

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105170.D
 Acq On : 9 May 2018 2:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:39:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217829	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	848436	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	416300	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	809338	20.00	ng	0.00
75) Chrysene-d12	14.02	240	630384	20.00	ng	0.00
86) Perylene-d12	15.56	264	584279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	936045	70.79	ng	0.00
7) Phenol-d6	6.42	99	1144778	72.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	1004037	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	361370	78.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1821505	67.91	ng	0.00
78) Terphenyl-d14	12.91	244	1840382	67.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	235299	33.66	ng	89
3) Pyridine	3.24	79	646349	34.47	ng	86
4) n-Nitrosodimethylamine	3.20	42	325865	34.29	ng	89
6) Aniline	6.46	93	792274	34.46	ng	96
8) 2-Chlorophenol	6.57	128	511617	36.48	ng	94
9) Benzaldehyde	6.35	77	411334	34.09	ng	100
10) Phenol	6.43	94	626249	35.74	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	493440	34.17	ng	93
12) 1,3-Dichlorobenzene	6.73	146	583590	34.52	ng	98
13) 1,4-Dichlorobenzene	6.81	146	585580	34.64	ng	99
14) 1,2-Dichlorobenzene	6.96	146	536774	34.42	ng	100
15) Benzyl Alcohol	6.93	79	444998	36.93	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	884591	32.96	ng	98
17) 2-Methylphenol	7.04	107	431635	35.64	ng	97
18) Hexachloroethane	7.30	117	200341	36.83	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	361276	34.66	ng	92
20) 3+4-Methylphenols	7.20	107	513099	36.05	ng	# 86
22) Acetophenone	7.20	105	671907	33.97	ng	# 90
24) Nitrobenzene	7.38	77	540534	38.08	ng	99
25) Isophorone	7.62	82	976314	34.87	ng	99
26) 2-Nitrophenol	7.69	139	252465	45.19	ng	97
27) 2,4-Dimethylphenol	7.73	122	466035	37.46	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	607181	35.14	ng	99
29) 2,4-Dichlorophenol	7.93	162	430484	36.98	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	472874	35.23	ng	98
31) Naphthalene	8.10	128	1414624	34.63	ng	99
32) Benzoic acid	7.84	122	306721	43.65	ng	93
33) 4-Chloroaniline	8.15	127	597307	35.16	ng	97
34) Hexachlorobutadiene	8.22	225	274843	35.34	ng	99
35) Caprolactam	8.52	113	134404	38.02	ng	# 81
36) 4-Chloro-3-methylphenol	8.62	107	437360	36.09	ng	95
37) 2-Methylnaphthalene	8.79	142	990568	34.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	466054	35.18	ng	98
40) Hexachlorocyclopentadiene	8.94	237	297363	41.51	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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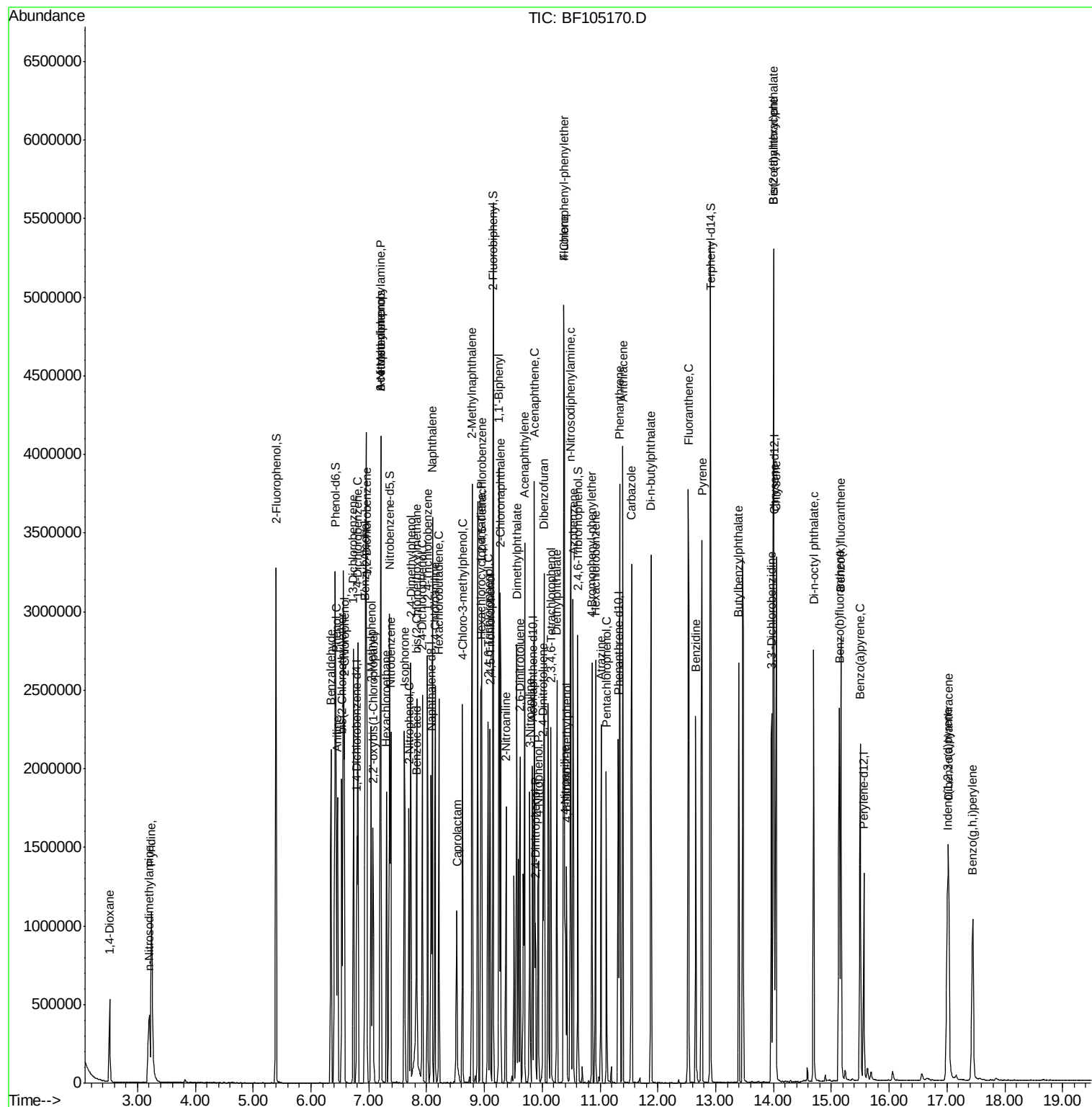
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	301053	37.25	nq	94
43) 2,4,5-Trichlorophenol	9.10	196	323743	38.33	nq	92
45) 1,1'-Biphenyl	9.25	154	1179194	34.77	nq	99
46) 2-Chloronaphthalene	9.27	162	890370	35.12	nq	99
47) 2-Nitroaniline	9.37	65	294202	41.22	nq	95
48) Acenaphthylene	9.69	152	1383323	35.33	nq	98
49) Dimethylphthalate	9.56	163	1017857	36.12	nq	98
50) 2,6-Dinitrotoluene	9.62	165	243763	39.86	nq	96
51) Acenaphthene	9.86	154	909885	36.06	nq	99
52) 3-Nitroaniline	9.79	138	258811	40.18	nq	98
53) 2,4-Dinitrophenol	9.89	184	113621	53.59	nq	# 18
54) Dibenzofuran	10.03	168	1282606	34.75	nq	99
55) 4-Nitrophenol	9.93	139	212517	38.99	nq	97
56) 2,4-Dinitrotoluene	10.02	165	320772	40.10	nq	96
57) Fluorene	10.38	166	919850	33.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	287159	38.09	nq	# 88
59) Diethylphthalate	10.26	149	1028518	37.13	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	449939	35.71	nq	90
61) 4-Nitroaniline	10.40	138	257678	40.20	nq	99
62) Azobenzene	10.53	77	1006622	34.84	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	155732	50.06	nq	89
65) n-Nitrosodiphenylamine	10.49	169	872101	34.57	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	308347	35.72	nq	# 87
67) Hexachlorobenzene	10.92	284	352330	35.43	nq	# 88
68) Atrazine	11.02	200	285838	36.15	nq	96
69) Pentachlorophenol	11.12	266	216608	38.63	nq	99
70) Phenanthrene	11.34	178	1443808	33.84	nq	99
71) Anthracene	11.39	178	1499814	34.59	nq	100
72) Carbazole	11.54	167	1360611	34.83	nq	99
73) Di-n-butylphthalate	11.88	149	1548412	37.06	nq	99
74) Fluoranthene	12.53	202	1584629	35.64	nq	98
76) Benzidine	12.66	184	820299	34.85	nq	96
77) Pyrene	12.76	202	1598010	34.85	nq	99
79) Butylbenzylphthalate	13.40	149	643889	40.17	nq	94
80) Benzo(a)anthracene	14.00	228	1311167	34.30	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	529657	36.85	nq	# 96
82) Chrysene	14.04	228	1364817	34.66	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	778813	41.08	nq	99
84) Di-n-octyl phthalate	14.69	149	1401629	39.55	nq	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	1094950	35.09	nq	94
87) Benzo(b)fluoranthene	15.14	252	1291598	36.13	nq	97
88) Benzo(k)fluoranthene	15.17	252	1251344	36.10	nq	# 97
89) Benzo(a)pyrene	15.50	252	1201154	36.95	nq	# 97
90) Dibenzo(a,h)anthracene	17.03	278	909973	36.04	nq	96
91) Benzo(g,h,i)perylene	17.45	276	888411	35.96	nq	# 93

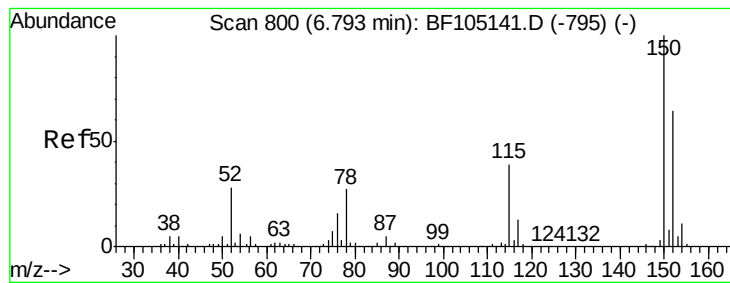
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

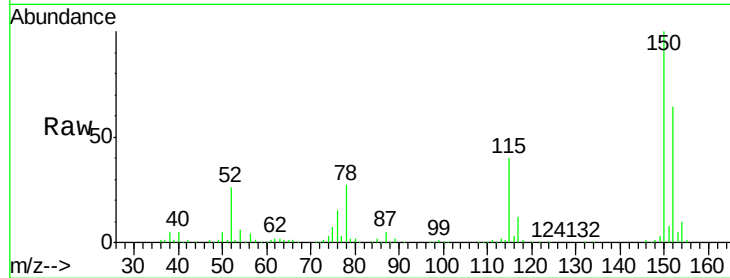
Tot Ion:152 Resp: 217829

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

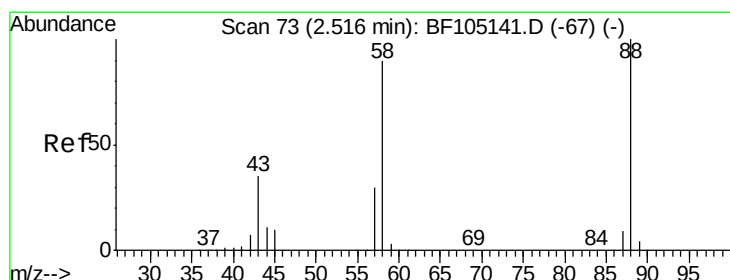
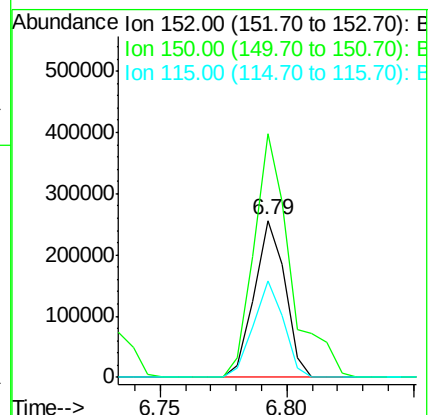
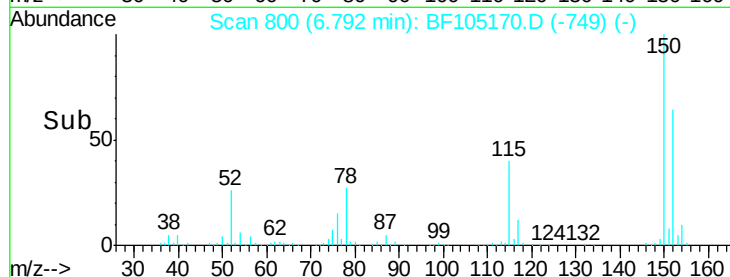
115 61.4 50.1 75.1



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: 33.66 ng

RT: 2.52 min Scan# 73

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

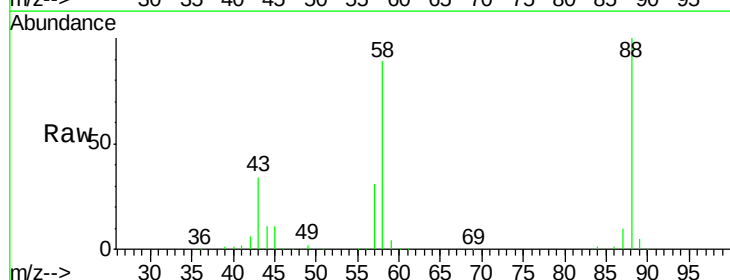
Tgt Ion: 88 Resp: 235299

Ion Ratio Lower Upper

88 100

58 89.3 62.6 93.8

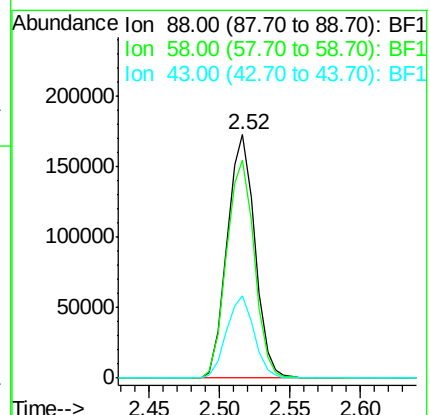
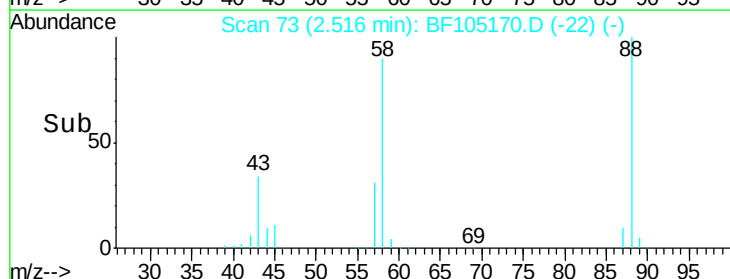
43 33.6 24.6 37.0

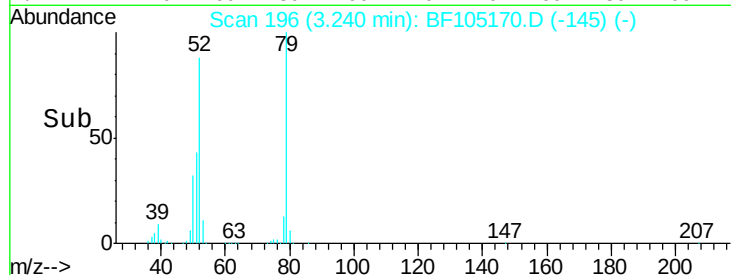
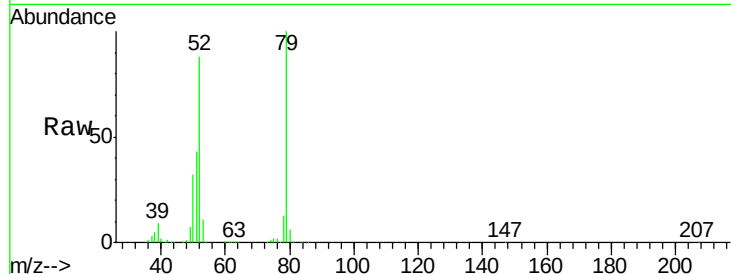
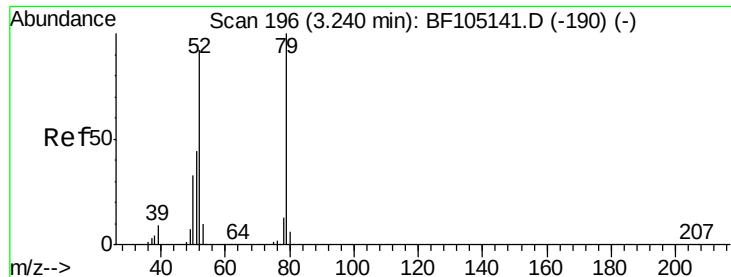


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

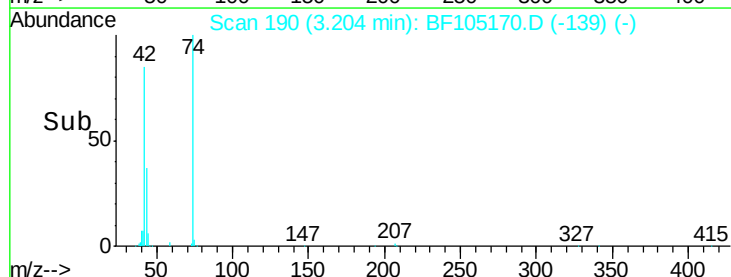
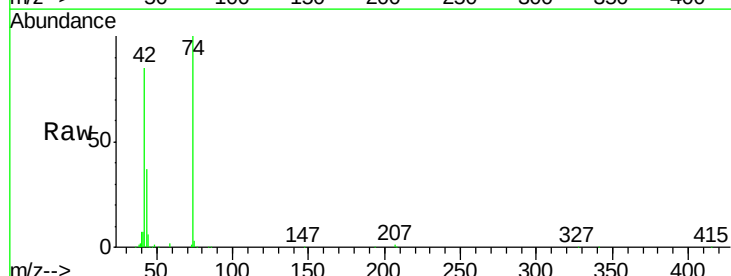
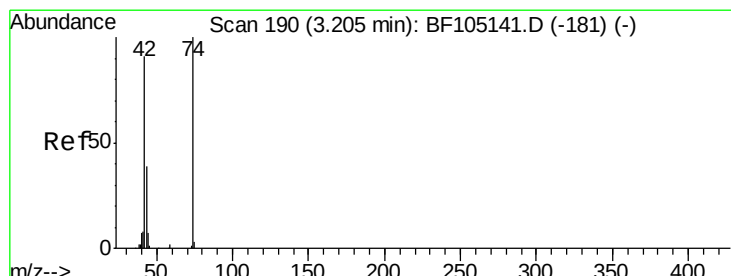
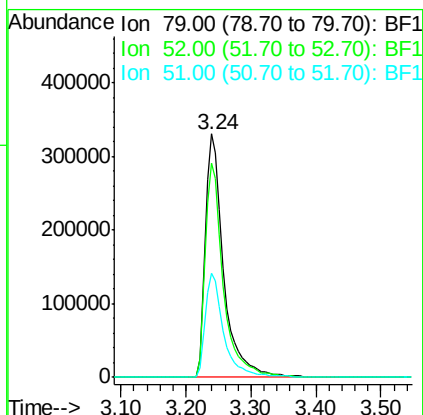




#3
 Pvridine
 Concen: 34.47 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

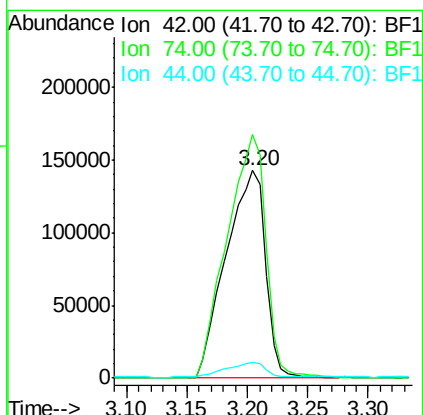
Instrument :
 BNA_F
 ClientSampleId :

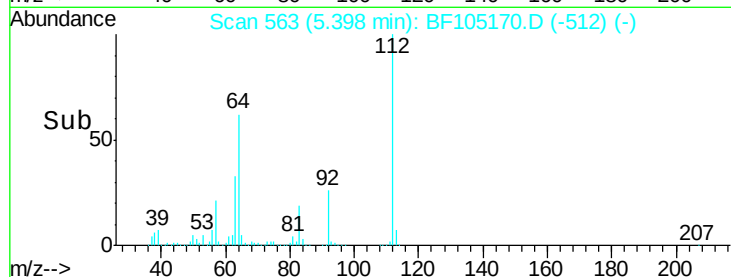
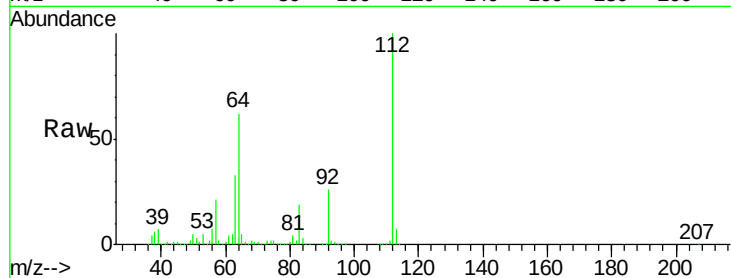
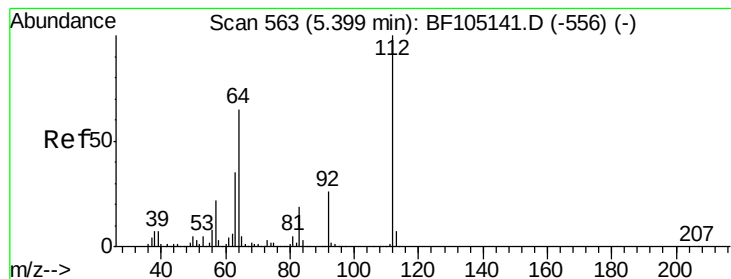
Tot Ion	Ratio	Lower	Upper
79	100		
52	88.2	59.8	89.6
51	42.9	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.29 ng
 RT: 3.20 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.4	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 70.79 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

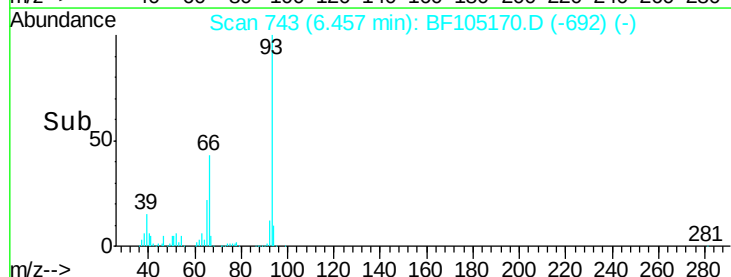
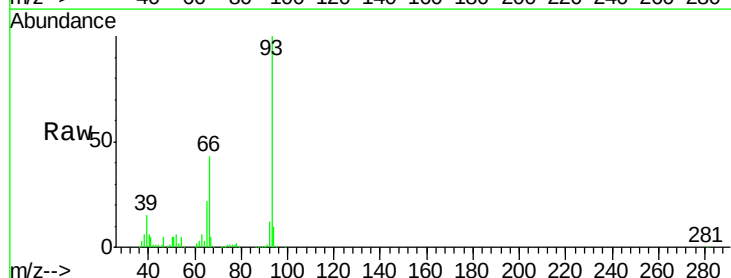
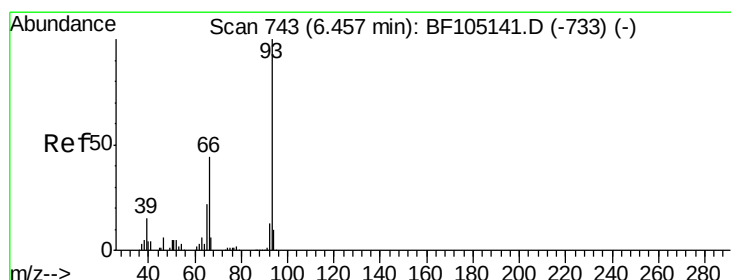
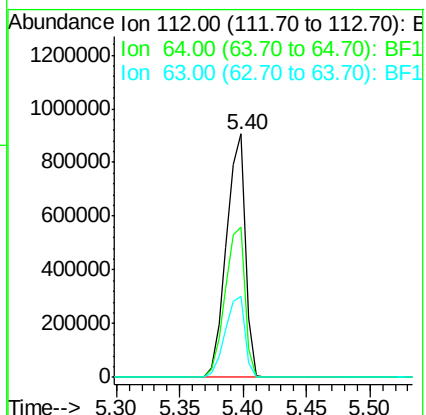
Tot Ion:112 Resp: 936045

Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

63 33.3 23.7 35.5



#6

Aniline

Concen: 34.46 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

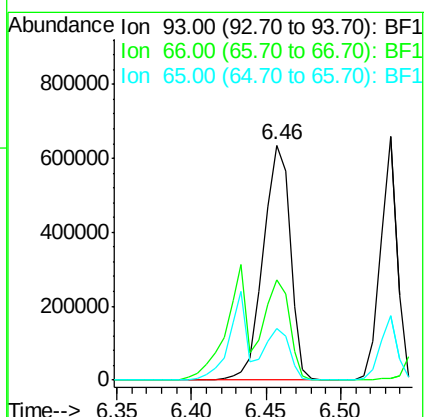
Tgt Ion: 93 Resp: 792274

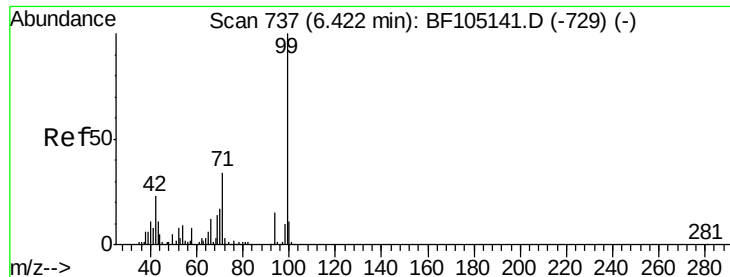
Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 72.71 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

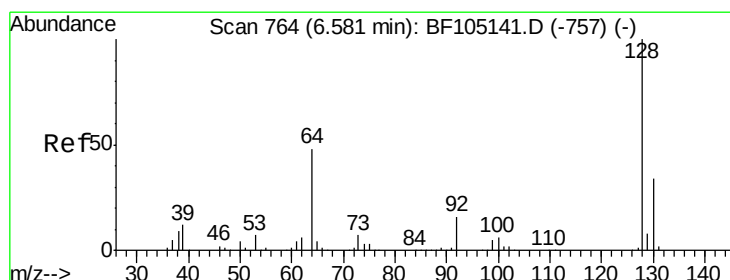
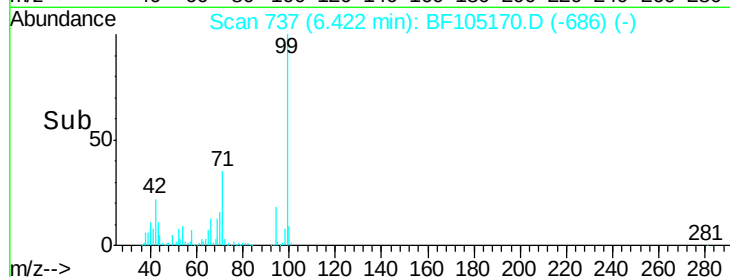
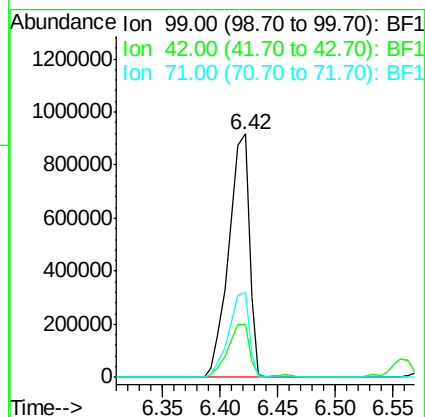
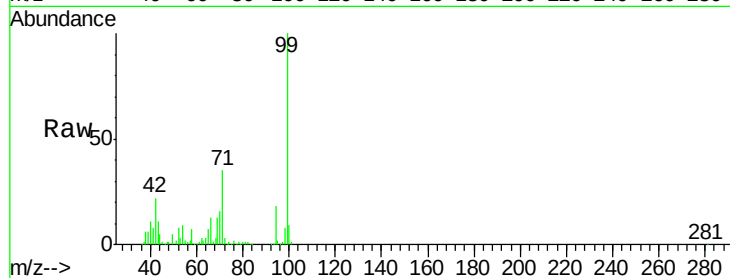
Tot Ion: 99 Resp: 1144778

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 35.0 25.4 38.0



#8

2-Chlorophenol

Concen: 36.48 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

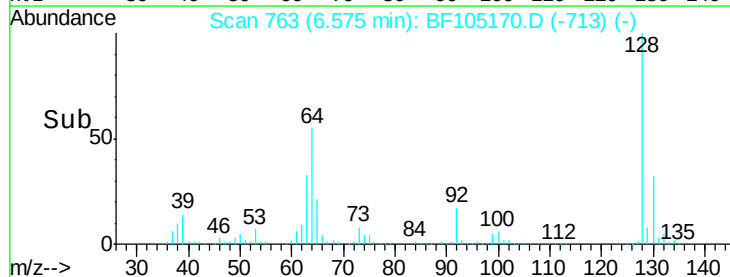
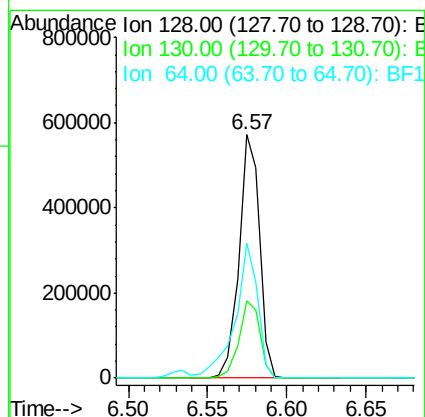
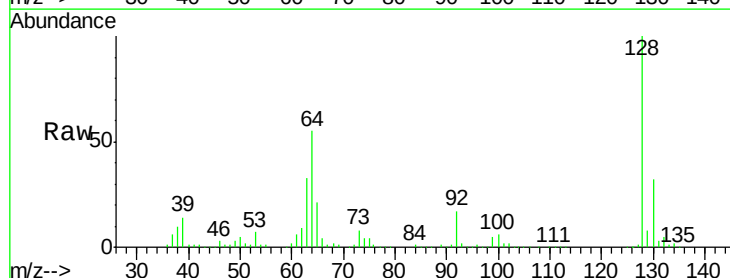
Tgt Ion: 128 Resp: 511617

