

Data Path : Z:\HPCHEM1\BNA F\Data\BF022018\
 Data File : BF103123.D
 Acq On : 20 Feb 2018 18:58
 Operator : SJ/JU
 Sample : J1624-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 08:47:22 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	182108	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	778136	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	351768	20.00	ng	0.00
63) Phenanthrene-d10	11.404	188	586808	20.00	ng	0.00
75) Chrysene-d12	14.051	240	327986	20.00	ng	0.00
86) Perylene-d12	15.539	264	322518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.510	112	1323361	110.36	ng	0.02
7) Phenol-d6	6.516	99	1637909	113.44	ng	0.00
23) Nitrobenzene-d5	7.445	82	1087106	96.92	ng	0.00
41) 2,4,6-Tribromophenol	10.716	330	330717	116.81	ng	0.00
44) 2-Fluorobiphenyl	9.234	172	1509735	71.22	ng	0.00
78) Terphenyl-d14	12.986	244	1277337	92.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.722	88	226570	38.25	ng	89
3) Pyridine	3.499	79	600874	36.72	ng	92
4) n-Nitrosodimethylamine	3.452	42	310568	44.36	ng	99
6) Aniline	6.545	93	614819	28.83	ng	97
8) 2-Chlorophenol	6.669	128	523733	42.42	ng	97
9) Benzaldehyde	6.428	77	341509	31.85	ng	100
10) Phenol	6.534	94	661467	42.75	ng	87
11) bis(2-Chloroethyl)ether	6.616	93	530618	41.21	ng	92
12) 1,3-Dichlorobenzene	6.816	146	542477	37.95	ng	98
13) 1,4-Dichlorobenzene	6.893	146	547481	38.44	ng	99
14) 1,2-Dichlorobenzene	7.051	146	504310	38.02	ng	98
15) Benzyl Alcohol	7.022	79	457632	41.23	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	906114	37.05	ng	99
17) 2-Methylphenol	7.134	107	464167	40.76	ng	97
18) Hexachloroethane	7.387	117	203114	41.59	ng	95
19) n-Nitroso-di-n-propyla...	7.293	70	355727	37.37	ng	97
20) 3+4-Methylphenols	7.287	107	501969	35.75	ng	# 70
22) Acetophenone	7.287	105	682882	35.86	ng	# 86
24) Nitrobenzene	7.463	77	580429	43.99	ng	98
25) Isophorone	7.698	82	1101334	42.64	ng	99
26) 2-Nitrophenol	7.775	139	316084	56.45	ng	95
27) 2,4-Dimethylphenol	7.810	122	473576	43.40	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	675583	44.15	ng	99
29) 2,4-Dichlorophenol	8.022	162	439136	44.27	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	430111	38.33	ng	97
31) Naphthalene	8.181	128	1470703	38.68	ng	99
32) Benzoic acid	7.916	122	114415	22.10	ng	99
33) 4-Chloroaniline	8.228	127	343605	20.98	ng	97
34) Hexachlorobutadiene	8.292	225	214778	37.35	ng	100
35) Caprolactam	8.610	113	105482	30.62	ng	# 80
36) 4-Chloro-3-methylphenol	8.722	107	498515	44.73	ng	96
37) 2-Methylnaphthalene	8.875	142	976219	39.22	ng	99
39) 1,2,4,5-Tetrachloroben...	9.039	216	373129	38.96	ng	99
40) Hexachlorocyclopentadiene	9.022	237	229100	50.32	ng	95

