

Data Path : Z:\HPCHEM1\BNA F\Data\BF030118\
 Data File : BF103325.D
 Acq On : 1 Mar 2018 10:09
 Operator : SJ/JU
 Sample : PB106938BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 12:37:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.875	152	125981	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	526579	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	242693	20.00	ng	0.00
63) Phenanthrene-d10	11.410	188	416029	20.00	ng	0.00
75) Chrysene-d12	14.062	240	246123	20.00	ng	0.00
86) Perylene-d12	15.562	264	201687	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1072253	128.73	ng	0.02
7) Phenol-d6	6.522	99	1309641	128.49	ng	0.01
23) Nitrobenzene-d5	7.439	82	777262	84.30	ng	0.00
41) 2,4,6-Tribromophenol	10.716	330	246439	119.96	ng	0.00
44) 2-Fluorobiphenyl	9.233	172	1137186	79.47	ng	0.00
78) Terphenyl-d14	12.992	244	1050516	102.60	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	213269	48.48	ng	93
3) Pyridine	3.516	79	577406	49.16	ng	97
4) n-Nitrosodimethylamine	3.457	42	295345	62.35	ng	85
6) Aniline	6.539	93	430142	29.24	ng	# 80
8) 2-Chlorophenol	6.669	128	406364	46.96	ng	97
9) Benzaldehyde	6.428	77	195636	29.21	ng	97
10) Phenol	6.534	94	522776	44.18	ng	81
11) bis(2-Chloroethyl)ether	6.610	93	436954	48.66	ng	94
12) 1,3-Dichlorobenzene	6.816	146	437542	44.25	ng	98
13) 1,4-Dichlorobenzene	6.892	146	437948	44.17	ng	99
14) 1,2-Dichlorobenzene	7.045	146	401756	43.95	ng	99
15) Benzyl Alcohol	7.022	79	364644	47.48	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	676874	43.89	ng	86
17) 2-Methylphenol	7.133	107	350143	44.53	ng	# 93
18) Hexachloroethane	7.381	117	168307	46.63	ng	91
19) n-Nitroso-di-n-propyla...	7.286	70	291816	46.00	ng	93
20) 3+4-Methylphenols	7.286	107	415566	43.35	ng	# 61
22) Acetophenone	7.286	105	547595	44.55	ng	# 88
24) Nitrobenzene	7.463	77	487822	48.05	ng	98
25) Isophorone	7.698	82	884991	48.73	ng	96
26) 2-Nitrophenol	7.775	139	232960	48.74	ng	90
27) 2,4-Dimethylphenol	7.810	122	384006	52.57	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	536791	50.27	ng	99
29) 2,4-Dichlorophenol	8.022	162	346169	49.50	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	331476	44.51	ng	98
31) Naphthalene	8.180	128	1164765	45.18	ng	100
32) Benzoic acid	7.957	122	286904	52.23	ng	95
33) 4-Chloroaniline	8.233	127	231043	20.77	ng	98
34) Hexachlorobutadiene	8.286	225	167512	43.19	ng	98
35) Caprolactam	8.616	113	91934	37.40	ng	# 82
36) 4-Chloro-3-methylphenol	8.722	107	390507	49.50	ng	97
37) 2-Methylnaphthalene	8.875	142	767508	46.07	ng	99
39) 1,2,4,5-Tetrachloroben...	9.039	216	282639	42.60	ng	# 97
40) Hexachlorocyclopentadiene	9.022	237	188105	80.39	ng	98

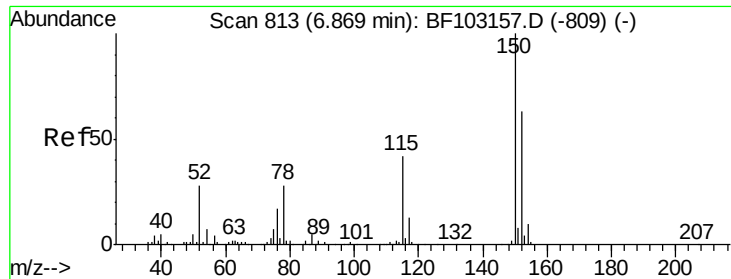
Data Path : Z:\HPCHEM1\BNA F\Data\BF030118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.157	196	210419	47.13	nq	99
43) 2,4,5-Trichlorophenol	9.204	196	223622	43.55	nq	98
45) 1,1'-Biphenyl	9.333	154	863579	42.46	nq	99
46) 2-Chloronaphthalene	9.363	162	684380	42.54	nq	100
47) 2-Nitroaniline	9.463	65	291508	48.91	nq	# 83
48) Acenaphthylene	9.780	152	1064049	42.98	nq	100
49) Dimethylphthalate	9.633	163	839583	43.12	nq	100
50) 2,6-Dinitrotoluene	9.704	165	181387	44.40	nq	# 79
51) Acenaphthene	9.951	154	608408	42.15	nq	98
52) 3-Nitroaniline	9.874	138	154211	29.75	nq	92
53) 2,4-Dinitrophenol	9.992	184	138854	92.39	nq	# 17
54) Dibenzofuran	10.122	168	883905	44.61	nq	93
55) 4-Nitrophenol	10.051	139	246600	76.76	nq	# 84
56) 2,4-Dinitrotoluene	10.116	165	226648	43.86	nq	# 82
57) Fluorene	10.469	166	705090	41.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.204	232	141138	40.92	nq	97
59) Diethylphthalate	10.333	149	816596	43.85	nq	99
60) 4-Chlorophenyl-phenyle...	10.457	204	315735	44.11	nq	97
61) 4-Nitroaniline	10.498	138	207515	40.08	nq	98
62) Azobenzene	10.616	77	894425	47.19	nq	94
64) 4,6-Dinitro-2-methylph...	10.527	198	103136	41.49	nq	86
65) n-Nitrosodiphenylamine	10.574	169	621512	42.91	nq	99
66) 4-Bromophenyl-phenylether	10.945	248	187724	43.32	nq	96
67) Hexachlorobenzene	11.021	284	197462	41.98	nq	94
68) Atrazine	11.104	200	197761	45.42	nq	98
69) Pentachlorophenol	11.221	266	177085	77.86	nq	99
70) Phenanthrene	11.433	178	986645	43.09	nq	99
71) Anthracene	11.486	178	1029827	43.86	nq	99
72) Carbazole	11.645	167	963356	41.20	nq	99
73) Di-n-butylphthalate	11.957	149	1273747	43.54	nq	99
74) Fluoranthene	12.627	202	995529	43.27	nq	99
76) Benzidine	12.745	184	167323	18.18	nq	98
77) Pyrene	12.857	202	918912	47.89	nq	100
79) Butylbenzylphthalate	13.462	149	515691	50.86	nq	99
80) Benzo(a)anthracene	14.051	228	746030	46.72	nq	99
81) 3,3'-Dichlorobenzidine	14.004	252	173491	30.44	nq	98
82) Chrysene	14.086	228	689296	44.45	nq	99
83) Bis(2-ethylhexyl)phtha...	14.015	149	622789	45.52	nq	# 99
84) Di-n-octyl phthalate	14.639	149	943036	42.66	nq	96
85) Indeno(1,2,3-cd)pyrene	17.098	276	640687	52.19	nq	98
87) Benzo(b)fluoranthene	15.121	252	597218	45.04	nq	96
88) Benzo(k)fluoranthene	15.151	252	513746	41.14	nq	99
89) Benzo(a)pyrene	15.504	252	552039	46.62	nq	99
90) Dibenzo(a,h)anthracene	17.109	278	531864	58.12	nq	99
91) Benzo(g,h,i)perylene	17.562	276	565599	63.24	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.875 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

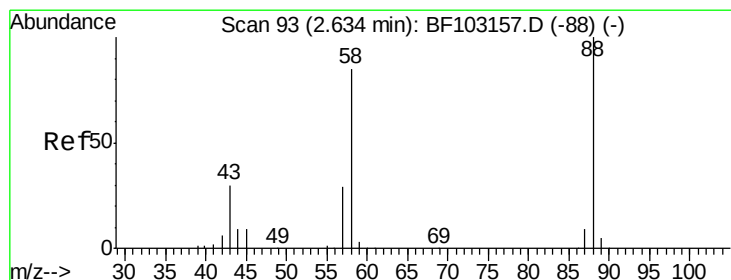
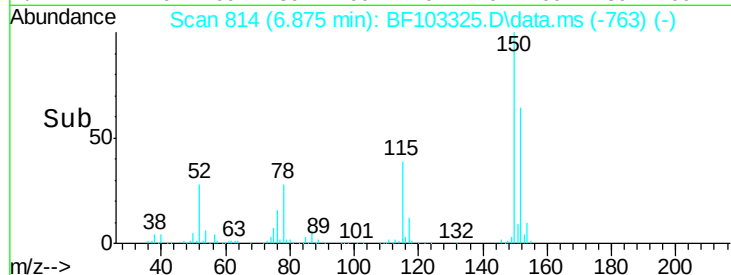
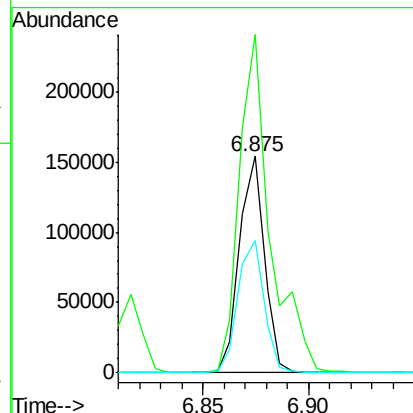
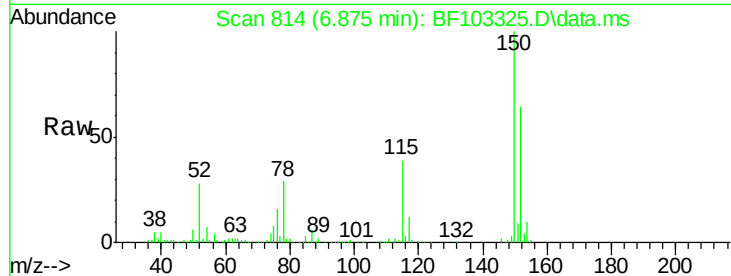
Tot Ion:152 Resp: 125981

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

115 61.0 50.1 75.1



#2

1,4-Dioxane

Concen: 48.48 ng

RT: 2.722 min Scan# 108

Delta R.T. 0.088 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

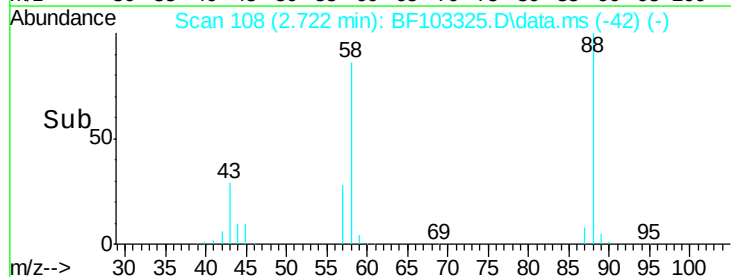
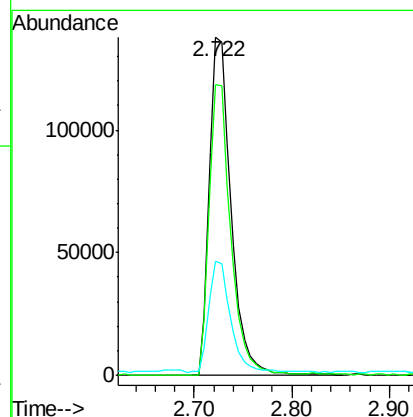
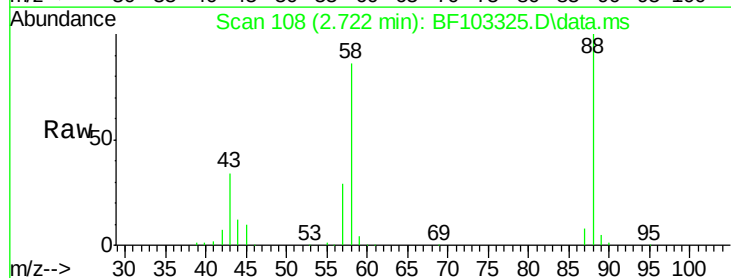
Tgt Ion: 88 Resp: 213269

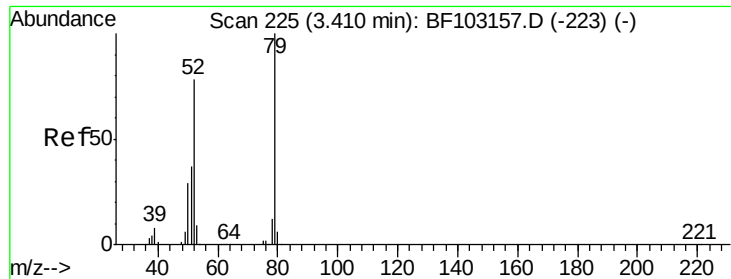
Ion Ratio Lower Upper

88 100

58 85.6 62.6 93.8

43 32.7 24.6 37.0

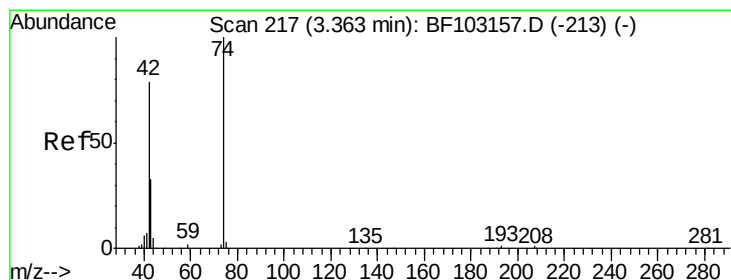
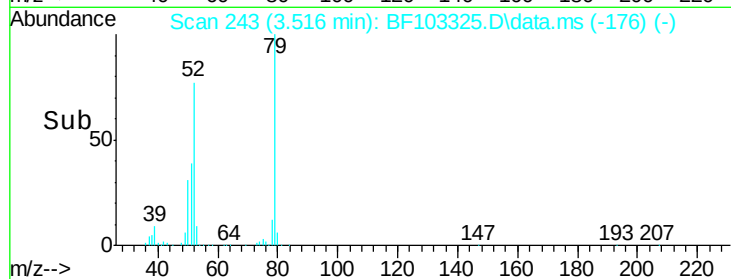
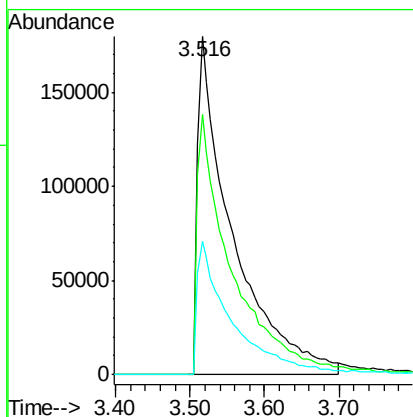
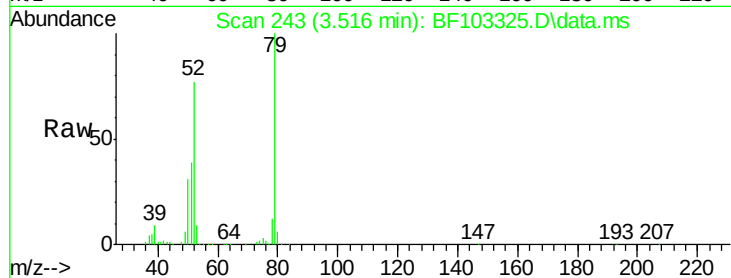




#3
 Pvridine
 Concen: 49.16 ng
 RT: 3.516 min Scan# 24
 Delta R.T. 0.094 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

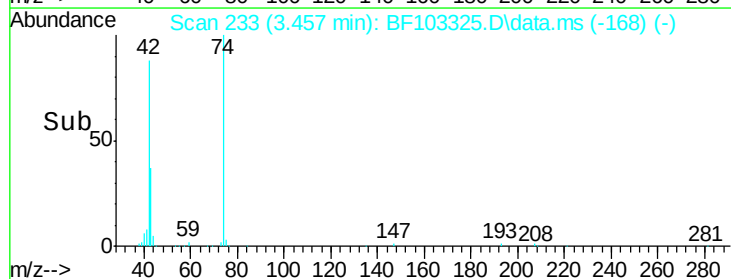
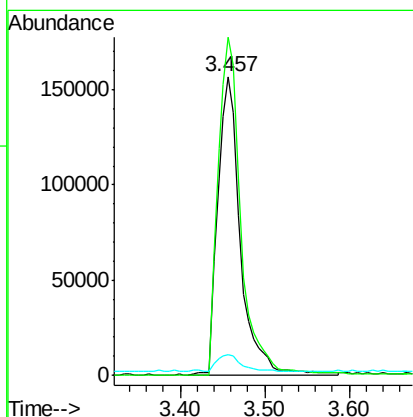
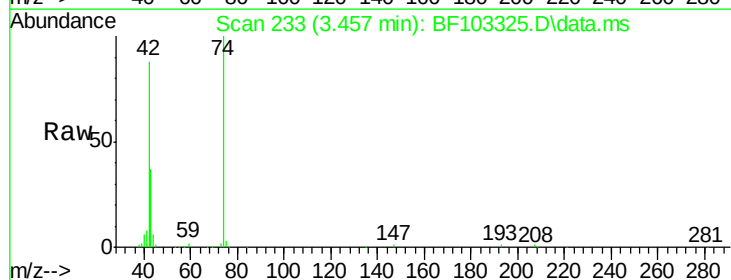
Instrument :
 BNA_F
 ClientSampleId :

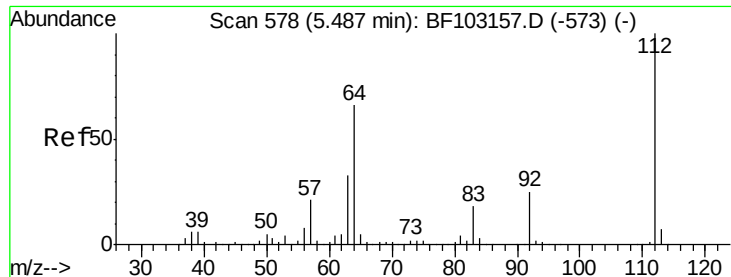
Tot Ion: 79 Resp: 577406
 Ion Ratio Lower Upper
 79 100
 52 76.9 59.8 89.6
 51 39.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 62.35 ng
 RT: 3.457 min Scan# 233
 Delta R.T. 0.082 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion: 42 Resp: 295345
 Ion Ratio Lower Upper
 42 100
 74 113.1 104.9 157.3
 44 7.0 6.9 10.3

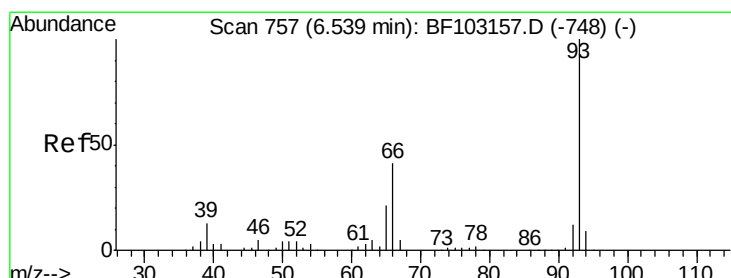
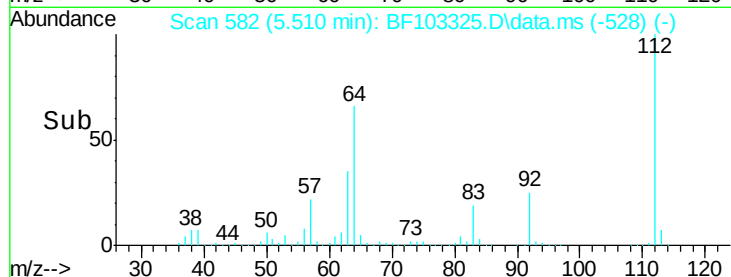
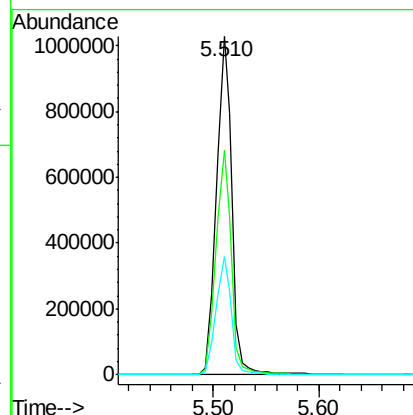
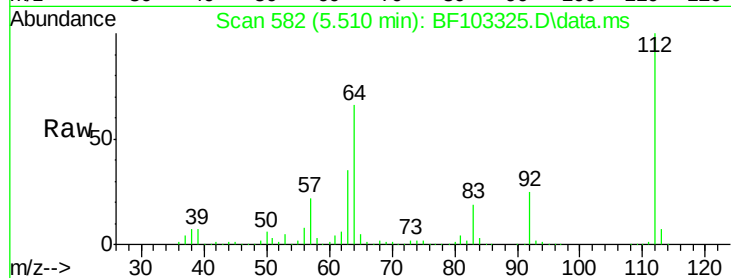




#5
2-Fluorophenol
Concen: 128.73 ng
RT: 5.510 min Scan# 58
Delta R.T. 0.018 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

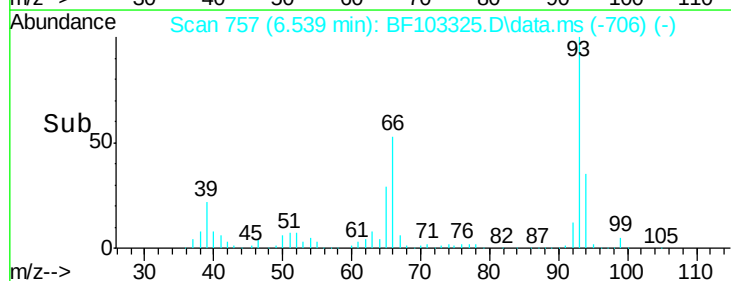
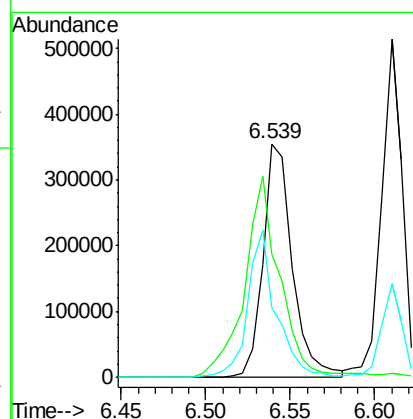
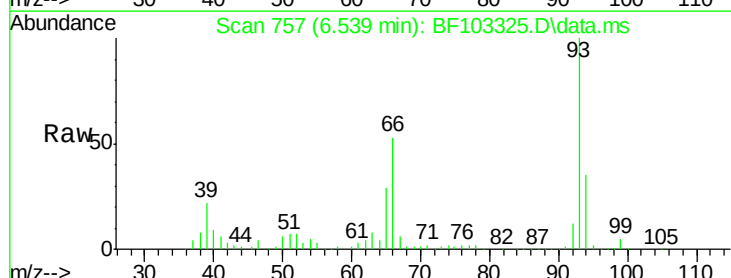
Instrument :
BNA_F
ClientSampled :

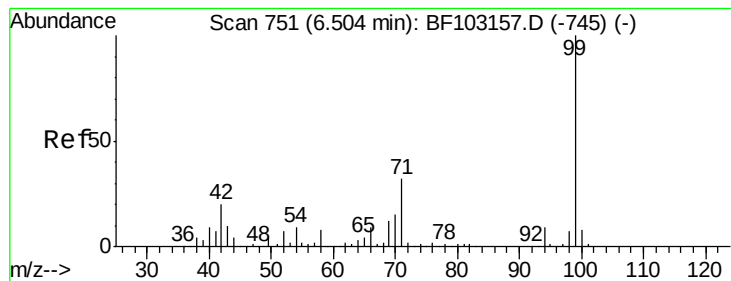
Tot Ion:112 Resp: 1072253
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 34.8 23.7 35.5



#6
Aniline
Concen: 29.24 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion: 93 Resp: 430142
Ion Ratio Lower Upper
93 100
66 52.9 32.2 48.2#
65 29.4 16.4 24.6#





#7

Phenol-d6

Concen: 128.49 ng

RT: 6.522 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

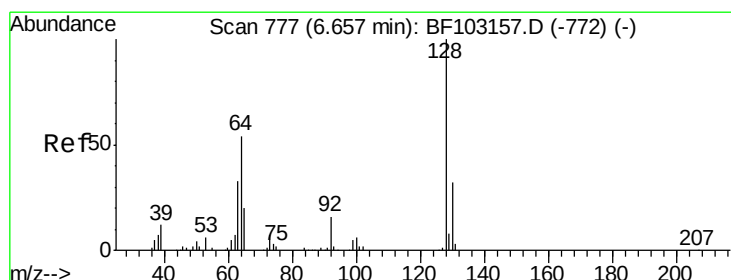
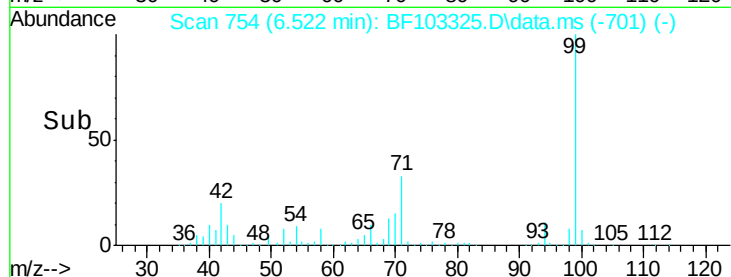
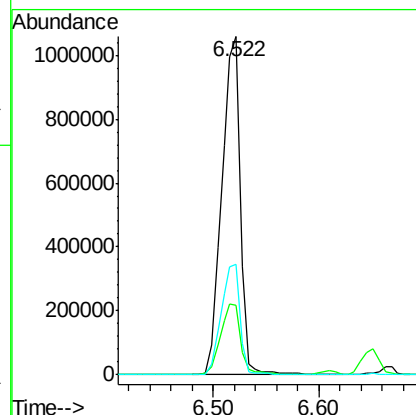
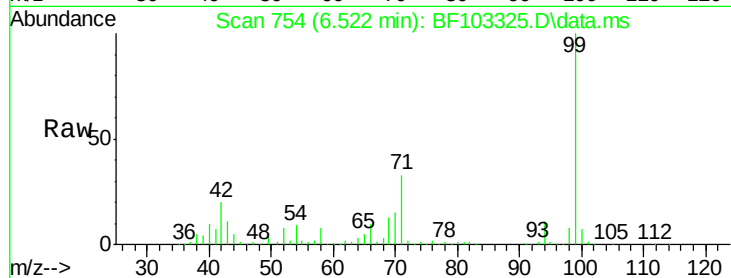
Tot Ion: 99 Resp: 1309641

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 32.8 25.4 38.0



#8

2-Chlorophenol

Concen: 46.96 ng

RT: 6.669 min Scan# 779

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

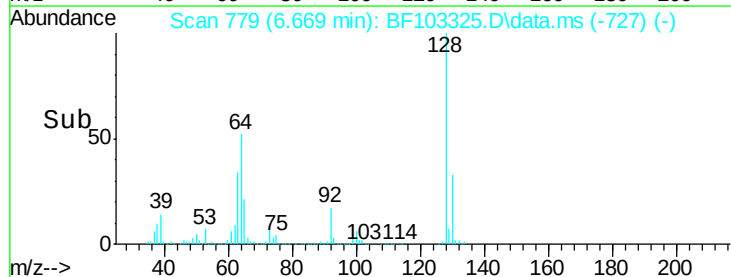
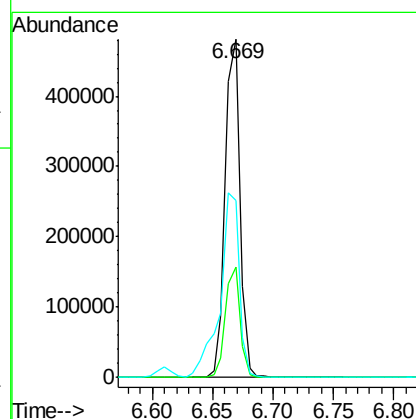
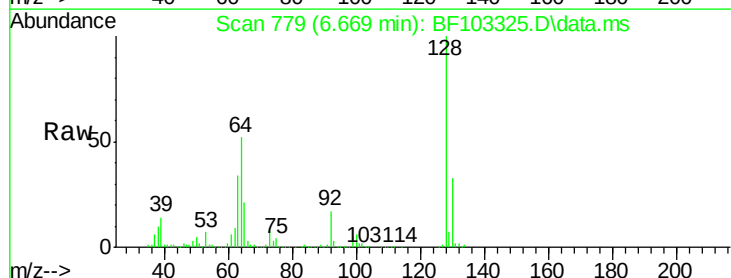
Tgt Ion: 128 Resp: 406364

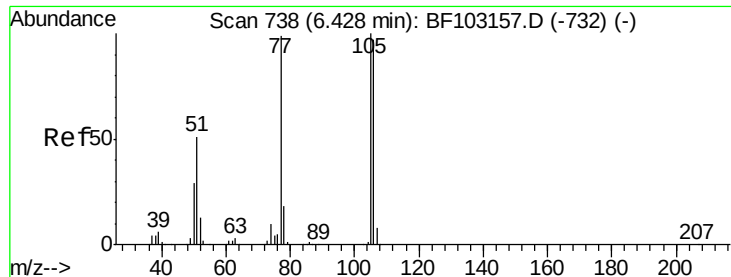
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 52.3 29.4 69.4





#9

Benzaldehyde

Concen: 29.21 ng

RT: 6.428 min Scan# 738

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

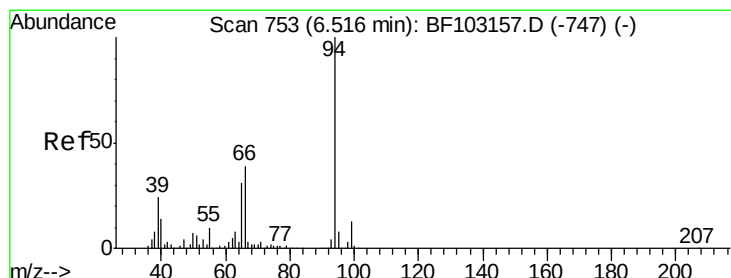
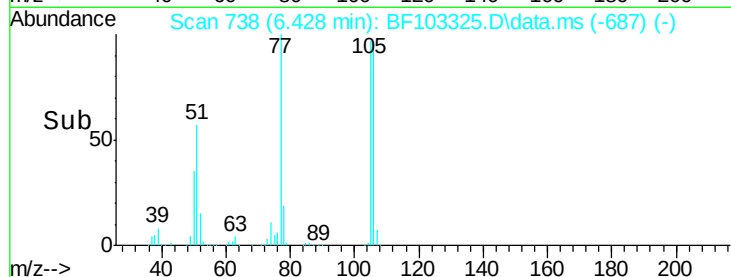
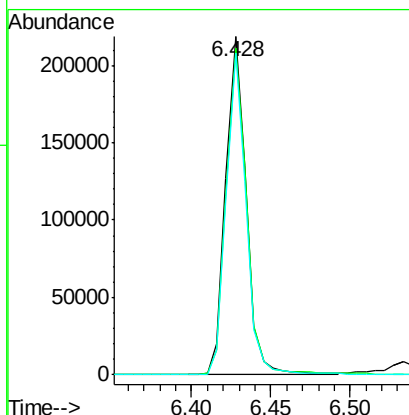
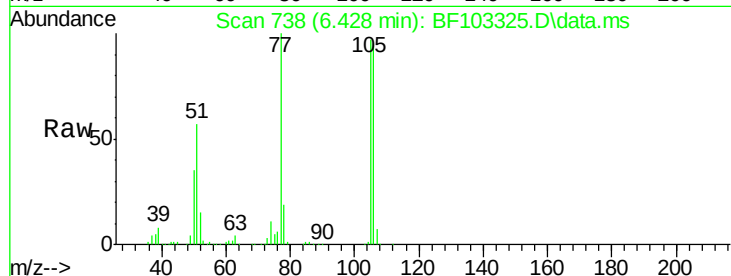
Tot Ion: 77 Resp: 195636

