

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103367.D
 Acq On : 2 Mar 2018 16:12
 Operator : SJ/JU
 Sample : PB106972BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Quant Time: Mar 02 22:03:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151212	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	617961	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	283683	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	478332	20.00	ng	0.00
75) Chrysene-d12	14.07	240	340202	20.00	ng	0.00
86) Perylene-d12	15.57	264	307204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1120827	112.11	ng	0.01
7) Phenol-d6	6.52	99	1337360	109.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	900417	83.21	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	254995	106.19	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1286973	76.24	ng	0.00
78) Terphenyl-d14	13.00	244	1165406	82.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	169563	32.111	ng	92
3) Pyridine	3.49	79	505579	35.863	ng	98
4) n-Nitrosodimethylamine	3.43	42	274612	48.300	ng	95
6) Aniline	6.55	93	556124	31.497	ng	94
8) 2-Chlorophenol	6.67	128	406724	39.160	ng	97
9) Benzaldehyde	6.43	77	192767	22.927	ng	97
10) Phenol	6.53	94	536578	37.781	ng	81
11) bis(2-Chloroethyl)ether	6.62	93	428352	39.739	ng	95
12) 1,3-Dichlorobenzene	6.82	146	420869	35.459	ng	96
13) 1,4-Dichlorobenzene	6.89	146	426080	35.806	ng	100
14) 1,2-Dichlorobenzene	7.05	146	388977	35.450	ng	99
15) Benzyl Alcohol	7.02	79	364693	39.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	674790	36.455	ng	83
17) 2-Methylphenol	7.13	107	358112	37.941	ng	# 94
18) Hexachloroethane	7.38	117	157775	36.421	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	287576	37.769	ng	95
20) 3+4-Methylphenols	7.29	107	413249	35.917	ng	# 63
22) Acetophenone	7.29	105	546093	37.859	ng	# 86
24) Nitrobenzene	7.46	77	484443	40.663	ng	95
25) Isophorone	7.70	82	877285	41.164	ng	97
26) 2-Nitrophenol	7.78	139	234652	41.838	ng	97
27) 2,4-Dimethylphenol	7.82	122	382076	44.568	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	526018	41.981	ng	99
29) 2,4-Dichlorophenol	8.02	162	342440	41.722	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	314314	35.961	ng	99
31) Naphthalene	8.18	128	1125699	37.208	ng	100
32) Benzoic acid	7.96	122	262211	42.203	ng	94
33) 4-Chloroaniline	8.23	127	376123	28.810	ng	97
34) Hexachlorobutadiene	8.29	225	156261	34.332	ng	99
35) Caprolactam	8.62	113	91837	31.836	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	391812	42.323	ng	100
37) 2-Methylnaphthalene	8.87	142	761596	38.951	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	277947	35.839	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	172930	65.119	ng	97

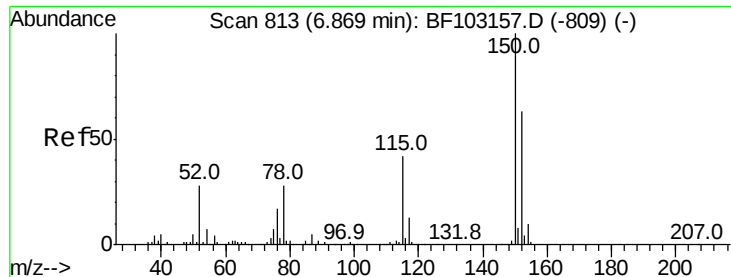
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103367.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	207755	39.812	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	224581	37.418	ng	98
45) 1,1'-Biphenyl	9.34	154	862698	36.292	ng	99
46) 2-Chloronaphthalene	9.37	162	690405	36.711	ng	97
47) 2-Nitroaniline	9.47	65	288061	41.351	ng	88
48) Acenaphthylene	9.78	152	1045396	36.129	ng	100
49) Dimethylphthalate	9.63	163	833004	36.603	ng	100
50) 2,6-Dinitrotoluene	9.71	165	182017	38.113	ng	93
51) Acenaphthene	9.96	154	620428	36.771	ng	98
52) 3-Nitroaniline	9.88	138	183278	30.248	ng	94
53) 2,4-Dinitrophenol	10.00	184	138392	80.198	ng	# 17
54) Dibenzofuran	10.13	168	880464	38.014	ng	96
55) 4-Nitrophenol	10.06	139	253315	67.456	ng	89
56) 2,4-Dinitrotoluene	10.12	165	233296	38.625	ng	# 89
57) Fluorene	10.47	166	712693	36.121	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	162897	40.402	ng	96
59) Diethylphthalate	10.33	149	840784	38.629	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	316463	37.822	ng	99
61) 4-Nitroaniline	10.50	138	226144	37.367	ng	99
62) Azobenzene	10.62	77	890139	40.178	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	102293	36.471	ng	89
65) n-Nitrosodiphenylamine	10.58	169	646050	38.791	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	188137	37.757	ng	91
67) Hexachlorobenzene	11.02	284	197707	36.556	ng	98
68) Atrazine	11.11	200	201688	40.290	ng	99
69) Pentachlorophenol	11.22	266	174573	66.758	ng	99
70) Phenanthrene	11.44	178	979360	37.204	ng	99
71) Anthracene	11.49	178	1028442	38.099	ng	99
72) Carbazole	11.65	167	999296	37.175	ng	99
73) Di-n-butylphthalate	11.96	149	1275254	37.913	ng	99
74) Fluoranthene	12.63	202	1017739	38.474	ng	99
76) Benzidine	12.75	184	327468	25.747	ng	97
77) Pyrene	12.86	202	1036911	39.093	ng	100
79) Butylbenzylphthalate	13.46	149	556067	39.680	ng	97
80) Benzo(a)anthracene	14.06	228	876028	39.687	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	244169	30.995	ng	99
82) Chrysene	14.10	228	829911	38.721	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	691185	36.549	ng	99
84) Di-n-octyl phthalate	14.64	149	1271992	41.630	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	648099	38.196	ng	99
87) Benzo(b)fluoranthene	15.13	252	790439	39.134	ng	98
88) Benzo(k)fluoranthene	15.16	252	765903	40.268	ng	100
89) Benzo(a)pyrene	15.52	252	725289	40.211	ng	99
90) Dibenzo(a,h)anthracene	17.12	278	529888	38.019	ng	97
91) Benzo(g,h,i)perylene	17.58	276	545701	40.061	ng	99

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

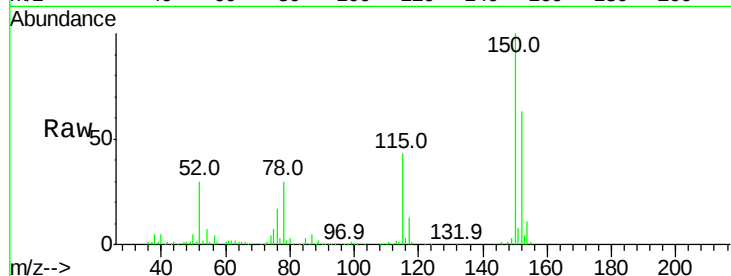


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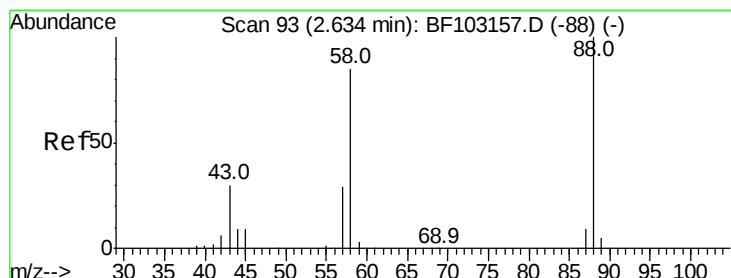
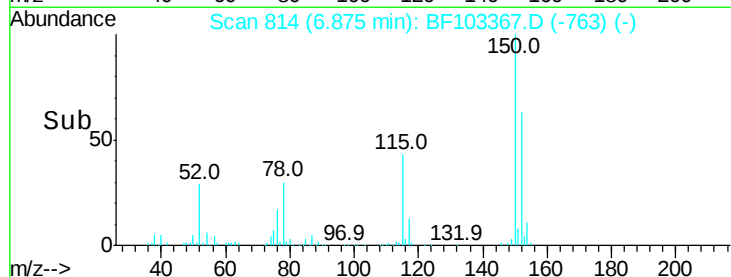
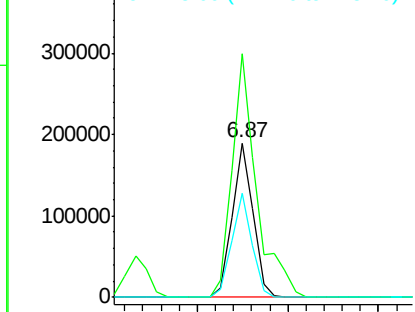
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion:152 Resp: 151212
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 67.1 50.1 75.1



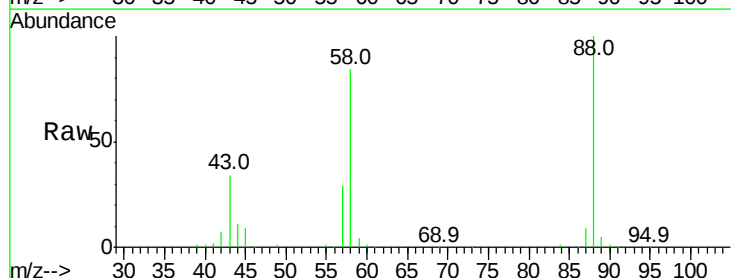
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



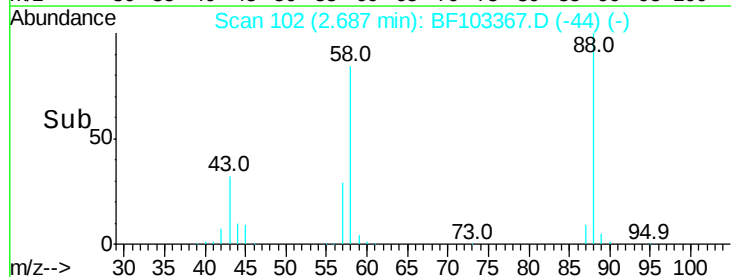
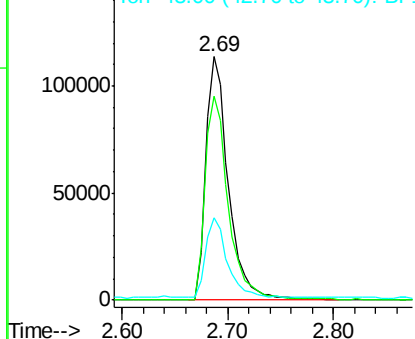
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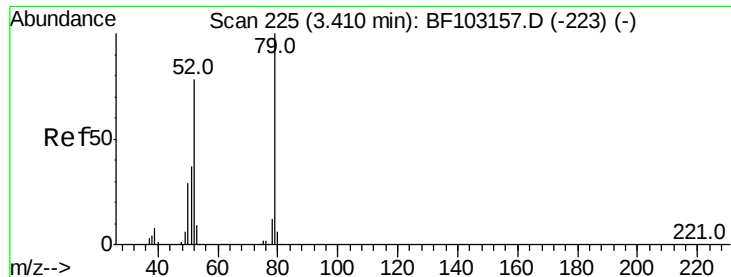
1,4-Dioxane
Concen: 32.111 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.04 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion: 88 Resp: 169563
Ion Ratio Lower Upper
88 100
58 87.0 62.6 93.8
43 31.4 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: 35.863 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

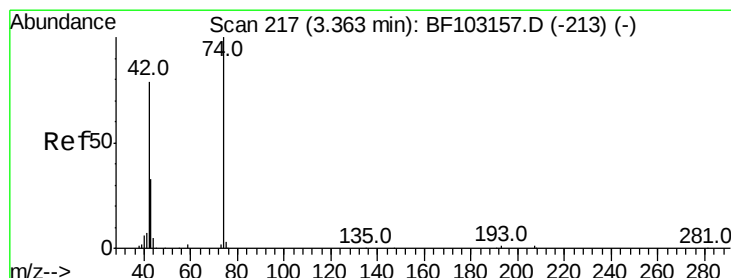
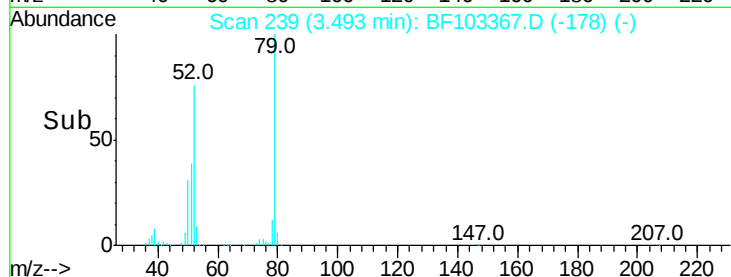
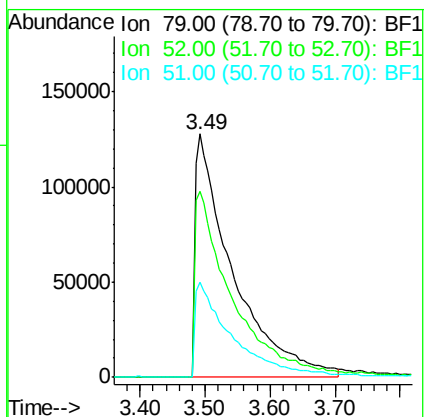
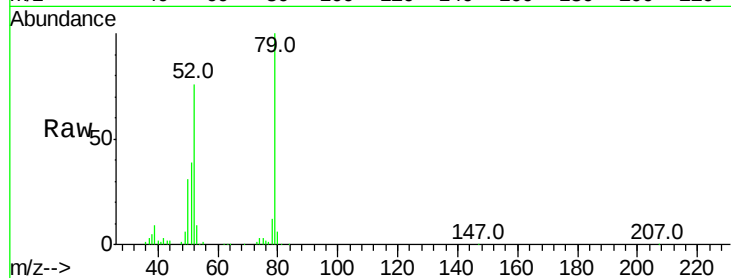
Tot Ion: 79 Resp: 505579

Ion Ratio Lower Upper

79 100

52 76.3 59.8 89.6

51 39.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 48.300 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

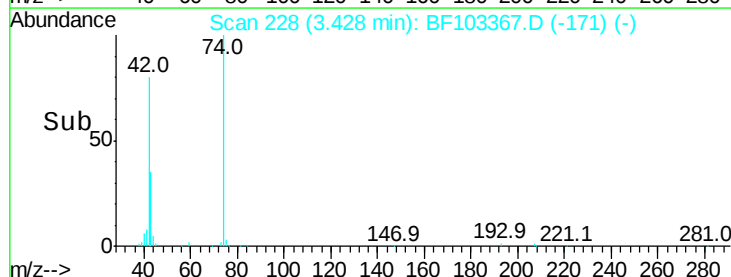
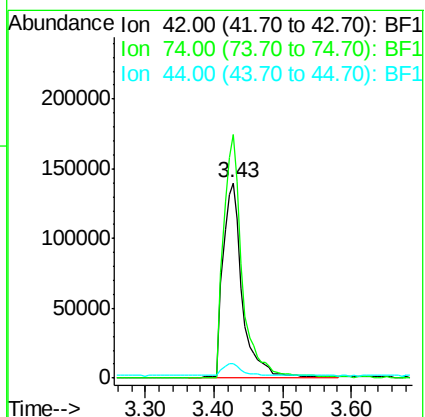
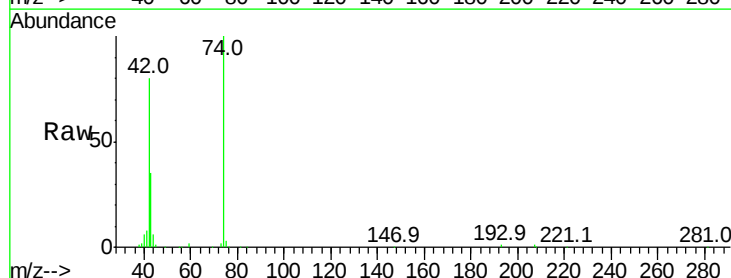
Tgt Ion: 42 Resp: 274612

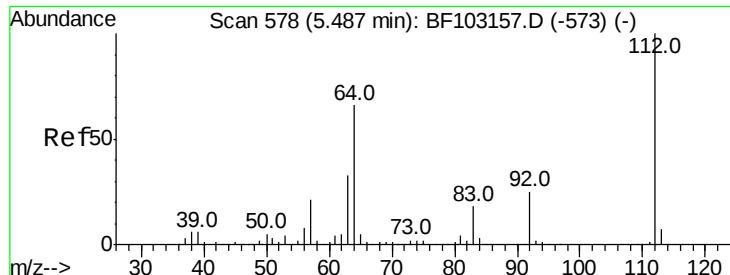
Ion Ratio Lower Upper

42 100

74 124.6 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 112.106 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

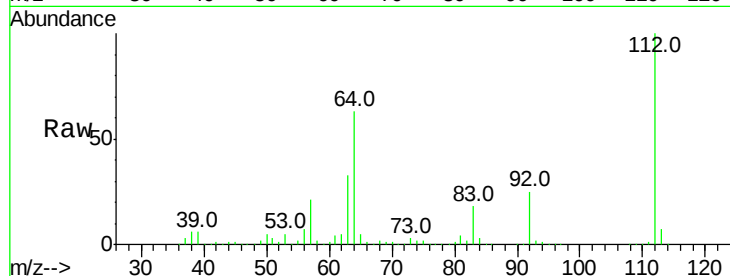
Tot Ion:112 Resp: 1120827

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

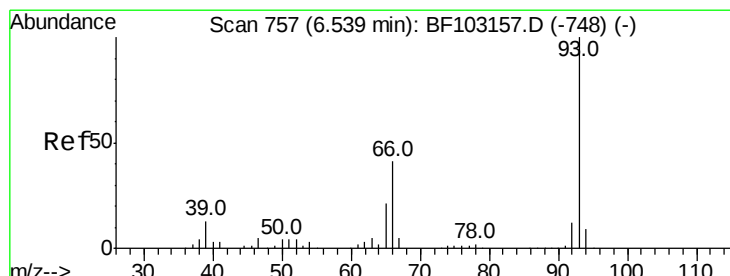
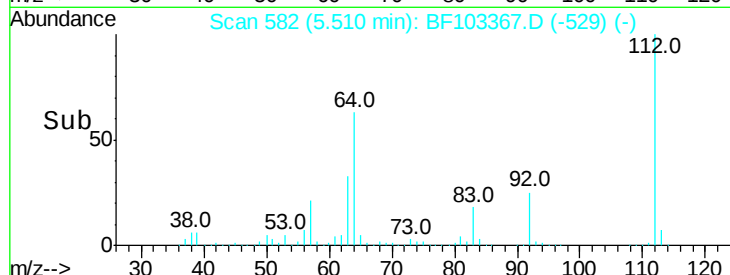
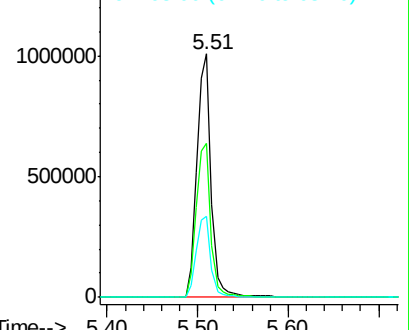
63 33.1 23.7 35.5



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: 31.497 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

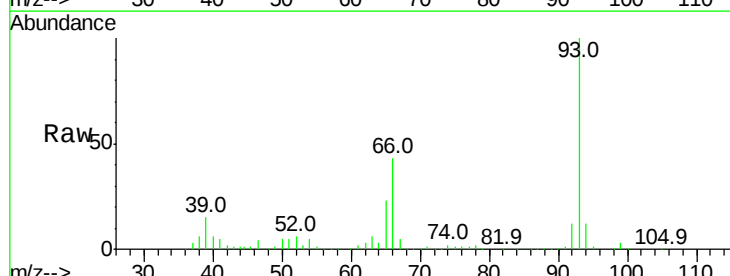
Tgt Ion: 93 Resp: 556124

Ion Ratio Lower Upper

93 100

66 43.5 32.2 48.2

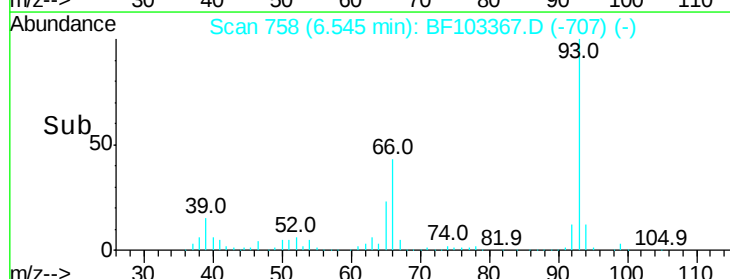
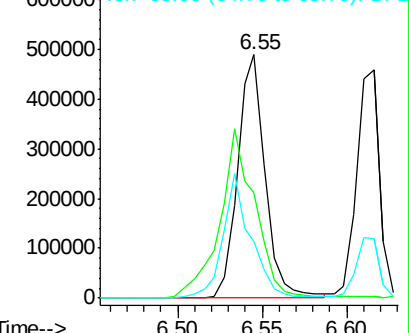
65 23.4 16.4 24.6

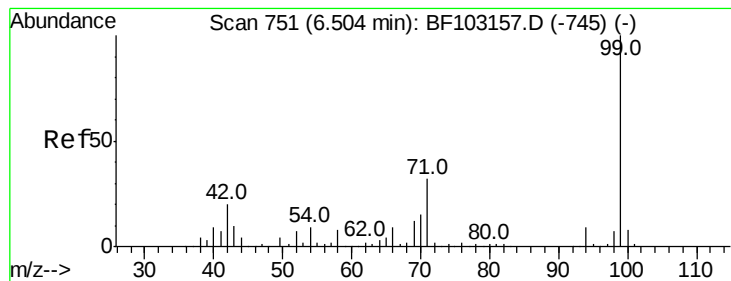


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.315 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

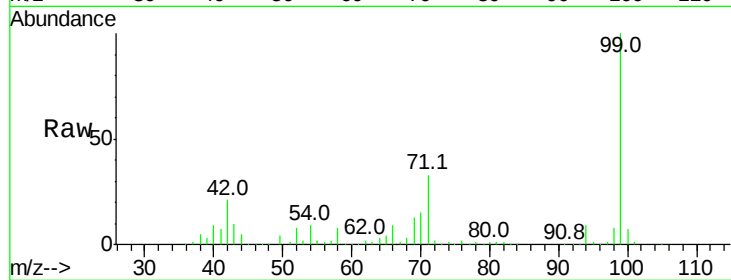
BNA_F

ClientSampleId :

PB106972BS

Tot Ion: 99 Resp: 1337360

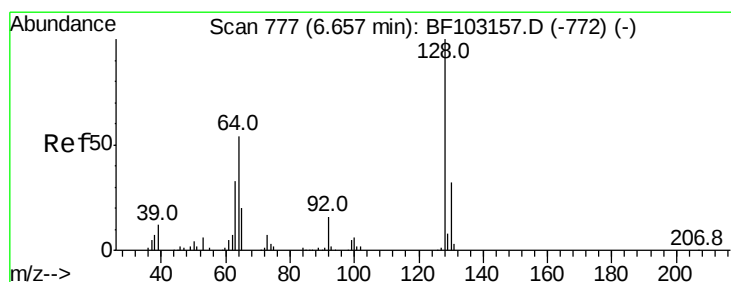
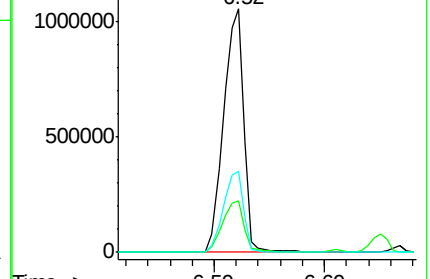
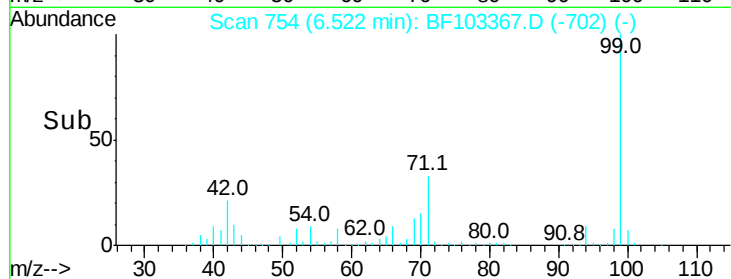
Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.1	25.4	38.0



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: 39.160 ng

RT: 6.67 min Scan# 779

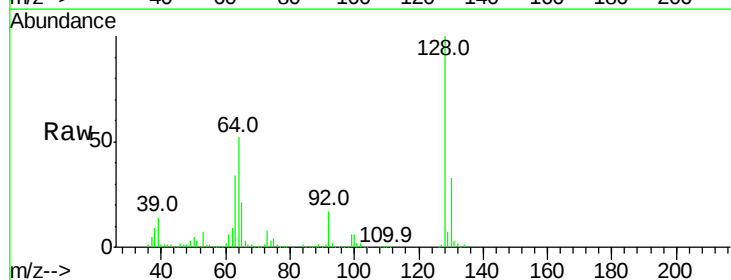
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:128 Resp: 406724

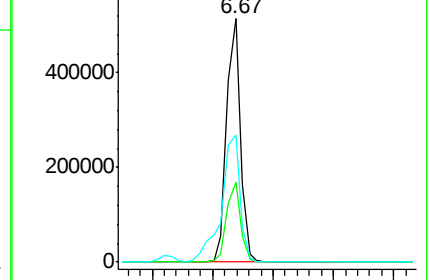
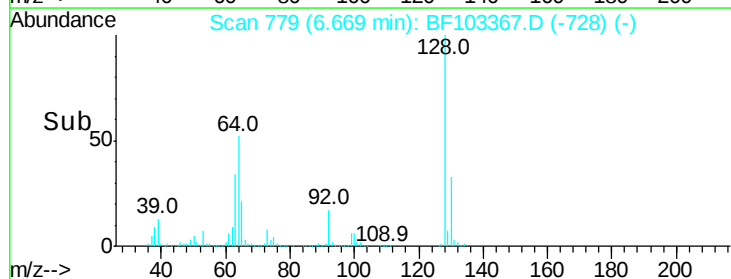
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	52.4	29.4	69.4

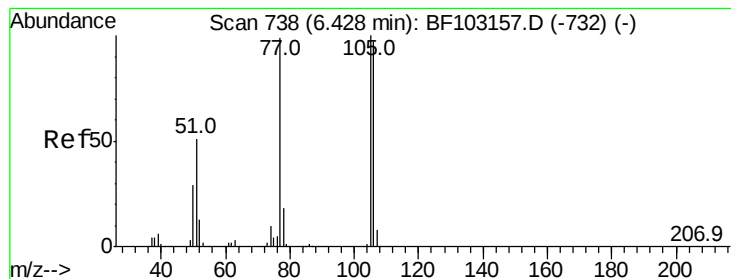


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.927 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

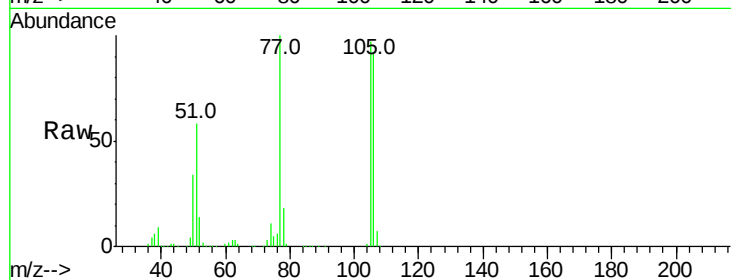
Tot Ion: 77 Resp: 192767

Ion Ratio Lower Upper

77 100

105 97.3 81.1 121.1

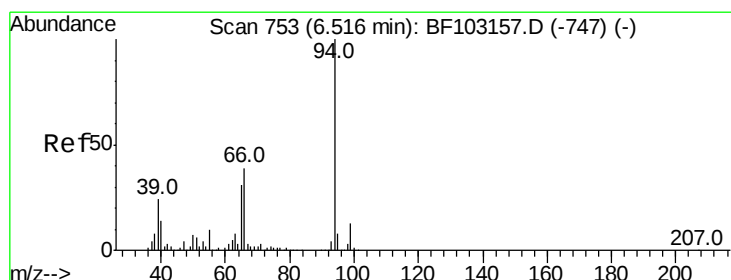
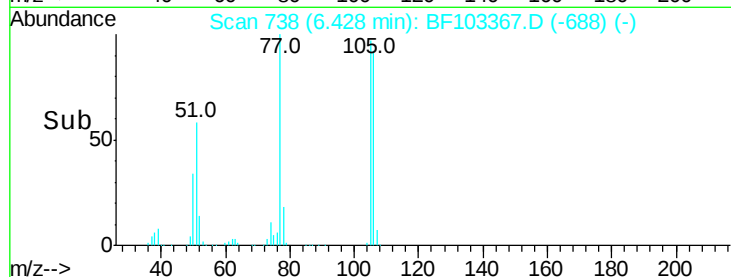
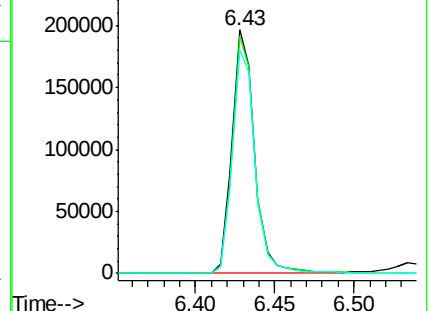
106 91.9 74.5 114.5



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: 37.781 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

