

Data Path : Z:\HPCHEM1\BNA F\Data\BF030118\
 Data File : BF103324.D
 Acq On : 1 Mar 2018 9:38
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 12:36:37 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	169120	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	708071	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	321112	20.00	ng	0.00
63) Phenanthrene-d10	11.410	188	529943	20.00	ng	0.00
75) Chrysene-d12	14.062	240	364354	20.00	ng	0.00
86) Perylene-d12	15.562	264	316321	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.498	112	867502	77.58	ng	0.00
7) Phenol-d6	6.516	99	1069182	78.14	ng	0.00
23) Nitrobenzene-d5	7.445	82	999220	80.59	ng	0.00
41) 2,4,6-Tribromophenol	10.716	330	195305	71.86	ng	0.00
44) 2-Fluorobiphenyl	9.233	172	1368135	70.43	ng	0.00
78) Terphenyl-d14	12.992	244	1094187	72.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.651	88	231100	39.13	ng	94
3) Pyridine	3.440	79	668203	42.38	ng	98
4) n-Nitrosodimethylamine	3.393	42	297080	46.72	ng	90
6) Aniline	6.545	93	788986	39.95	ng	95
8) 2-Chlorophenol	6.663	128	449662	38.71	ng	91
9) Benzaldehyde	6.434	77	378844	48.59	ng	98
10) Phenol	6.528	94	616285	38.80	ng	87
11) bis(2-Chloroethyl)ether	6.610	93	491348	40.76	ng	89
12) 1,3-Dichlorobenzene	6.816	146	508547	38.31	ng	96
13) 1,4-Dichlorobenzene	6.892	146	504919	37.94	ng	98
14) 1,2-Dichlorobenzene	7.045	146	460940	37.56	ng	99
15) Benzyl Alcohol	7.022	79	407557	39.53	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	785672	37.95	ng	90
17) 2-Methylphenol	7.134	107	403876	38.26	ng	# 95
18) Hexachloroethane	7.386	117	192669	39.77	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	337578	39.64	ng	95
20) 3+4-Methylphenols	7.286	107	470179	36.54	ng	# 70
22) Acetophenone	7.292	105	636559	38.51	ng	# 89
24) Nitrobenzene	7.463	77	547267	40.09	ng	94
25) Isophorone	7.698	82	986390	40.39	ng	96
26) 2-Nitrophenol	7.781	139	266555	41.48	ng	97
27) 2,4-Dimethylphenol	7.810	122	369135	37.58	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	549527	38.28	ng	99
29) 2,4-Dichlorophenol	8.022	162	358128	38.08	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	373714	37.32	ng	98
31) Naphthalene	8.181	128	1259435	36.33	ng	99
32) Benzoic acid	7.957	122	256258	37.01	ng	97
33) 4-Chloroaniline	8.233	127	564131	37.71	ng	98
34) Hexachlorobutadiene	8.292	225	193576	37.12	ng	98
35) Caprolactam	8.622	113	128748	38.95	ng	# 79
36) 4-Chloro-3-methylphenol	8.716	107	402005	37.90	ng	99
37) 2-Methylnaphthalene	8.875	142	820759	36.63	ng	99
39) 1,2,4,5-Tetrachloroben...	9.039	216	321595	36.63	ng	98
40) Hexachlorocyclopentadiene	9.022	237	90565	34.90	ng	98

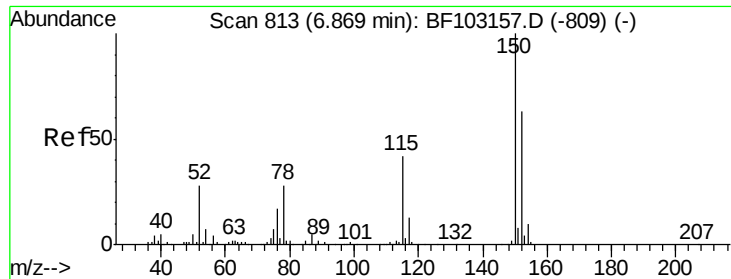
Data Path : Z:\HPCHEM1\BNA F\Data\BF030118\
 Data File : BF103324.D
 Acq On : 1 Mar 2018 9:38
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Mar 01 12:36:37 2018
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 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)
42) 2,4,6-Trichlorophenol	9.151	196	222997	37.75	nq	99
43) 2,4,5-Trichlorophenol	9.198	196	248892	36.64	nq	97
45) 1,1'-Biphenyl	9.339	154	981388	36.47	nq	98
46) 2-Chloronaphthalene	9.363	162	783232	36.79	nq	100
47) 2-Nitroaniline	9.463	65	307352	38.98	nq	87
48) Acenaphthylene	9.780	152	1174027	35.84	nq	99
49) Dimethylphthalate	9.633	163	932612	36.20	nq	99
50) 2,6-Dinitrotoluene	9.710	165	203794	37.70	nq	97
51) Acenaphthene	9.951	154	684295	35.83	nq	99
52) 3-Nitroaniline	9.880	138	255440	37.24	nq	# 99
53) 2,4-Dinitrophenol	9.992	184	58187	35.84	nq	# 17
54) Dibenzofuran	10.127	168	946842	36.11	nq	98
55) 4-Nitrophenol	10.045	139	159092	37.43	nq	90
56) 2,4-Dinitrotoluene	10.116	165	244543	35.77	nq	# 89
57) Fluorene	10.469	166	765653	34.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.245	232	166167	36.41	nq	97
59) Diethylphthalate	10.333	149	883348	35.85	nq	98
60) 4-Chlorophenyl-phenyle...	10.457	204	341639	36.07	nq	96
61) 4-Nitroaniline	10.498	138	254597	37.17	nq	95
62) Azobenzene	10.616	77	931315	37.14	nq	96
64) 4,6-Dinitro-2-methylph...	10.533	198	120349	38.42	nq	91
65) n-Nitrosodiphenylamine	10.580	169	692285	37.52	nq	99
66) 4-Bromophenyl-phenylether	10.945	248	211563	38.32	nq	97
67) Hexachlorobenzene	11.022	284	224113	37.40	nq	94
68) Atrazine	11.104	200	206474	37.23	nq	99
69) Pentachlorophenol	11.216	266	96027	33.15	nq	99
70) Phenanthrene	11.433	178	1054627	36.16	nq	99
71) Anthracene	11.486	178	1090263	36.46	nq	100
72) Carbazole	11.645	167	1089030	36.57	nq	99
73) Di-n-butylphthalate	11.957	149	1391643	37.34	nq	99
74) Fluoranthene	12.627	202	1051291	35.87	nq	98
76) Benzidine	12.745	184	554508	40.71	nq	99
77) Pyrene	12.857	202	1068536	37.61	nq	100
79) Butylbenzylphthalate	13.463	149	586885	39.10	nq	99
80) Benzo(a)anthracene	14.051	228	883083	37.35	nq	99
81) 3,3'-Dichlorobenzidine	14.010	252	304815	36.13	nq	97
82) Chrysene	14.092	228	841679	36.67	nq	99
83) Bis(2-ethylhexyl)phtha...	14.015	149	762683	37.66	nq	# 99
84) Di-n-octyl phthalate	14.639	149	1288085	39.36	nq	99
85) Indeno(1,2,3-cd)pyrene	17.098	276	648285	35.67	nq	98
87) Benzo(b)fluoranthene	15.151	252	696422	33.49	nq	97
88) Benzo(k)fluoranthene	15.151	252	696422	35.56	nq	99
89) Benzo(a)pyrene	15.504	252	694348	37.39	nq	99
90) Dibenzo(a,h)anthracene	17.103	278	540869	37.69	nq	99
91) Benzo(g,h,i)perylene	17.556	276	541510	38.61	nq	98

(#) = 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: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

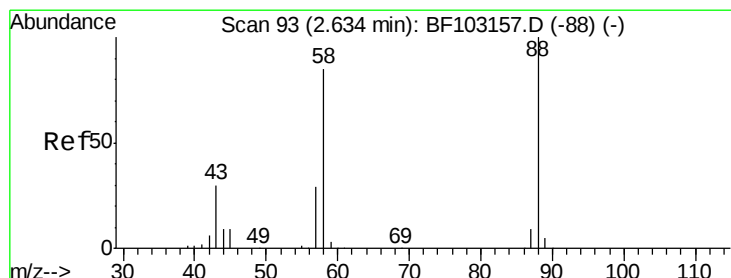
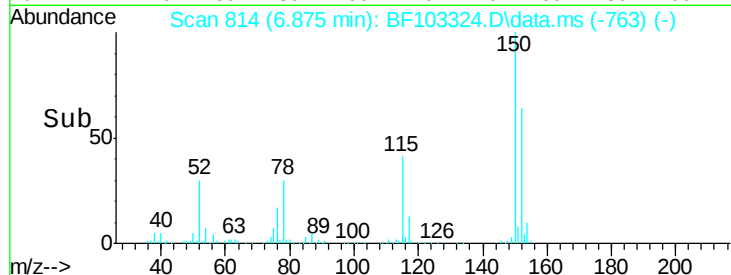
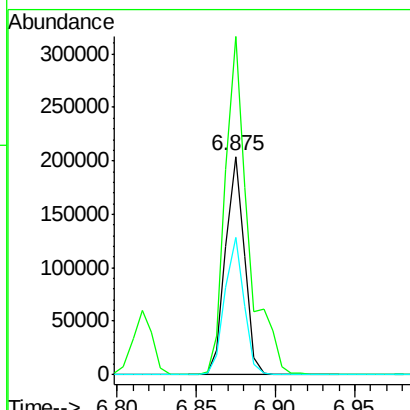
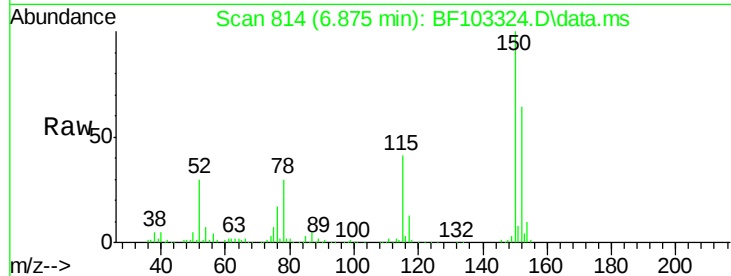
Tot Ion:152 Resp: 169120

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

115 63.0 50.1 75.1



#2

1,4-Dioxane

Concen: 39.13 ng

RT: 2.651 min Scan# 96

Delta R.T. 0.018 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

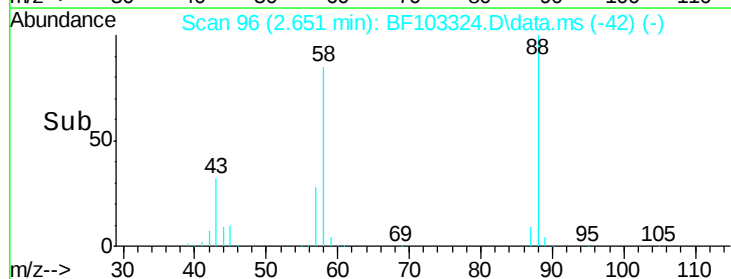
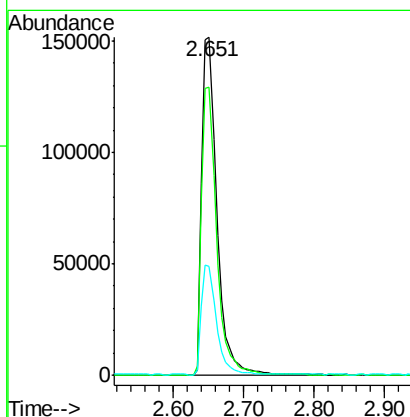
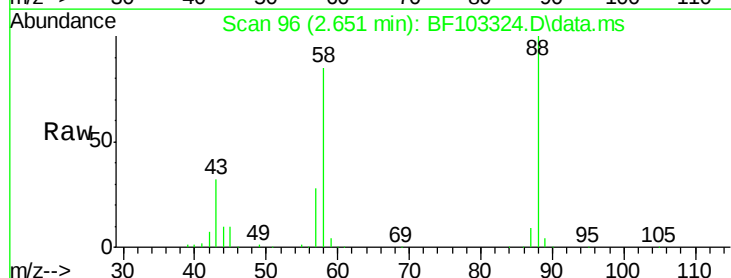
Tgt Ion: 88 Resp: 231100

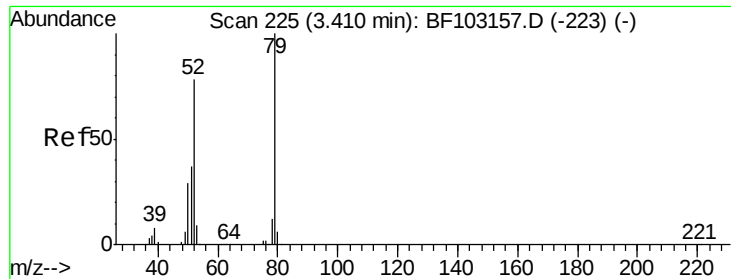
Ion Ratio Lower Upper

88 100

58 84.5 62.6 93.8

43 32.0 24.6 37.0

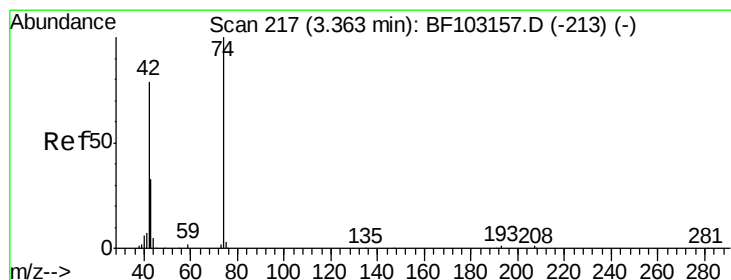
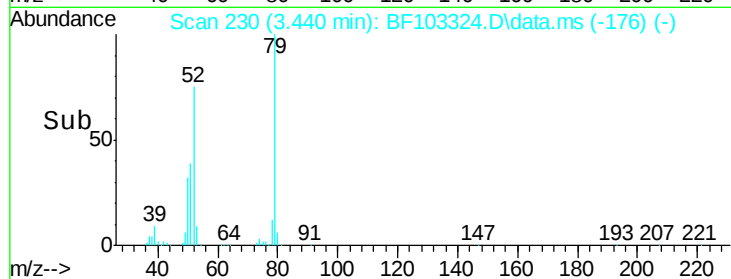
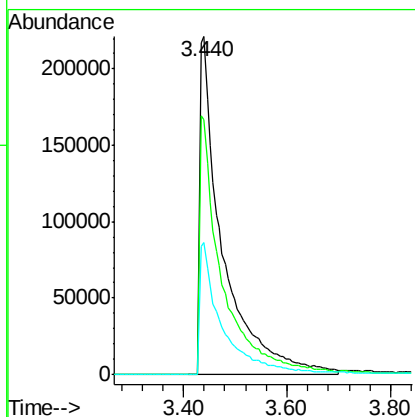
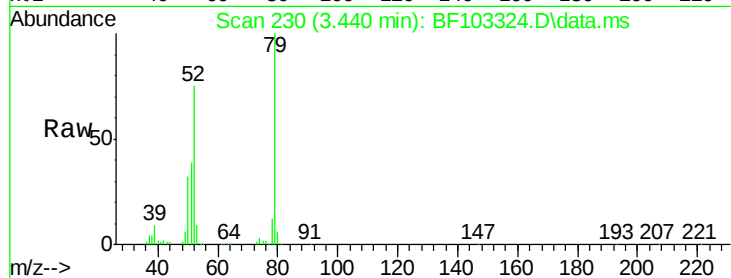




#3
 Pvridine
 Concen: 42.38 ng
 RT: 3.440 min Scan# 23
 Delta R.T. 0.018 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

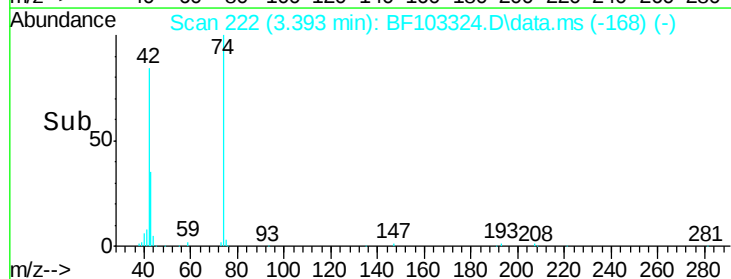
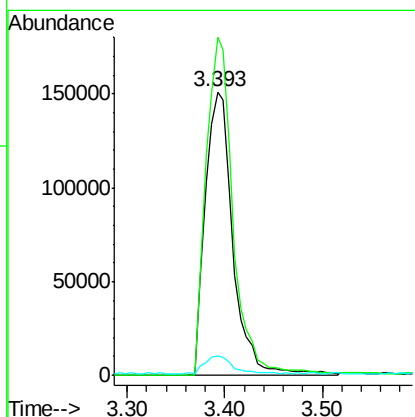
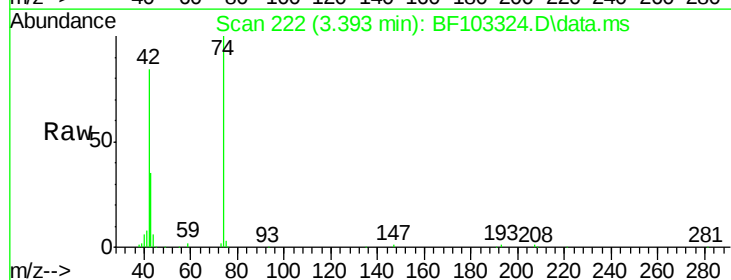
Instrument :
 BNA_F
 ClientSampleId :

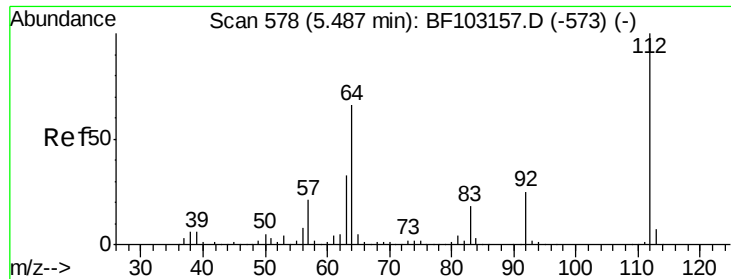
Tot Ion: 79 Resp: 668203
 Ion Ratio Lower Upper
 79 100
 52 75.5 59.8 89.6
 51 39.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 46.72 ng
 RT: 3.393 min Scan# 222
 Delta R.T. 0.018 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion: 42 Resp: 297080
 Ion Ratio Lower Upper
 42 100
 74 119.4 104.9 157.3
 44 6.9 6.9 10.3

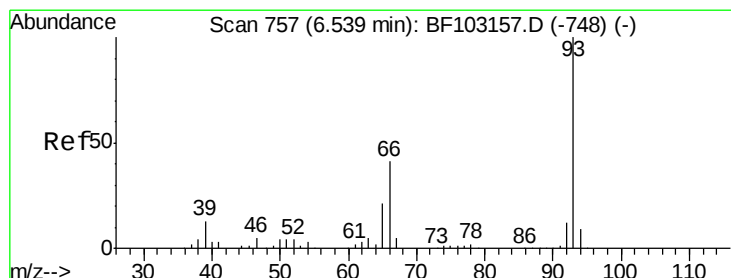
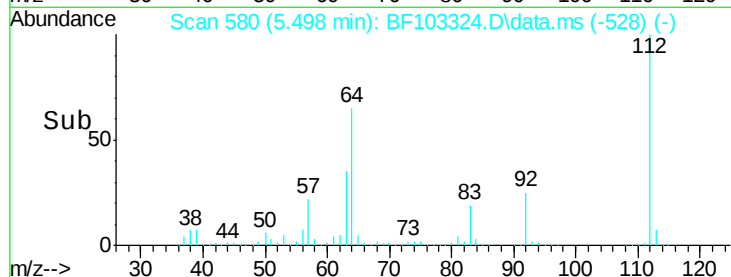
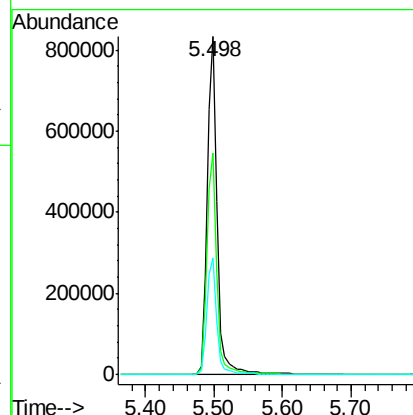
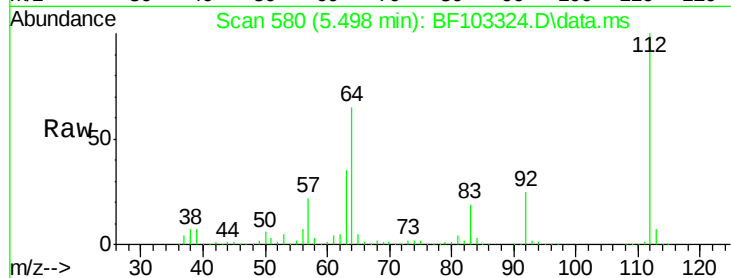




#5
2-Fluorophenol
Concen: 77.58 ng
RT: 5.498 min Scan# 58
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

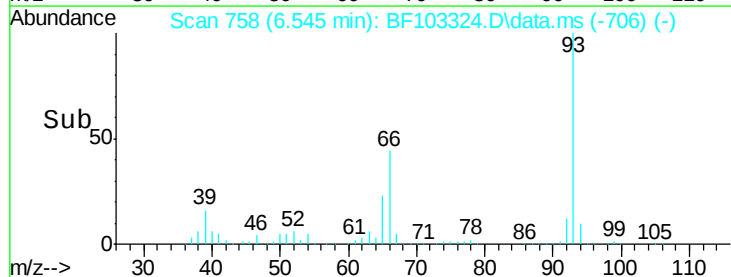
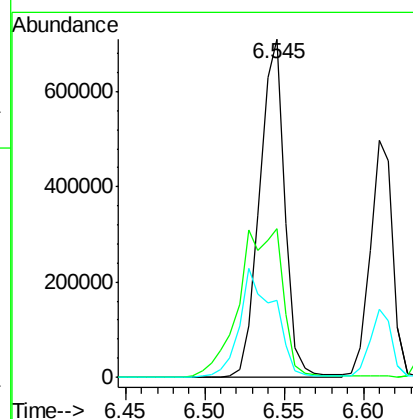
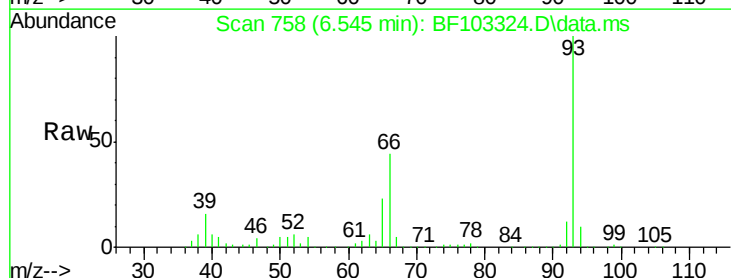
Instrument :
BNA_F
ClientSampleId :

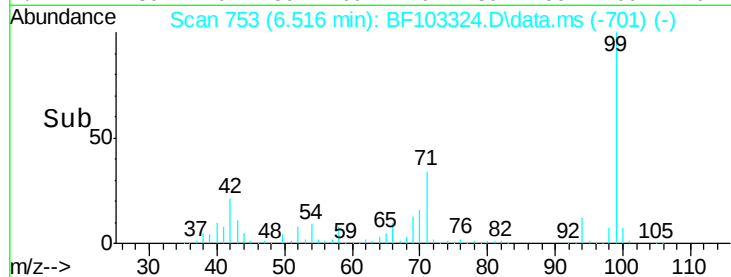
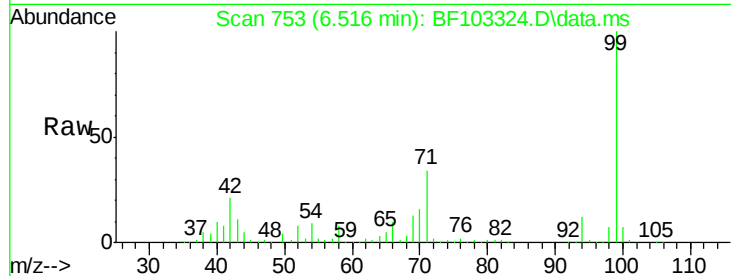
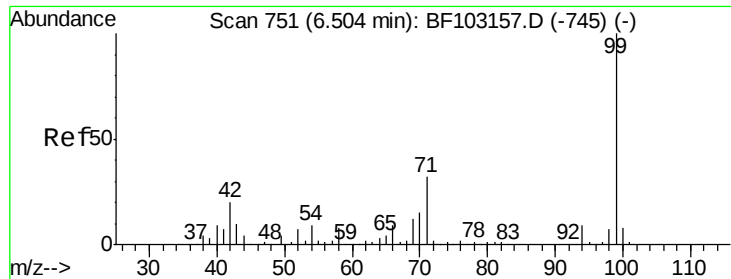
Tot Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	34.5	23.7	35.5



#6
Aniline
Concen: 39.95 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.8	32.2	48.2
65	22.7	16.4	24.6





#7

Phenol-d6

Concen: 78.14 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

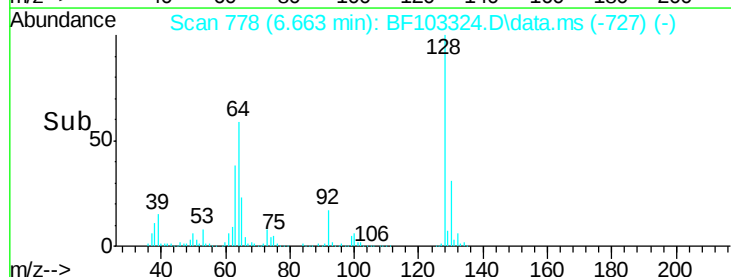
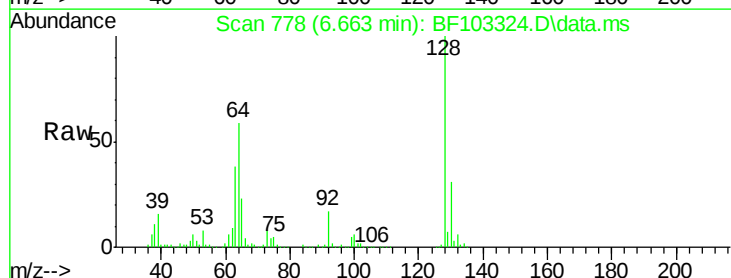
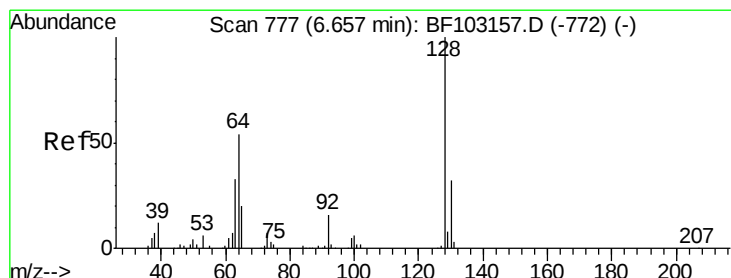
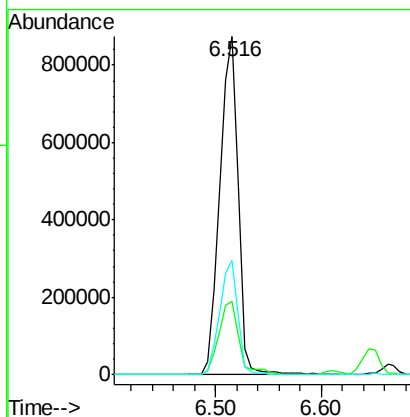
Tot Ion: 99 Resp: 1069182

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

71 33.6 25.4 38.0



#8

2-Chlorophenol

Concen: 38.71 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

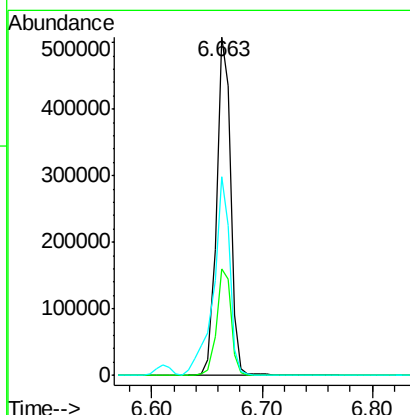
Tgt Ion: 128 Resp: 449662

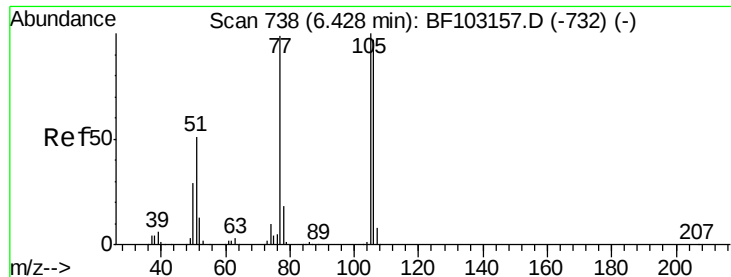
Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

64 58.9 29.4 69.4





#9

Benzaldehyde

Concen: 48.59 ng

RT: 6.434 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

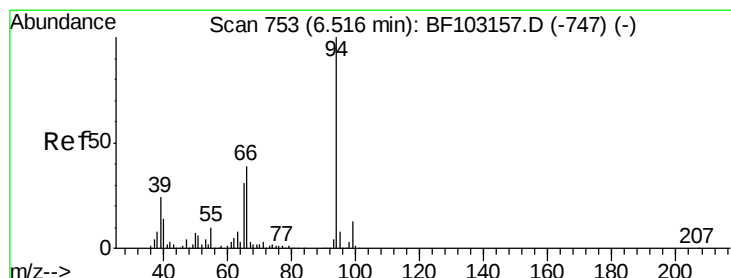
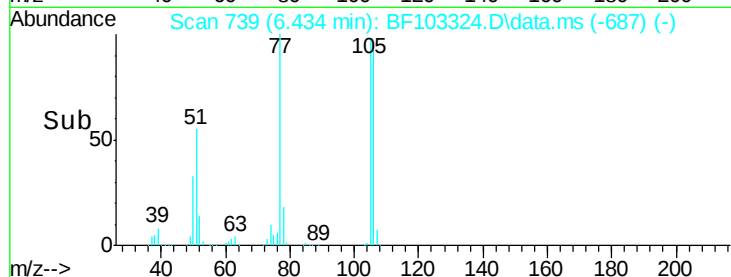
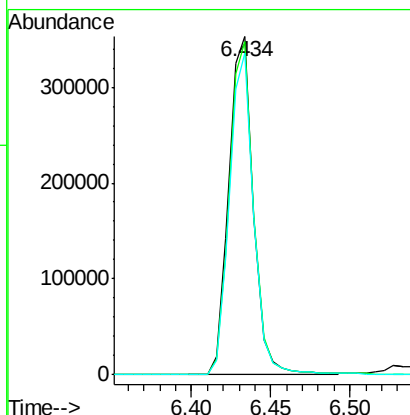
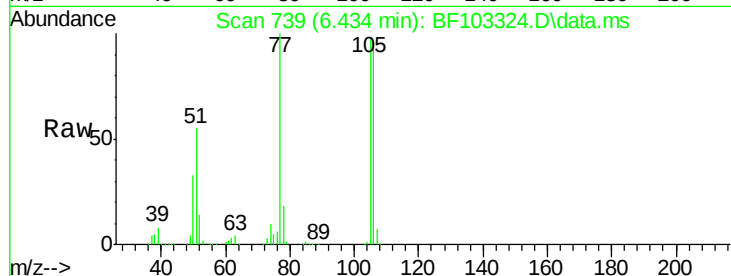
Tot Ion: 77 Resp: 378844

