

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103647.D
 Acq On : 14 Mar 2018 18:12
 Operator : SJ/JU
 Sample : J1911-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 00:59:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	110772	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	464051	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	195430	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	296961	20.00	ng	0.00
75) Chrysene-d12	14.06	240	190250	20.00	ng	0.00
86) Perylene-d12	15.57	264	184584	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	805314	109.95	ng	0.00
7) Phenol-d6	6.50	99	952319	106.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	619808	76.28	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	137359	83.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	858816	73.22	ng	0.00
78) Terphenyl-d14	12.98	244	598595	75.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	93659	24.212	ng	91
3) Pyridine	3.53	79	165573	16.033	ng	98
4) n-Nitrosodimethylamine	3.45	42	74055	17.780	ng	# 79
6) Aniline	6.53	93	276707	21.393	ng	# 58
8) 2-Chlorophenol	6.65	128	266339	35.005	ng	94
9) Benzaldehyde	6.43	77	96606	14.735	ng	95
10) Phenol	6.52	94	379549	36.481	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	233916	29.623	ng	95
12) 1,3-Dichlorobenzene	6.80	146	262720	30.216	ng	97
13) 1,4-Dichlorobenzene	6.87	146	287542	32.985	ng	98
14) 1,2-Dichlorobenzene	7.03	146	257787	32.071	ng	99
15) Benzyl Alcohol	7.02	79	202335	29.960	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	426329	31.441	ng	59
17) 2-Methylphenol	7.12	107	208472	30.150	ng	# 75
18) Hexachloroethane	7.36	117	86443	27.239	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	208731	37.422	ng	96
20) 3+4-Methylphenols	7.29	107	266950	31.672	ng	# 65
22) Acetophenone	7.27	105	404836	37.375	ng	# 94
24) Nitrobenzene	7.45	77	283595	31.699	ng	96
25) Isophorone	7.67	82	571179	35.690	ng	95
26) 2-Nitrophenol	7.77	139	129747	30.806	ng	95
27) 2,4-Dimethylphenol	7.80	122	229269	35.614	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	353068	37.523	ng	98
29) 2,4-Dichlorophenol	8.02	162	209268	33.953	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	205203	31.264	ng	98
31) Naphthalene	8.16	128	763202	33.593	ng	100
32) Benzoic acid	7.93	122	36942	13.534	ng	91
33) 4-Chloroaniline	8.23	127	191743	19.558	ng	96
34) Hexachlorobutadiene	8.26	225	100259	29.334	ng	98
35) Caprolactam	8.59	113	64943	29.980	ng	# 85
36) 4-Chloro-3-methylphenol	8.72	107	238722	34.339	ng	99
37) 2-Methylnaphthalene	8.85	142	485054	33.035	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	177845	33.288	ng	100
40) Hexachlorocyclopentadiene	8.99	237	4614	11.060	ng	94

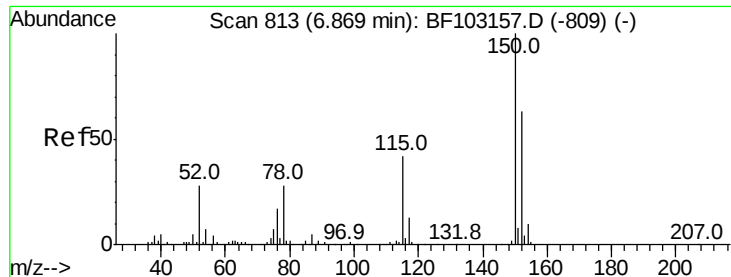
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	113672	31.620	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	116140	28.089	ng	98
45) 1,1'-Biphenyl	9.32	154	540811	33.024	ng	99
46) 2-Chloronaphthalene	9.35	162	416902	32.179	ng	100
47) 2-Nitroaniline	9.46	65	169464	35.312	ng	83
48) Acenaphthylene	9.76	152	625083	31.358	ng	100
49) Dimethylphthalate	9.62	163	499150	31.838	ng	99
50) 2,6-Dinitrotoluene	9.69	165	99808	30.337	ng	# 78
51) Acenaphthene	9.93	154	357174	30.728	ng	99
52) 3-Nitroaniline	9.88	138	110952	26.581	ng	96
53) 2,4-Dinitrophenol	10.05	184	6769	14.632	ng	# 1
54) Dibenzofuran	10.10	168	538908	33.774	ng	# 90
55) 4-Nitrophenol	10.10	139	341655	132.066	ng	# 20
56) 2,4-Dinitrotoluene	10.12	165	121898	29.295	ng	# 72
57) Fluorene	10.45	166	404864	29.786	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	81806	29.452	ng	97
59) Diethylphthalate	10.31	149	490145	32.688	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	185022	32.099	ng	95
61) 4-Nitroaniline	10.50	138	113867	27.312	ng	96
62) Azobenzene	10.60	77	492113	32.243	ng	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	12641	11.221	ng	# 66
65) n-Nitrosodiphenylamine	10.56	169	359246	34.744	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	101537	32.823	ng	98
67) Hexachlorobenzene	11.00	284	98063	29.206	ng	99
68) Atrazine	11.09	200	100354	32.291	ng	97
69) Pentachlorophenol	11.22	266	57545	35.446	ng	99
70) Phenanthrene	11.42	178	511953	31.326	ng	98
71) Anthracene	11.47	178	568500	33.923	ng	100
72) Carbazole	11.64	167	517158	30.989	ng	99
73) Di-n-butylphthalate	11.94	149	1001049	47.938	ng	99
74) Fluoranthene	12.62	202	495067	30.145	ng	98
76) Benzidine	12.75	184	200800	28.232	ng	96
77) Pyrene	12.85	202	483953	32.627	ng	99
79) Butylbenzylphthalate	13.45	149	259612	33.127	ng	96
80) Benzo(a)anthracene	14.04	228	378739	30.682	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	141587	32.140	ng	98
82) Chrysene	14.09	228	390126	32.549	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	347877	32.894	ng	99
84) Di-n-octyl phthalate	14.62	149	593773	34.750	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	344589	36.315	ng	98
87) Benzo(b)fluoranthene	15.13	252	346810	28.576	ng	98
88) Benzo(k)fluoranthene	15.16	252	400559	35.050	ng	99
89) Benzo(a)pyrene	15.51	252	345867	31.913	ng	99
90) Dibenzo(a,h)anthracene	17.12	278	292632	34.944	ng	97
91) Benzo(g,h,i)perylene	17.60	276	274852	33.581	ng	99

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

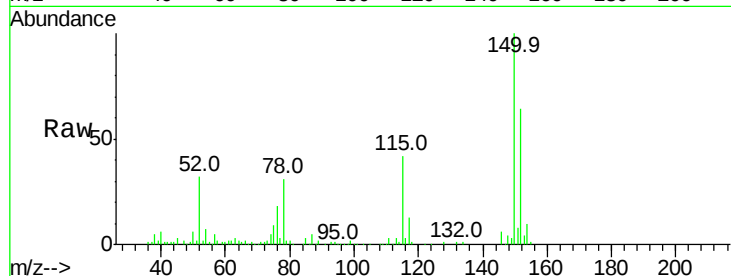


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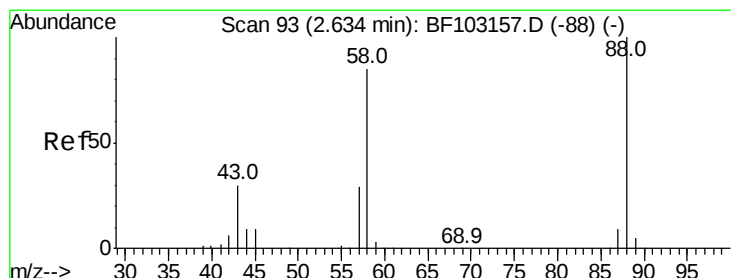
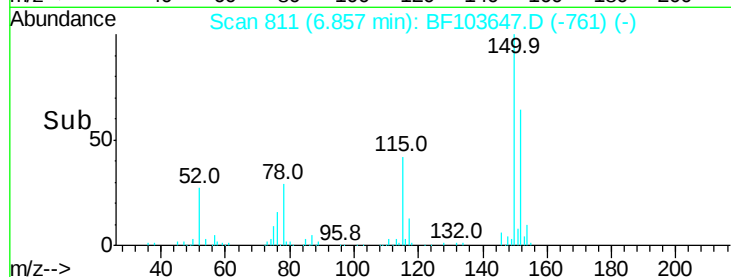
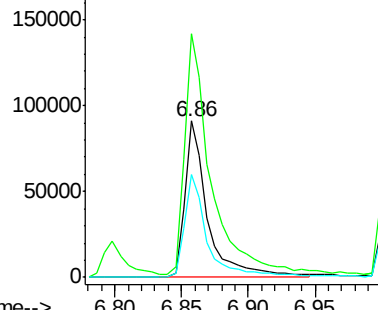
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110772
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 65.3 50.1 75.1



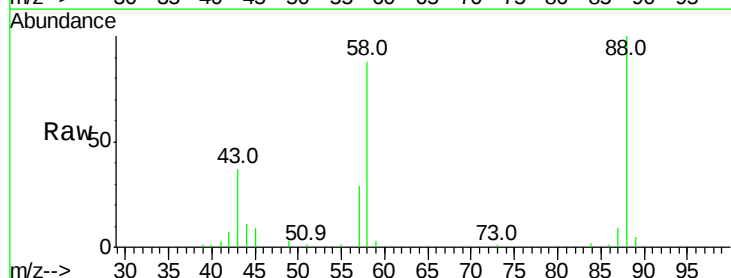
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



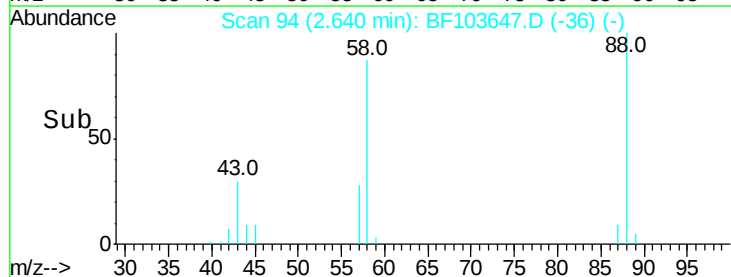
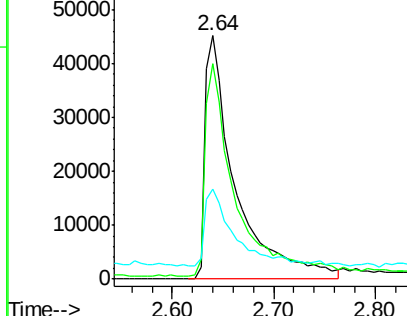
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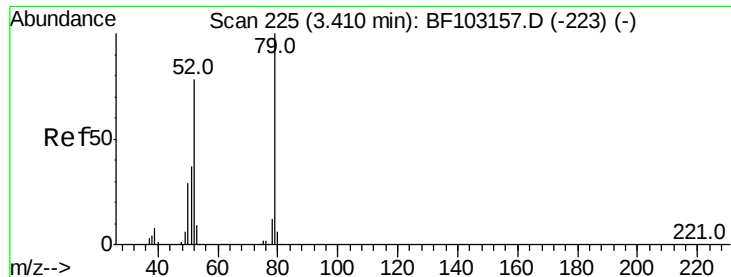
1,4-Dioxane
Concen: 24.212 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.04 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion: 88 Resp: 93659
Ion Ratio Lower Upper
88 100
58 88.9 62.6 93.8
43 30.7 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: 16.033 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.09 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

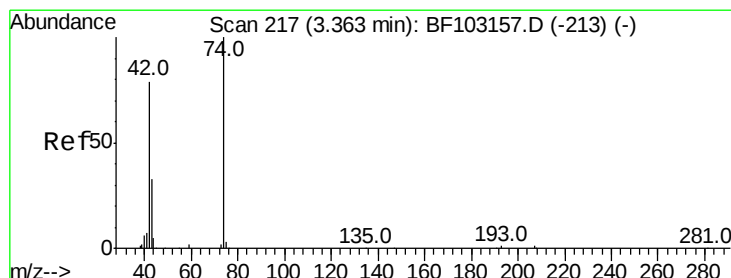
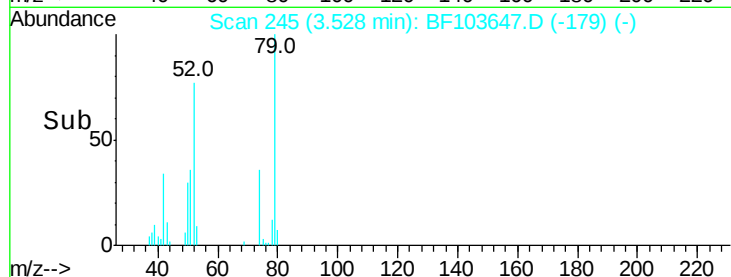
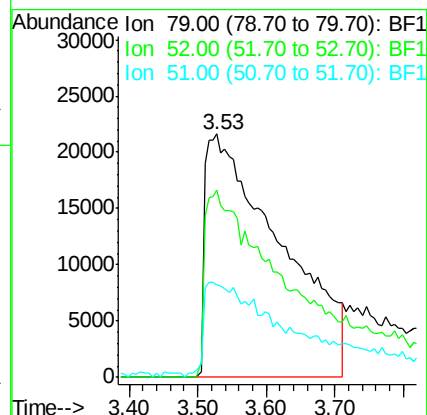
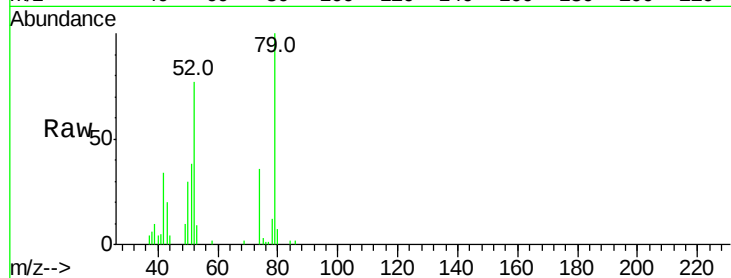
Tot Ion: 79 Resp: 165573

Ion Ratio Lower Upper

79 100

52 77.1 59.8 89.6

51 37.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 17.780 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

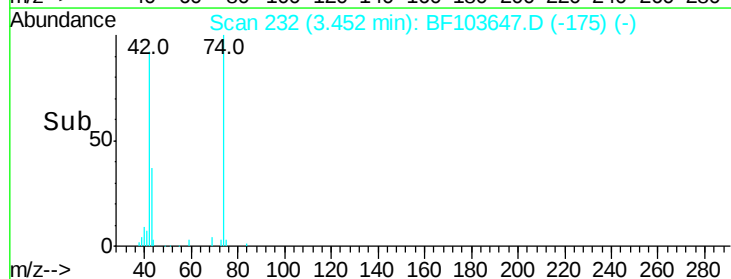
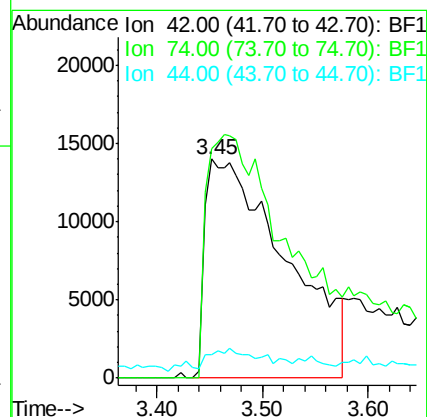
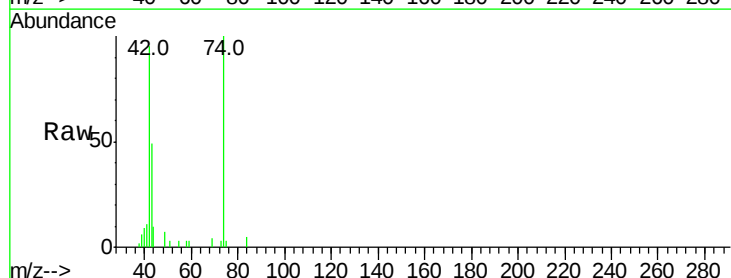
Tgt Ion: 42 Resp: 74055

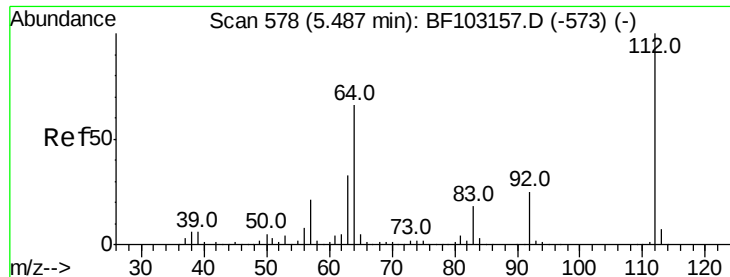
Ion Ratio Lower Upper

42 100

74 105.1 104.9 157.3

44 10.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 109.954 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

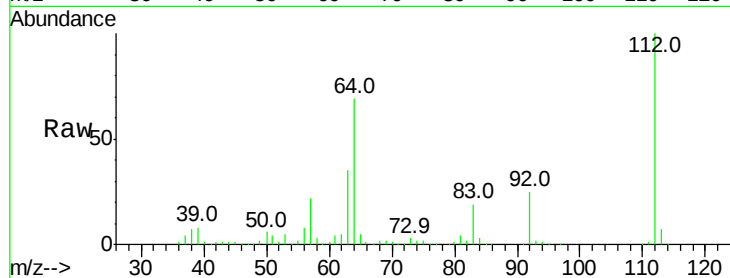
Tot Ion:112 Resp: 805314

Ion Ratio Lower Upper

112 100

64 69.0 47.9 71.9

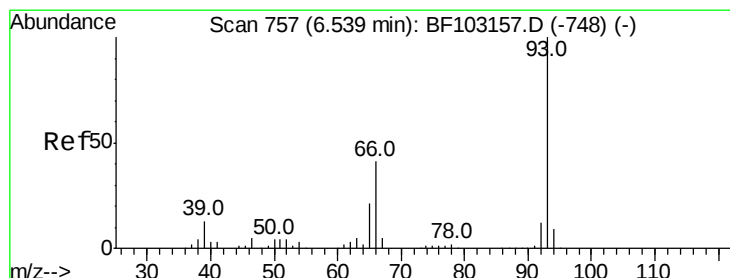
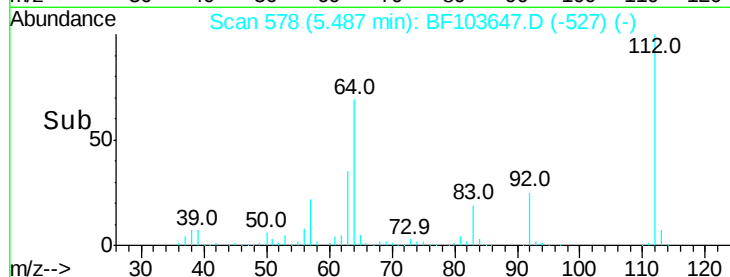
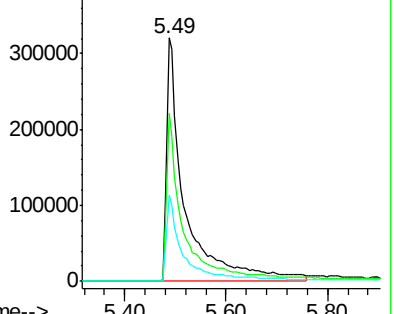
63 35.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.393 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

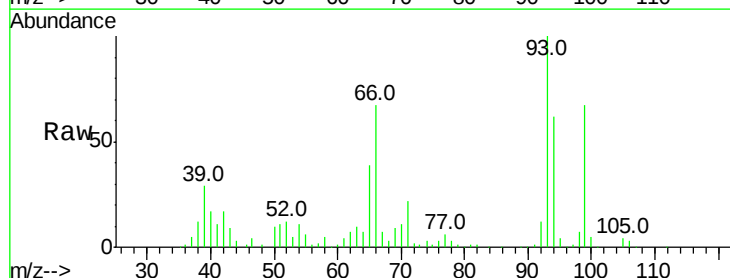
Tgt Ion: 93 Resp: 276707

Ion Ratio Lower Upper

93 100

66 66.8 32.2 48.2#

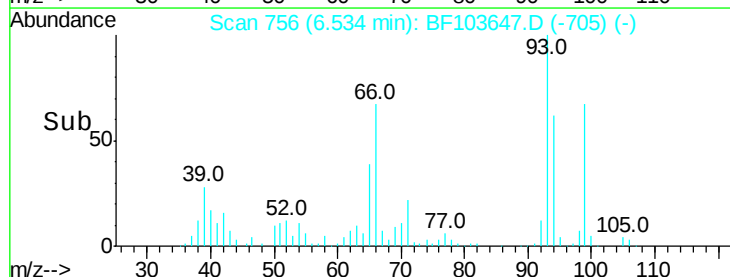
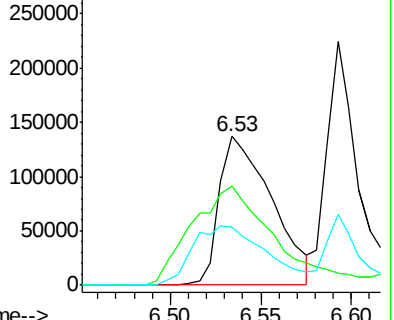
65 39.0 16.4 24.6#

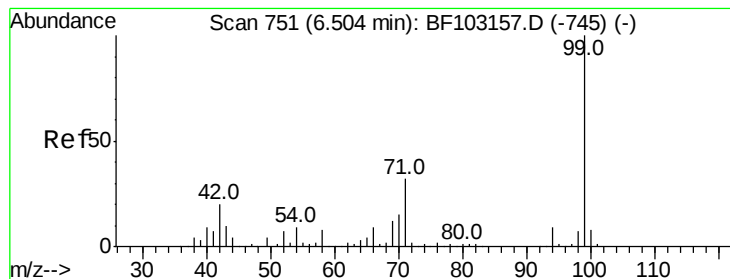


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.260 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

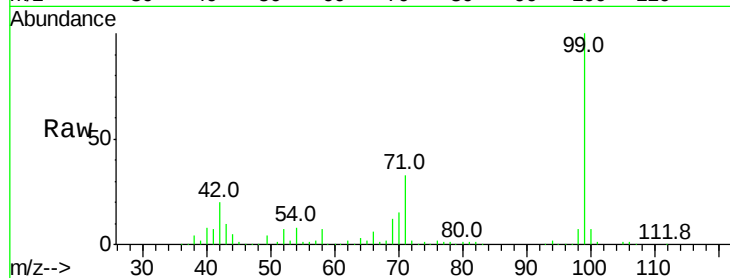
Tot Ion: 99 Resp: 952319

Ion Ratio Lower Upper

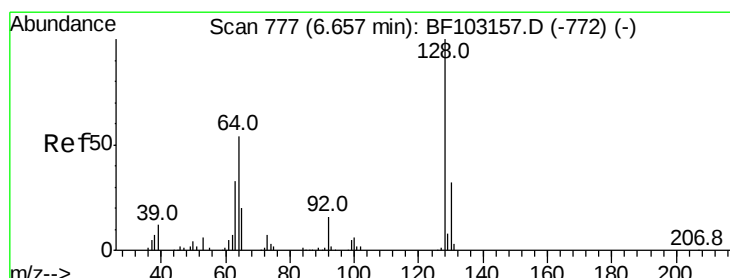
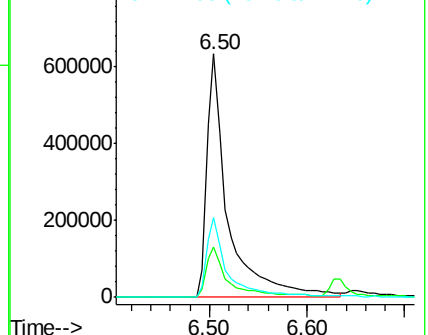
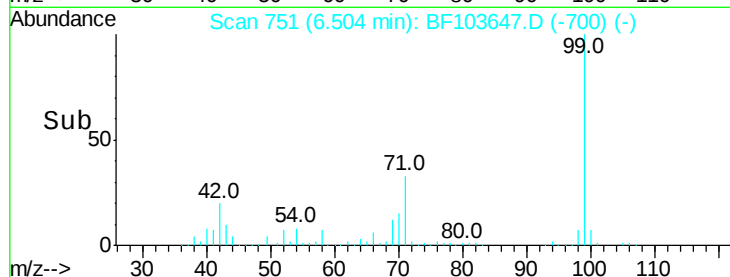
99 100

42 20.5 14.5 21.7

71 32.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.005 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

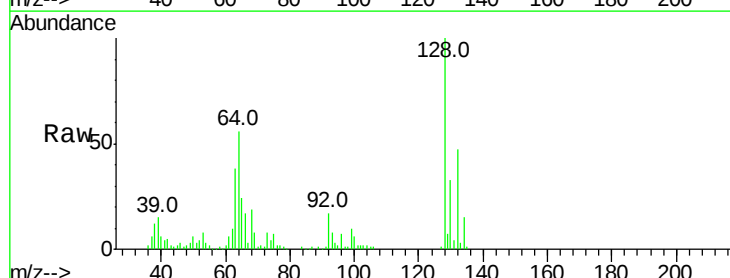
Tgt Ion: 128 Resp: 266339

Ion Ratio Lower Upper

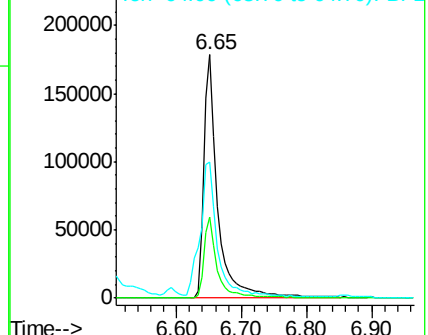
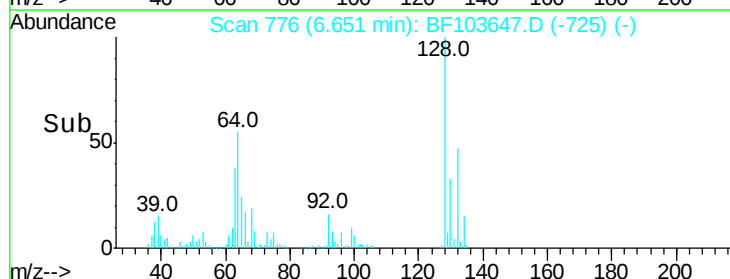
128 100

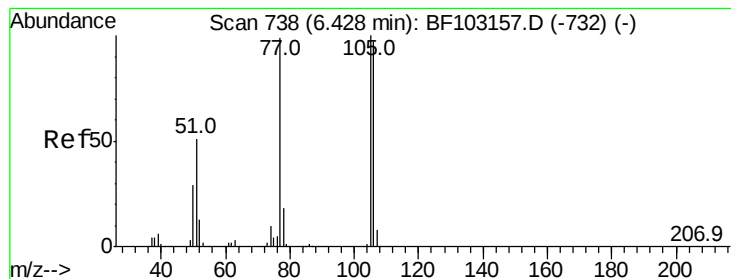
130 33.4 13.0 53.0

64 55.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.735 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

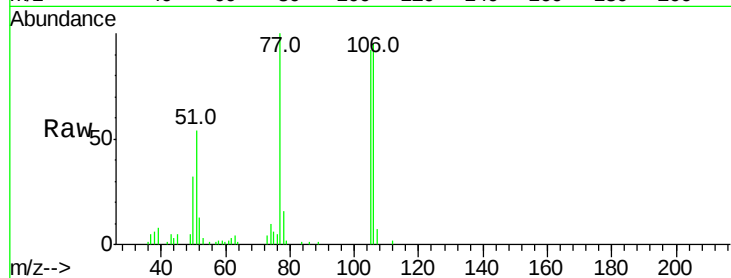
Tot Ion: 77 Resp: 96606

Ion Ratio Lower Upper

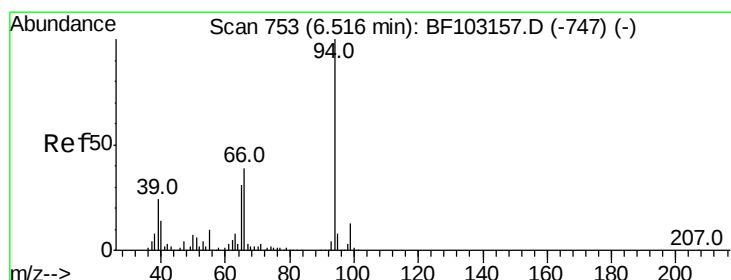
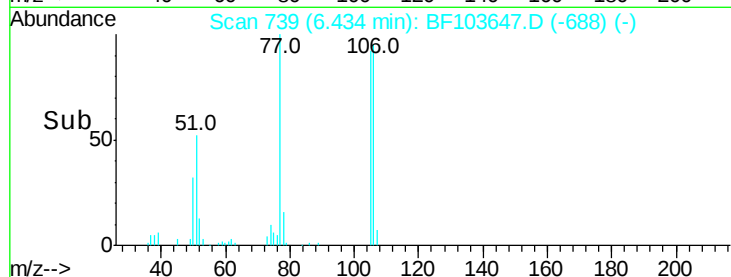
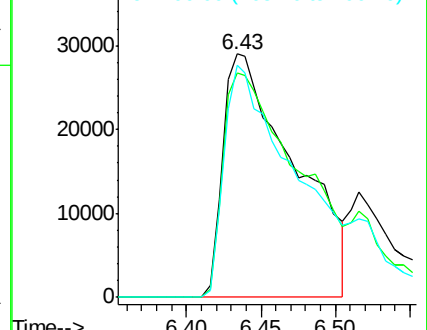
77 100

105 92.4 81.1 121.1

106 95.5 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: 36.481 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