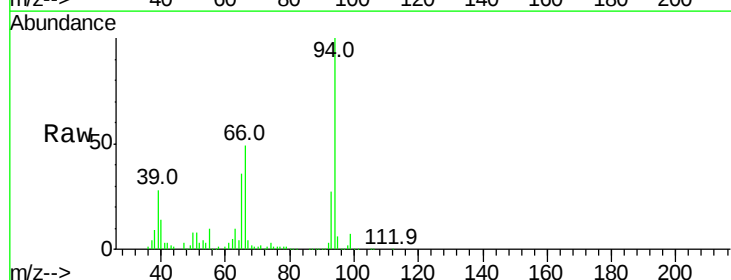
Tgt Ion: 94 Resp: 536578

Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

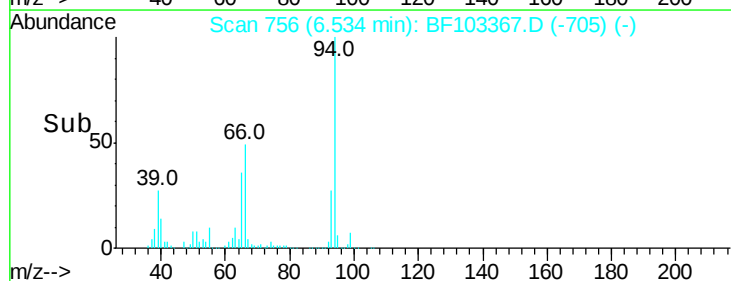
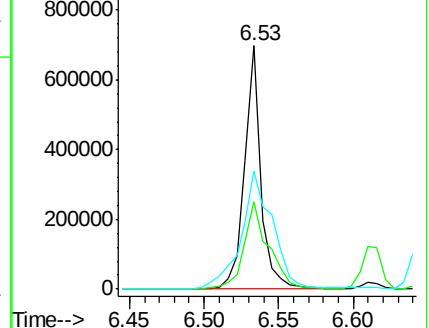
66 48.8 16.2 56.2

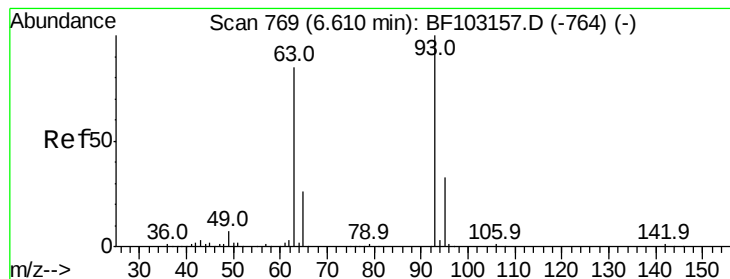


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



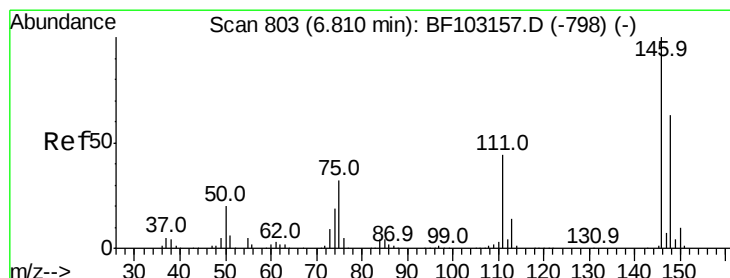
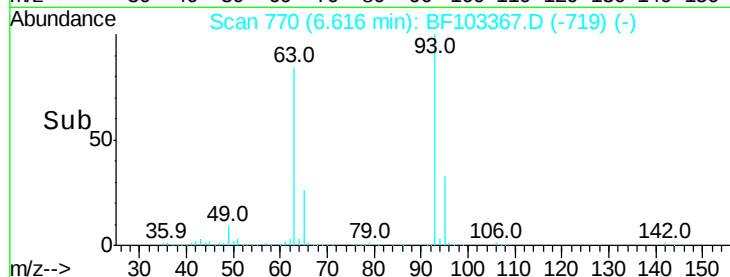
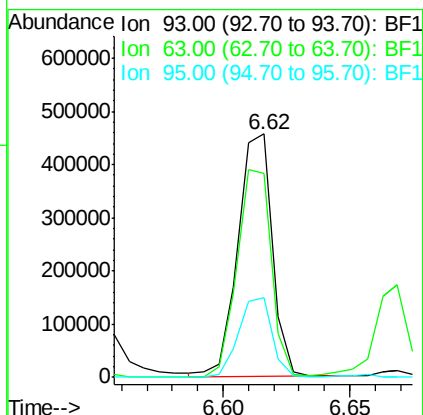
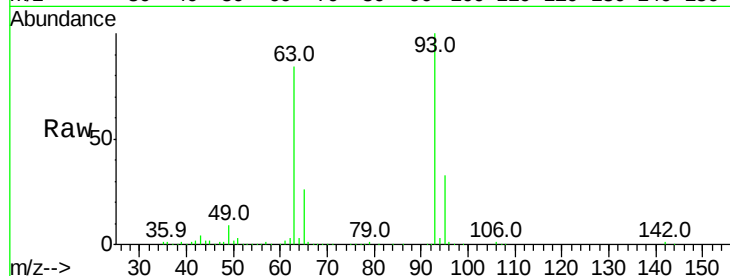


#11

bis(2-Chloroethyl)ether
Concen: 39.739 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

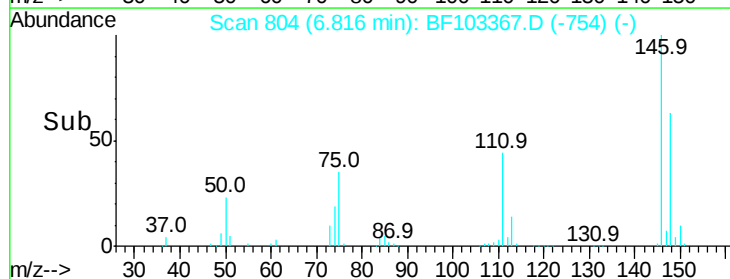
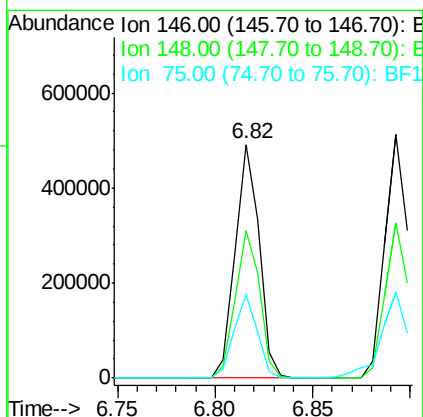
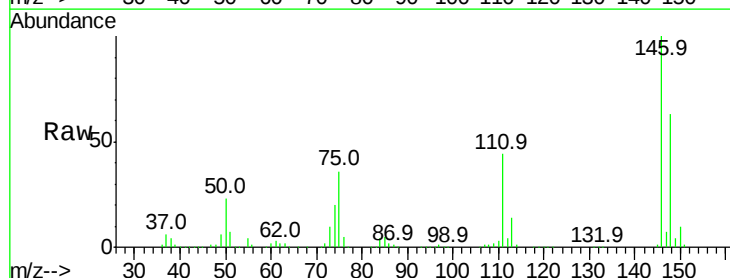
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	58.6	98.6
95	32.6	11.8	51.8

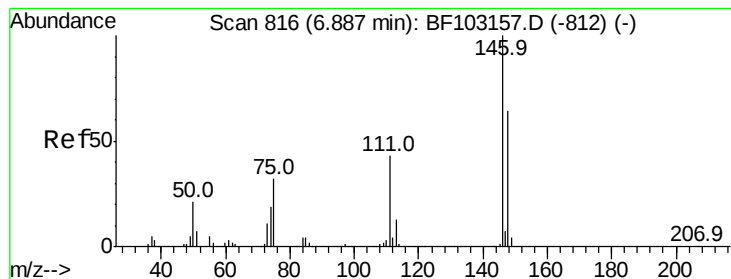


#12

1,3-Dichlorobenzene
Concen: 35.459 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	35.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.806 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

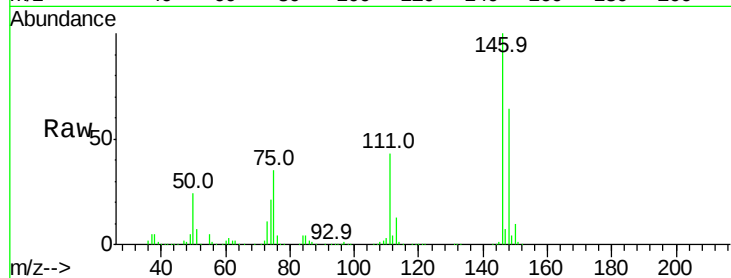
Tot Ion:146 Resp: 426080

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

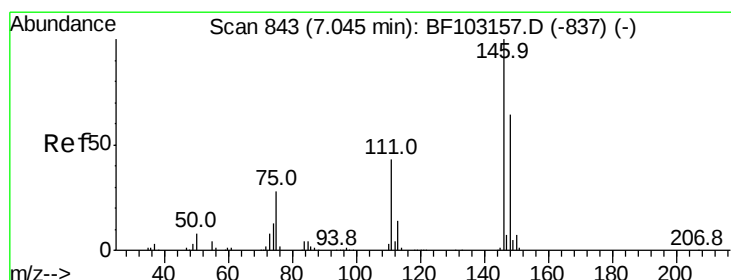
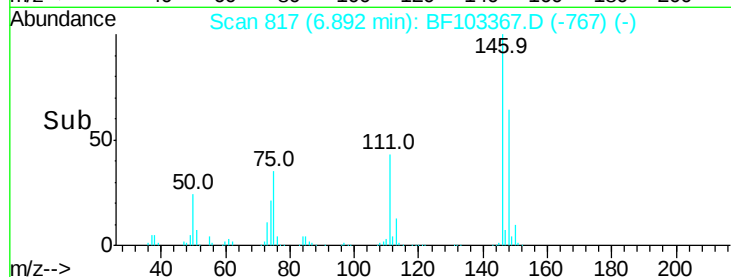
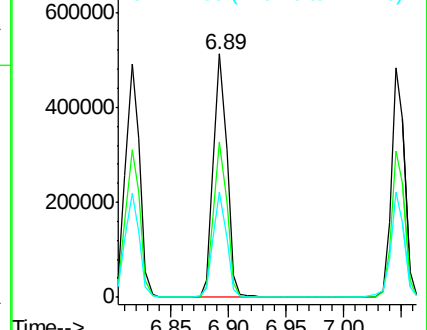
111 43.2 34.2 51.2



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: 35.450 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

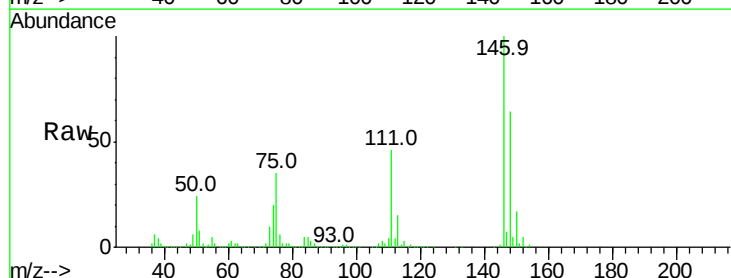
Tgt Ion:146 Resp: 388977

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

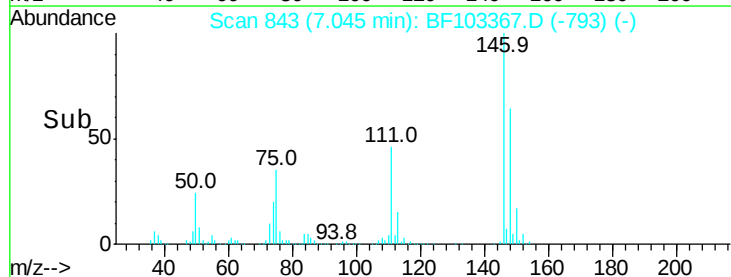
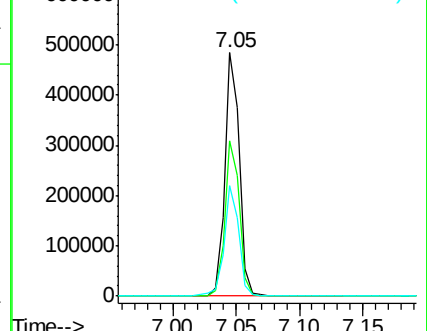
111 45.6 36.0 54.0

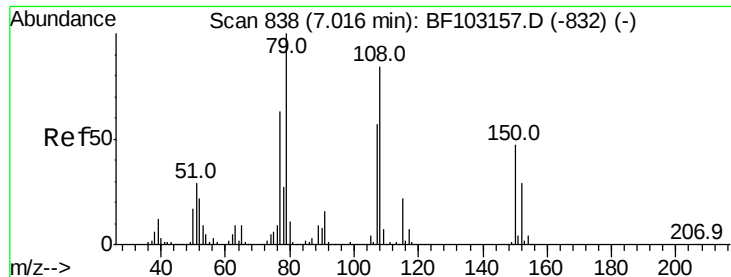


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.559 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

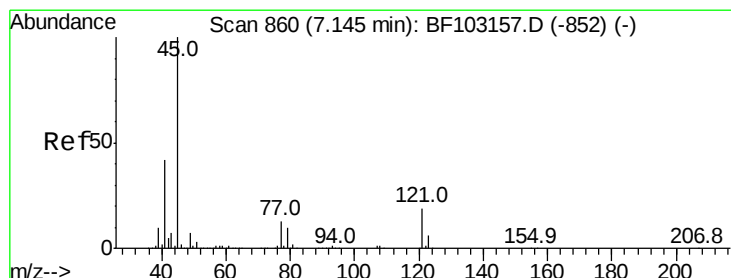
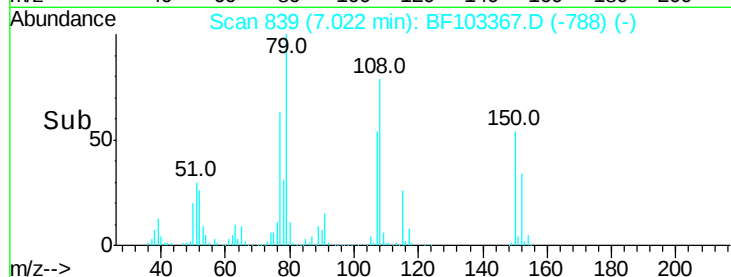
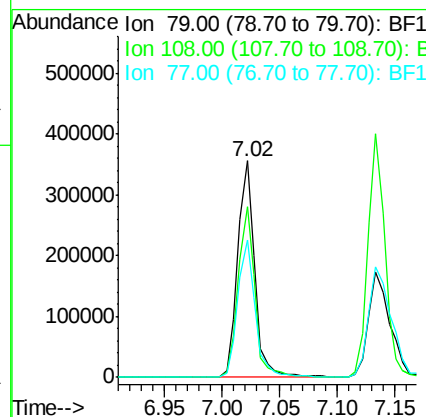
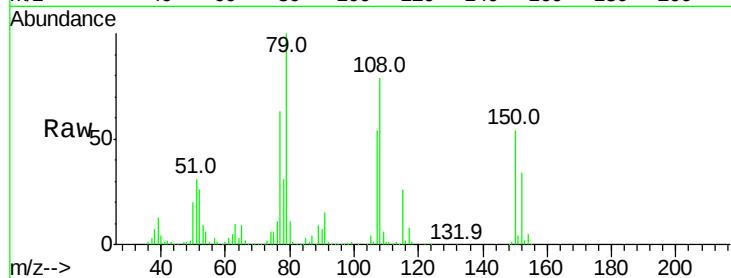
Tot Ion: 79 Resp: 364693

Ion Ratio Lower Upper

79 100

108 78.8 65.1 97.7

77 63.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.455 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

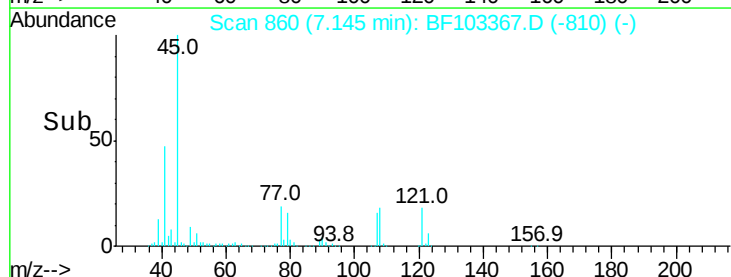
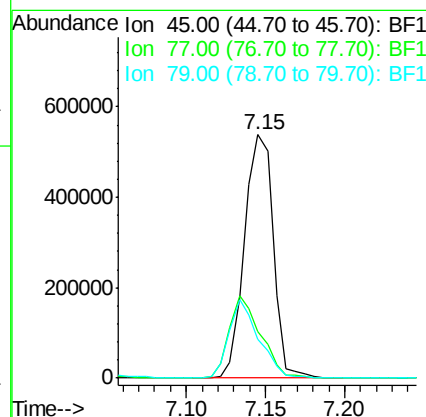
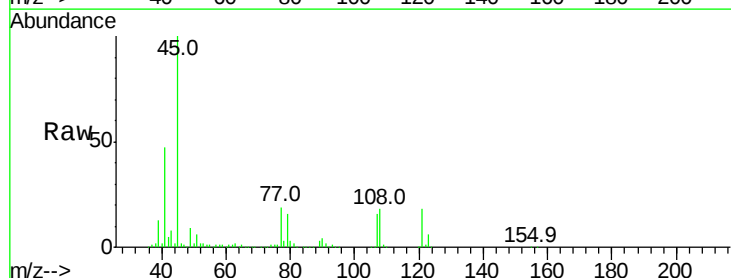
Tgt Ion: 45 Resp: 674790

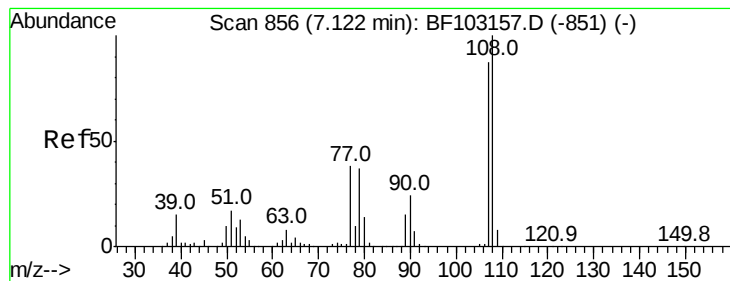
Ion Ratio Lower Upper

45 100

77 19.3 0.0 32.9

79 16.2 0.0 29.6

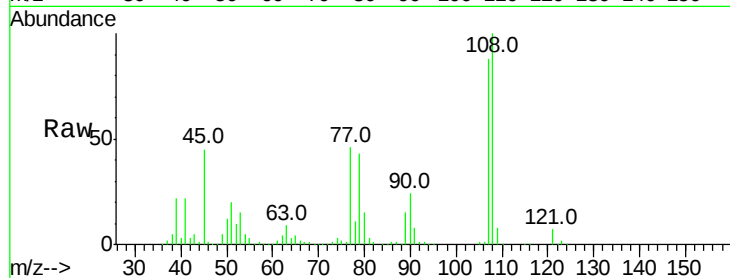




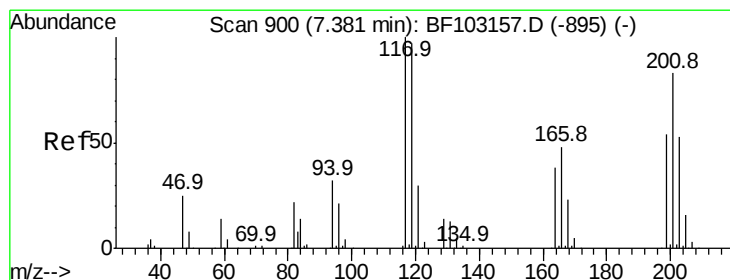
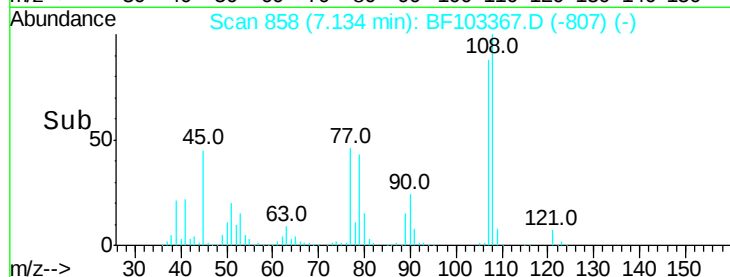
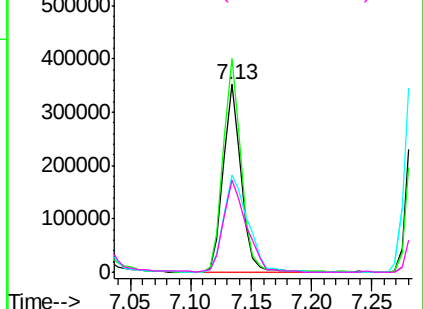
#17
2-Methylphenol
Concen: 37.941 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion:107 Resp: 358112
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 51.8 33.8 50.8#
79 48.9 33.8 50.8

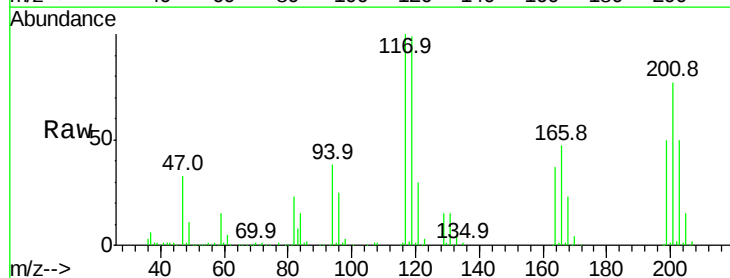


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

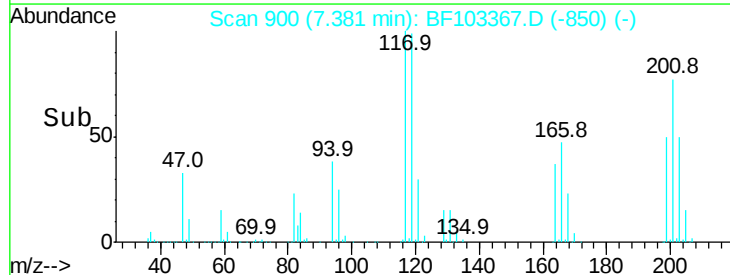
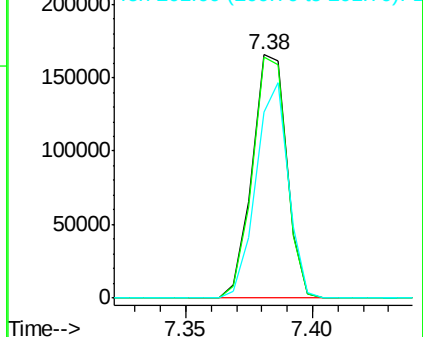


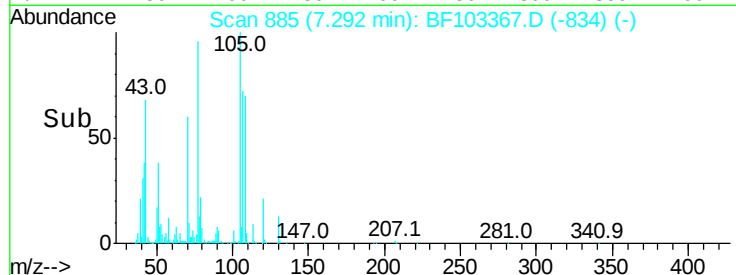
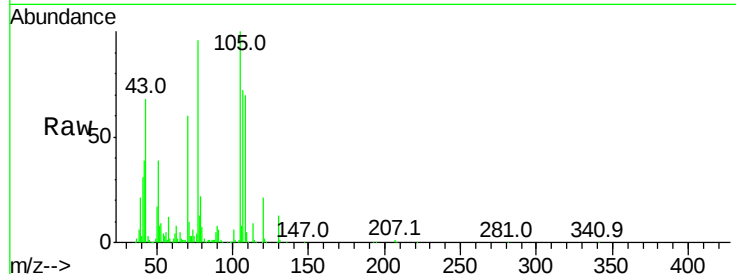
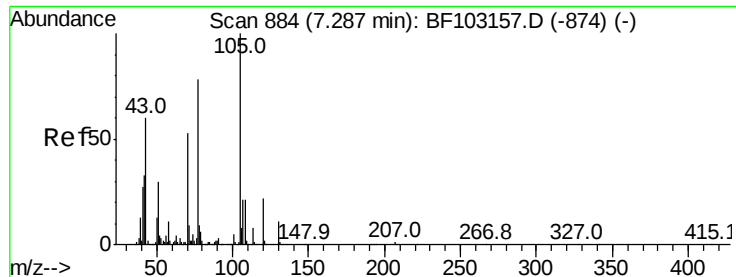
#18
Hexachloroethane
Concen: 36.421 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:117 Resp: 157775
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.8
201 76.7 75.7 113.5



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

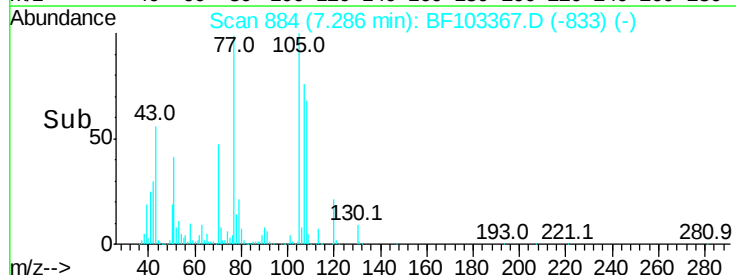
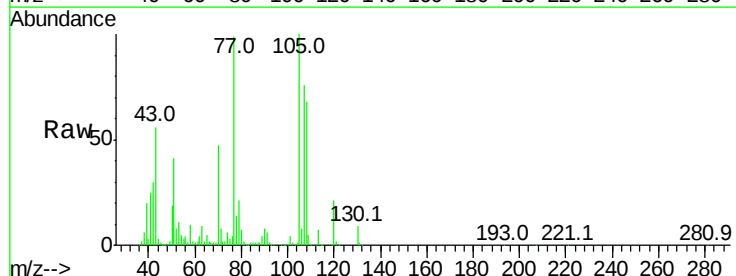
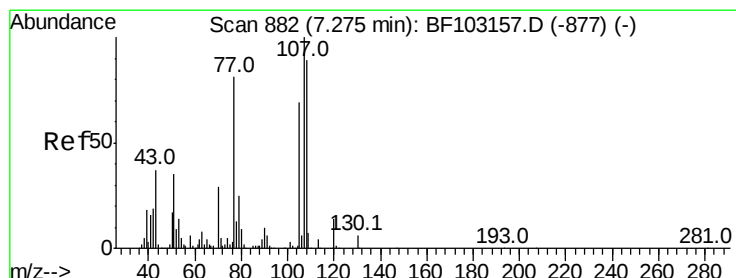
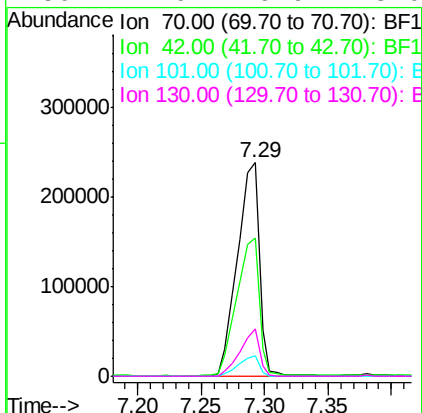




#19
n-Nitroso-di-n-propylamine
Concen: 37.769 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

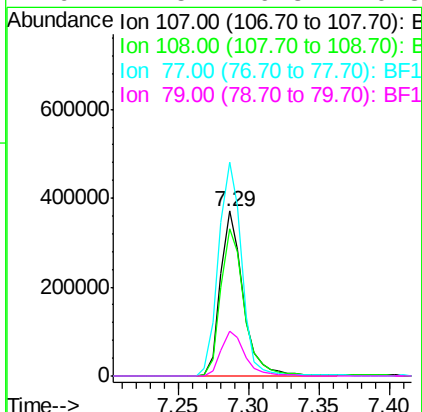
Instrument :
BNA_F
ClientSampleId :
PB106972BS

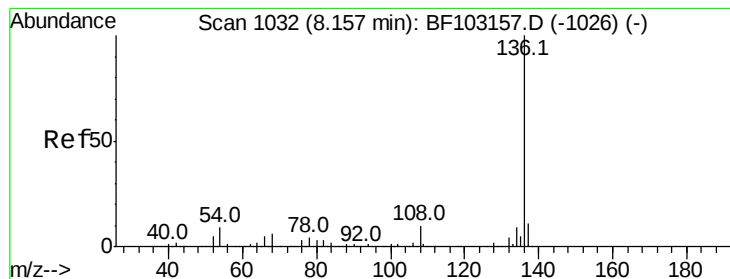
Tot Ion:	70	Resp:	287576
Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.5	71.3
101	9.5	7.4	11.2
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.917 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:	107	Resp:	413249
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	129.5	26.7	66.7#
79	27.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

Tot Ion:136 Resp: 617961

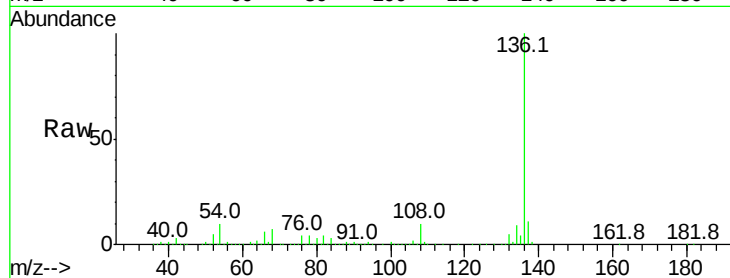
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.0 6.6 9.8#

68 7.0 5.0 7.4

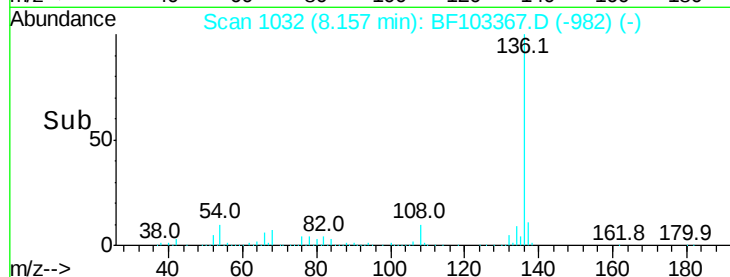


Abundance Ion 136.00 (135.70 to 136.70): E

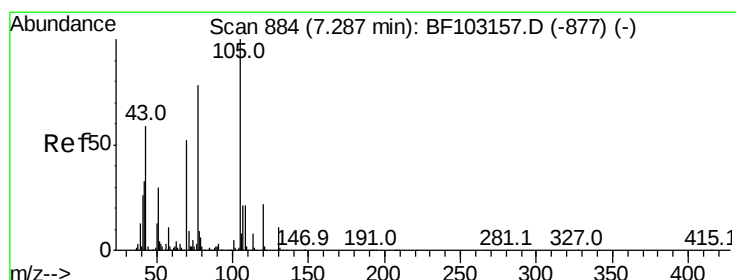
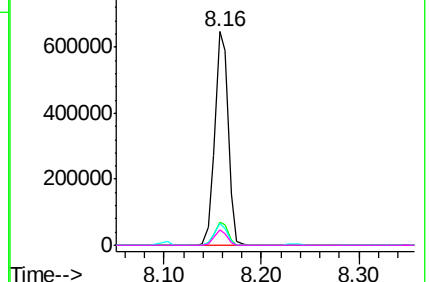
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 37.859 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:105 Resp: 546093