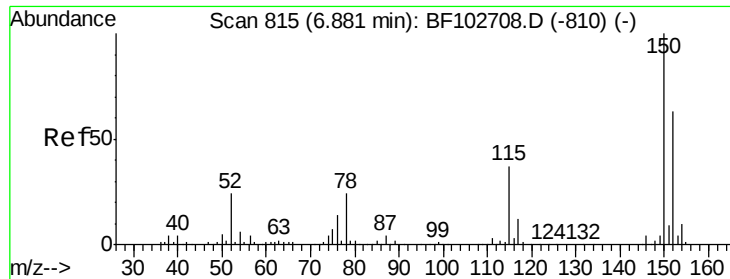
Data Path : Z:\HPCHEM1\BNA F\Data\BF022018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.151	196	278357	44.25	nq	99
43) 2,4,5-Trichlorophenol	9.198	196	295335	41.65	nq	97
45) 1,1'-Biphenyl	9.339	154	1106695	37.35	nq	99
46) 2-Chloronaphthalene	9.363	162	899475	38.56	nq	99
47) 2-Nitroaniline	9.463	65	342401	47.60	nq	93
48) Acenaphthylene	9.781	152	1345871	37.15	nq	99
49) Dimethylphthalate	9.639	163	1228908	44.80	nq	100
50) 2,6-Dinitrotoluene	9.704	165	244269	46.81	nq	95
51) Acenaphthene	9.951	154	772248	35.64	nq	99
52) 3-Nitroaniline	9.875	138	216133	33.66	nq	97
53) 2,4-Dinitrophenol	9.986	184	149226	82.89	nq	# 20
54) Dibenzofuran	10.122	168	1144782	37.49	nq	96
55) 4-Nitrophenol	10.045	139	379046	72.25	nq	93
56) 2,4-Dinitrotoluene	10.110	165	314812	45.18	nq	95
57) Fluorene	10.469	166	880849	39.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.245	232	219791	44.72	nq	99
59) Diethylphthalate	10.333	149	1026454	37.90	nq	99
60) 4-Chlorophenyl-phenyle...	10.457	204	393939	40.09	nq	97
61) 4-Nitroaniline	10.492	138	276334	45.21	nq	96
62) Azobenzene	10.616	77	1026621	37.94	nq	97
64) 4,6-Dinitro-2-methylph...	10.522	198	133474	52.80	nq	96
65) n-Nitrosodiphenylamine	10.581	169	816457	39.45	nq	100
66) 4-Bromophenyl-phenylether	10.945	248	249155	40.14	nq	96
67) Hexachlorobenzene	11.016	284	262503	38.33	nq	95
68) Atrazine	11.104	200	251644	41.21	nq	98
69) Pentachlorophenol	11.216	266	250160	62.23	nq	99
70) Phenanthrene	11.433	178	1229531	37.62	nq	99
71) Anthracene	11.486	178	1265864	38.08	nq	100
72) Carbazole	11.639	167	1224654	37.61	nq	99
73) Di-n-butylphthalate	11.957	149	1579658	39.93	nq	100
74) Fluoranthene	12.622	202	1165423	35.44	nq	99
76) Benzidine	12.739	184	369130	24.49	nq	99
77) Pyrene	12.851	202	1162014	45.18	nq	99
79) Butylbenzylphthalate	13.457	149	619566	50.31	nq	100
80) Benzo(a)anthracene	14.039	228	860170	41.70	nq	99
81) 3,3'-Dichlorobenzidine	13.998	252	270471	35.36	nq	98
82) Chrysene	14.080	228	803760	38.65	nq	99
83) Bis(2-ethylhexyl)phtha...	14.010	149	861206	54.66	nq	# 99
84) Di-n-octyl phthalate	14.633	149	1321896	55.88	nq	99
85) Indeno(1,2,3-cd)pyrene	17.057	276	879211	50.98	nq	99
87) Benzo(b)fluoranthene	15.104	252	771198	36.88	nq	98
88) Benzo(k)fluoranthene	15.133	252	764365	38.26	nq	99
89) Benzo(a)pyrene	15.480	252	765315	40.66	nq	99
90) Dibenzo(a,h)anthracene	17.068	278	728117	47.66	nq	99
91) Benzo(g,h,i)perylene	17.515	276	735863	49.21	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: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

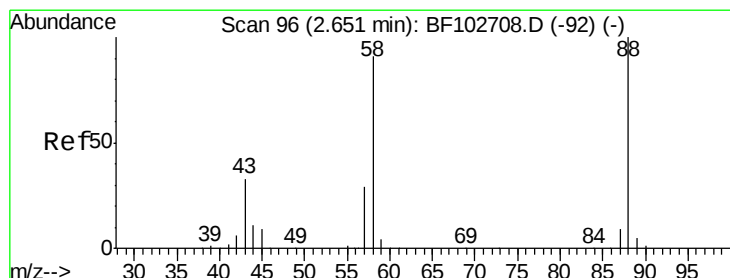
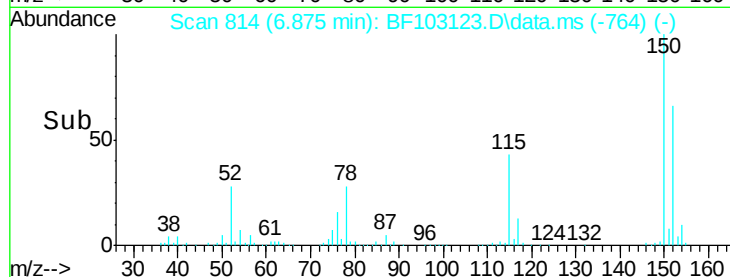
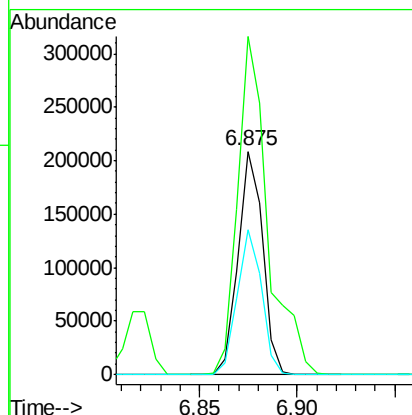
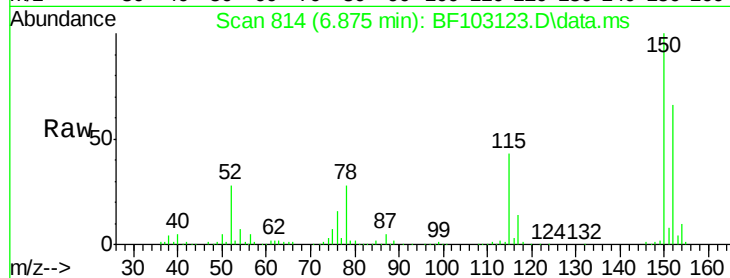
Tot Ion:152 Resp: 182108

