

Data Path : Z:\HPCHEM1\BNA F\Data\BF022018\
 Data File : BF103122.D
 Acq On : 20 Feb 2018 18:31
 Operator : SJ/JU
 Sample : J1624-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 08:46:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.875	152	182631	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	803235	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	372036	20.00	ng	0.00
63) Phenanthrene-d10	11.404	188	638747	20.00	ng	0.00
75) Chrysene-d12	14.051	240	365001	20.00	ng	0.00
86) Perylene-d12	15.539	264	338093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.510	112	1433658	119.22	ng	0.02
7) Phenol-d6	6.522	99	1789274	123.57	ng	0.01
23) Nitrobenzene-d5	7.445	82	1202433	103.85	ng	0.00
41) 2,4,6-Tribromophenol	10.716	330	373521	124.74	ng	0.00
44) 2-Fluorobiphenyl	9.234	172	1729698	77.15	ng	0.00
78) Terphenyl-d14	12.992	244	1489134	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.705	88	224543	37.80	ng	89
3) Pyridine	3.487	79	622706	37.95	ng	93
4) n-Nitrosodimethylamine	3.440	42	328320	46.76	ng	99
6) Aniline	6.545	93	692991	32.41	ng	95
8) 2-Chlorophenol	6.669	128	546215	44.12	ng	97
9) Benzaldehyde	6.428	77	359775	33.46	ng	99
10) Phenol	6.534	94	682416	43.98	ng	86
11) bis(2-Chloroethyl)ether	6.616	93	563125	43.61	ng	95
12) 1,3-Dichlorobenzene	6.816	146	568164	39.63	ng	98
13) 1,4-Dichlorobenzene	6.892	146	572638	40.10	ng	99
14) 1,2-Dichlorobenzene	7.051	146	524924	39.46	ng	97
15) Benzyl Alcohol	7.022	79	479262	43.05	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	961842	39.21	ng	99
17) 2-Methylphenol	7.134	107	490150	42.92	ng	97
18) Hexachloroethane	7.387	117	207468	42.36	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	381122	39.92	ng	99
20) 3+4-Methylphenols	7.287	107	527538	37.46	ng	# 73
22) Acetophenone	7.287	105	714223	36.34	ng	# 86
24) Nitrobenzene	7.463	77	622703	45.72	ng	98
25) Isophorone	7.698	82	1190818	44.66	ng	98
26) 2-Nitrophenol	7.775	139	327324	56.60	ng	96
27) 2,4-Dimethylphenol	7.816	122	509385	45.22	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	733060	46.41	ng	99
29) 2,4-Dichlorophenol	8.022	162	470690	45.97	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	452216	39.04	ng	98
31) Naphthalene	8.187	128	1551654	39.54	ng	100
32) Benzoic acid	7.934	122	215796	32.28	ng	99
33) 4-Chloroaniline	8.234	127	419023	24.79	ng	98
34) Hexachlorobutadiene	8.292	225	223244	37.61	ng	98
35) Caprolactam	8.675	113	55492	15.60	ng	87
36) 4-Chloro-3-methylphenol	8.716	107	538559	46.81	ng	99
37) 2-Methylnaphthalene	8.875	142	1026092	39.94	ng	99
39) 1,2,4,5-Tetrachloroben...	9.039	216	396307	39.12	ng	99
40) Hexachlorocyclopentadiene	9.022	237	258352	53.65	ng	100

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 ALS Vial : 12 Sample Multiplier: 1

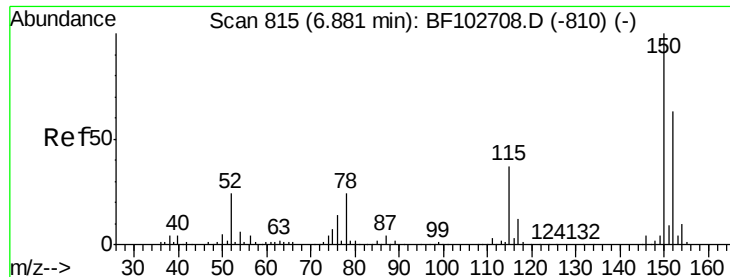
Instrument :
 BNA_F
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Quant Time: Feb 21 08:46:41 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.151	196	302711	45.50	nq	98
43) 2,4,5-Trichlorophenol	9.198	196	327098	43.62	nq	99
45) 1,1'-Biphenyl	9.339	154	1168782	37.30	nq	99
46) 2-Chloronaphthalene	9.363	162	978352	39.66	nq	99
47) 2-Nitroaniline	9.463	65	384104	50.28	nq	90
48) Acenaphthylene	9.781	152	1454320	37.96	nq	99
49) Dimethylphthalate	9.639	163	1364765	47.05	nq	99
50) 2,6-Dinitrotoluene	9.704	165	271958	49.28	nq	93
51) Acenaphthene	9.951	154	835899	36.48	nq	99
52) 3-Nitroaniline	9.875	138	248400	36.58	nq	97
53) 2,4-Dinitrophenol	9.986	184	205421	96.56	nq	# 18
54) Dibenzofuran	10.128	168	1221136	37.82	nq	97
55) 4-Nitrophenol	10.051	139	426457	76.60	nq	96
56) 2,4-Dinitrotoluene	10.116	165	336533	45.63	nq	95
57) Fluorene	10.469	166	958540	40.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.245	232	242320	46.62	nq	99
59) Diethylphthalate	10.339	149	1149661	40.14	nq	98
60) 4-Chlorophenyl-phenyle...	10.457	204	429274	41.30	nq	97
61) 4-Nitroaniline	10.498	138	315839	48.86	nq	95
62) Azobenzene	10.616	77	1138797	39.80	nq	96
64) 4,6-Dinitro-2-methylph...	10.528	198	152342	54.68	nq	86
65) n-Nitrosodiphenylamine	10.580	169	896316	39.78	nq	100
66) 4-Bromophenyl-phenylether	10.945	248	272805	40.38	nq	96
67) Hexachlorobenzene	11.016	284	288106	38.65	nq	98
68) Atrazine	11.104	200	286293	43.07	nq	96
69) Pentachlorophenol	11.216	266	274575	62.75	nq	98
70) Phenanthrene	11.433	178	1333882	37.50	nq	100
71) Anthracene	11.486	178	1405699	38.85	nq	100
72) Carbazole	11.639	167	1360767	38.39	nq	99
73) Di-n-butylphthalate	11.957	149	1772265	41.16	nq	100
74) Fluoranthene	12.622	202	1293074	36.13	nq	99
76) Benzidine	12.739	184	452396	26.97	nq	98
77) Pyrene	12.851	202	1289033	45.04	nq	100
79) Butylbenzylphthalate	13.457	149	707913	51.63	nq	98
80) Benzo(a)anthracene	14.039	228	984054	42.87	nq	99
81) 3,3'-Dichlorobenzidine	13.998	252	303713	35.68	nq	98
82) Chrysene	14.080	228	910958	39.37	nq	99
83) Bis(2-ethylhexyl)phtha...	14.016	149	967281	55.17	nq	99
84) Di-n-octyl phthalate	14.633	149	1519709	57.72	nq	100
85) Indeno(1,2,3-cd)pyrene	17.057	276	937289	48.84	nq	99
87) Benzo(b)fluoranthene	15.110	252	901114	41.11	nq	99
88) Benzo(k)fluoranthene	15.139	252	776568	37.08	nq	99
89) Benzo(a)pyrene	15.480	252	817138	41.41	nq	97
90) Dibenzo(a,h)anthracene	17.074	278	764990	47.77	nq	100
91) Benzo(g,h,i)perylene	17.521	276	791355	50.49	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. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

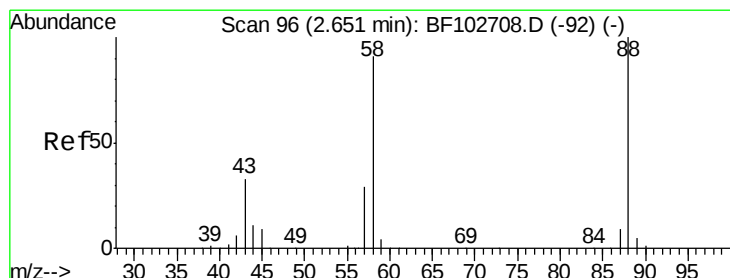
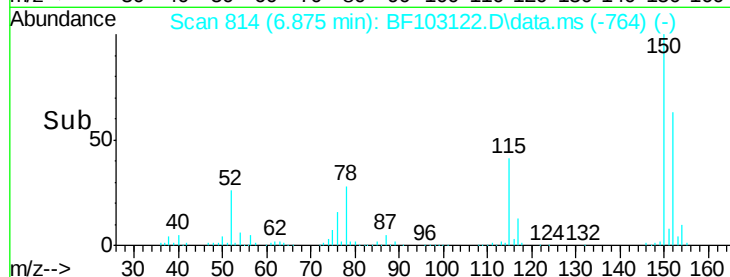
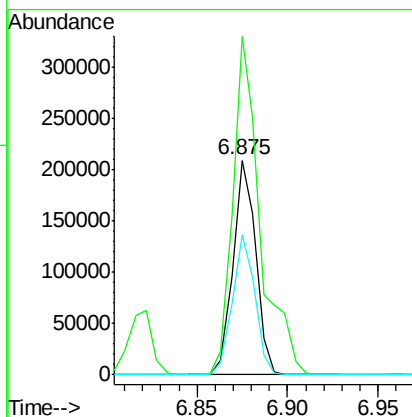
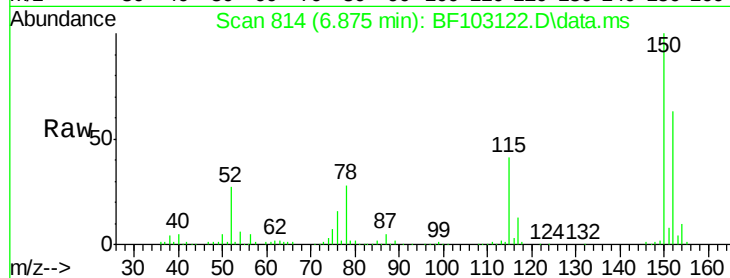
Tot Ion:152 Resp: 182631

Ion Ratio Lower Upper

152 100

150 158.0 124.6 186.8

115 65.1 50.1 75.1



#2

1,4-Dioxane

Concen: 37.80 ng

RT: 2.705 min Scan# 105

Delta R.T. 0.053 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

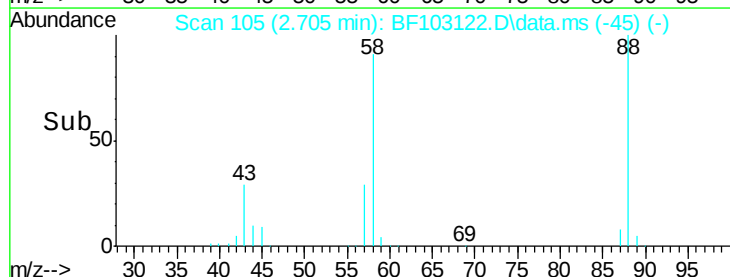
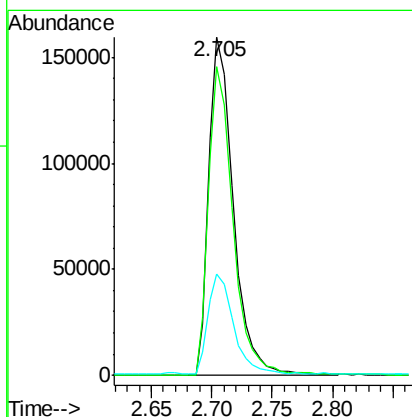
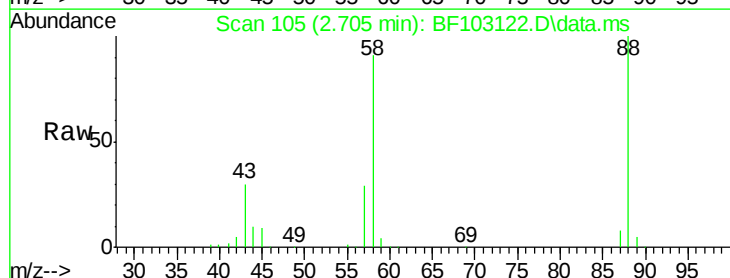
Tgt Ion: 88 Resp: 224543

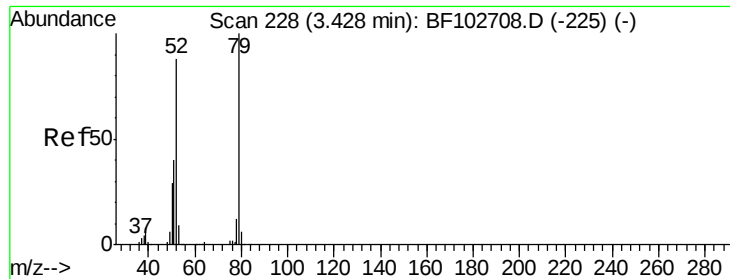
Ion Ratio Lower Upper

88 100

58 91.4 62.6 93.8

43 30.4 24.6 37.0





#3

Pvridine

Concen: 37.95 ng

RT: 3.487 min Scan# 23

Delta R.T. 0.059 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

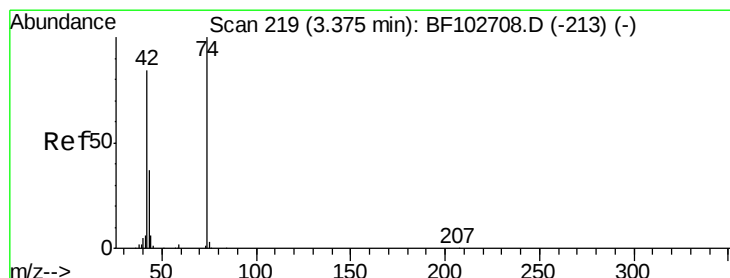
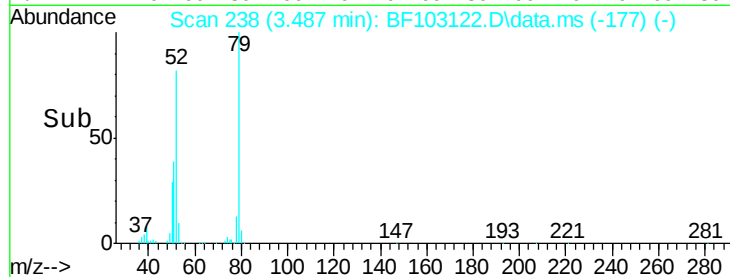
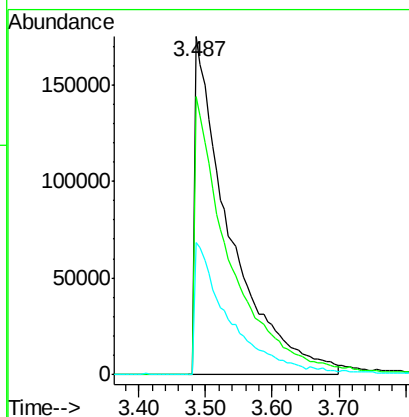
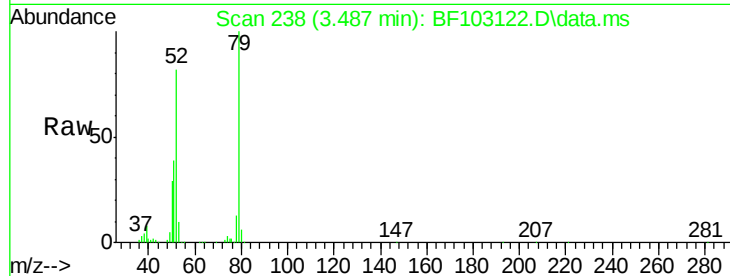
Tot Ion: 79 Resp: 622706

Ion Ratio Lower Upper

79 100

52 82.4 59.8 89.6

51 39.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 46.76 ng

RT: 3.440 min Scan# 230

Delta R.T. 0.053 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

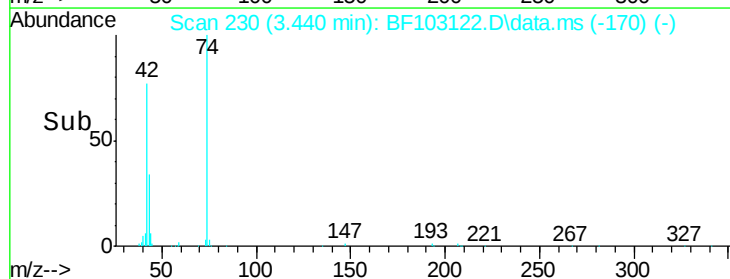
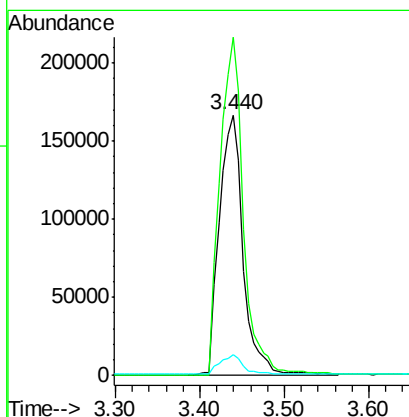
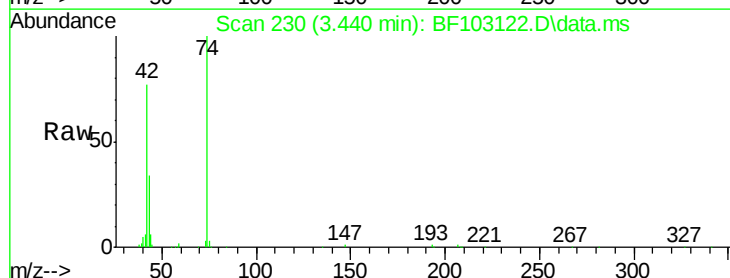
Tgt Ion: 42 Resp: 328320

Ion Ratio Lower Upper

42 100

74 129.8 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 119.22 ng

RT: 5.510 min Scan# 58

Delta R.T. 0.018 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

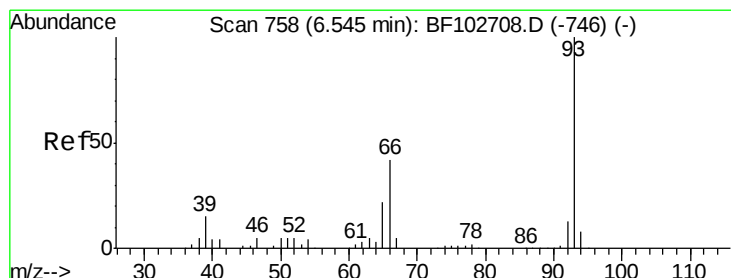
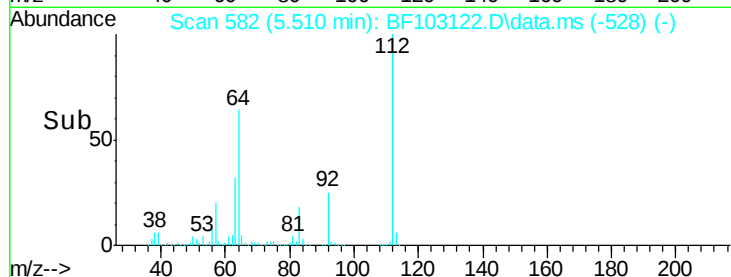
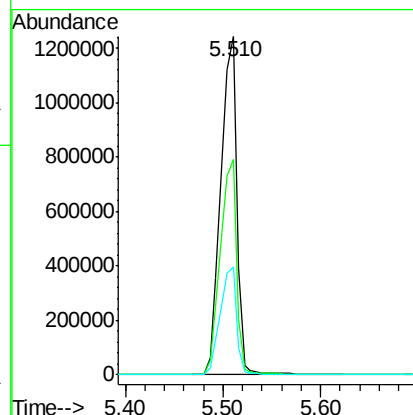
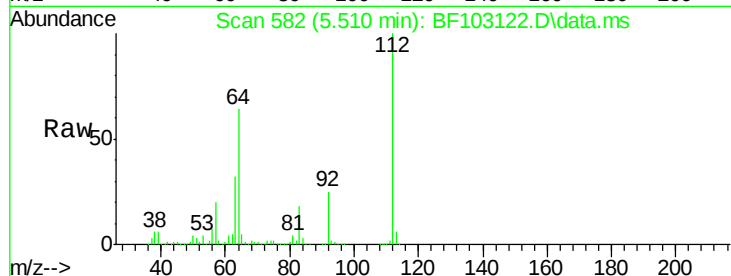
Tot Ion:112 Resp: 1433658

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

63 32.0 23.7 35.5



#6

Aniline

Concen: 32.41 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

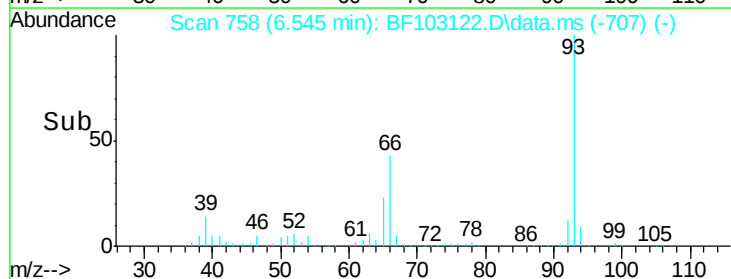
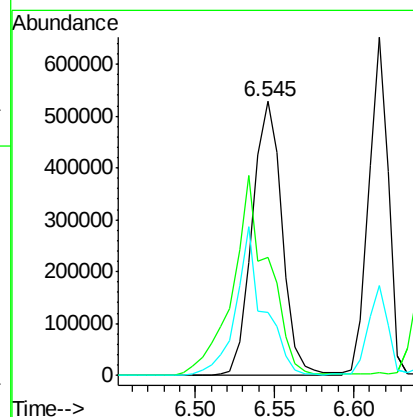
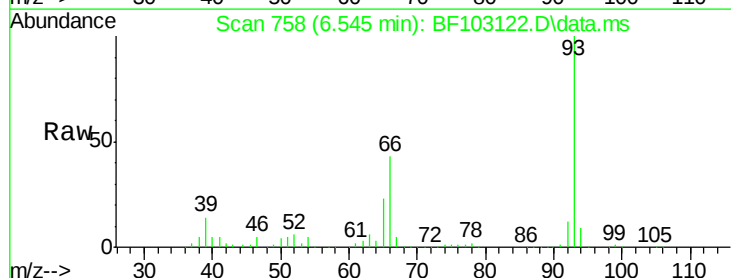
Tgt Ion: 93 Resp: 692991

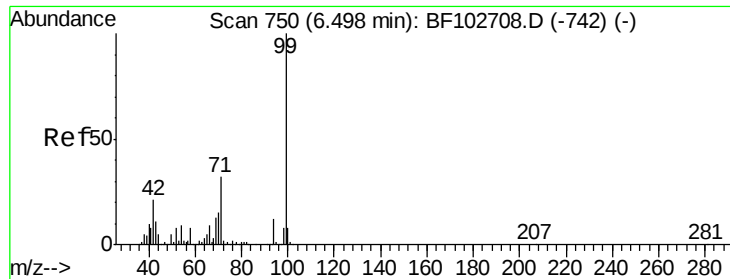
Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

65 22.8 16.4 24.6





#7

Phenol-d6

Concen: 123.57 ng

RT: 6.522 min Scan# 750

Delta R.T. 0.012 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

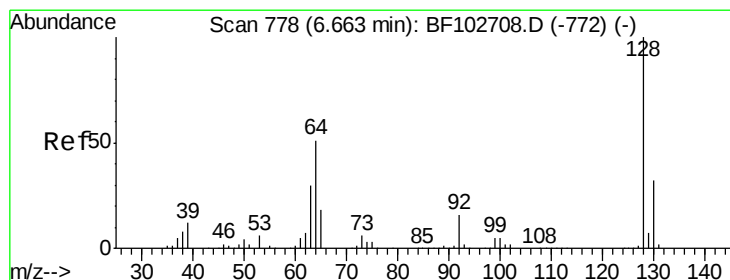
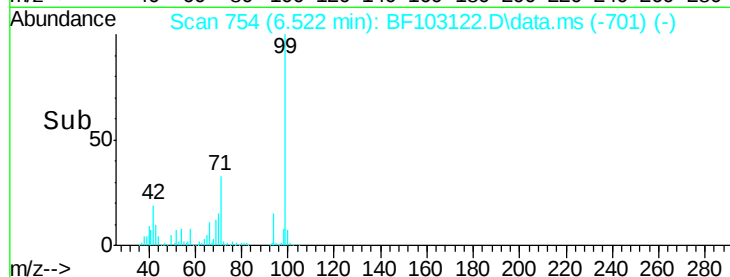
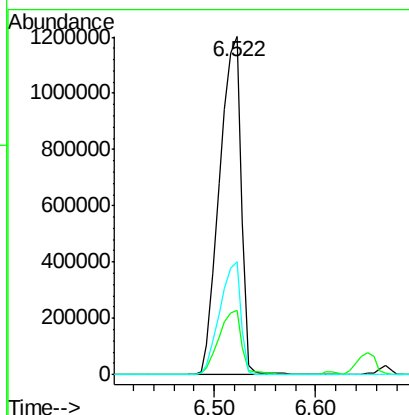
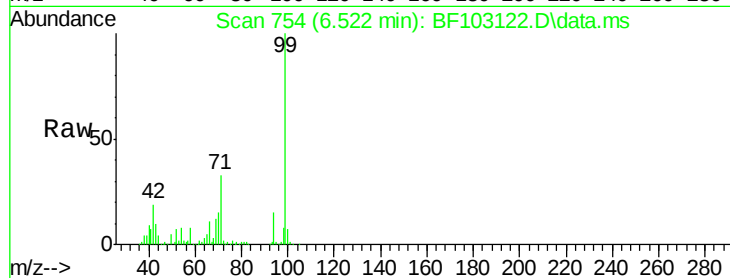
Tot Ion: 99 Resp: 1789274

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.3 25.4 38.0



#8

2-Chlorophenol

Concen: 44.12 ng

RT: 6.669 min Scan# 779

Delta R.T. 0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

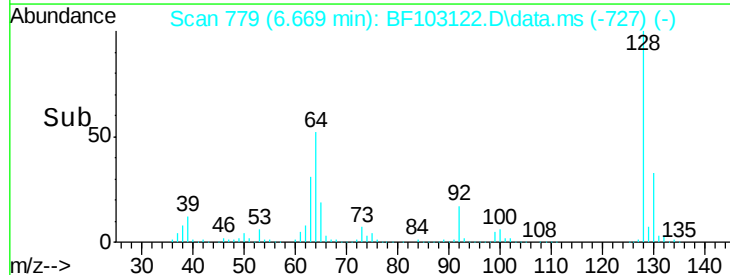
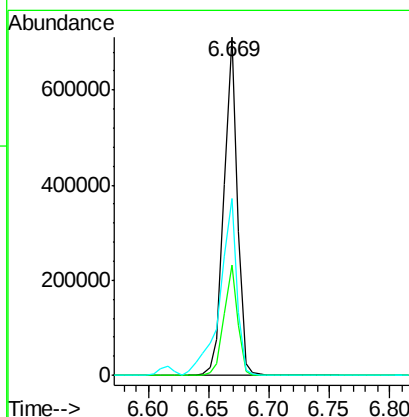
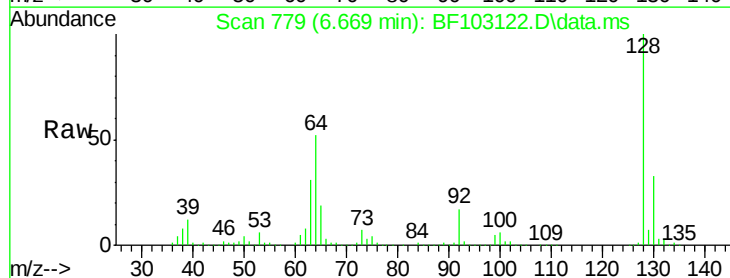
Tgt Ion: 128 Resp: 546215

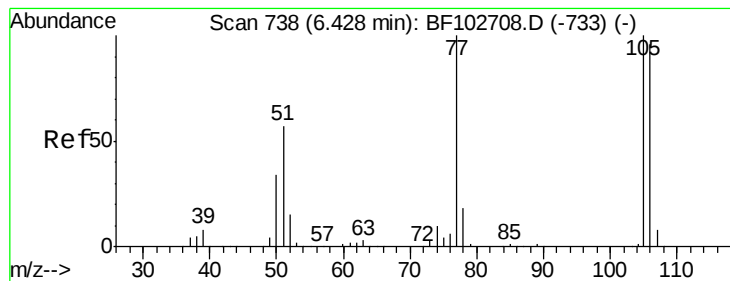
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 52.2 29.4 69.4





#9

Benzaldehyde

Concen: 33.46 ng

RT: 6.428 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampled :

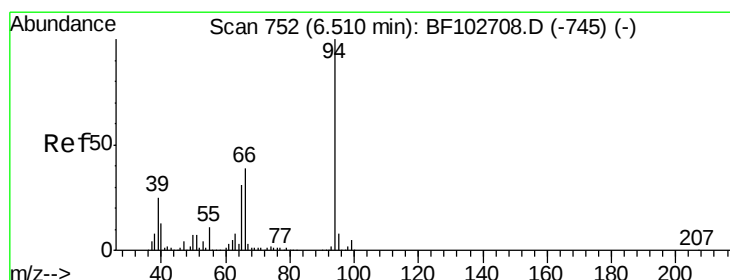
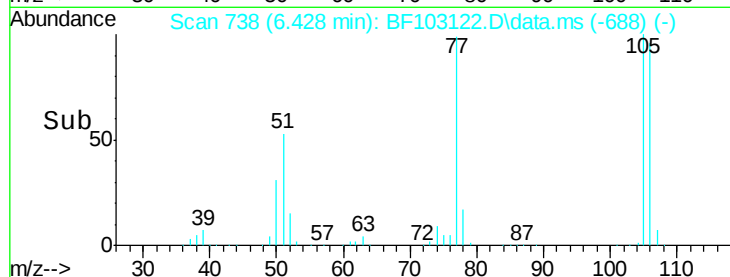
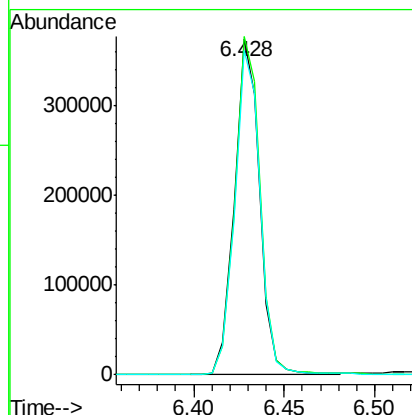
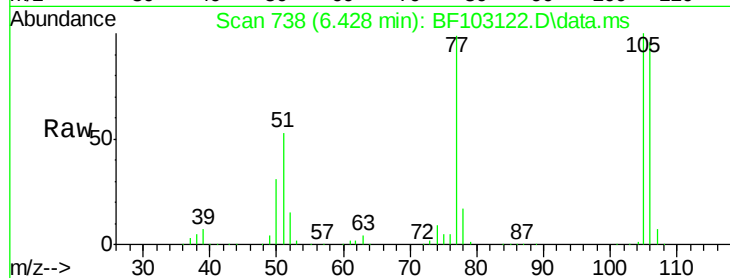
Tot Ion: 77 Resp: 359775

