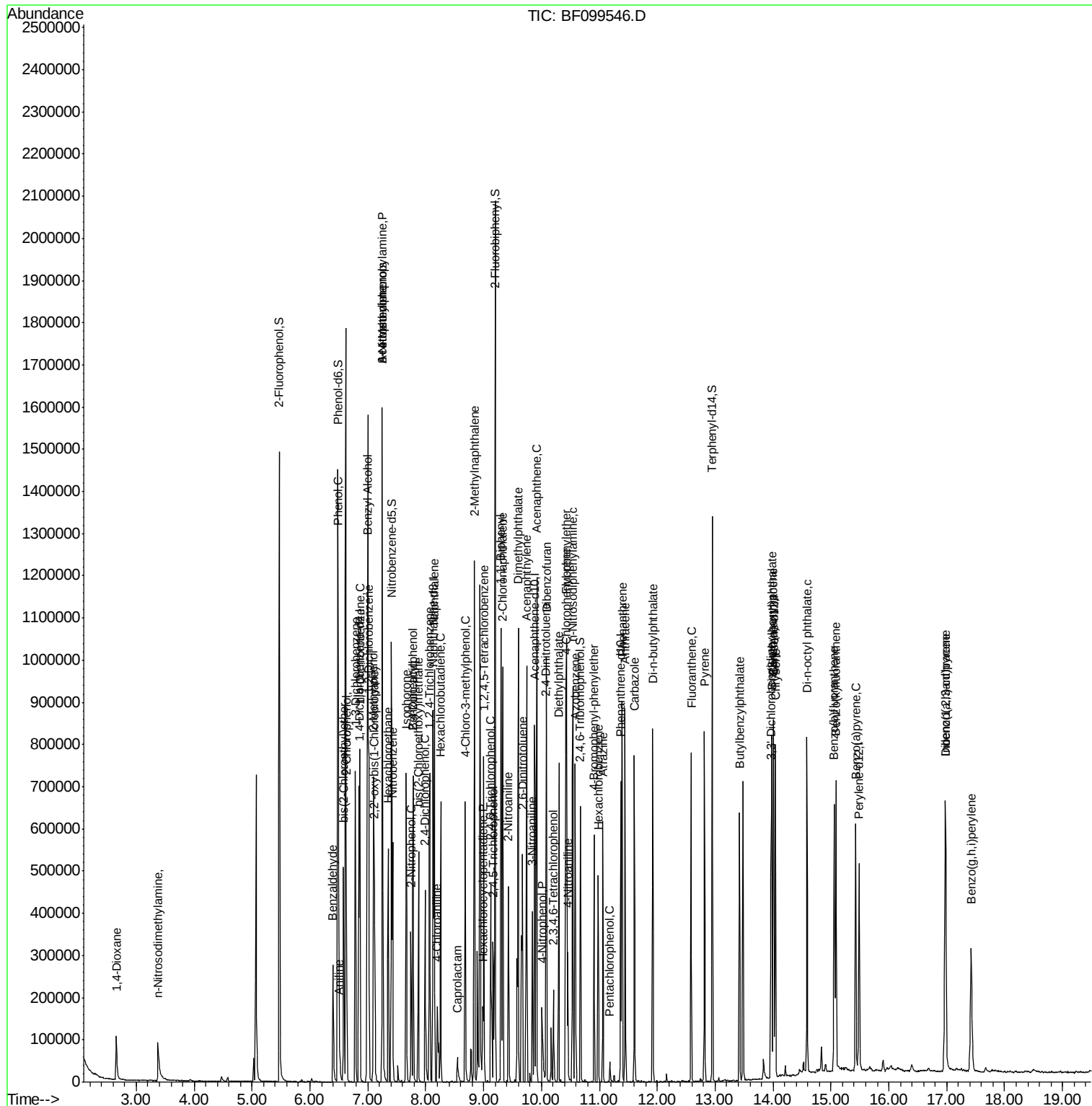
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	56438	15.834	nq	98
45) 1,1'-Biphenyl	9.30	154	355171	24.452	nq	97
46) 2-Chloronaphthalene	9.33	162	271336	24.880	nq	98
47) 2-Nitroaniline	9.43	65	71376	21.374	nq	98
48) Acenaphthylene	9.75	152	394756	23.645	nq	99
49) Dimethylphthalate	9.60	163	443717	34.786	nq	100
50) 2,6-Dinitrotoluene	9.67	165	64426	23.200	nq	89
51) Acenaphthene	9.92	154	230595	21.805	nq	99
52) 3-Nitroaniline	9.84	138	65120	20.111	nq	91
54) Dibenzofuran	10.09	168	343646	24.405	nq	99
55) 4-Nitrophenol	10.01	139	43898	16.033	nq	90
56) 2,4-Dinitrotoluene	10.07	165	76537	21.236	nq	# 98
57) Fluorene	10.43	166	262272	23.174	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	26404	10.723	nq	98
59) Diethylphthalate	10.30	149	284142	22.797	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	122931	24.181	nq	97
61) 4-Nitroaniline	10.45	138	59472	19.038	nq	87
62) Azobenzene	10.58	77	277111	24.180	nq	92
65) n-Nitrosodiphenylamine	10.54	169	219097	26.165	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	63648	26.901	nq	92
67) Hexachlorobenzene	10.98	284	59807	23.667	nq	94
68) Atrazine	11.06	200	63415	25.171	nq	99
69) Pentachlorophenol	11.18	266	6938	4.412	nq	95
70) Phenanthrene	11.39	178	324110	25.050	nq	99
71) Anthracene	11.45	178	331252	25.022	nq	98
72) Carbazole	11.60	167	293214	22.617	nq	99
73) Di-n-butylphthalate	11.92	149	382116	24.488	nq	98
74) Fluoranthene	12.59	202	295454	22.551	nq	97
77) Pvrene	12.82	202	303613	21.887	nq	99
79) Butylbenzylphthalate	13.42	149	138700	21.275	nq	93
80) Benzo(a)anthracene	14.00	228	262184	23.801	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	73368	18.169	nq	96
82) Chrysene	14.04	228	254175	24.236	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	205673	22.911	nq	98
84) Di-n-octyl phthalate	14.59	149	364230	25.198	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	283916	33.843	nq	95
87) Benzo(b)fluoranthene	15.06	252	275461	21.920	nq	97
88) Benzo(k)fluoranthene	15.09	252	275650	22.208	nq	99
89) Benzo(a)pyrene	15.43	252	275640	23.896	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	242928	26.315	nq	96
91) Benzo(g,h,i)perylene	17.42	276	227768	24.960	nq	95

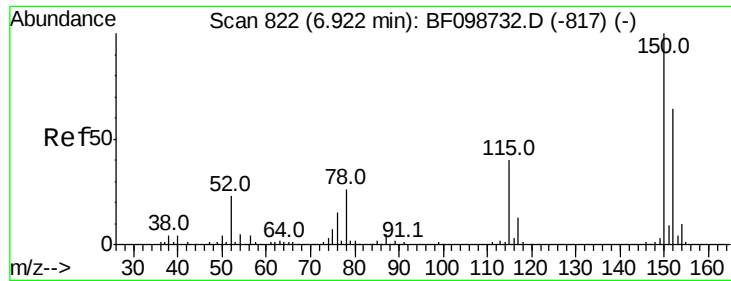
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

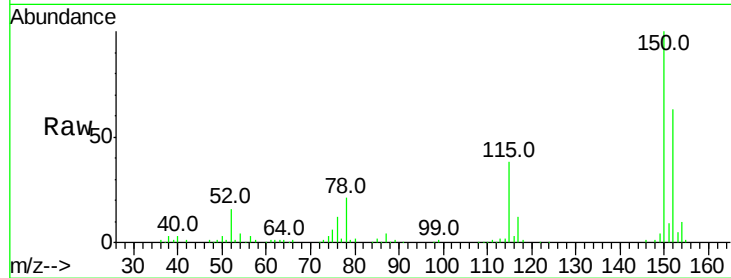
Tot Ion:152 Resp: 103010

Ion Ratio Lower Upper

152 100

150 157.8 124.6 186.8

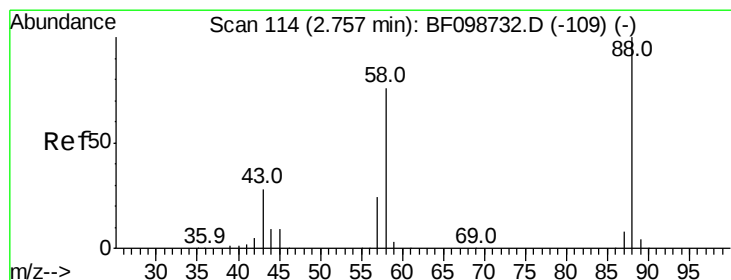
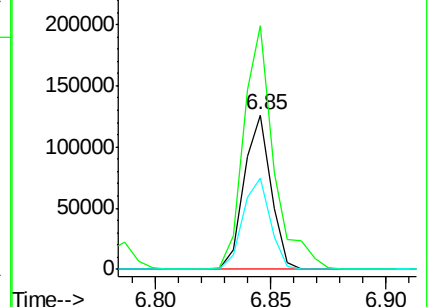
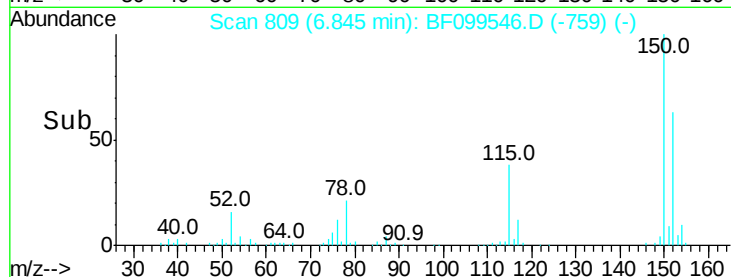
115 59.3 50.1 75.1



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



#2

1,4-Dioxane

Concen: 18.910 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.03 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

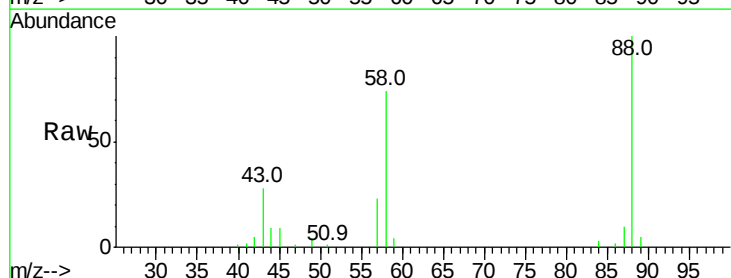
Tgt Ion: 88 Resp: 58453

Ion Ratio Lower Upper

88 100

58 75.8 62.6 93.8

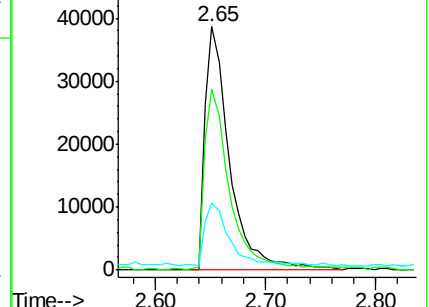
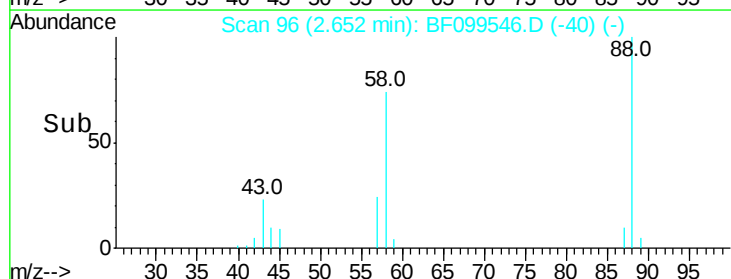
43 25.5 24.6 37.0

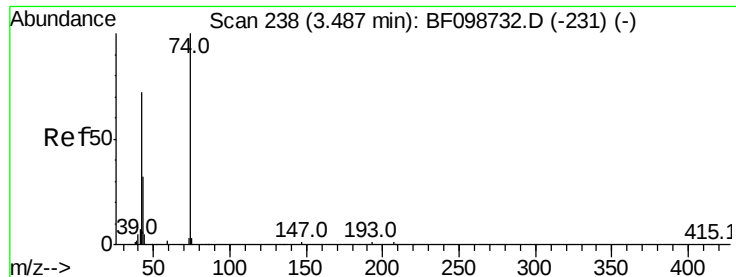


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



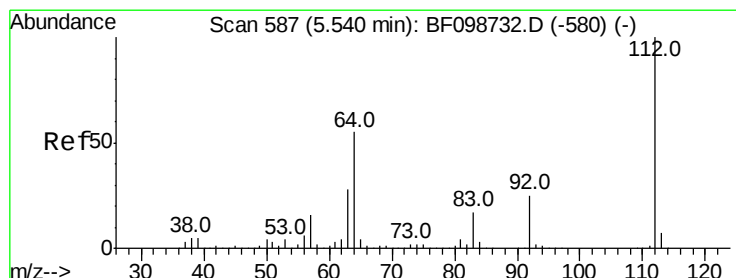
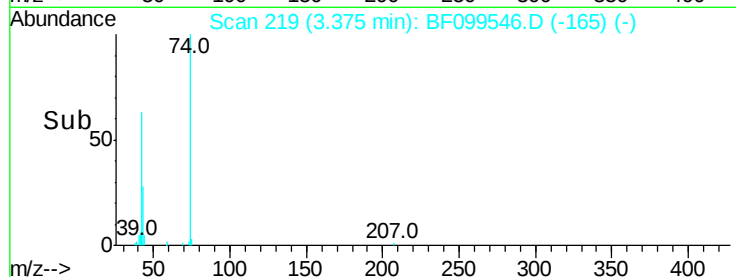
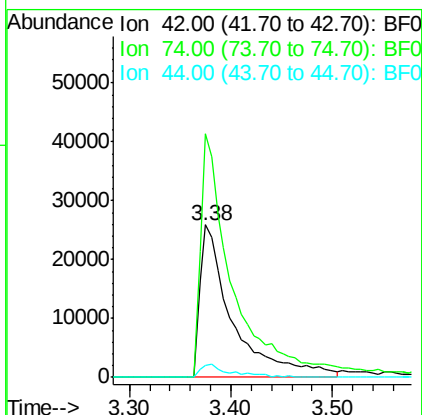
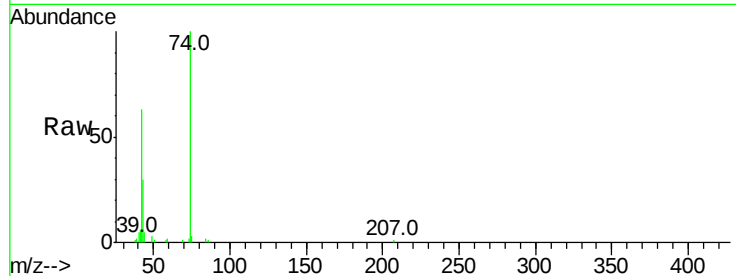


#4

n-Nitrosodimethylamine
 Concen: 16.289 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.02 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Instrument :
 BNA_F
 ClientSampled :
 S1(1-3)MS

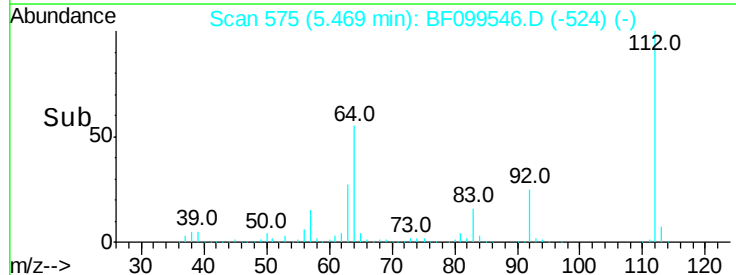
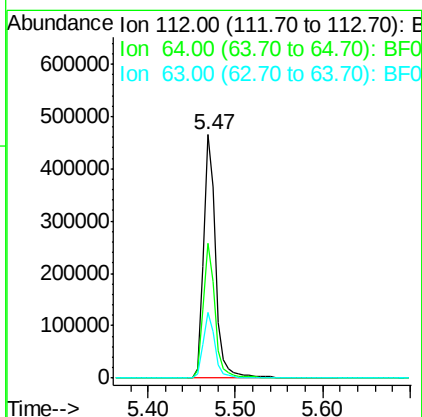
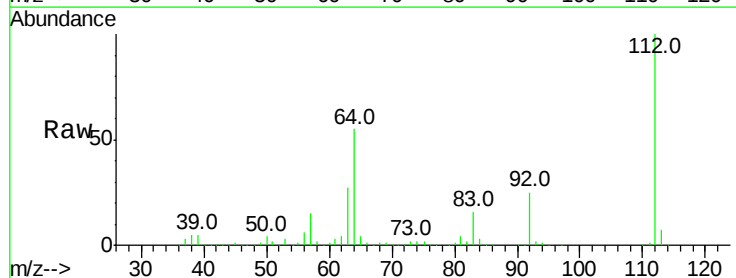
Tot Ion: 42 Resp: 57758
 Ion Ratio Lower Upper
 42 100
 74 160.0 104.9 157.3#
 44 7.9 6.9 10.3

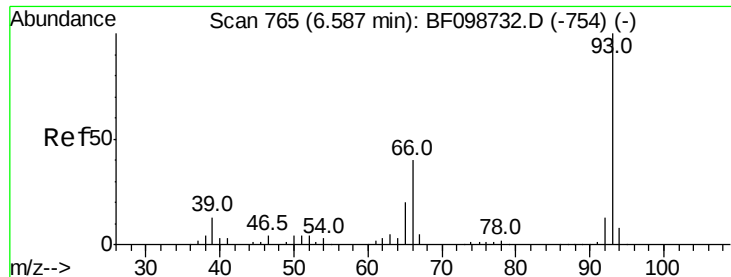


#5

2-Fluorophenol
 Concen: 69.728 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion: 112 Resp: 451203
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.2 23.7 35.5





#6

Aniline

Concen: 2.669 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

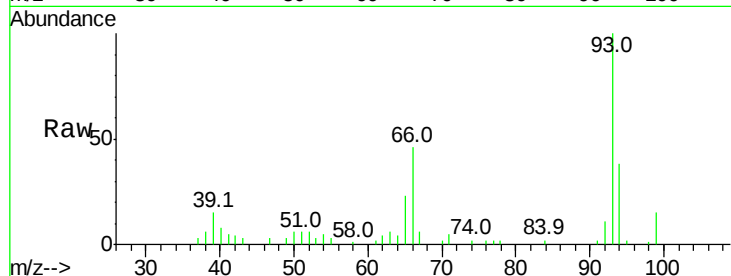
Tot Ion: 93 Resp: 28758

Ion Ratio Lower Upper

93 100

66 45.5 32.2 48.2

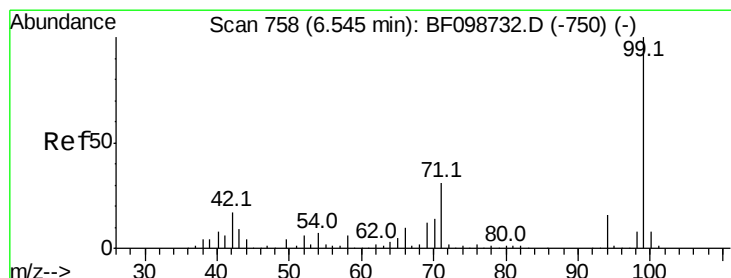
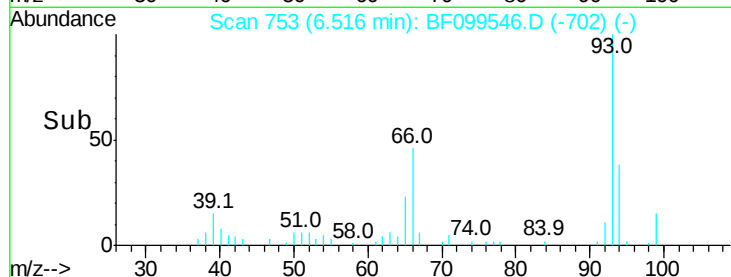
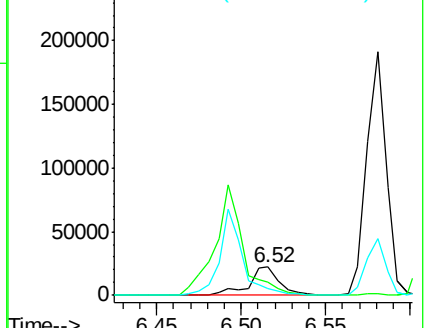
65 23.4 16.4 24.6



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: 70.230 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

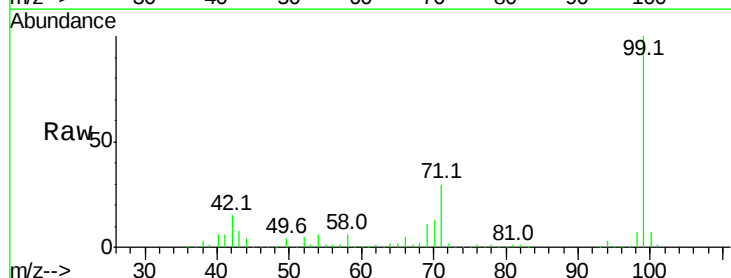
Tgt Ion: 99 Resp: 560612

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

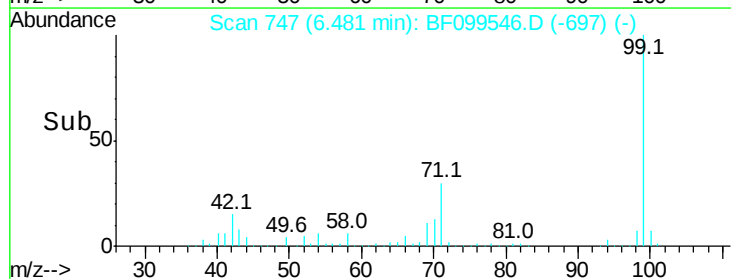
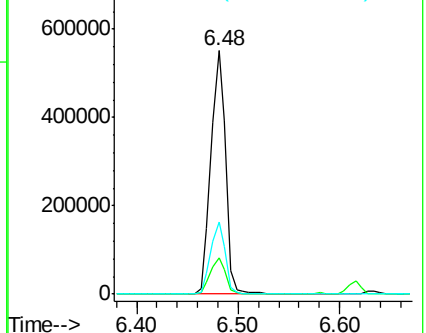
71 29.8 25.4 38.0

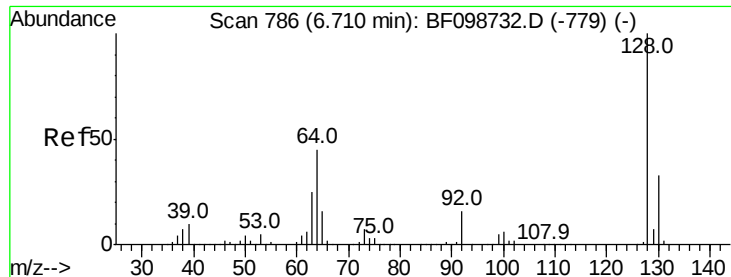


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 21.384 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

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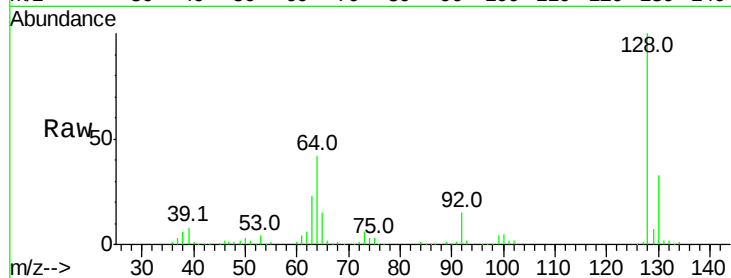
Tot Ion:128 Resp: 156699

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

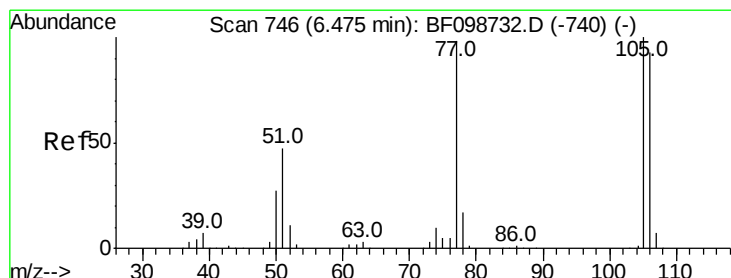
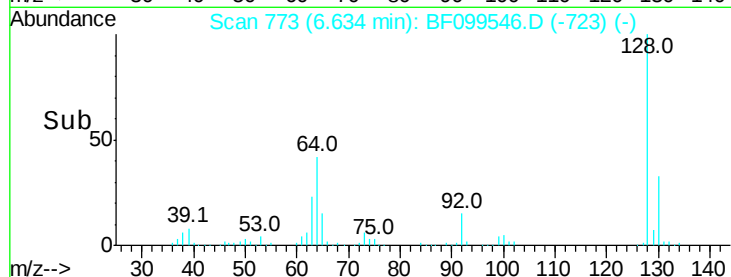
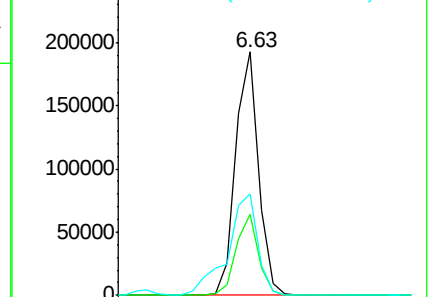
64 41.9 29.4 69.4



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): E



#9

Benzaldehyde

Concen: 12.550 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

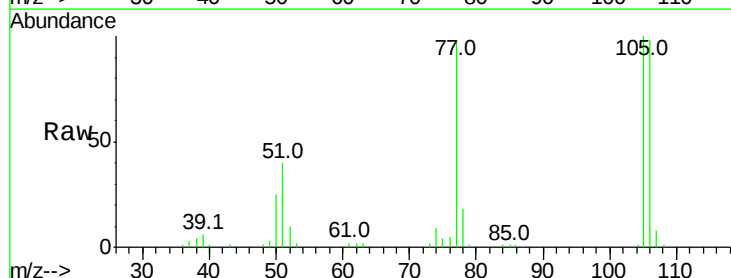
Tgt Ion: 77 Resp: 58112

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

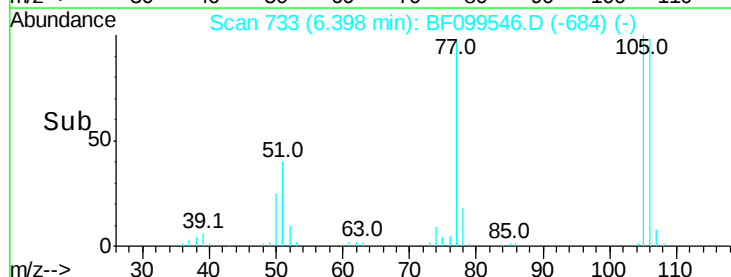
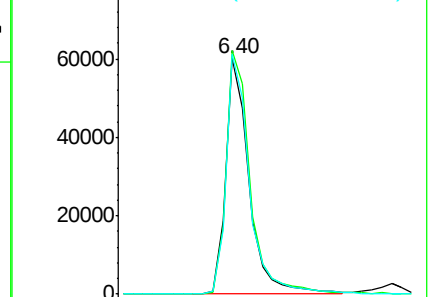
106 101.7 74.5 114.5

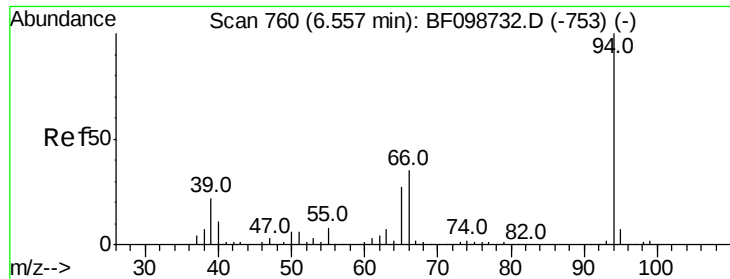


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 25.126 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

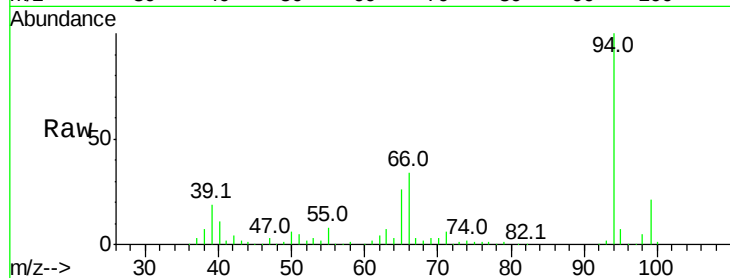
BNA_F

ClientSampleId :