Ion Ratio Lower Upper

152 100

150 151.7 124.6 186.8

115 64.8 50.1 75.1



#2

1,4-Dioxane

Concen: 38.25 ng

RT: 2.722 min Scan# 108

Delta R.T. 0.071 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

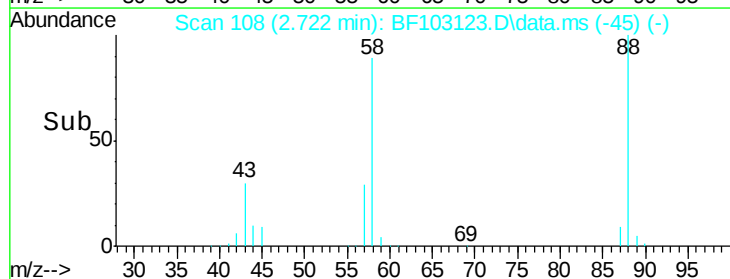
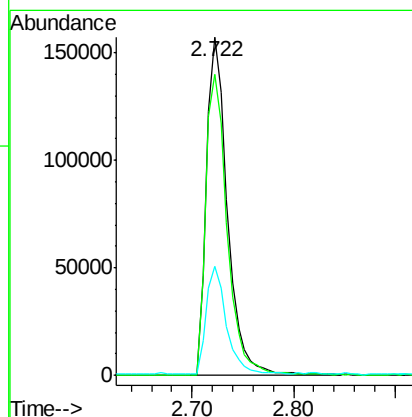
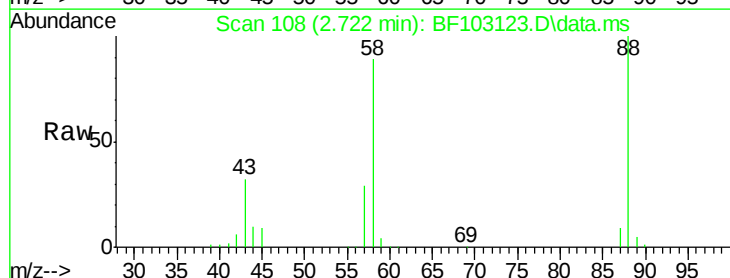
Tgt Ion: 88 Resp: 226570