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

106 95.2 74.5 114.5



#10

Phenol

Concen: 38.80 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

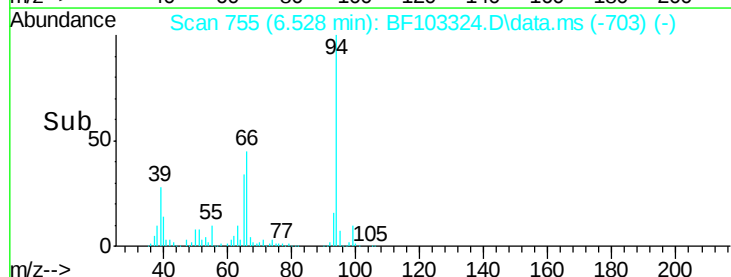
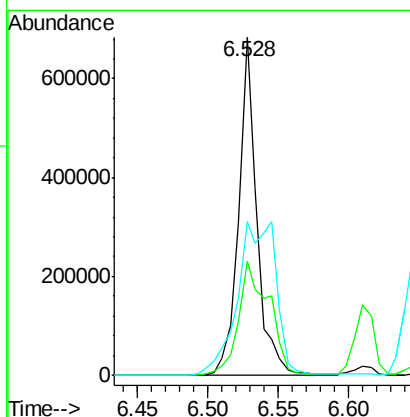
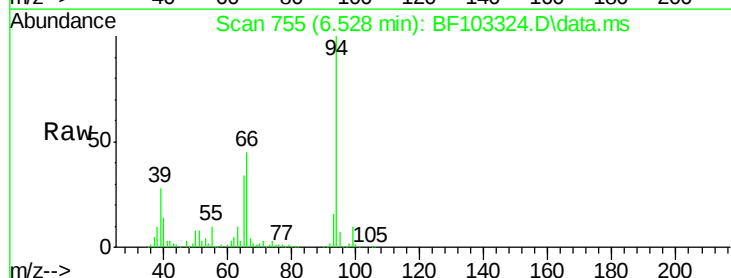
Tgt Ion: 94 Resp: 616285

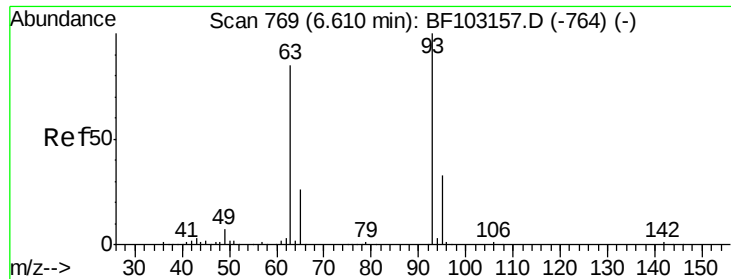
Ion Ratio Lower Upper

94 100

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66 45.3 16.2 56.2

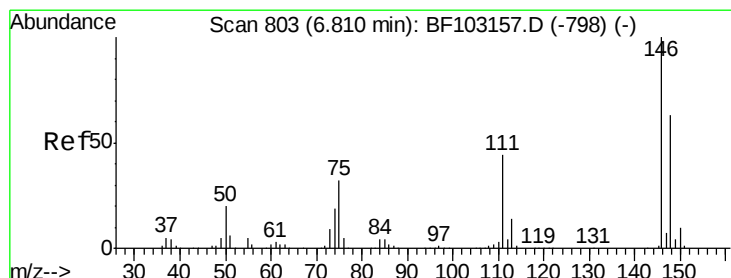
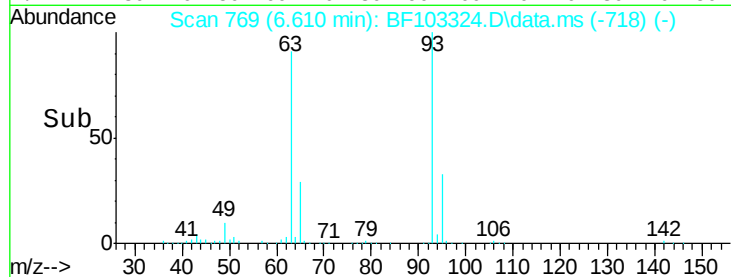
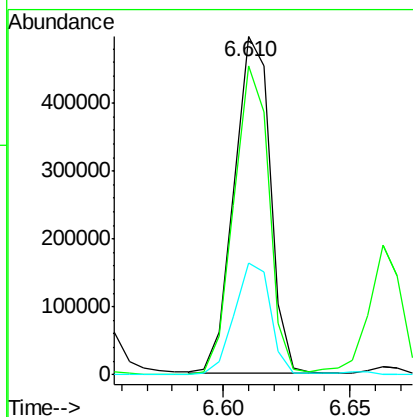
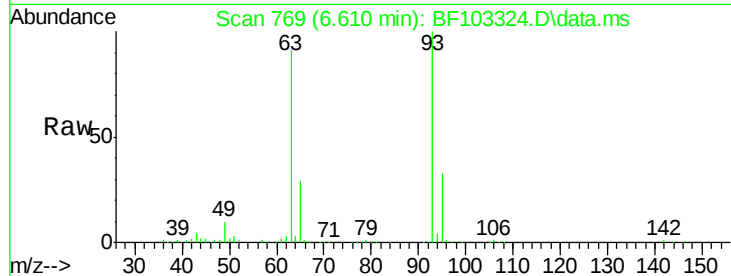




#11
bis(2-Chloroethyl)ether
Concen: 40.76 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

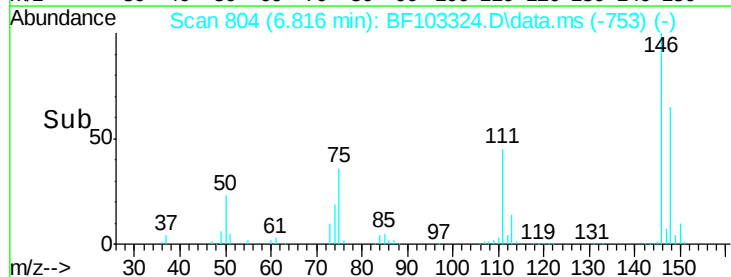
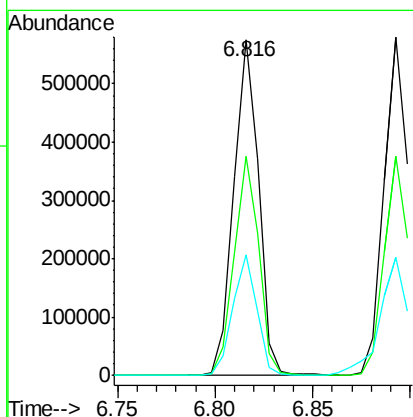
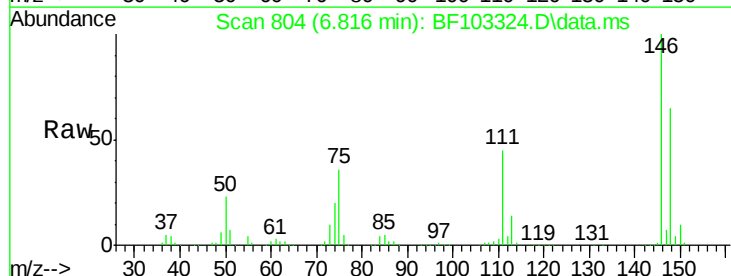
Instrument :
BNA_F
ClientSampleId :

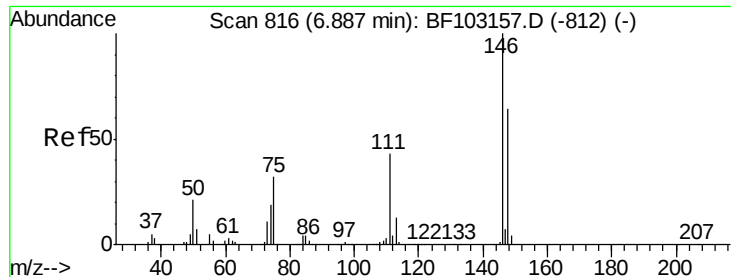
Tot Ion: 93 Resp: 491348
Ion Ratio Lower Upper
93 100
63 91.5 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.31 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion: 146 Resp: 508547
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 36.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.94 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

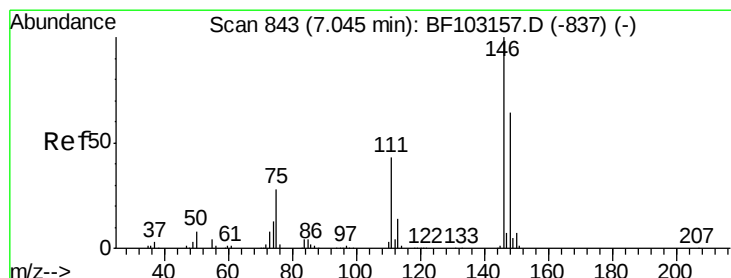
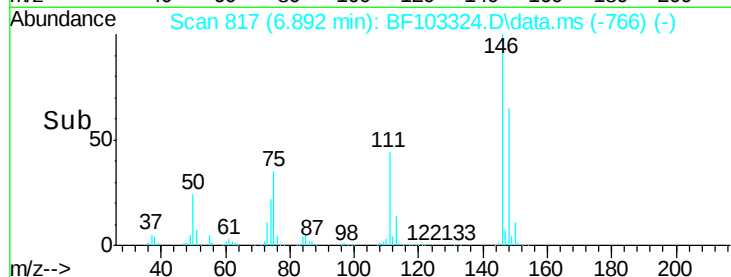
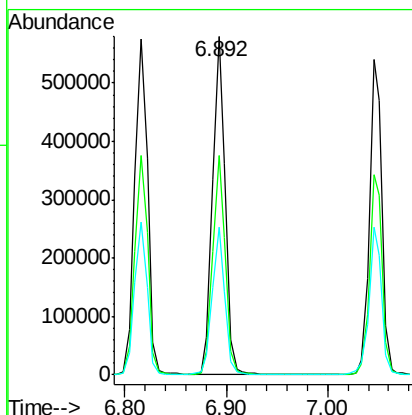
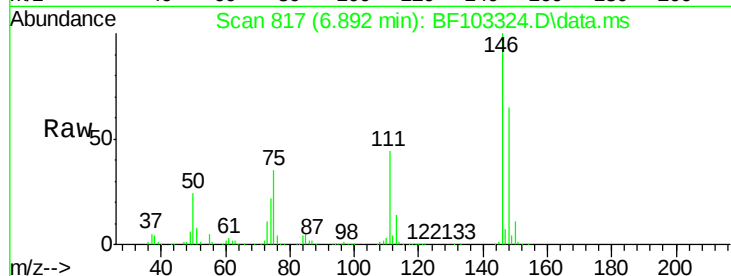
Tot Ion:146 Resp: 504919

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

111 43.5 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 37.56 ng

RT: 7.045 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

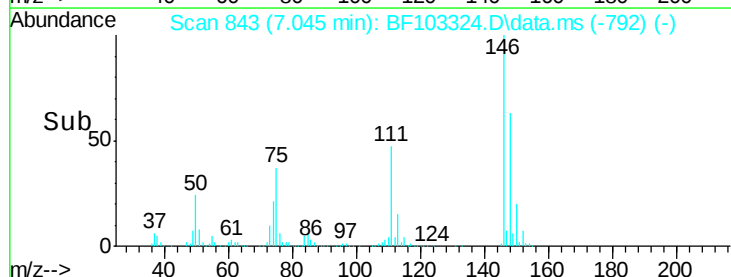
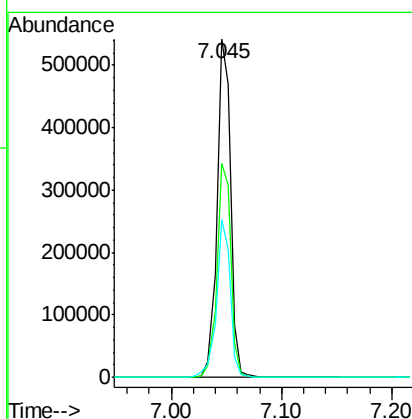
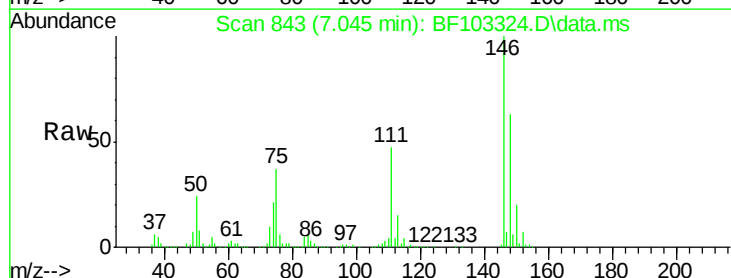
Tgt Ion:146 Resp: 460940

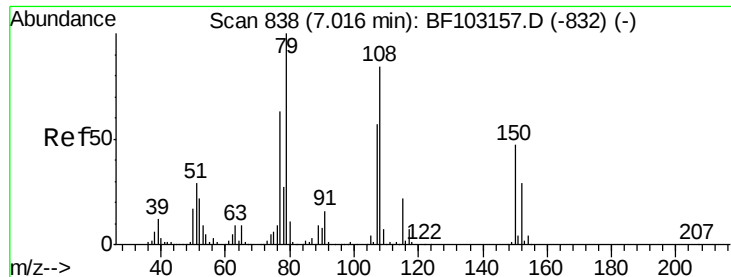
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 46.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.53 ng

RT: 7.022 min Scan# 83

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

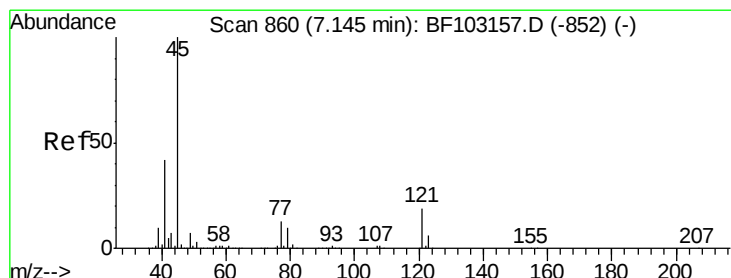
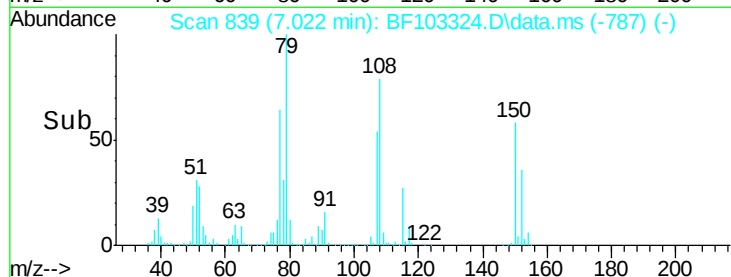
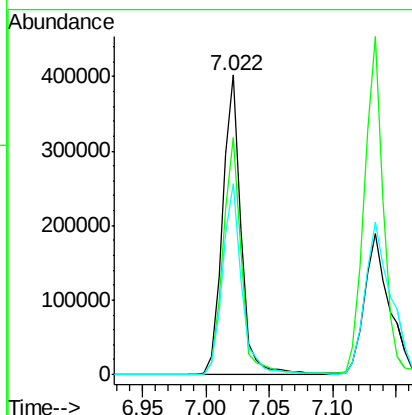
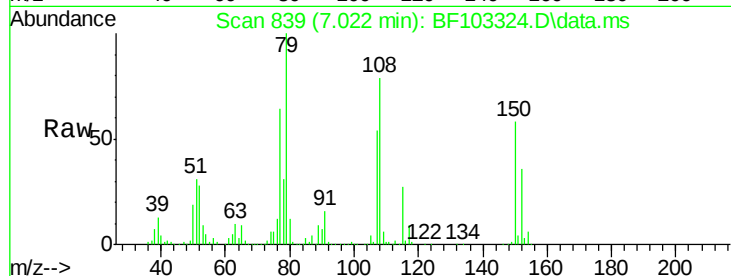
Tot Ion: 79 Resp: 407557

Ion Ratio Lower Upper

79 100

108 79.1 65.1 97.7

77 63.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.95 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

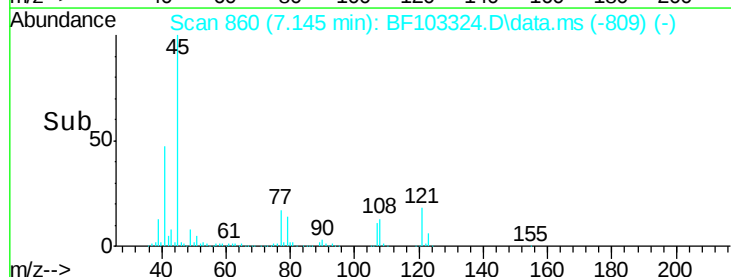
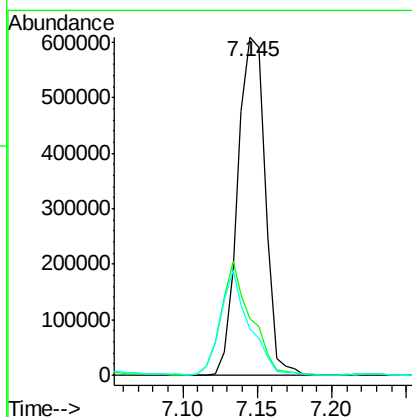
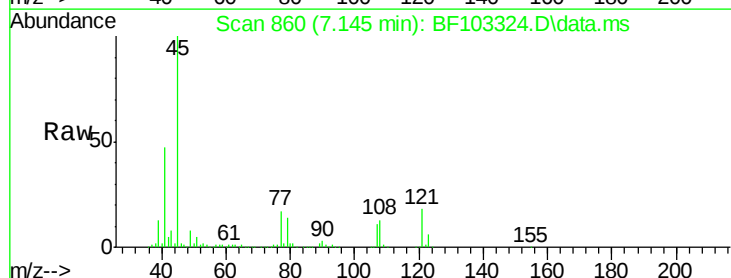
Tgt Ion: 45 Resp: 785672

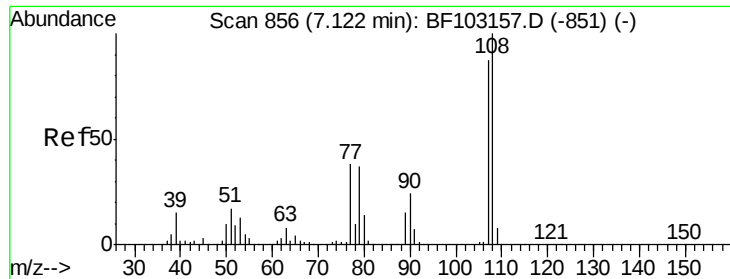
Ion Ratio Lower Upper

45 100

77 16.9 0.0 32.9

79 13.5 0.0 29.6

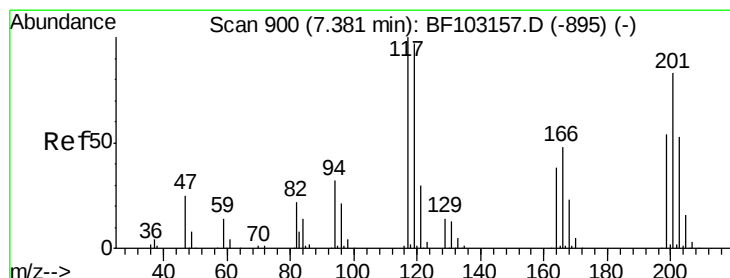
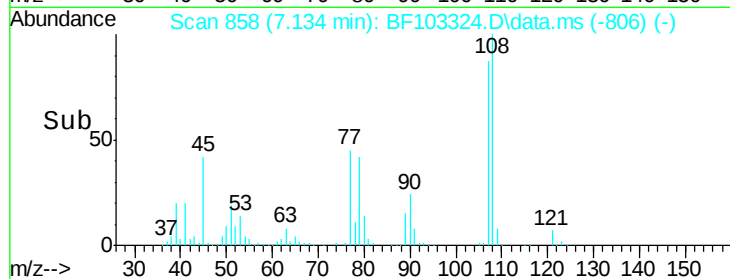
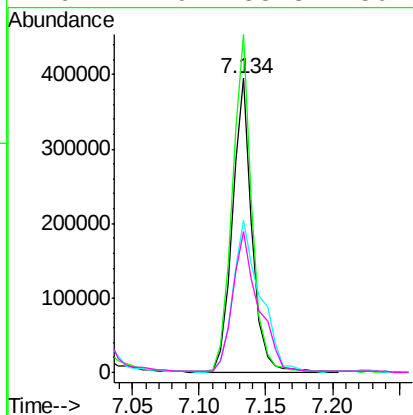
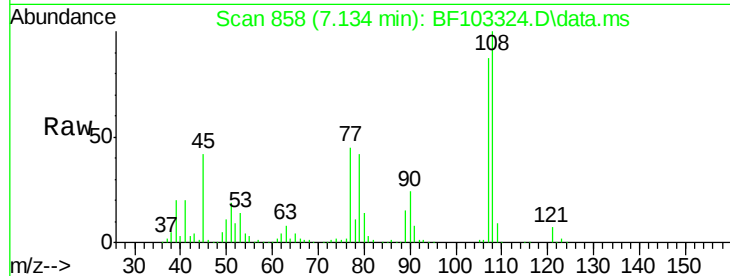




#17
2-Methylphenol
Concen: 38.26 ng
RT: 7.134 min Scan# 85
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

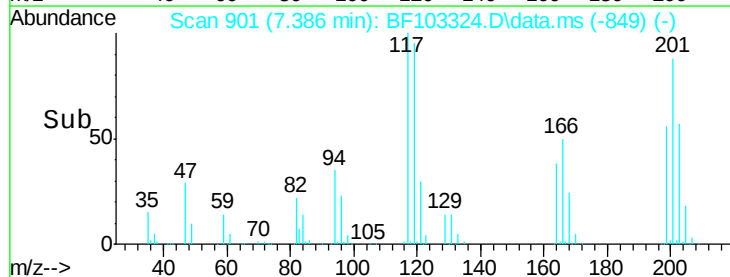
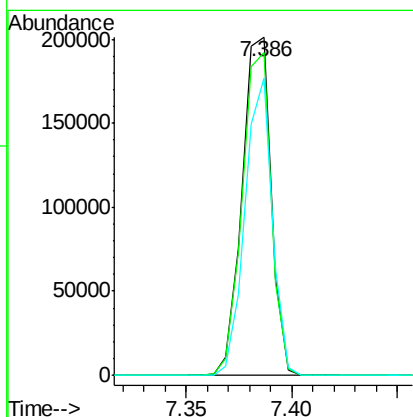
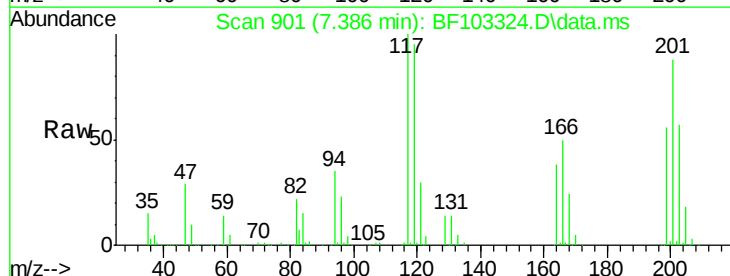
Instrument :
BNA_F
ClientSampleId :

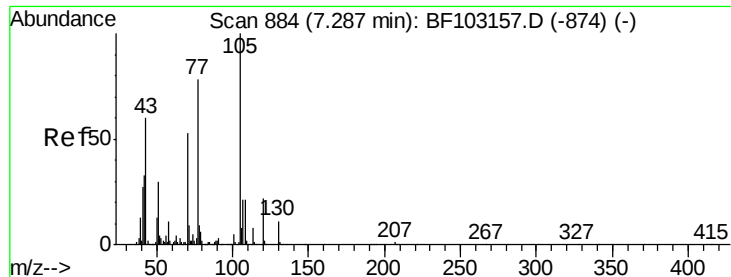
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	51.9	33.8	50.8
79	47.9	33.8	50.8



#18
Hexachloroethane
Concen: 39.77 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	87.8	75.7	113.5

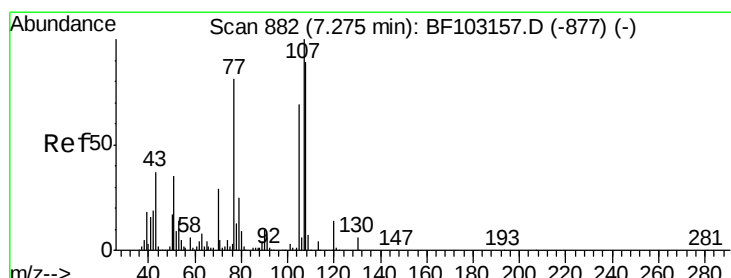
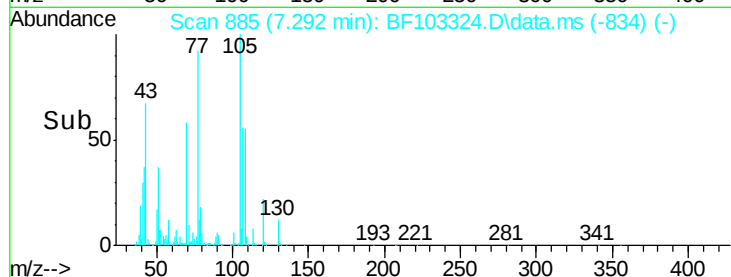
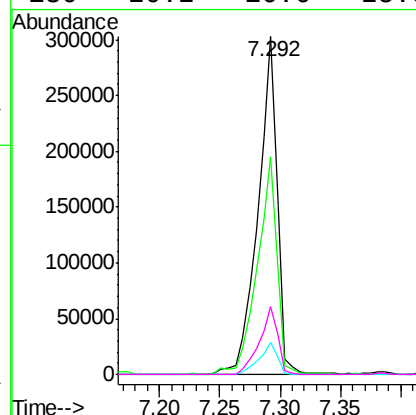
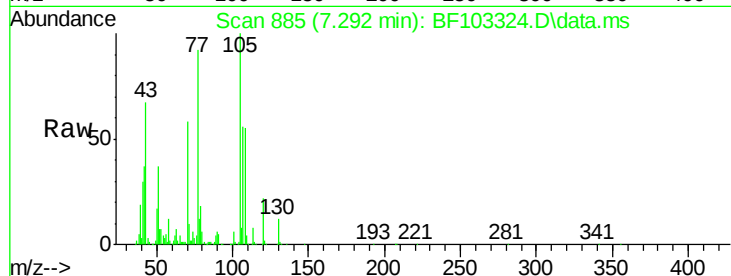




#19
n-Nitroso-di-n-propylamine
Concen: 39.64 ng
RT: 7.292 min Scan# 88
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

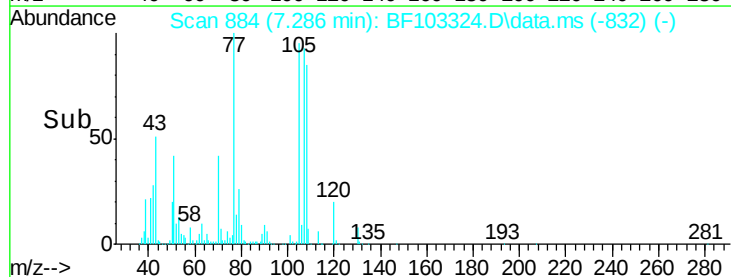
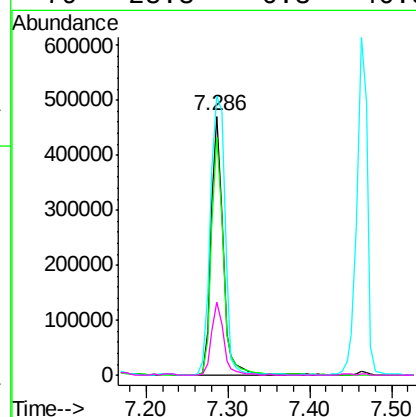
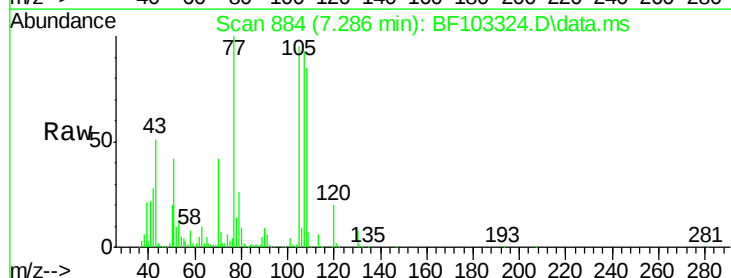
Instrument :
BNA_F
ClientSampleId :

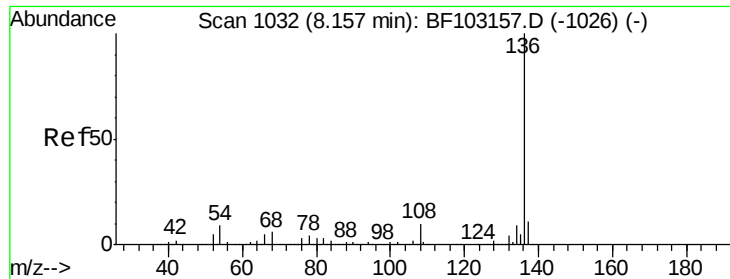
Tot Ion: 70 Resp: 337578
Ion Ratio Lower Upper
70 100
42 64.3 47.5 71.3
101 9.7 7.4 11.2
130 20.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.54 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion: 107 Resp: 470179
Ion Ratio Lower Upper
107 100
108 92.2 68.2 108.2
77 107.8 26.7 66.7#
79 28.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 708071