Ion Ratio Lower Upper

77 100

105 96.6 81.1 121.1

106 94.9 74.5 114.5



#10

Phenol

Concen: 44.18 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.012 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

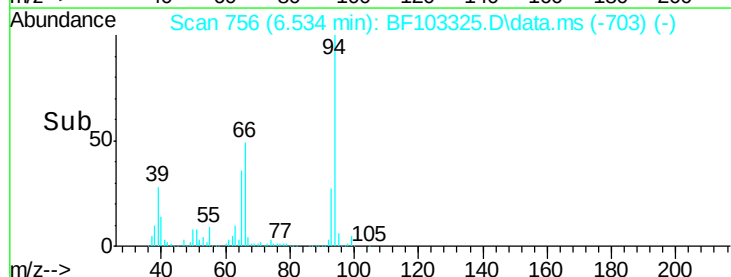
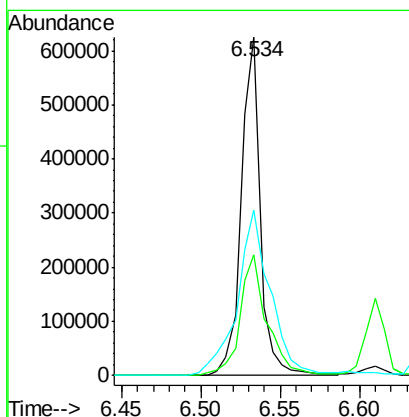
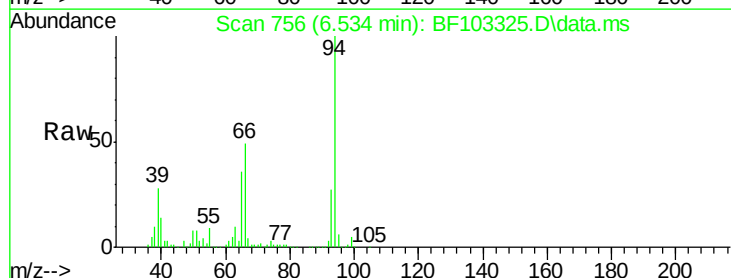
Tgt Ion: 94 Resp: 522776

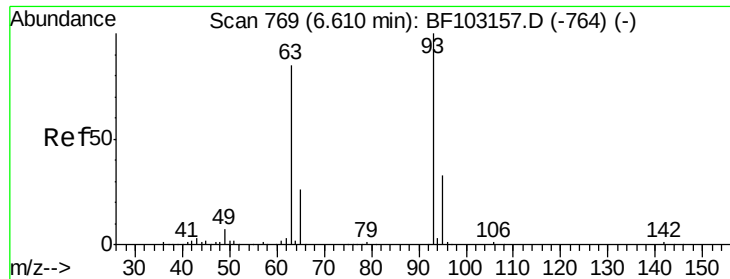
Ion Ratio Lower Upper

94 100

65 35.7 7.9 47.9

66 48.9 16.2 56.2

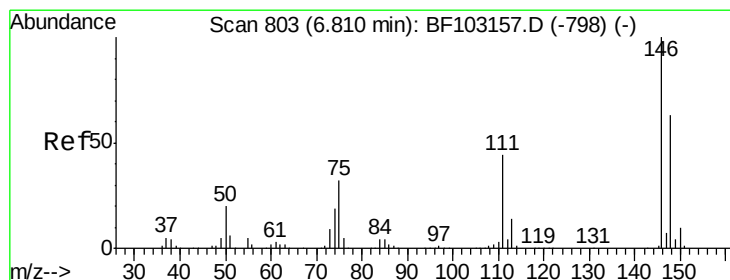
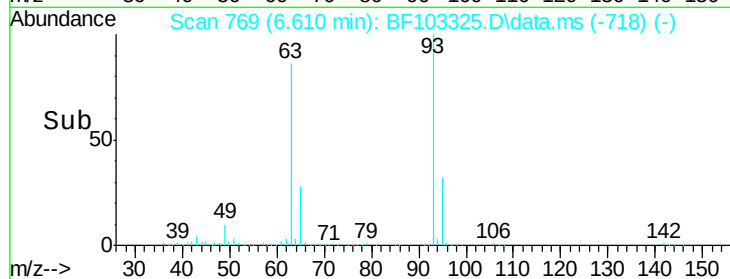
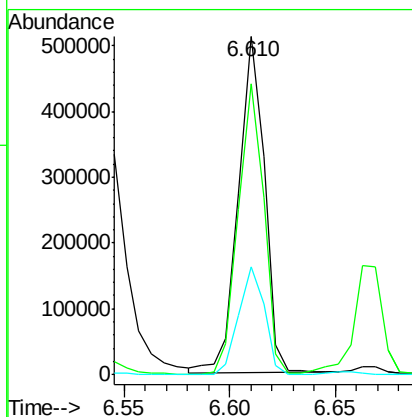
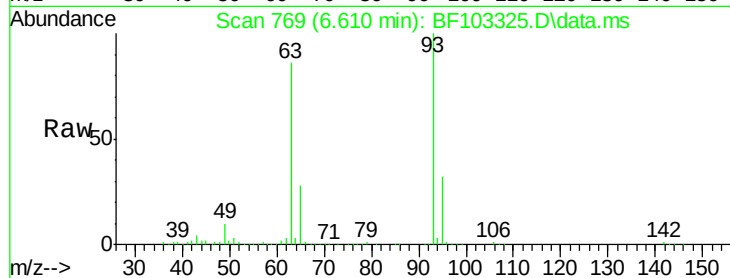




#11
bis(2-Chloroethyl)ether
Concen: 48.66 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

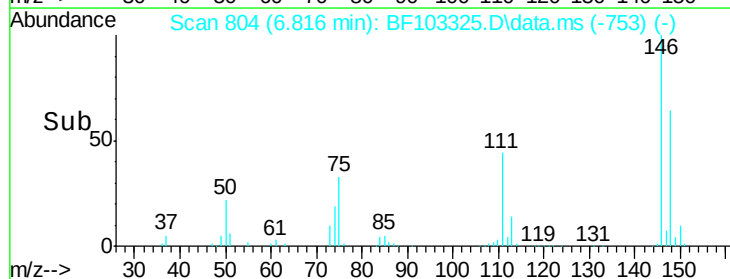
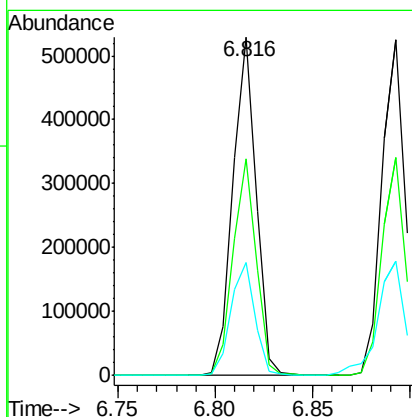
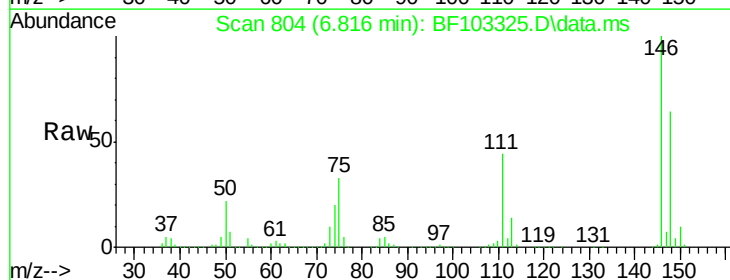
Instrument :
BNA_F
ClientSampleId :

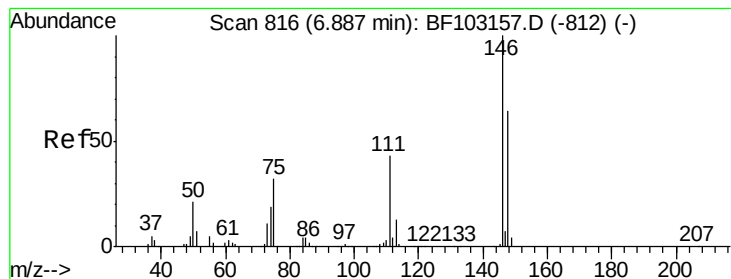
Tot Ion: 93 Resp: 436954
Ion Ratio Lower Upper
93 100
63 85.9 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.25 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion: 146 Resp: 437542
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 33.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 44.17 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

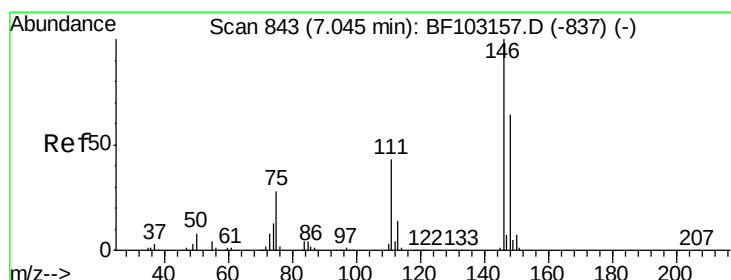
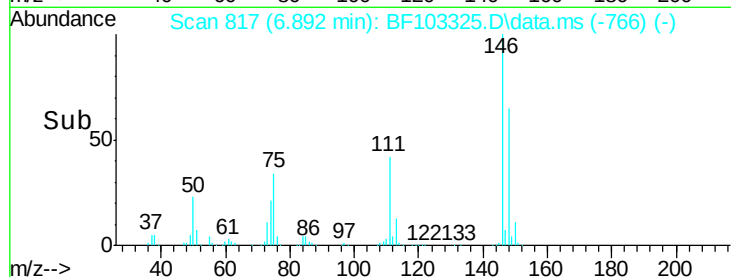
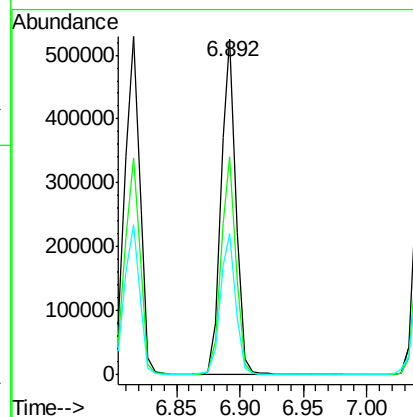
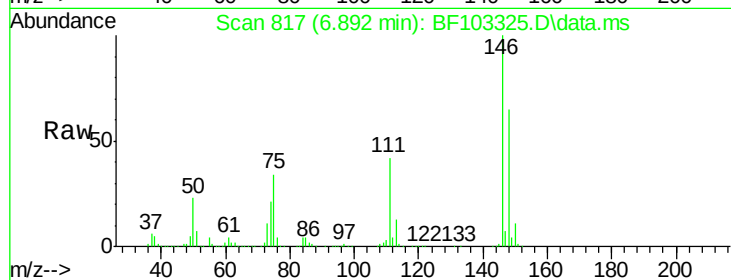
Tot Ion:146 Resp: 437948

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 42.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 43.95 ng

RT: 7.045 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

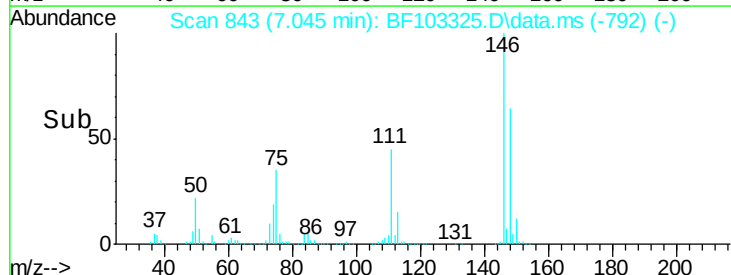
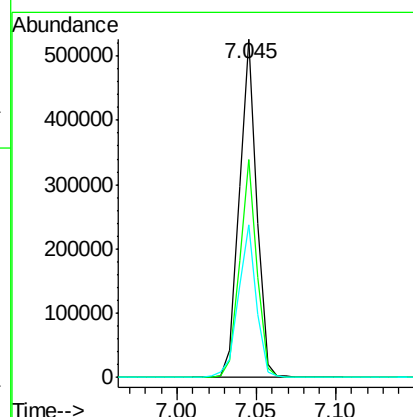
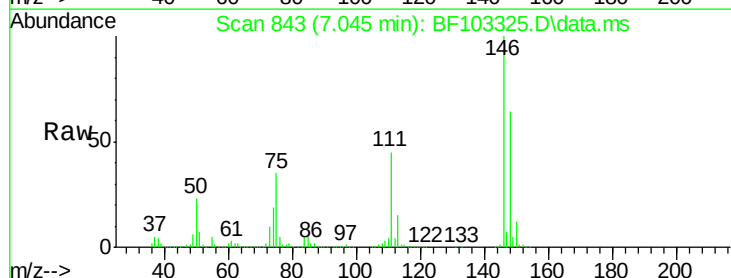
Tgt Ion:146 Resp: 401756

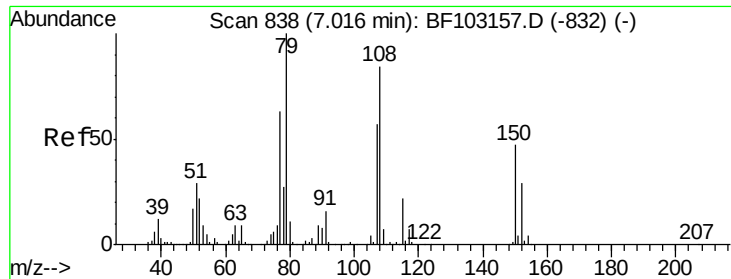
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 45.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 47.48 ng

RT: 7.022 min Scan# 83

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampled :

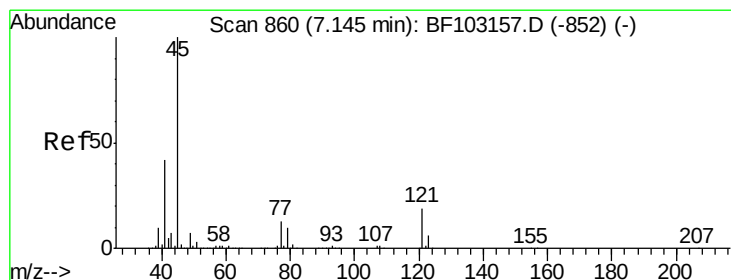
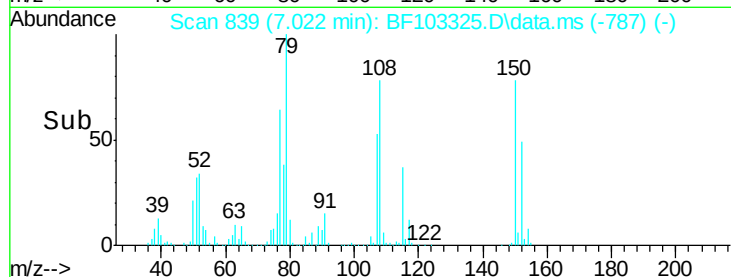
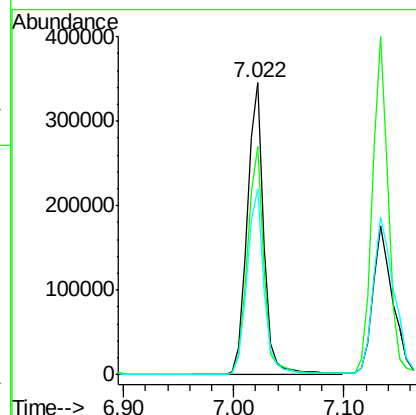
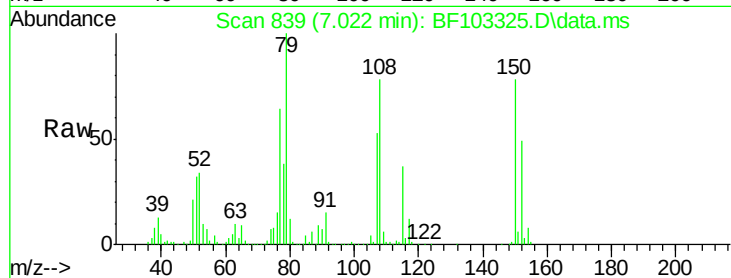
Tot Ion: 79 Resp: 364644

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

77 63.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.89 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

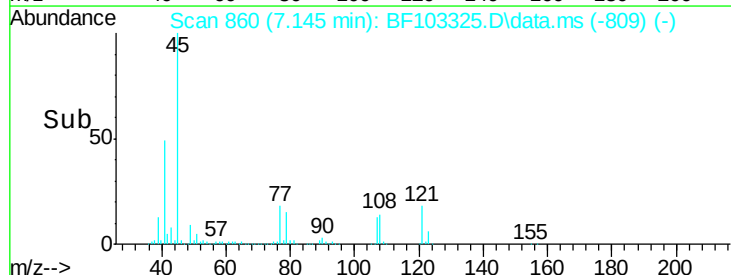
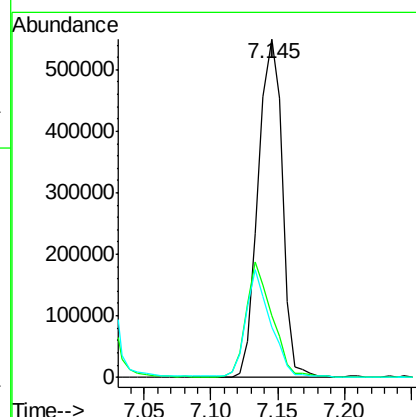
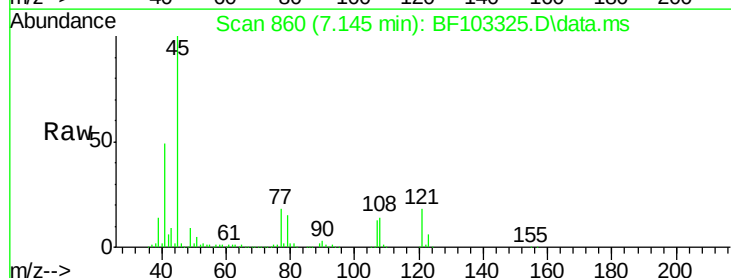
Tgt Ion: 45 Resp: 676874

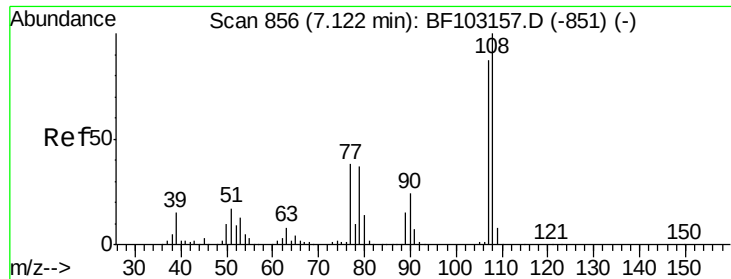
Ion Ratio Lower Upper

45 100

77 18.2 0.0 32.9

79 15.0 0.0 29.6

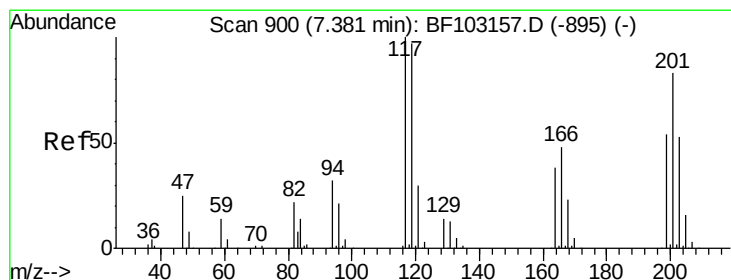
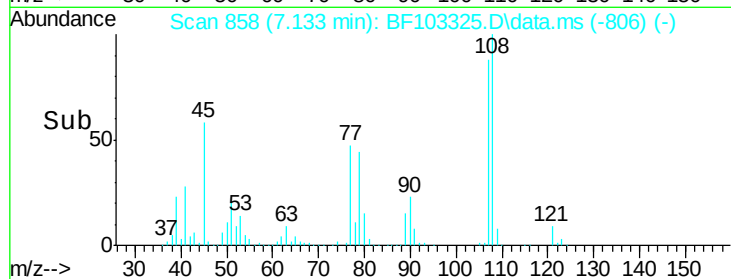
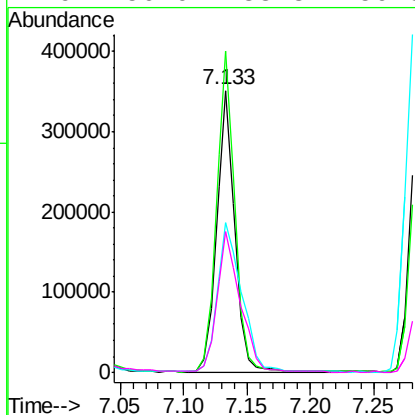
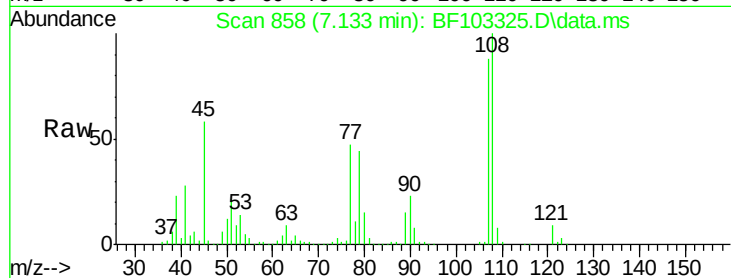




#17
2-Methylphenol
Concen: 44.53 ng
RT: 7.133 min Scan# 85
Delta R.T. 0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

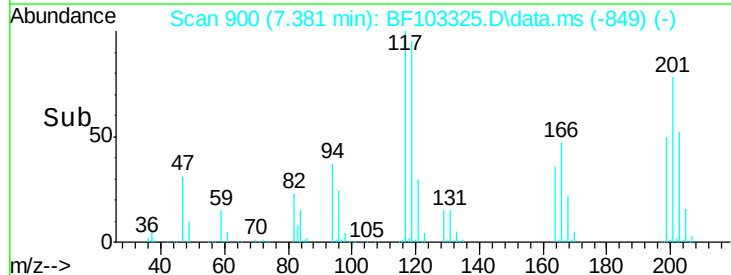
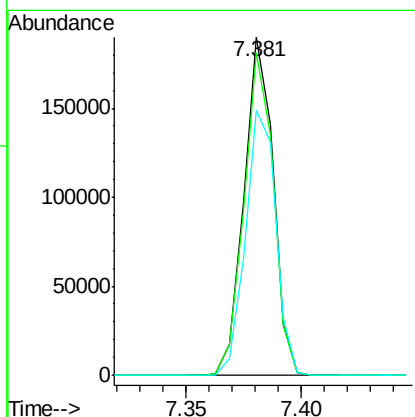
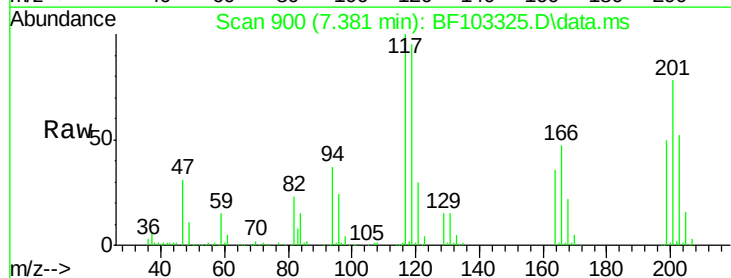
Instrument :
BNA_F
ClientSampled :

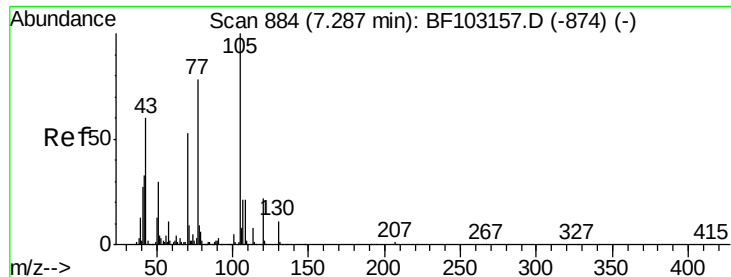
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	53.1	33.8	50.8
79	50.0	33.8	50.8



#18
Hexachloroethane
Concen: 46.63 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	78.3	75.7	113.5

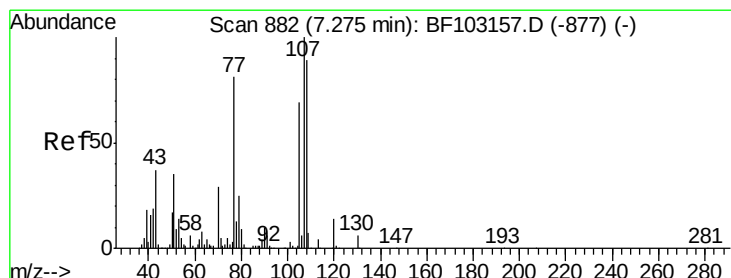
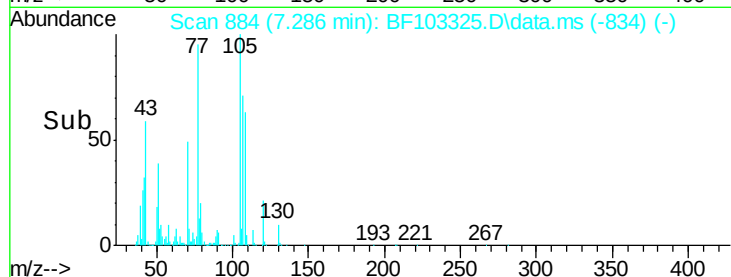
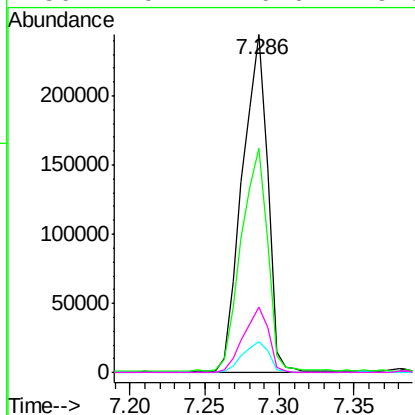
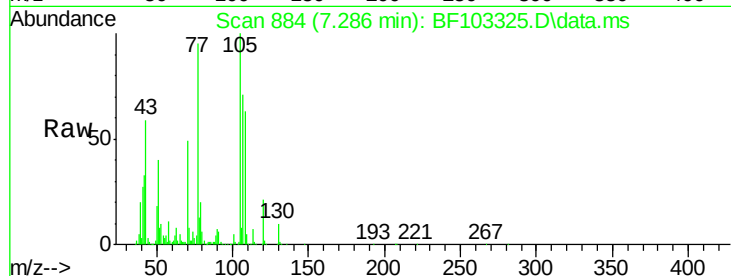




#19
n-Nitroso-di-n-propylamine
Concen: 46.00 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

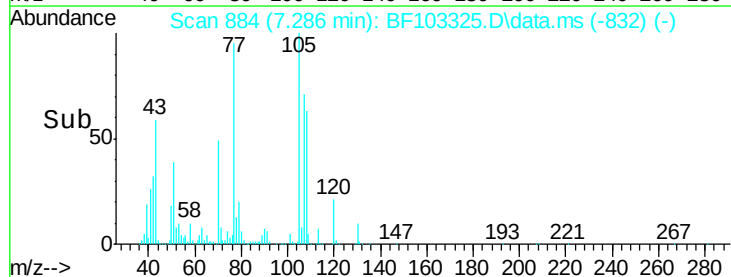
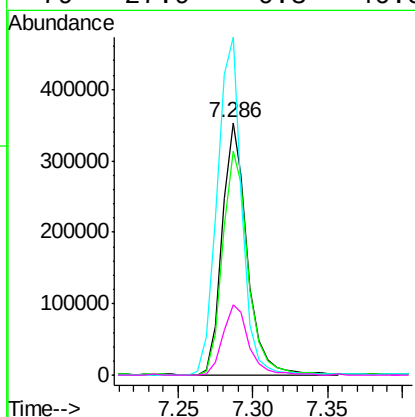
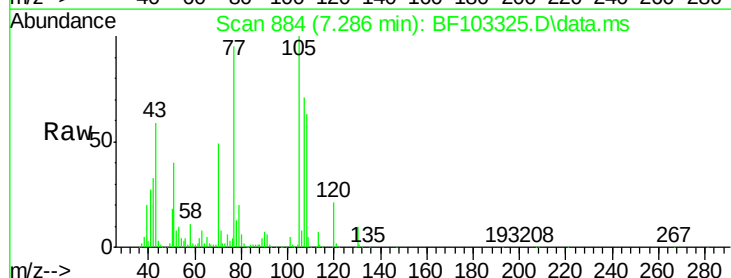
Instrument :
BNA_F
ClientSampleId :

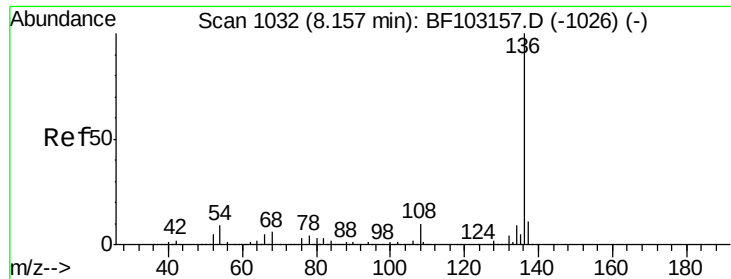
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.3	47.5	71.3
101	9.2	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	133.8	26.7	66.7#
79	27.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 526579