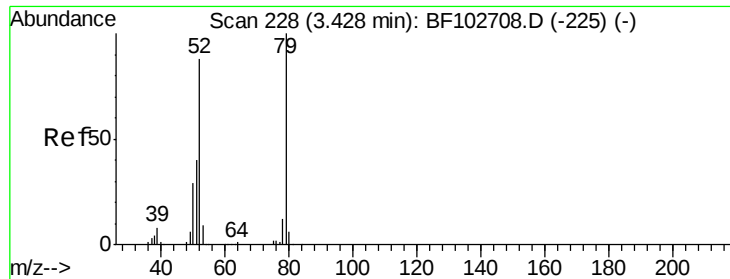
Ion Ratio Lower Upper

88 100

58 91.2 62.6 93.8

43 30.4 24.6 37.0





#3

Pvridine

Concen: 36.72 ng

RT: 3.499 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

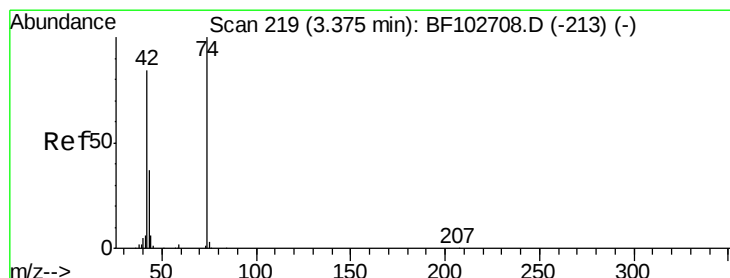
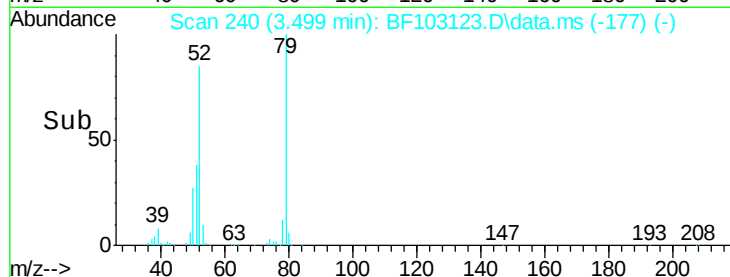
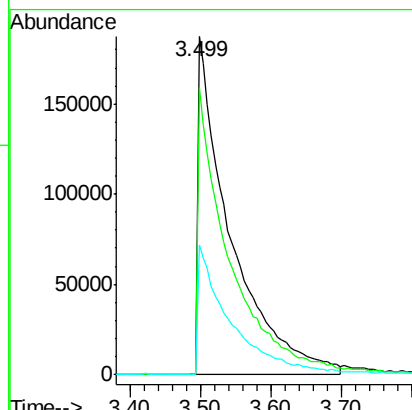
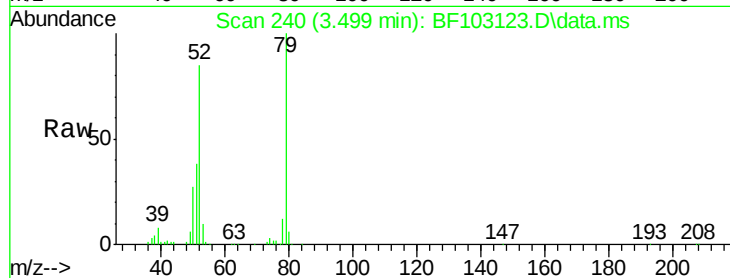
Tot Ion: 79 Resp: 600874

Ion Ratio Lower Upper

79 100

52 84.9 59.8 89.6

51 38.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 44.36 ng

RT: 3.452 min Scan# 232

Delta R.T. 0.065 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

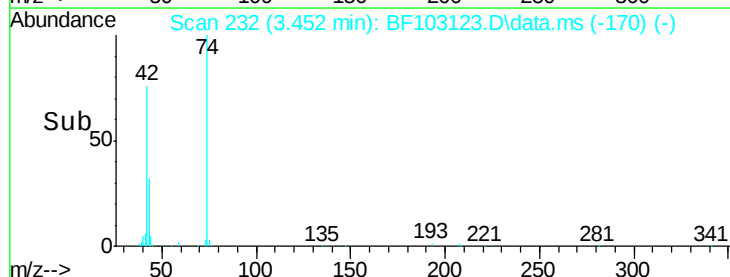
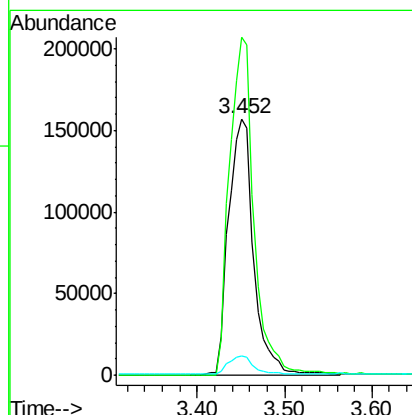
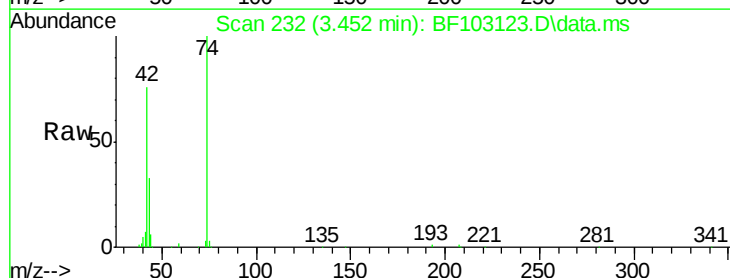
Tgt Ion: 42 Resp: 310568