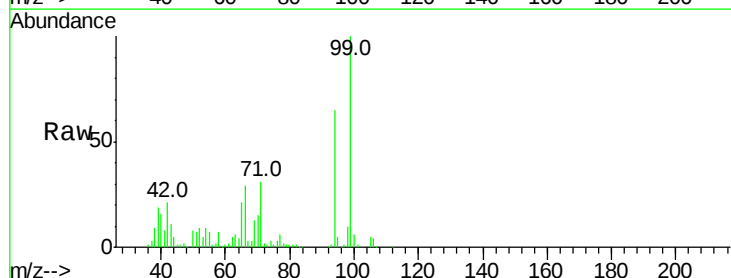
Tgt Ion: 94 Resp: 379549

Ion Ratio Lower Upper

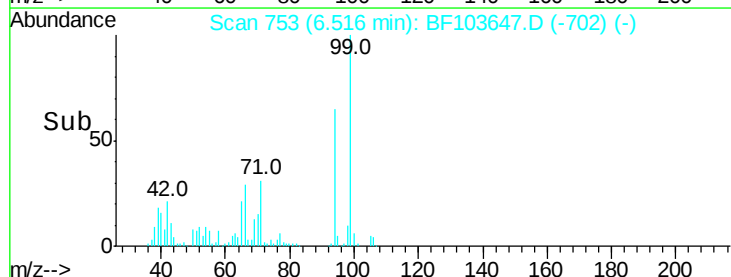
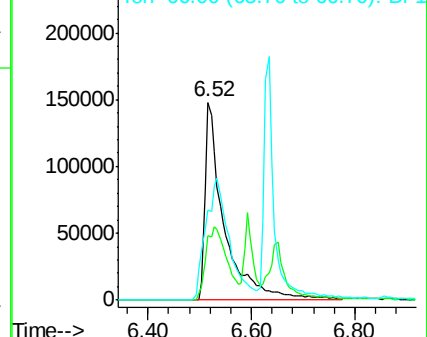
94 100

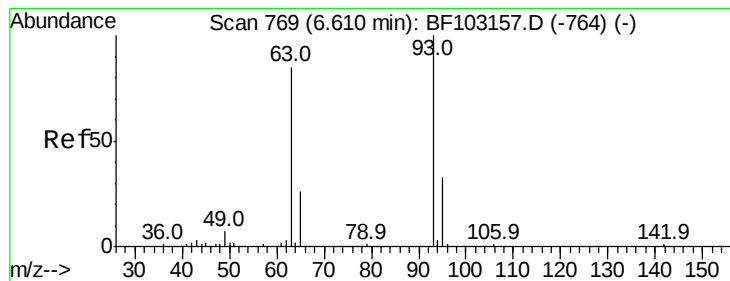
65 32.6 7.9 47.9

66 45.3 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

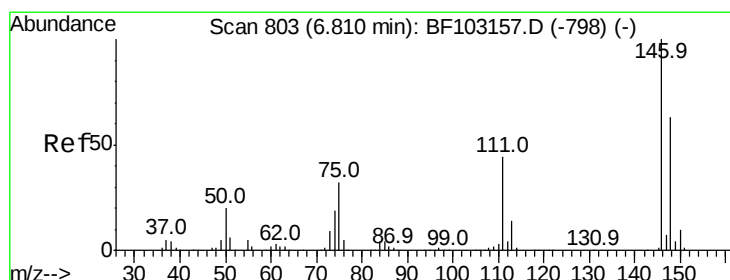
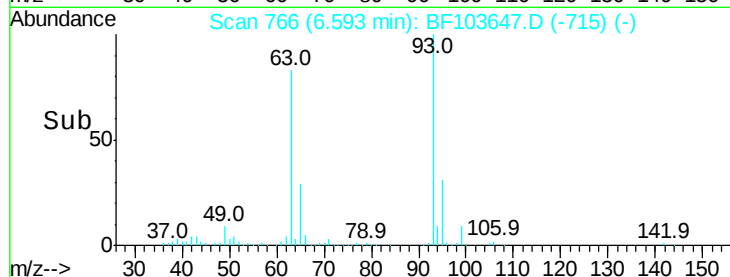
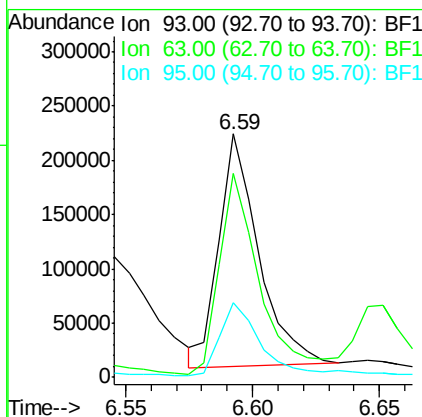
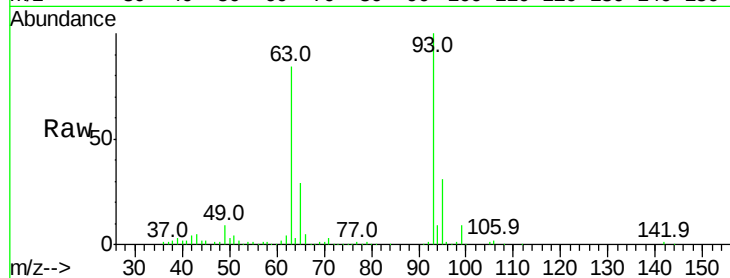




#11
 bis(2-Chloroethyl)ether
 Concen: 29.623 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

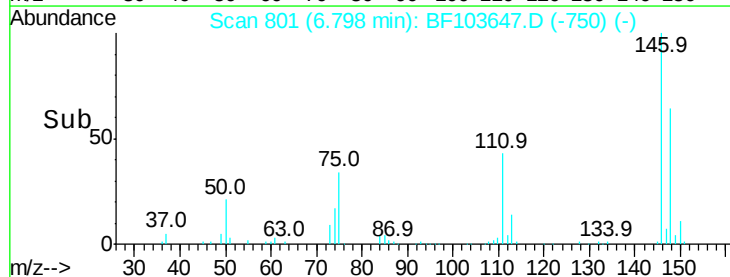
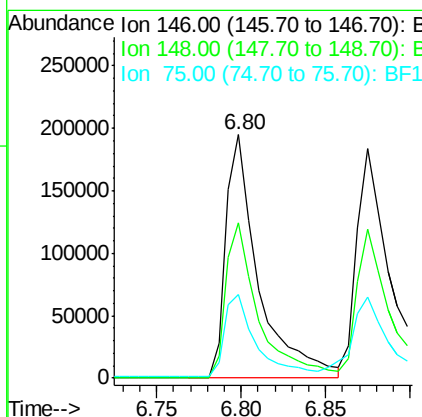
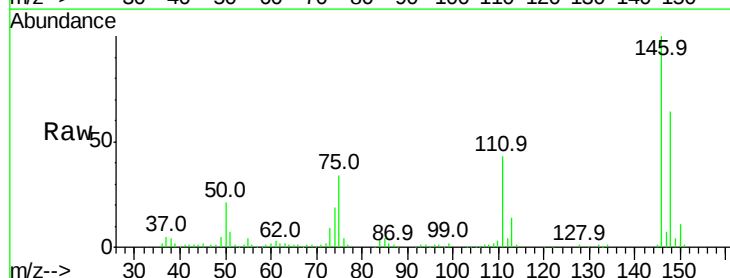
Instrument :
 BNA_F
 ClientSampleId :

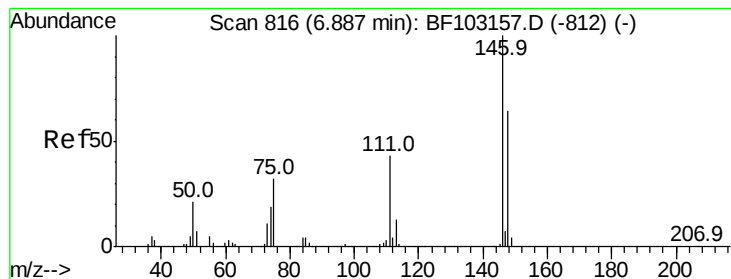
Tot Ion:	93	Resp:	233916
Ion	Ratio	Lower	Upper
93	100		
63	83.6	58.6	98.6
95	30.9	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 30.216 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:	146	Resp:	262720
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	34.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.985 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

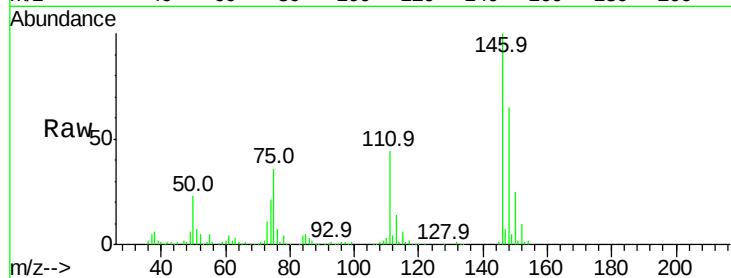
Tot Ion:146 Resp: 287542

Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

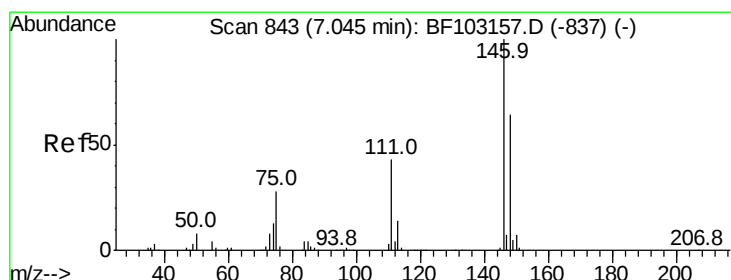
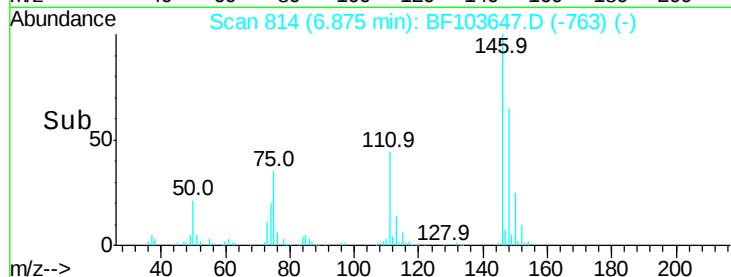
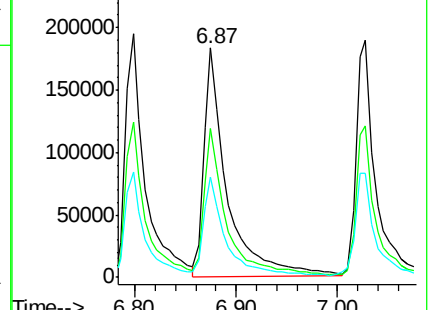
111 43.9 34.2 51.2



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: 32.071 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

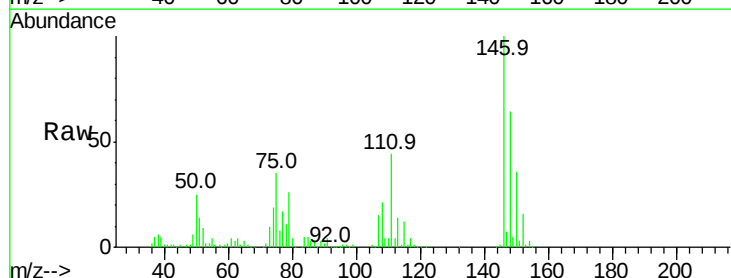
Tgt Ion:146 Resp: 257787

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

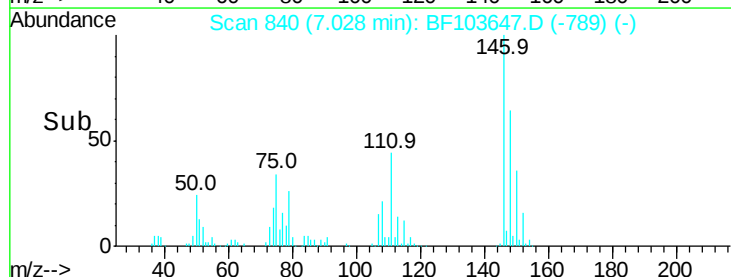
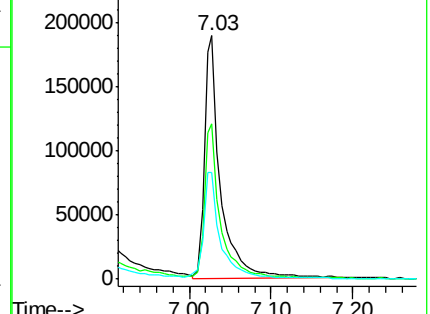
111 43.7 36.0 54.0

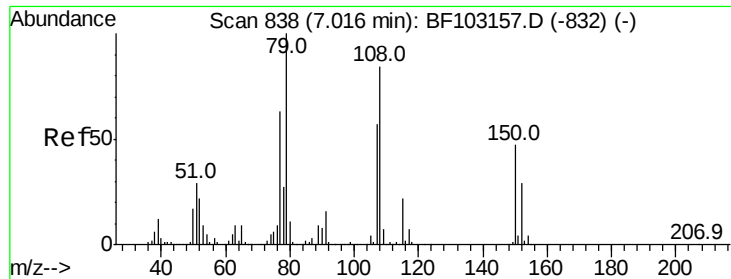


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.960 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

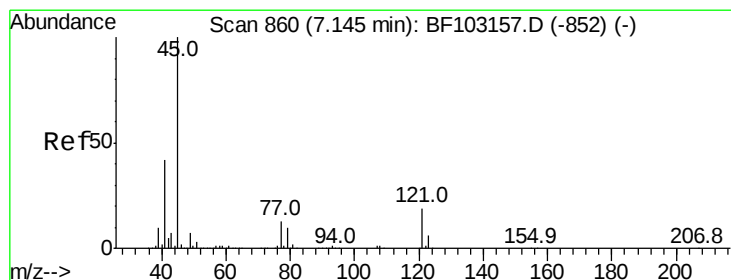
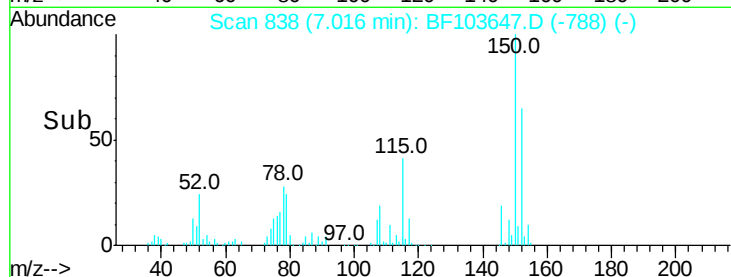
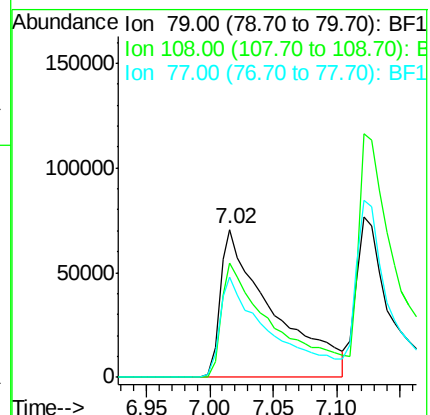
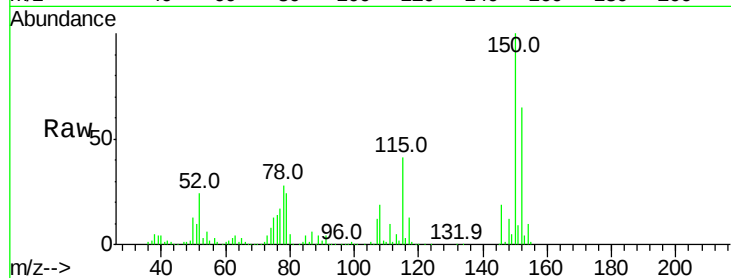
Tot Ion: 79 Resp: 202335

Ion Ratio Lower Upper

79 100

108 77.5 65.1 97.7

77 68.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.441 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

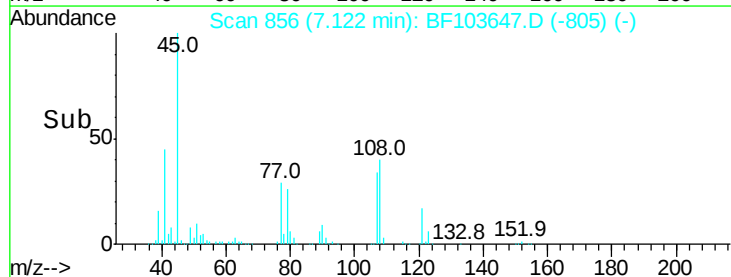
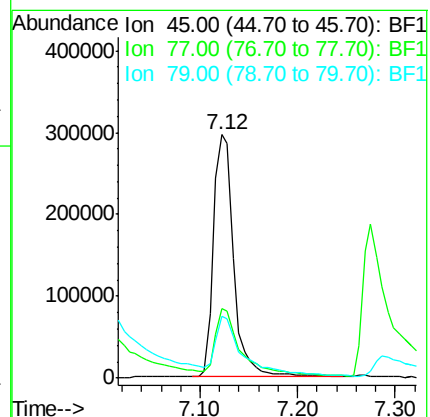
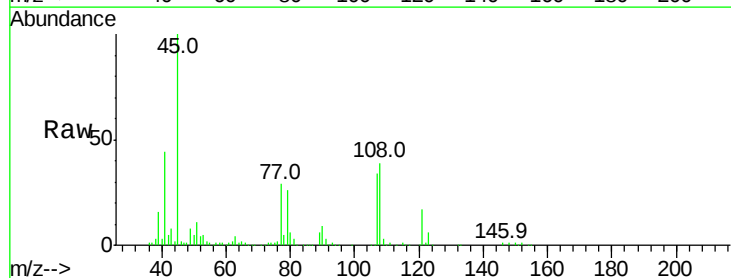
Tgt Ion: 45 Resp: 426329

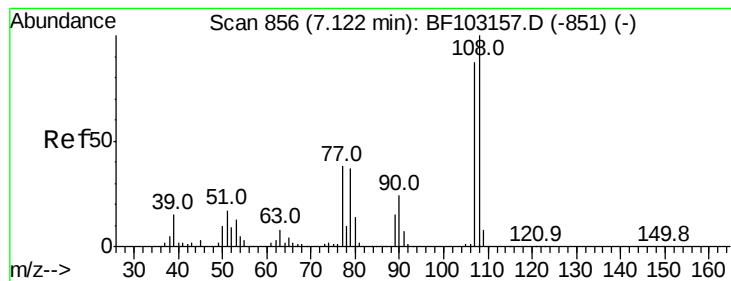
Ion Ratio Lower Upper

45 100

77 28.5 0.0 32.9

79 25.7 0.0 29.6

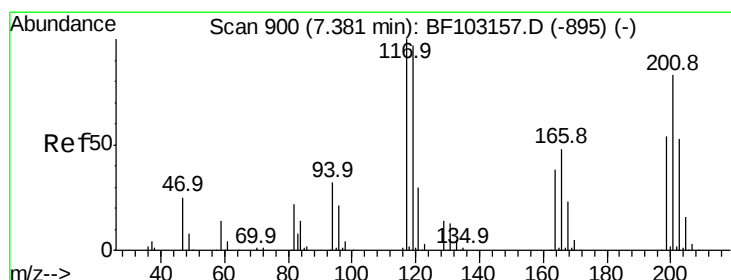
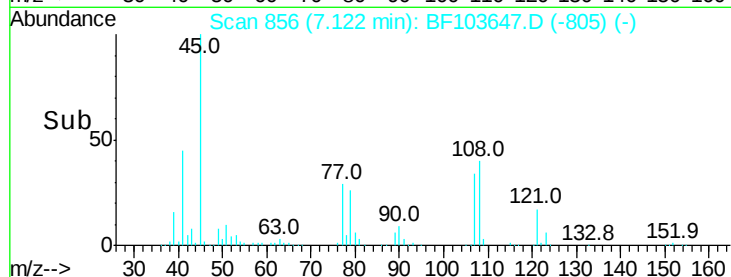
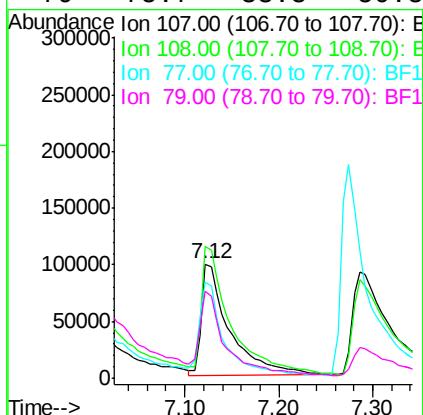
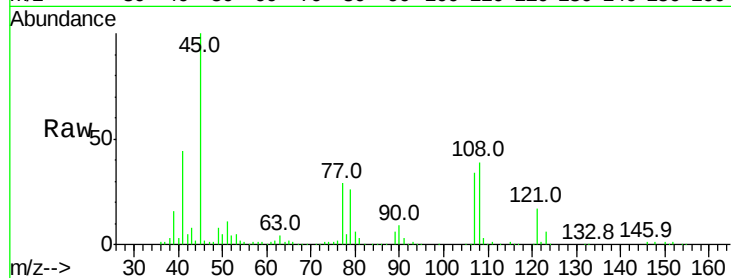




#17
2-Methylphenol
Concen: 30.150 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

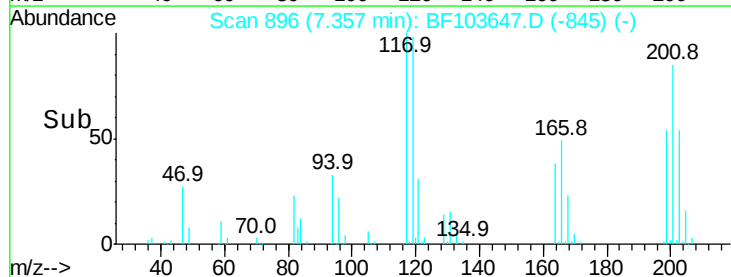
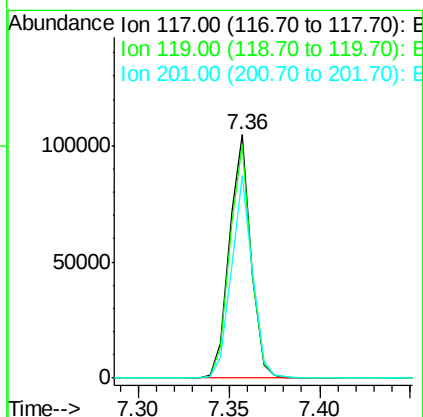
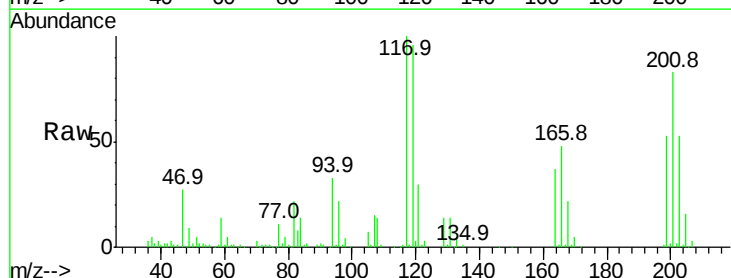
Instrument :
BNA_F
ClientSampled :

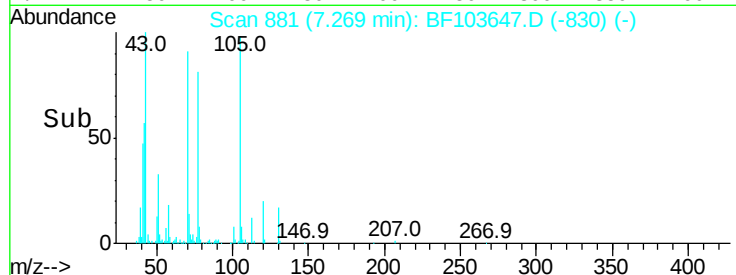
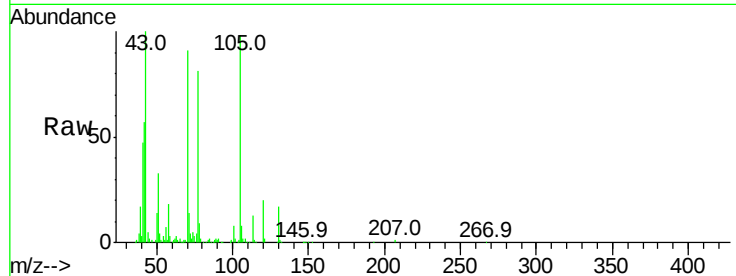
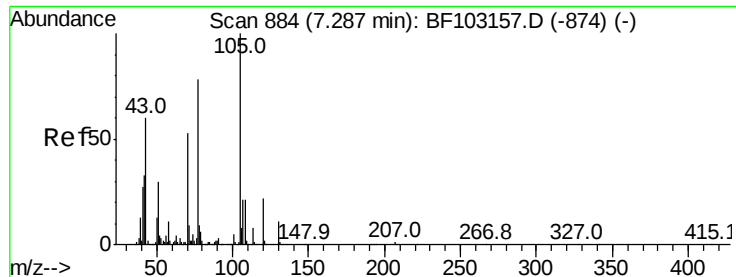
Tot Ion:107 Resp: 208472
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 84.0 33.8 50.8#
79 75.7 33.8 50.8#



#18
Hexachloroethane
Concen: 27.239 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:117 Resp: 86443
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 83.4 75.7 113.5

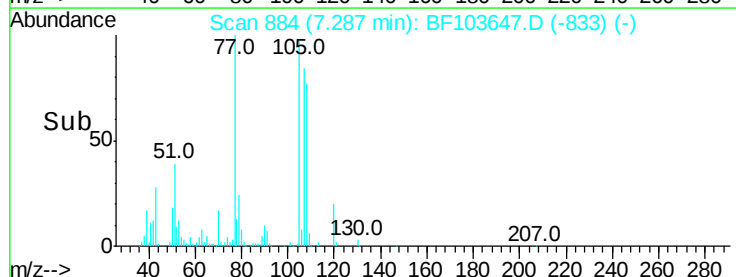
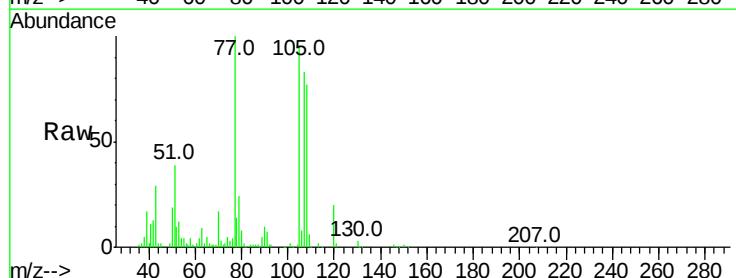
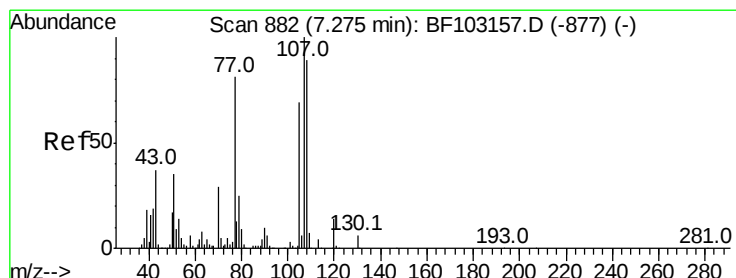
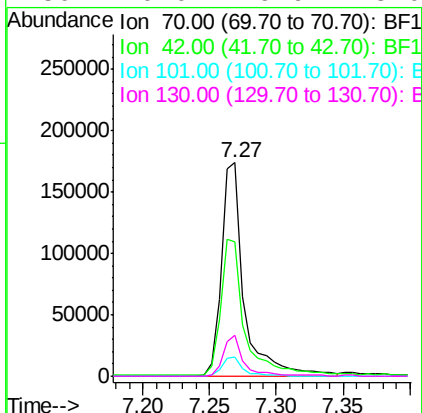




#19
n-Nitroso-di-n-propylamine
Concen: 37.422 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

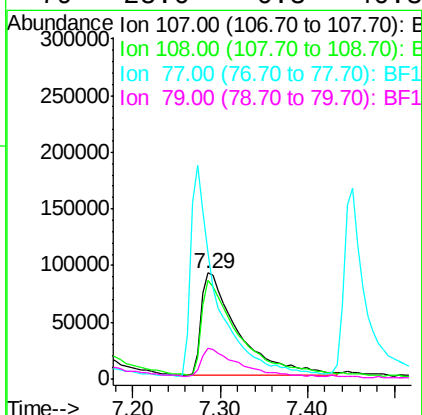
Instrument :
BNA_F
ClientSampled :

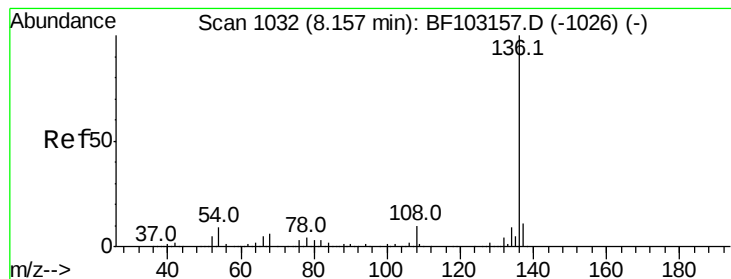
Tot Ion	70	Resp	208731
Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.5	71.3
101	9.2	7.4	11.2
130	19.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.672 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	107	Resp	266950
Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	119.8	26.7	66.7#
79	28.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 464051

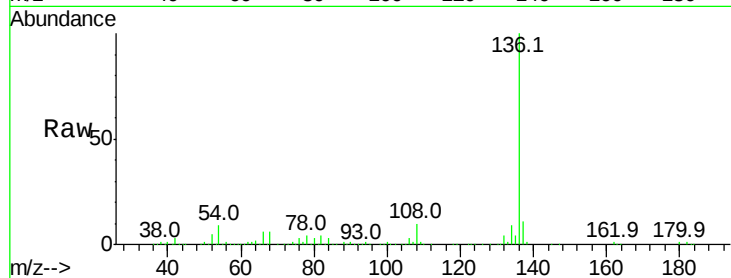
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.3 6.6 9.8