S1(1-3)MS

Tot Ion: 94 Resp: 224316

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	33.5	16.2	56.2

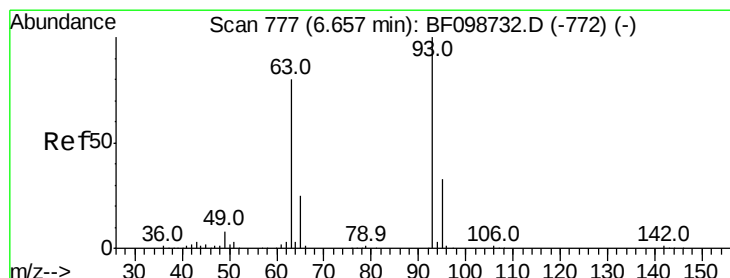
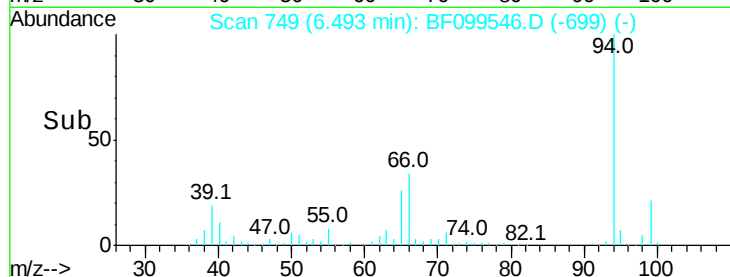
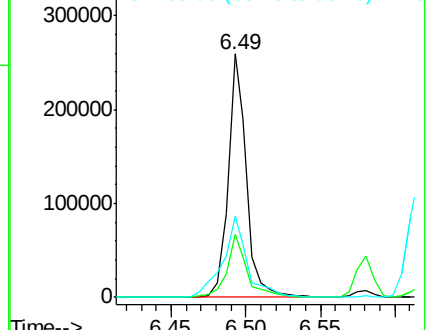


Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 22.119 ng

RT: 6.58 min Scan# 764

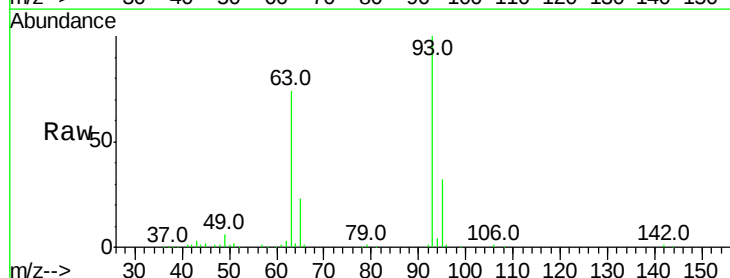
Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion: 93 Resp: 153514

Ion	Ratio	Lower	Upper
93	100		
63	74.0	58.6	98.6
95	32.0	11.8	51.8

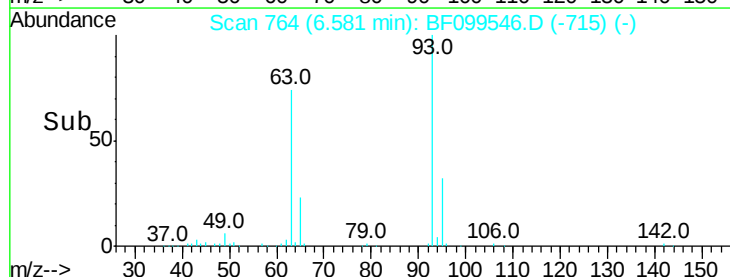
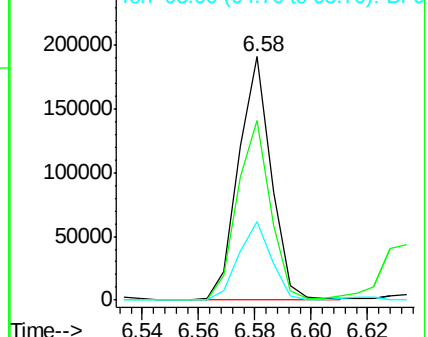


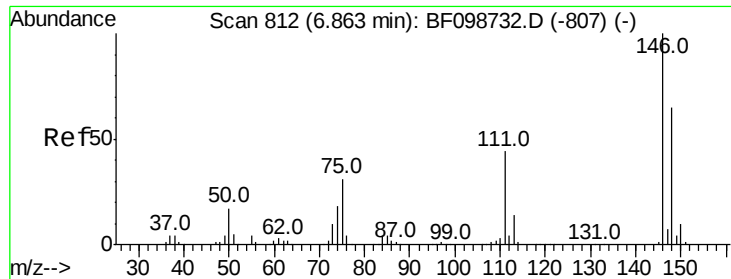
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 23.345 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

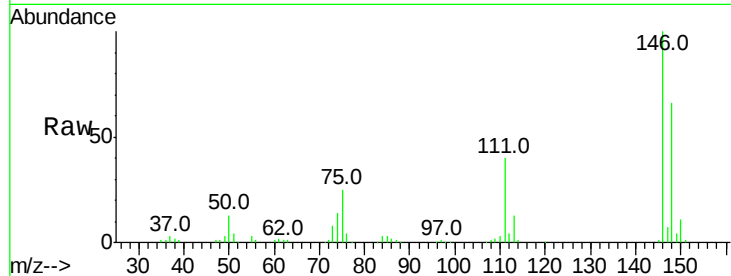
Tot Ion:146 Resp: 179160

Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.8

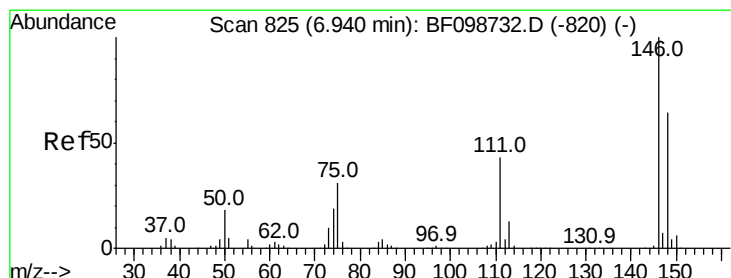
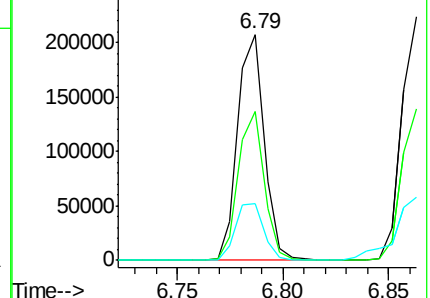
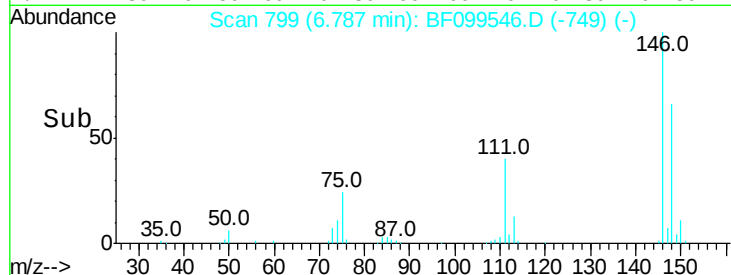
75 25.2 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 23.362 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

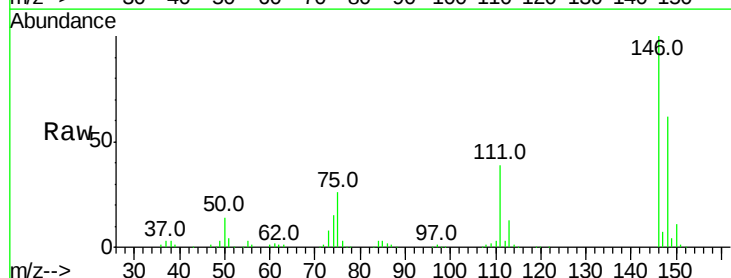
Tgt Ion:146 Resp: 182413

Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

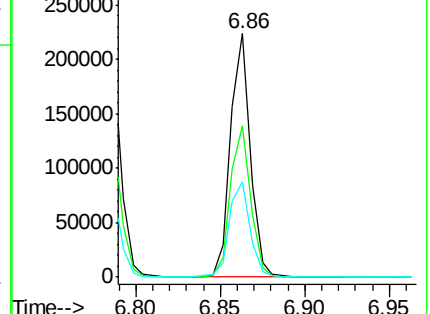
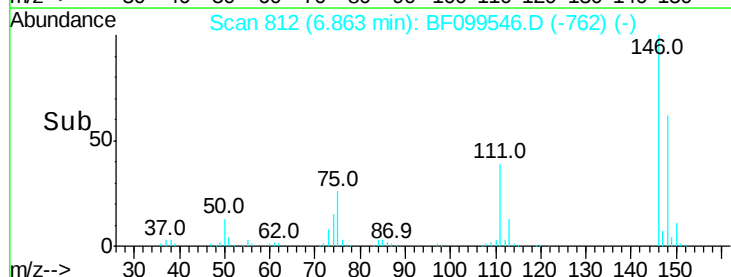
111 39.1 34.2 51.2

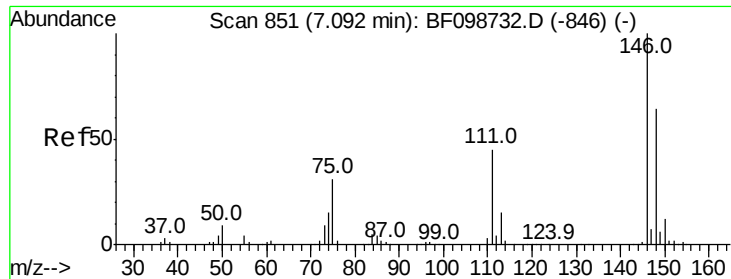


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 23.750 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

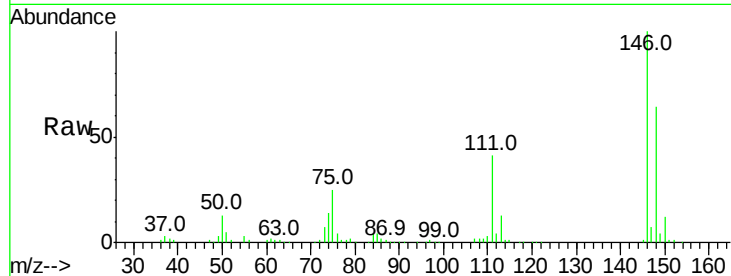
Tot Ion:146 Resp: 171354

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

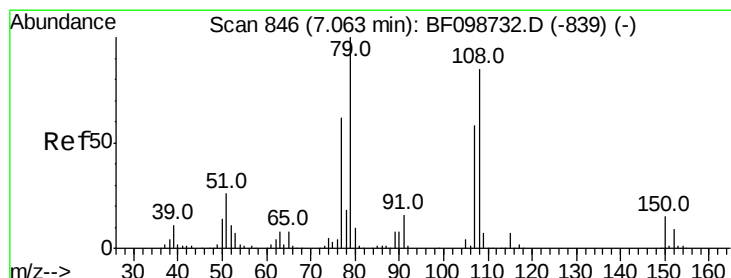
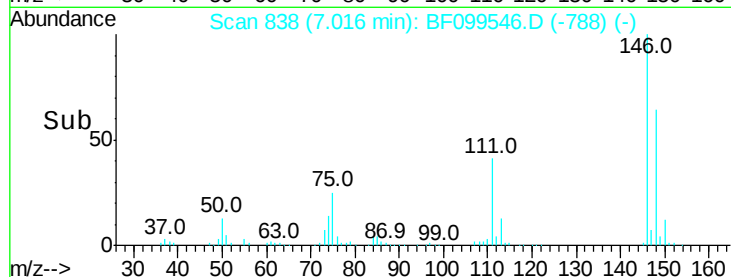
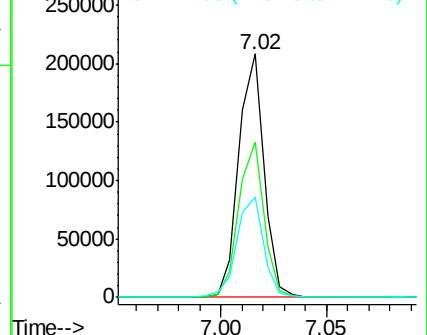
111 40.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 20.845 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

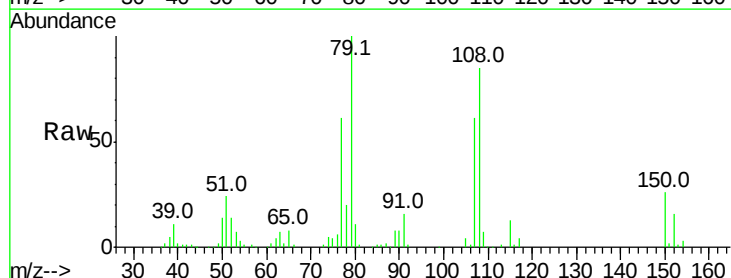
Tgt Ion: 79 Resp: 122067

Ion Ratio Lower Upper

79 100

108 85.1 65.1 97.7

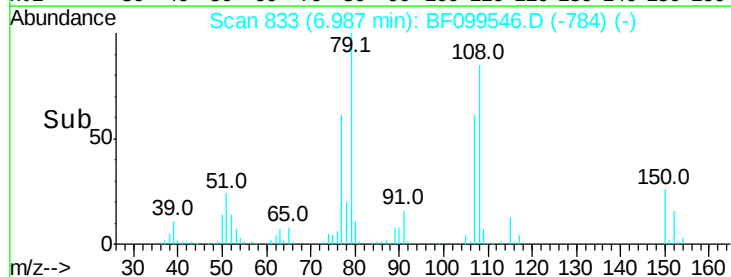
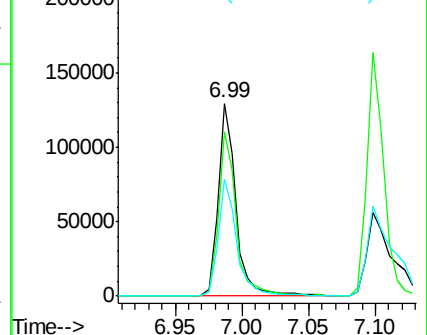
77 60.6 50.6 75.8

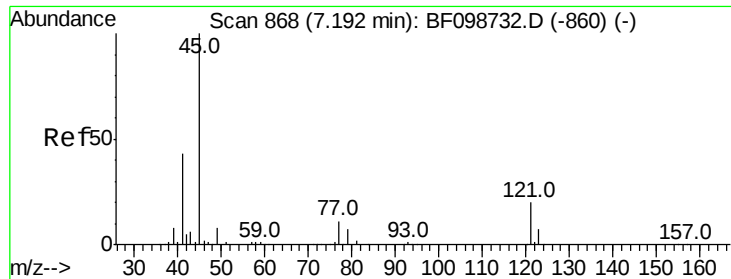


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

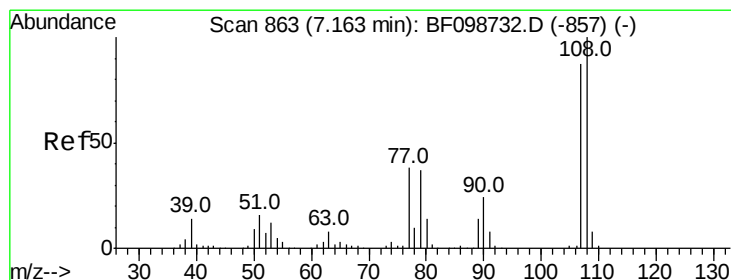
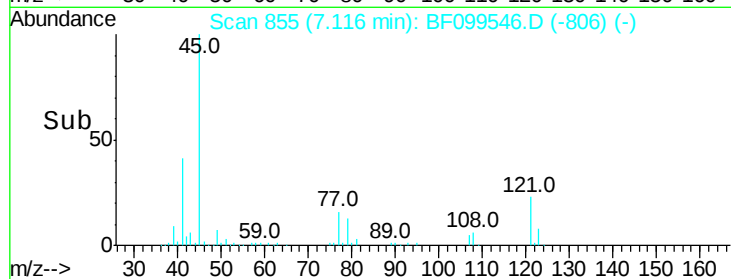
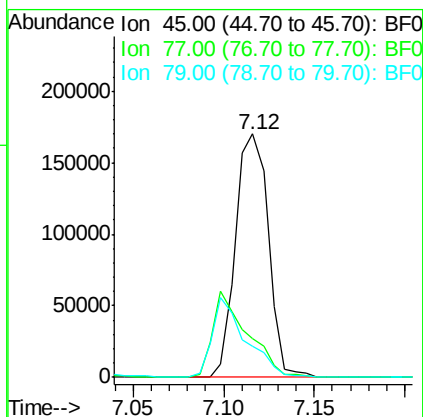
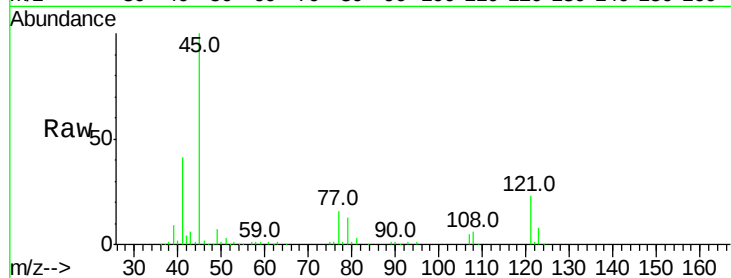




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 19.837 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

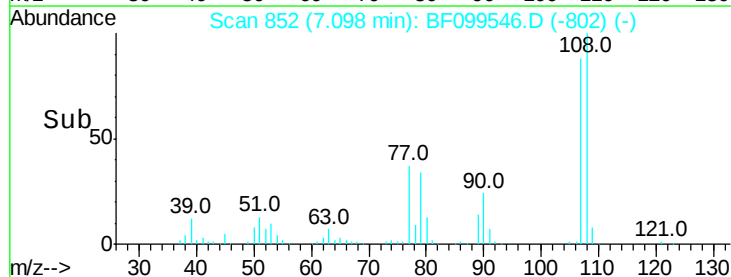
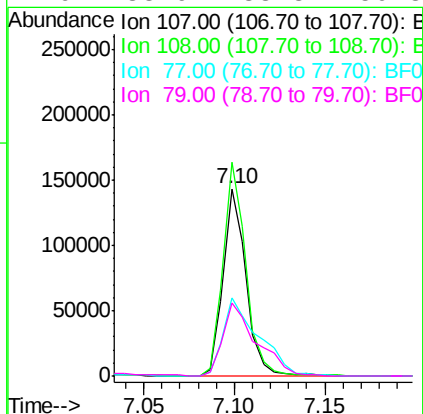
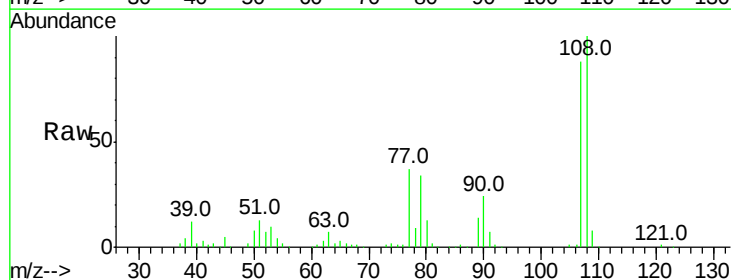
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

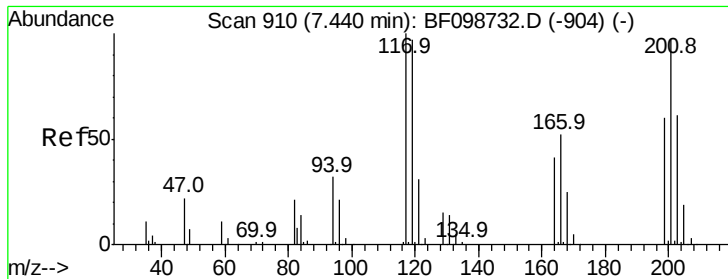
Tot Ion: 45 Resp: 214503
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.9
79 12.6 0.0 29.6



#17
2-Methylphenol
Concen: 21.185 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 107 Resp: 127025
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 41.8 33.8 50.8
79 38.9 33.8 50.8

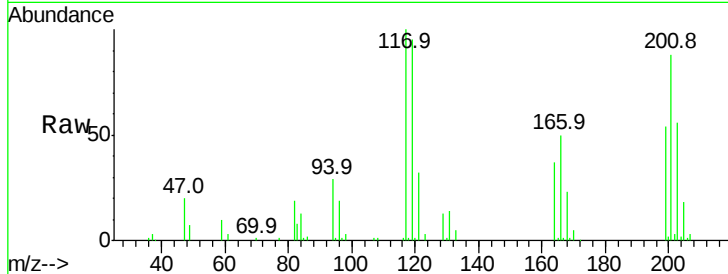




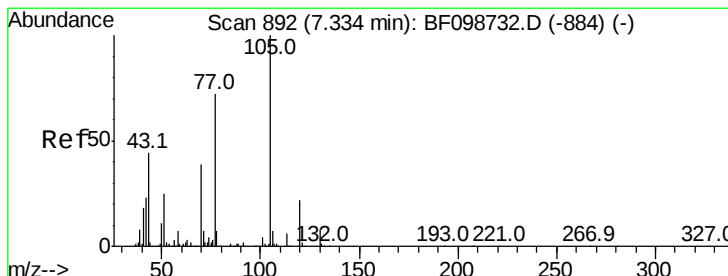
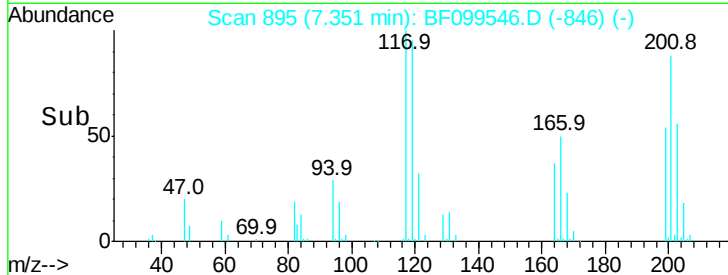
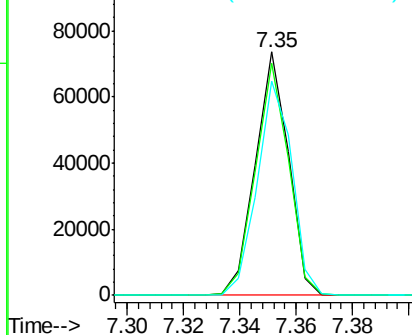
#18
Hexachloroethane
Concen: 21.308 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

Tot Ion:117 Resp: 59803
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 87.8 75.7 113.5

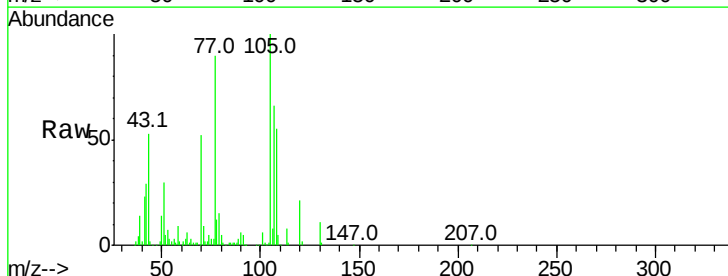


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

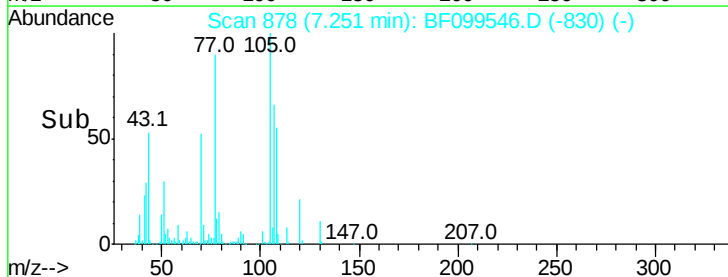
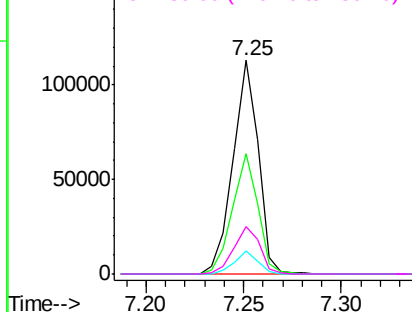


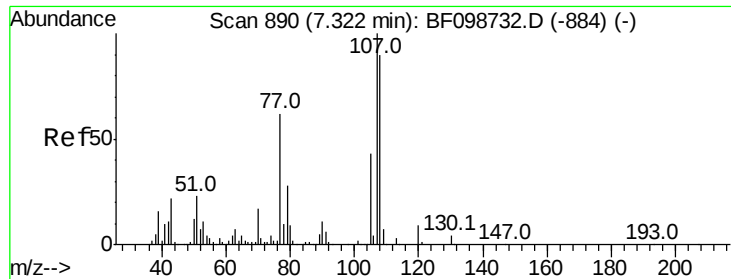
#19
n-Nitroso-di-n-propylamine
Concen: 19.975 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 70 Resp: 101801
Ion Ratio Lower Upper
70 100
42 56.3 47.5 71.3
101 10.7 7.4 11.2
130 22.1 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 20.905 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

Tot Ion:107 Resp: 158568

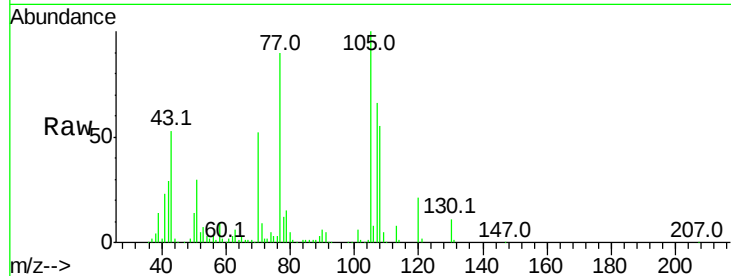
Ion Ratio Lower Upper

107 100

108 83.3 68.2 108.2

77 136.9 26.7 66.7#

79 22.5 6.3 46.3



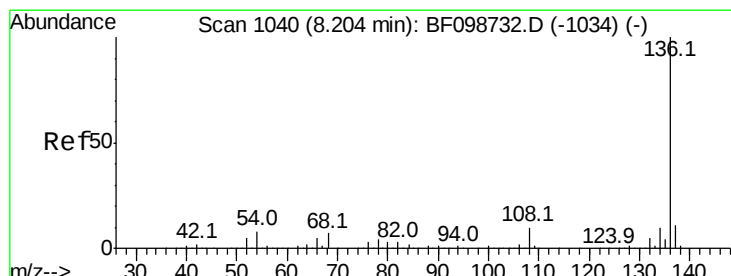
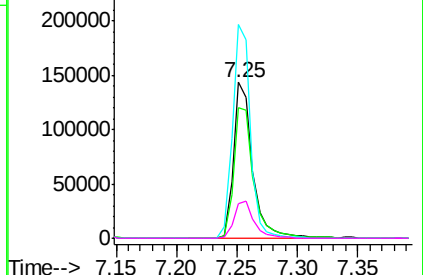
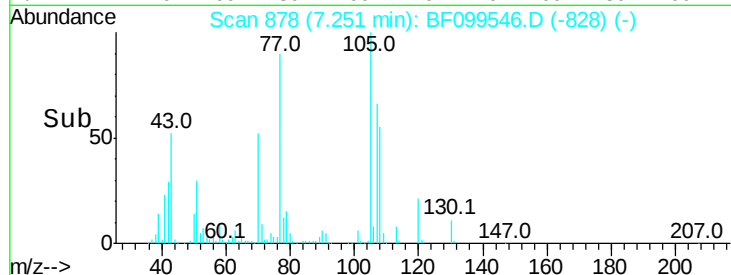
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time--> 7.15 7.20 7.25 7.30 7.35



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:136 Resp: 409032

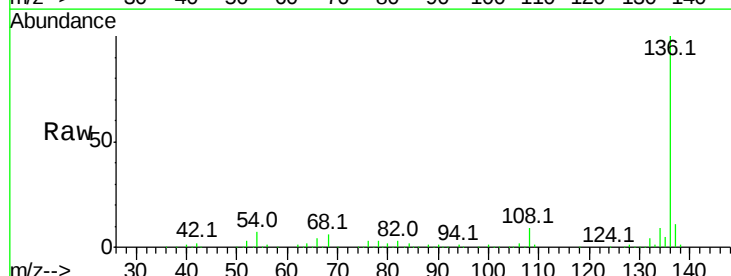
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4



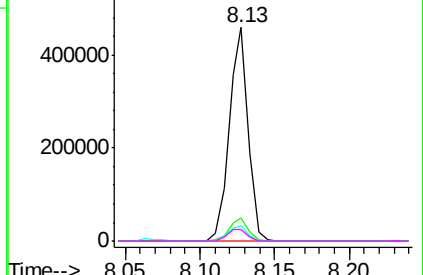
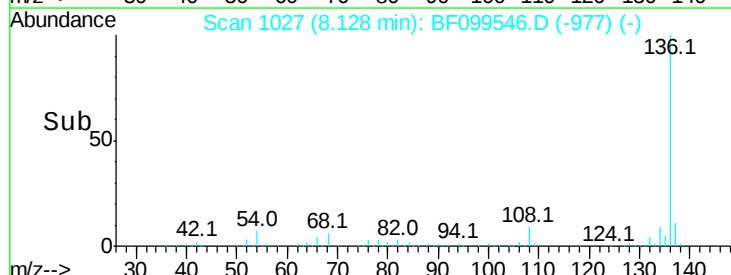
Abundance Ion 136.00 (135.70 to 136.70): E