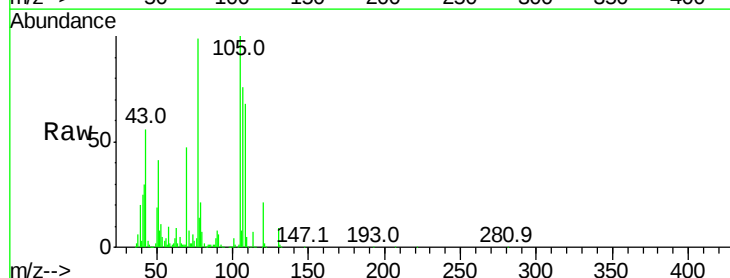
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 41.1 22.3 33.5#

120 20.9 16.9 25.3

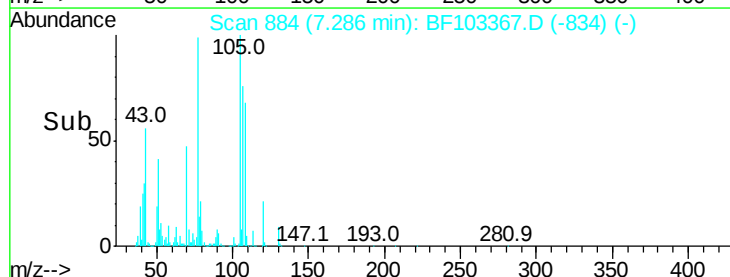


Abundance Ion 105.00 (104.70 to 105.70): E

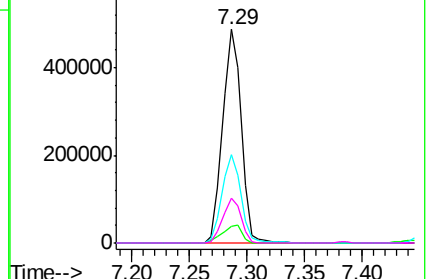
Ion 71.00 (70.70 to 71.70): BF1

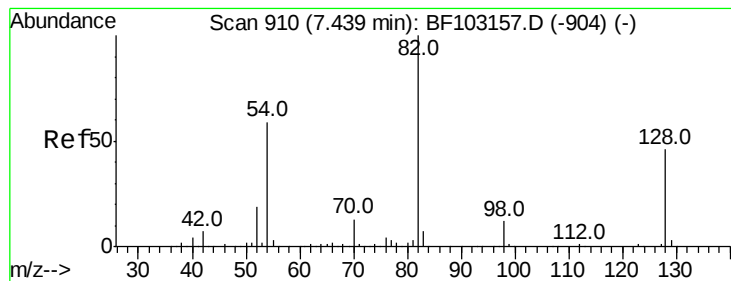
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 83.211 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

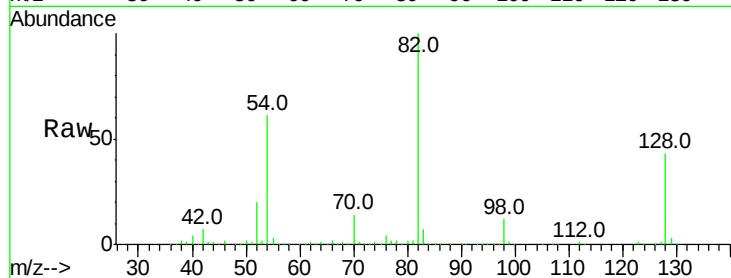
Tot Ion: 82 Resp: 900417

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

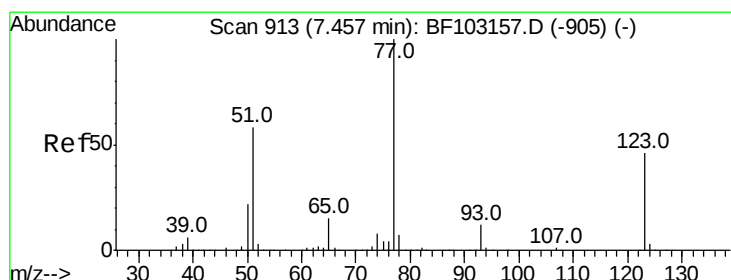
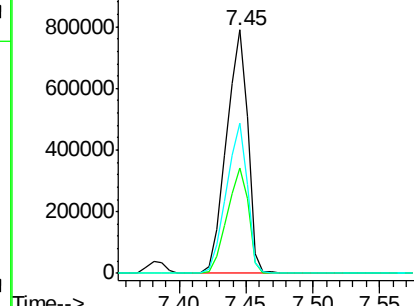
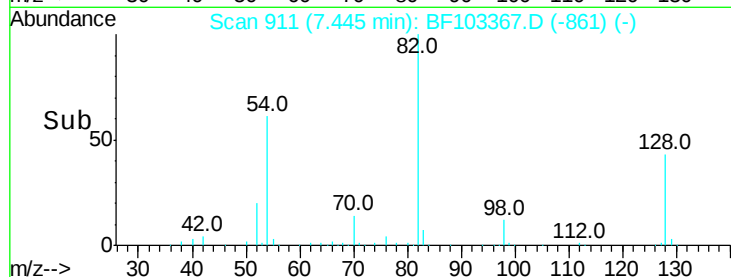
54 61.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.663 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

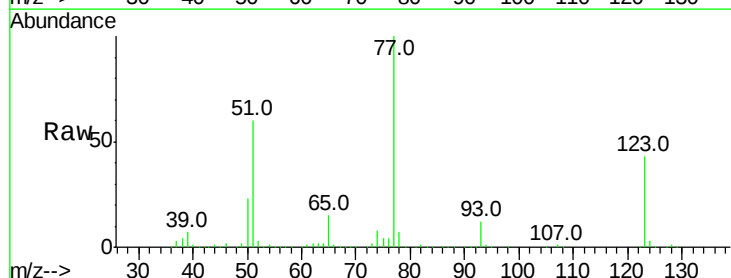
Tgt Ion: 77 Resp: 484443

Ion Ratio Lower Upper

77 100

123 43.4 37.9 56.9

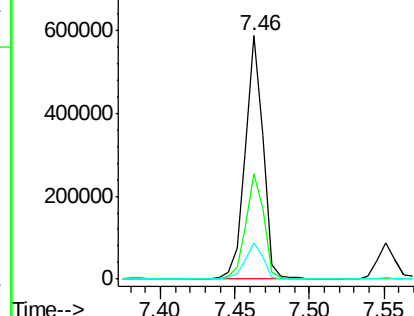
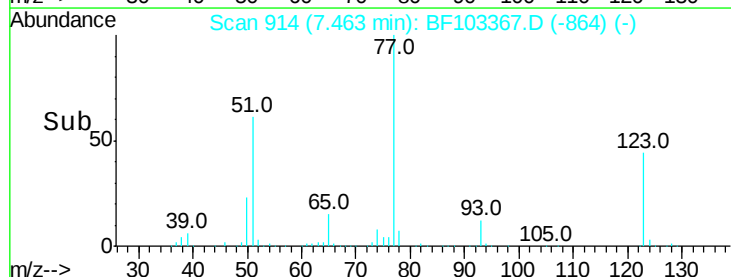
65 14.7 11.0 16.4

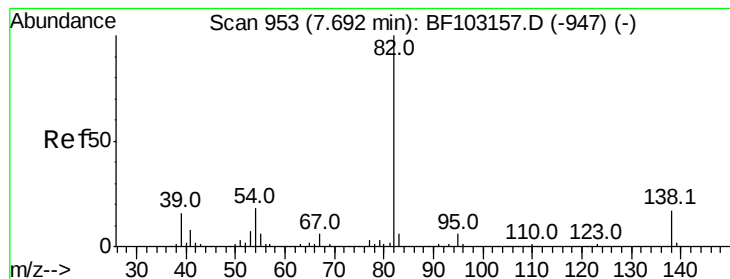


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.164 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

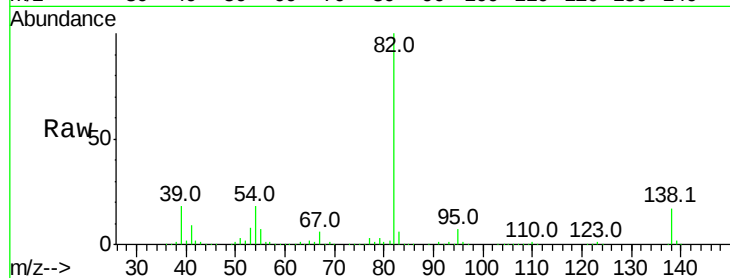
Tot Ion: 82 Resp: 877285

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

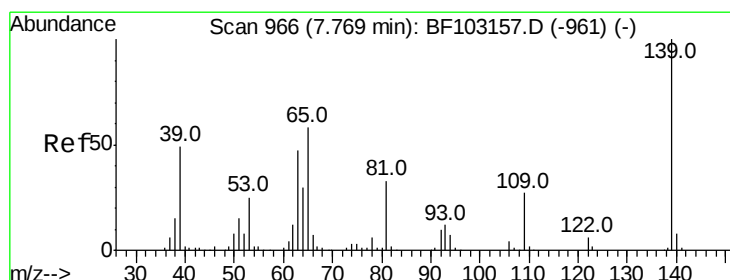
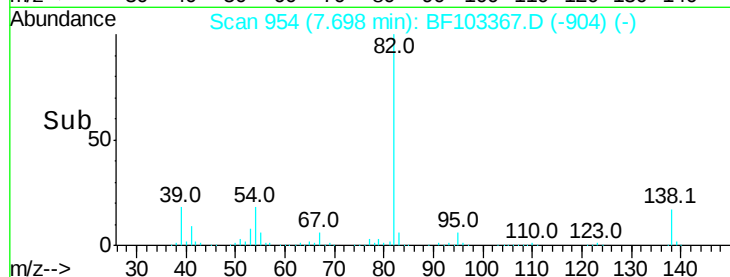
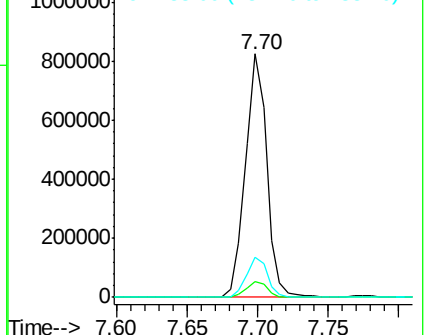
138 16.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.838 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

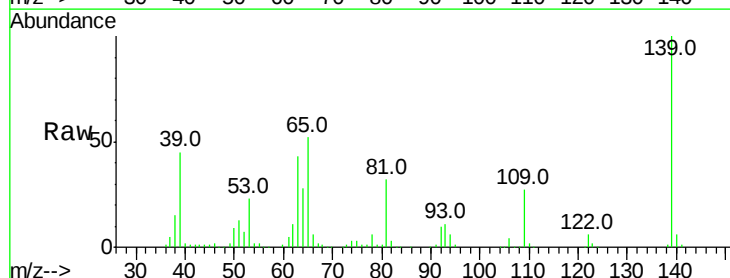
Tgt Ion: 139 Resp: 234652

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

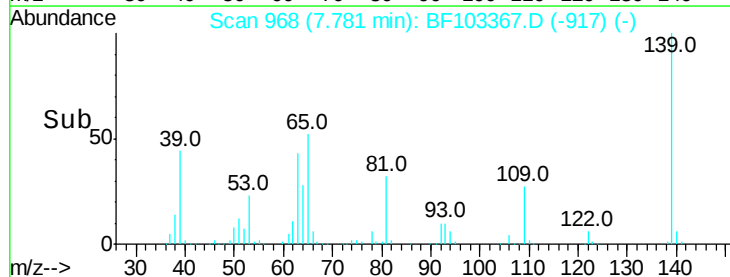
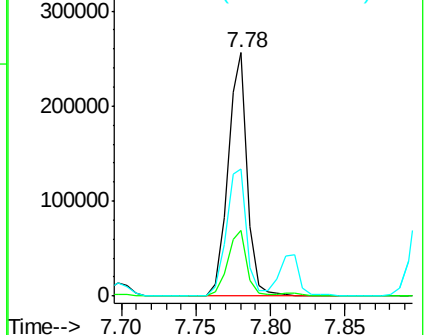
65 52.3 40.5 60.7

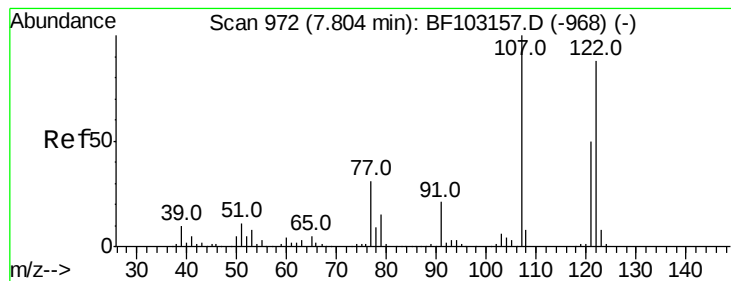


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

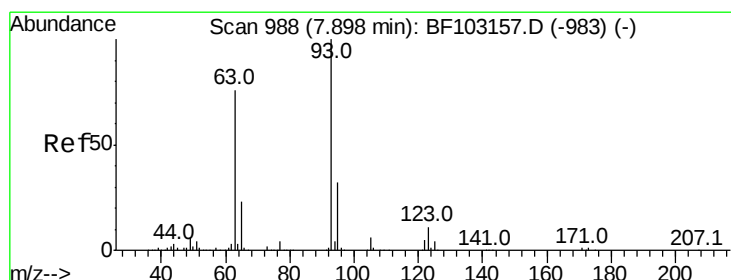
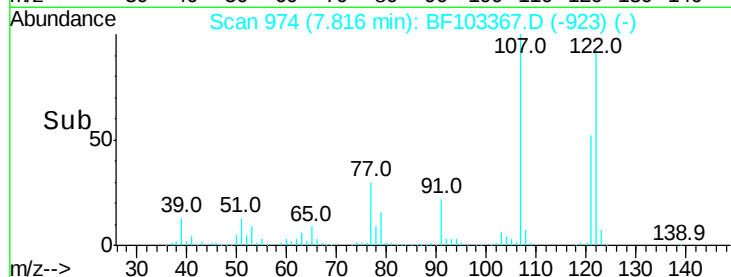
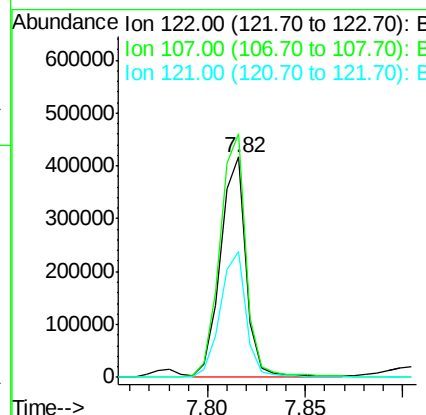
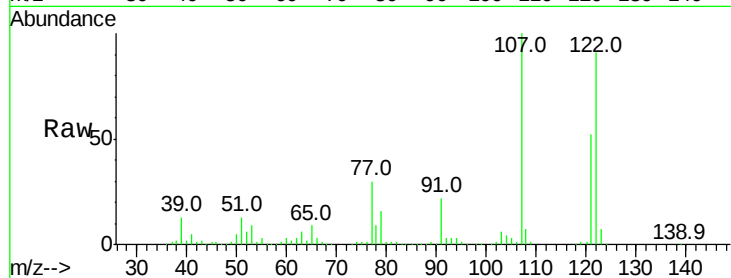




#27
 2,4-Dimethylphenol
 Concen: 44.568 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

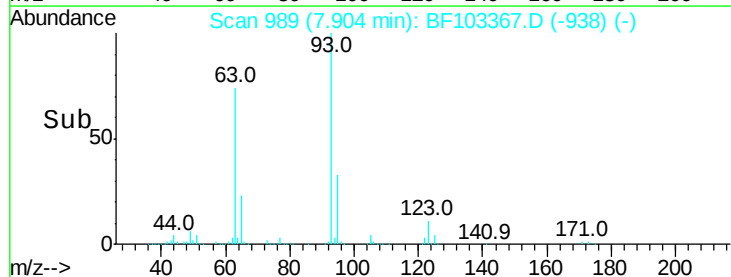
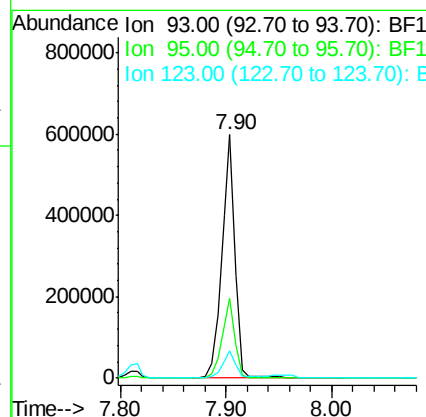
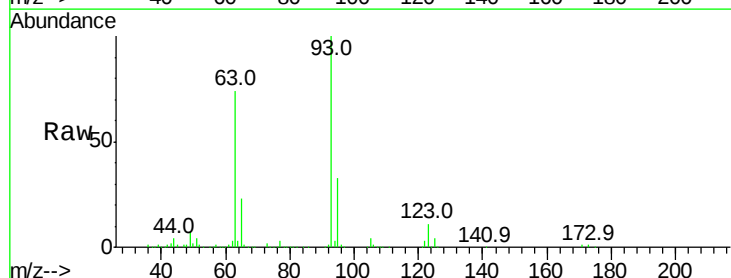
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

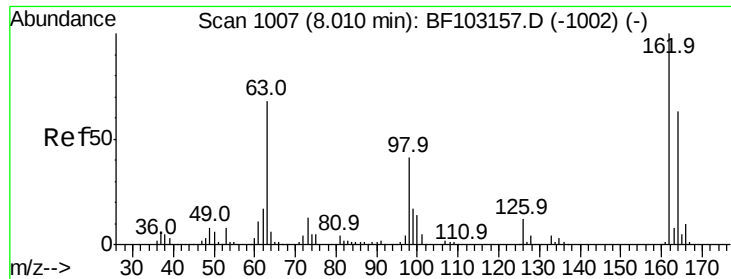
Tot Ion:122 Resp: 382076
 Ion Ratio Lower Upper
 122 100
 107 110.4 91.2 136.8
 121 56.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.981 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion: 93 Resp: 526018
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.1 9.8 14.6

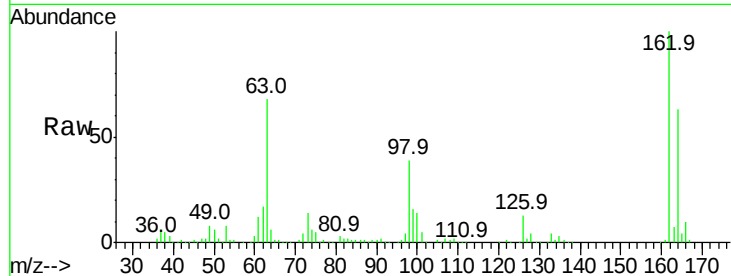




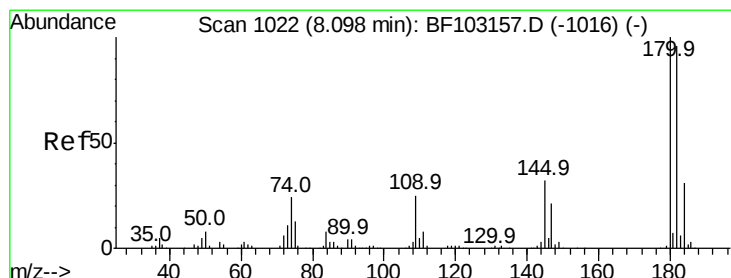
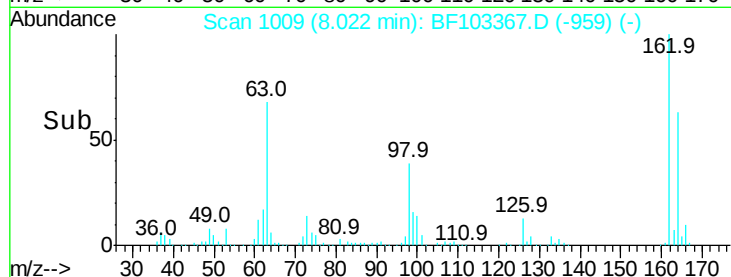
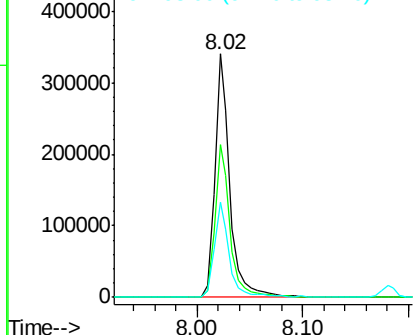
#29
 2,4-Dichlorophenol
 Concen: 41.722 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion:162 Resp: 342440
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.7 82.7
 98 39.0 18.1 58.1

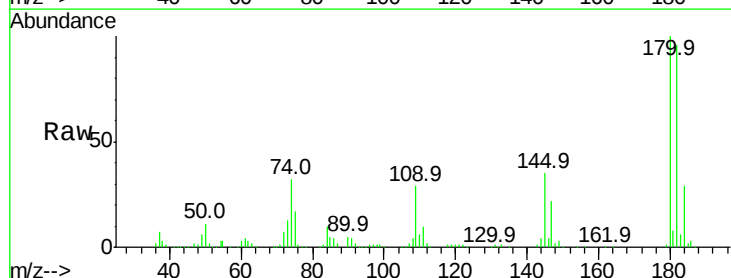


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

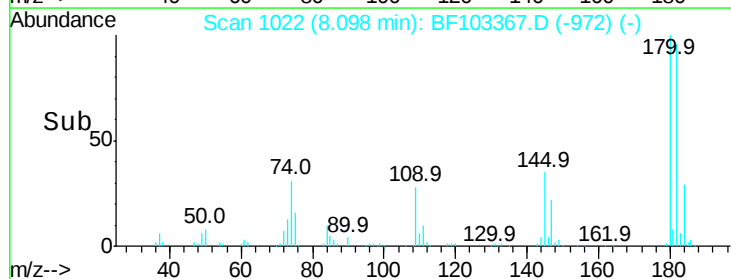
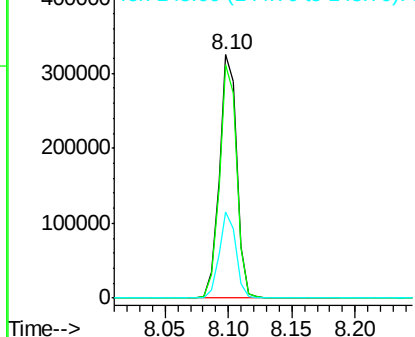


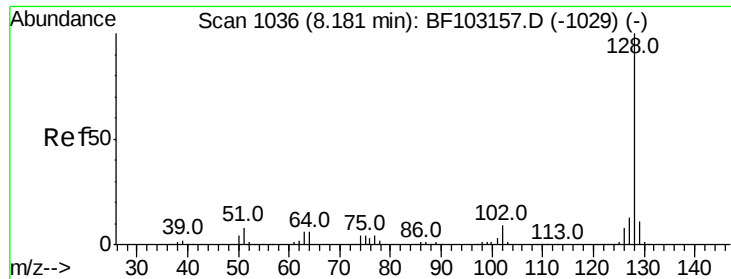
#30
 1,2,4-Trichlorobenzene
 Concen: 35.961 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:180 Resp: 314314
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.8 115.2
 145 35.2 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

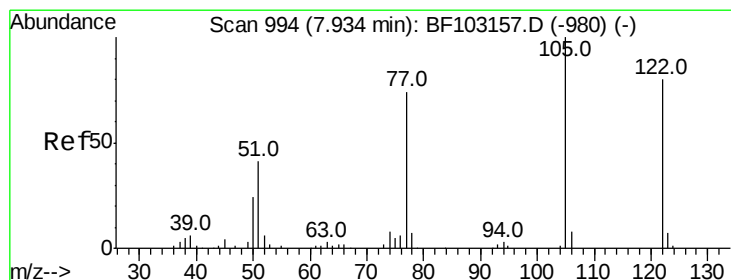
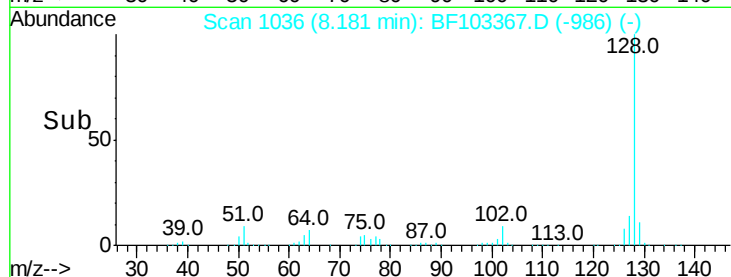
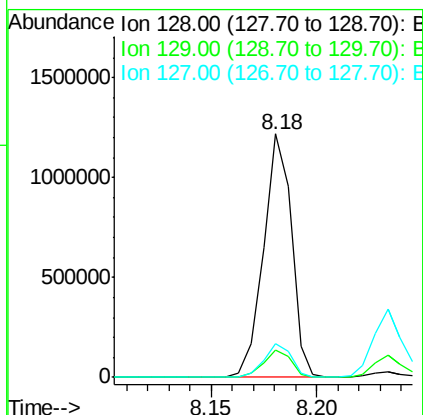
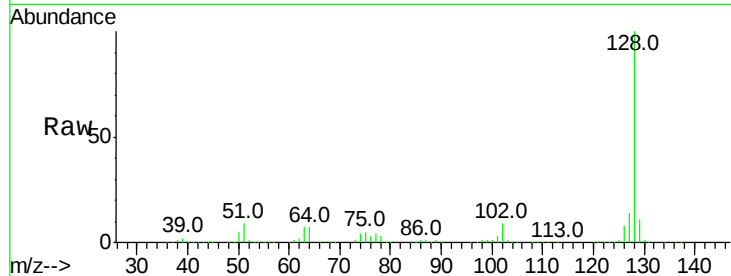




#31
Naphthalene
Concen: 37.208 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

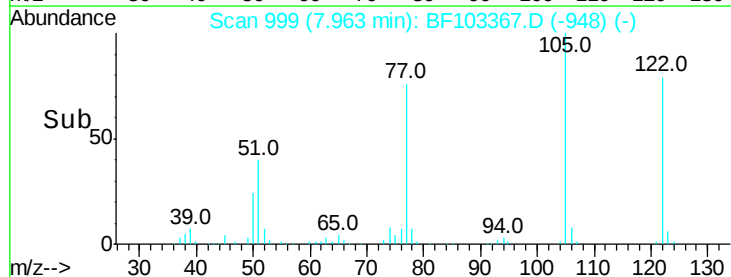
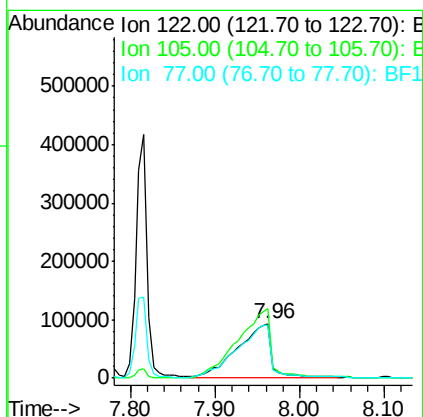
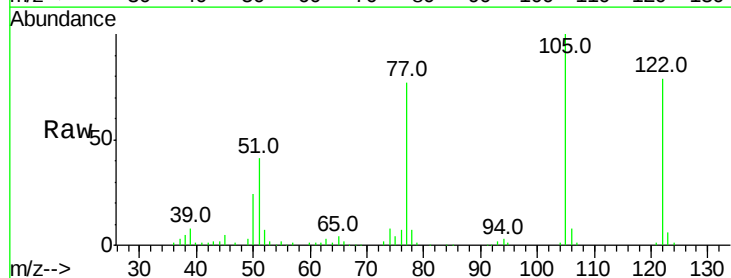
Instrument :
BNA_F
ClientSampleId :
PB106972BS

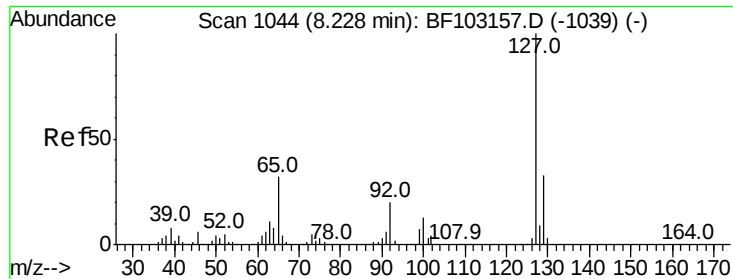
Tot Ion:128 Resp: 1125699
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 42.203 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:122 Resp: 262211
Ion Ratio Lower Upper
122 100
105 127.0 101.1 141.1
77 97.4 70.7 110.7