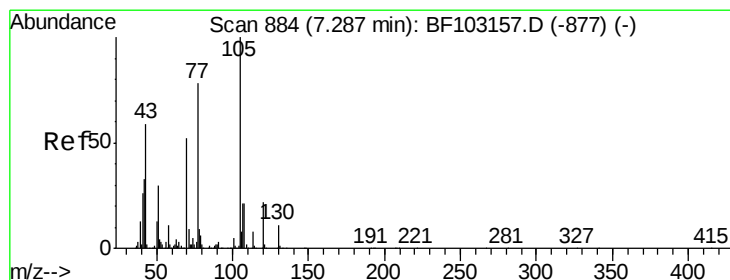
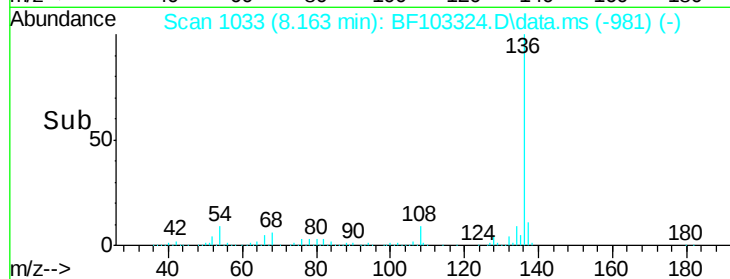
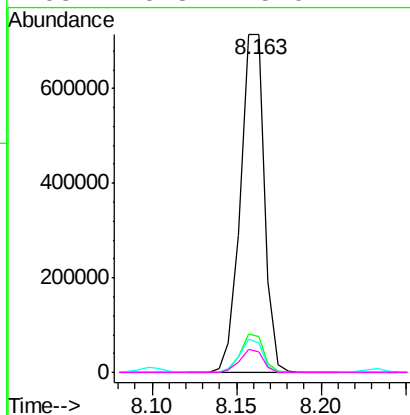
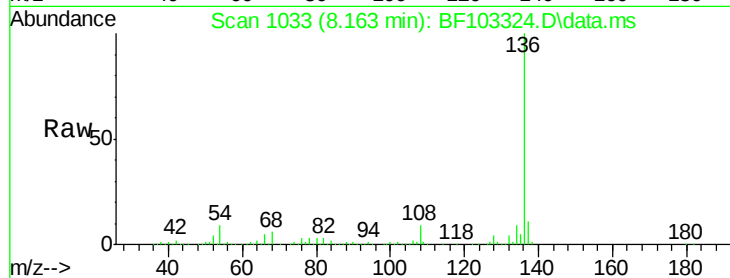
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.6 6.6 9.8

68 6.3 5.0 7.4



#22

Acetophenone

Concen: 38.51 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Tgt Ion:105 Resp: 636559

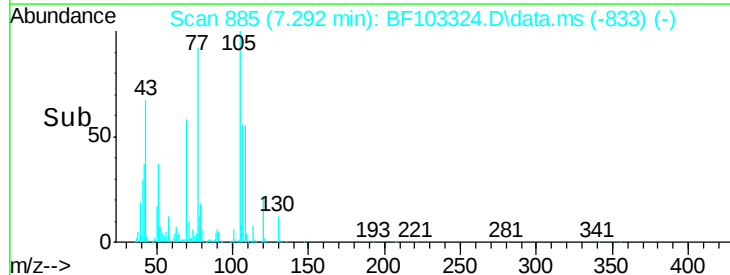
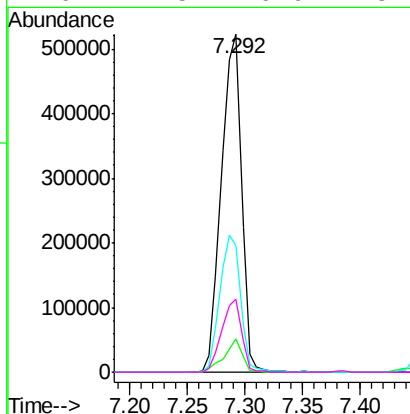
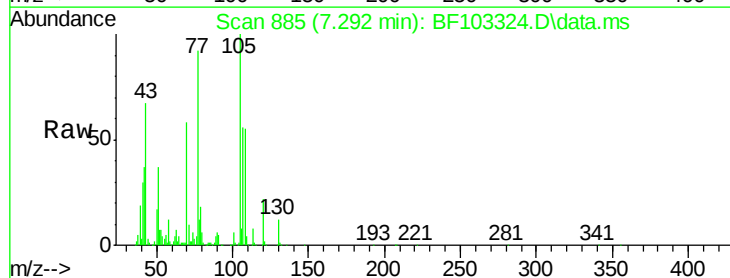
Ion Ratio Lower Upper

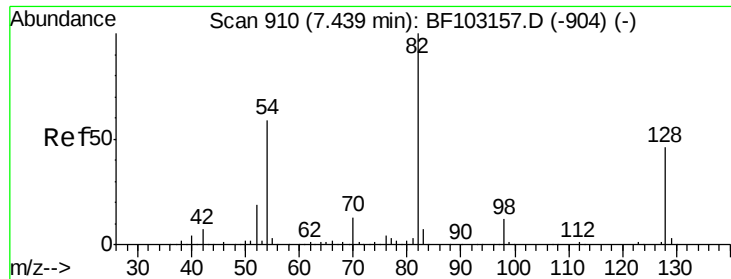
105 100

71 9.8 4.4 6.6#

51 37.4 22.3 33.5#

120 21.5 16.9 25.3

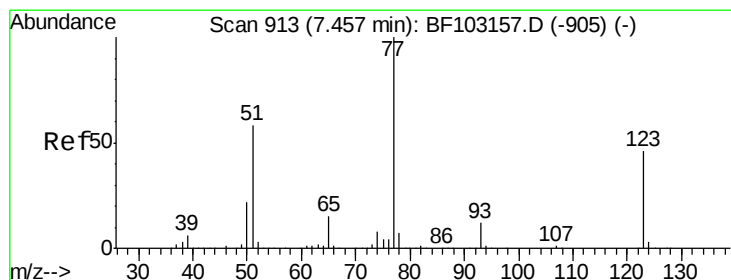
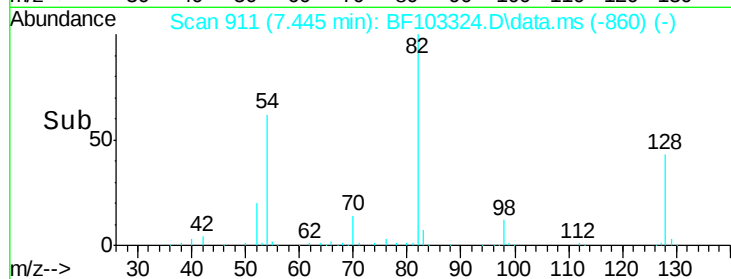
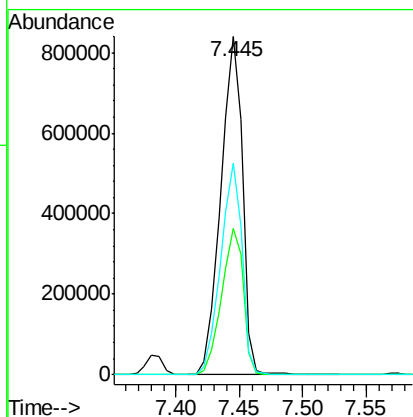
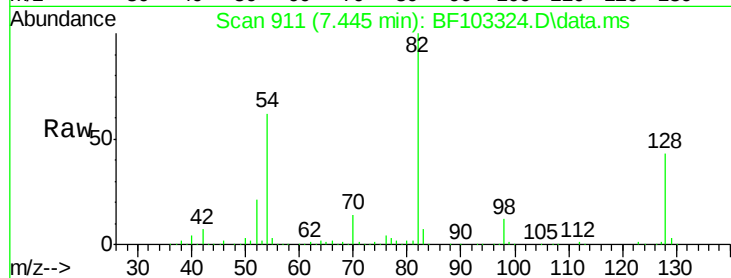




#23
Nitrobenzene-d5
Concen: 80.59 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

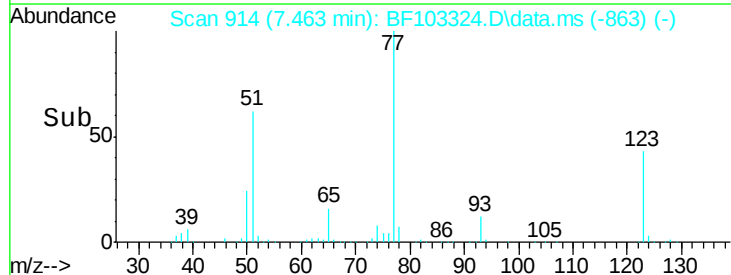
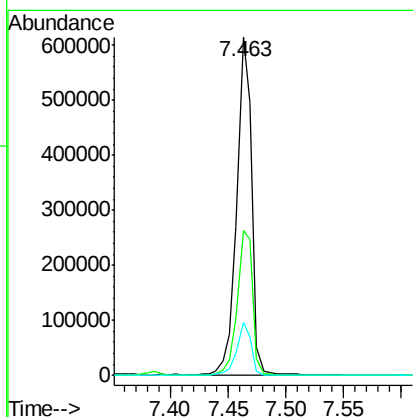
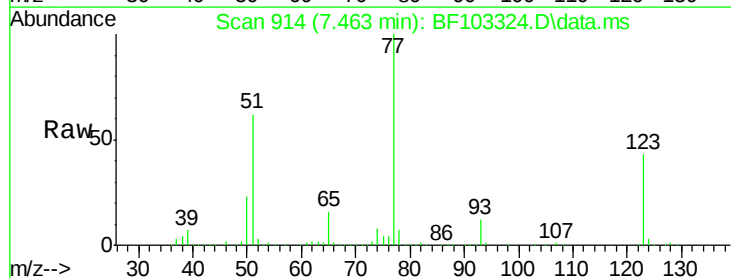
Instrument :
BNA_F
ClientSampleId :

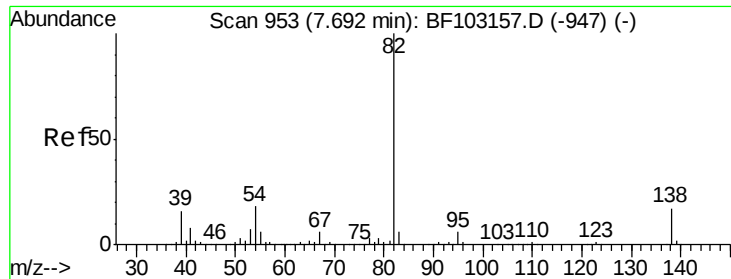
Tot Ion: 82 Resp: 999220
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 62.4 41.4 62.2#



#24
Nitrobenzene
Concen: 40.09 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion: 77 Resp: 547267
Ion Ratio Lower Upper
77 100
123 42.9 37.9 56.9
65 15.6 11.0 16.4





#25

Isophorone

Concen: 40.39 ng

RT: 7.698 min Scan# 95

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

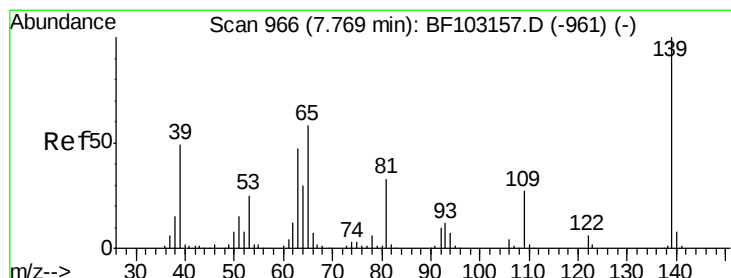
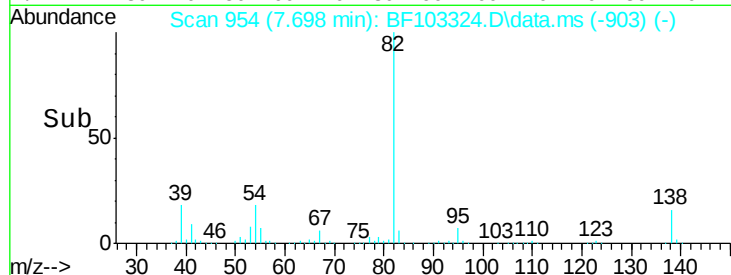
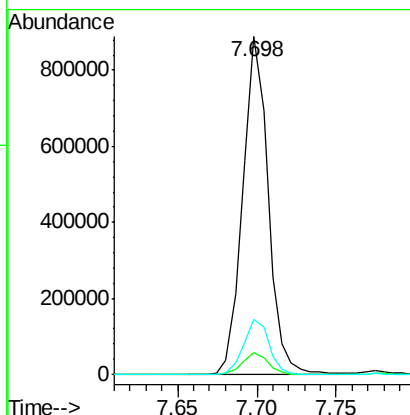
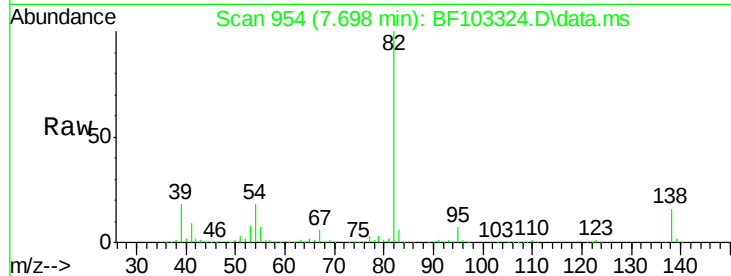
Tot Ion: 82 Resp: 986390

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.2 14.9 22.3



#26

2-Nitrophenol

Concen: 41.48 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

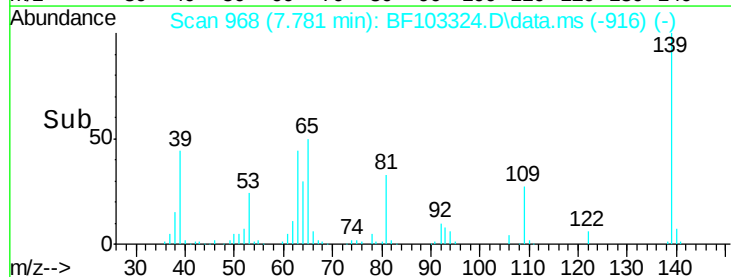
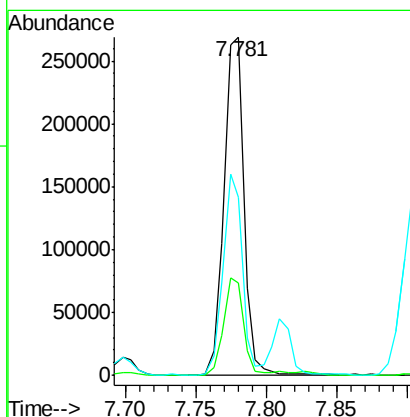
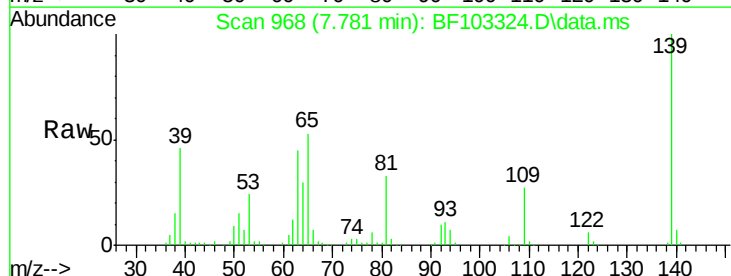
Tgt Ion: 139 Resp: 266555

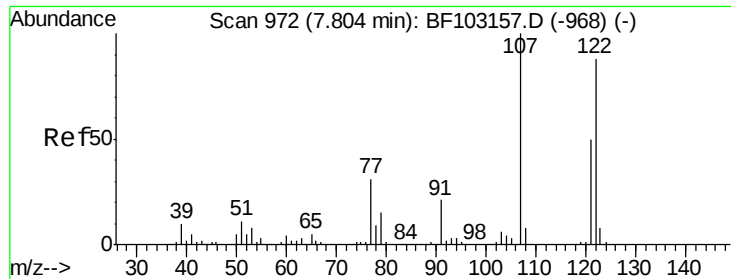
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 52.5 40.5 60.7

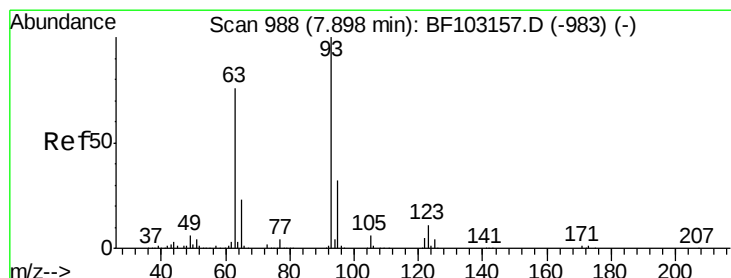
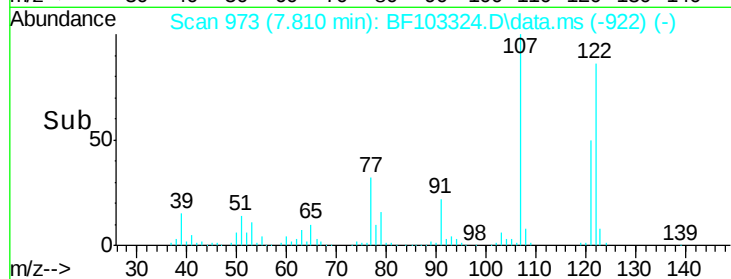
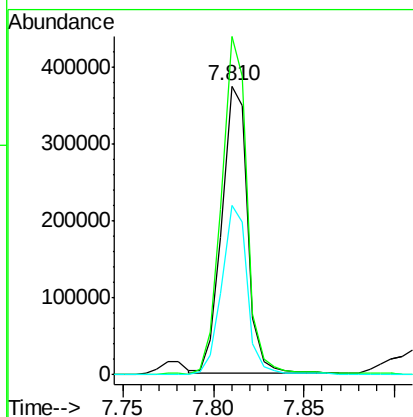
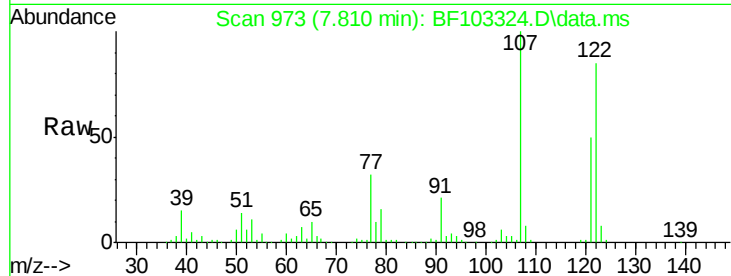




#27
 2,4-Dimethylphenol
 Concen: 37.58 ng
 RT: 7.810 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

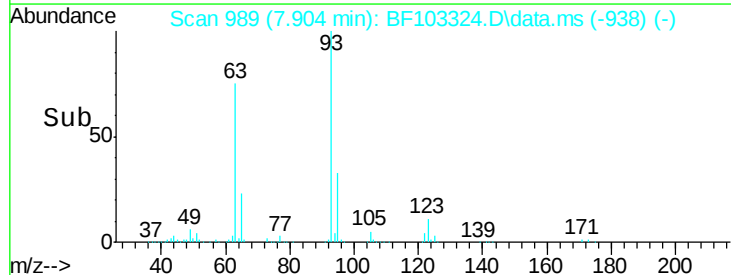
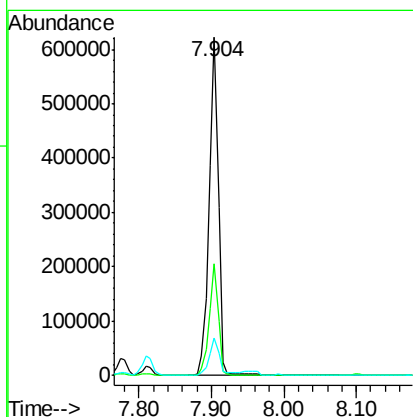
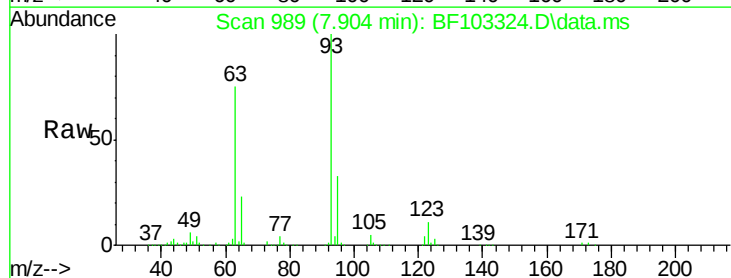
Instrument :
 BNA_F
 ClientSampleId :

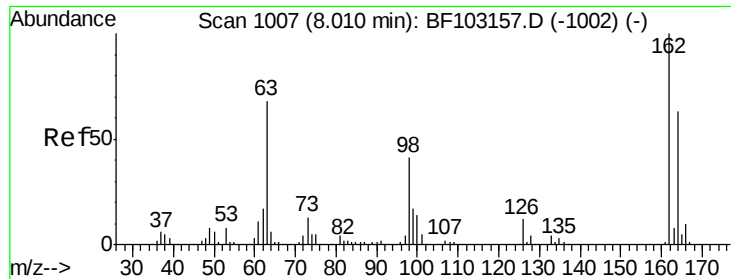
Tot Ion:122 Resp: 369135
 Ion Ratio Lower Upper
 122 100
 107 117.1 91.2 136.8
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.28 ng
 RT: 7.904 min Scan# 989
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion: 93 Resp: 549527
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.9 9.8 14.6

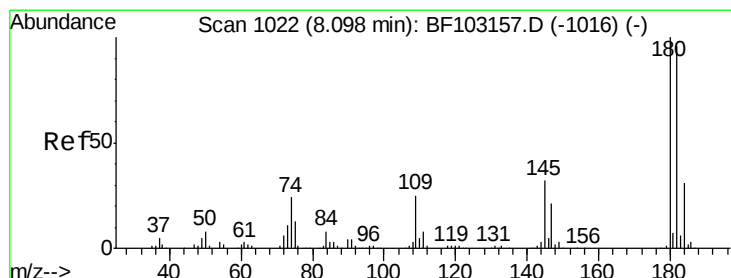
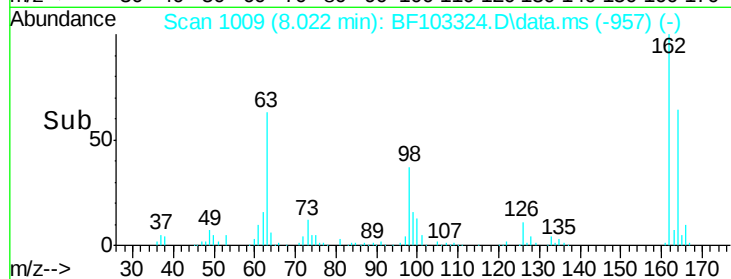
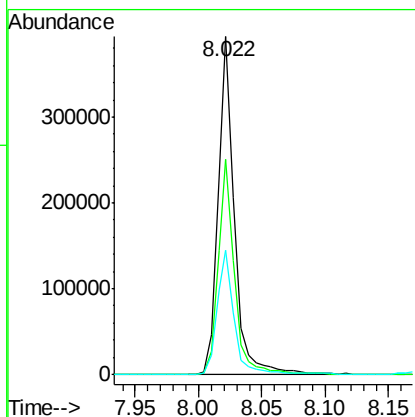
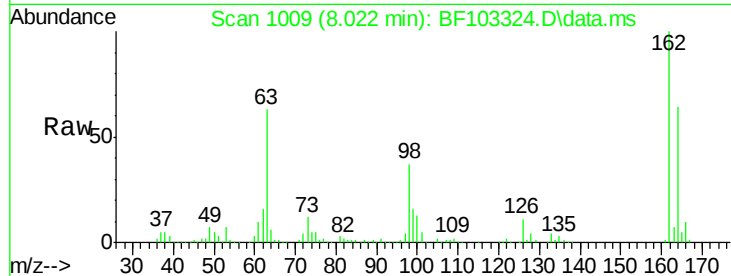




#29
 2,4-Dichlorophenol
 Concen: 38.08 ng
 RT: 8.022 min Scan# 1007
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

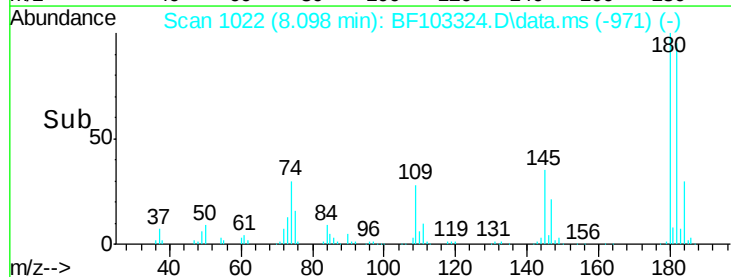
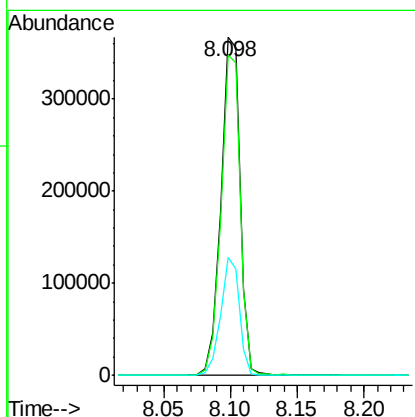
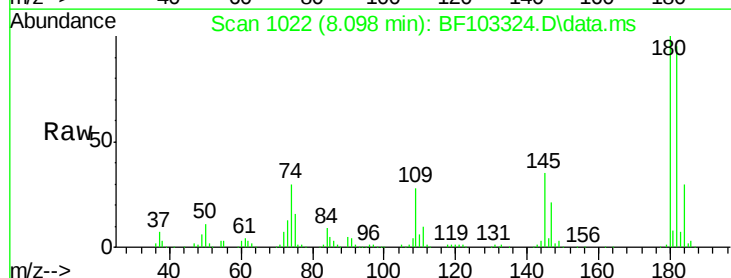
Instrument :
 BNA_F
 ClientSampleId :

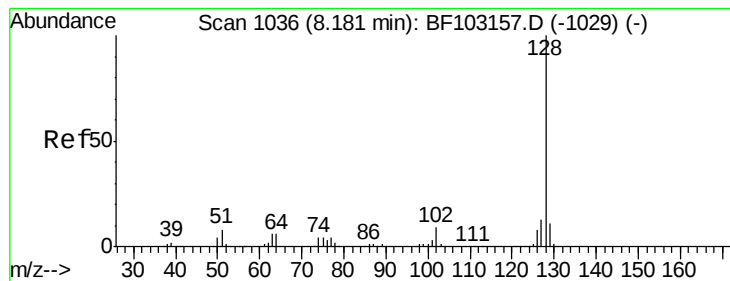
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	36.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.32 ng
 RT: 8.098 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	34.7	26.5	39.7





#31

Naphthalene

Concen: 36.33 ng

RT: 8.181 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

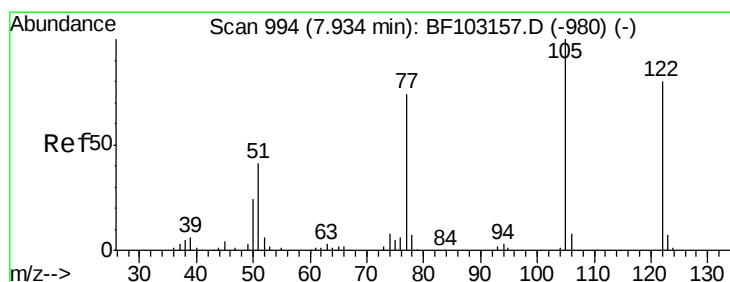
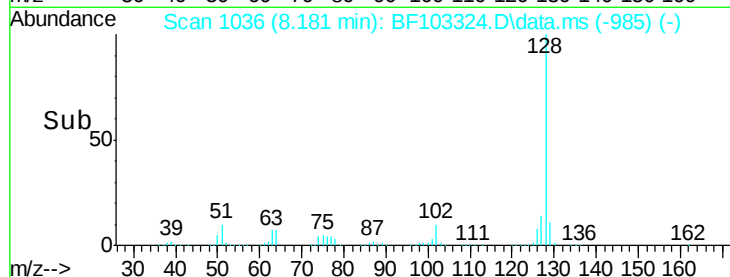
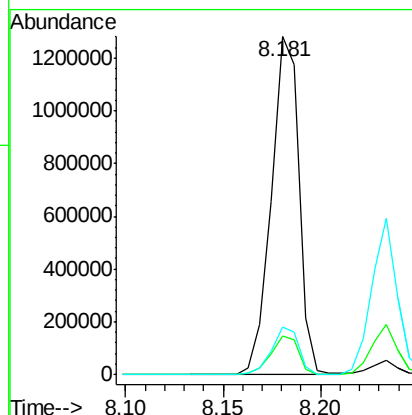
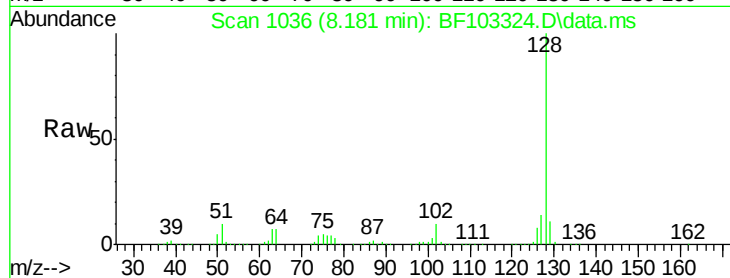
Tot Ion:128 Resp: 1259435

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.9 10.9 16.3



#32

Benzoic acid

Concen: 37.01 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.012 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

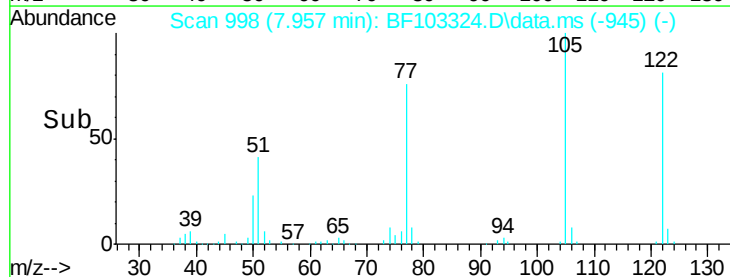
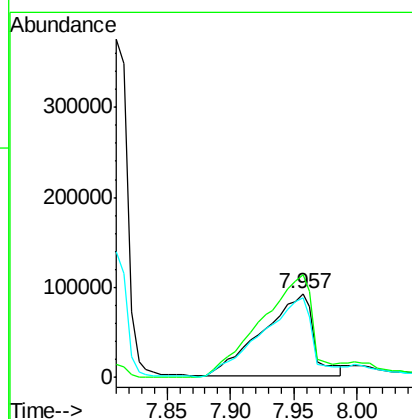
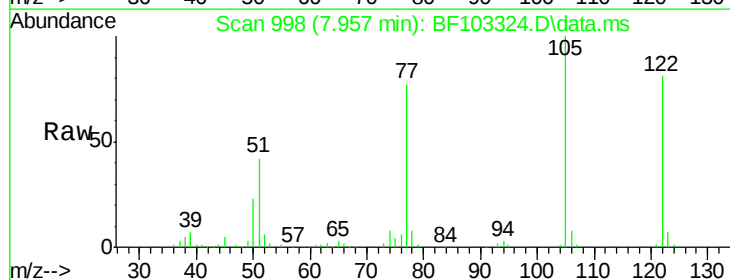
Tgt Ion:122 Resp: 256258

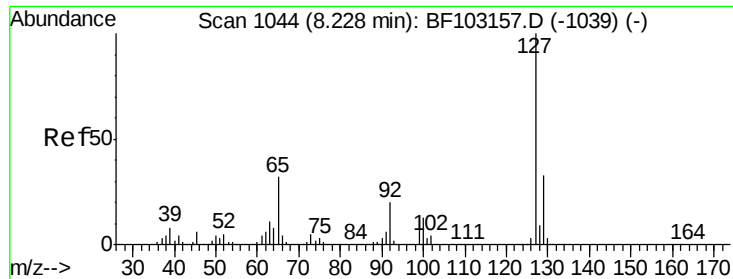
Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