Ion Ratio Lower Upper

42 100

74 131.7 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 110.36 ng

RT: 5.510 min Scan# 58

Delta R.T. 0.018 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

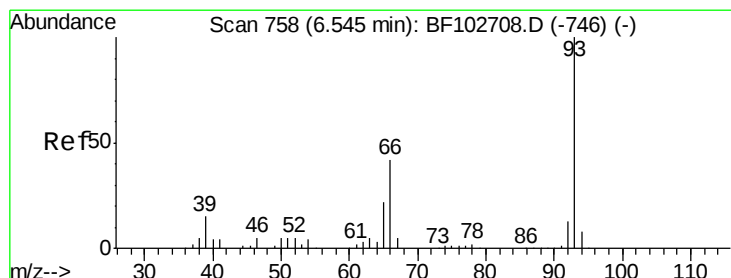
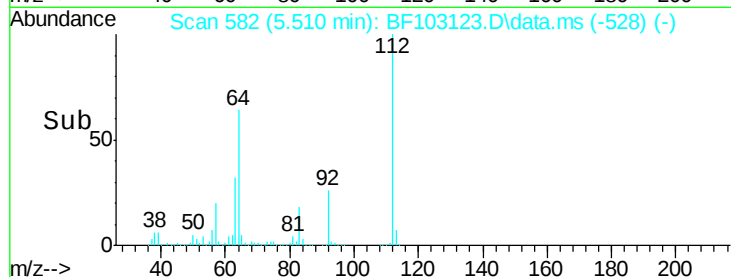
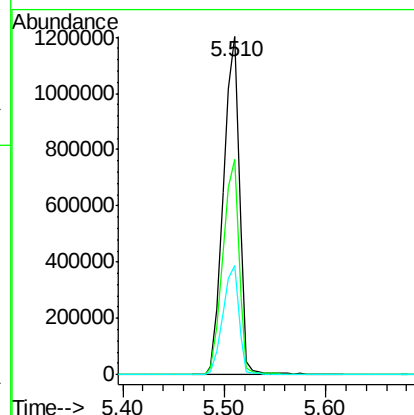
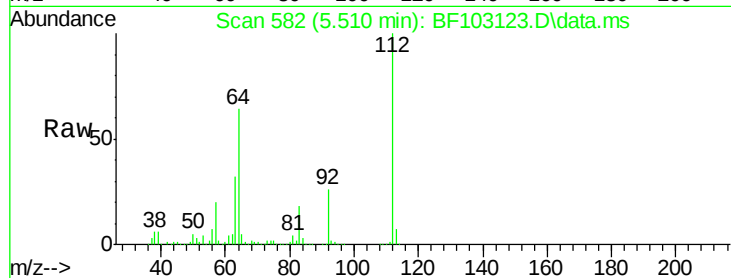
Tot Ion:112 Resp: 1323361

Ion Ratio Lower Upper

112 100

64 63.8 47.9 71.9

63 32.3 23.7 35.5



#6

Aniline

Concen: 28.83 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

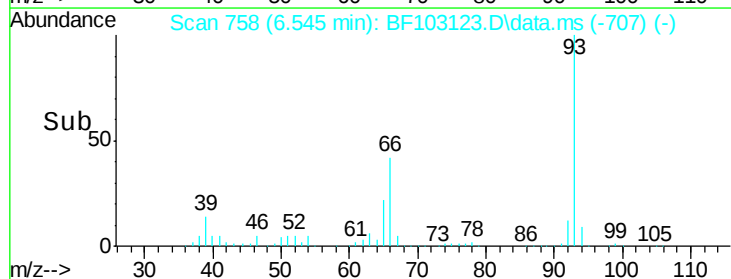
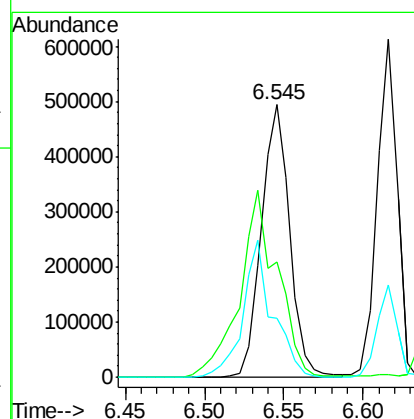
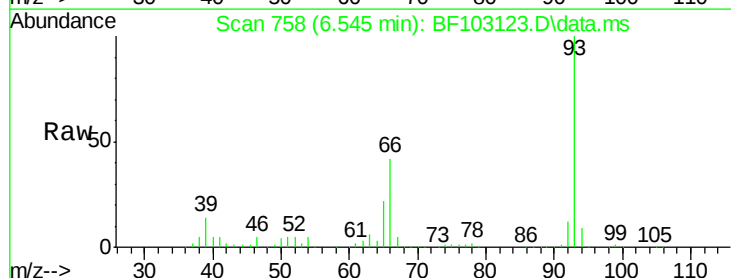
Tgt Ion: 93 Resp: 614819

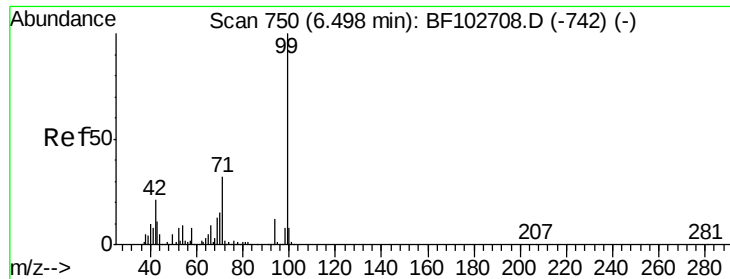
Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 113.44 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