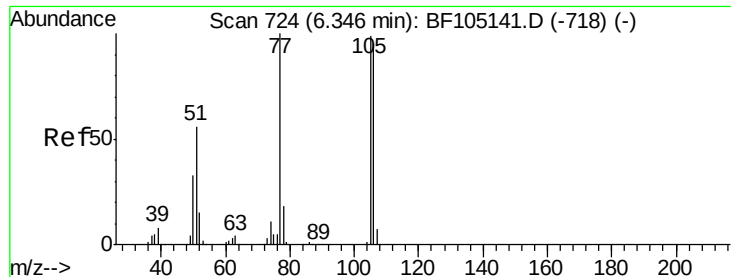
Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 55.1 29.4 69.4





#9

Benzaldehyde

Concen: 34.09 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

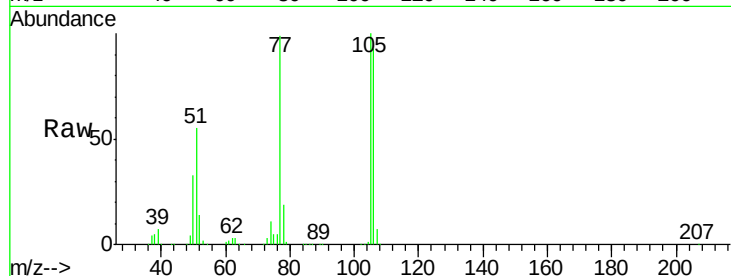
Tot Ion: 77 Resp: 411334

Ion Ratio Lower Upper

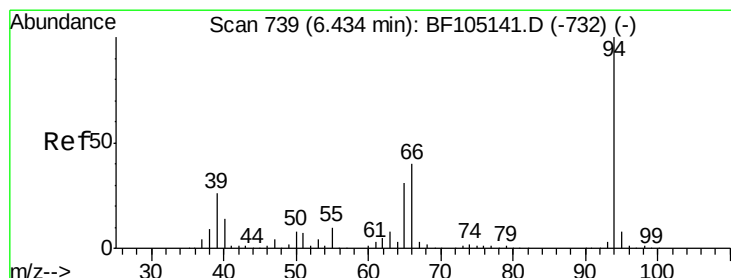
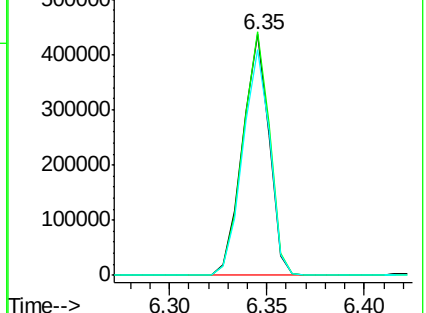
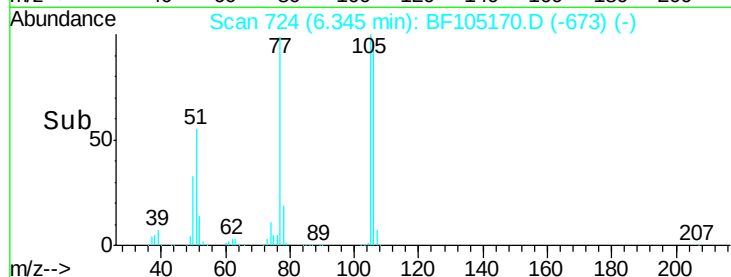
77 100

105 101.2 81.1 121.1

106 94.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.74 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

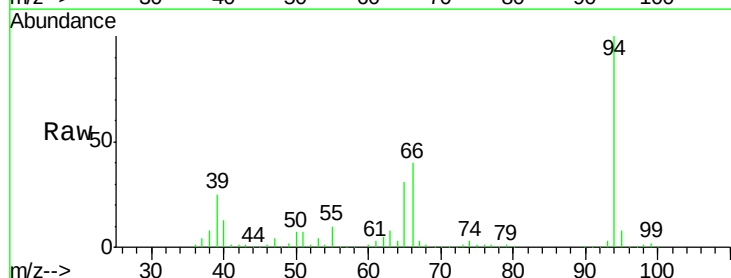
Tgt Ion: 94 Resp: 626249

Ion Ratio Lower Upper

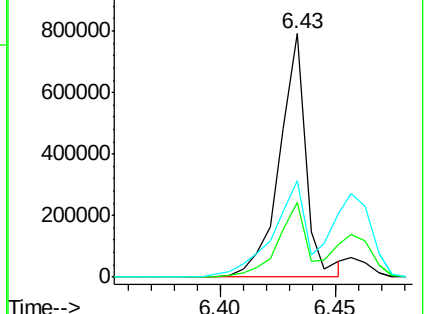
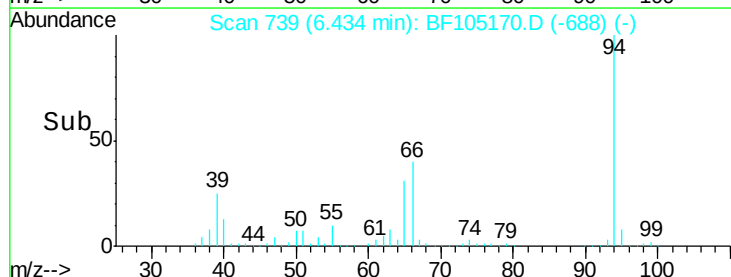
94 100

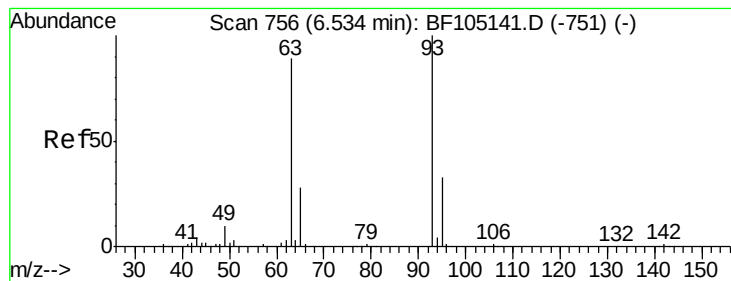
65 30.5 7.9 47.9

66 39.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

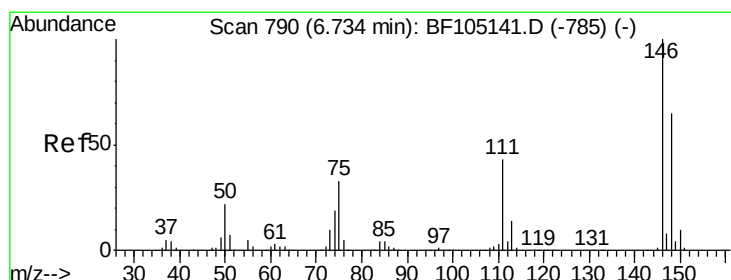
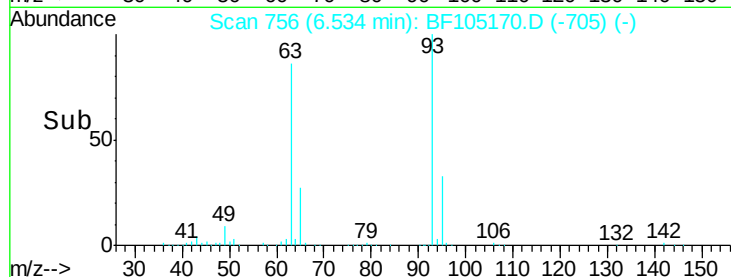
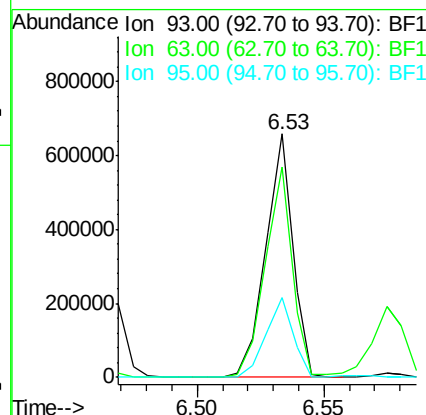
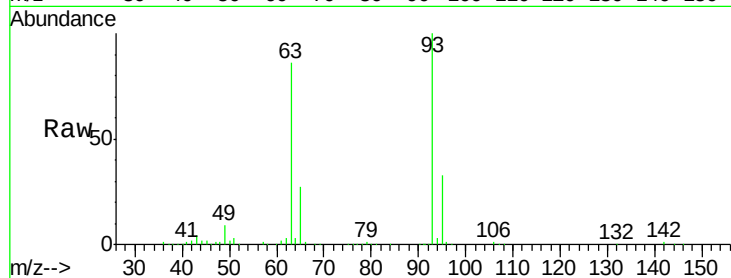




#11
bis(2-Chloroethyl)ether
Concen: 34.17 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

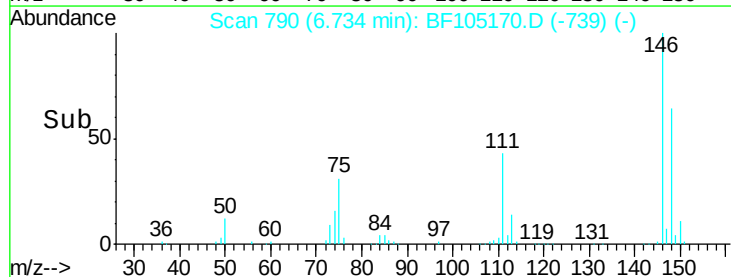
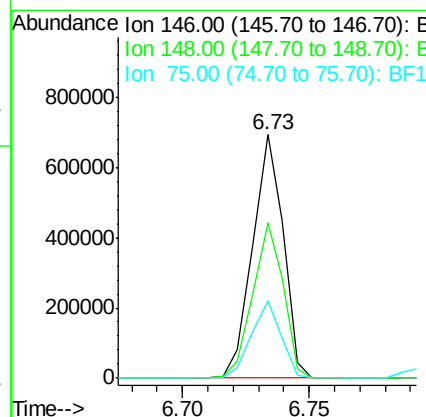
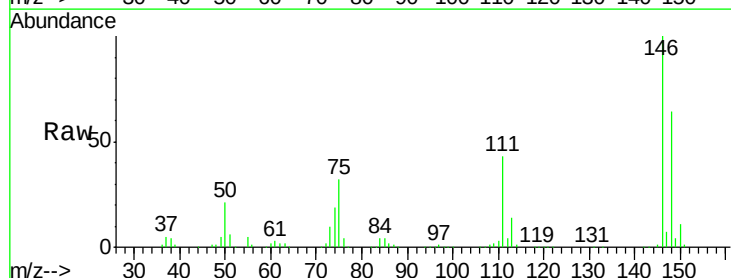
Instrument :
BNA_F
ClientSampleId :

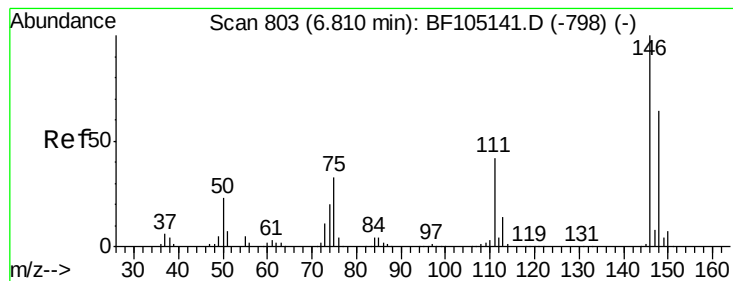
Tot Ion: 93 Resp: 493440
Ion Ratio Lower Upper
93 100
63 86.3 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.52 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 146 Resp: 583590
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 31.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.64 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

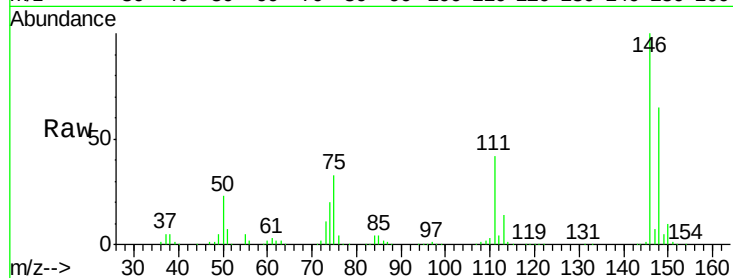
Tot Ion:146 Resp: 585580

Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

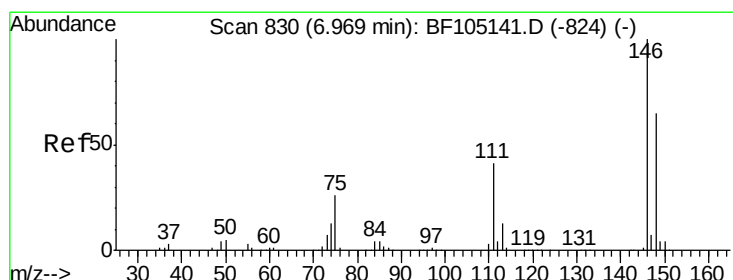
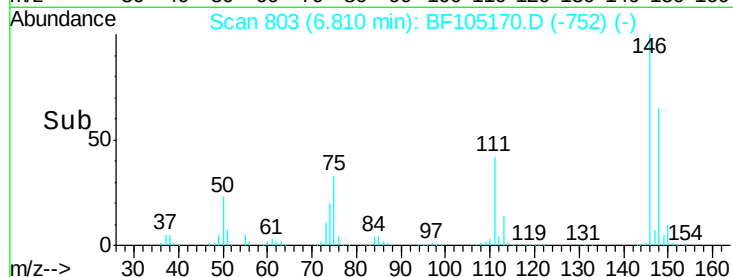
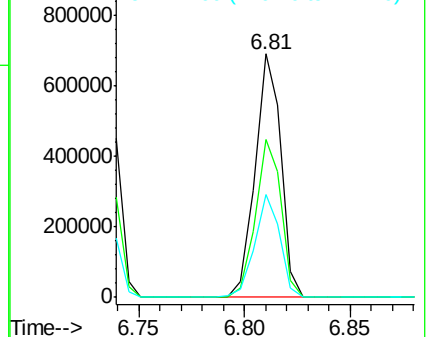
111 42.4 34.2 51.2



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: 34.42 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

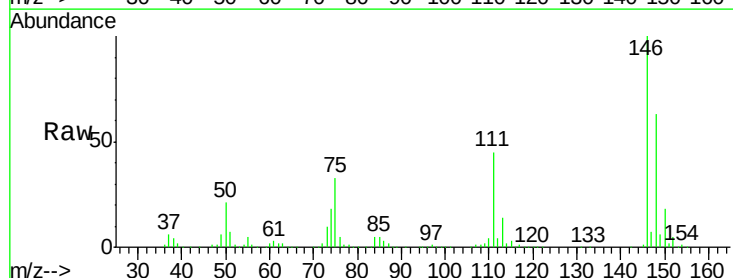
Tgt Ion:146 Resp: 536774

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

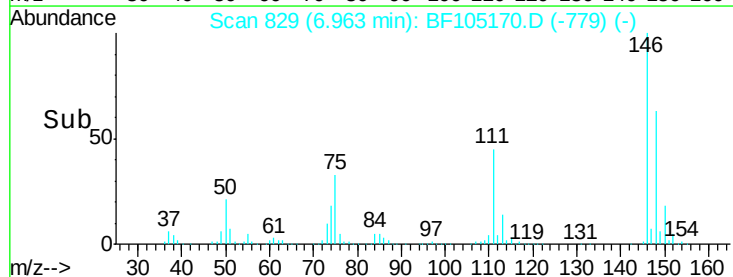
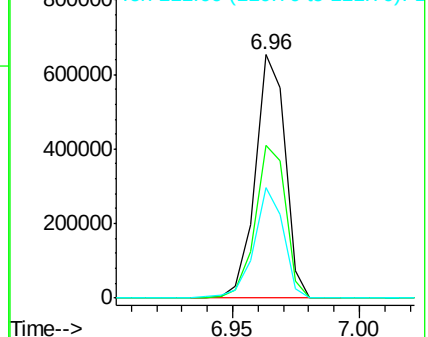
111 45.1 36.0 54.0

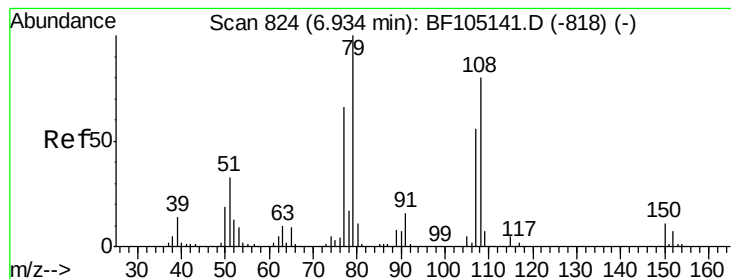


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.93 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

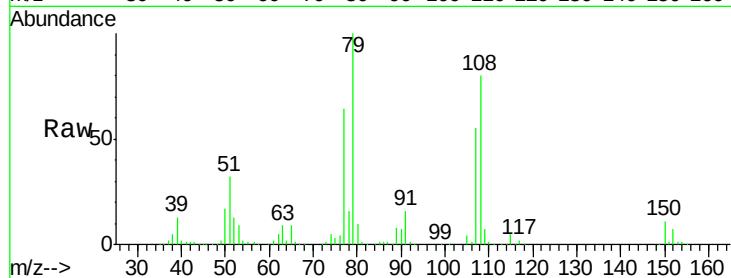
Tot Ion: 79 Resp: 444998

Ion Ratio Lower Upper

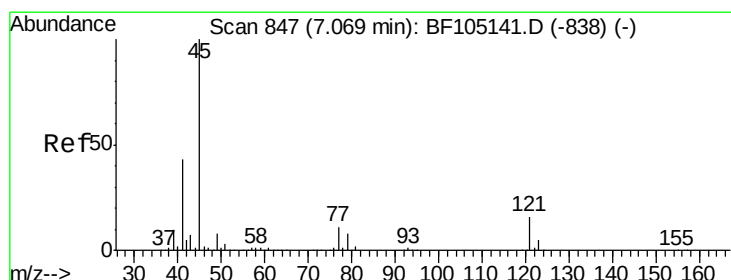
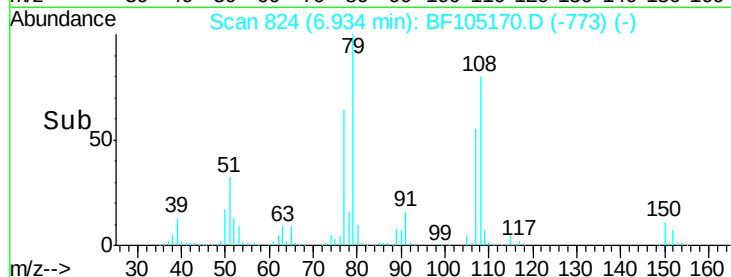
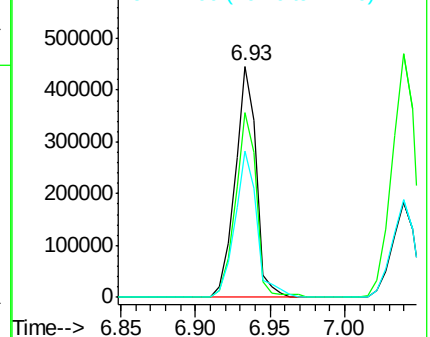
79 100

108 80.0 65.1 97.7

77 63.6 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.96 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

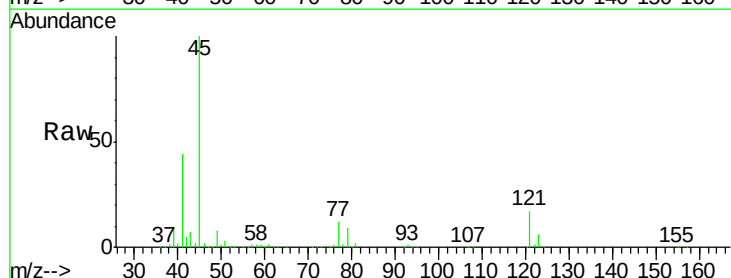
Tgt Ion: 45 Resp: 884591

Ion Ratio Lower Upper

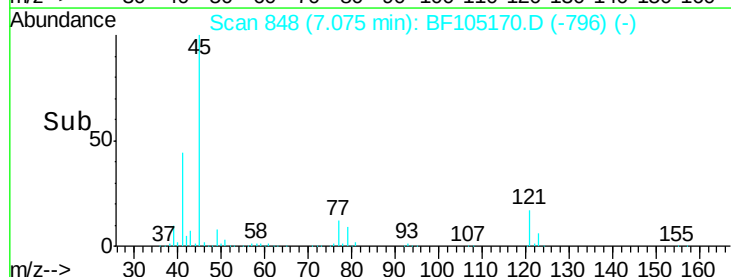
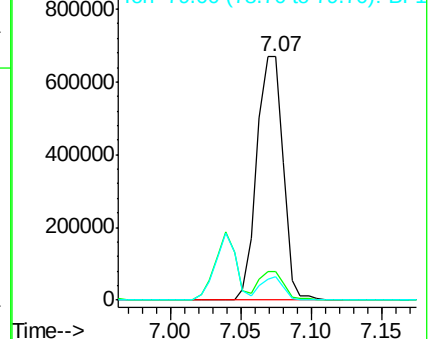
45 100

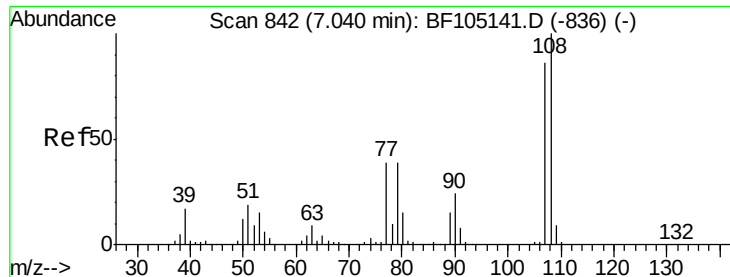
77 11.7 0.0 32.9

79 9.5 0.0 29.6



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





#17

2-Methylphenol

Concen: 35.64 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 431635

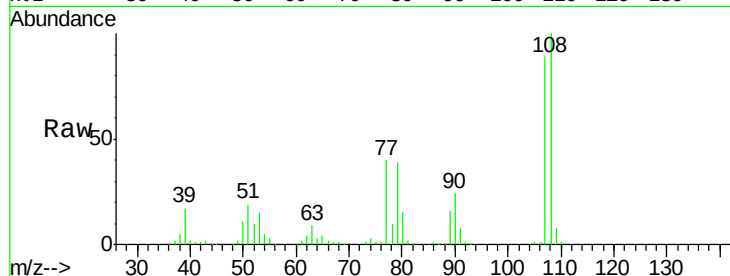
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 45.3 33.8 50.8

79 44.1 33.8 50.8

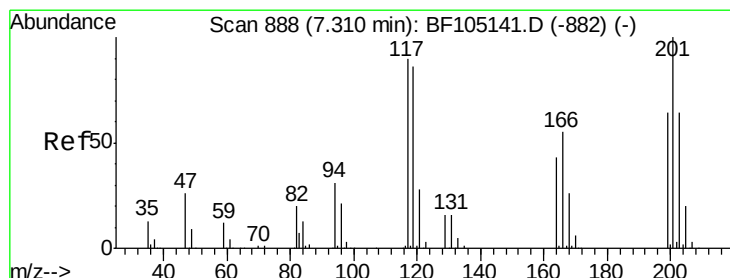
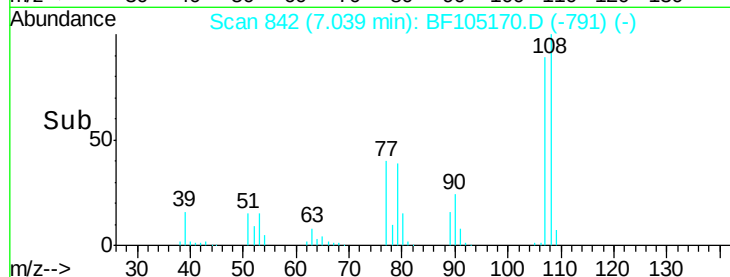
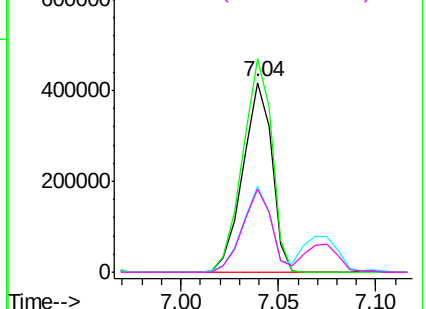


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.83 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

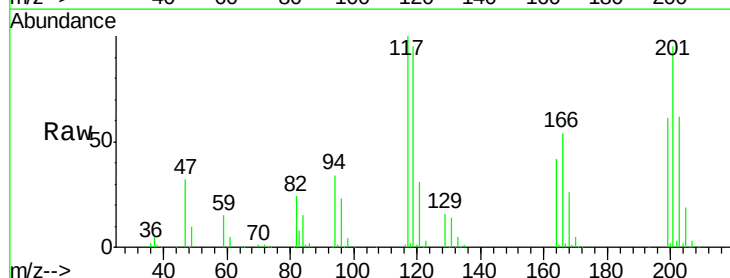
Tgt Ion:117 Resp: 200341

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

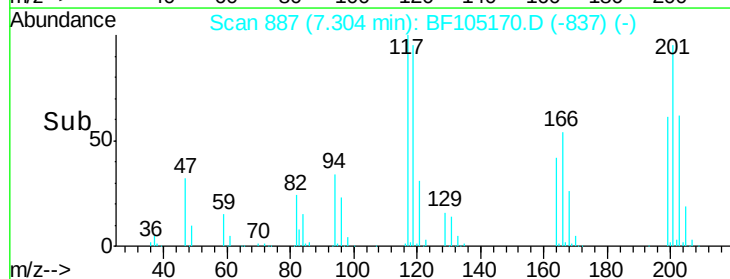
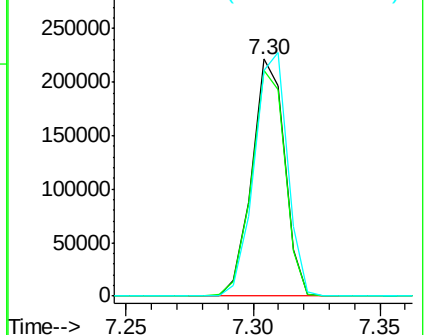
201 95.5 75.7 113.5

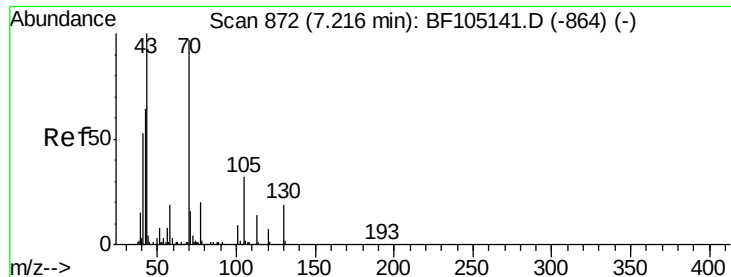


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

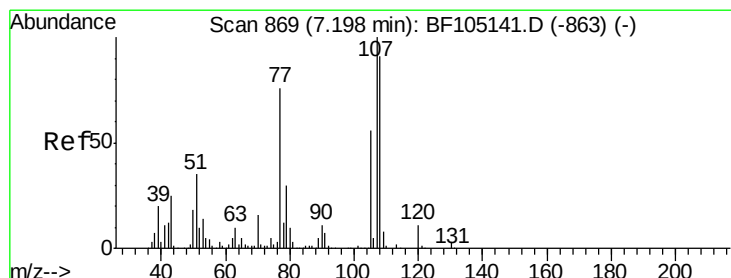
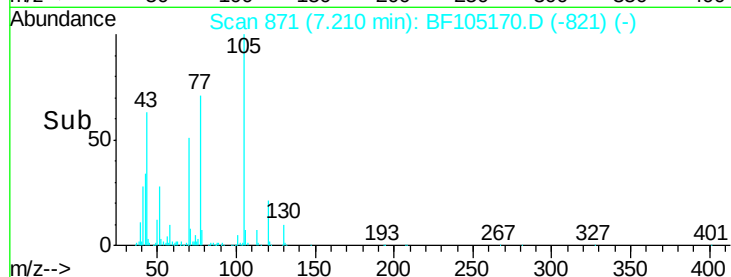
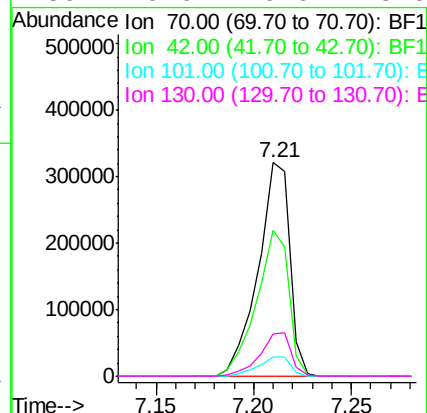
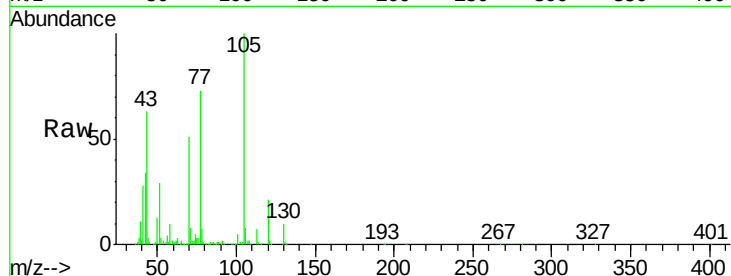




#19
n-Nitroso-di-n-propylamine
Concen: 34.66 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