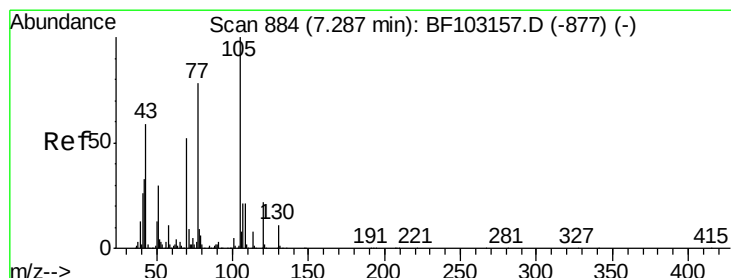
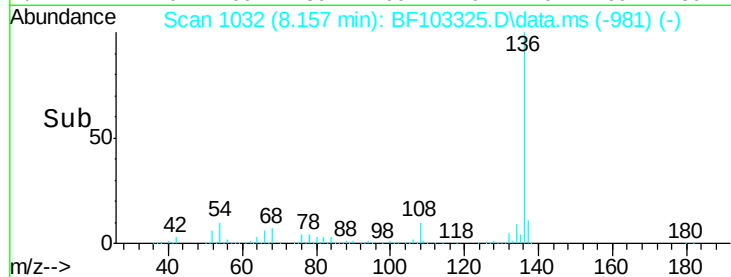
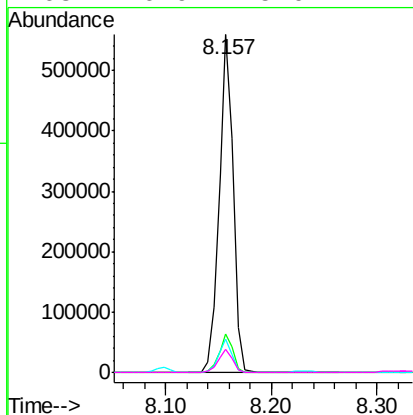
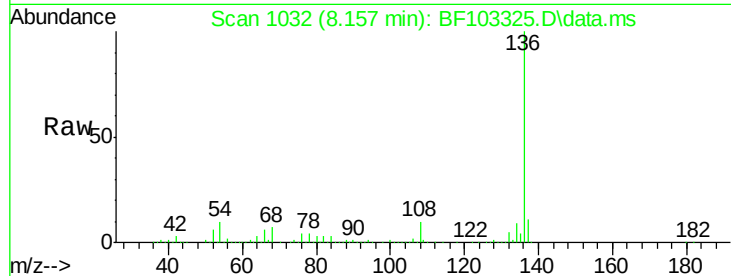
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.9 6.6 9.8#

68 6.9 5.0 7.4



#22

Acetophenone

Concen: 44.55 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Tgt Ion:105 Resp: 547595

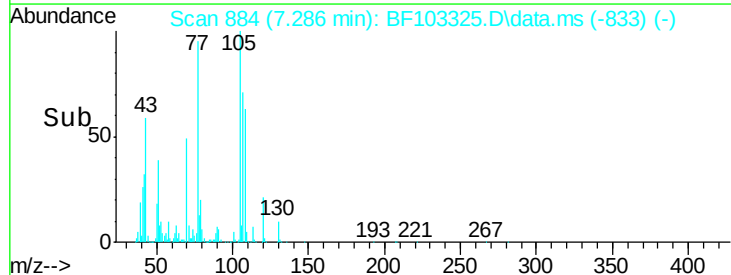
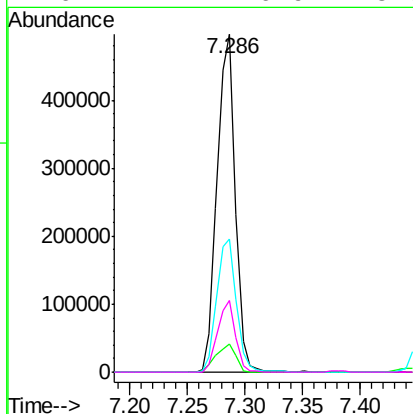
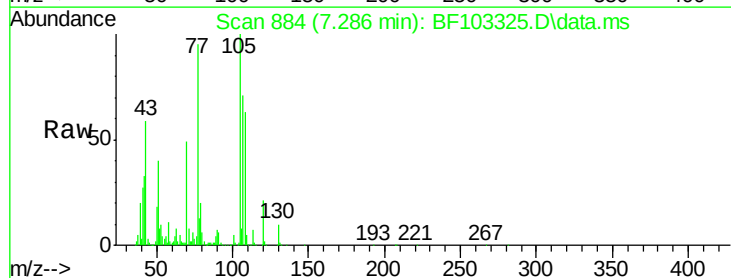
Ion Ratio Lower Upper

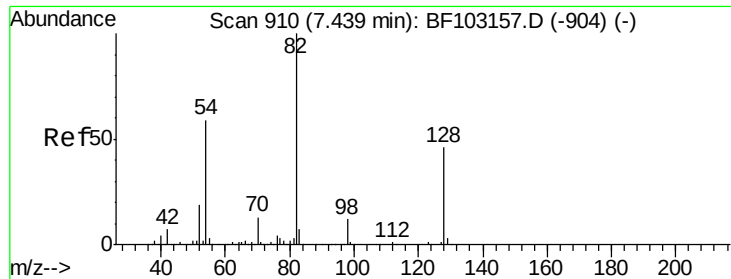
105 100

71 8.5 4.4 6.6#

51 39.5 22.3 33.5#

120 21.4 16.9 25.3

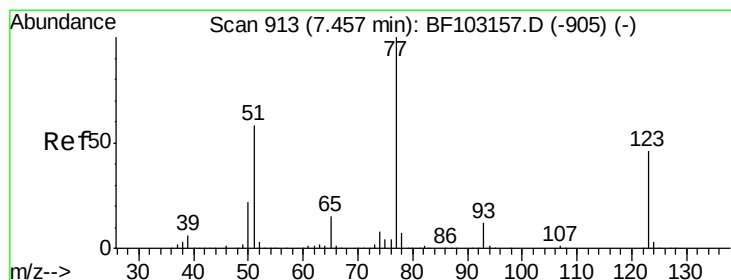
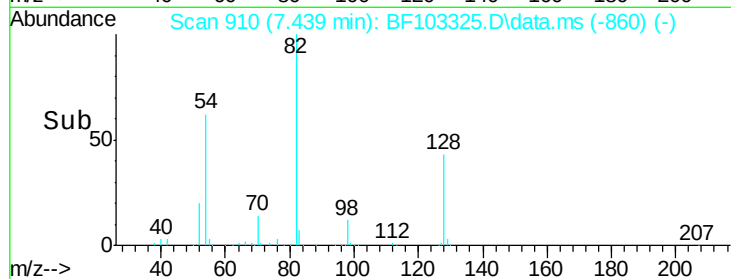
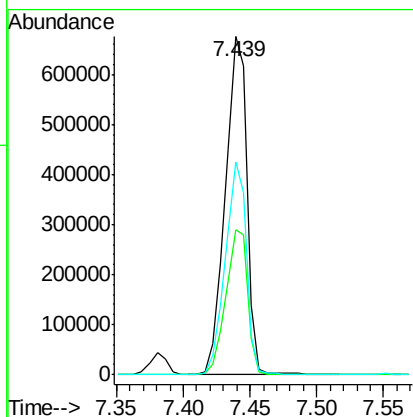
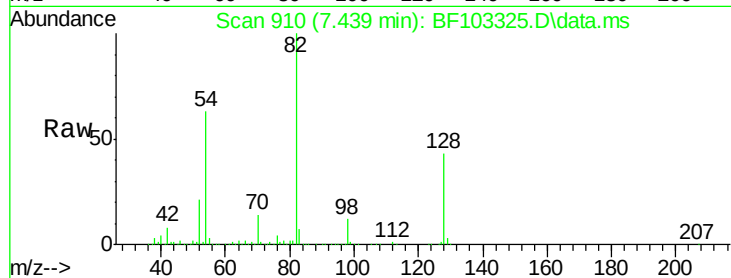




#23
 Nitrobenzene-d5
 Concen: 84.30 ng
 RT: 7.439 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

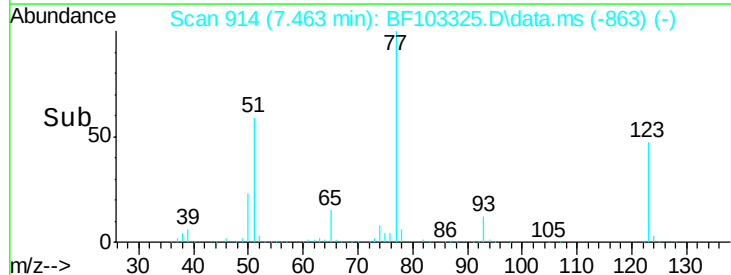
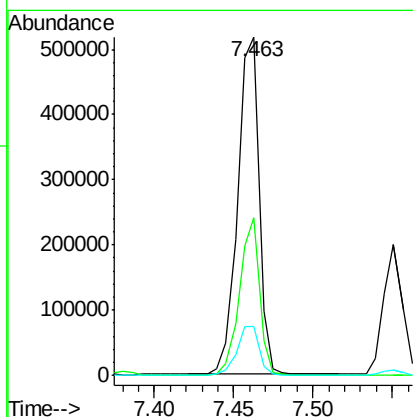
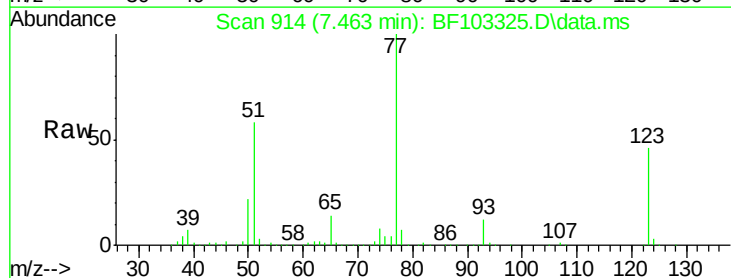
Instrument :
 BNA_F
 ClientSampleId :

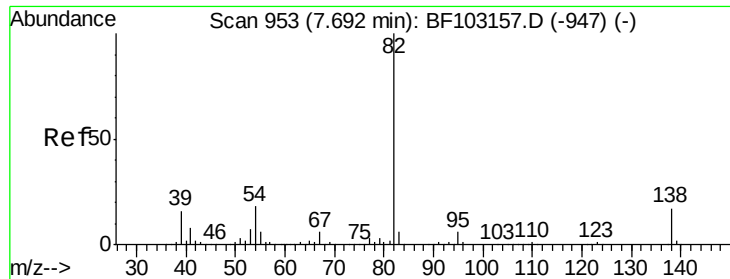
Tot Ion: 82 Resp: 777262
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 62.9 41.4 62.2#



#24
 Nitrobenzene
 Concen: 48.05 ng
 RT: 7.463 min Scan# 914
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion: 77 Resp: 487822
 Ion Ratio Lower Upper
 77 100
 123 46.4 37.9 56.9
 65 14.5 11.0 16.4





#25

Isophorone

Concen: 48.73 ng

RT: 7.698 min Scan# 95

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

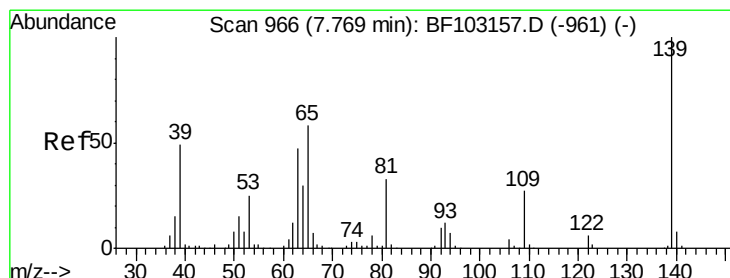
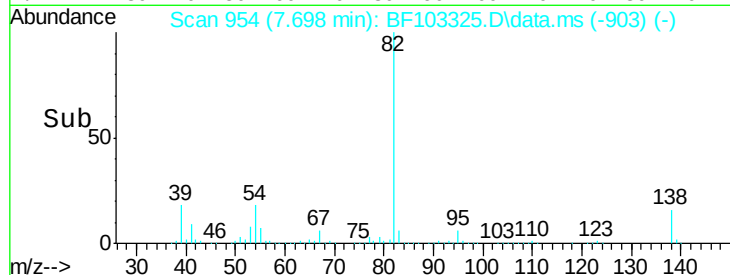
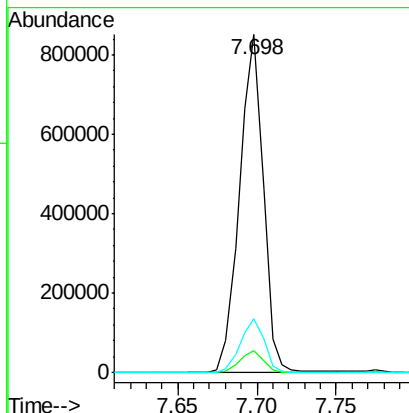
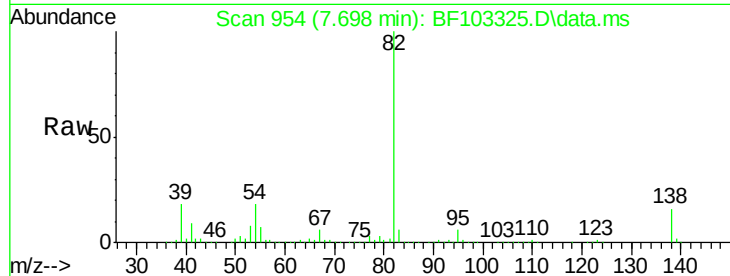
Tot Ion: 82 Resp: 884991

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.1 14.9 22.3



#26

2-Nitrophenol

Concen: 48.74 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

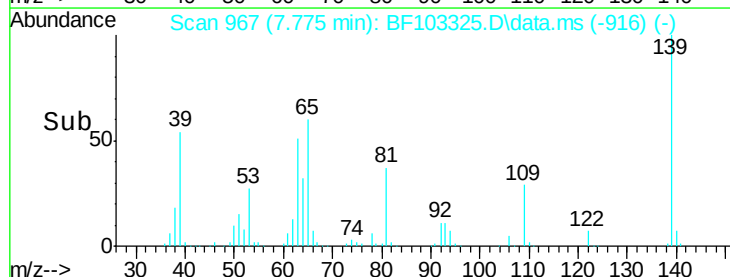
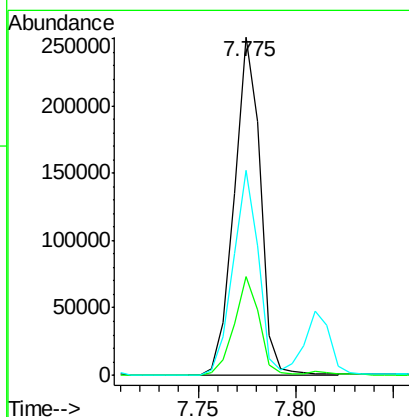
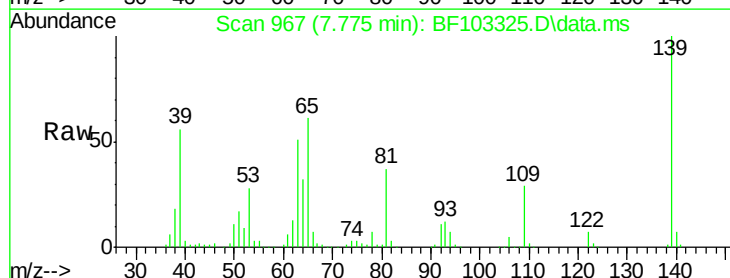
Tgt Ion: 139 Resp: 232960

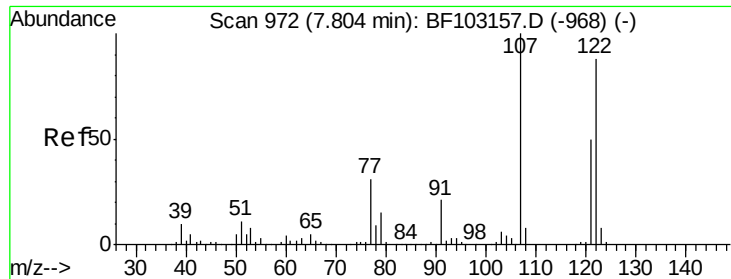
Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

65 60.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 52.57 ng

RT: 7.810 min Scan# 97

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

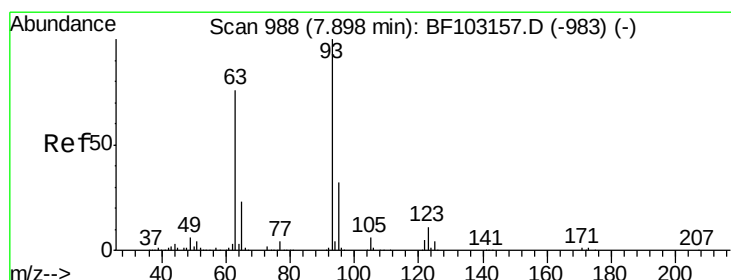
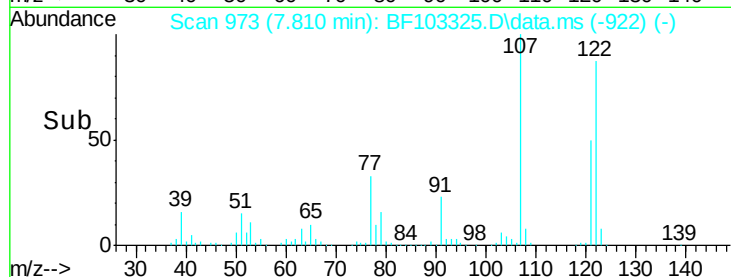
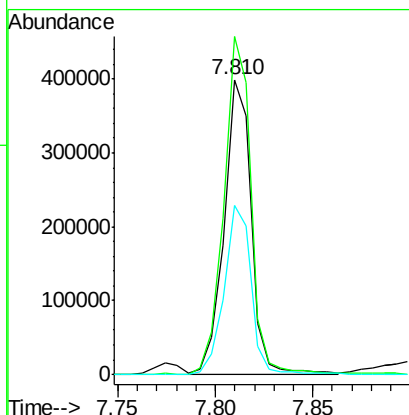
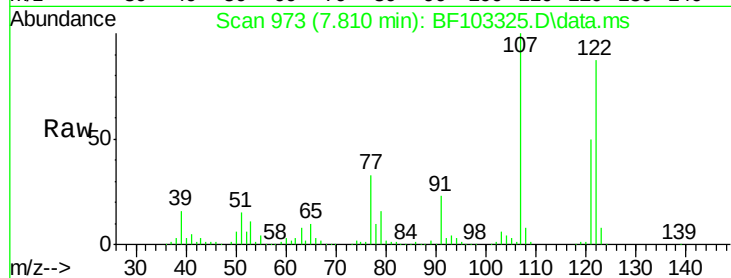
Tot Ion:122 Resp: 384006

Ion Ratio Lower Upper

122 100

107 114.7 91.2 136.8

121 57.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.27 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

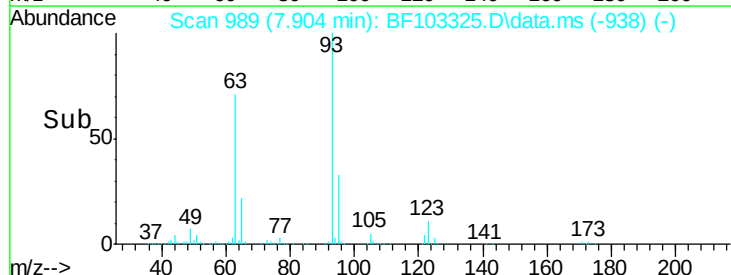
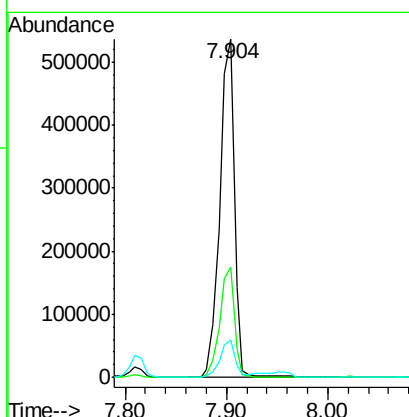
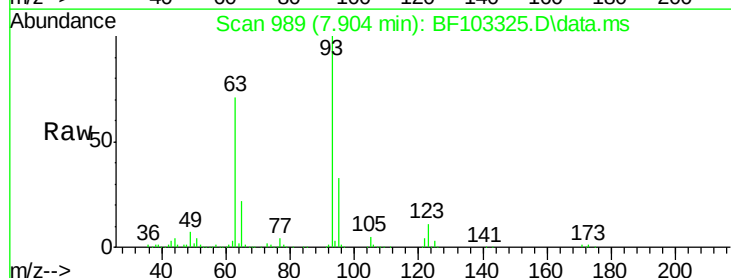
Tgt Ion: 93 Resp: 536791

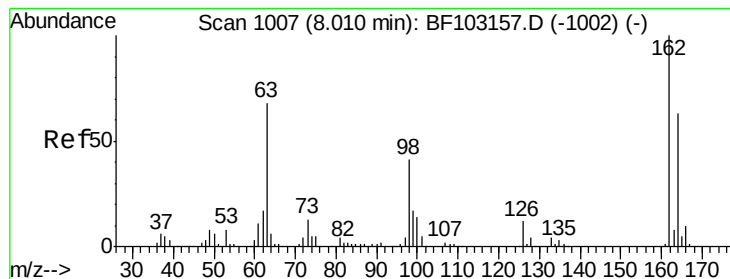
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 49.50 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

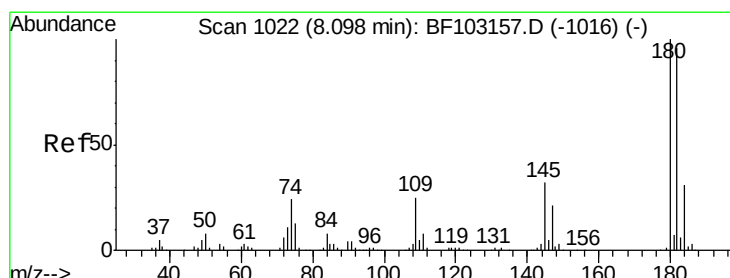
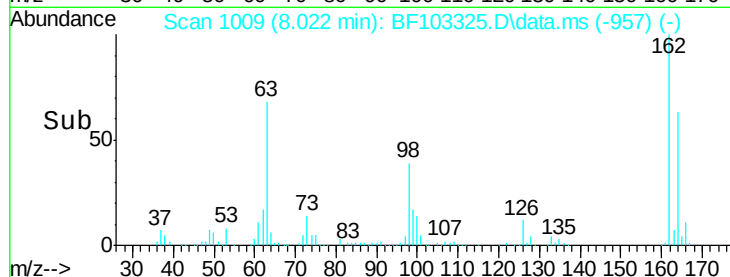
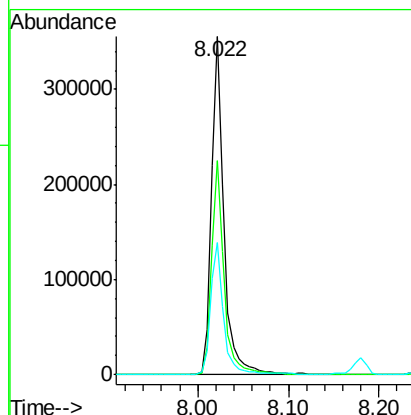
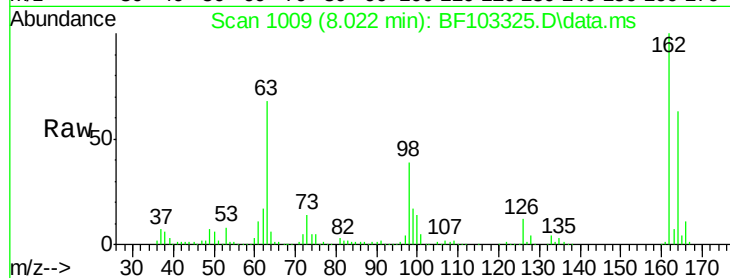
Tot Ion:162 Resp: 346169

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

98 38.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.51 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

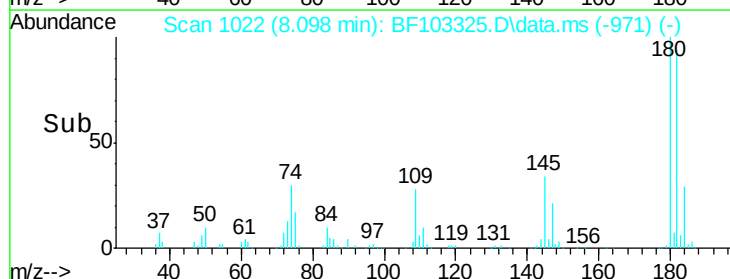
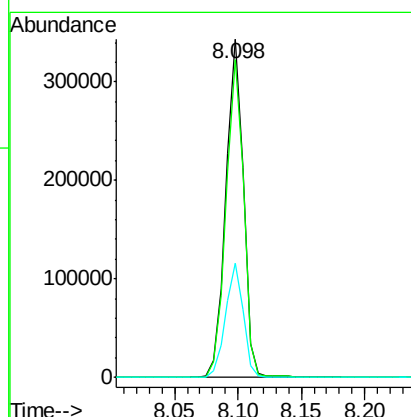
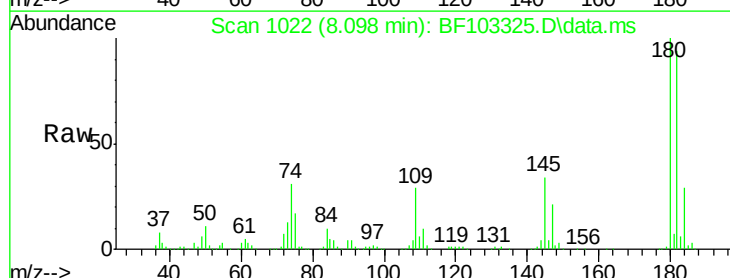
Tgt Ion:180 Resp: 331476

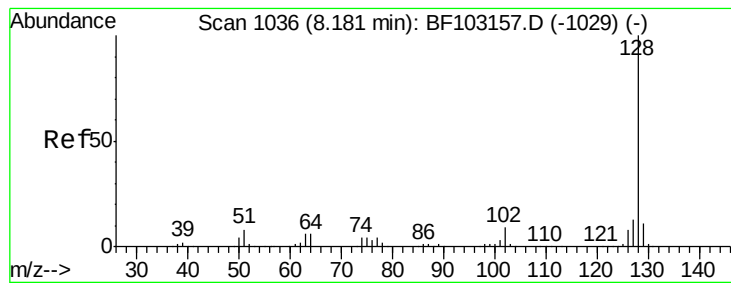
Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 33.9 26.5 39.7





#31

Naphthalene

Concen: 45.18 ng

RT: 8.180 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

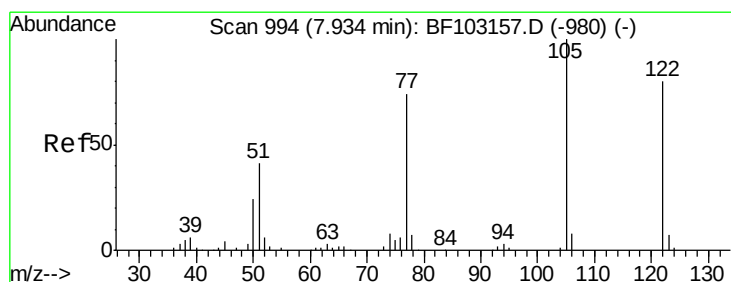
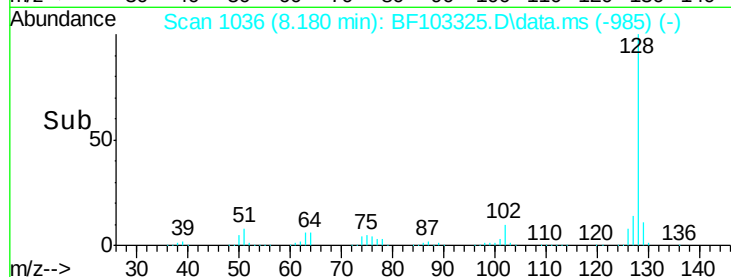
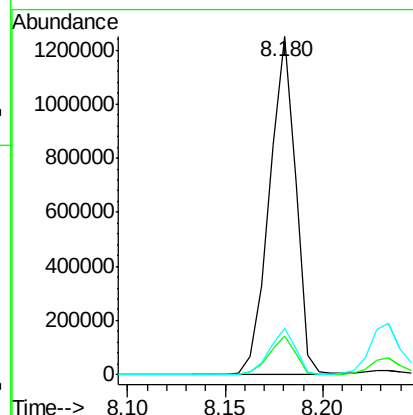
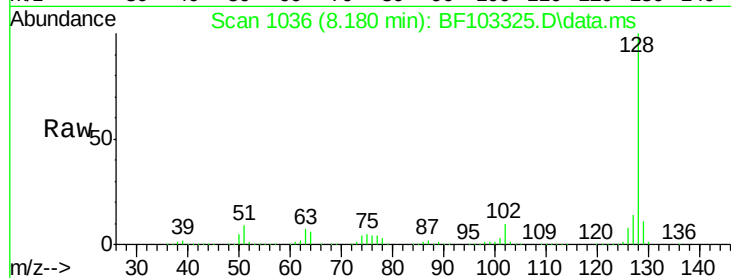
Tot Ion:128 Resp: 1164765

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 52.23 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.012 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

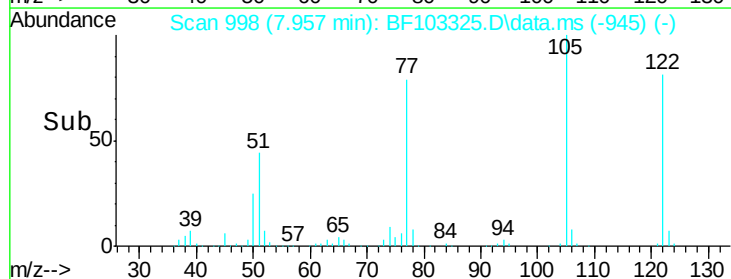
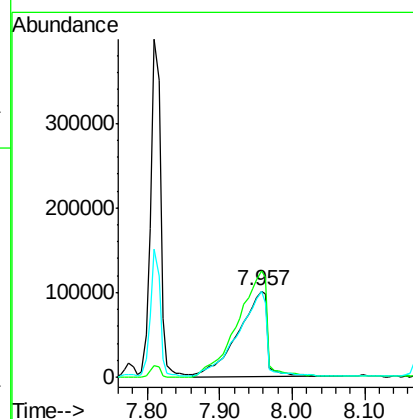
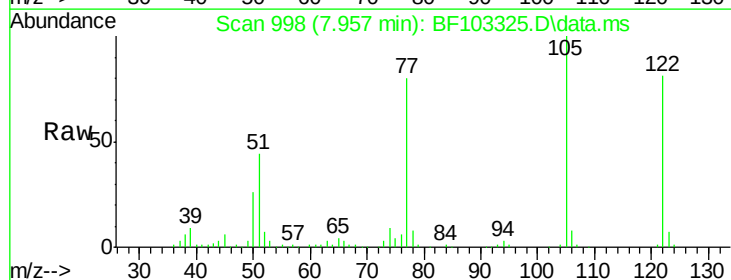
Tgt Ion:122 Resp: 286904