77 94.9 70.7 110.7

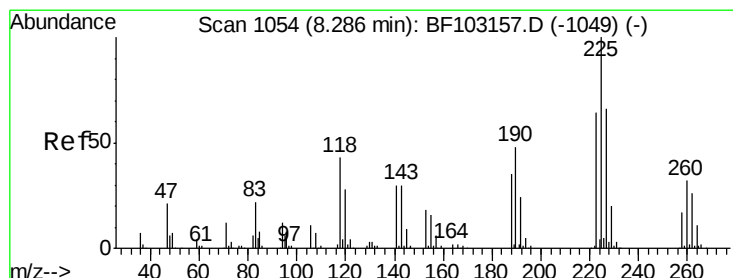
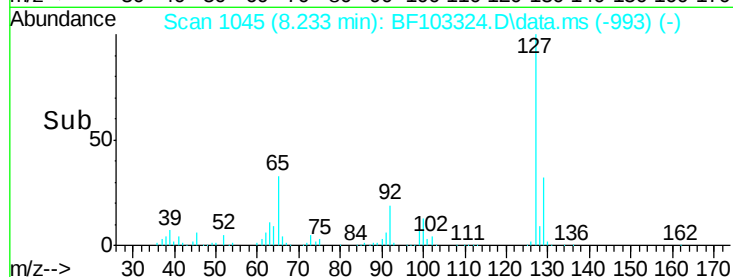
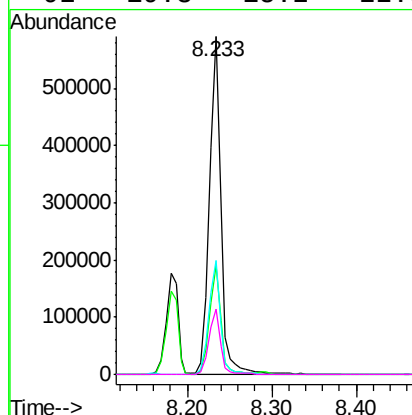
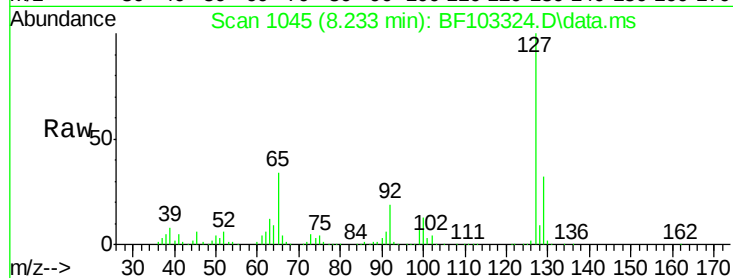




#33
4-Chloroaniline
Concen: 37.71 ng
RT: 8.233 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

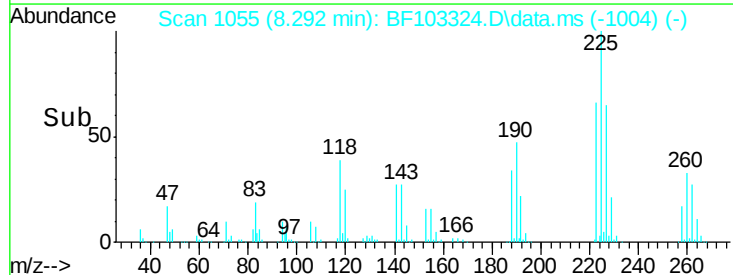
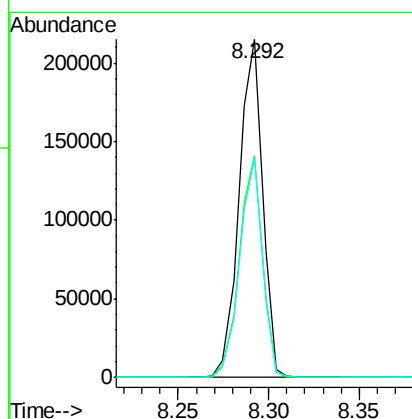
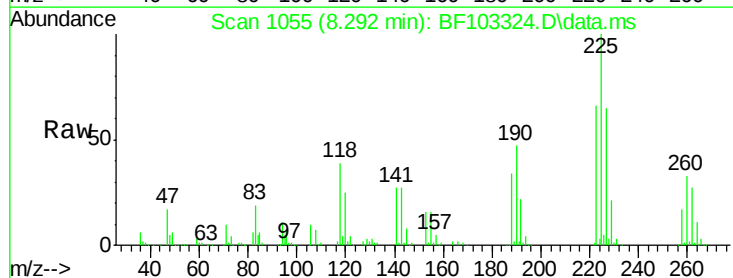
Instrument :
BNA_F
ClientSampled :

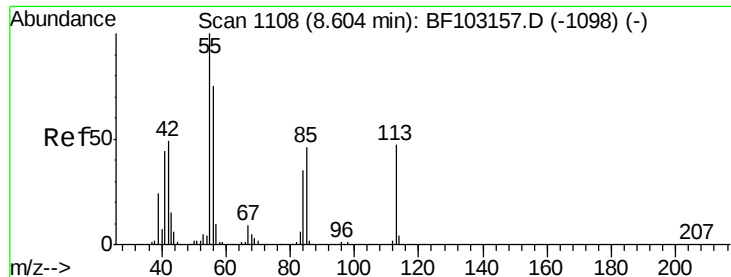
Tot Ion:	127	Resp:	564131
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.9	38.9
65	33.8	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.12 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion:	225	Resp:	193576
Ion Ratio	Lower	Upper	
225	100		
223	65.5	50.6	76.0
227	64.7	51.9	77.9

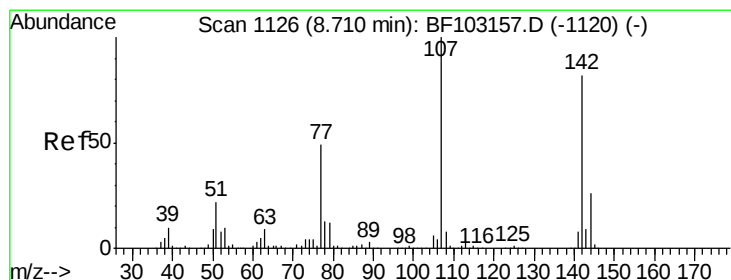
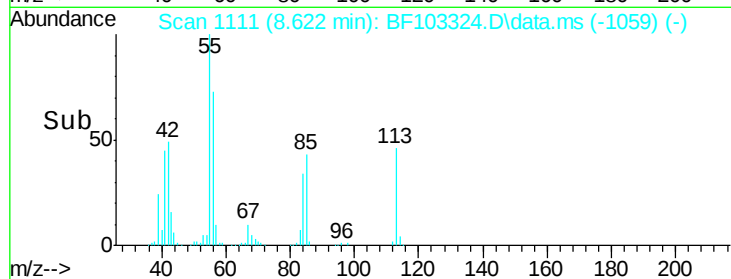
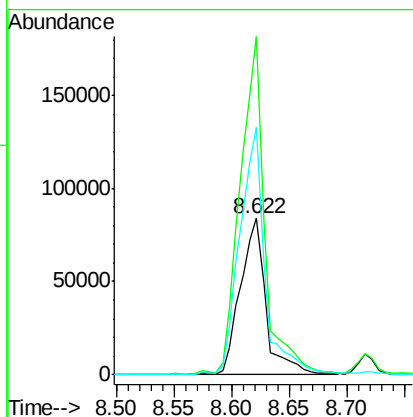
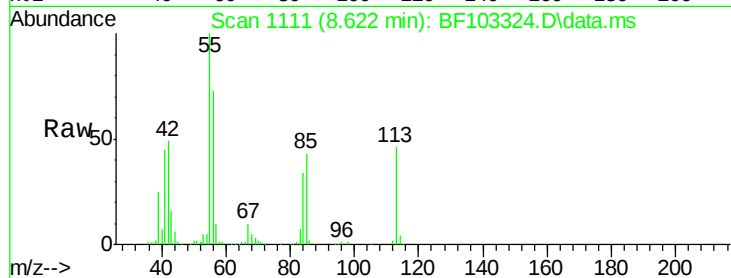




#35
 Caprolactam
 Concen: 38.95 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

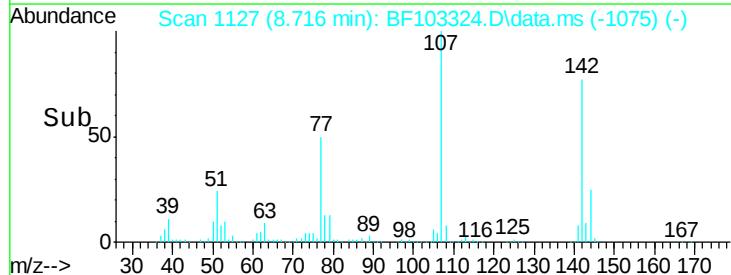
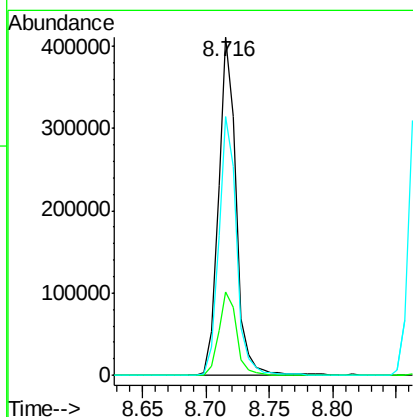
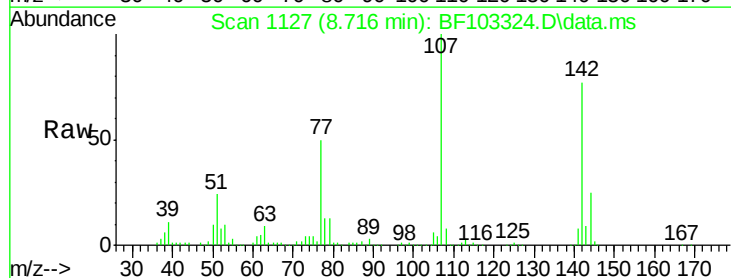
Instrument :
 BNA_F
 ClientSampleId :

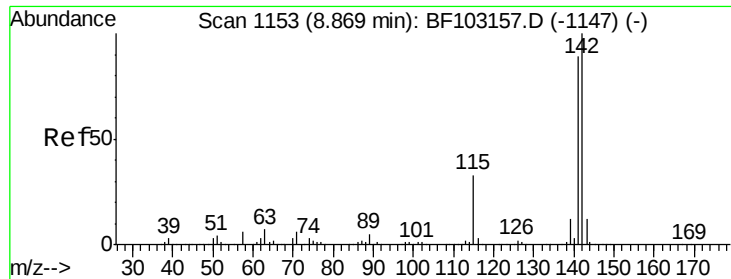
Tot Ion:113 Resp: 128748
 Ion Ratio Lower Upper
 113 100
 55 216.4 163.3 203.3#
 56 157.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.90 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion:107 Resp: 402005
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 76.7 62.0 93.0

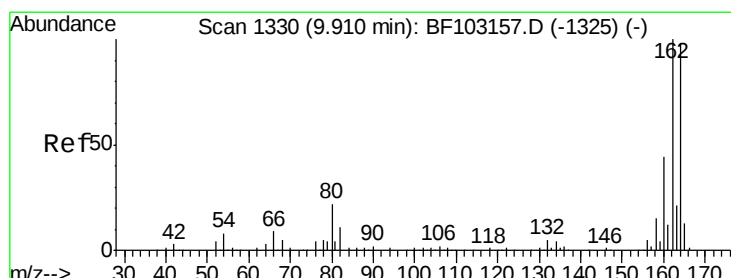
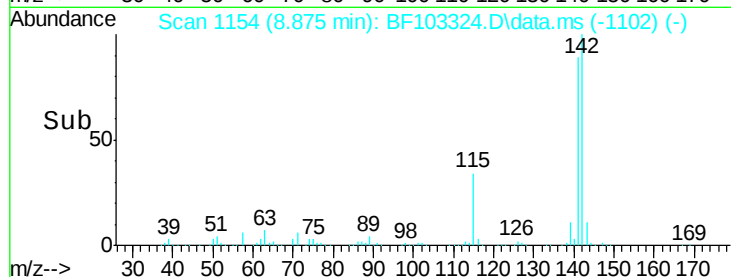
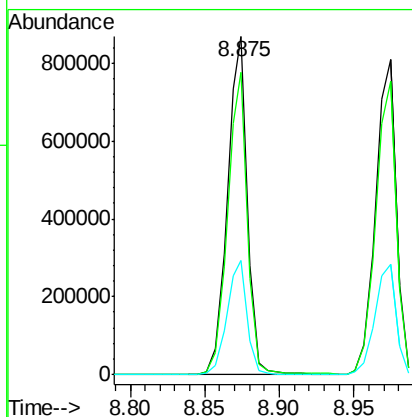
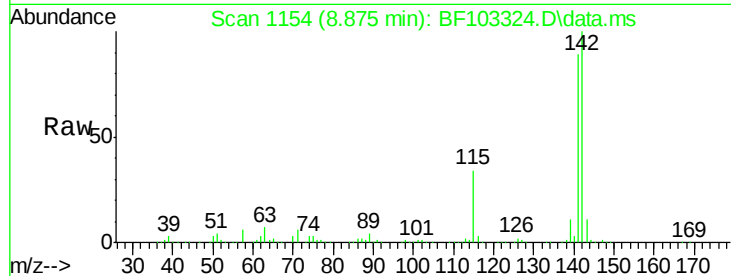




#37
2-Methylnaphthalene
Concen: 36.63 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

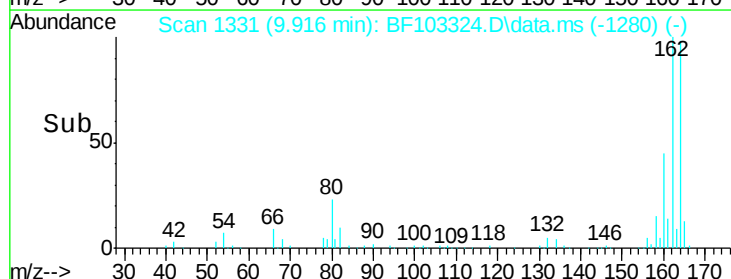
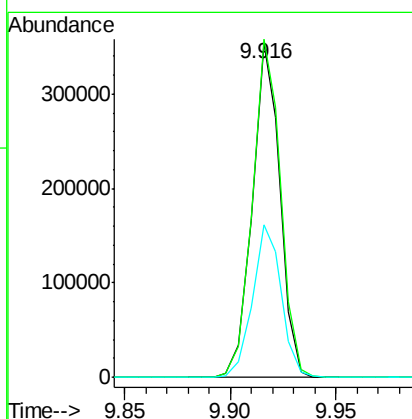
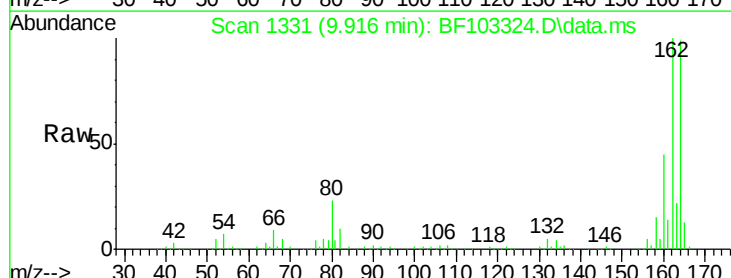
Instrument :
BNA_F
ClientSampleId :

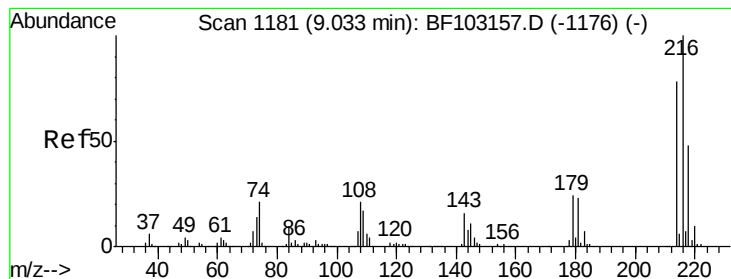
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.6	38.3	57.5

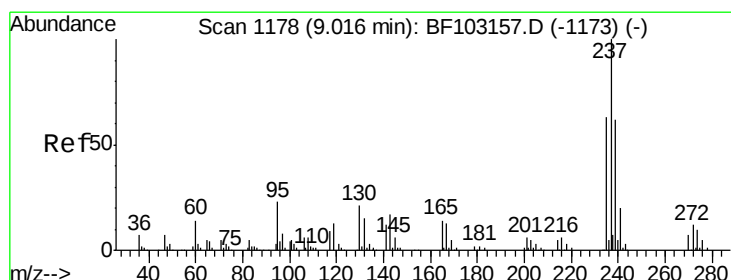
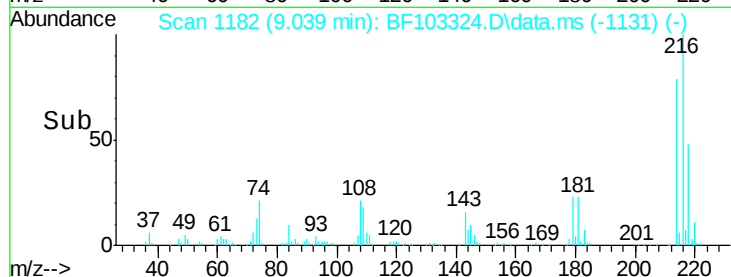
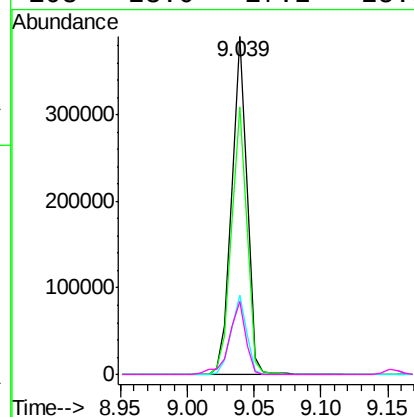
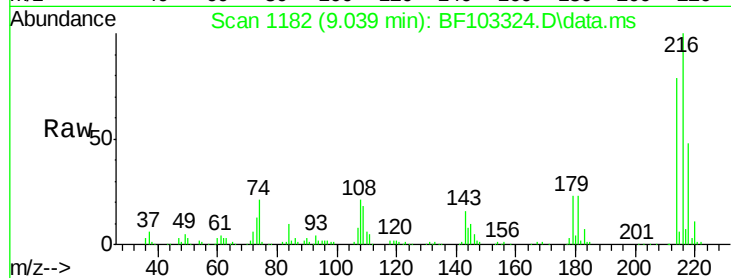




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.63 ng
 RT: 9.039 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

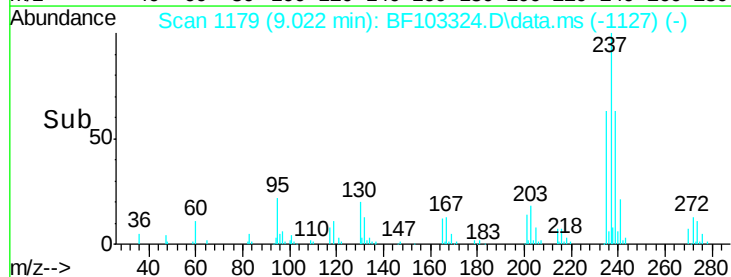
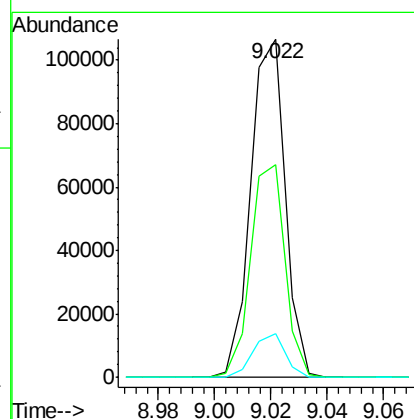
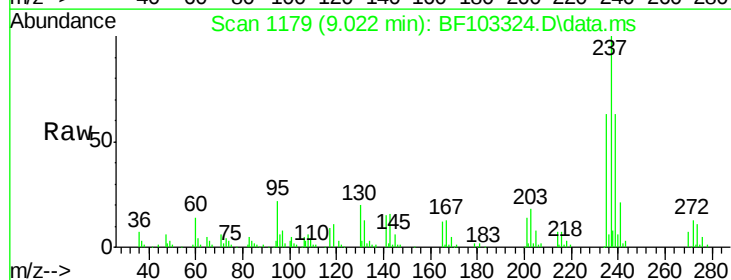
Instrument :
 BNA_F
 ClientSampleId :

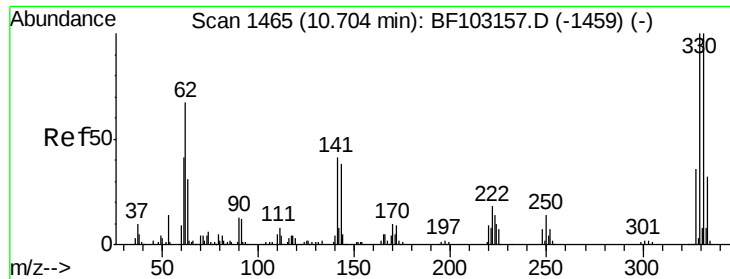
Tot Ion:	216	Resp:	321595
Ion Ratio		Lower	Upper
216	100		
214	79.6	63.0	94.4
179	23.6	18.1	27.1
108	23.0	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 34.90 ng
 RT: 9.022 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion:	237	Resp:	90565
Ion Ratio		Lower	Upper
237	100		
235	63.0	44.8	84.8
272	13.1	0.0	33.3

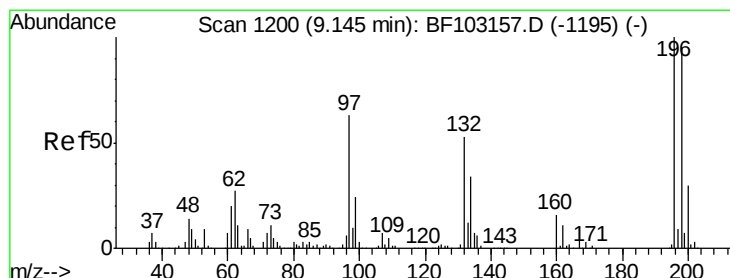
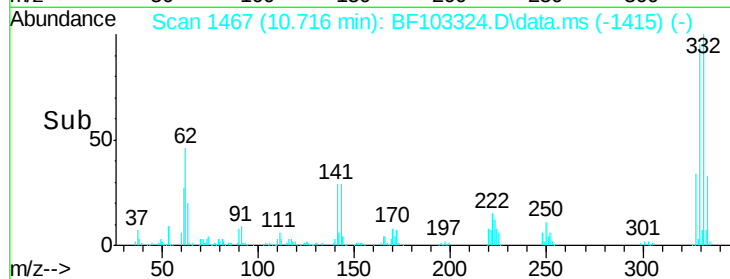
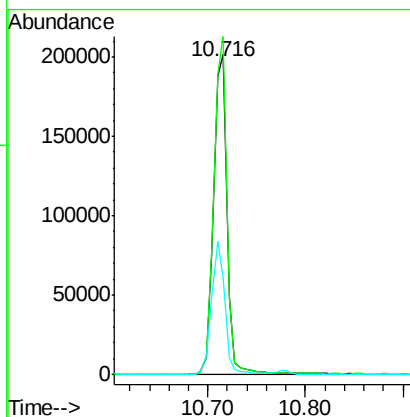
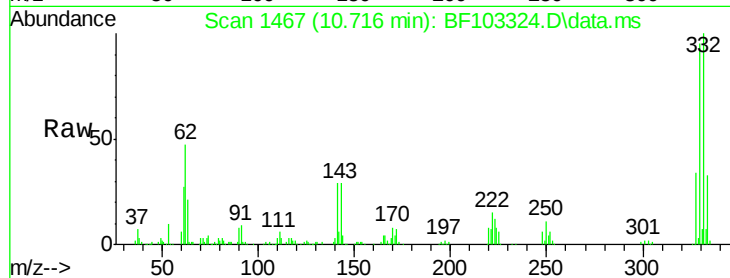




#41
 2,4,6-Tribromophenol
 Concen: 71.86 ng
 RT: 10.716 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

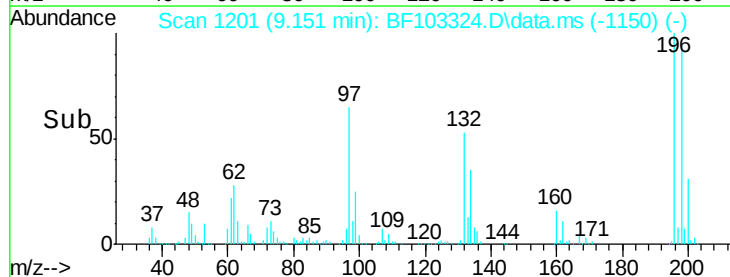
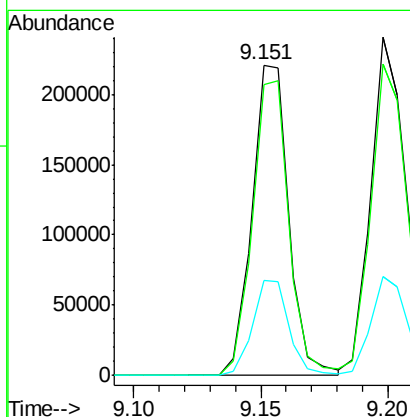
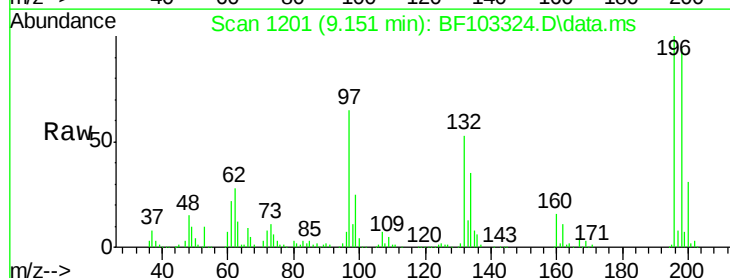
Instrument :
 BNA_F
 ClientSampled :

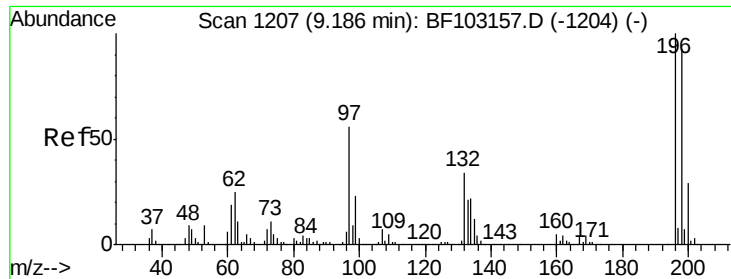
Tot Ion:330 Resp: 195305
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 40.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.75 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion:196 Resp: 222997
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 200 30.6 24.5 36.7

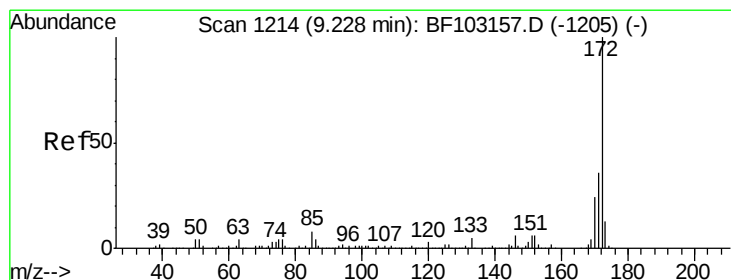
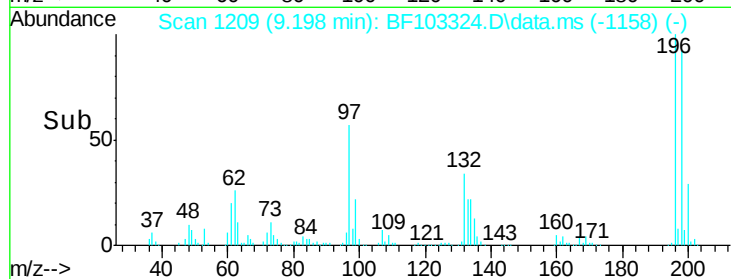
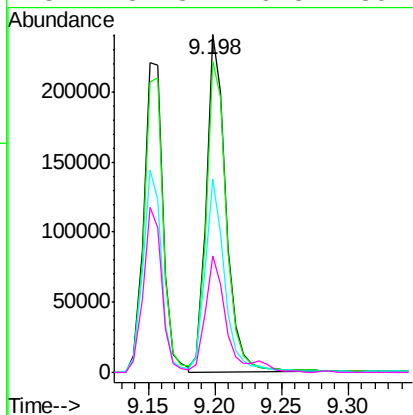
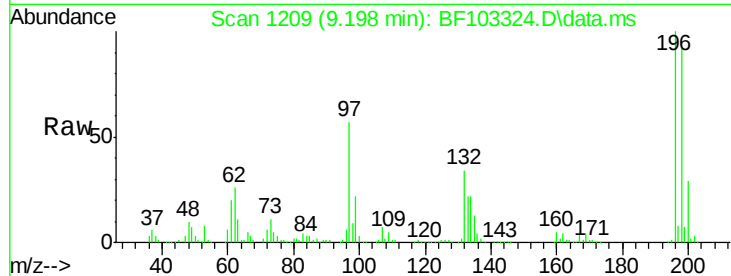




#43
 2,4,5-Trichlorophenol
 Concen: 36.64 ng
 RT: 9.198 min Scan# 1207
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

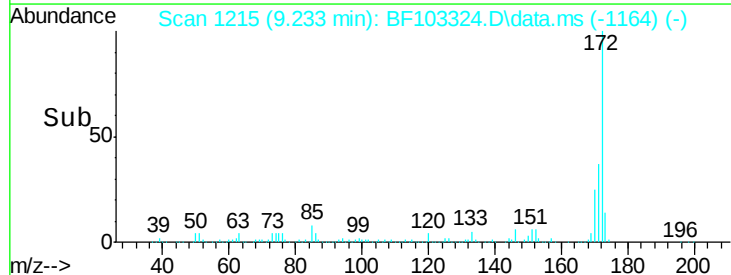
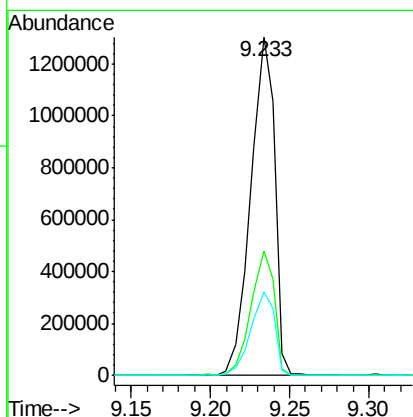
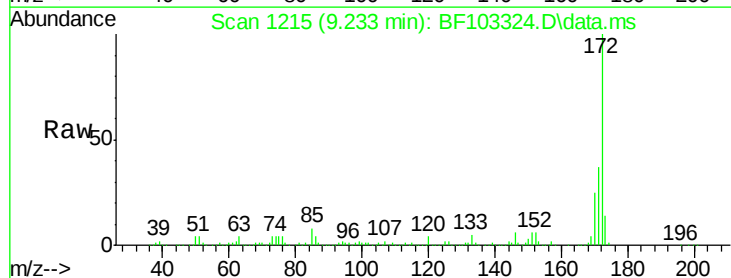
Instrument :
 BNA_F
 ClientSampleId :