68 6.2 5.0 7.4

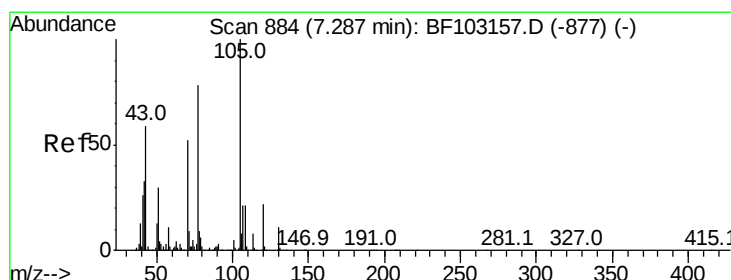
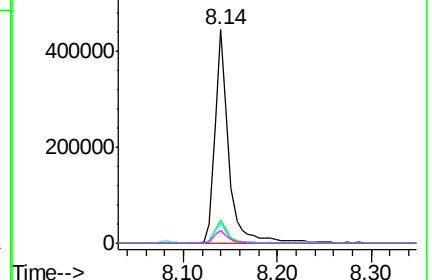
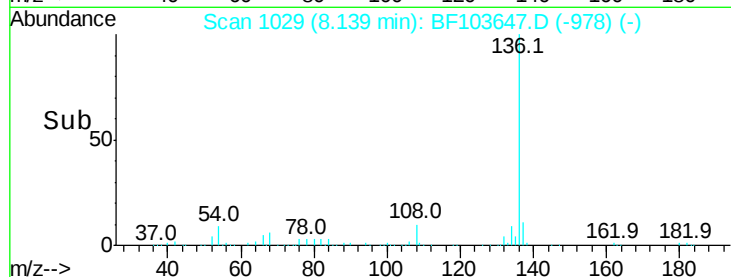


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.375 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:105 Resp: 404836

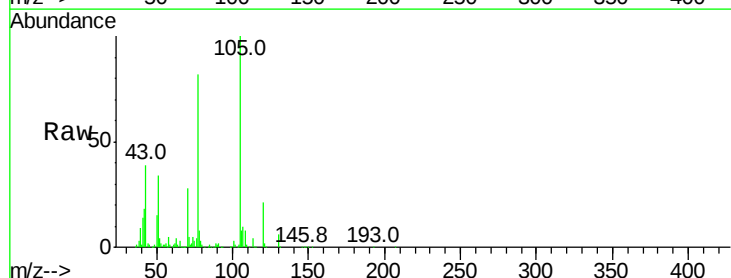
Ion Ratio Lower Upper

105 100

71 4.5 4.4 6.6

51 33.7 22.3 33.5#

120 21.3 16.9 25.3

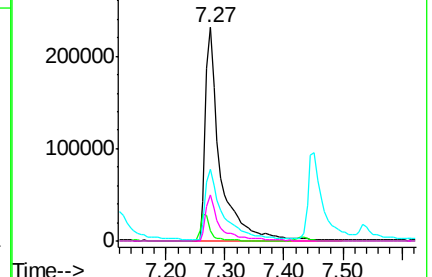
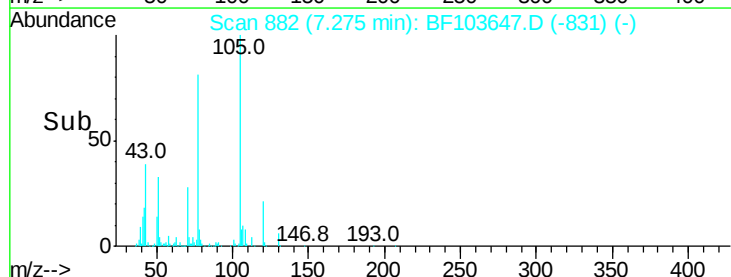


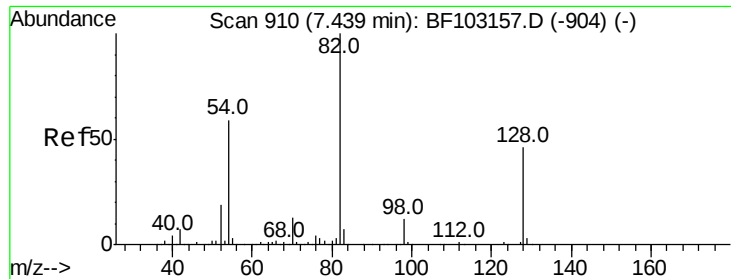
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

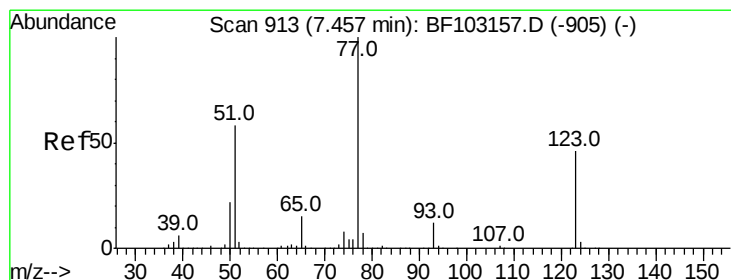
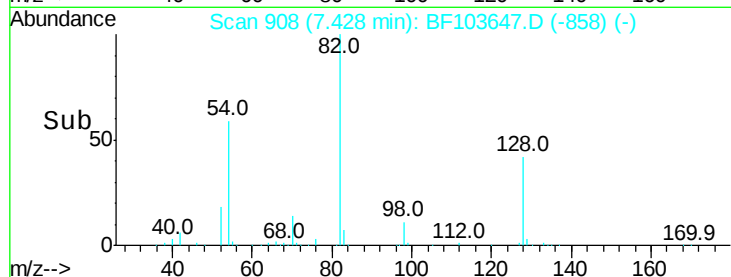
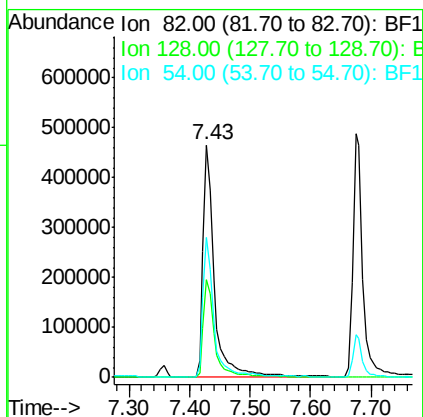
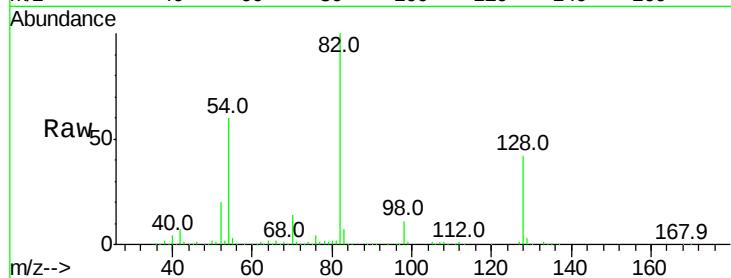




#23
Nitrobenzene-d5
Concen: 76.277 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

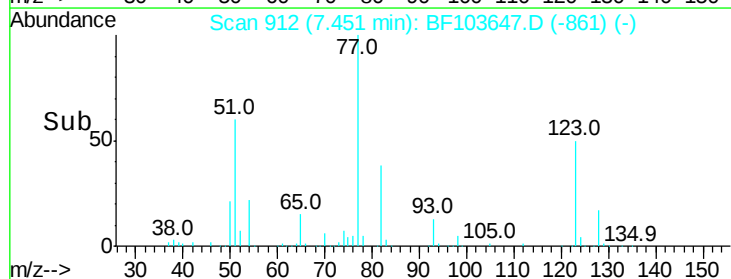
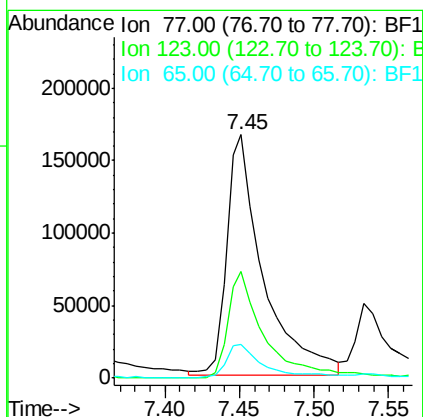
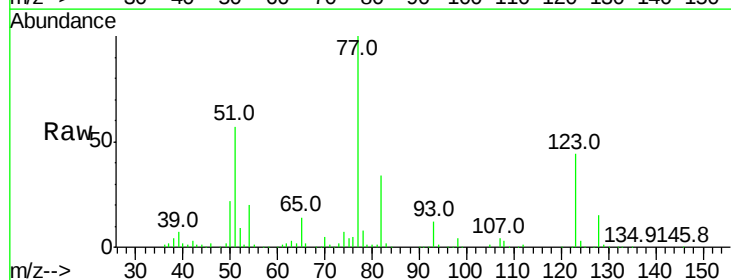
Instrument :
BNA_F
ClientSampleId :

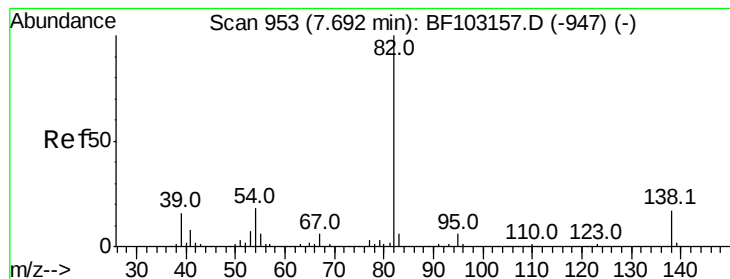
Tot Ion: 82 Resp: 619808
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 60.1 41.4 62.2



#24
Nitrobenzene
Concen: 31.699 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion: 77 Resp: 283595
Ion Ratio Lower Upper
77 100
123 44.0 37.9 56.9
65 14.1 11.0 16.4





#25

Isophorone

Concen: 35.690 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

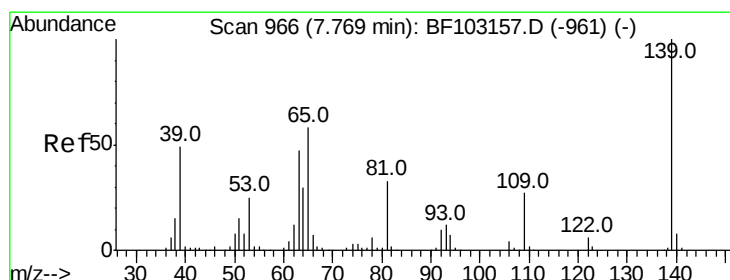
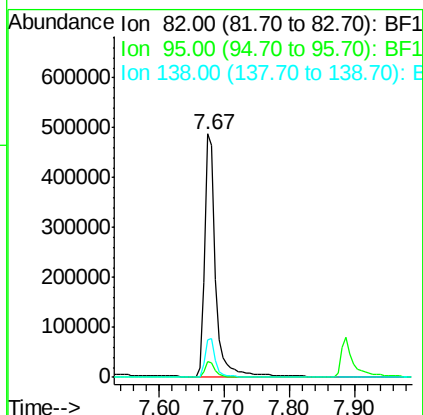
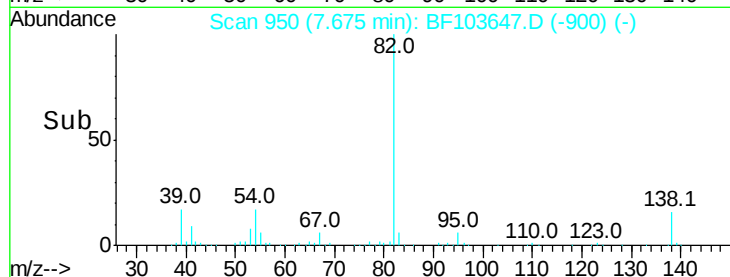
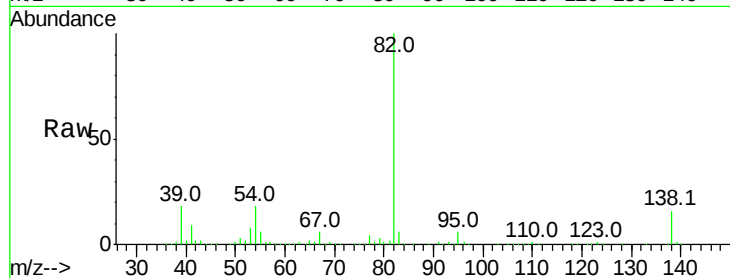
Tot Ion: 82 Resp: 571179

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 15.5 14.9 22.3



#26

2-Nitrophenol

Concen: 30.806 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

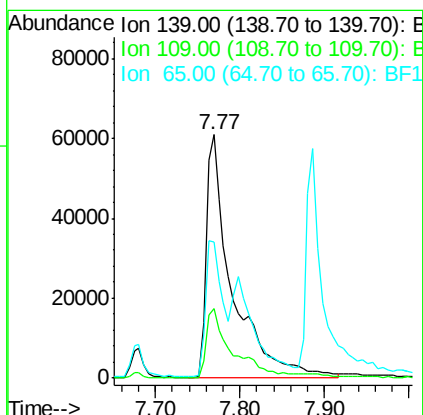
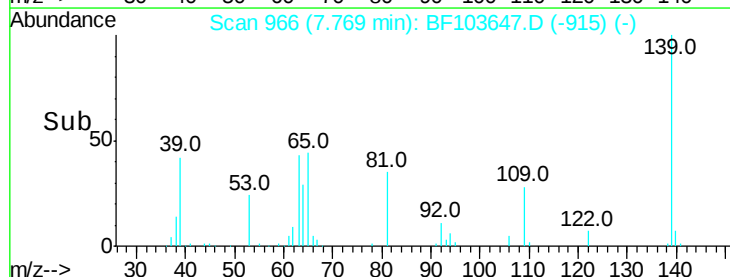
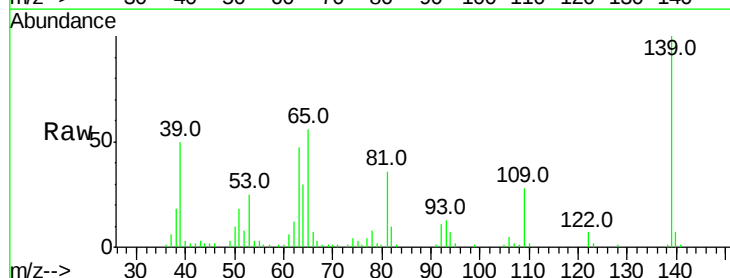
Tgt Ion:139 Resp: 129747

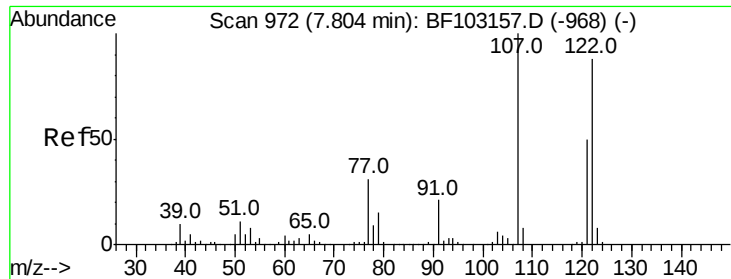
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 55.8 40.5 60.7

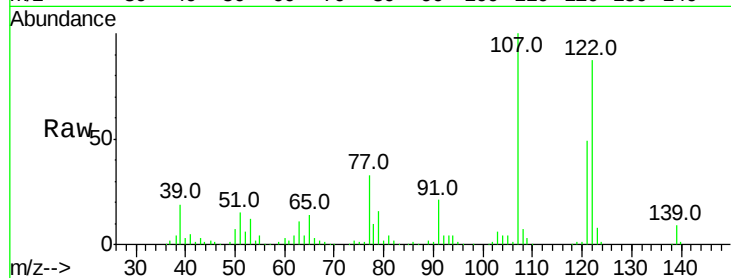




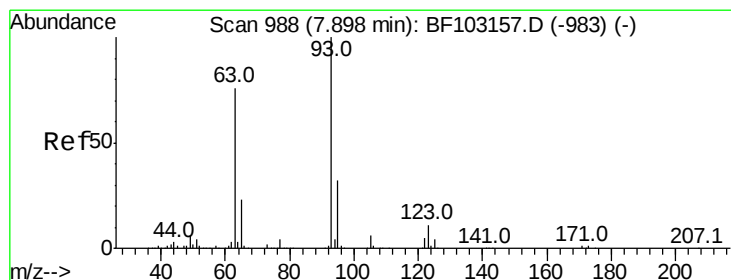
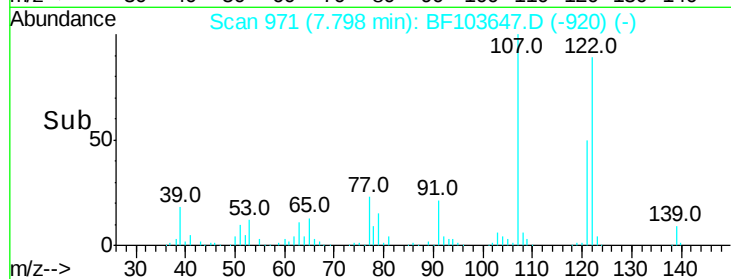
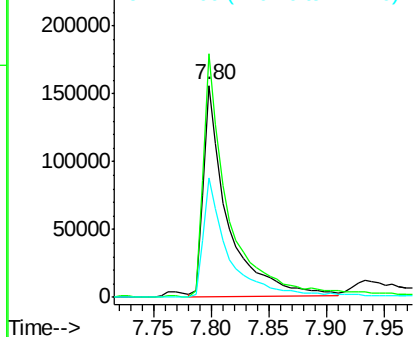
#27
2,4-Dimethylphenol
Concen: 35.614 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 229269
Ion Ratio Lower Upper
122 100
107 114.8 91.2 136.8
121 56.5 47.2 70.8

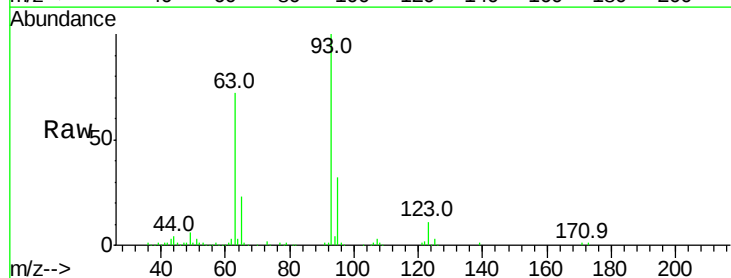


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

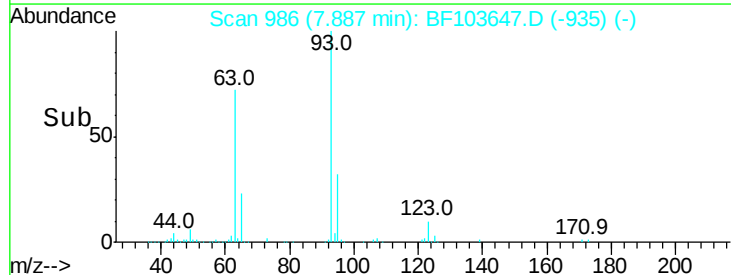
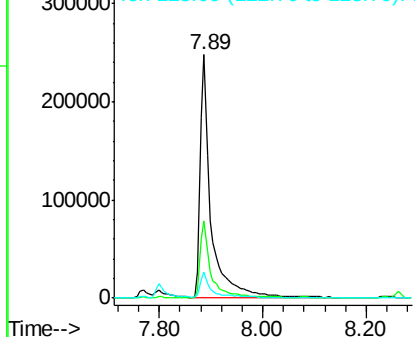


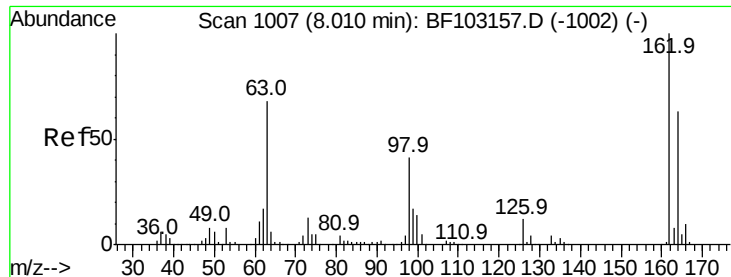
#28
bis(2-Chloroethoxy)methane
Concen: 37.523 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion: 93 Resp: 353068
Ion Ratio Lower Upper
93 100
95 31.9 26.3 39.5
123 10.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

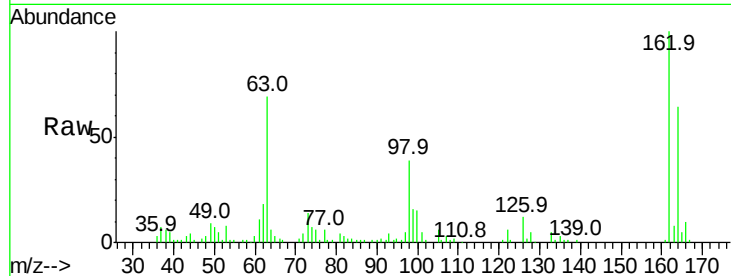




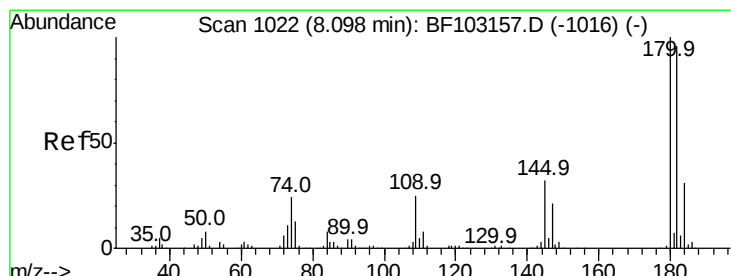
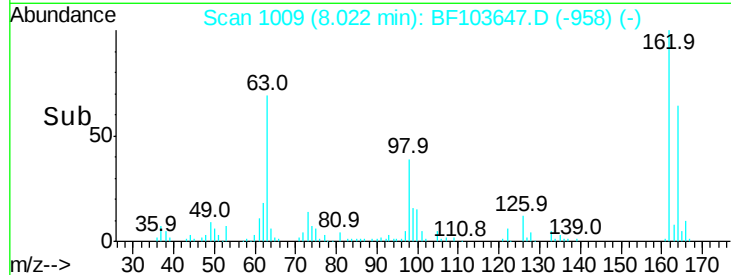
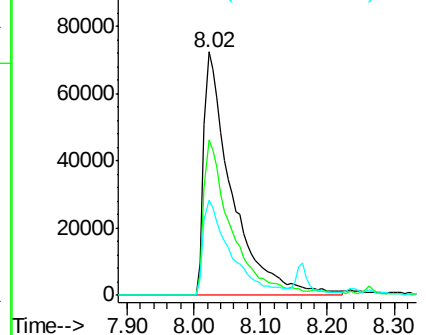
#29
 2,4-Dichlorophenol
 Concen: 33.953 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	209268
Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	38.8	18.1	58.1

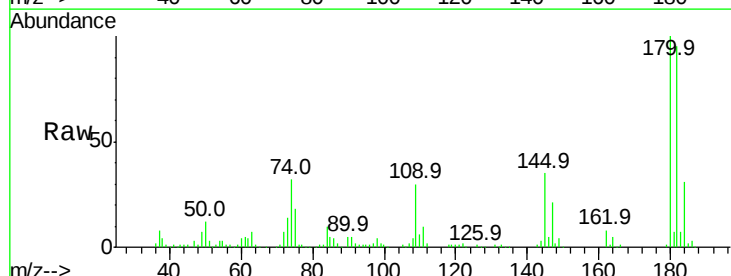


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

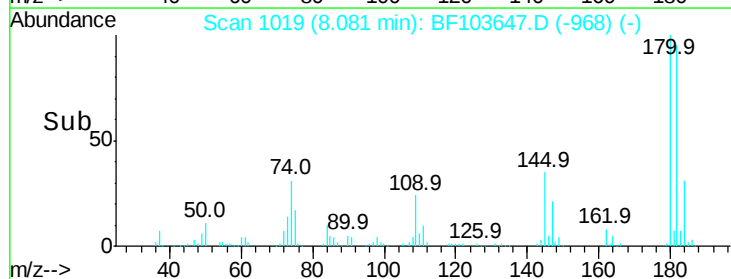
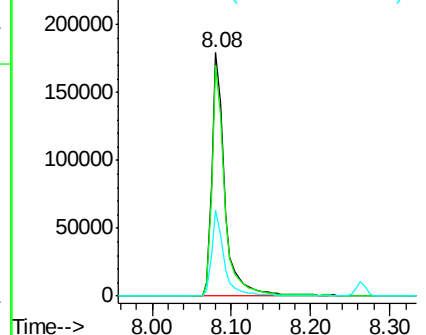


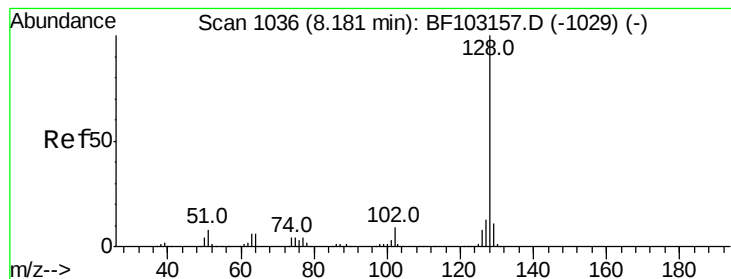
#30
 1,2,4-Trichlorobenzene
 Concen: 31.264 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:	180	Resp:	205203
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	35.3	26.5	39.7



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





#31

Naphthalene

Concen: 33.593 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

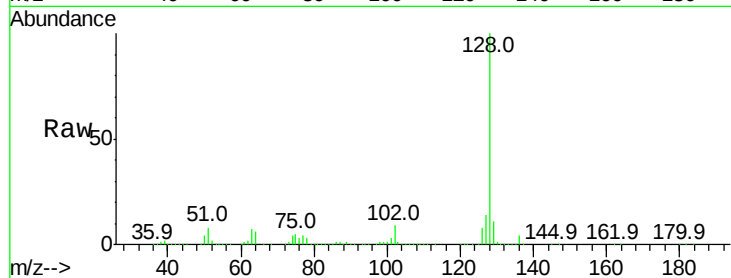
Tot Ion:128 Resp: 763202

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

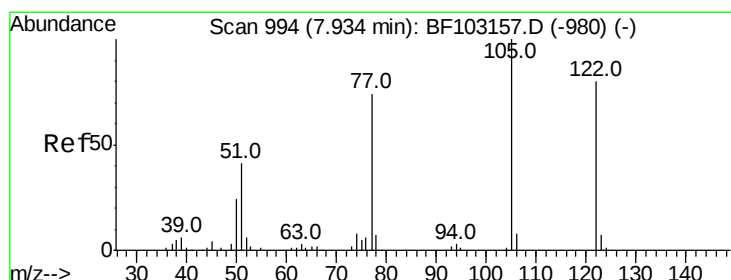
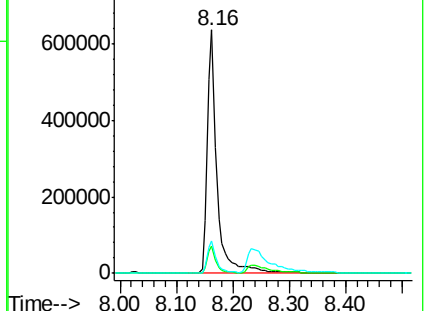
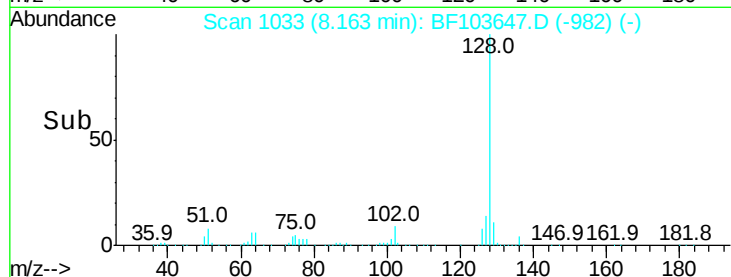
127 13.5 10.9 16.3



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: 13.534 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.04 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

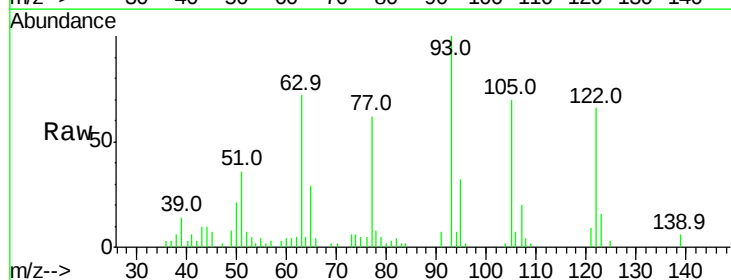
Tgt Ion:122 Resp: 36942

Ion Ratio Lower Upper

122 100

105 106.2 101.1 141.1

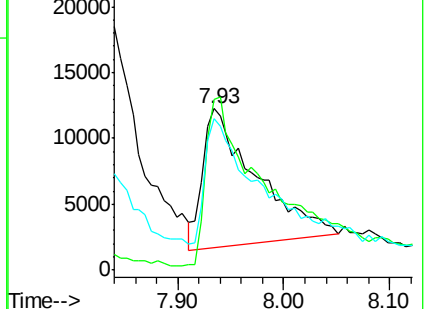
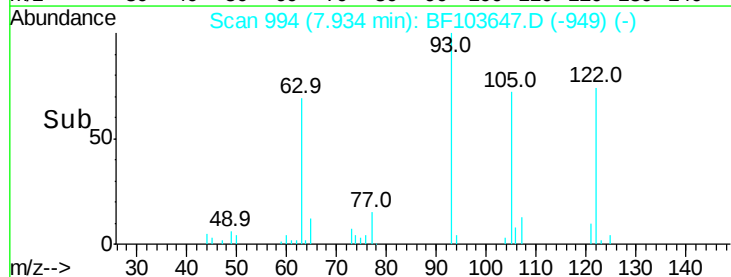
77 94.4 70.7 110.7

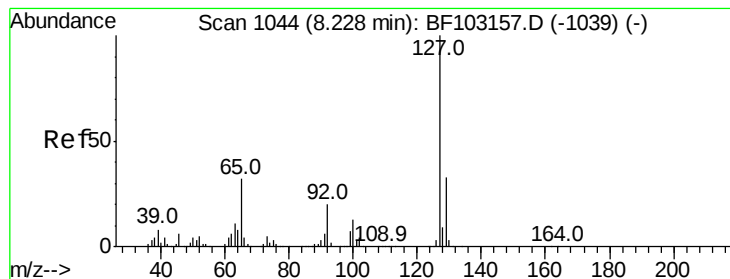


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 19.558 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 191743