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

106 96.6 74.5 114.5



#10

Phenol

Concen: 43.98 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

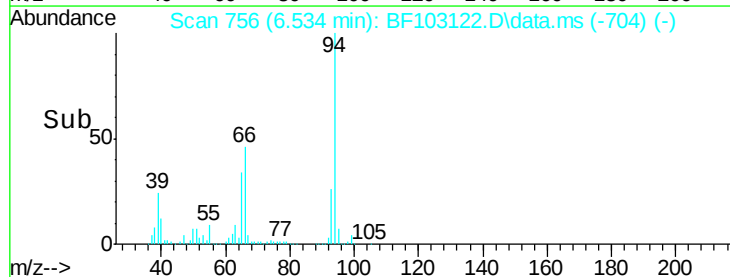
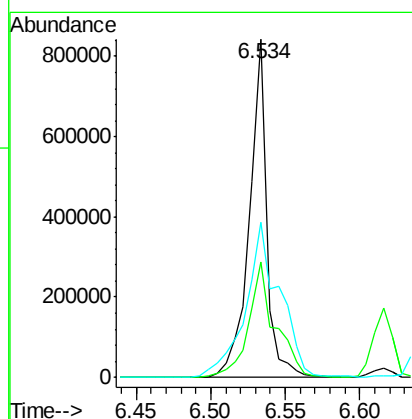
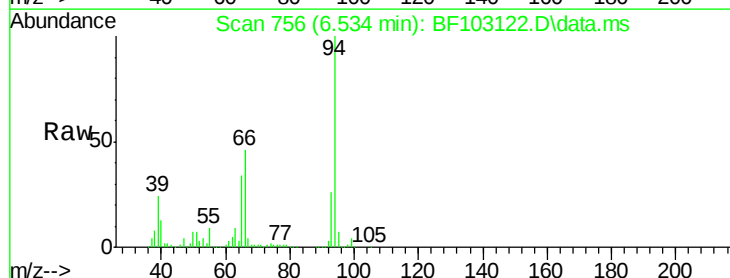
Tgt Ion: 94 Resp: 682416

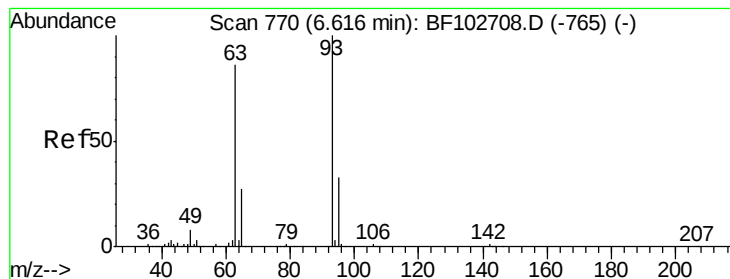
Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

66 45.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.61 ng

RT: 6.616 min Scan# 770

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

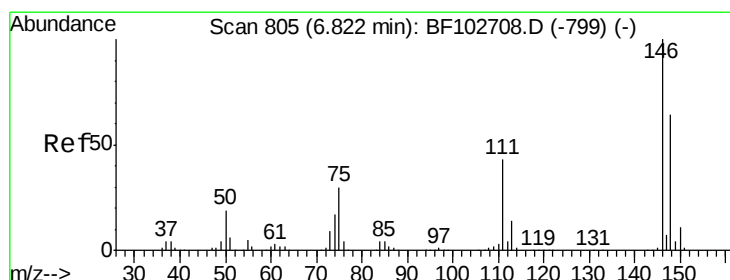
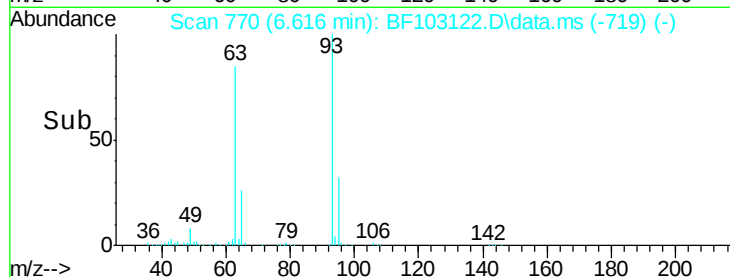
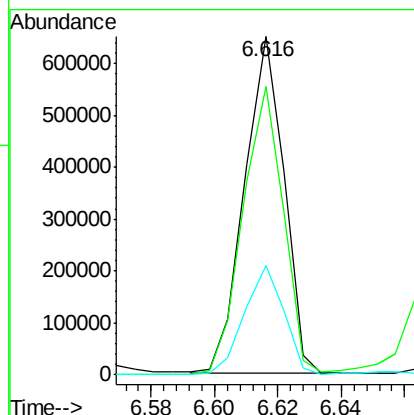
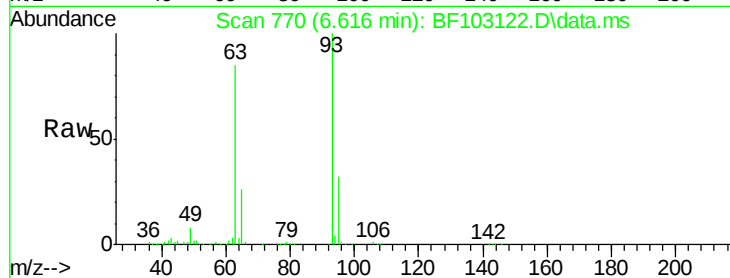
Tot Ion: 93 Resp: 563125

Ion Ratio Lower Upper

93 100

63 85.1 58.6 98.6

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.63 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

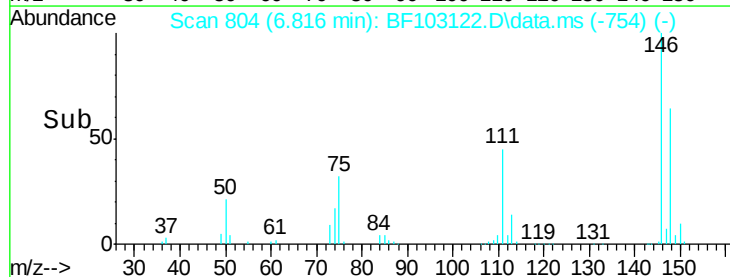
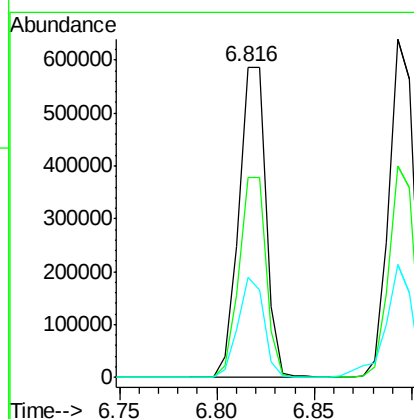
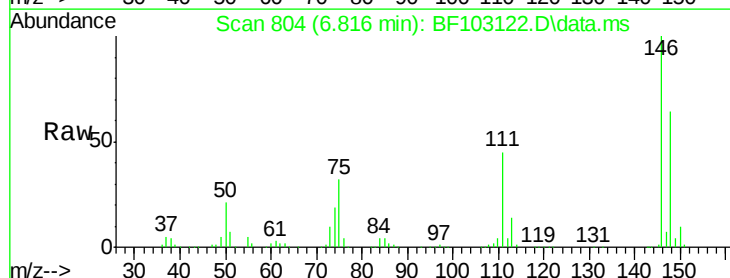
Tgt Ion: 146 Resp: 568164

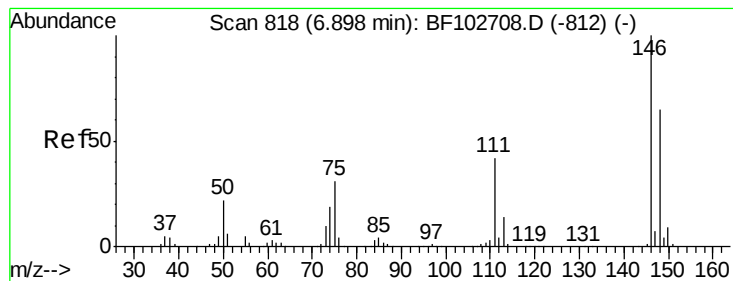
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

75 32.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.10 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

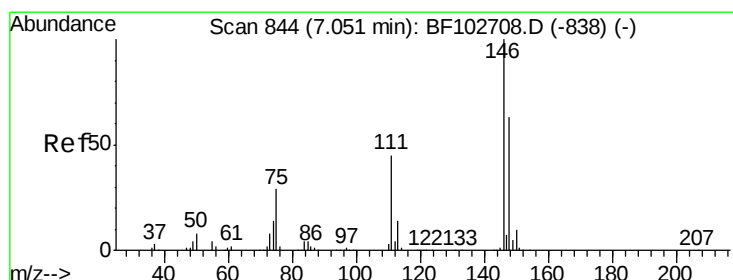
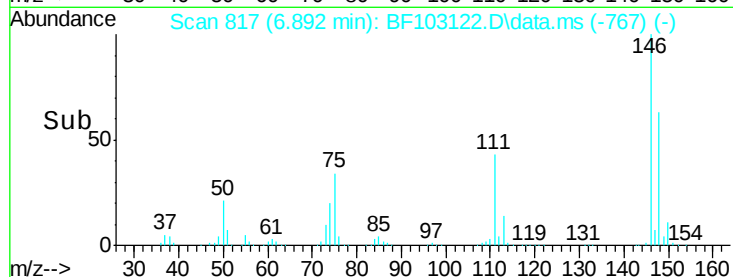
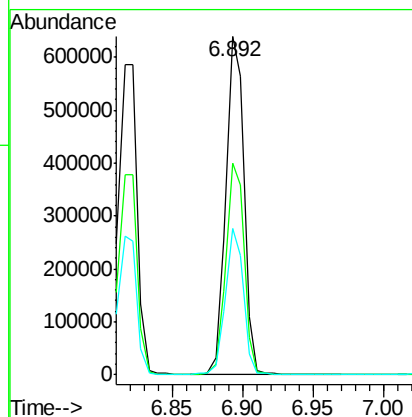
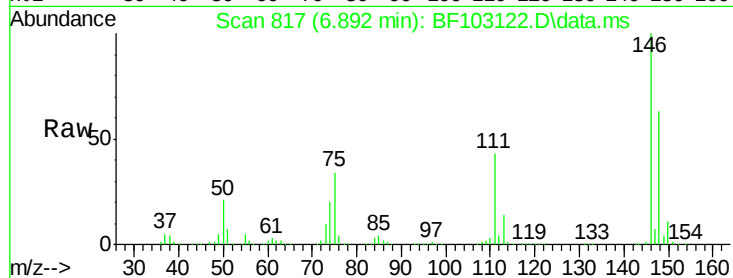
Tot Ion:146 Resp: 572638

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

111 43.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 39.46 ng

RT: 7.051 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

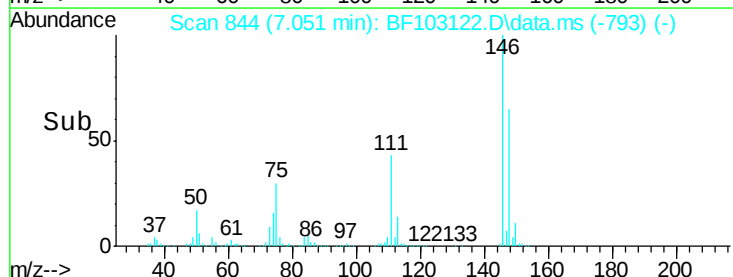
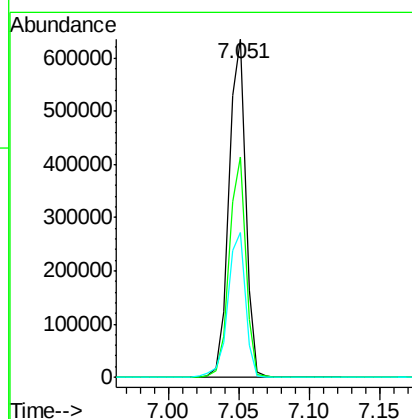
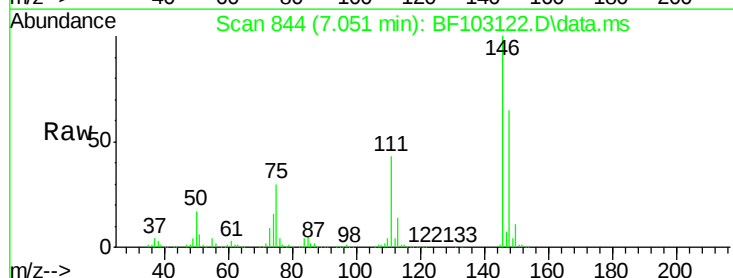
Tgt Ion:146 Resp: 524924

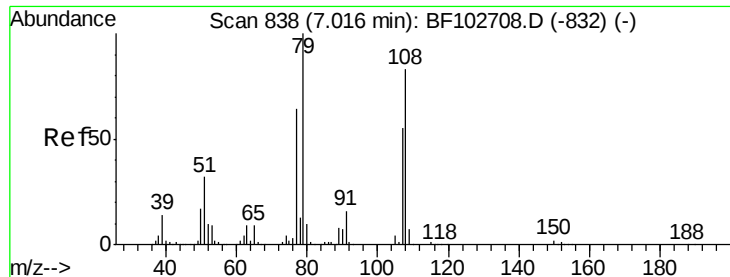
Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 43.05 ng

RT: 7.022 min Scan# 83

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampled :

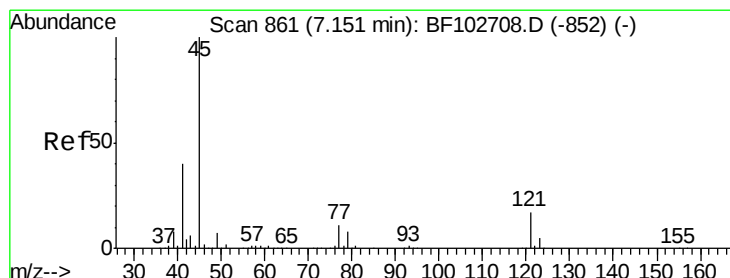
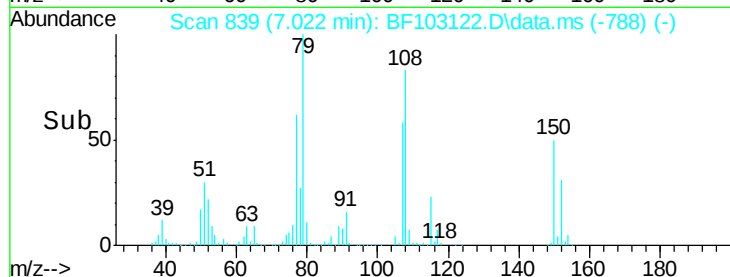
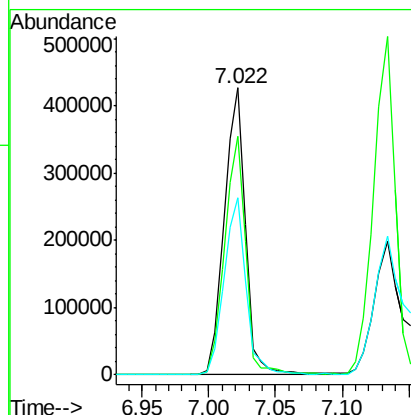
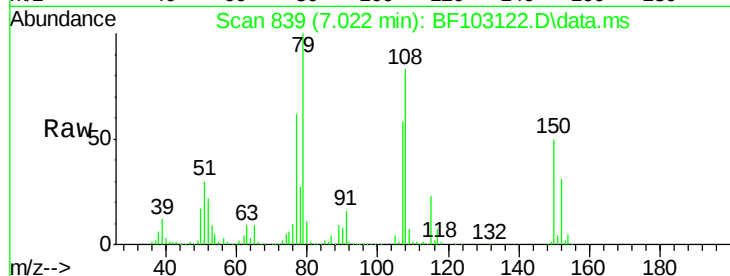
Tot Ion: 79 Resp: 479262

Ion Ratio Lower Upper

79 100

108 83.3 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.21 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

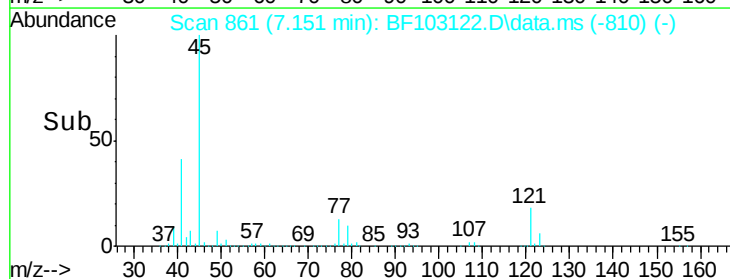
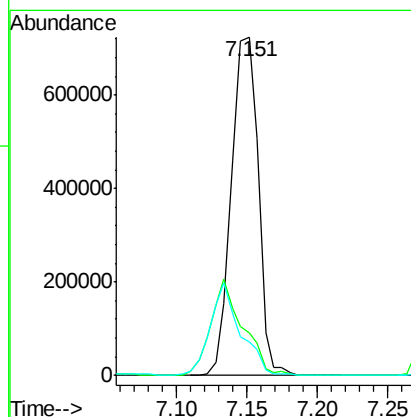
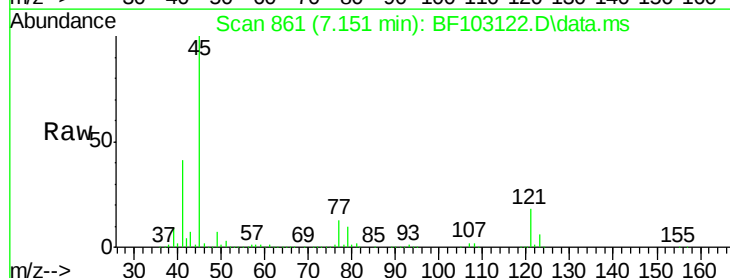
Tgt Ion: 45 Resp: 961842

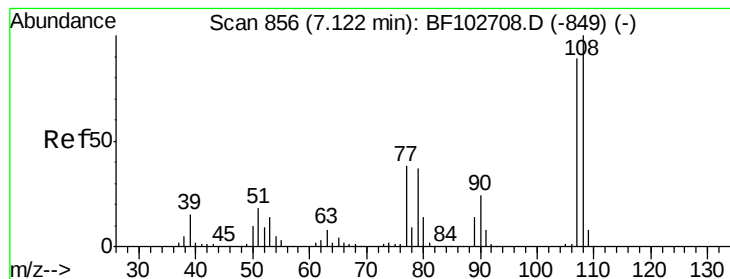
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.9

79 9.9 0.0 29.6





#17

2-Methylphenol

Concen: 42.92 ng

RT: 7.134 min Scan# 85

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 490150

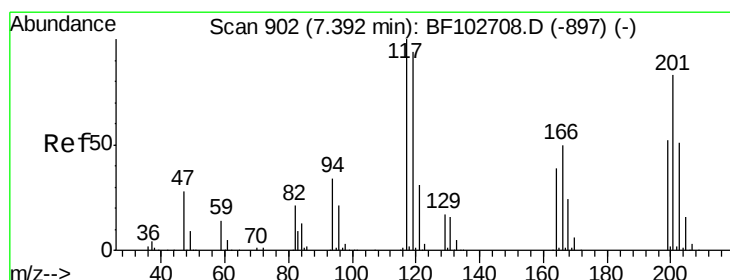
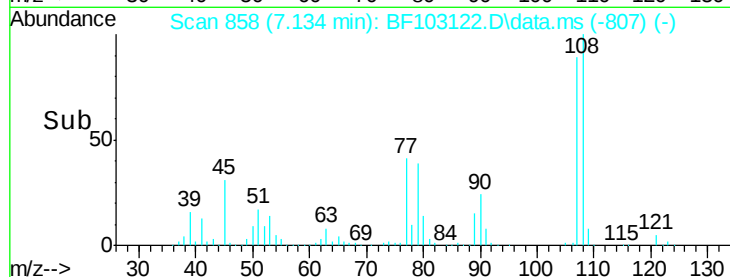
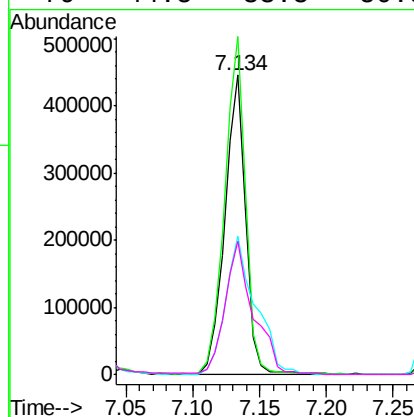
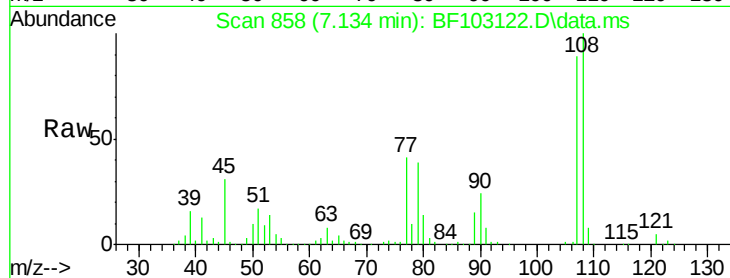
Ion Ratio Lower Upper

107 100

108 112.9 91.7 137.5

77 46.0 33.8 50.8

79 44.5 33.8 50.8



#18

Hexachloroethane

Concen: 42.36 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

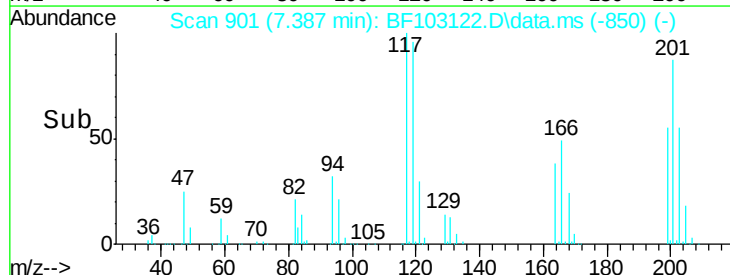
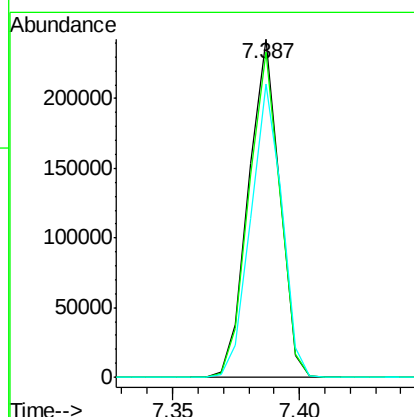
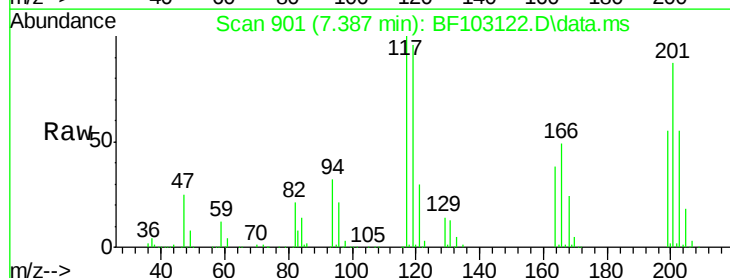
Tgt Ion:117 Resp: 207468

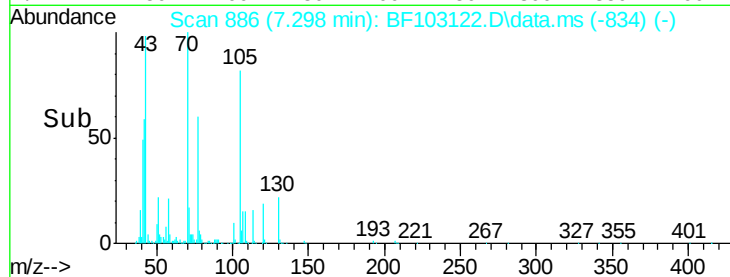
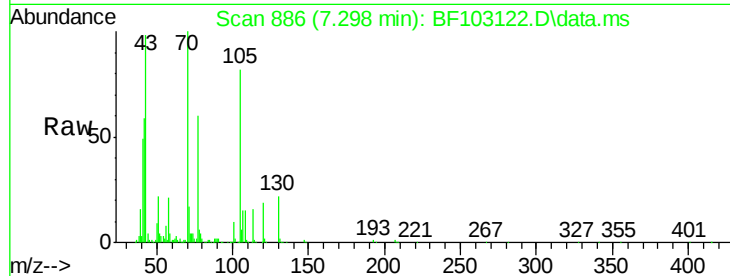
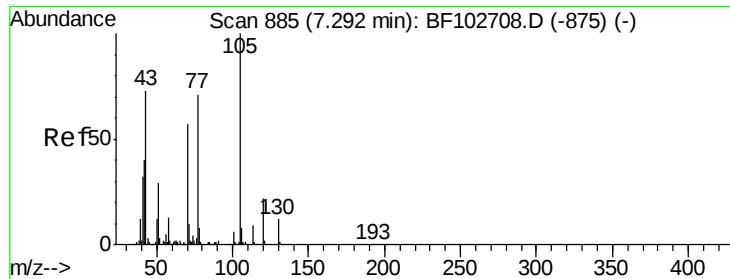
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

201 86.8 75.7 113.5

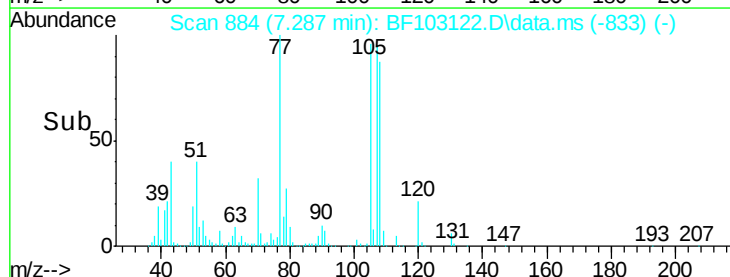
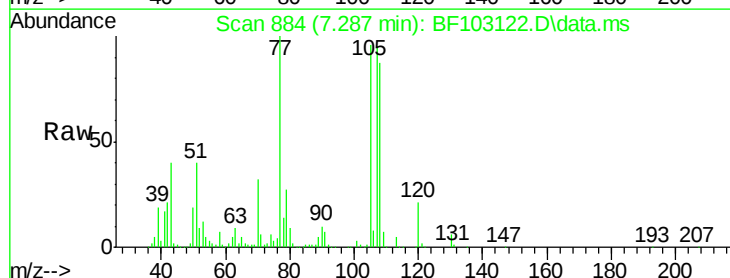
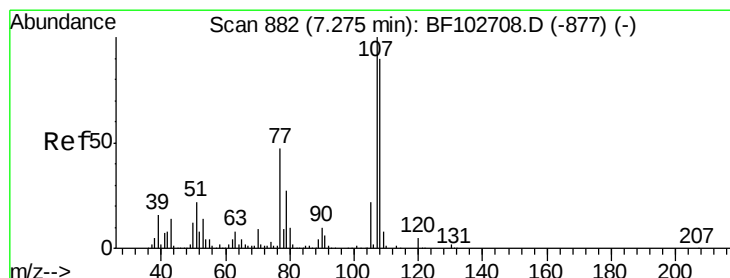
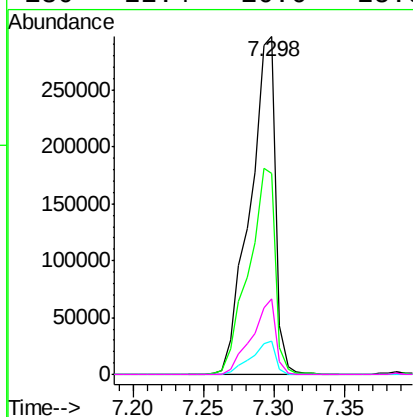




#19
n-Nitroso-di-n-propylamine
Concen: 39.92 ng
RT: 7.298 min Scan# 88
Delta R.T. 0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

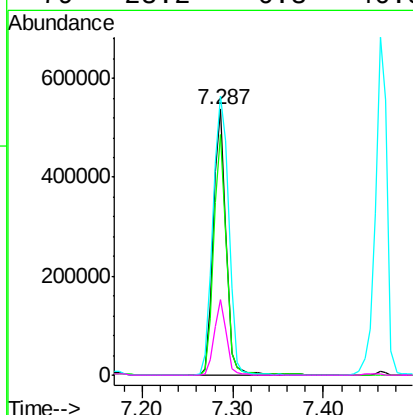
Instrument :
BNA_F
ClientSampleId :

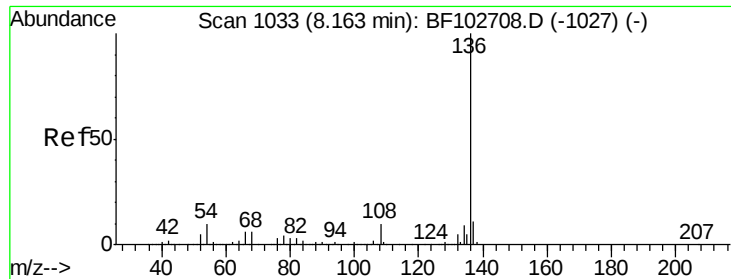
Tot Ion:	70	Resp:	381122
Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.5	71.3
101	9.8	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.46 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:	107	Resp:	527538
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	104.8	26.7	66.7#
79	28.2	6.3	46.3