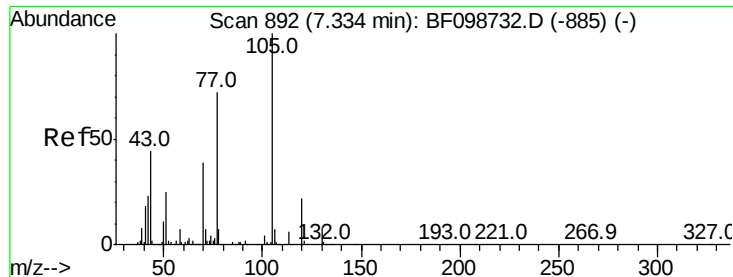
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time--> 8.05 8.10 8.15 8.20





#22

Acetophenone

Concen: 22.192 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

Tot Ion:105 Resp: 219924

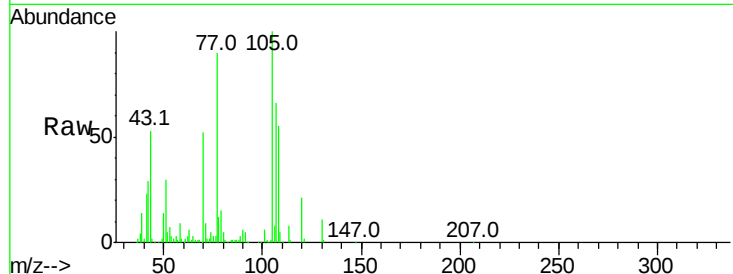
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 30.3 22.3 33.5

120 21.3 16.9 25.3

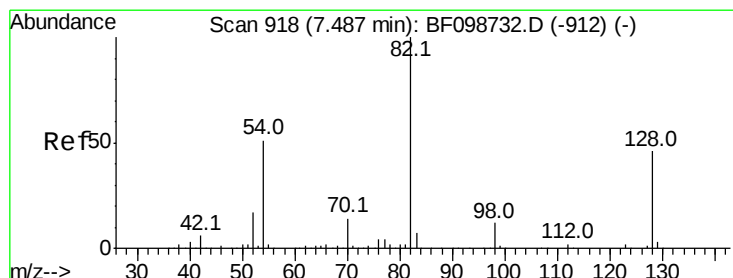
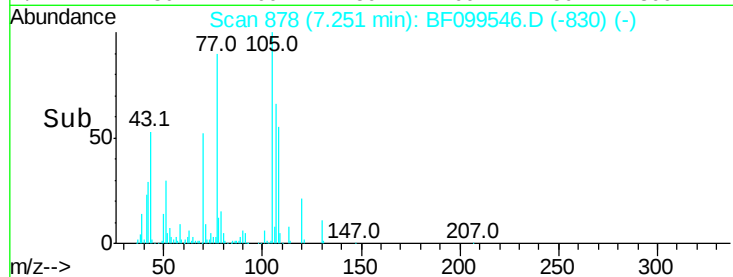
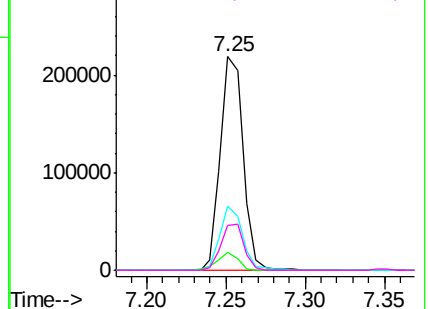


Abundance Ion 105.00 (104.70 to 105.70): E

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: 53.901 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

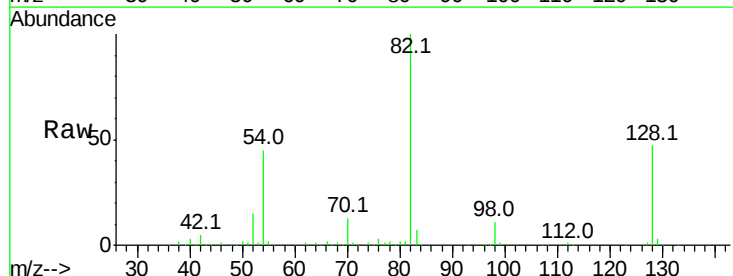
Tgt Ion: 82 Resp: 343790

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

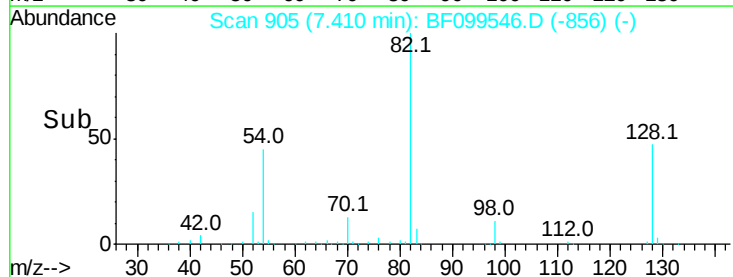
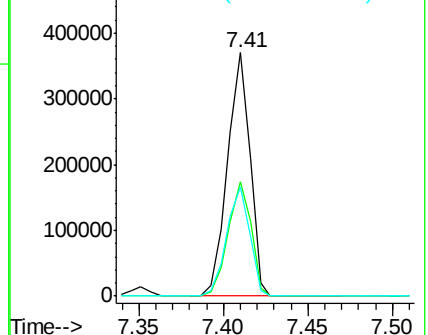
54 45.1 41.4 62.2

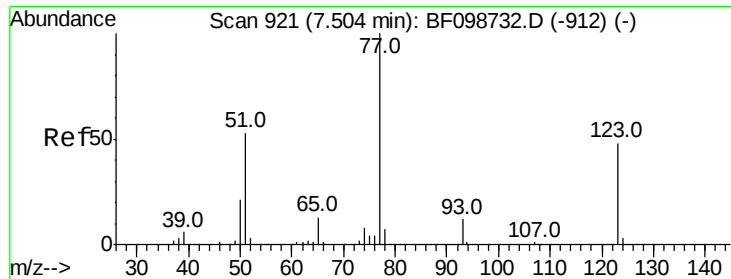


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 22.053 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampled :

S1(1-3)MS

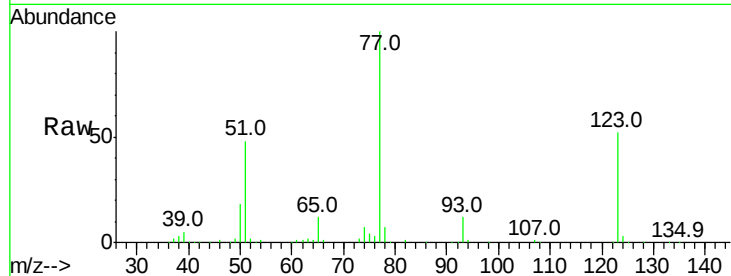
Tot Ion: 77 Resp: 159558

Ion Ratio Lower Upper

77 100

123 52.1 37.9 56.9

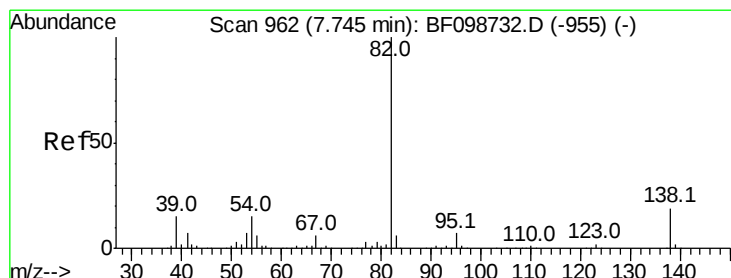
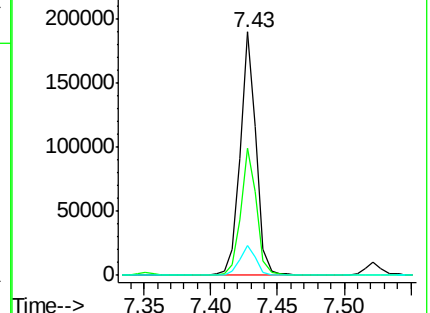
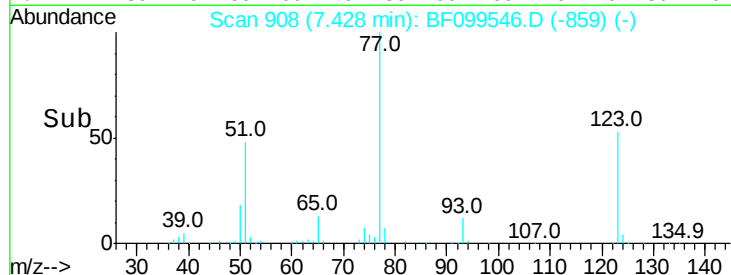
65 12.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 21.747 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

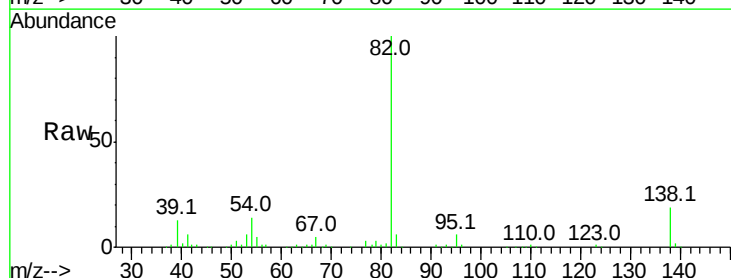
Tgt Ion: 82 Resp: 286769

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

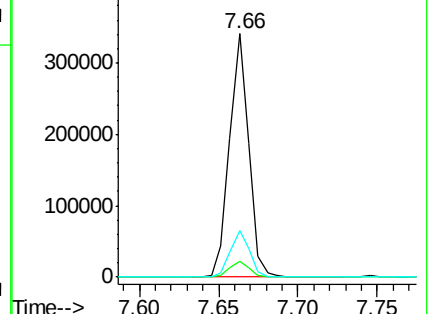
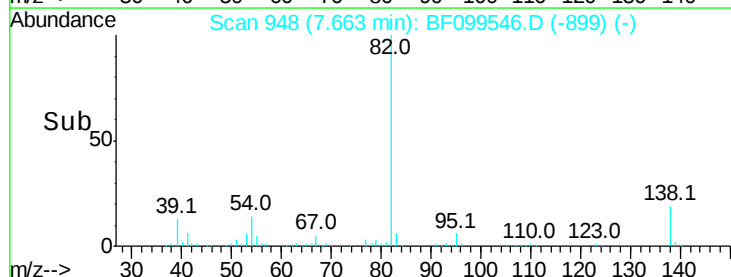
138 19.1 14.9 22.3

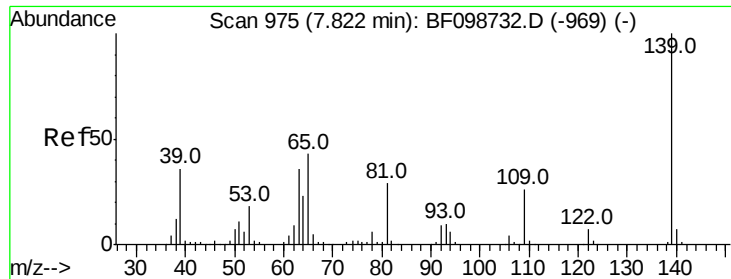


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

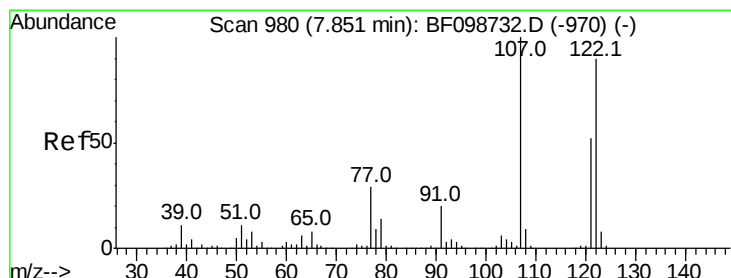
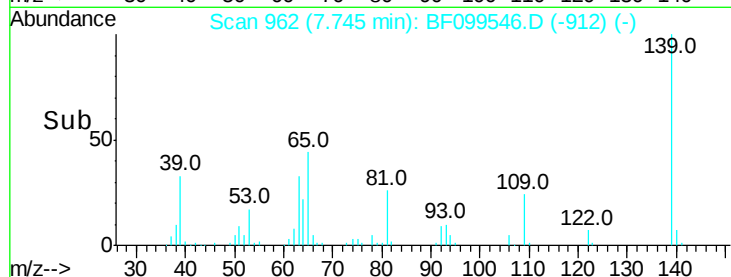
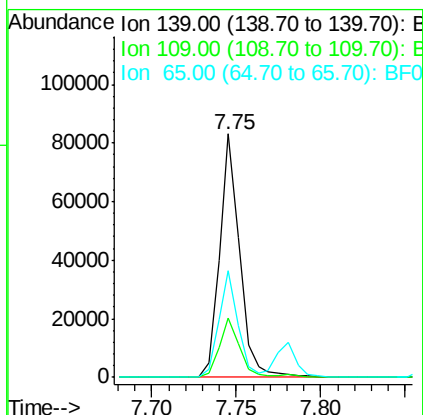
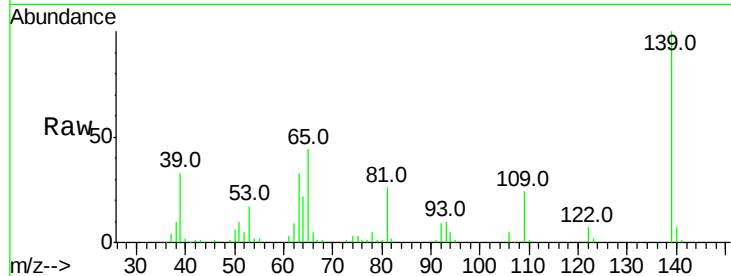




#26
 2-Nitrophenol
 Concen: 19.857 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

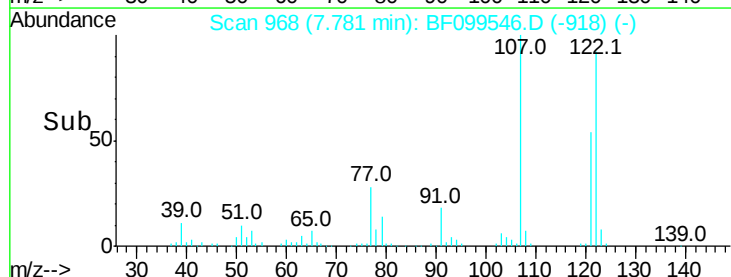
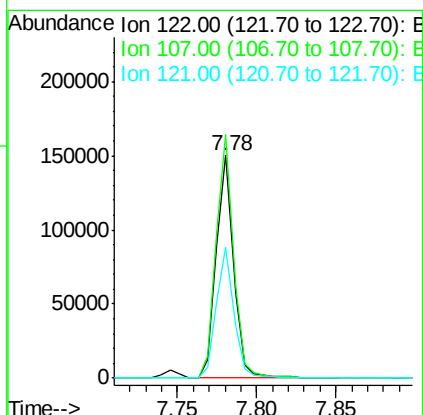
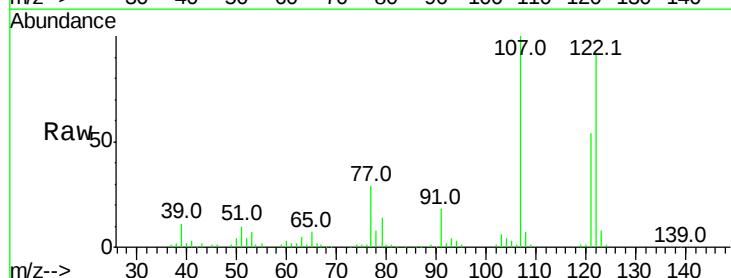
Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

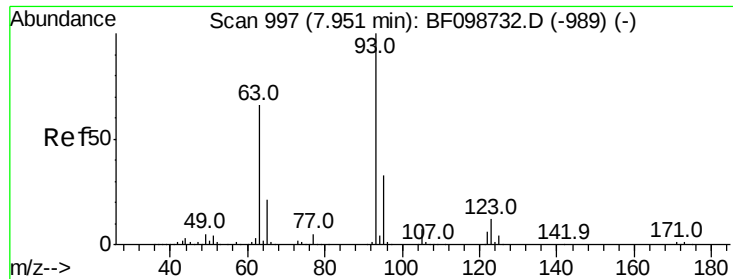
Tot Ion:139 Resp: 69089
 Ion Ratio Lower Upper
 139 100
 109 24.1 22.7 34.1
 65 43.6 40.5 60.7



#27
 2,4-Dimethylphenol
 Concen: 17.649 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:122 Resp: 115961
 Ion Ratio Lower Upper
 122 100
 107 109.2 91.2 136.8
 121 58.7 47.2 70.8

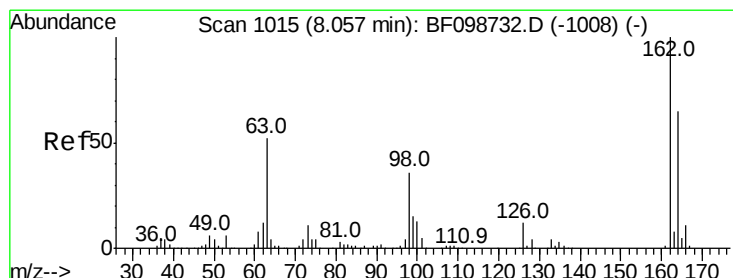
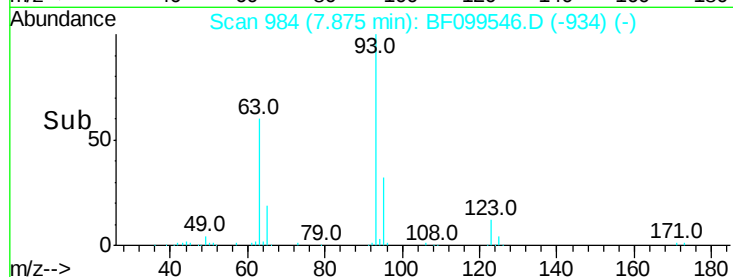
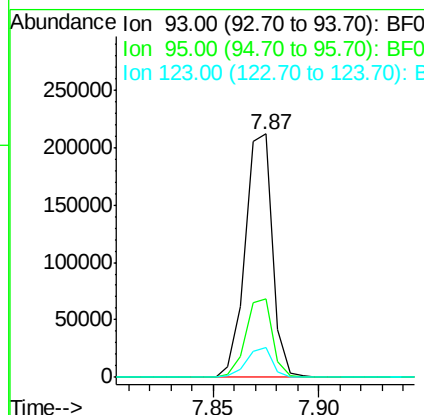
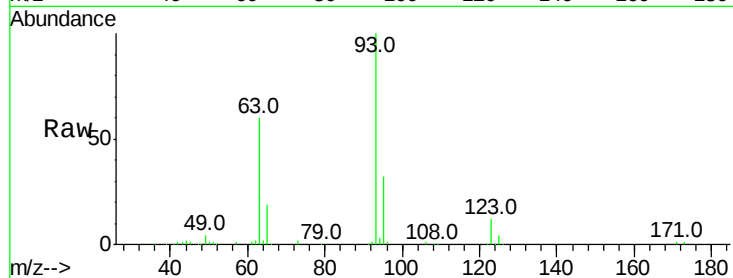




#28
bis(2-Chloroethoxy)methane
Concen: 23.101 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

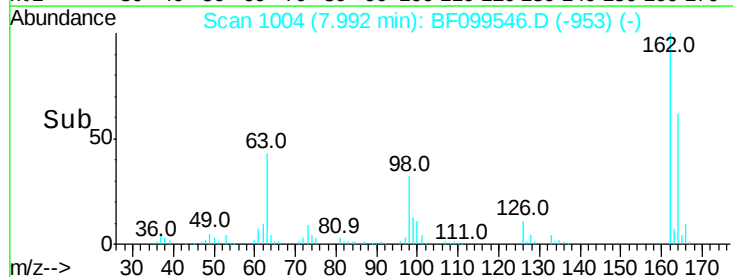
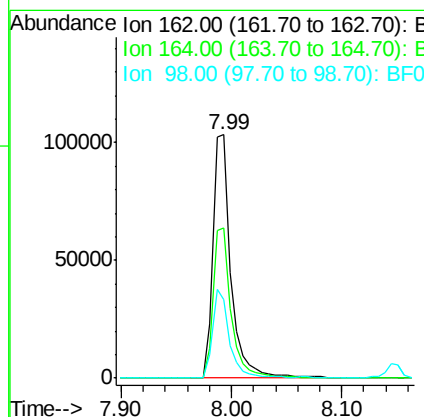
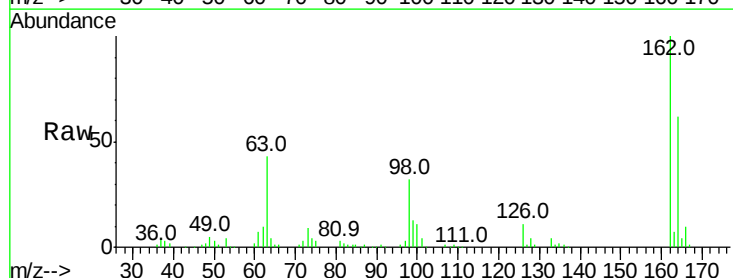
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

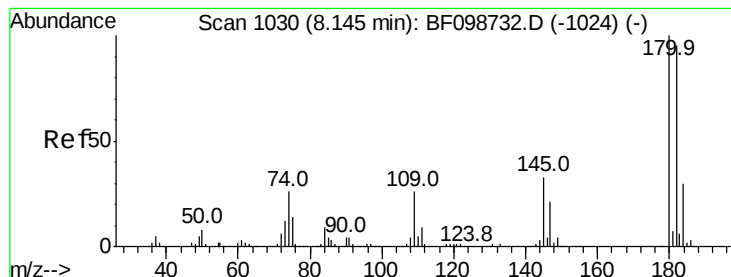
Tot Ion: 93 Resp: 189843
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 12.2 9.8 14.6



#29
2,4-Dichlorophenol
Concen: 20.341 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:162 Resp: 114748
Ion Ratio Lower Upper
162 100
164 61.7 42.7 82.7
98 32.4 18.1 58.1





#30

1,2,4-Trichlorobenzene

Concen: 24.531 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

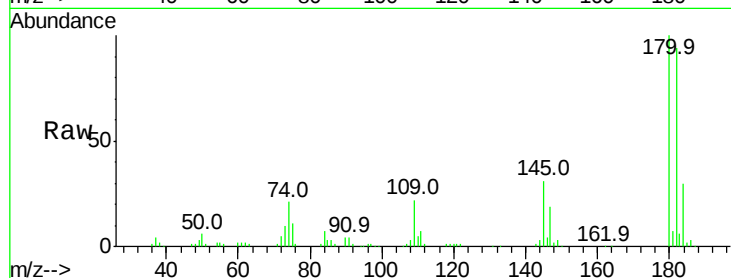
Tot Ion:180 Resp: 138408

Ion Ratio Lower Upper

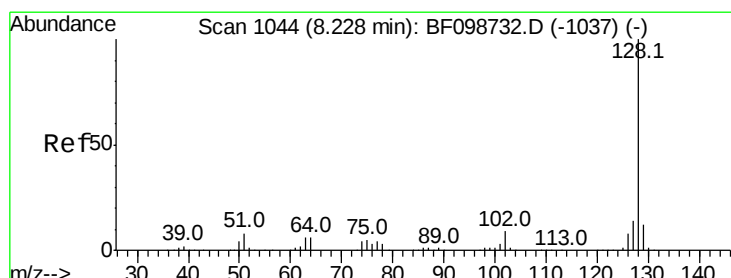
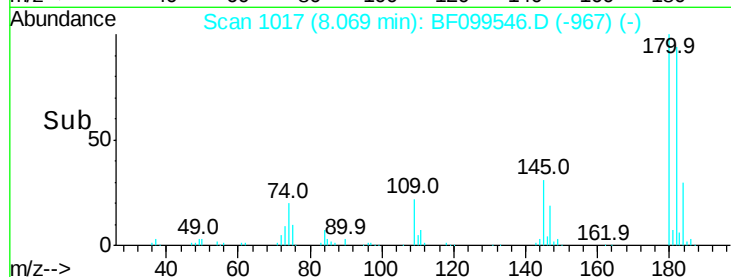
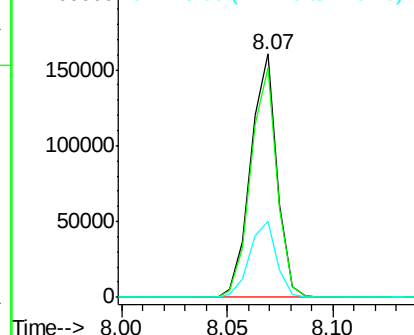
180 100

182 94.2 76.8 115.2

145 31.4 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: 23.973 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

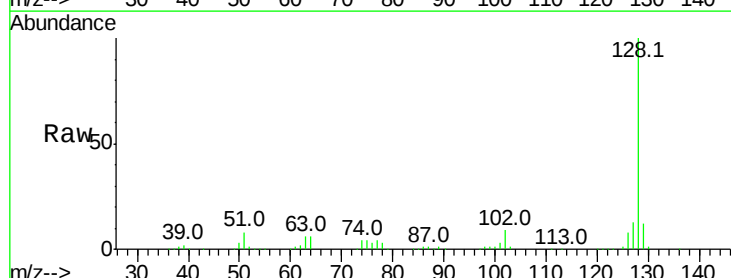
Tgt Ion:128 Resp: 460534

Ion Ratio Lower Upper

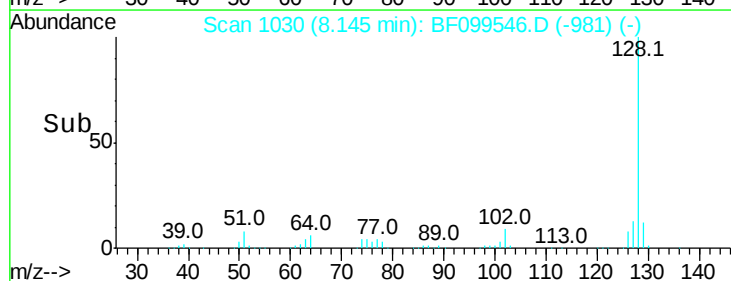
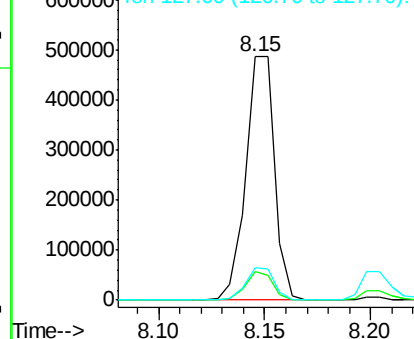
128 100

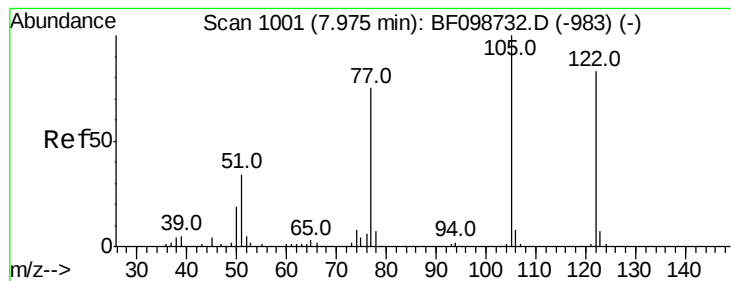
129 11.7 8.8 13.2

127 13.4 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: 21.485 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.14 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