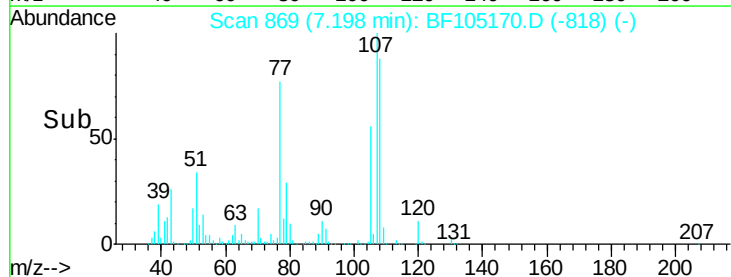
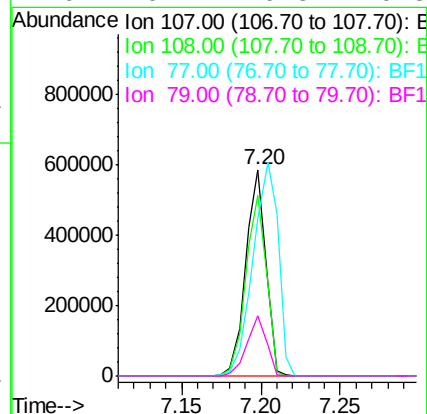
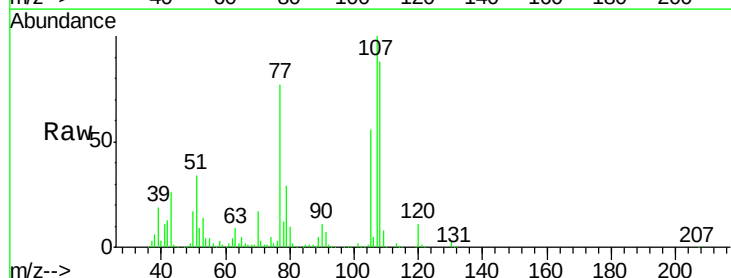
Instrument :
BNA_F
ClientSampleId :

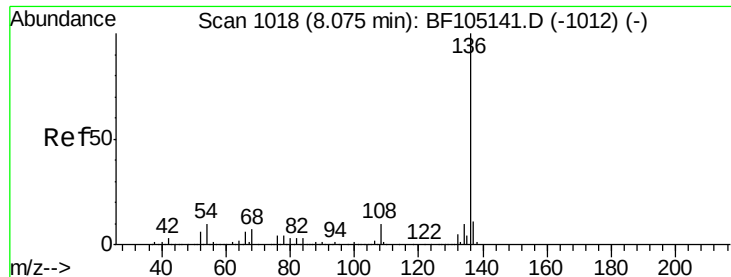
Tot Ion: 70 Resp: 361276
Ion Ratio Lower Upper
70 100
42 68.0 47.5 71.3
101 9.3 7.4 11.2
130 19.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.05 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 107 Resp: 513099
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 76.6 26.7 66.7#
79 29.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 848436

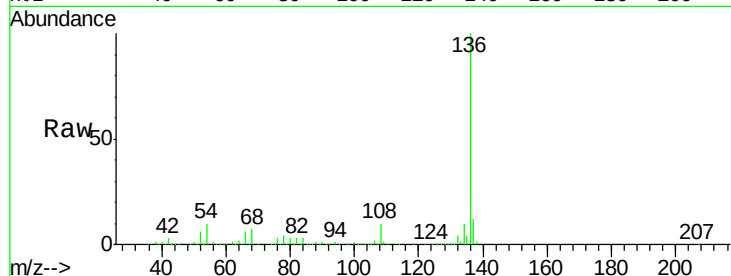
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 9.9 6.6 9.8#

68 6.5 5.0 7.4



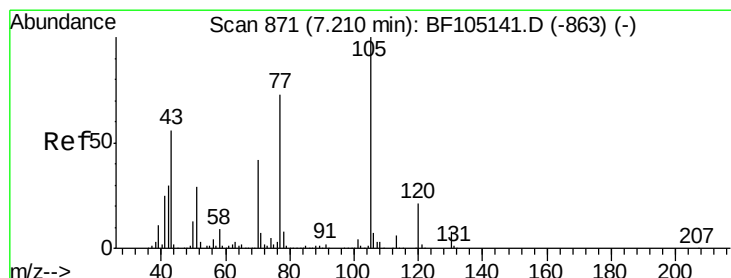
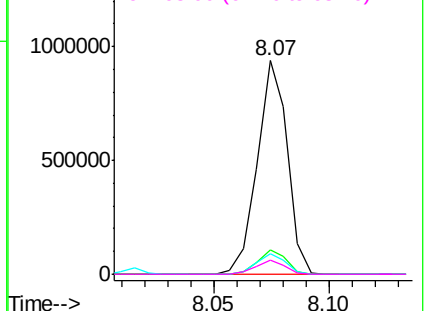
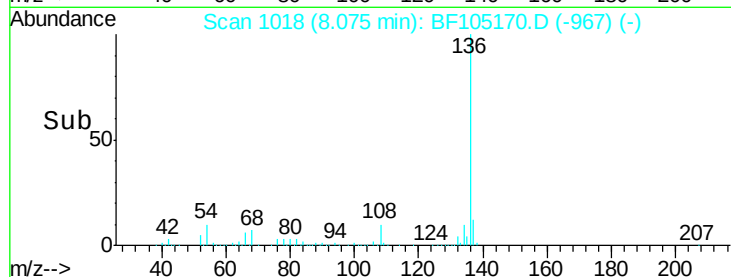
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.97 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:105 Resp: 671907

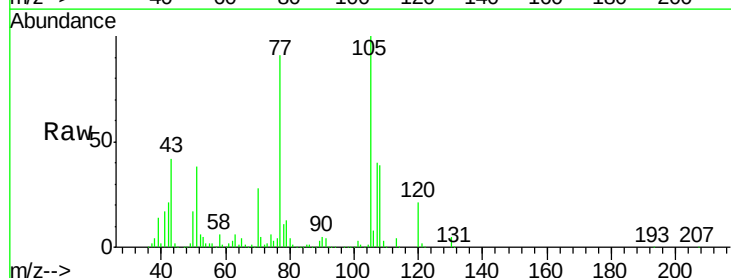
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 38.1 22.3 33.5#

120 21.0 16.9 25.3



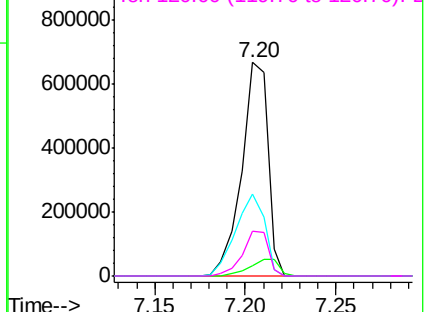
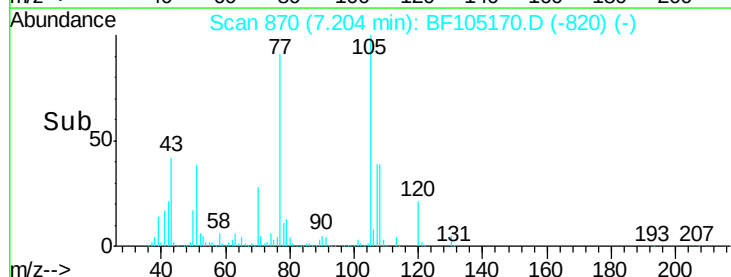
Abundance

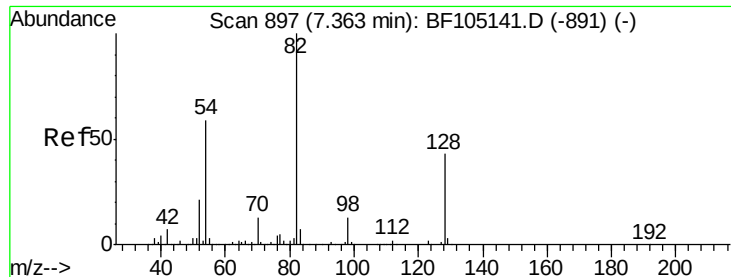
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



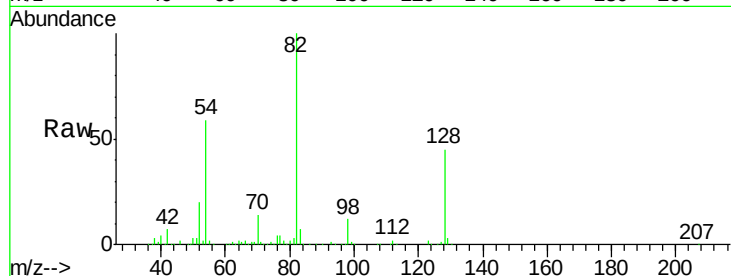


#23
 Nitrobenzene-d5
 Concen: 80.20 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

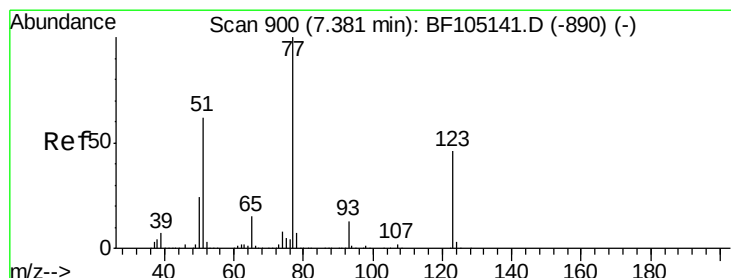
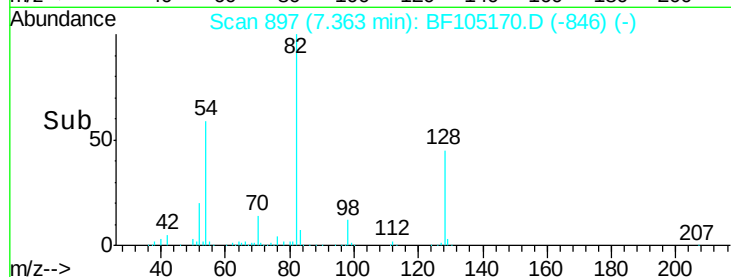
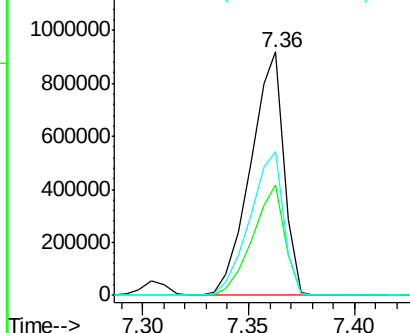
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1004037

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	58.8	41.4	62.2



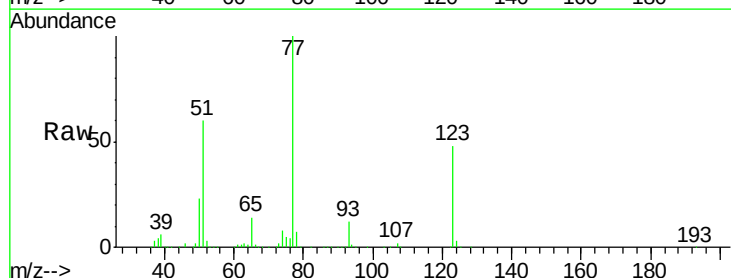
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



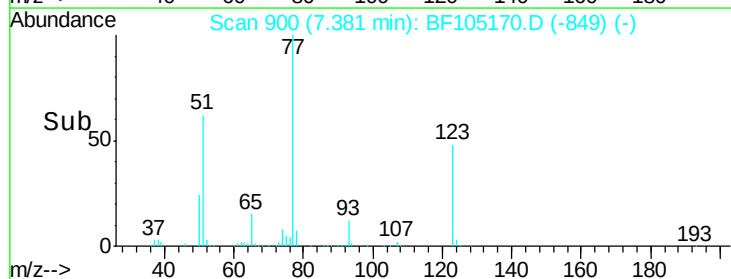
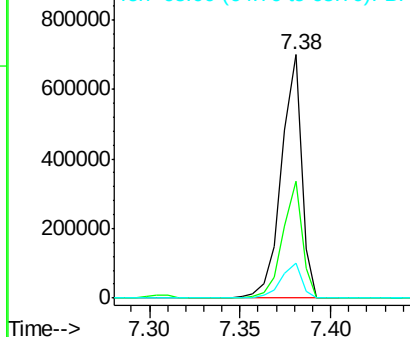
#24
 Nitrobenzene
 Concen: 38.08 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

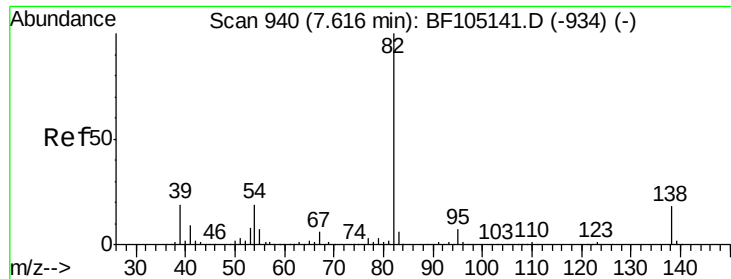
Tgt Ion: 77 Resp: 540534

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.9	56.9
65	14.3	11.0	16.4



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





#25

Isophorone

Concen: 34.87 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

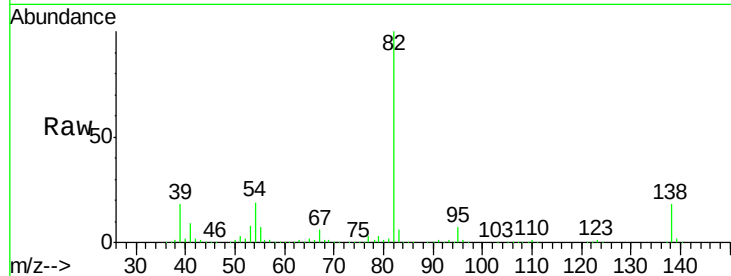
Tot Ion: 82 Resp: 976314

Ion Ratio Lower Upper

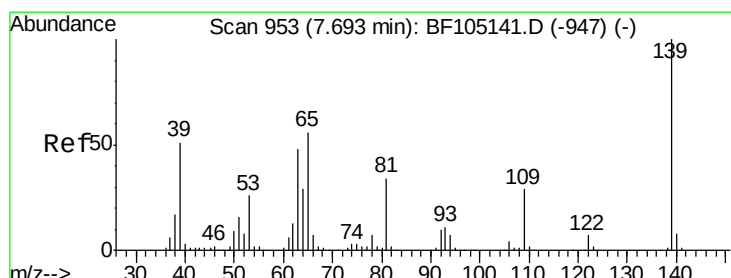
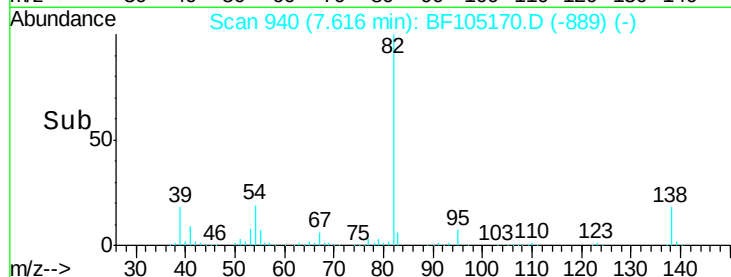
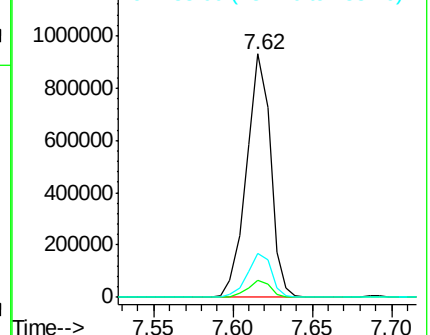
82 100

95 7.0 5.2 7.8

138 18.0 14.9 22.3



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



#26

2-Nitrophenol

Concen: 45.19 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

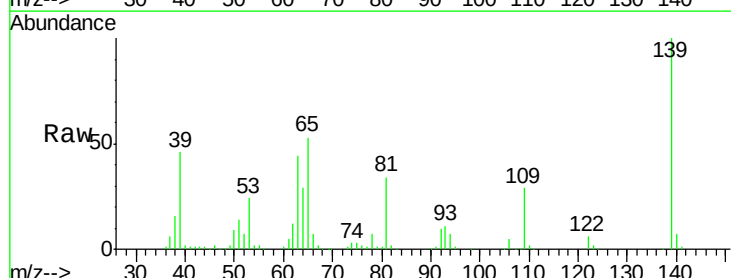
Tgt Ion: 139 Resp: 252465

Ion Ratio Lower Upper

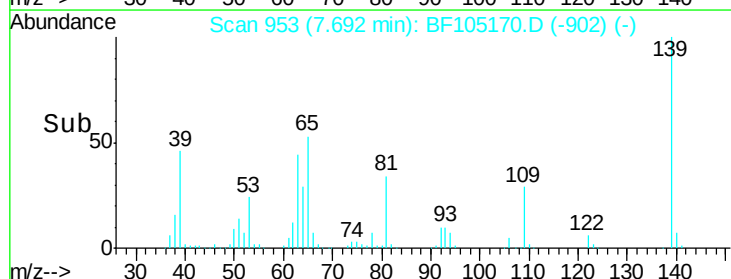
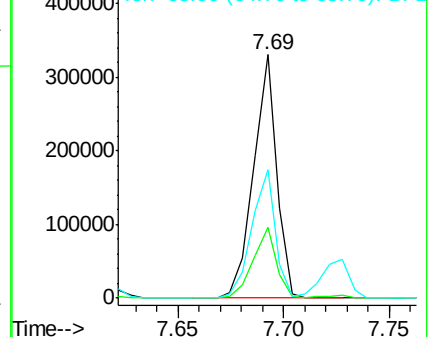
139 100

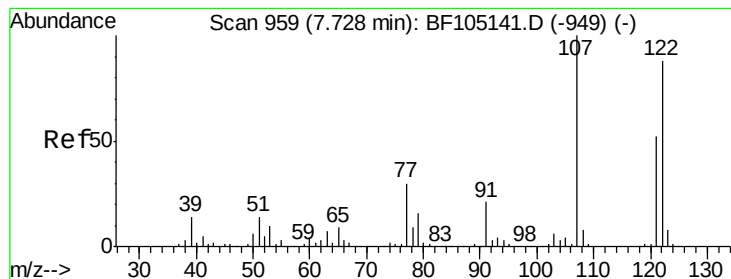
109 29.2 22.7 34.1

65 53.0 40.5 60.7



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

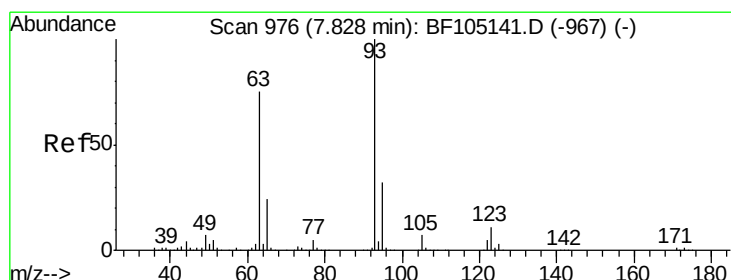
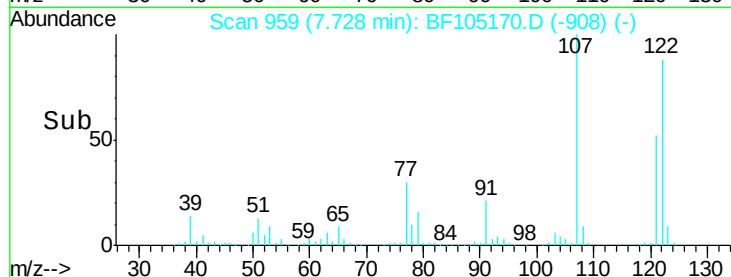
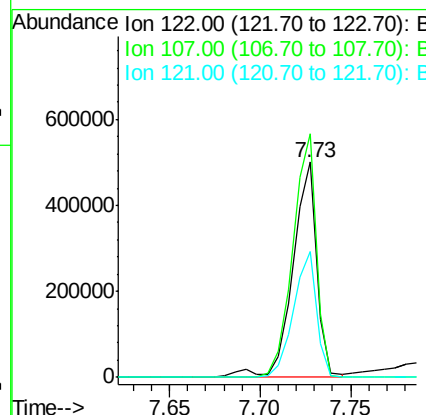
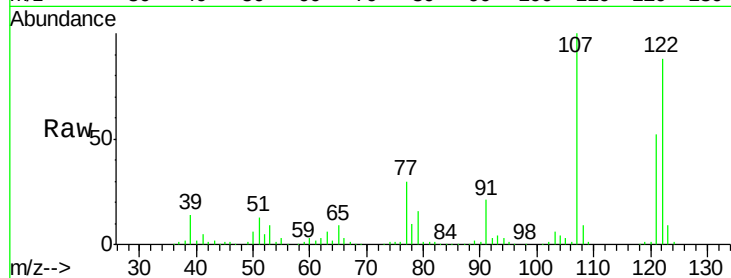




#27
 2,4-Dimethylphenol
 Concen: 37.46 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

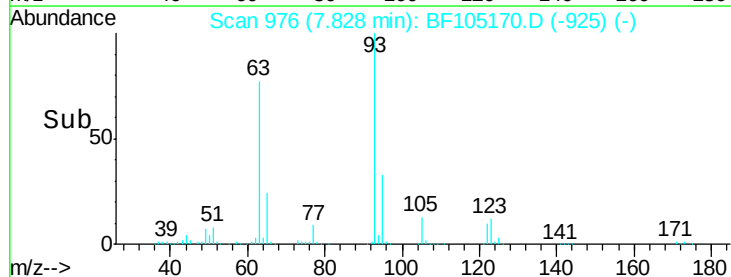
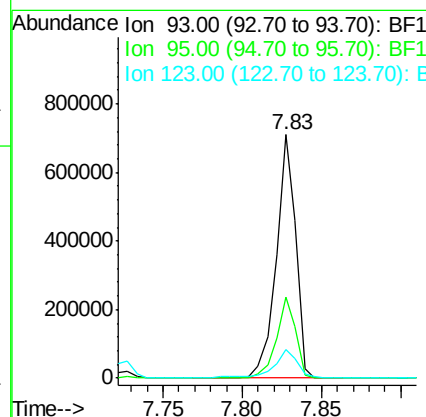
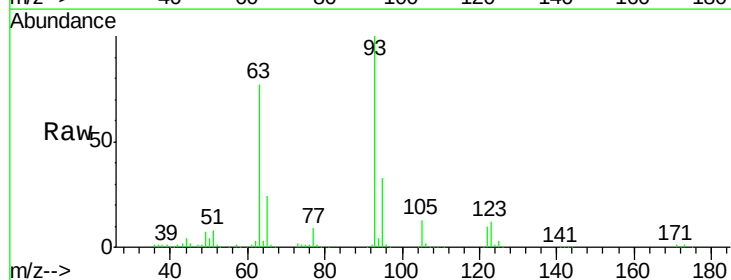
Instrument :
 BNA_F
 ClientSampleId :

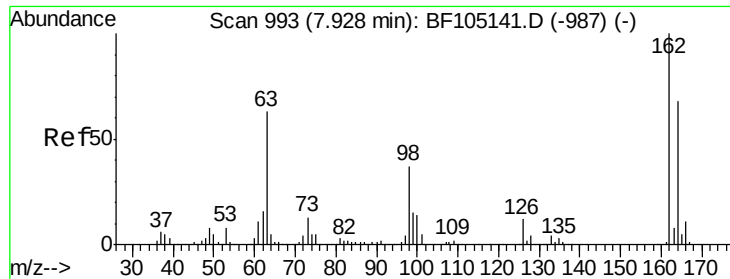
Tot Ion:122 Resp: 466035
 Ion Ratio Lower Upper
 122 100
 107 113.3 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.14 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion: 93 Resp: 607181
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.6 9.8 14.6

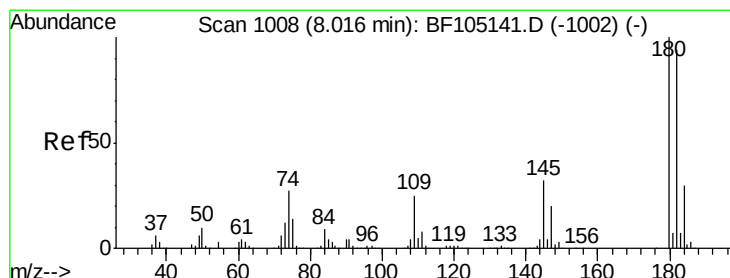
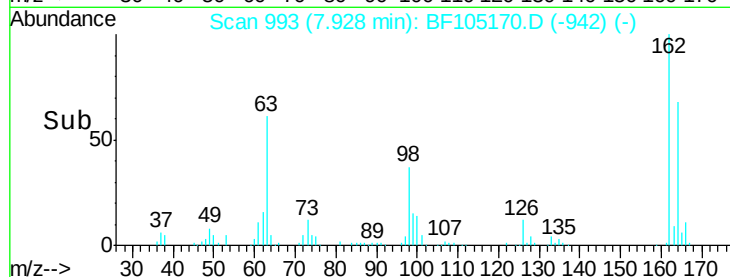
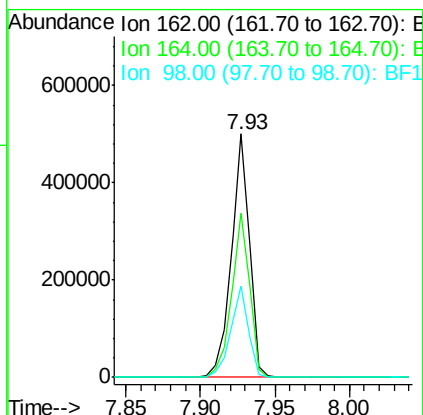
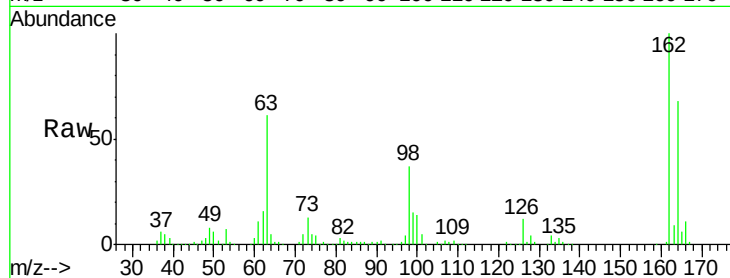




#29
 2,4-Dichlorophenol
 Concen: 36.98 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

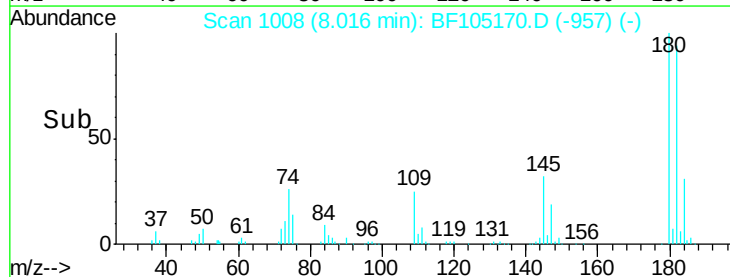
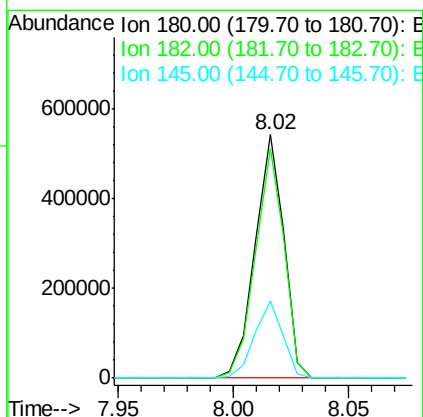
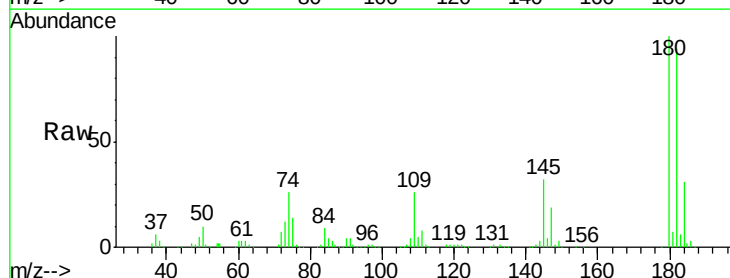
Instrument :
 BNA_F
 ClientSampleId :

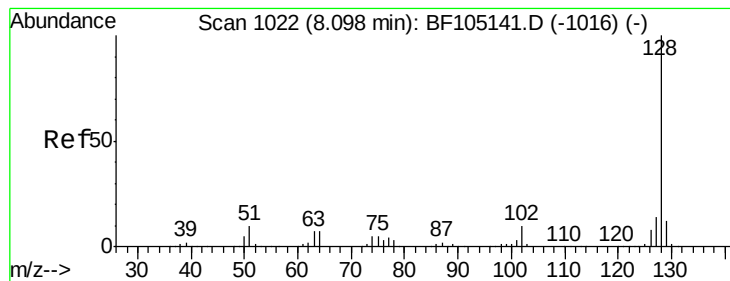
Tot Ion:162 Resp: 430484
 Ion Ratio Lower Upper
 162 100
 164 67.6 42.7 82.7
 98 37.4 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.23 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:180 Resp: 472874
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 31.8 26.5 39.7





#31

Naphthalene

Concen: 34.63 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

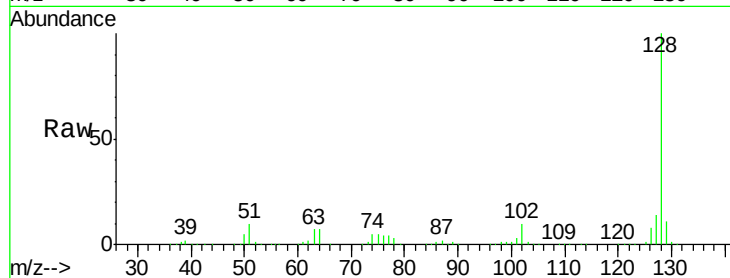
Tot Ion:128 Resp: 1414624

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

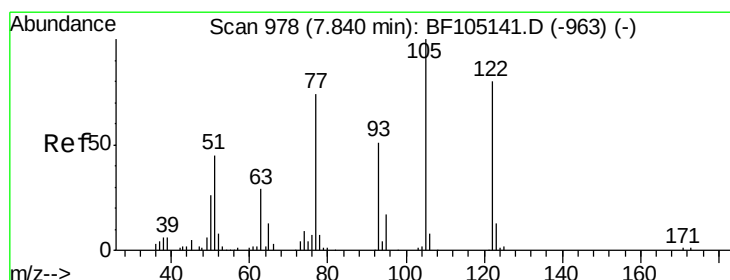
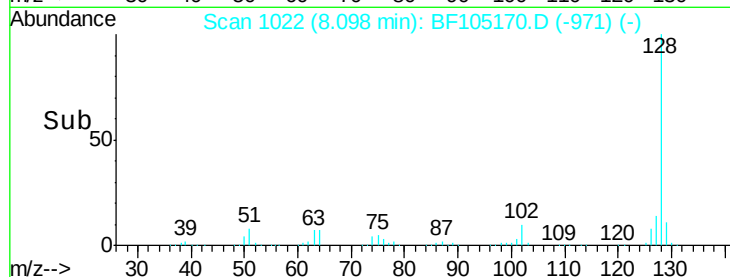
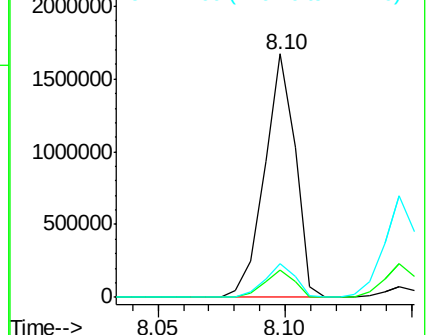
127 13.8 10.9 16.3