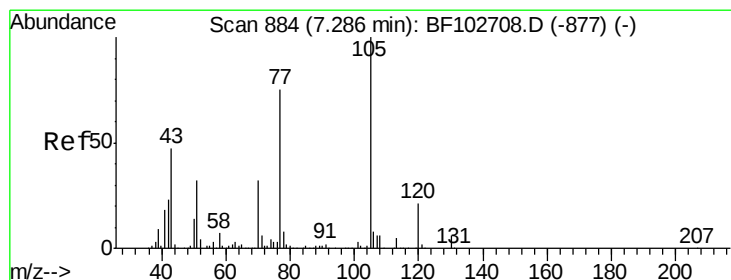
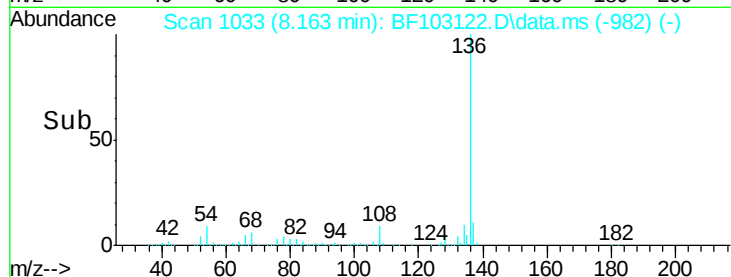
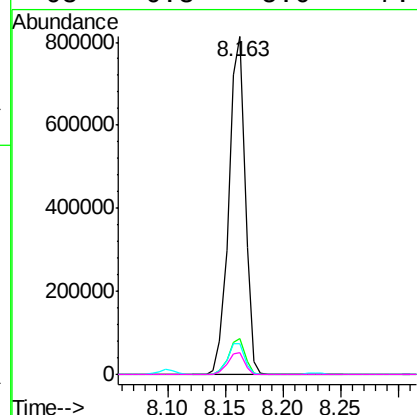
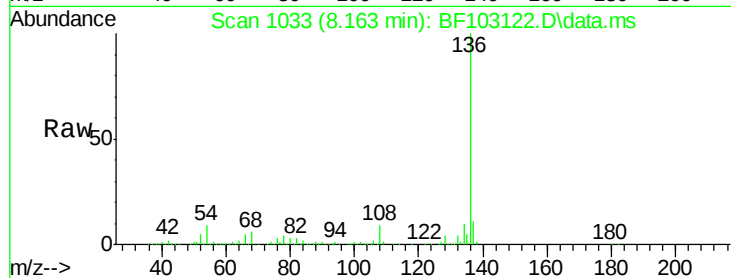




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

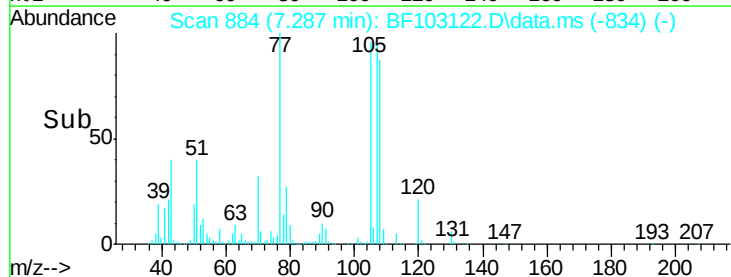
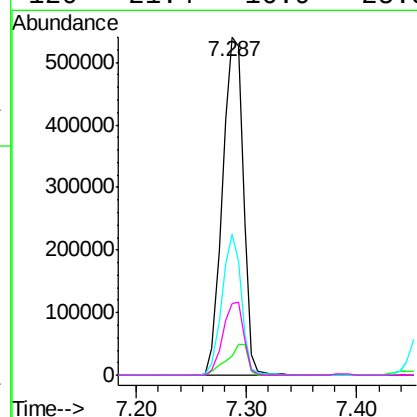
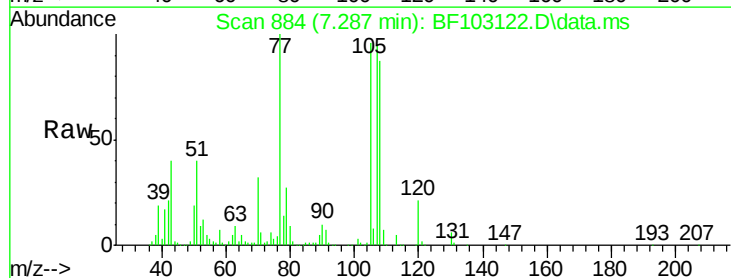
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	803235
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.0	6.6 9.8
68	6.3	5.0 7.4



#22
Acetophenone
Concen: 36.34 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:105	Resp:	714223
Ion Ratio	Lower	Upper
105	100	
71	5.8	4.4 6.6
51	41.7	22.3 33.5#
120	21.4	16.9 25.3

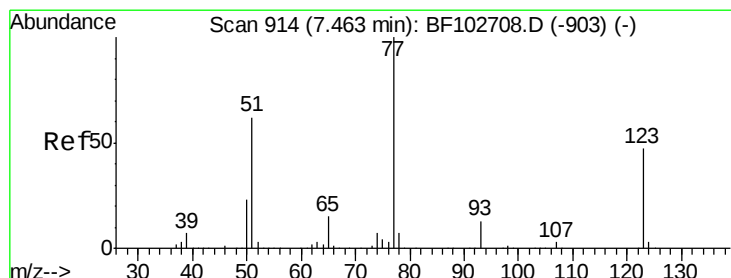
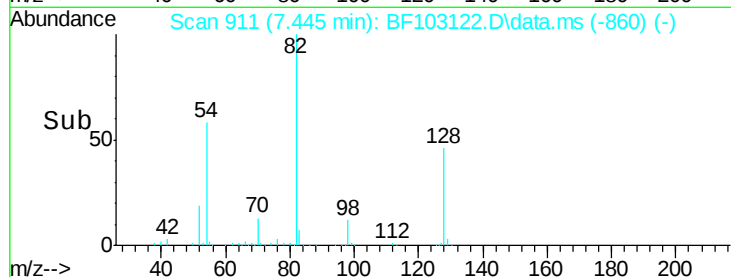
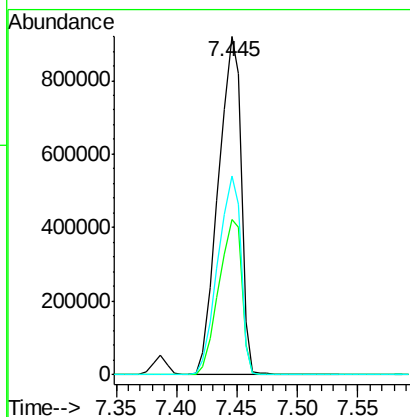
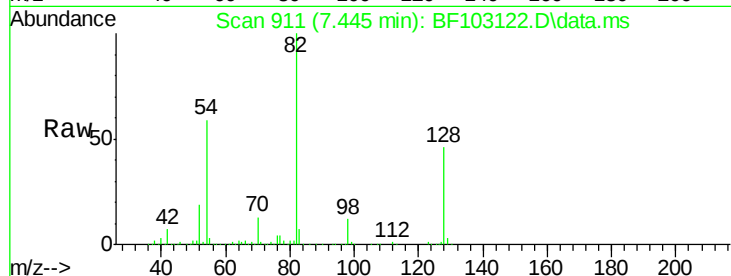




#23
 Nitrobenzene-d5
 Concen: 103.85 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

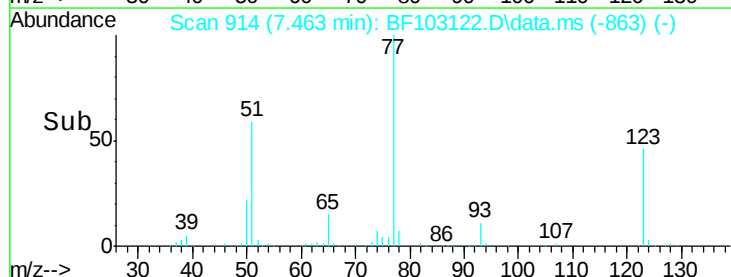
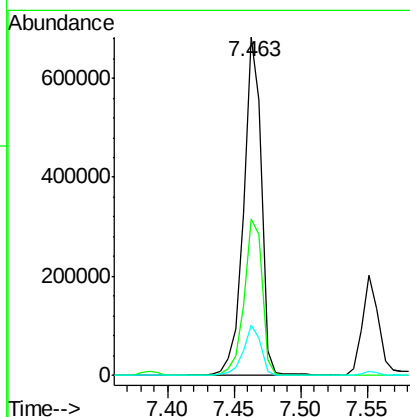
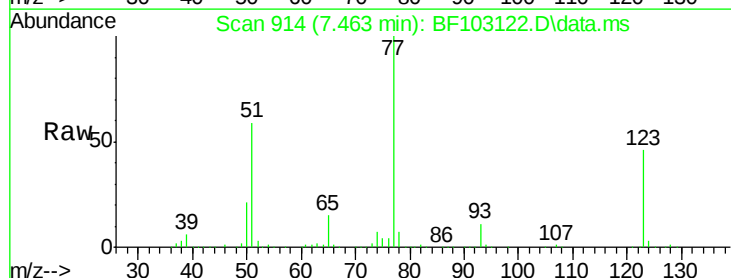
Instrument :
 BNA_F
 ClientSampleId :

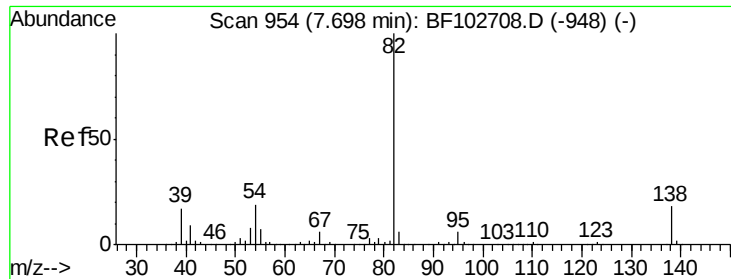
Tot Ion: 82 Resp: 1202433
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 58.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 45.72 ng
 RT: 7.463 min Scan# 914
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion: 77 Resp: 622703
 Ion Ratio Lower Upper
 77 100
 123 46.4 37.9 56.9
 65 14.8 11.0 16.4





#25

Isophorone

Concen: 44.66 ng

RT: 7.698 min Scan# 95

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

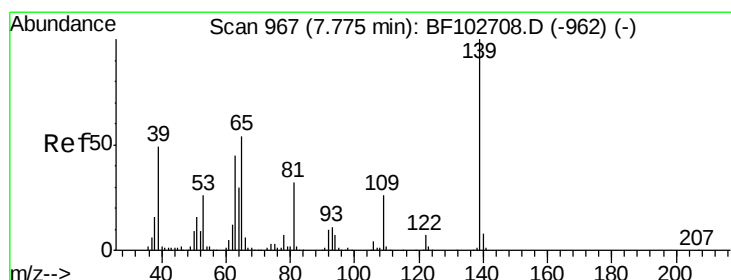
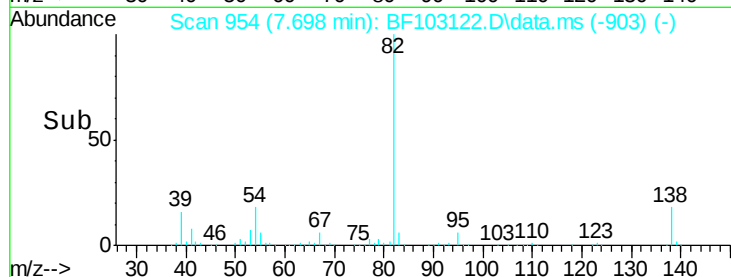
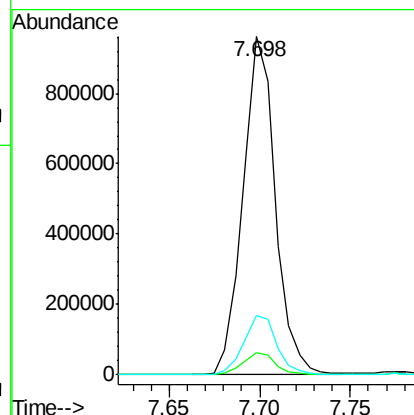
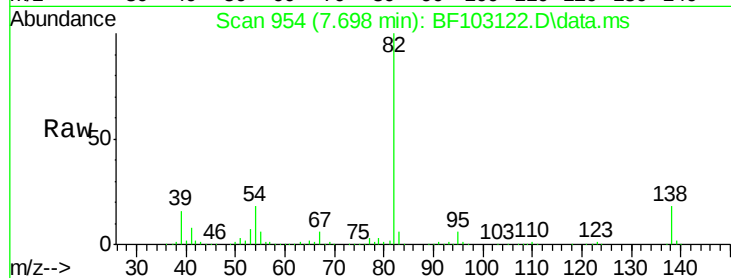
Tot Ion: 82 Resp: 1190818

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 56.60 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

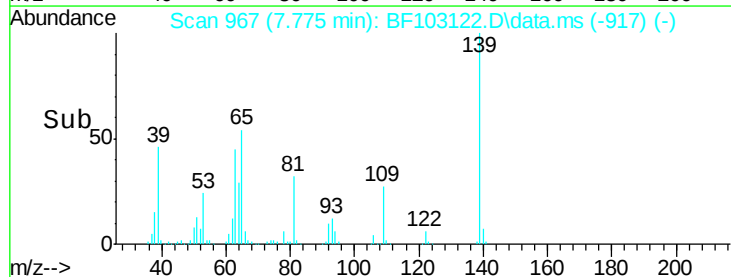
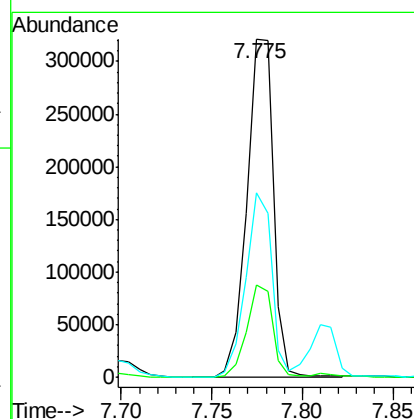
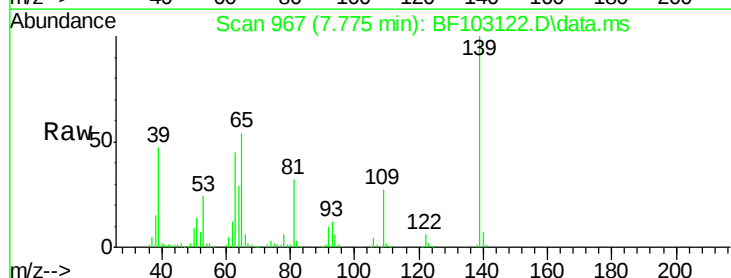
Tgt Ion: 139 Resp: 327324

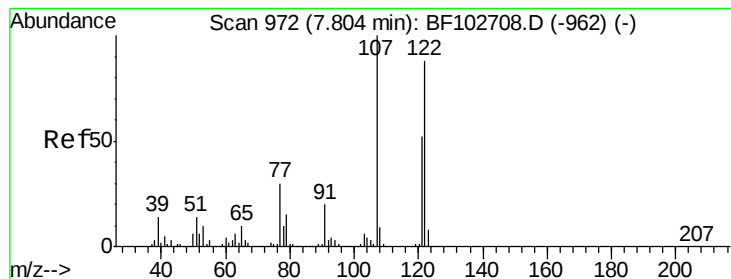
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 54.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.22 ng

RT: 7.816 min Scan# 97

Delta R.T. 0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

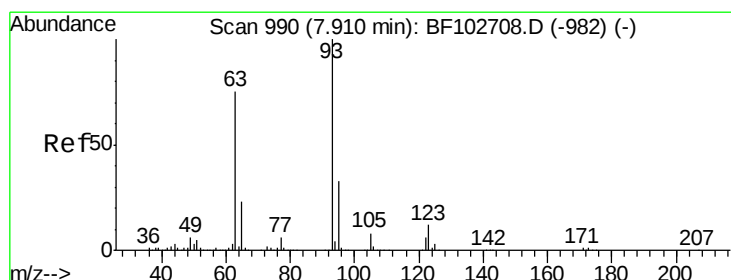
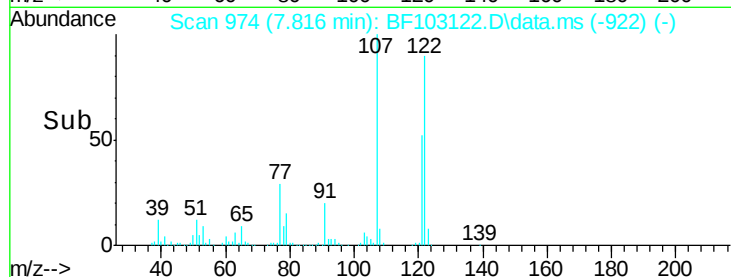
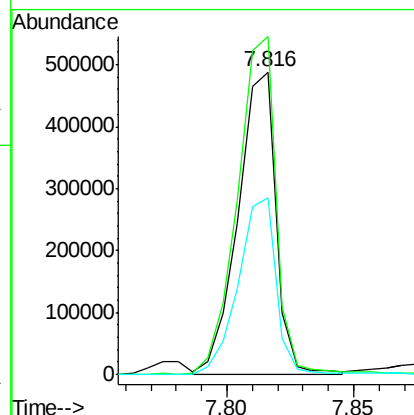
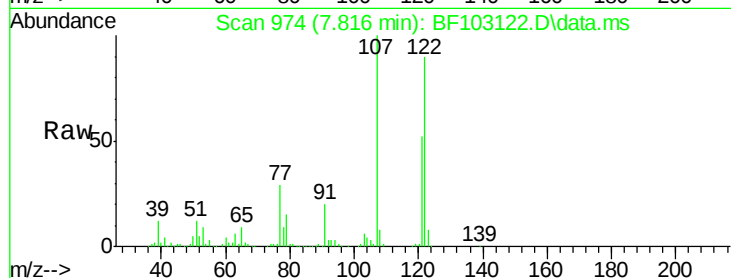
Tot Ion:122 Resp: 509385

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

121 58.5 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.41 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

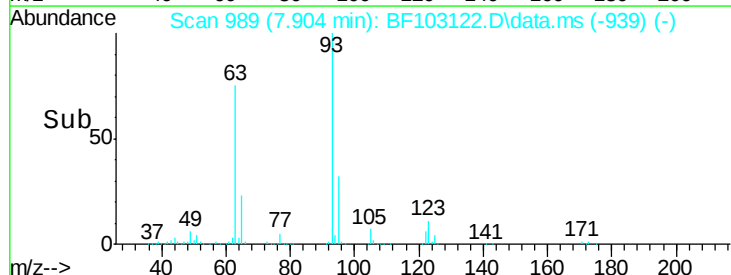
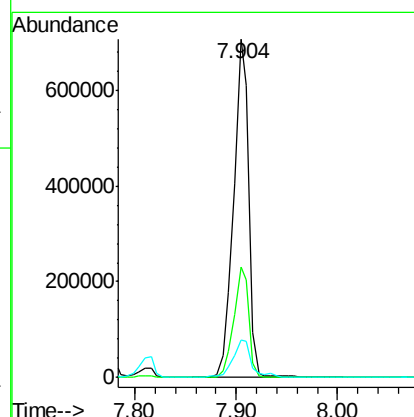
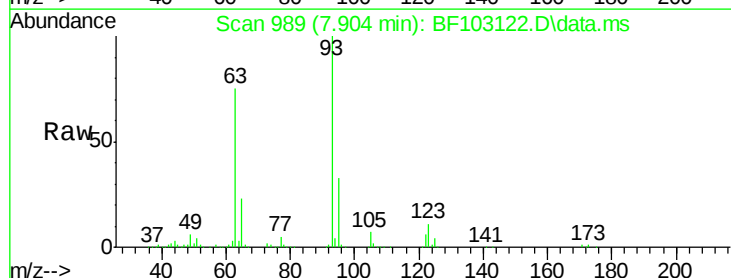
Tgt Ion: 93 Resp: 733060

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 11.1 9.8 14.6

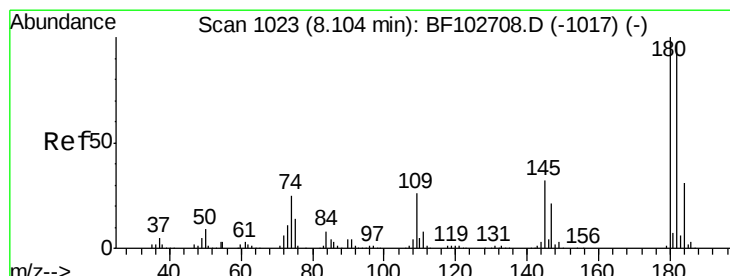
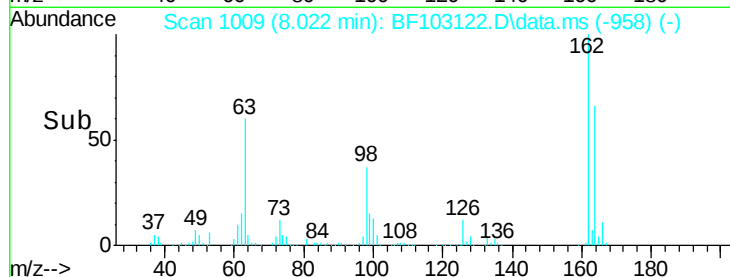
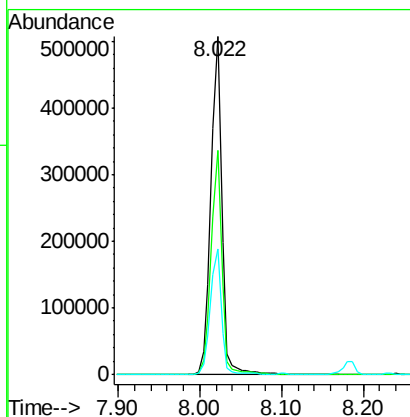
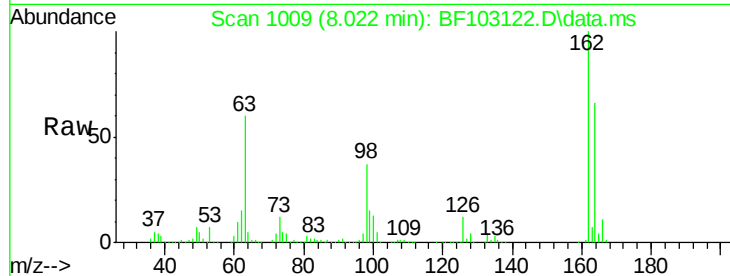




#29
 2,4-Dichlorophenol
 Concen: 45.97 ng
 RT: 8.022 min Scan# 1007
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

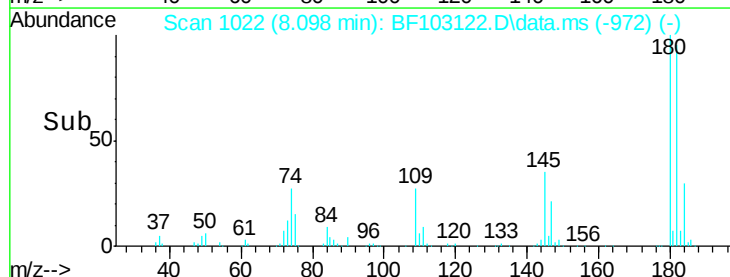
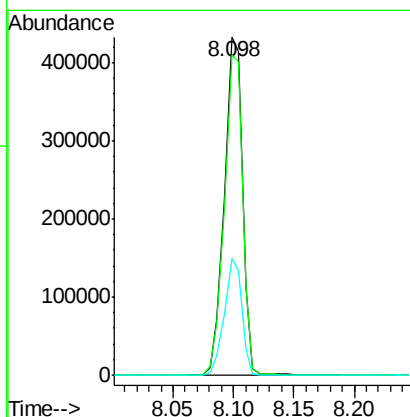
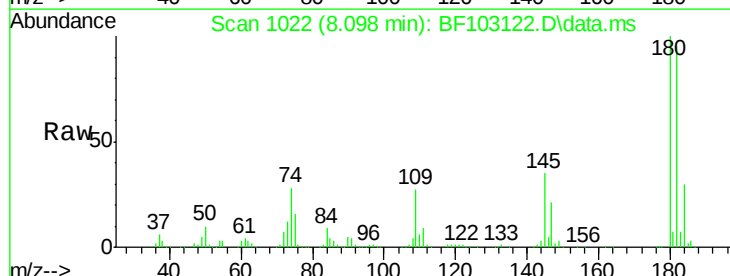
Instrument :
 BNA_F
 ClientSampleId :

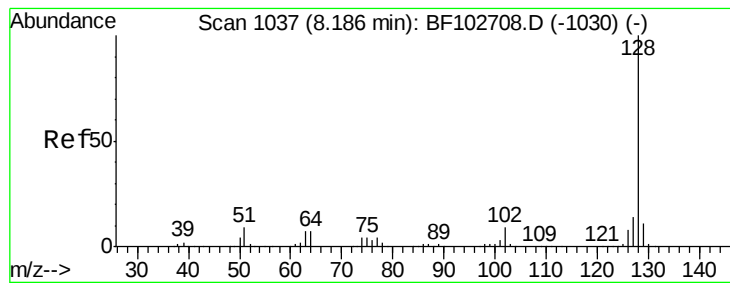
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.7	82.7
98	37.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.04 ng
 RT: 8.098 min Scan# 1022
 Delta R.T. -0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	34.5	26.5	39.7





#31

Naphthalene

Concen: 39.54 ng

RT: 8.187 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

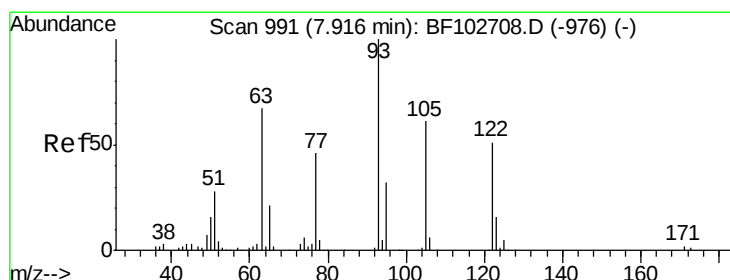
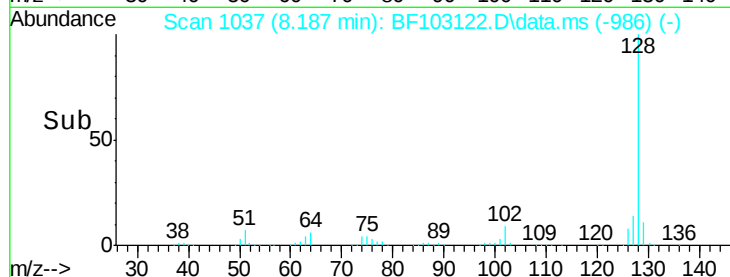
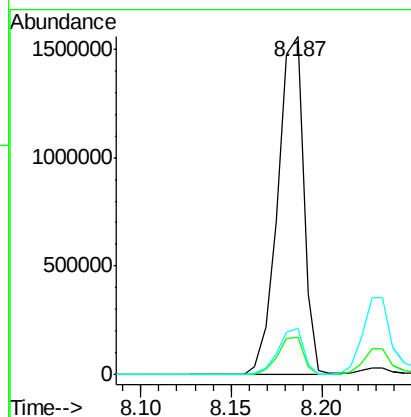
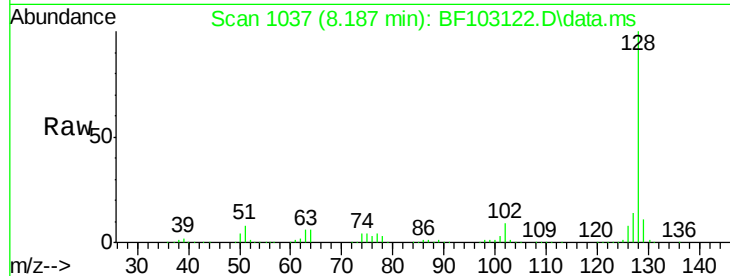
Tot Ion:128 Resp: 1551654

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 32.28 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

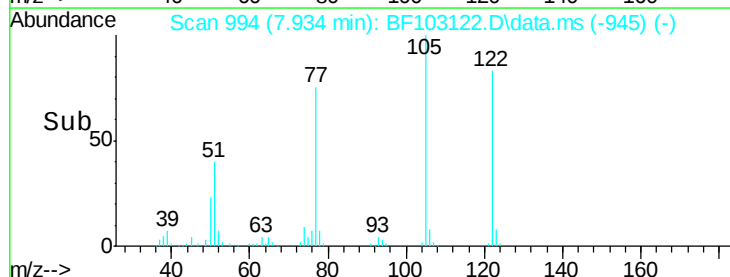
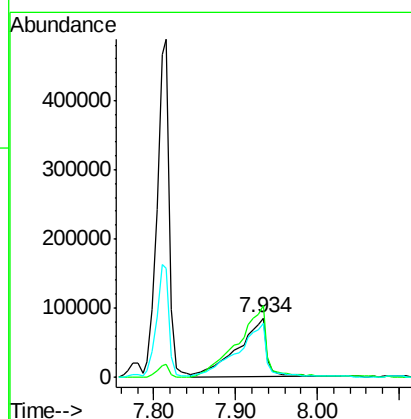
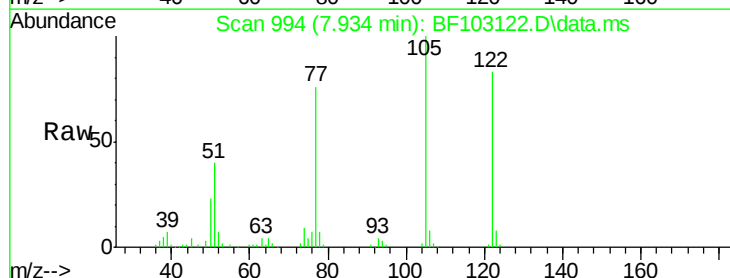
Tgt Ion:122 Resp: 215796