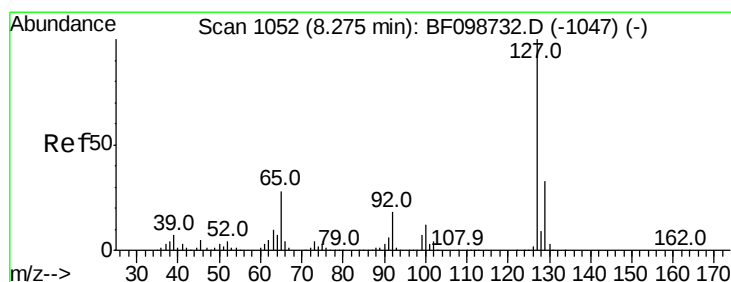
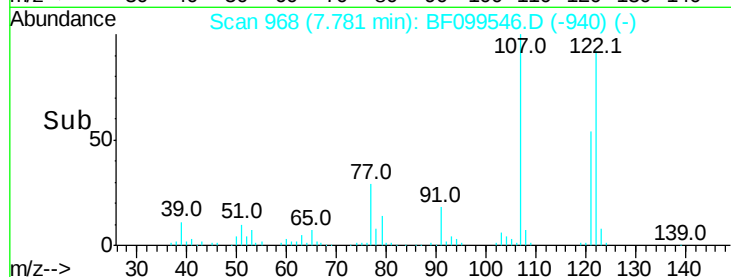
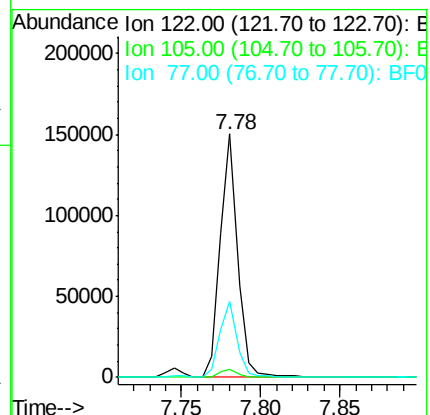
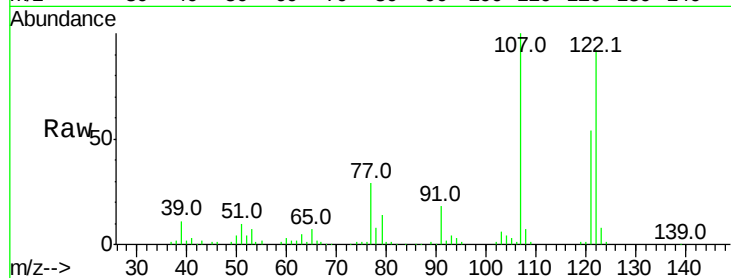
Tot Ion:122 Resp: 115961

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

77 31.2 70.7 110.7#



#33

4-Chloroaniline

Concen: 7.935 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:127 Resp: 63656

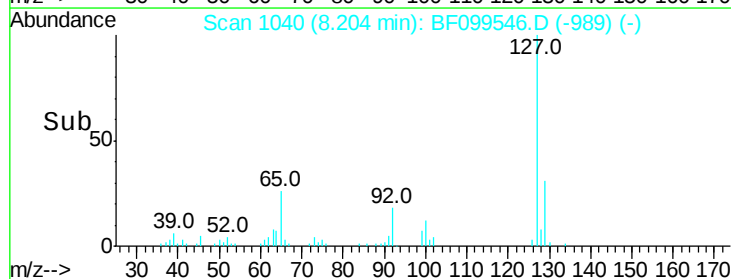
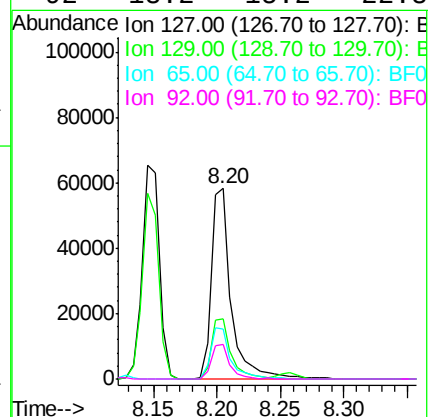
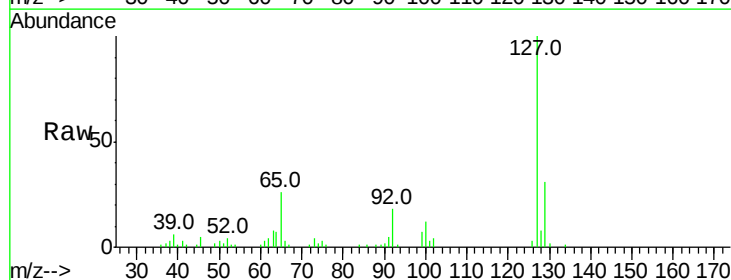
Ion Ratio Lower Upper

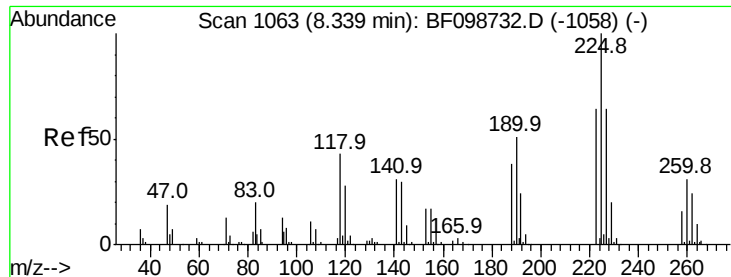
127 100

129 31.3 25.9 38.9

65 26.0 25.0 37.4

92 18.2 15.2 22.8

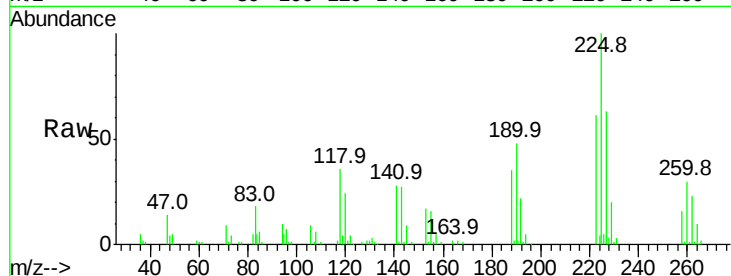




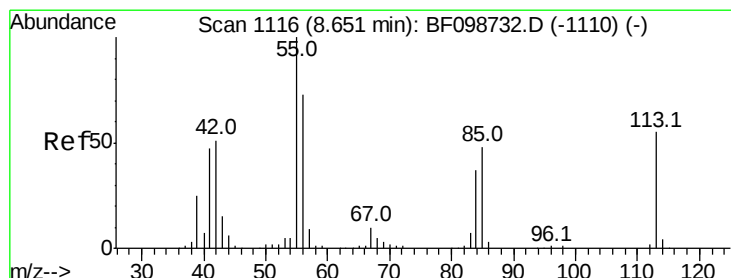
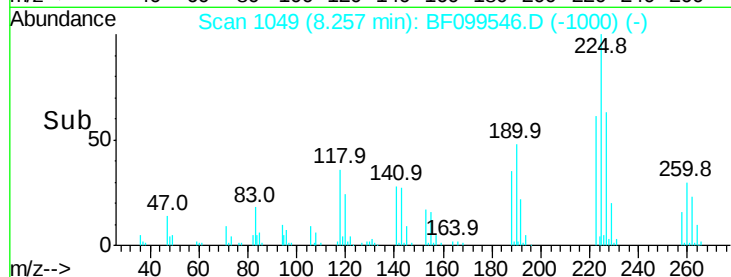
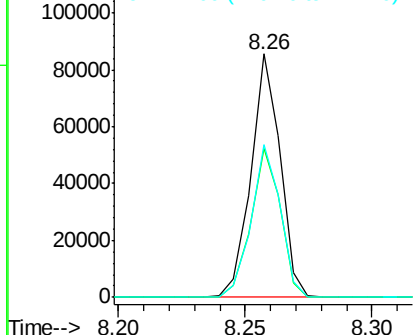
#34
Hexachlorobutadiene
Concen: 23.620 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

Tot Ion:225 Resp: 68643
Ion Ratio Lower Upper
225 100
223 61.1 50.6 76.0
227 62.6 51.9 77.9

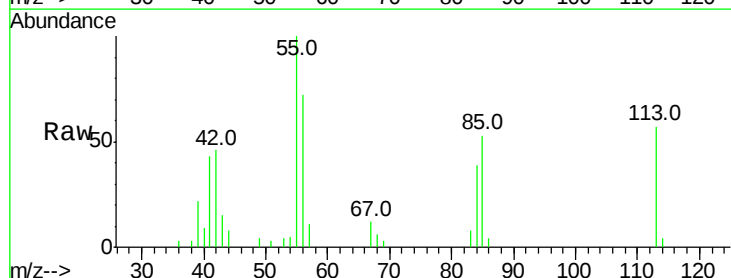


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

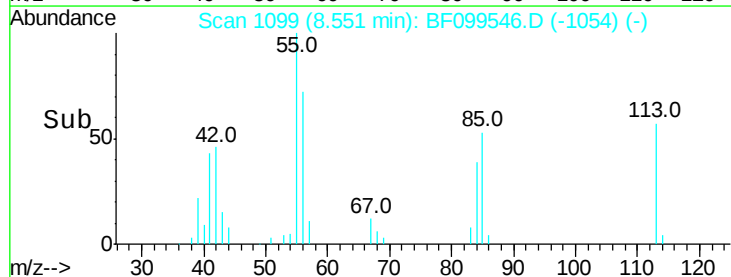
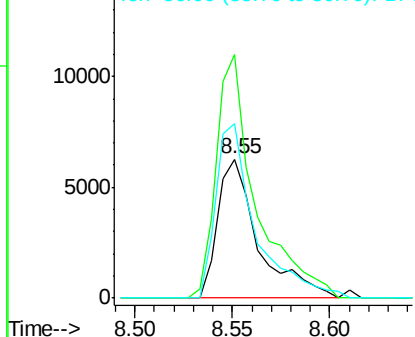


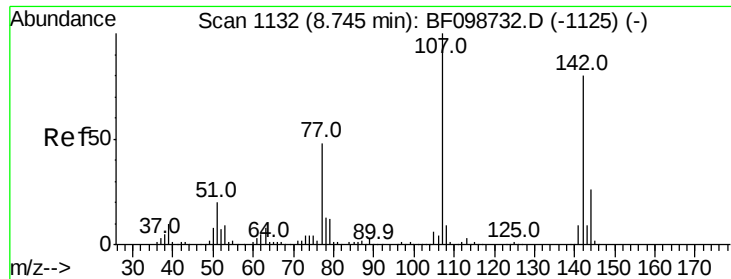
#35
Caprolactam
Concen: 5.020 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.04 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:113 Resp: 9085
Ion Ratio Lower Upper
113 100
55 175.4 163.3 203.3
56 125.9 115.7 155.7



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

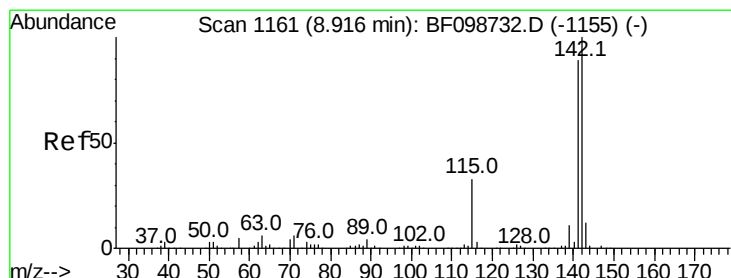
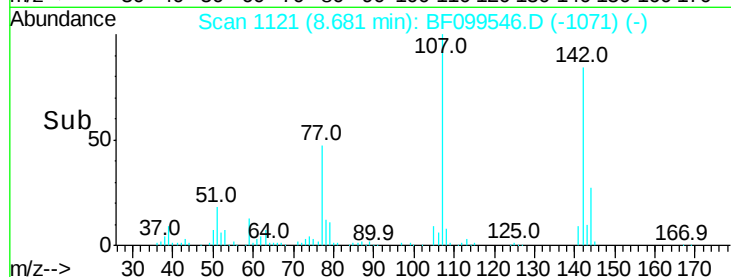
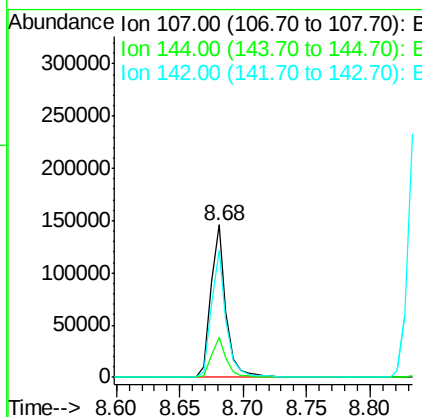
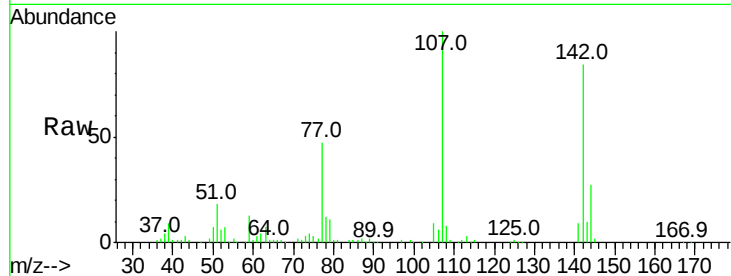




#36
 4-Chloro-3-methylphenol
 Concen: 19.291 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

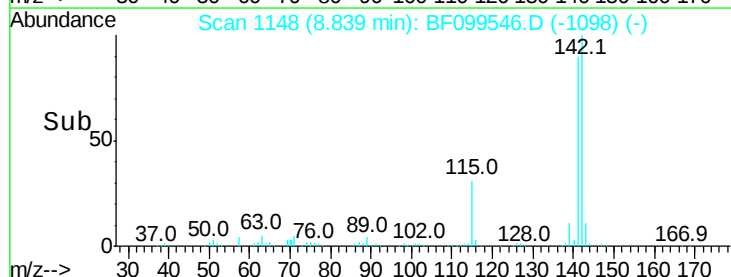
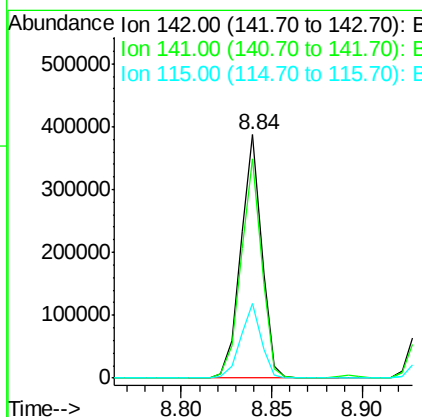
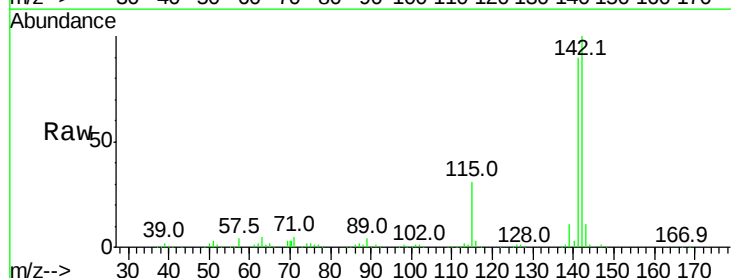
Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

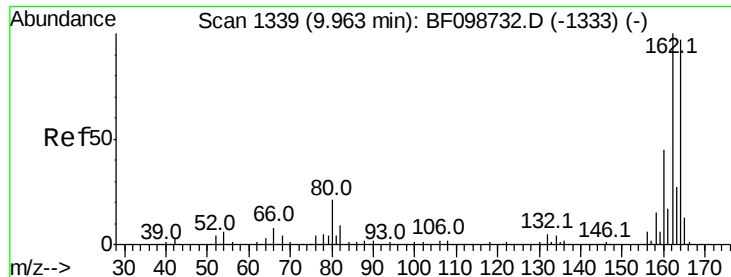
Tot Ion:107 Resp: 122322
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 83.5 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 24.818 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:142 Resp: 309937
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.8 106.2
 115 30.6 26.1 39.1

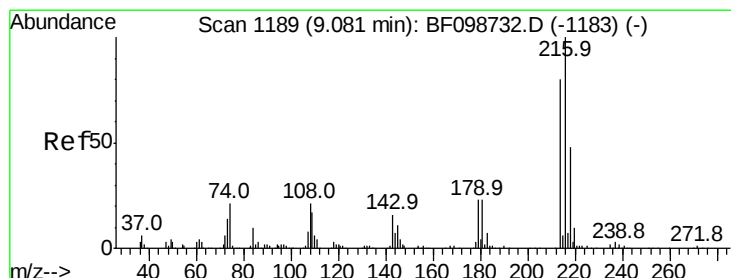
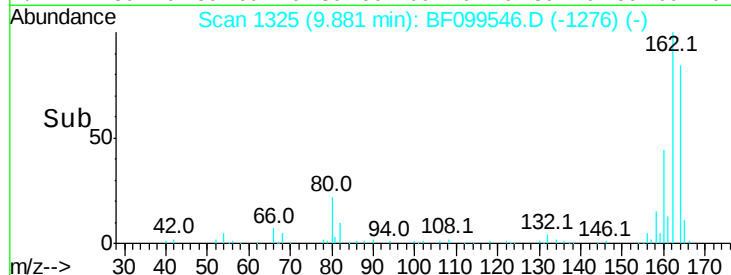
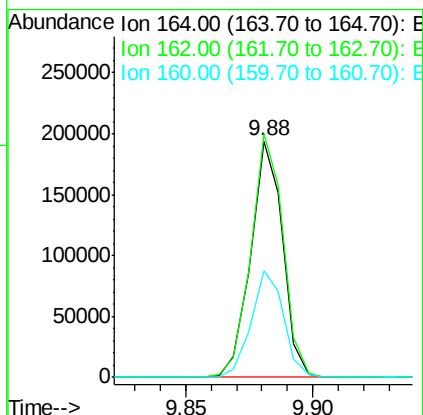
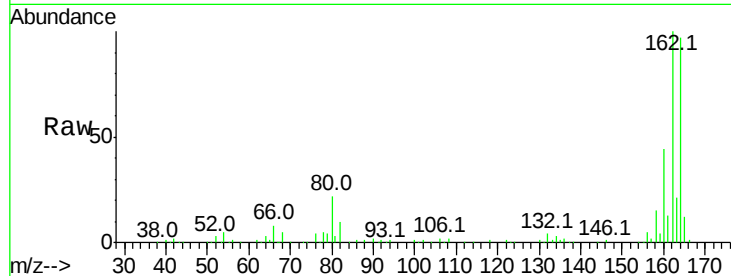




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

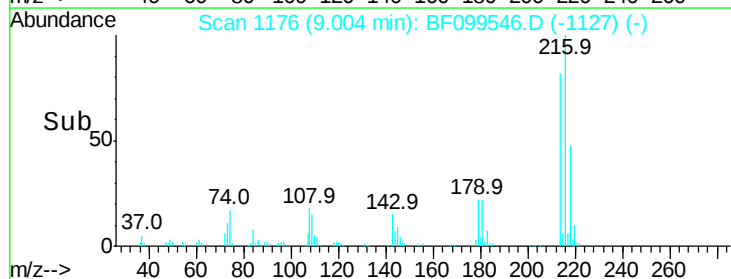
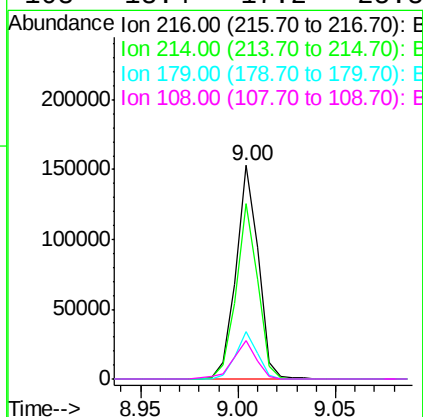
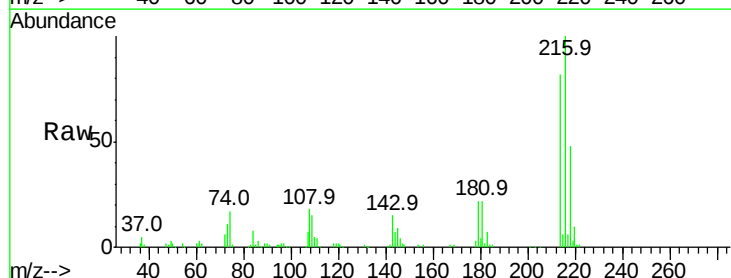
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

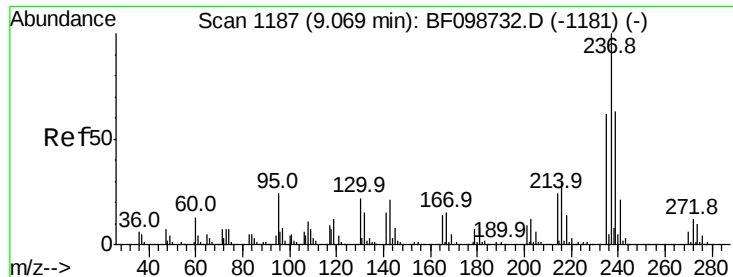
Tot Ion:164 Resp: 169008
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.0 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.066 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:216 Resp: 121302
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.4
179 21.6 18.1 27.1
108 18.4 17.2 25.8

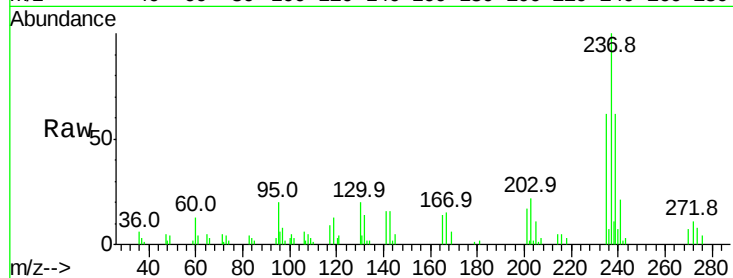




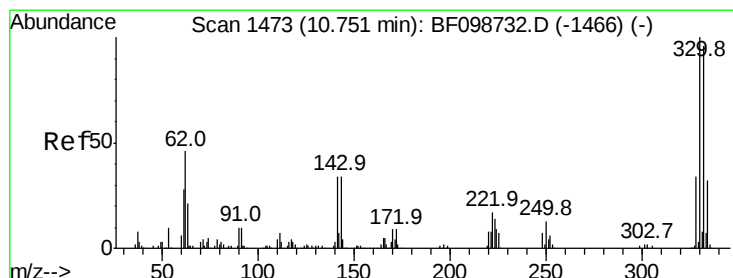
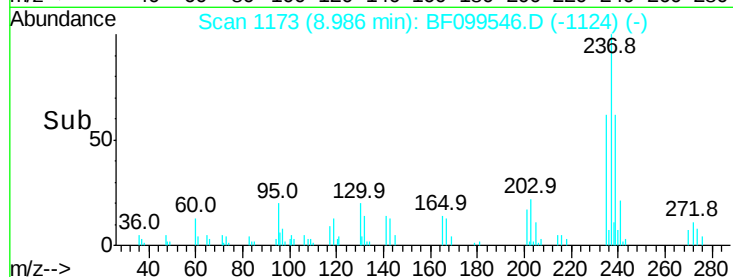
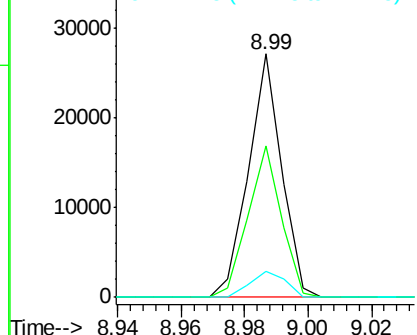
#40
Hexachlorocyclopentadiene
Concen: 8.509 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

Tot Ion: 237 Resp: 19599
Ion Ratio Lower Upper
237 100
235 62.3 44.8 84.8
272 10.9 0.0 33.3

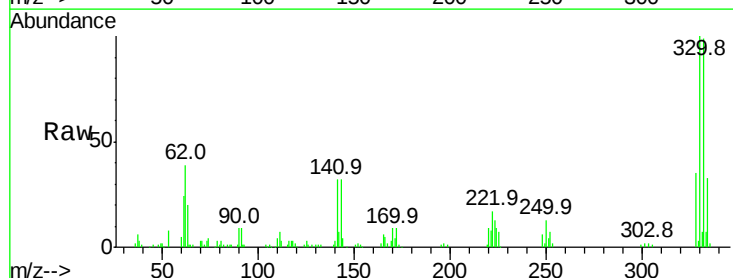


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

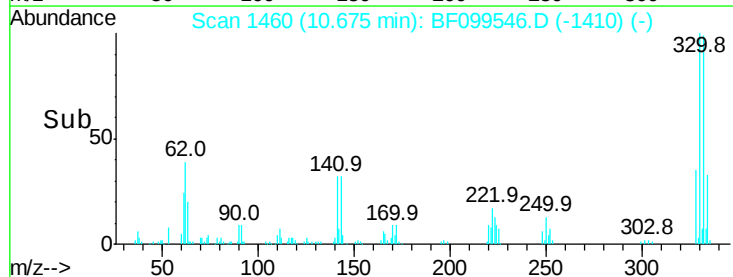
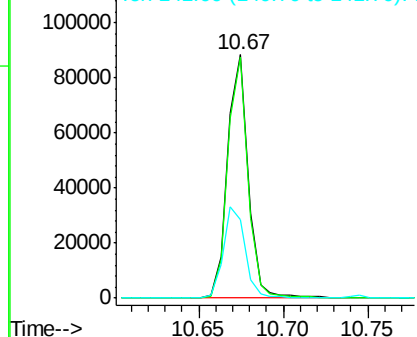


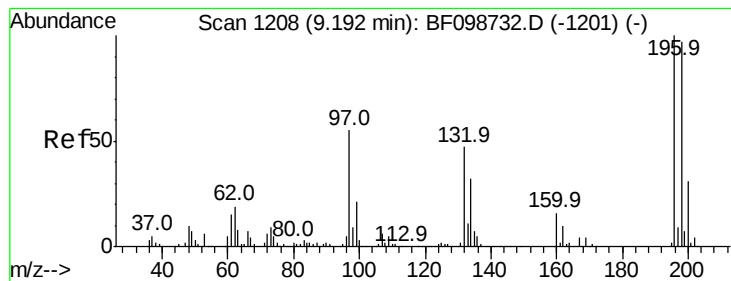
#41
2,4,6-Tribromophenol
Concen: 54.255 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 330 Resp: 75032
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 39.7 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: 17.212 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

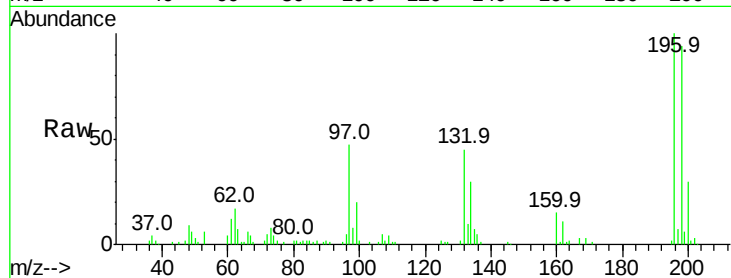
Tot Ion:196 Resp: 61460

Ion Ratio Lower Upper

196 100

198 94.3 75.7 113.5

200 29.9 24.5 36.7

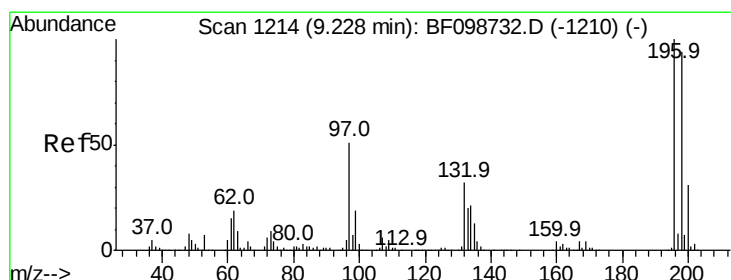
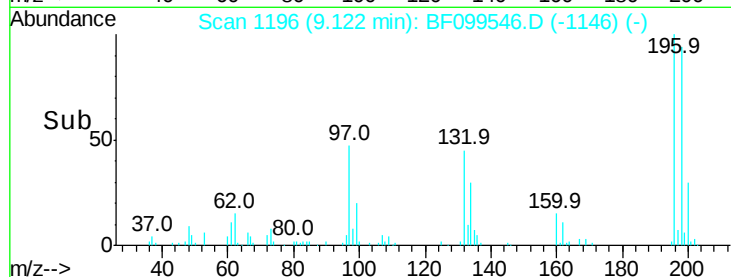
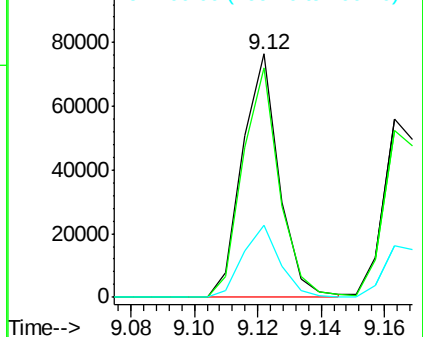


Abundance

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: 15.834 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:196 Resp: 56438

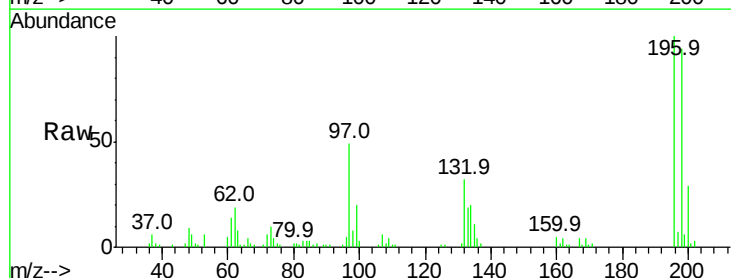
Ion Ratio Lower Upper

196 100

198 93.6 74.6 112.0

97 49.1 42.9 64.3

132 32.1 26.3 39.5



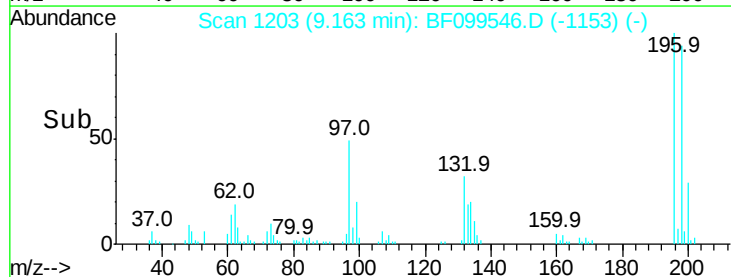
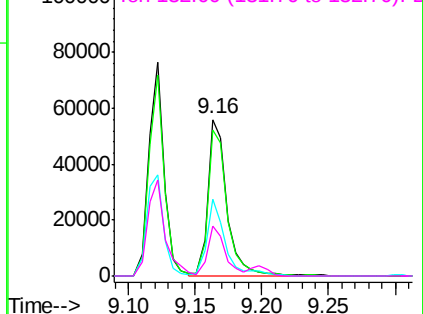
Abundance