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: 43.65 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

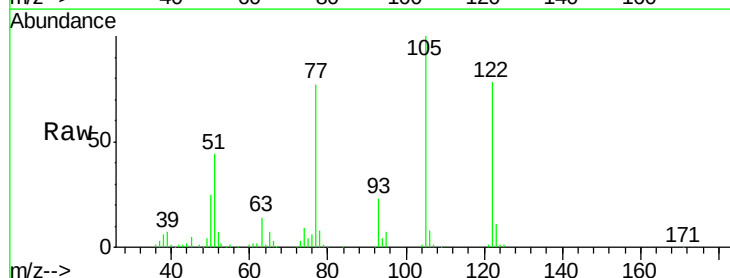
Tgt Ion:122 Resp: 306721

Ion Ratio Lower Upper

122 100

105 128.4 101.1 141.1

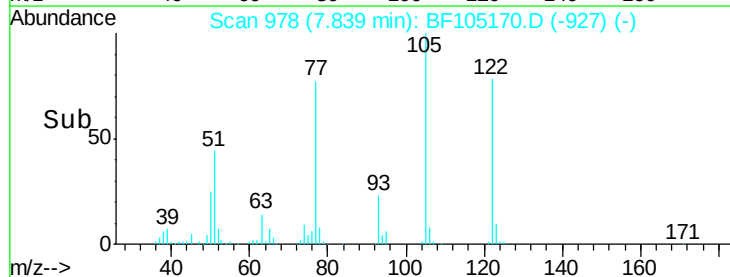
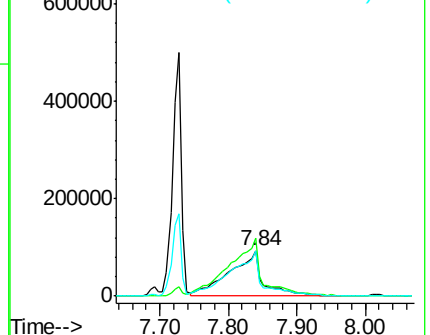
77 98.7 70.7 110.7

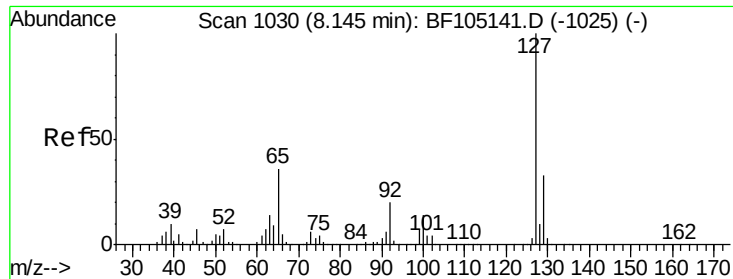


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

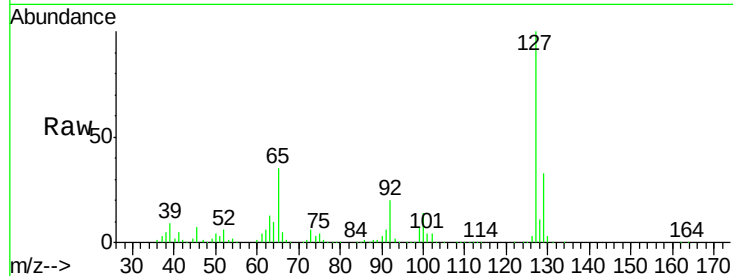




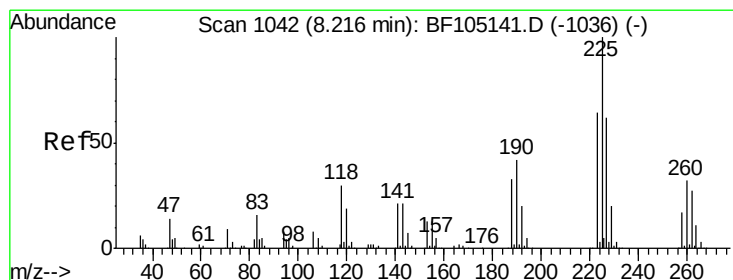
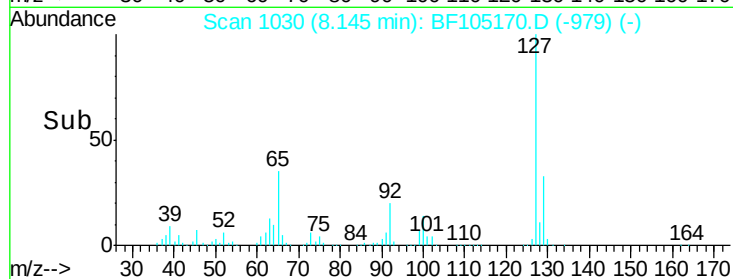
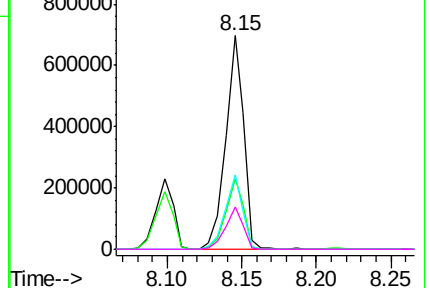
#33
4-Chloroaniline
Concen: 35.16 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	597307
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	35.0	25.0	37.4
92	19.8	15.2	22.8

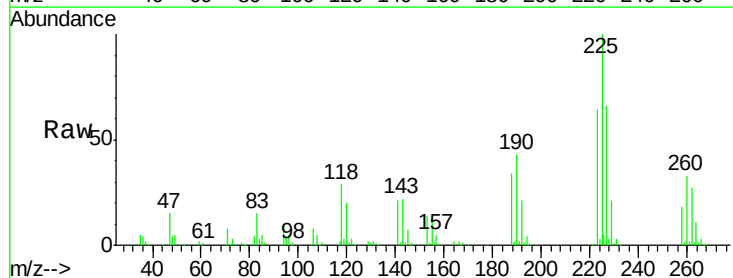


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

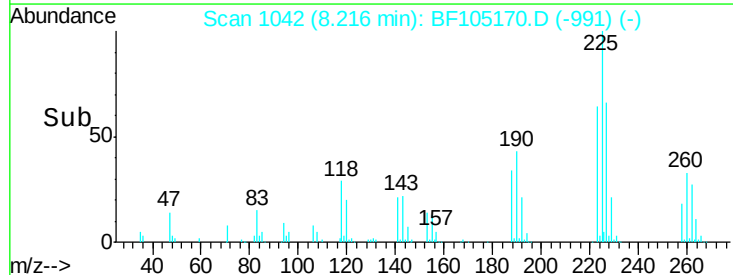
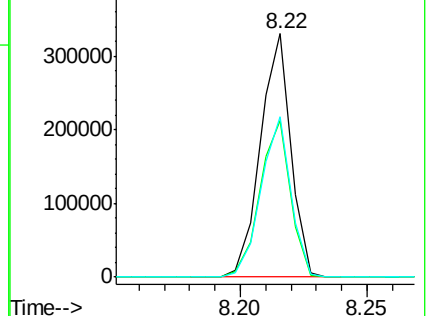


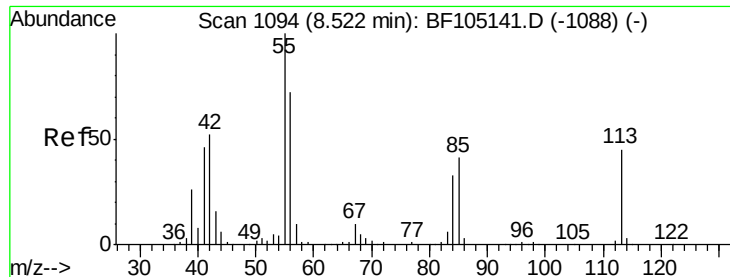
#34
Hexachlorobutadiene
Concen: 35.34 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:	225	Resp:	274843
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	65.7	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

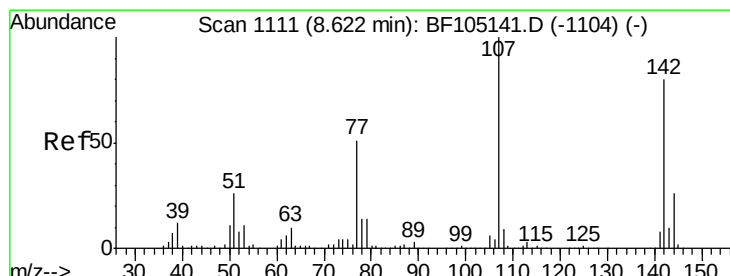
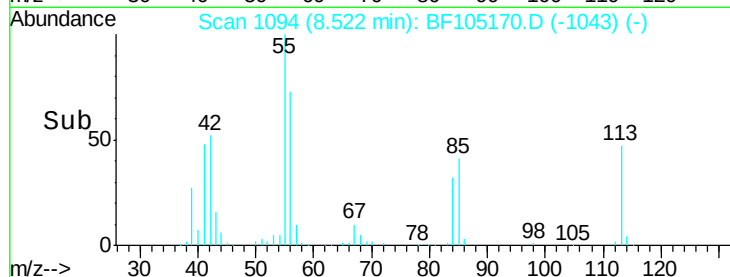
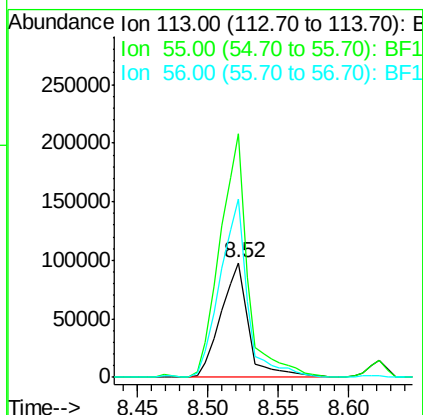
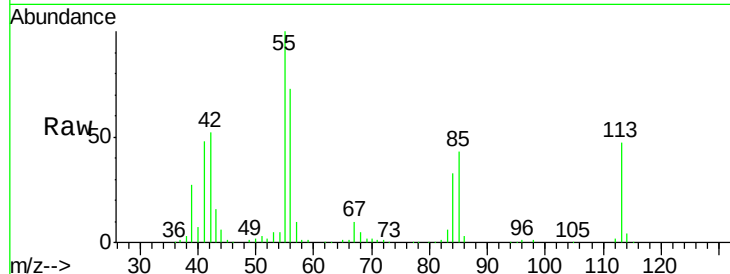




#35
 Caprolactam
 Concen: 38.02 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

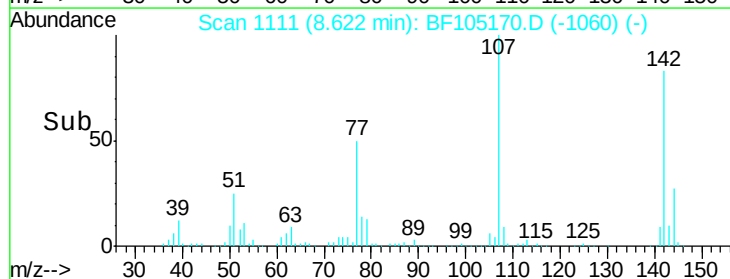
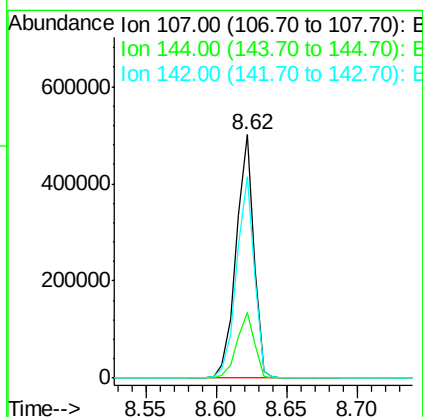
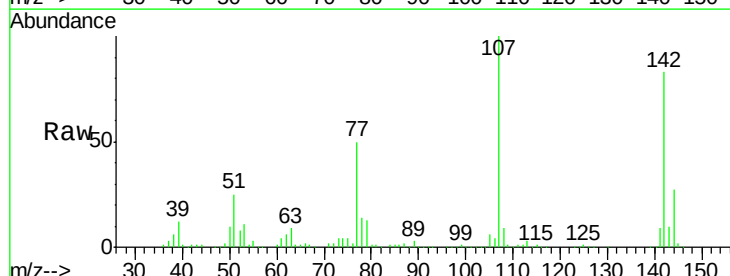
Instrument :
 BNA_F
 ClientSampleId :

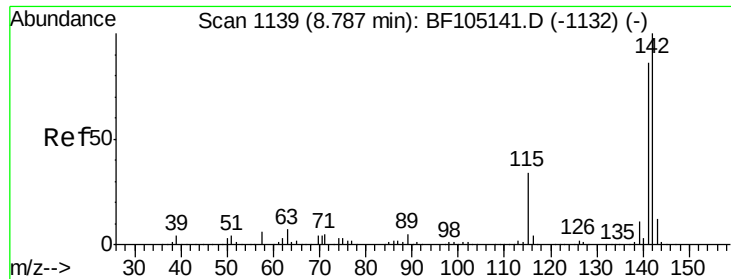
Tot Ion:113 Resp: 134404
 Ion Ratio Lower Upper
 113 100
 55 212.1 163.3 203.3#
 56 155.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.09 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:107 Resp: 437360
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 82.5 62.0 93.0

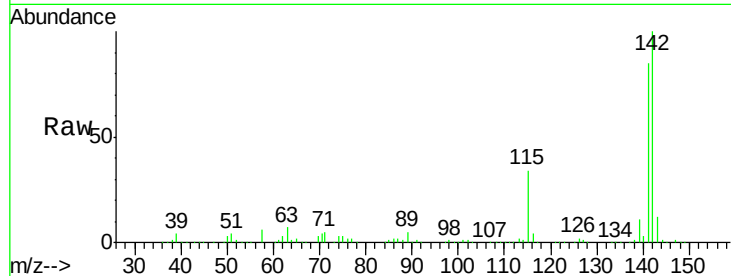




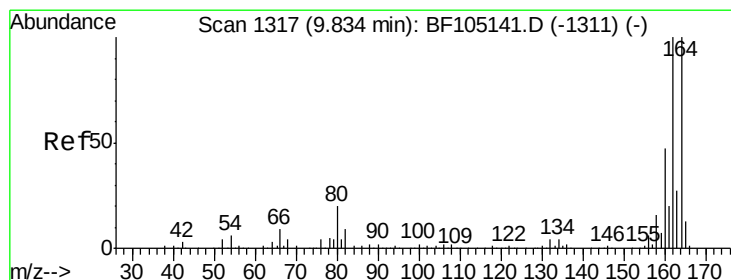
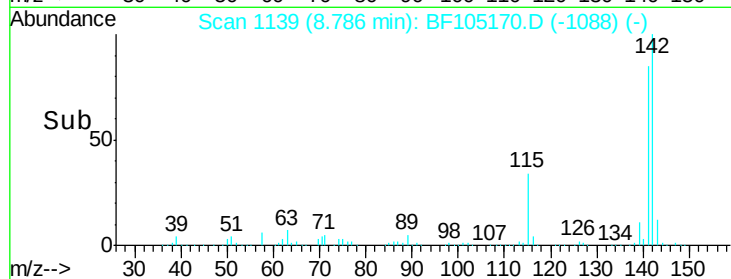
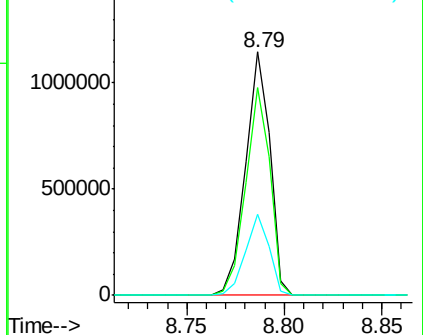
#37
2-Methylnaphthalene
Concen: 34.79 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 990568
Ion Ratio Lower Upper
142 100
141 85.3 70.8 106.2
115 33.5 26.1 39.1

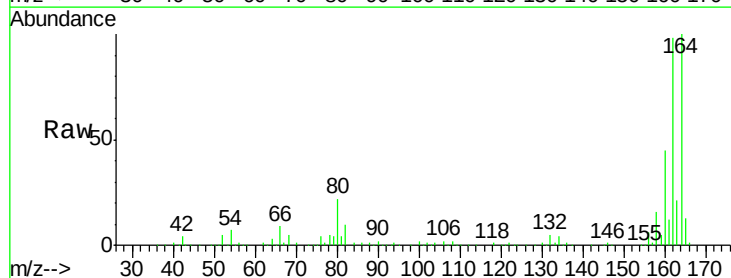


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

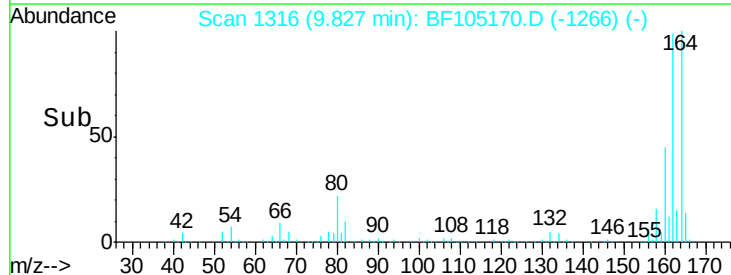
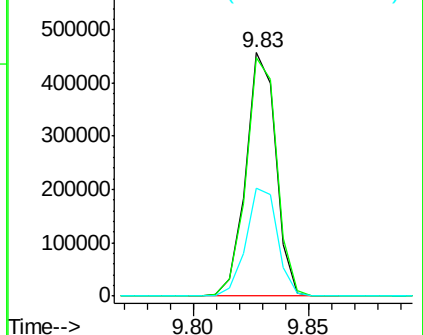


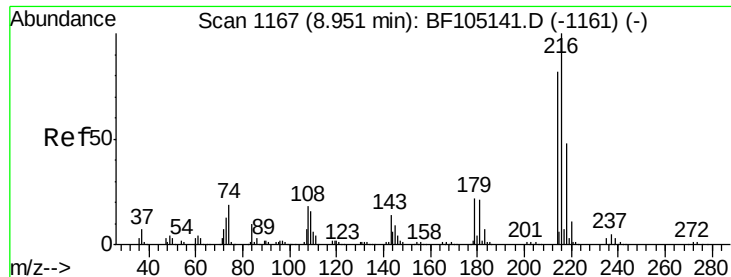
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:164 Resp: 416300
Ion Ratio Lower Upper
164 100
162 98.1 86.1 129.1
160 44.6 38.3 57.5



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

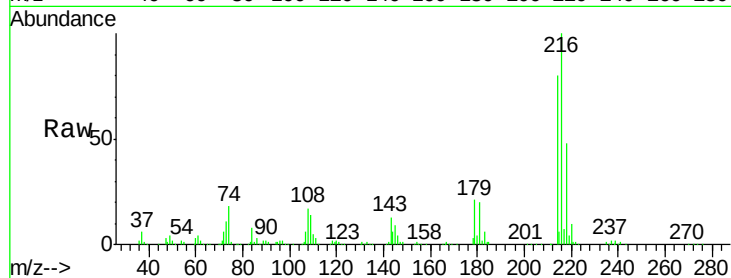




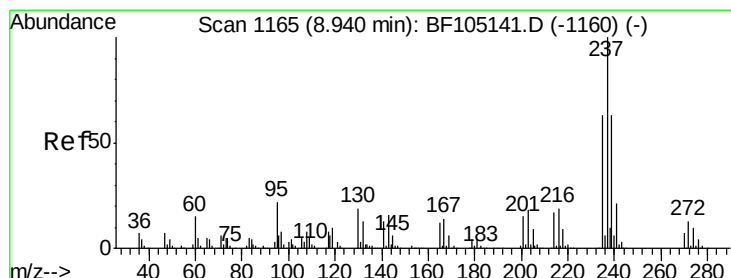
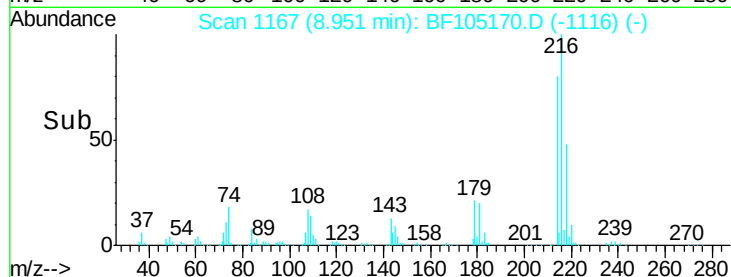
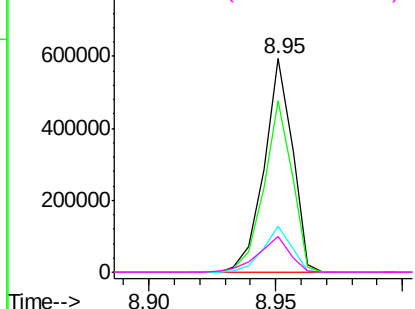
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.18 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	466054
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	21.2	18.1	27.1
108	18.5	17.2	25.8

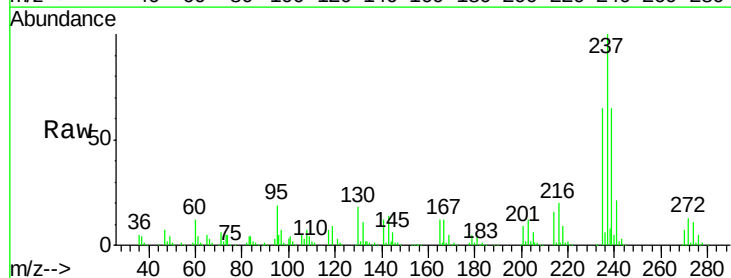


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

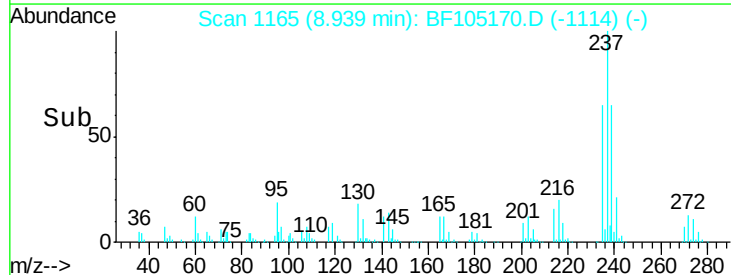
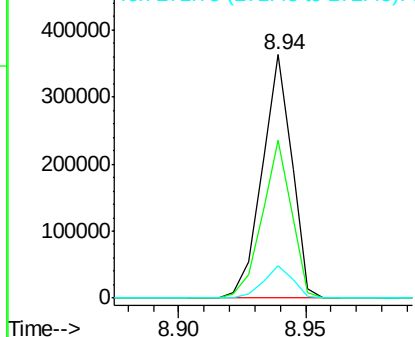


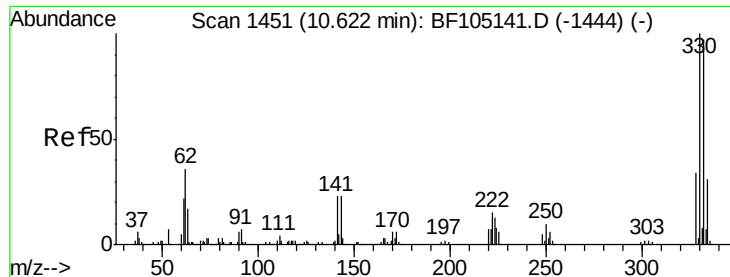
#40
 Hexachlorocyclopentadiene
 Concen: 41.51 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:	237	Resp:	297363
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.8	84.8
272	13.2	0.0	33.3



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

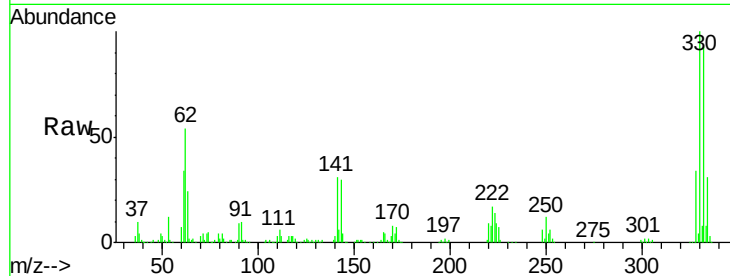




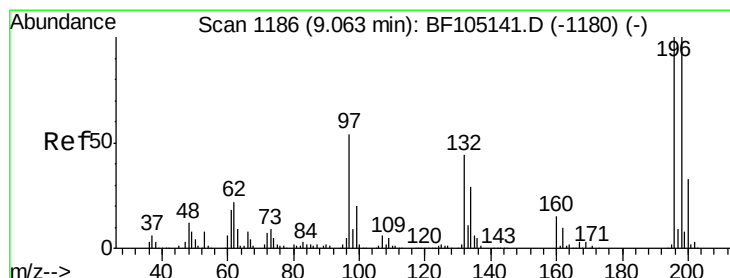
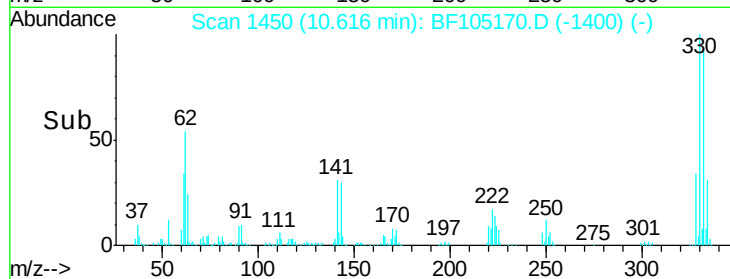
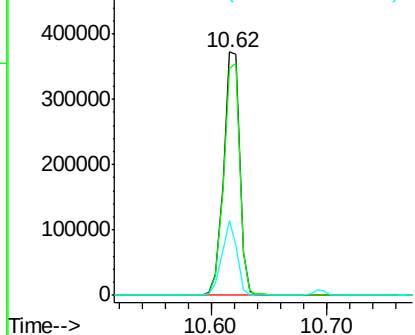
#41
 2,4,6-Tribromophenol
 Concen: 78.68 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	361370
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	95.4		
141	28.4		

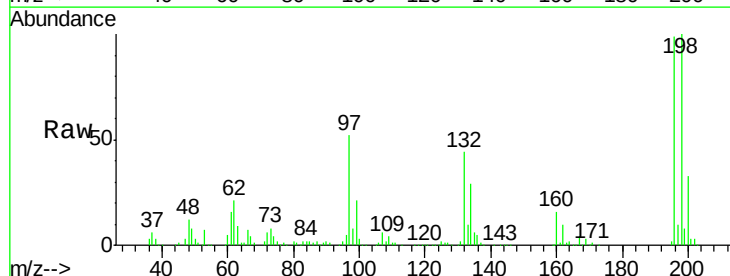


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

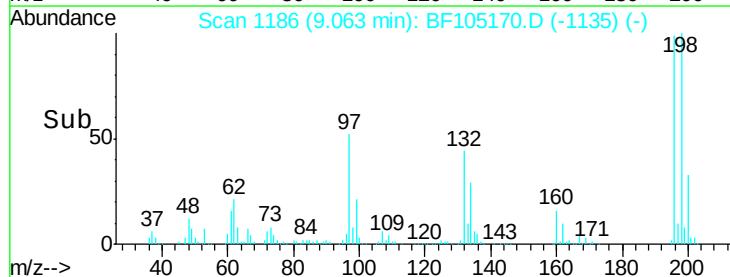
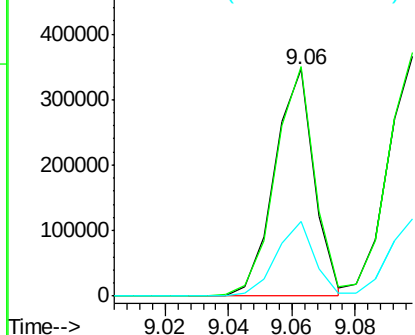


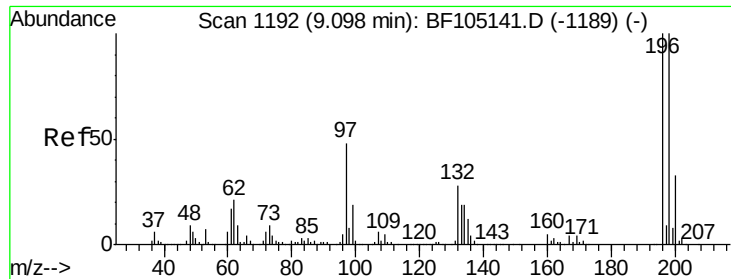
#42
 2,4,6-Trichlorophenol
 Concen: 37.25 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	196	Resp	301053
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	101.1		
200	33.0		



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

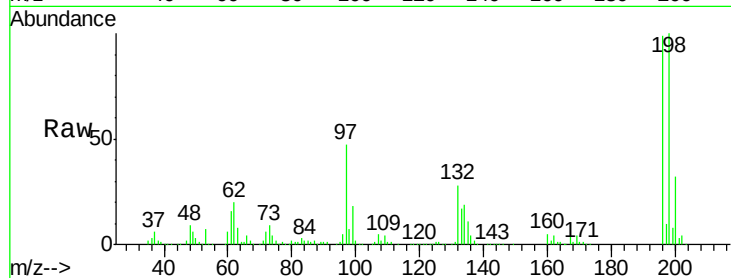




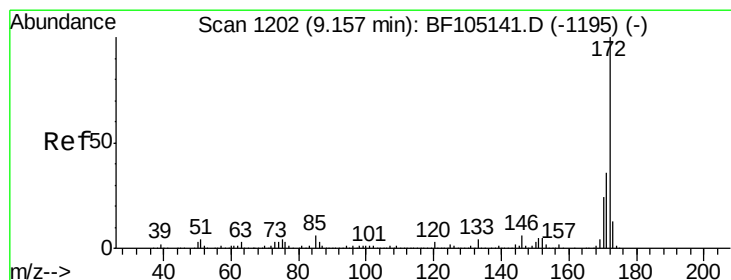
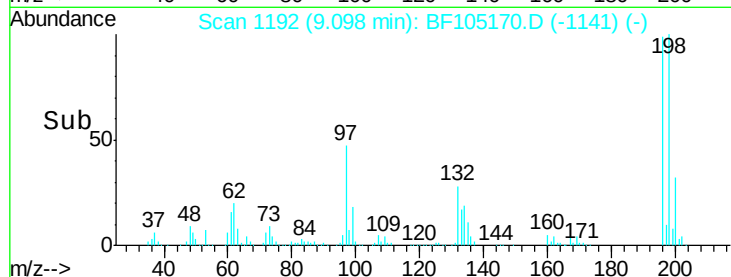
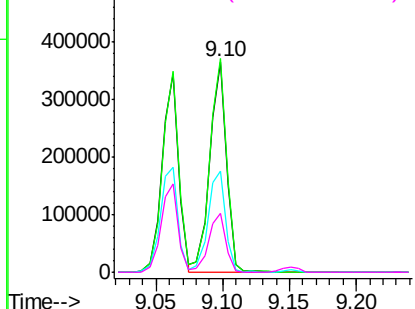
#43
 2,4,5-Trichlorophenol
 Concen: 38.33 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 323743
 Ion Ratio Lower Upper
 196 100
 198 101.5 74.6 112.0
 97 48.0 42.9 64.3
 132 28.1 26.3 39.5