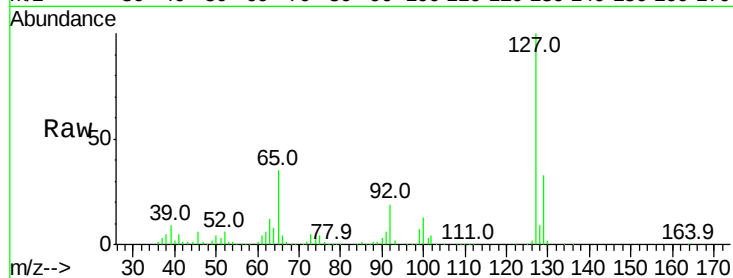




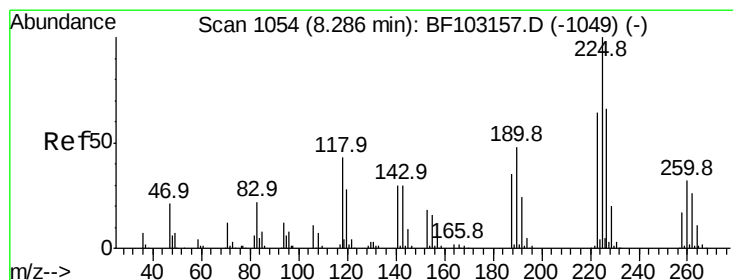
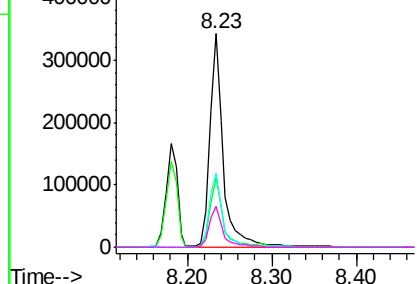
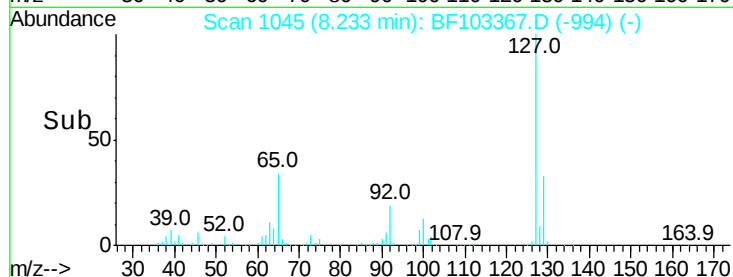
#33
4-Chloroaniline
Concen: 28.810 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion:127 Resp: 376123
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 34.5 25.0 37.4
92 19.1 15.2 22.8

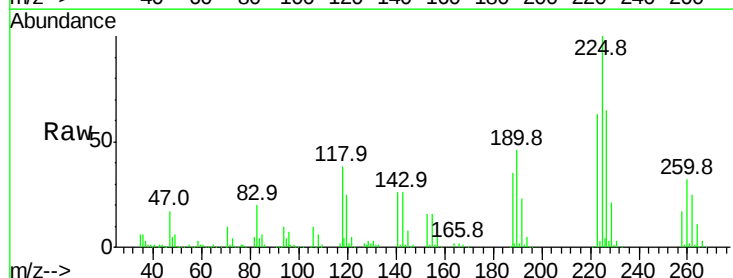


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

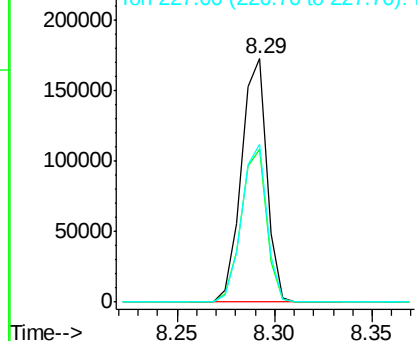
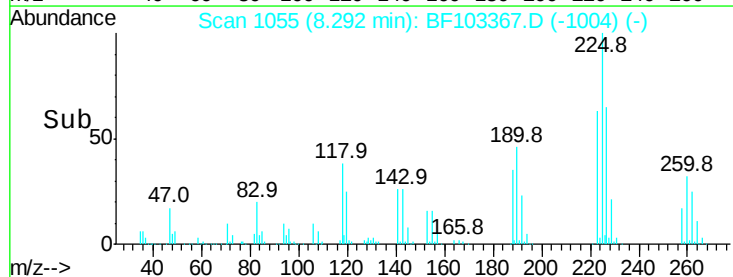


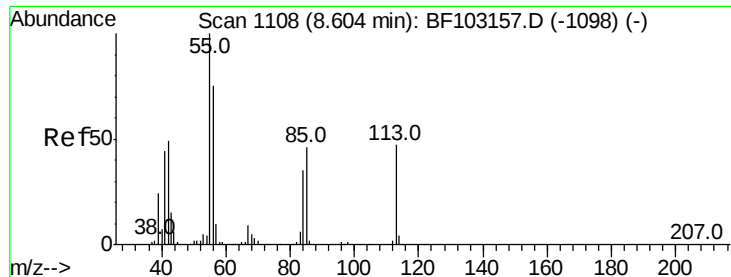
#34
Hexachlorobutadiene
Concen: 34.332 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:225 Resp: 156261
Ion Ratio Lower Upper
225 100
223 62.6 50.6 76.0
227 64.8 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: 31.836 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

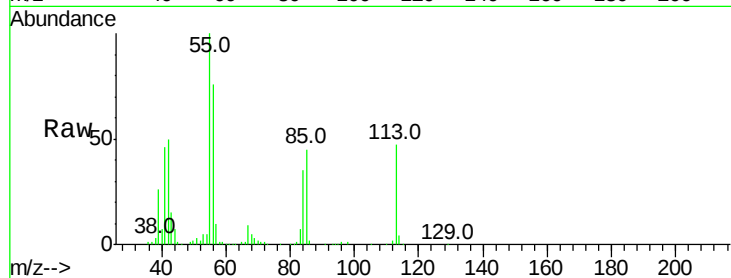
Tot Ion:113 Resp: 91837

Ion Ratio Lower Upper

113 100

55 213.6 163.3 203.3#

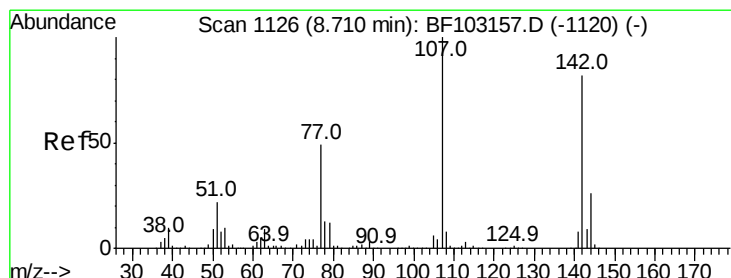
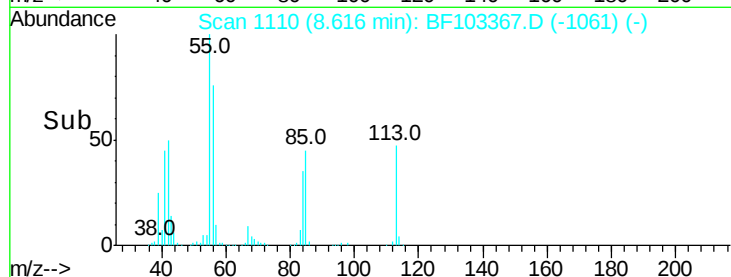
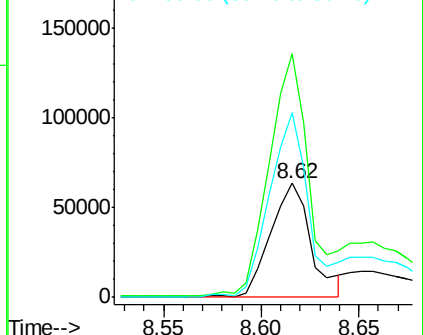
56 161.6 115.7 155.7#



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: 42.323 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

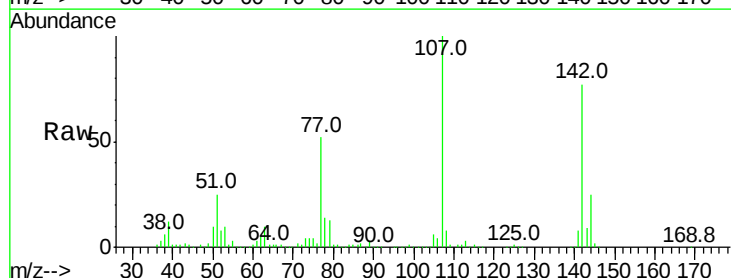
Tgt Ion:107 Resp: 391812

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

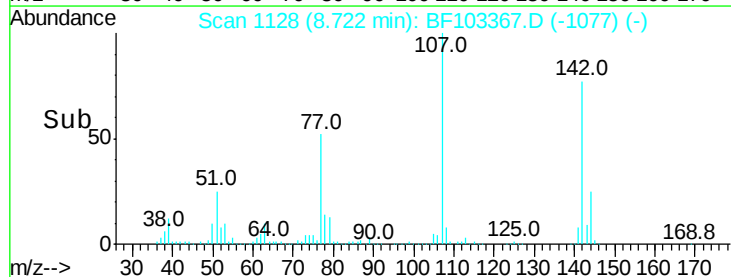
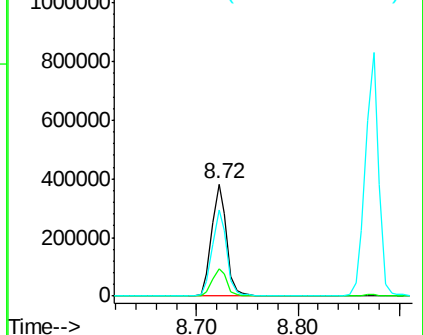
142 77.4 62.0 93.0

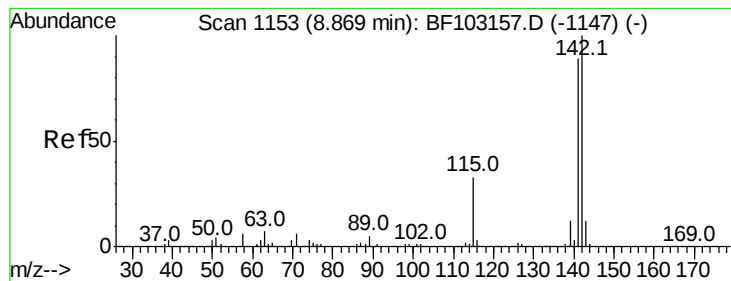


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.951 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

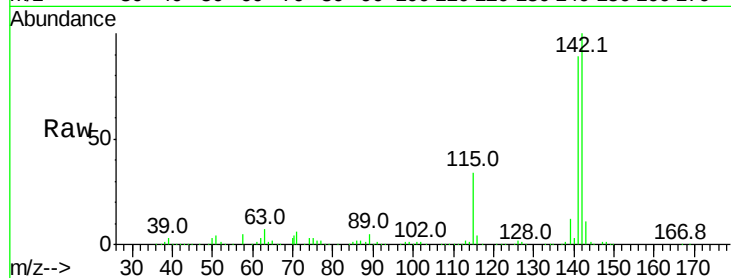
Tot Ion:142 Resp: 761596

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

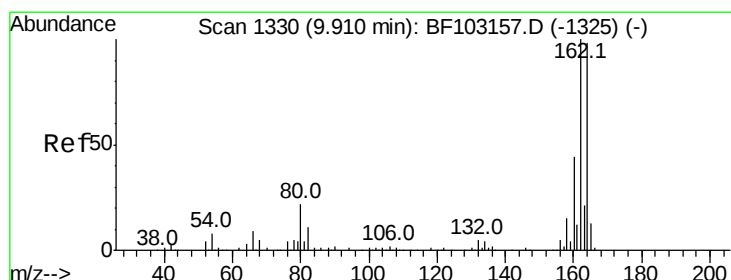
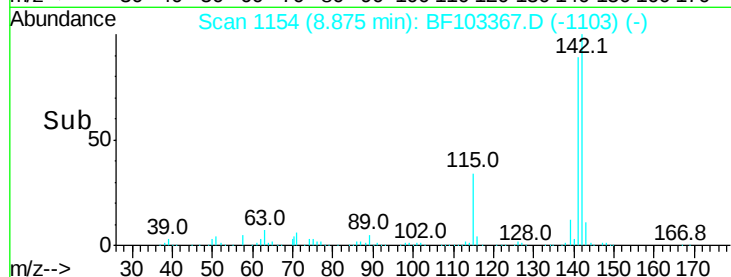
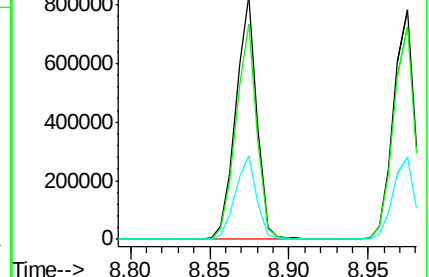
115 34.3 26.1 39.1



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: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

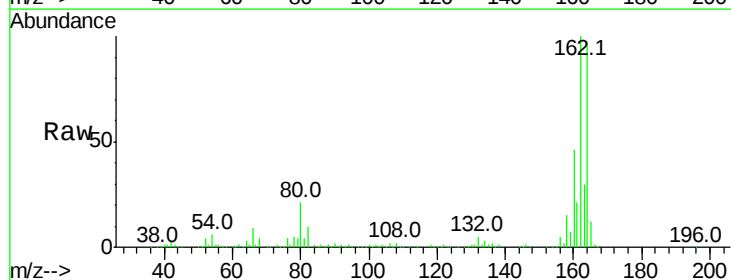
Tgt Ion:164 Resp: 283683

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

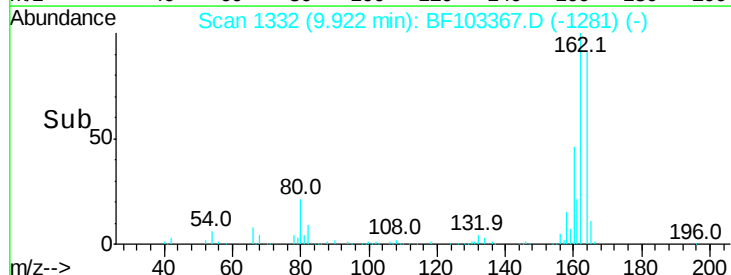
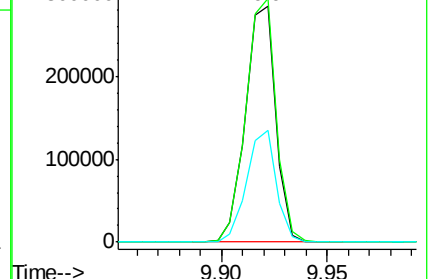
160 47.1 38.3 57.5

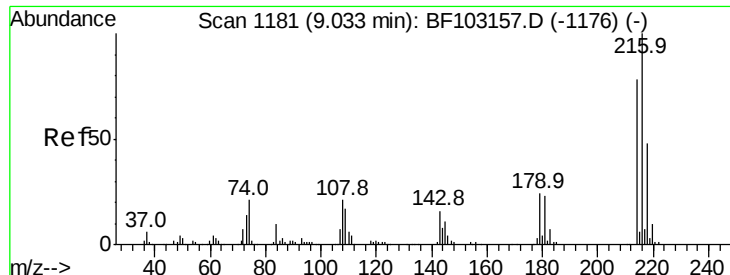


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.839 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

Tot Ion:216 Resp: 277947

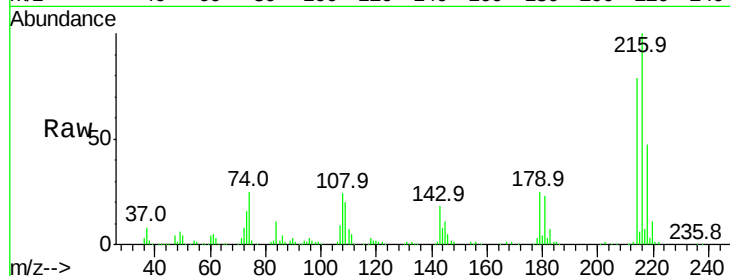
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.7 18.1 27.1

108 26.1 17.2 25.8#

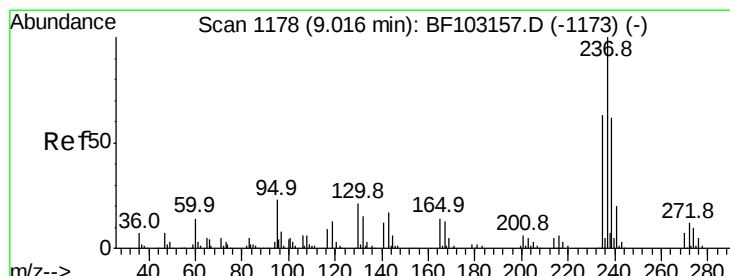
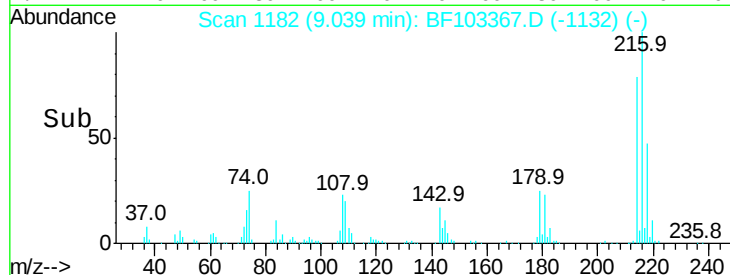
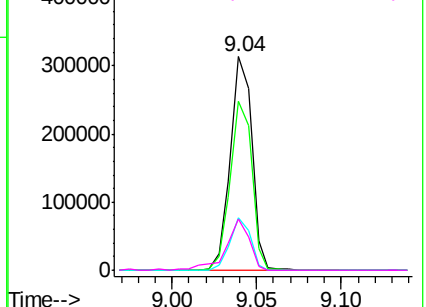


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.119 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

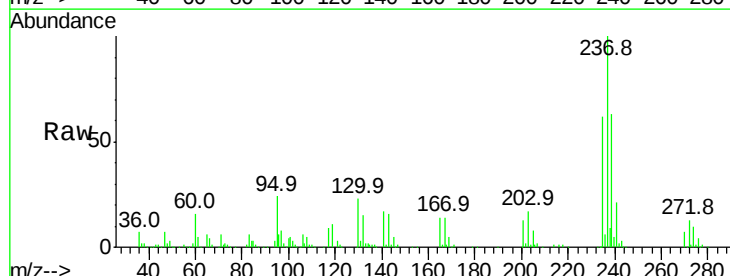
Tgt Ion:237 Resp: 172930

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

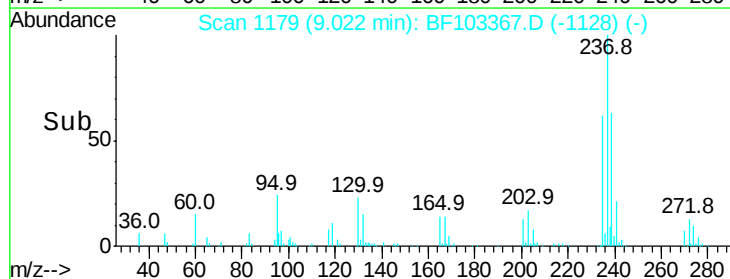
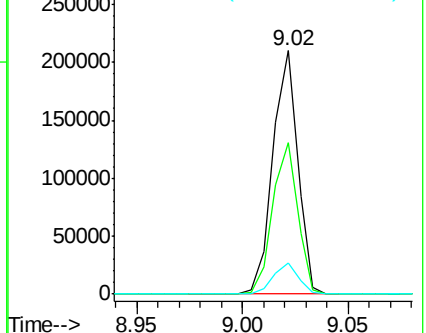
272 12.7 0.0 33.3

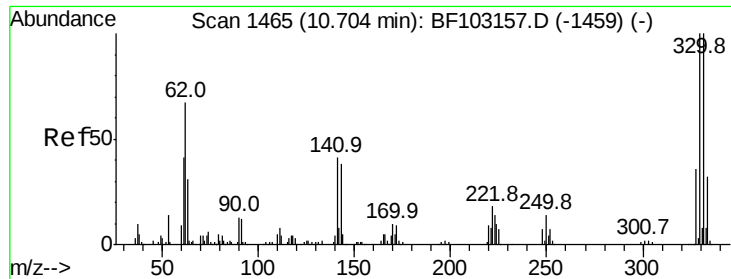


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

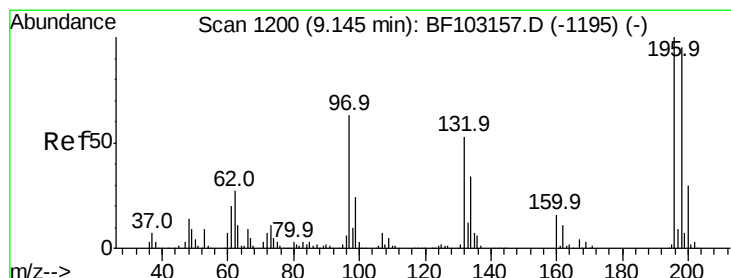
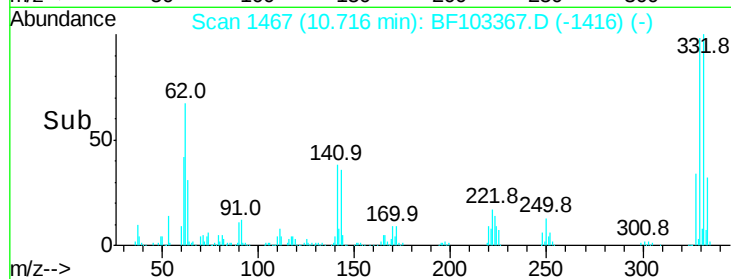
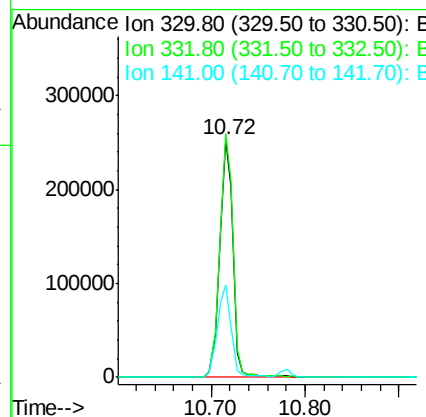
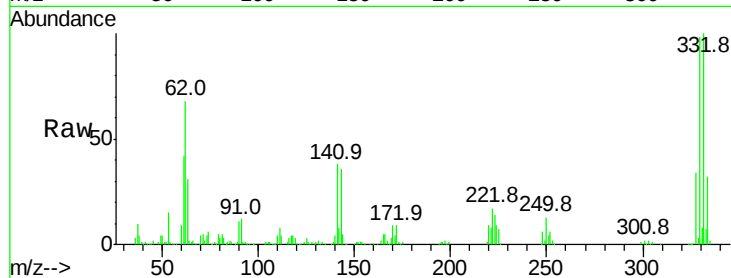




#41
 2,4,6-Tribromophenol
 Concen: 106.194 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

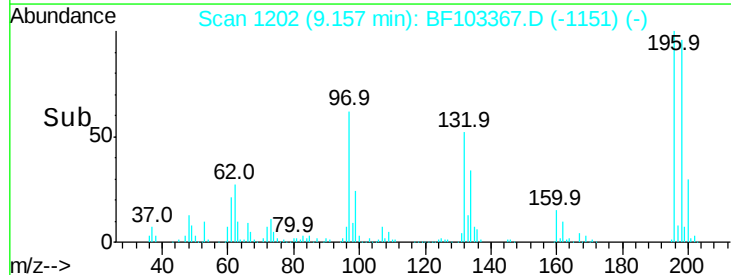
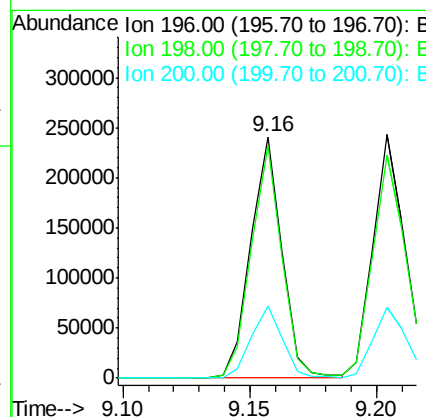
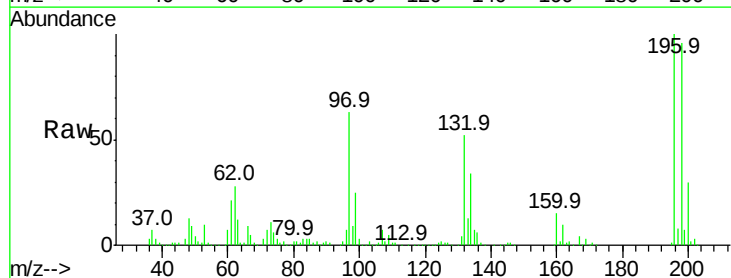
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

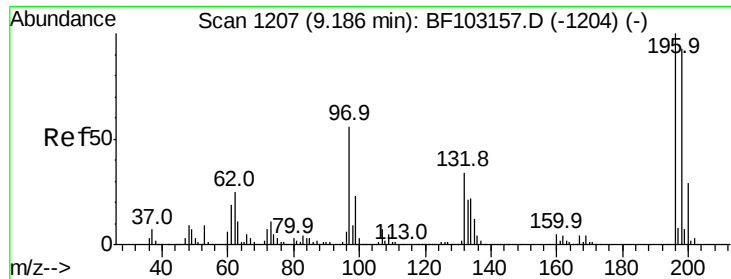
Tot Ion:330 Resp: 254995
 Ion Ratio Lower Upper
 330 100
 332 103.0 77.0 115.6
 141 40.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.812 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:196 Resp: 207755
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.0 24.5 36.7

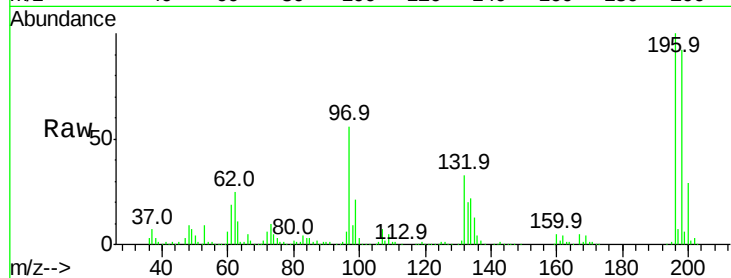




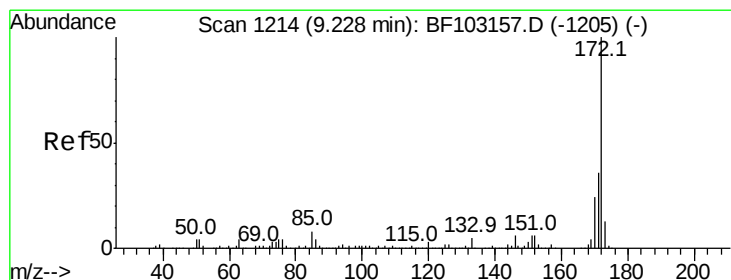
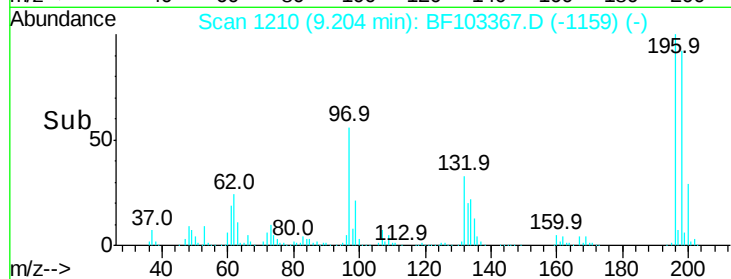
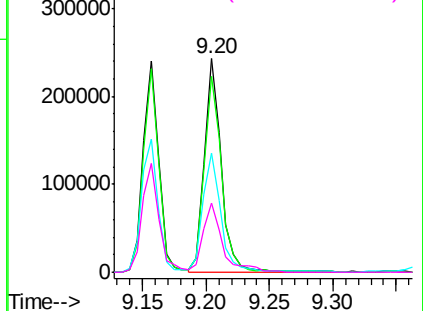
#43
 2,4,5-Trichlorophenol
 Concen: 37.418 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion:196 Resp: 224581
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.6 112.0
 97 56.0 42.9 64.3
 132 32.5 26.3 39.5

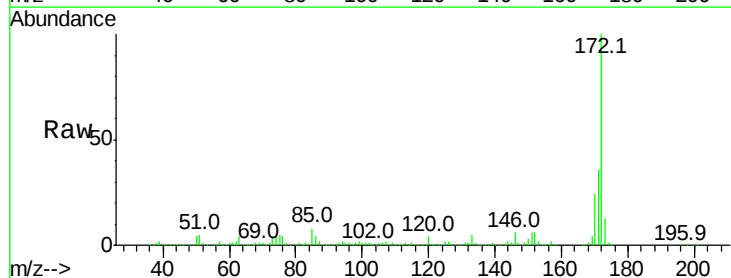


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

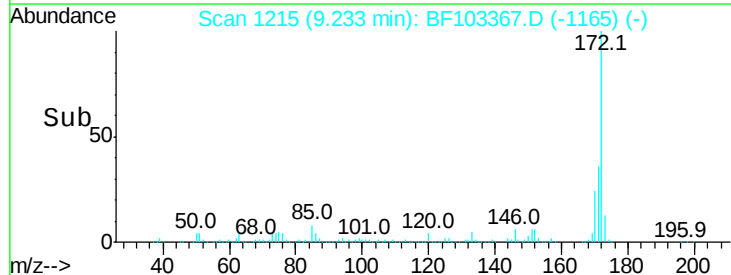
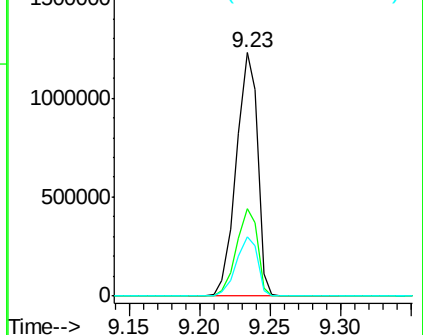


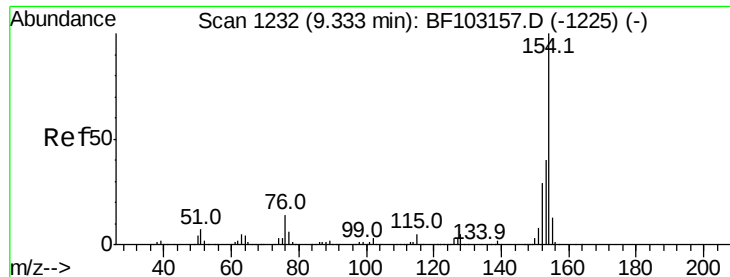
#44
 2-Fluorobiphenyl
 Concen: 76.243 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:172 Resp: 1286973
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 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