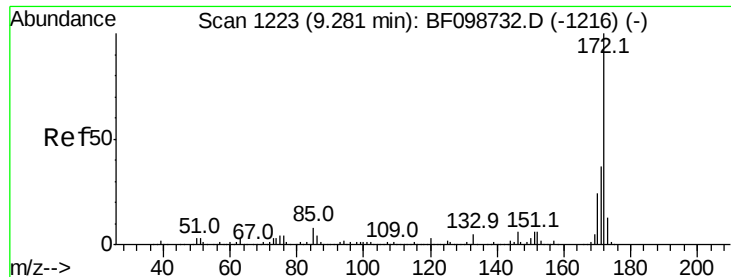
Ion 196.00 (195.70 to 196.70): E

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

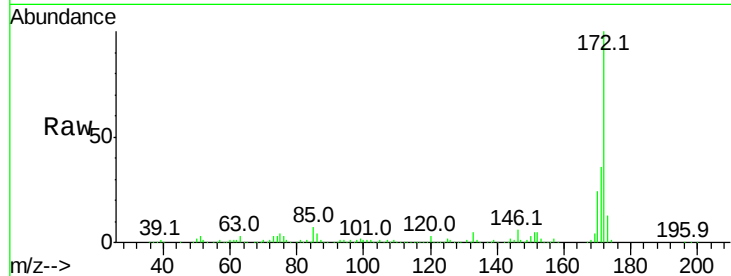




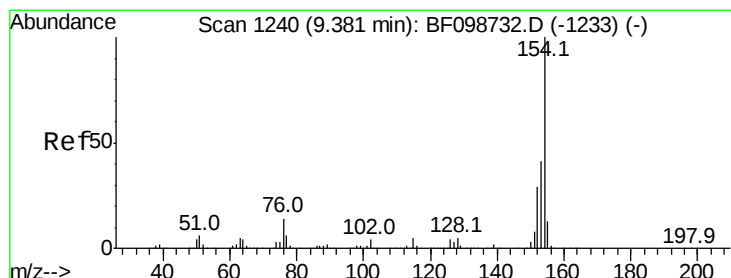
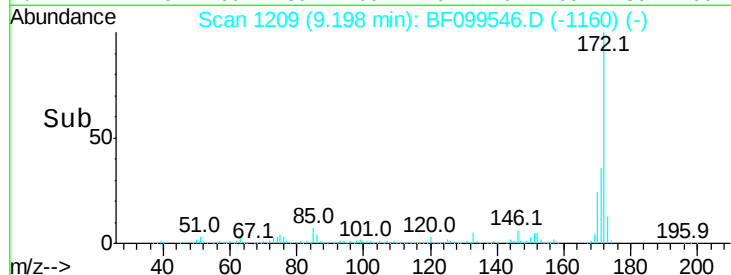
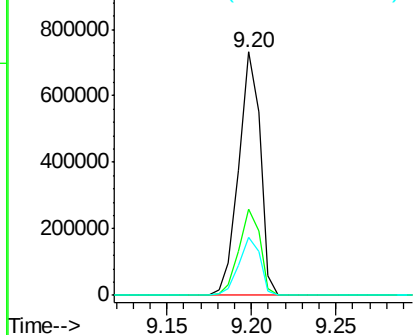
#44
2-Fluorobiphenyl
Concen: 64.115 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

Tot Ion:172 Resp: 649089
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.7 19.6 29.4

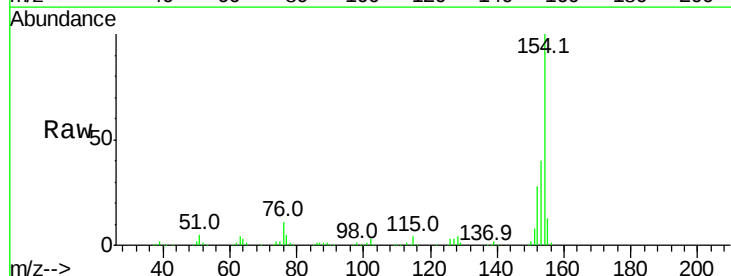


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

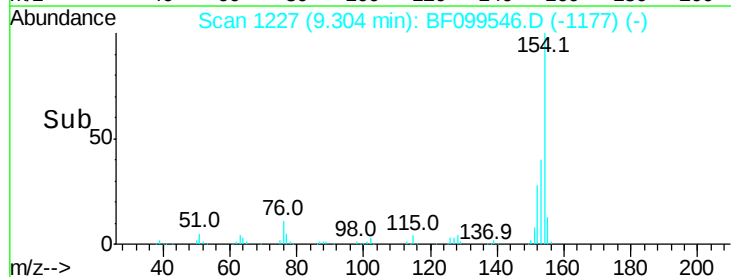
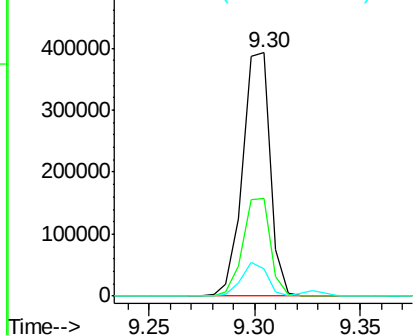


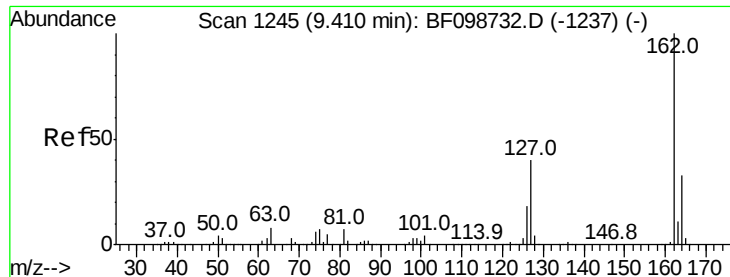
#45
1,1'-Biphenyl
Concen: 24.452 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:154 Resp: 355171
Ion Ratio Lower Upper
154 100
153 40.1 21.3 61.3
76 11.4 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

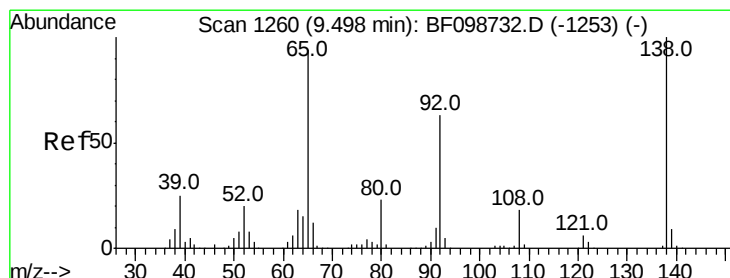
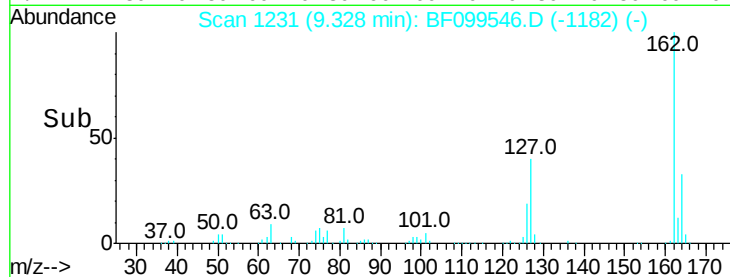
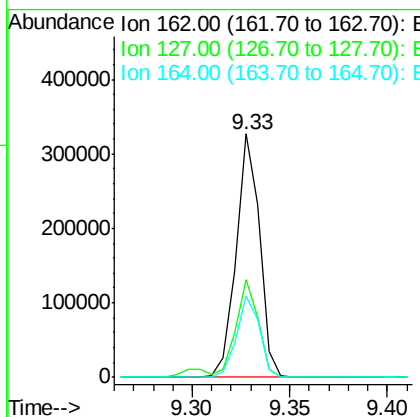
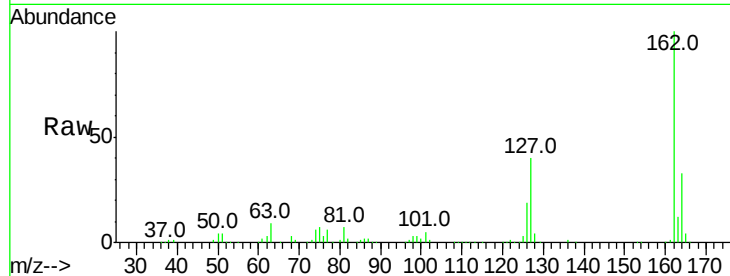




#46
 2-Chloronaphthalene
 Concen: 24.880 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

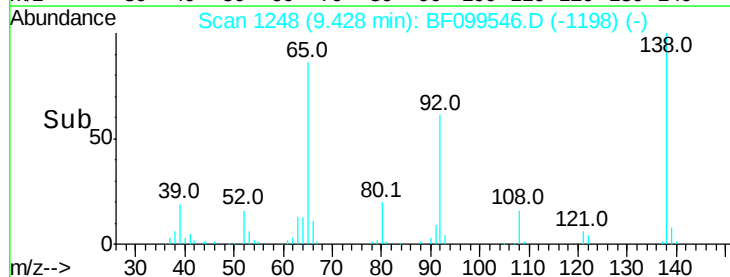
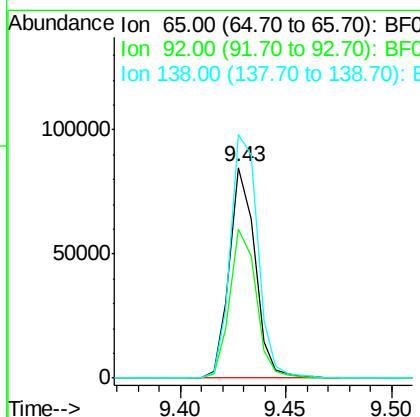
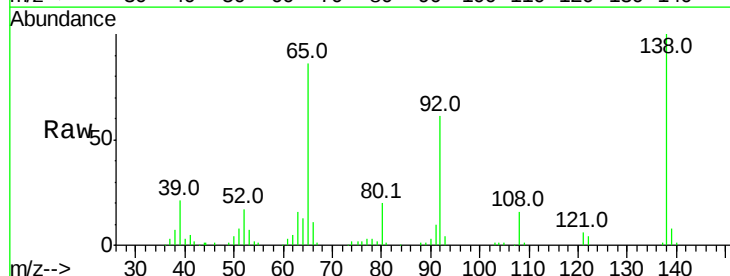
Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

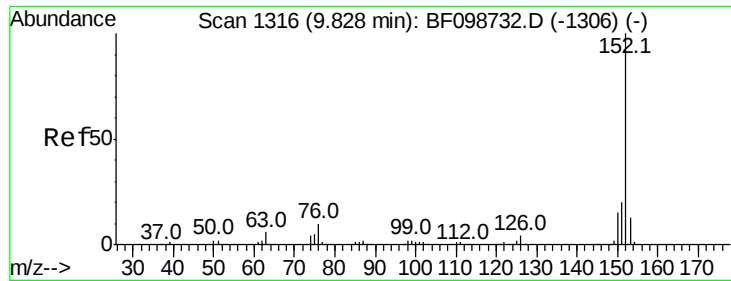
Tot Ion:162 Resp: 271336
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.9 50.9
 164 33.1 26.5 39.7



#47
 2-Nitroaniline
 Concen: 21.374 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion: 65 Resp: 71376
 Ion Ratio Lower Upper
 65 100
 92 71.0 55.8 83.6
 138 115.6 91.2 136.8

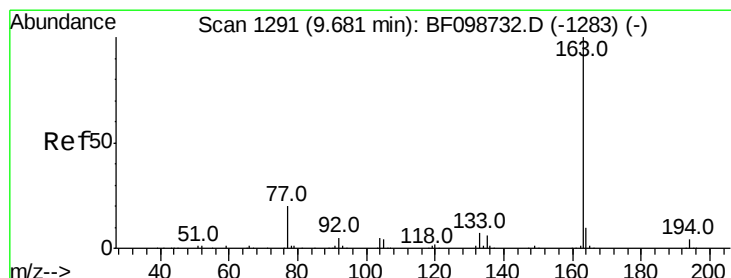
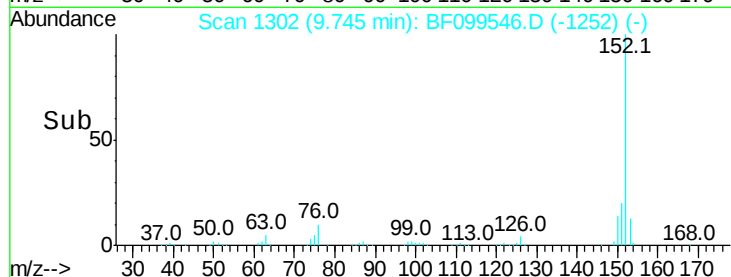
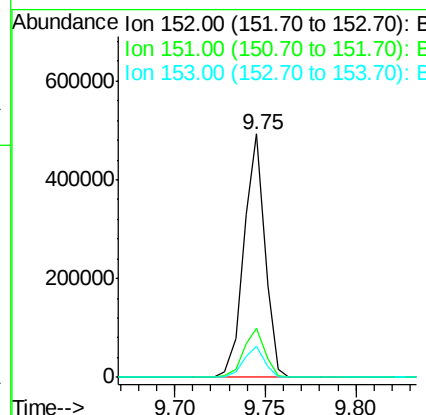
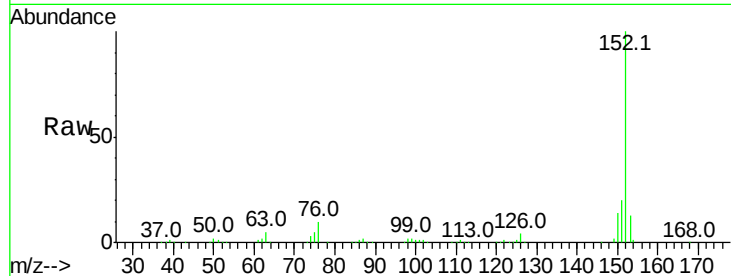




#48
Acenaphthylene
Concen: 23.645 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

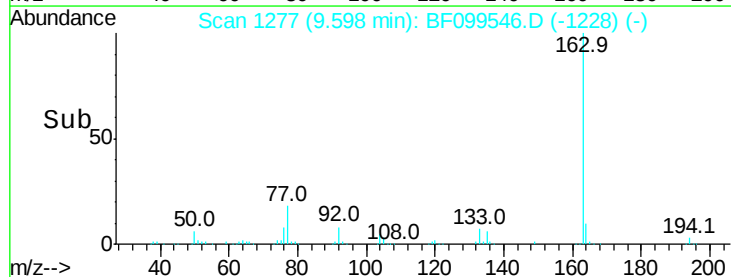
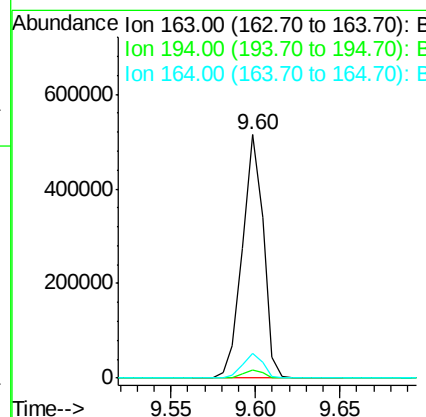
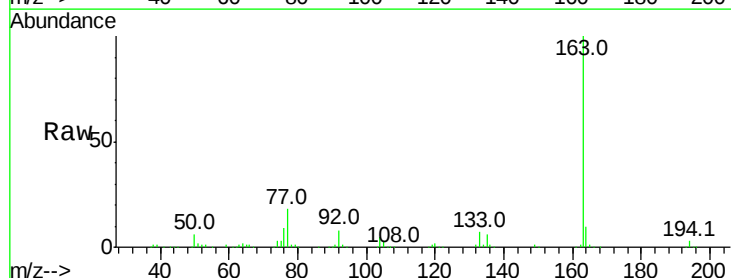
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

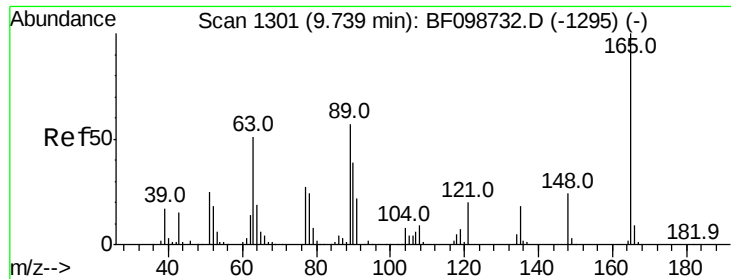
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.9	10.7	16.1



#49
Dimethylphthalate
Concen: 34.786 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2

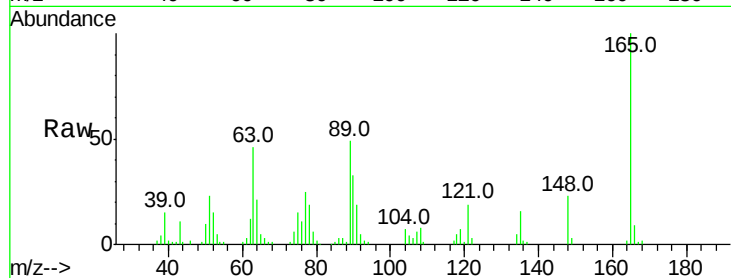




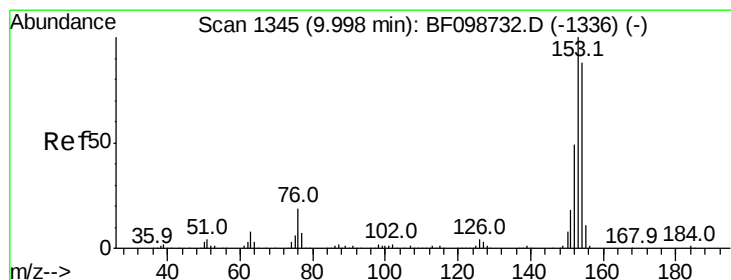
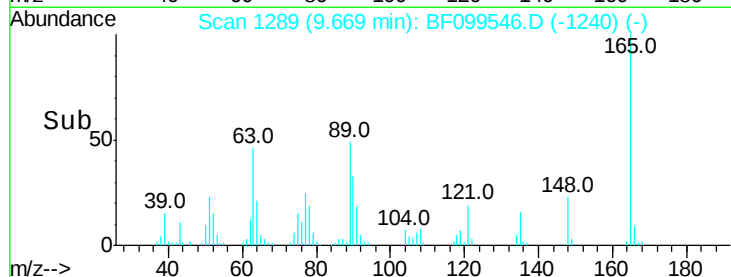
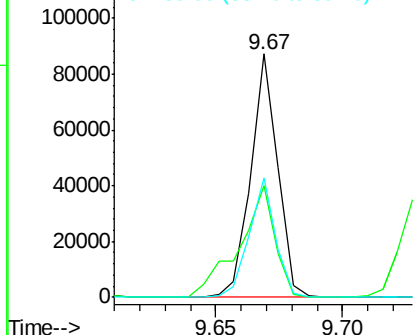
#50
2,6-Dinitrotoluene
Concen: 23.200 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

Tot Ion:165 Resp: 64426
Ion Ratio Lower Upper
165 100
63 45.7 44.7 67.1
89 49.0 44.0 66.0

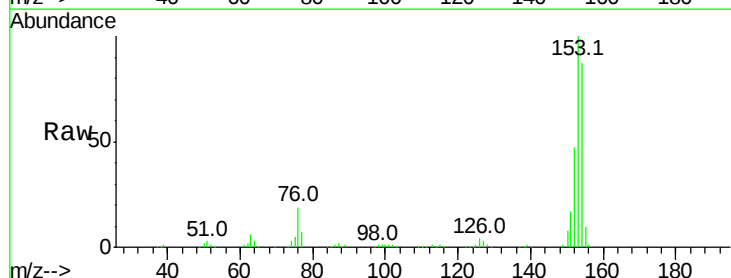


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

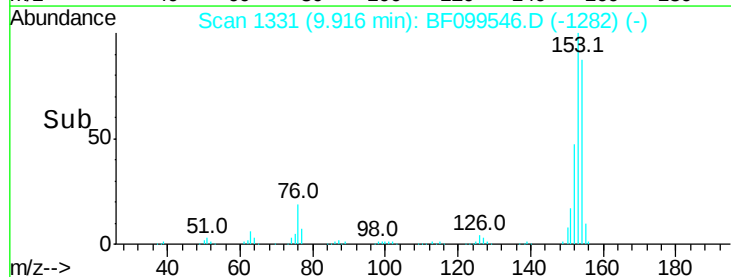
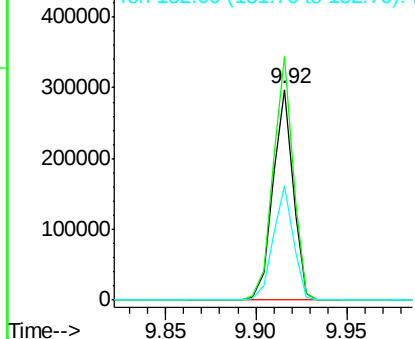


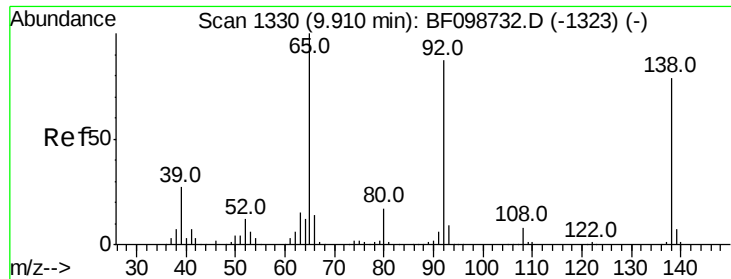
#51
Acenaphthene
Concen: 21.805 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:154 Resp: 230595
Ion Ratio Lower Upper
154 100
153 115.4 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

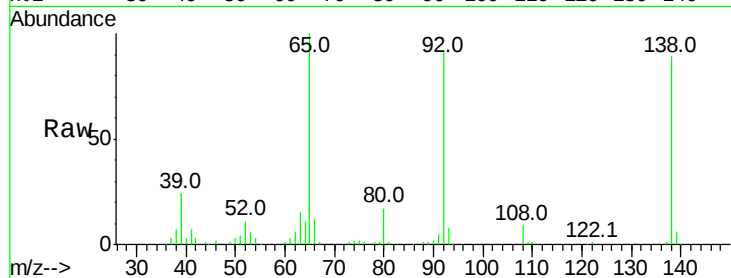




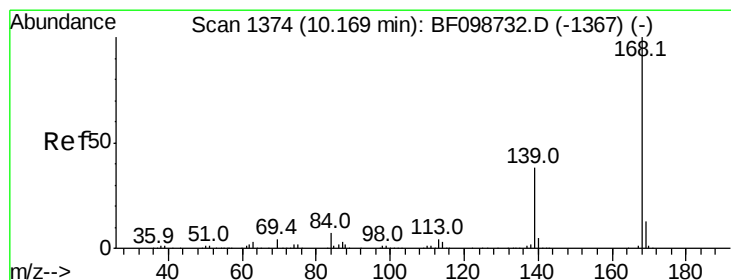
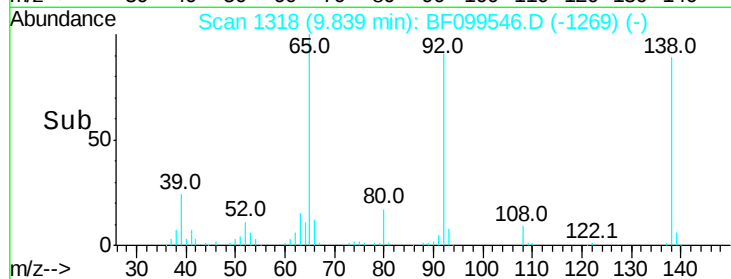
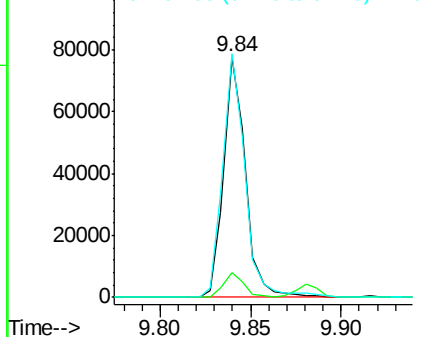
#52
3-Nitroaniline
Concen: 20.111 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

Tot Ion:138 Resp: 65120
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 101.3 89.4 134.2

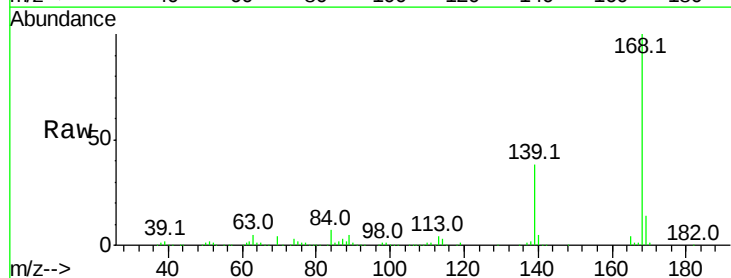


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

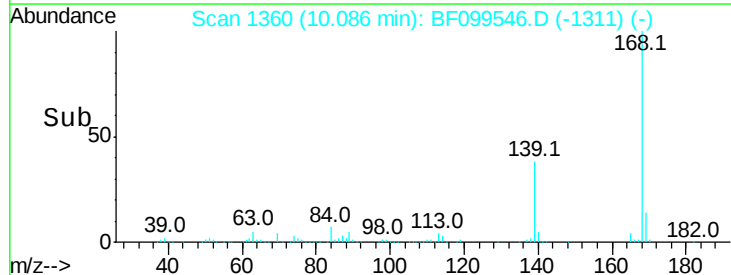
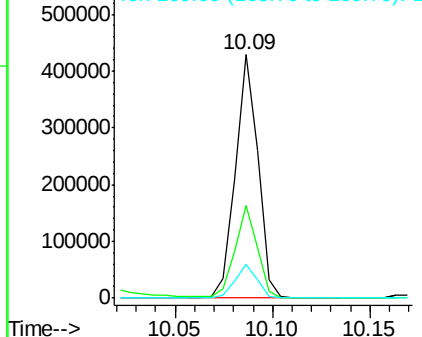


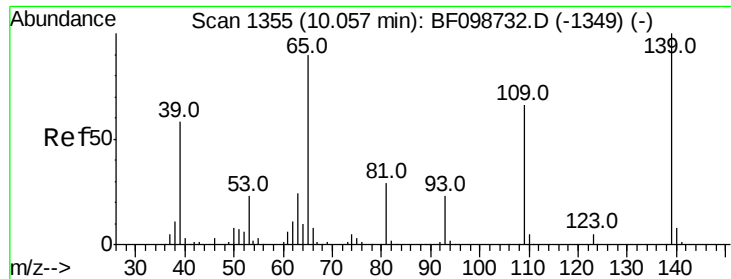
#54
Dibenzofuran
Concen: 24.405 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:168 Resp: 343646
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.6 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