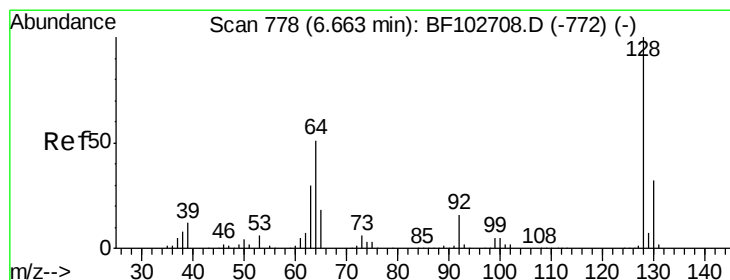
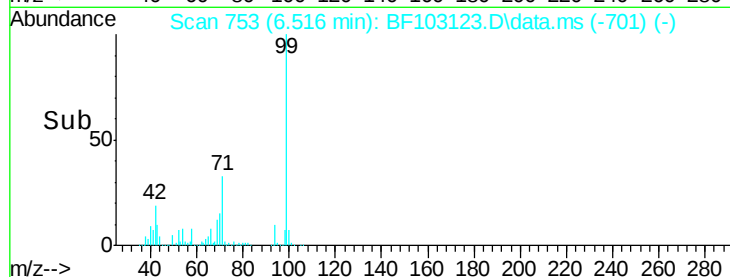
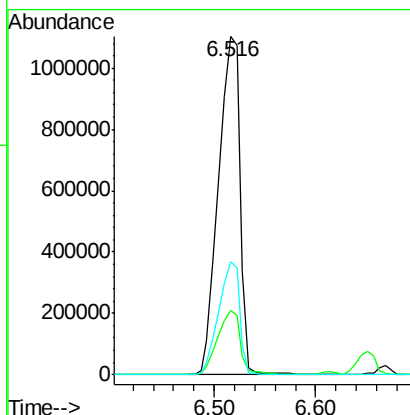
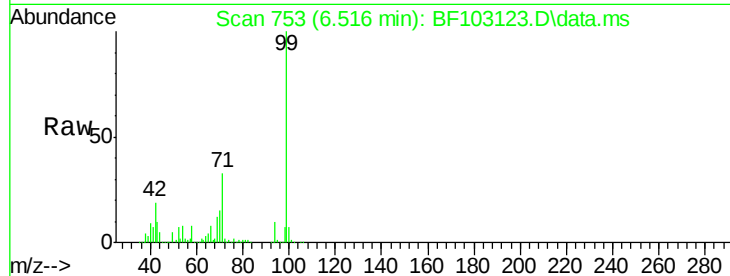
Tot Ion: 99 Resp: 1637909

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 33.3 25.4 38.0



#8

2-Chlorophenol

Concen: 42.42 ng

RT: 6.669 min Scan# 779

Delta R.T. 0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

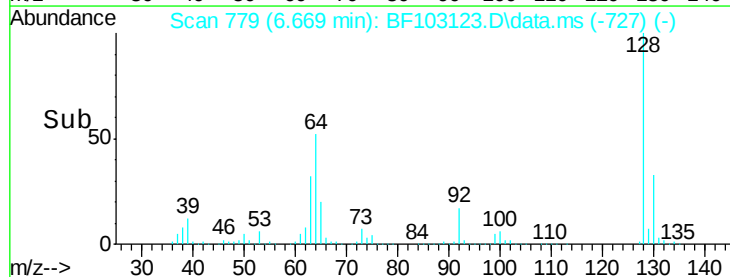
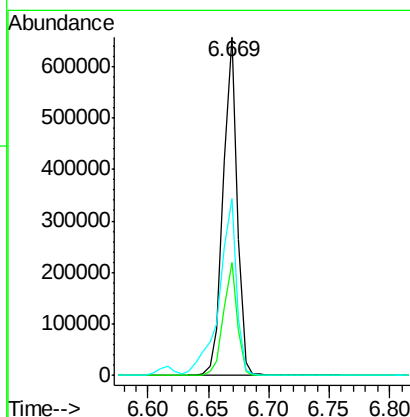
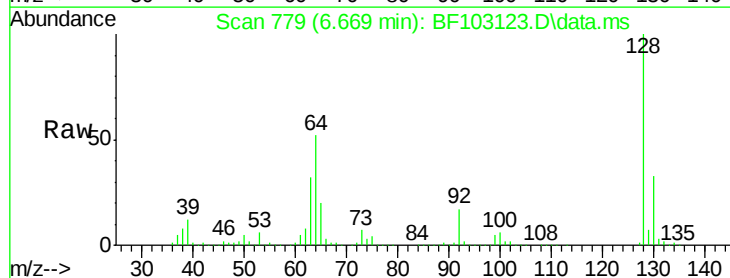
Tgt Ion:128 Resp: 523733

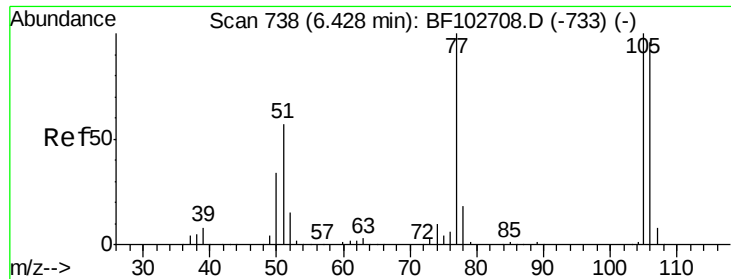
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 52.2 29.4 69.4