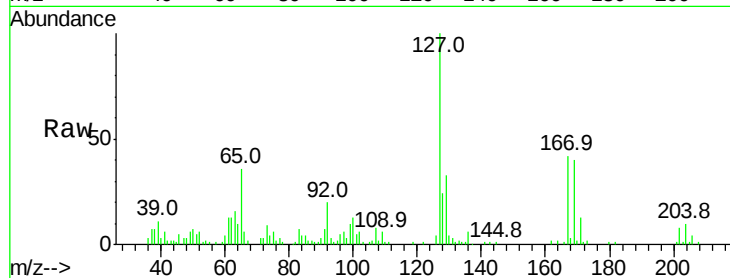
Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 35.7 25.0 37.4

92 20.3 15.2 22.8

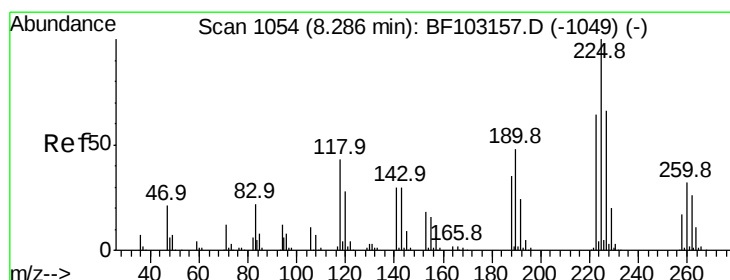
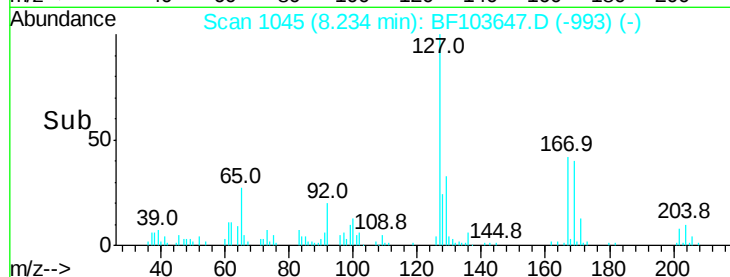
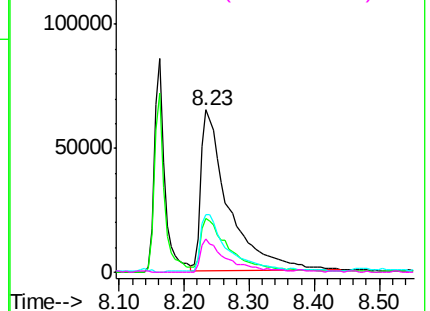


Abundance Ion 127.00 (126.70 to 127.70): E

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: 29.334 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

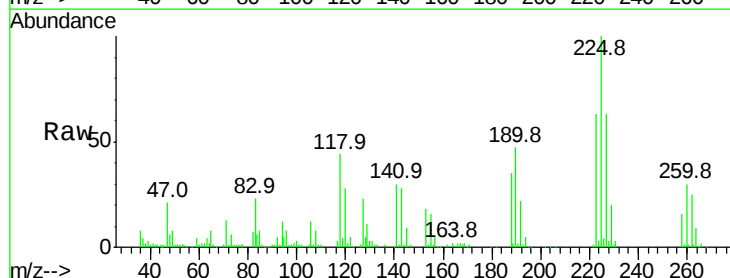
Tgt Ion:225 Resp: 100259

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

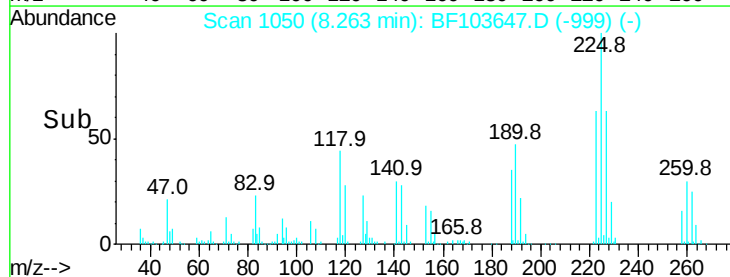
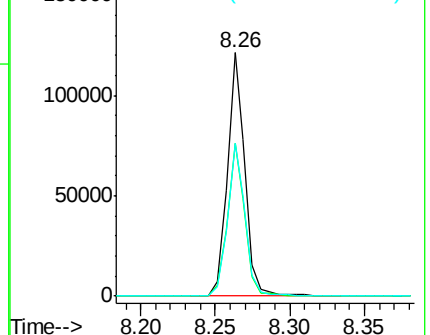
227 62.5 51.9 77.9

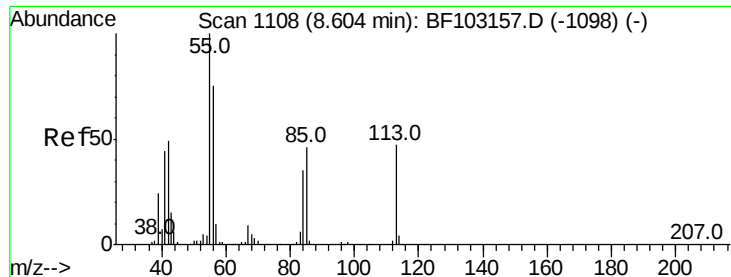


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.980 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

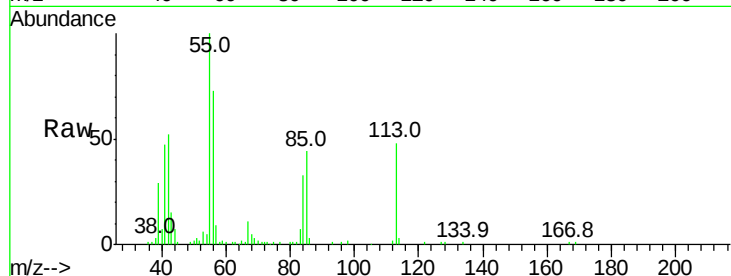
Tot Ion:113 Resp: 64943

Ion Ratio Lower Upper

113 100

55 206.7 163.3 203.3#

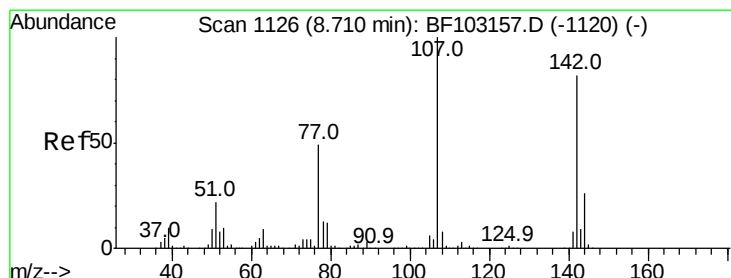
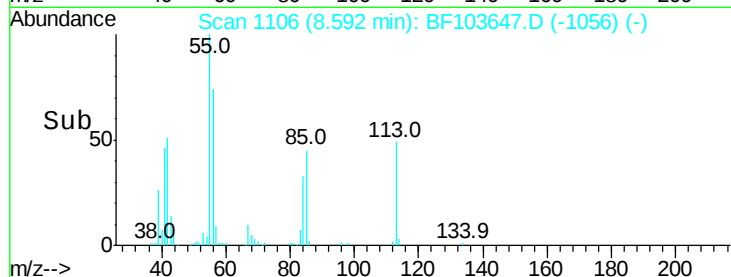
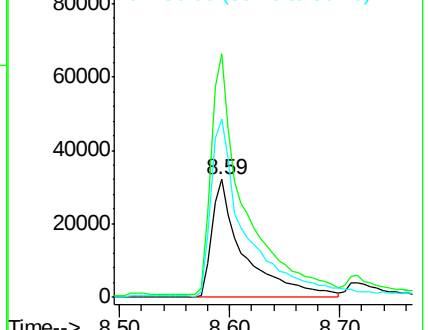
56 151.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 34.339 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

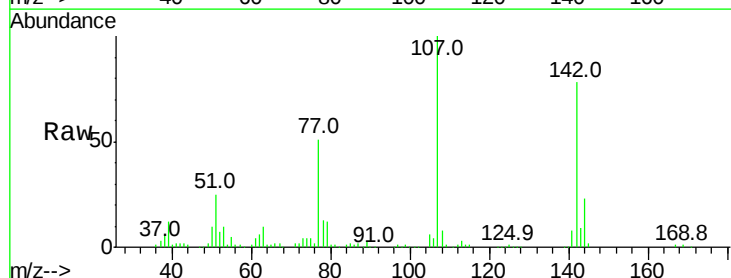
Tgt Ion:107 Resp: 238722

Ion Ratio Lower Upper

107 100

144 23.4 20.5 30.7

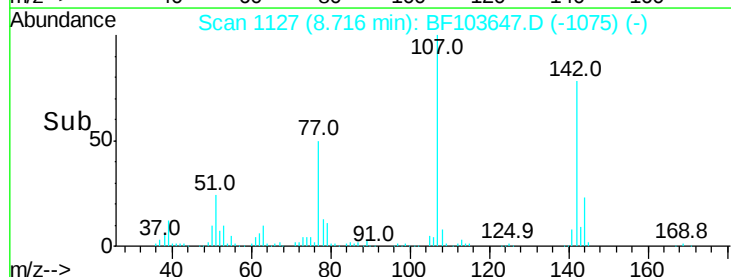
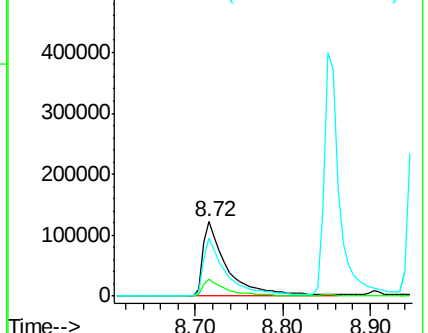
142 77.9 62.0 93.0

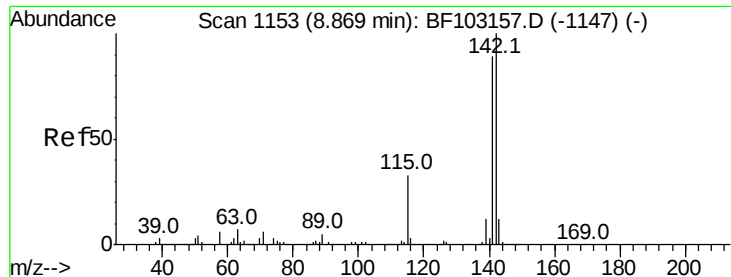


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

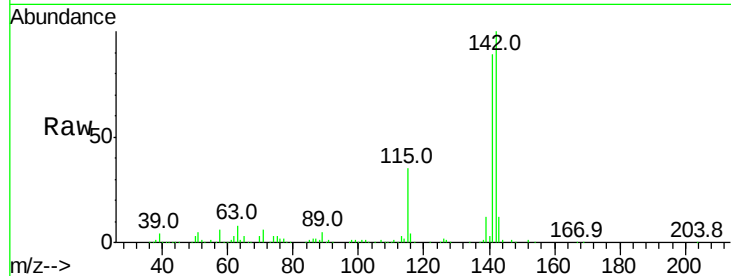




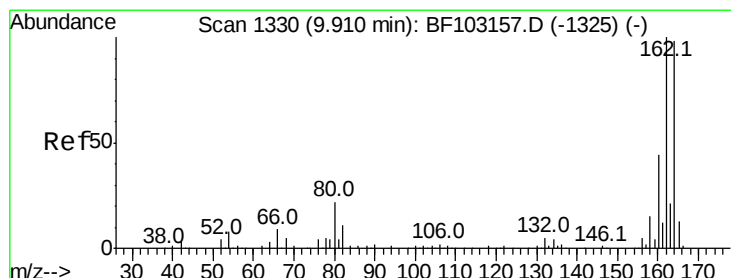
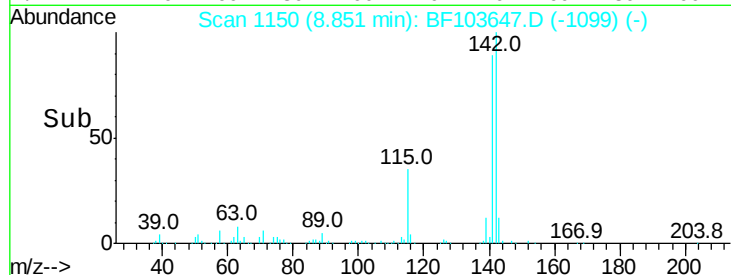
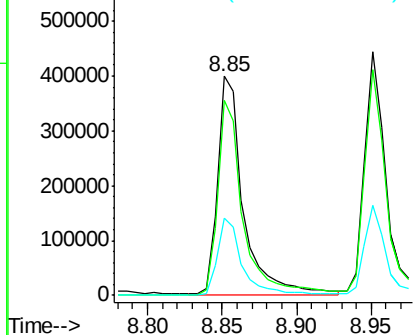
#37
 2-Methylnaphthalene
 Concen: 33.035 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 485054
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 35.4 26.1 39.1

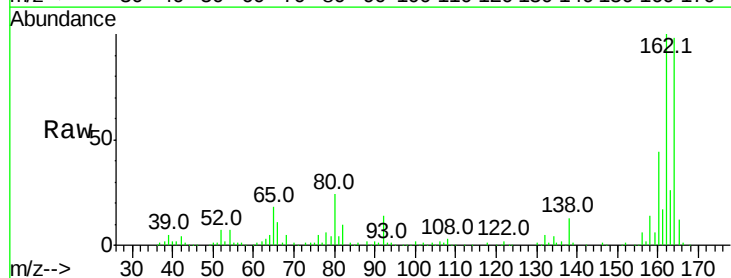


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

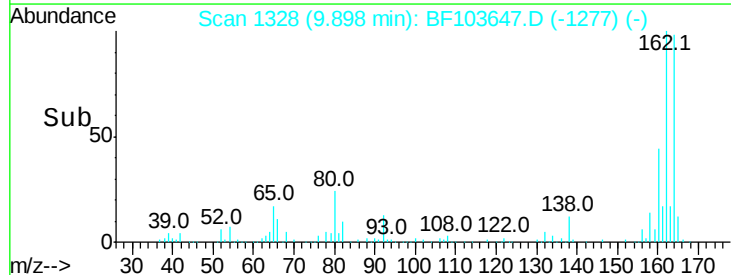
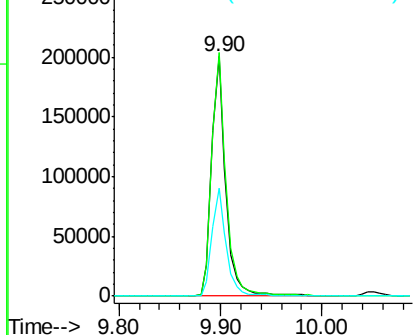


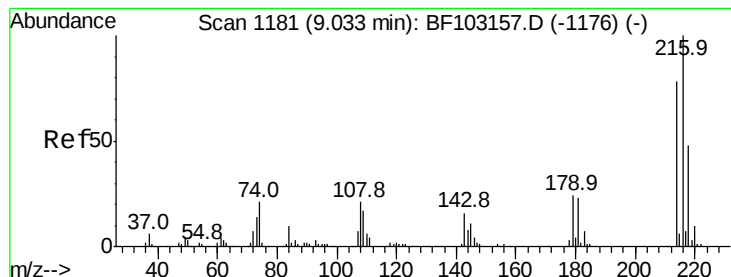
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:164 Resp: 195430
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 44.9 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: 33.288 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 177845

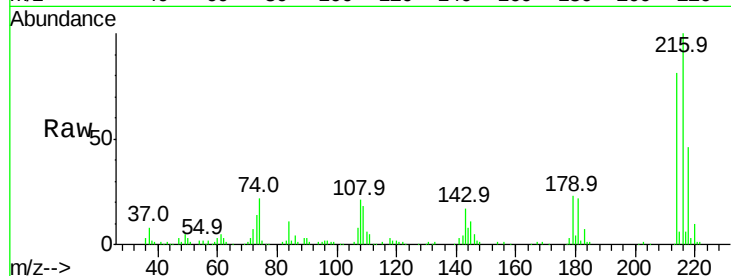
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.6 18.1 27.1

108 21.5 17.2 25.8

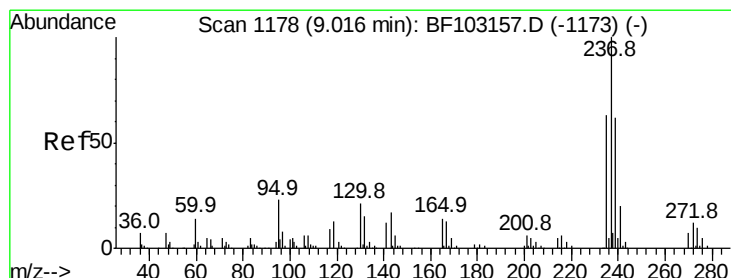
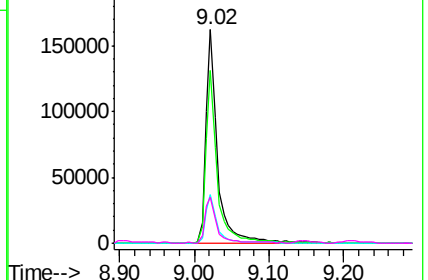
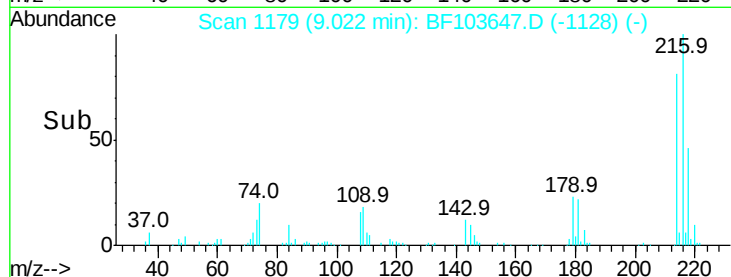


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.060 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

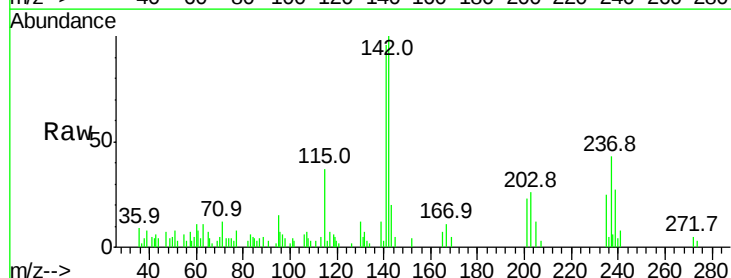
Tgt Ion:237 Resp: 4614

Ion Ratio Lower Upper

237 100

235 59.2 44.8 84.8

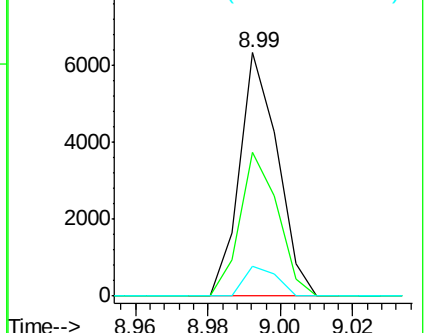
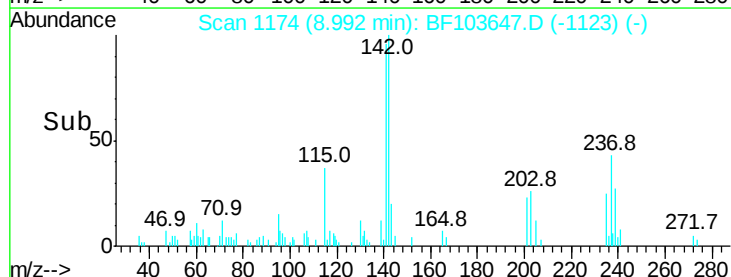
272 12.1 0.0 33.3

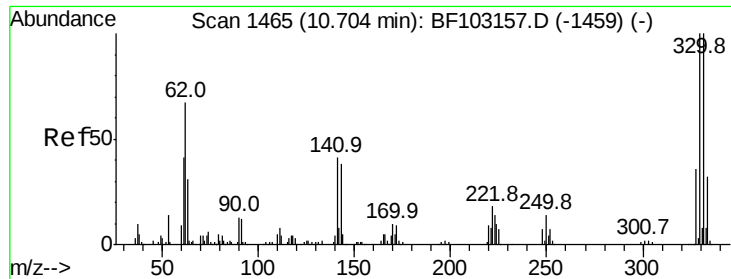


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

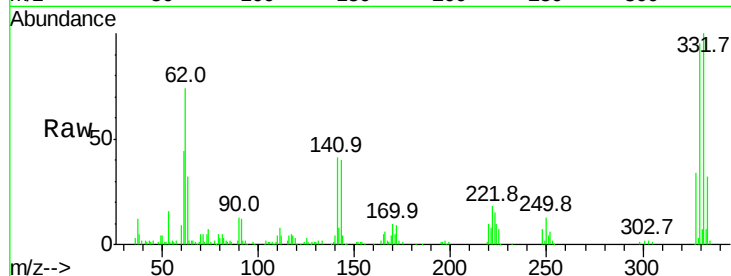




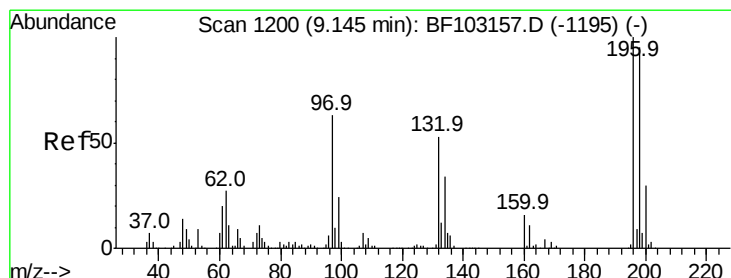
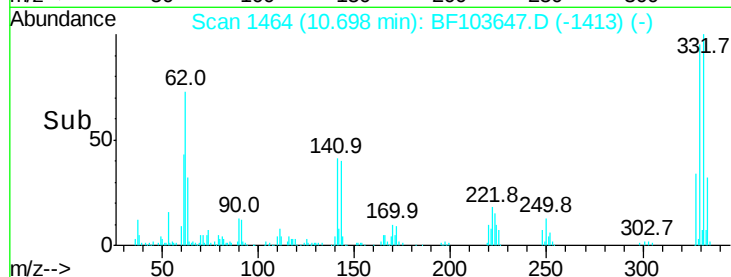
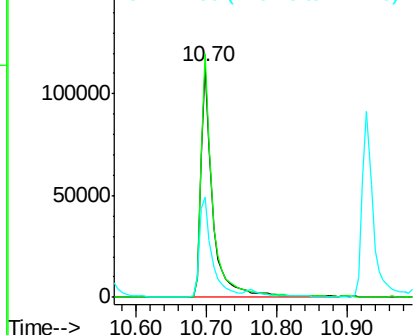
#41
 2,4,6-Tribromophenol
 Concen: 83.036 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 137359
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 45.0 29.9 44.9#

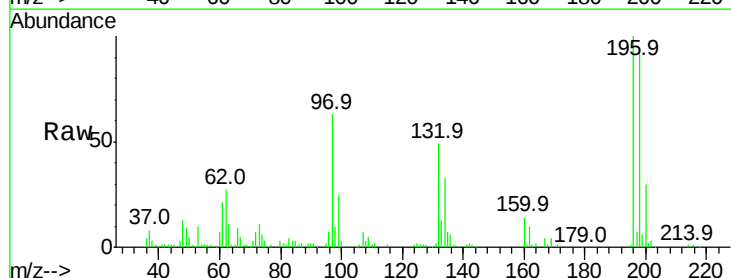


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

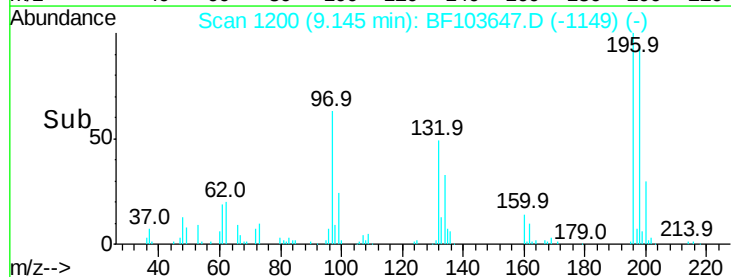
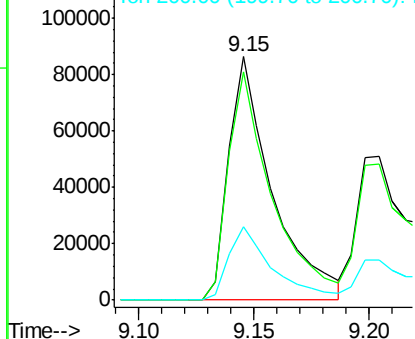


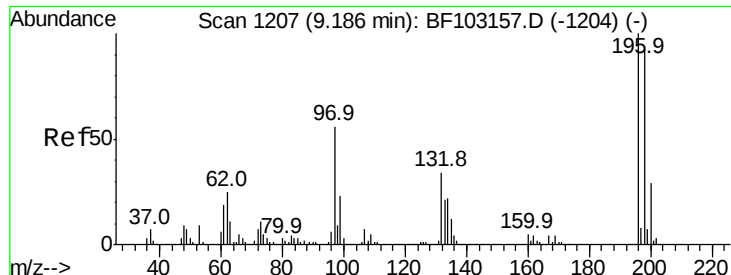
#42
 2,4,6-Trichlorophenol
 Concen: 31.620 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:196 Resp: 113672
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 30.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

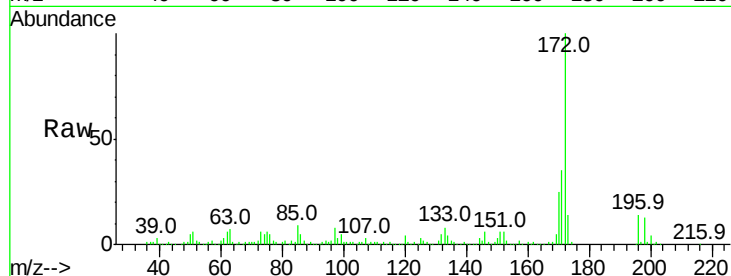




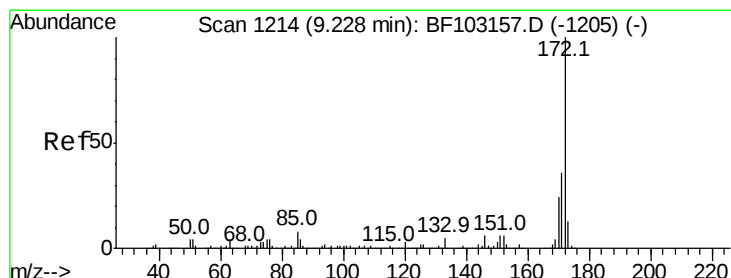
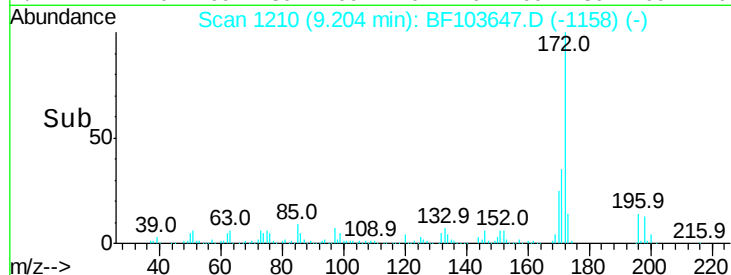
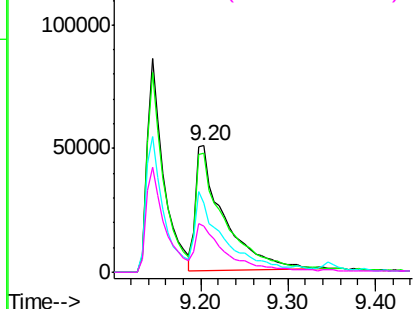
#43
 2,4,5-Trichlorophenol
 Concen: 28.089 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 116140
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 54.8 42.9 64.3
 132 36.2 26.3 39.5

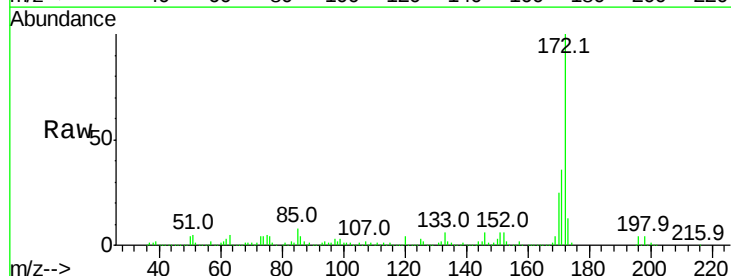


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

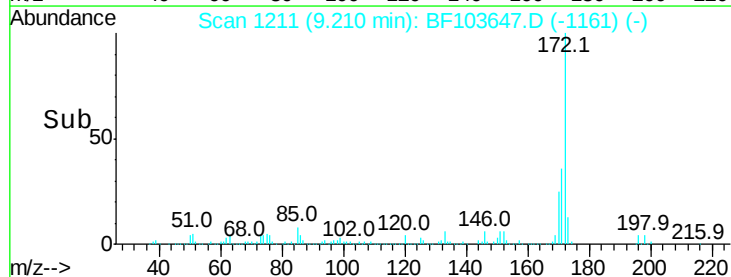
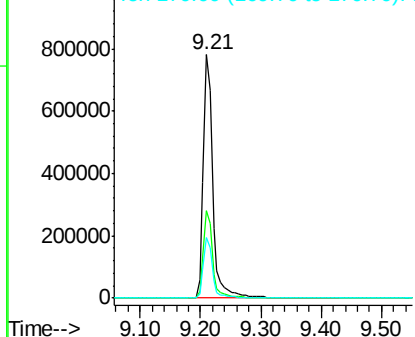


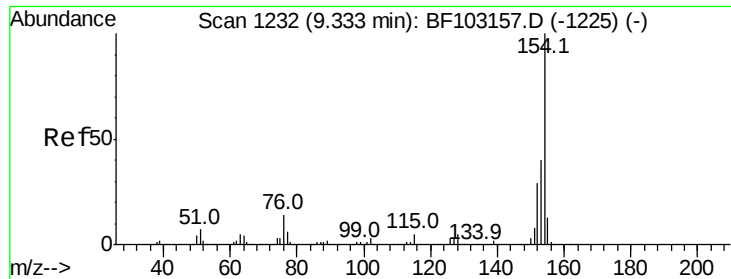
#44
 2-Fluorobiphenyl
 Concen: 73.224 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:172 Resp: 858816
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.8 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: 33.024 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