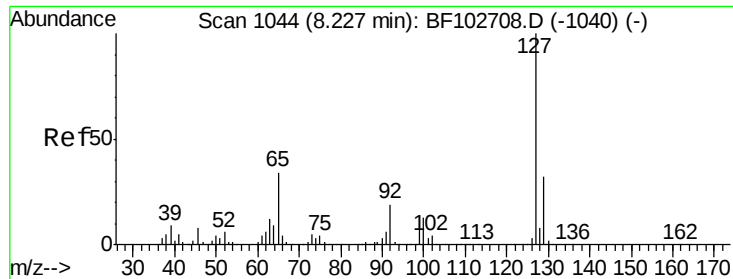
Ion Ratio Lower Upper

122 100

105 120.8 101.1 141.1

77 91.7 70.7 110.7

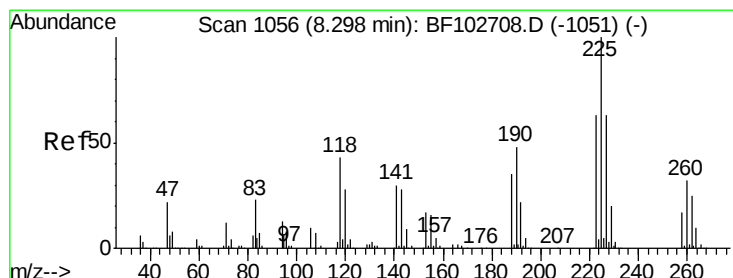
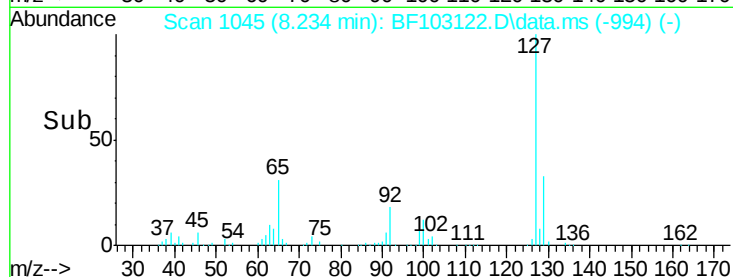
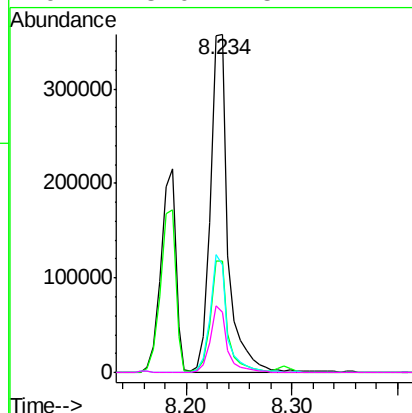
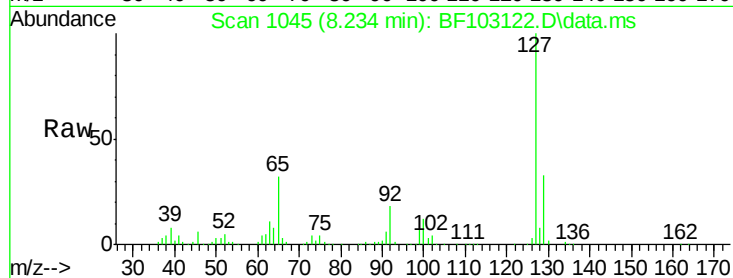




#33
4-Chloroaniline
Concen: 24.79 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

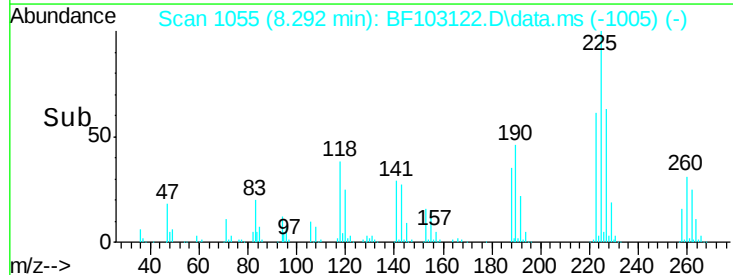
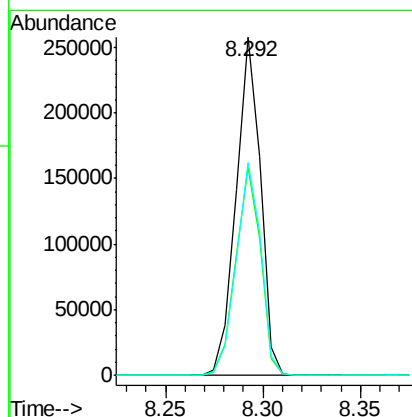
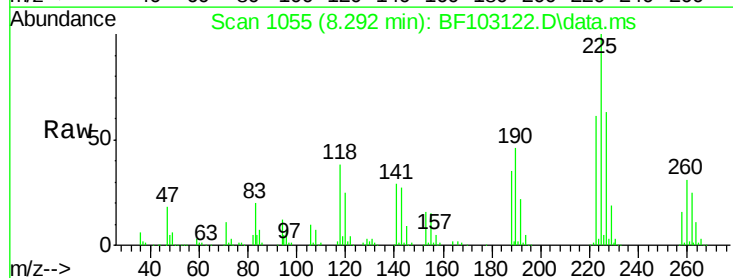
Instrument :
BNA_F
ClientSampleId :

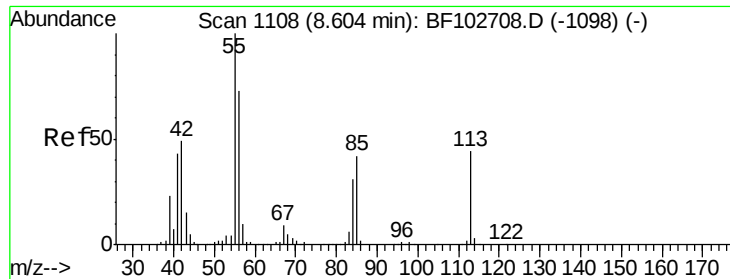
Tot Ion:	127	Resp:	419023
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	31.9	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.61 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:	225	Resp:	223244
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.0	51.9	77.9





#35

Caprolactam

Concen: 15.60 ng

RT: 8.675 min Scan# 111

Delta R.T. 0.059 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

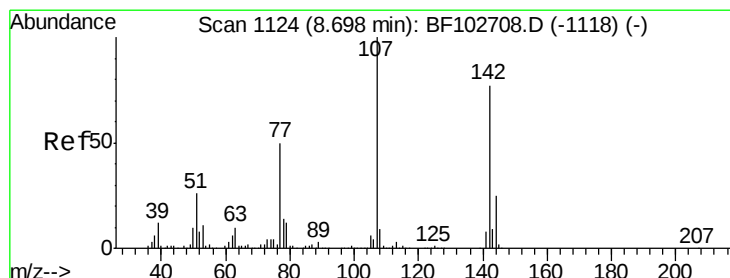
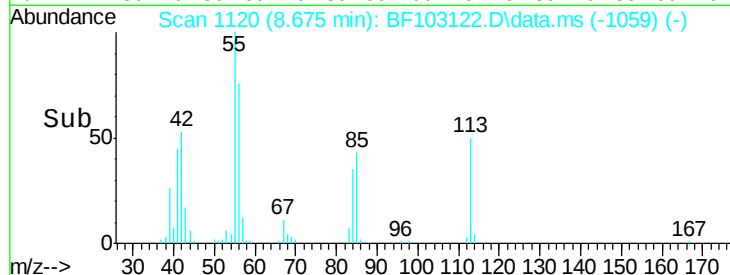
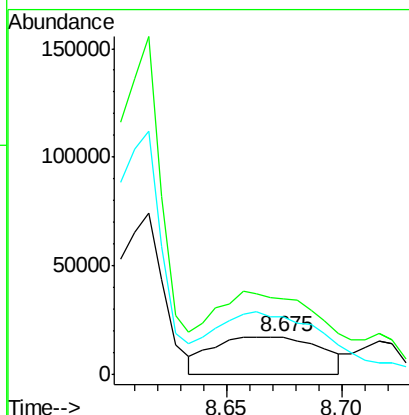
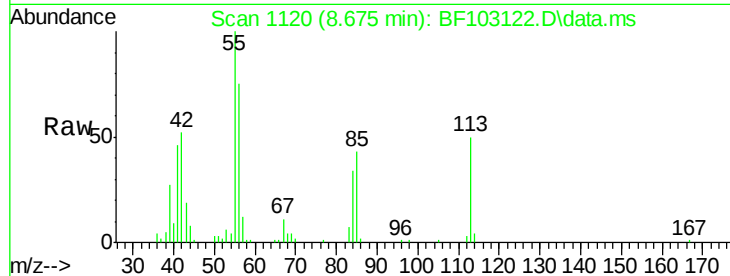
Tot Ion:113 Resp: 55492

Ion Ratio Lower Upper

113 100

55 201.6 163.3 203.3

56 152.1 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 46.81 ng

RT: 8.716 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

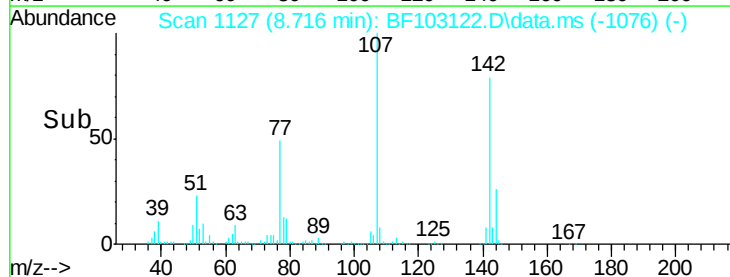
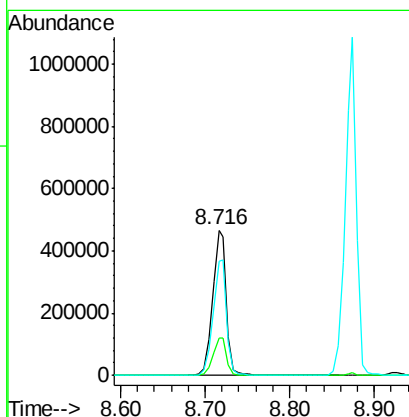
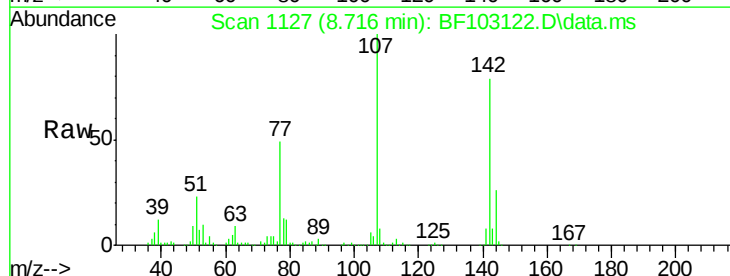
Tgt Ion:107 Resp: 538559

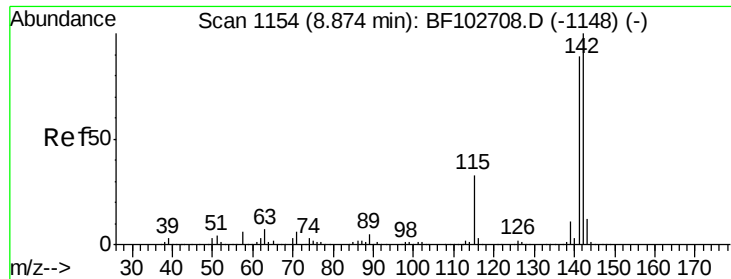
Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

142 78.7 62.0 93.0

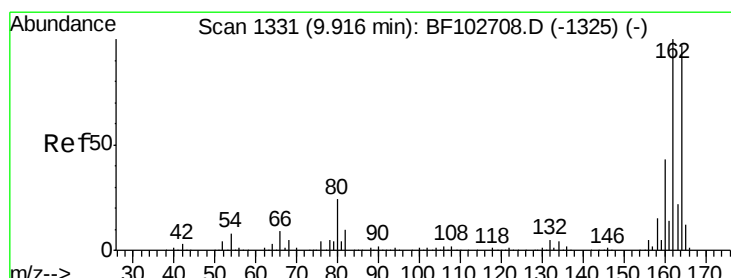
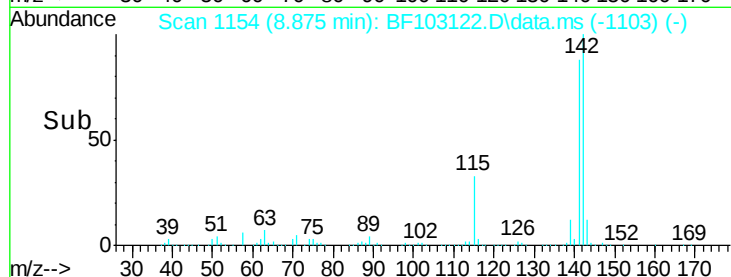
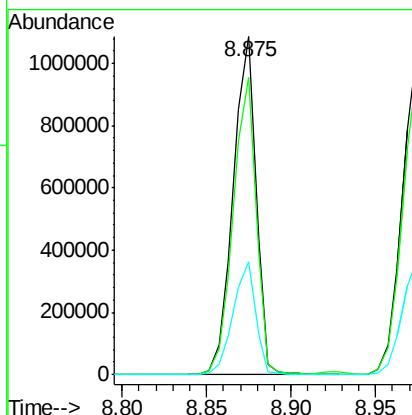
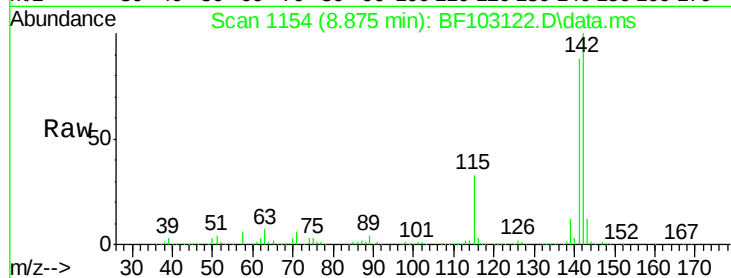




#37
2-Methylnaphthalene
Concen: 39.94 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

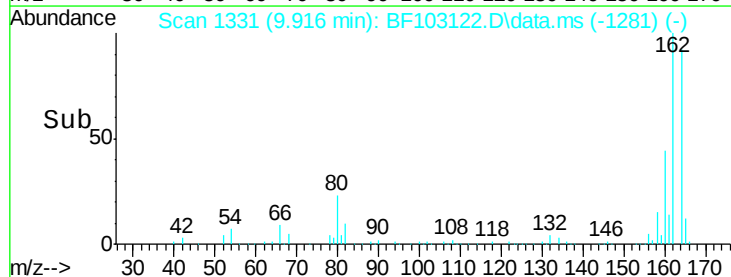
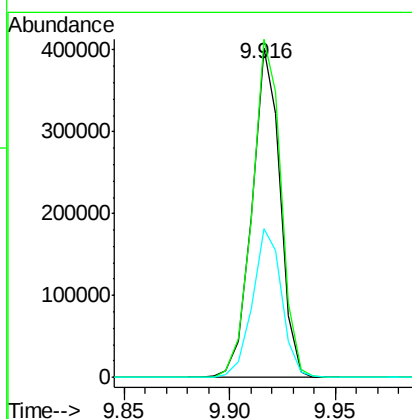
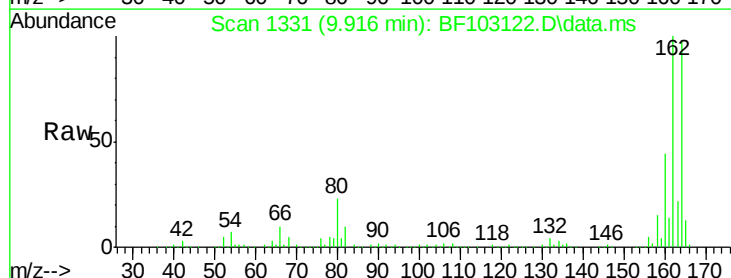
Instrument :
BNA_F
ClientSampleId :

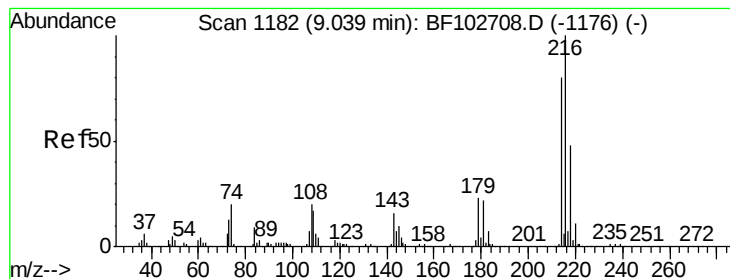
Tot Ion:142 Resp: 1026092
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2
115 33.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:164 Resp: 372036
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 44.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.12 ng

RT: 9.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF103122.D

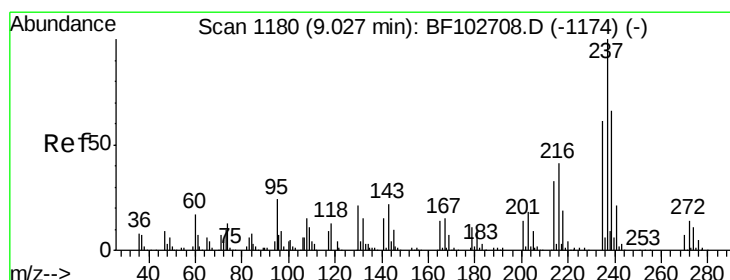
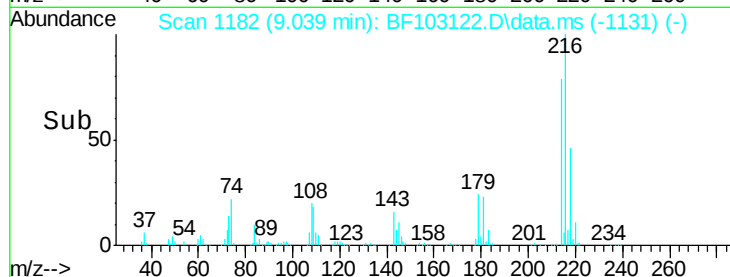
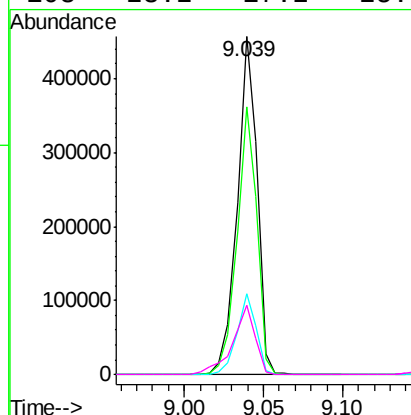
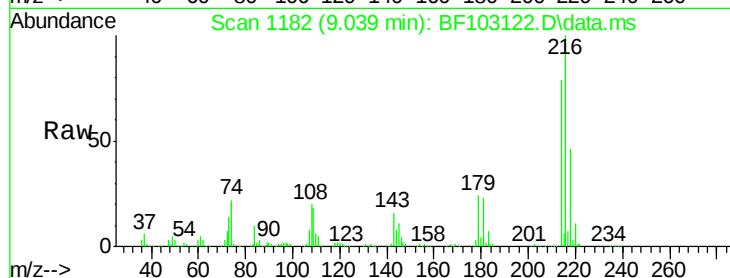
Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	396307
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.0	94.4
179	23.2	18.1	27.1
108	23.2	17.2	25.8



#40

Hexachlorocyclopentadiene

Concen: 53.65 ng

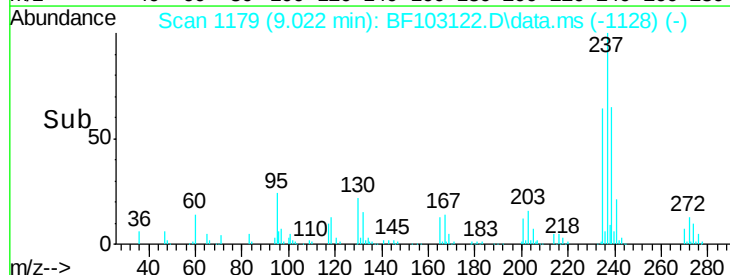
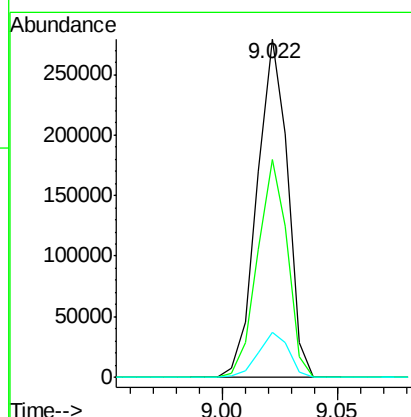
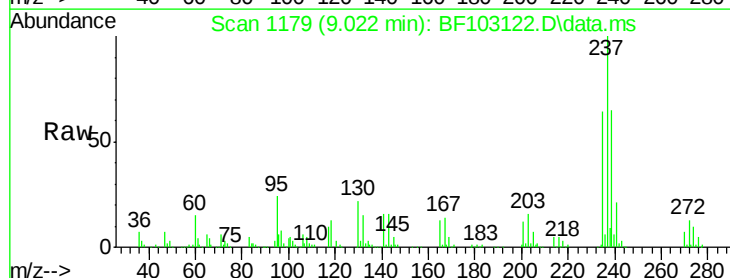
RT: 9.022 min Scan# 1179

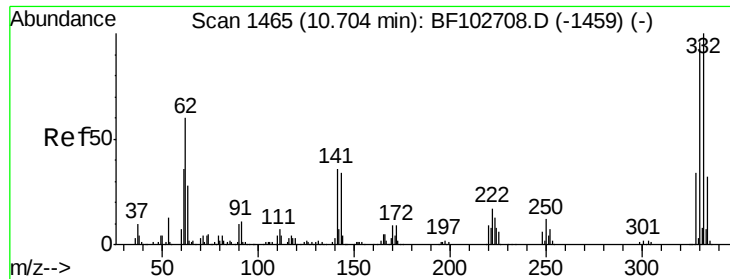
Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	237	Resp:	258352
Ion Ratio		Lower	Upper
237	100		
235	64.5	44.8	84.8
272	13.4	0.0	33.3

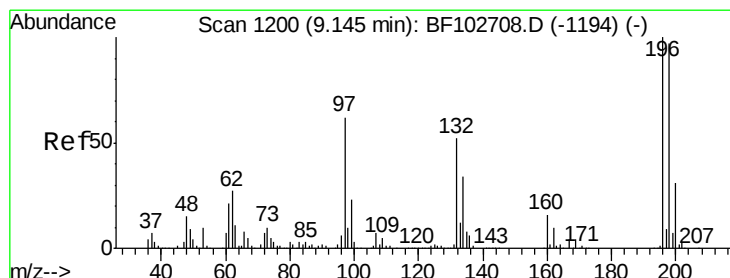
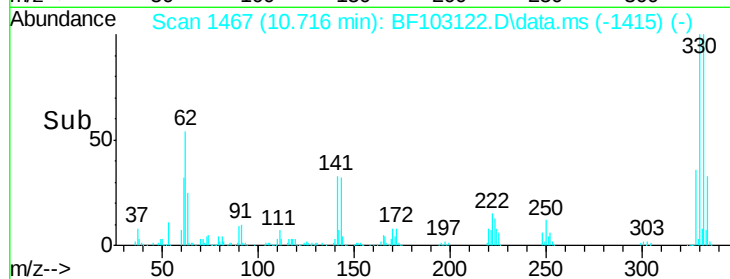
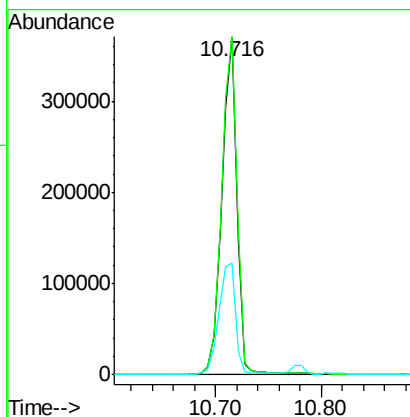
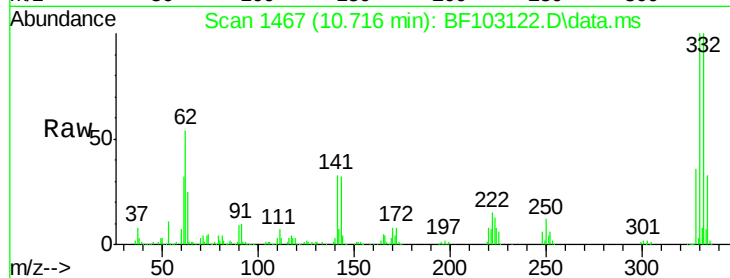




#41
 2,4,6-Tribromophenol
 Concen: 124.74 ng
 RT: 10.716 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

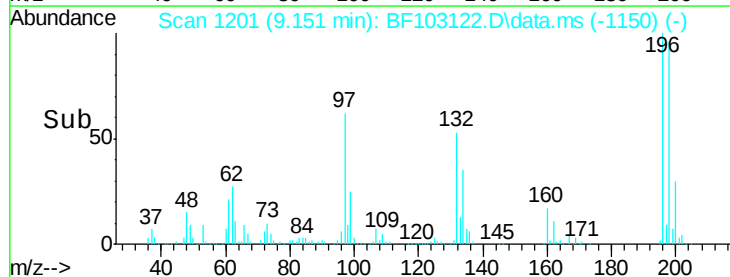
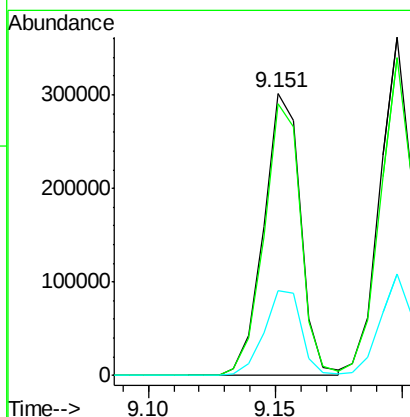
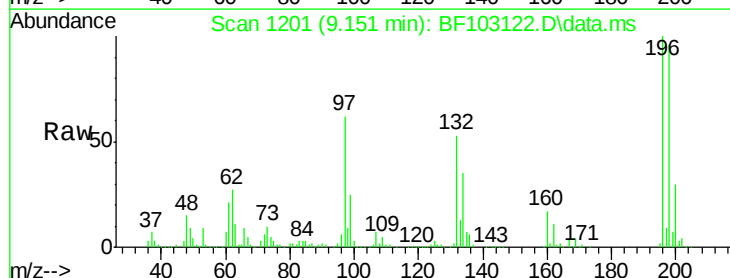
Instrument :
 BNA_F
 ClientSampleId :

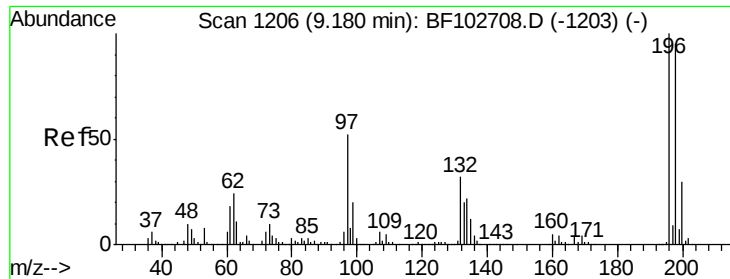
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	37.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.50 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	30.1	24.5	36.7

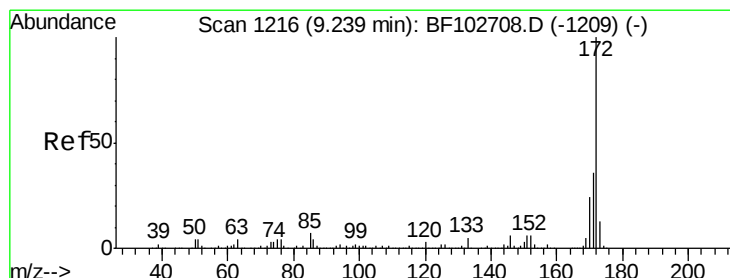
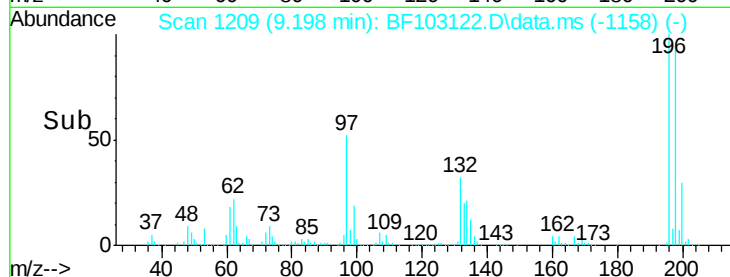
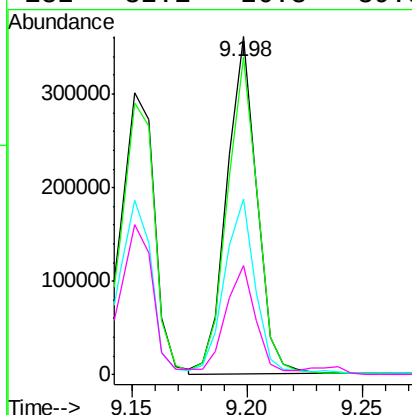
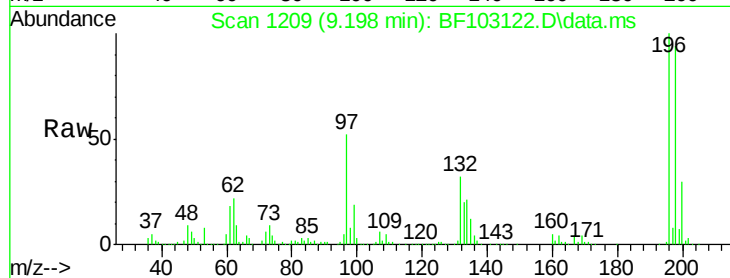




#43
 2,4,5-Trichlorophenol
 Concen: 43.62 ng
 RT: 9.198 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