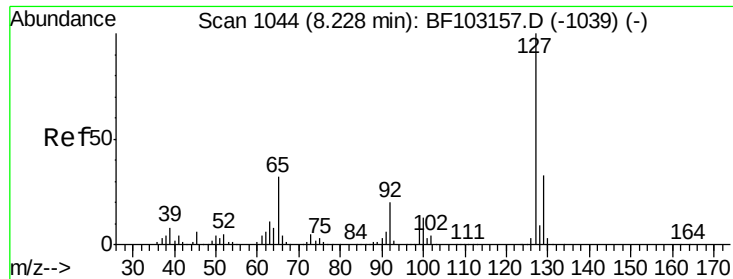
Ion Ratio Lower Upper

122 100

105 123.8 101.1 141.1

77 99.0 70.7 110.7

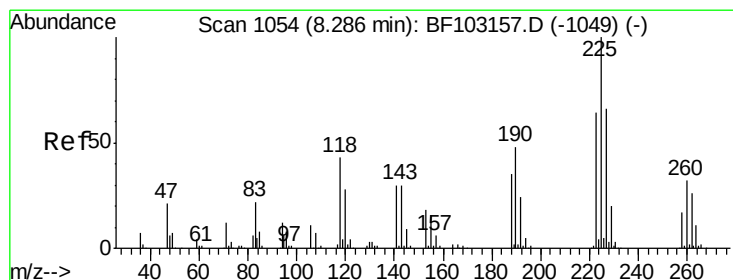
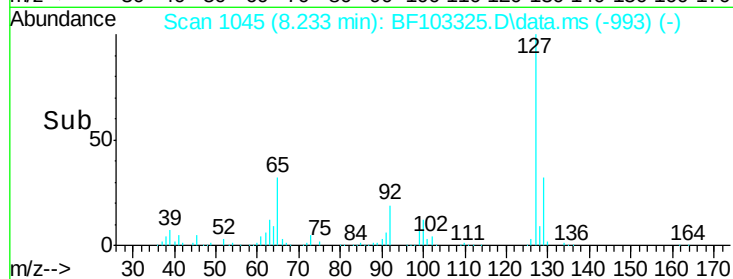
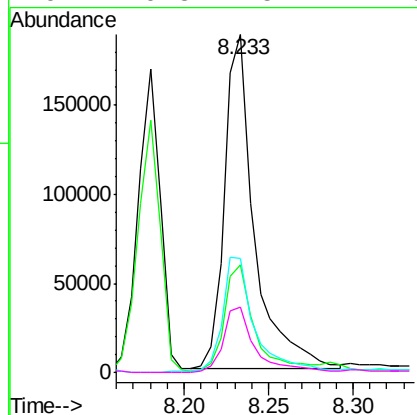
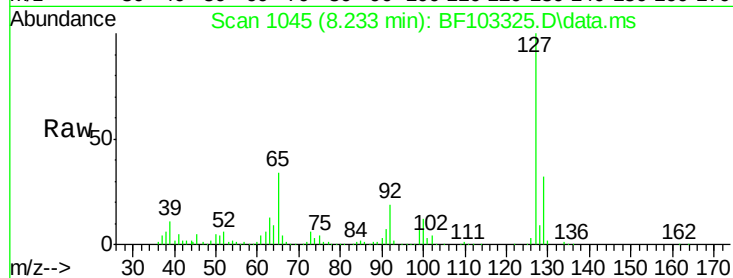




#33
4-Chloroaniline
Concen: 20.77 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

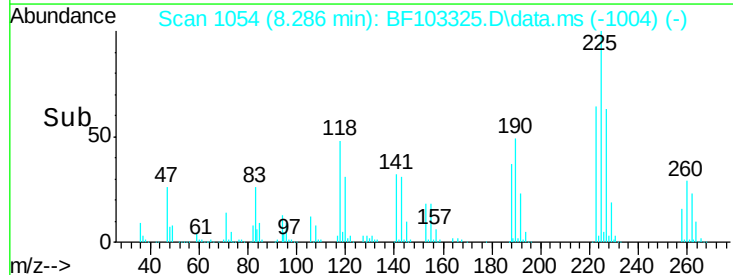
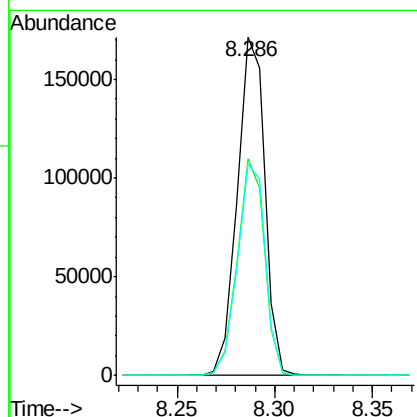
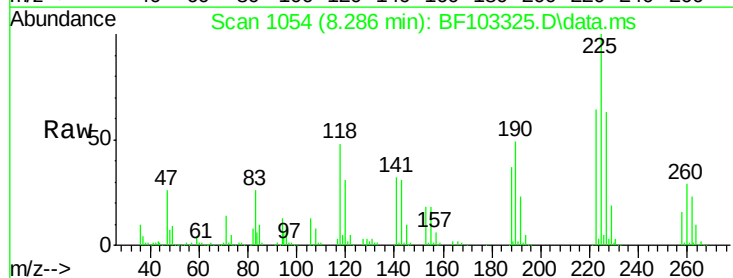
Instrument :
BNA_F
ClientSampleId :

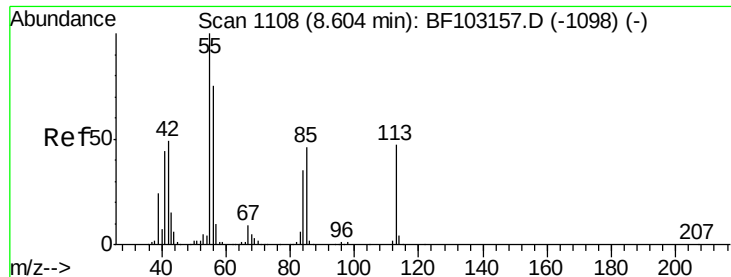
Tot Ion:	127	Resp:	231043
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.9	38.9
65	33.7	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.19 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion:	225	Resp:	167512
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.6	76.0
227	62.7	51.9	77.9

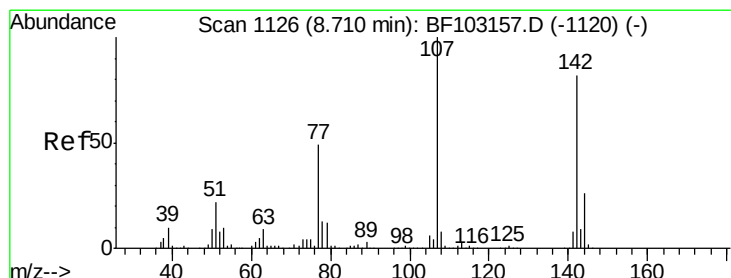
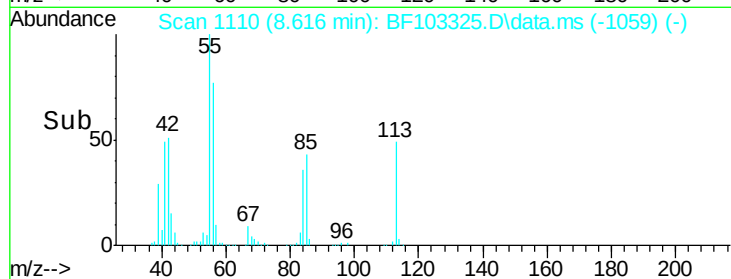
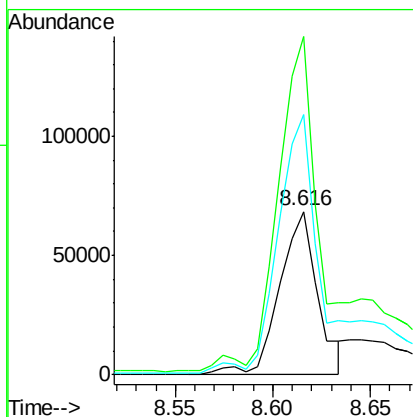
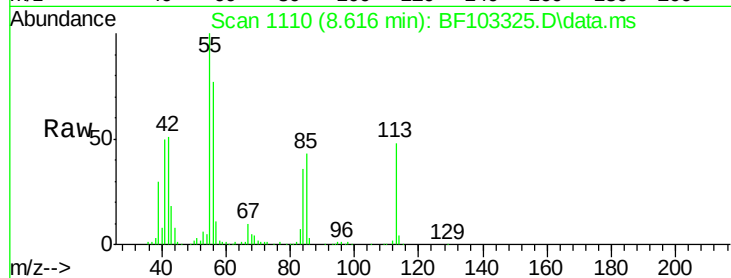




#35
 Caprolactam
 Concen: 37.40 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

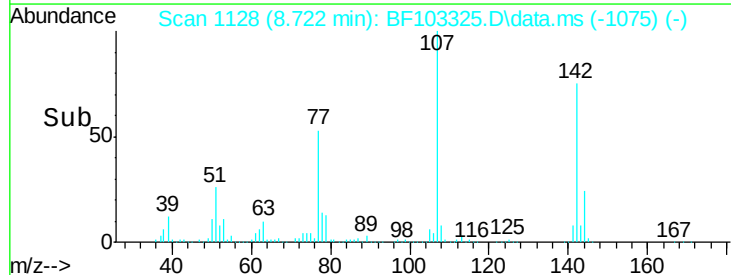
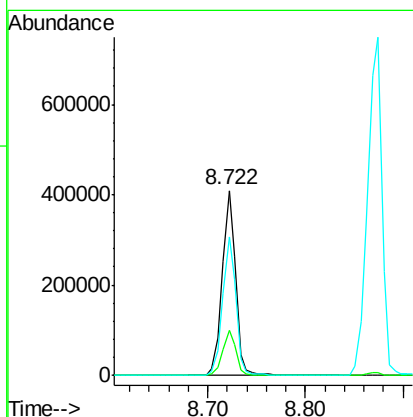
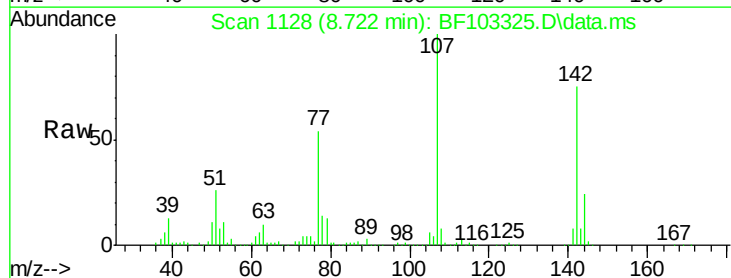
Instrument :
 BNA_F
 ClientSampleId :

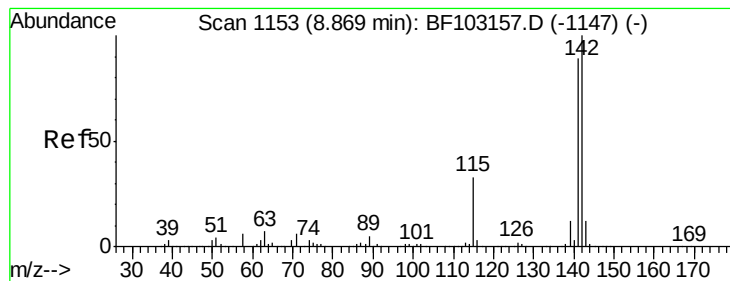
Tot Ion:113 Resp: 91934
 Ion Ratio Lower Upper
 113 100
 55 207.2 163.3 203.3#
 56 159.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 49.50 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion:107 Resp: 390507
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.5 30.7
 142 75.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 46.07 ng

RT: 8.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

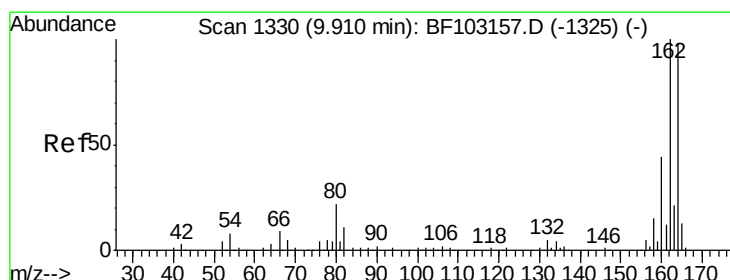
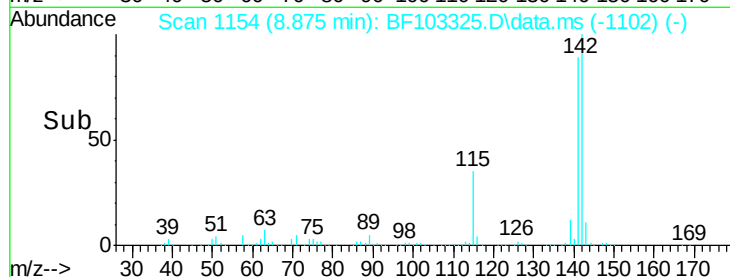
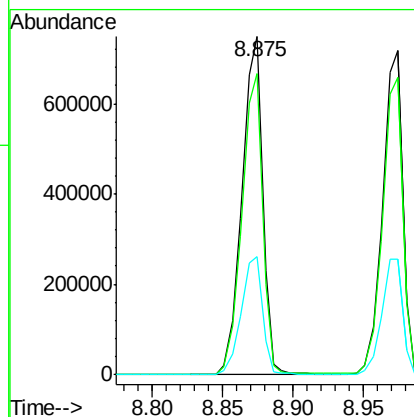
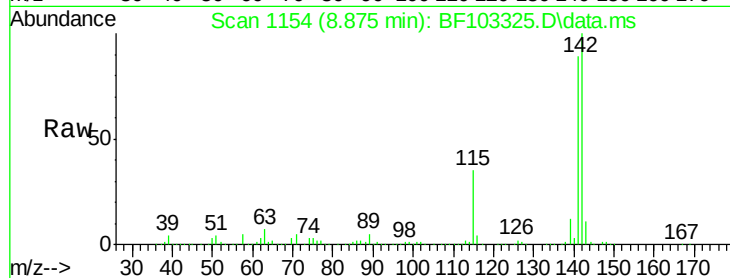
Tot Ion:142 Resp: 767508

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

115 34.8 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

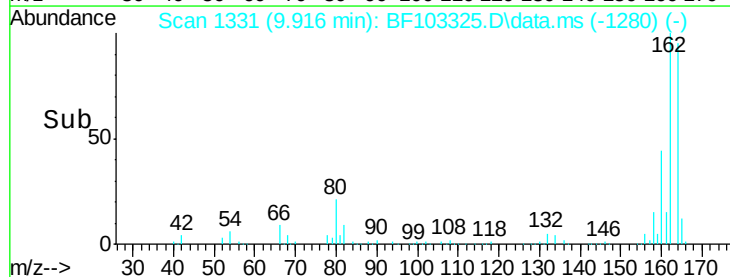
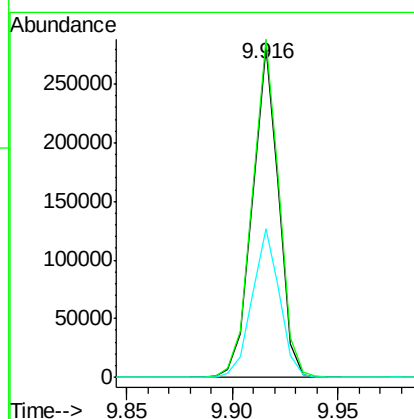
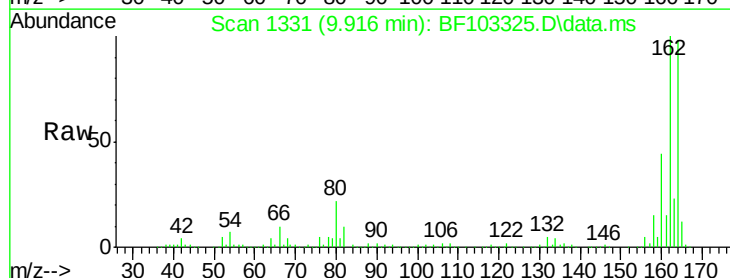
Tgt Ion:164 Resp: 242693

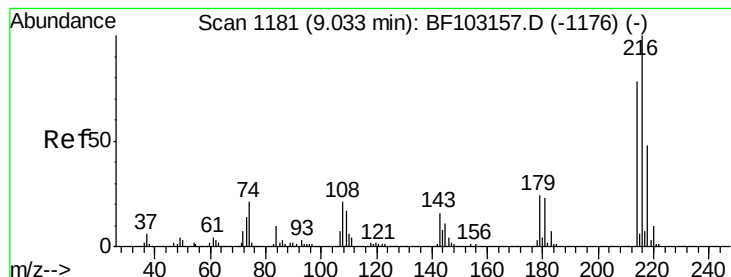
Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

160 45.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.60 ng

RT: 9.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 282639

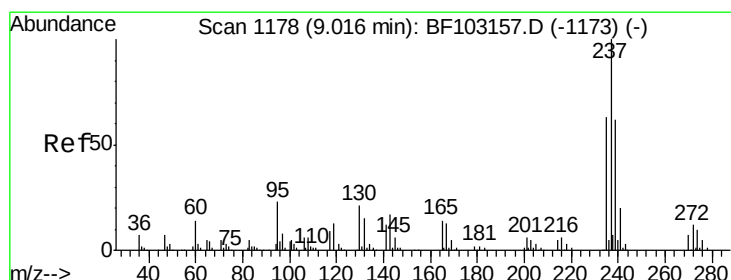
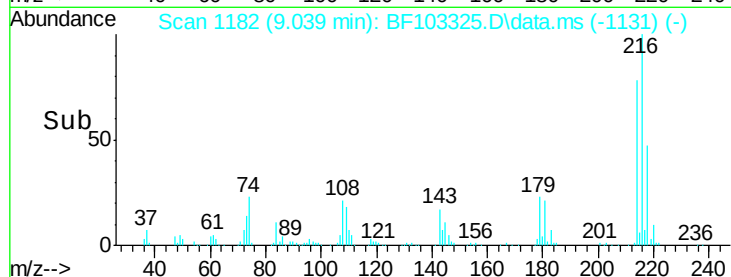
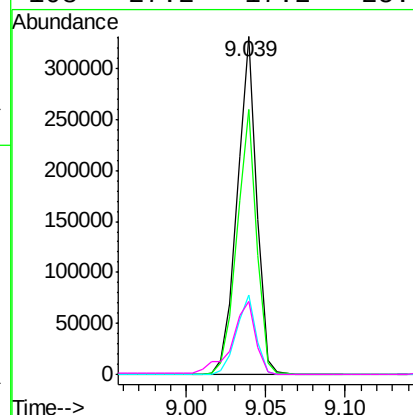
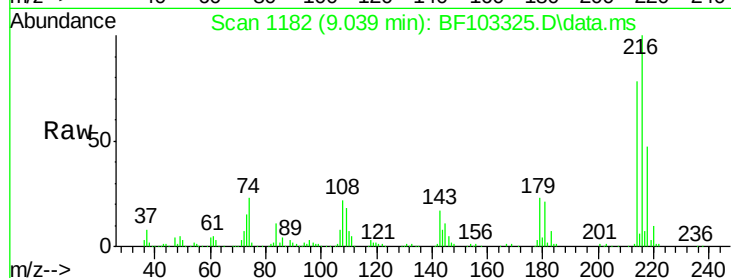
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.9 18.1 27.1

108 27.2 17.2 25.8#



#40

Hexachlorocyclopentadiene

Concen: 80.39 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

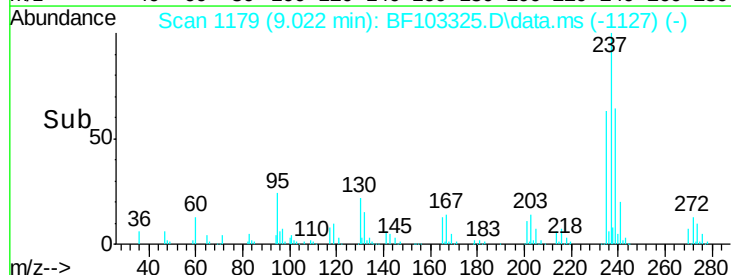
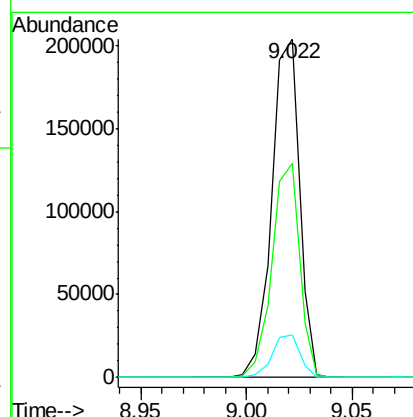
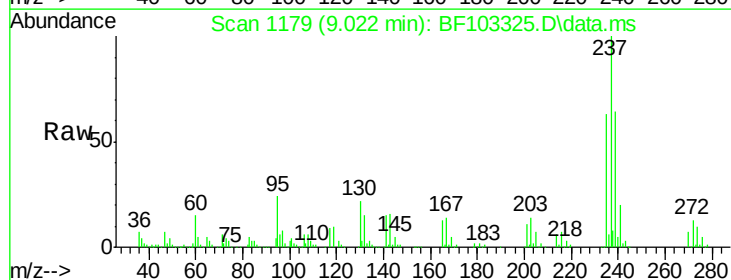
Tgt Ion:237 Resp: 188105

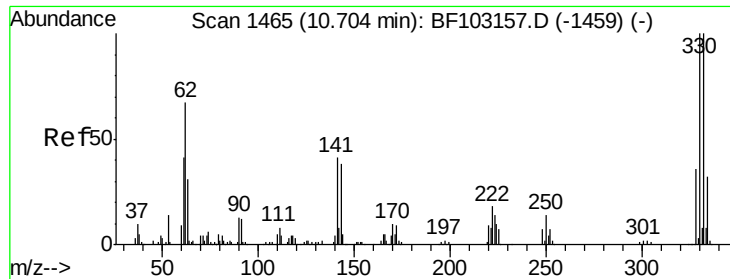
Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

272 12.7 0.0 33.3

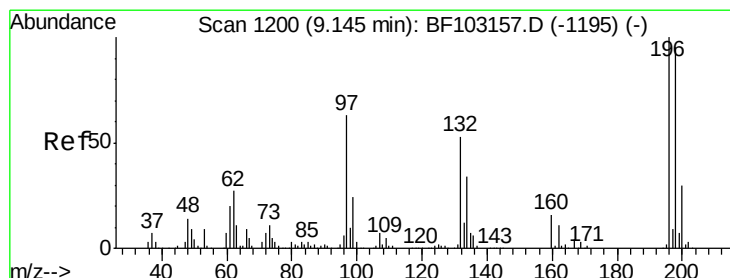
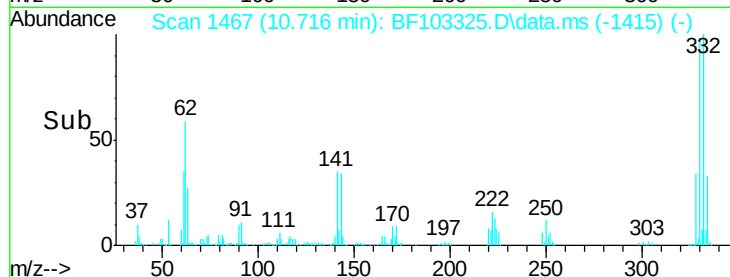
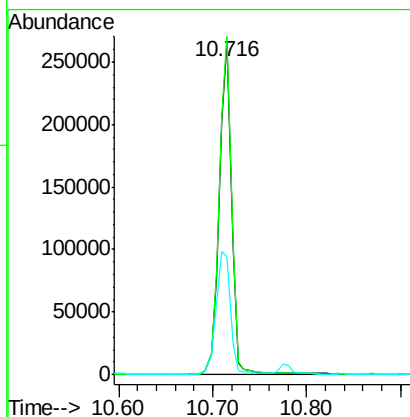
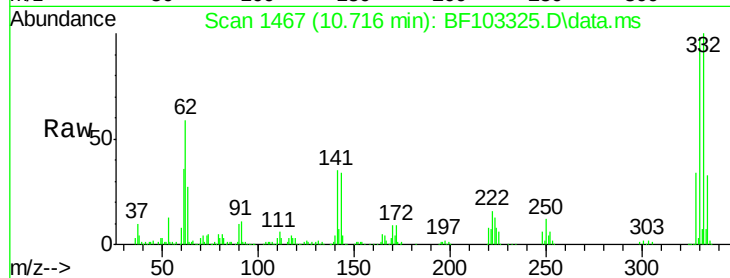




#41
 2,4,6-Tribromophenol
 Concen: 119.96 ng
 RT: 10.716 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

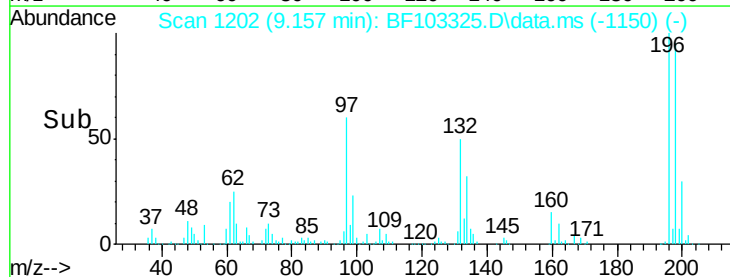
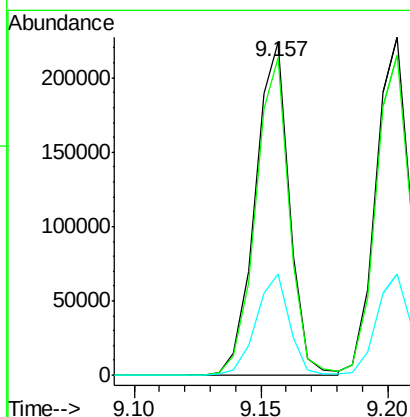
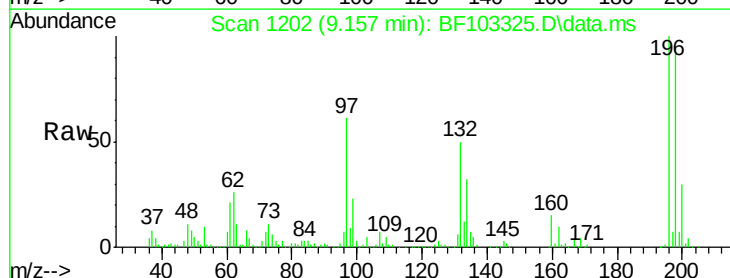
Instrument :
 BNA_F
 ClientSampleId :

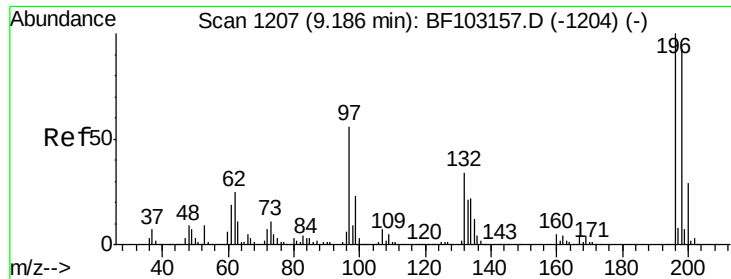
Tot Ion:330 Resp: 246439
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 43.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 47.13 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. 0.006 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion:196 Resp: 210419
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 30.4 24.5 36.7

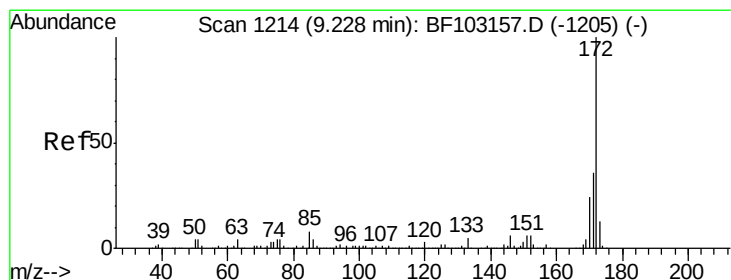
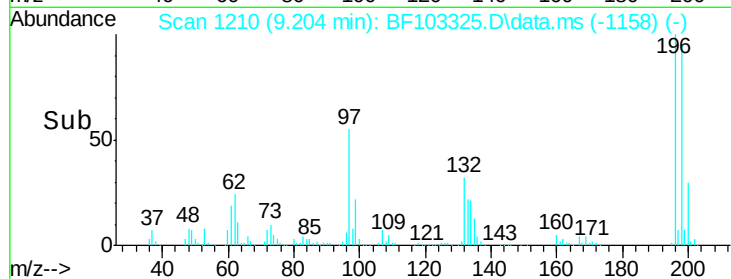
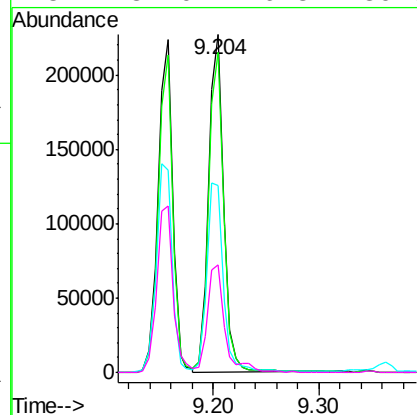
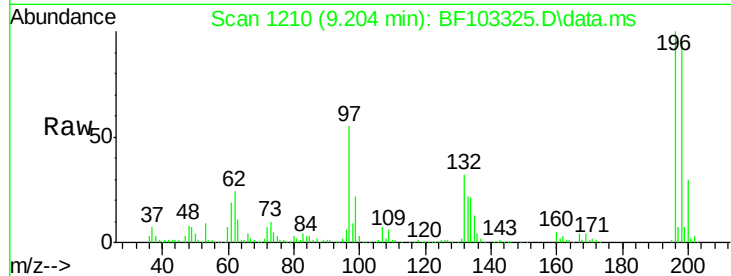




#43
 2,4,5-Trichlorophenol
 Concen: 43.55 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. 0.006 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

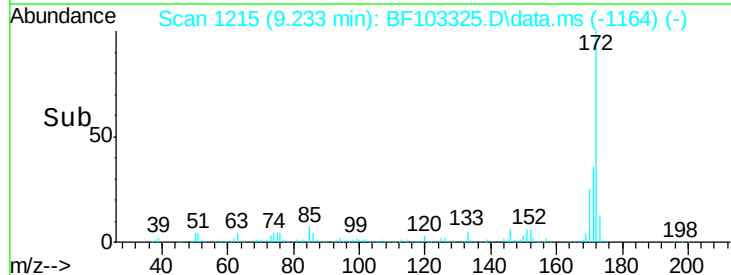
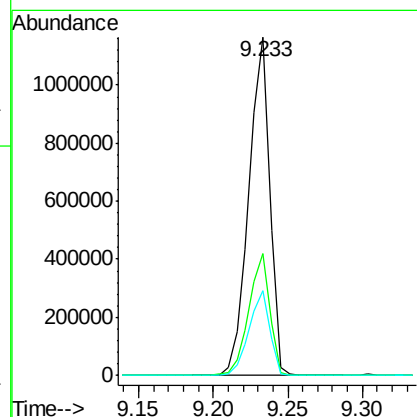
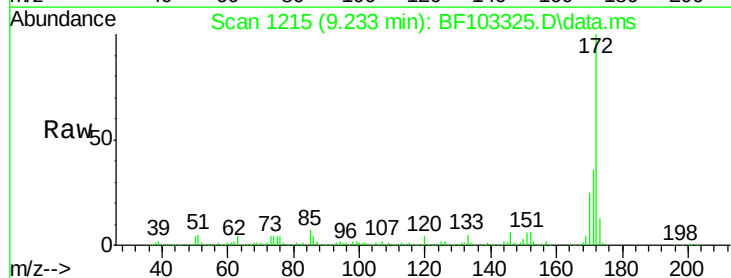
Instrument :
 BNA_F
 ClientSampleId :