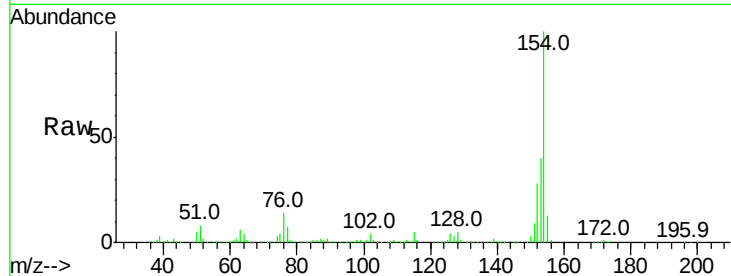
Tot Ion:154 Resp: 540811

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

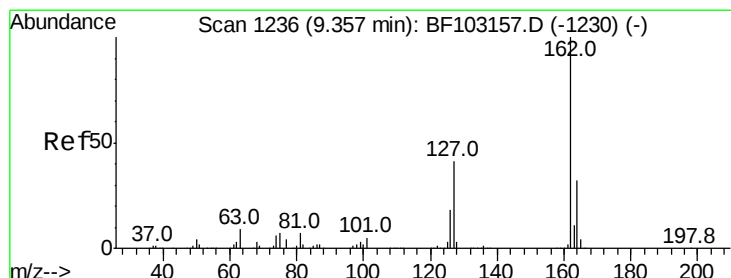
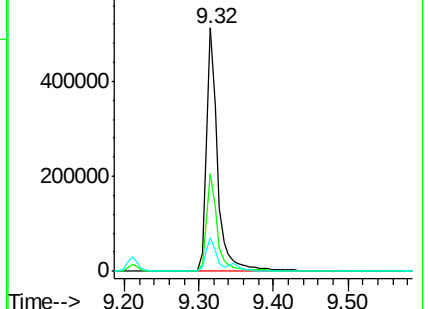
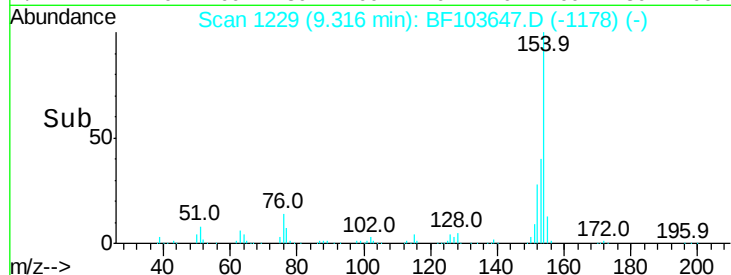
76 14.1 0.0 34.0



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: 32.179 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

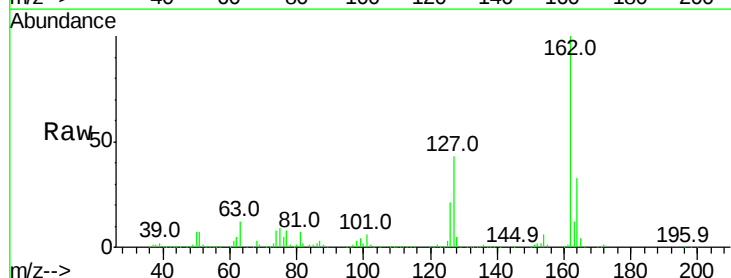
Tgt Ion:162 Resp: 416902

Ion Ratio Lower Upper

162 100

127 42.8 33.9 50.9

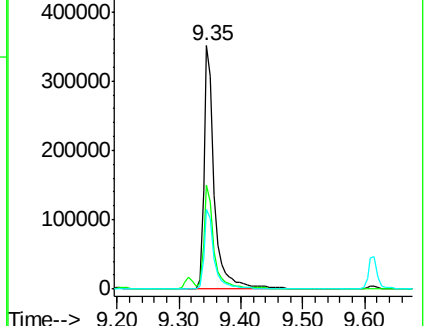
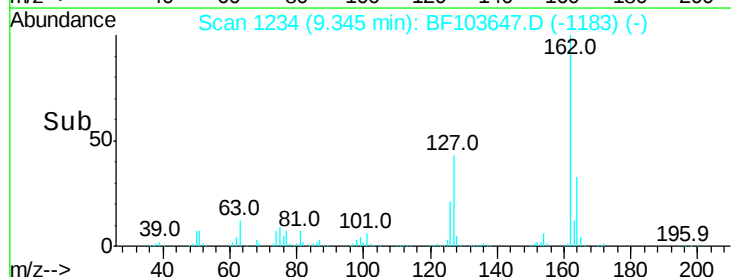
164 33.0 26.5 39.7

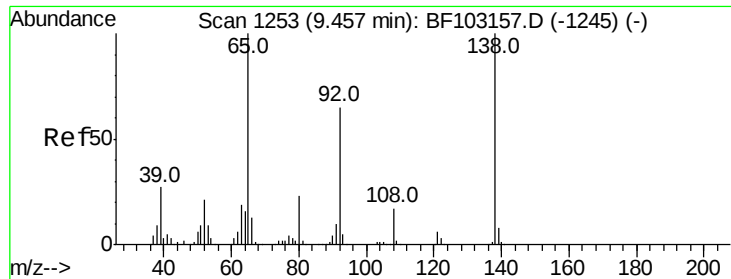


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

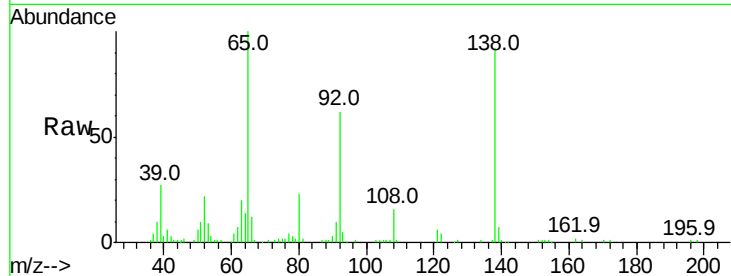




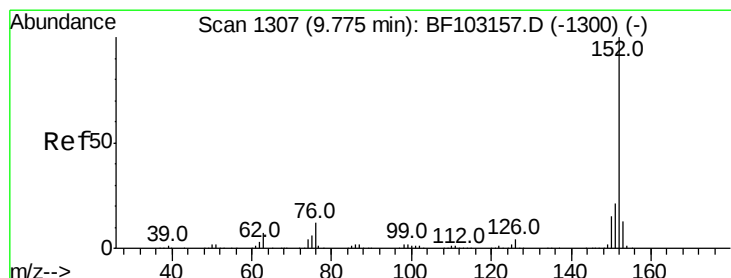
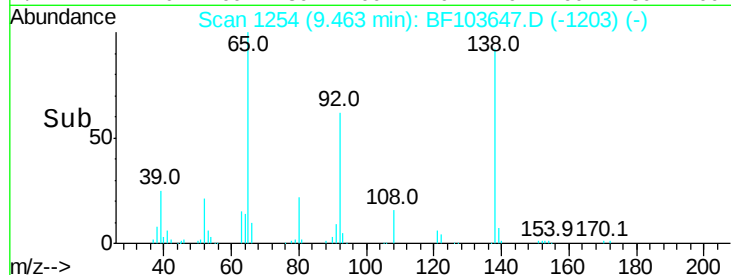
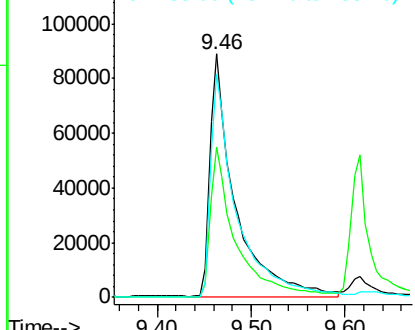
#47
2-Nitroaniline
Concen: 35.312 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 169464
Ion Ratio Lower Upper
65 100
92 61.6 55.8 83.6
138 91.7 91.2 136.8

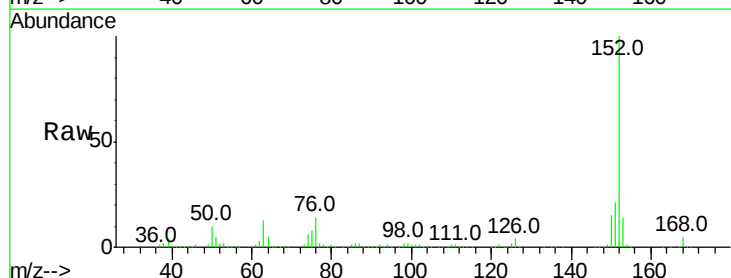


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

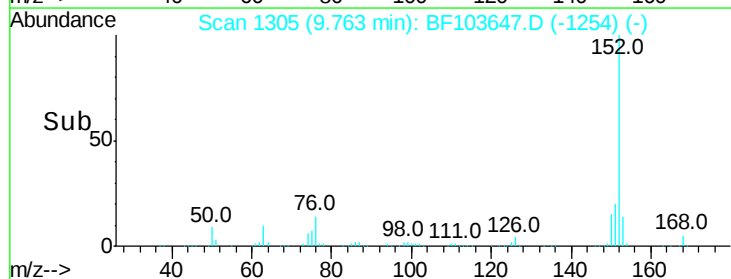
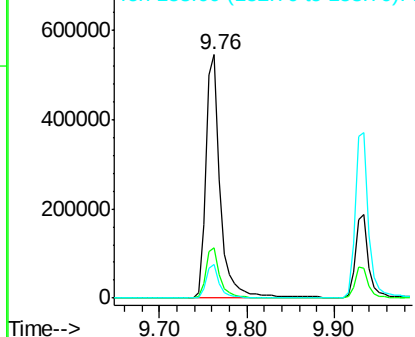


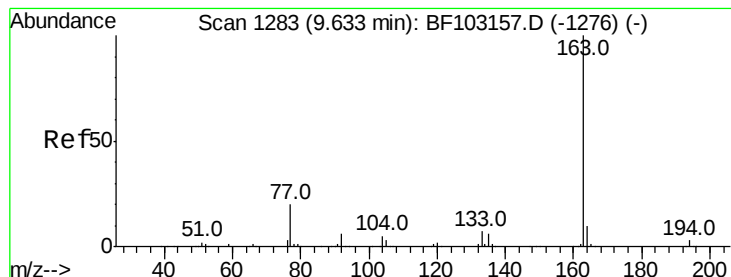
#48
Acenaphthylene
Concen: 31.358 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion: 152 Resp: 625083
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 31.838 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

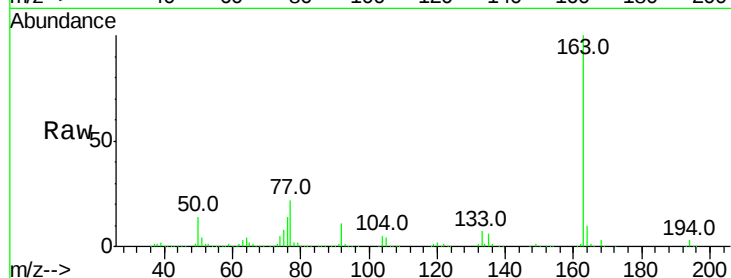
Tot Ion:163 Resp: 499150

Ion Ratio Lower Upper

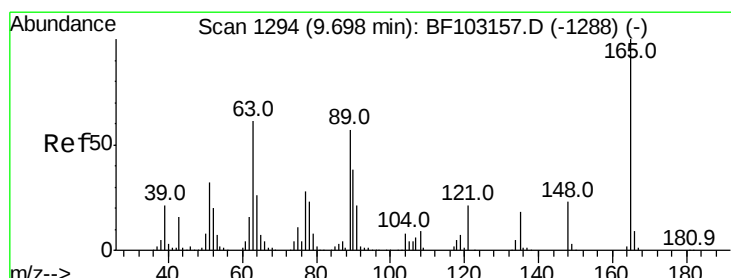
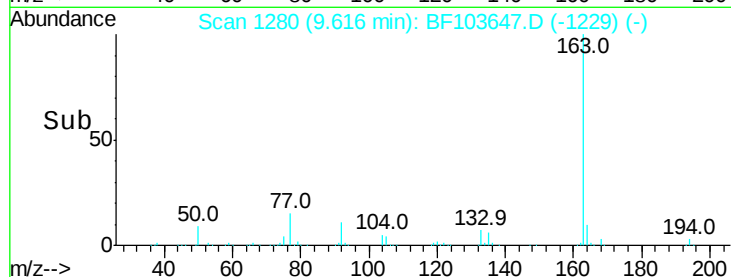
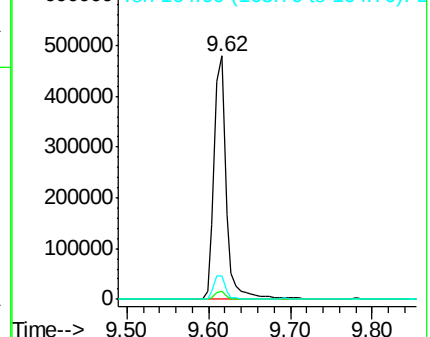
163 100

194 3.3 2.7 4.1

164 9.8 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: 30.337 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

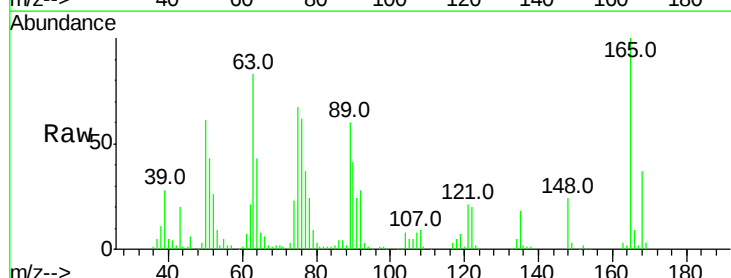
Tgt Ion:165 Resp: 99808

Ion Ratio Lower Upper

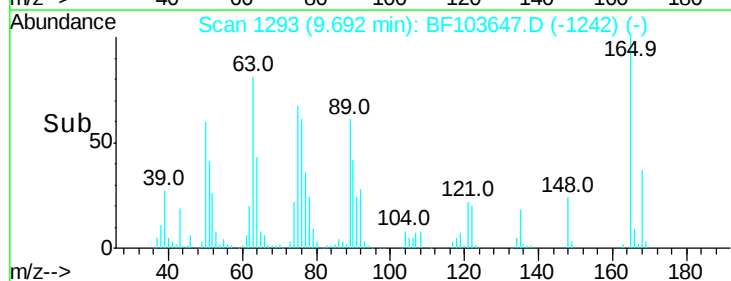
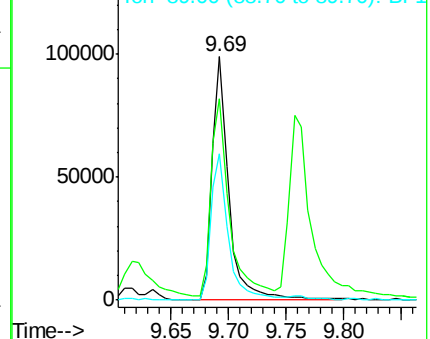
165 100

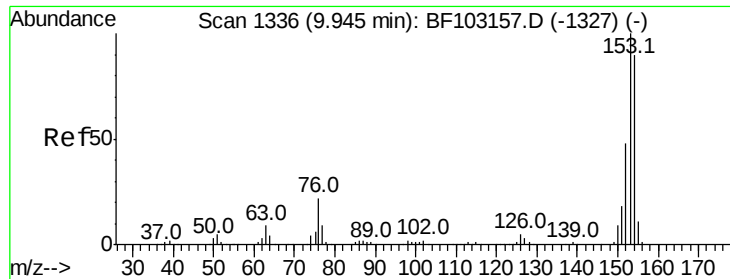
63 82.5 44.7 67.1#

89 60.3 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: 30.728 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

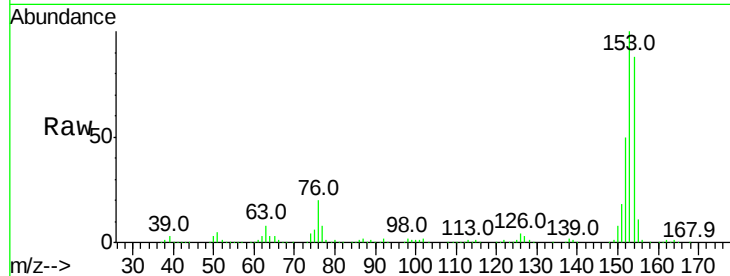
Tot Ion:154 Resp: 357174

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

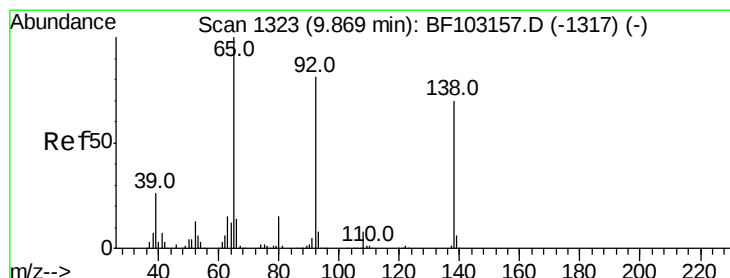
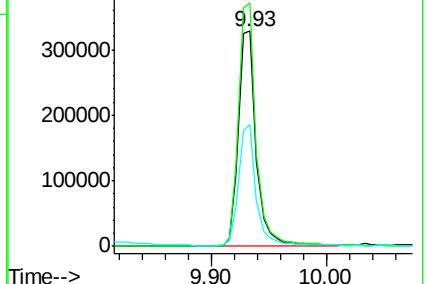
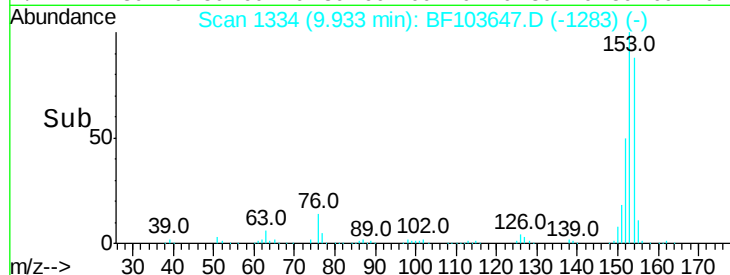
152 57.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.581 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

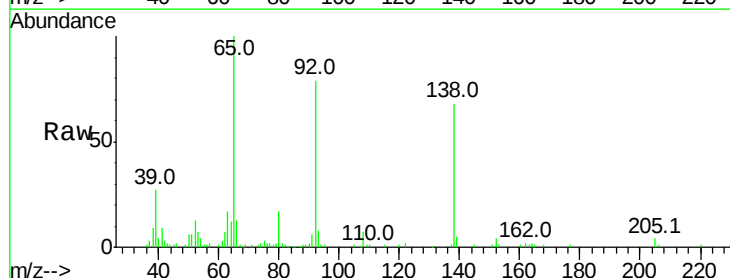
Tgt Ion:138 Resp: 110952

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

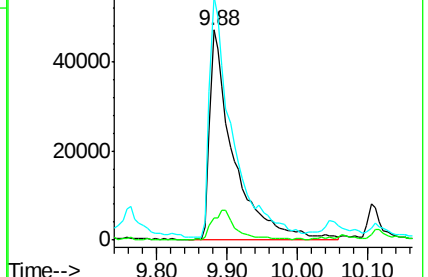
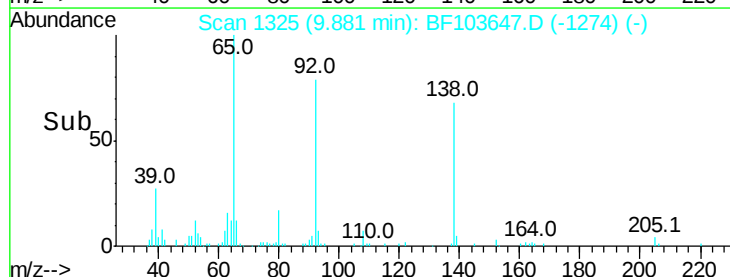
92 115.8 89.4 134.2

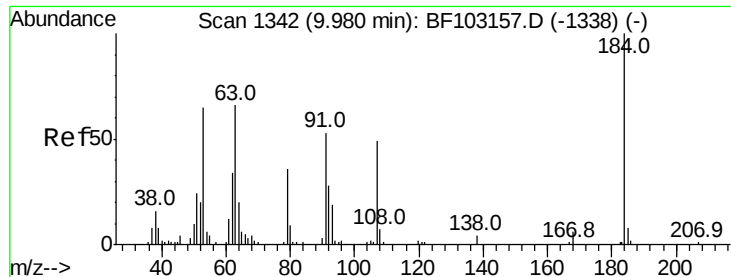


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

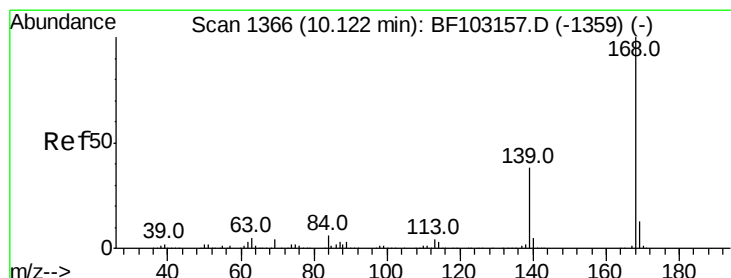
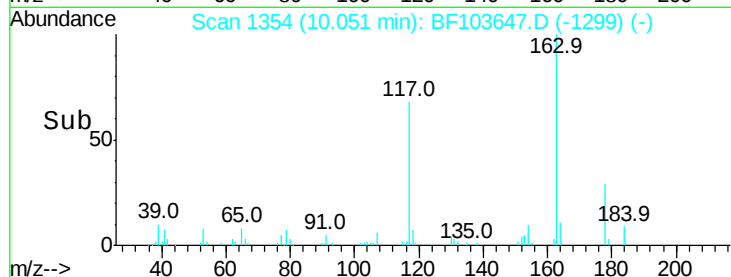
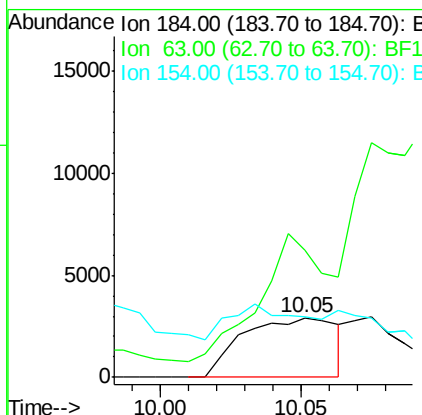
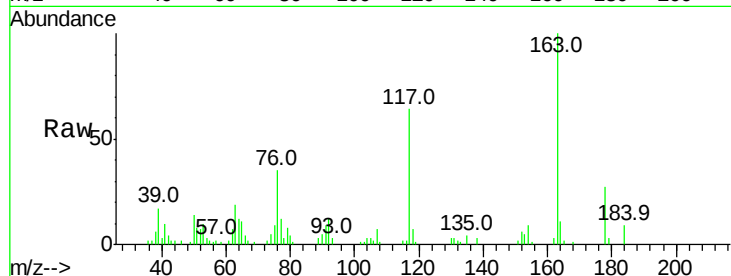




#53
2,4-Dinitrophenol
Concen: 14.632 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

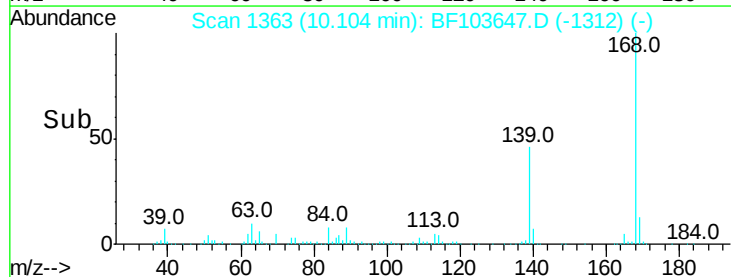
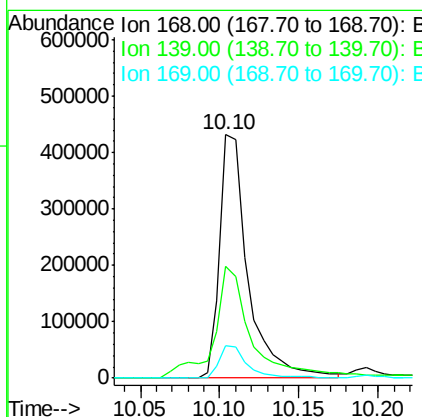
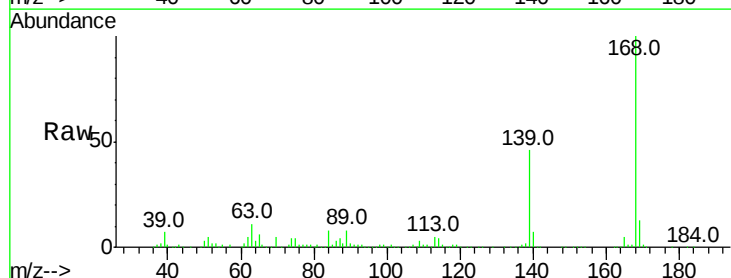
Instrument :
BNA_F
ClientSampleId :

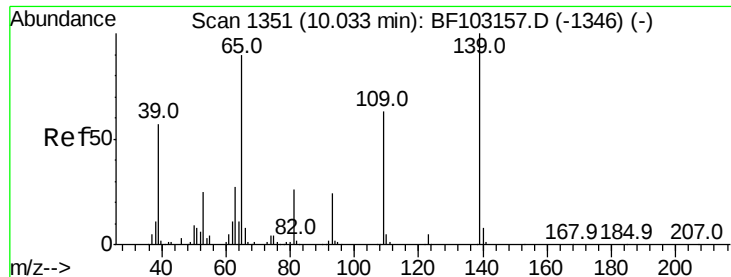
Tot Ion:184 Resp: 6769
Ion Ratio Lower Upper
184 100
63 213.1 54.2 81.2#
154 102.3 184.0 276.0#



#54
Dibenzofuran
Concen: 33.774 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:168 Resp: 538908
Ion Ratio Lower Upper
168 100
139 45.9 30.1 45.1#
169 13.4 10.9 16.3

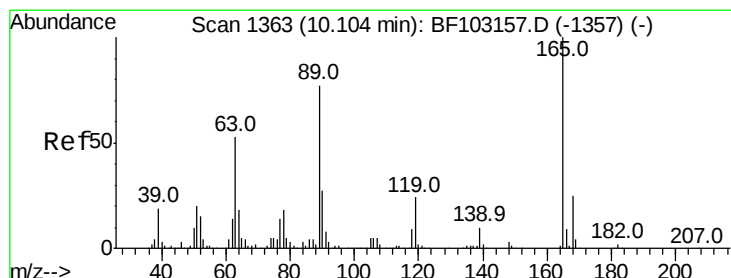
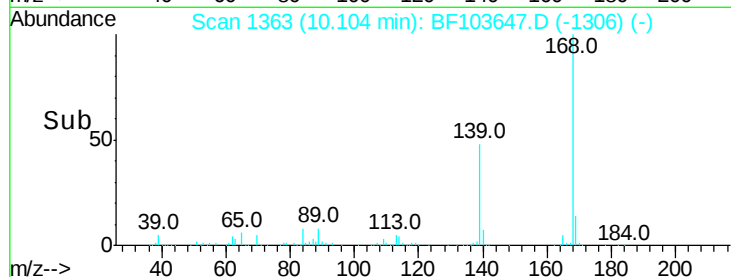
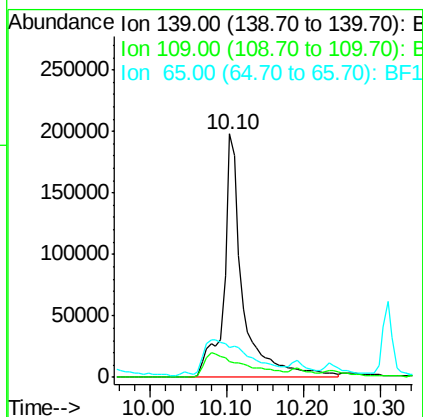
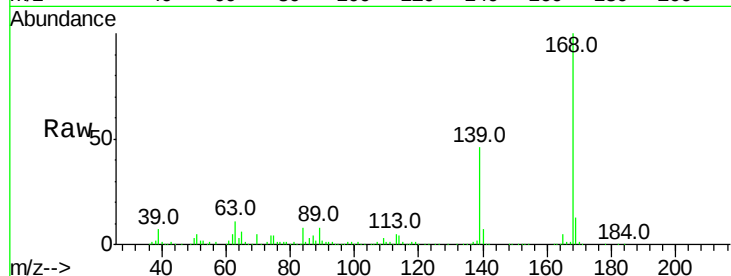




#55
4-Nitrophenol
Concen: 132.066 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.04 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

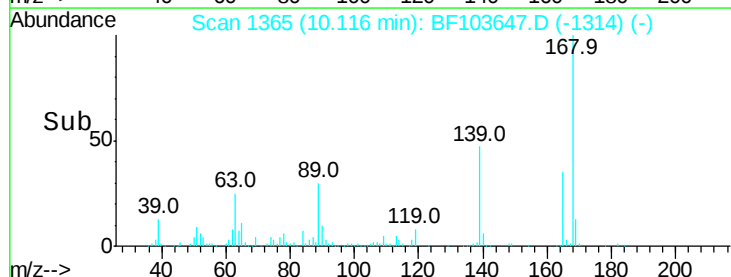
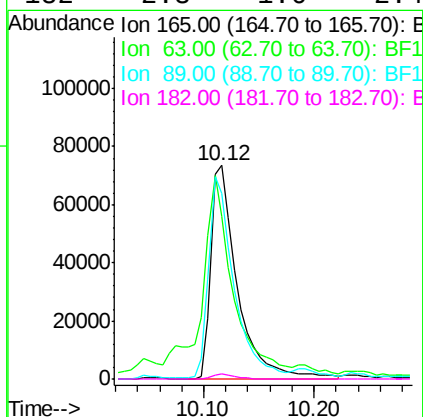
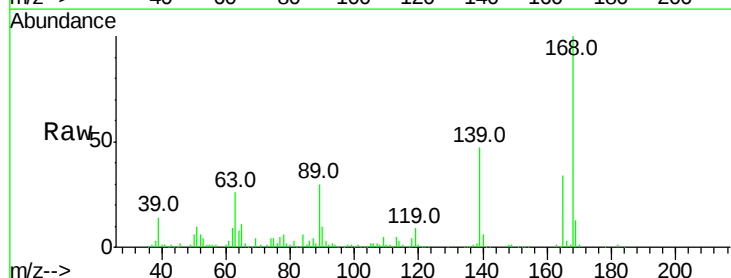
Instrument :
BNA_F
ClientSampleId :