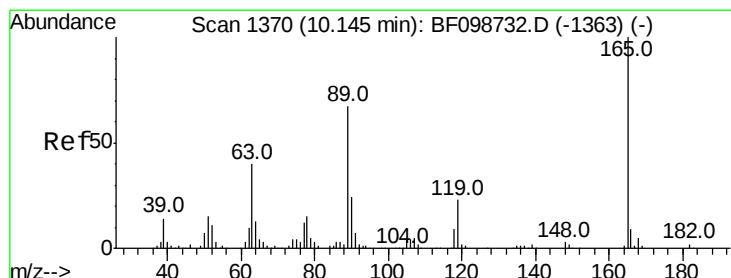
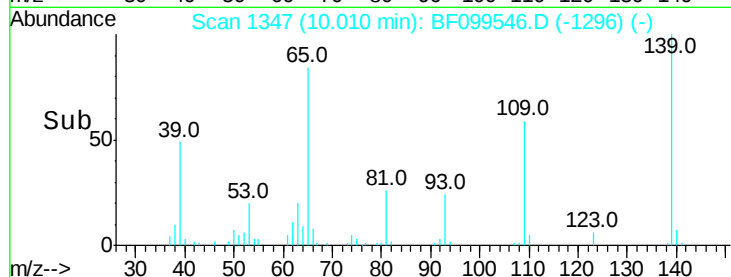
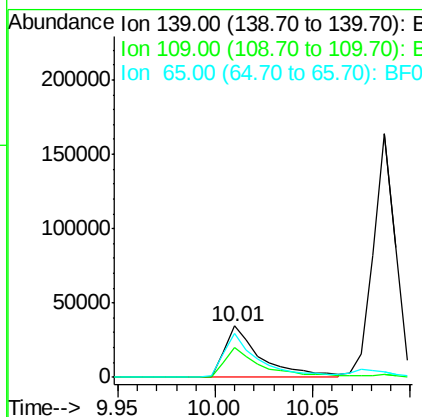
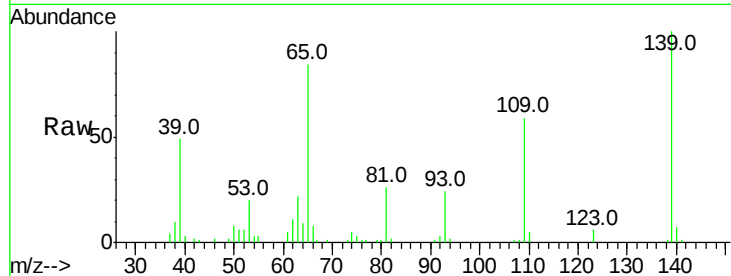




#55
4-Nitrophenol
Concen: 16.033 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

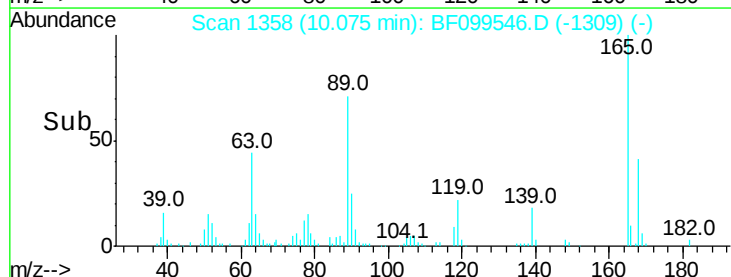
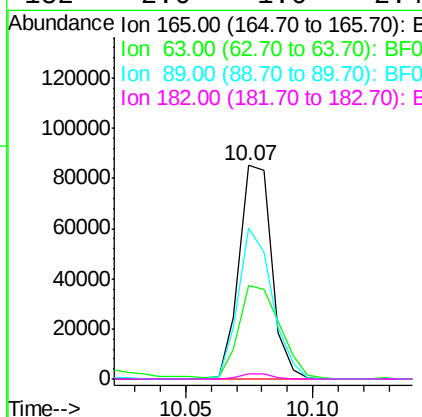
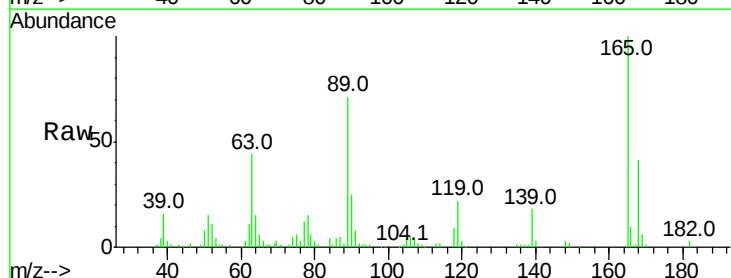
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

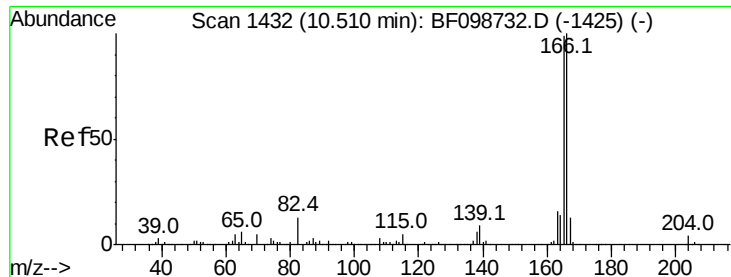
Tot Ion:139 Resp: 43898
Ion Ratio Lower Upper
139 100
109 58.7 48.4 88.4
65 84.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 21.236 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:165 Resp: 76537
Ion Ratio Lower Upper
165 100
63 43.7 36.4 54.6
89 70.6 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 23.174 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

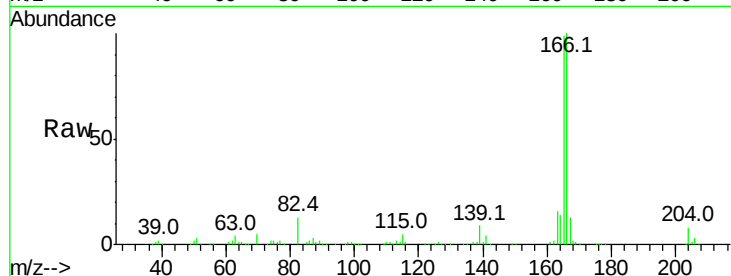
Tot Ion:166 Resp: 262272

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

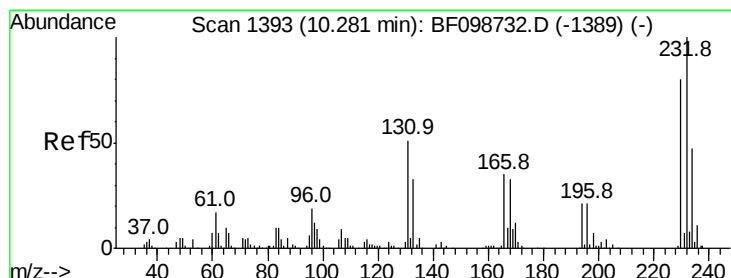
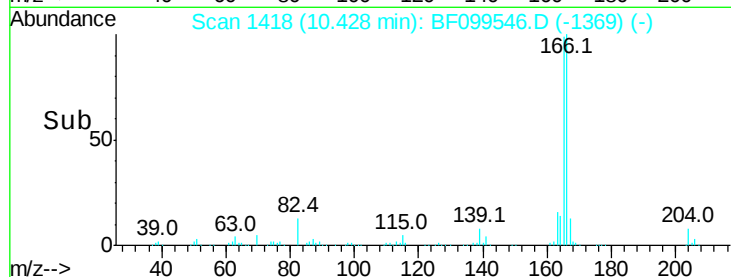
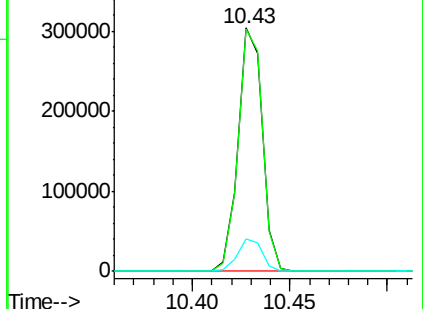
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.723 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:232 Resp: 26404

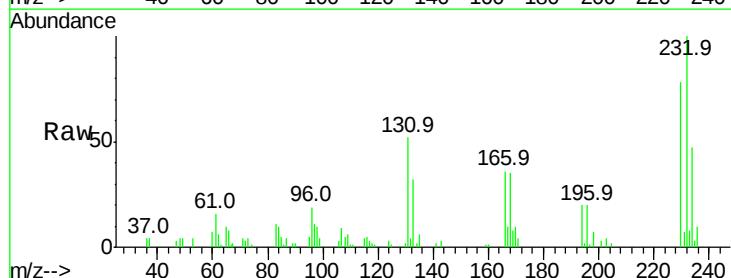
Ion Ratio Lower Upper

232 100

131 52.8 43.8 65.8

130 2.1 2.1 3.1

166 34.6 27.8 41.6

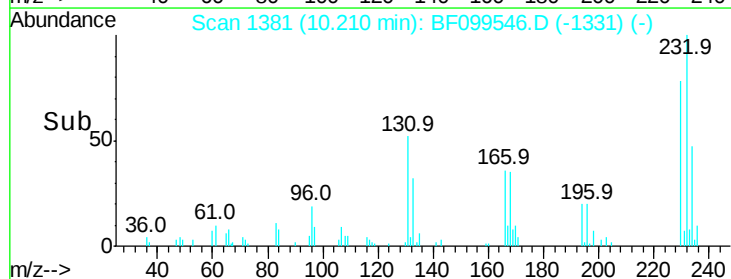
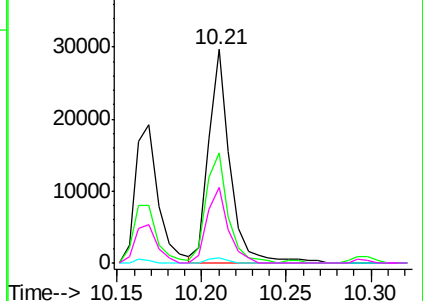


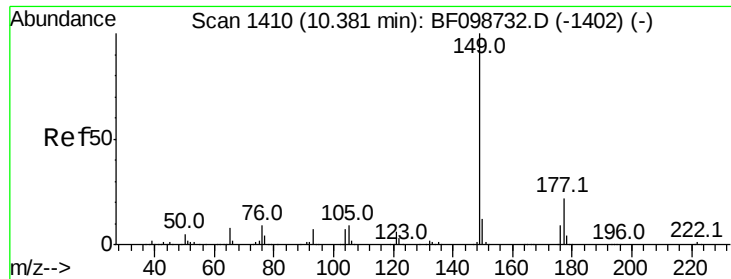
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

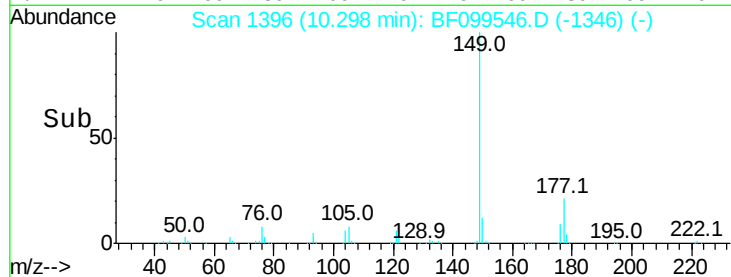
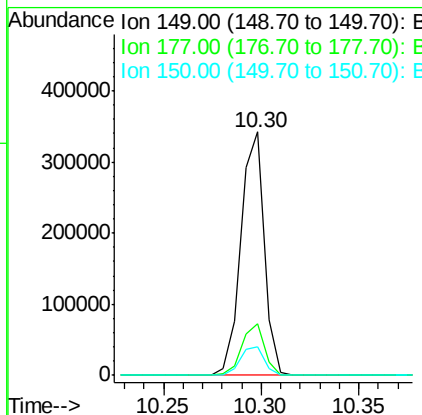
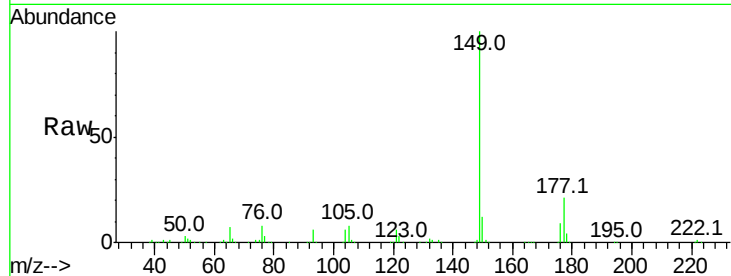




#59
Diethylphthalate
Concen: 22.797 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

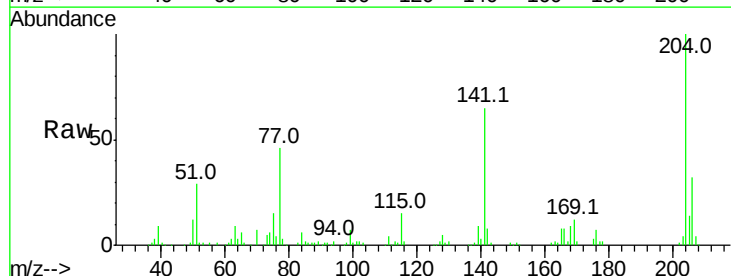
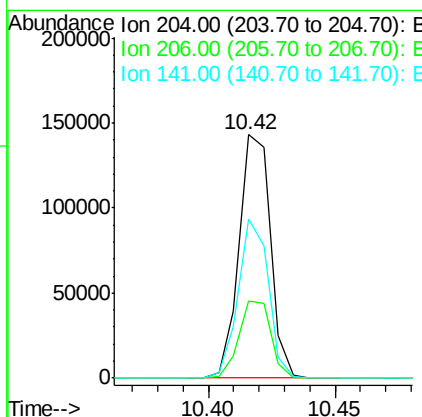
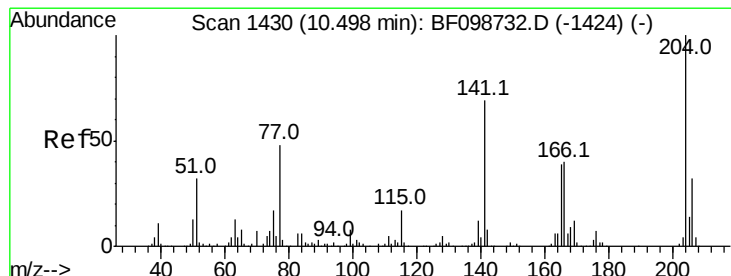
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

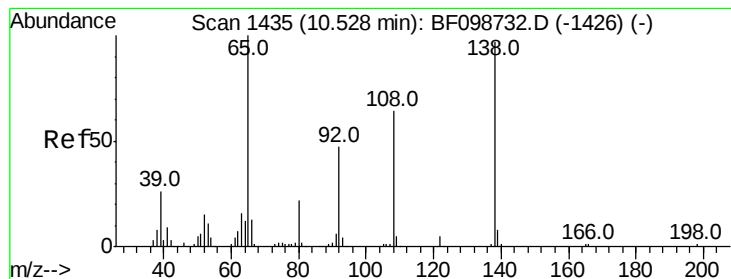
Tot Ion:149 Resp: 284142
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 24.181 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:204 Resp: 122931
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 65.3 54.6 81.8





#61

4-Nitroaniline

Concen: 19.038 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

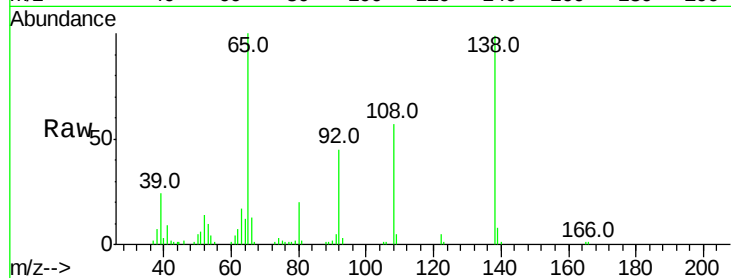
Tot Ion:138 Resp: 59472

Ion Ratio Lower Upper

138 100

92 45.4 30.2 70.2

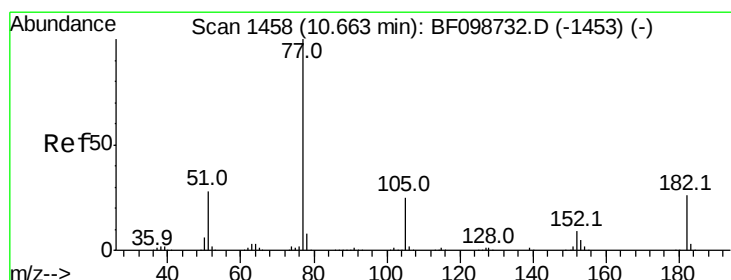
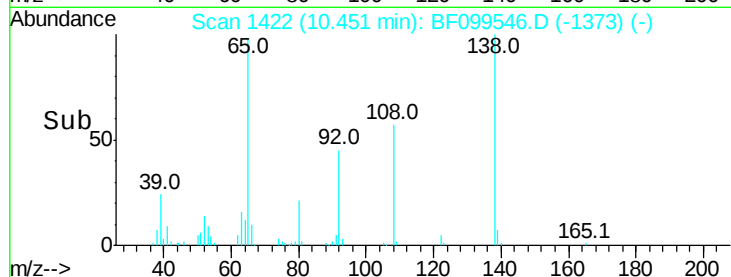
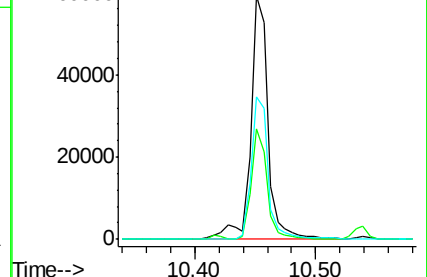
108 58.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 24.180 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion: 77 Resp: 277111

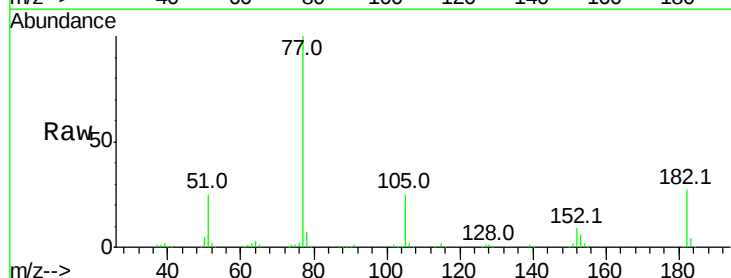
Ion Ratio Lower Upper

77 100

182 26.8 1.7 41.7

105 25.3 3.0 43.0

51 25.0 9.9 49.9

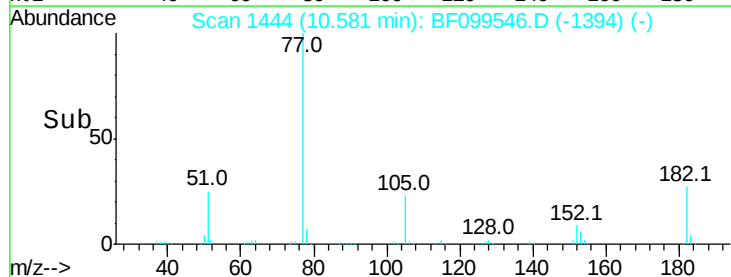
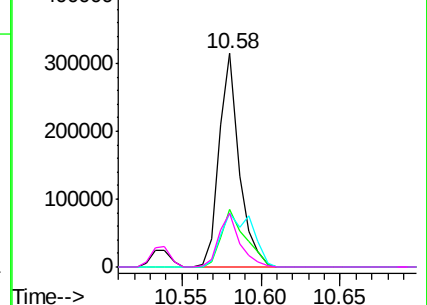


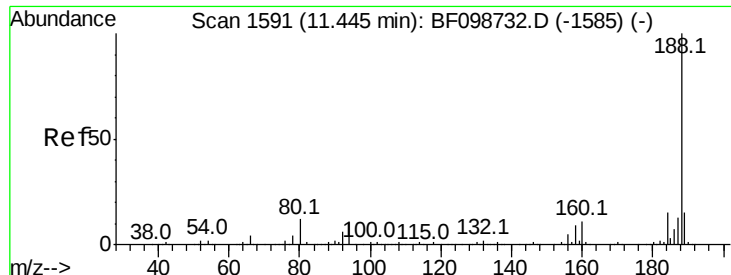
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

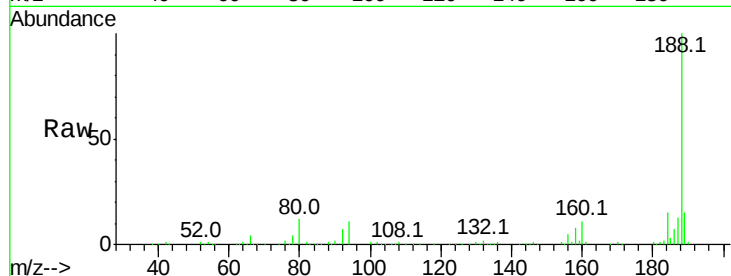




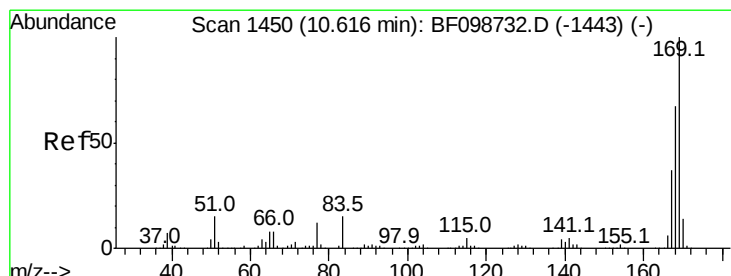
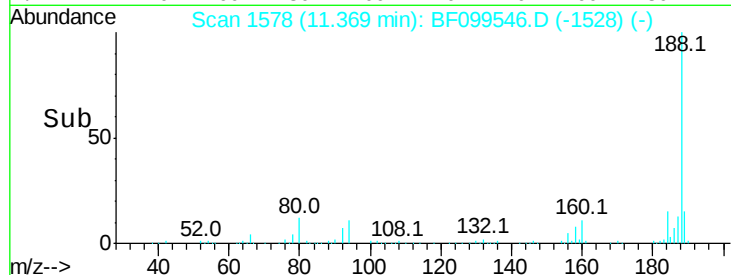
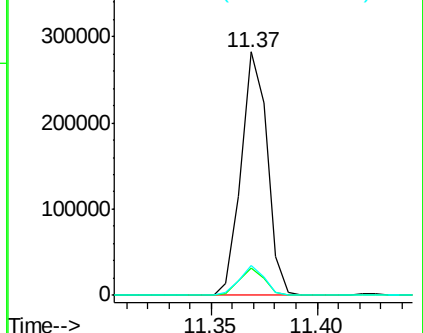
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

Tot Ion:188 Resp: 241717
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8



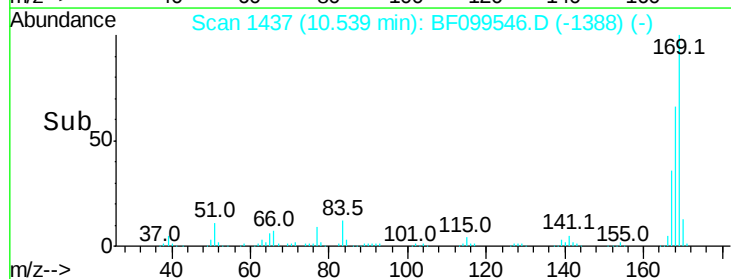
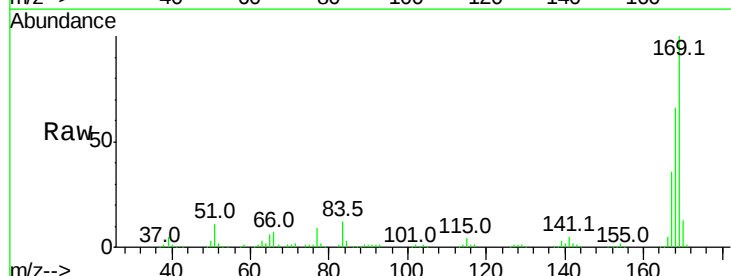
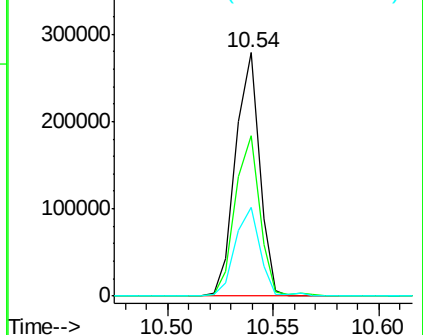
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

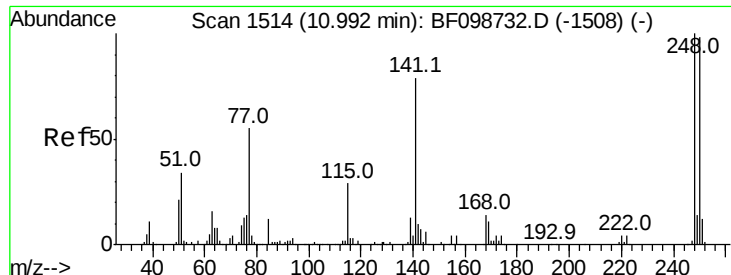


#65
n-Nitrosodiphenylamine
Concen: 26.165 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:169 Resp: 219097
Ion Ratio Lower Upper
169 100
168 65.9 54.4 81.6
167 36.2 29.8 44.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

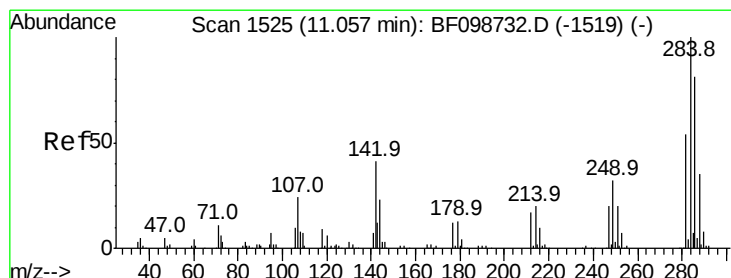
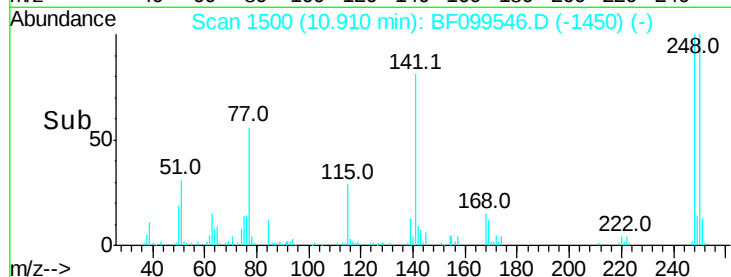
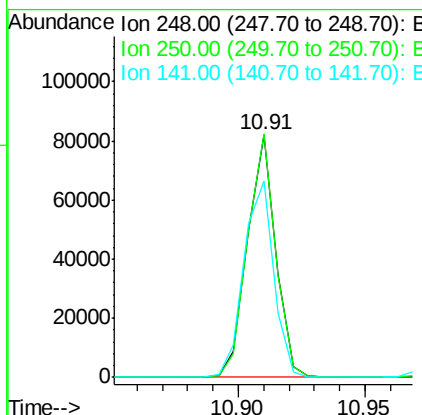
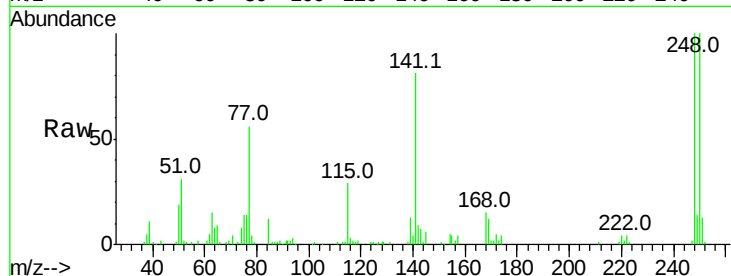




#66
4-Bromophenyl-phenylether
Concen: 26.901 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

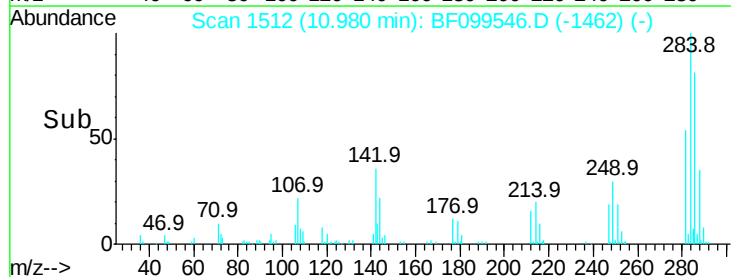
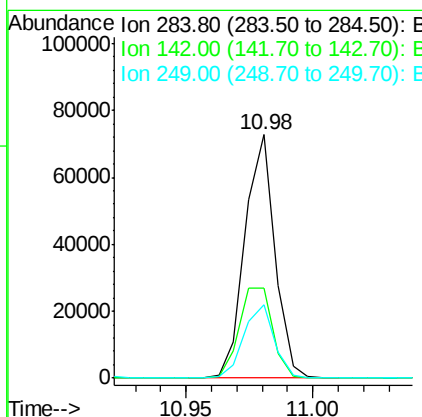
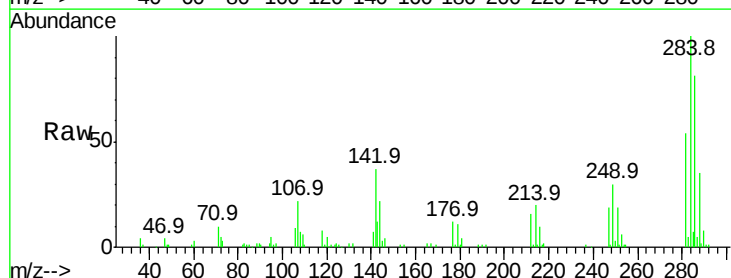
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