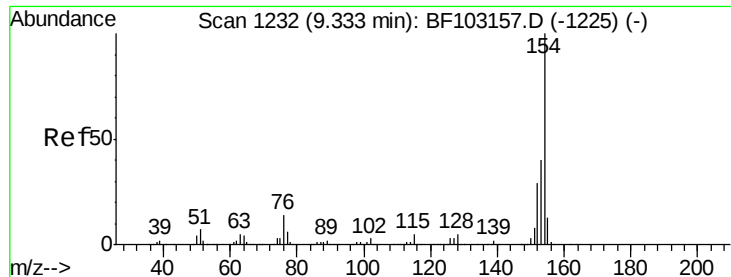
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.6	112.0
97	57.3	42.9	64.3
132	34.3	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 70.43 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

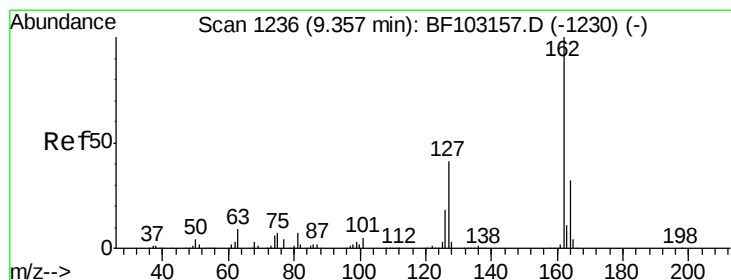
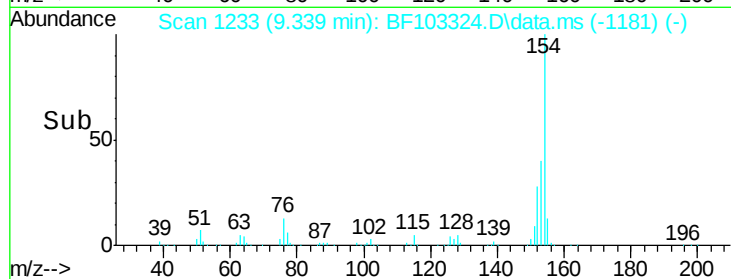
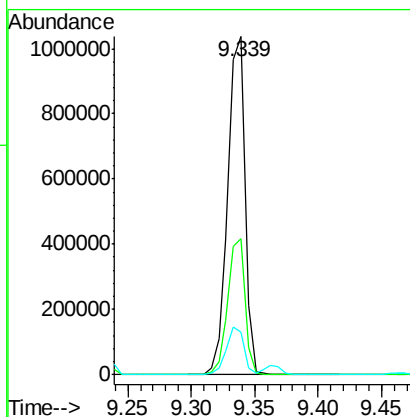
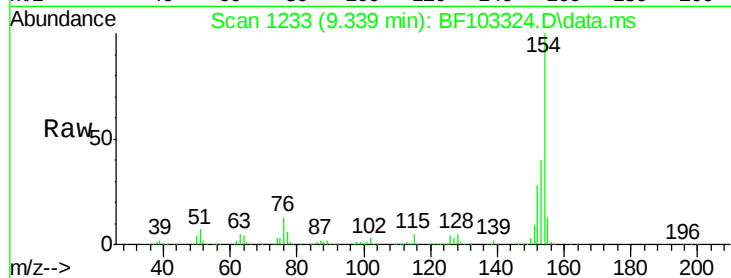




#45
 1,1'-Biphenyl
 Concen: 36.47 ng
 RT: 9.339 min Scan# 1232
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

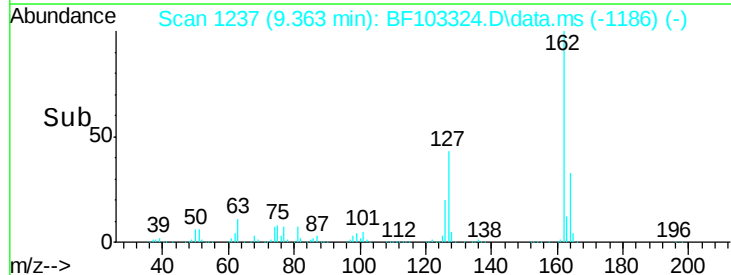
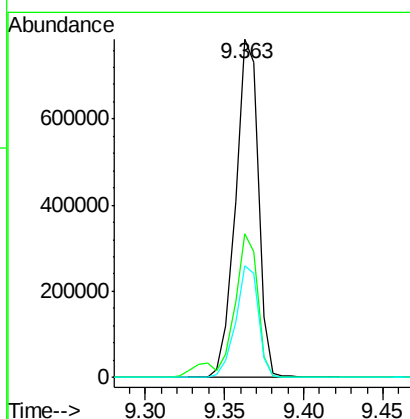
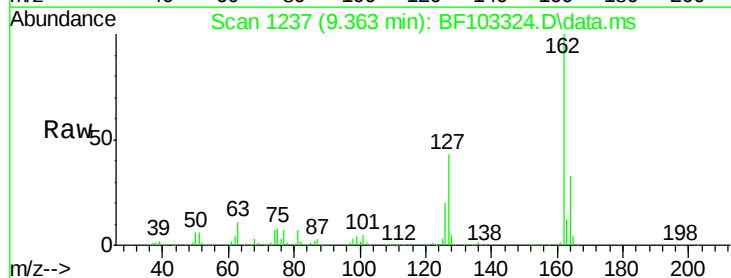
Instrument :
 BNA_F
 ClientSampled :

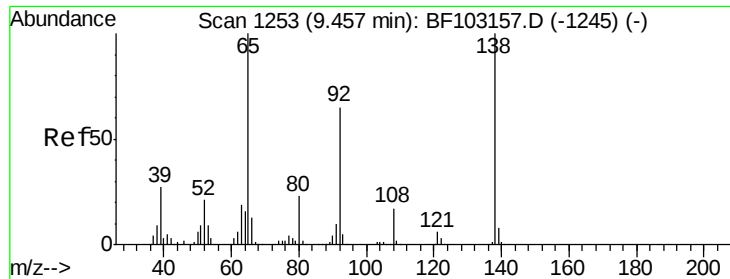
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	12.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 36.79 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.9	50.9
164	33.0	26.5	39.7

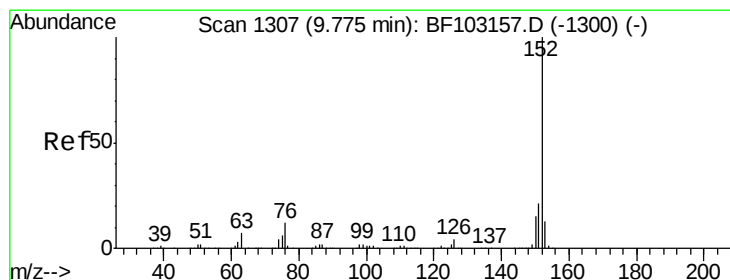
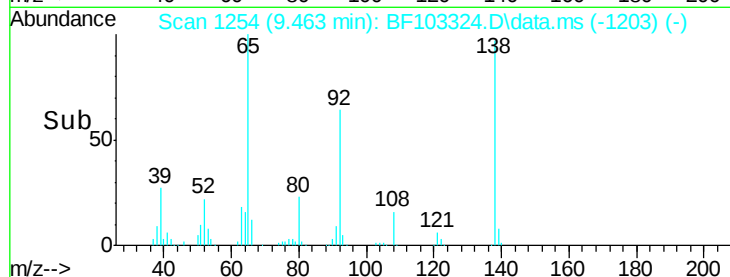
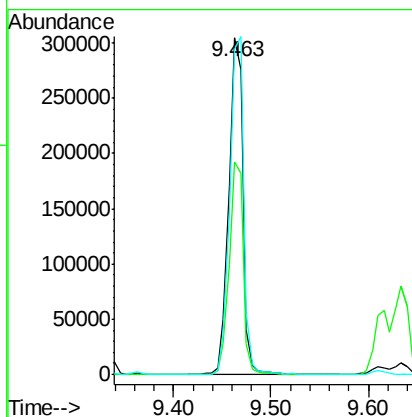
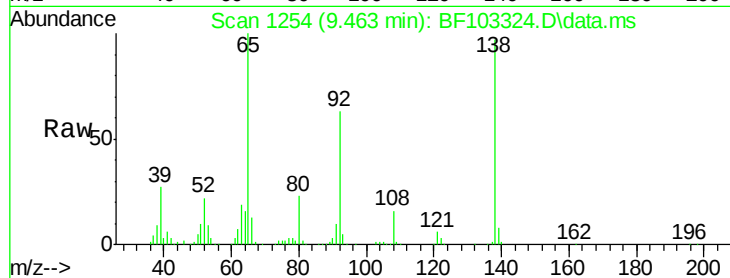




#47
2-Nitroaniline
Concen: 38.98 ng
RT: 9.463 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

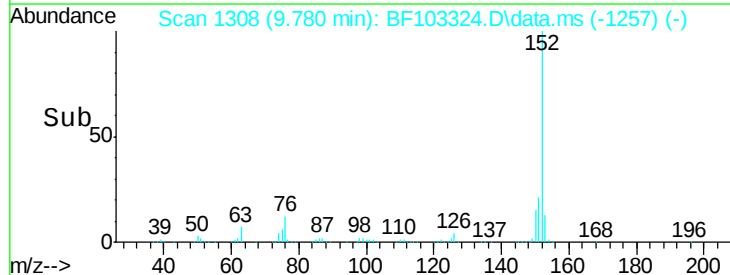
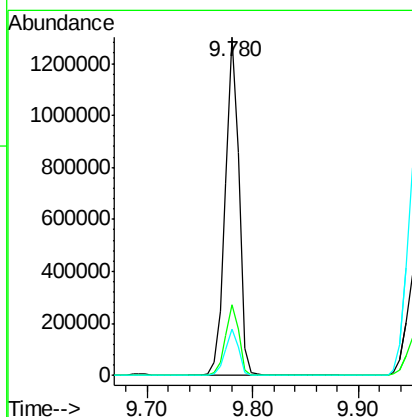
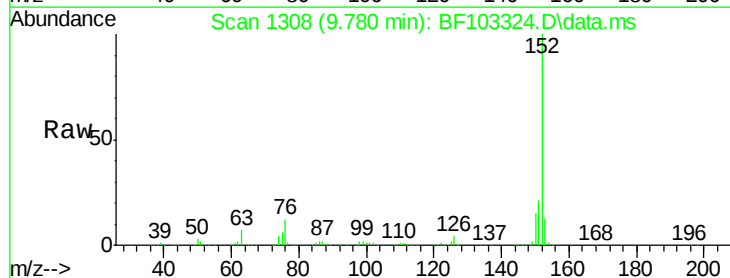
Instrument :
BNA_F
ClientSampleId :

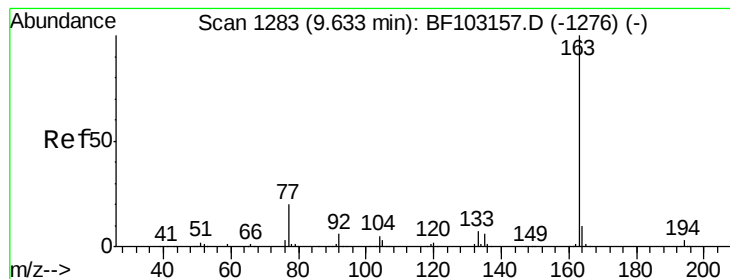
Tot Ion: 65 Resp: 307352
Ion Ratio Lower Upper
65 100
92 63.4 55.8 83.6
138 96.8 91.2 136.8



#48
Acenaphthylene
Concen: 35.84 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion: 152 Resp: 1174027
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 36.20 ng

RT: 9.633 min Scan# 12

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

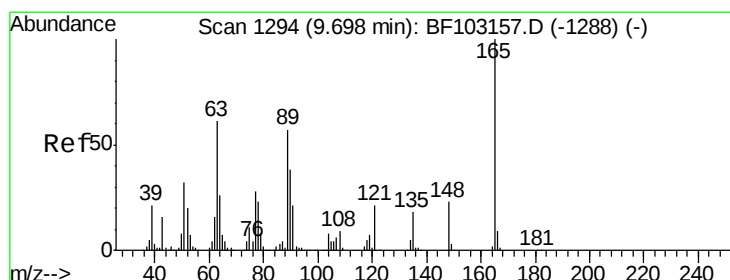
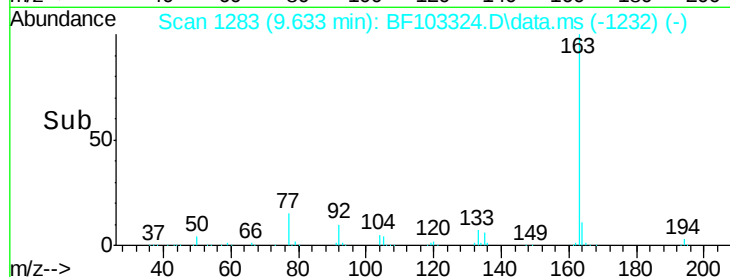
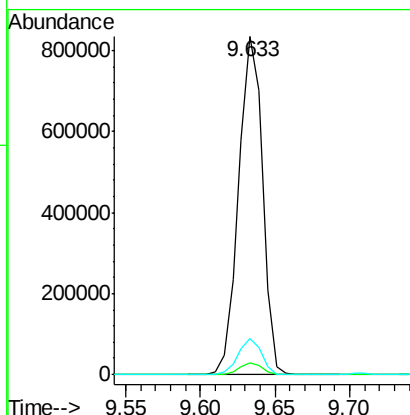
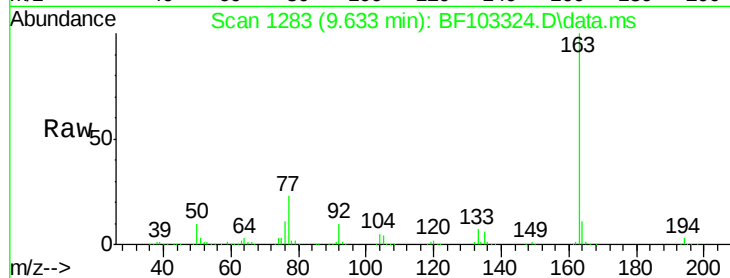
Tot Ion:163 Resp: 932612

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 10.6 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 37.70 ng

RT: 9.710 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

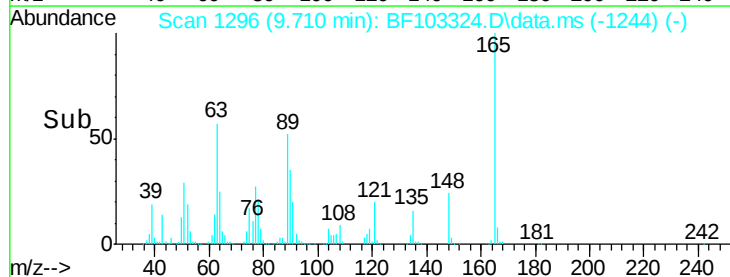
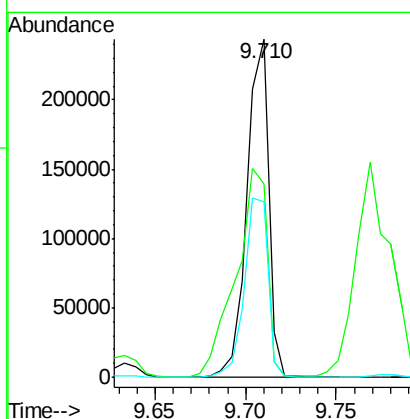
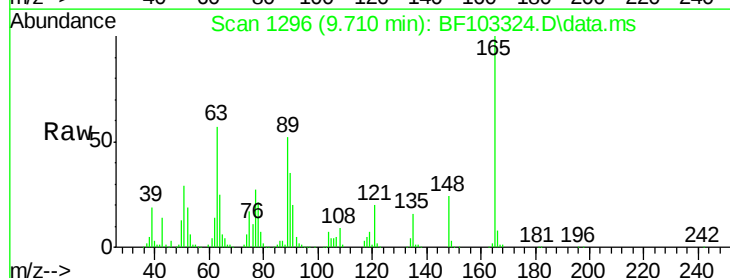
Tgt Ion:165 Resp: 203794

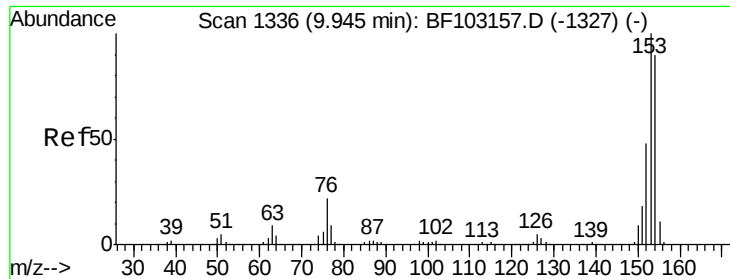
Ion Ratio Lower Upper

165 100

63 57.3 44.7 67.1

89 51.8 44.0 66.0





#51

Acenaphthene

Concen: 35.83 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

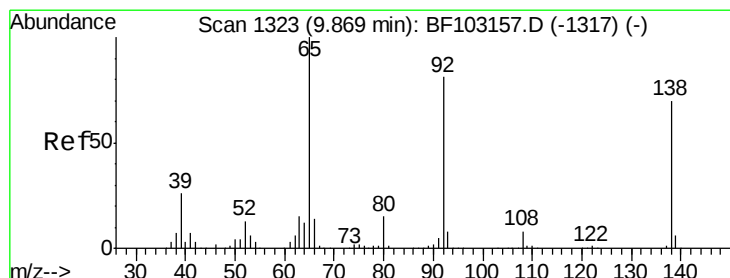
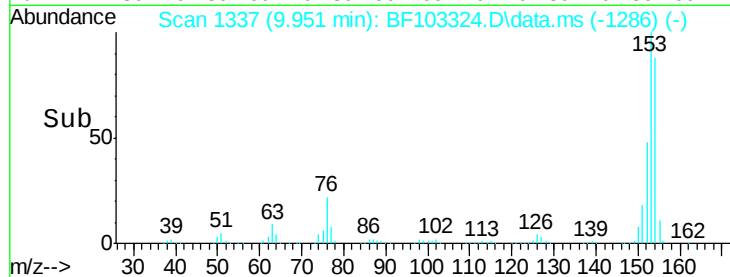
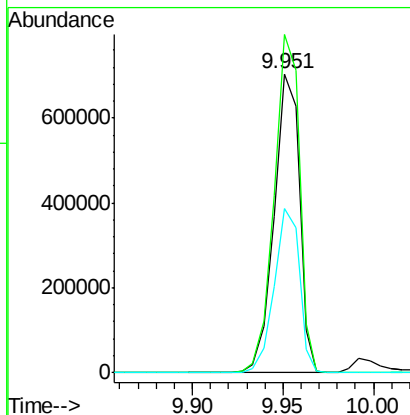
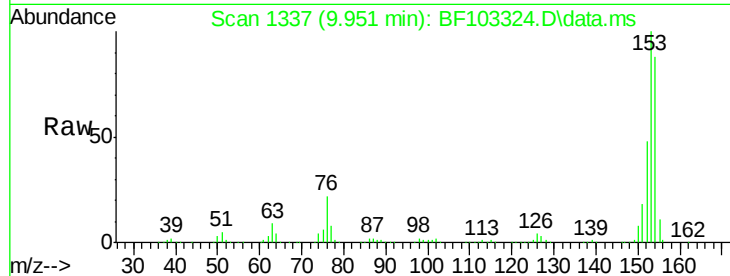
Tot Ion:154 Resp: 684295

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

152 54.7 43.8 65.8



#52

3-Nitroaniline

Concen: 37.24 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

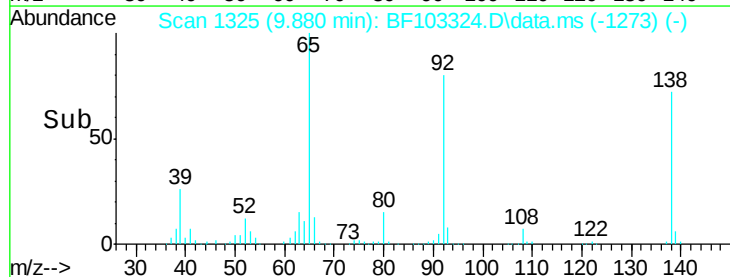
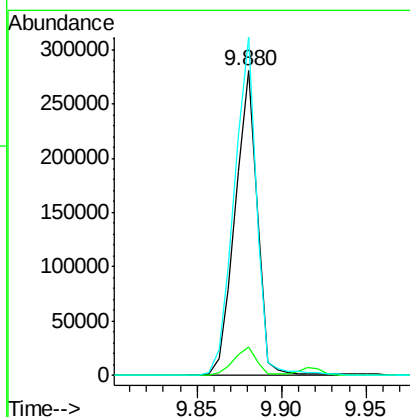
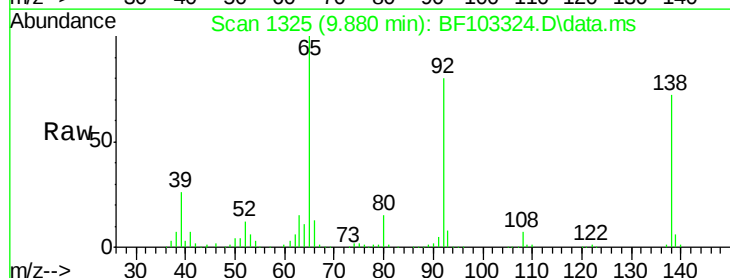
Tgt Ion:138 Resp: 255440

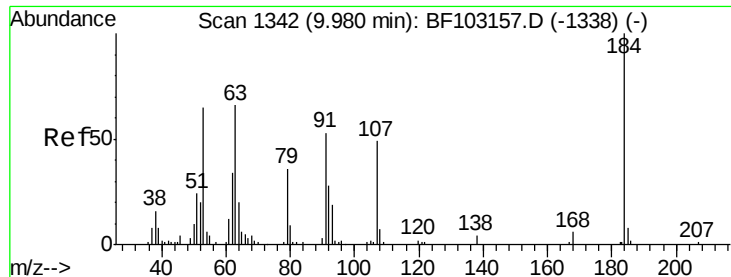
Ion Ratio Lower Upper

138 100

108 9.2 9.4 14.0#

92 110.9 89.4 134.2

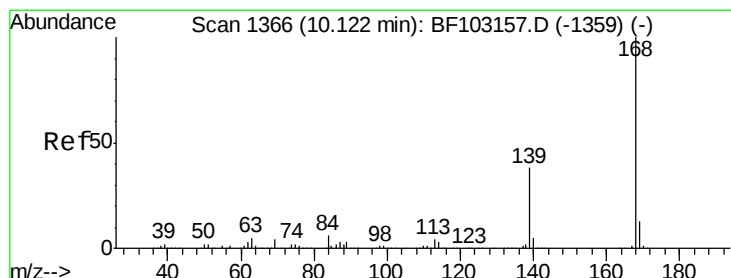
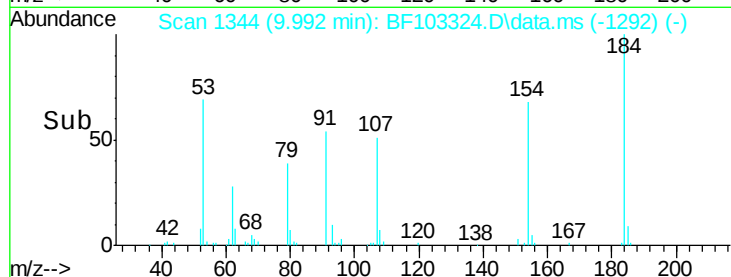
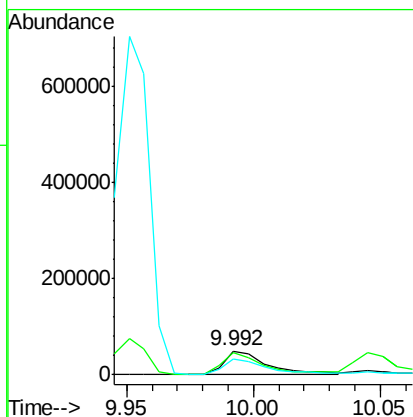
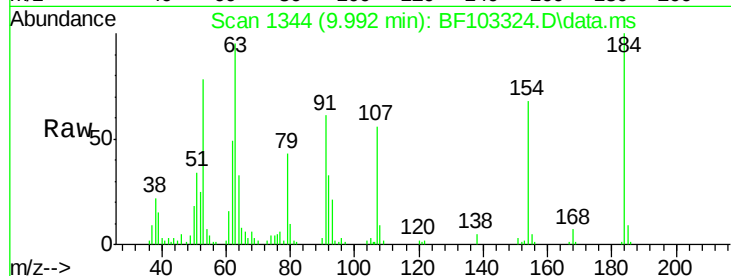




#53
2,4-Dinitrophenol
Concen: 35.84 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

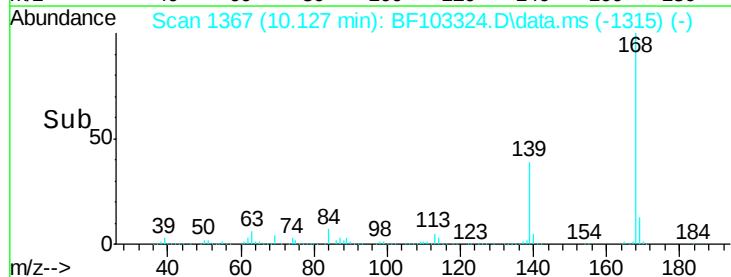
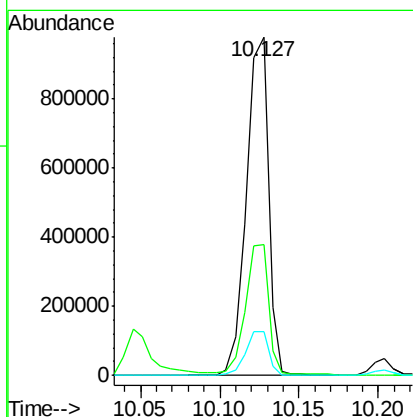
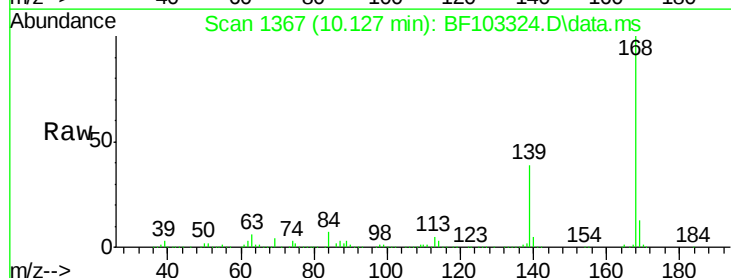
Instrument :
BNA_F
ClientSampleId :

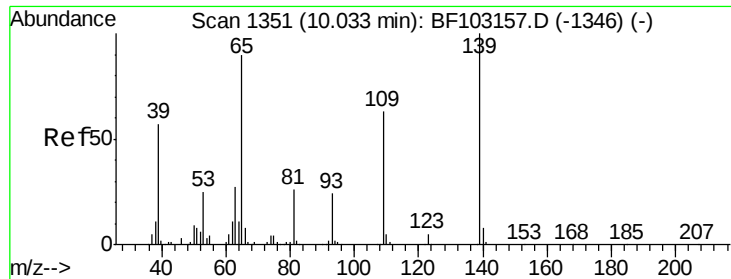
Tot Ion:184 Resp: 58187
Ion Ratio Lower Upper
184 100
63 95.4 54.2 81.2#
154 68.3 184.0 276.0#



#54
Dibenzofuran
Concen: 36.11 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion:168 Resp: 946842
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.0 10.9 16.3





#55

4-Nitrophenol

Concen: 37.43 ng

RT: 10.045 min Scan# 1351

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

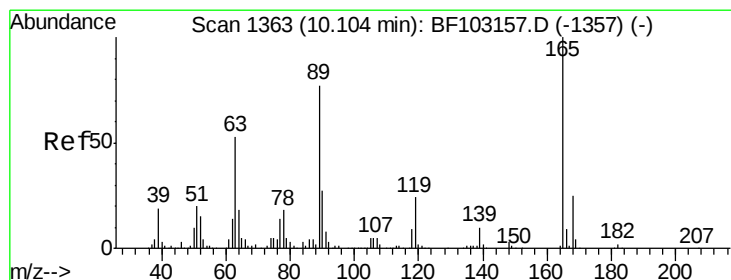
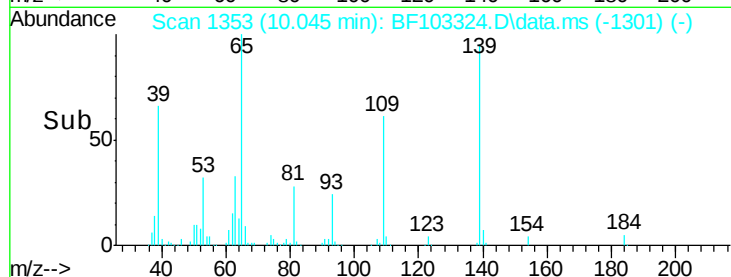
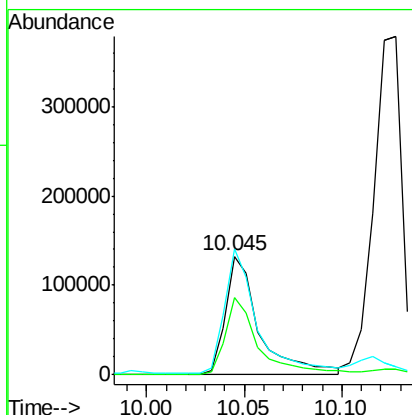
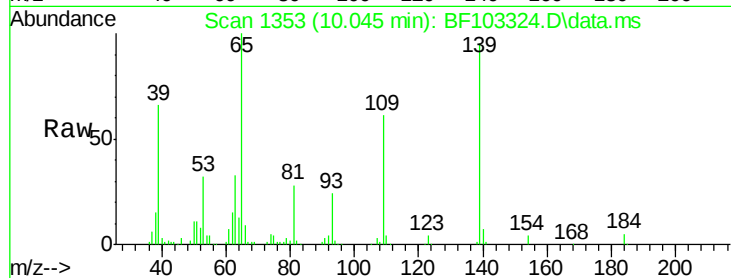
Tot Ion:139 Resp: 159092

Ion Ratio Lower Upper

139 100

109 65.0 48.4 88.4

65 105.8 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 35.77 ng

RT: 10.116 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Tgt Ion:165 Resp: 244543