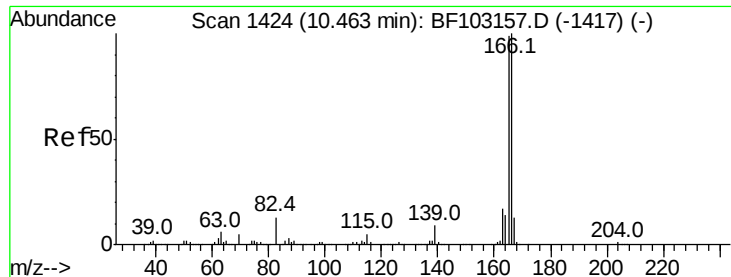
Tot Ion:139 Resp: 341655
Ion Ratio Lower Upper
139 100
109 6.7 48.4 88.4#
65 12.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 29.295 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:165 Resp: 121898
Ion Ratio Lower Upper
165 100
63 76.2 36.4 54.6#
89 86.7 57.8 86.6#
182 2.3 1.6 2.4





#57

Fluorene

Concen: 29.786 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

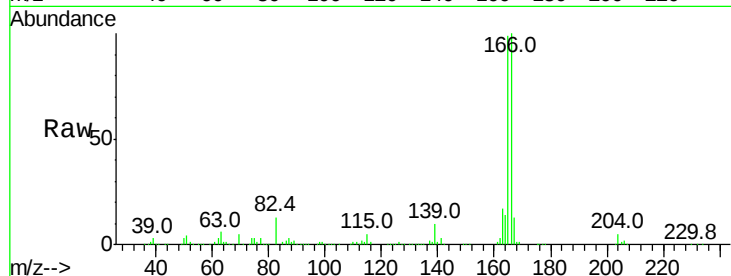
Tot Ion:166 Resp: 404864

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

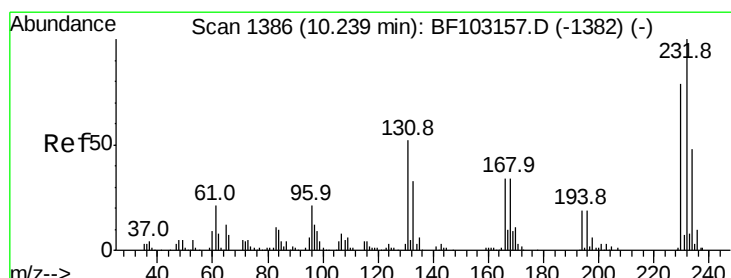
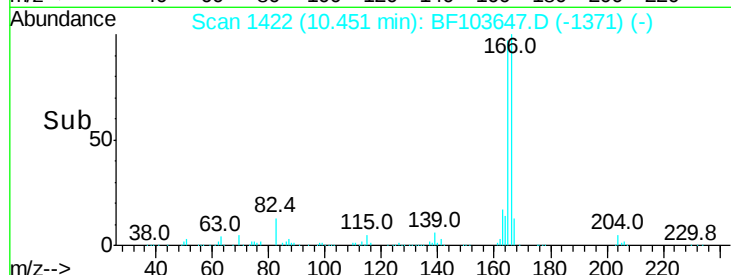
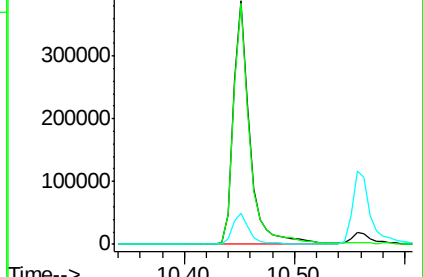
167 13.0 10.6 16.0



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: 29.452 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:232 Resp: 81806

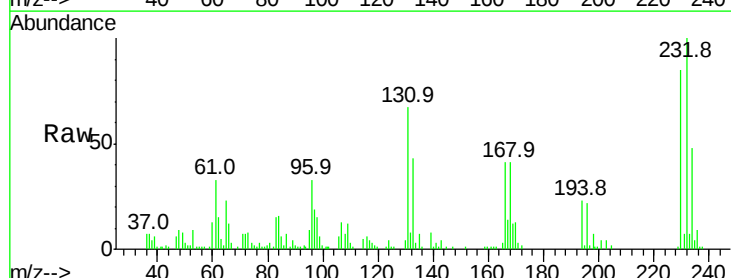
Ion Ratio Lower Upper

232 100

131 55.9 43.8 65.8

130 3.1 2.1 3.1

166 38.6 27.8 41.6

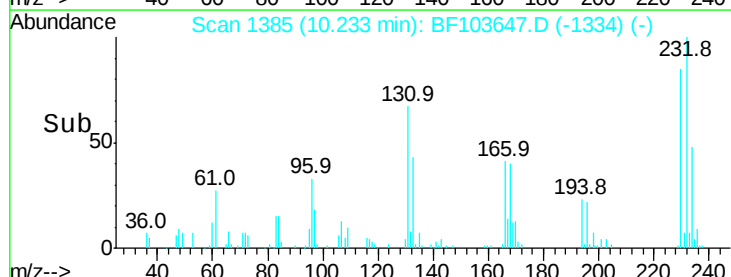
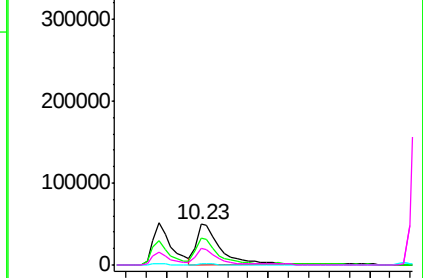


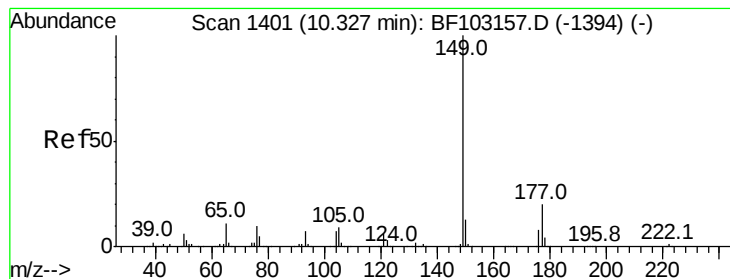
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.688 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

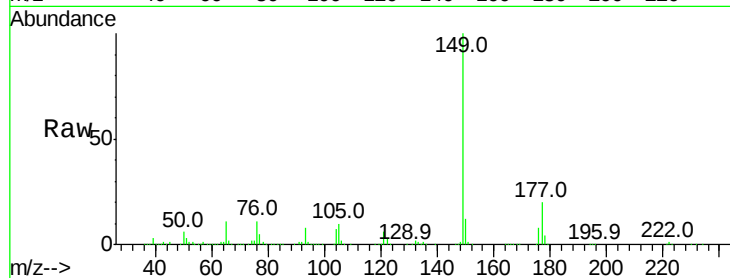
Tot Ion:149 Resp: 490145

Ion Ratio Lower Upper

149 100

177 20.2 16.1 24.1

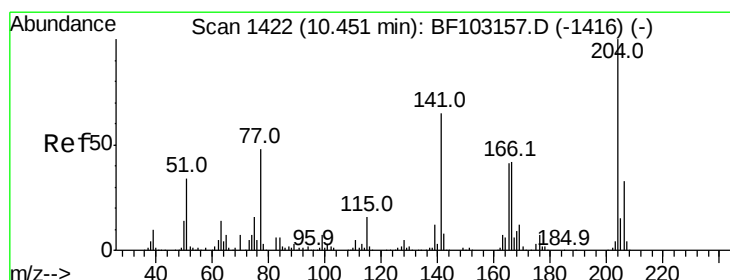
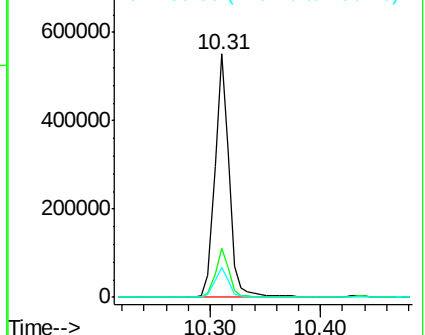
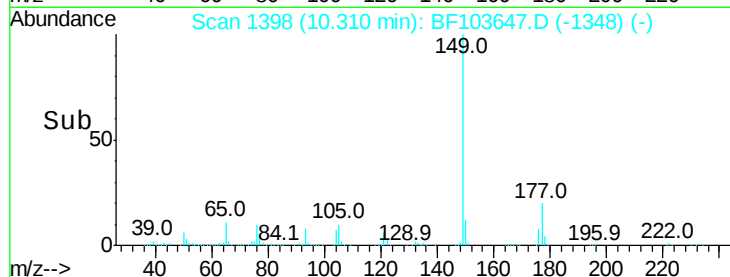
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.099 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

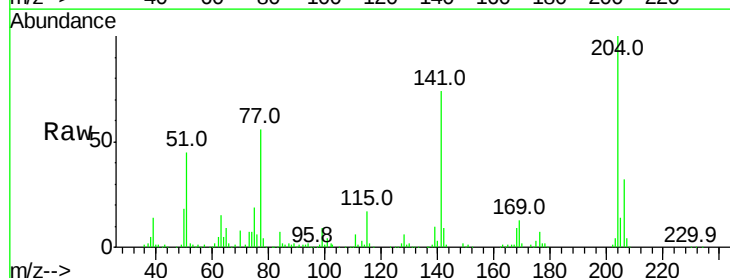
Tgt Ion:204 Resp: 185022

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

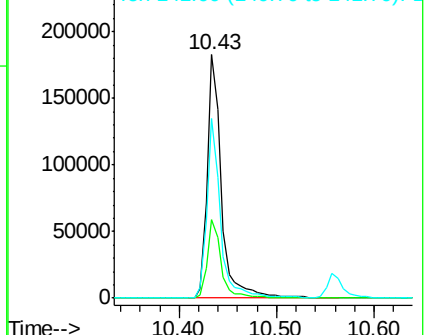
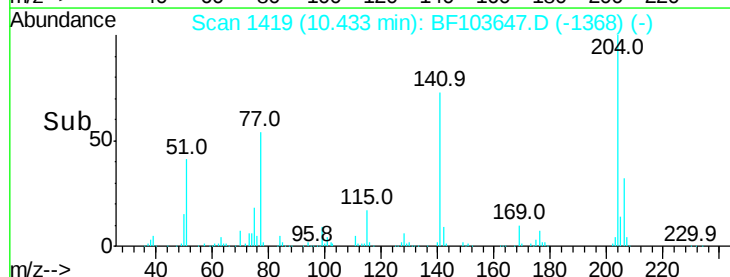
141 73.6 54.6 81.8

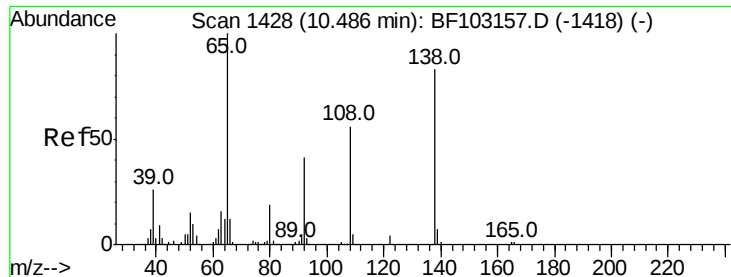


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

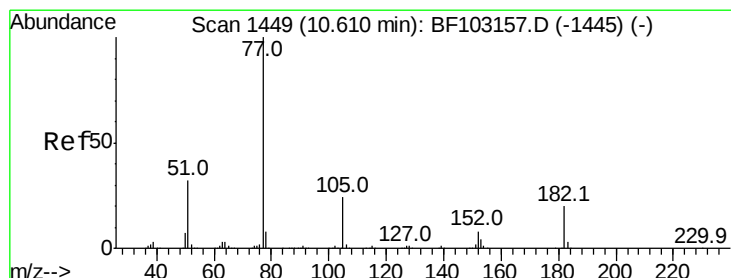
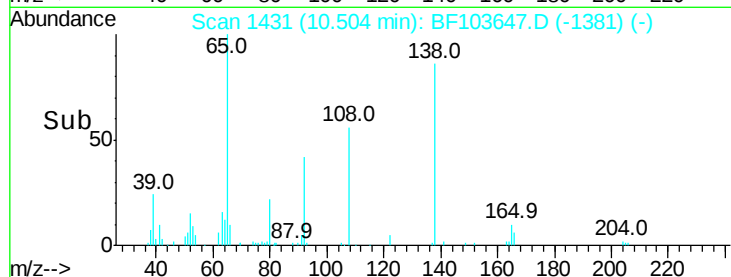
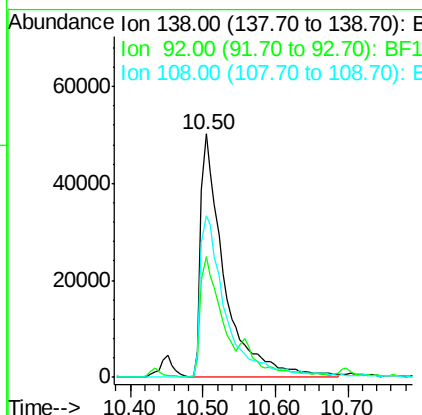
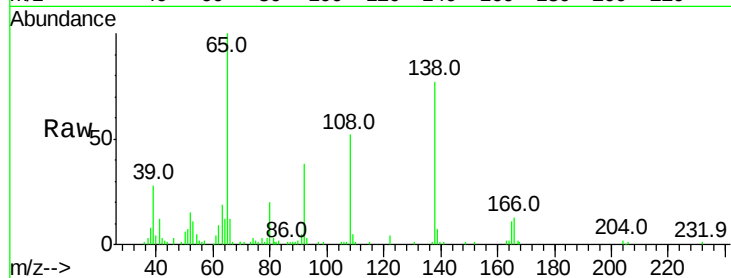




#61
4-Nitroaniline
Concen: 27.312 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

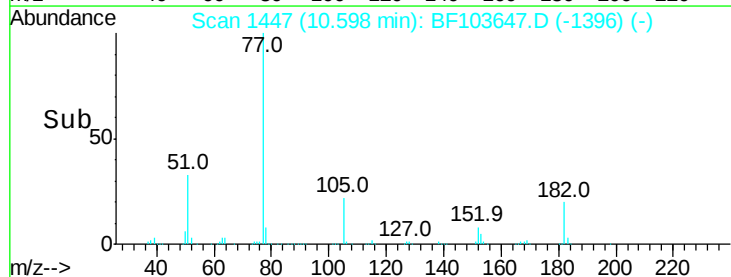
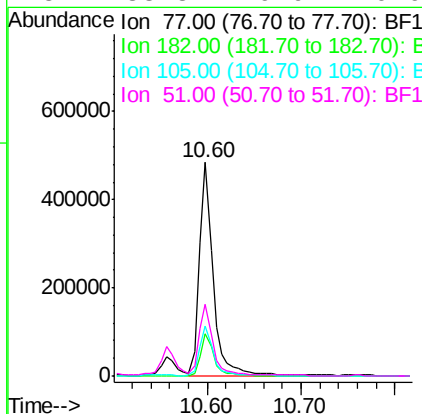
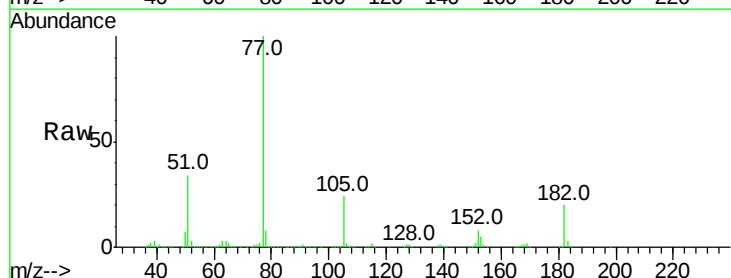
Instrument :
BNA_F
ClientSampleId :

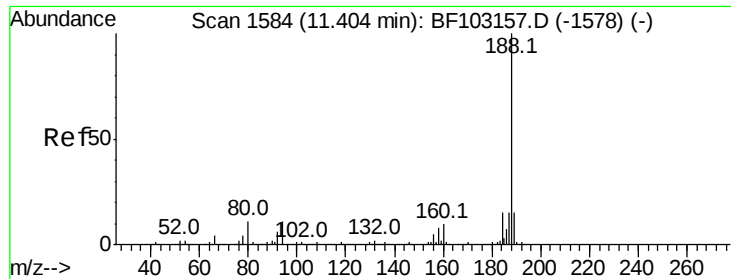
Tot Ion:138 Resp: 113867
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 66.6 52.5 92.5



#62
Azobenzene
Concen: 32.243 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion: 77 Resp: 492113
Ion Ratio Lower Upper
77 100
182 19.5 1.7 41.7
105 23.6 3.0 43.0
51 33.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

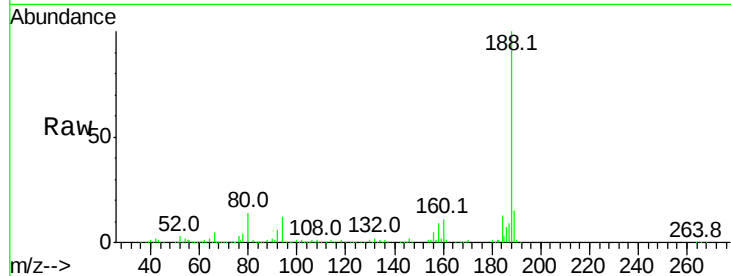
Tot Ion:188 Resp: 296961

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

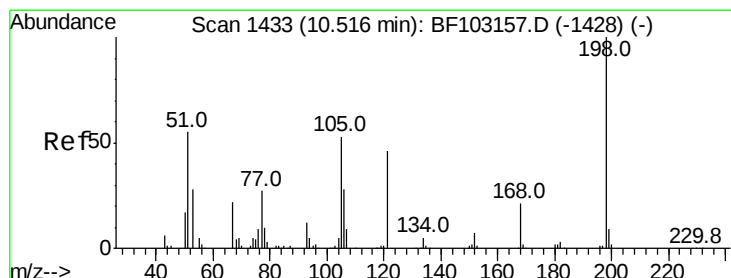
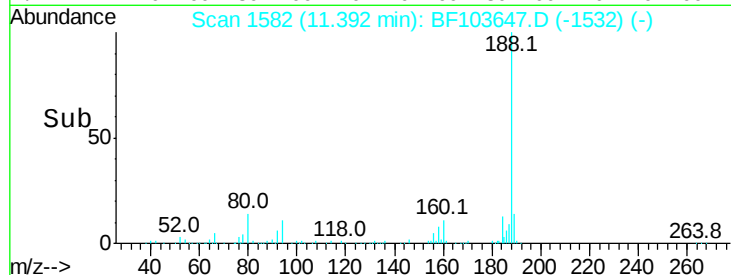
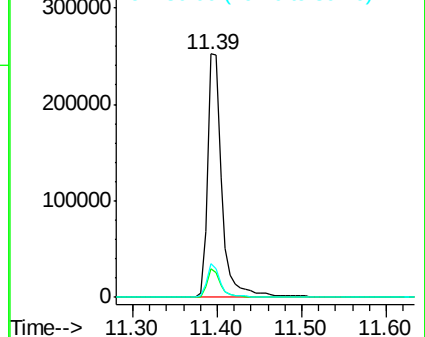
80 13.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 11.221 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

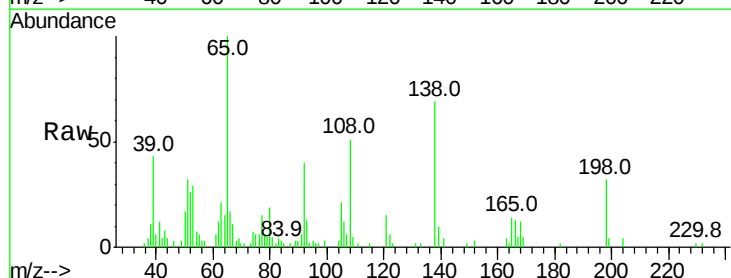
Tgt Ion:198 Resp: 12641

Ion Ratio Lower Upper

198 100

51 99.8 37.7 77.7#

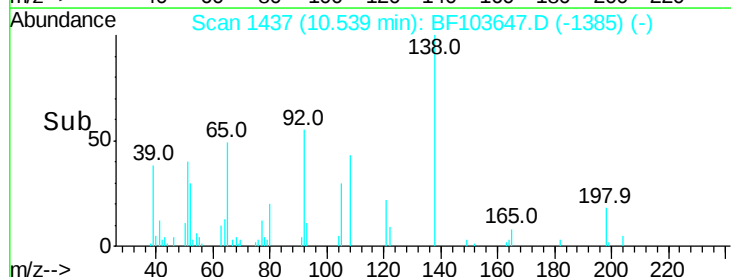
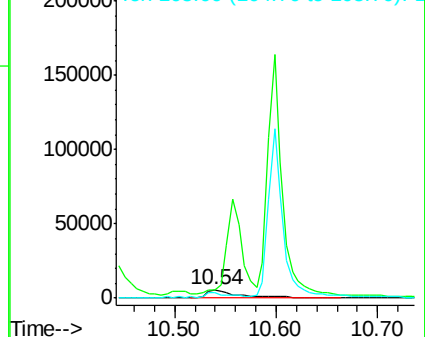
105 64.0 36.3 76.3

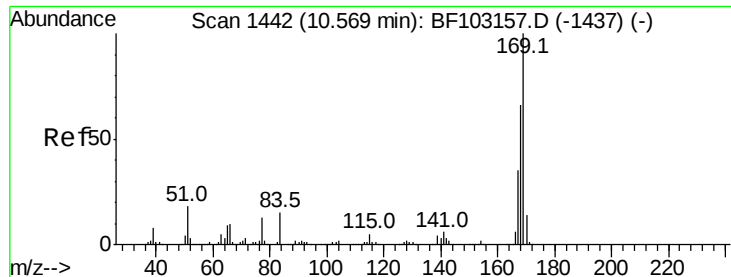


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.744 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

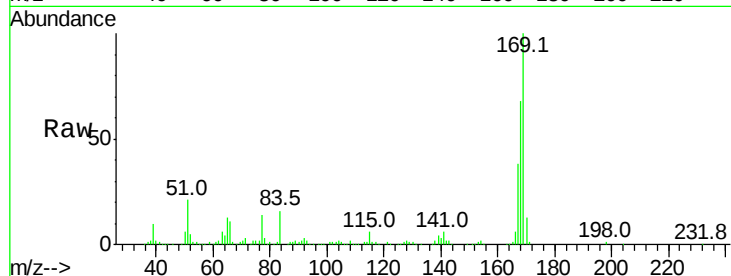
Tot Ion:169 Resp: 359246

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

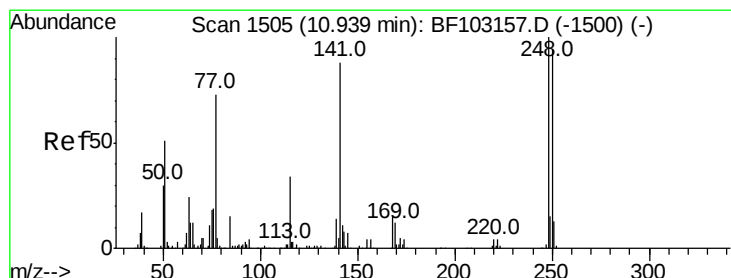
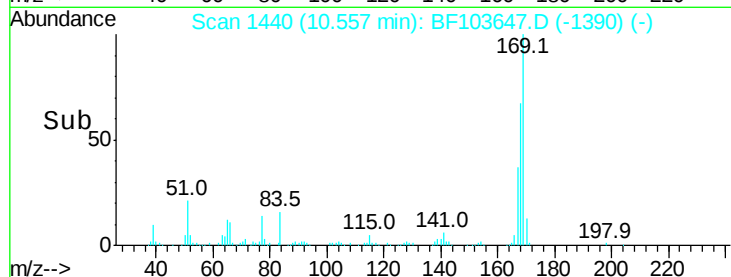
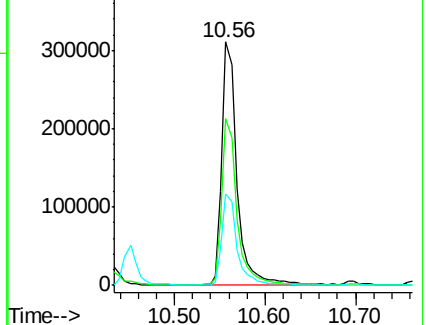
167 37.6 29.8 44.6



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: 32.823 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

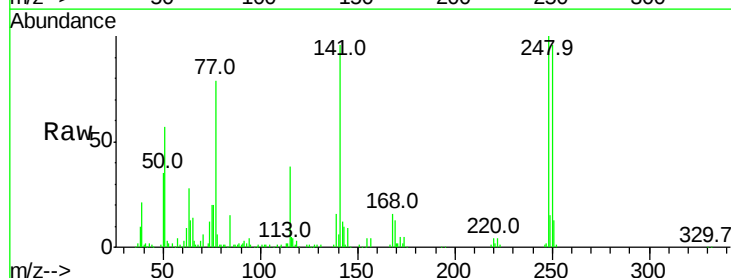
Tgt Ion:248 Resp: 101537

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

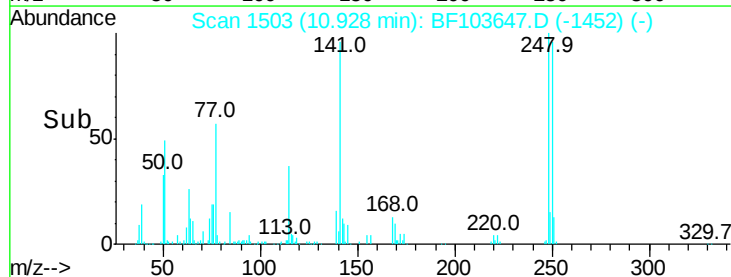
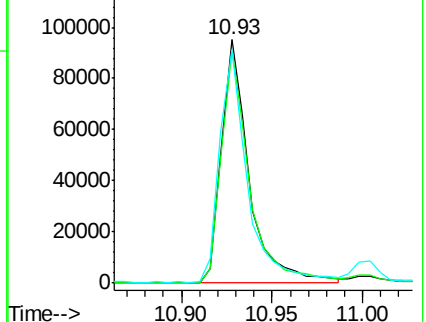
141 96.1 74.4 111.6

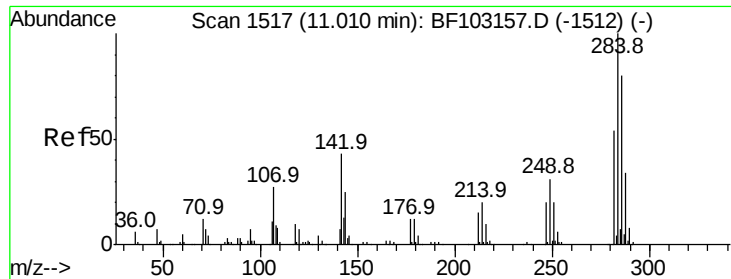


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

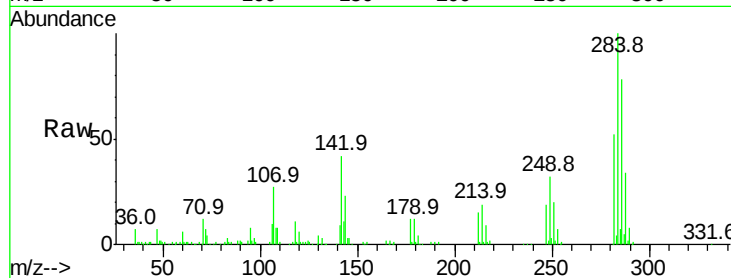




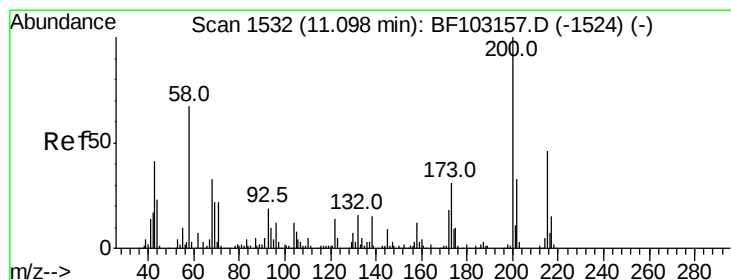
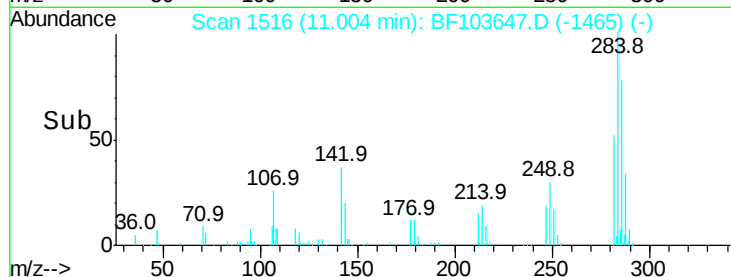
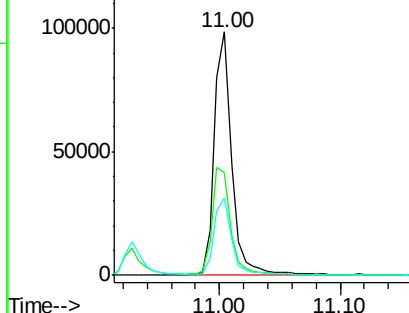
#67
Hexachlorobenzene
Concen: 29.206 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.5	34.6	52.0
249	31.9	24.8	37.2