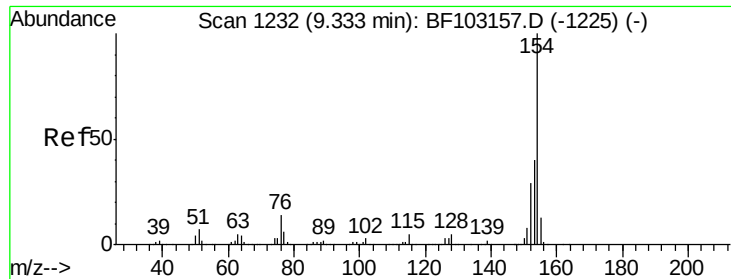
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	55.2	42.9	64.3
132	32.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 79.47 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	25.1	19.6	29.4

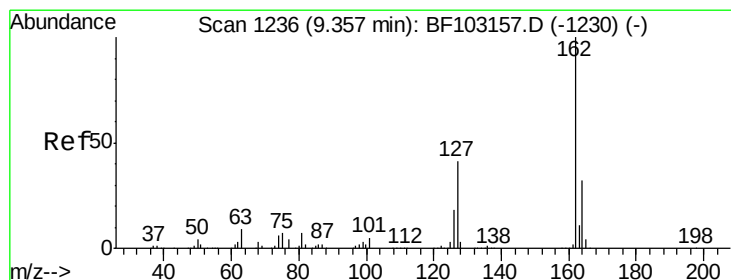
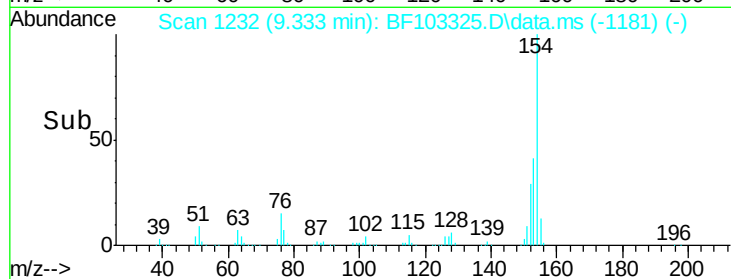
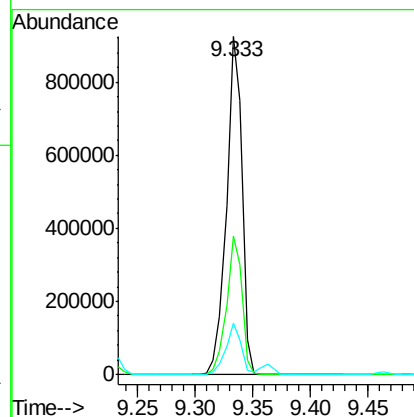
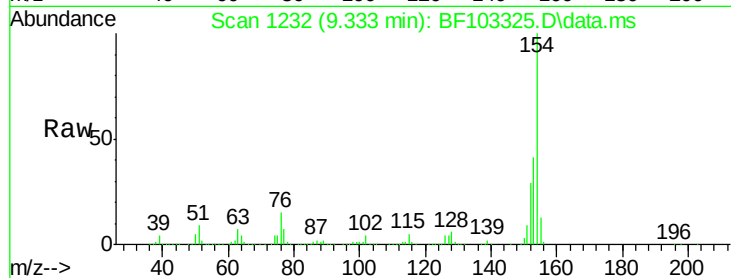




#45
 1,1'-Biphenyl
 Concen: 42.46 ng
 RT: 9.333 min Scan# 1232
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

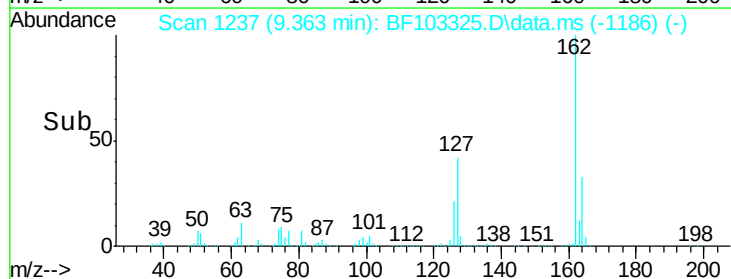
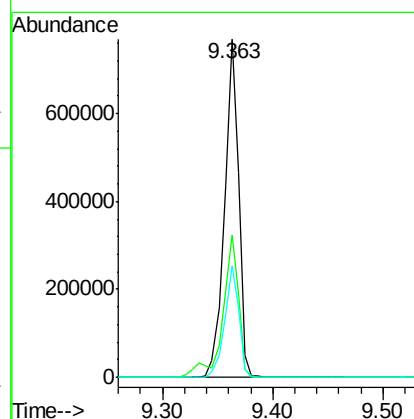
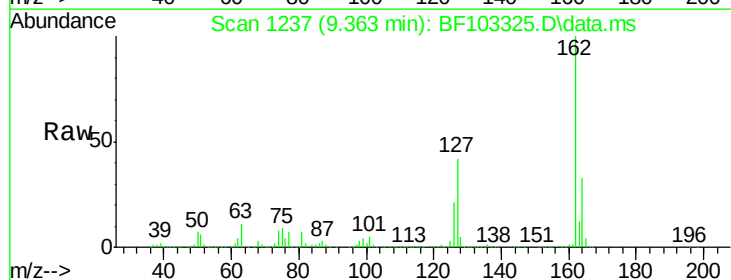
Instrument :
 BNA_F
 ClientSampleId :

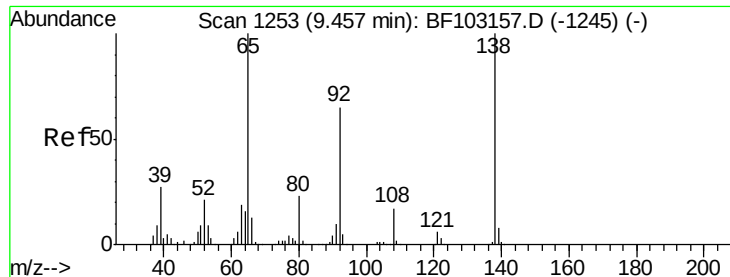
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	15.1	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 42.54 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.9	50.9
164	33.1	26.5	39.7





#47

2-Nitroaniline

Concen: 48.91 ng

RT: 9.463 min Scan# 12

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

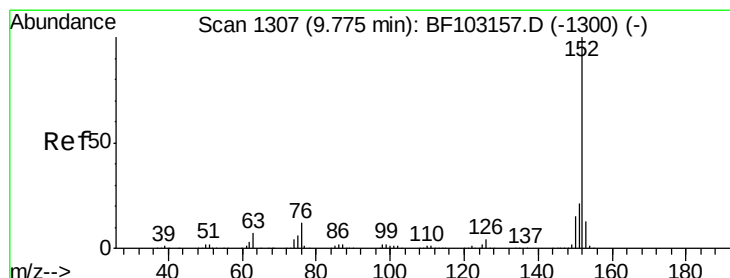
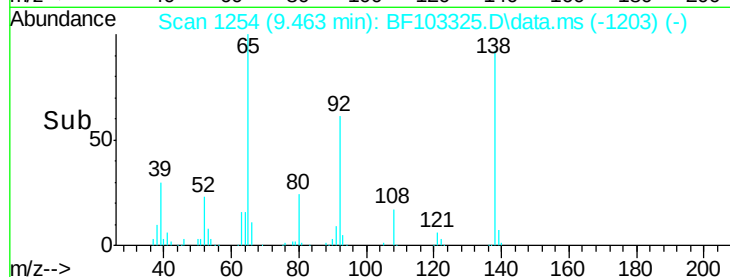
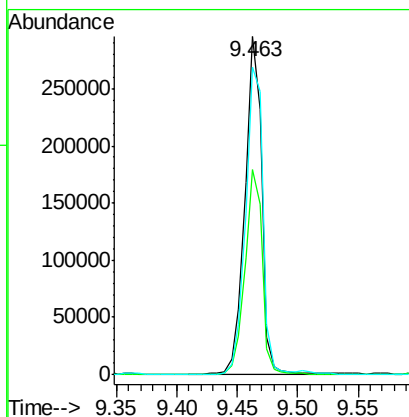
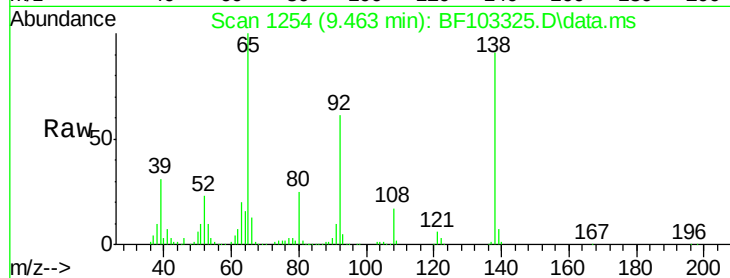
Tot Ion: 65 Resp: 291508

Ion Ratio Lower Upper

65 100

92 60.7 55.8 83.6

138 91.1 91.2 136.8#



#48

Acenaphthylene

Concen: 42.98 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

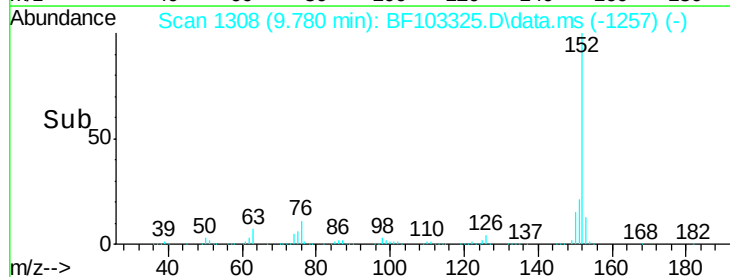
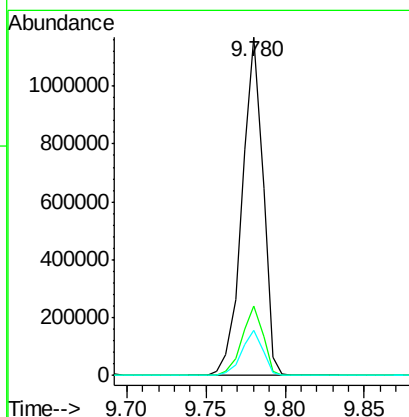
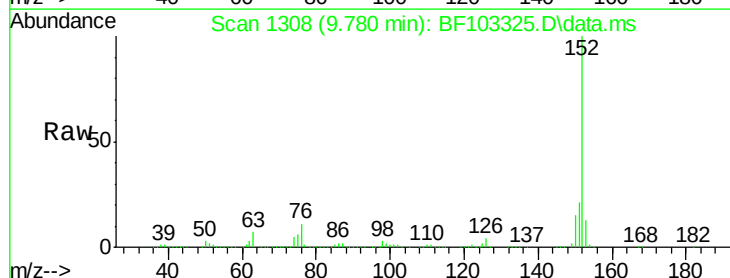
Tgt Ion: 152 Resp: 1064049

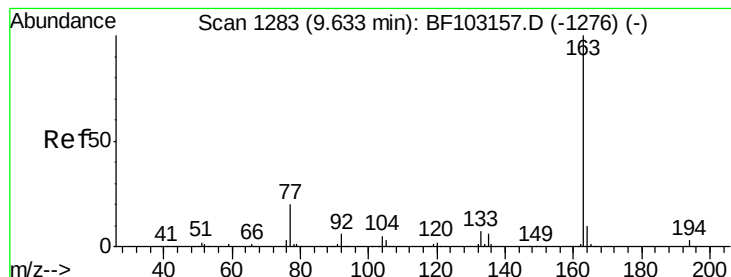
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 43.12 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

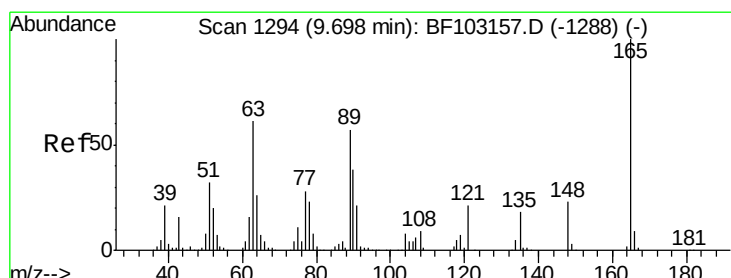
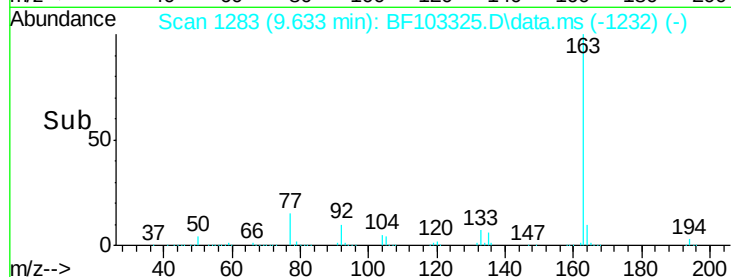
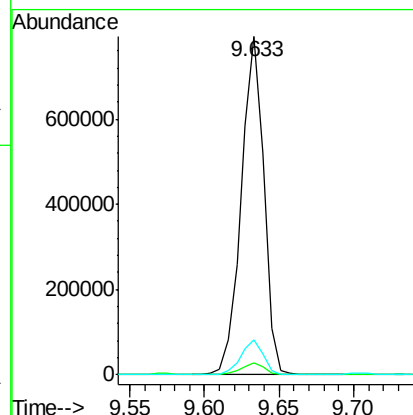
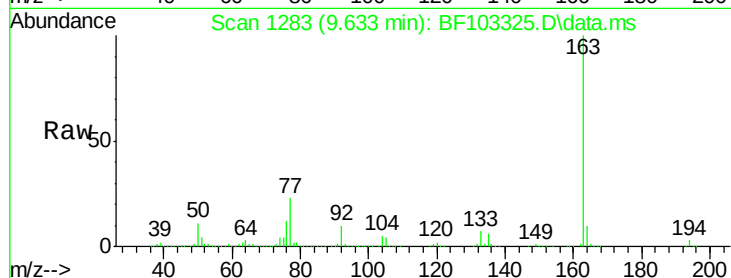
Tot Ion:163 Resp: 839583

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.1 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 44.40 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

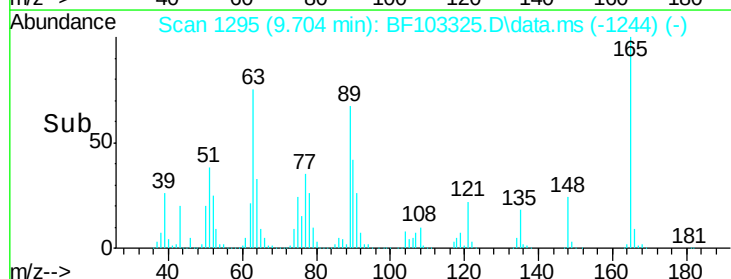
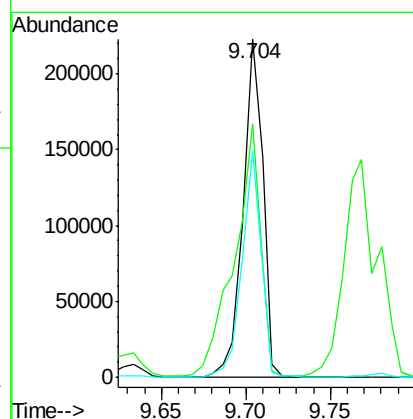
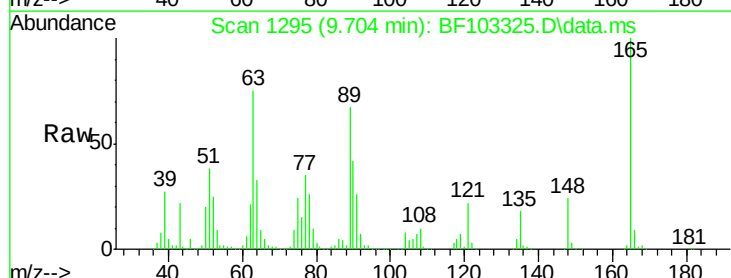
Tgt Ion:165 Resp: 181387

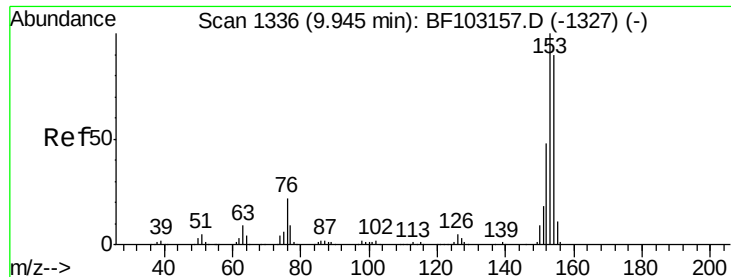
Ion Ratio Lower Upper

165 100

63 75.0 44.7 67.1#

89 67.0 44.0 66.0#





#51

Acenaphthene

Concen: 42.15 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

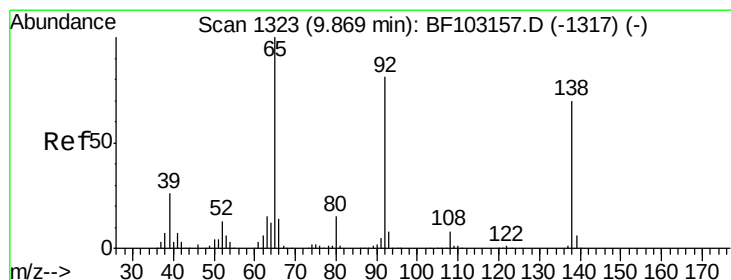
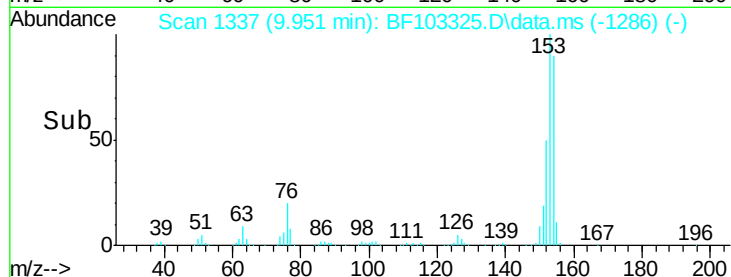
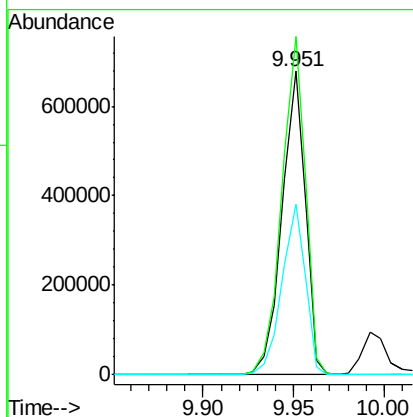
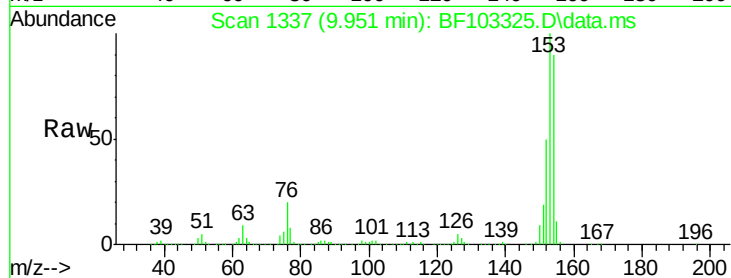
Tot Ion:154 Resp: 608408

Ion Ratio Lower Upper

154 100

153 111.5 91.2 136.8

152 56.1 43.8 65.8



#52

3-Nitroaniline

Concen: 29.75 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

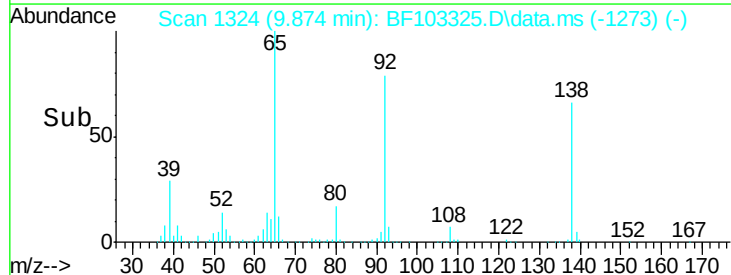
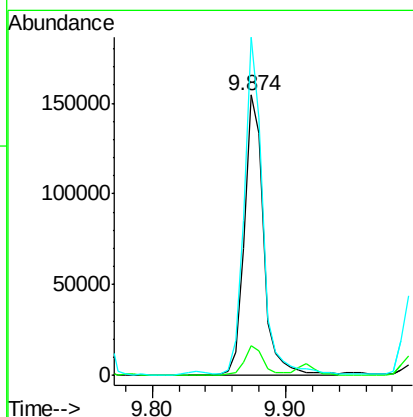
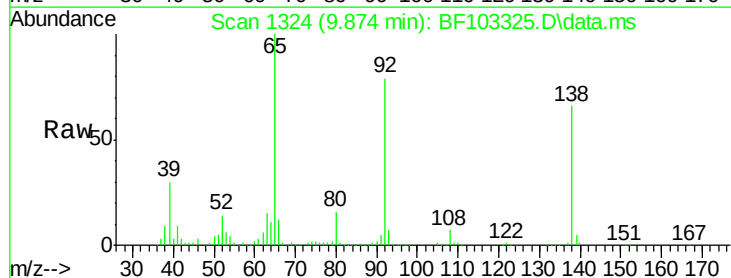
Tgt Ion:138 Resp: 154211

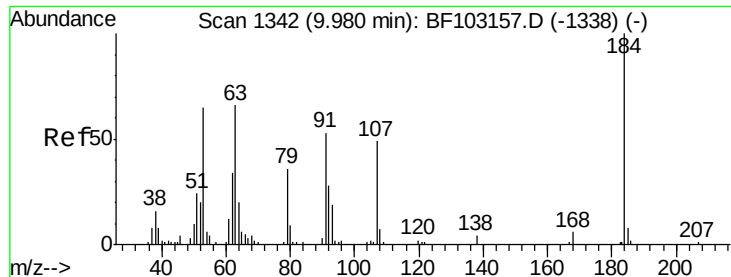
Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

92 120.6 89.4 134.2

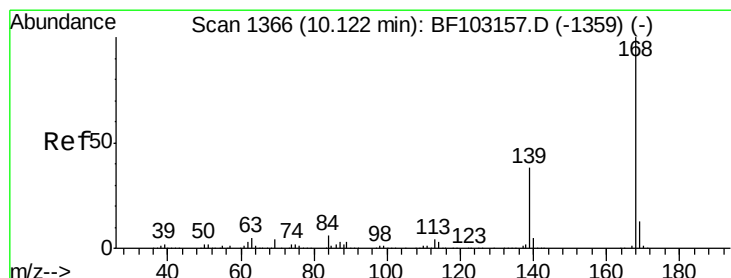
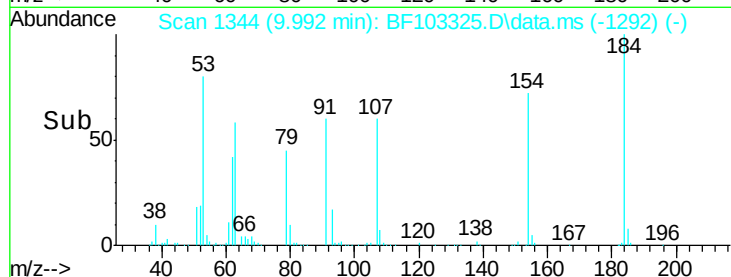
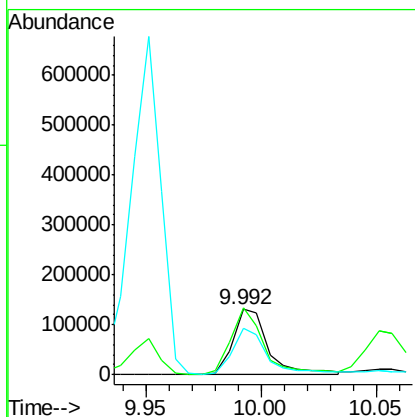
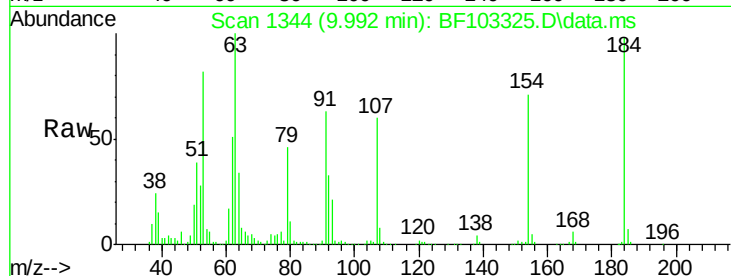




#53
 2,4-Dinitrophenol
 Concen: 92.39 ng
 RT: 9.992 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

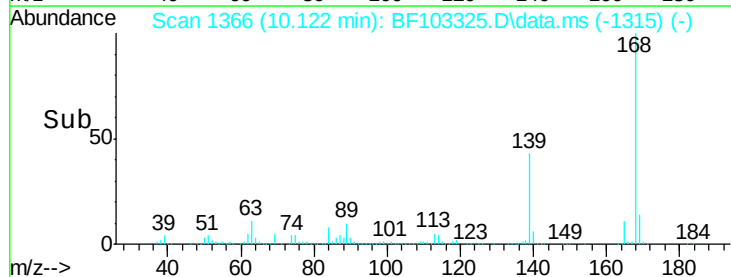
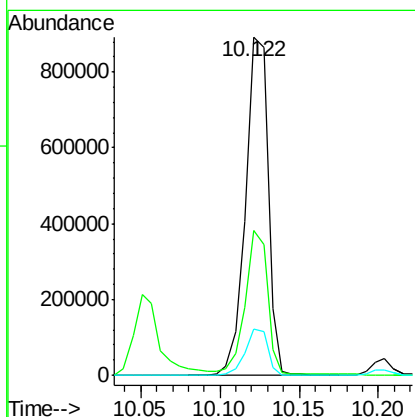
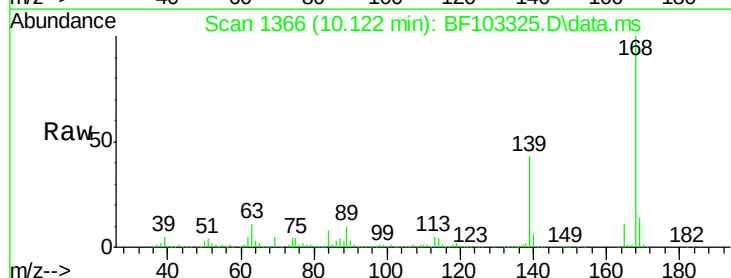
Instrument :
 BNA_F
 ClientSampleId :

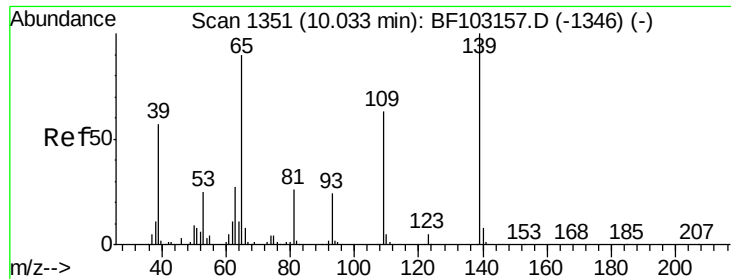
Tot Ion:184 Resp: 138854
 Ion Ratio Lower Upper
 184 100
 63 102.0 54.2 81.2#
 154 72.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 44.61 ng
 RT: 10.122 min Scan# 1366
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion:168 Resp: 883905
 Ion Ratio Lower Upper
 168 100
 139 42.9 30.1 45.1
 169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 76.76 ng

RT: 10.051 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

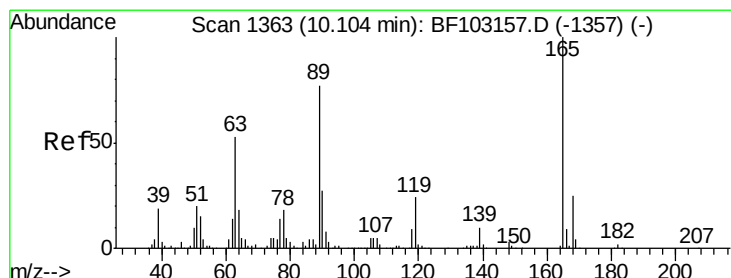
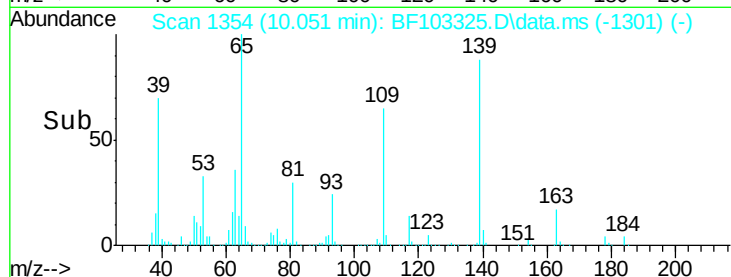
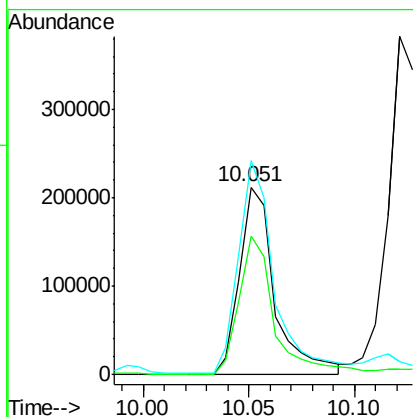
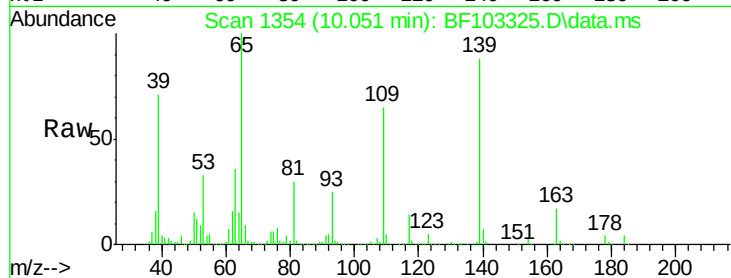
Tot Ion:139 Resp: 246600

Ion Ratio Lower Upper

139 100

109 74.3 48.4 88.4

65 114.2 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 43.86 ng

RT: 10.116 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Tgt Ion:165 Resp: 226648