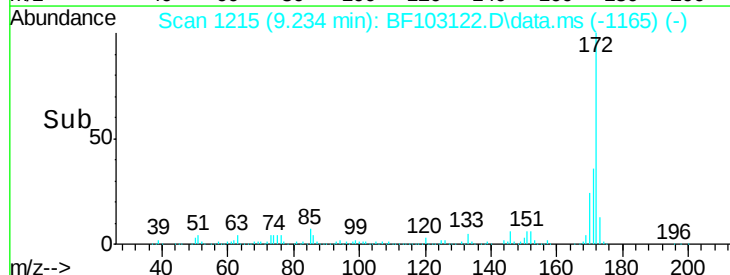
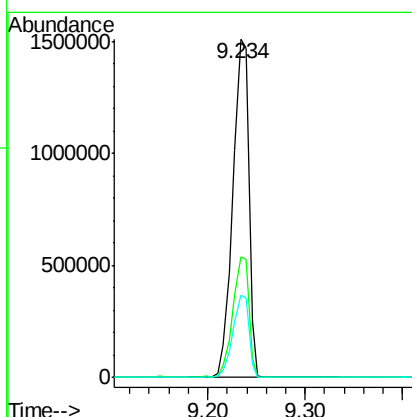
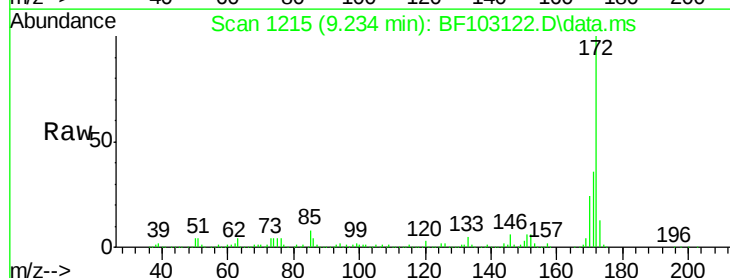
Instrument :
 BNA_F
 ClientSampleId :

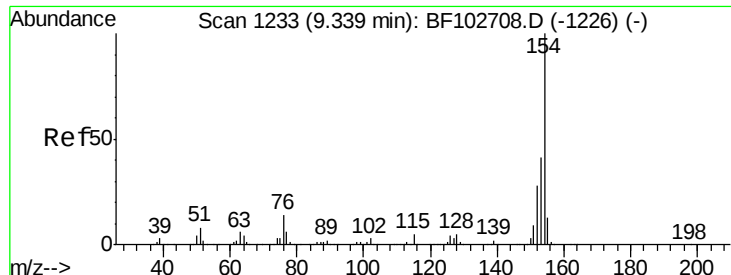
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	52.1	42.9	64.3
132	32.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 77.15 ng
 RT: 9.234 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4

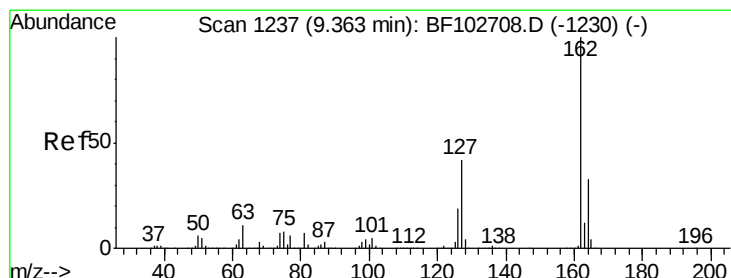
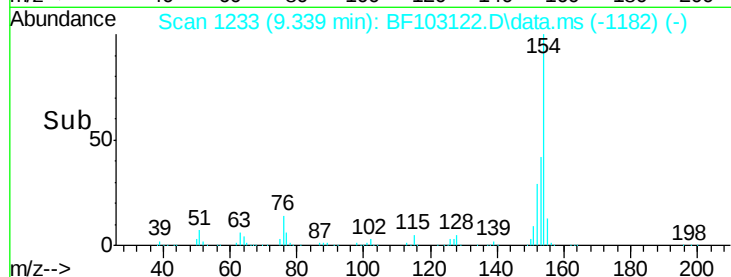
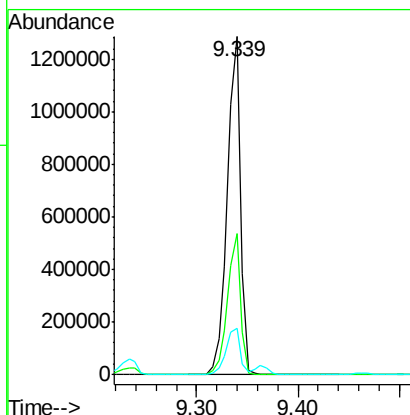
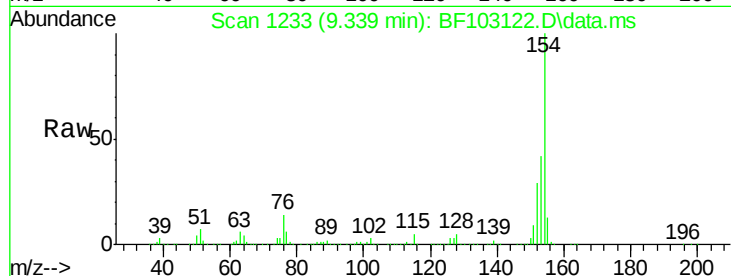




#45
 1,1'-Biphenyl
 Concen: 37.30 ng
 RT: 9.339 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

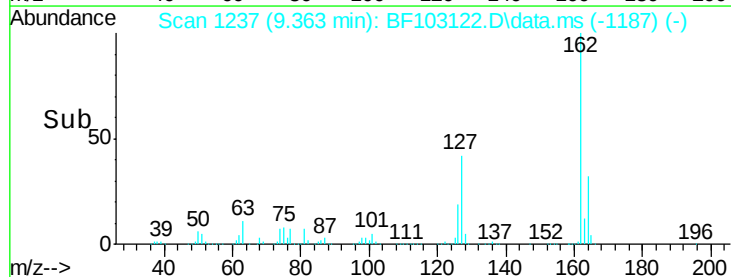
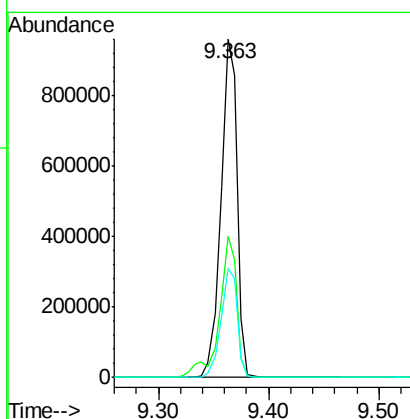
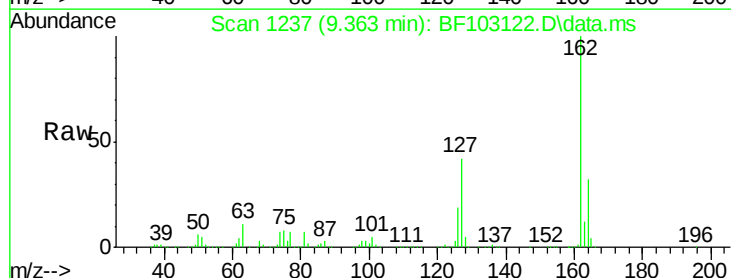
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1168782
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.3 61.3
 76 13.6 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 39.66 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion:162 Resp: 978352
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 32.3 26.5 39.7

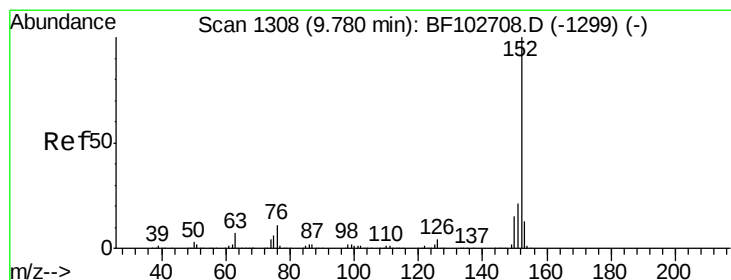
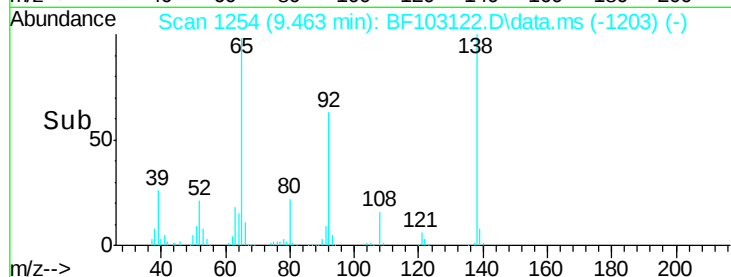
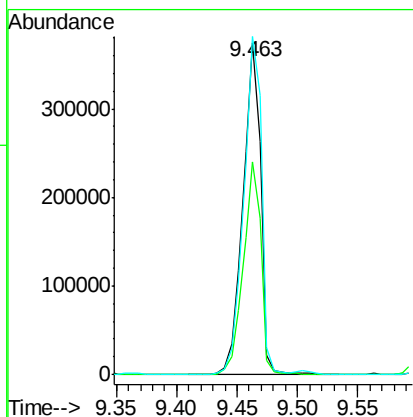
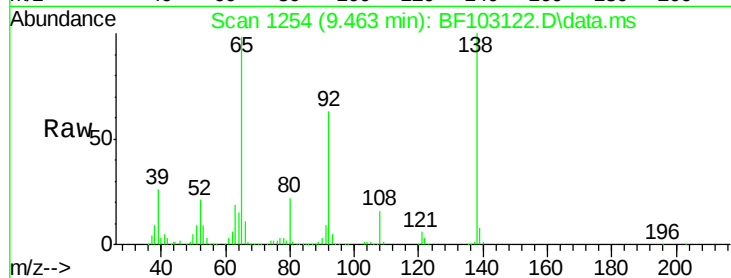




#47
2-Nitroaniline
Concen: 50.28 ng
RT: 9.463 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

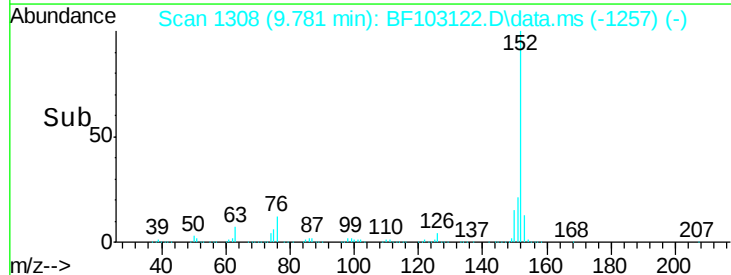
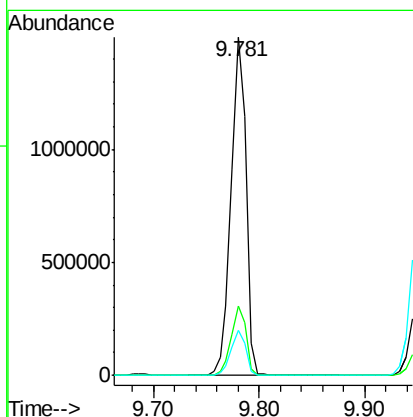
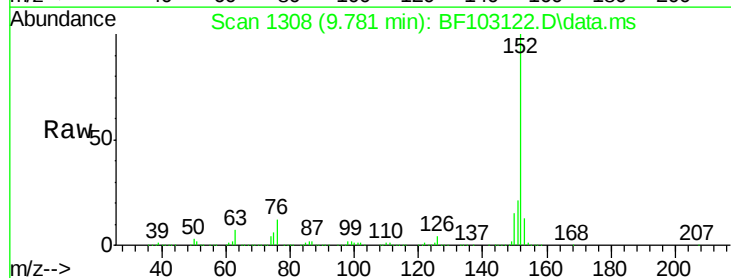
Instrument :
BNA_F
ClientSampleId :

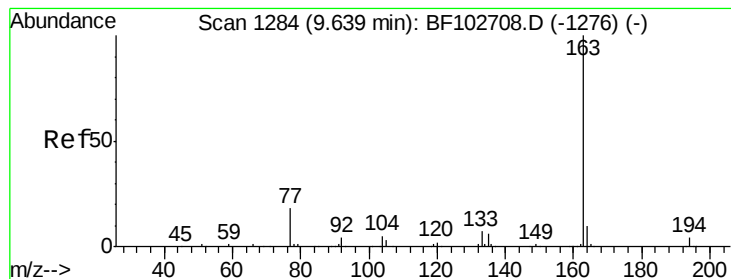
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	102.0	91.2	136.8



#48
Acenaphthylene
Concen: 37.96 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.2	10.7	16.1





#49

Dimethylphthalate

Concen: 47.05 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

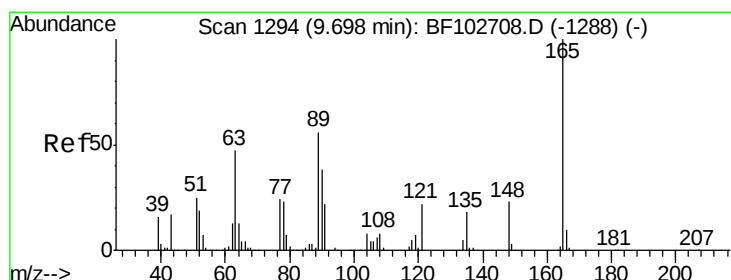
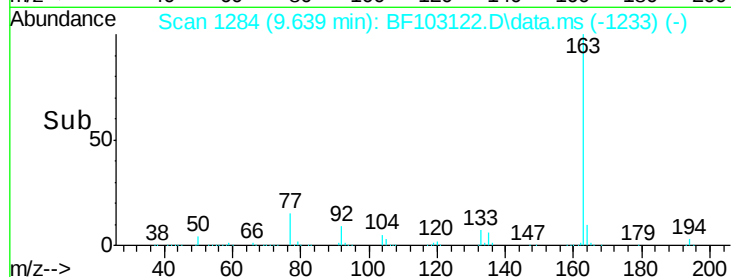
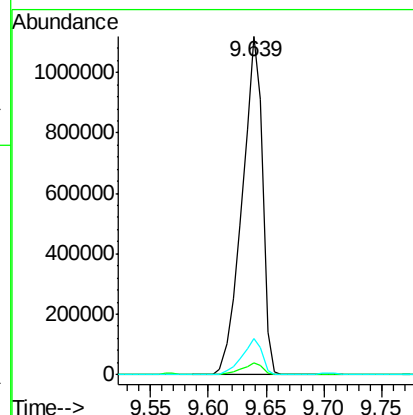
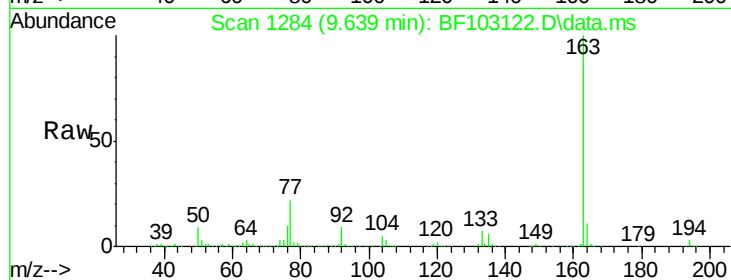
Tot Ion:163 Resp: 1364765

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.5 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 49.28 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

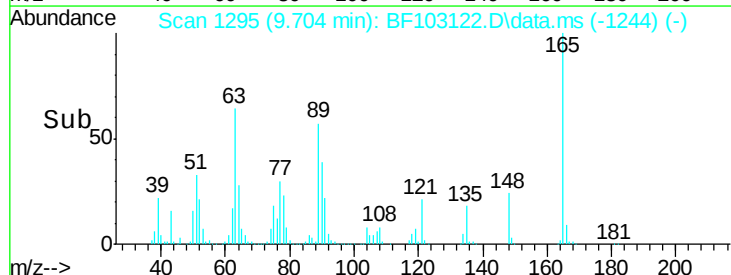
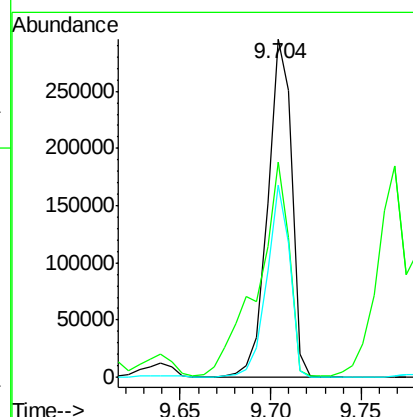
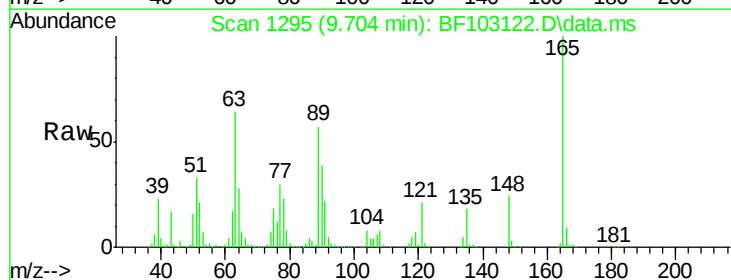
Tgt Ion:165 Resp: 271958

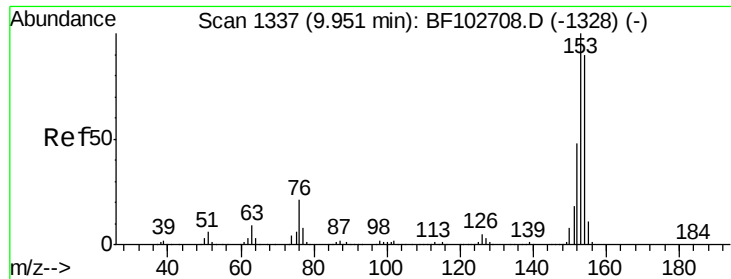
Ion Ratio Lower Upper

165 100

63 63.7 44.7 67.1

89 56.7 44.0 66.0





#51

Acenaphthene

Concen: 36.48 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

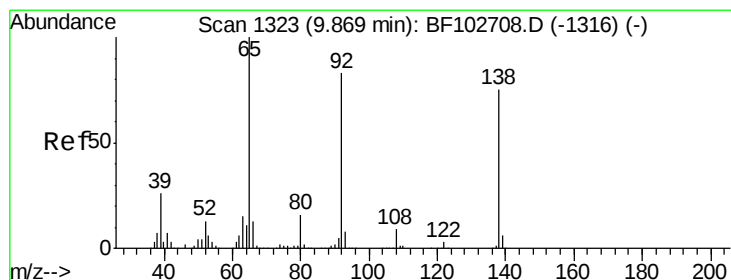
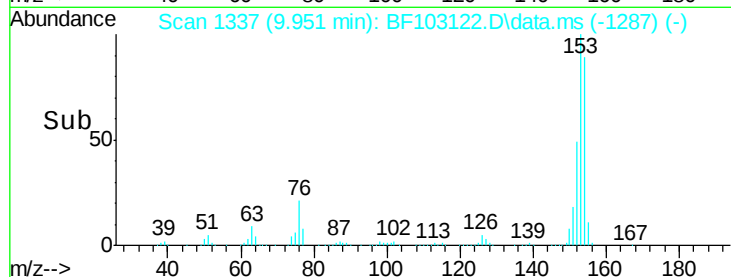
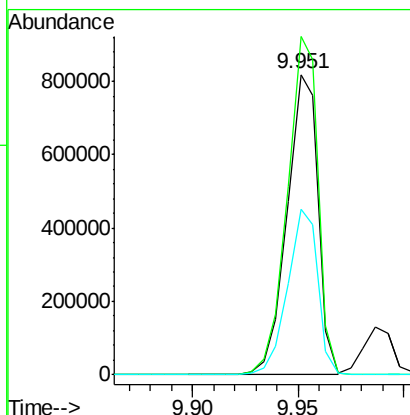
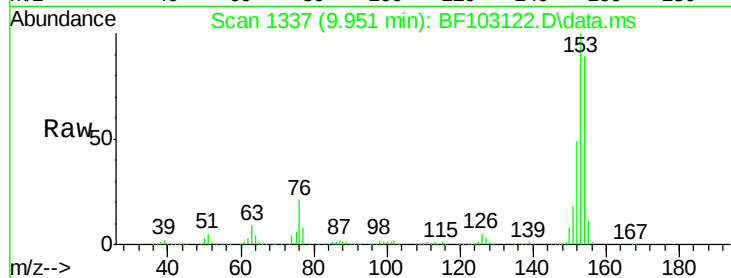
Tot Ion:154 Resp: 835899

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

152 55.3 43.8 65.8



#52

3-Nitroaniline

Concen: 36.58 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

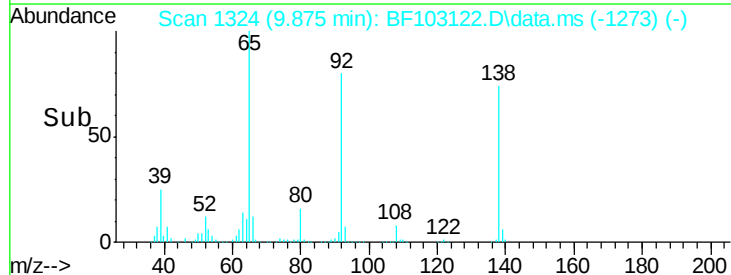
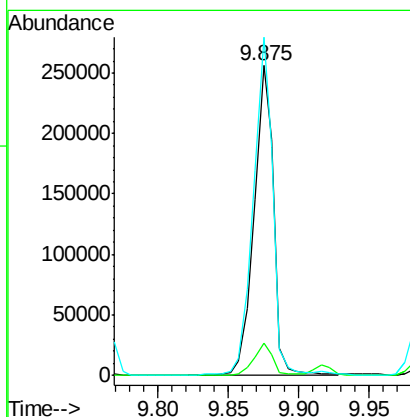
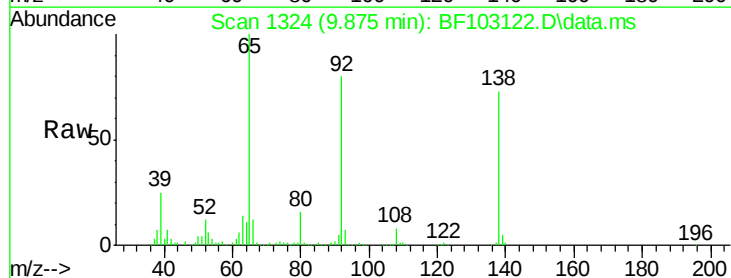
Tgt Ion:138 Resp: 248400

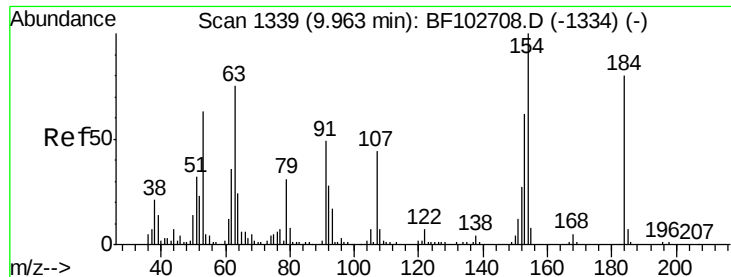
Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

92 109.1 89.4 134.2

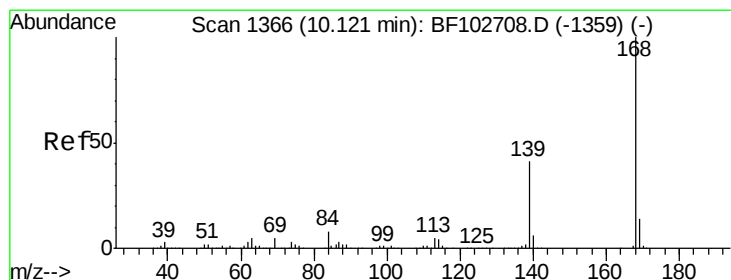
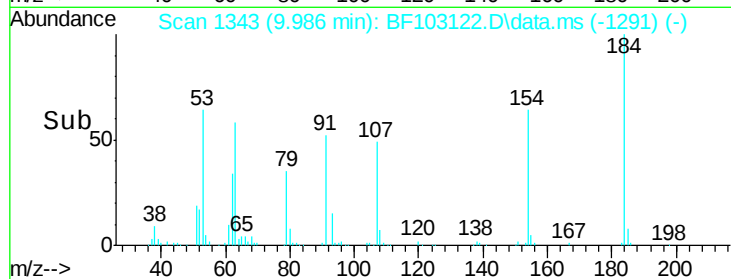
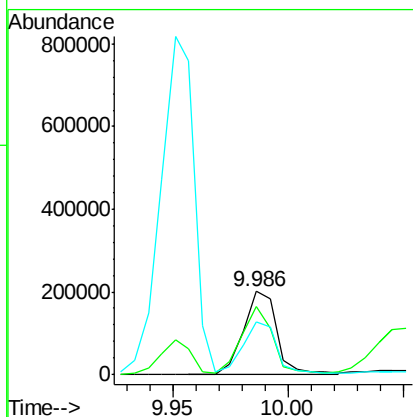
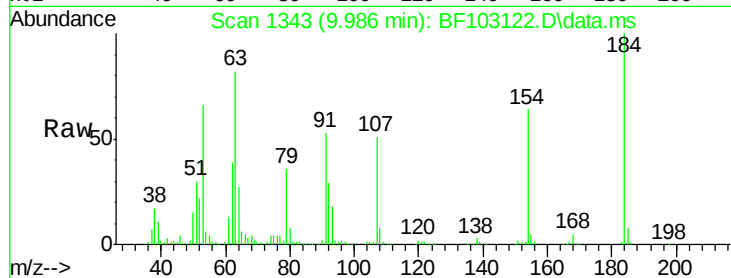




#53
2,4-Dinitrophenol
Concen: 96.56 ng
RT: 9.986 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

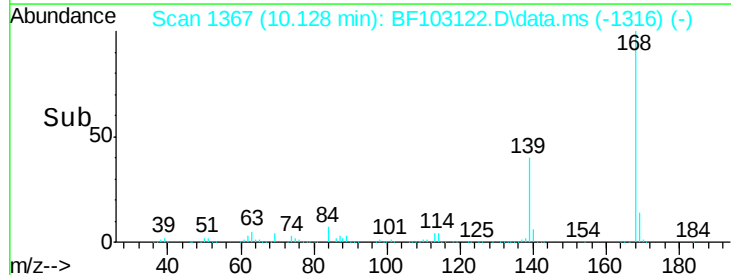
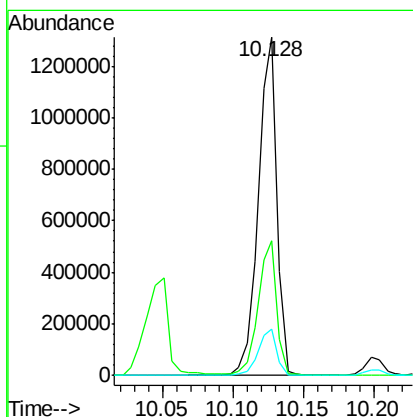
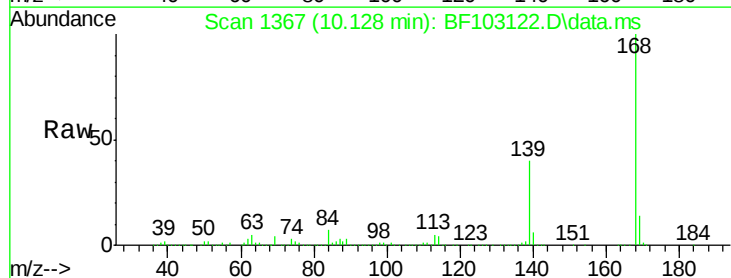
Instrument :
BNA_F
ClientSampleId :

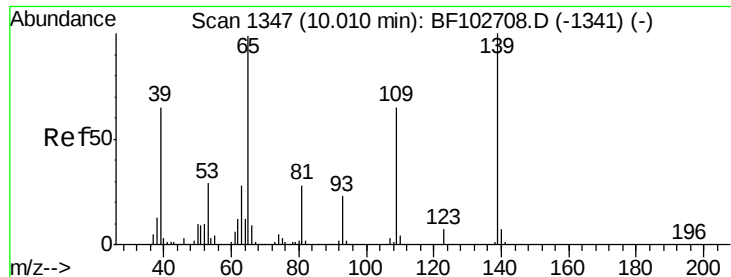
Tot Ion:184 Resp: 205421
Ion Ratio Lower Upper
184 100
63 81.5 54.2 81.2#
154 63.8 184.0 276.0#



#54
Dibenzofuran
Concen: 37.82 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:168 Resp: 1221136
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.8 10.9 16.3

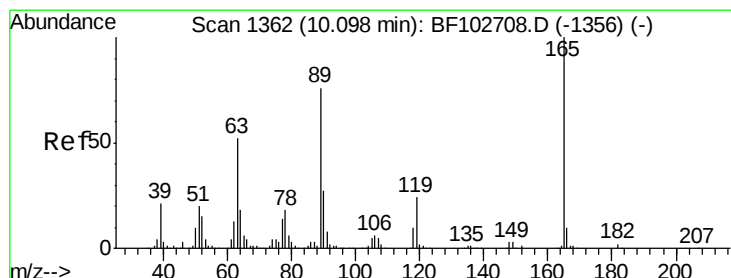
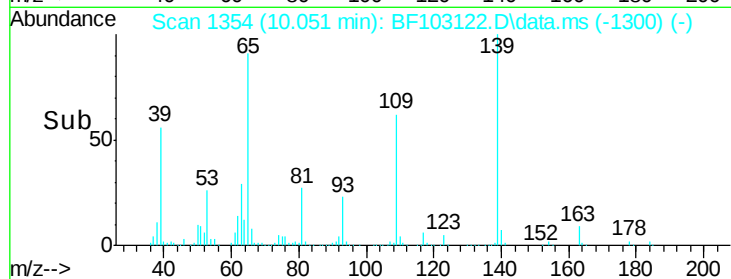
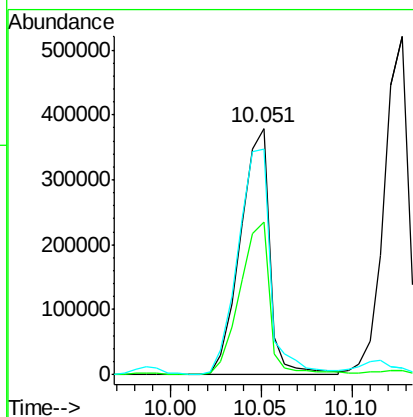
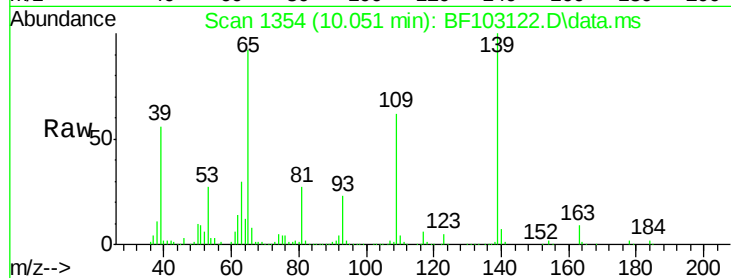