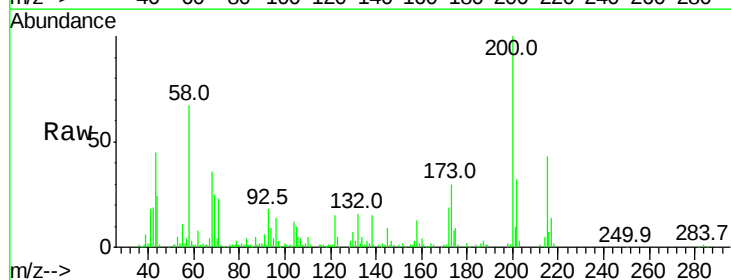


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

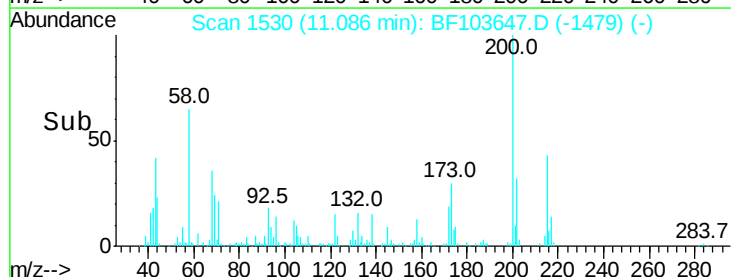
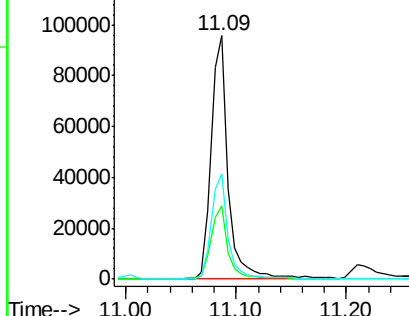


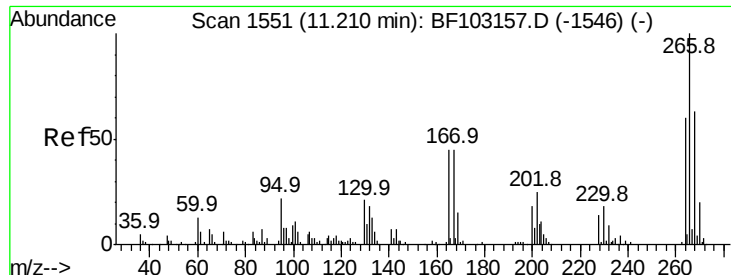
#68
Atrazine
Concen: 32.291 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	8.6	48.6
215	43.5	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

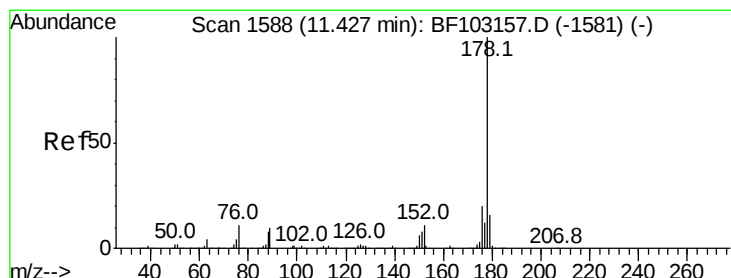
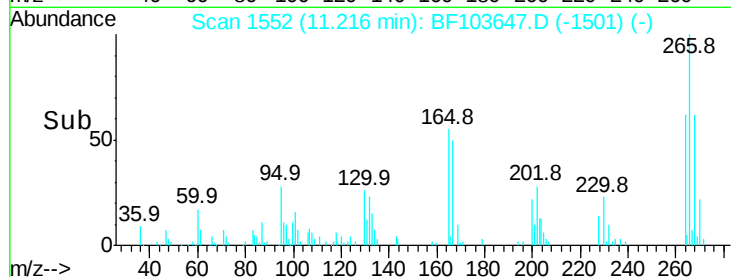
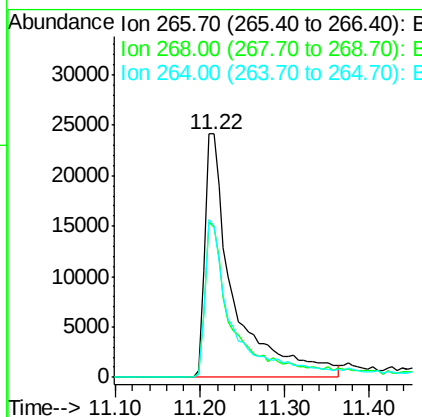
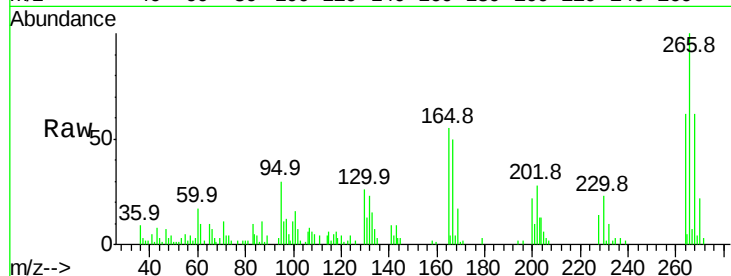




#69
 Pentachlorophenol
 Concen: 35.446 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

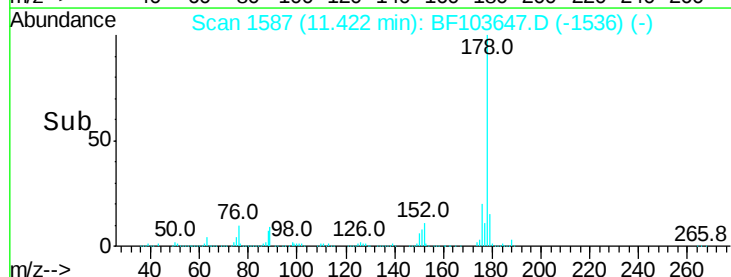
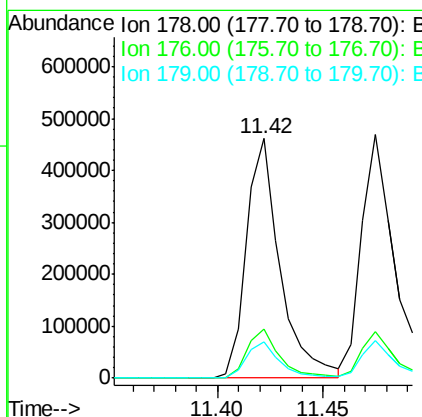
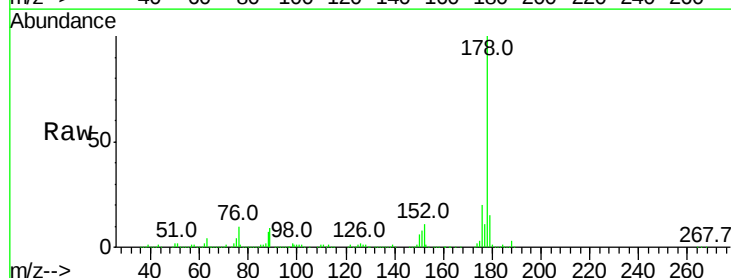
Instrument :
 BNA_F
 ClientSampled :

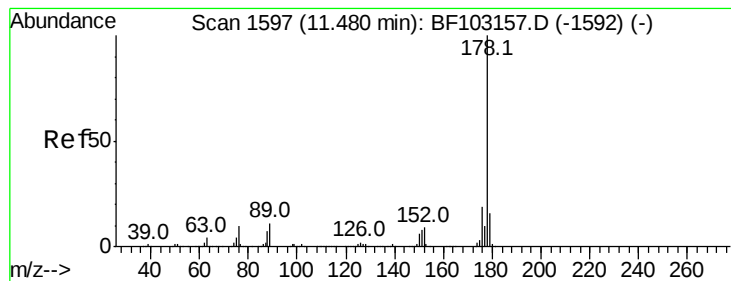
Tot Ion:266 Resp: 57545
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.1 76.7
 264 62.1 49.5 74.3



#70
 Phenanthrene
 Concen: 31.326 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:178 Resp: 511953
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.3 13.0 19.6





#71

Anthracene

Concen: 33.923 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

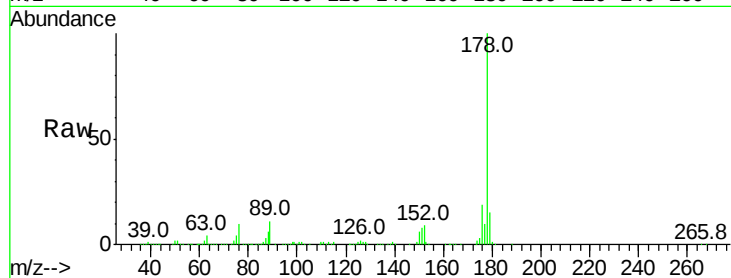
Tot Ion:178 Resp: 568500

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

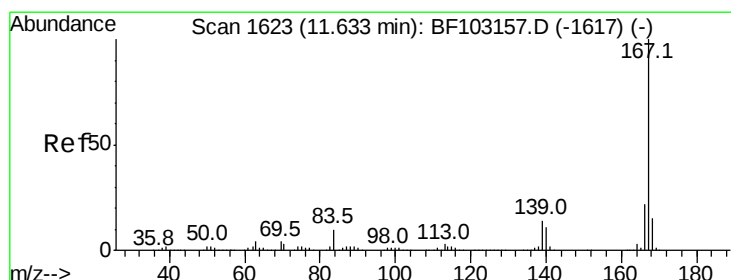
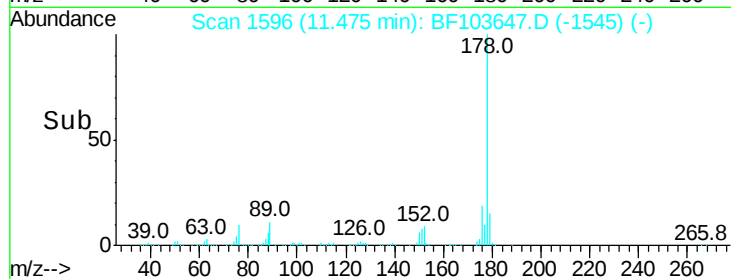
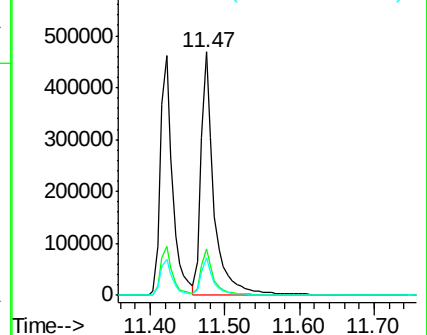
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 30.989 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

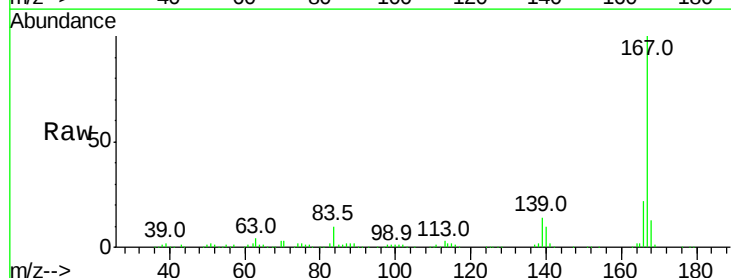
Tgt Ion:167 Resp: 517158

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

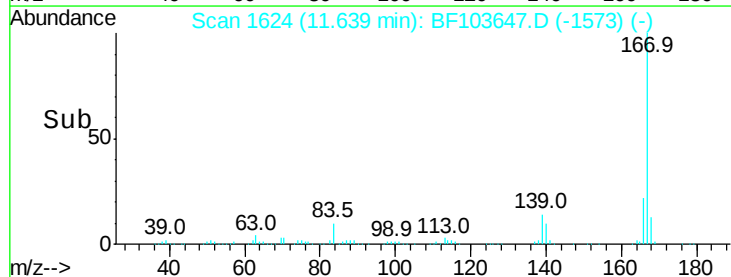
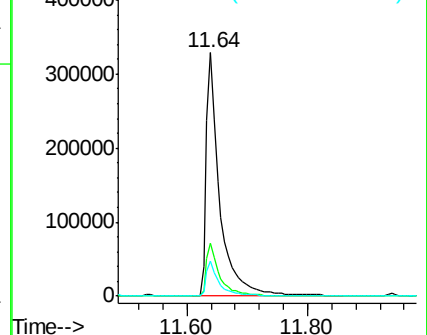
139 14.5 10.9 16.3

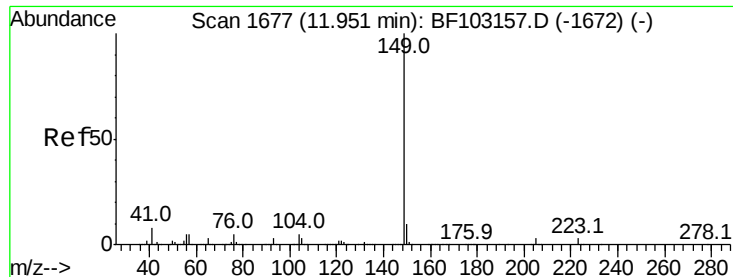


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.938 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

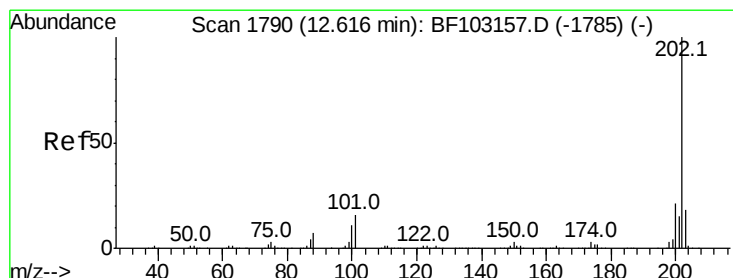
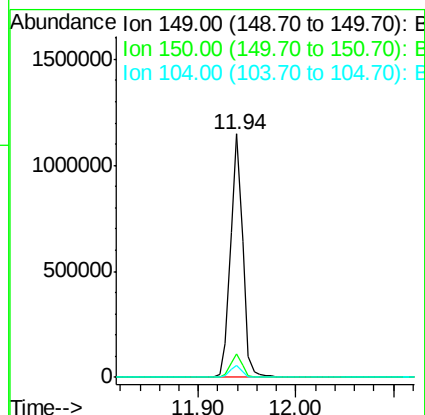
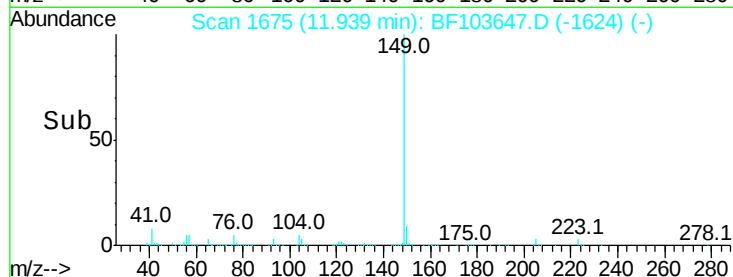
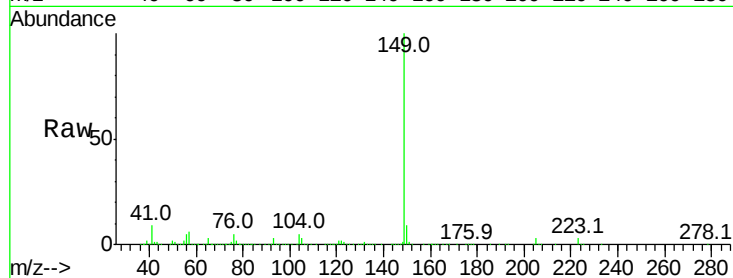
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1001049

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8



#74

Fluoranthene

Concen: 30.145 ng

RT: 12.62 min Scan# 1790

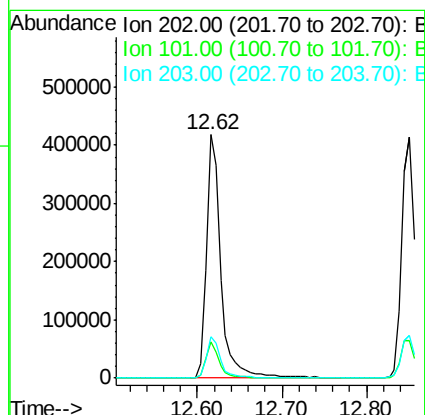
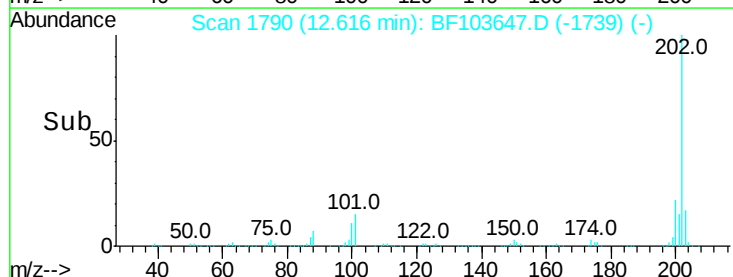
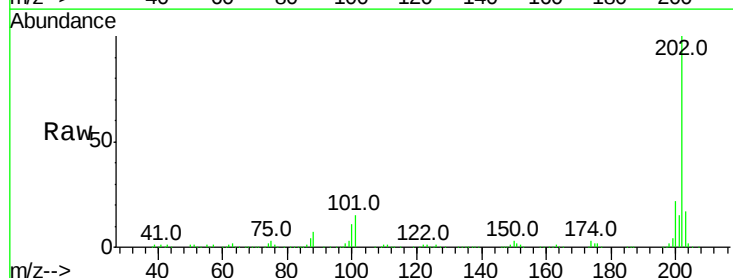
Delta R.T. 0.00 min

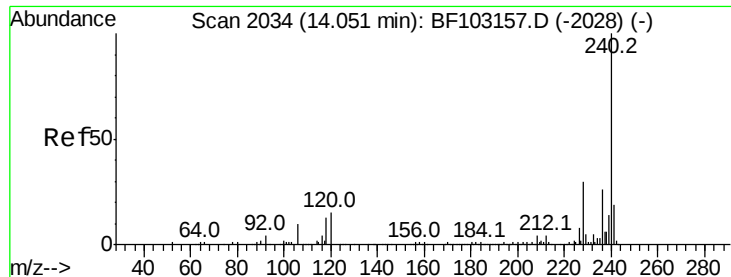
Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:202 Resp: 495067

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

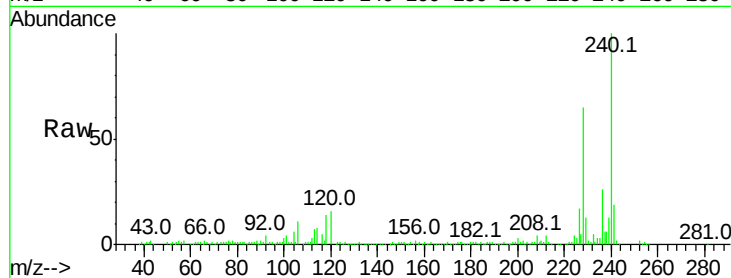
Tot Ion:240 Resp: 190250

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

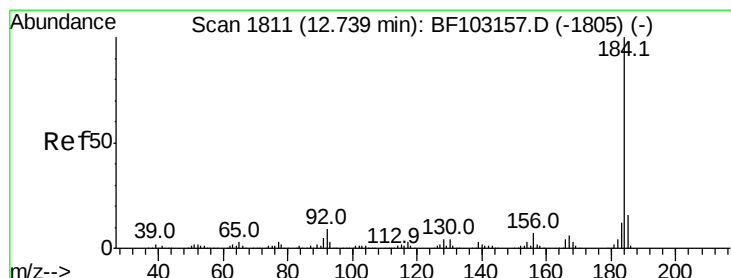
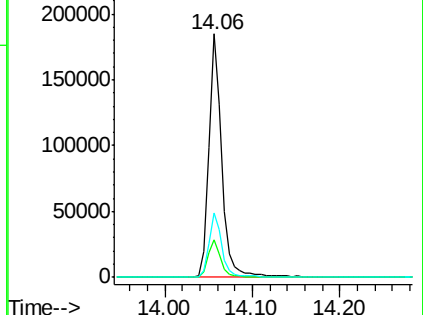
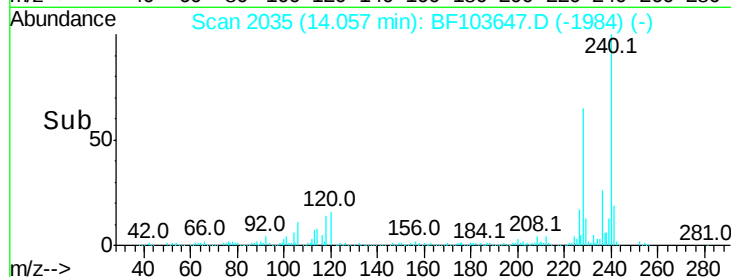
236 26.2 20.7 31.1



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: 28.232 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

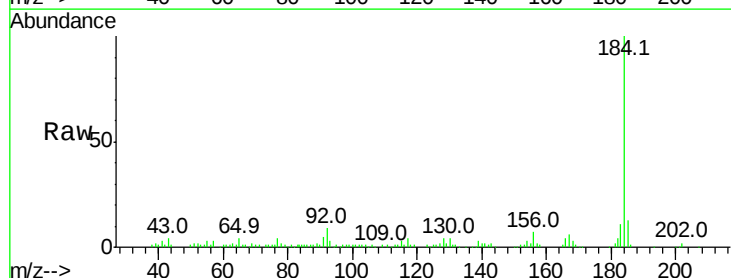
Tgt Ion:184 Resp: 200800

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

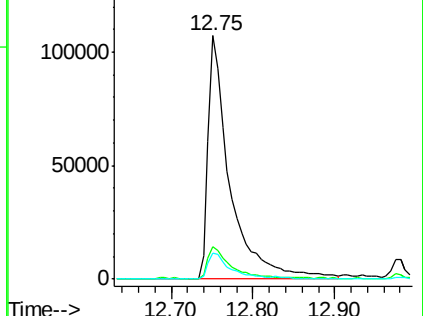
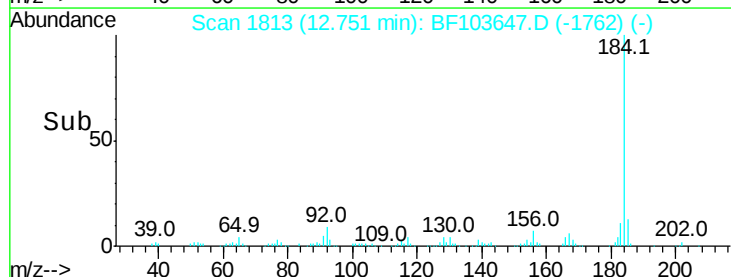
183 10.6 9.3 13.9

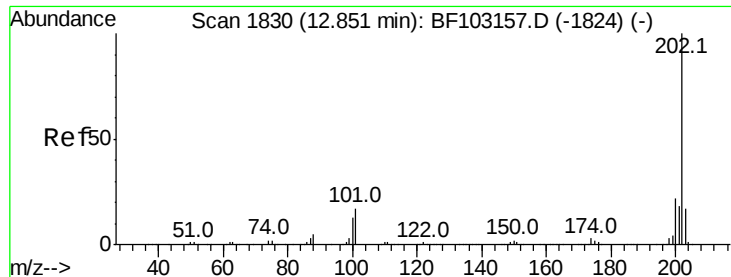


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

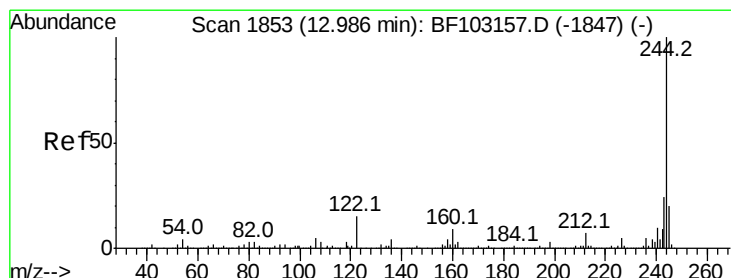
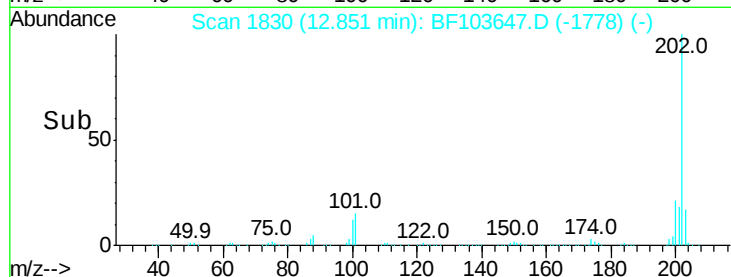
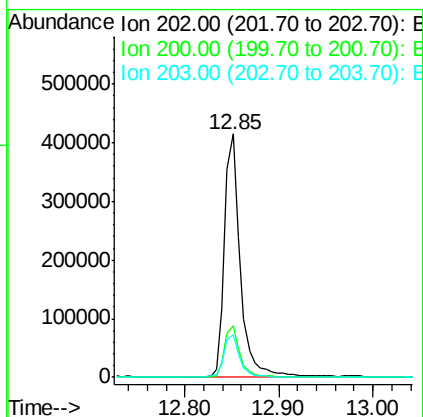
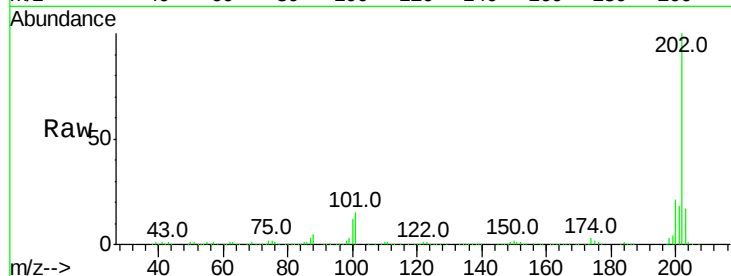




#77
Pvrene
Concen: 32.627 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

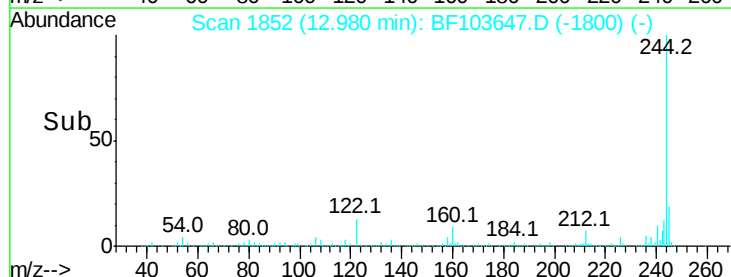
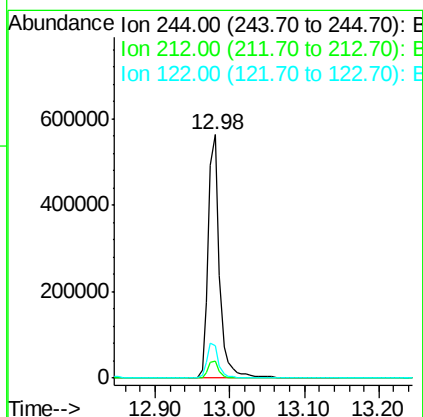
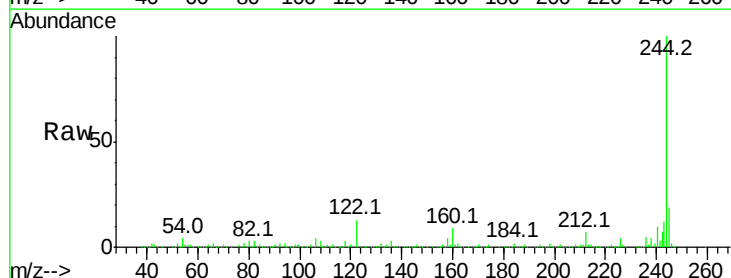
Instrument :
BNA_F
ClientSampleId :

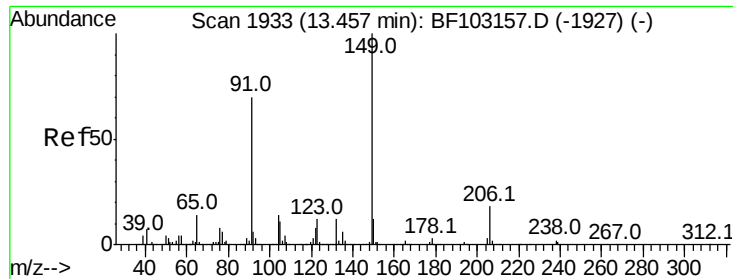
Tot Ion:202 Resp: 483953
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 75.634 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:244 Resp: 598595
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.3 11.0 16.4

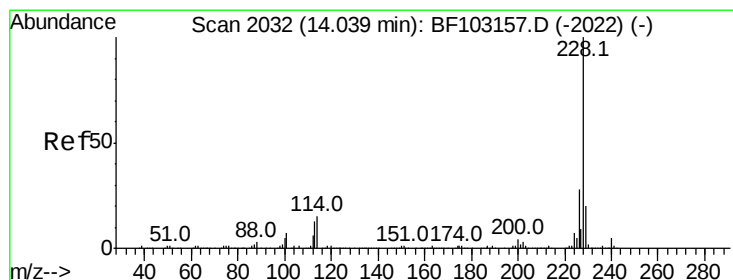
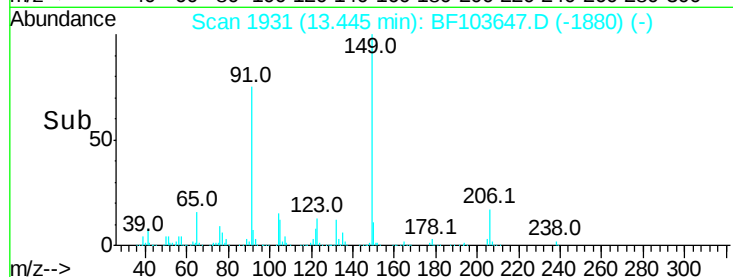
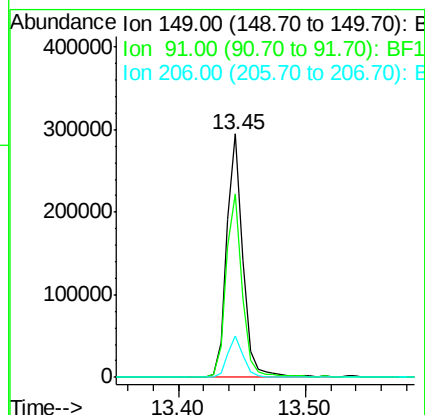
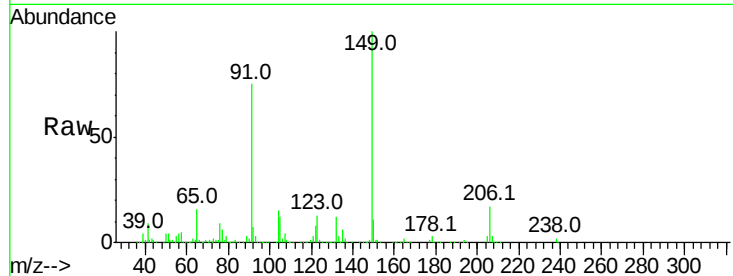