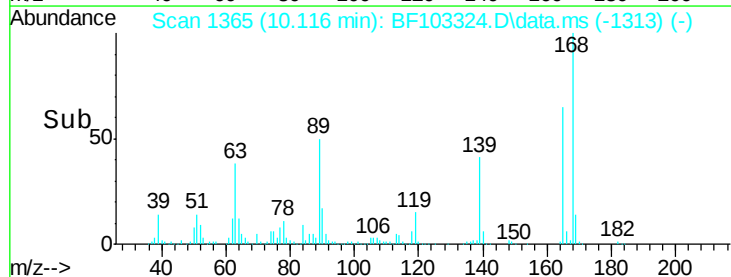
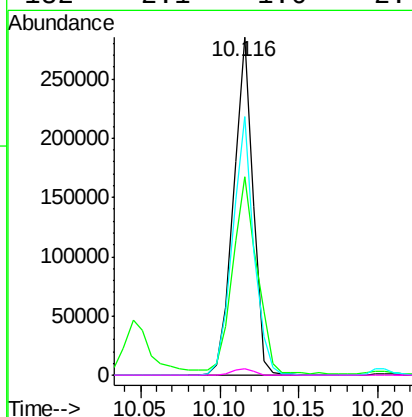
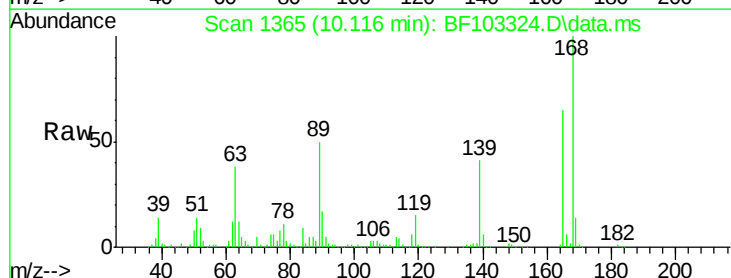
Ion Ratio Lower Upper

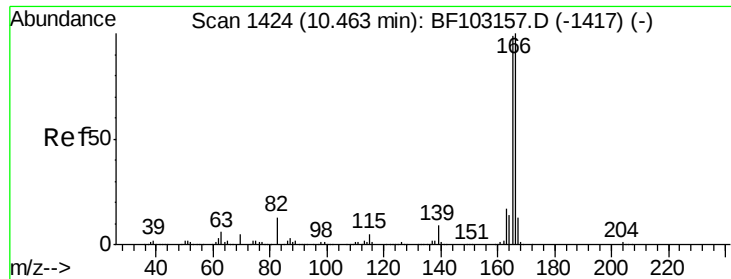
165 100

63 58.8 36.4 54.6#

89 76.3 57.8 86.6

182 2.1 1.6 2.4

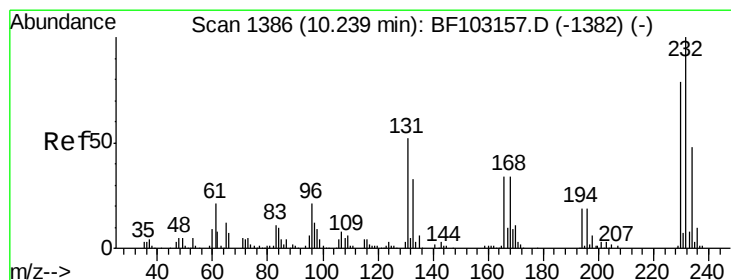
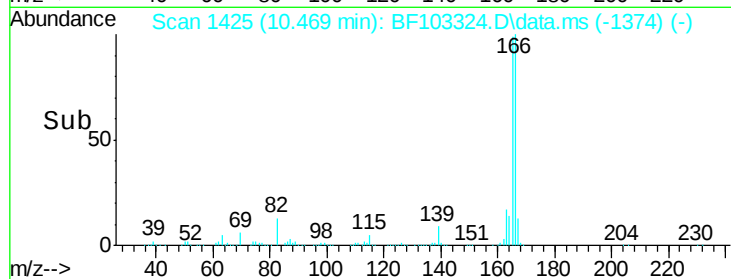
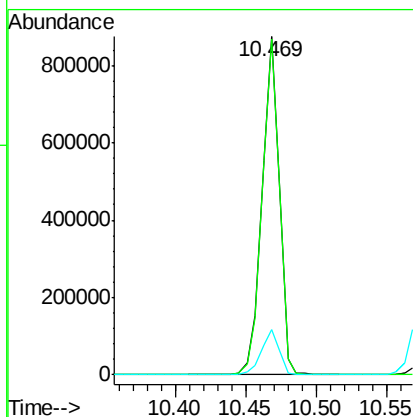
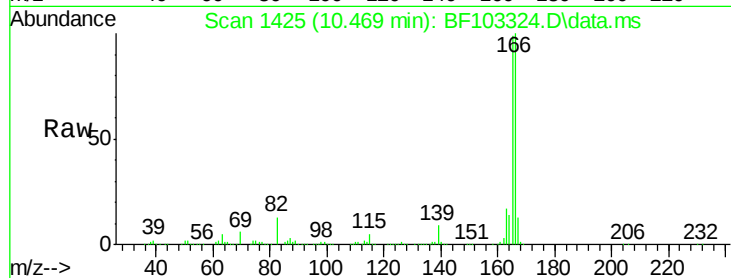




#57
 Fluorene
 Concen: 34.28 ng
 RT: 10.469 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

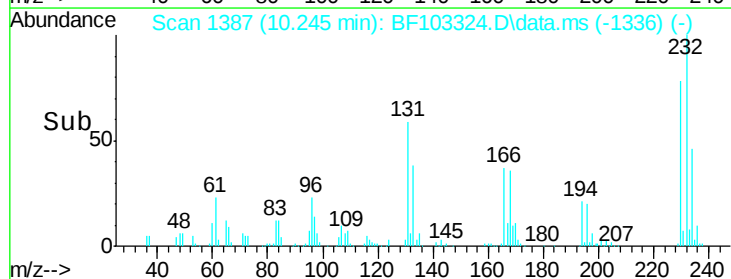
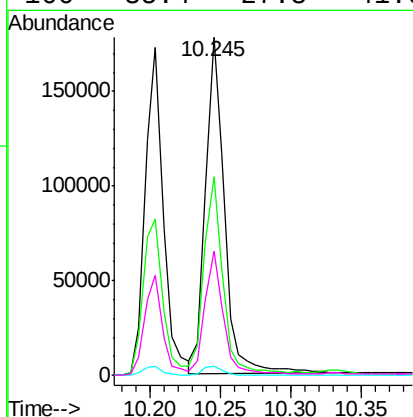
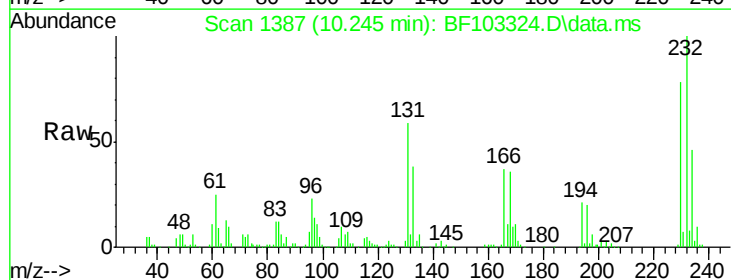
Instrument :
 BNA_F
 ClientSampleId :

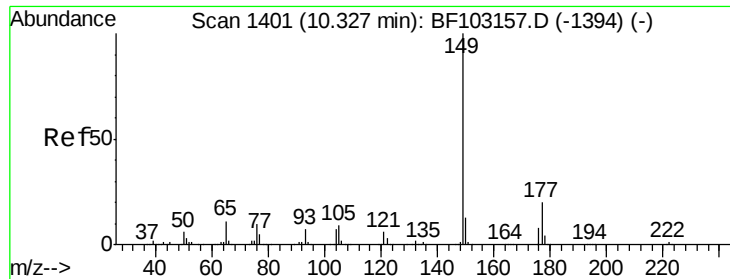
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.41 ng
 RT: 10.245 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.0	43.8	65.8
130	2.8	2.1	3.1
166	35.4	27.8	41.6





#59

Diethylphthalate

Concen: 35.85 ng

RT: 10.333 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

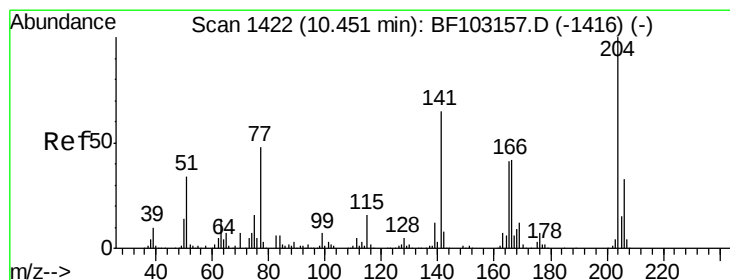
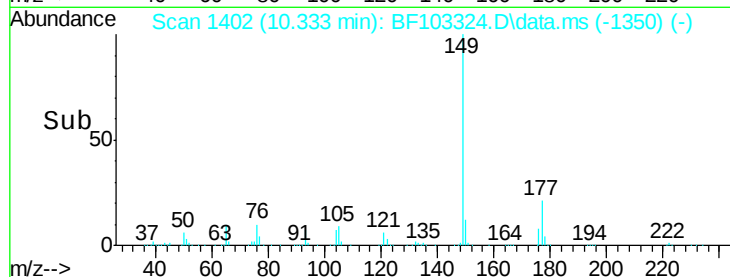
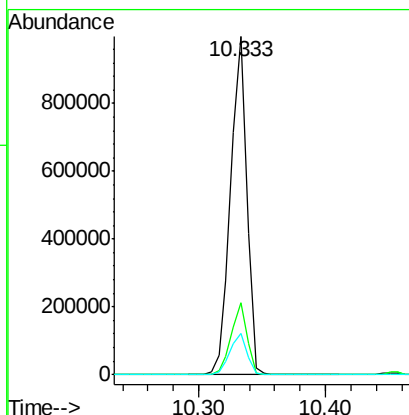
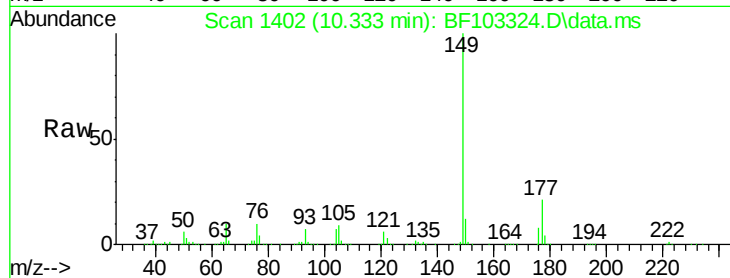
Tot Ion:149 Resp: 883348

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

150 12.3 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 36.07 ng

RT: 10.457 min Scan# 1423

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

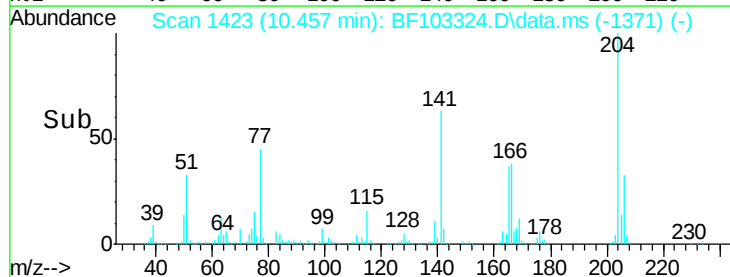
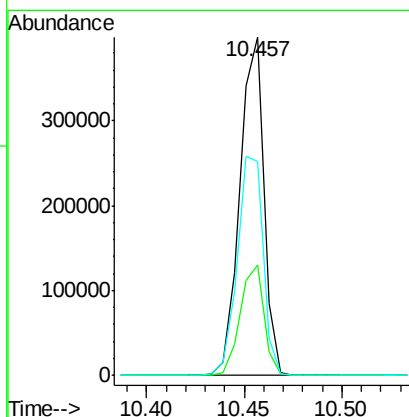
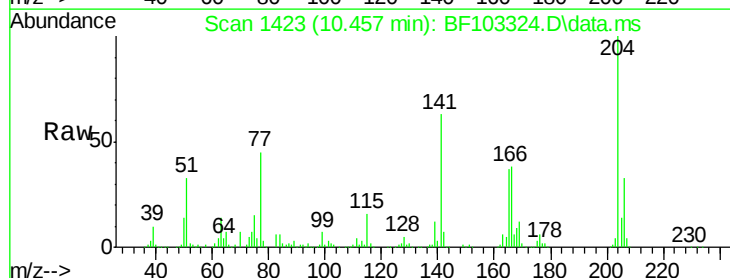
Tgt Ion:204 Resp: 341639

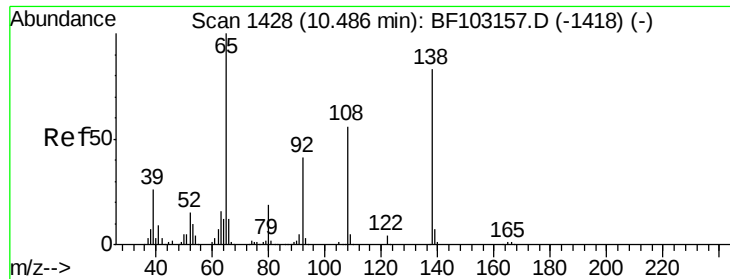
Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

141 63.4 54.6 81.8

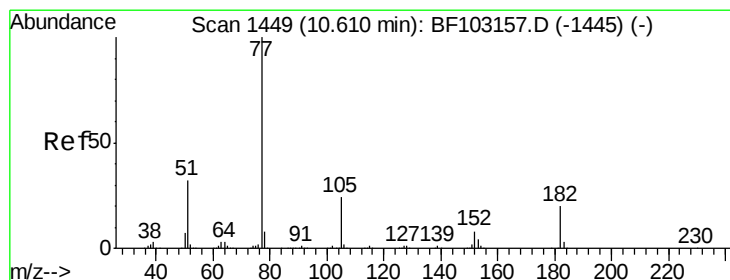
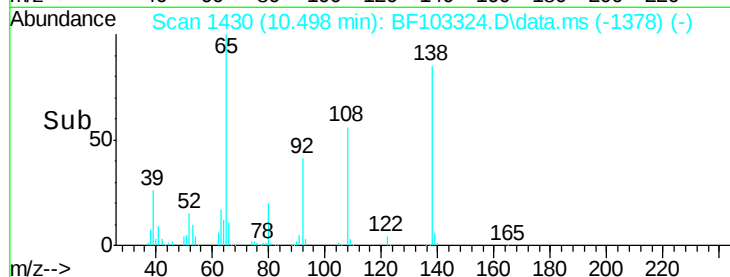
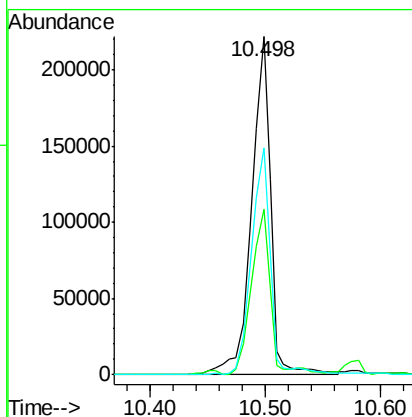
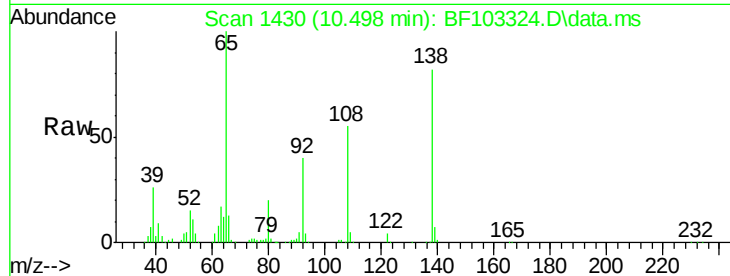




#61
4-Nitroaniline
Concen: 37.17 ng
RT: 10.498 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

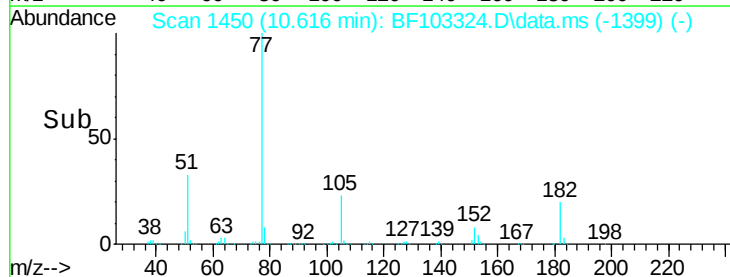
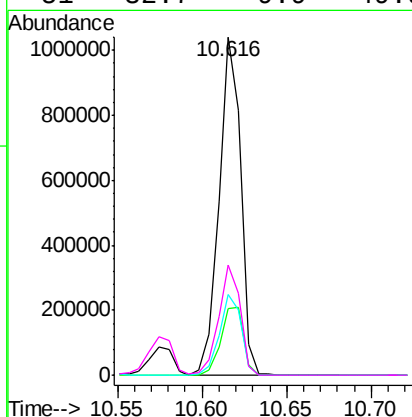
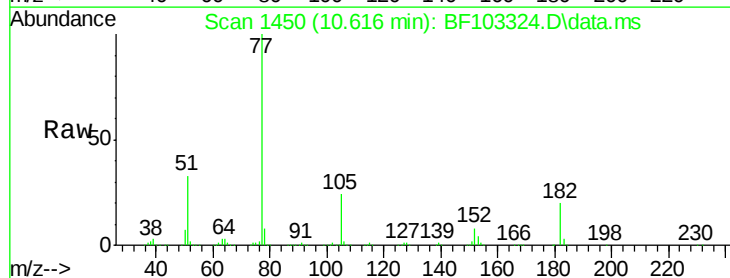
Instrument :
BNA_F
ClientSampleId :

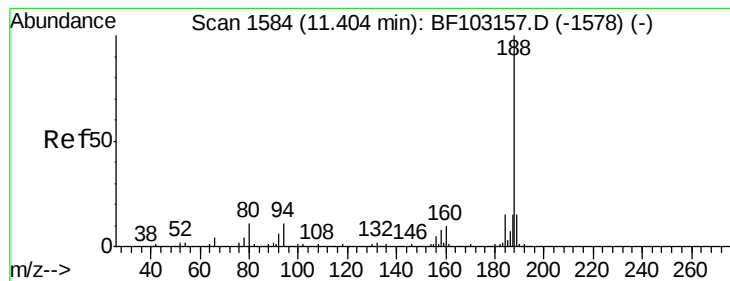
Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.2	70.2
108	67.1	52.5	92.5



#62
Azobenzene
Concen: 37.14 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	1.7	41.7
105	23.8	3.0	43.0
51	32.7	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: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

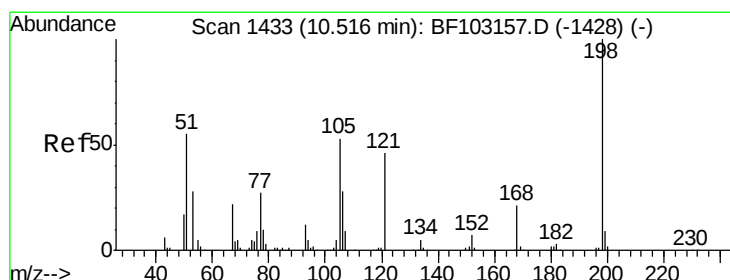
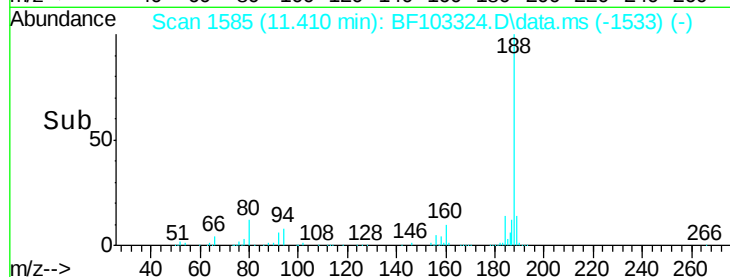
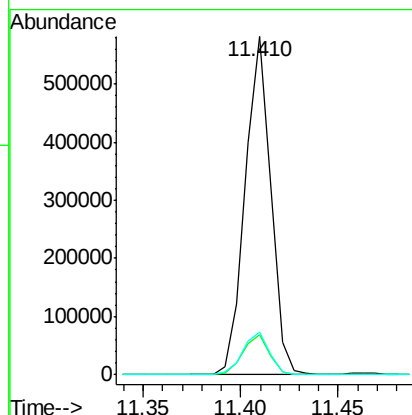
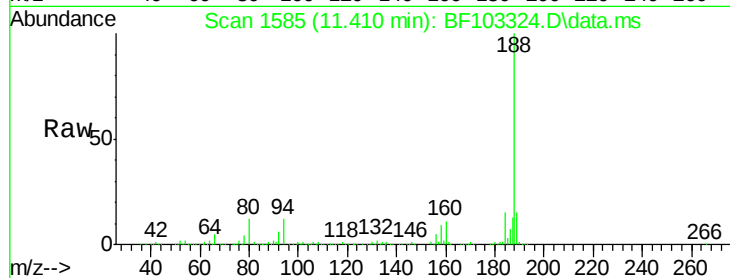
Tot Ion:188 Resp: 529943

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

80 12.4 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 38.42 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

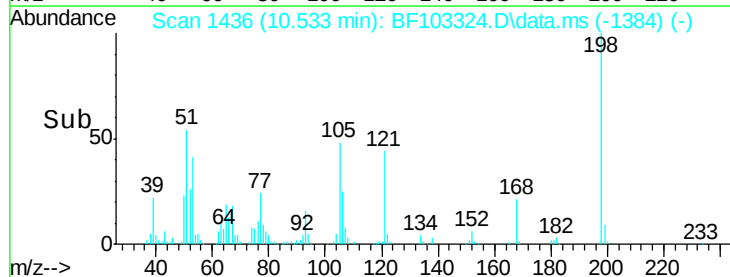
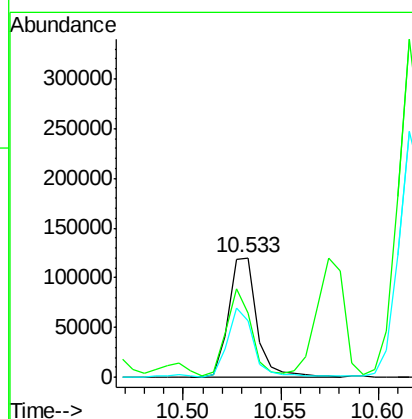
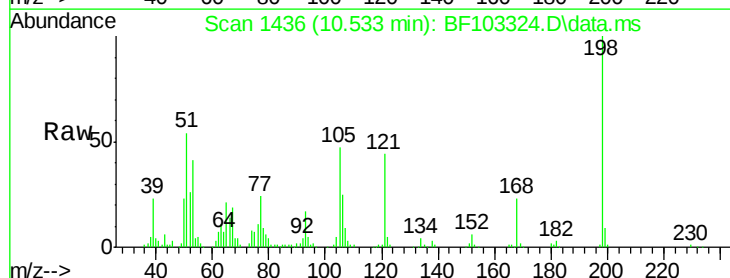
Tgt Ion:198 Resp: 120349

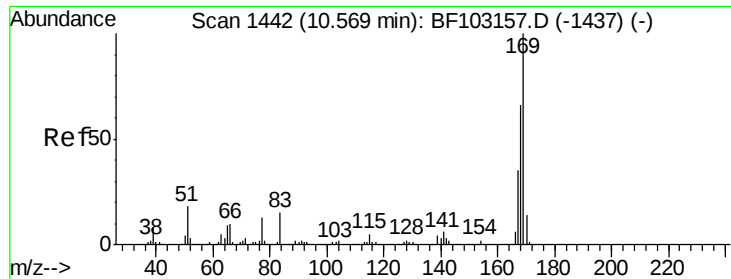
Ion Ratio Lower Upper

198 100

51 53.9 37.7 77.7

105 47.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.52 ng

RT: 10.580 min Scan# 1442

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

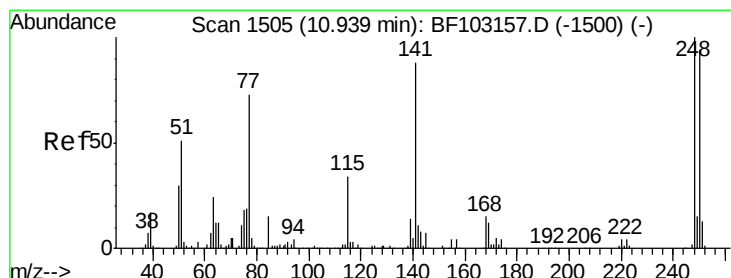
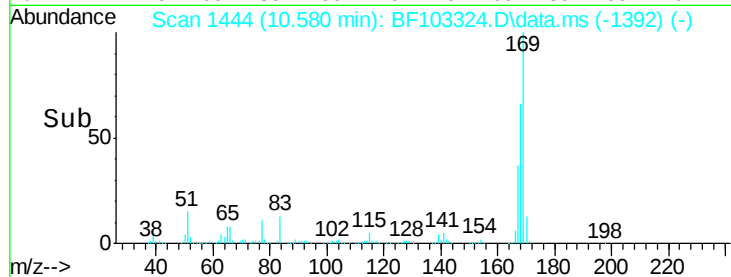
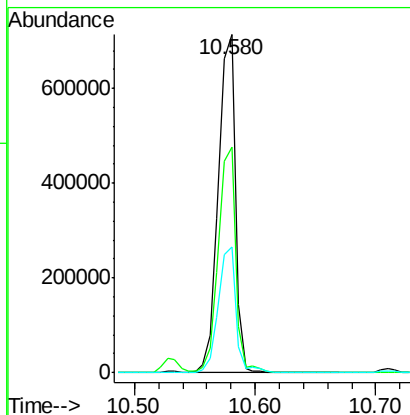
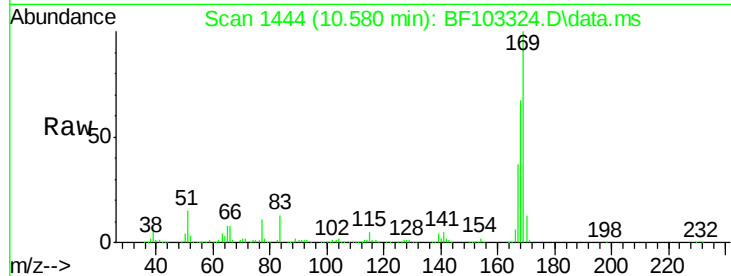
Tot Ion:169 Resp: 692285

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

167 37.2 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 38.32 ng

RT: 10.945 min Scan# 1506

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

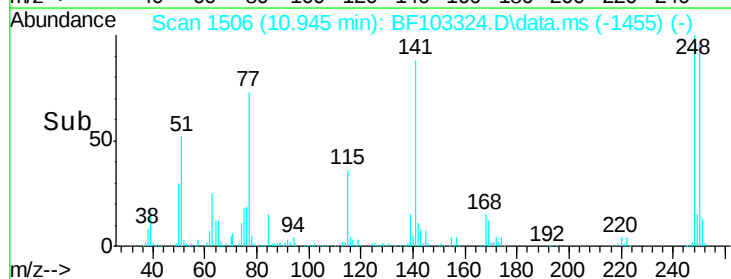
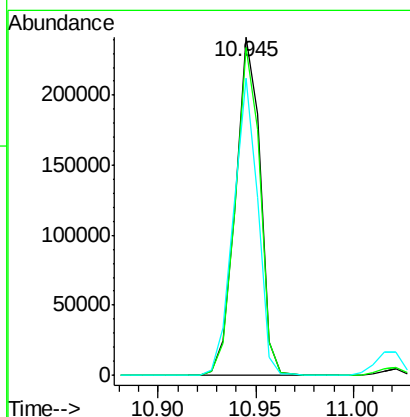
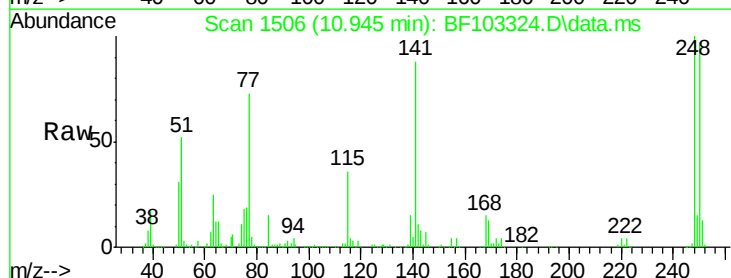
Tgt Ion:248 Resp: 211563

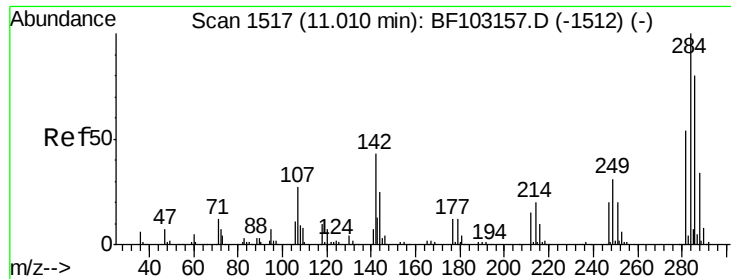
Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

141 88.1 74.4 111.6

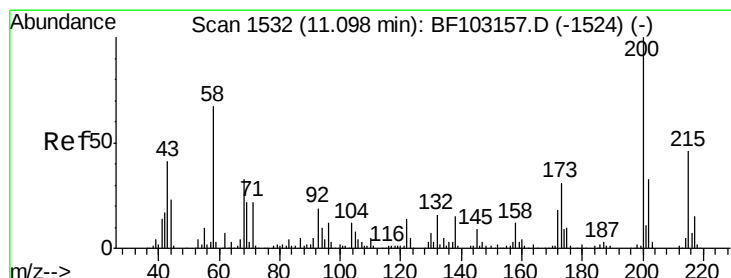
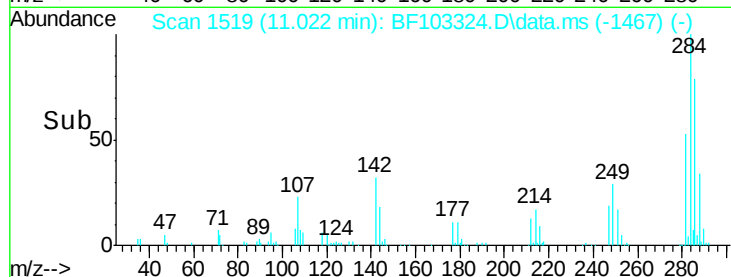
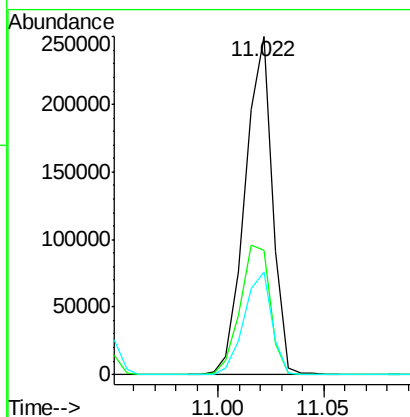
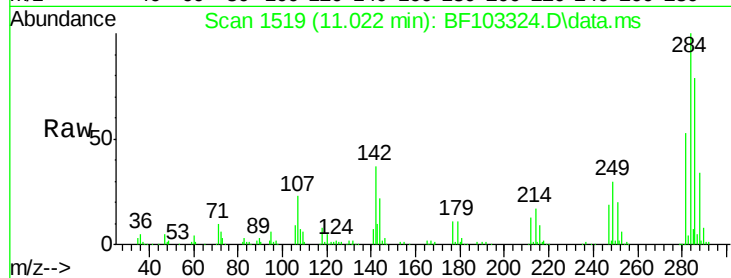




#67
Hexachlorobenzene
Concen: 37.40 ng
RT: 11.022 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