#55
4-Nitrophenol
Concen: 76.60 ng
RT: 10.051 min Scan# 1347
Delta R.T. 0.018 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

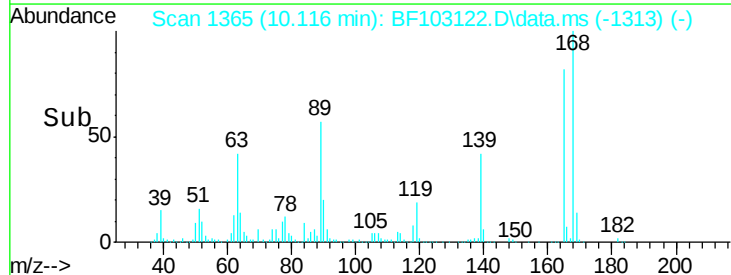
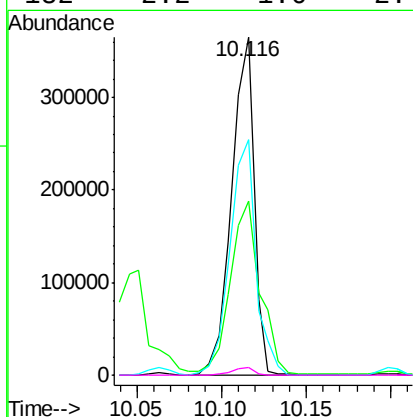
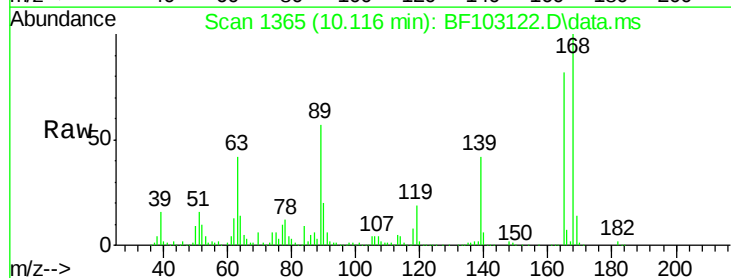
Instrument :
BNA_F
ClientSampleId :

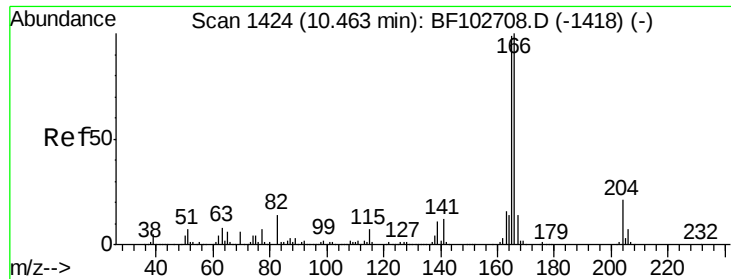
Tot Ion	Ratio	Lower	Upper
139	100		
109	61.8	48.4	88.4
65	91.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 45.63 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	36.4	54.6
89	69.8	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 40.80 ng

RT: 10.469 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

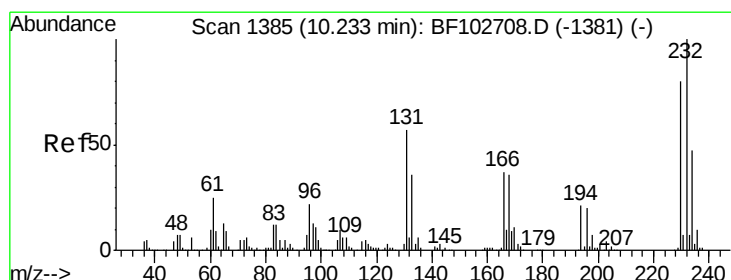
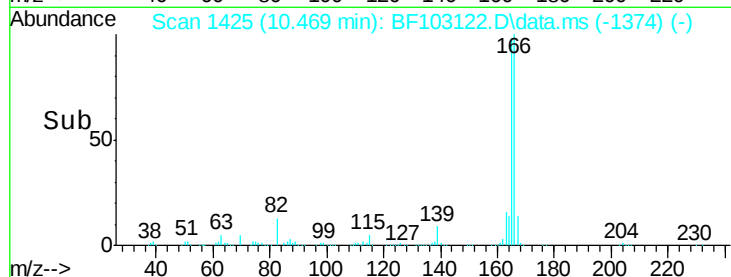
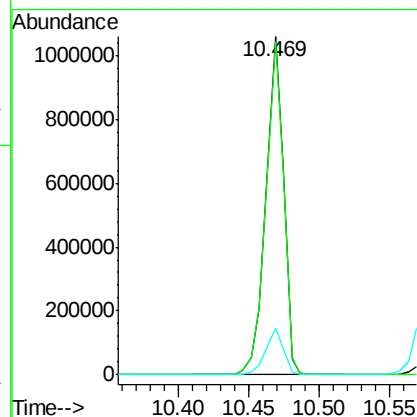
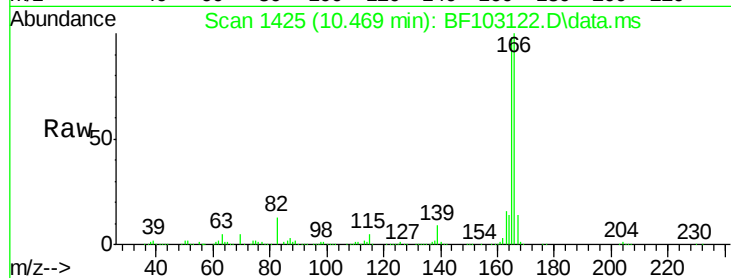
Tot Ion:166 Resp: 958540

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

167 13.5 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.62 ng

RT: 10.245 min Scan# 1387

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:232 Resp: 242320

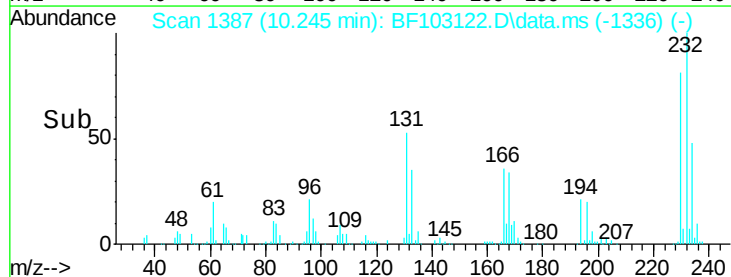
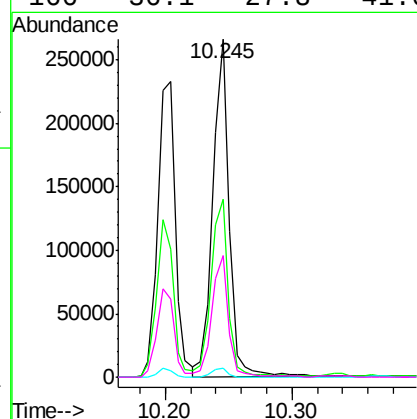
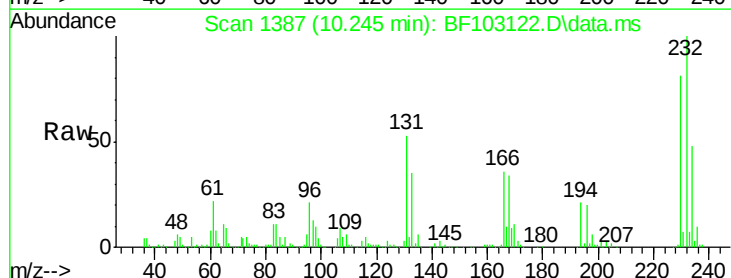
Ion Ratio Lower Upper

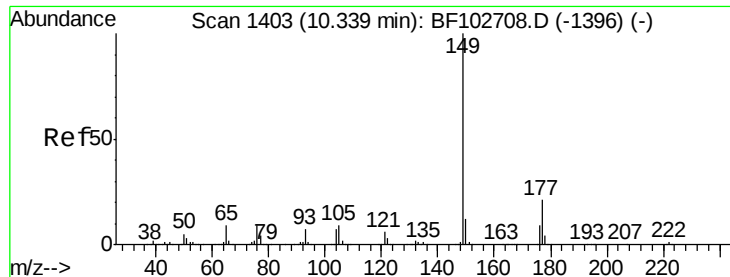
232 100

131 54.3 43.8 65.8

130 2.7 2.1 3.1

166 36.1 27.8 41.6

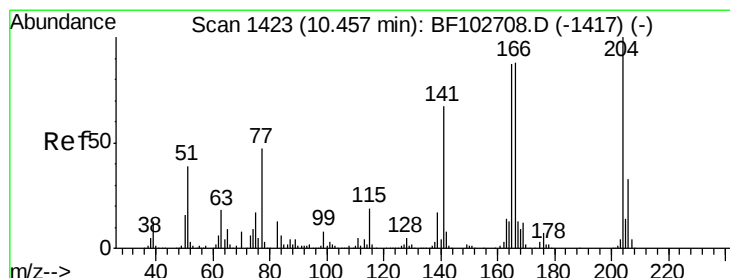
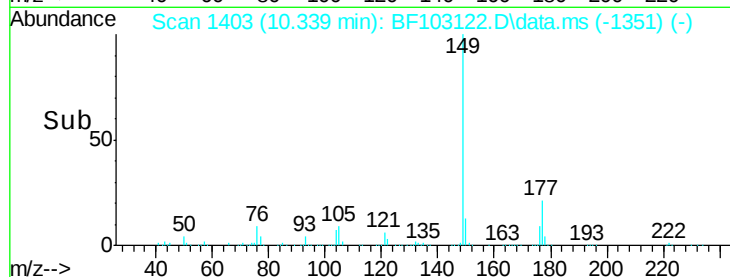
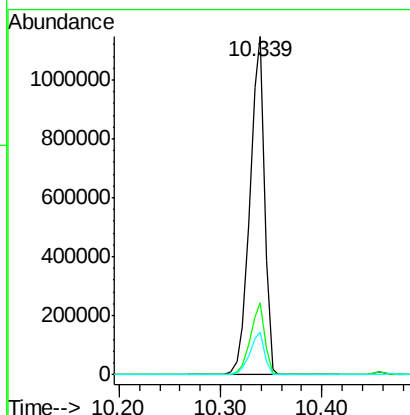
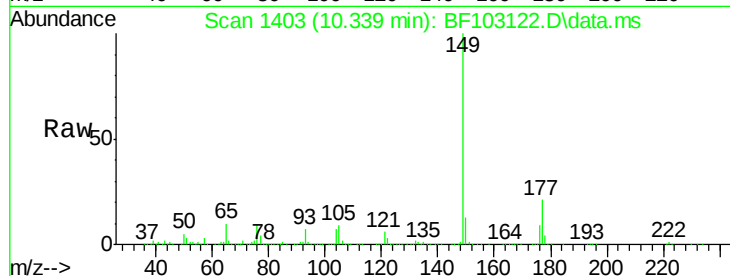




#59
Diethylphthalate
Concen: 40.14 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

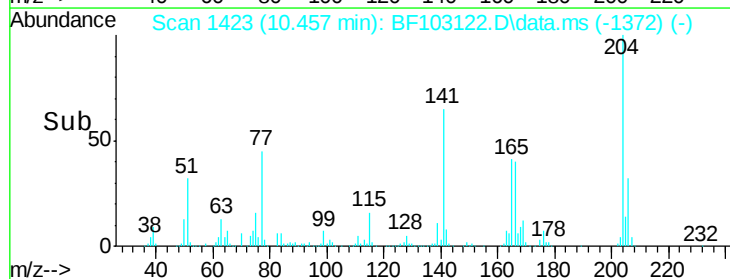
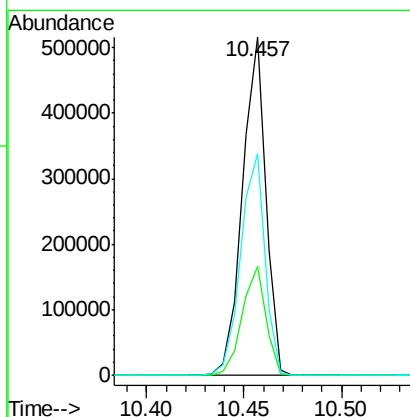
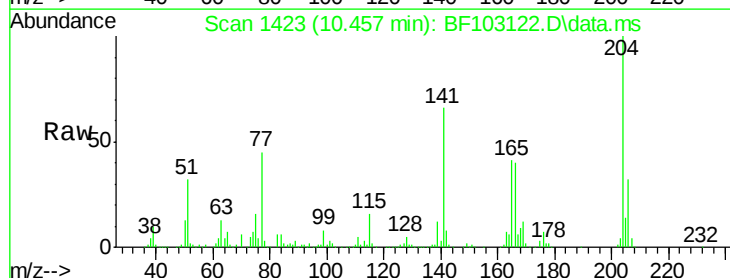
Instrument :
BNA_F
ClientSampled :

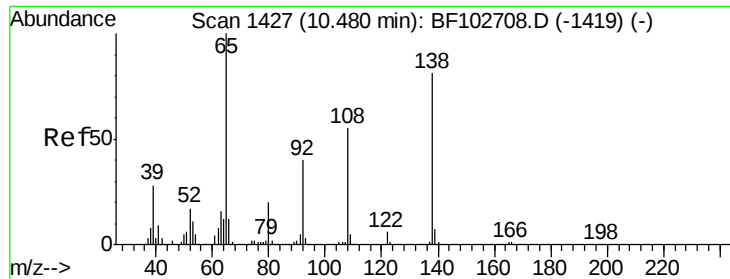
Tot Ion:149 Resp: 1149661
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.30 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:204 Resp: 429274
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 65.6 54.6 81.8

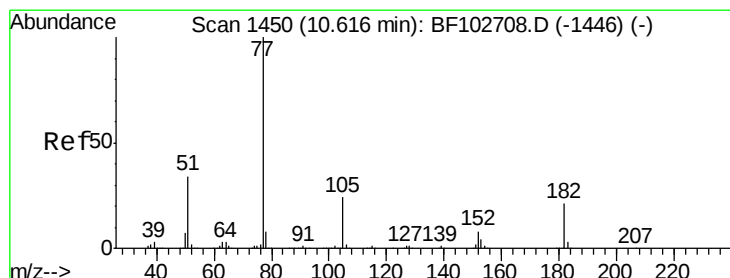
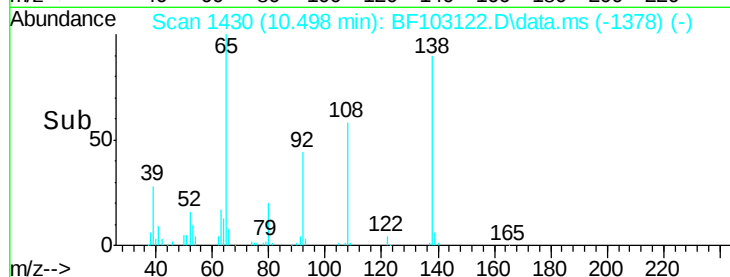
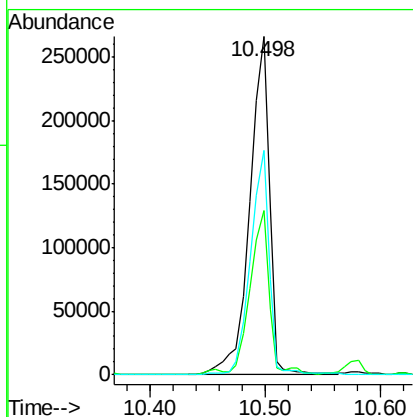
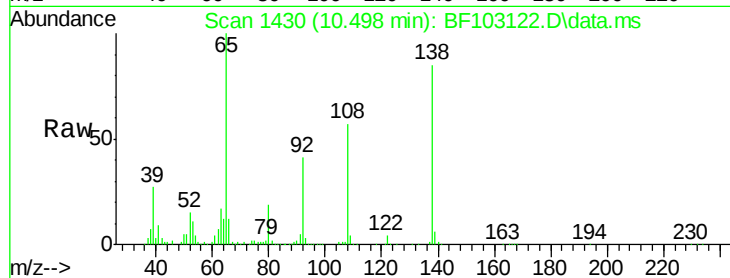




#61
4-Nitroaniline
Concen: 48.86 ng
RT: 10.498 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

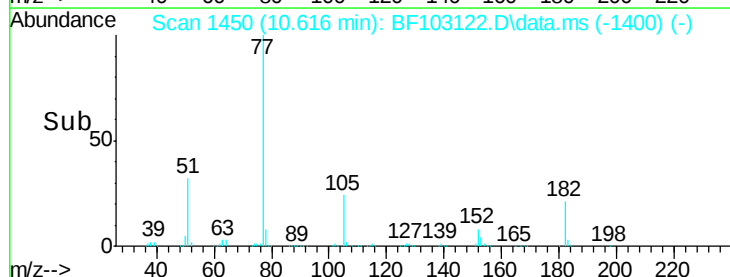
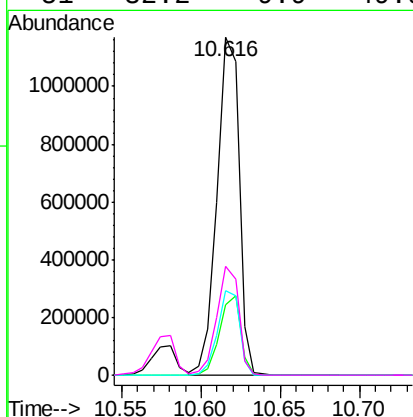
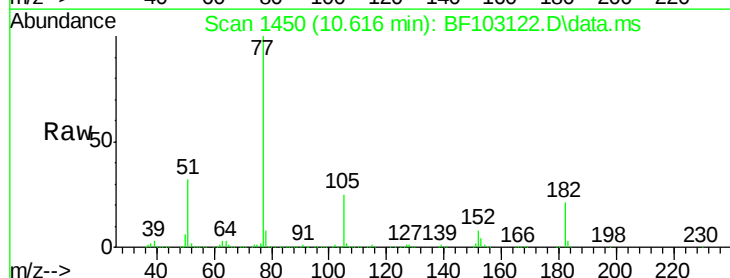
Instrument :
BNA_F
ClientSampleId :

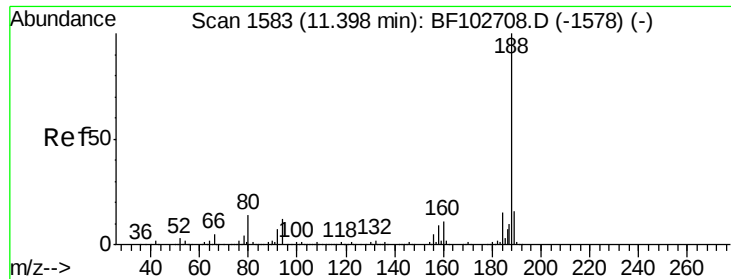
Tot Ion:138 Resp: 315839
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 66.5 52.5 92.5



#62
Azobenzene
Concen: 39.80 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion: 77 Resp: 1138797
Ion Ratio Lower Upper
77 100
182 20.7 1.7 41.7
105 24.9 3.0 43.0
51 32.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.404 min Scan# 15

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

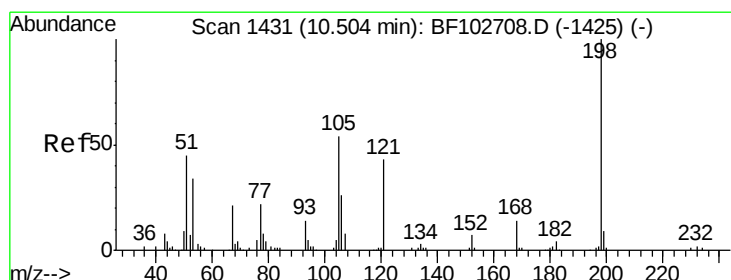
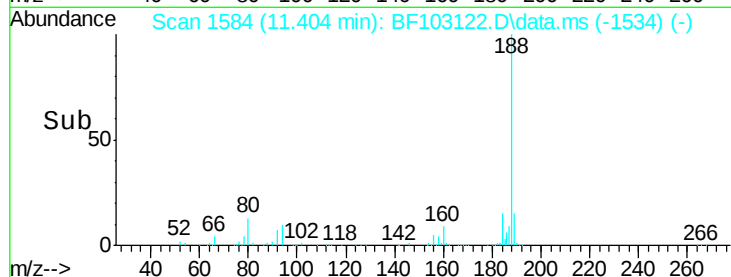
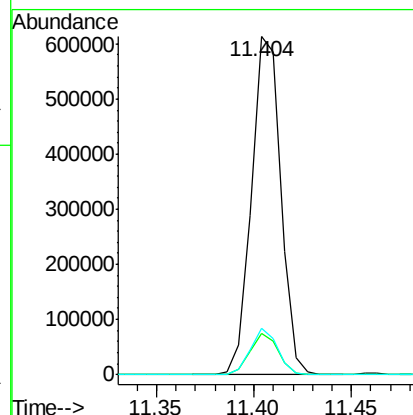
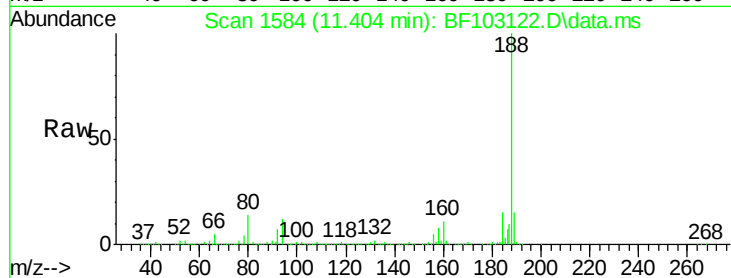
Tot Ion:188 Resp: 638747

Ion Ratio Lower Upper

188 100

94 12.3 8.5 12.7

80 13.6 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 54.68 ng

RT: 10.528 min Scan# 1435

Delta R.T. 0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

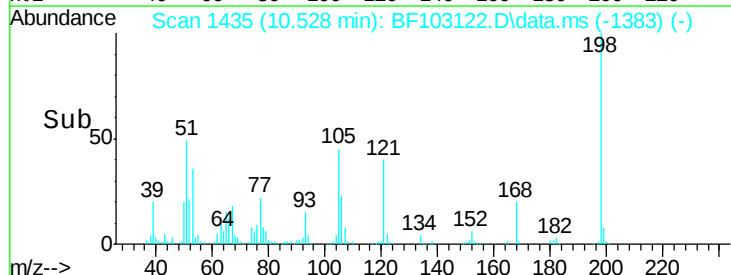
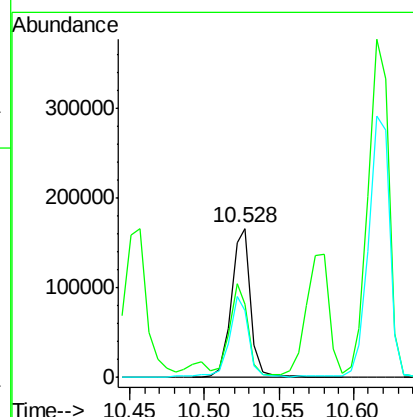
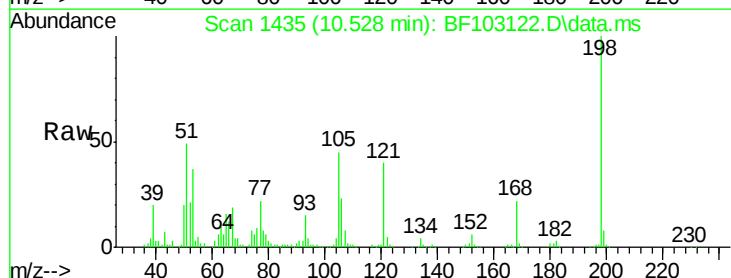
Tgt Ion:198 Resp: 152342

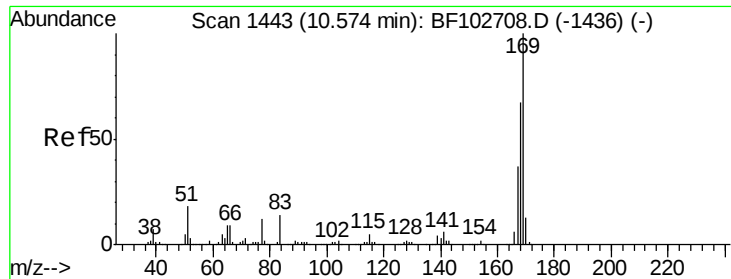
Ion Ratio Lower Upper

198 100

51 49.0 37.7 77.7

105 45.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.78 ng

RT: 10.580 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

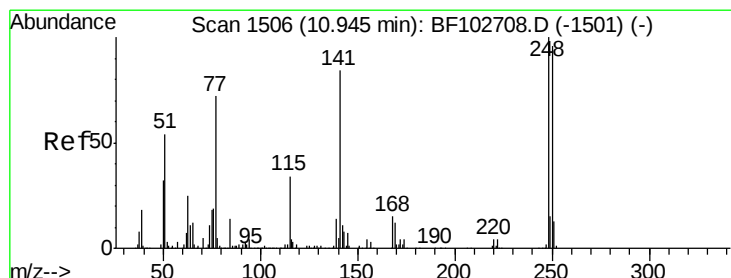
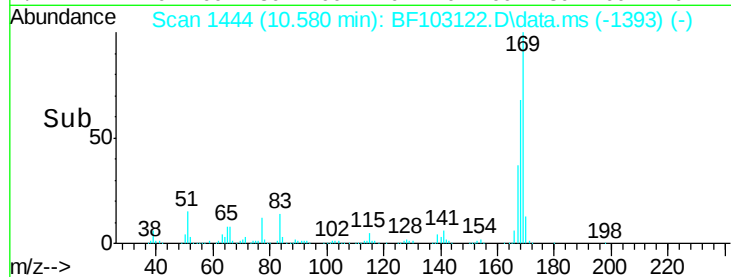
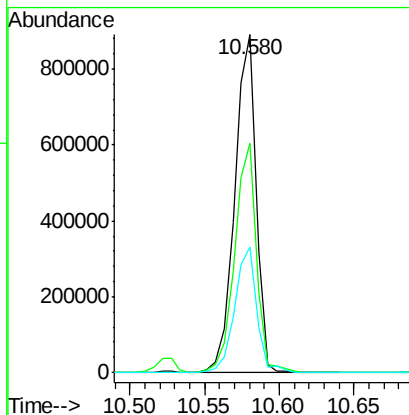
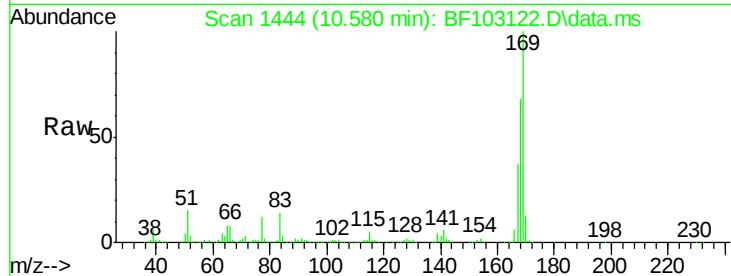
Tot Ion:169 Resp: 896316

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

167 37.1 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 40.38 ng

RT: 10.945 min Scan# 1506

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

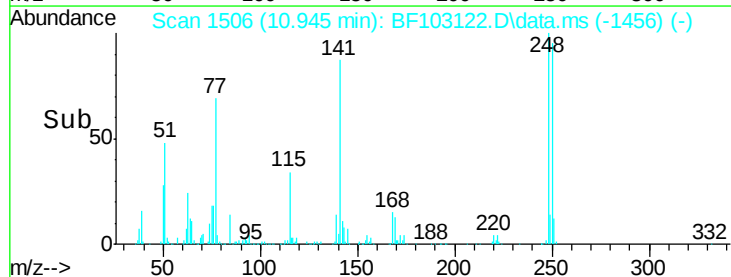
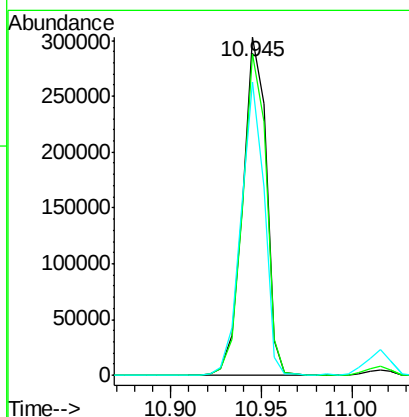
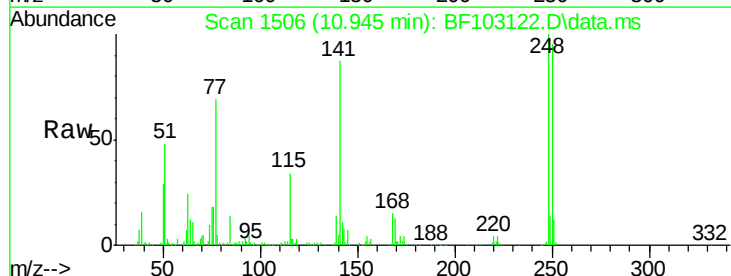
Tgt Ion:248 Resp: 272805

Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

141 86.7 74.4 111.6

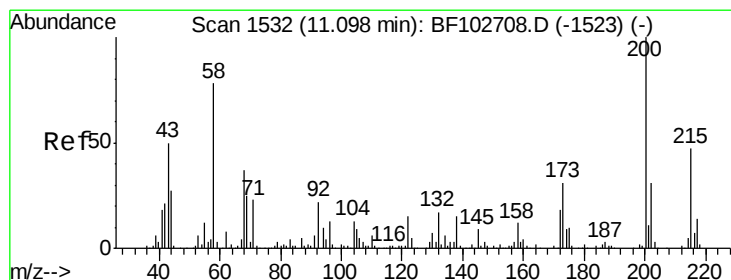
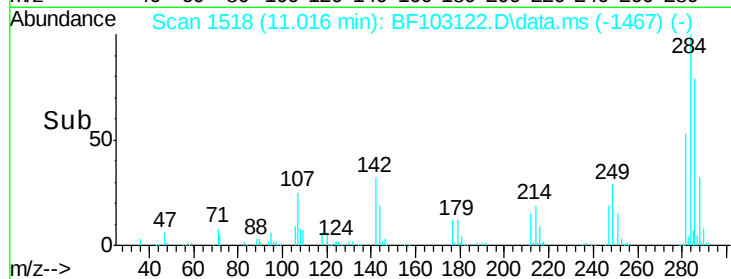
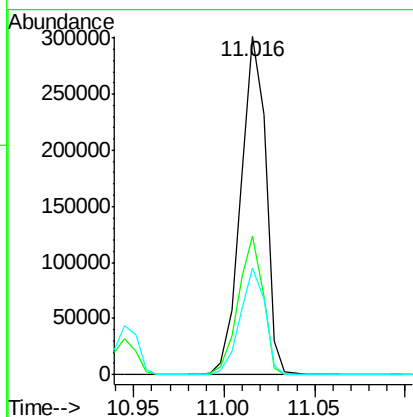
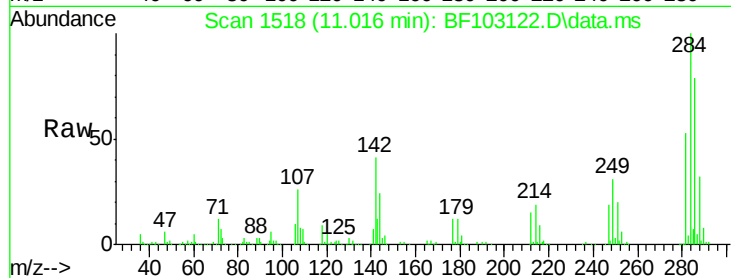




#67
Hexachlorobenzene
Concen: 38.65 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

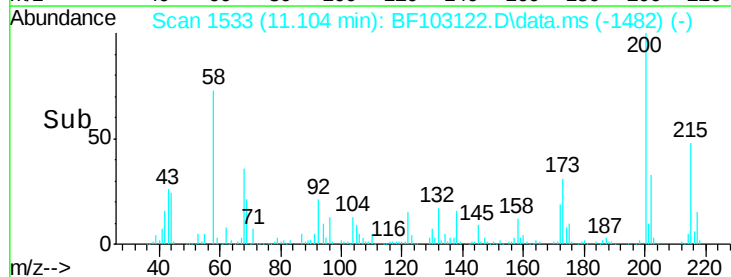
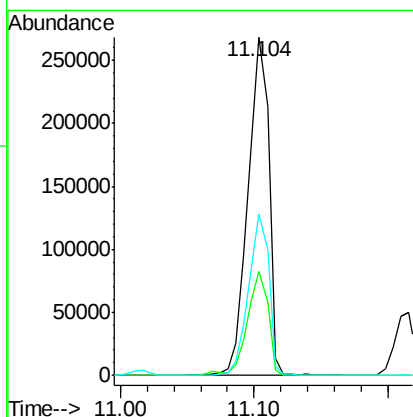
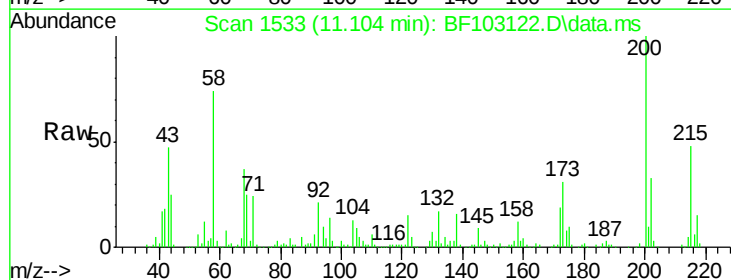
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.0	34.6	52.0
249	31.3	24.8	37.2



#68
Atrazine
Concen: 43.07 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.9	8.6	48.6
215	47.9	25.1	65.1

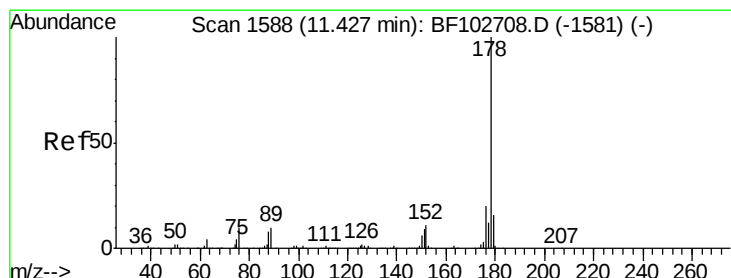
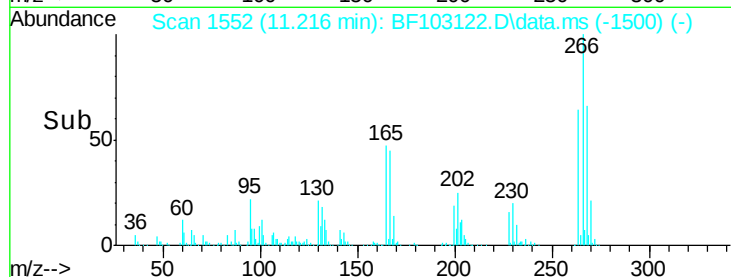
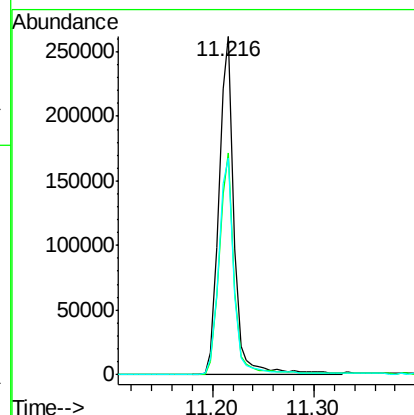
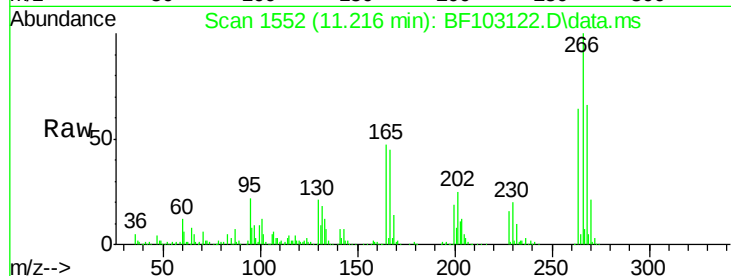




#69
 Pentachlorophenol
 Concen: 62.75 ng
 RT: 11.216 min Scan# 1549
 Delta R.T. 0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

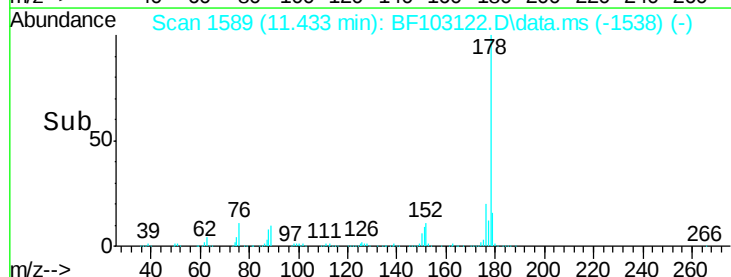
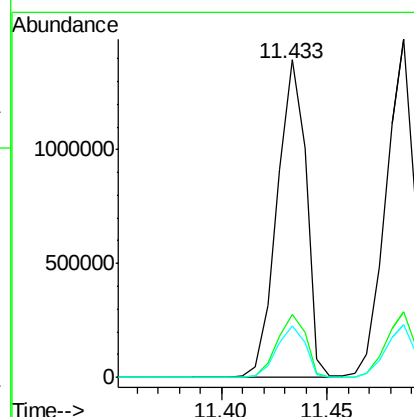
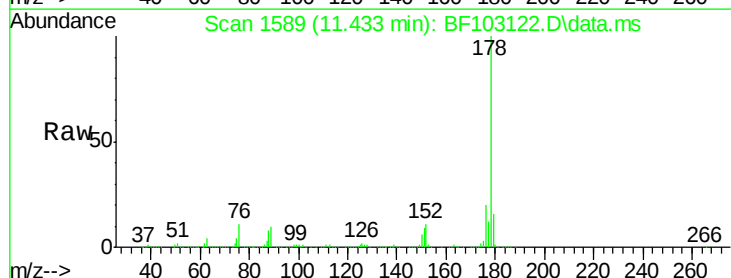
Instrument :
 BNA_F
 ClientSampleId :

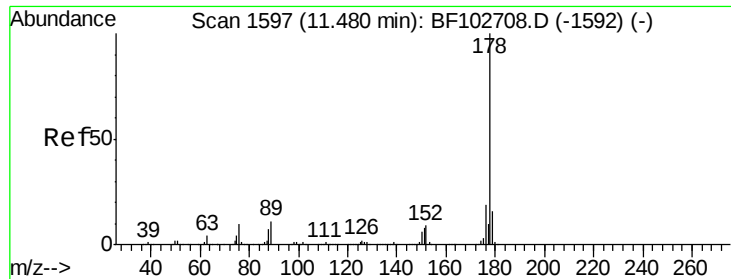
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	63.9	49.5	74.3



#70
 Phenanthrene
 Concen: 37.50 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.3	13.0	19.6

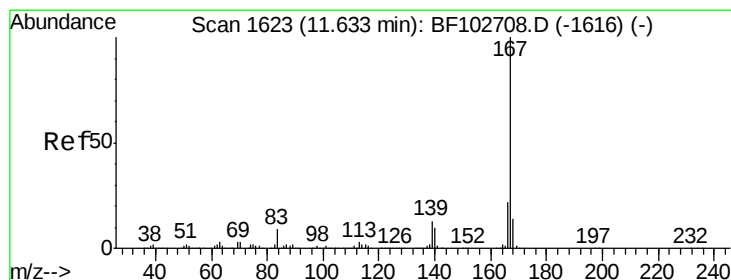
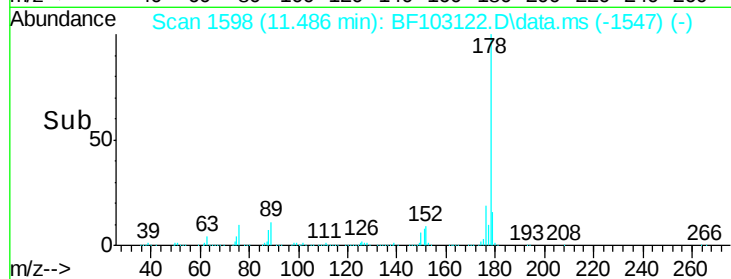
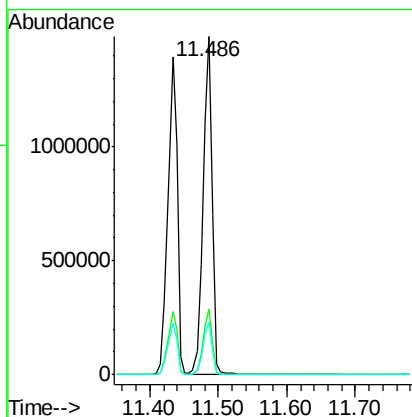
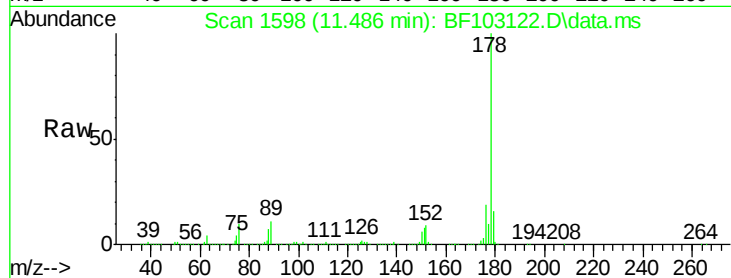




#71
 Anthracene
 Concen: 38.85 ng
 RT: 11.486 min Scan# 1597
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

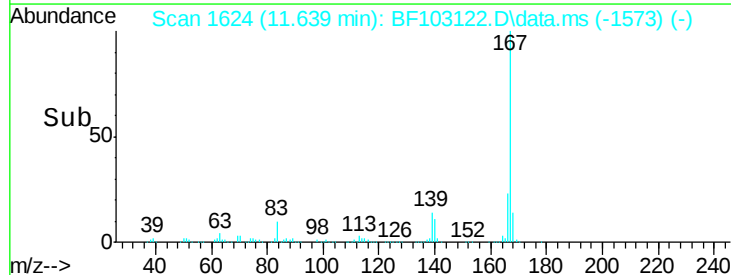
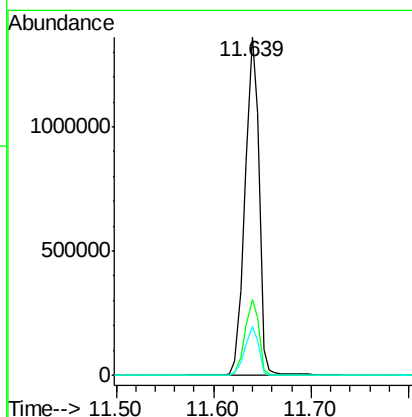
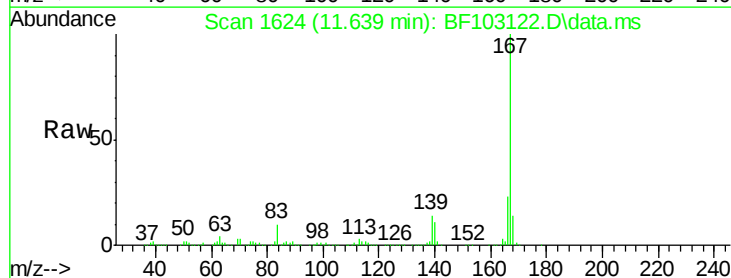
Instrument :
 BNA_F
 ClientSampleId :

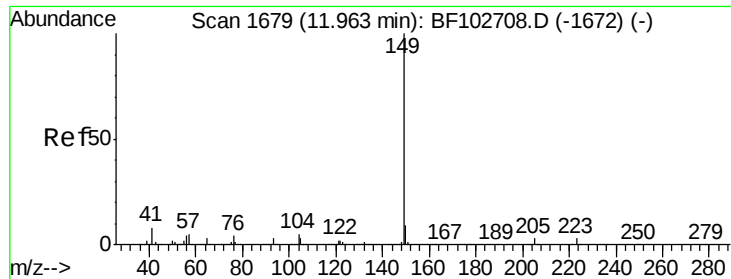
Tot Ion:178 Resp: 1405699
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.39 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion:167 Resp: 1360767
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.4 10.9 16.3

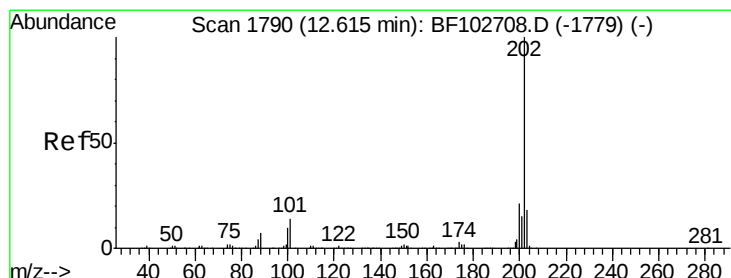
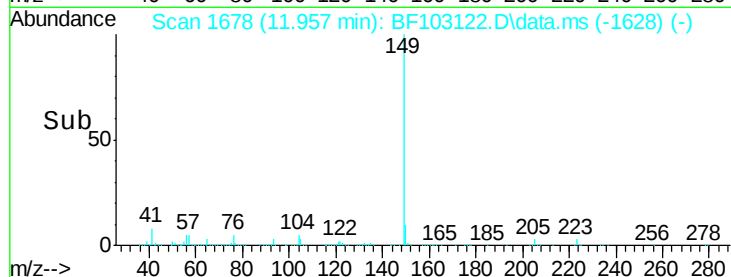
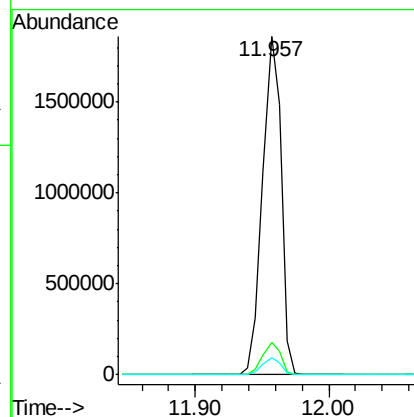
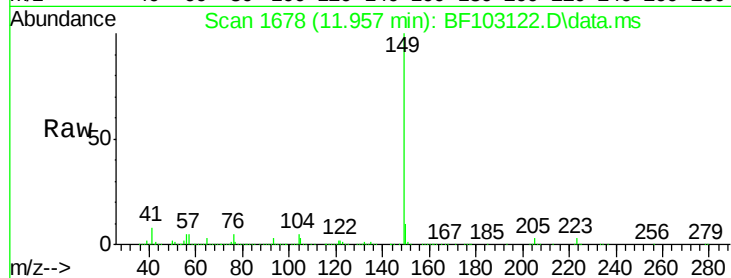




#73
Di-n-butylphthalate
Concen: 41.16 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

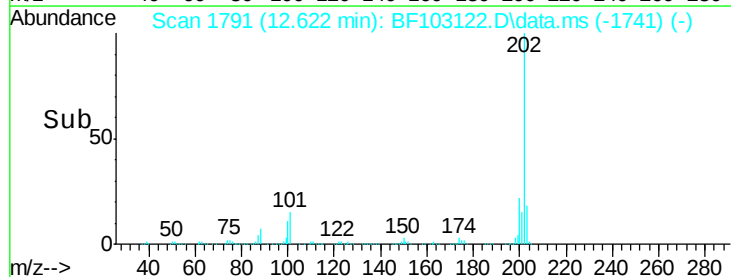
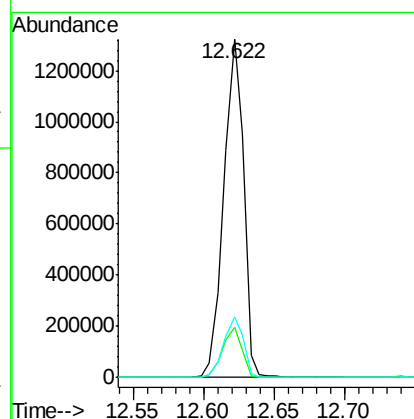
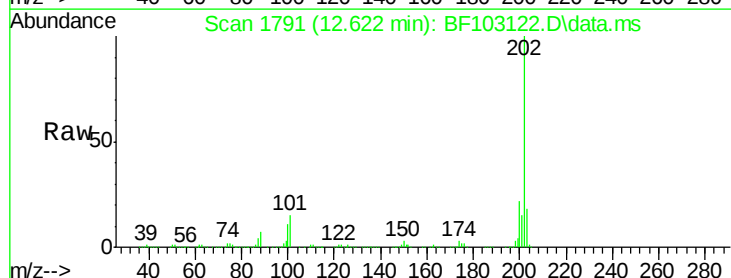
Instrument :
BNA_F
ClientSampleId :

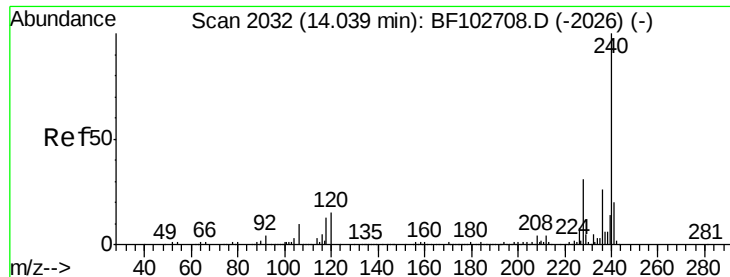
Tot Ion:149 Resp: 1772265
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 36.13 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:202 Resp: 1293074
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

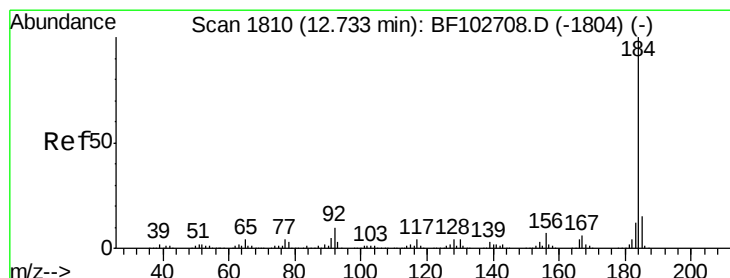
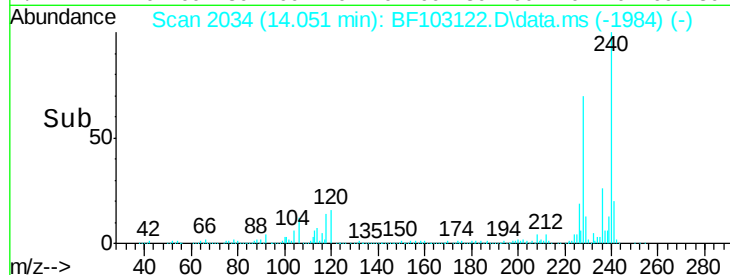
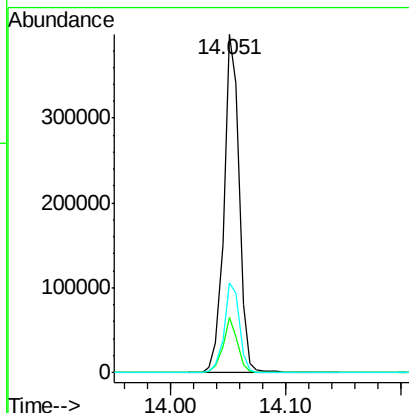
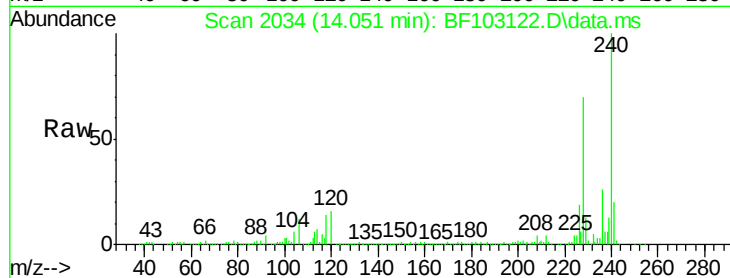
Tot Ion:240 Resp: 365001

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

236 26.5 20.7 31.1



#76

Benzidine

Concen: 26.97 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

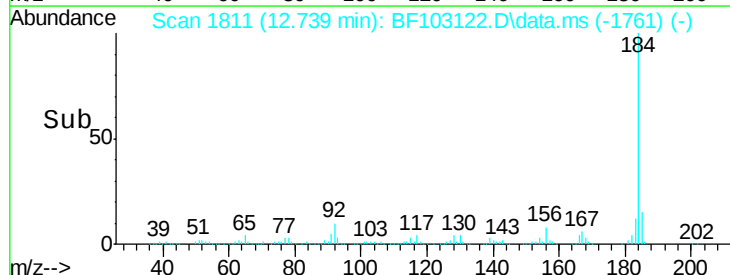
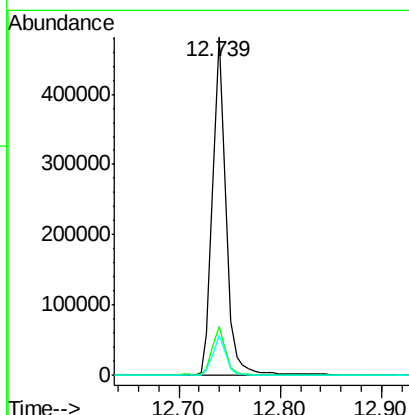
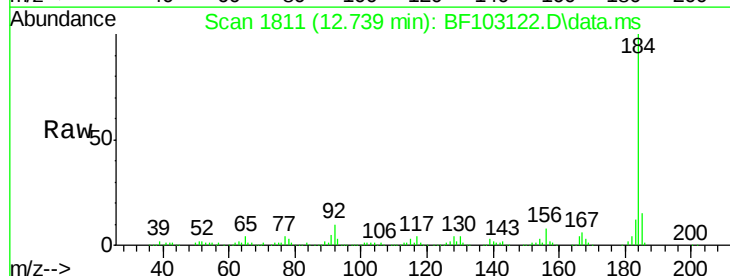
Tgt Ion:184 Resp: 452396

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 11.8 9.3 13.9

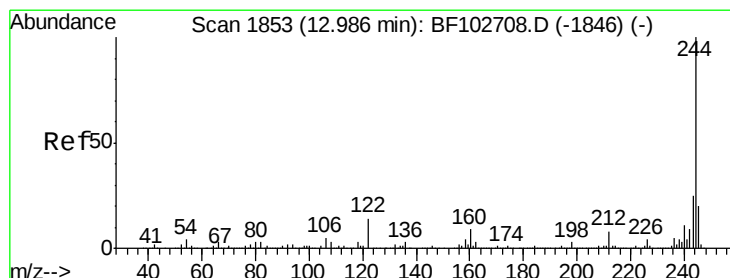
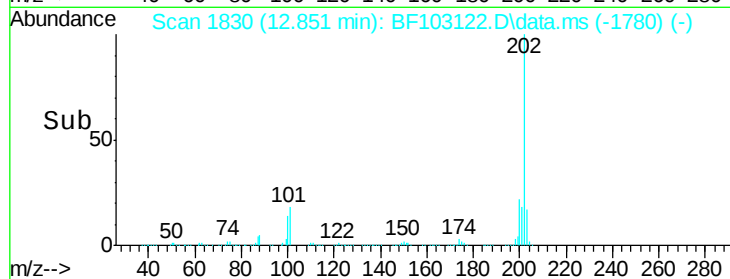
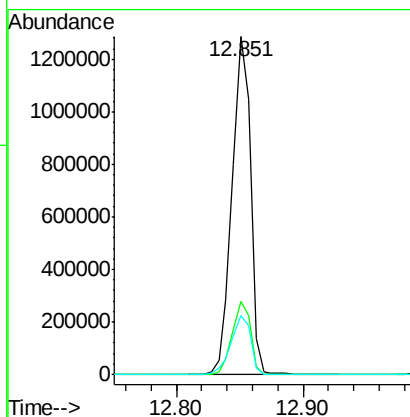
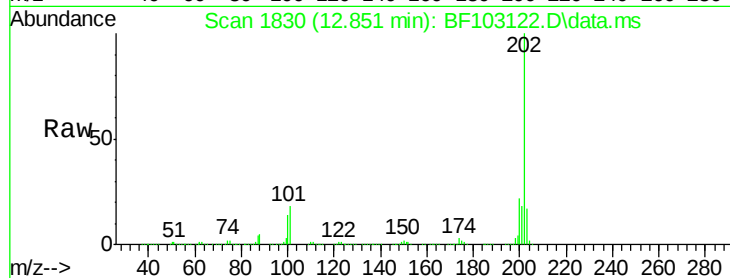




#77
Pvrene
Concen: 45.04 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

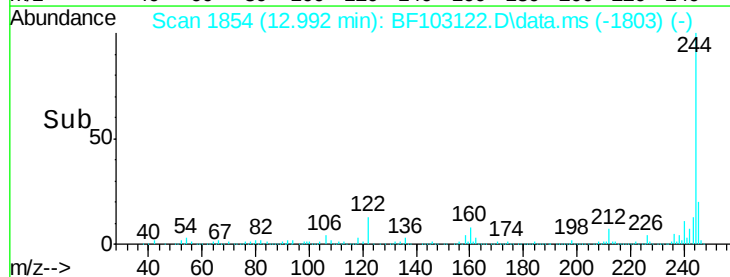
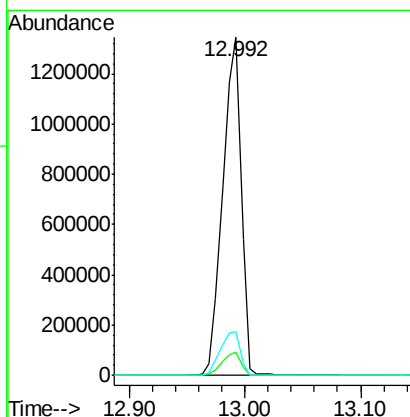
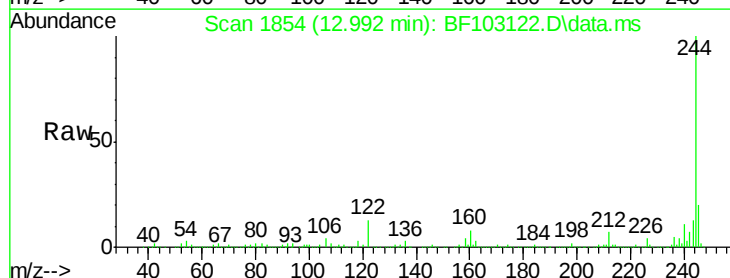
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1289033
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 96.60 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:244 Resp: 1489134
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.1 11.0 16.4