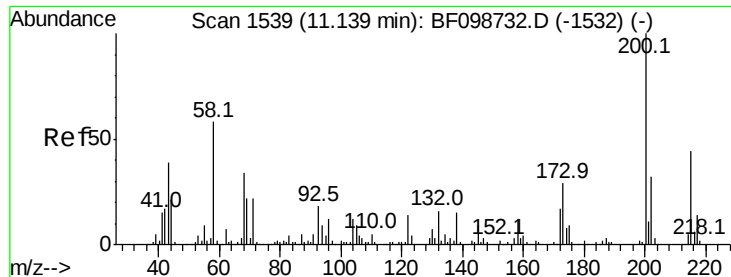
Tot Ion:248 Resp: 63648
Ion Ratio Lower Upper
248 100
250 100.3 76.9 115.3
141 81.0 74.4 111.6



#67
Hexachlorobenzene
Concen: 23.667 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:284 Resp: 59807
Ion Ratio Lower Upper
284 100
142 36.9 34.6 52.0
249 30.3 24.8 37.2

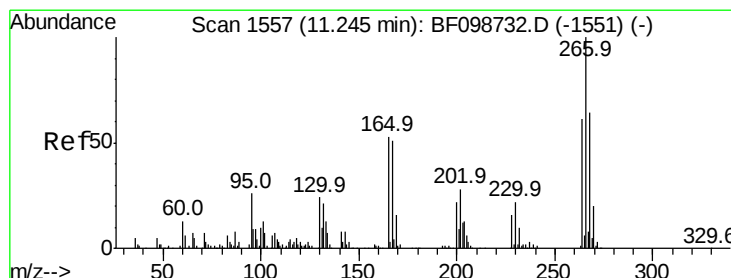
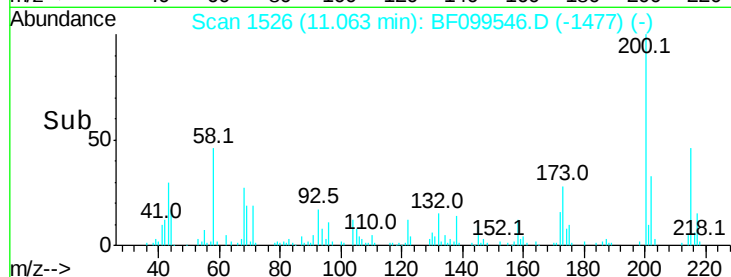
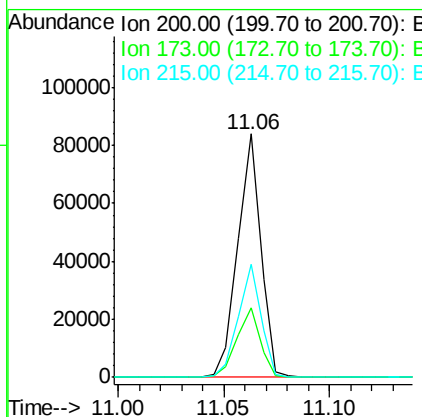
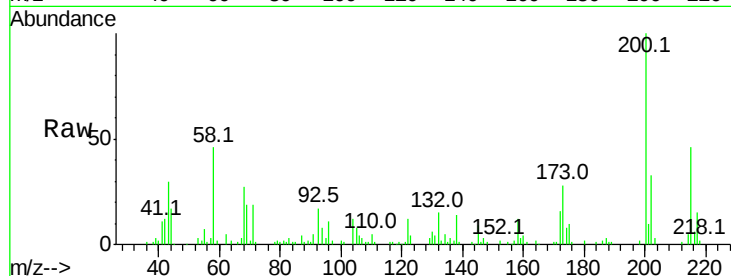




#68
Atrazine
Concen: 25.171 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

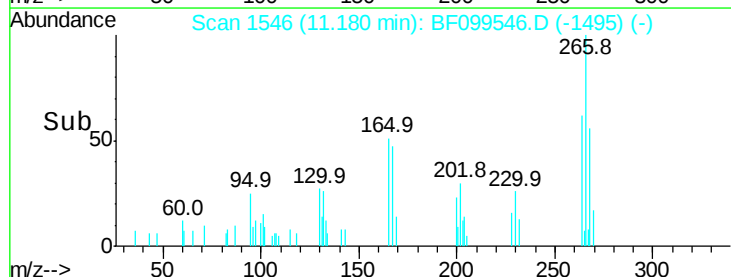
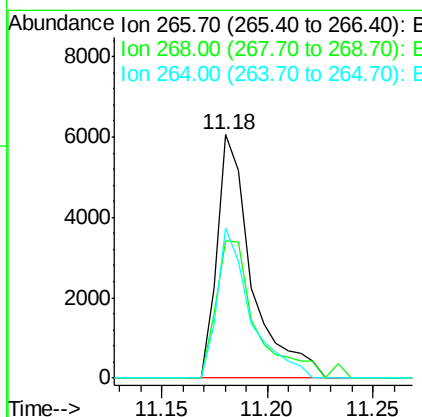
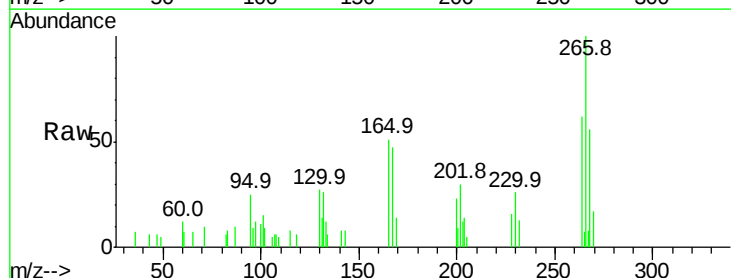
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

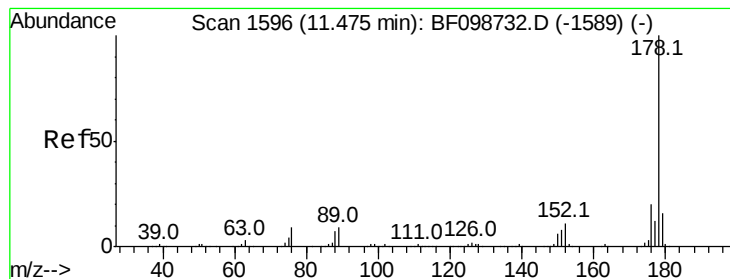
Tot Ion:200 Resp: 63415
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 46.5 25.1 65.1



#69
Pentachlorophenol
Concen: 4.412 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:266 Resp: 6938
Ion Ratio Lower Upper
266 100
268 56.3 51.1 76.7
264 61.6 49.5 74.3





#70

Phenanthrene

Concen: 25.050 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

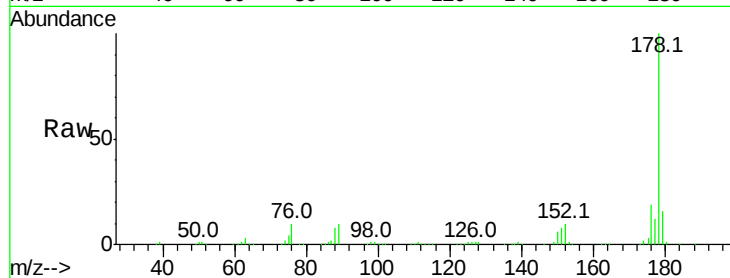
Tot Ion:178 Resp: 324110

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

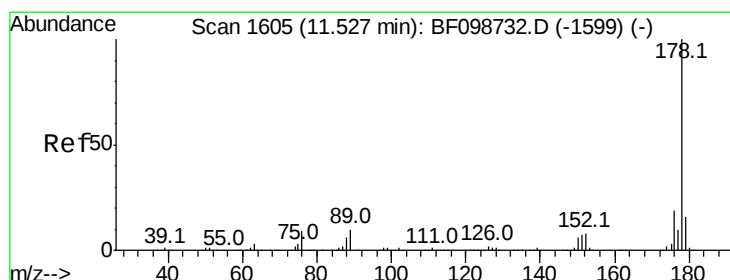
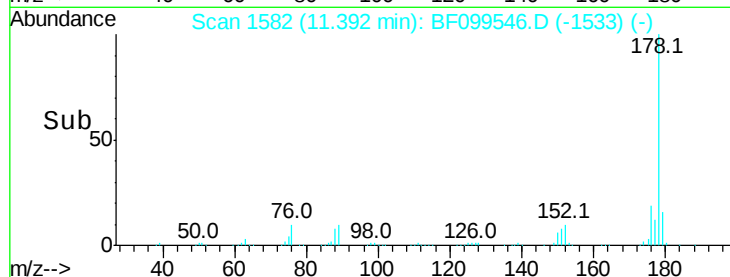
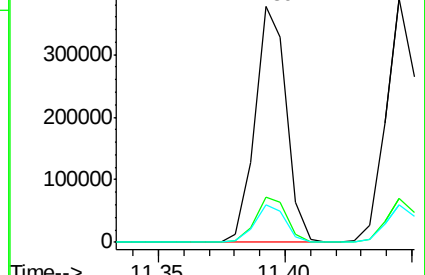
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 25.022 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

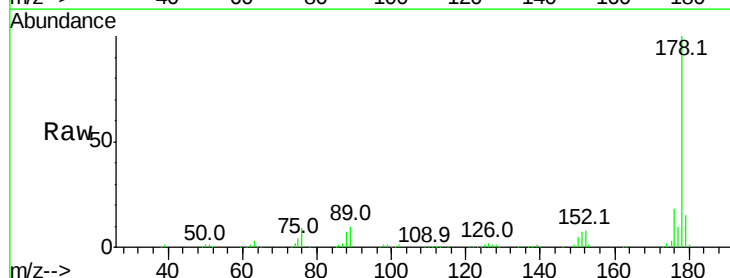
Tgt Ion:178 Resp: 331252

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

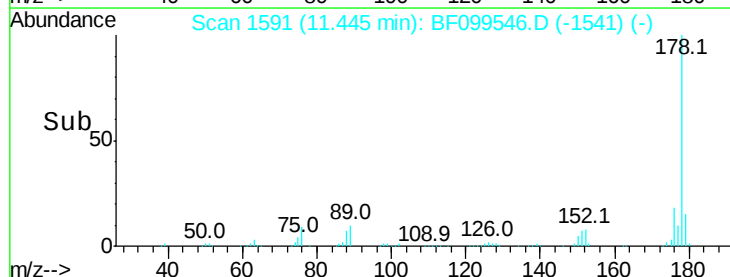
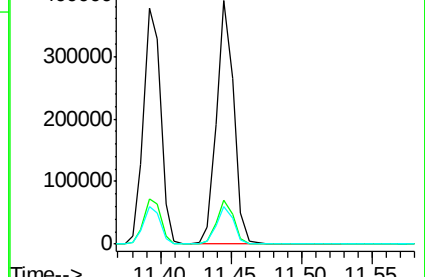
179 15.4 12.6 19.0

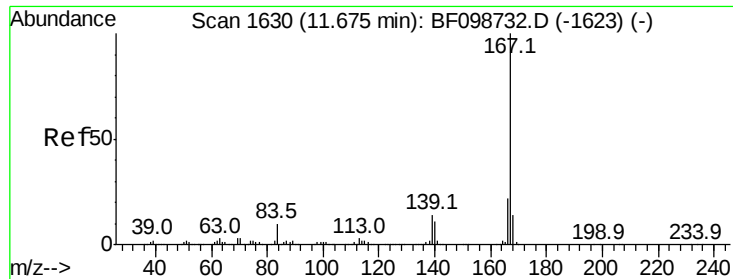


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 22.617 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

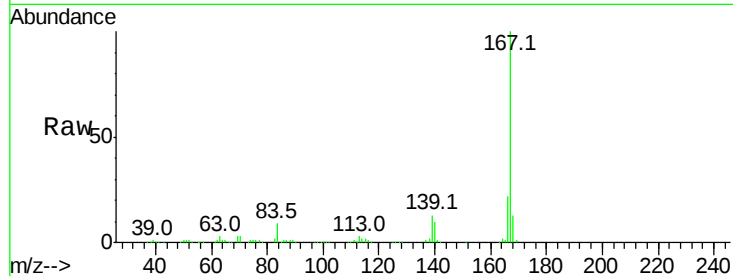
Tot Ion:167 Resp: 293214

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

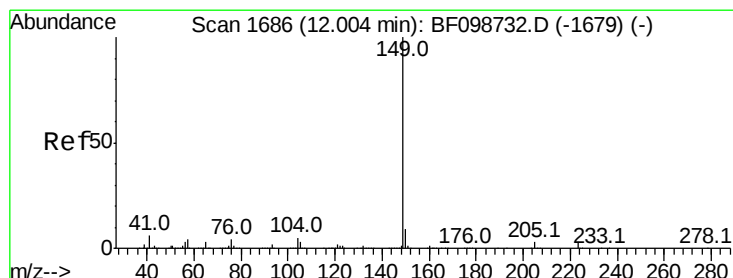
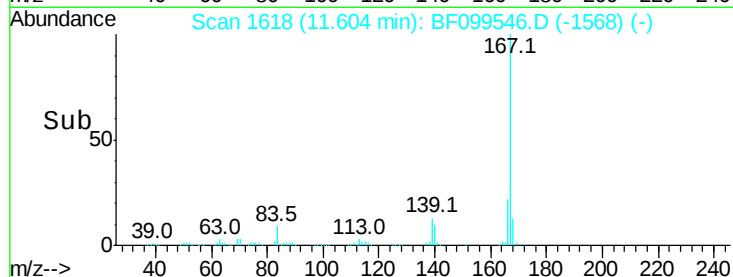
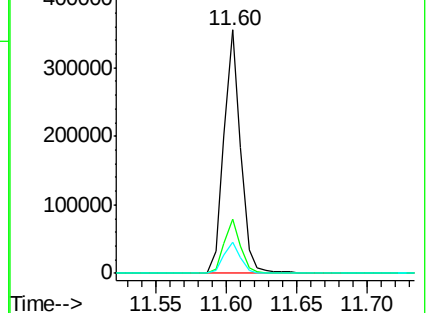
139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 24.488 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

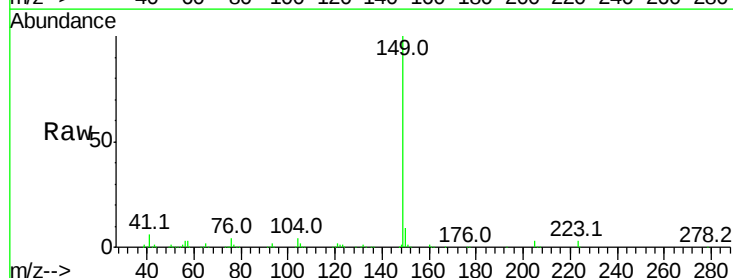
Tgt Ion:149 Resp: 382116

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

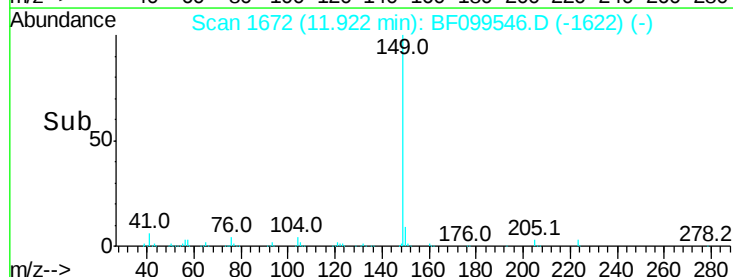
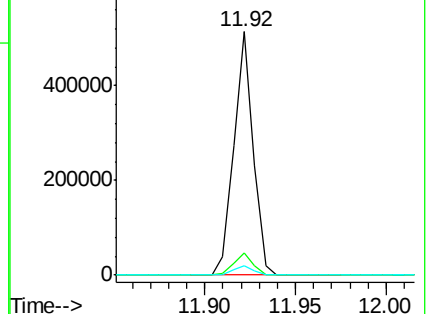
104 4.0 3.8 5.8

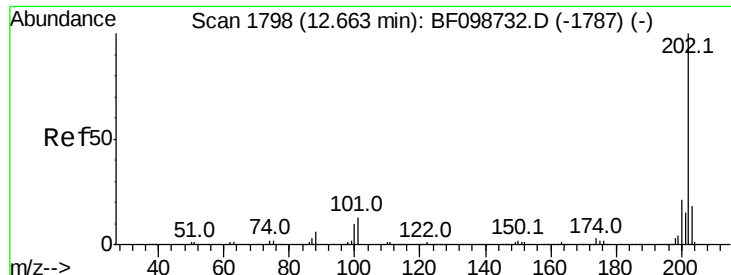


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

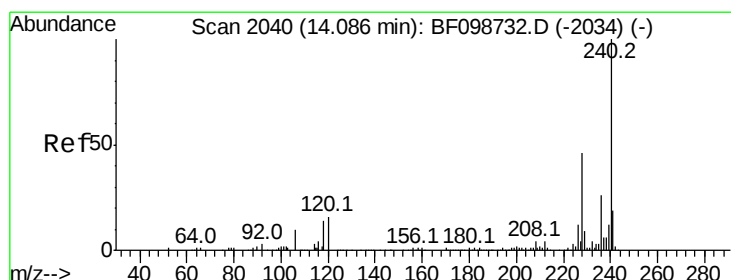
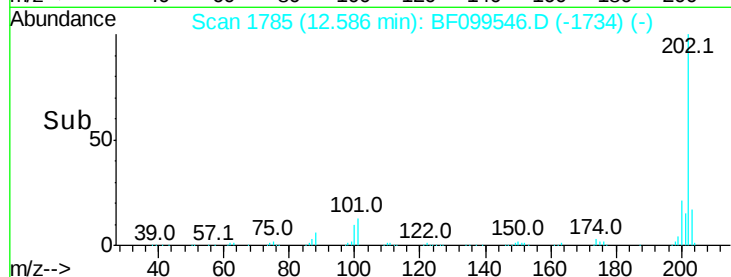
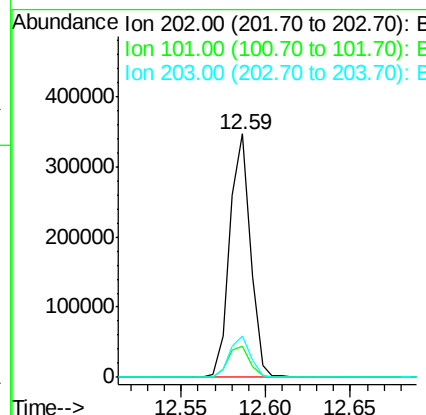
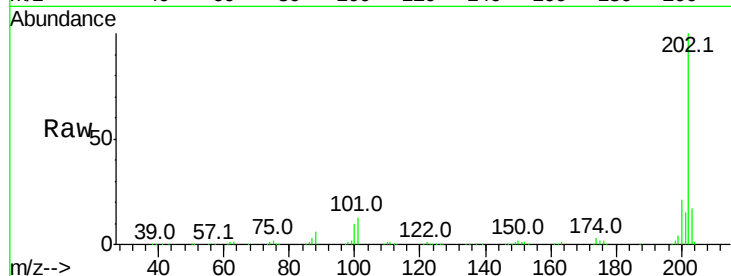




#74
 Fluoranthene
 Concen: 22.551 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

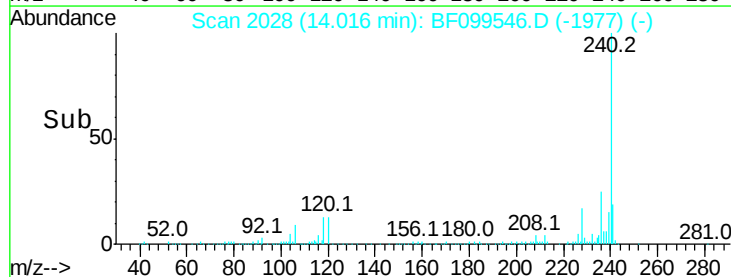
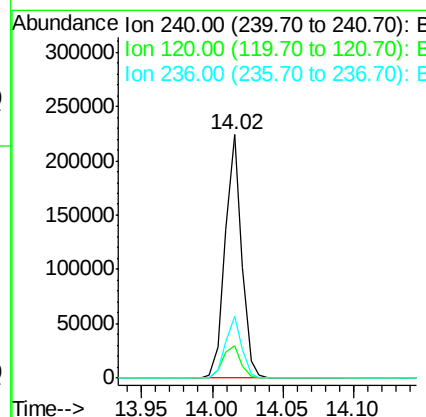
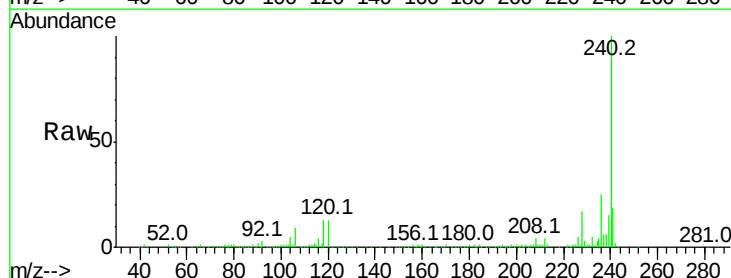
Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

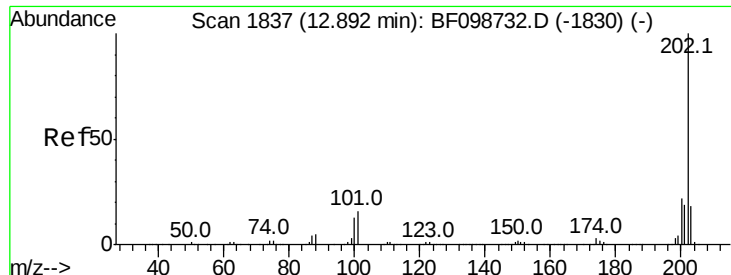
Tot Ion:202 Resp: 295454
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 34.1
 203 17.1 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:240 Resp: 181917
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.5 20.7 31.1





#77

Pvrene

Concen: 21.887 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

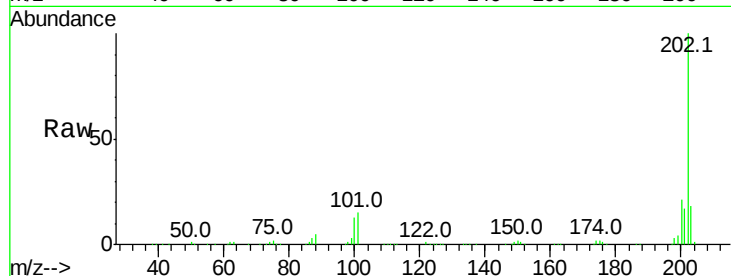
Tot Ion:202 Resp: 303613

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

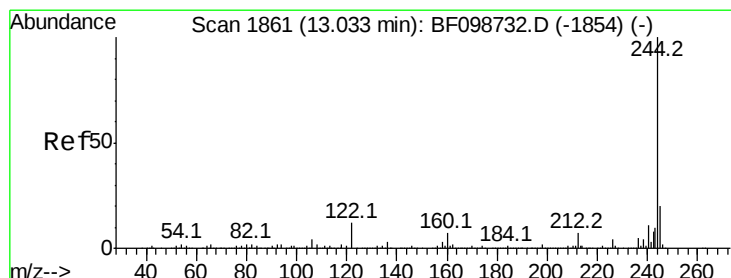
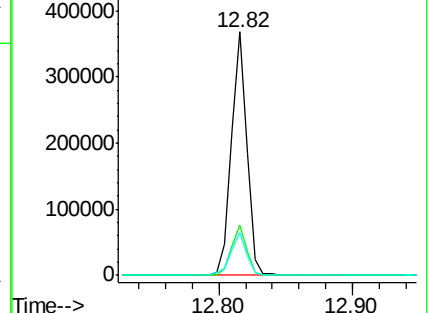
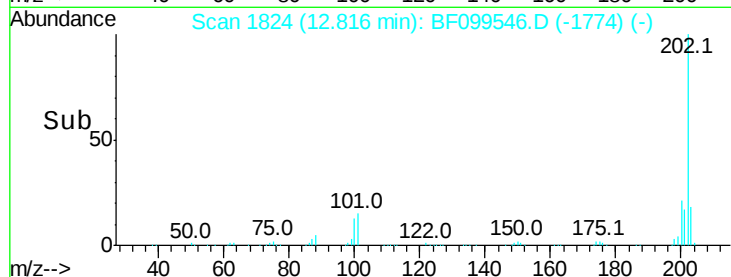
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.775 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

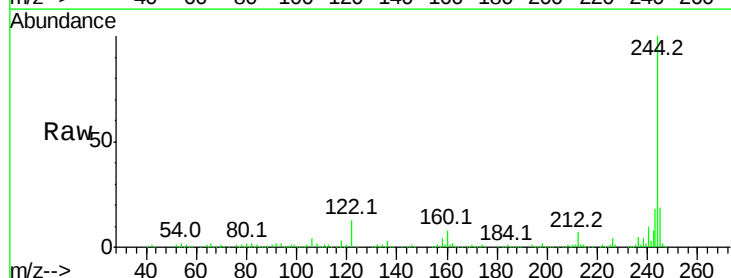
Tgt Ion:244 Resp: 398160

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

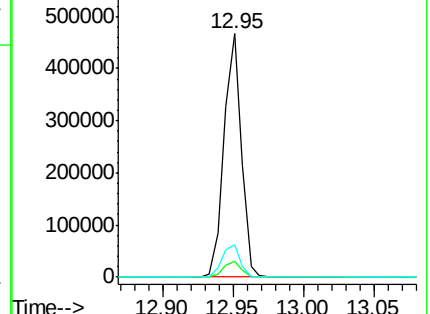
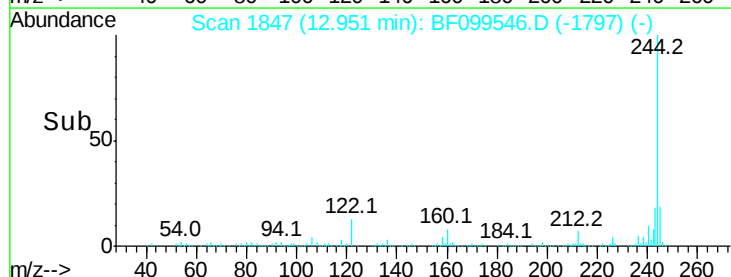
122 13.5 11.0 16.4

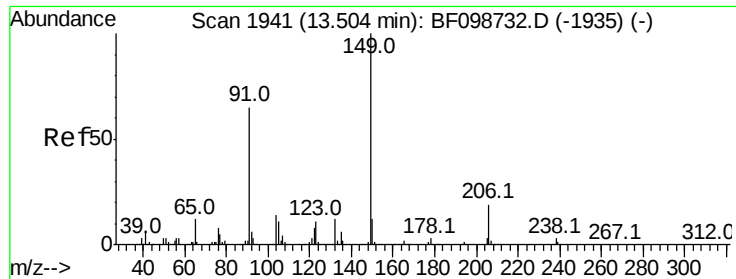


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

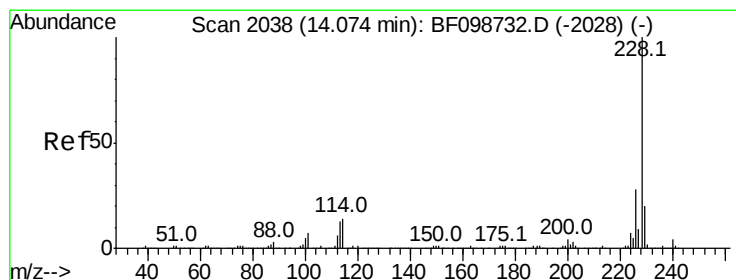
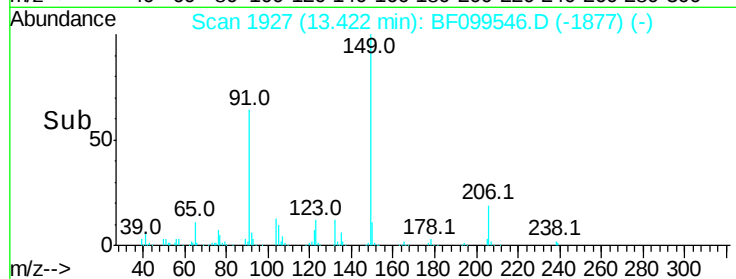
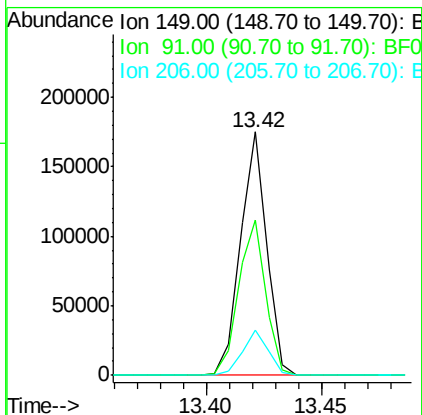
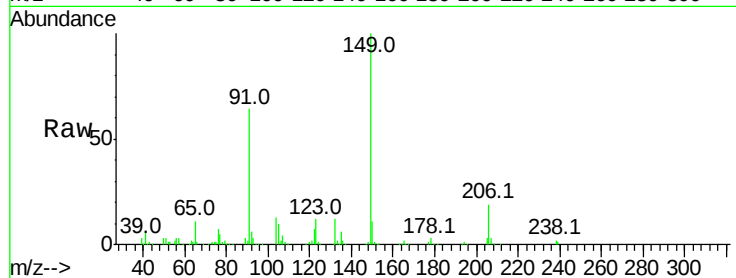