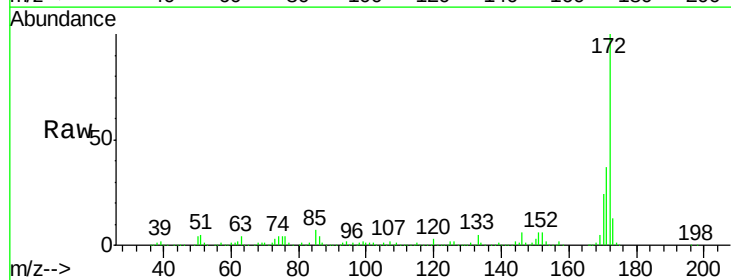


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

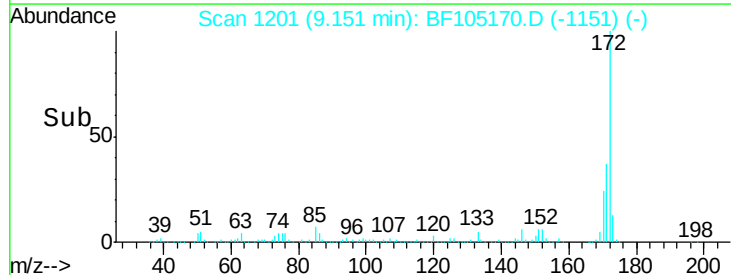
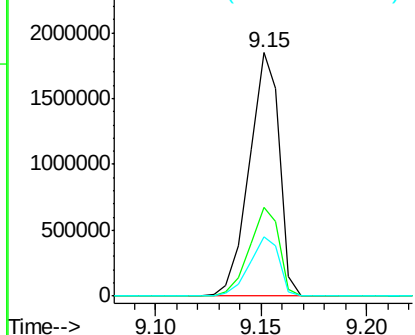


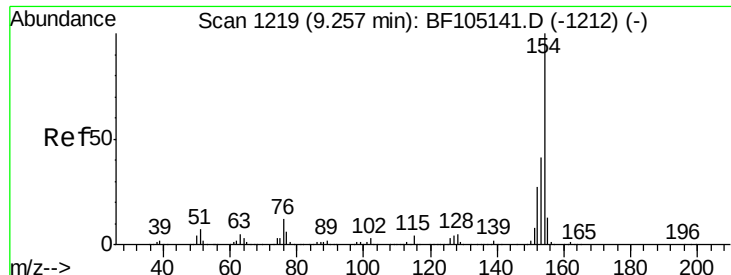
#44
 2-Fluorobiphenyl
 Concen: 67.91 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:172 Resp: 1821505
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 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

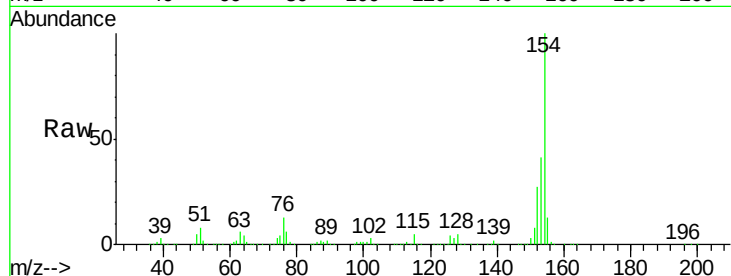




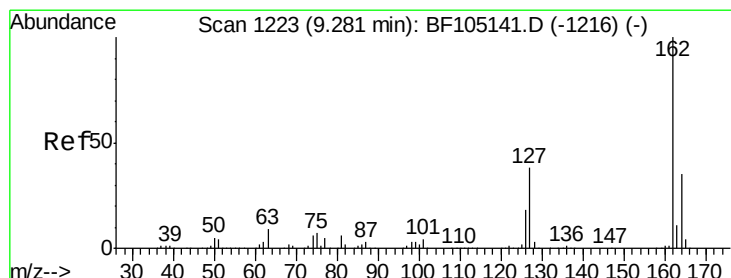
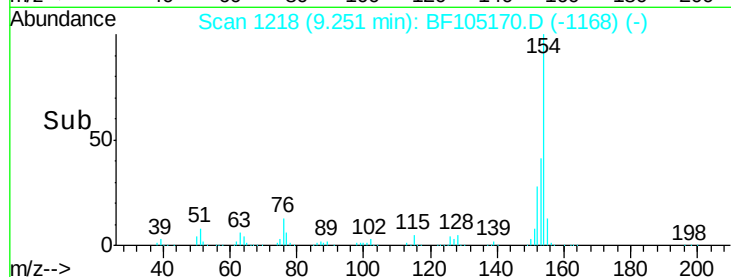
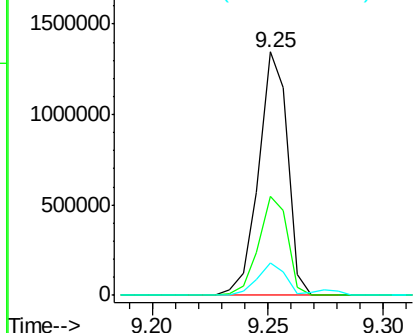
#45
 1,1'-Biphenyl
 Concen: 34.77 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1179194
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 13.4 0.0 34.0

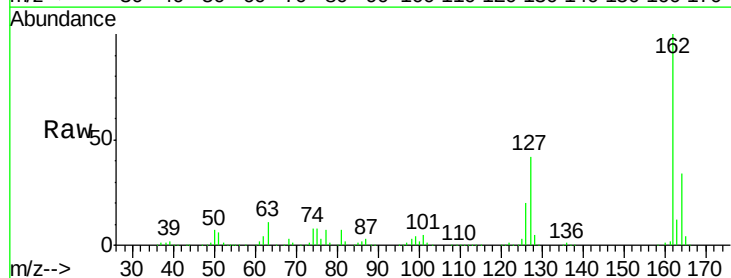


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

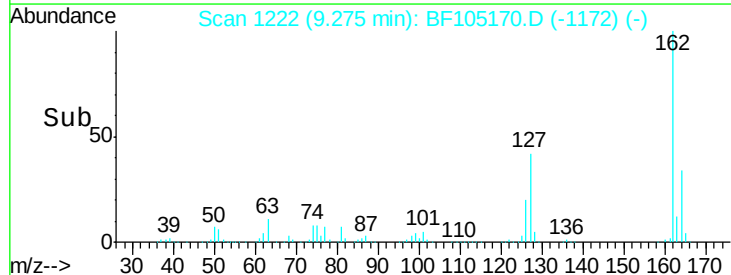
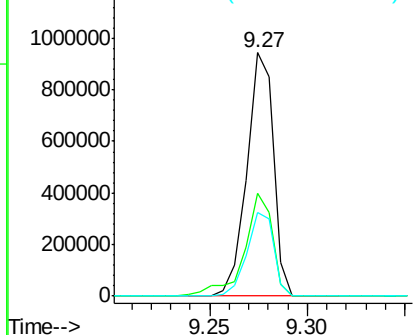


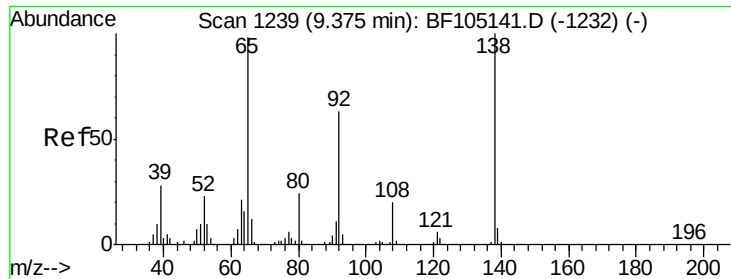
#46
 2-Chloronaphthalene
 Concen: 35.12 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:162 Resp: 890370
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 34.4 26.5 39.7



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

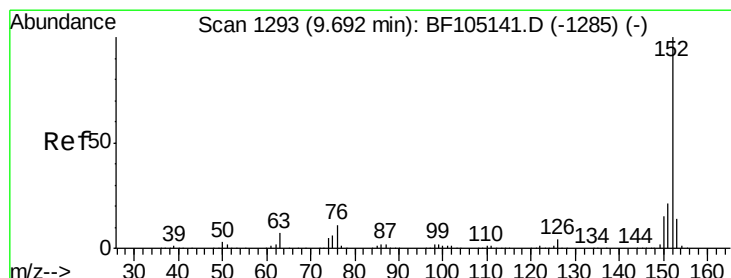
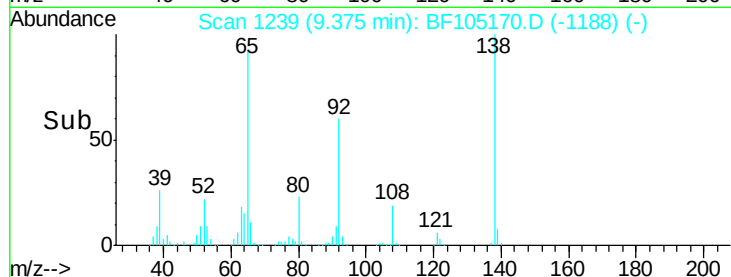
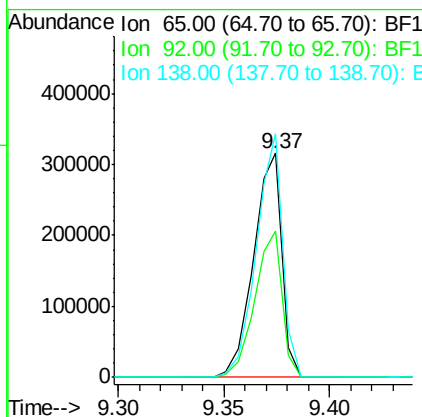
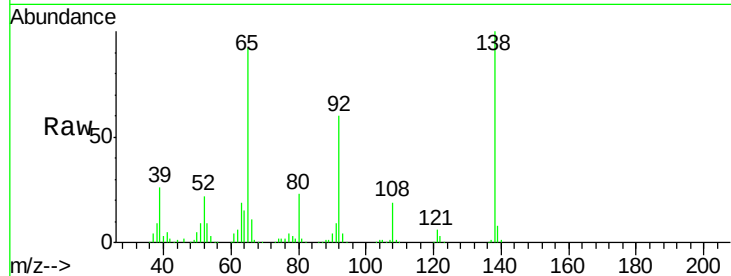




#47
2-Nitroaniline
Concen: 41.22 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

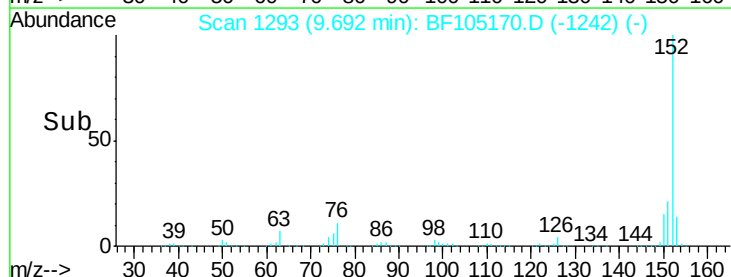
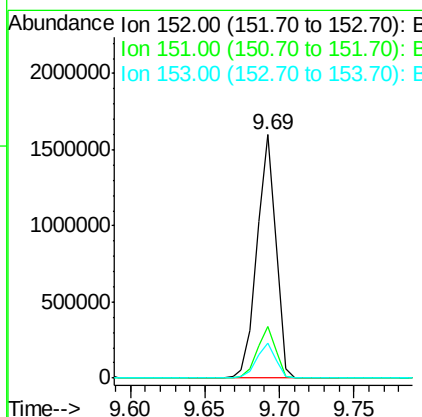
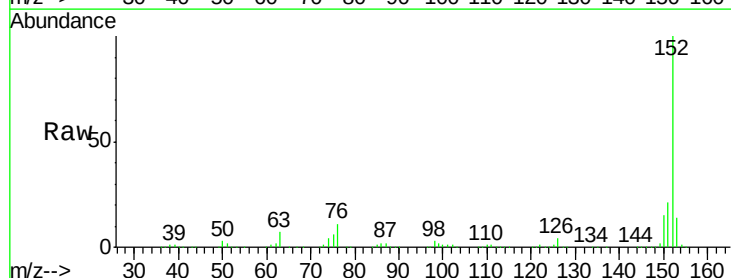
Instrument :
BNA_F
ClientSampleId :

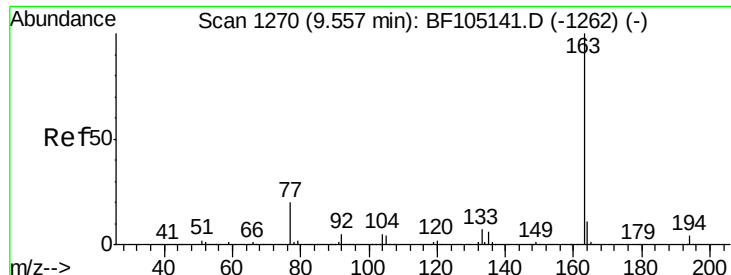
Tot Ion: 65 Resp: 294202
Ion Ratio Lower Upper
65 100
92 65.4 55.8 83.6
138 108.6 91.2 136.8



#48
Acenaphthylene
Concen: 35.33 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 152 Resp: 1383323
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.2 10.7 16.1

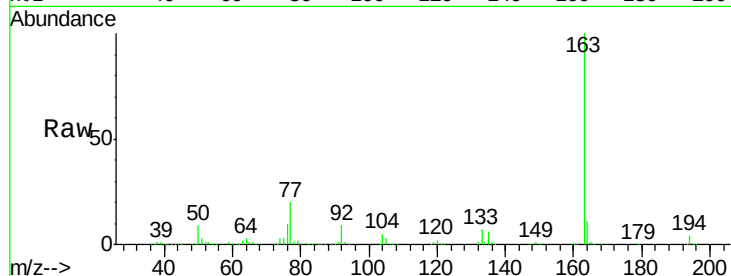




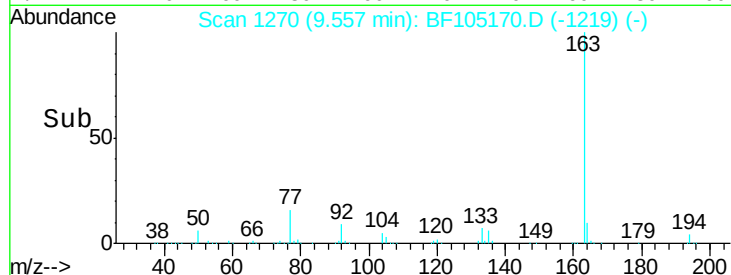
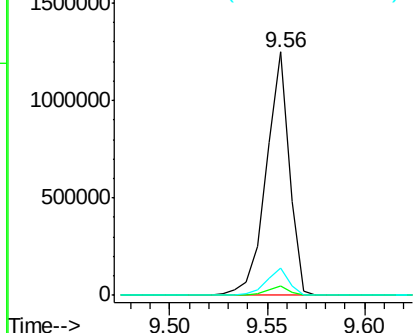
#49
Dimethylphthalate
Concen: 36.12 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1017857
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.2 12.2

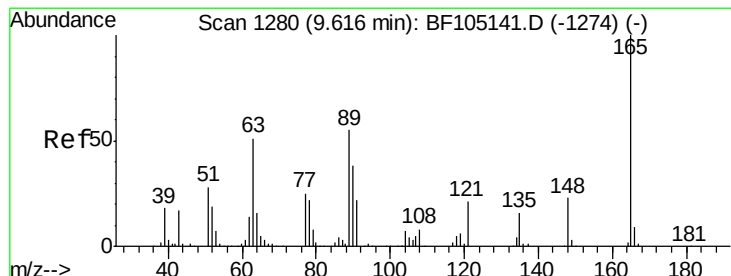


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

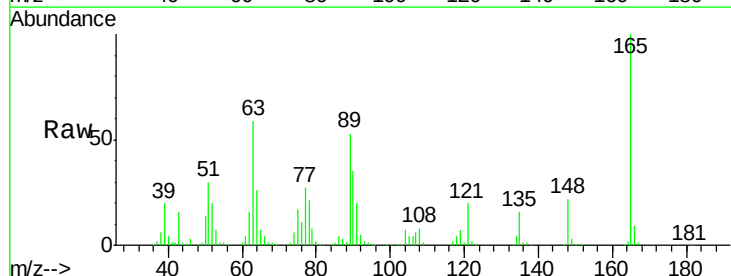
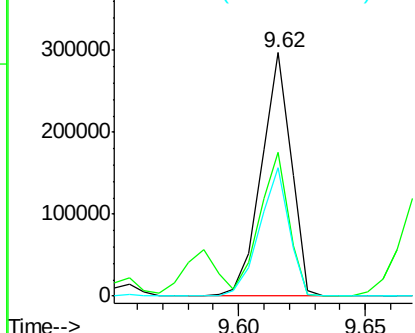


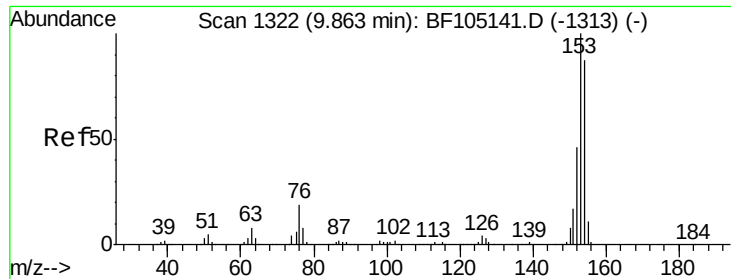
#50
2,6-Dinitrotoluene
Concen: 39.86 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:165 Resp: 243763
Ion Ratio Lower Upper
165 100
63 59.0 44.7 67.1
89 52.7 44.0 66.0



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





#51

Acenaphthene

Concen: 36.06 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

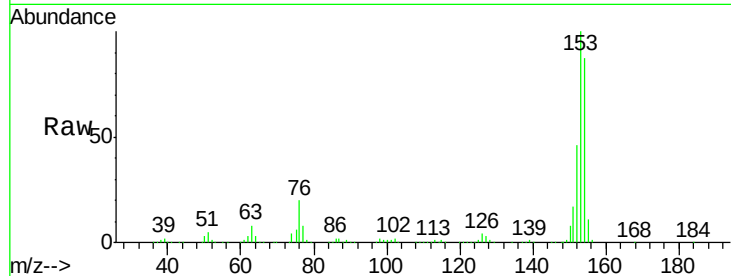
Tot Ion:154 Resp: 909885

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

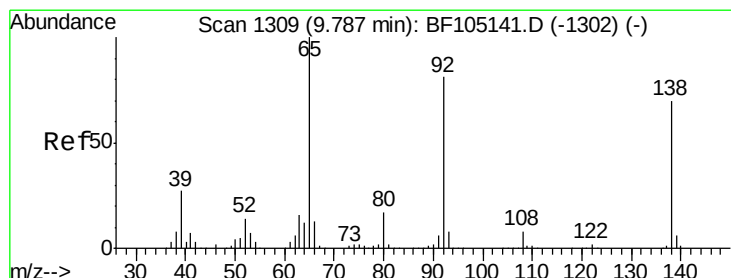
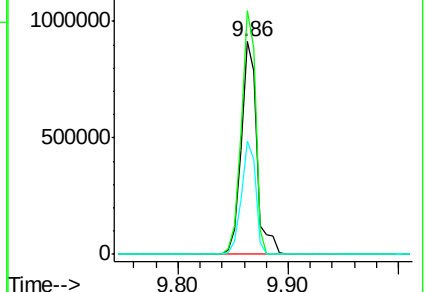
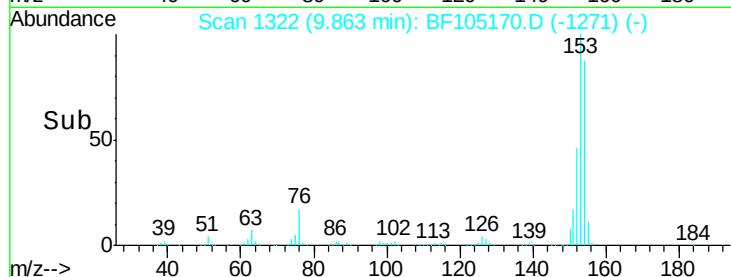
152 52.9 43.8 65.8



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: 40.18 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

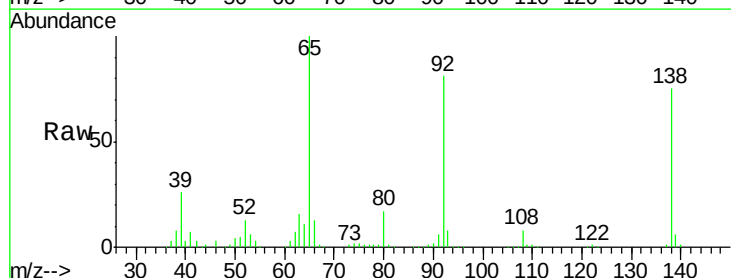
Tgt Ion:138 Resp: 258811

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

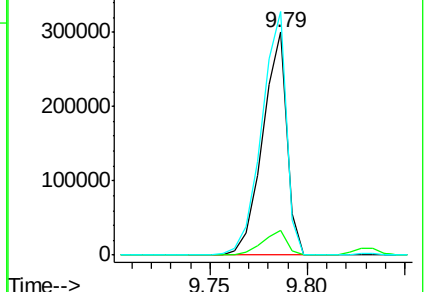
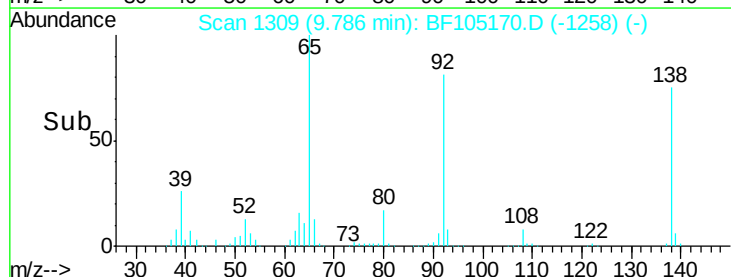
92 109.1 89.4 134.2

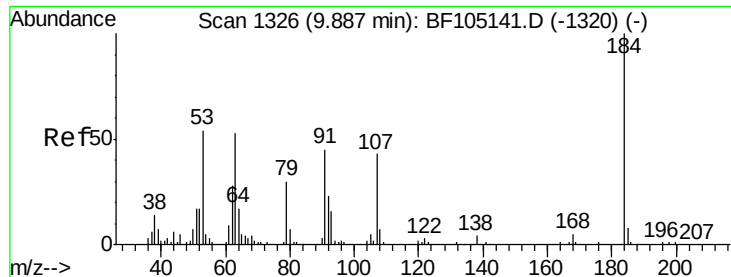


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

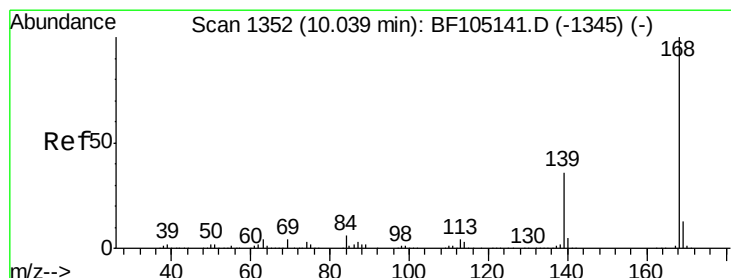
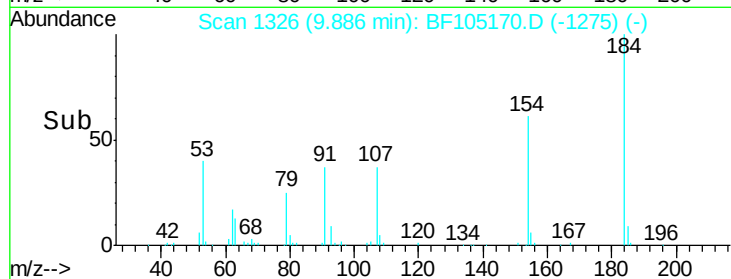
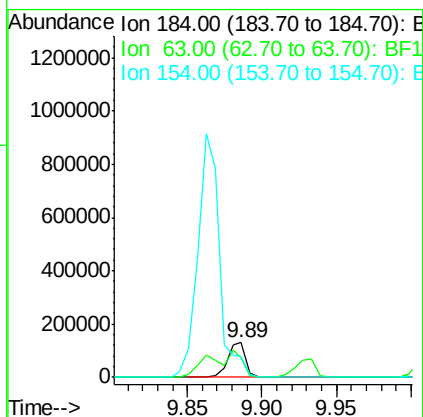
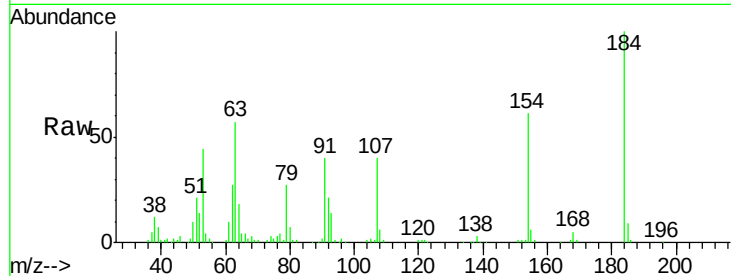




#53
 2,4-Dinitrophenol
 Concen: 53.59 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

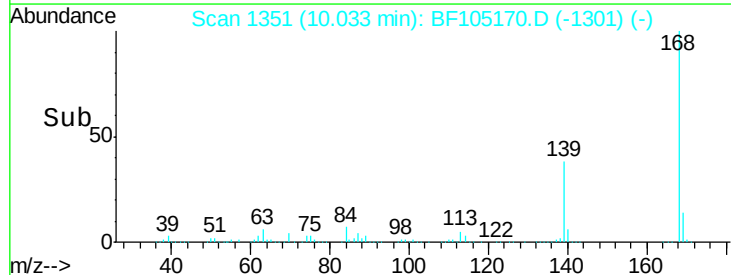
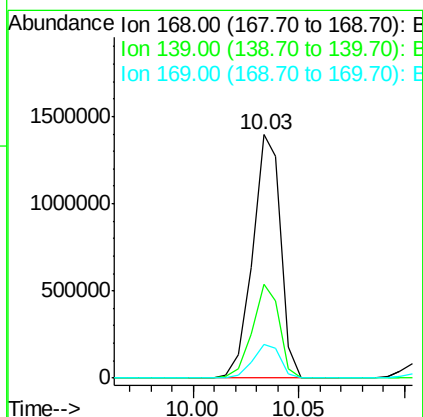
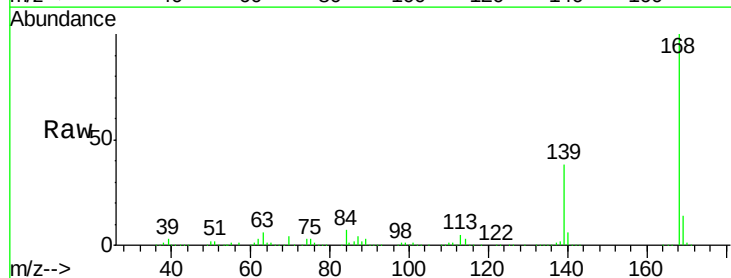
Instrument :
 BNA_F
 ClientSampled :

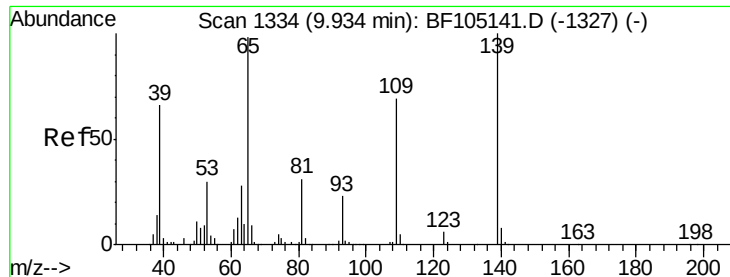
Tot Ion:184 Resp: 113621
 Ion Ratio Lower Upper
 184 100
 63 56.5 54.2 81.2
 154 60.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.75 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:168 Resp: 1282606
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 14.0 10.9 16.3

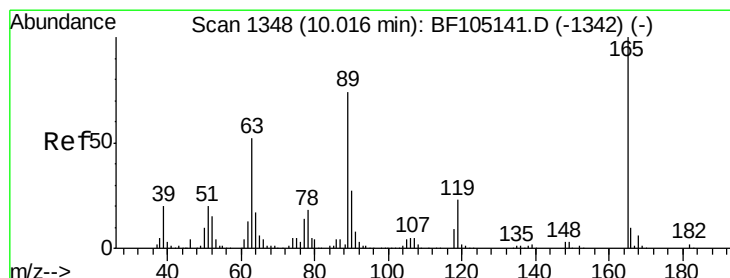
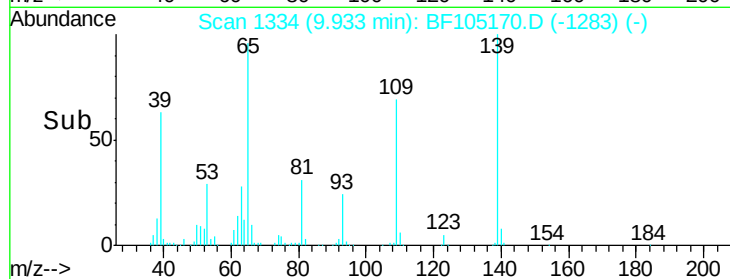
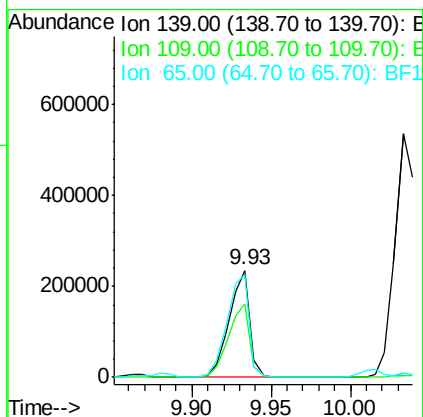
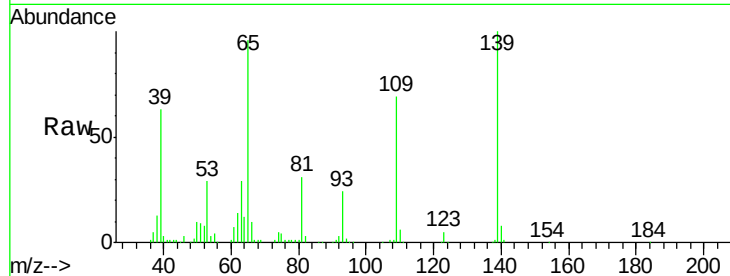