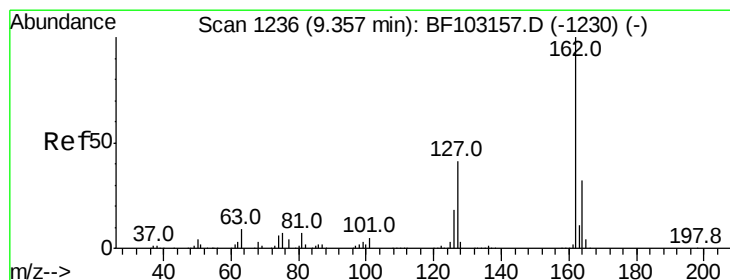
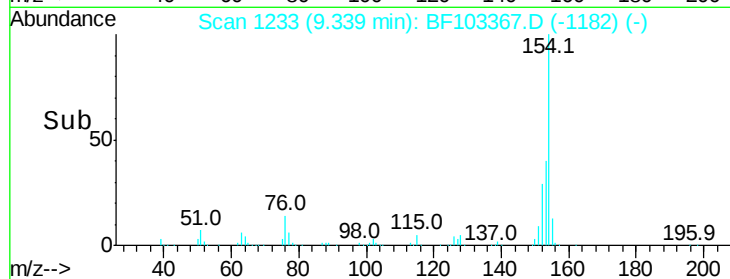
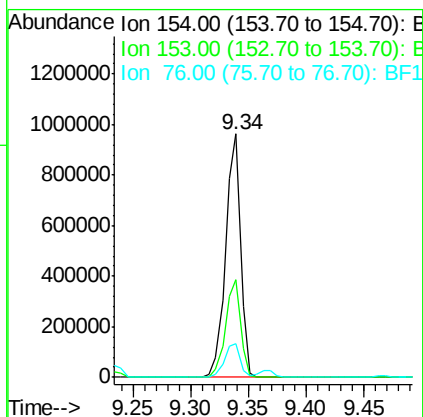
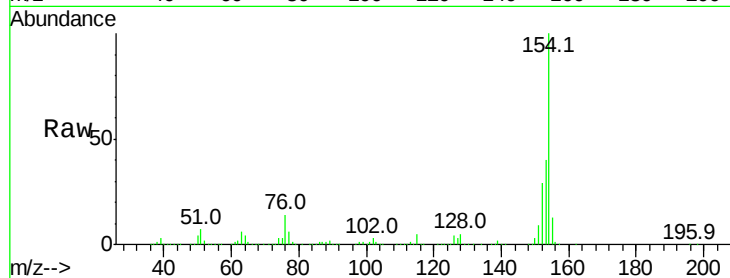




#45
 1,1'-Biphenyl
 Concen: 36.292 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

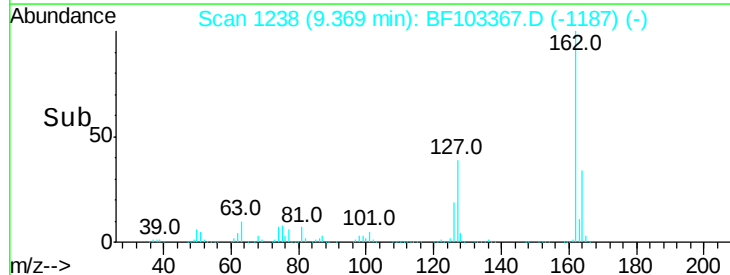
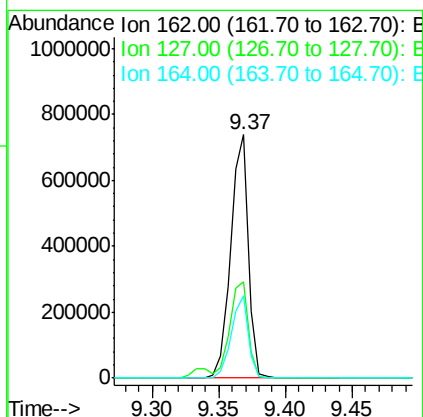
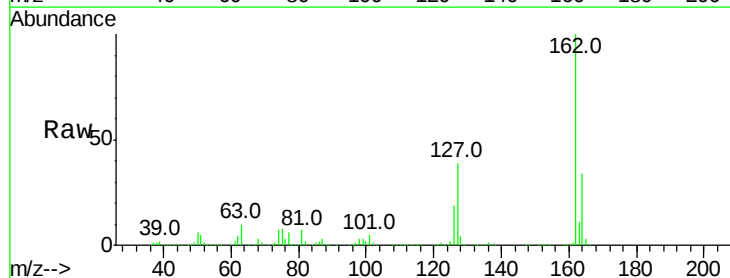
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

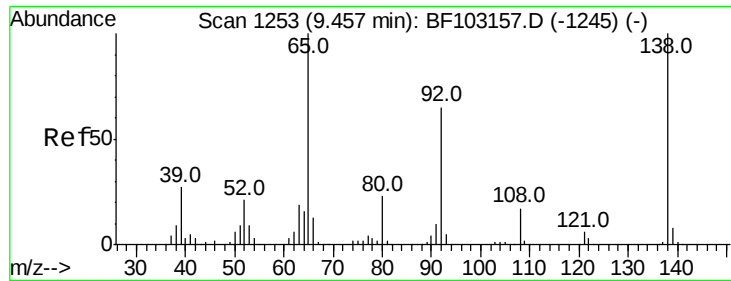
Tot Ion:154 Resp: 862698
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 13.6 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 36.711 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:162 Resp: 690405
 Ion Ratio Lower Upper
 162 100
 127 39.5 33.9 50.9
 164 33.6 26.5 39.7

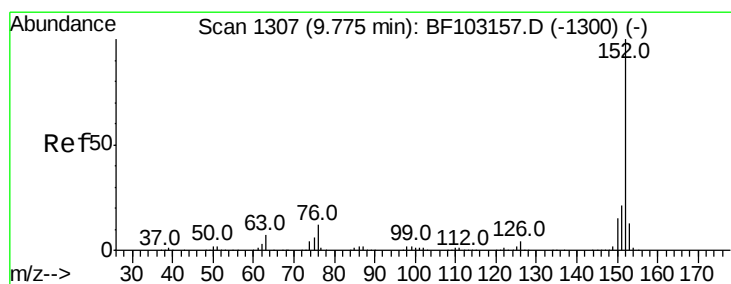
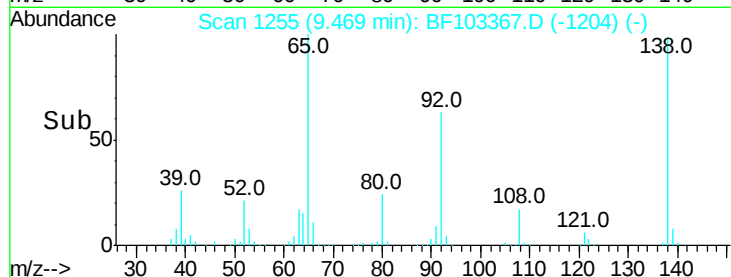
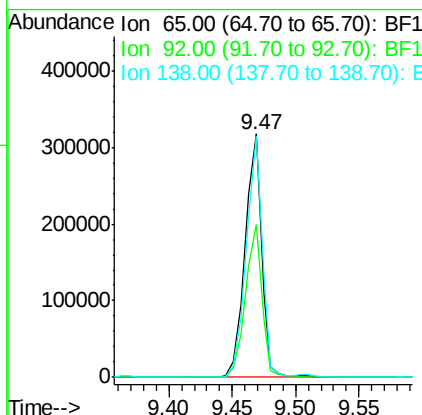
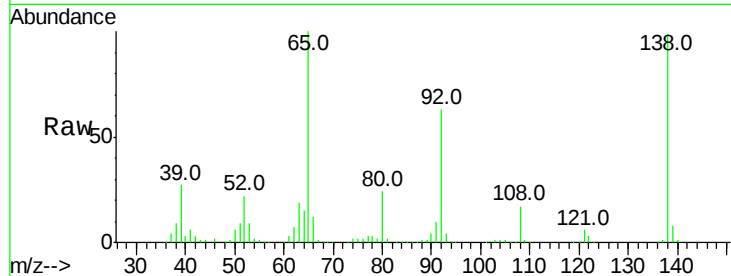




#47
 2-Nitroaniline
 Concen: 41.351 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

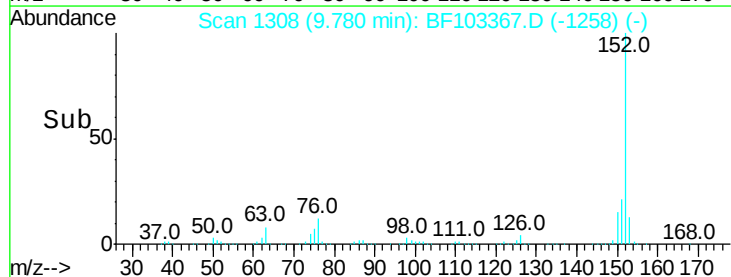
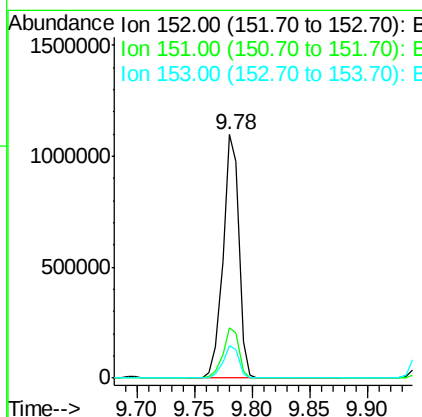
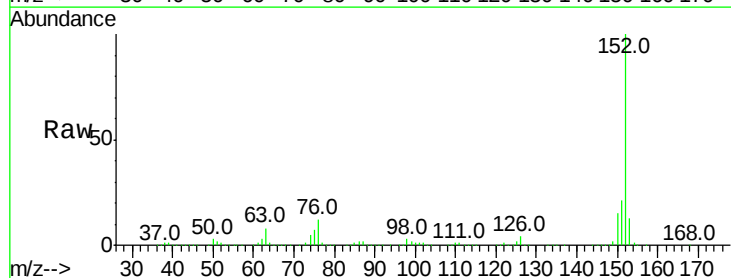
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

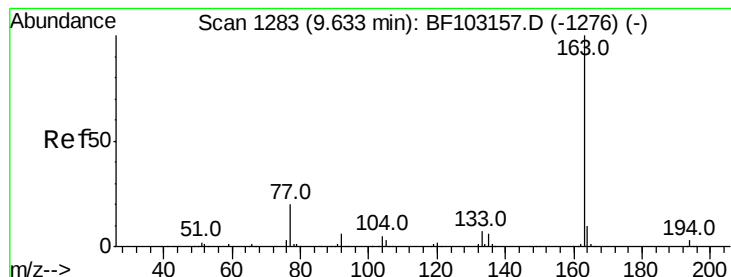
Tot Ion: 65 Resp: 288061
 Ion Ratio Lower Upper
 65 100
 92 62.6 55.8 83.6
 138 98.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.129 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:152 Resp: 1045396
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 36.603 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

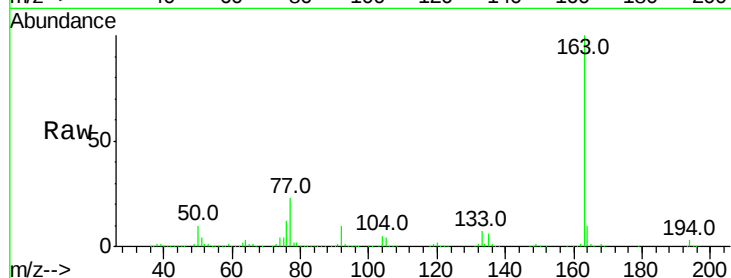
Tot Ion:163 Resp: 833004

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

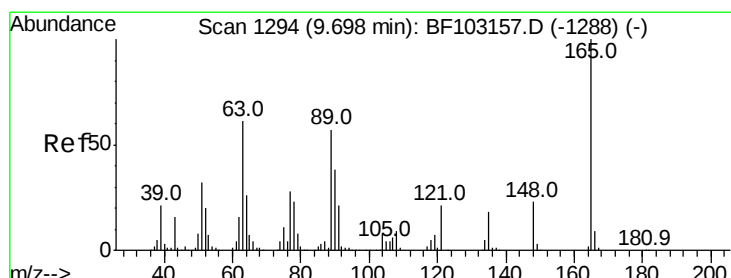
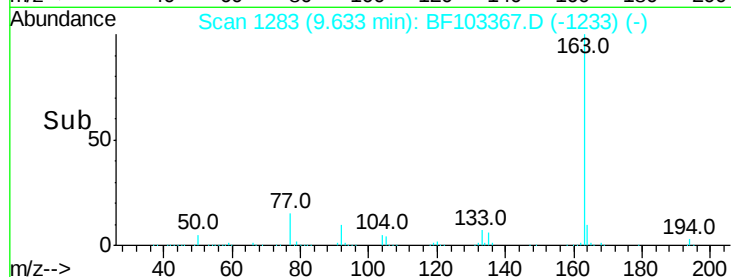
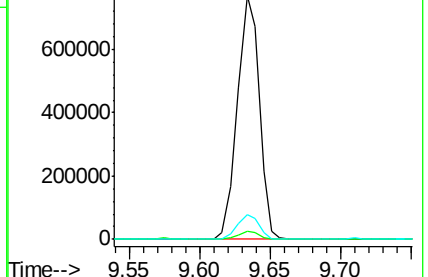
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.113 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

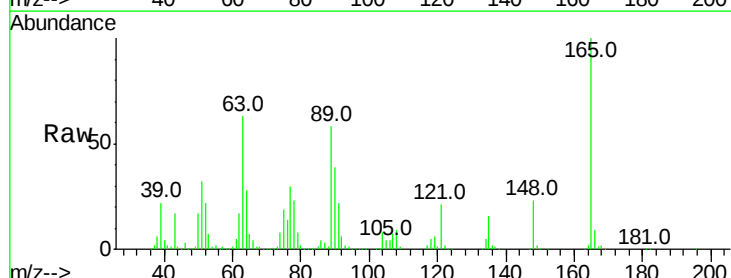
Tgt Ion:165 Resp: 182017

Ion Ratio Lower Upper

165 100

63 62.6 44.7 67.1

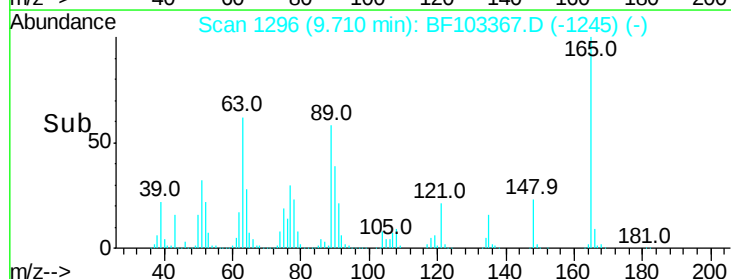
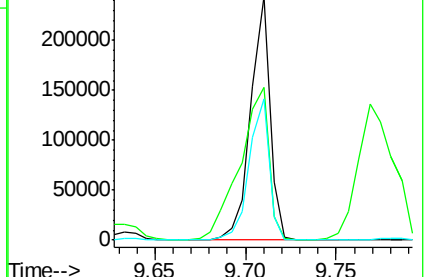
89 57.9 44.0 66.0

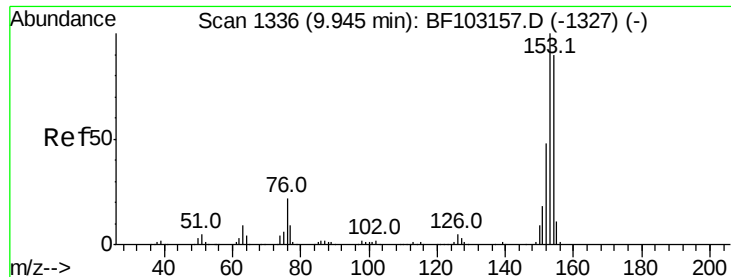


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.771 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

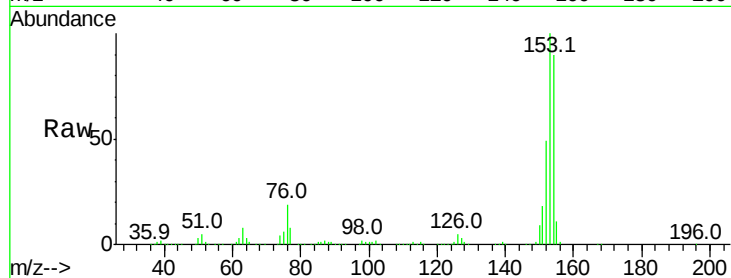
Tot Ion:154 Resp: 620428

Ion Ratio Lower Upper

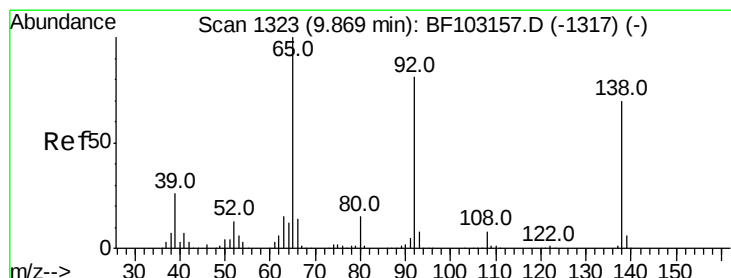
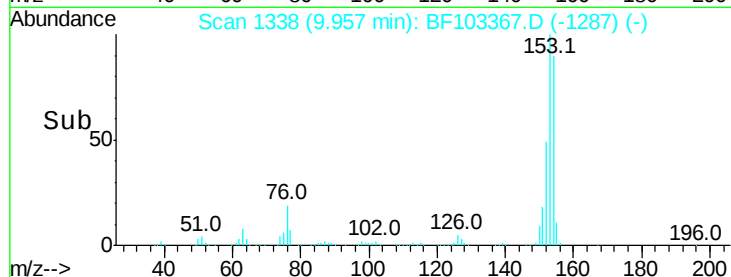
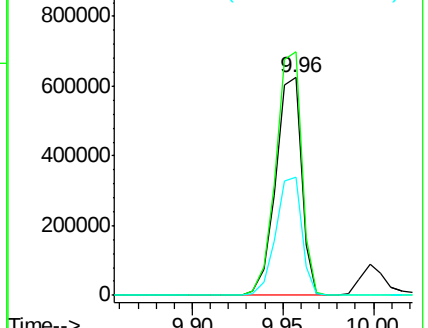
154 100

153 111.7 91.2 136.8

152 54.5 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: 30.248 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

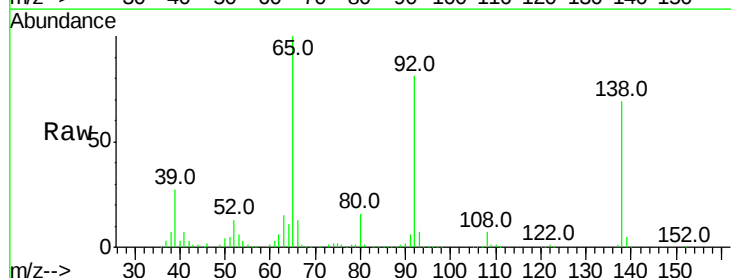
Tgt Ion:138 Resp: 183278

Ion Ratio Lower Upper

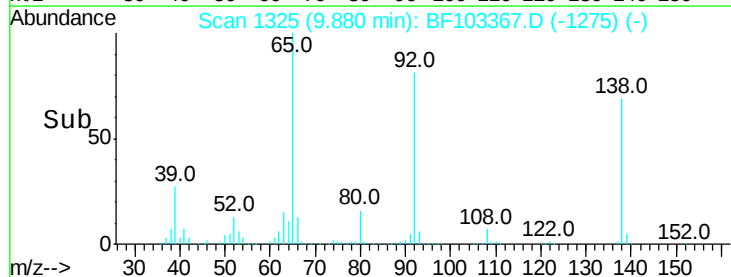
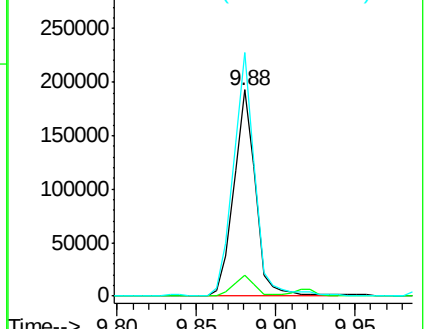
138 100

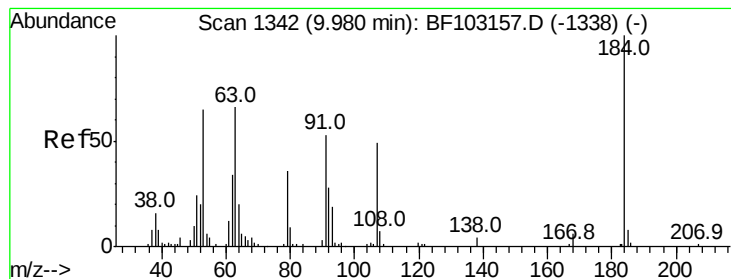
108 10.4 9.4 14.0

92 118.0 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: 80.198 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

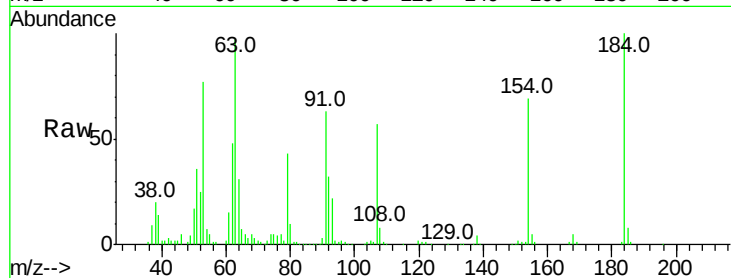
Tot Ion:184 Resp: 138392

Ion Ratio Lower Upper

184 100

63 97.2 54.2 81.2#

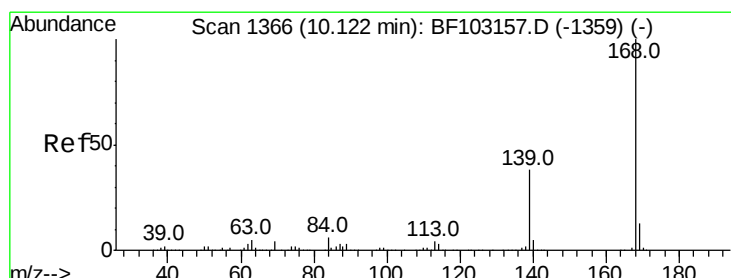
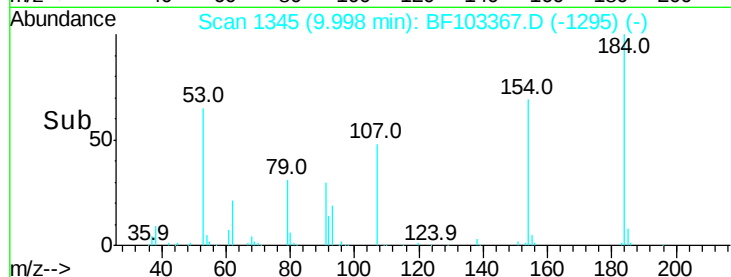
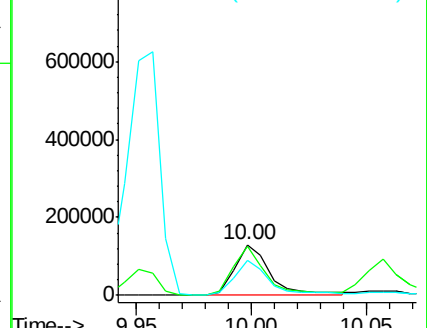
154 69.5 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.014 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

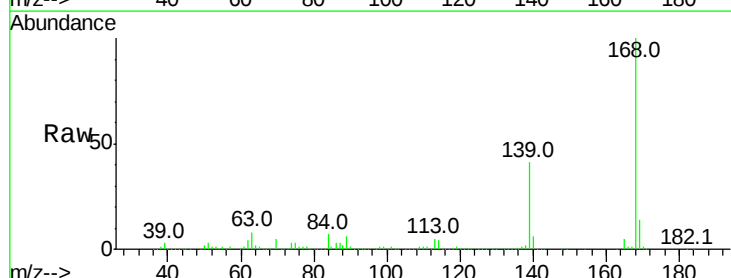
Tgt Ion:168 Resp: 880464

Ion Ratio Lower Upper

168 100

139 40.9 30.1 45.1

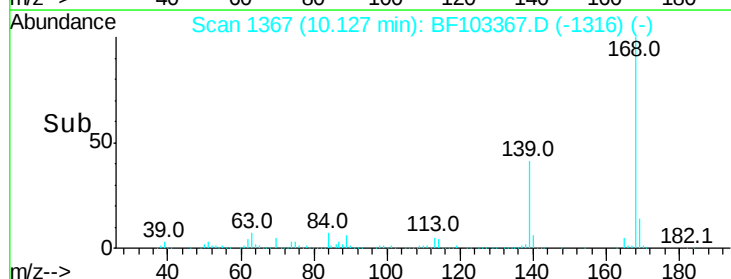
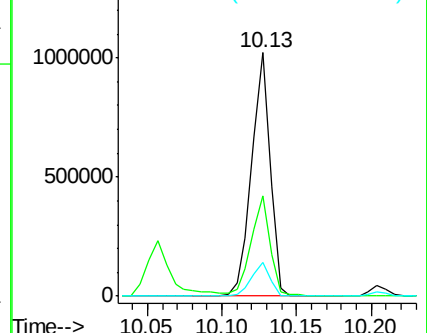
169 13.6 10.9 16.3

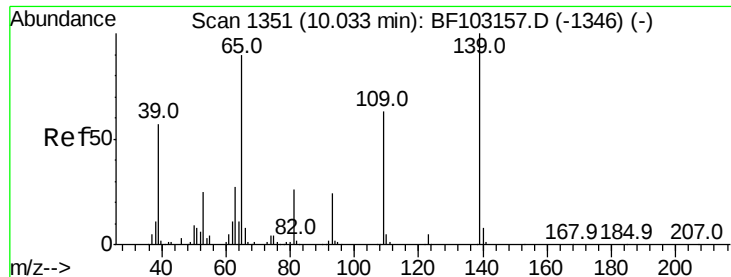


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

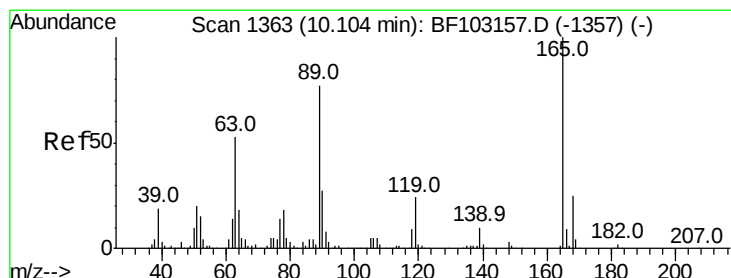
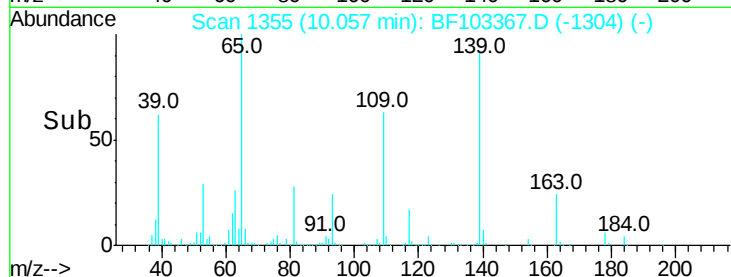
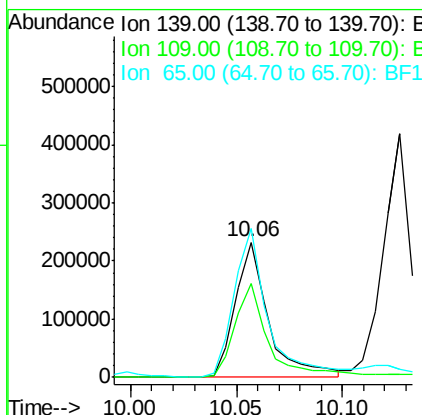
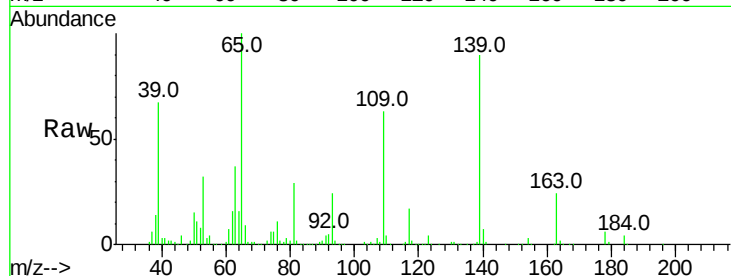




#55
4-Nitrophenol
Concen: 67.456 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

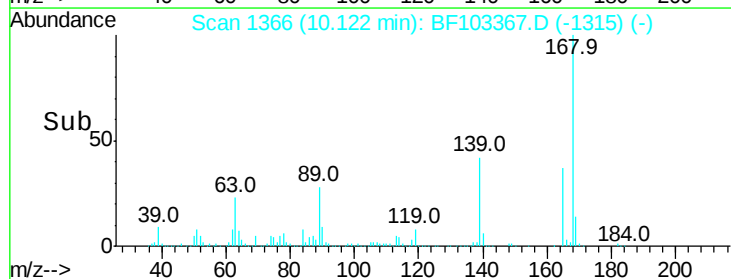
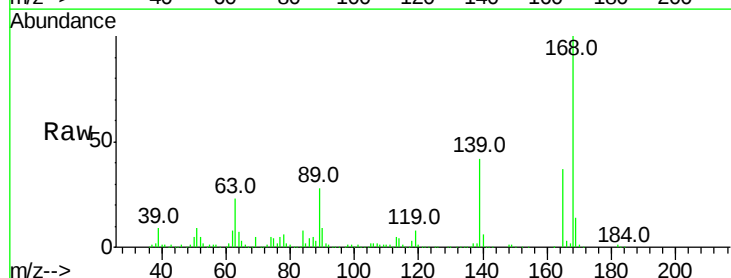
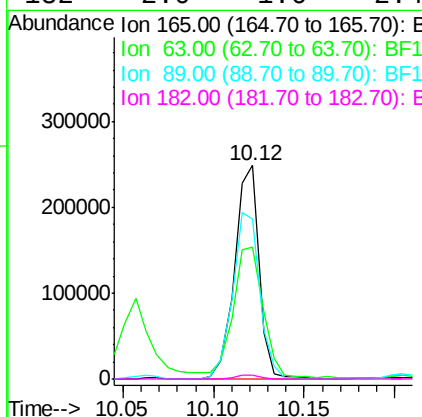
Instrument :
BNA_F
ClientSampleId :
PB106972BS