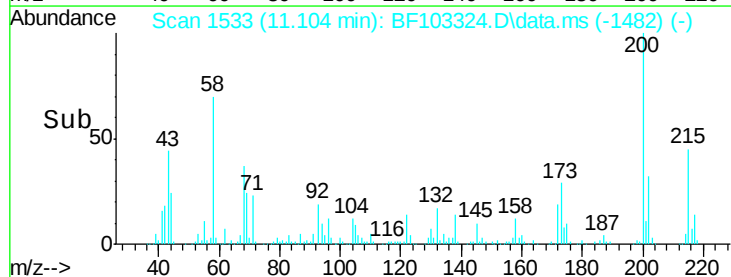
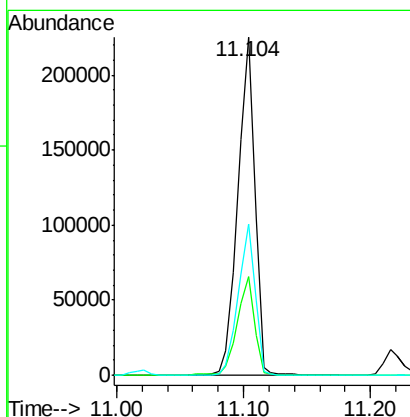
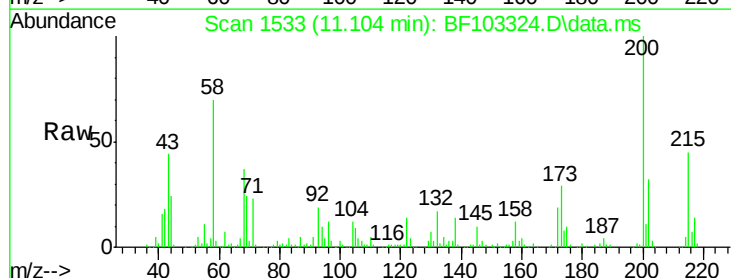
Instrument :
BNA_F
ClientSampled :

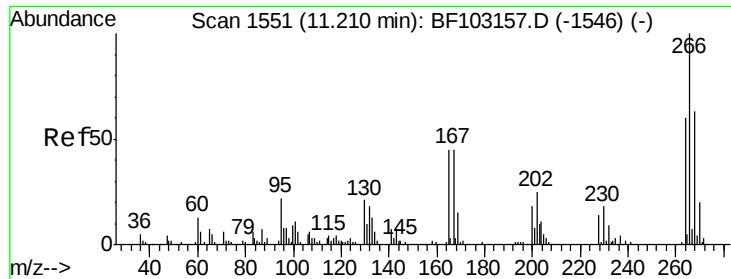
Tot Ion:284 Resp: 224113
Ion Ratio Lower Upper
284 100
142 36.9 34.6 52.0
249 30.2 24.8 37.2



#68
Atrazine
Concen: 37.23 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion:200 Resp: 206474
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 44.7 25.1 65.1





#69

Pentachlorophenol

Concen: 33.15 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

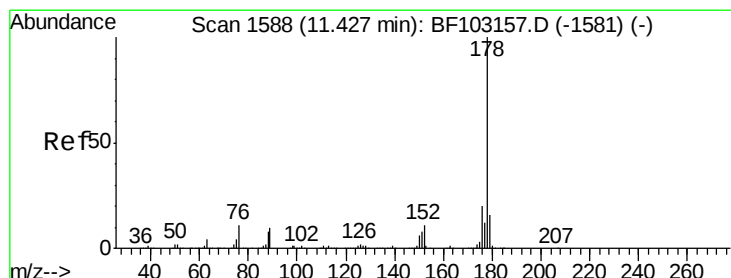
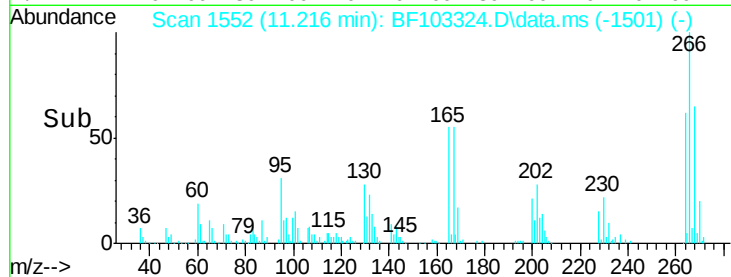
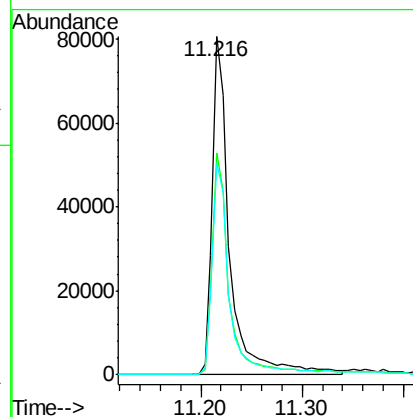
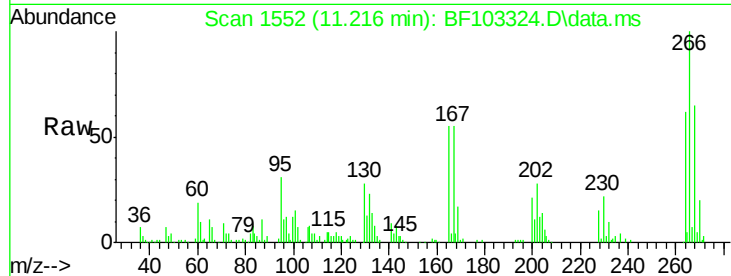
Tot Ion:266 Resp: 96027

Ion Ratio Lower Upper

266 100

268 65.4 51.1 76.7

264 62.4 49.5 74.3



#70

Phenanthrene

Concen: 36.16 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

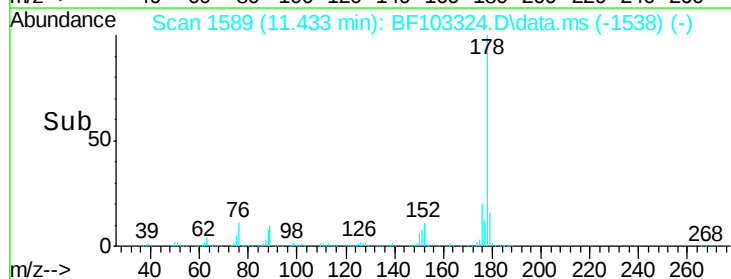
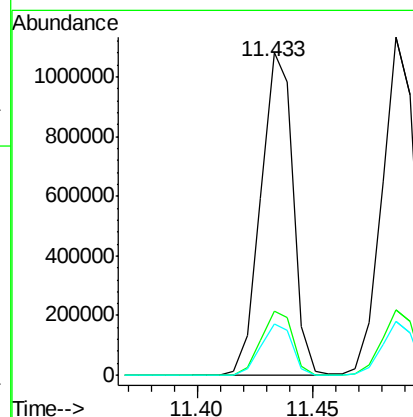
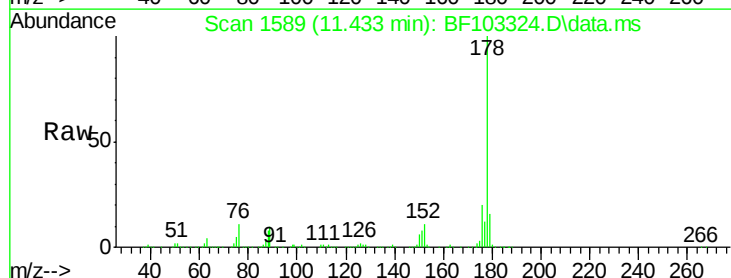
Tgt Ion:178 Resp: 1054627

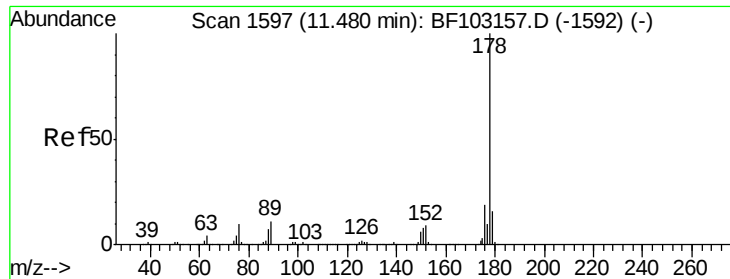
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.8 13.0 19.6

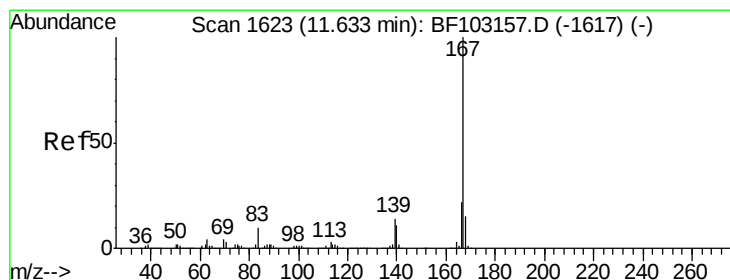
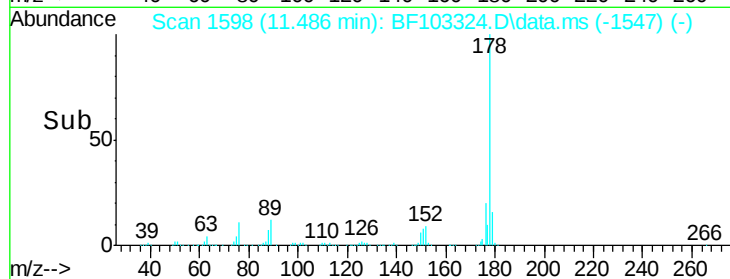
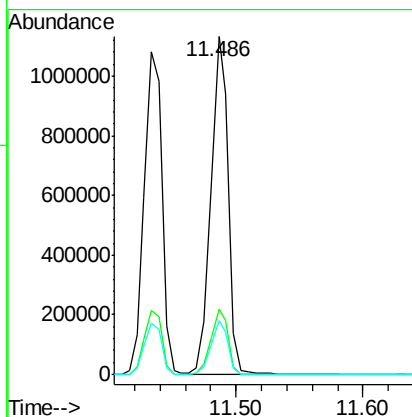
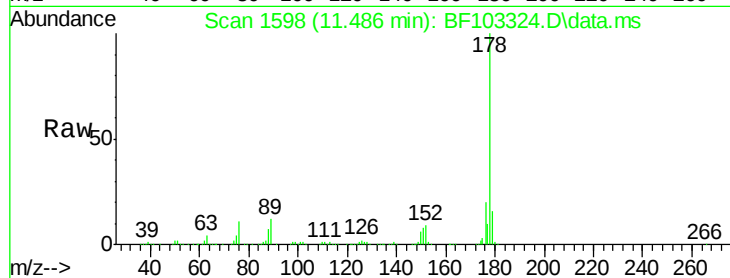




#71
 Anthracene
 Concen: 36.46 ng
 RT: 11.486 min Scan# 1597
 Delta R.T. -0.000 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

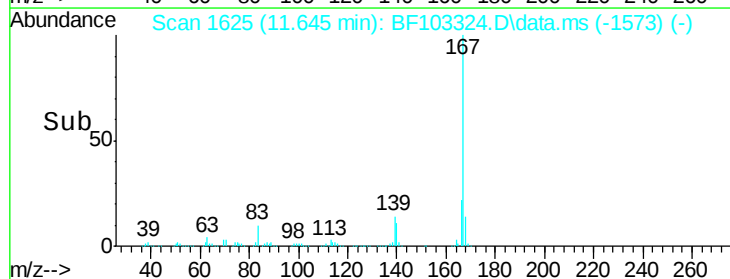
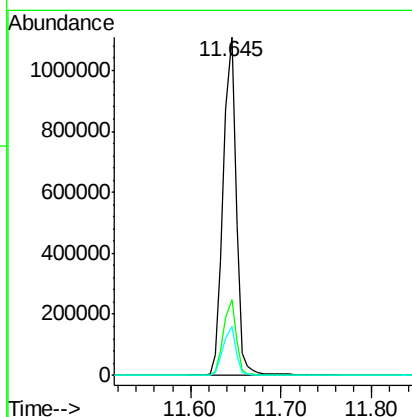
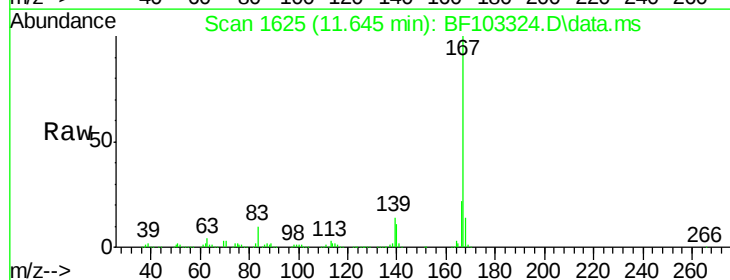
Instrument :
 BNA_F
 ClientSampleId :

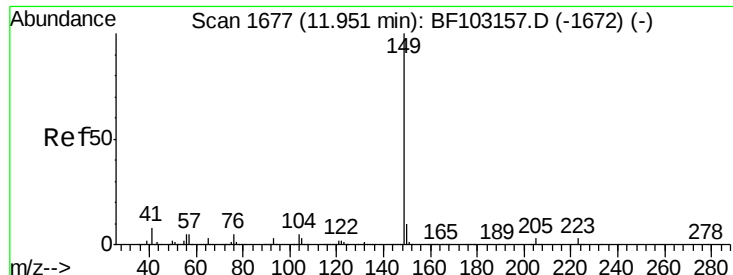
Tot Ion:178 Resp: 1090263
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 36.57 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion:167 Resp: 1089030
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.34 ng

RT: 11.957 min Scan# 16

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

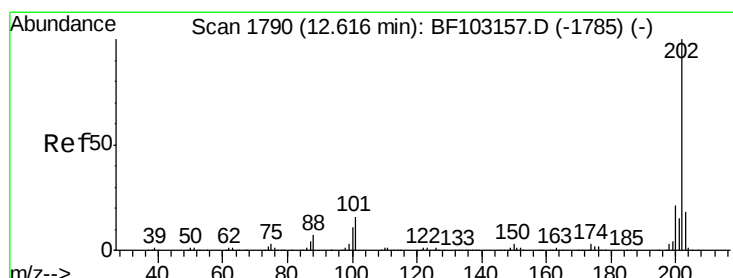
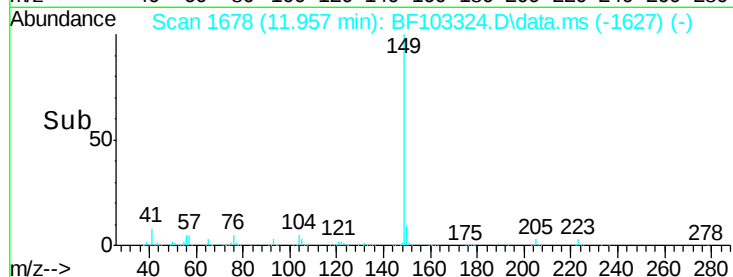
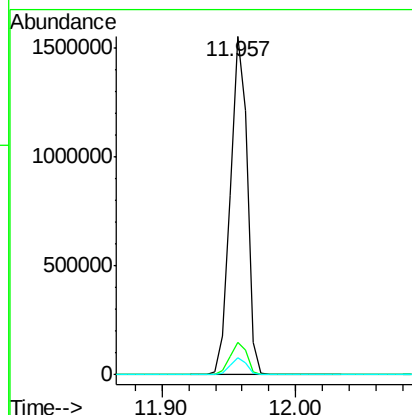
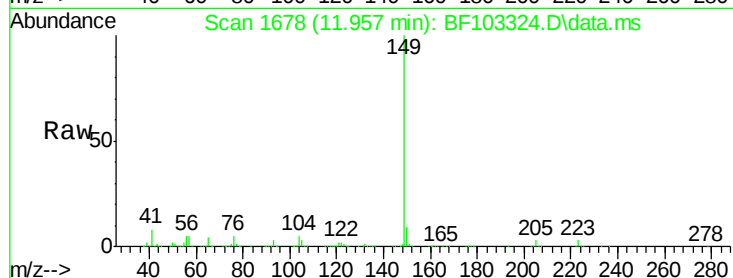
Tot Ion:149 Resp: 1391643

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 4.8 3.8 5.8



#74

Fluoranthene

Concen: 35.87 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

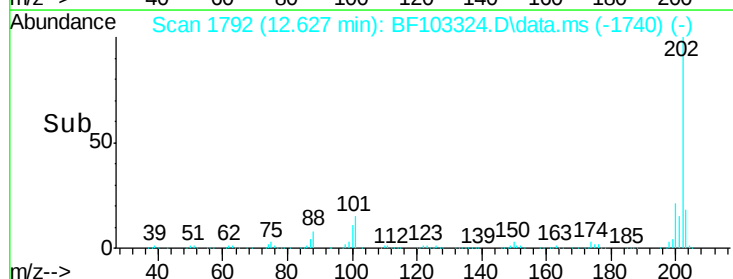
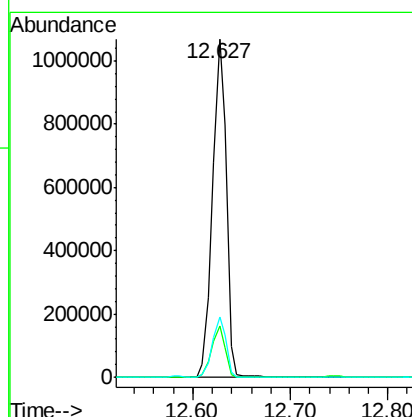
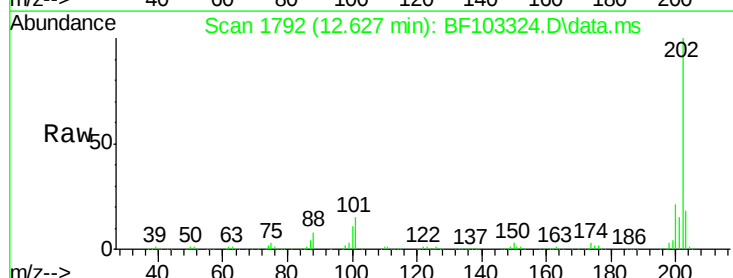
Tgt Ion:202 Resp: 1051291

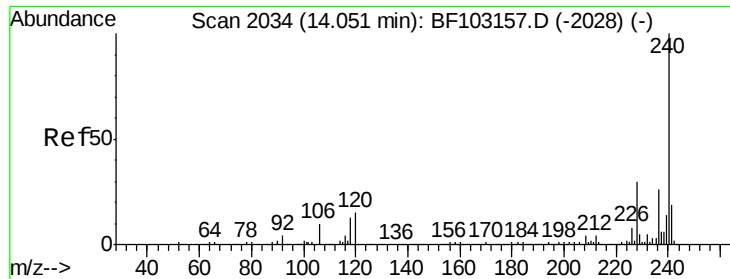
Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

203 18.0 0.0 38.1

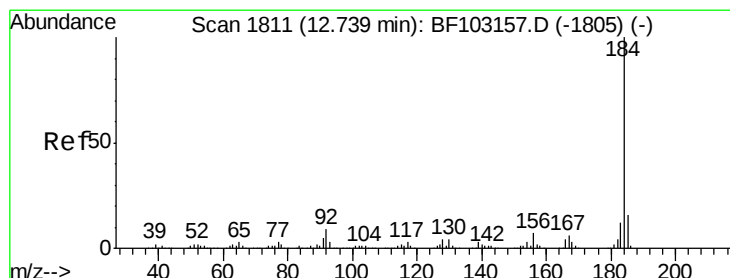
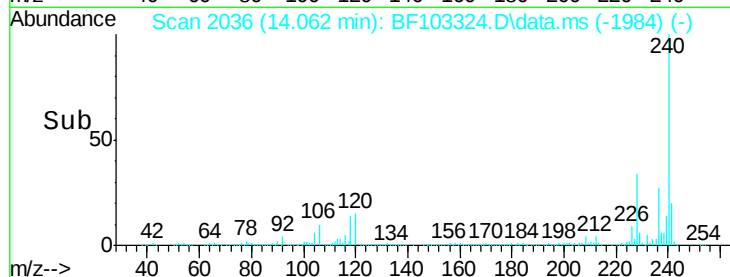
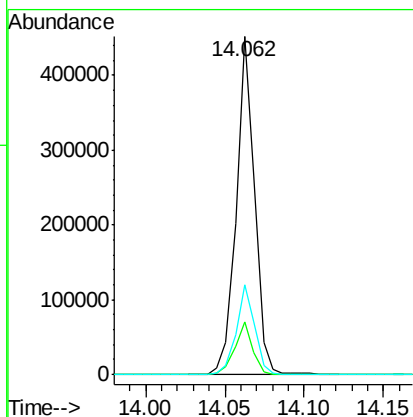
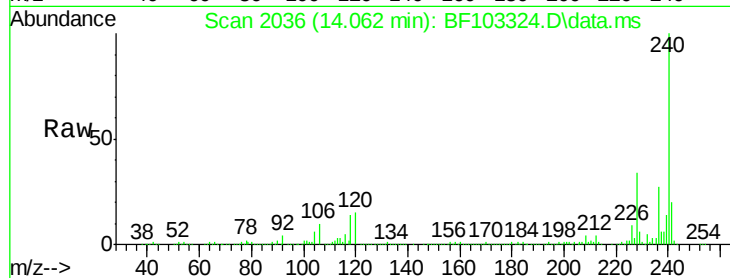




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.062 min Scan# 2034
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

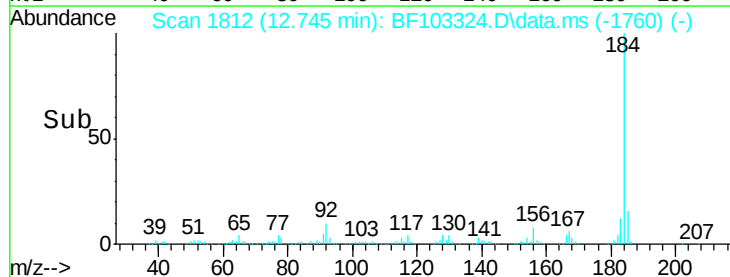
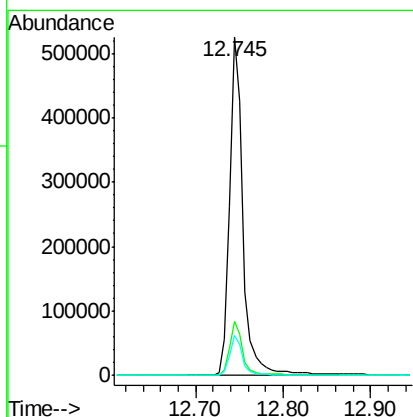
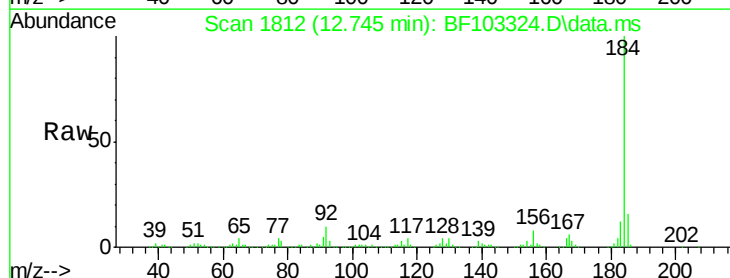
Instrument :
 BNA_F
 ClientSampleId :

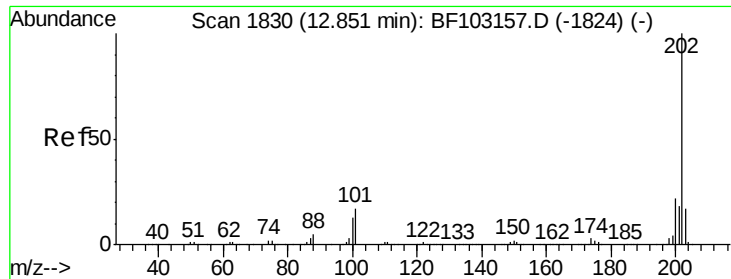
Tot Ion:240 Resp: 364354
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 26.7 20.7 31.1



#76
 Benzidine
 Concen: 40.71 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion:184 Resp: 554508
 Ion Ratio Lower Upper
 184 100
 185 16.0 12.6 18.8
 183 12.0 9.3 13.9





#77

Pvrene

Concen: 37.61 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

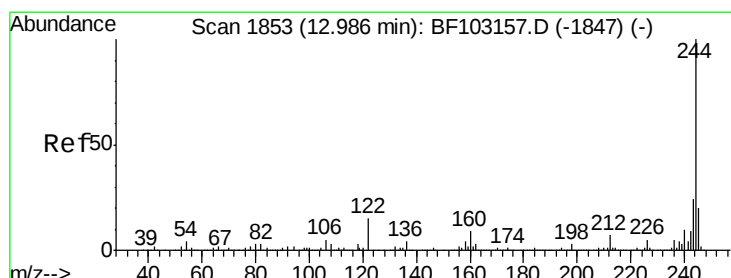
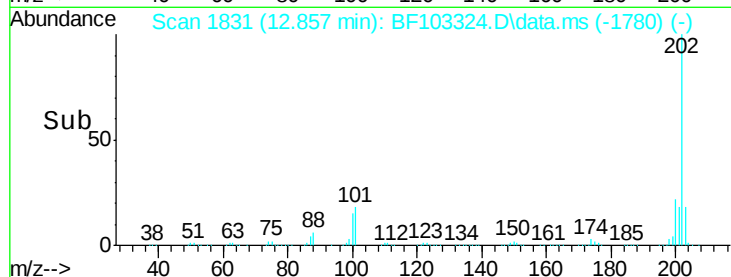
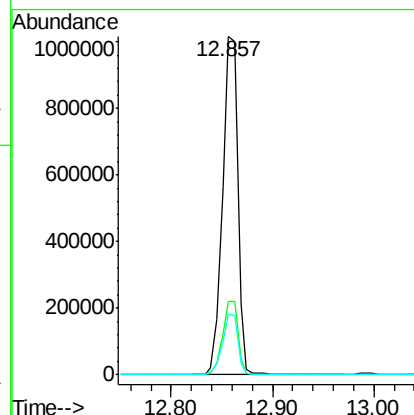
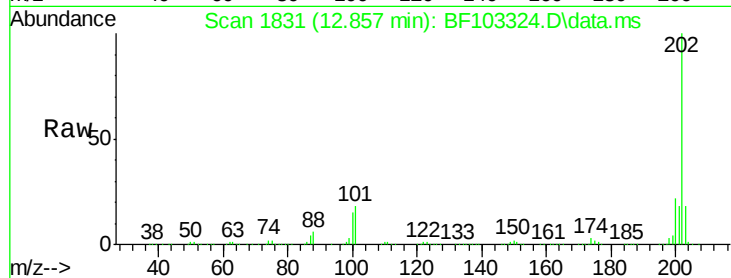
Tot Ion:202 Resp: 1068536

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 17.7 14.3 21.5



#78

Terphenyl-d14

Concen: 72.19 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

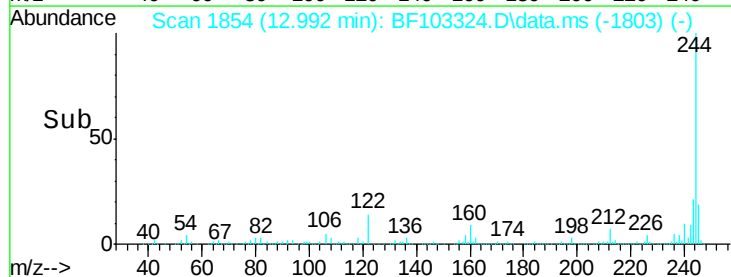
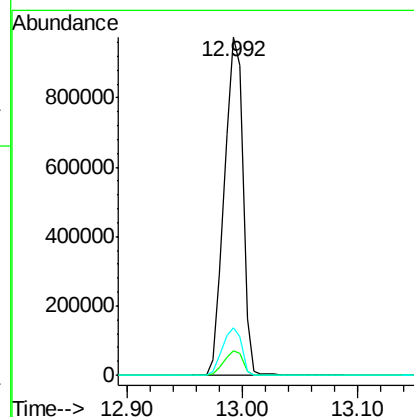
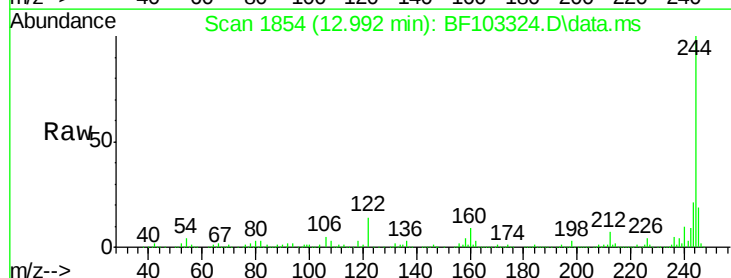
Tgt Ion:244 Resp: 1094187

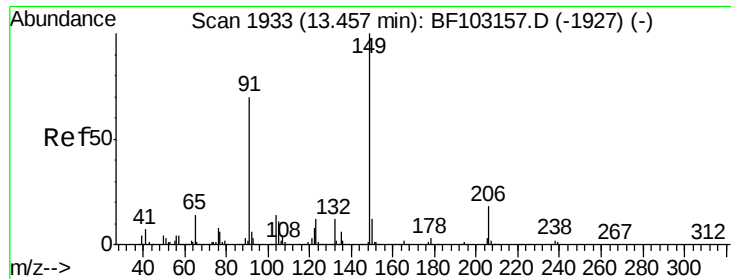
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.1 11.0 16.4

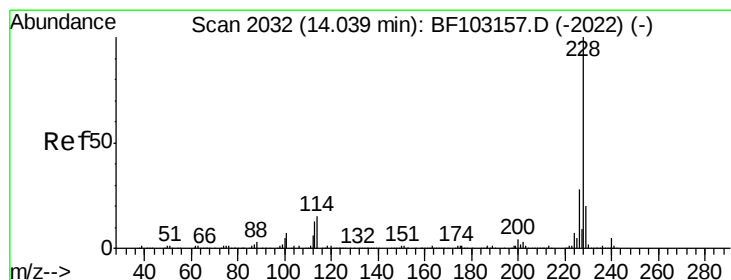
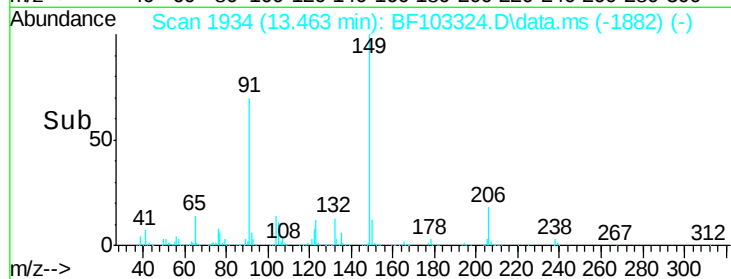
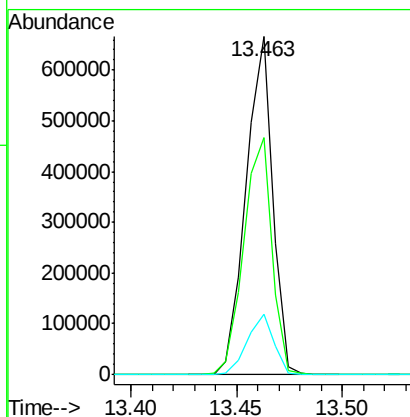
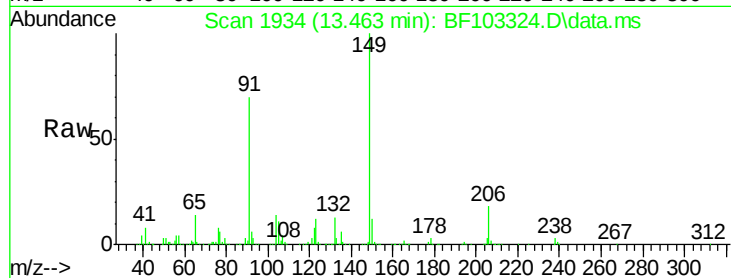