#55
4-Nitrophenol
Concen: 38.99 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

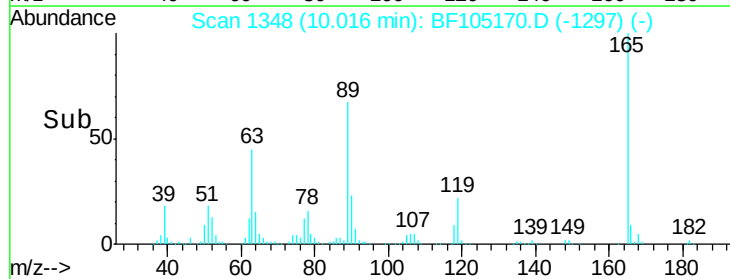
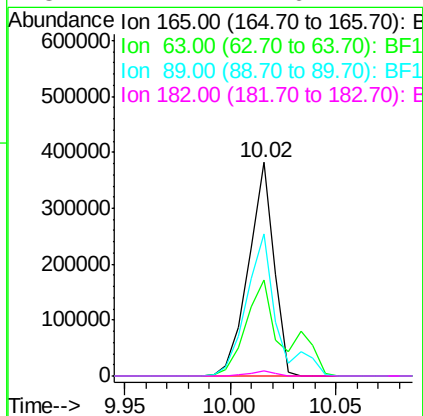
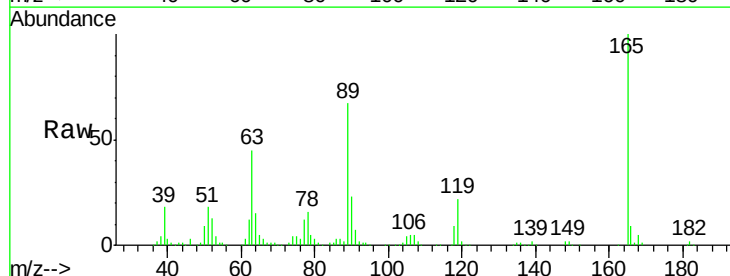
Instrument :
BNA_F
ClientSampled :

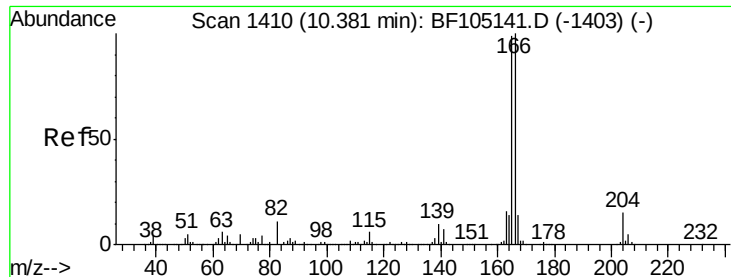
Tot Ion	Ratio	Lower	Upper
139	100		
109	68.8	48.4	88.4
65	96.4	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 40.10 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.4	54.6
89	66.6	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 33.98 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

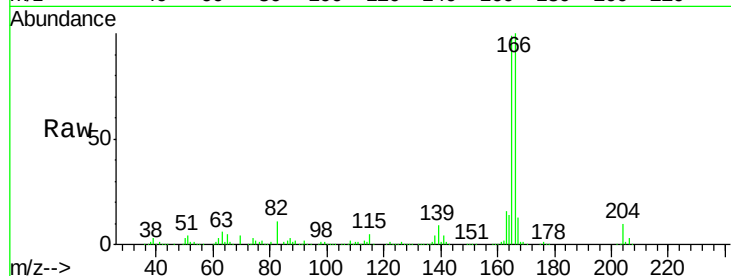
Tot Ion:166 Resp: 919850

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

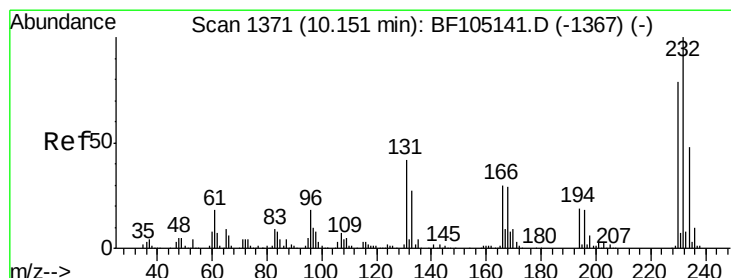
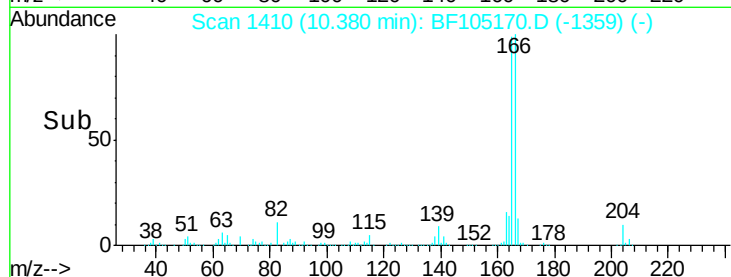
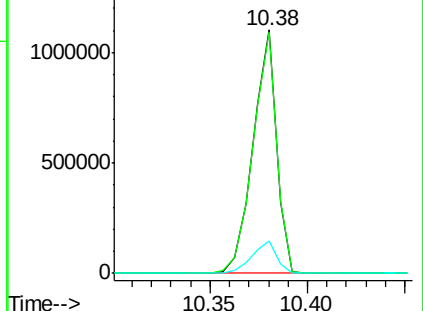
167 13.4 10.6 16.0



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: 38.09 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:232 Resp: 287159

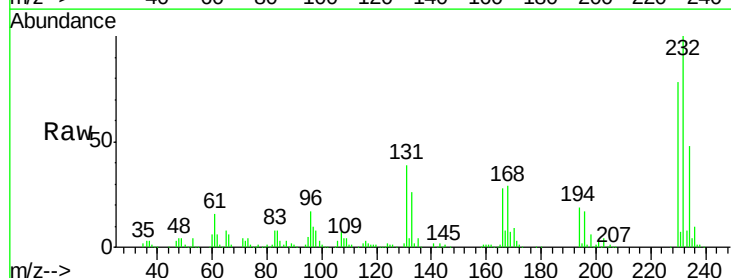
Ion Ratio Lower Upper

232 100

131 43.5 43.8 65.8#

130 2.1 2.1 3.1#

166 30.1 27.8 41.6

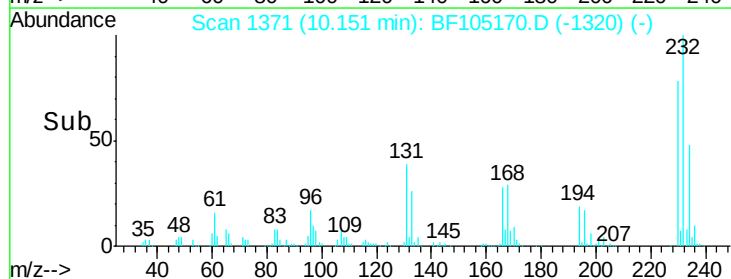
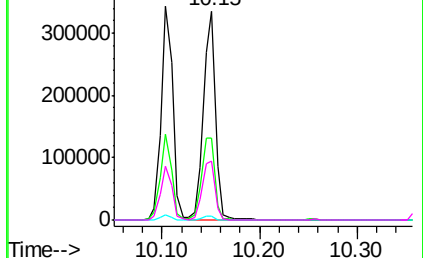


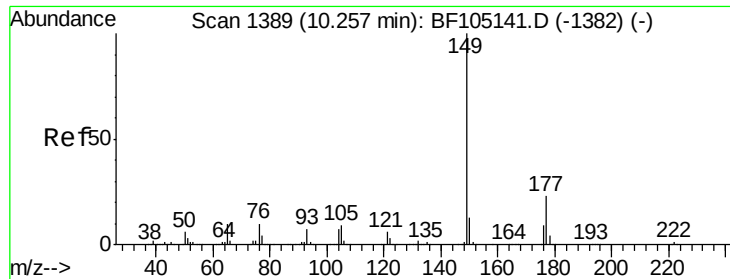
Abundance Ion 232.00 (231.70 to 232.70): E

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

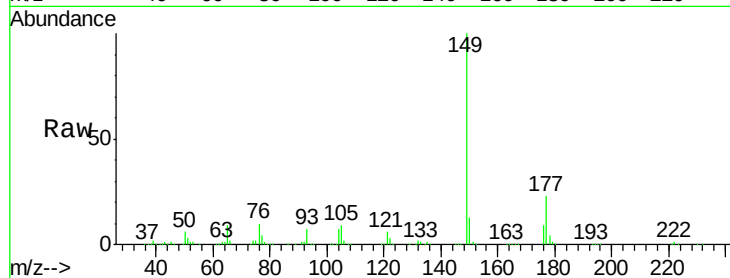




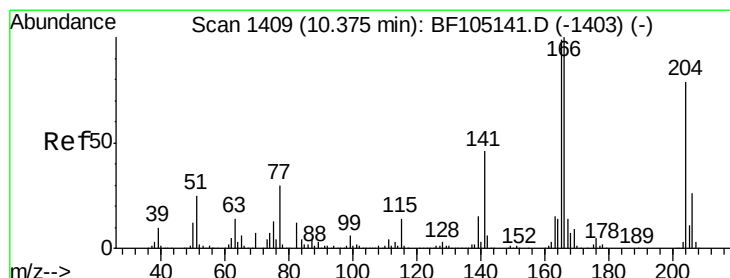
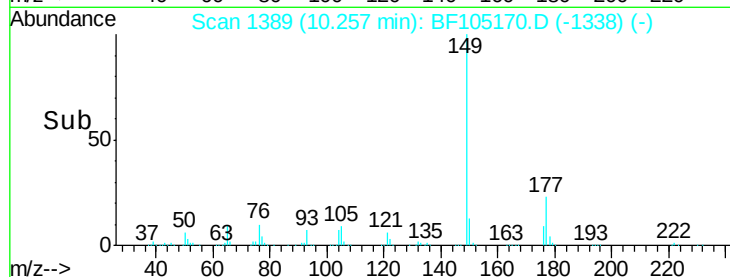
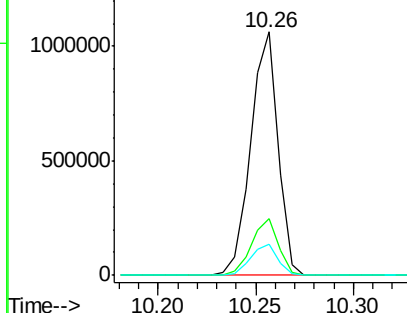
#59
Diethylphthalate
Concen: 37.13 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1028518
Ion Ratio Lower Upper
149 100
177 23.5 16.1 24.1
150 12.6 10.1 15.1

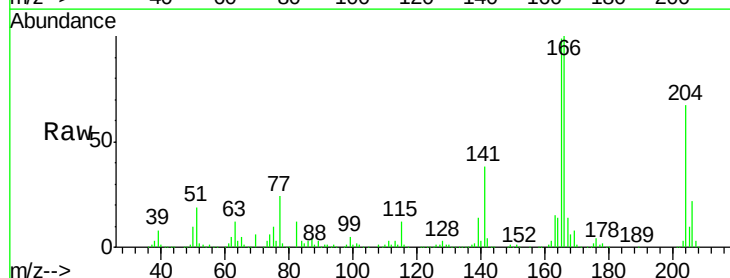


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

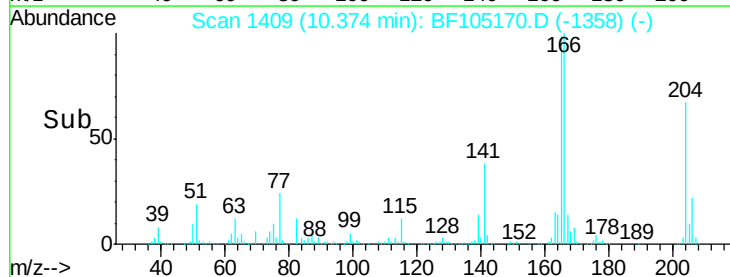
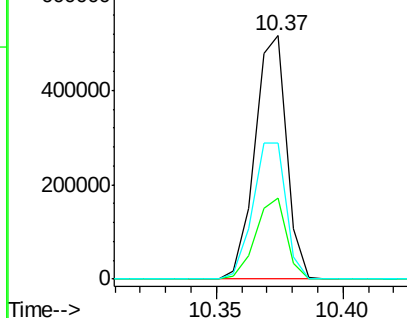


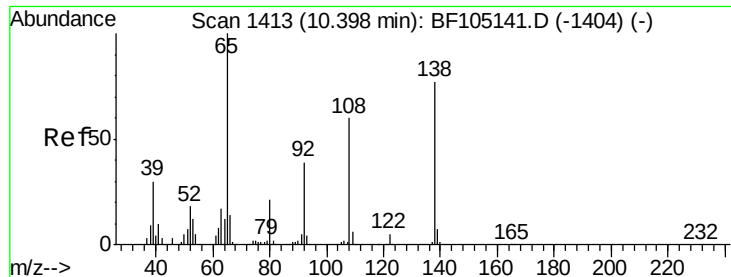
#60
4-Chlorophenyl-phenylether
Concen: 35.71 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:204 Resp: 449939
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.0 54.6 81.8



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

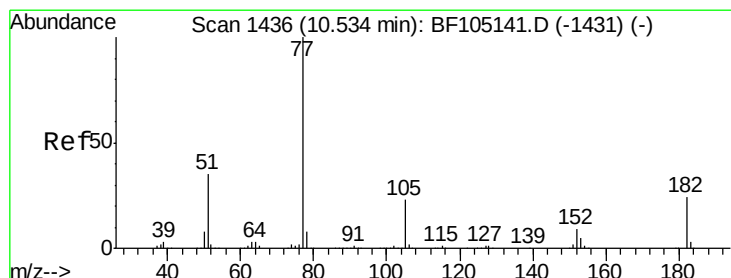
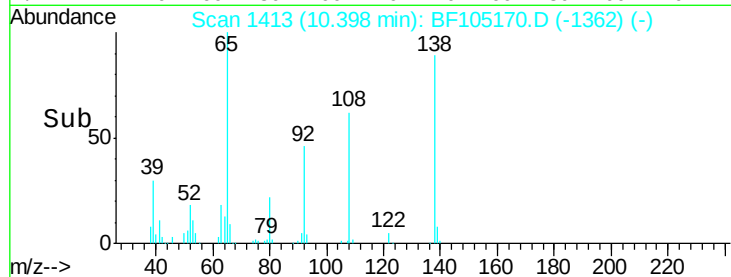
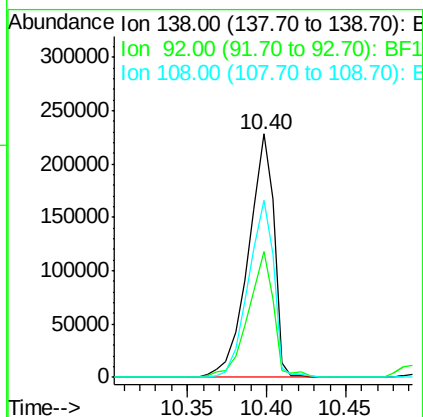
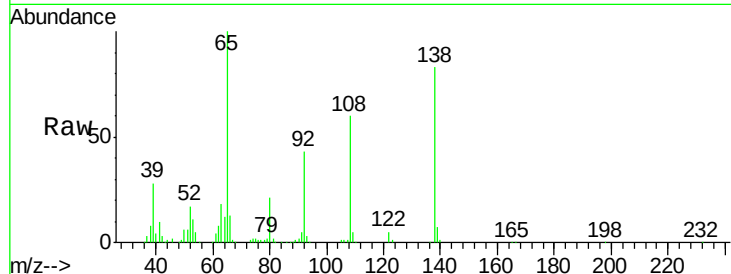




#61
4-Nitroaniline
Concen: 40.20 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

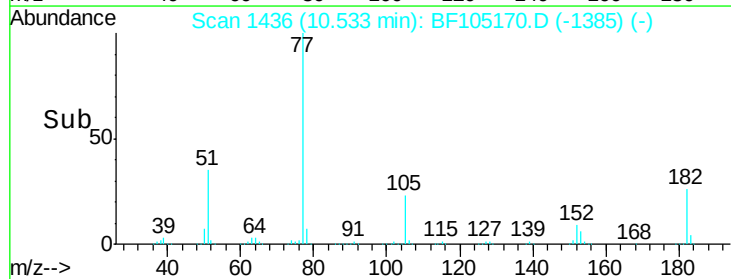
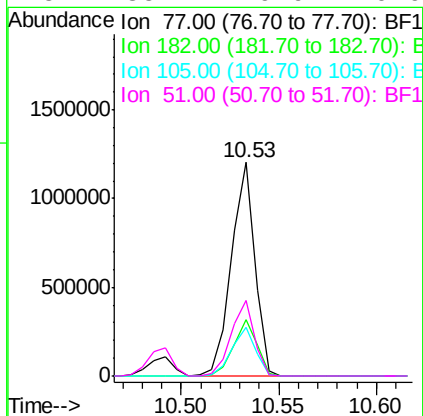
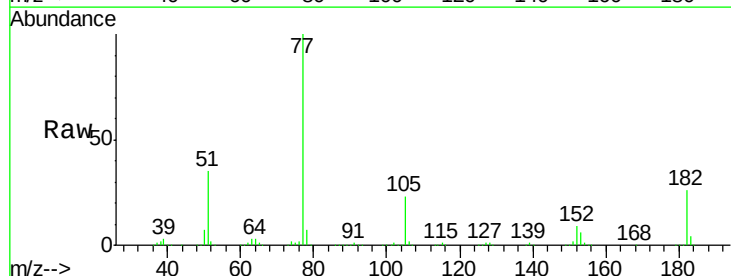
Instrument :
BNA_F
ClientSampleId :

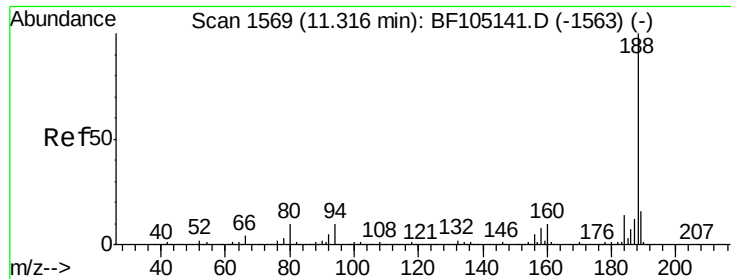
Tot Ion:138 Resp: 257678
Ion Ratio Lower Upper
138 100
92 51.7 30.2 70.2
108 72.6 52.5 92.5



#62
Azobenzene
Concen: 34.84 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 77 Resp: 1006622
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 22.8 3.0 43.0
51 35.4 9.9 49.9

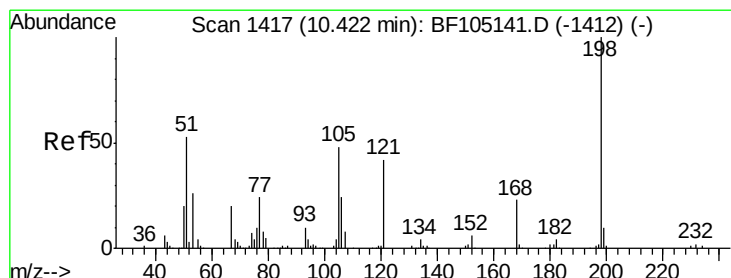
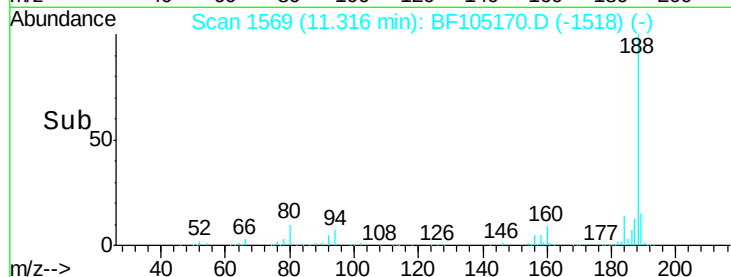
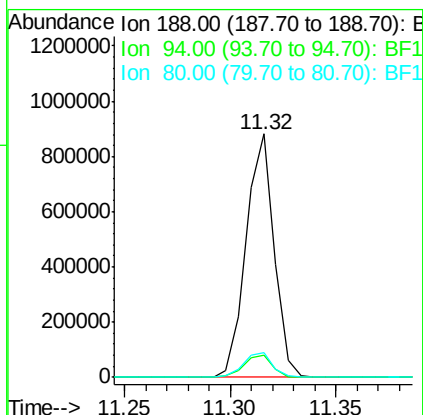
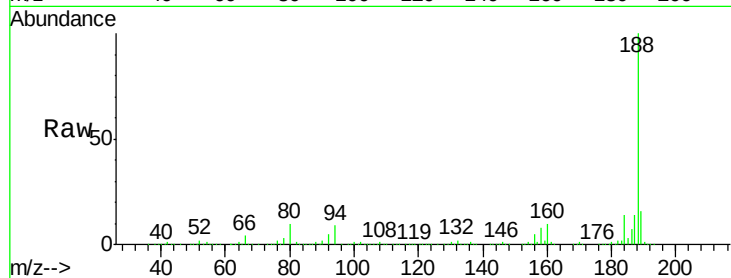




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

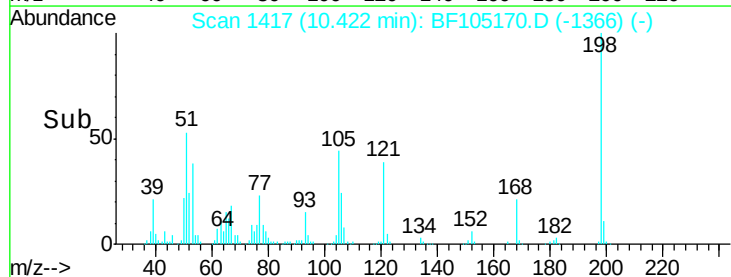
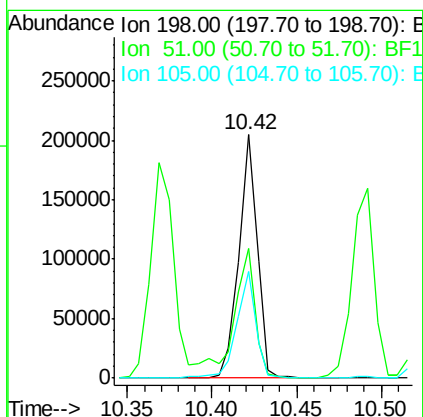
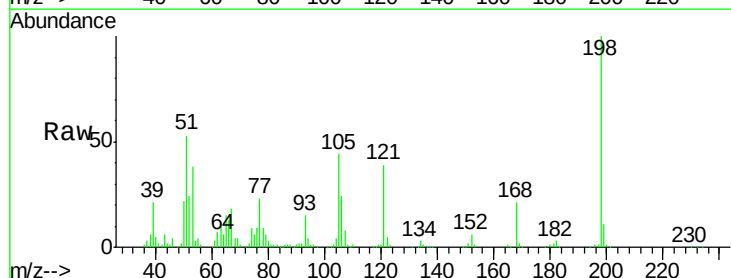
Instrument :
BNA_F
ClientSampled :

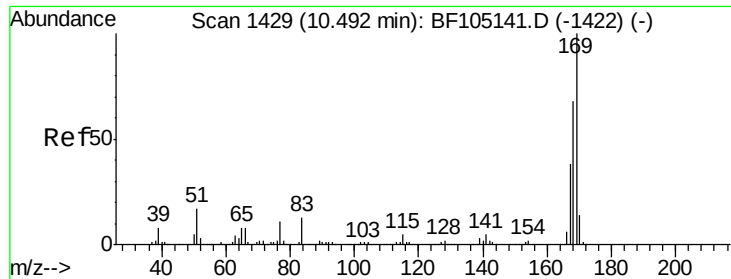
Tot Ion:188 Resp: 809338
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 50.06 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:198 Resp: 155732
Ion Ratio Lower Upper
198 100
51 53.2 37.7 77.7
105 43.9 36.3 76.3

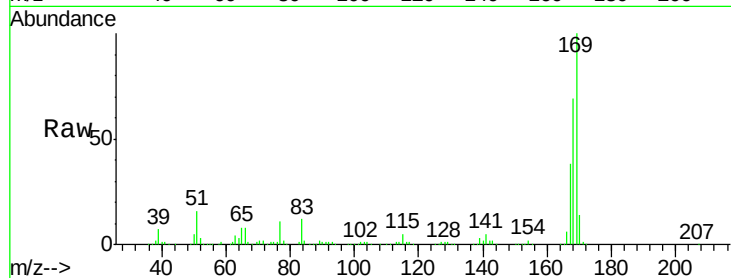




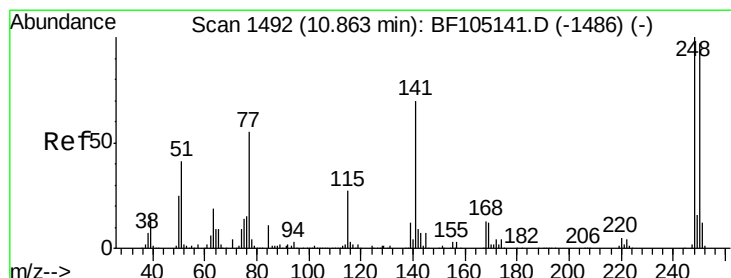
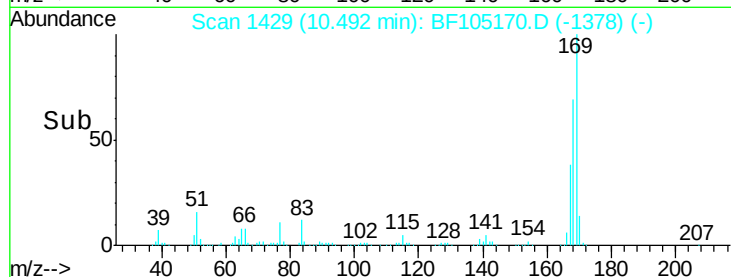
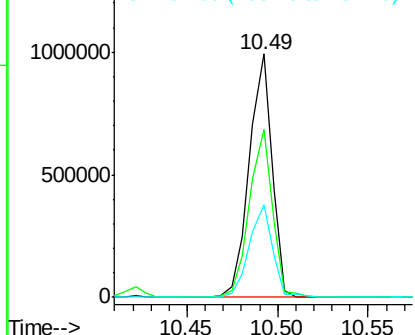
#65
 n-Nitrosodiphenylamine
 Concen: 34.57 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	54.4	81.6
167	37.8	29.8	44.6

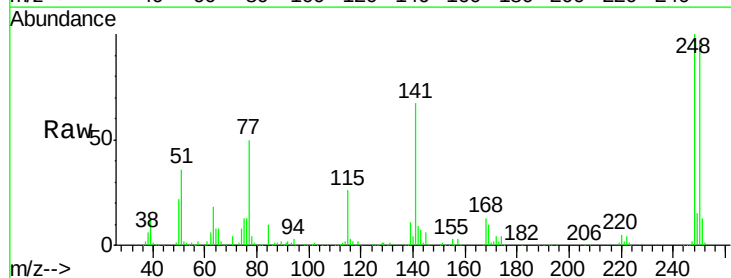


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

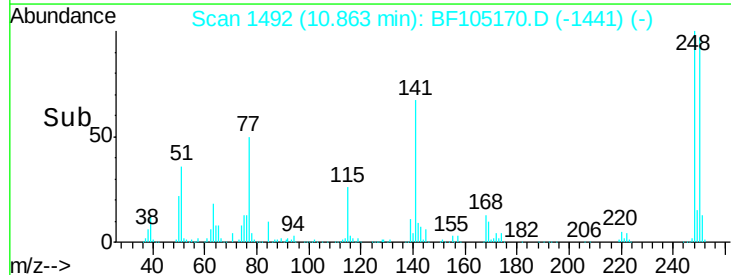
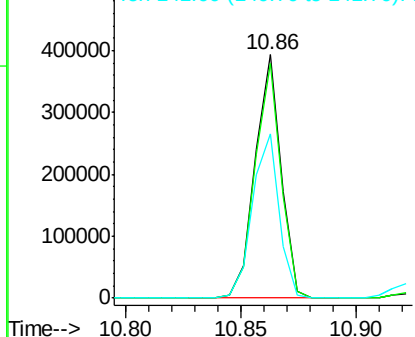


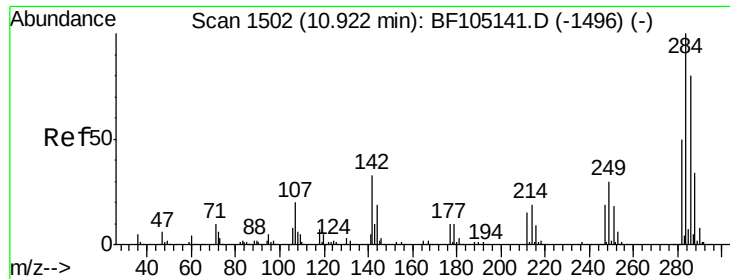
#66
 4-Bromophenyl-phenylether
 Concen: 35.72 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	67.3	74.4	111.6#