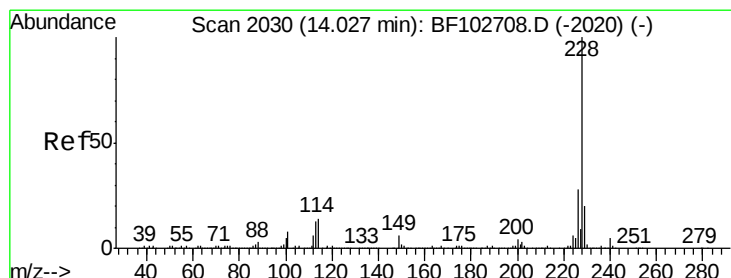
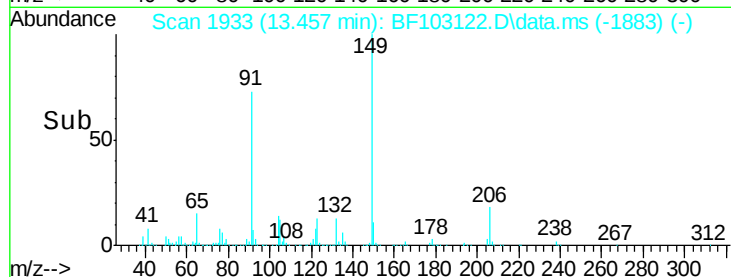
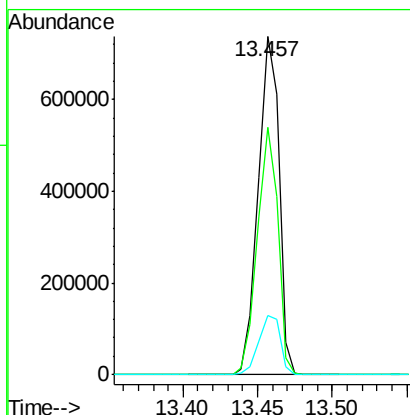
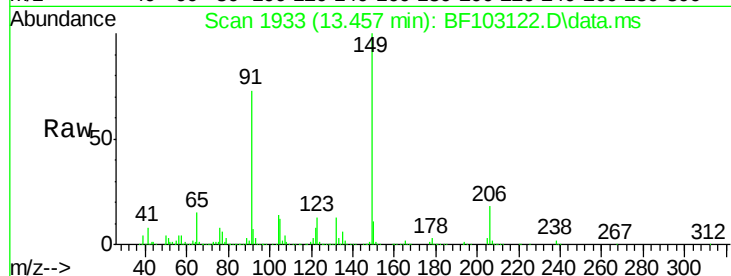




#79
Butylbenzylphthalate
Concen: 51.63 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

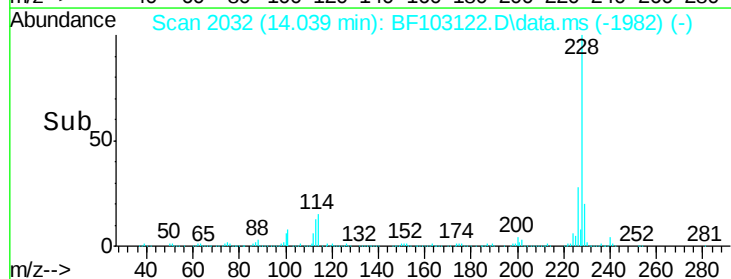
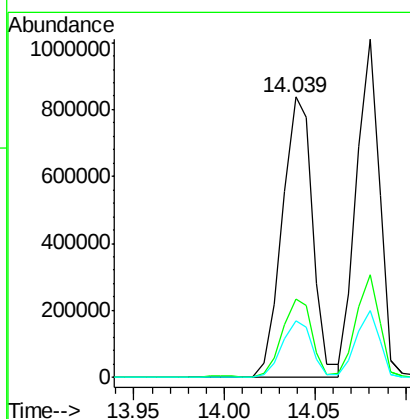
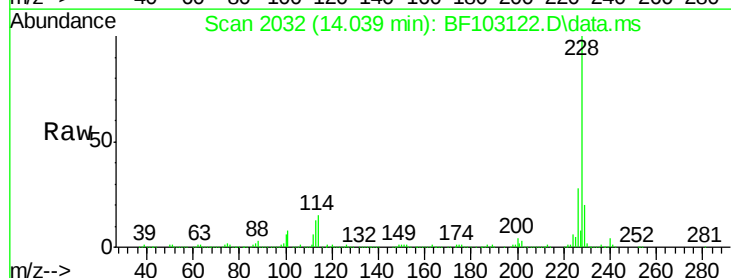
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.87 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6

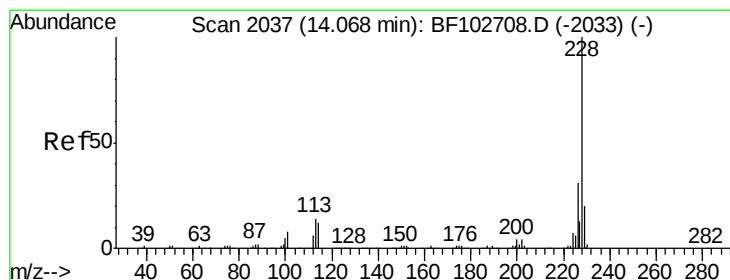
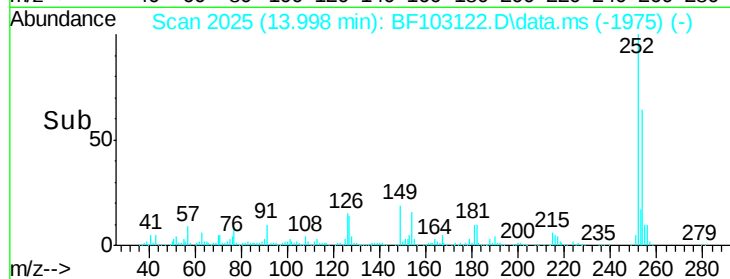
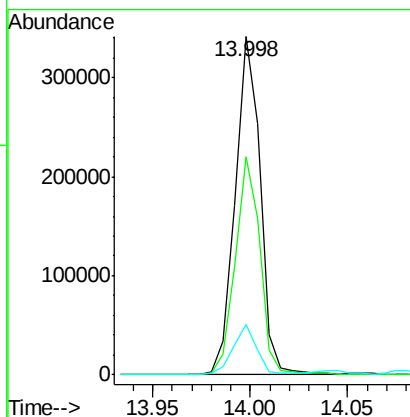
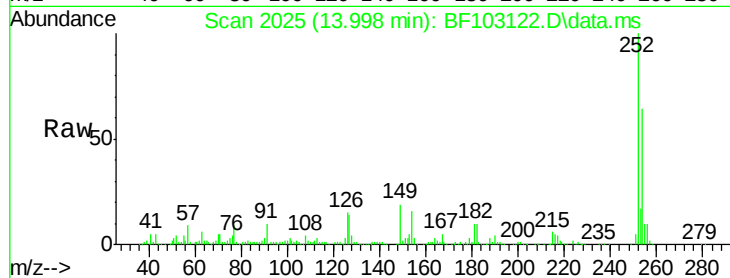




#81
 3,3'-Dichlorobenzidine
 Concen: 35.68 ng
 RT: 13.998 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

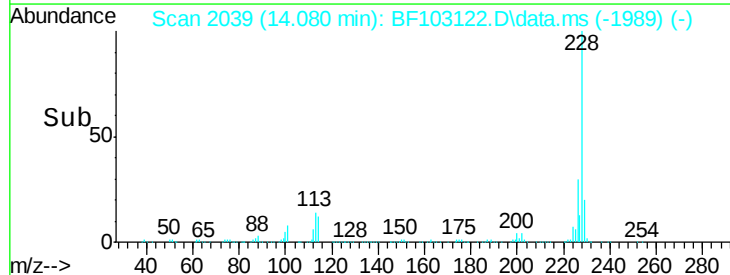
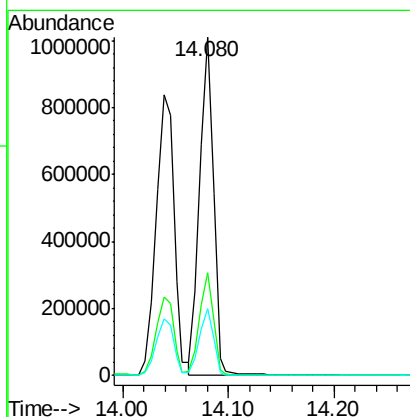
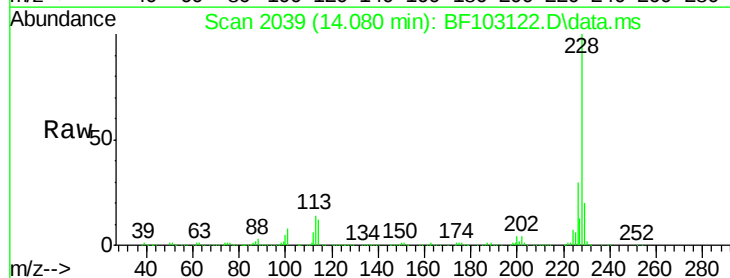
Instrument :
 BNA_F
 ClientSampleId :

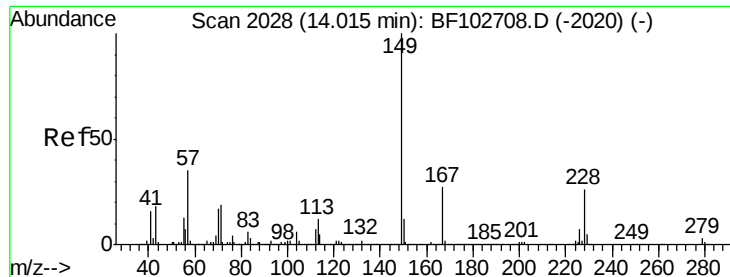
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	14.6	11.3	16.9



#82
 Chrysene
 Concen: 39.37 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.17 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

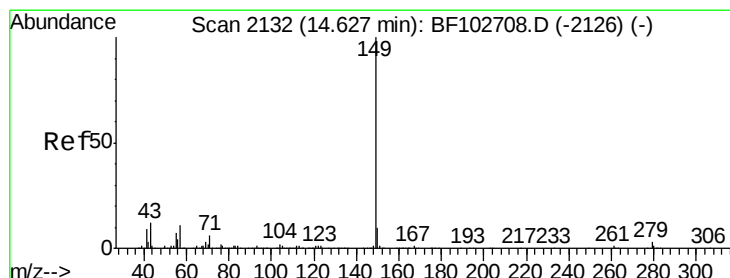
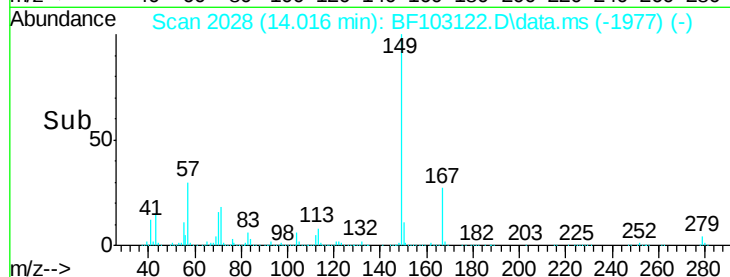
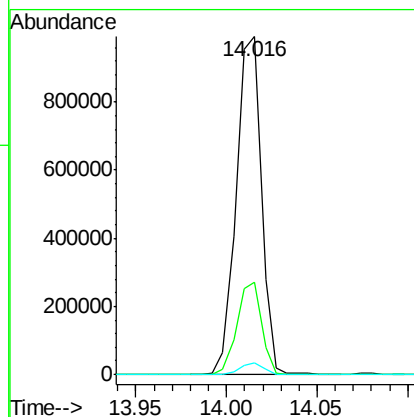
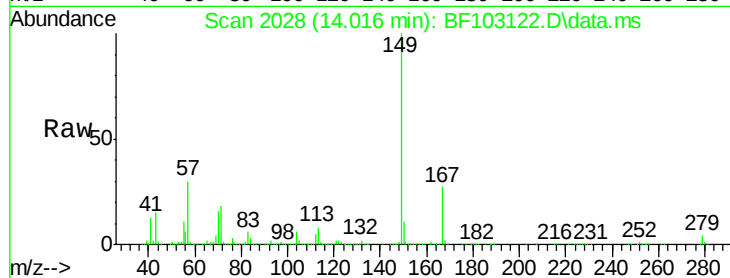
Tot Ion:149 Resp: 967281

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 3.6 3.0 4.4



#84

Di-n-octyl phthalate

Concen: 57.72 ng

RT: 14.633 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

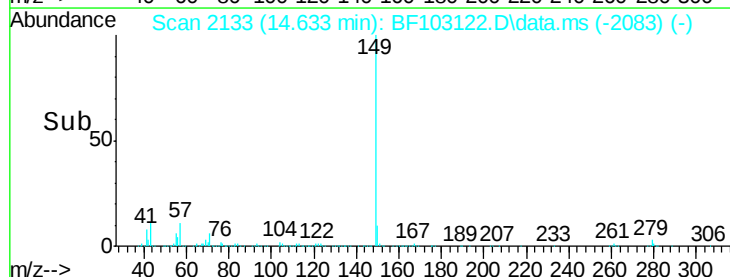
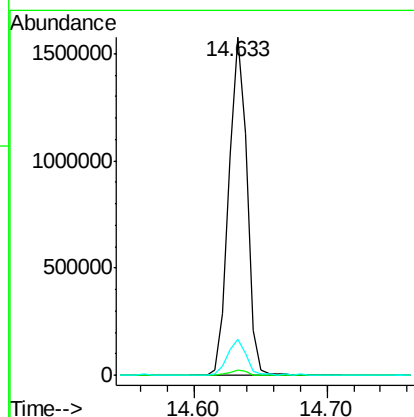
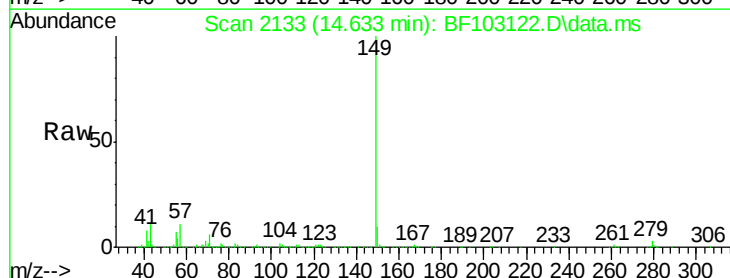
Tgt Ion:149 Resp: 1519709

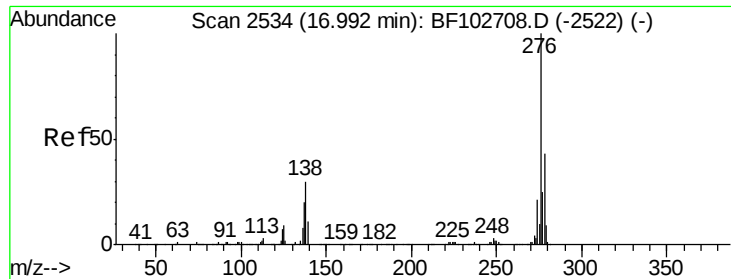
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 8.4 12.6

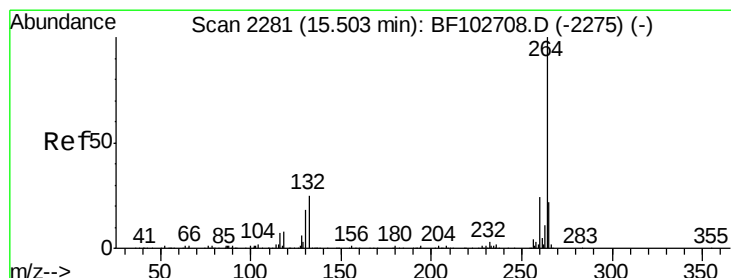
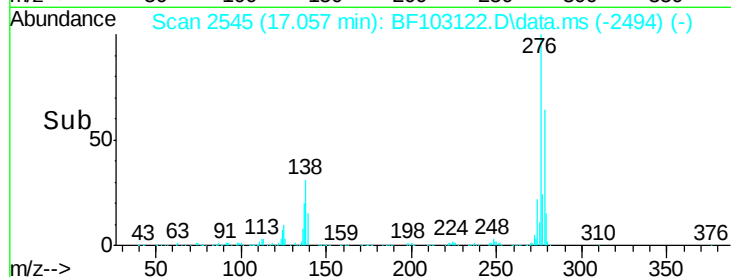
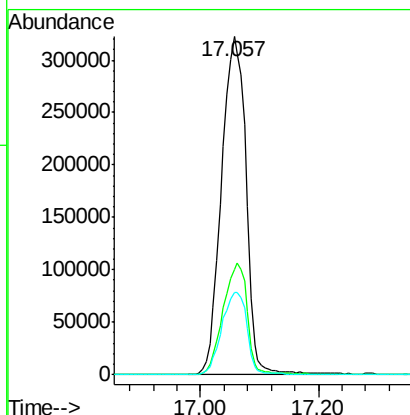
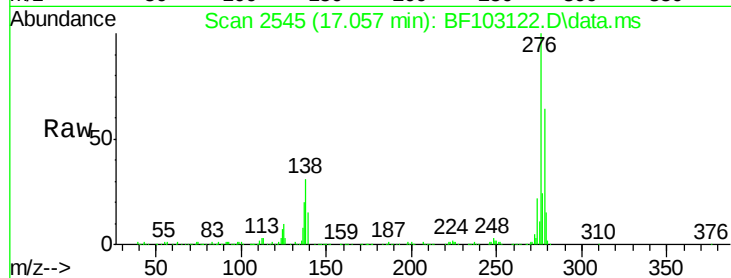




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.84 ng
 RT: 17.057 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

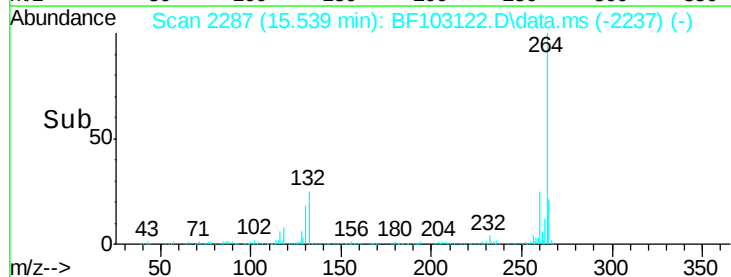
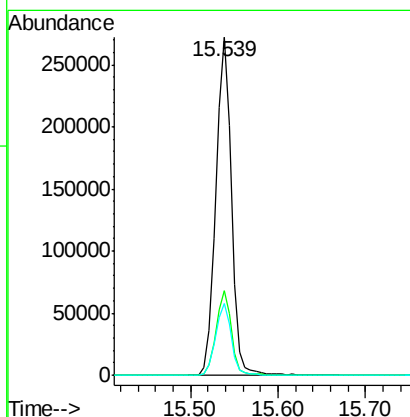
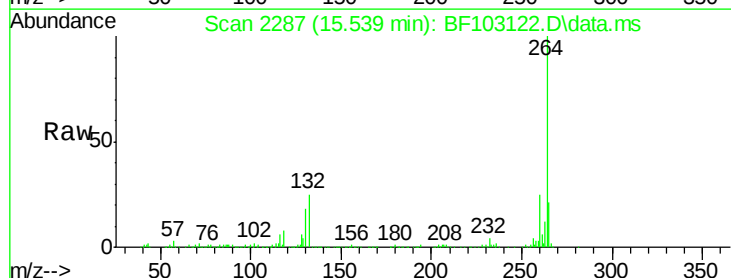
Instrument :
 BNA_F
 ClientSampleId :

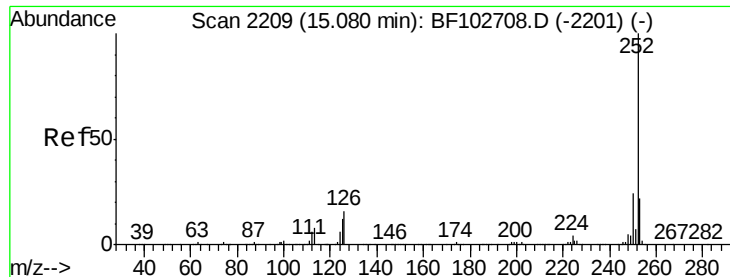
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.2	17.5	26.3

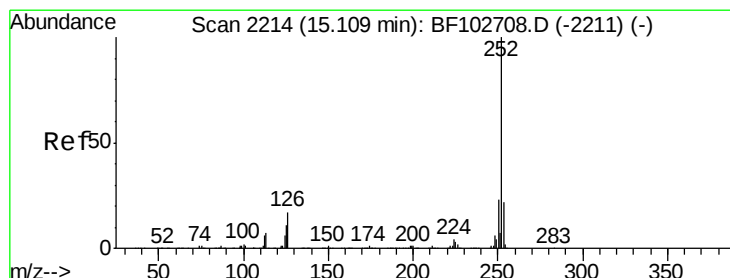
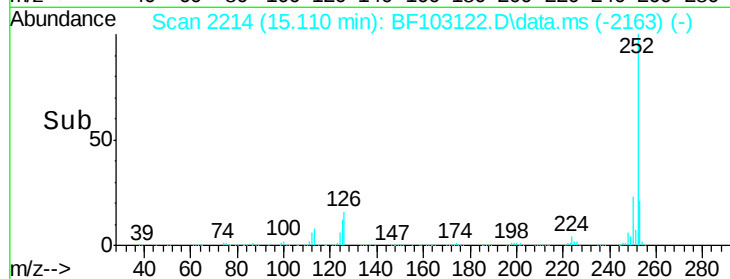
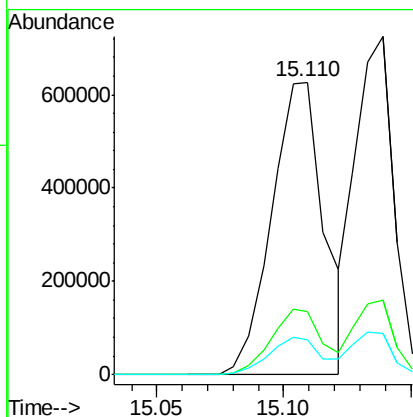
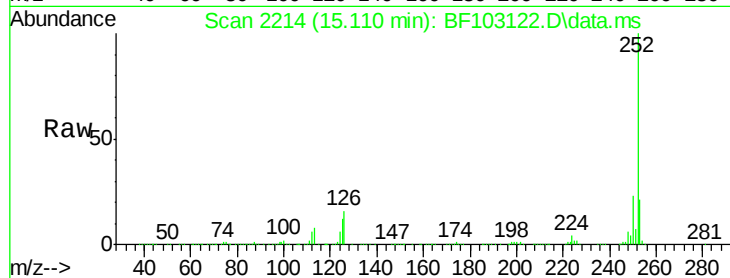




#87
Benzo(b)fluoranthene
Concen: 41.11 ng
RT: 15.110 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

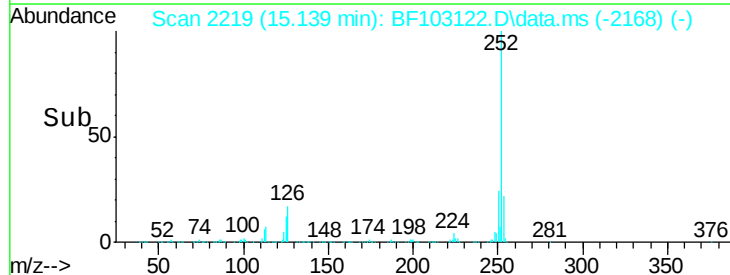
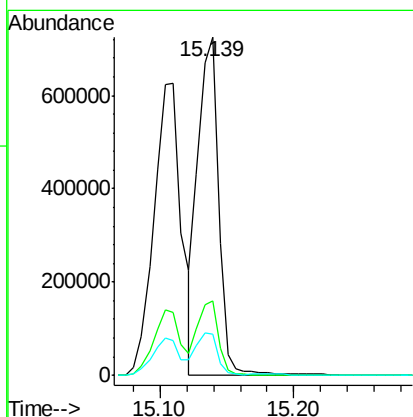
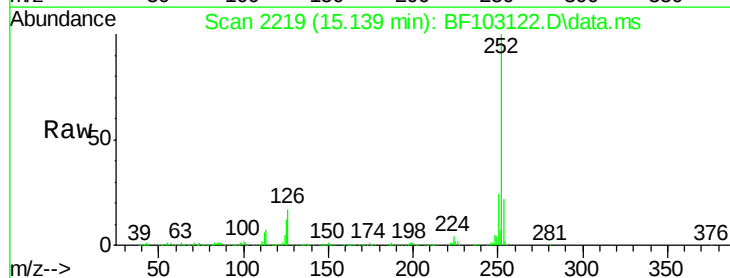
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 901114
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.08 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:252 Resp: 776568
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.41 ng

RT: 15.480 min Scan# 22

Delta R.T. -0.006 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

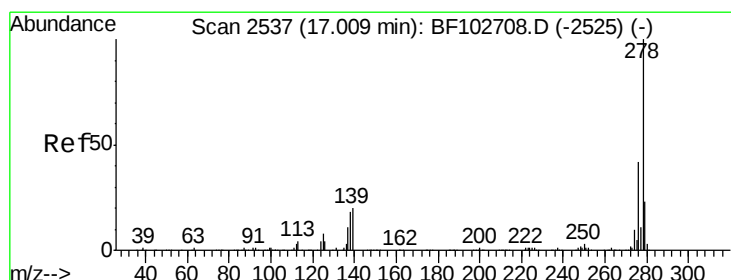
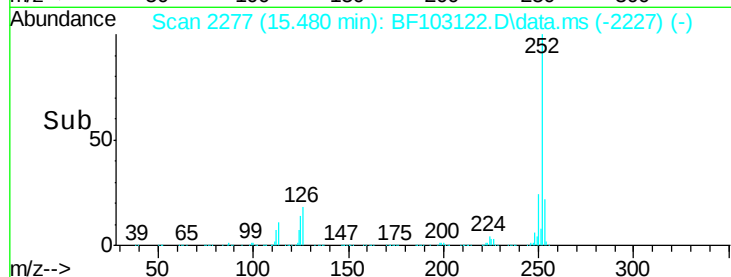
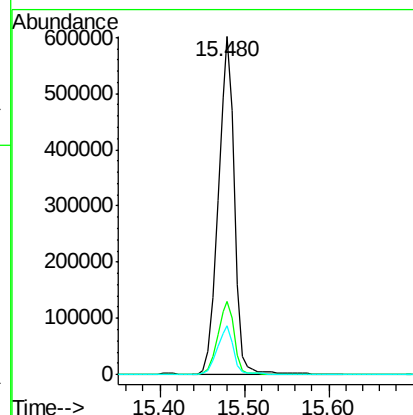
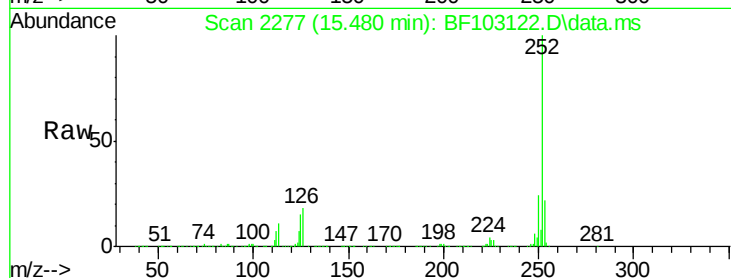
Tot Ion:252 Resp: 817138

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 14.6 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 47.77 ng

RT: 17.074 min Scan# 2548

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

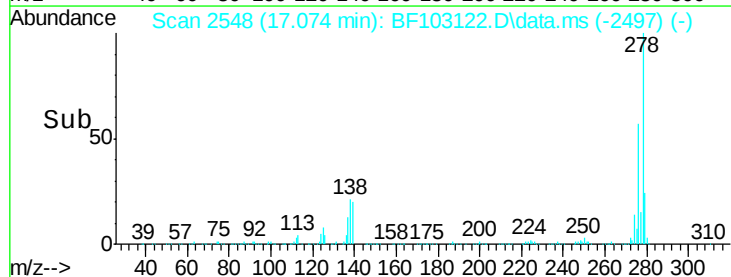
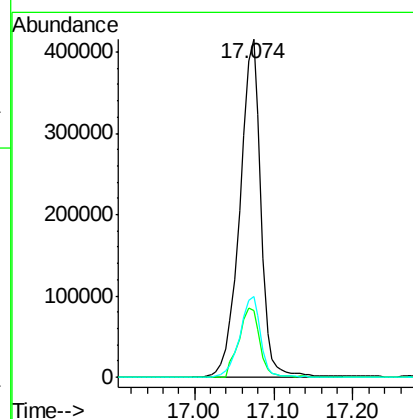
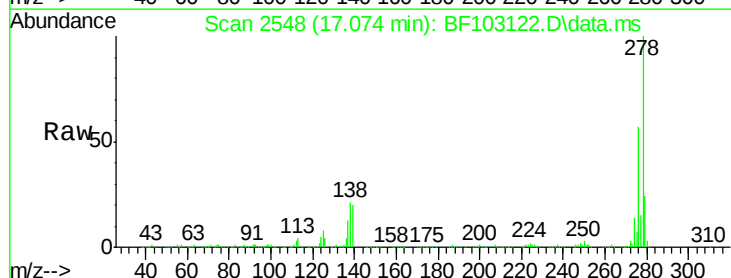
Tgt Ion:278 Resp: 764990

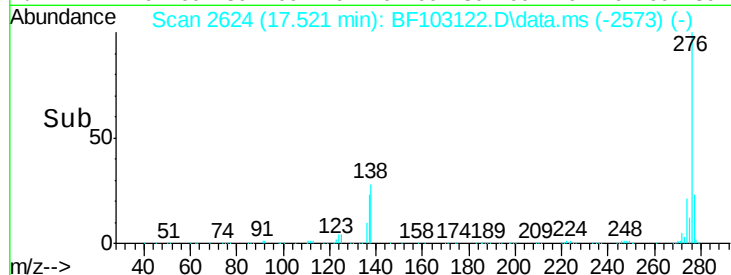
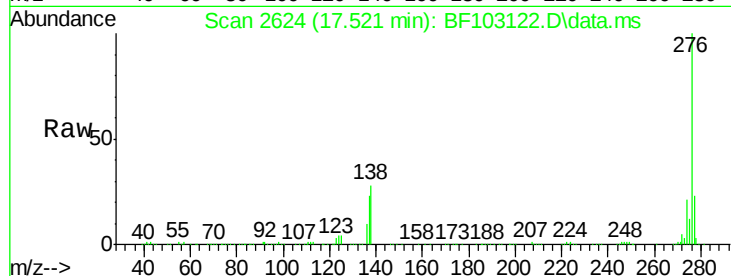
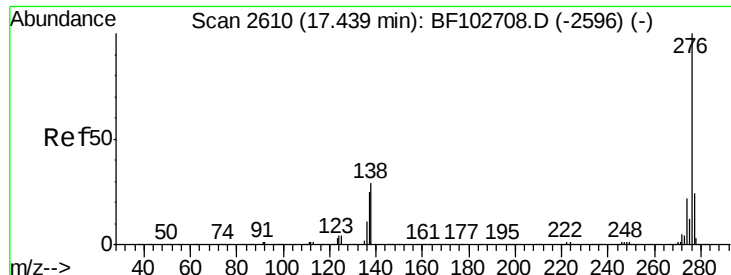
Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 50.49 ng

RT: 17.521 min Scan# 26

Delta R.T. 0.000 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 791355

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 28.2 21.8 32.8