#79
Butylbenzylphthalate
Concen: 39.10 ng
RT: 13.463 min Scan# 19
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

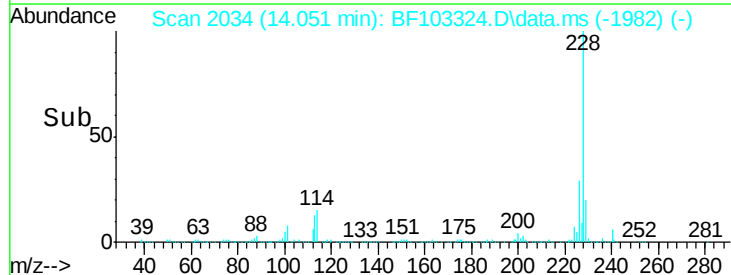
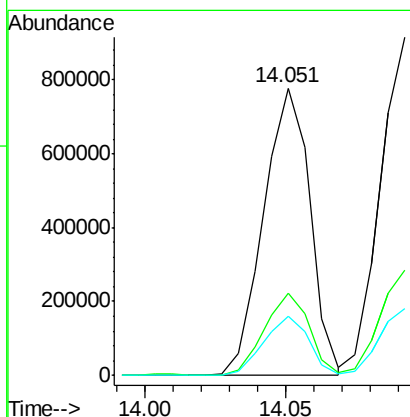
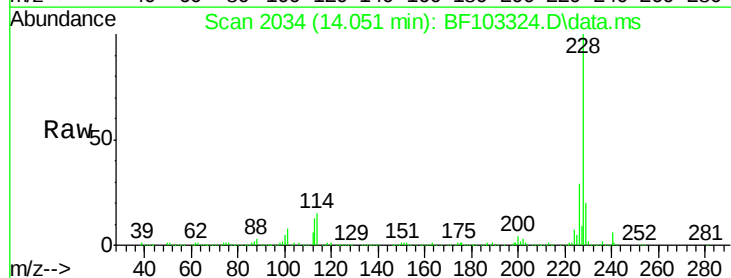
Instrument :
BNA_F
ClientSampleId :

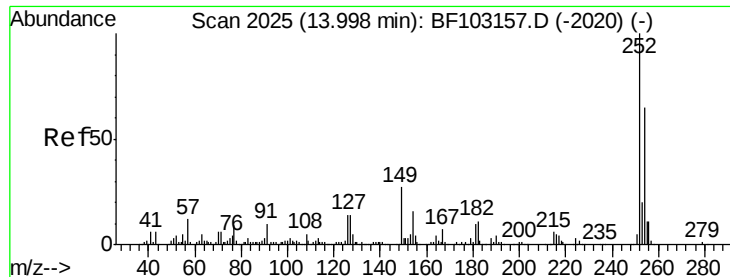
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	17.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.35 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF103324.D
Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.4	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.13 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

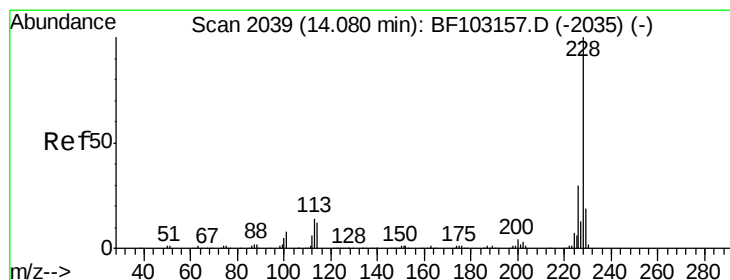
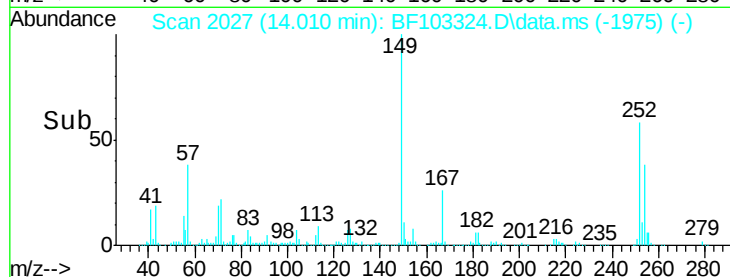
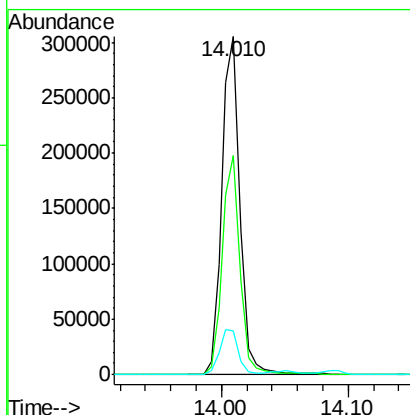
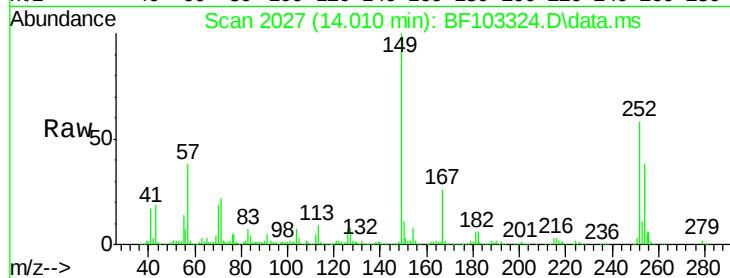
Tot Ion:252 Resp: 304815

Ion Ratio Lower Upper

252 100

254 64.9 50.4 75.6

126 12.8 11.3 16.9



#82

Chrysene

Concen: 36.67 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

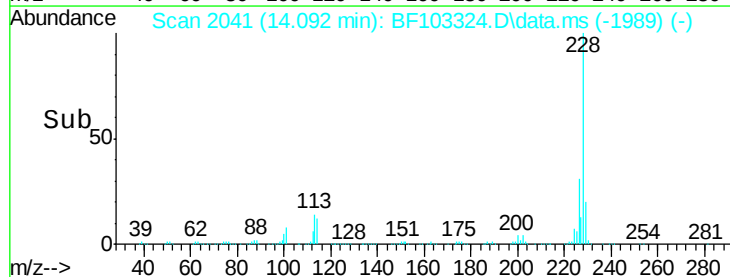
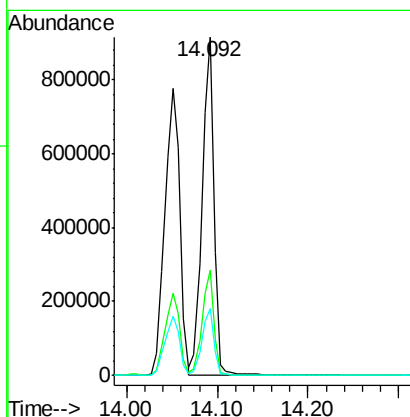
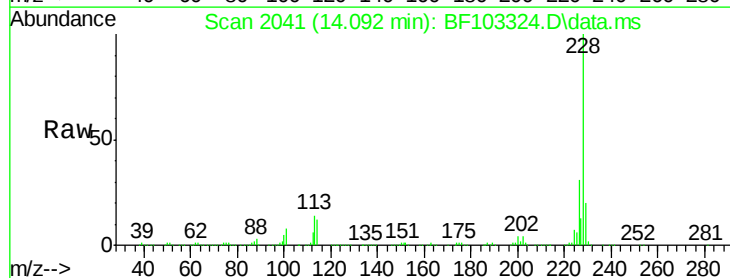
Tgt Ion:228 Resp: 841679

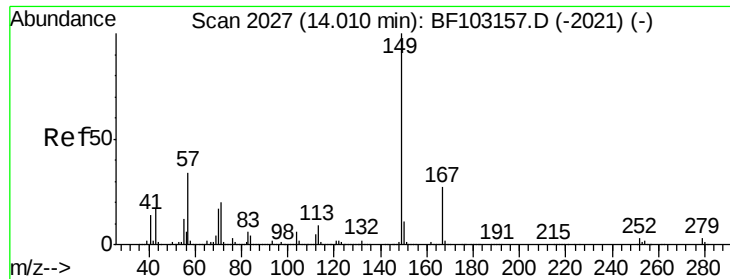
Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.66 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

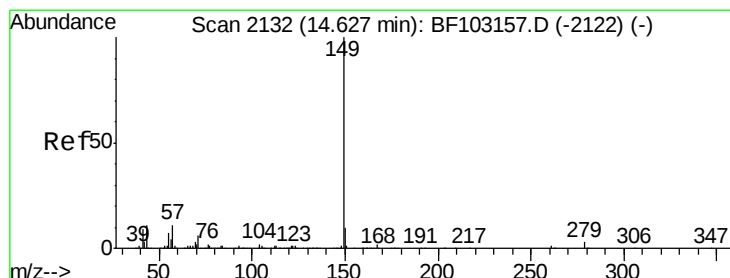
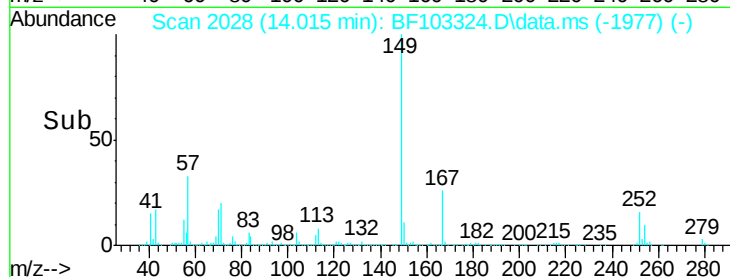
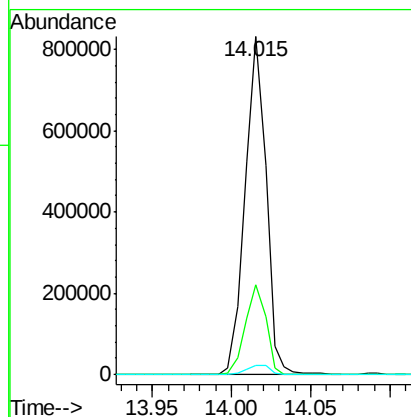
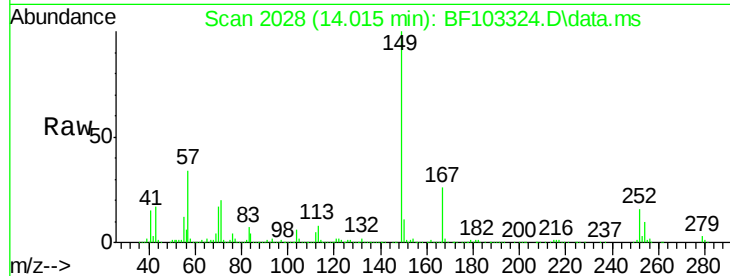
Tot Ion:149 Resp: 762683

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

279 2.9 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 39.36 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

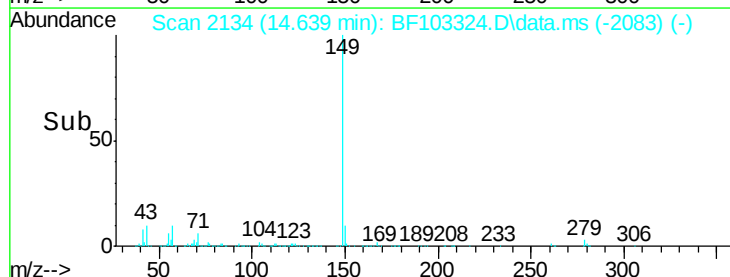
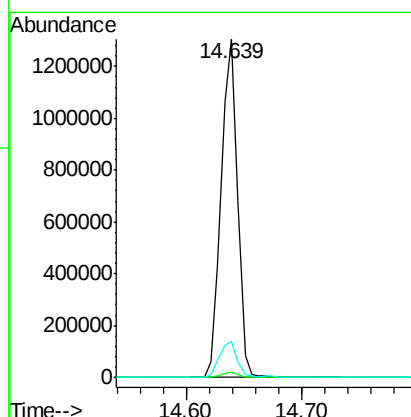
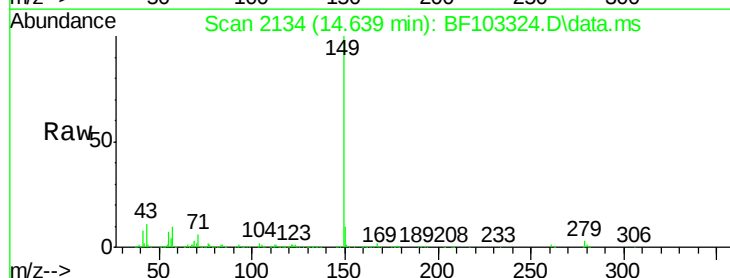
Tgt Ion:149 Resp: 1288085

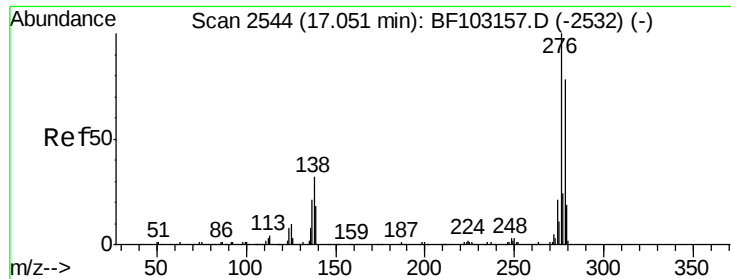
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.9 8.4 12.6

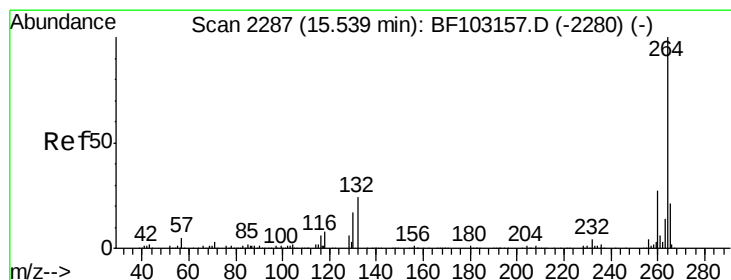
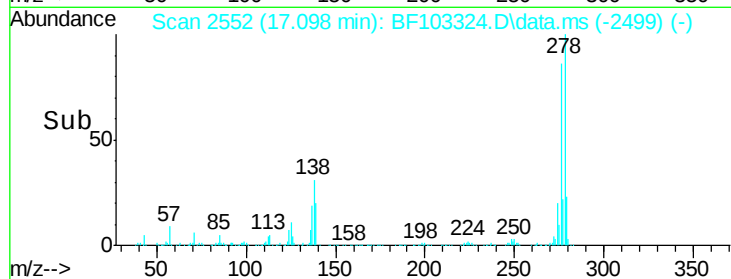
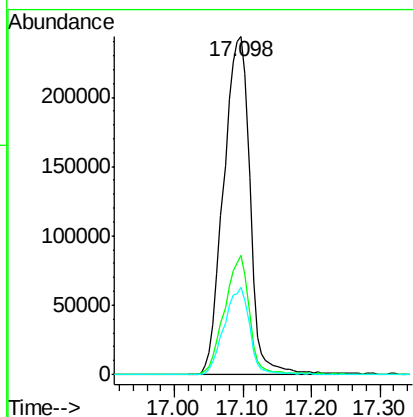
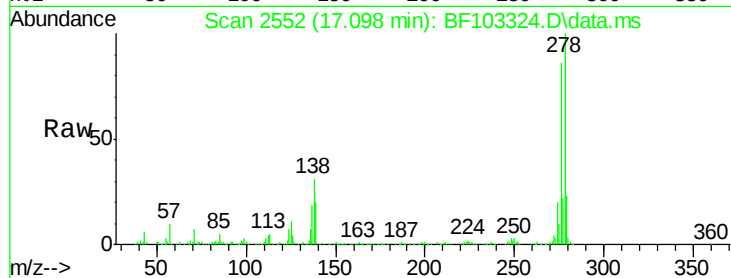




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.67 ng
 RT: 17.098 min Scan# 2544
 Delta R.T. 0.012 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

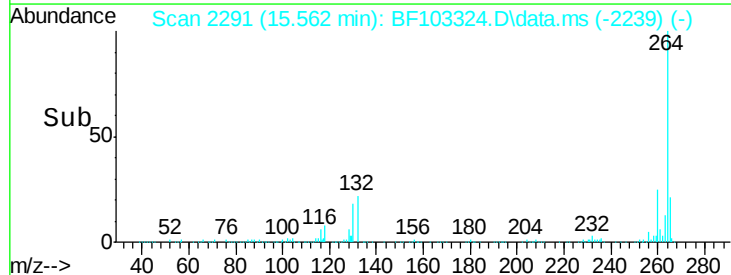
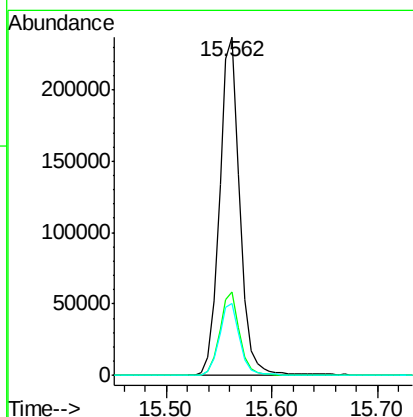
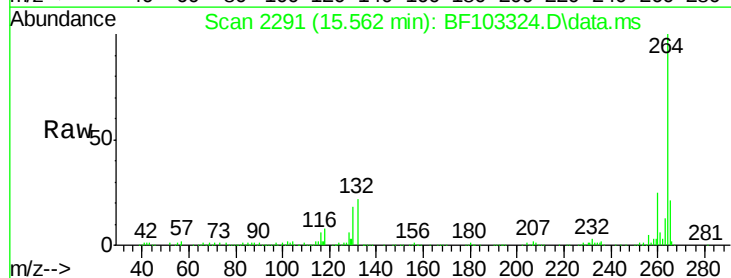
Instrument :
 BNA_F
 ClientSampleId :

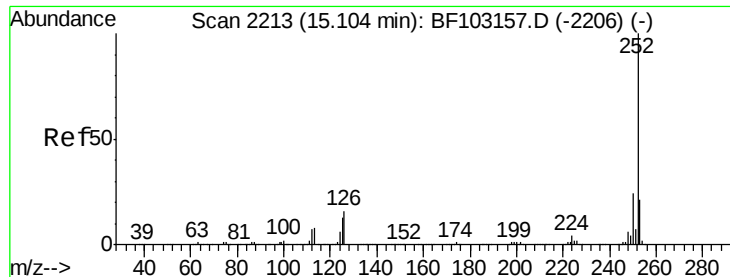
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.006 min
 Lab File: BF103324.D
 Acq: 1 Mar 2018 9:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 33.49 ng

RT: 15.151 min Scan# 221

Delta R.T. 0.035 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

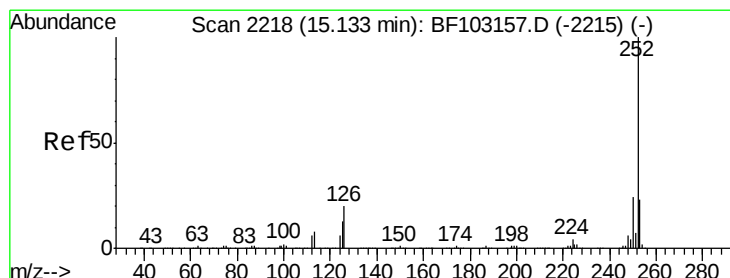
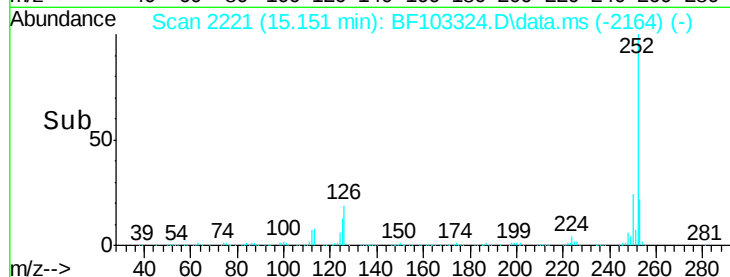
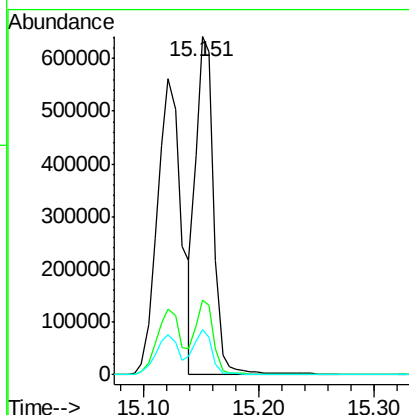
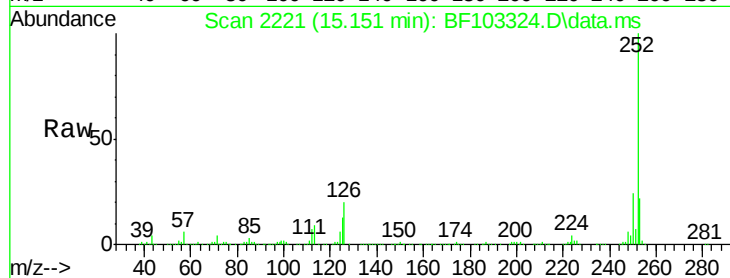
Tot Ion:252 Resp: 696422

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 13.3 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 35.56 ng

RT: 15.151 min Scan# 2221

Delta R.T. -0.000 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

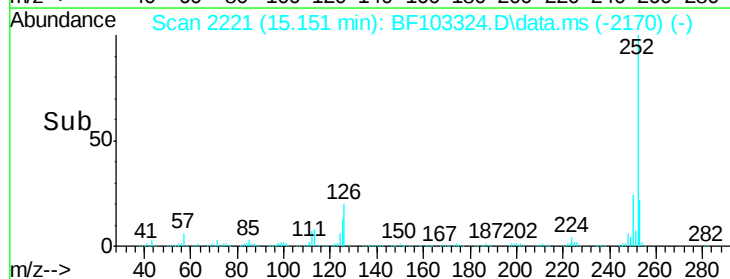
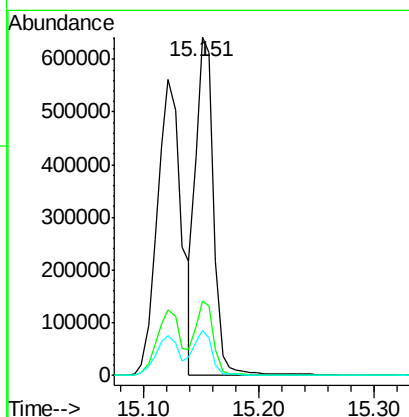
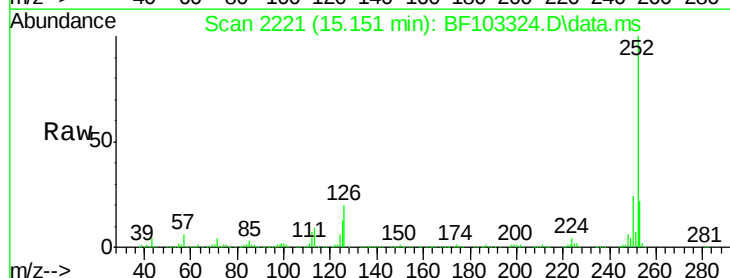
Tgt Ion:252 Resp: 696422

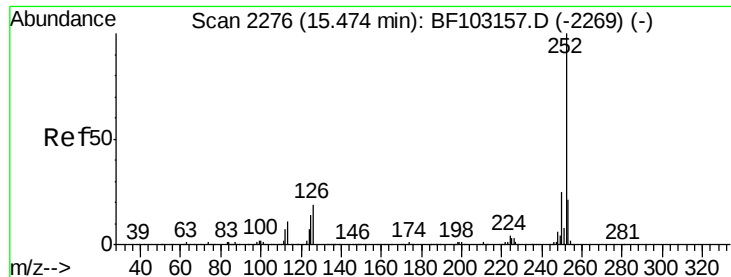
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 13.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.39 ng

RT: 15.504 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

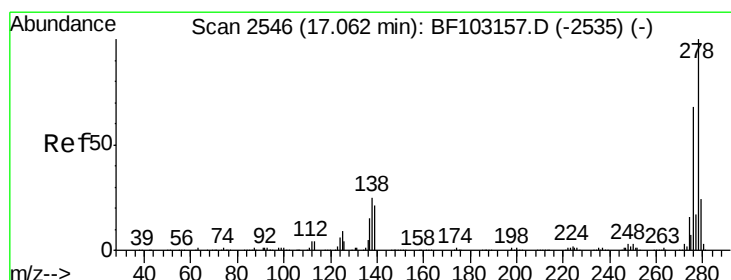
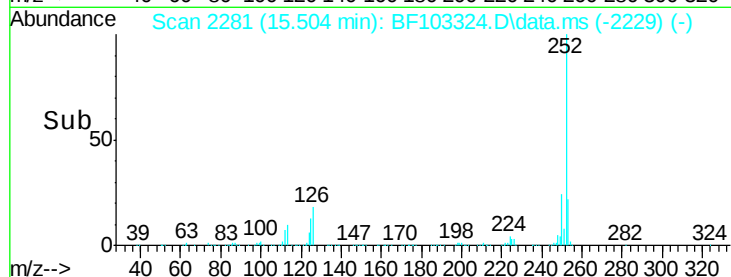
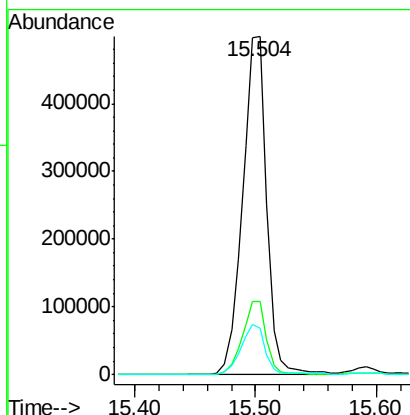
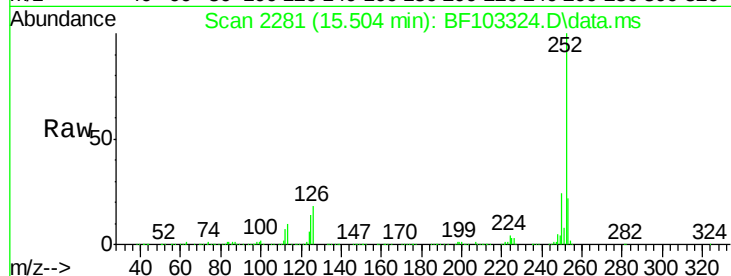
Tot Ion:252 Resp: 694348

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 13.5 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 37.69 ng

RT: 17.103 min Scan# 2553

Delta R.T. 0.012 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

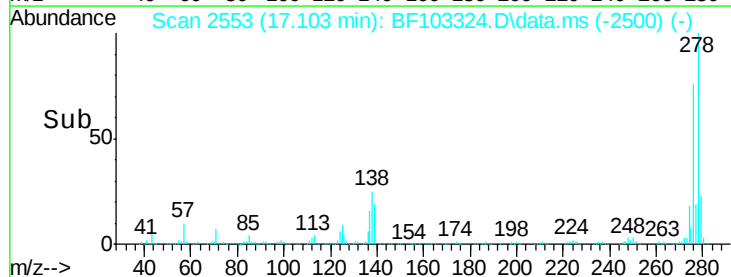
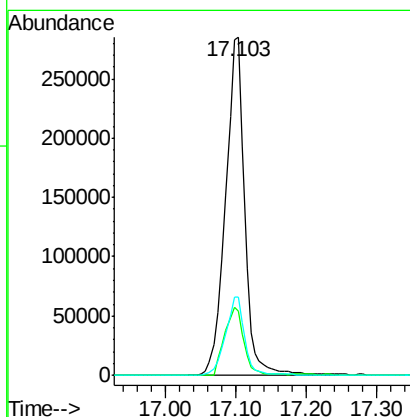
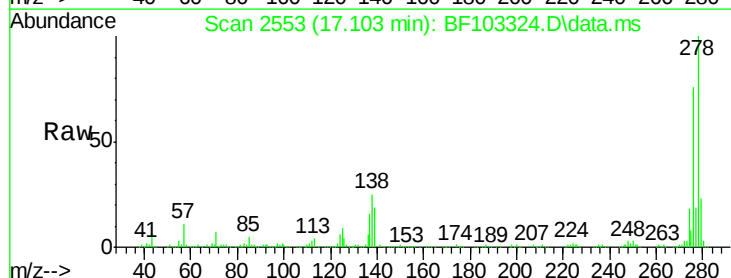
Tgt Ion:278 Resp: 540869

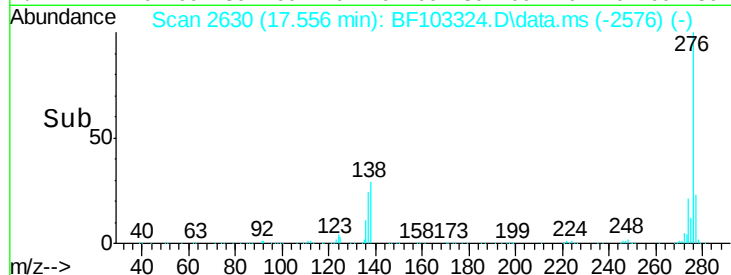
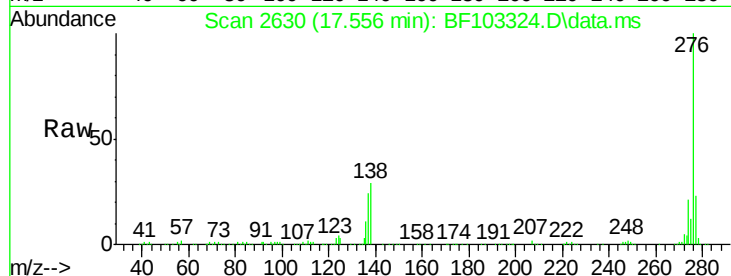
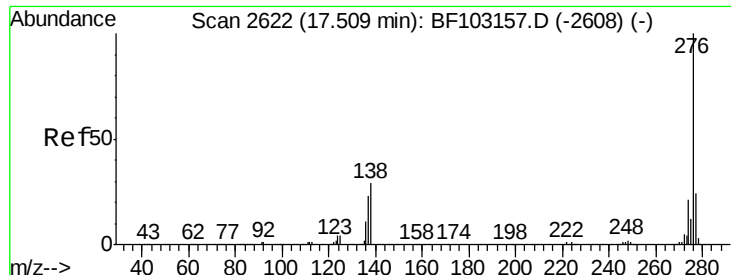
Ion Ratio Lower Upper

278 100

139 19.0 15.9 23.9

279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.61 ng

RT: 17.556 min Scan# 26

Delta R.T. 0.018 min

Lab File: BF103324.D

Acq: 1 Mar 2018 9:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 541510

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 28.9 21.8 32.8