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





#67

Hexachlorobenzene

Concen: 35.43 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

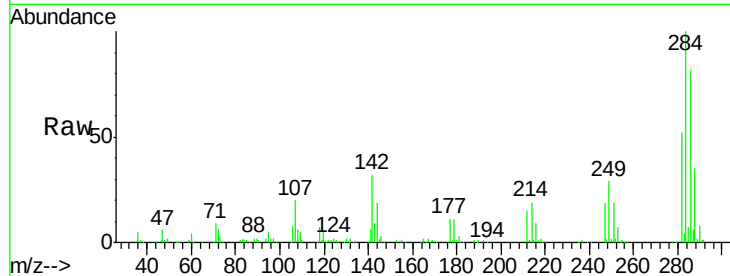
Tot Ion:284 Resp: 352330

Ion Ratio Lower Upper

284 100

142 31.9 34.6 52.0#

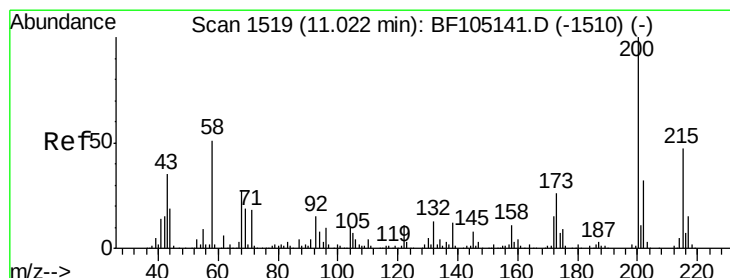
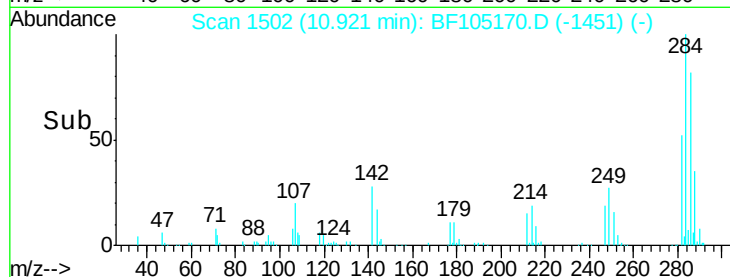
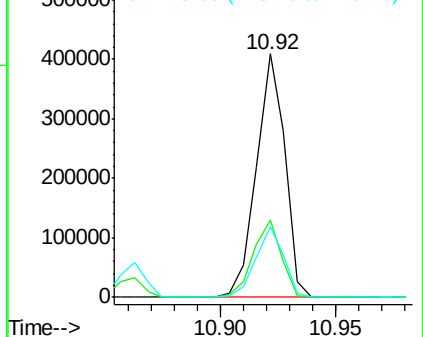
249 29.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.15 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

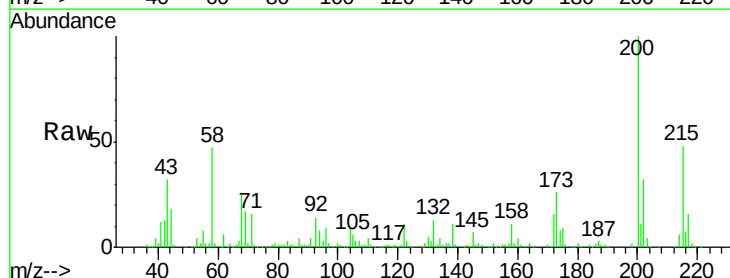
Tgt Ion:200 Resp: 285838

Ion Ratio Lower Upper

200 100

173 26.0 8.6 48.6

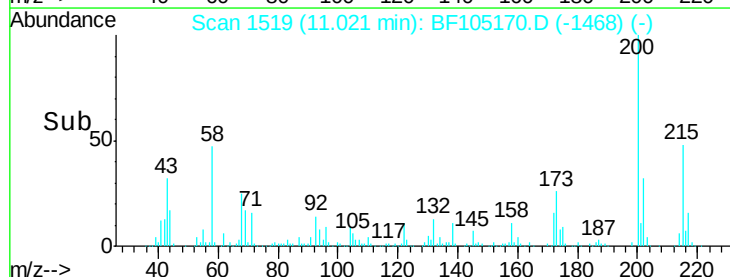
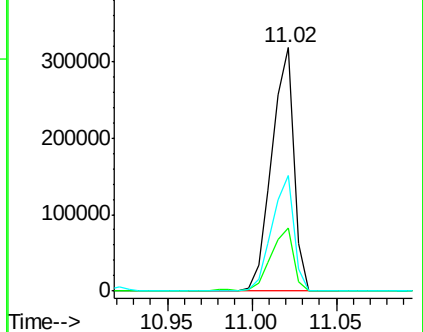
215 47.7 25.1 65.1

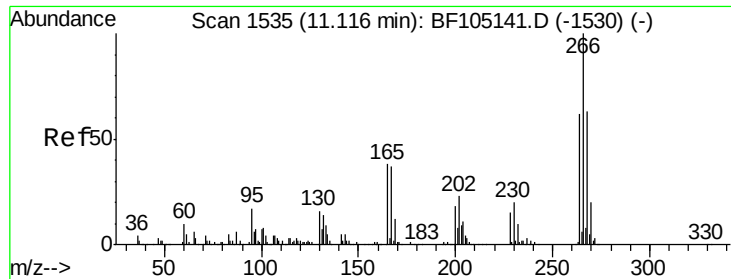


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

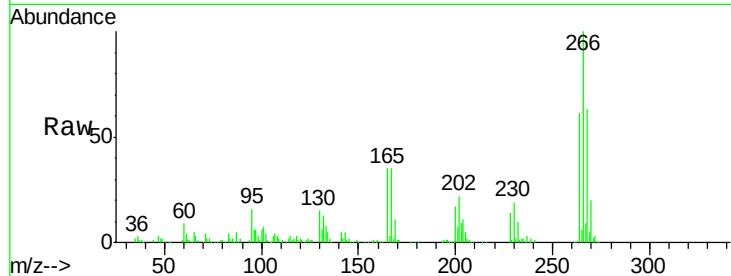




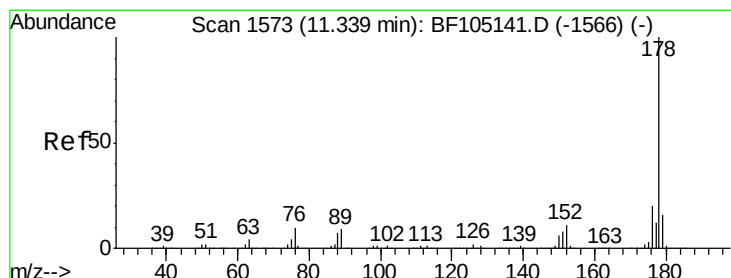
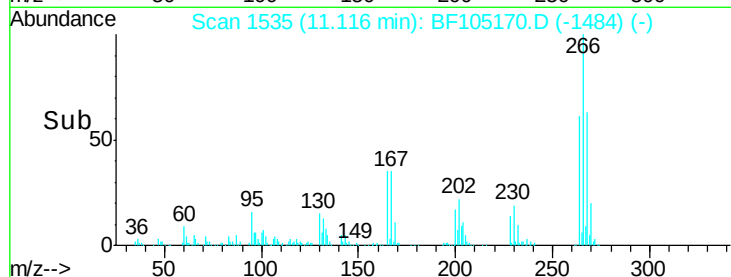
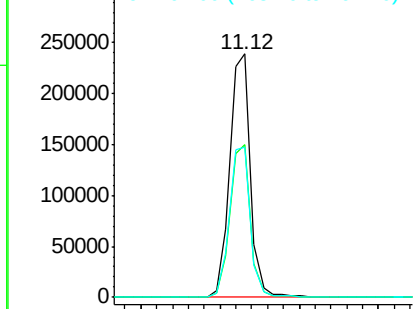
#69
 Pentachlorophenol
 Concen: 38.63 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 216608
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 61.5 49.5 74.3

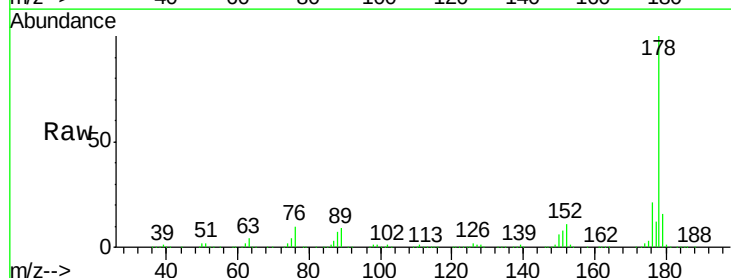


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

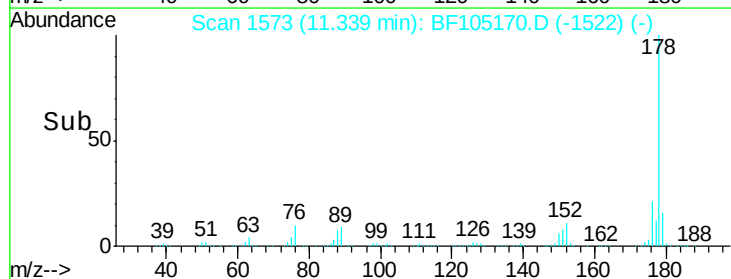
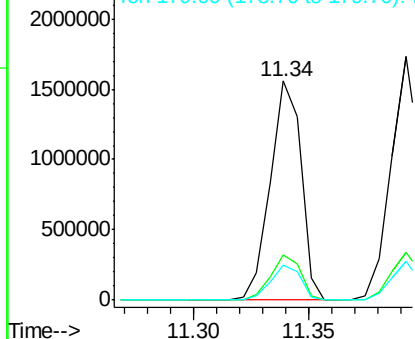


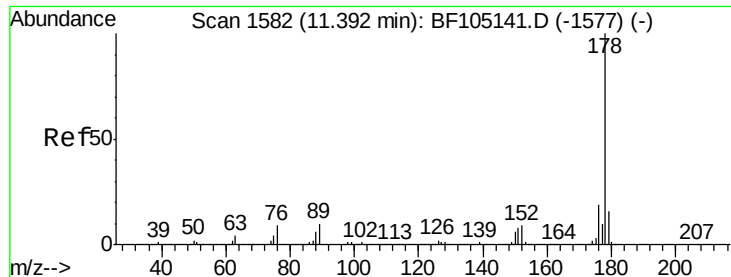
#70
 Phenanthrene
 Concen: 33.84 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:178 Resp: 1443808
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 15.9 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



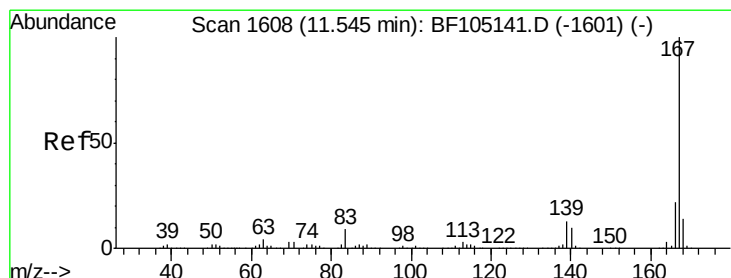
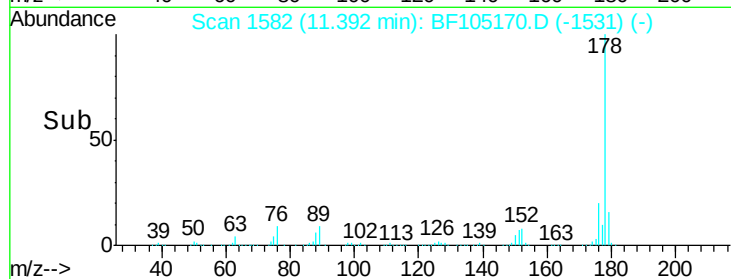
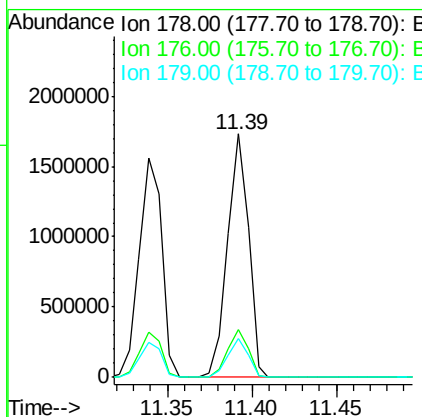
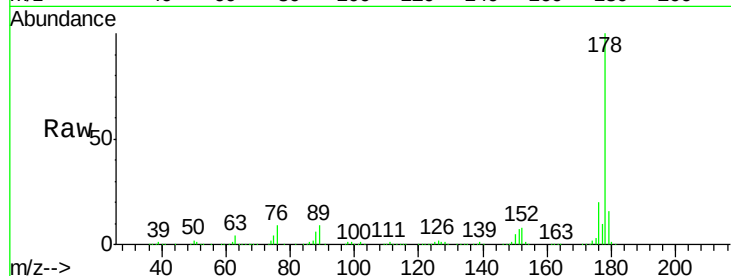


#71
 Anthracene
 Concen: 34.59 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1499814

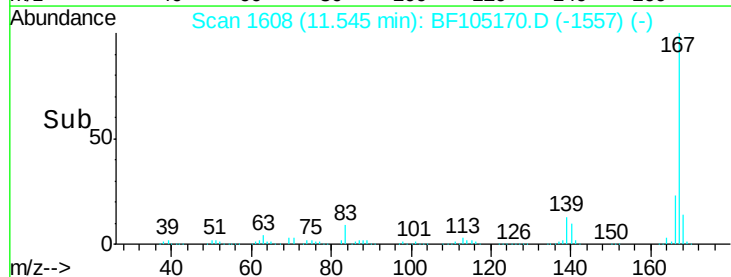
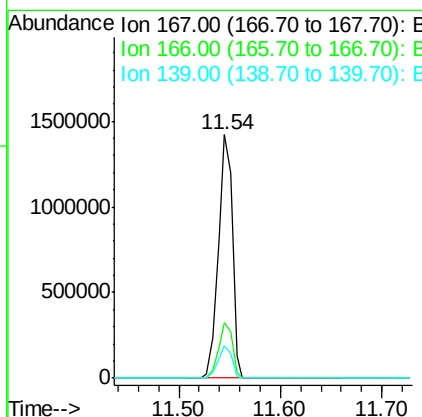
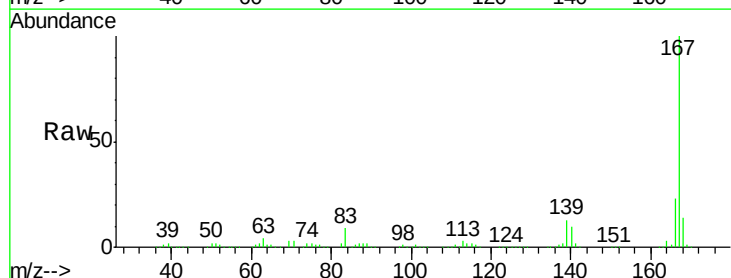
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.9	12.6	19.0

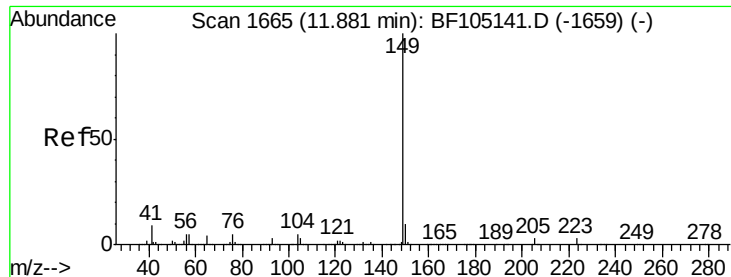


#72
 Carbazole
 Concen: 34.83 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:167 Resp: 1360611

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.06 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

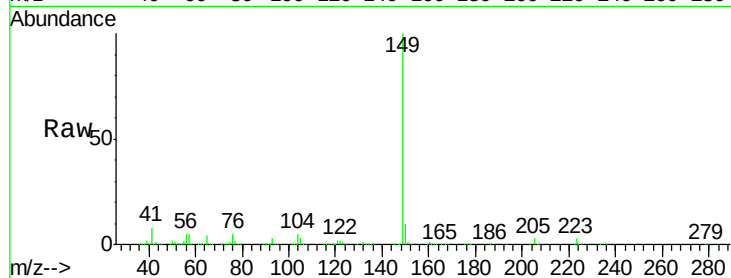
Tot Ion:149 Resp: 1548412

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

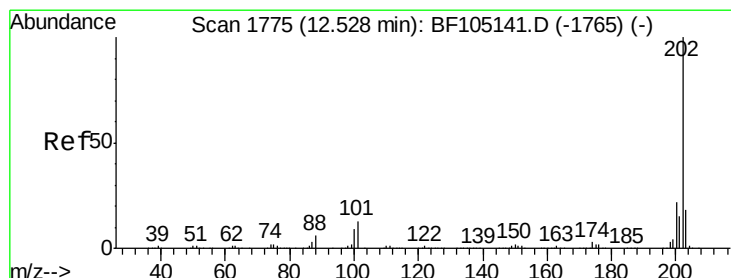
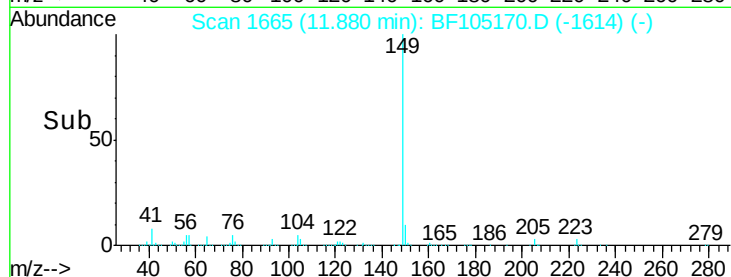
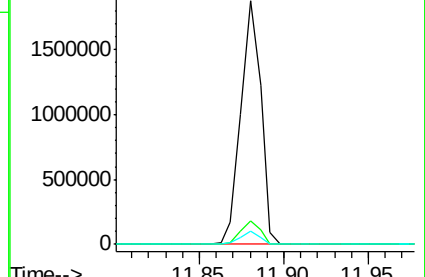
104 5.2 3.8 5.8



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: 35.64 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

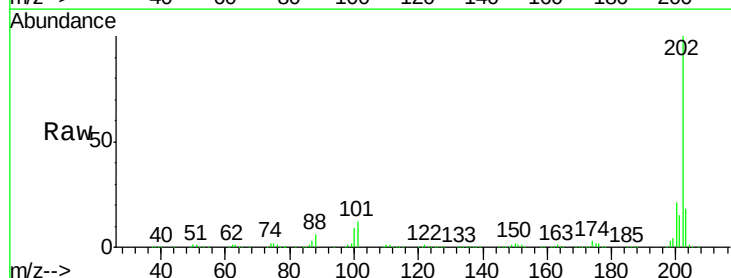
Tgt Ion:202 Resp: 1584629

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

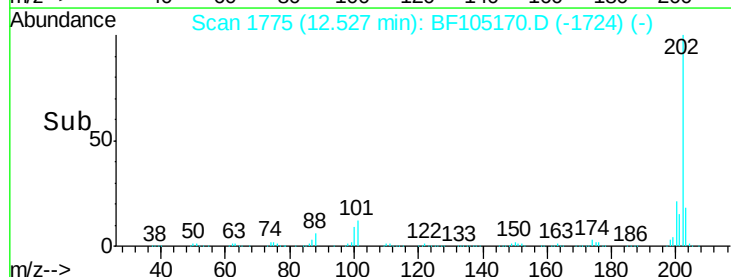
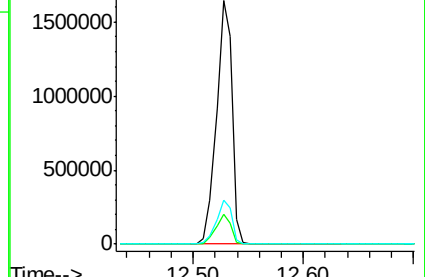
203 18.1 0.0 38.1

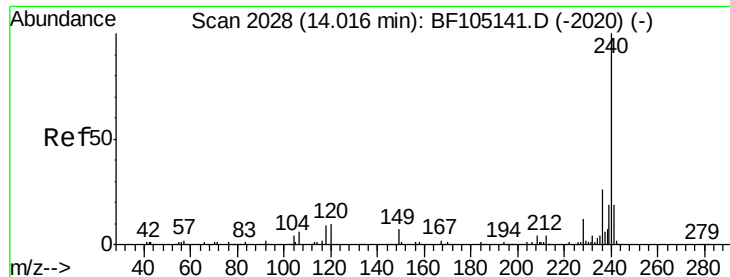


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

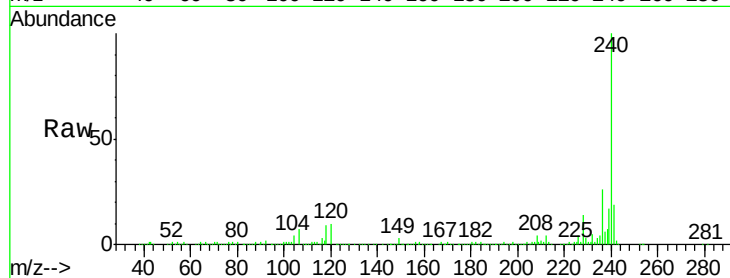
Tot Ion:240 Resp: 630384

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

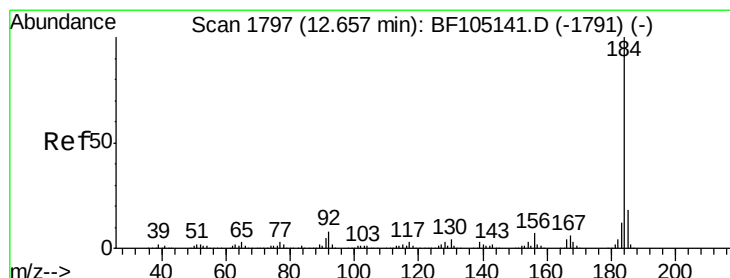
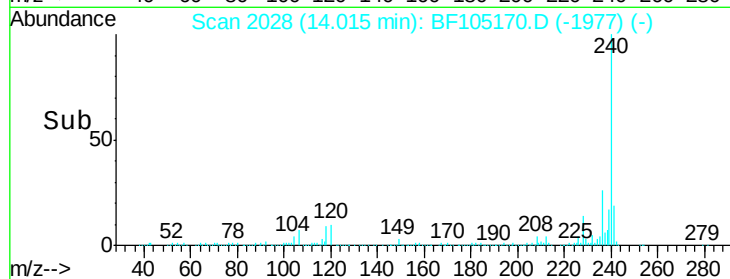
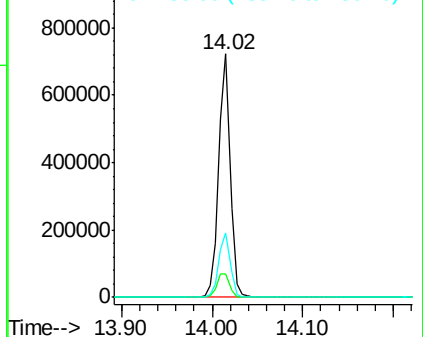
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.85 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

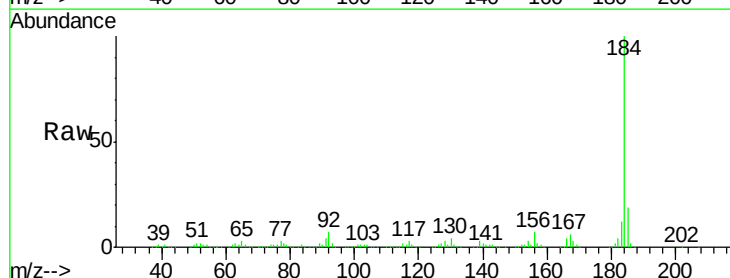
Tgt Ion:184 Resp: 820299

Ion Ratio Lower Upper

184 100

185 18.7 12.6 18.8

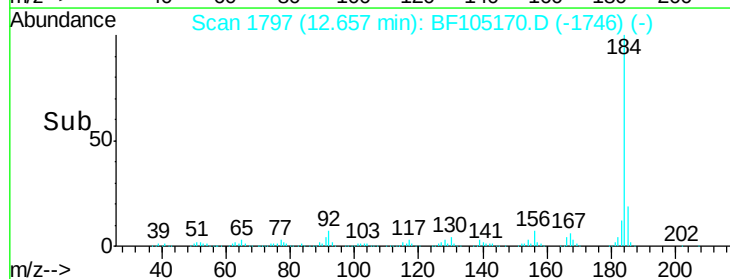
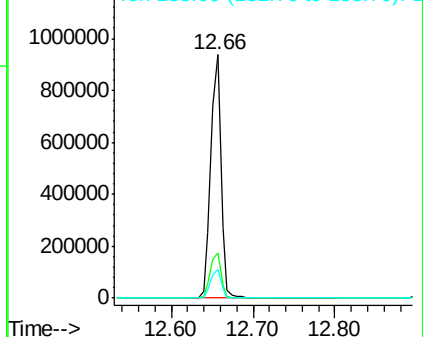
183 12.0 9.3 13.9

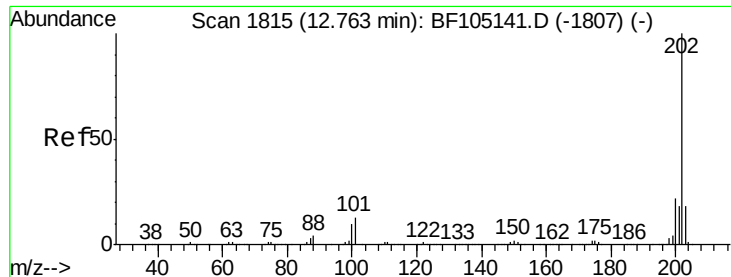


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.85 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

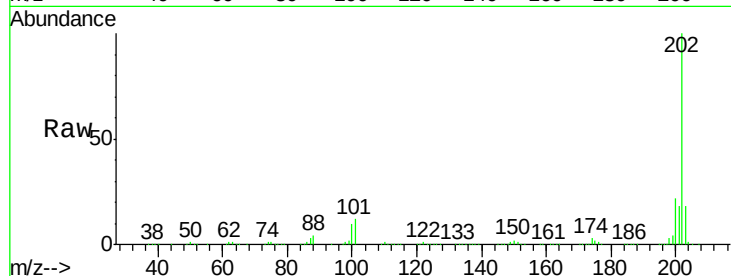
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1598010

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.8	14.3	21.5

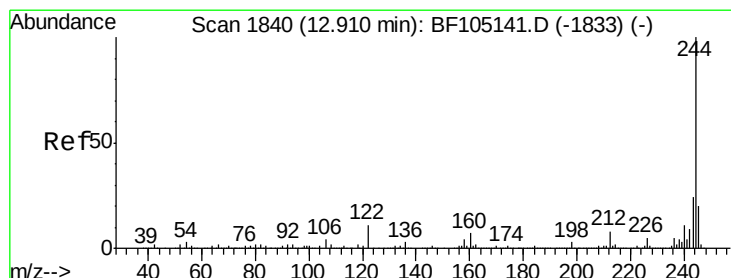
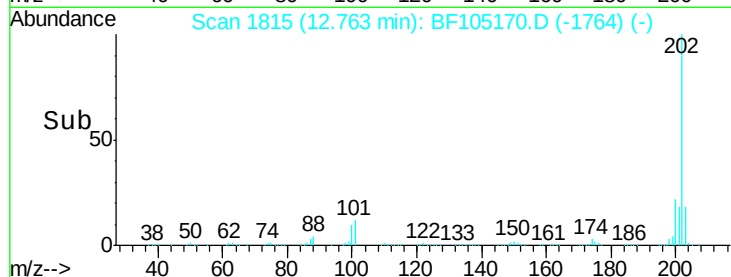
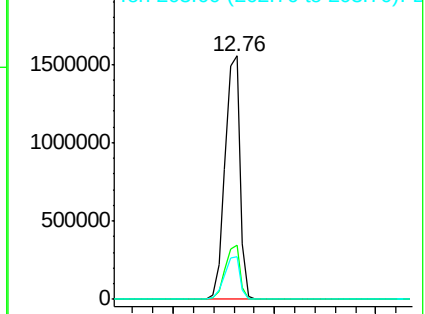


Abundance

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: 67.82 ng

RT: 12.91 min Scan# 1840

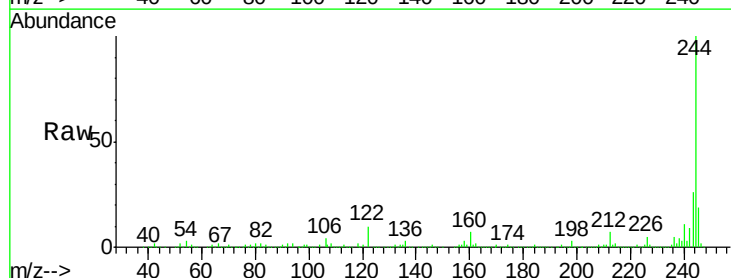
Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:244 Resp: 1840382

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.5	11.0	16.4

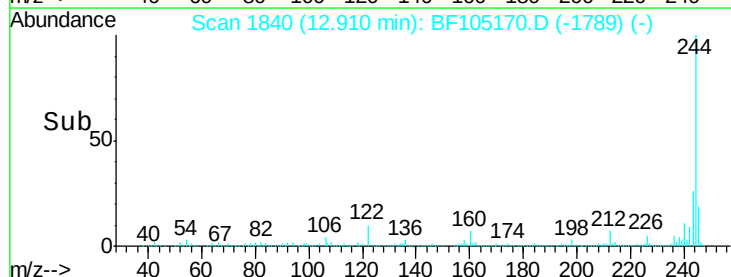
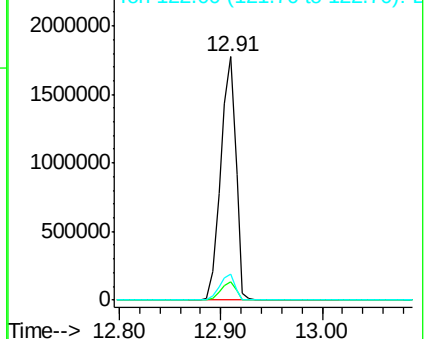