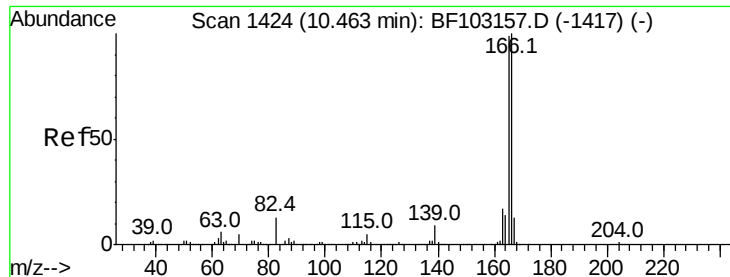
Tot Ion:139 Resp: 253315
Ion Ratio Lower Upper
139 100
109 69.5 48.4 88.4
65 110.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.625 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:165 Resp: 233296
Ion Ratio Lower Upper
165 100
63 61.8 36.4 54.6#
89 74.9 57.8 86.6
182 2.0 1.6 2.4

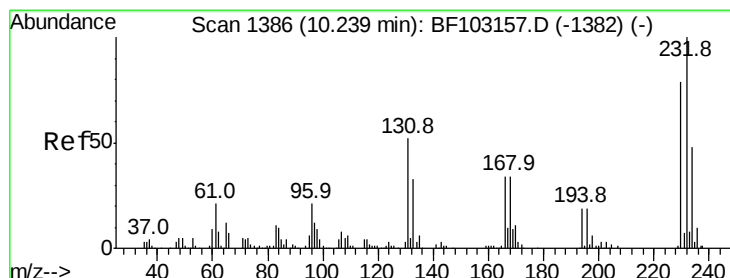
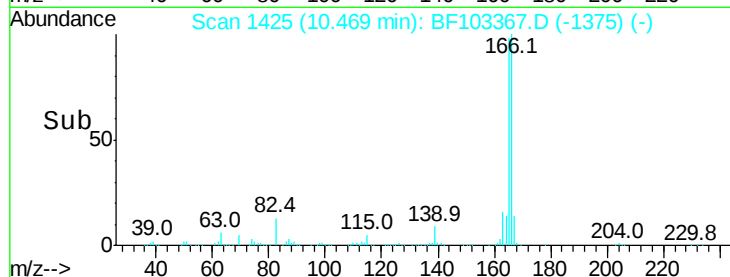
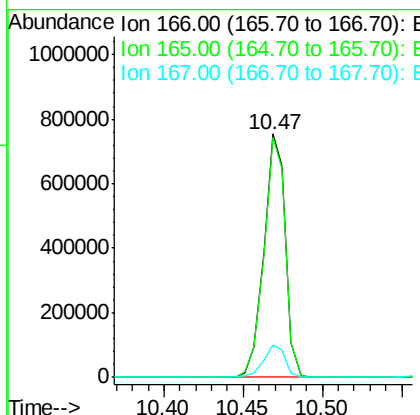
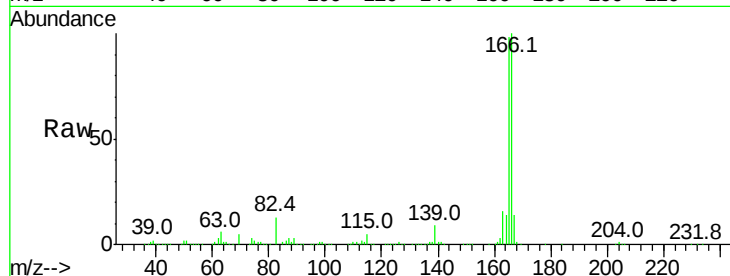




#57
 Fluorene
 Concen: 36.121 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

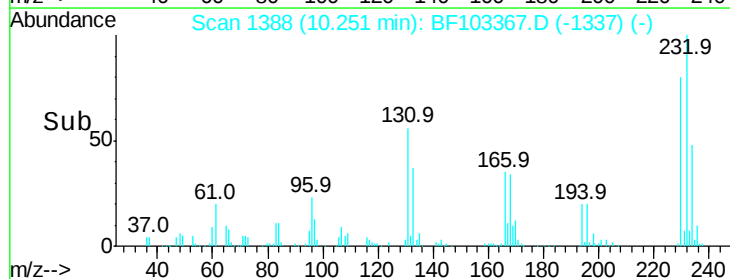
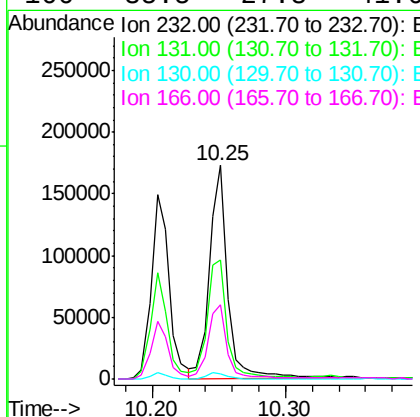
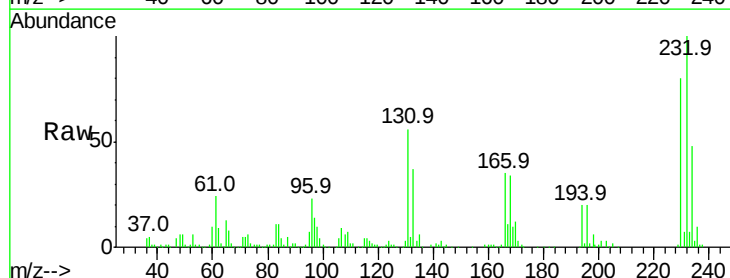
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

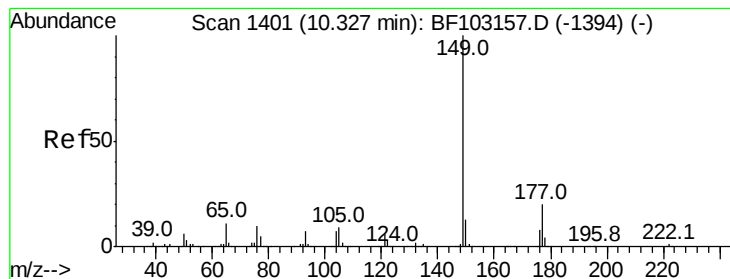
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.402 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.6	43.8	65.8
130	3.1	2.1	3.1
166	35.5	27.8	41.6





#59

Diethylphthalate

Concen: 38.629 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

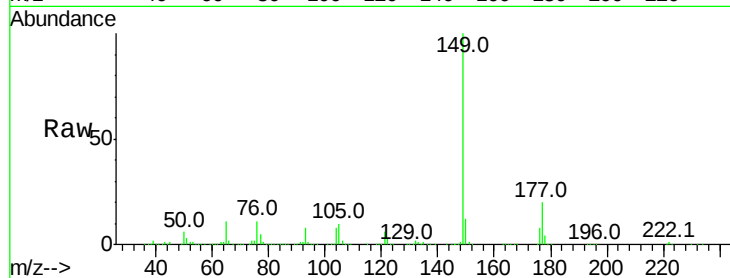
Tot Ion:149 Resp: 840784

Ion Ratio Lower Upper

149 100

177 20.1 16.1 24.1

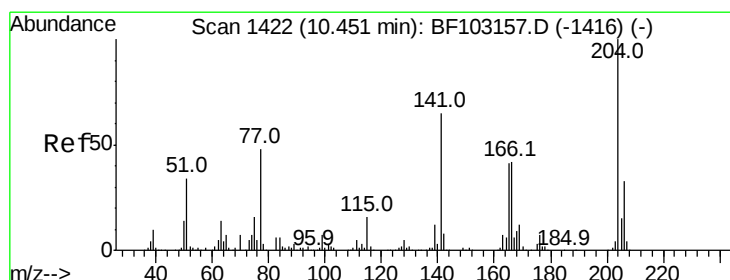
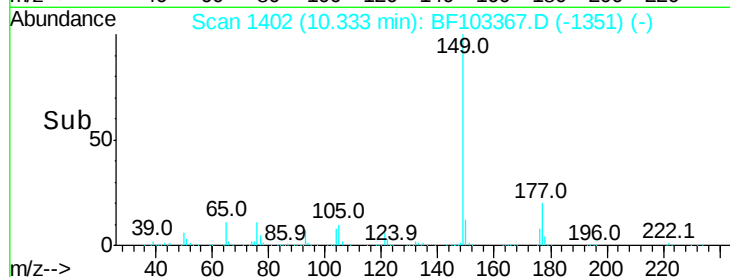
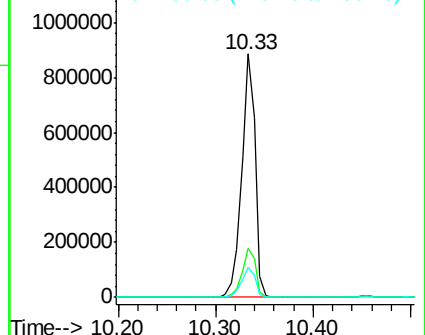
150 12.2 10.1 15.1



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: 37.822 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

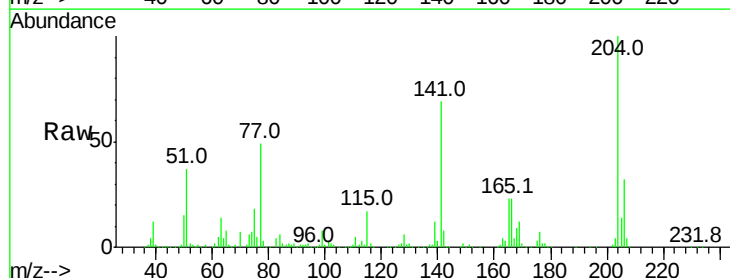
Tgt Ion:204 Resp: 316463

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

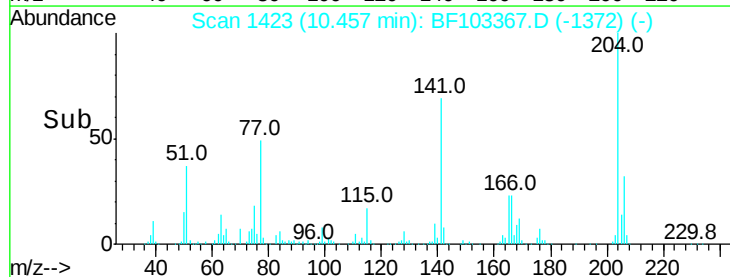
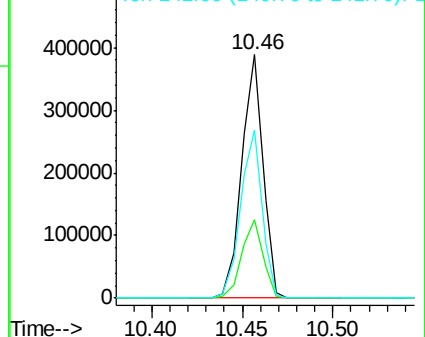
141 69.1 54.6 81.8

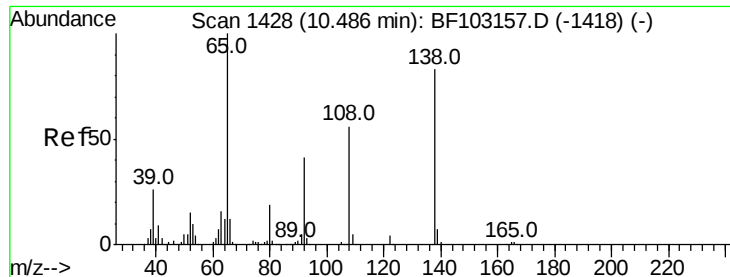


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

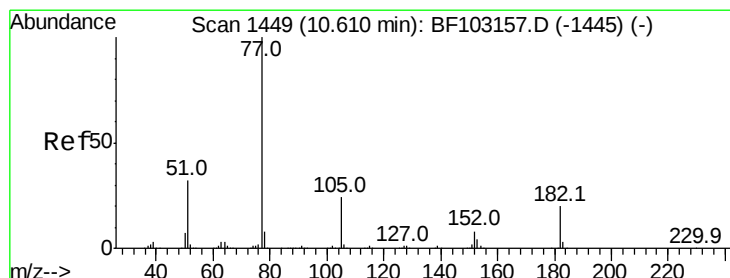
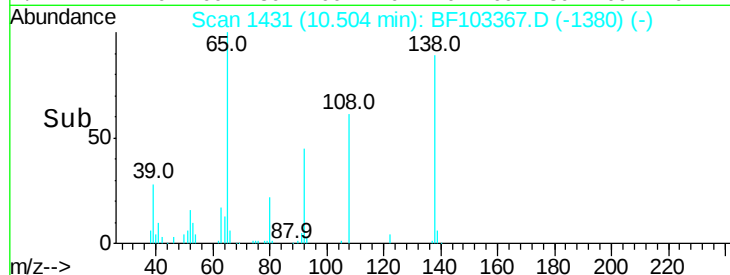
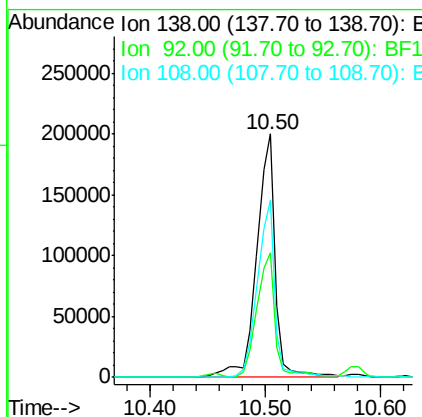
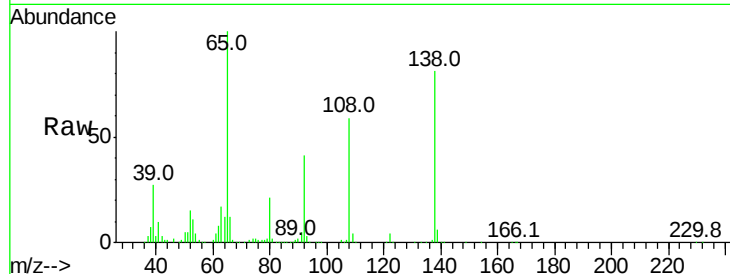




#61
4-Nitroaniline
Concen: 37.367 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

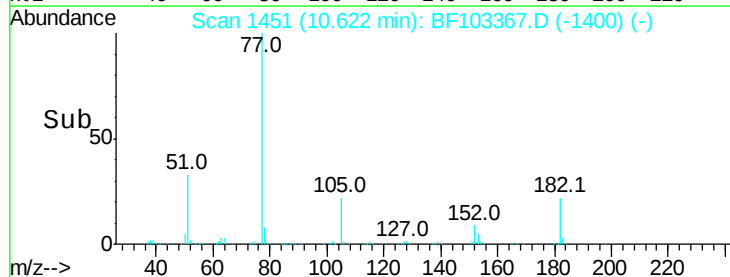
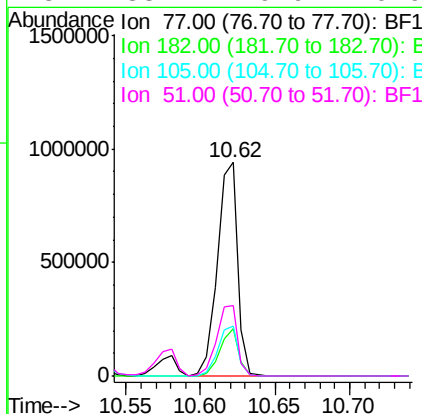
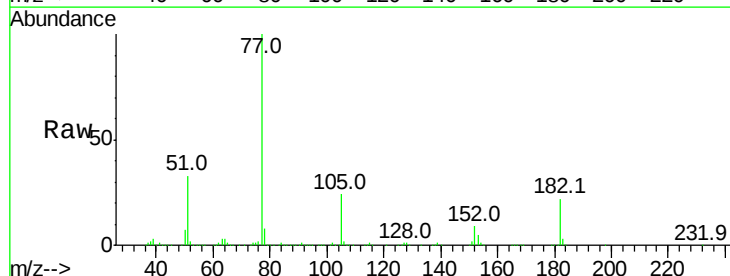
Instrument :
BNA_F
ClientSampleId :
PB106972BS

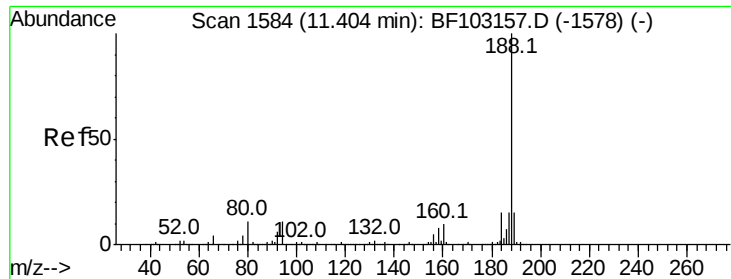
Tot Ion:138 Resp: 226144
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 72.7 52.5 92.5



#62
Azobenzene
Concen: 40.178 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion: 77 Resp: 890139
Ion Ratio Lower Upper
77 100
182 22.1 1.7 41.7
105 23.6 3.0 43.0
51 33.1 9.9 49.9

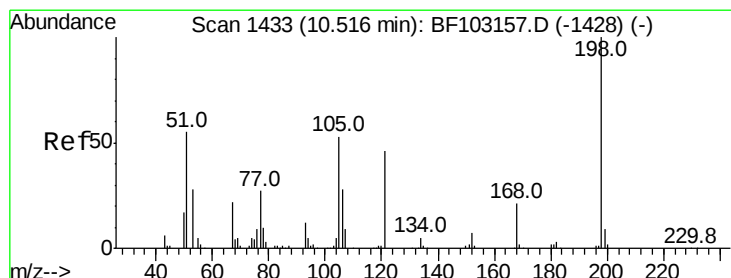
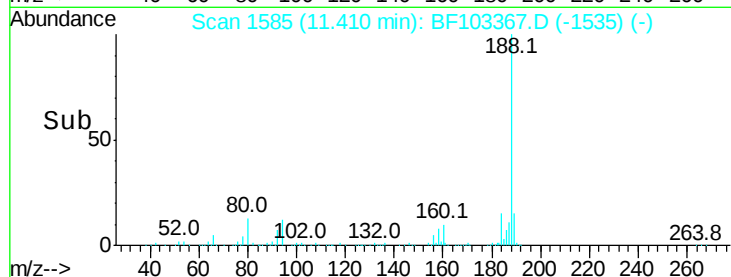
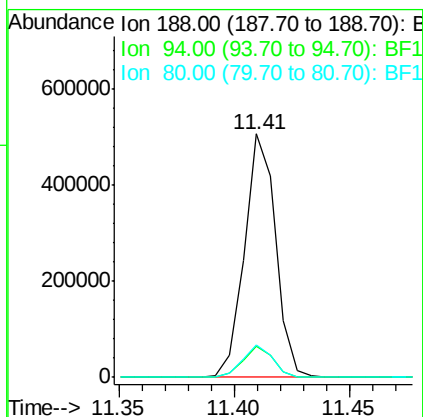
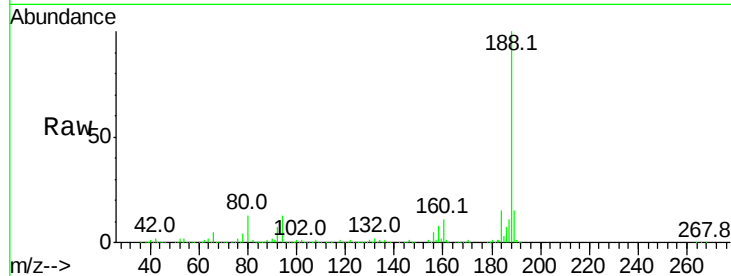




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

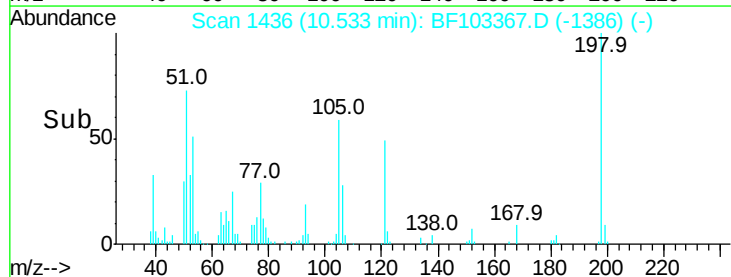
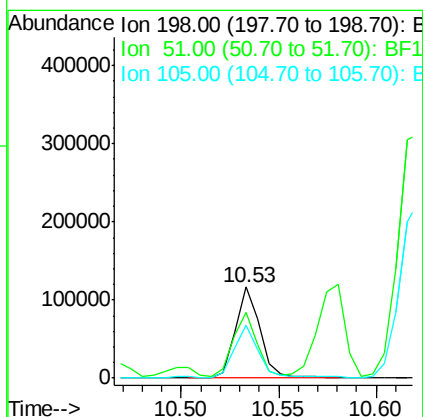
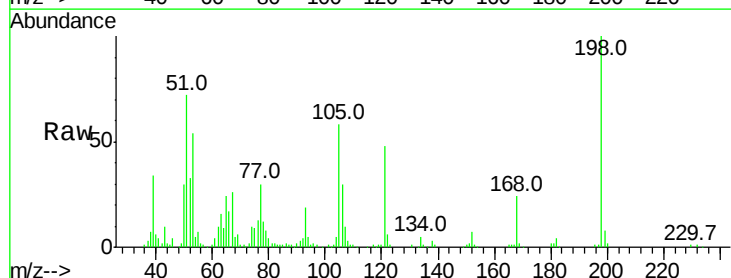
Instrument :
BNA_F
ClientSampleId :
PB106972BS

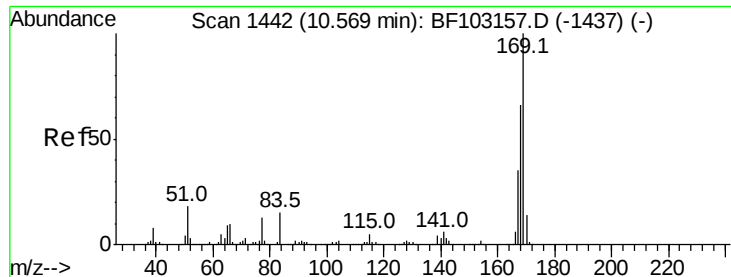
Tot Ion:188 Resp: 478332
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 13.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.471 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:198 Resp: 102293
Ion Ratio Lower Upper
198 100
51 71.9 37.7 77.7
105 57.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.791 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

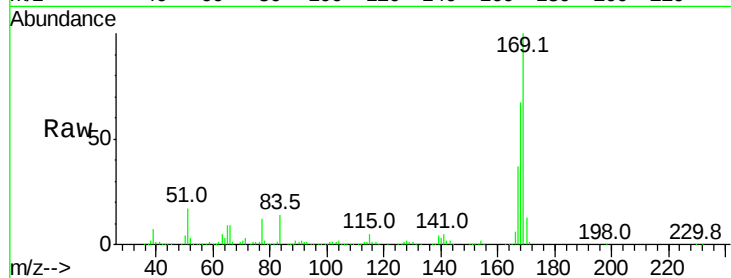
Tot Ion:169 Resp: 646050

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

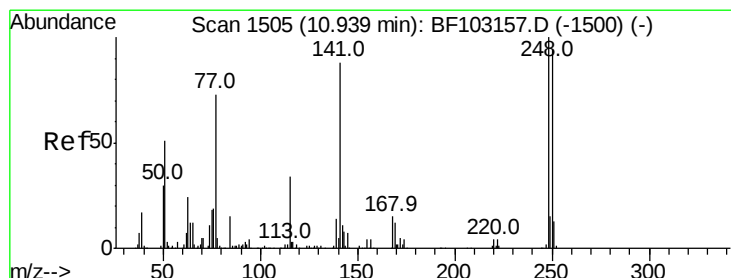
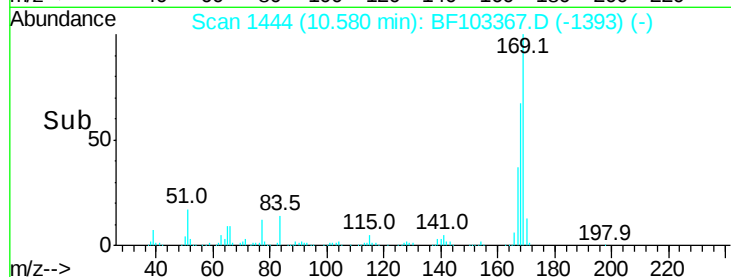
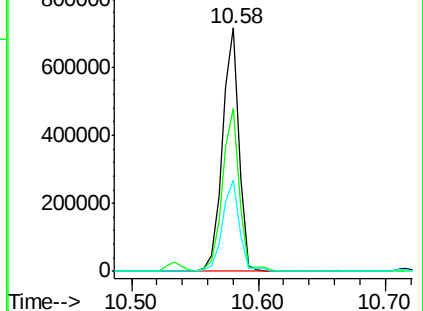
167 37.4 29.8 44.6



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: 37.757 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

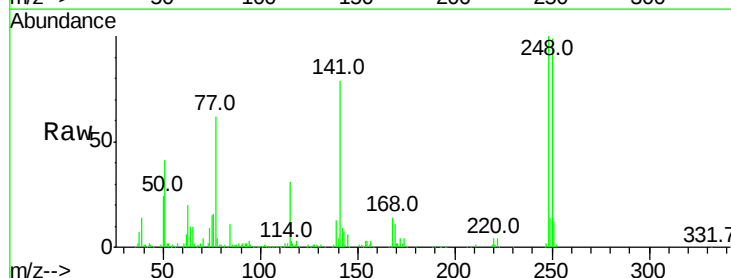
Tgt Ion:248 Resp: 188137

Ion Ratio Lower Upper

248 100

250 98.6 76.9 115.3

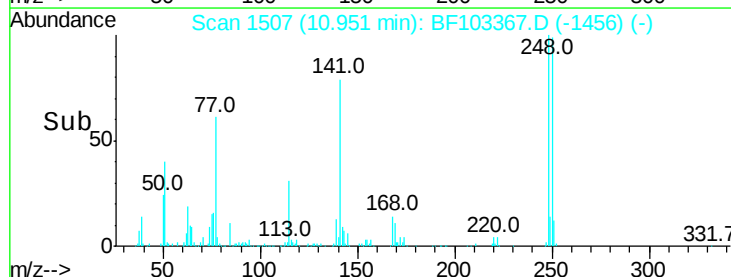
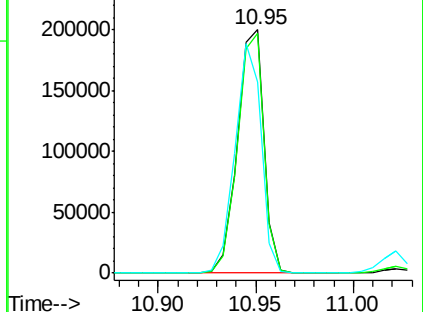
141 78.7 74.4 111.6

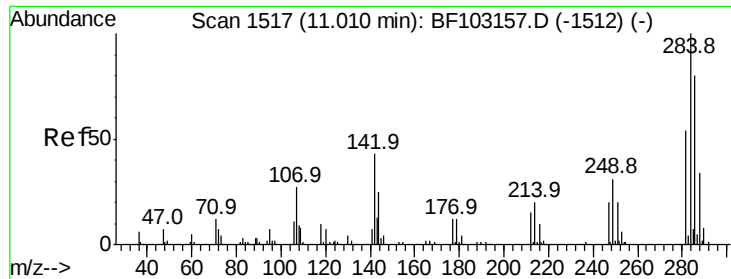


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

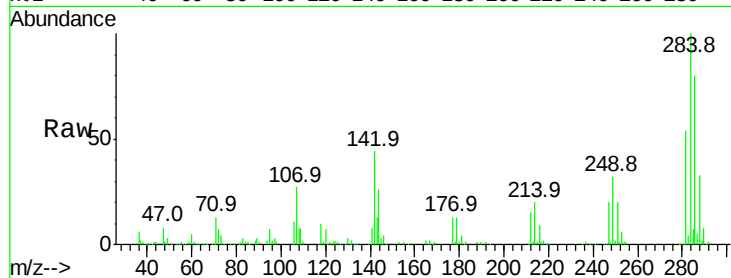




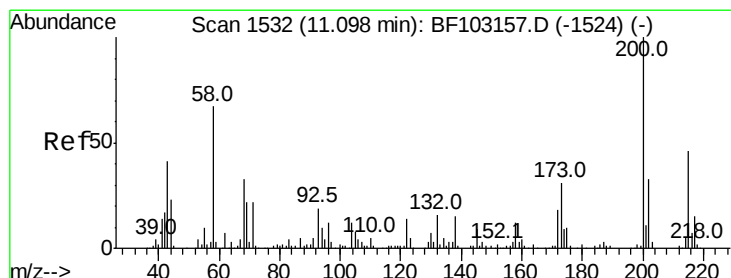
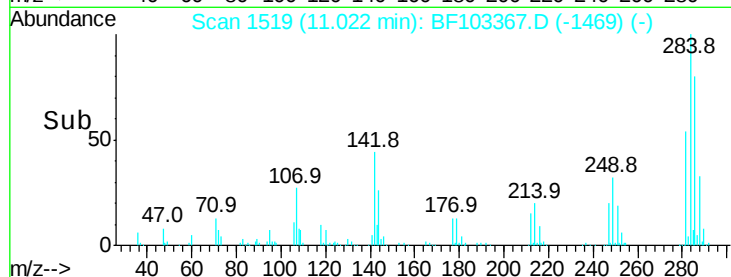
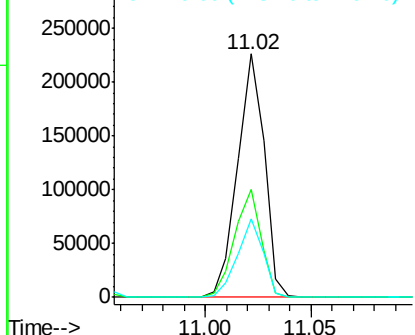
#67
Hexachlorobenzene
Concen: 36.556 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion:284 Resp: 197707
Ion Ratio Lower Upper
284 100
142 44.3 34.6 52.0
249 32.3 24.8 37.2