#79
 Butylbenzylphthalate
 Concen: 21.275 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

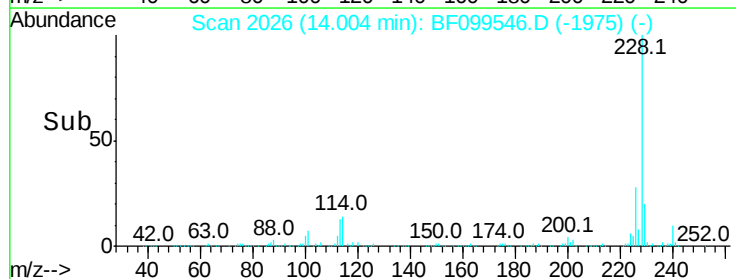
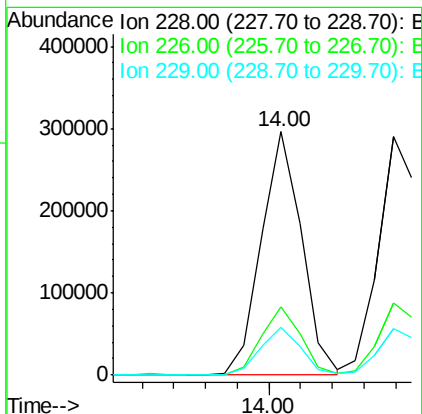
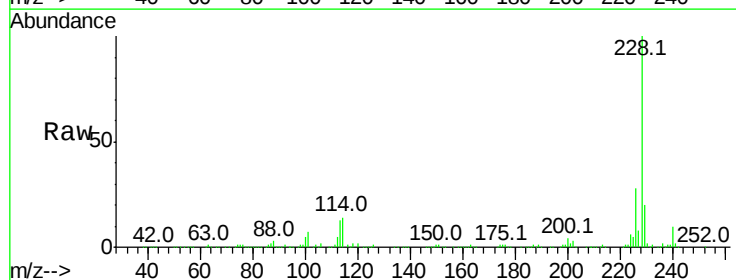
Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

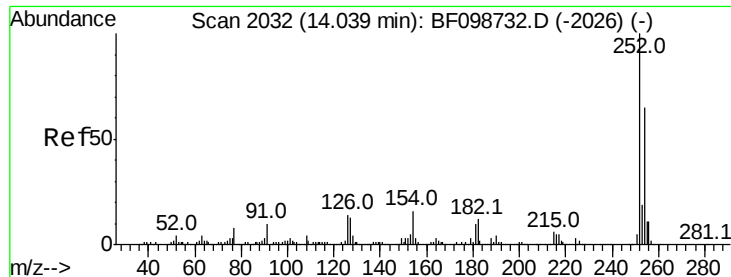
Tot Ion:	149	Resp:	138700
Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	18.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 23.801 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:	228	Resp:	262184
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.7	15.8	23.6

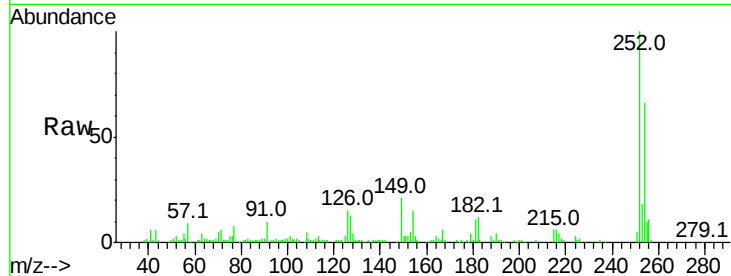




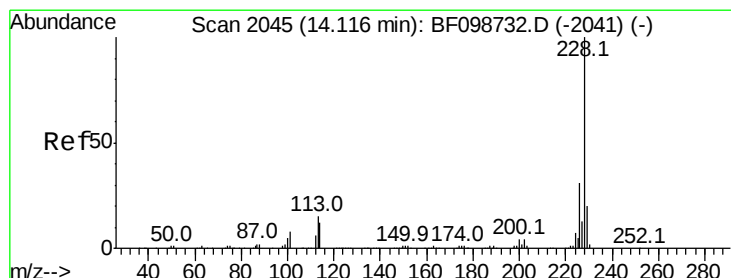
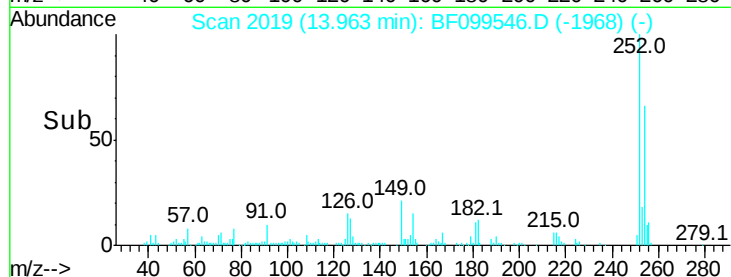
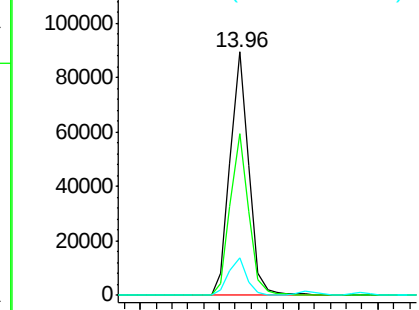
#81
 3,3'-Dichlorobenzidine
 Concen: 18.169 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.4	75.6
126	15.2	11.3	16.9

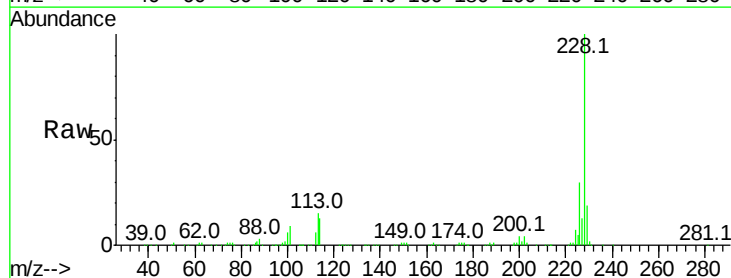


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

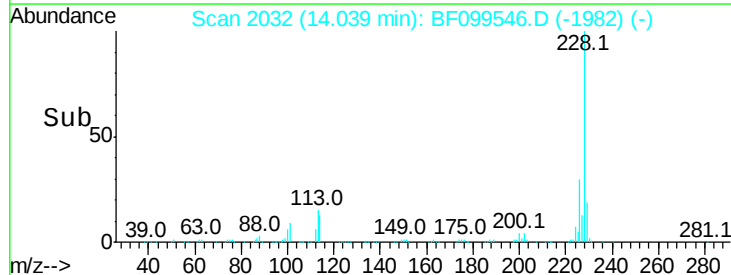
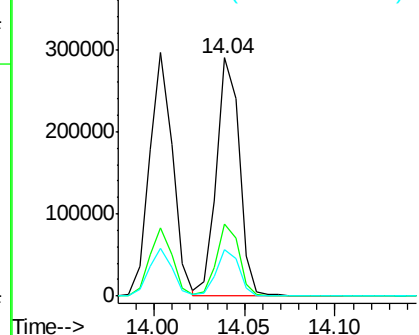


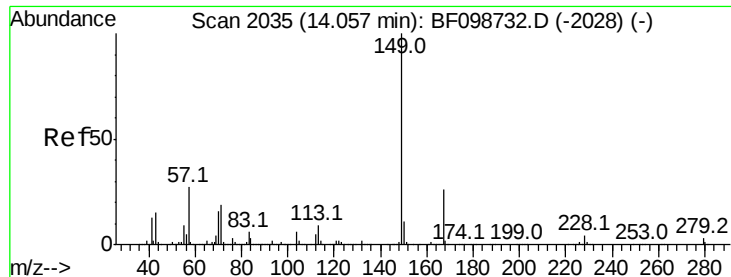
#82
 Chrysene
 Concen: 24.236 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.4	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

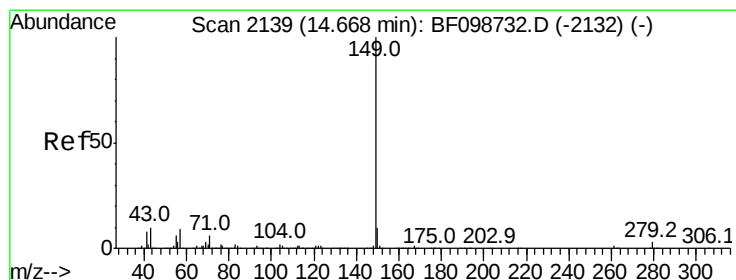
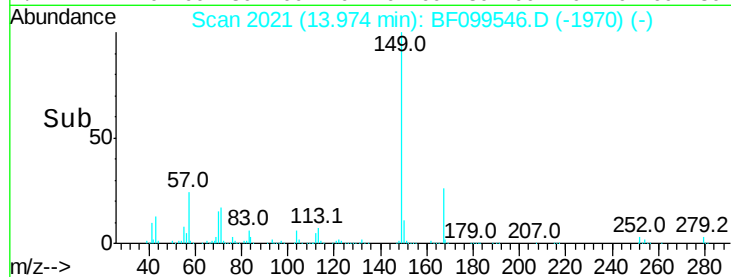
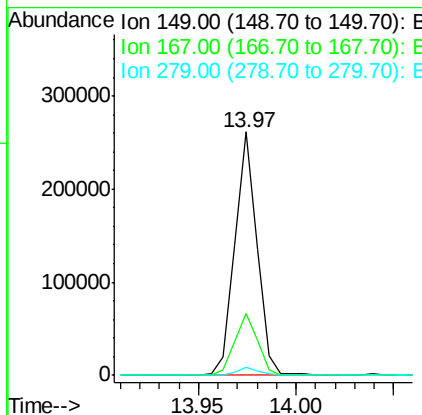
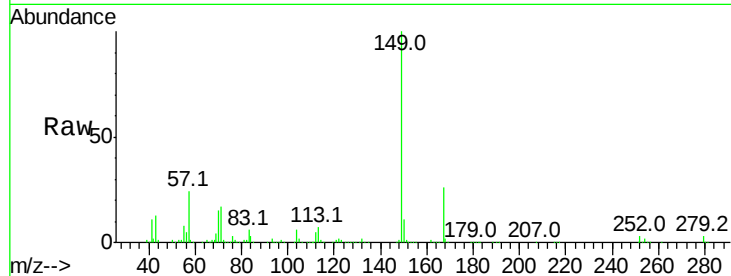




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.911 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

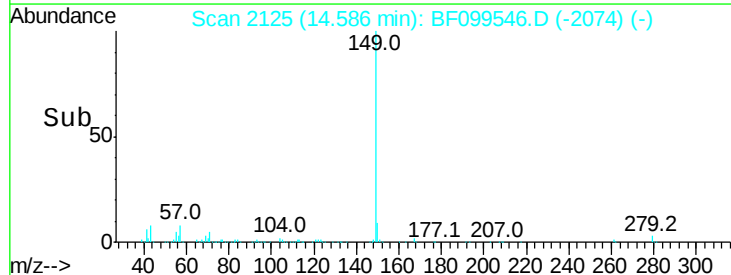
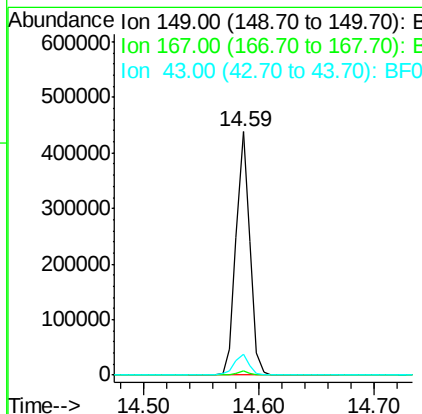
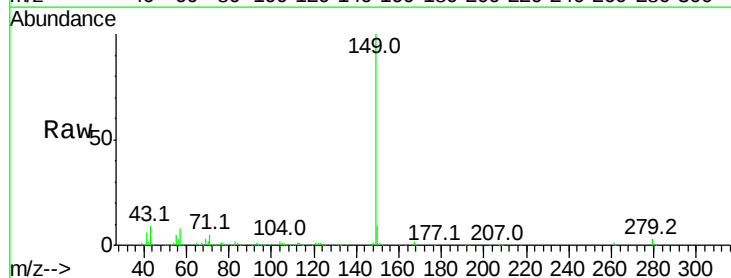
Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

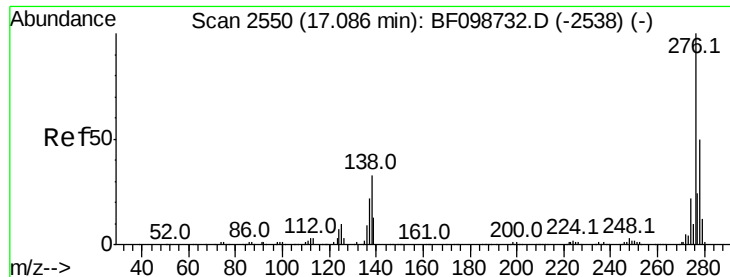
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 25.198 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	8.4	12.6#

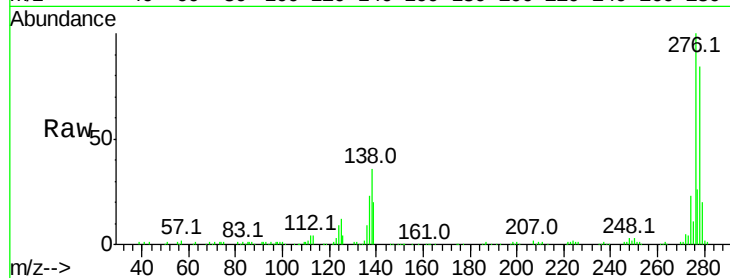




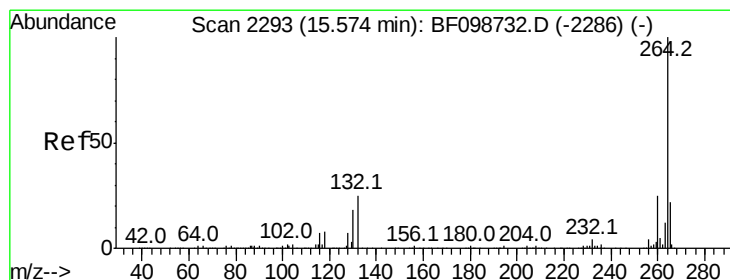
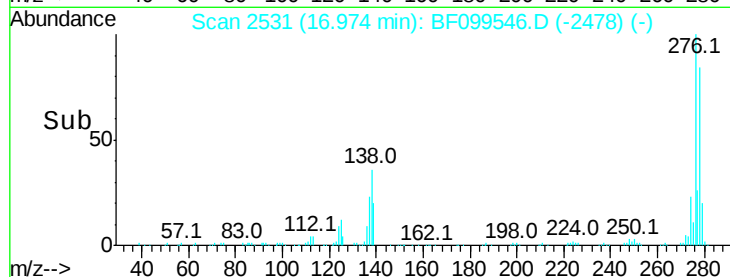
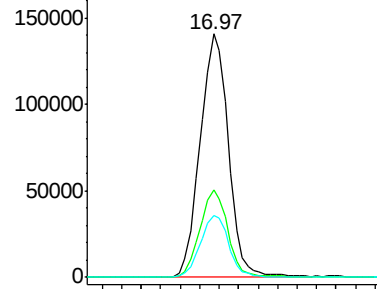
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.843 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.0	37.6
277	25.5	20.1	30.1

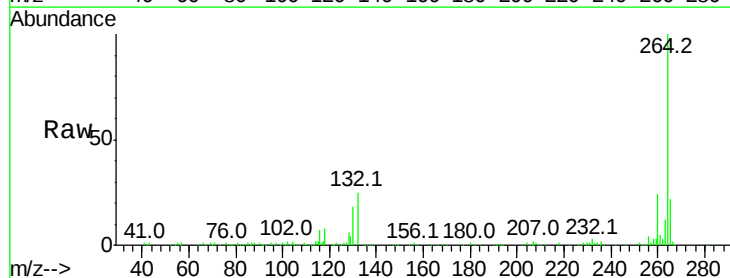


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

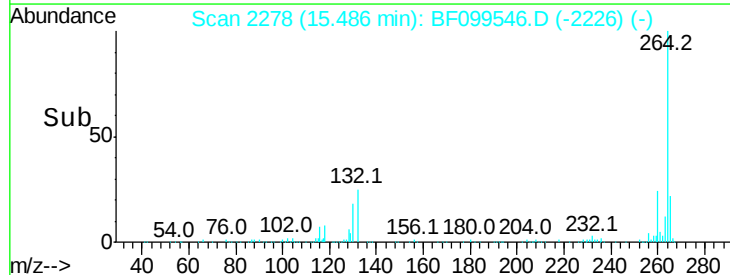
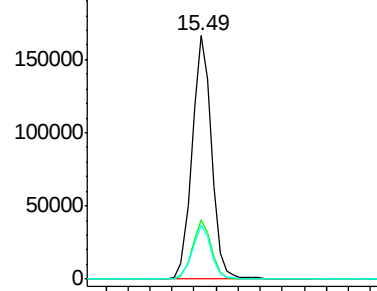


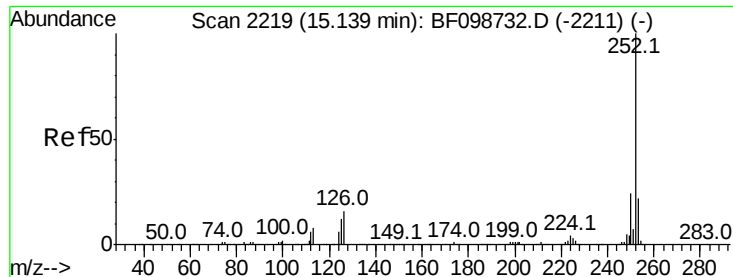
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

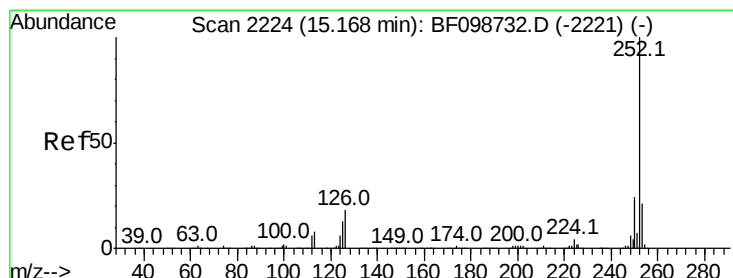
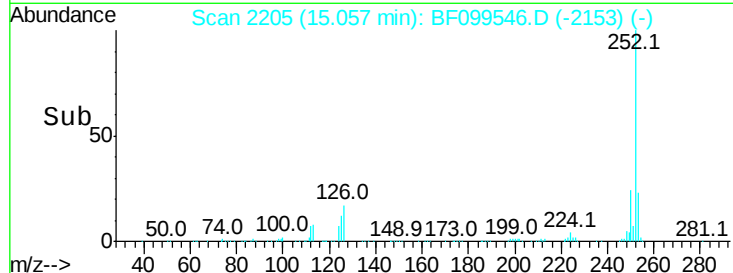
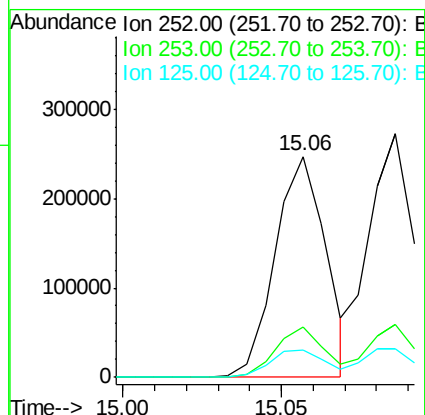
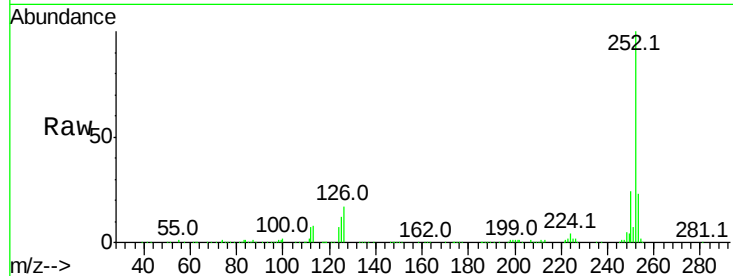




#87
Benzo(b)fluoranthene
Concen: 21.920 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

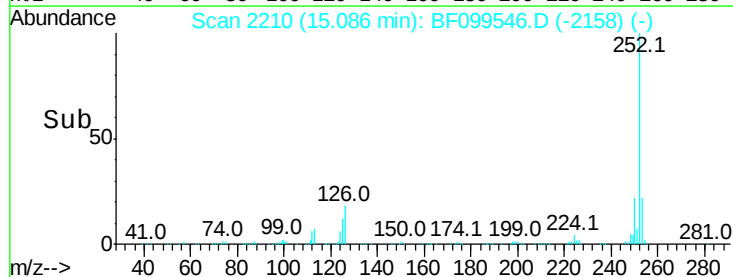
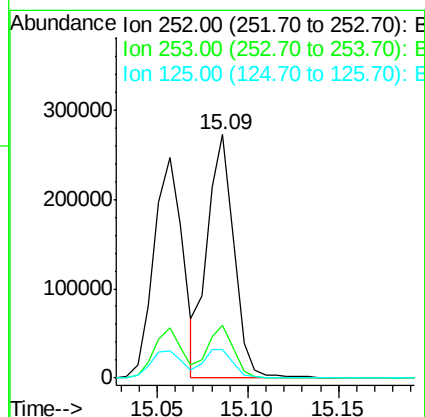
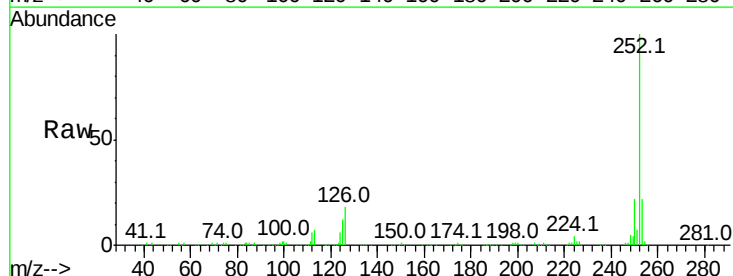
Instrument :
BNA_F
ClientSampleId :
S1(1-3)MS

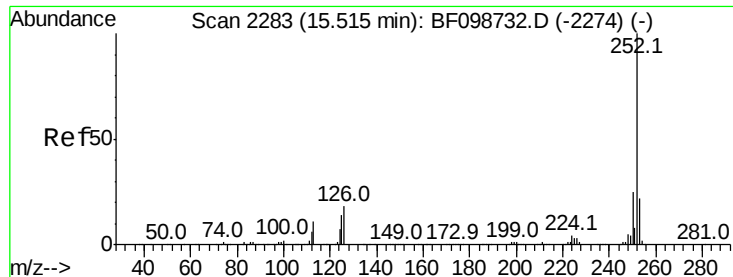
Tot Ion:252 Resp: 275461
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 22.208 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:252 Resp: 275650
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 23.896 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

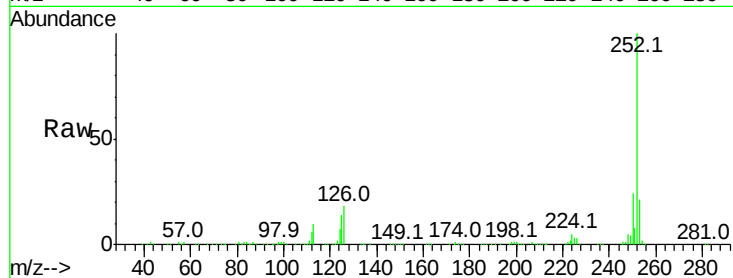
Tot Ion:252 Resp: 275640

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

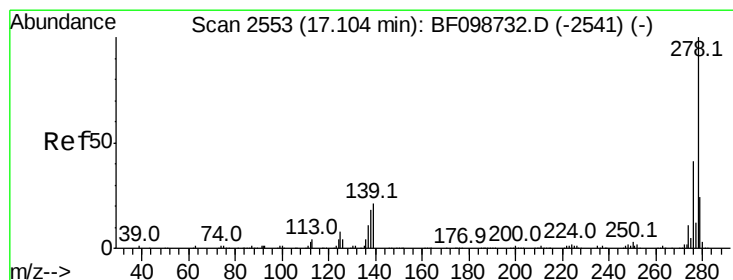
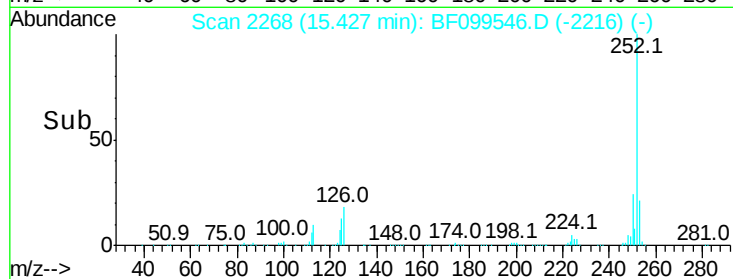
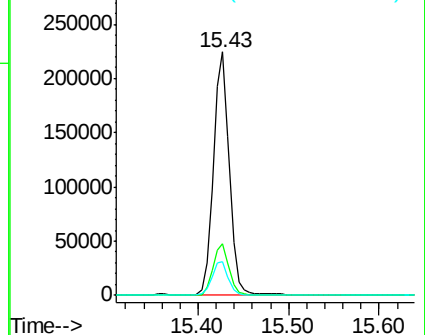
125 13.6 9.8 14.6



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: 26.315 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

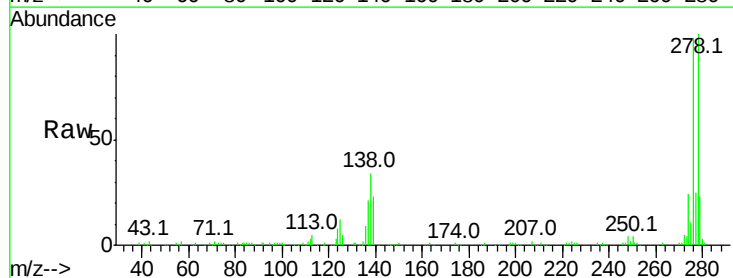
Tgt Ion:278 Resp: 242928

Ion Ratio Lower Upper

278 100

139 22.8 15.9 23.9

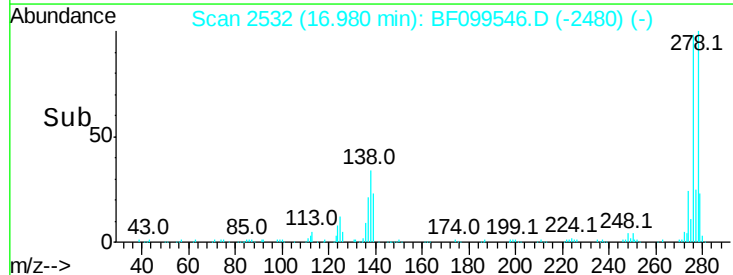
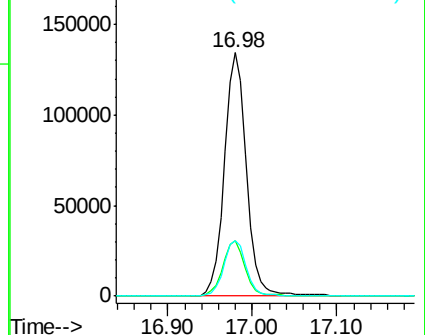
279 22.6 19.0 28.4

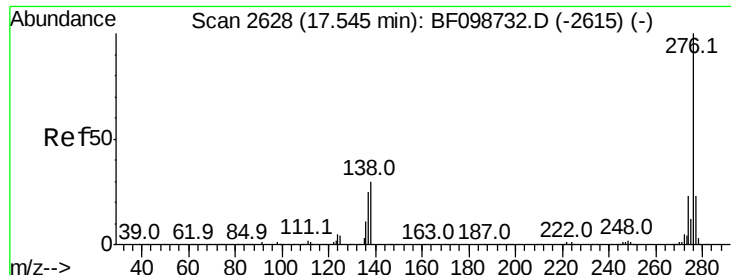


Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.960 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

S1(1-3)MS

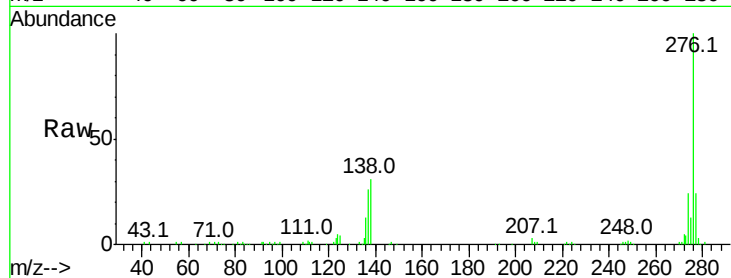
Tot Ion:276 Resp: 227768

Ion Ratio Lower Upper

276 100

277 23.6 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