#79
Butylbenzylphthalate
Concen: 33.127 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

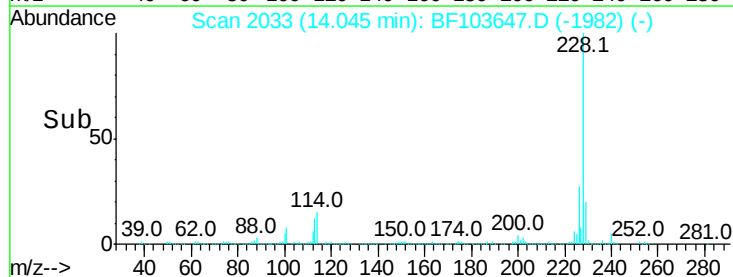
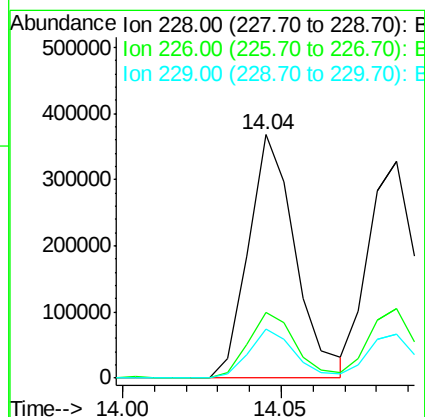
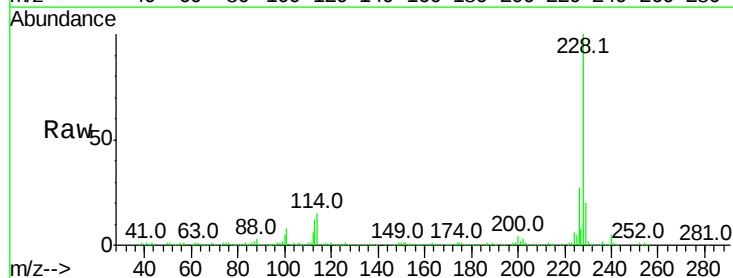
Instrument :
BNA_F
ClientSampleId :

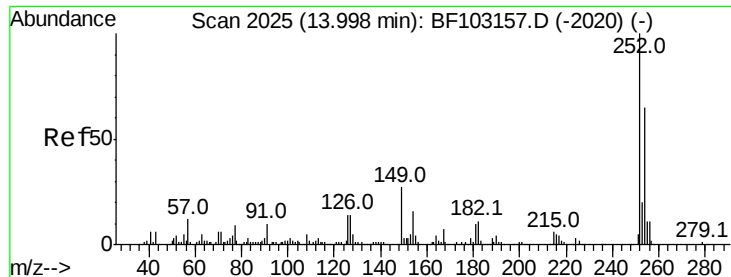
Tot Ion:149 Resp: 259612
Ion Ratio Lower Upper
149 100
91 75.1 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 30.682 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:228 Resp: 378739
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.0 15.8 23.6

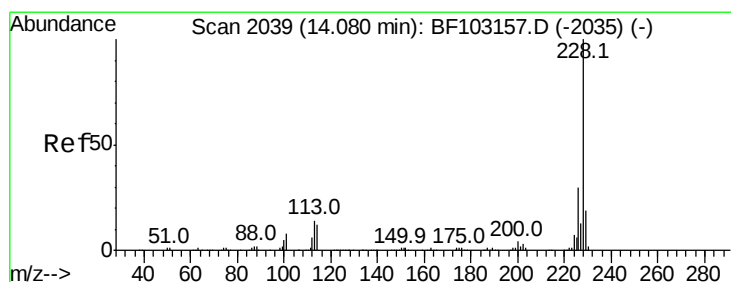
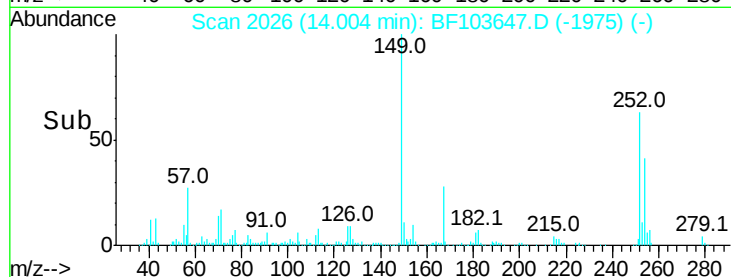
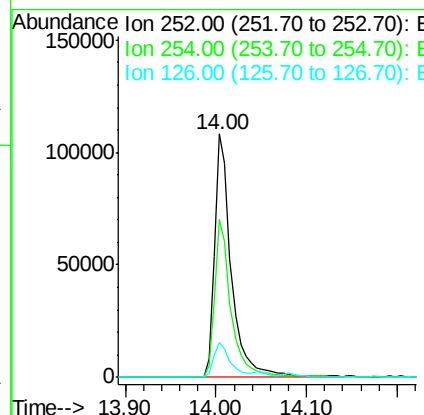
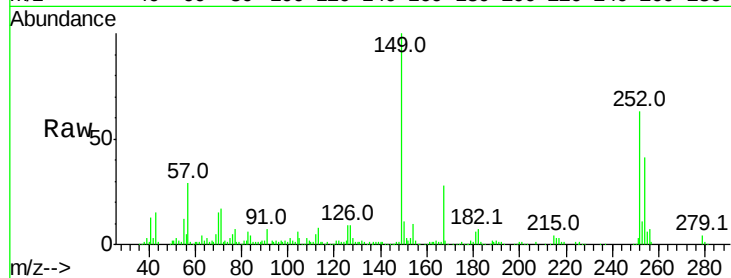




#81
 3,3'-Dichlorobenzidine
 Concen: 32.140 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

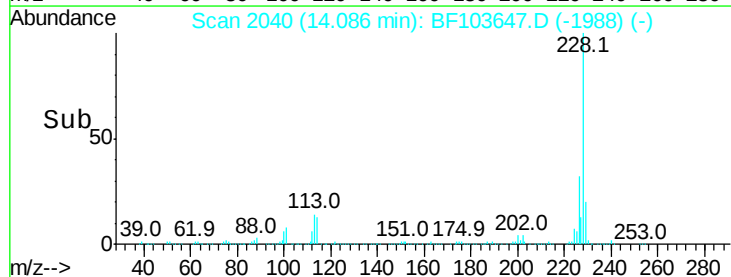
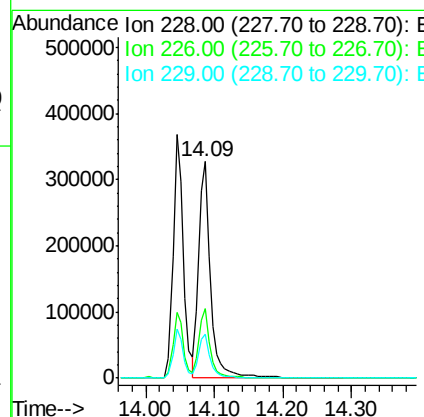
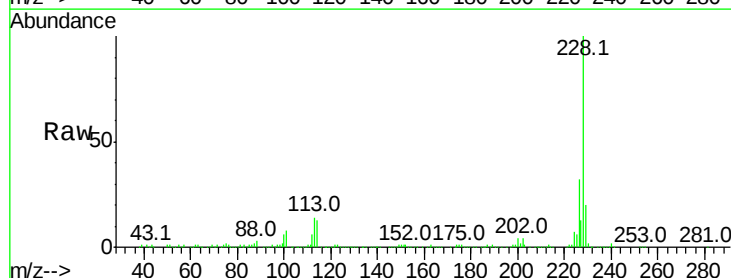
Instrument :
 BNA_F
 ClientSampled :

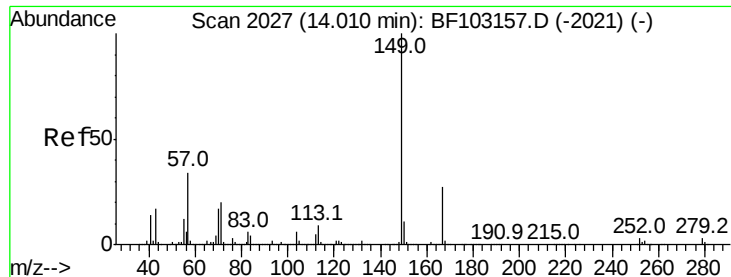
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 32.549 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	20.4	16.2	24.4

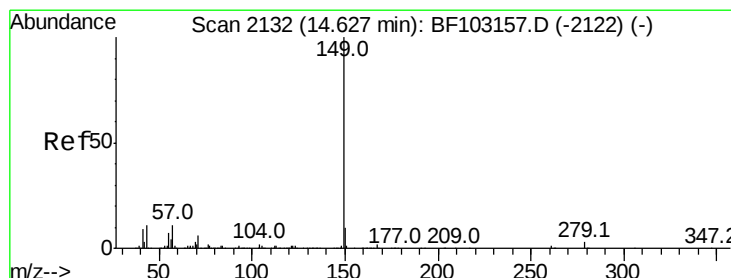
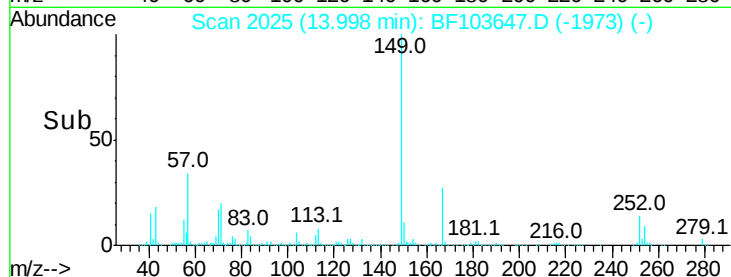
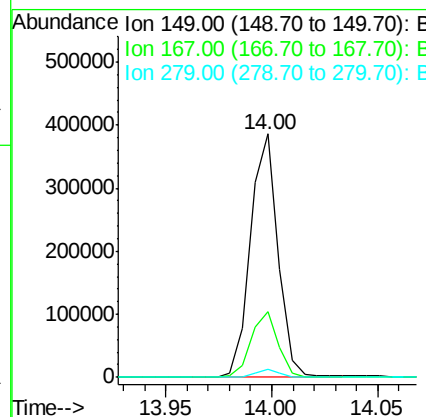
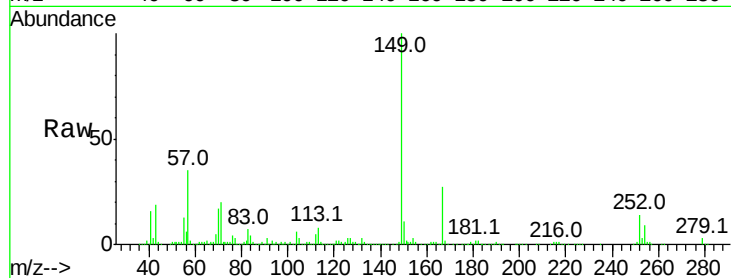




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.894 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

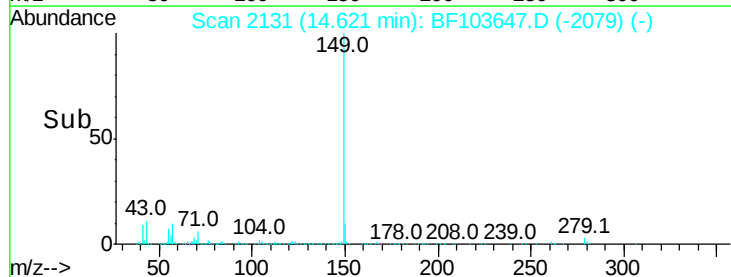
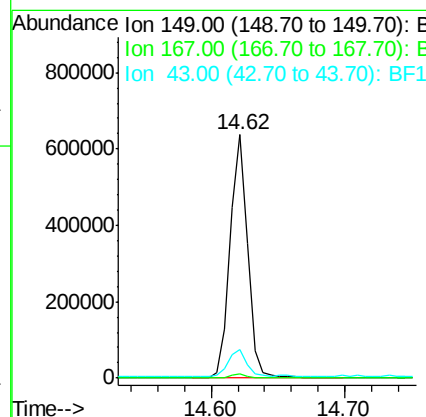
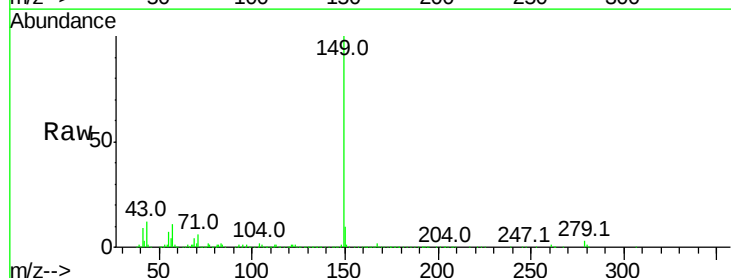
Instrument :
 BNA_F
 ClientSampleId :

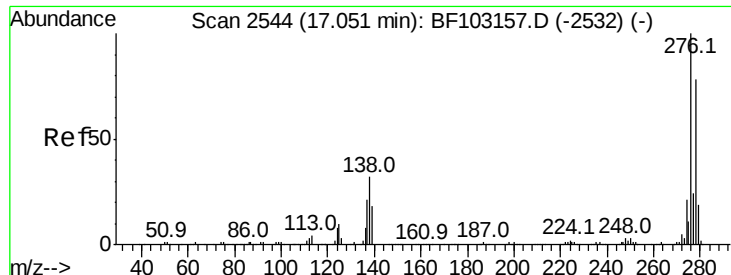
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 34.750 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.4	8.4	12.6

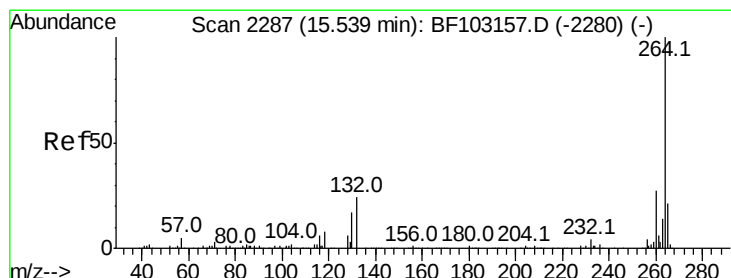
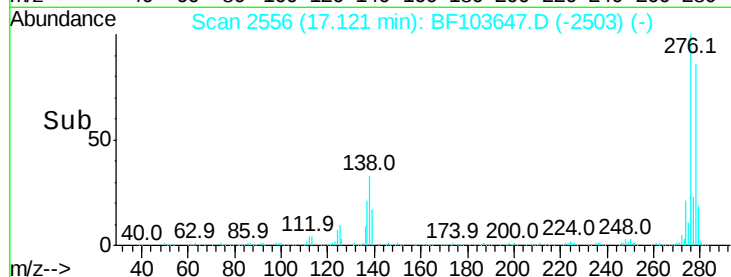
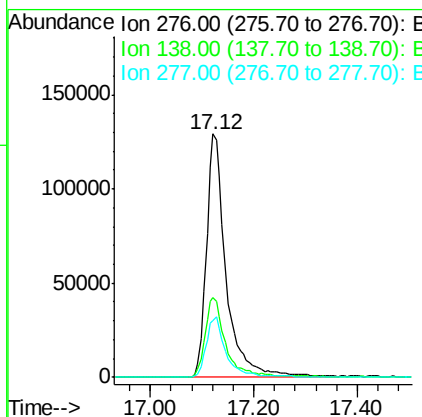
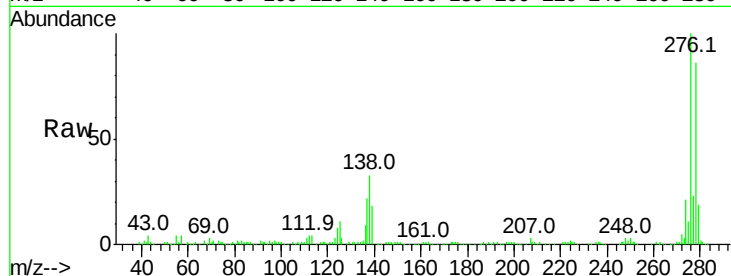




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.315 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

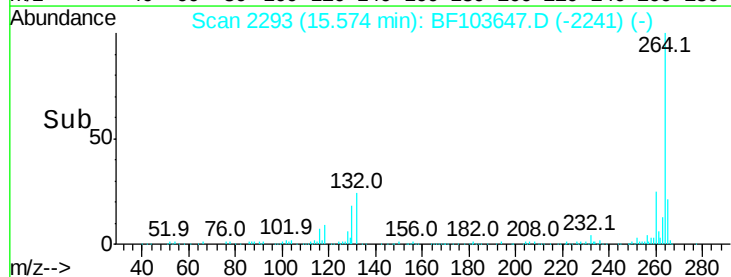
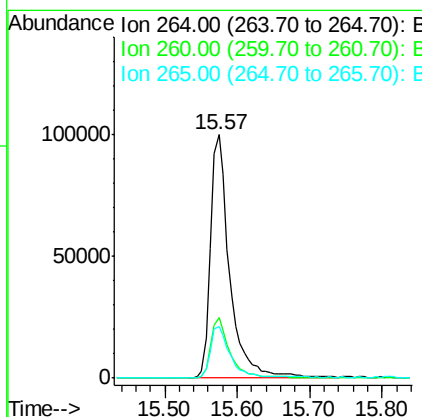
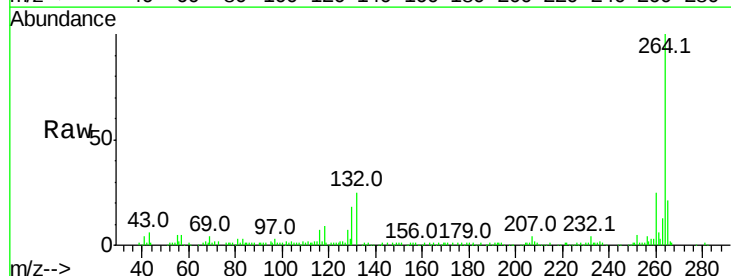
Instrument :
BNA_F
ClientSampleId :

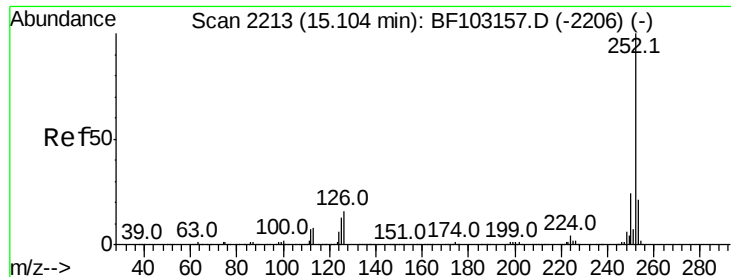
Tot Ion:276 Resp: 344589
Ion Ratio Lower Upper
276 100
138 33.0 25.0 37.6
277 24.6 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:264 Resp: 184584
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.3 17.5 26.3

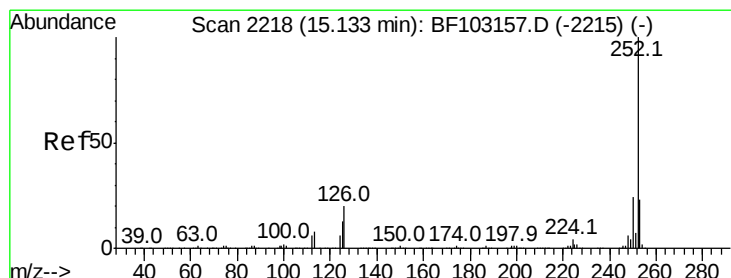
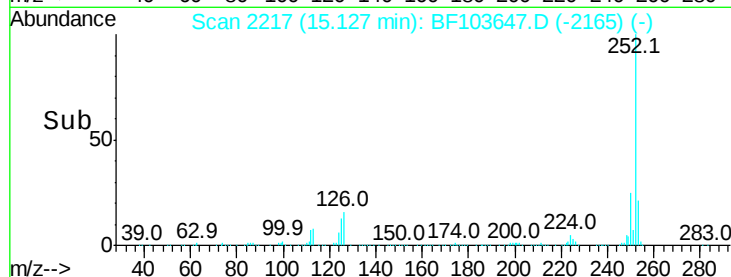
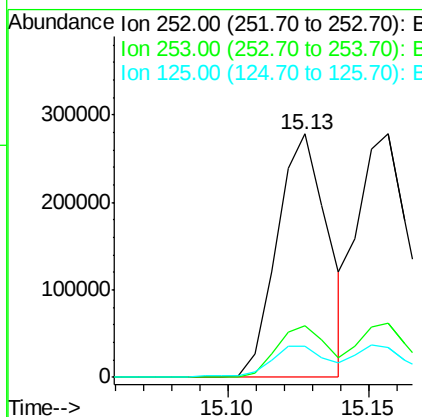
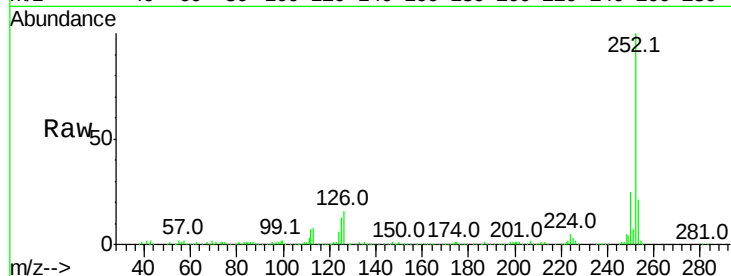




#87
Benzo(b)fluoranthene
Concen: 28.576 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

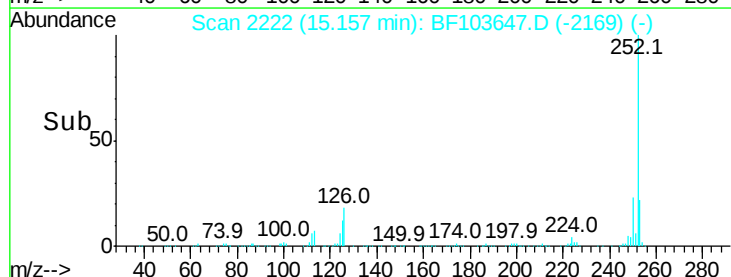
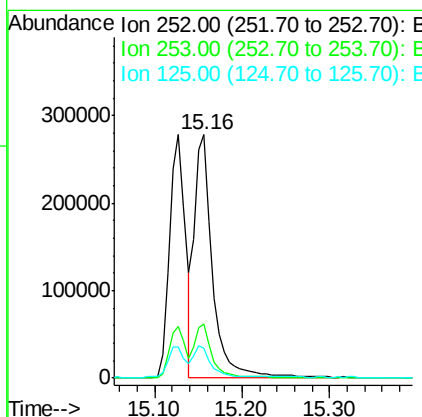
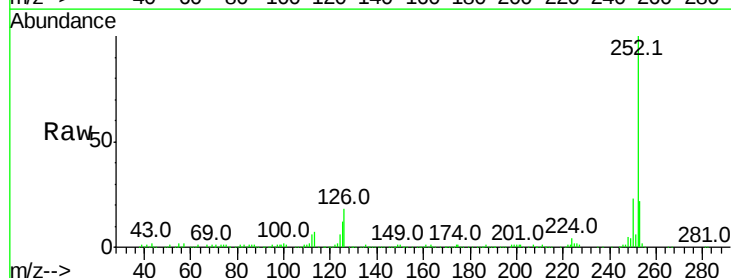
Instrument :
BNA_F
ClientSampleId :

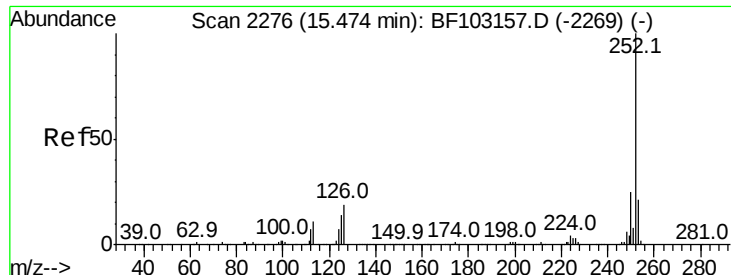
Tot Ion:252 Resp: 346810
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.050 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:252 Resp: 400559
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 31.913 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

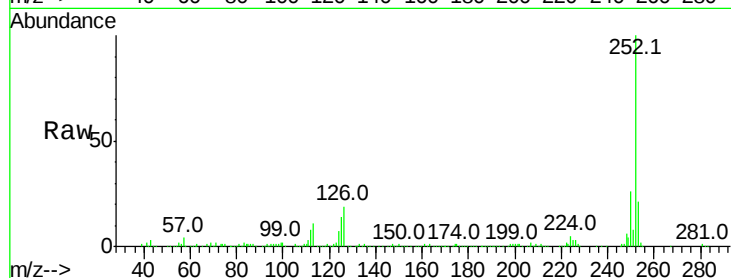
Tot Ion:252 Resp: 345867

Ion Ratio Lower Upper

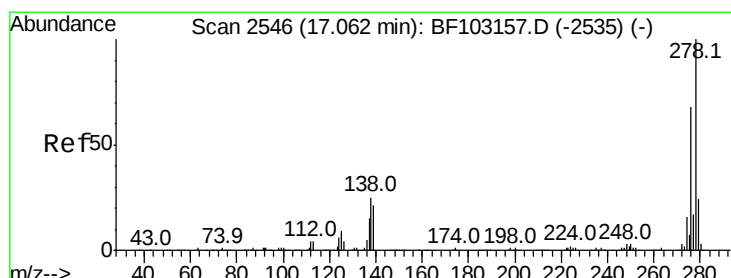
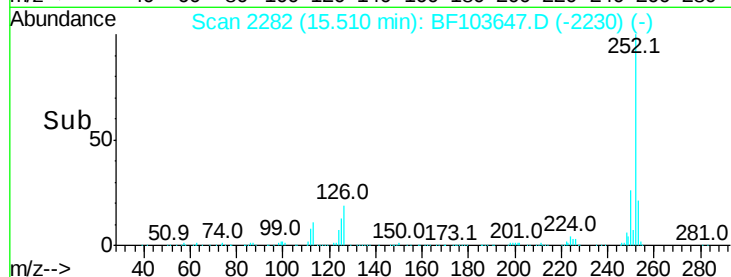
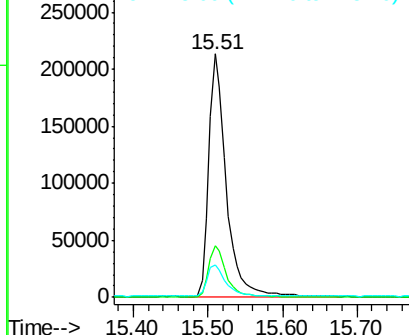
252 100

253 21.3 17.1 25.7

125 13.5 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 34.944 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

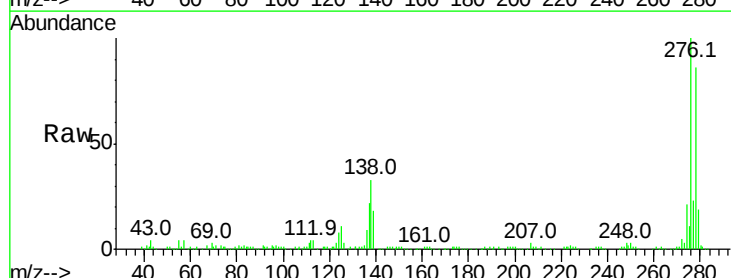
Tgt Ion:278 Resp: 292632

Ion Ratio Lower Upper

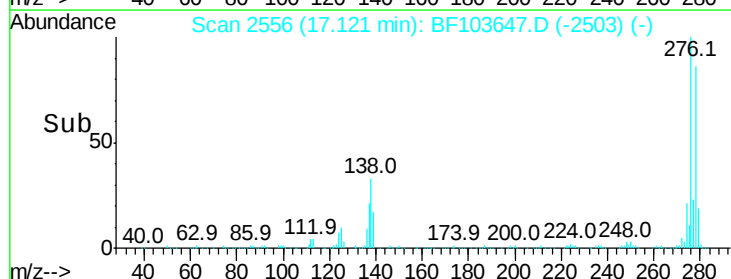
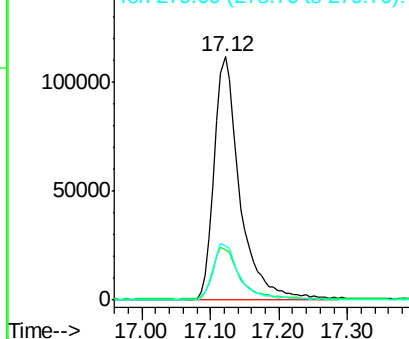
278 100

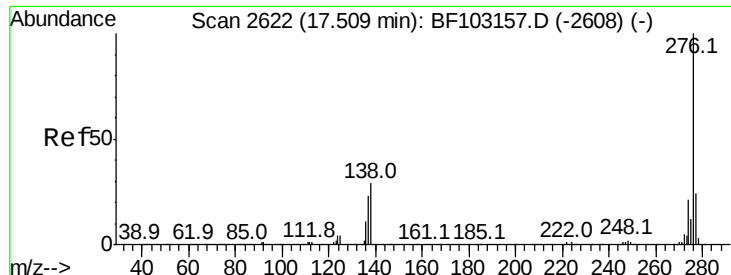
139 20.8 15.9 23.9

279 22.1 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: 33.581 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

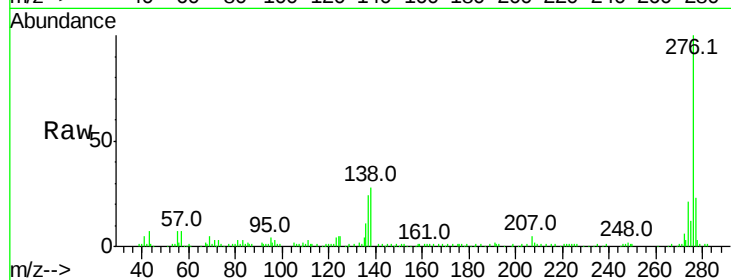
Tot Ion:276 Resp: 274852

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 28.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