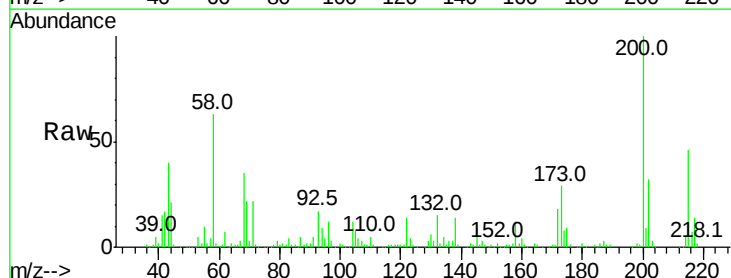


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

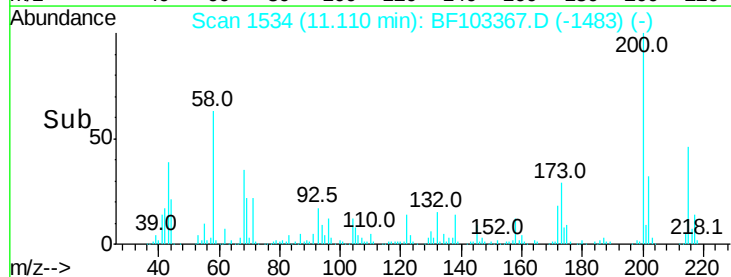
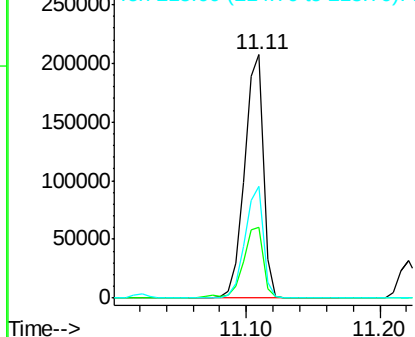


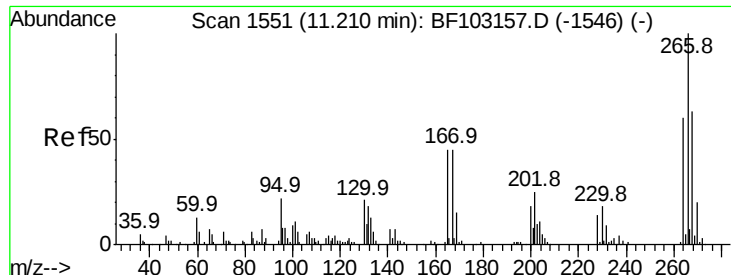
#68
Atrazine
Concen: 40.290 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:200 Resp: 201688
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.8 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

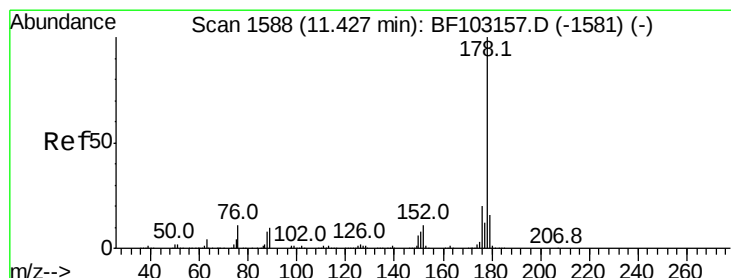
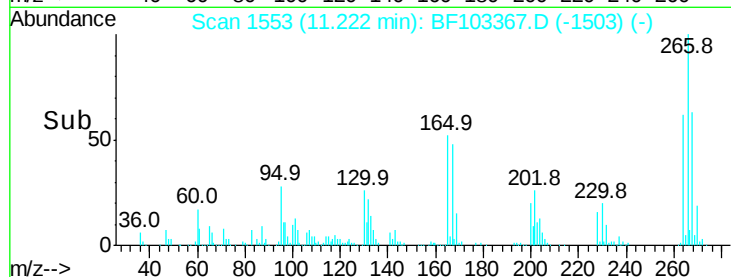
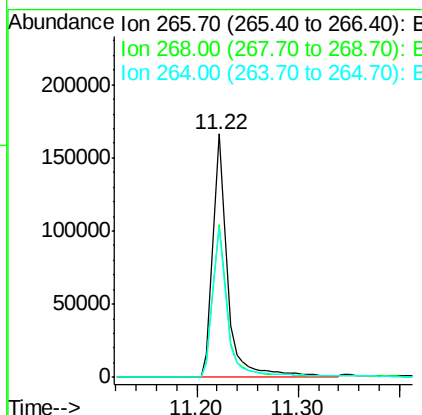
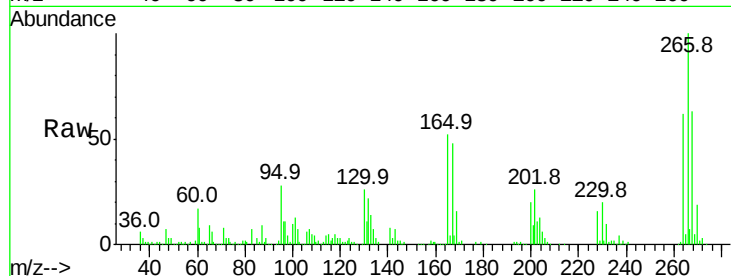




#69
 Pentachlorophenol
 Concen: 66.758 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

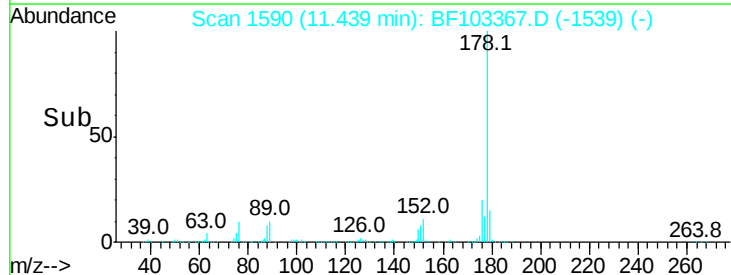
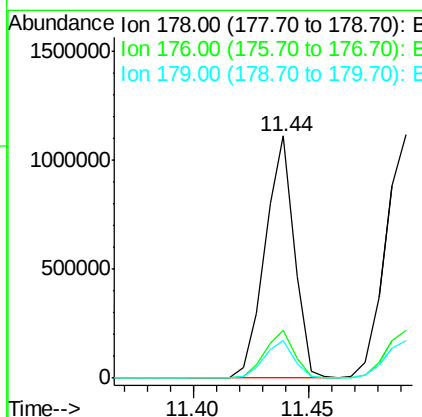
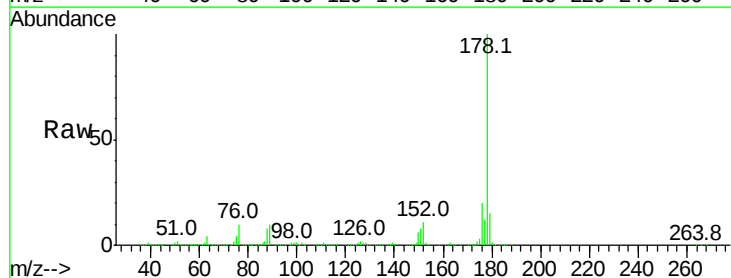
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

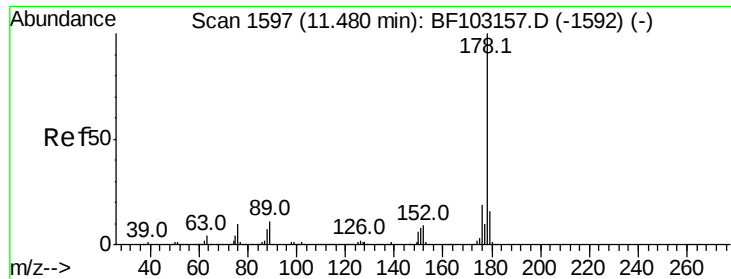
Tot Ion:266 Resp: 174573
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 61.6 49.5 74.3



#70
 Phenanthrene
 Concen: 37.204 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:178 Resp: 979360
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.5 13.0 19.6

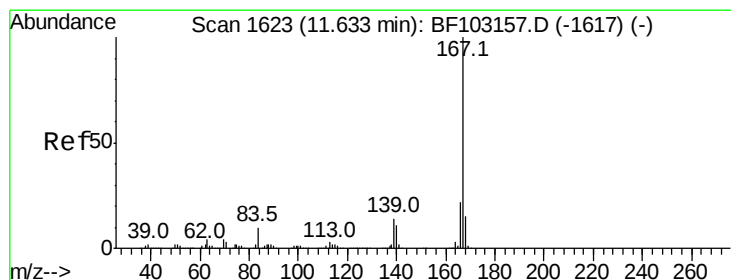
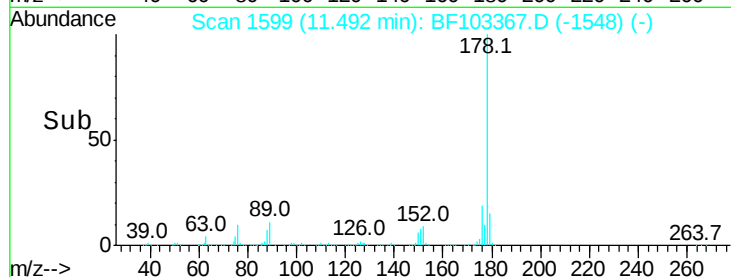
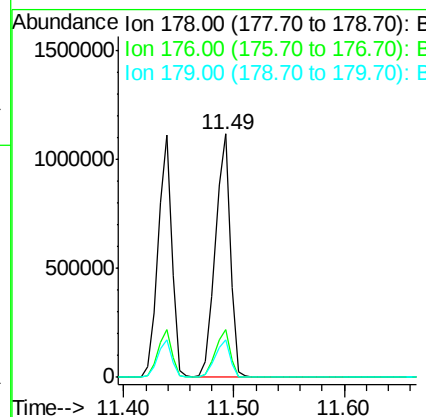
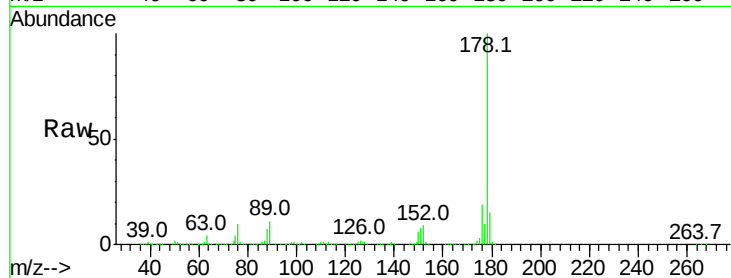




#71
 Anthracene
 Concen: 38.099 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

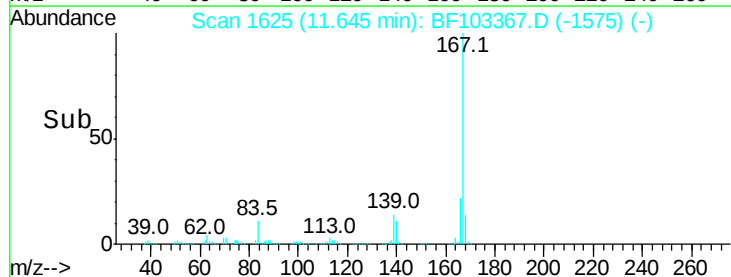
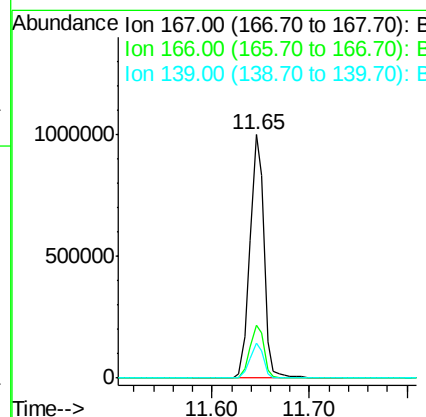
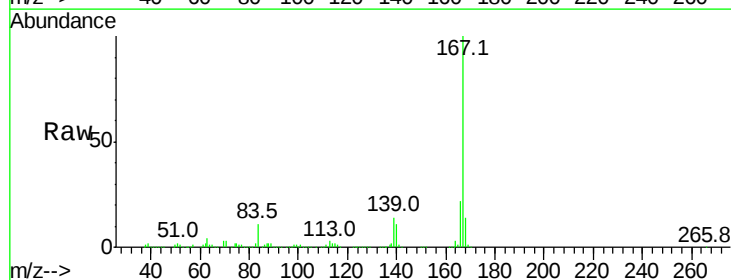
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

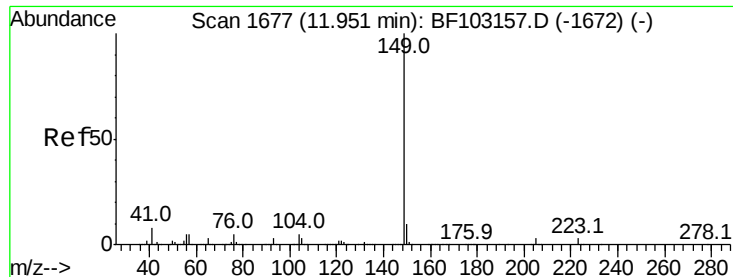
Tot Ion:178 Resp: 1028442
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 37.175 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:167 Resp: 999296
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.913 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

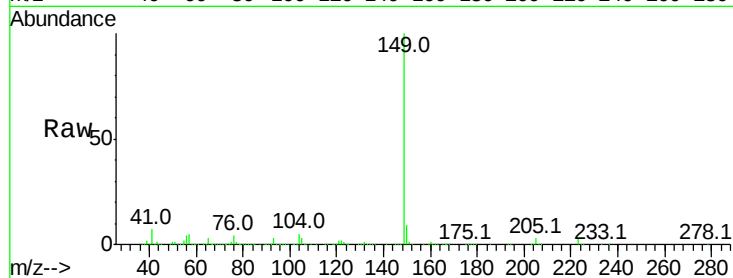
BNA_F

ClientSampleId :

PB106972BS

Tot Ion:149 Resp: 1275254

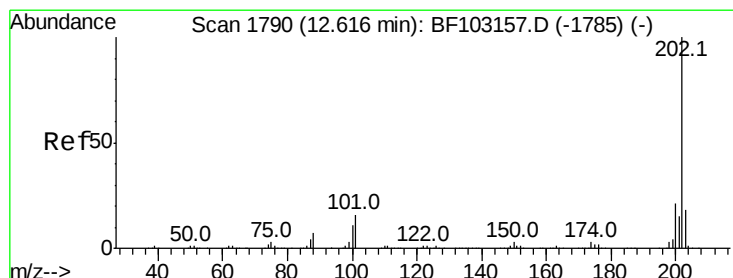
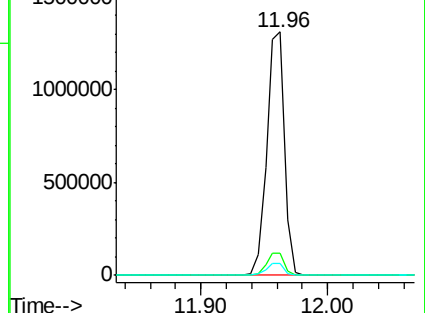
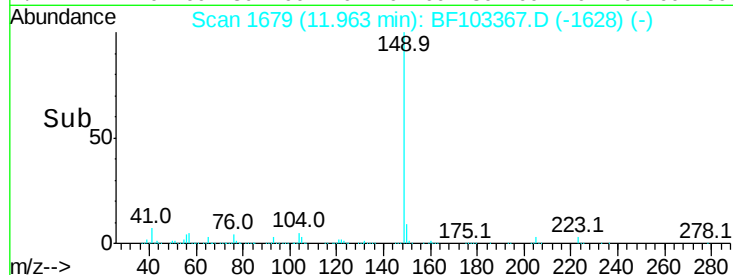
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.6	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.474 ng

RT: 12.63 min Scan# 1793

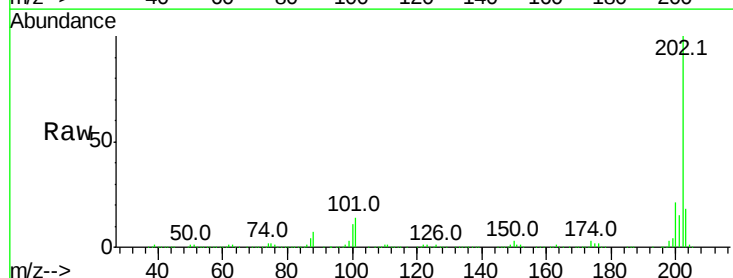
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:202 Resp: 1017739

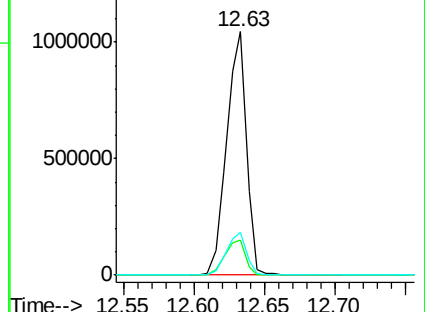
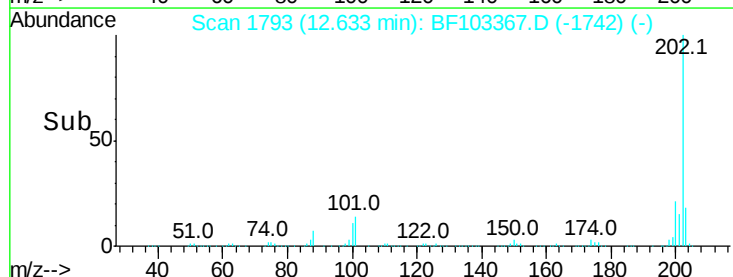
Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.6	0.0	38.1

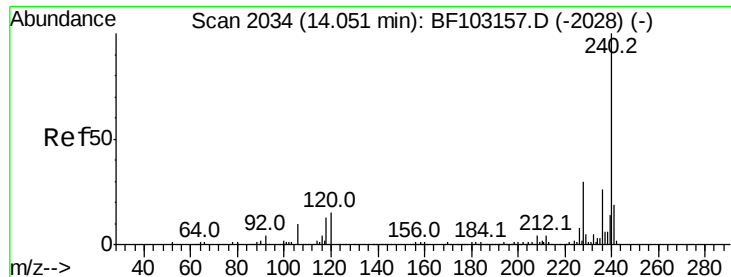


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampled :

PB106972BS

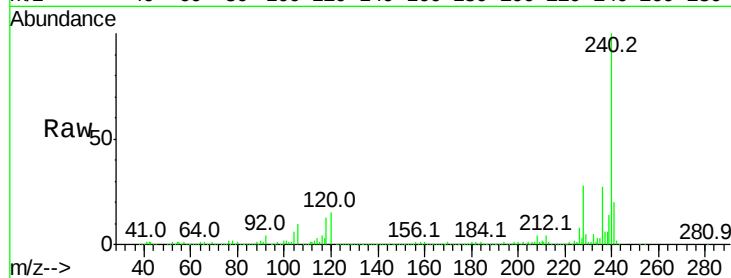
Tot Ion:240 Resp: 340202

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

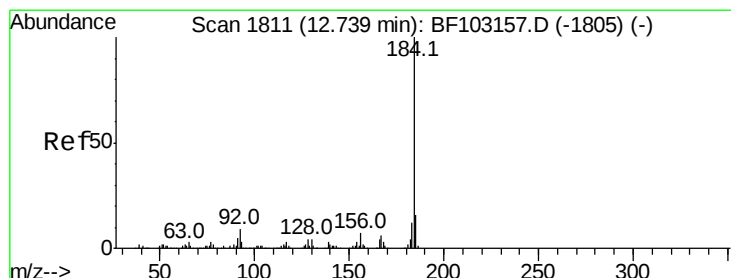
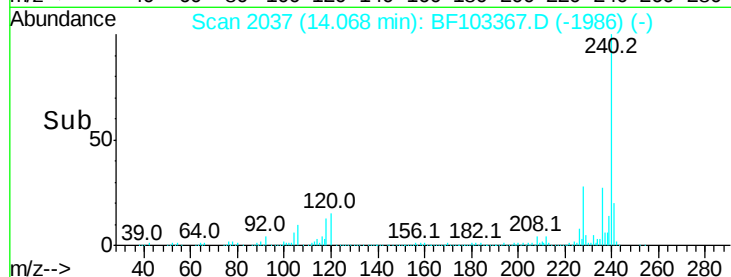
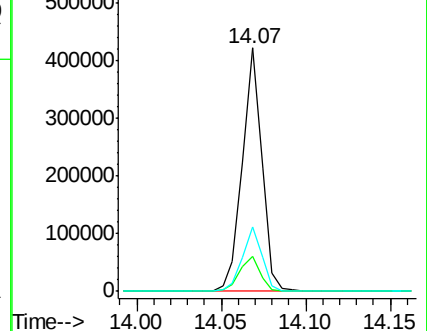
236 26.7 20.7 31.1



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: 25.747 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

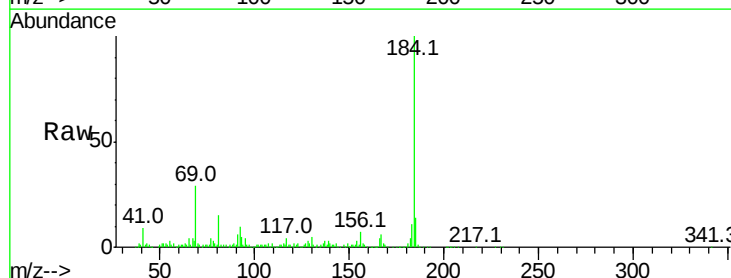
Tgt Ion:184 Resp: 327468

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

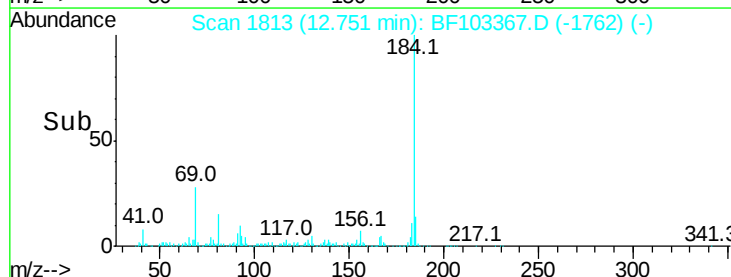
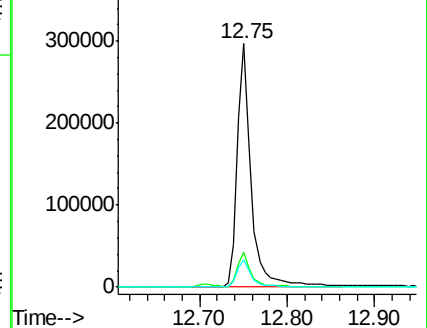
183 11.2 9.3 13.9

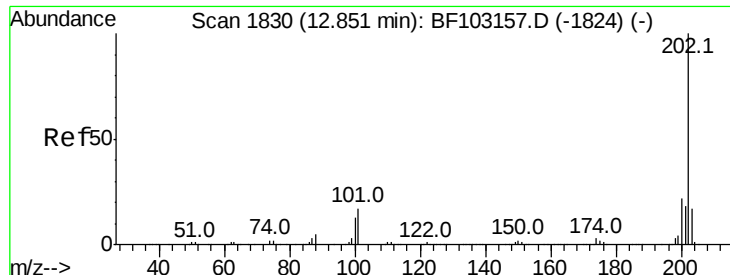


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

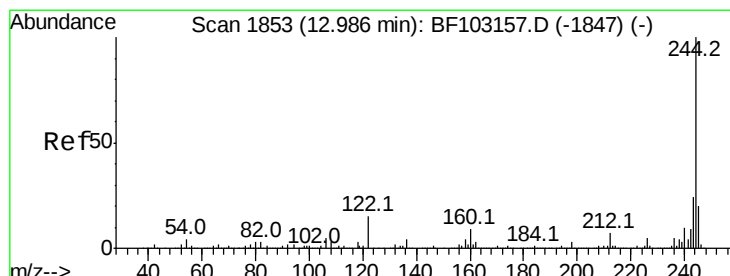
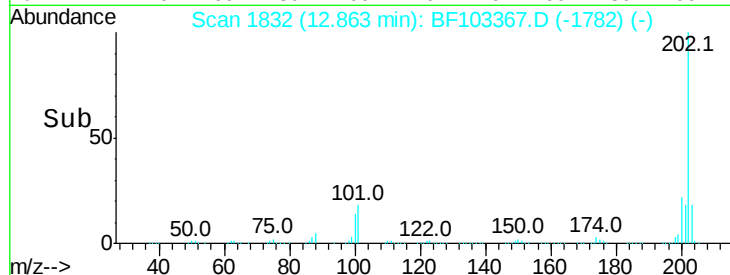
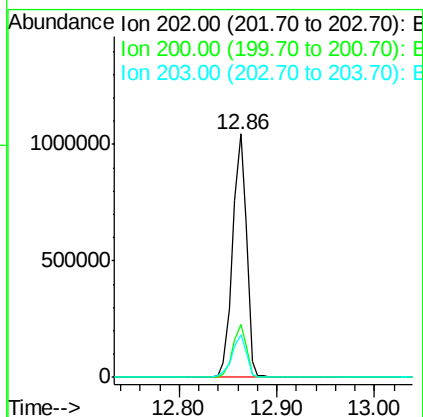
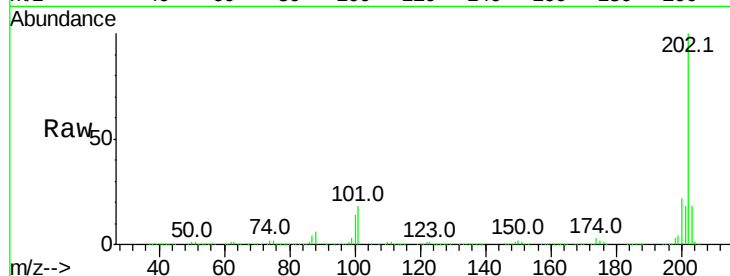




#77
Pvrene
Concen: 39.093 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

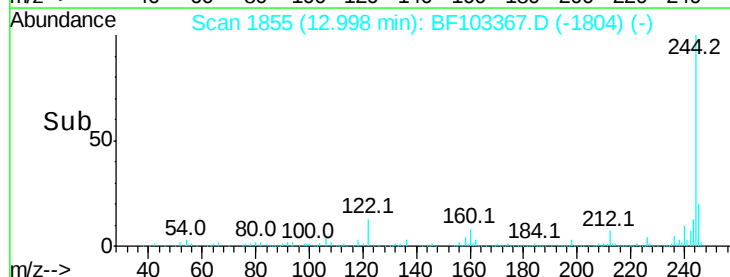
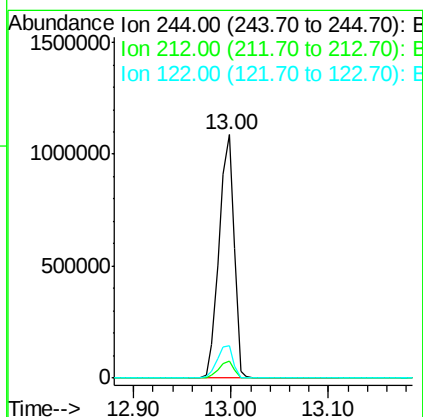
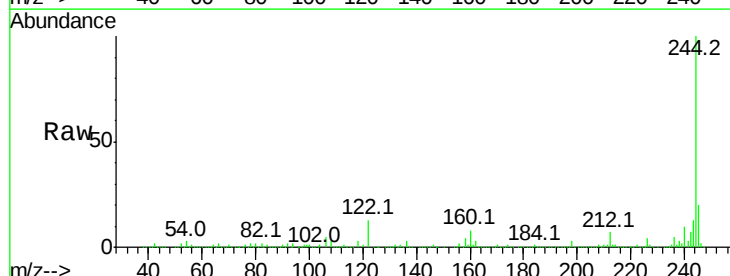
Instrument :
BNA_F
ClientSampleId :
PB106972BS

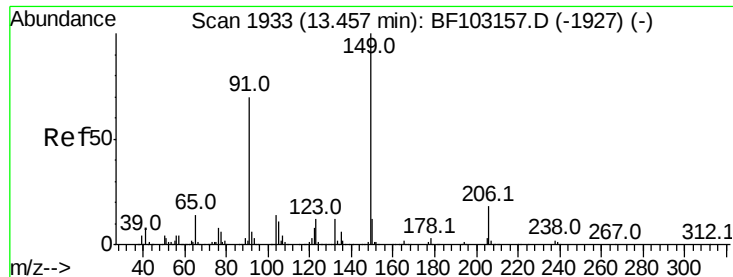
Tot Ion:202 Resp: 1036911
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 82.348 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:244 Resp: 1165406
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.3 11.0 16.4

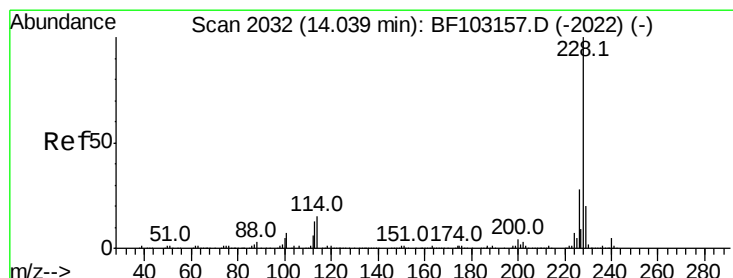
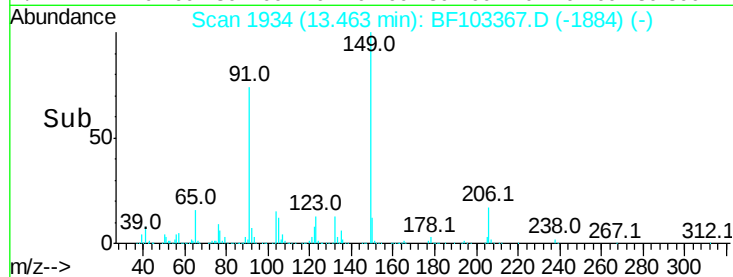
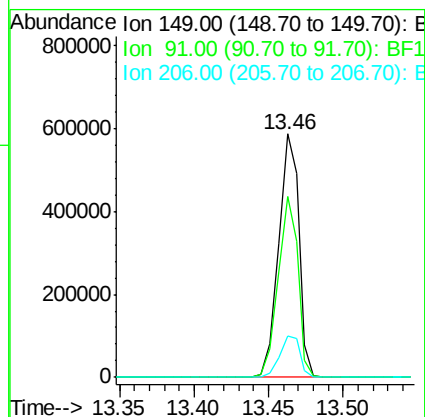
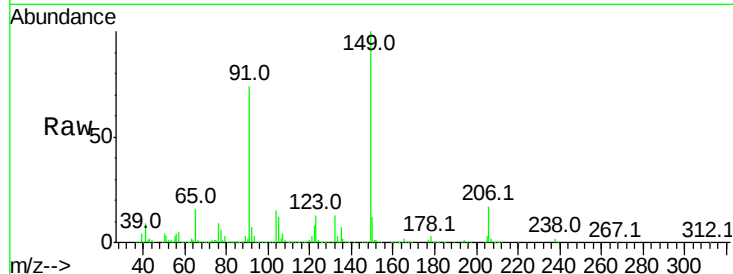