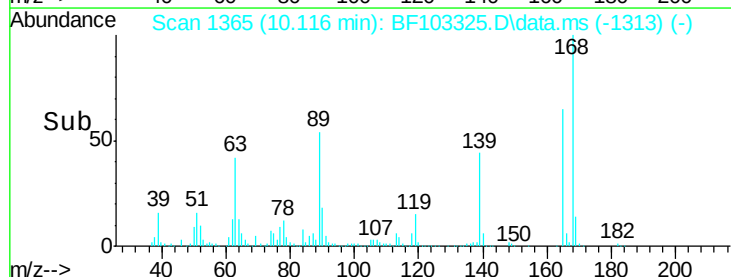
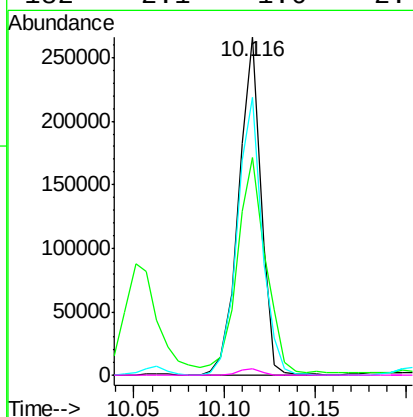
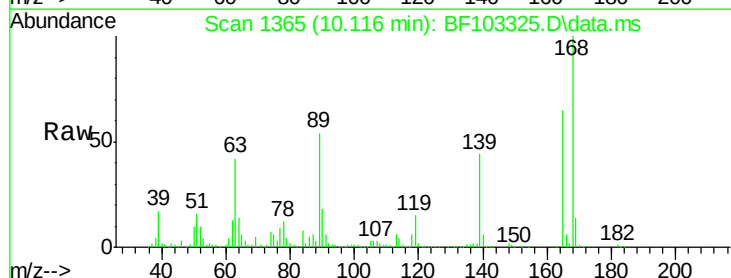
Ion Ratio Lower Upper

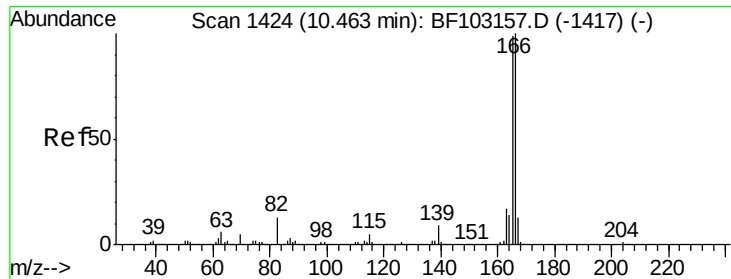
165 100

63 64.6 36.4 54.6#

89 82.2 57.8 86.6

182 2.1 1.6 2.4

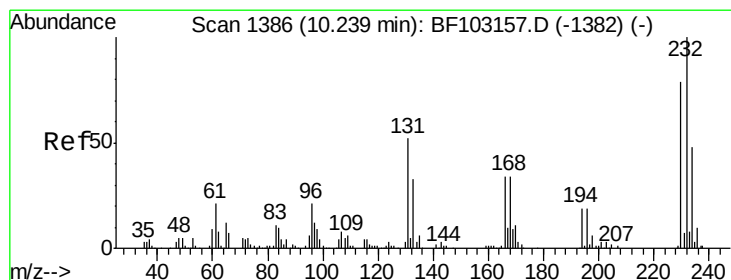
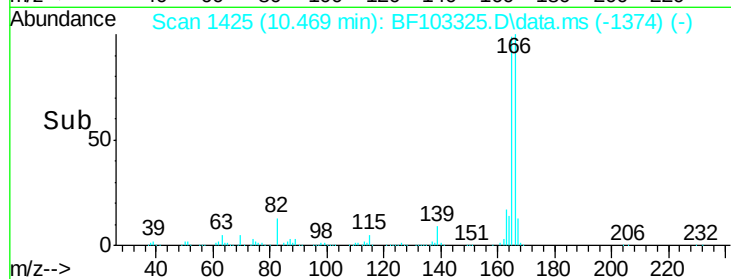
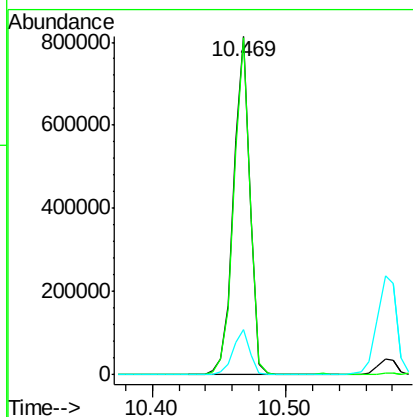
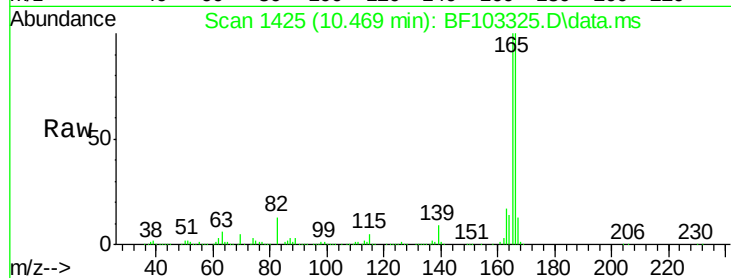




#57
 Fluorene
 Concen: 41.77 ng
 RT: 10.469 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

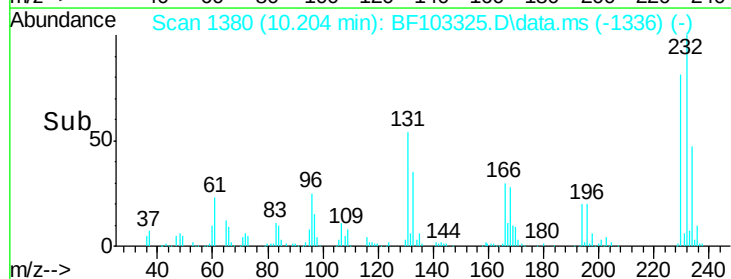
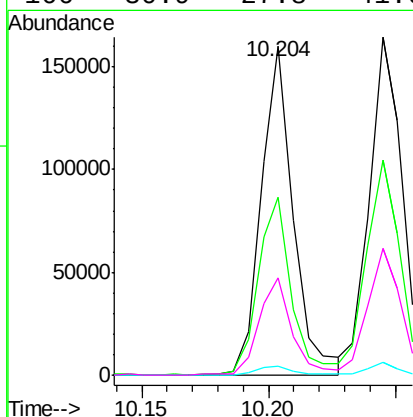
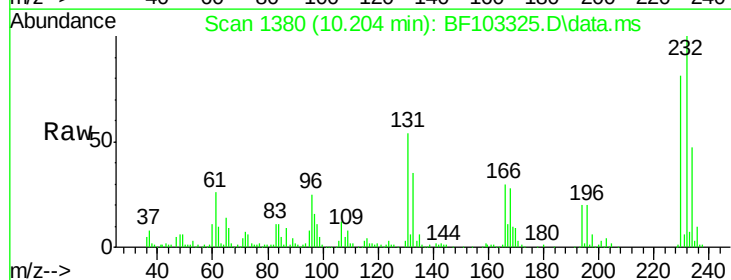
Instrument :
 BNA_F
 ClientSampleId :

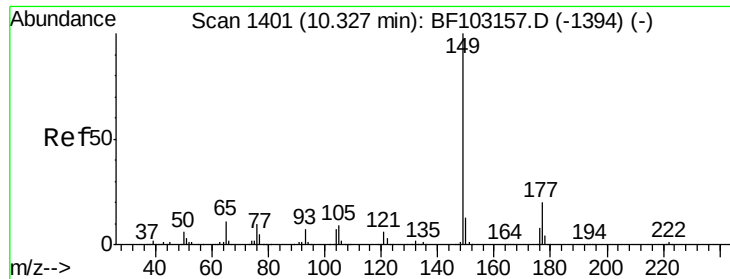
Tot Ion:166 Resp: 705090
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.92 ng
 RT: 10.204 min Scan# 1380
 Delta R.T. -0.041 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion:232 Resp: 141138
 Ion Ratio Lower Upper
 232 100
 131 55.4 43.8 65.8
 130 3.1 2.1 3.1
 166 30.9 27.8 41.6





#59

Diethylphthalate

Concen: 43.85 ng

RT: 10.333 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF103325.D

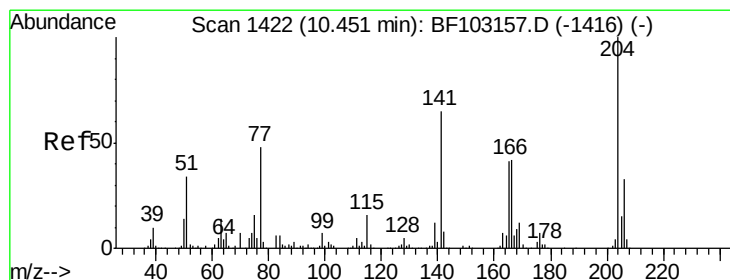
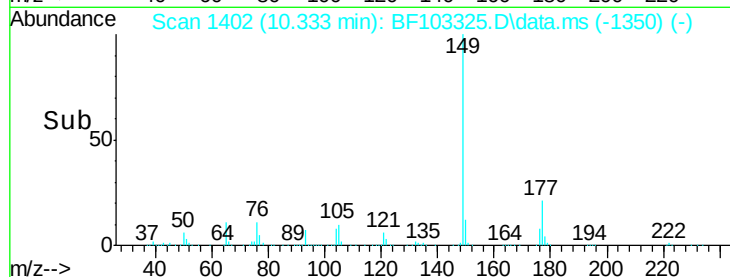
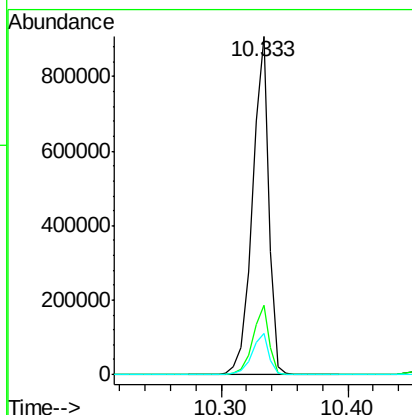
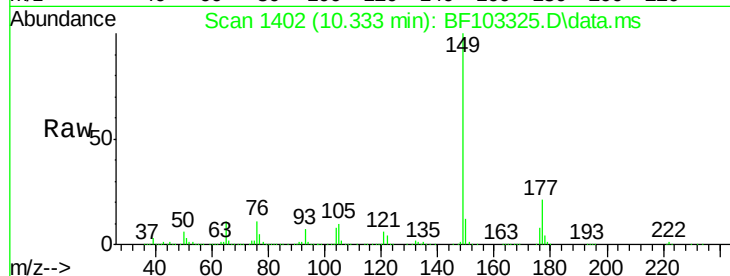
Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	816596
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.1	24.1
150	12.2	10.1	15.1



#60

4-Chlorophenyl-phenylether

Concen: 44.11 ng

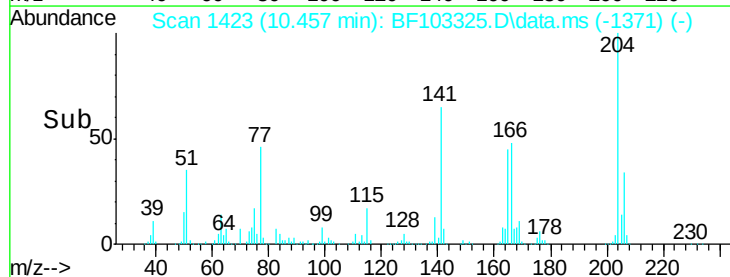
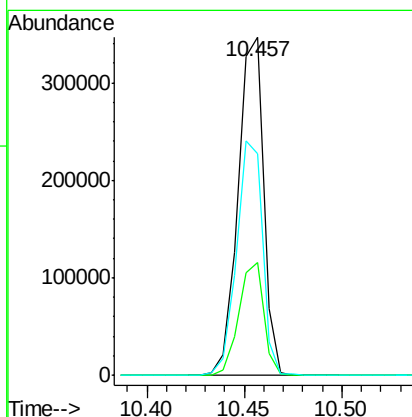
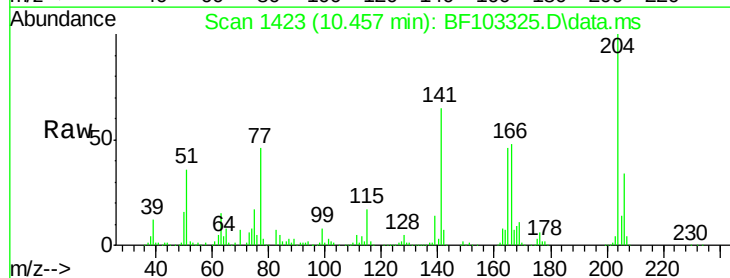
RT: 10.457 min Scan# 1423

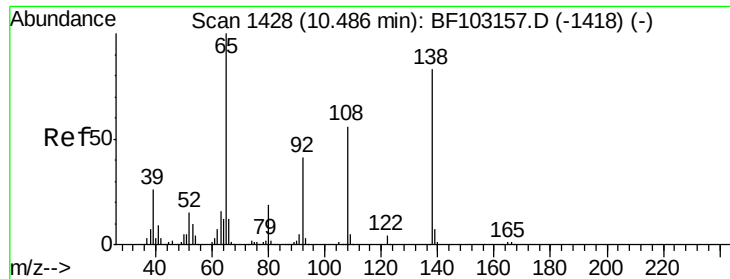
Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Tgt Ion:	204	Resp:	315735
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	65.4	54.6	81.8

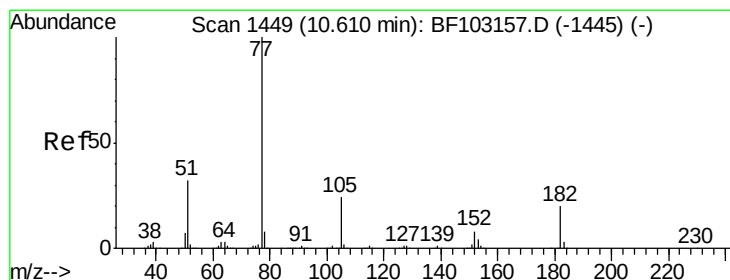
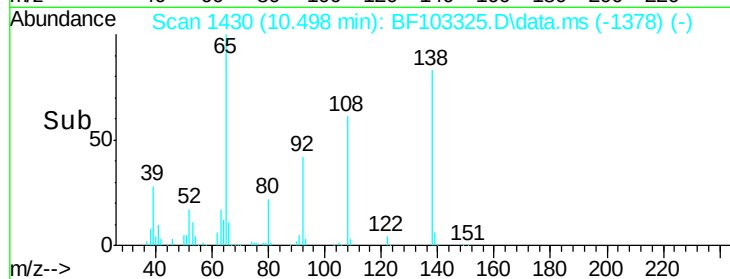
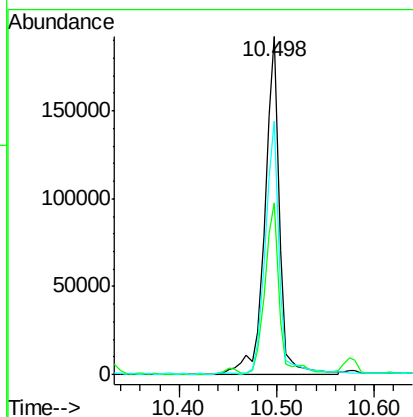
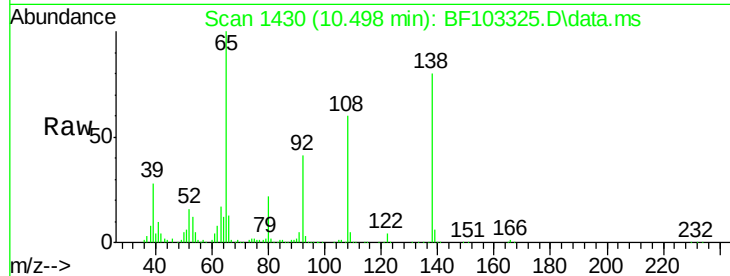




#61
4-Nitroaniline
Concen: 40.08 ng
RT: 10.498 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

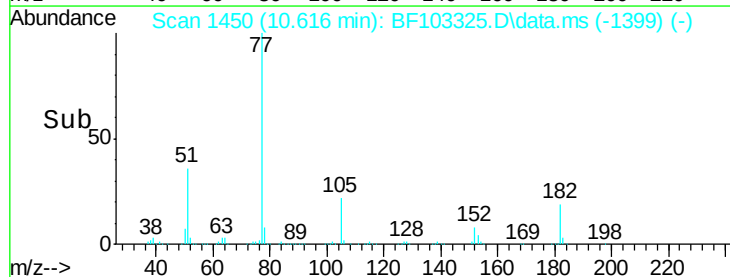
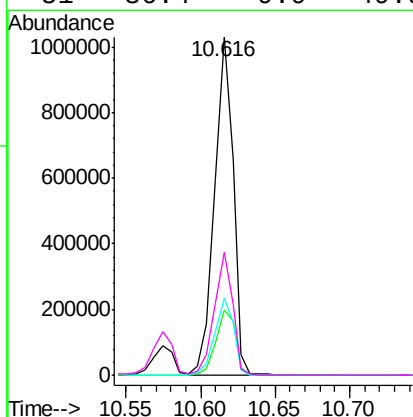
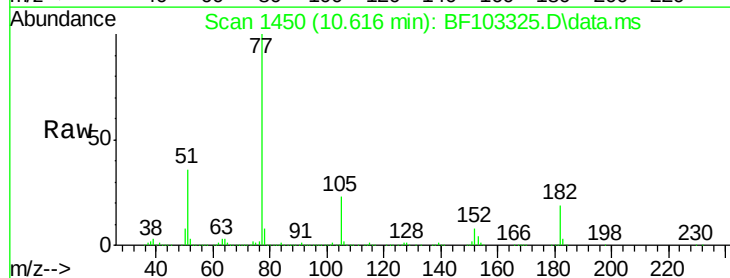
Instrument :
BNA_F
ClientSampleId :

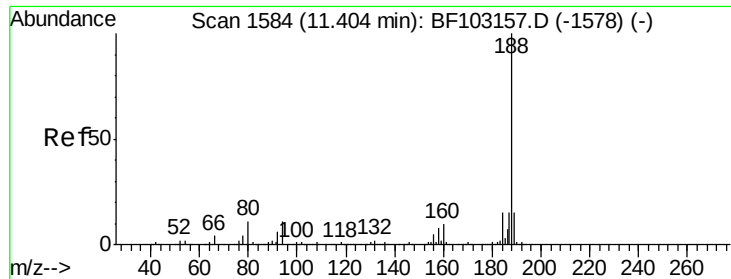
Tot Ion:138 Resp: 207515
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 75.0 52.5 92.5



#62
Azobenzene
Concen: 47.19 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion: 77 Resp: 894425
Ion Ratio Lower Upper
77 100
182 19.3 1.7 41.7
105 22.9 3.0 43.0
51 36.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.410 min Scan# 15

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

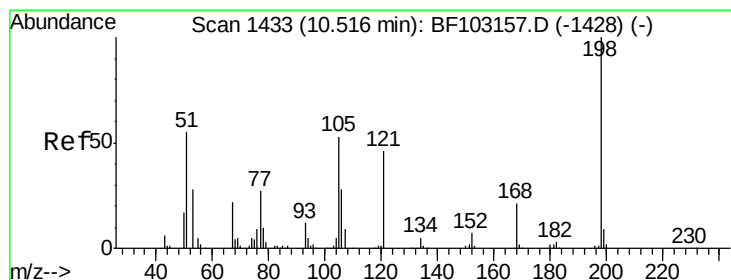
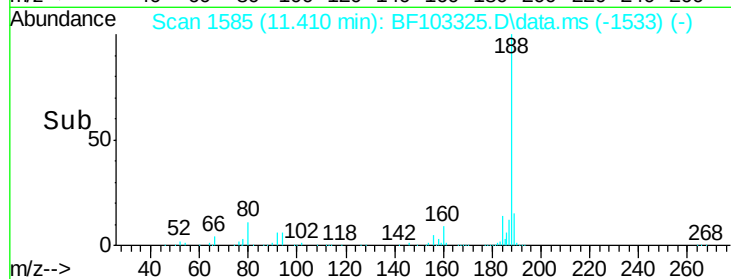
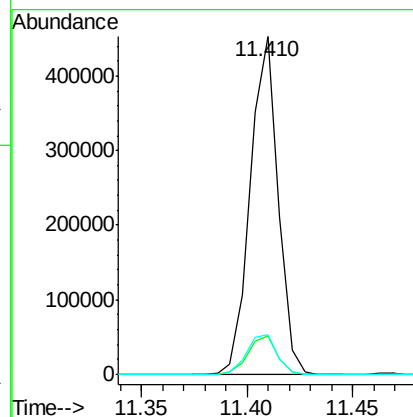
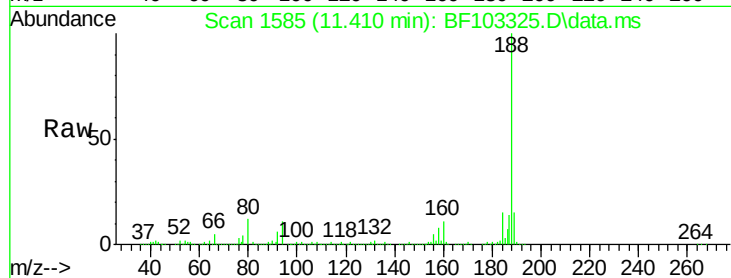
Tot Ion:188 Resp: 416029

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

80 12.0 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 41.49 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

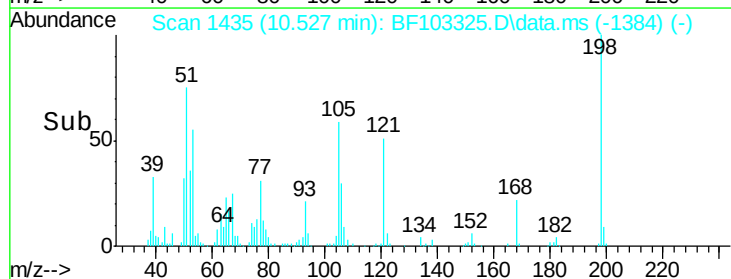
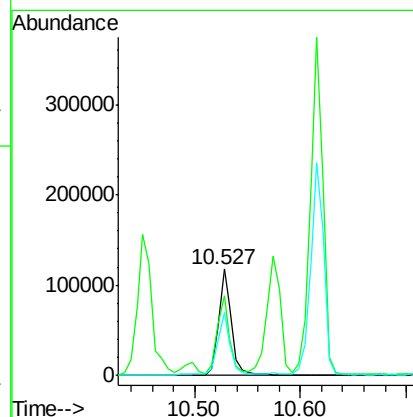
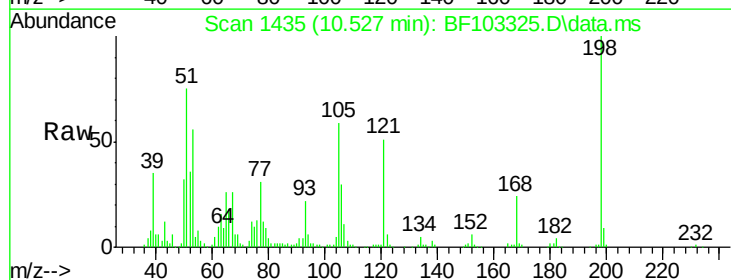
Tgt Ion:198 Resp: 103136

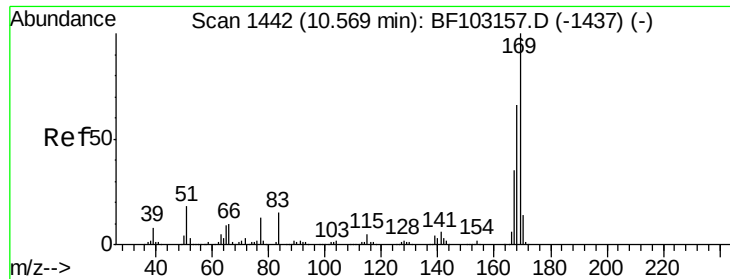
Ion Ratio Lower Upper

198 100

51 75.3 37.7 77.7

105 59.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 42.91 ng

RT: 10.574 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

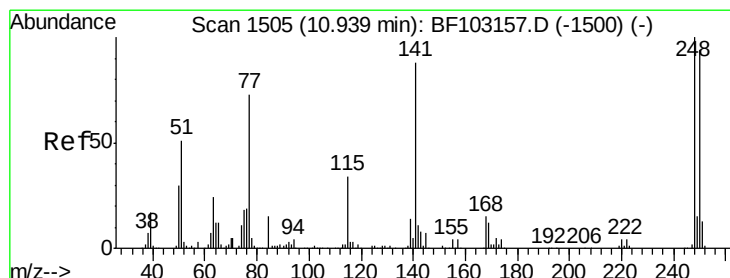
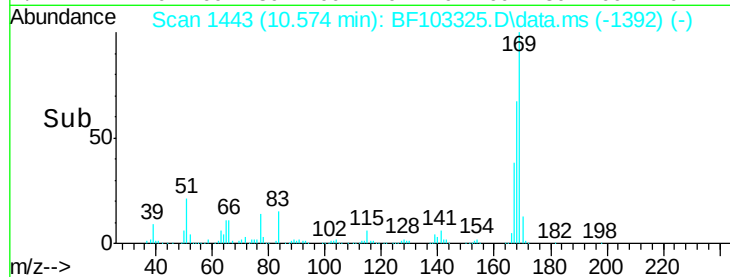
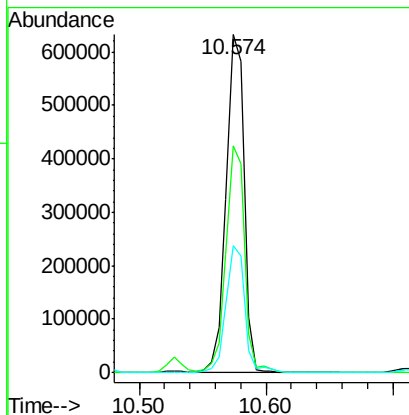
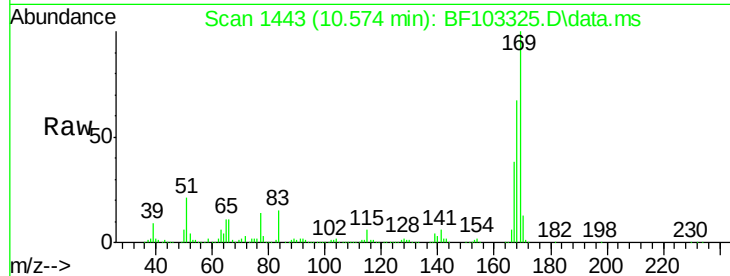
Tot Ion:169 Resp: 621512

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

167 37.6 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 43.32 ng

RT: 10.945 min Scan# 1506

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

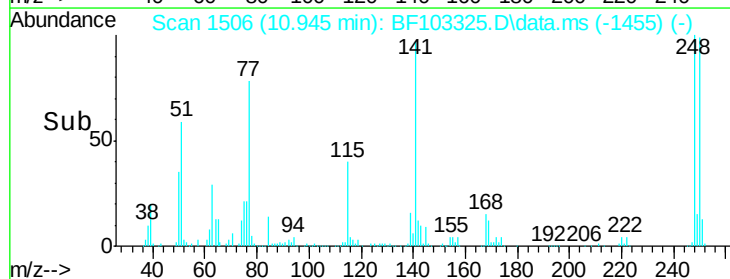
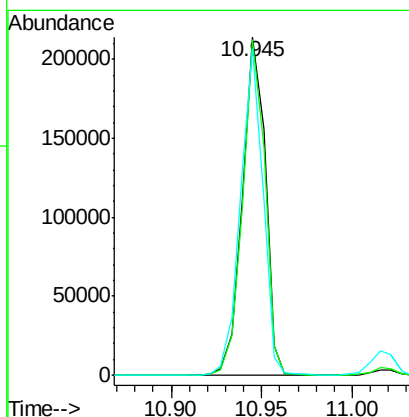
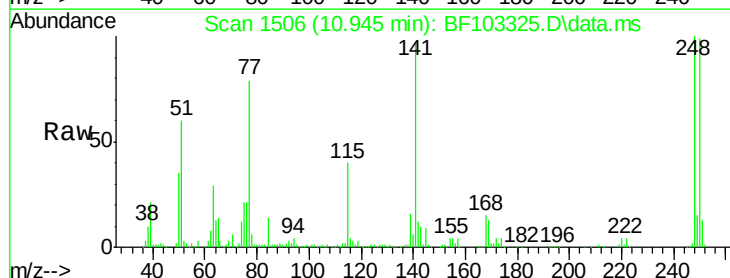
Tgt Ion:248 Resp: 187724

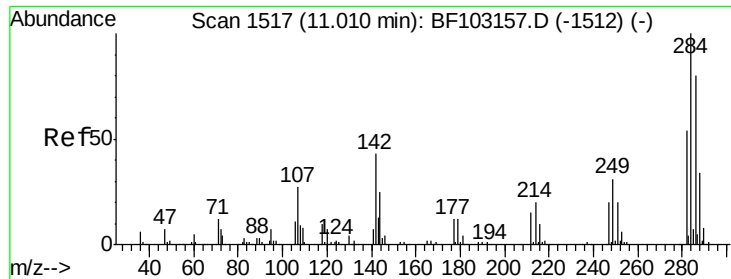
Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

141 96.7 74.4 111.6





#67

Hexachlorobenzene

Concen: 41.98 ng

RT: 11.021 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

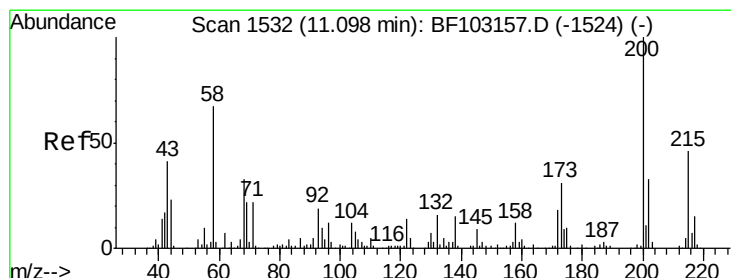
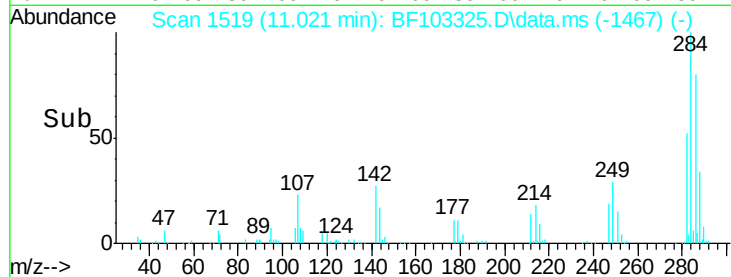
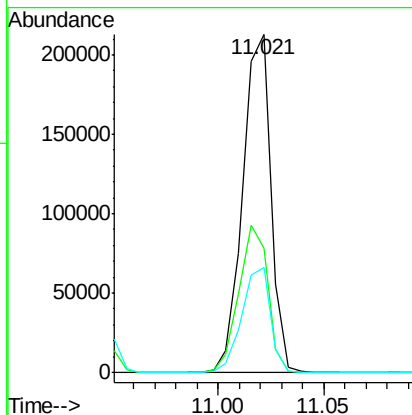
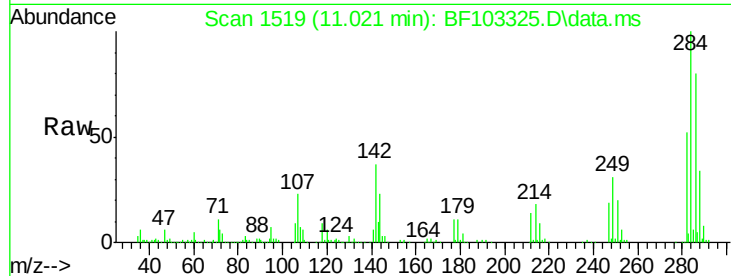
Tot Ion:284 Resp: 197462