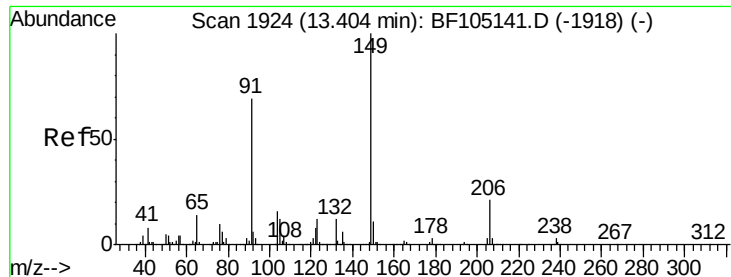
Abundance

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

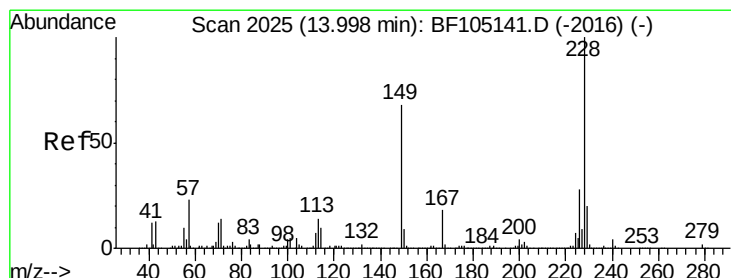
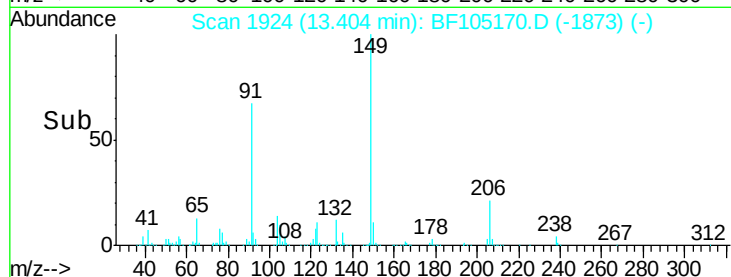
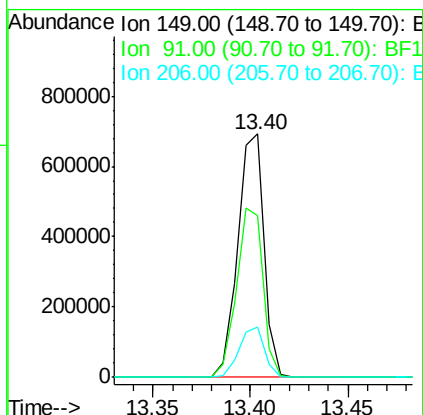
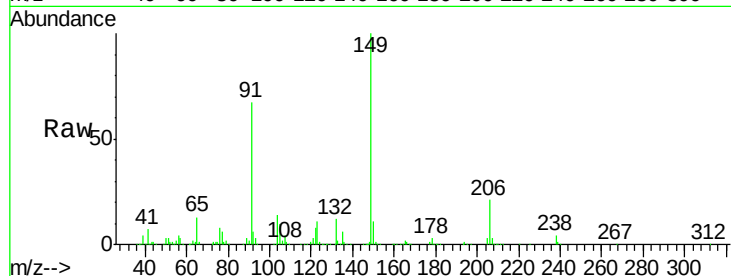




#79
Butylbenzylphthalate
Concen: 40.17 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

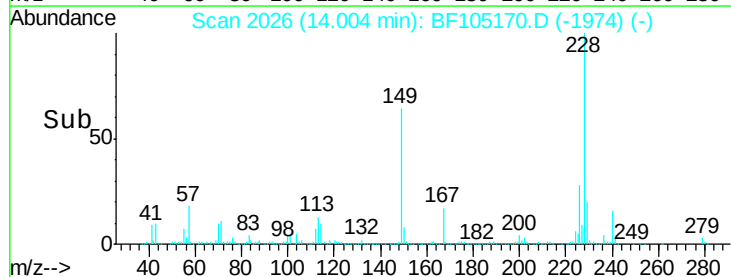
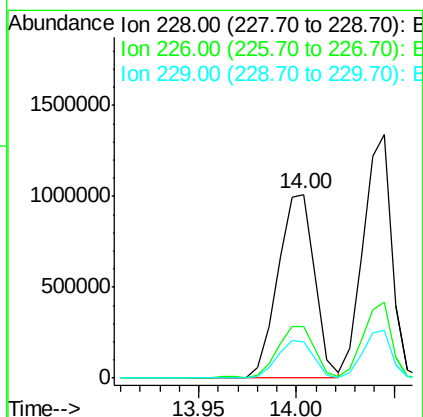
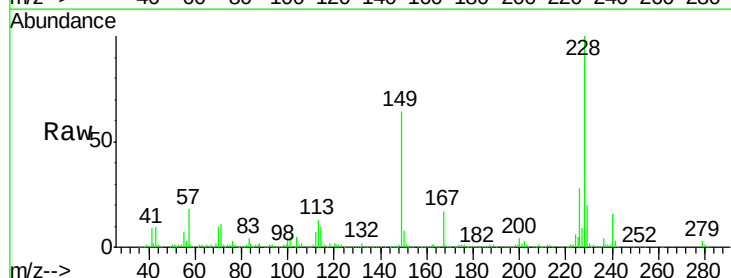
Instrument :
BNA_F
ClientSampleId :

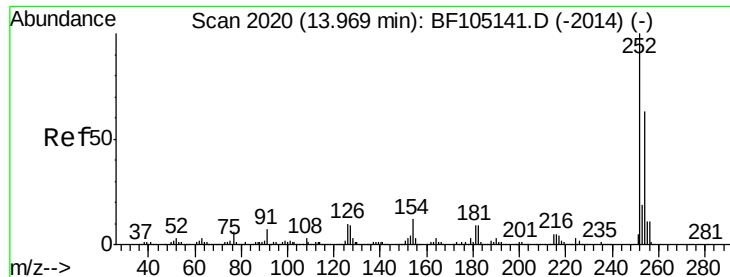
Tot Ion:149 Resp: 643889
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 20.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.30 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:228 Resp: 1311167
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 15.8 23.6

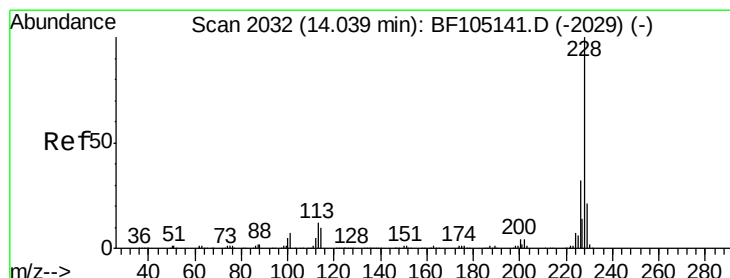
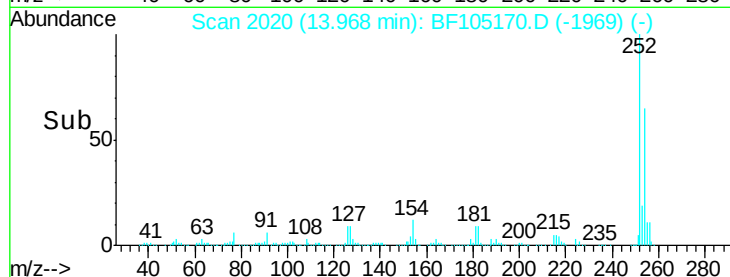
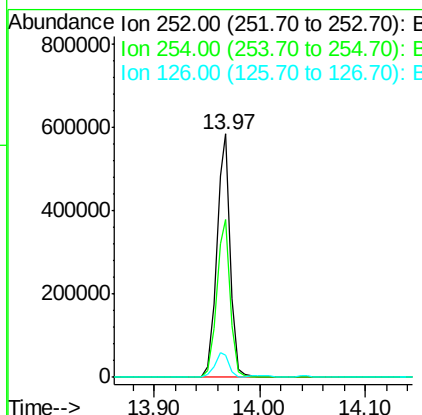
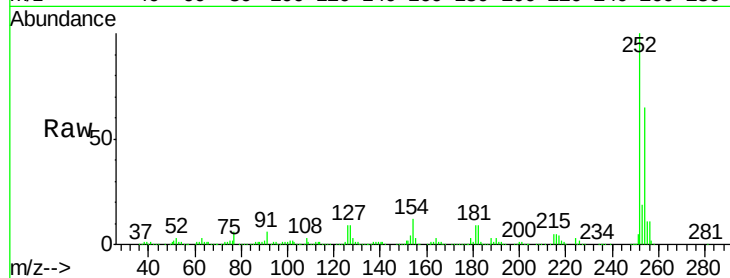




#81
 3,3'-Dichlorobenzidine
 Concen: 36.85 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

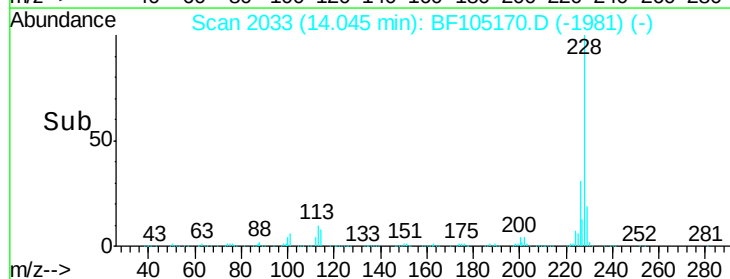
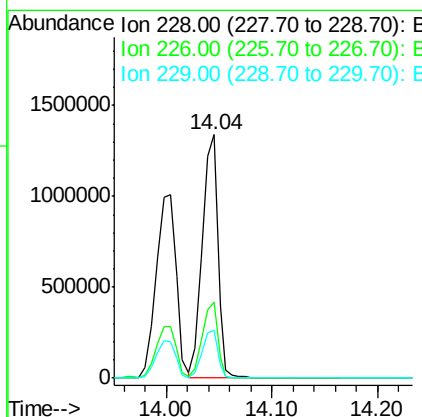
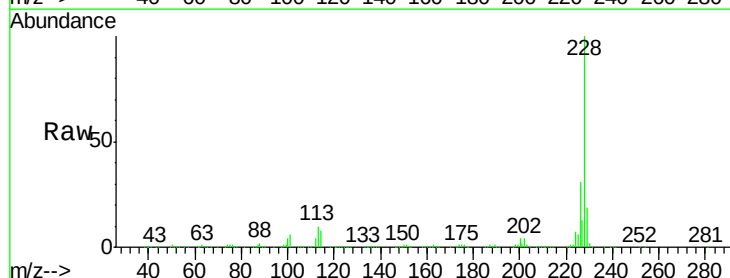
Instrument :
 BNA_F
 ClientSampleId :

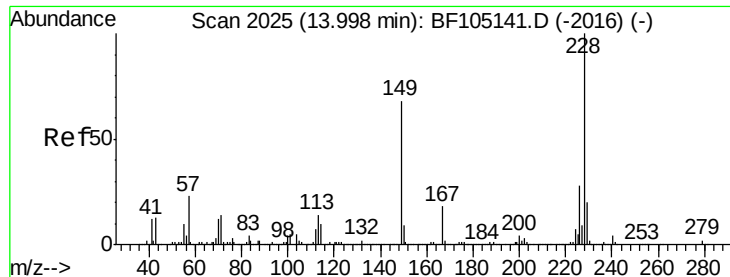
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	9.3	11.3	16.9#



#82
 Chrysene
 Concen: 34.66 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.08 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

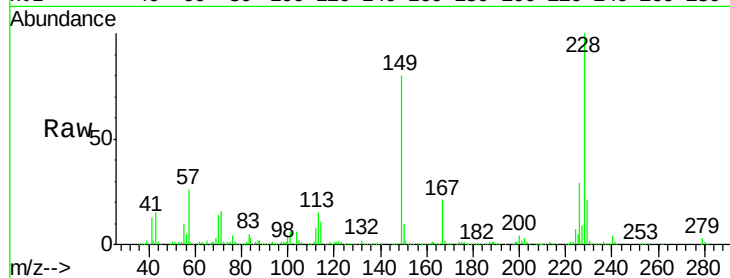
Tot Ion:149 Resp: 778813

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

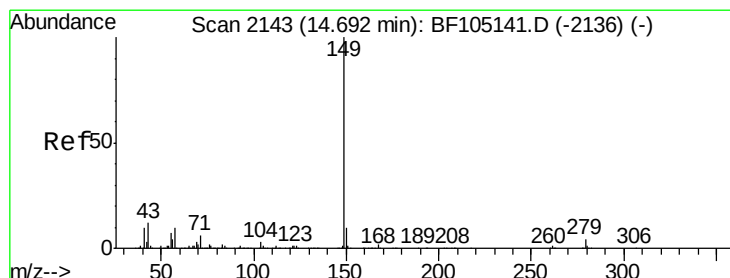
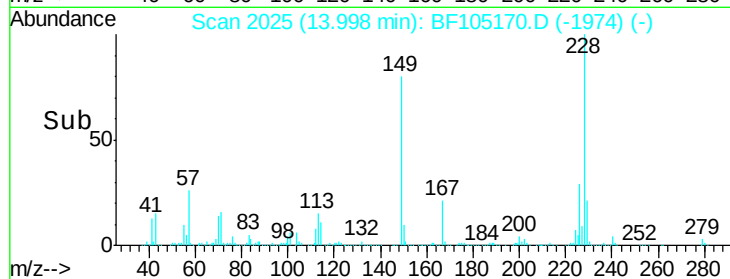
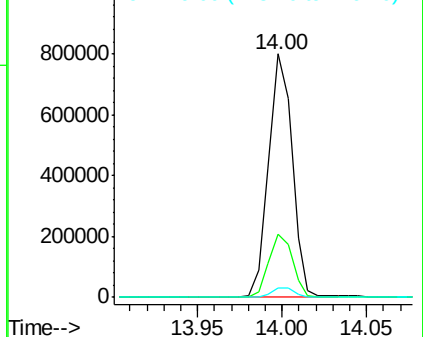
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.55 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

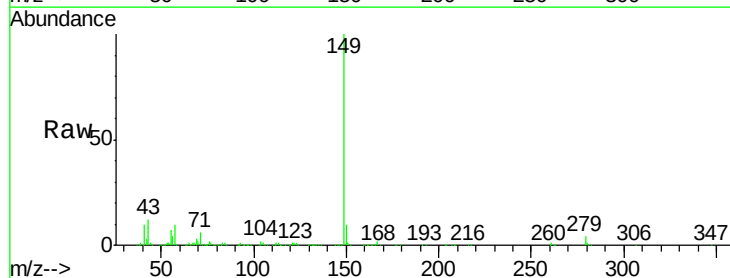
Tgt Ion:149 Resp: 1401629

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

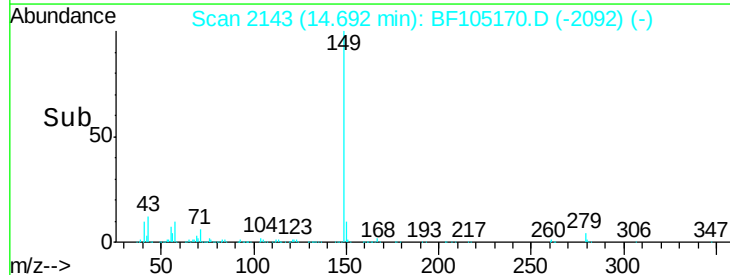
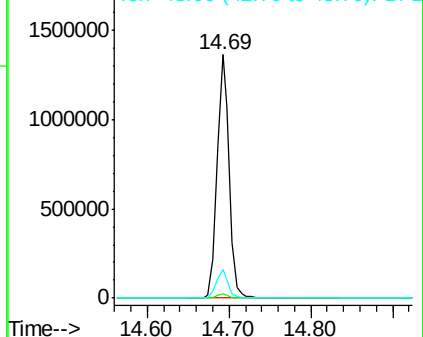
43 11.5 8.4 12.6

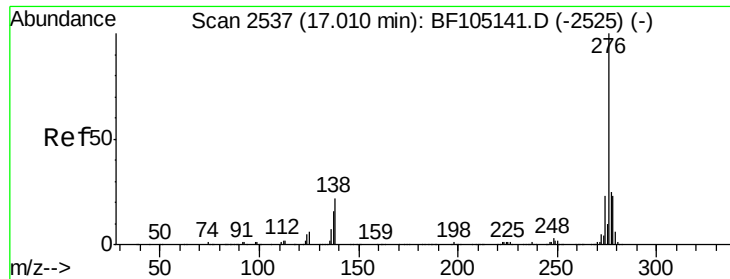


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



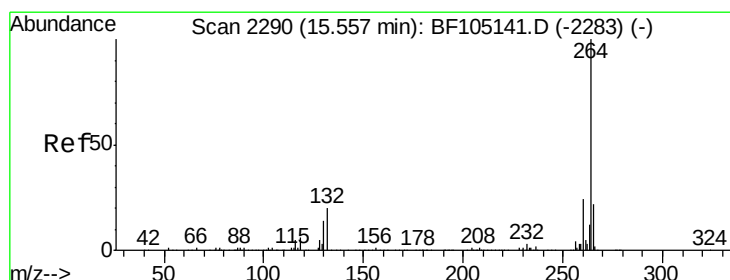
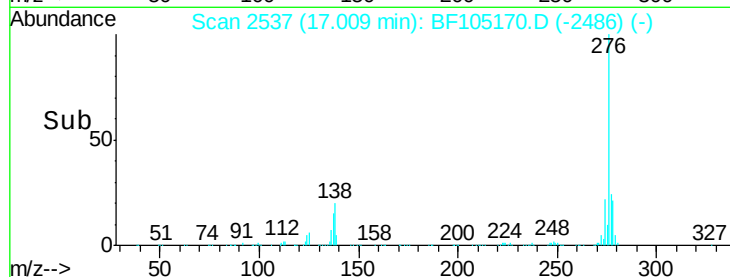
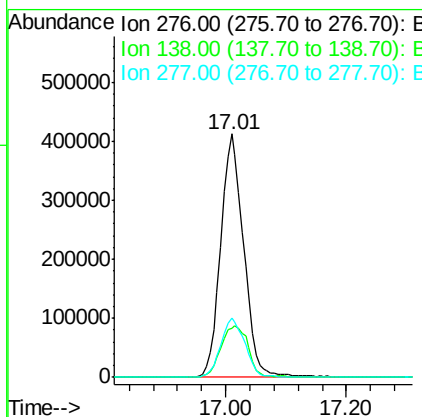
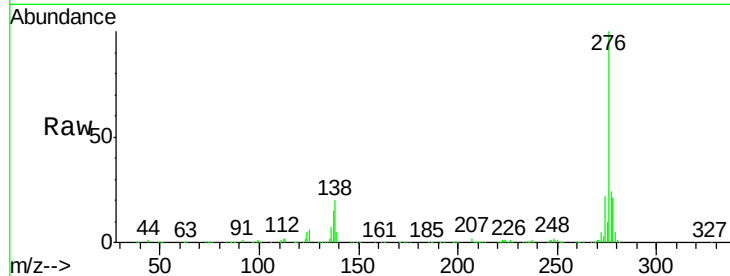


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.09 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1094950

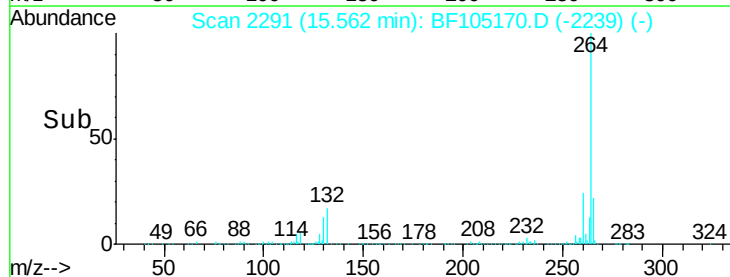
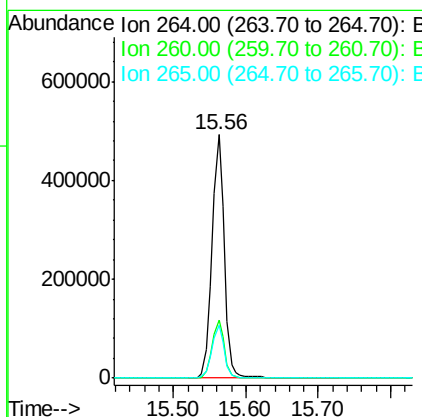
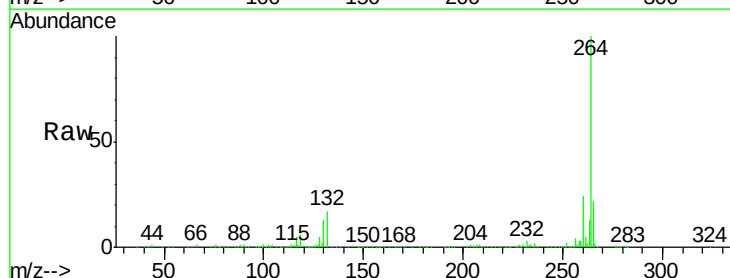
Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	25.4	20.1	30.1

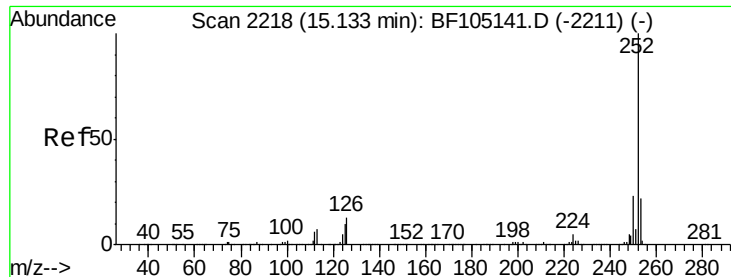


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:264 Resp: 584279

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

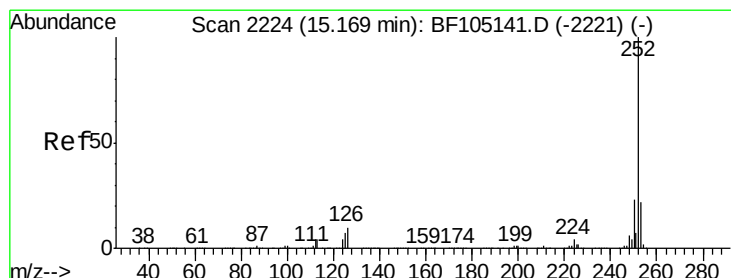
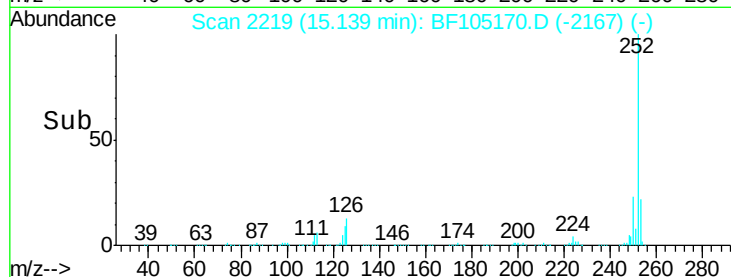
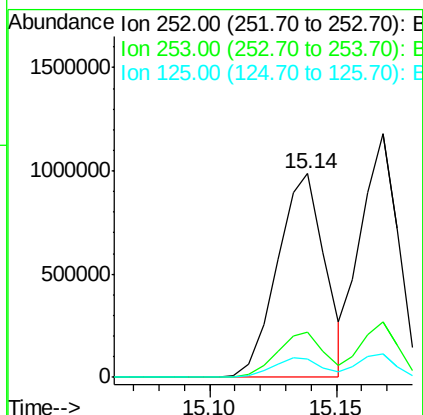
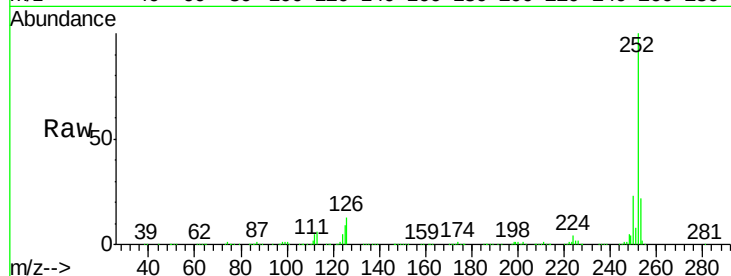




#87
Benzo(b)fluoranthene
Concen: 36.13 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

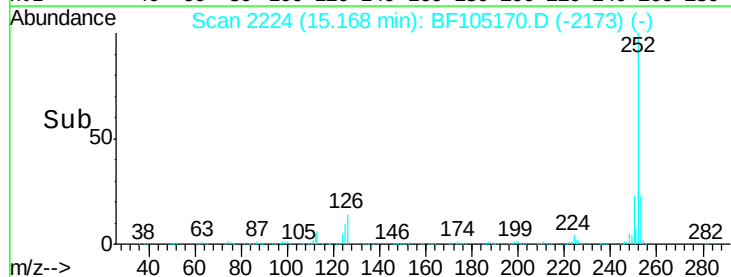
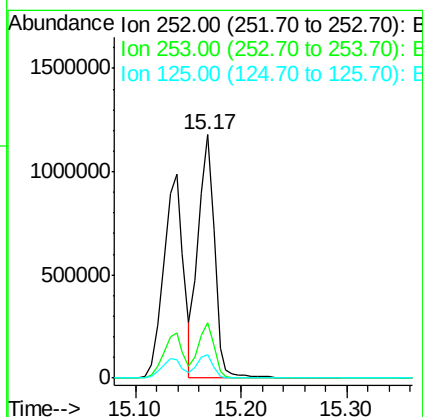
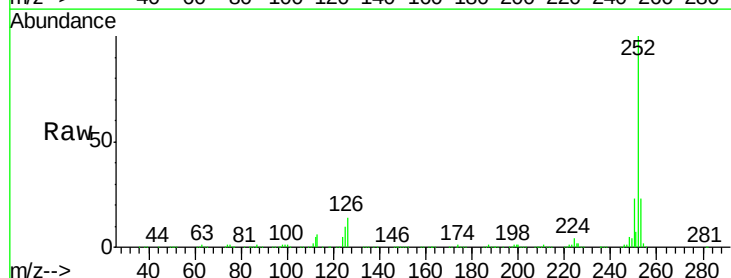
Instrument :
BNA_F
ClientSampleId :

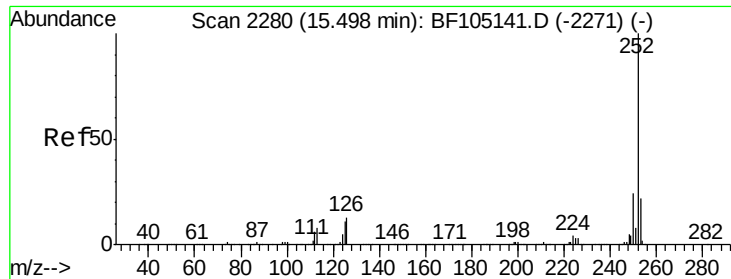
Tot Ion:252 Resp: 1291598
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.10 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:252 Resp: 1251344
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.7 10.2 15.2#

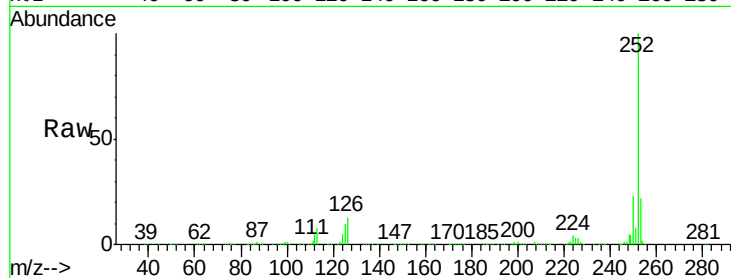




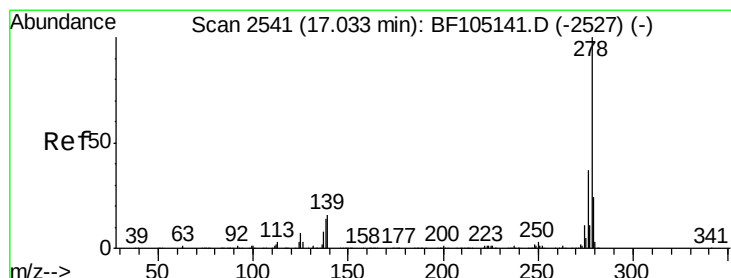
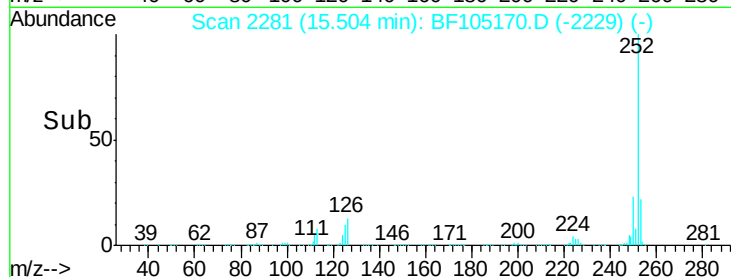
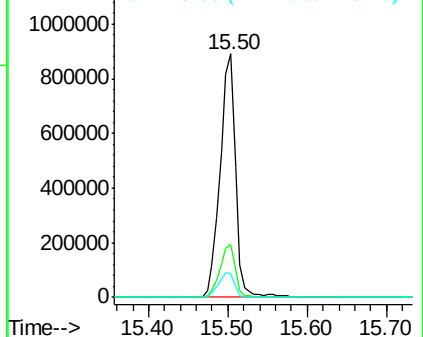
#89
Benzo(a)pyrene
Concen: 36.95 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1201154
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.7 9.8 14.6#

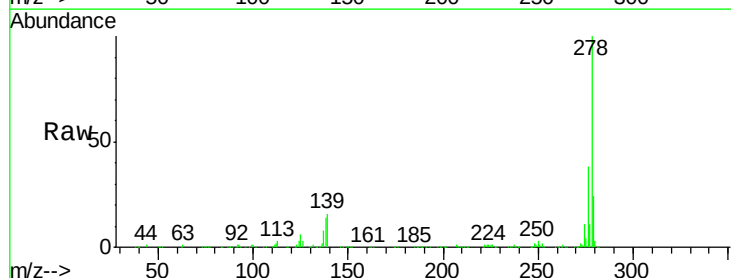


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

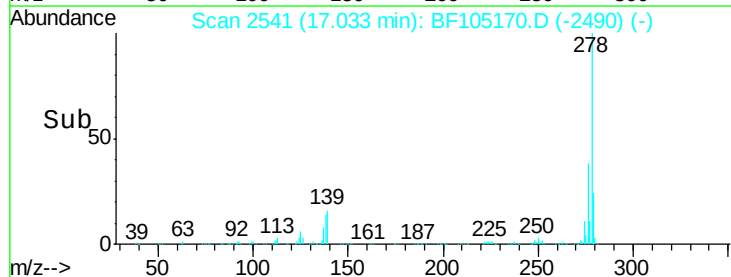
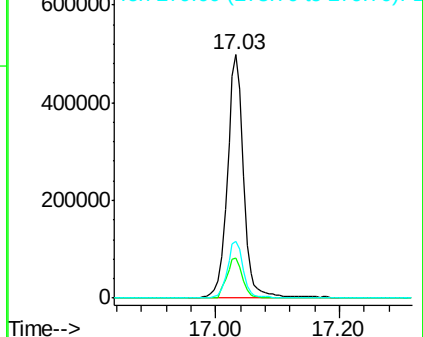


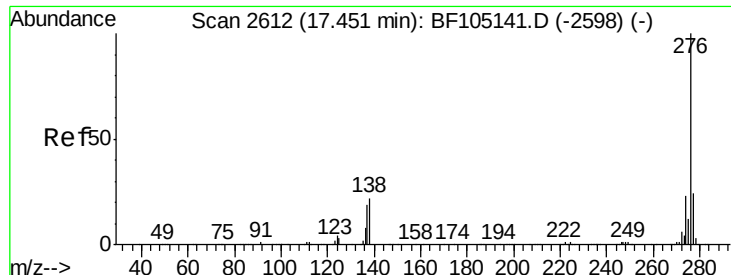
#90
Dibenzo(a,h)anthracene
Concen: 36.04 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:278 Resp: 909973
Ion Ratio Lower Upper
278 100
139 16.2 15.9 23.9
279 23.5 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: 35.96 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.3	21.8	32.8