#79
Butylbenzylphthalate
Concen: 39.680 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

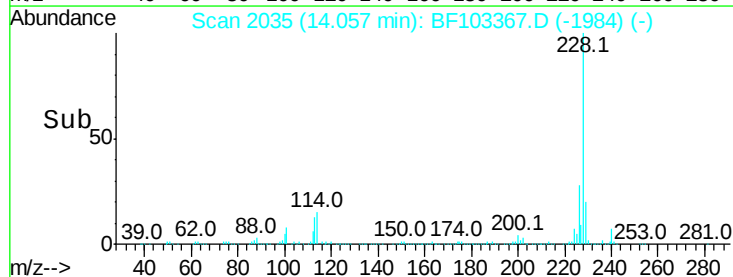
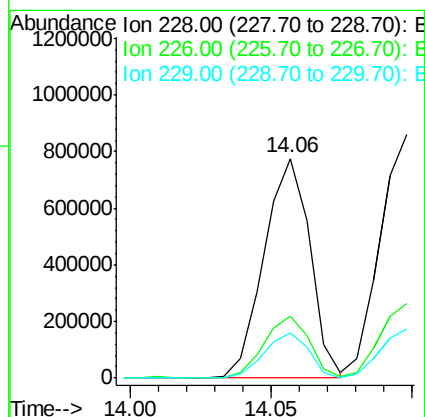
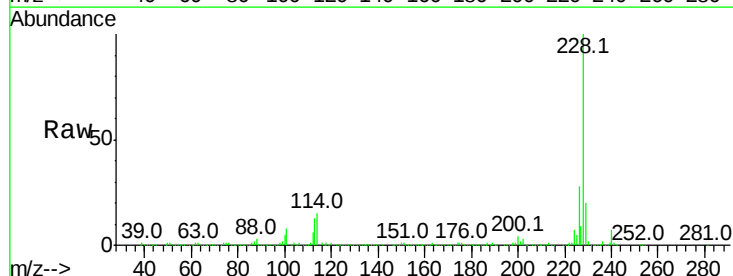
Instrument :
BNA_F
ClientSampleId :
PB106972BS

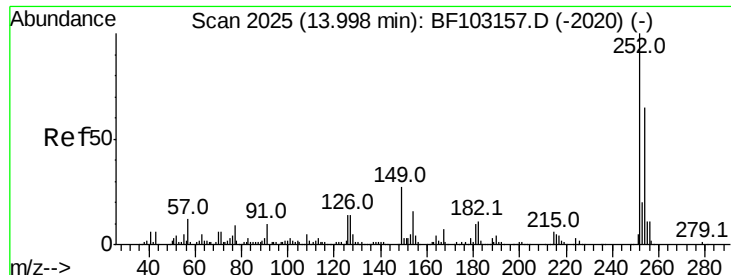
Tot Ion:149 Resp: 556067
Ion Ratio Lower Upper
149 100
91 74.1 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.687 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:228 Resp: 876028
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.5 15.8 23.6

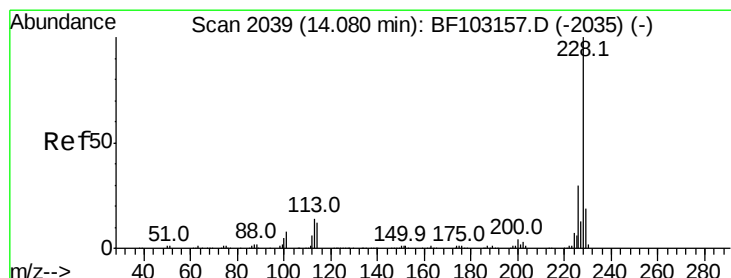
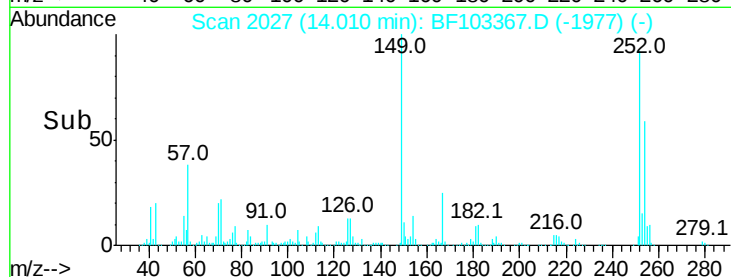
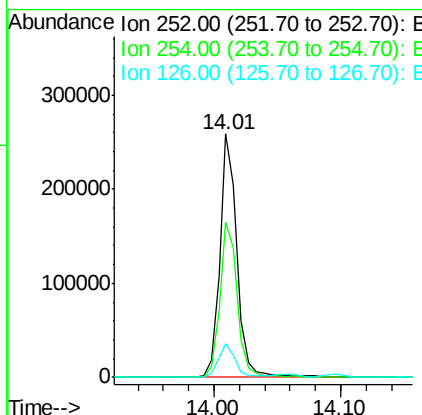
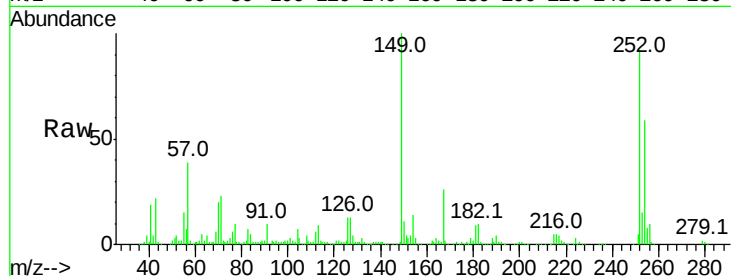




#81
 3,3'-Dichlorobenzidine
 Concen: 30.995 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

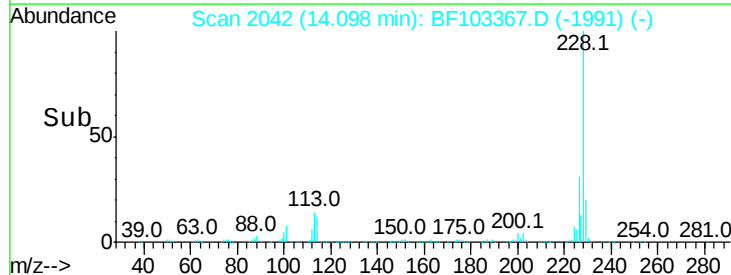
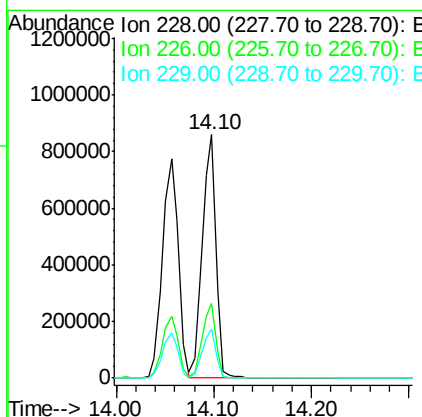
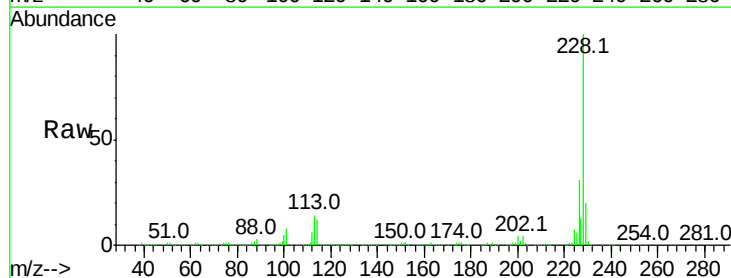
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

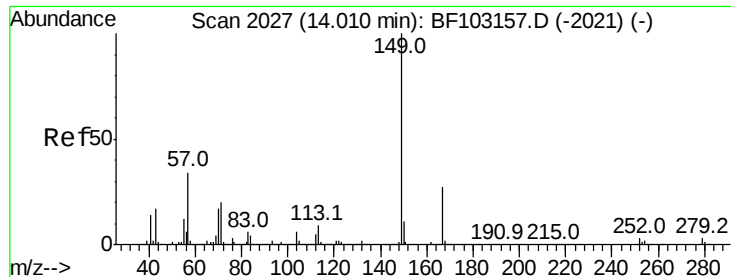
Tot Ion:252 Resp: 244169
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 14.1 11.3 16.9



#82
 Chrysene
 Concen: 38.721 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:228 Resp: 829911
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.0 16.2 24.4

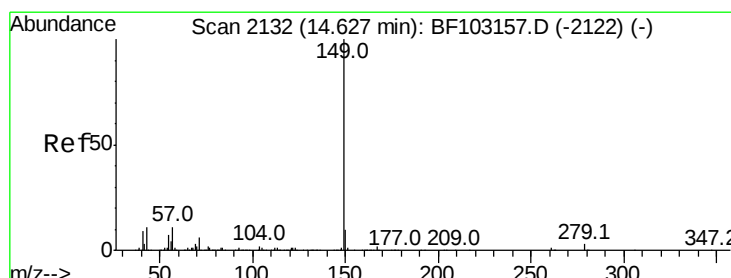
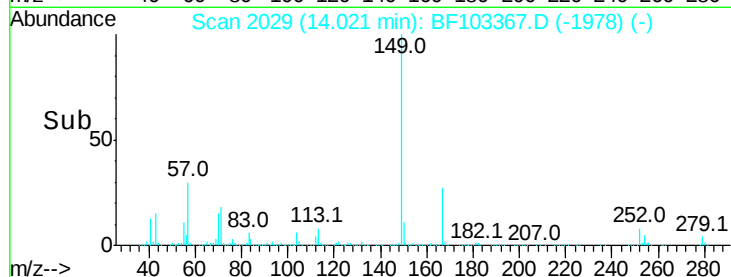
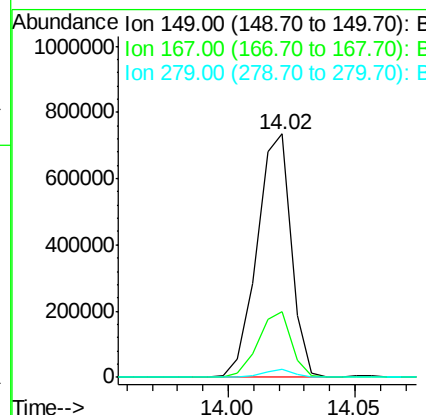
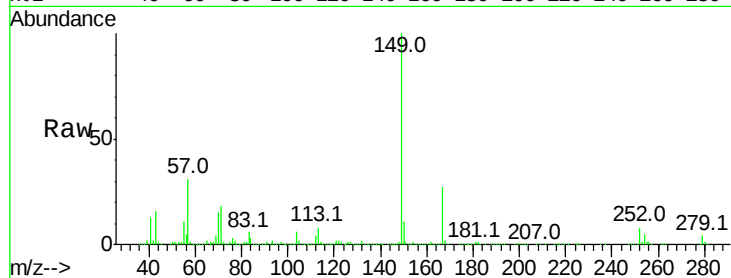




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.549 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

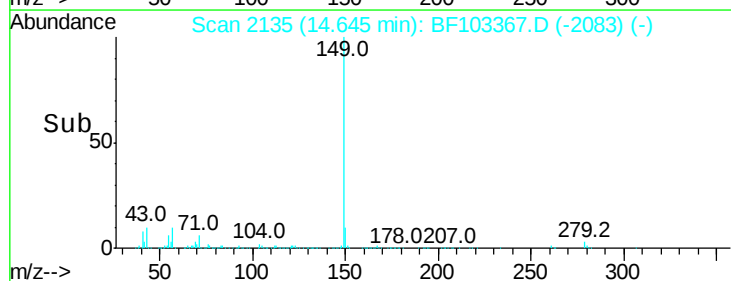
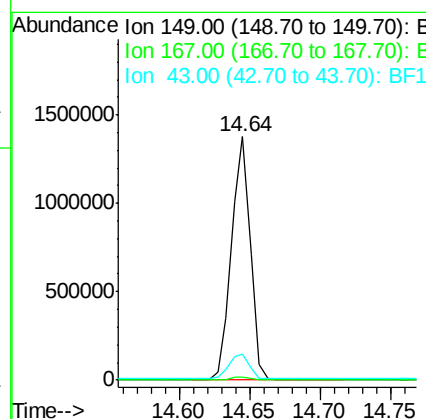
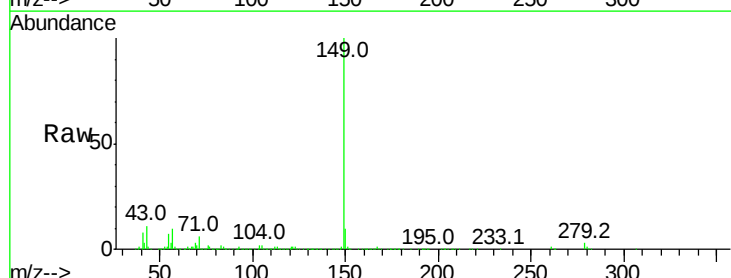
Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

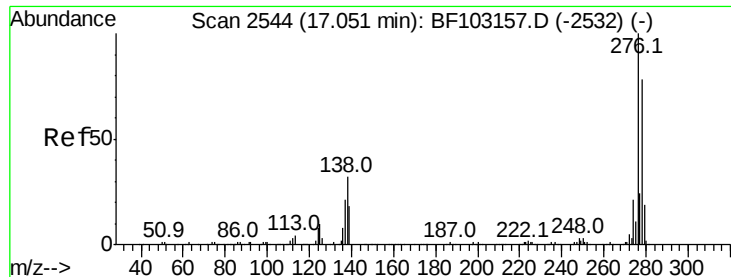
Tot Ion:149 Resp: 691185
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.630 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:149 Resp: 1271992
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.196 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

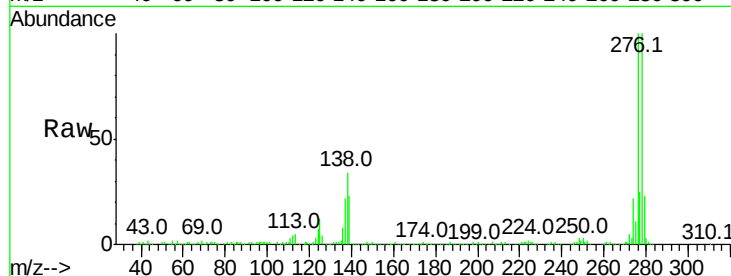
Tot Ion:276 Resp: 648099

Ion Ratio Lower Upper

276 100

138 32.4 25.0 37.6

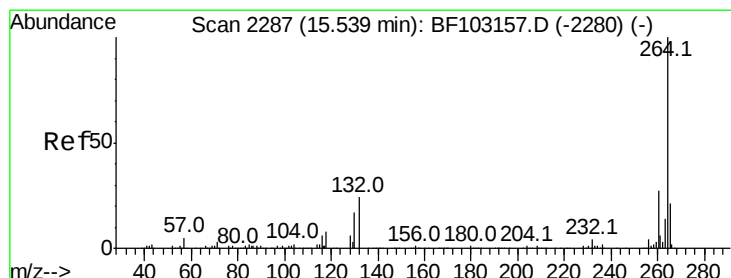
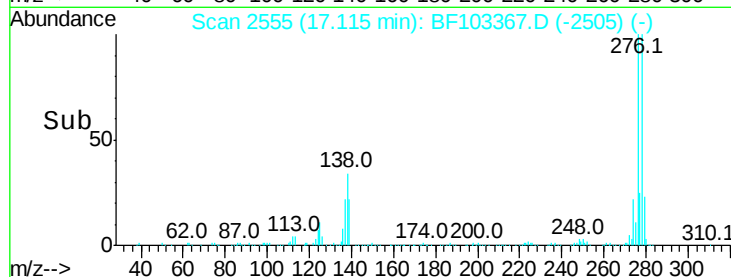
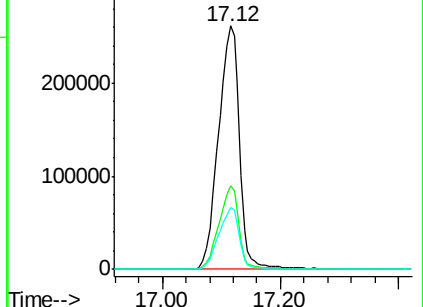
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

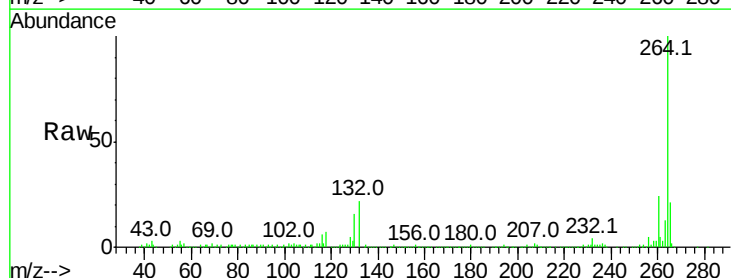
Tgt Ion:264 Resp: 307204

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

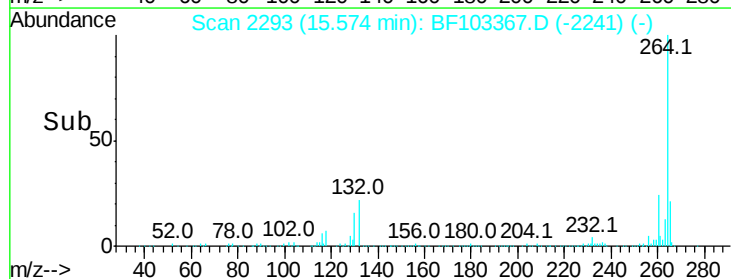
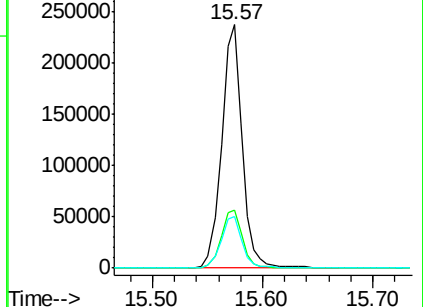
265 21.1 17.5 26.3

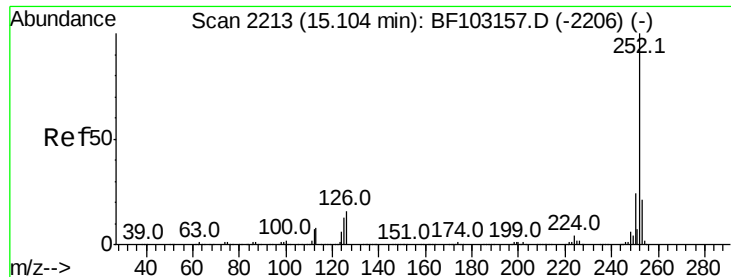


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

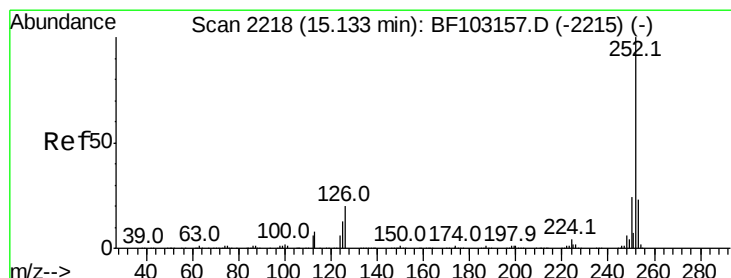
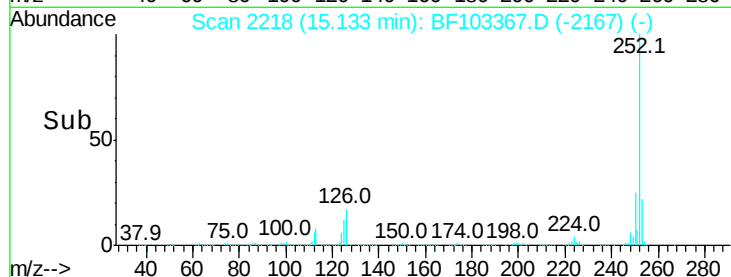
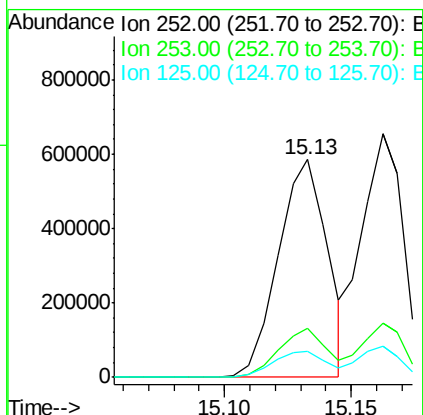
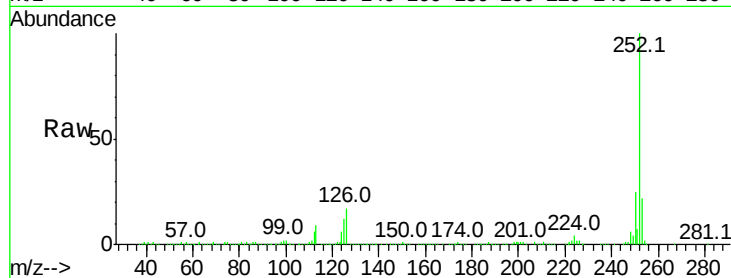




#87
Benzo(b)fluoranthene
Concen: 39.134 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

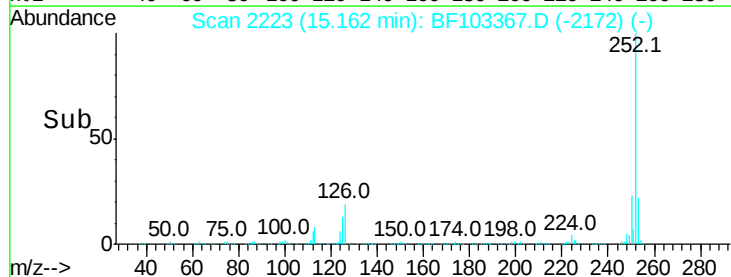
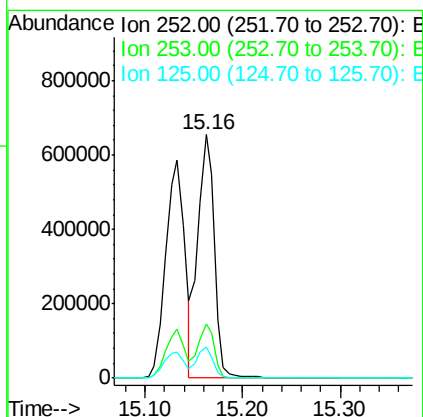
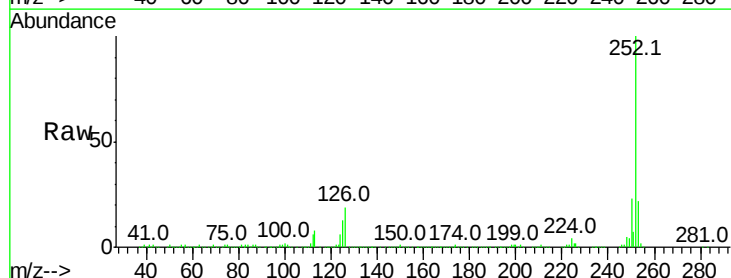
Instrument :
BNA_F
ClientSampleId :
PB106972BS

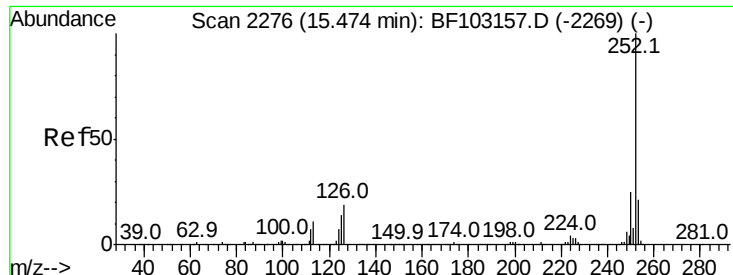
Tot Ion:252 Resp: 790439
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.268 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion:252 Resp: 765903
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.211 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

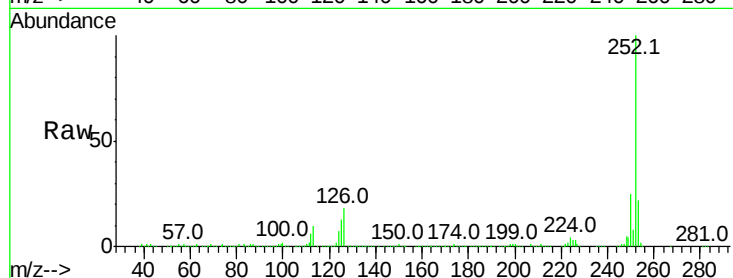
Tot Ion:252 Resp: 725289

Ion Ratio Lower Upper

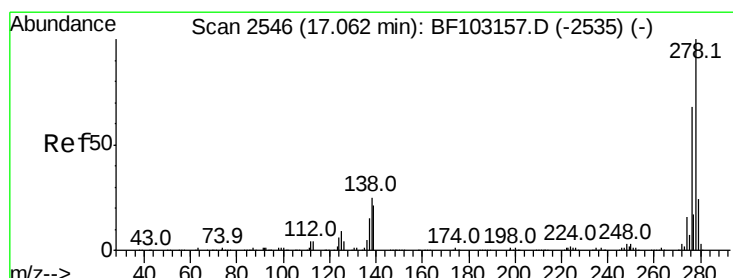
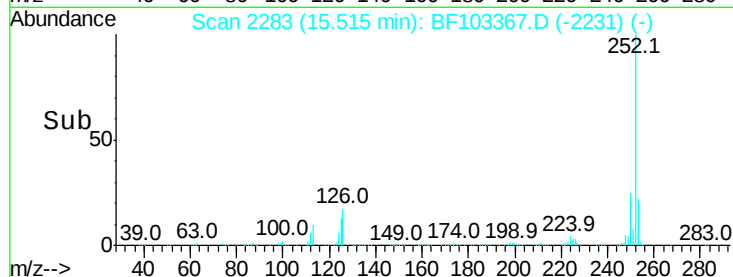
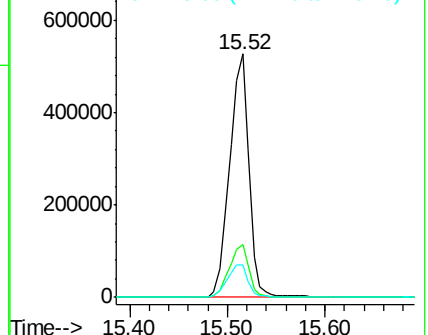
252 100

253 21.9 17.1 25.7

125 13.1 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: 38.019 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

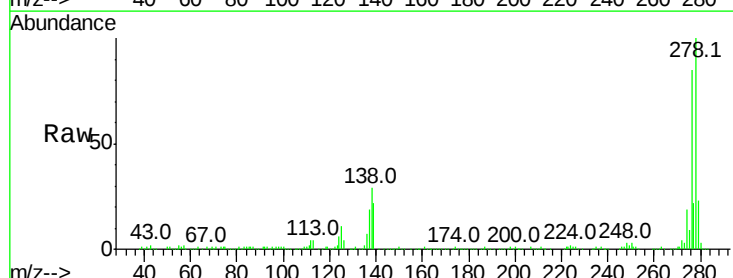
Tgt Ion:278 Resp: 529888

Ion Ratio Lower Upper

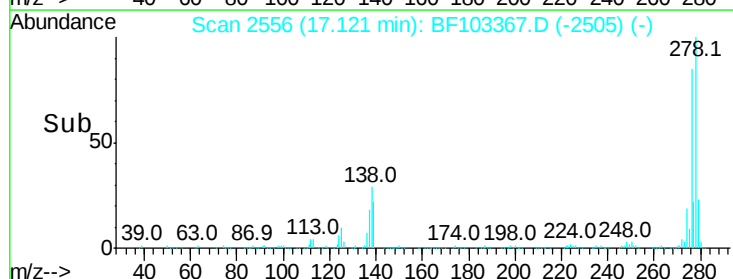
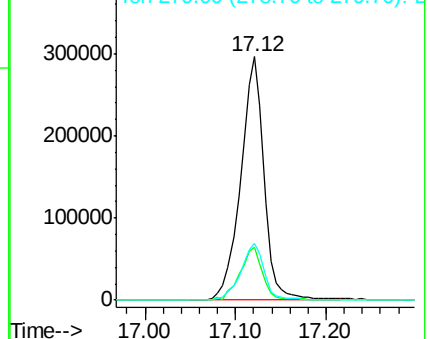
278 100

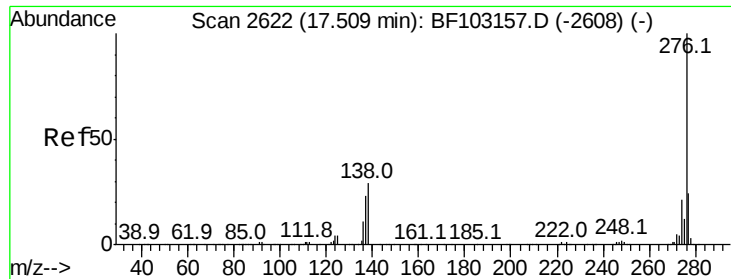
139 22.0 15.9 23.9

279 23.2 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

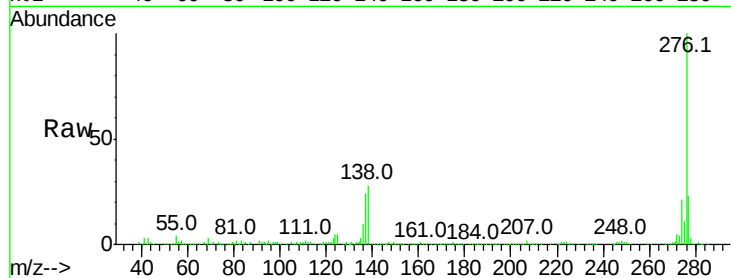




#91
 Benzo(a,h,i)perylene
 Concen: 40.061 ng
 RT: 17.58 min Scan# 2634
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	28.0	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