Ion Ratio Lower Upper

284 100

142 36.7 34.6 52.0

249 31.3 24.8 37.2



#68

Atrazine

Concen: 45.42 ng

RT: 11.104 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

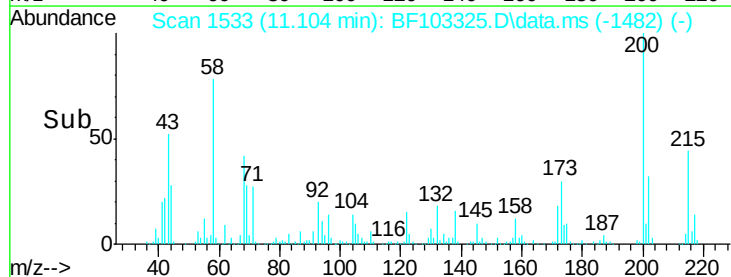
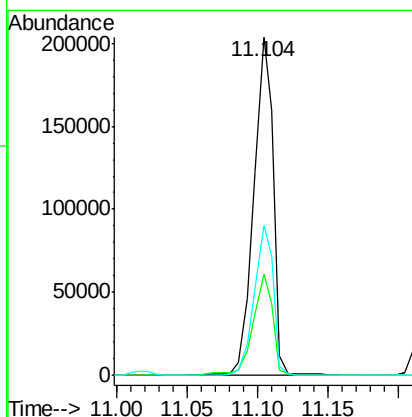
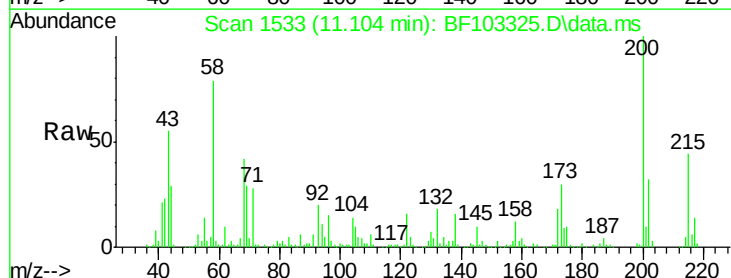
Tgt Ion:200 Resp: 197761

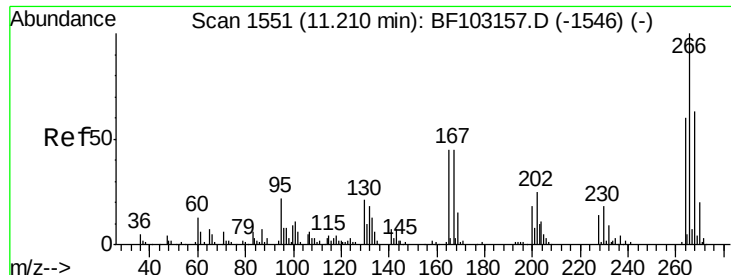
Ion Ratio Lower Upper

200 100

173 30.0 8.6 48.6

215 44.3 25.1 65.1

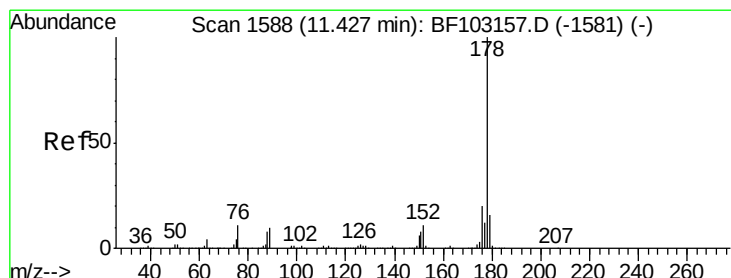
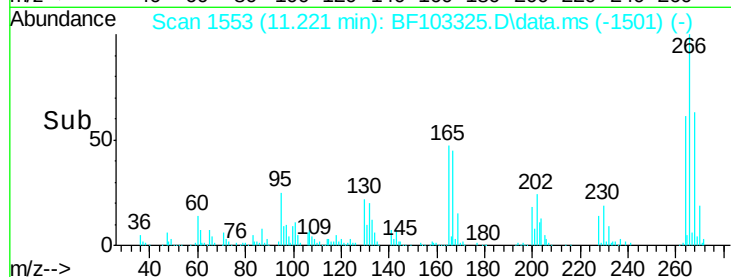
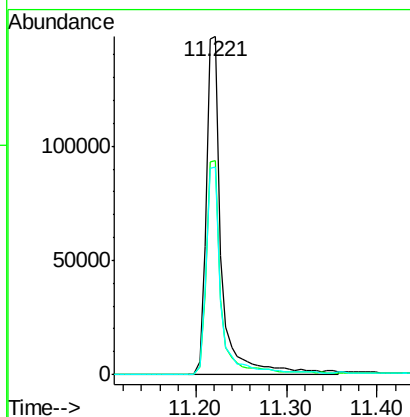
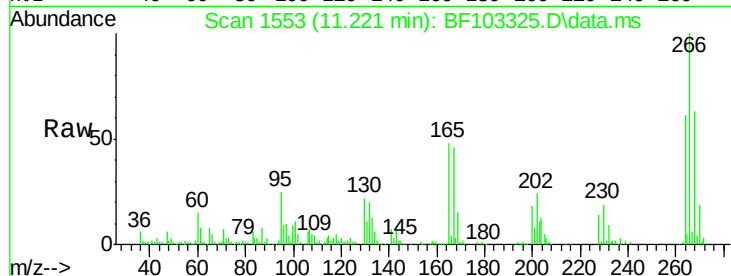




#69
 Pentachlorophenol
 Concen: 77.86 ng
 RT: 11.221 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

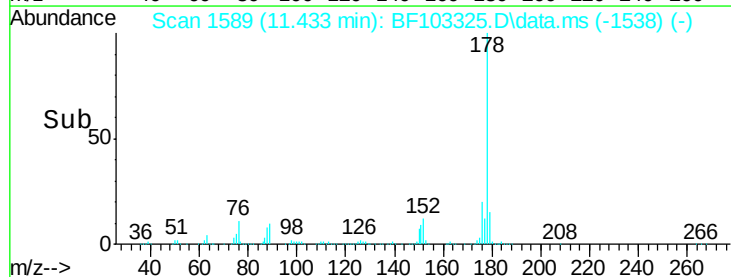
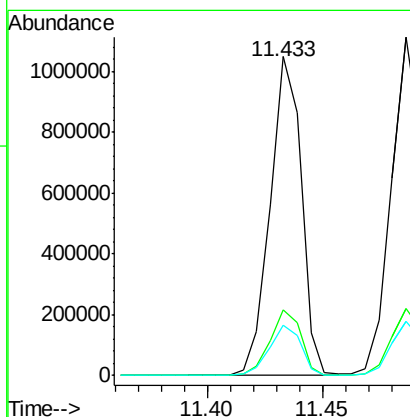
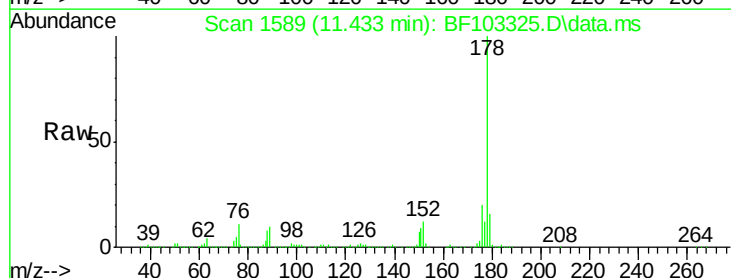
Instrument :
 BNA_F
 ClientSampleId :

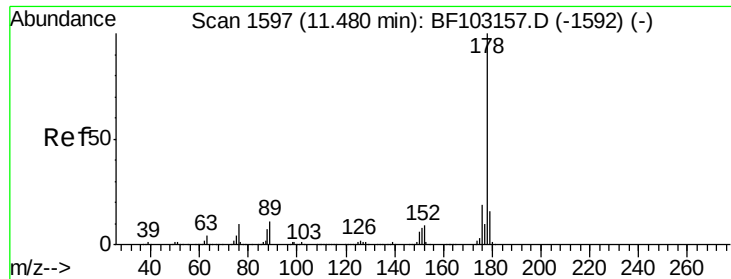
Tot Ion:266 Resp: 177085
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 61.3 49.5 74.3



#70
 Phenanthrene
 Concen: 43.09 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion:178 Resp: 986645
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 15.7 13.0 19.6

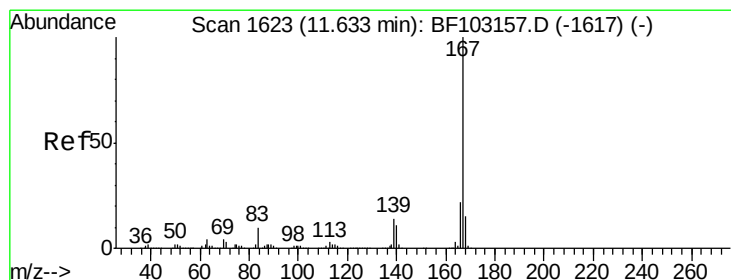
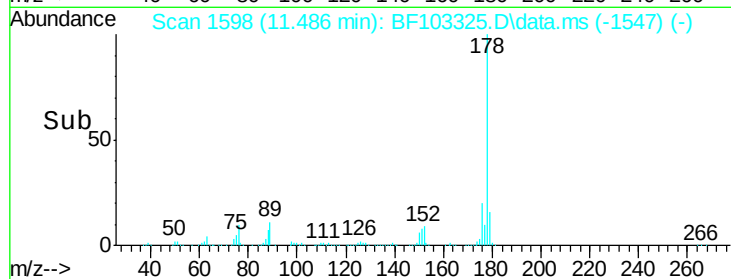
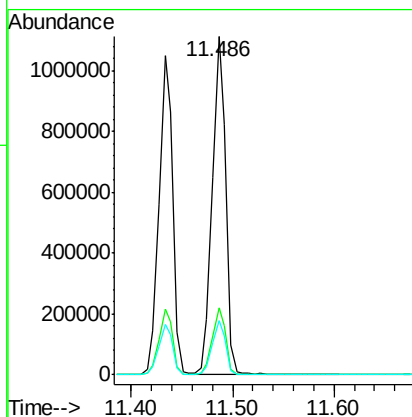
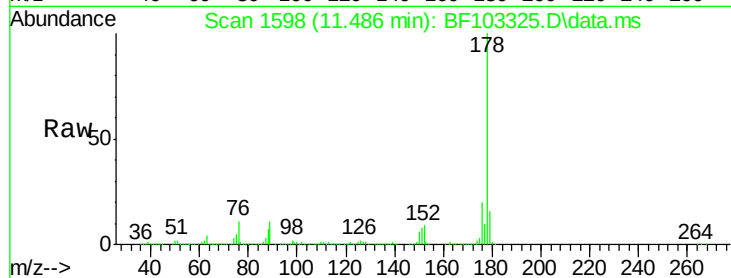




#71
 Anthracene
 Concen: 43.86 ng
 RT: 11.486 min Scan# 1597
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

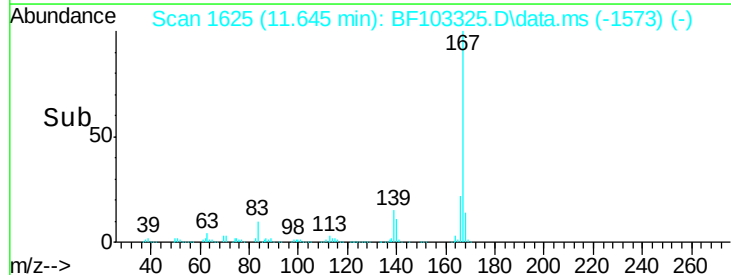
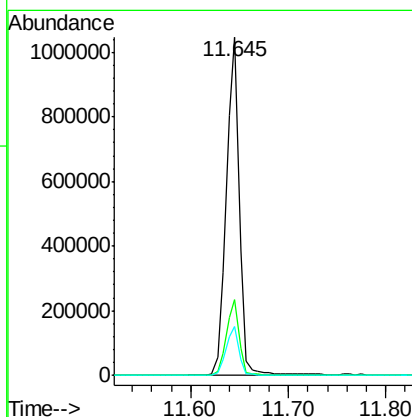
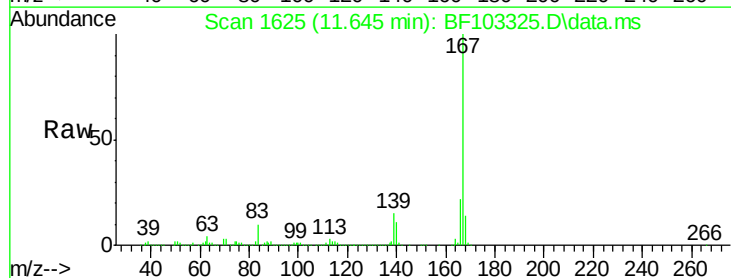
Instrument :
 BNA_F
 ClientSampleId :

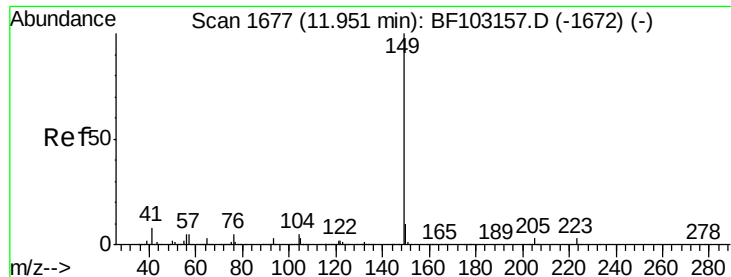
Tot Ion:178 Resp: 1029827
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 41.20 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. 0.006 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion:167 Resp: 963356
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.54 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

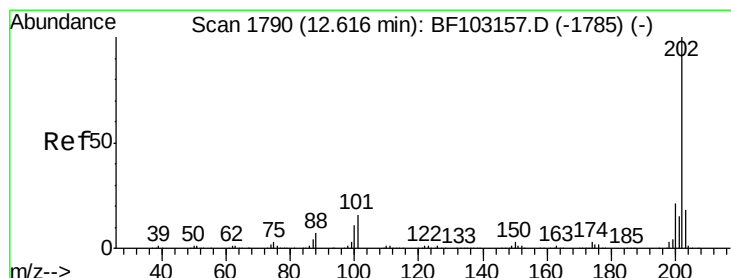
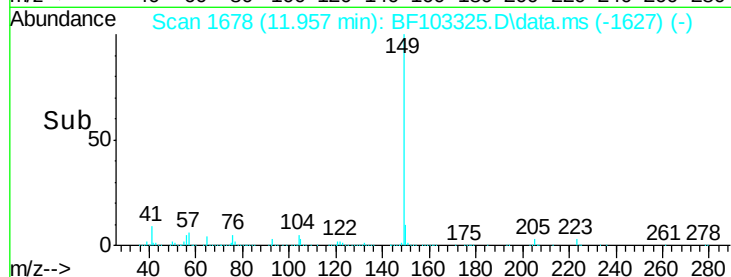
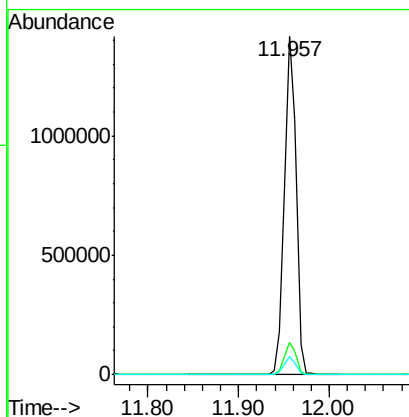
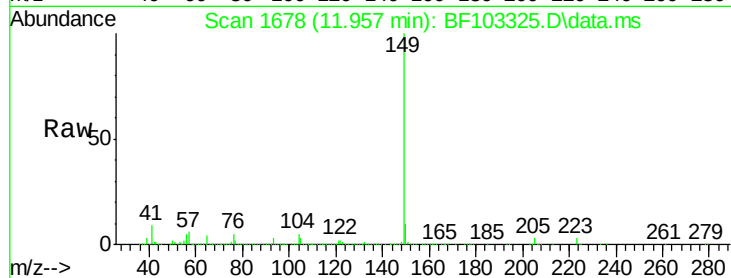
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1273747

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.4	3.8	5.8



#74

Fluoranthene

Concen: 43.27 ng

RT: 12.627 min Scan# 1792

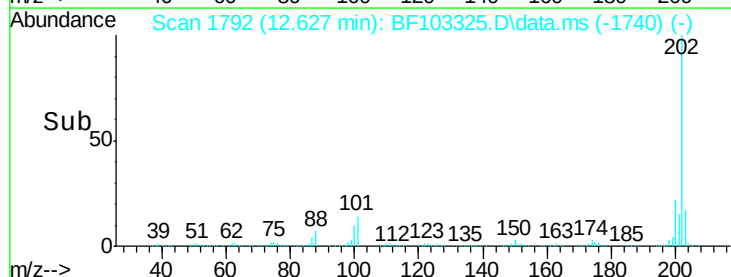
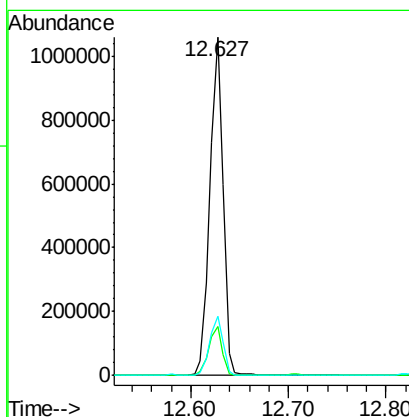
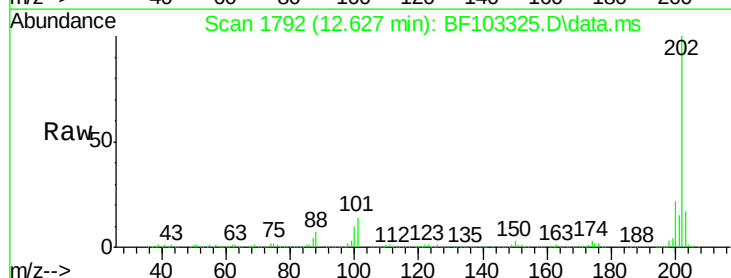
Delta R.T. 0.006 min

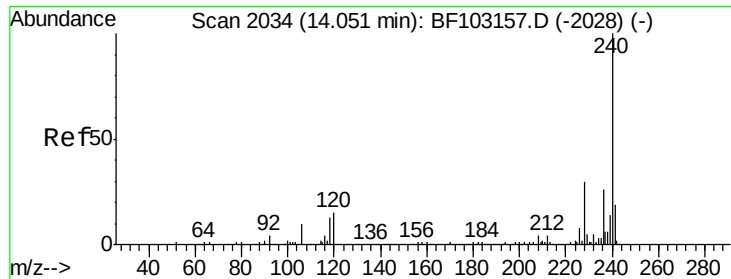
Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Tgt Ion:202 Resp: 995529

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

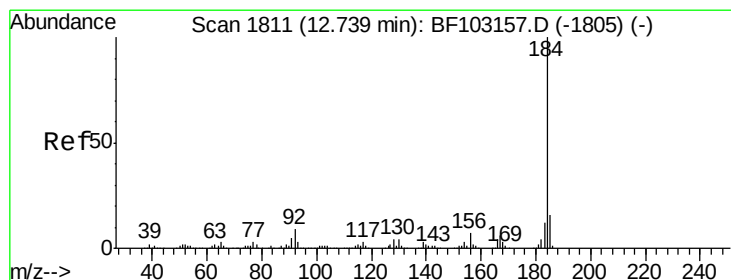
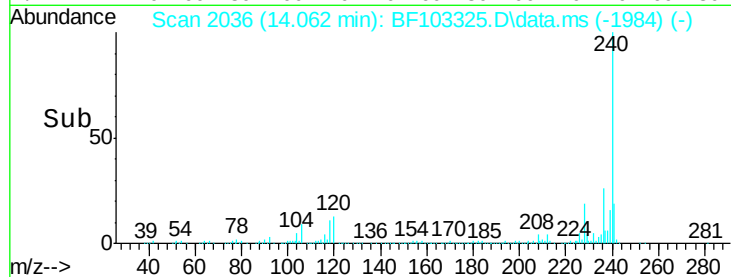
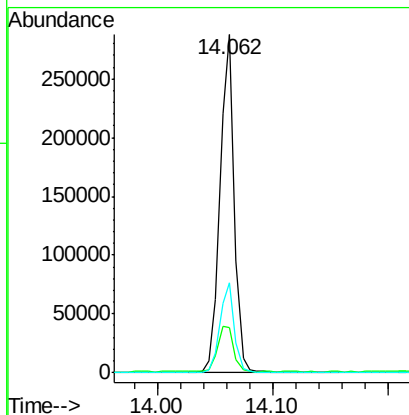
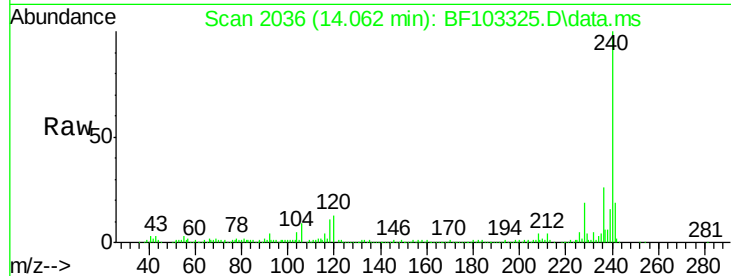
Tot Ion:240 Resp: 246123

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

236 26.4 20.7 31.1



#76

Benzidine

Concen: 18.18 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

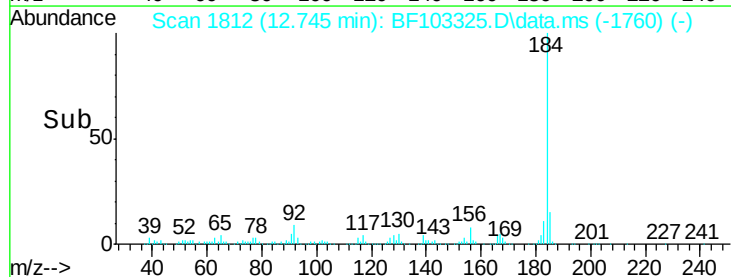
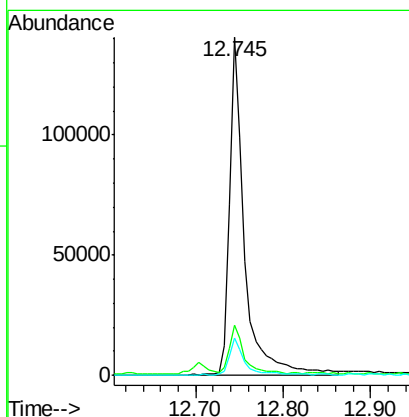
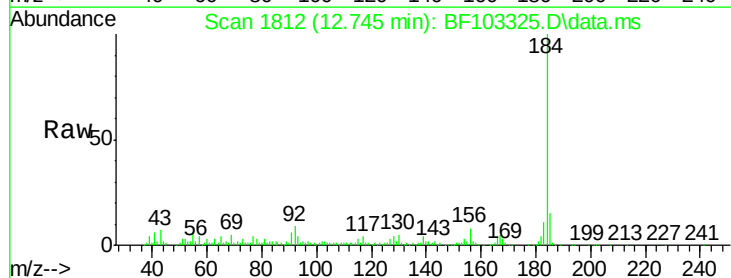
Tgt Ion:184 Resp: 167323

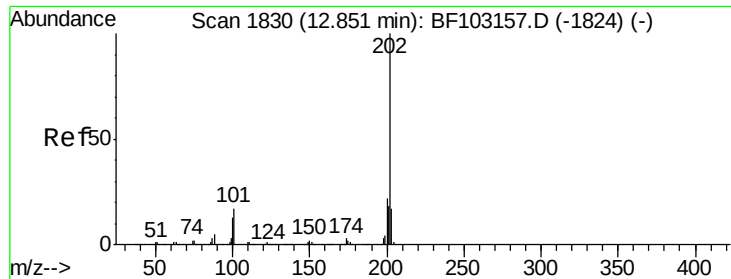
Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

183 10.9 9.3 13.9





#77

Pvrene

Concen: 47.89 ng

RT: 12.857 min Scan# 18

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

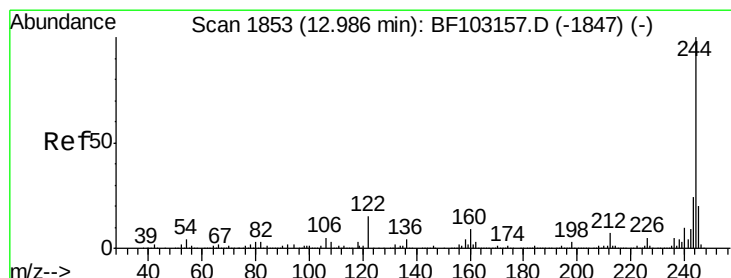
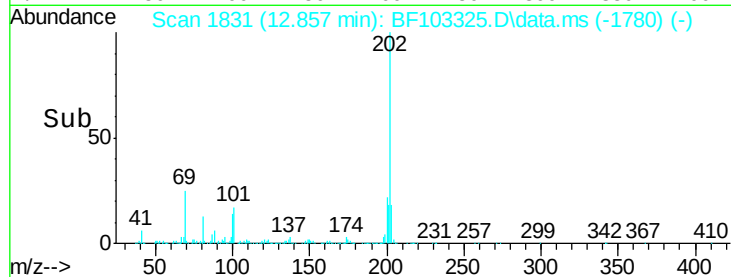
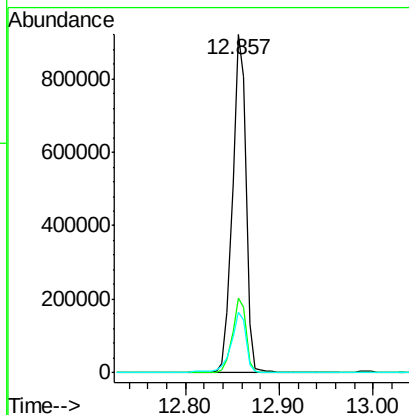
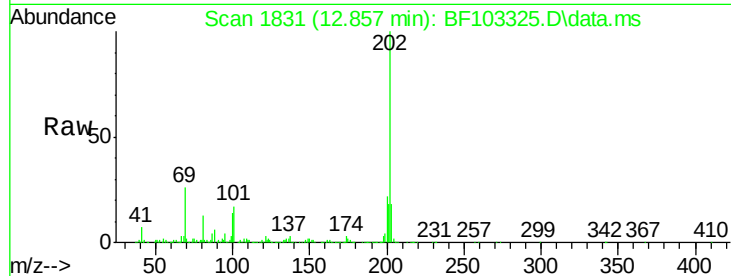
Tot Ion:202 Resp: 918912

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 18.0 14.3 21.5



#78

Terphenyl-d14

Concen: 102.60 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

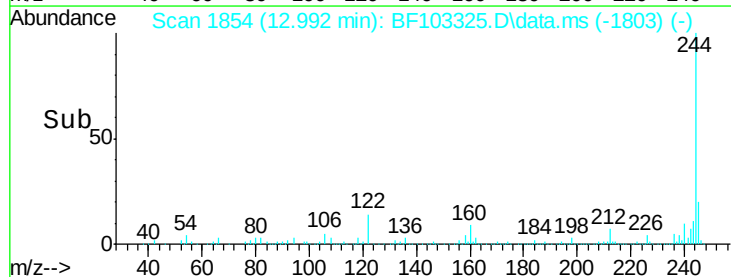
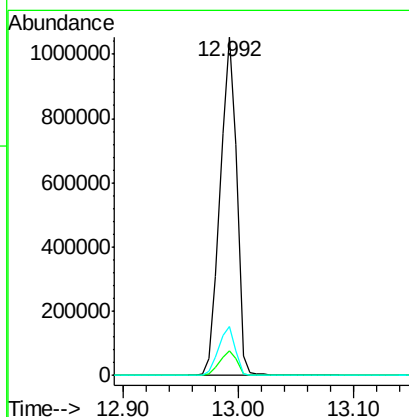
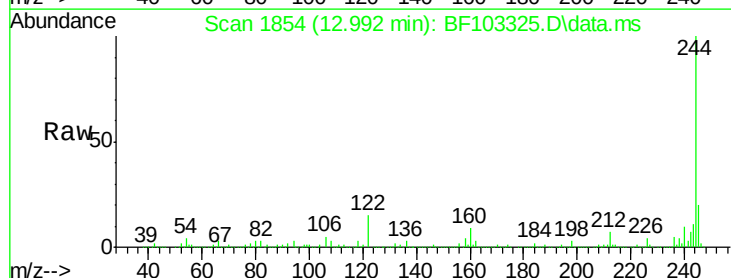
Tgt Ion:244 Resp: 1050516

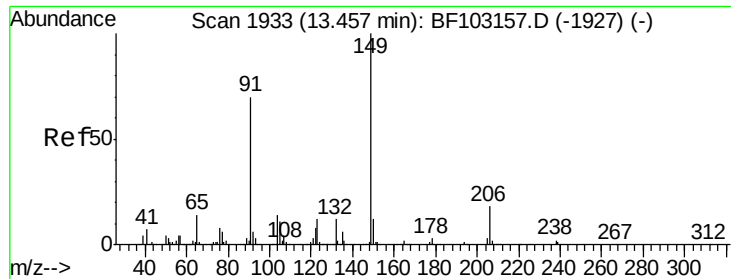
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 14.6 11.0 16.4

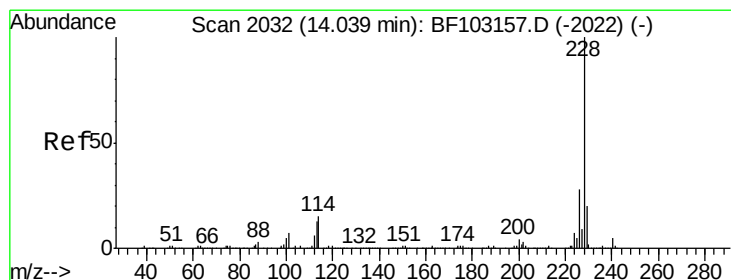
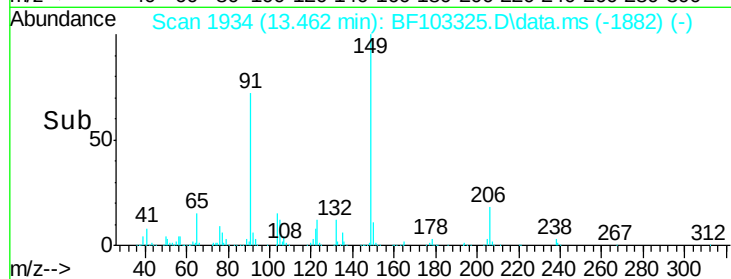
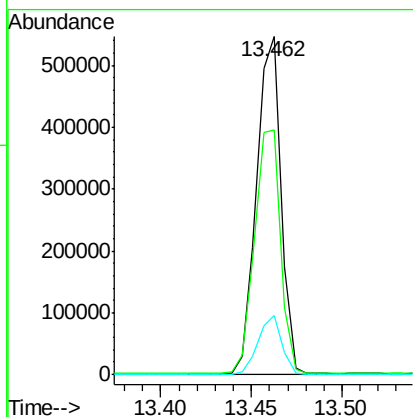
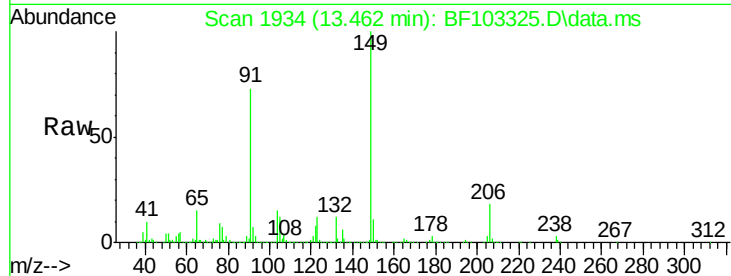




#79
Butylbenzylphthalate
Concen: 50.86 ng
RT: 13.462 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

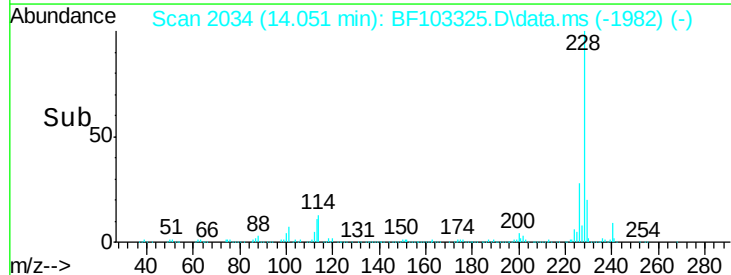
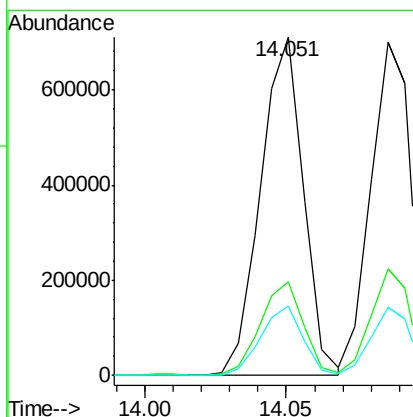
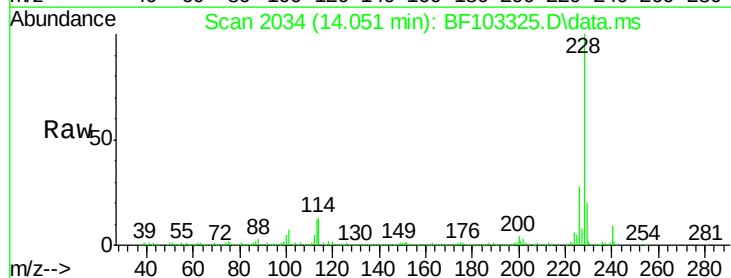
Instrument :
BNA_F
ClientSampleId :

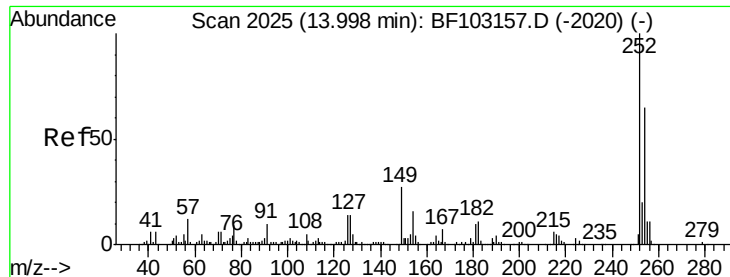
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.72 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.5	15.8	23.6

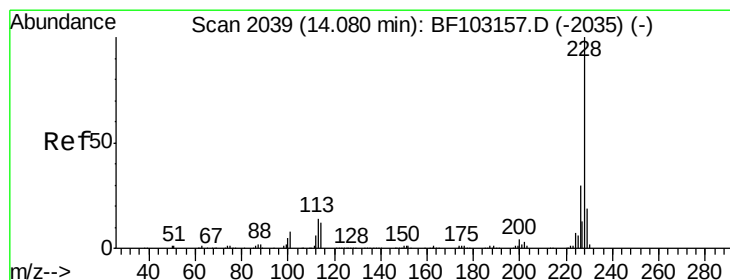
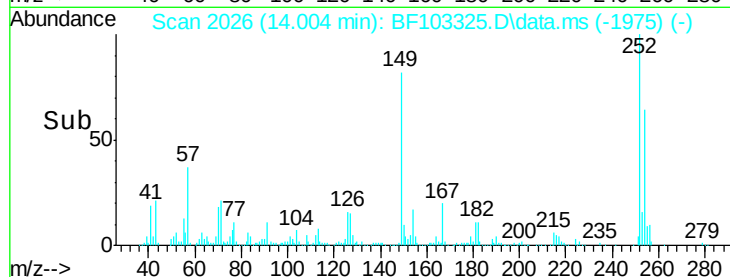
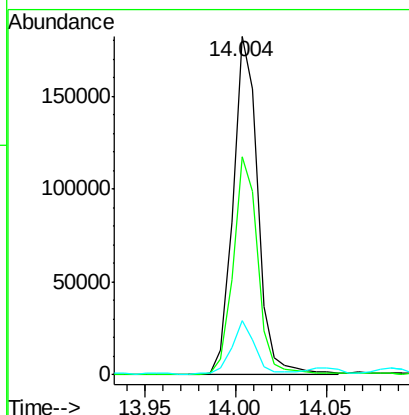
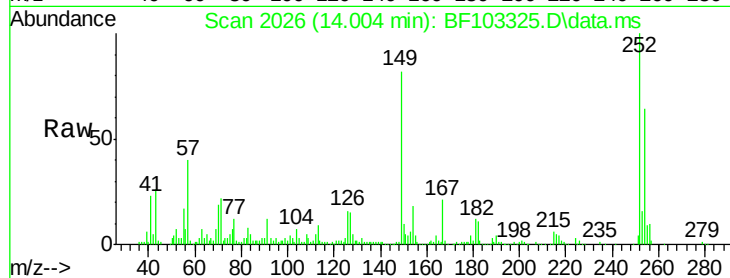




#81
 3,3'-Dichlorobenzidine
 Concen: 30.44 ng
 RT: 14.004 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

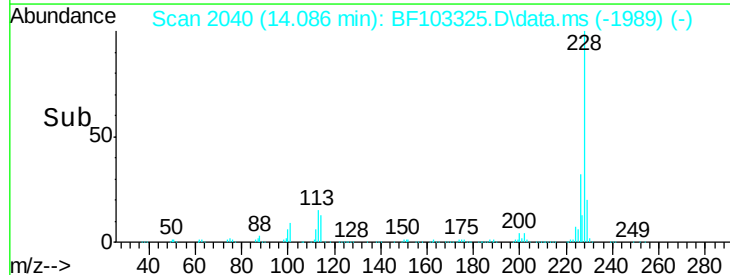
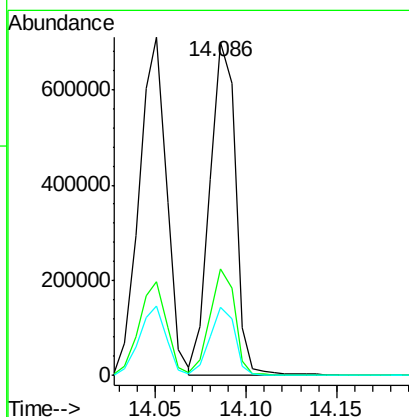
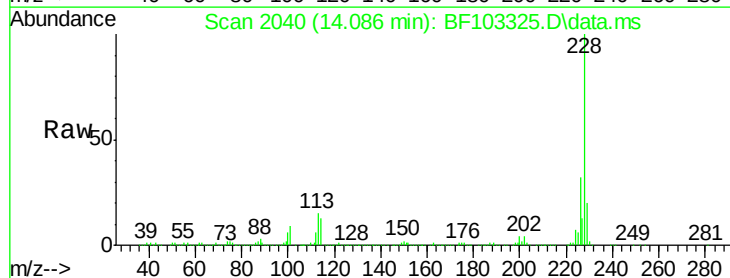
Instrument :
 BNA_F
 ClientSampleId :

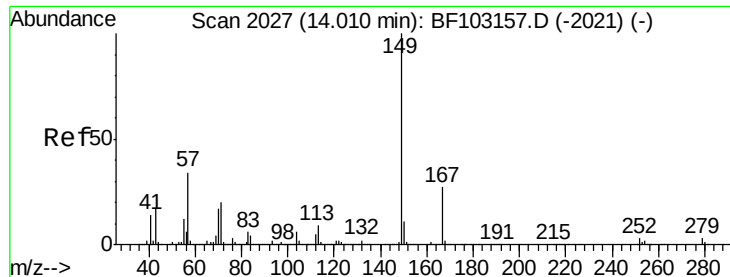
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	15.8	11.3	16.9



#82
 Chrysene
 Concen: 44.45 ng
 RT: 14.086 min Scan# 2040
 Delta R.T. -0.000 min
 Lab File: BF103325.D
 Acq: 1 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.52 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

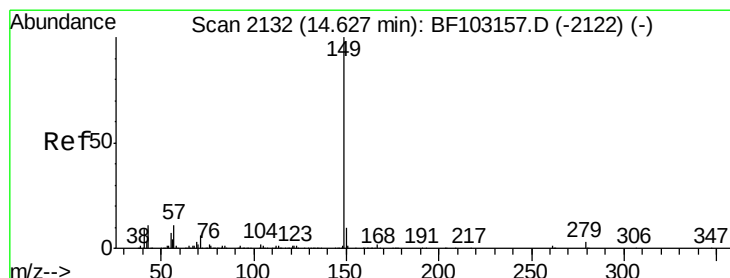
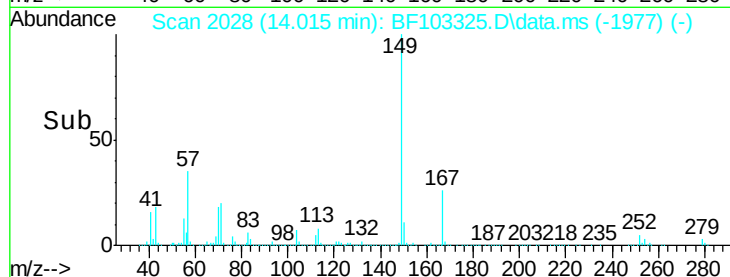
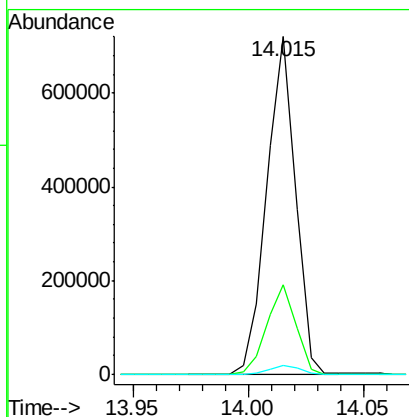
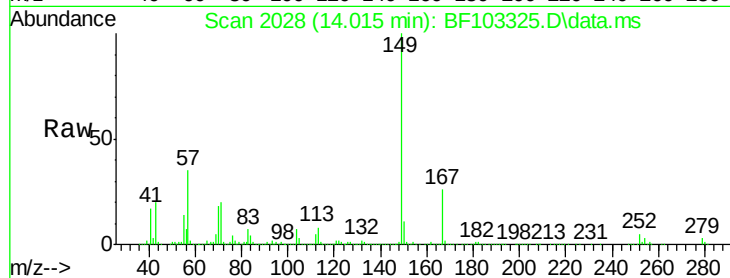
Tot Ion:149 Resp: 622789

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

279 2.8 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 42.66 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

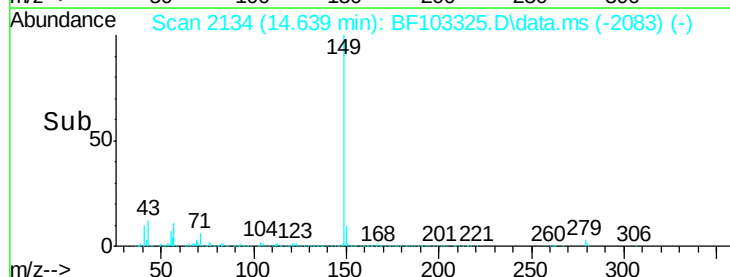
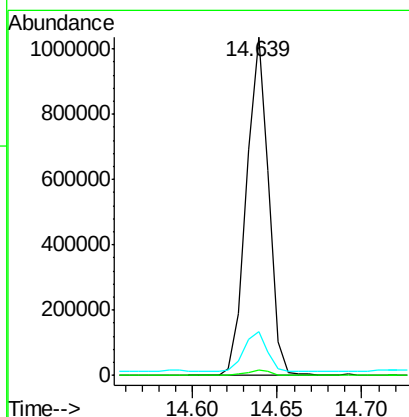
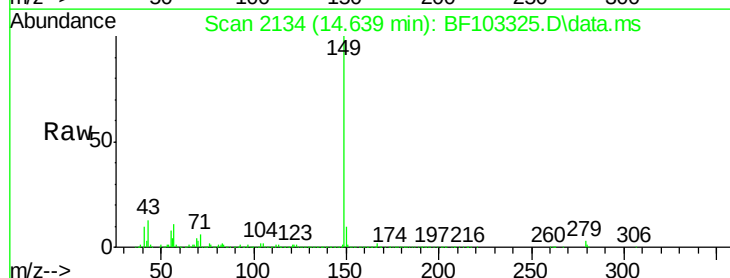
Tgt Ion:149 Resp: 943036

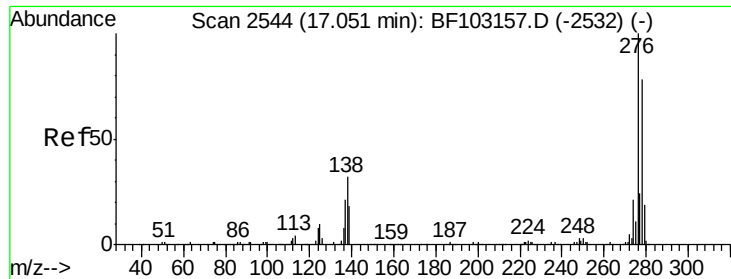
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 12.3 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.19 ng

RT: 17.098 min Scan# 25

Delta R.T. 0.012 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

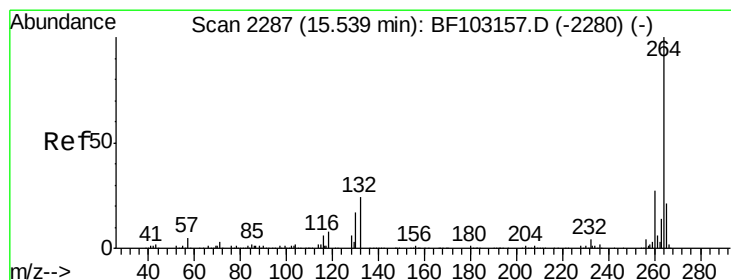
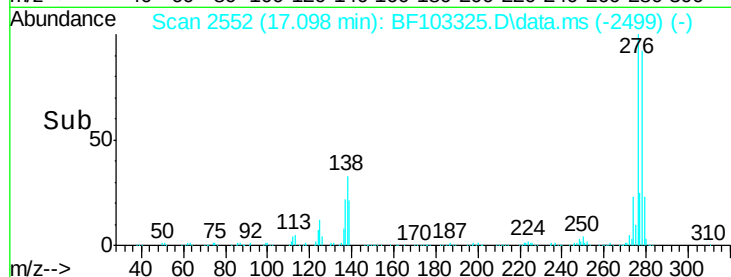
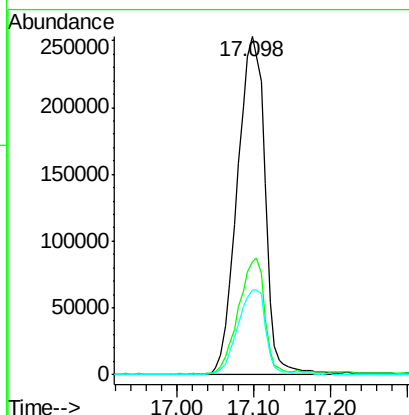
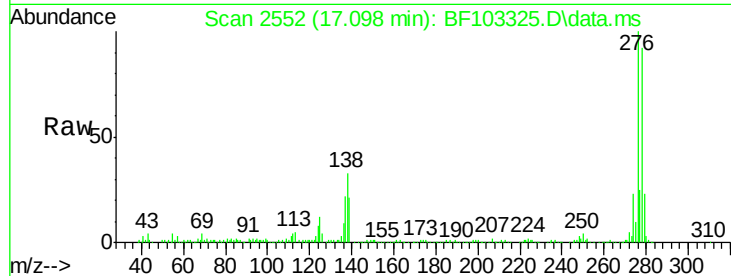
Tot Ion:276 Resp: 640687

Ion Ratio Lower Upper

276 100

138 32.7 25.0 37.6

277 25.4 20.1 30.1



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.562 min Scan# 2291

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

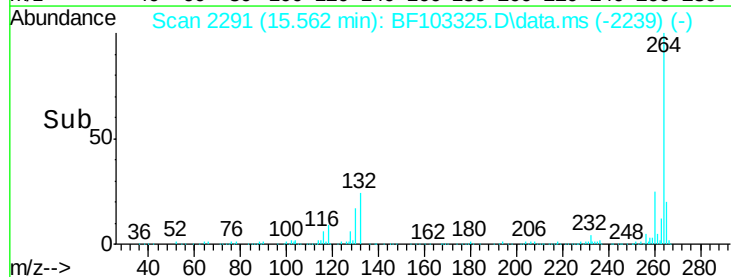
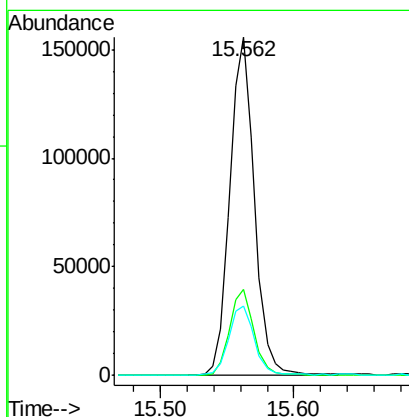
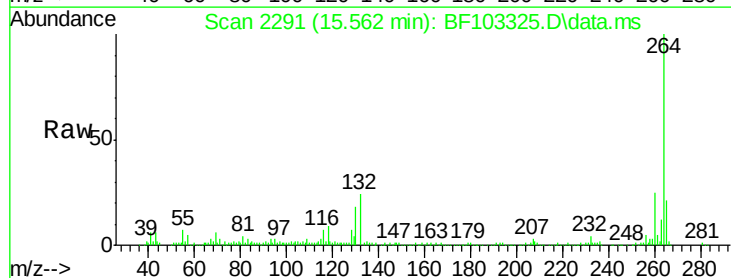
Tgt Ion:264 Resp: 201687

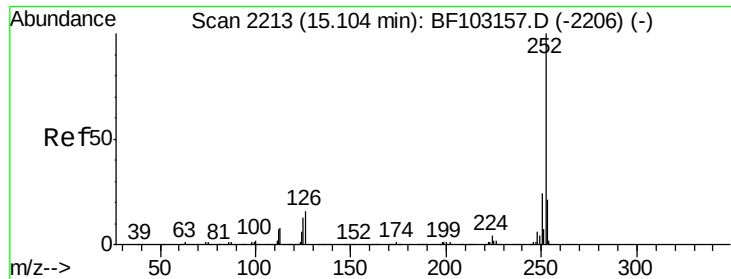
Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 20.6 17.5 26.3

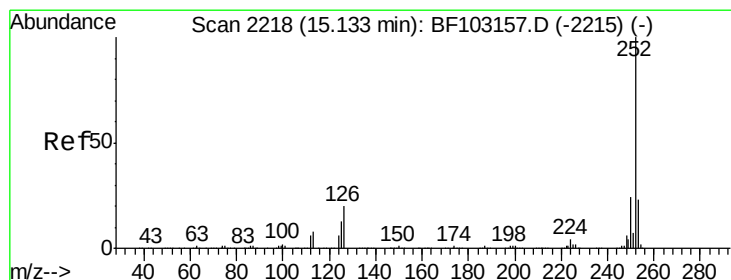
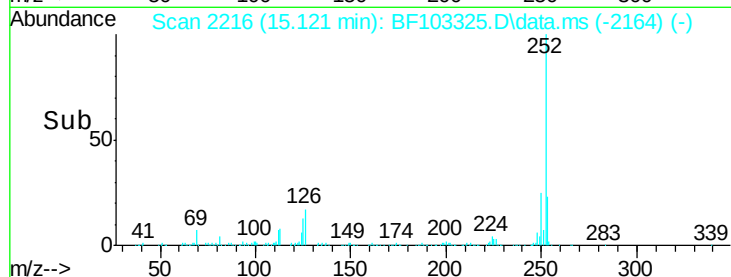
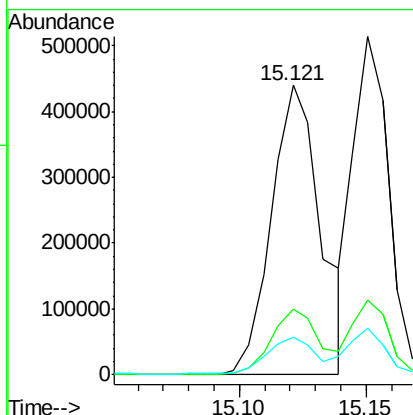
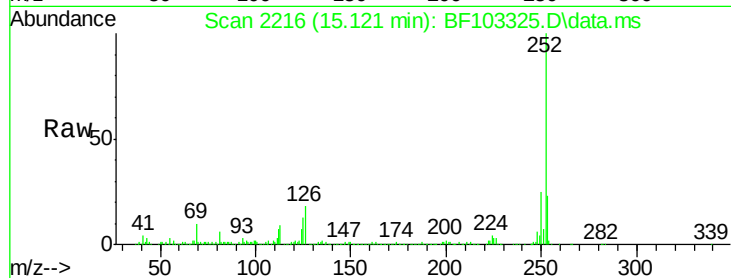




#87
Benzo(b)fluoranthene
Concen: 45.04 ng
RT: 15.121 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

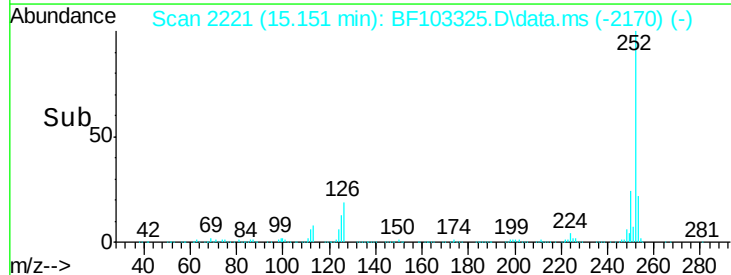
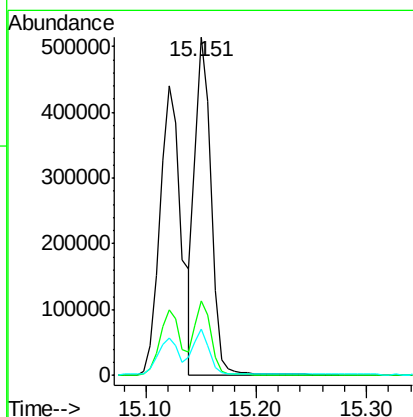
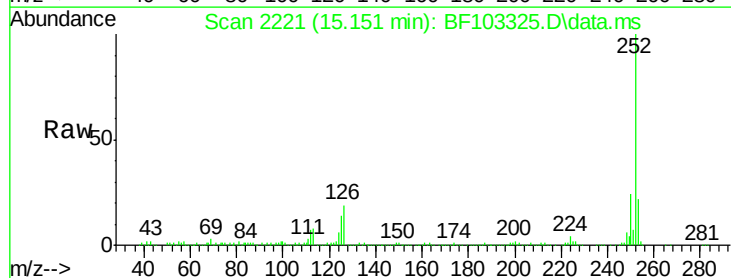
Instrument :
BNA_F
ClientSampleId :

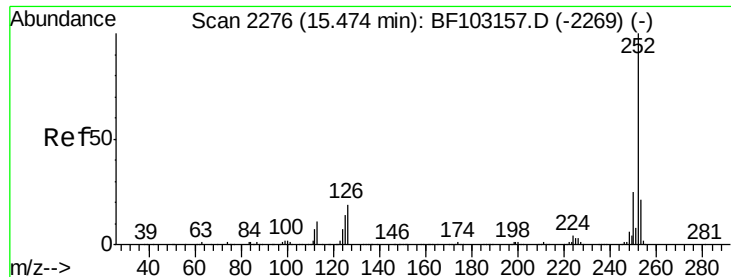
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.9	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 41.14 ng
RT: 15.151 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF103325.D
Acq: 1 Mar 2018 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 46.62 ng

RT: 15.504 min Scan# 22

Delta R.T. 0.006 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :

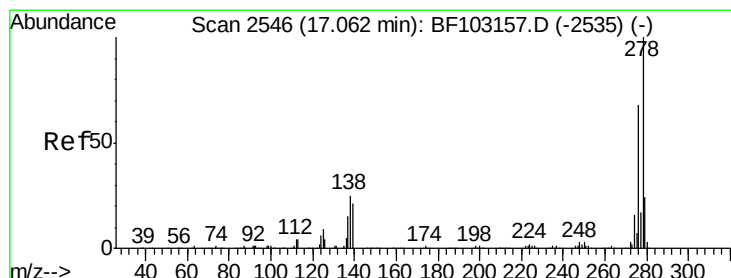
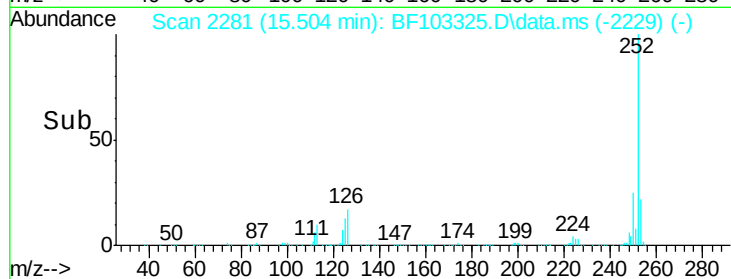
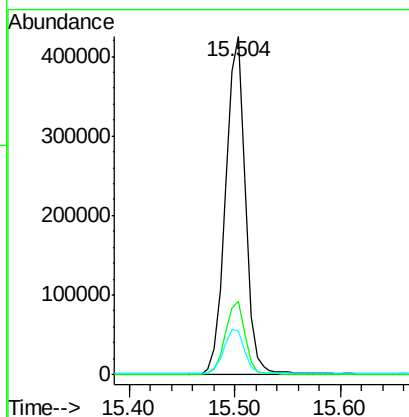
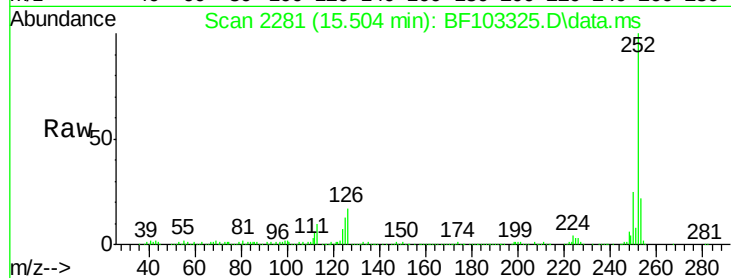
Tot Ion:252 Resp: 552039

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 13.1 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 58.12 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.018 min

Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

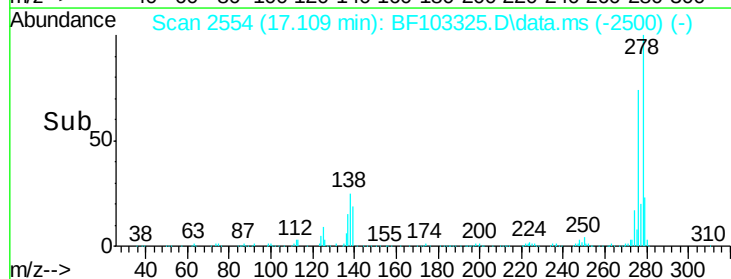
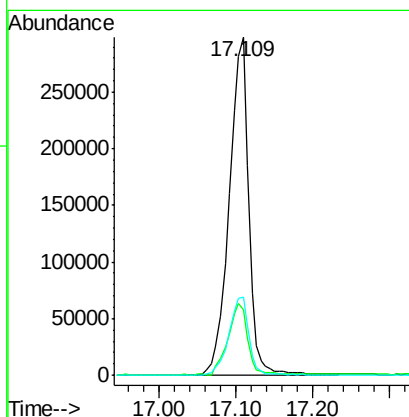
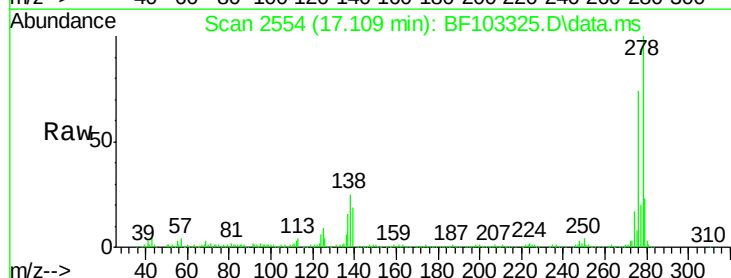
Tgt Ion:278 Resp: 531864

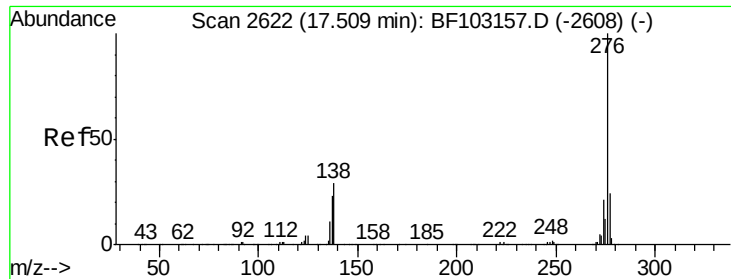
Ion Ratio Lower Upper

278 100

139 19.2 15.9 23.9

279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 63.24 ng

RT: 17.562 min Scan# 26

Delta R.T. 0.023 min

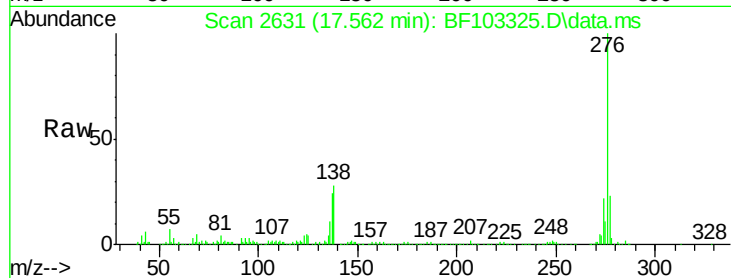
Lab File: BF103325.D

Acq: 1 Mar 2018 10:09

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 565599

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 27.8 21.8 32.8