#9

Benzaldehyde

Concen: 31.85 ng

RT: 6.428 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF103123.D

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ClientSampleId :

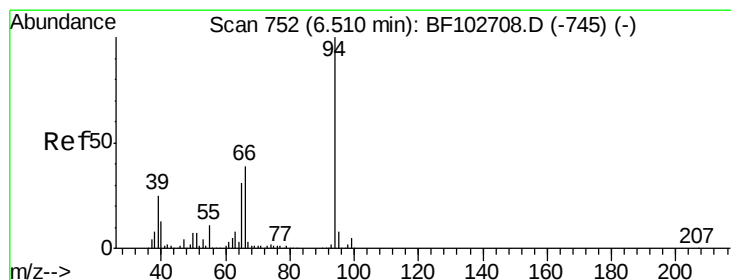
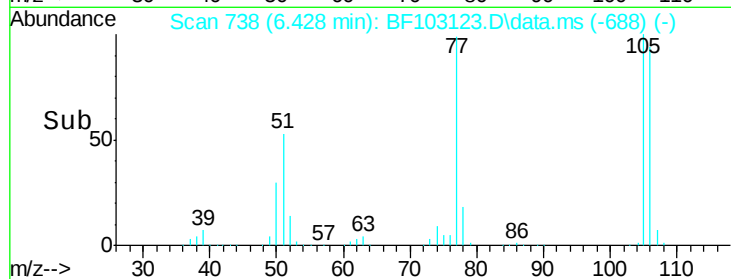
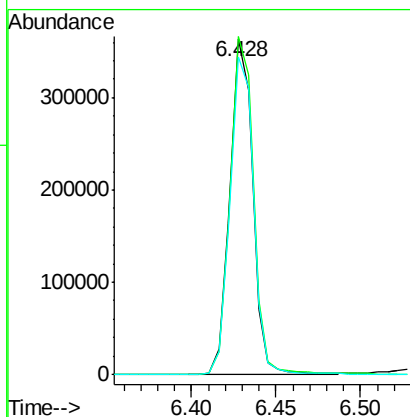
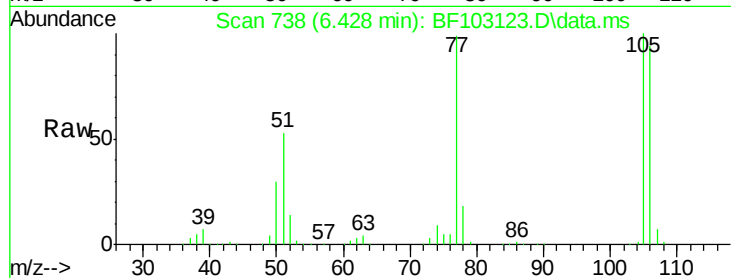
Tot Ion: 77 Resp: 341509

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

106 94.5 74.5 114.5



#10

Phenol

Concen: 42.75 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

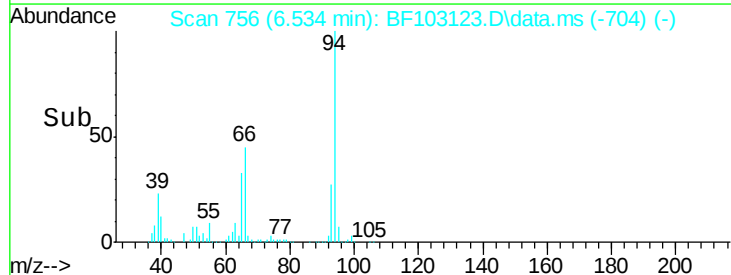
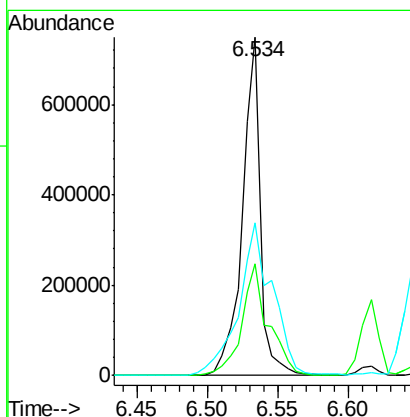
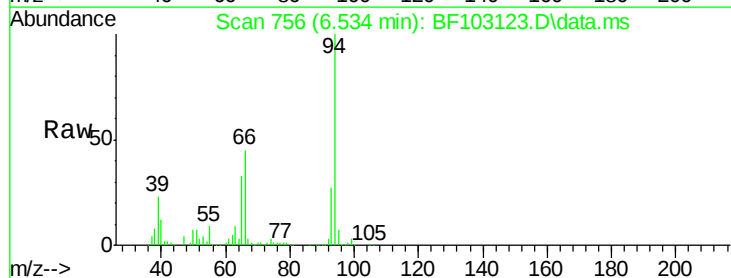
Tgt Ion: 94 Resp: 661467

Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

66 45.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.21 ng

RT: 6.616 min Scan# 770

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

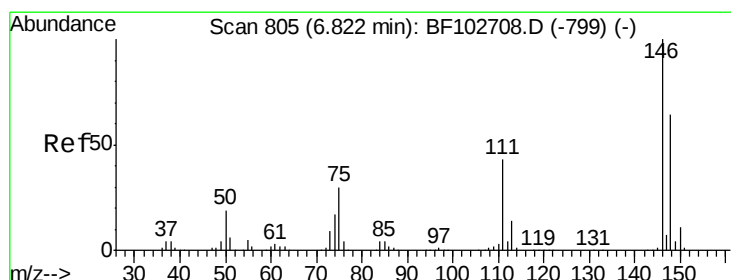
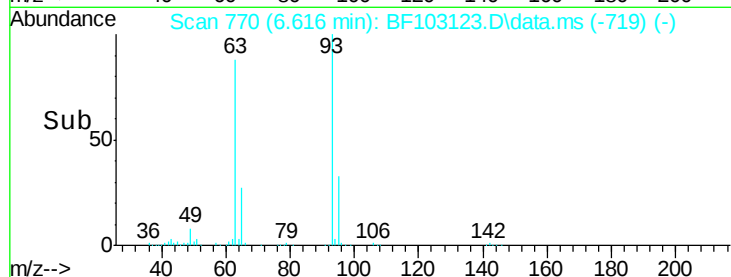
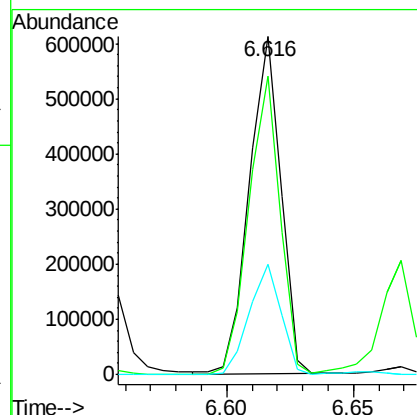
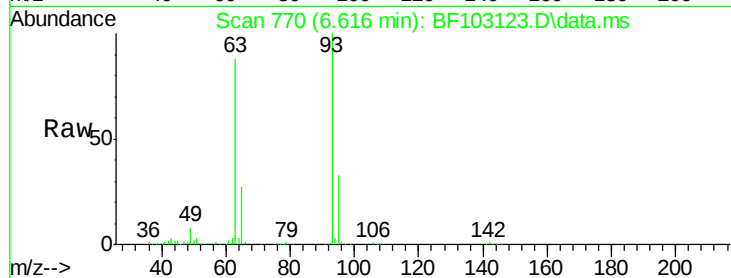
Tot Ion: 93 Resp: 530618

Ion Ratio Lower Upper

93 100

63 88.3 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.95 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

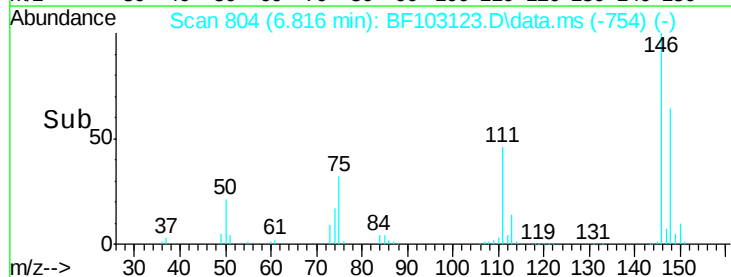
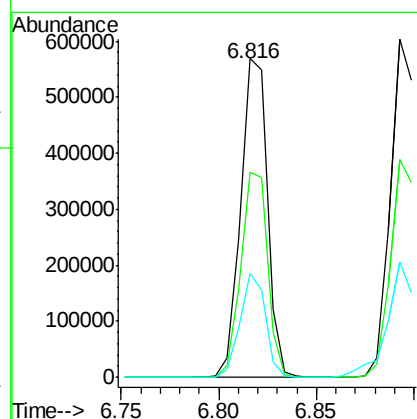
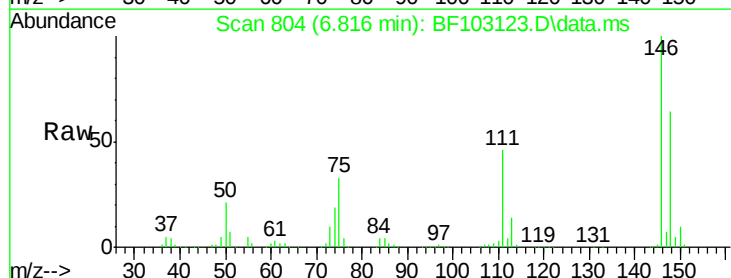
Tgt Ion: 146 Resp: 542477

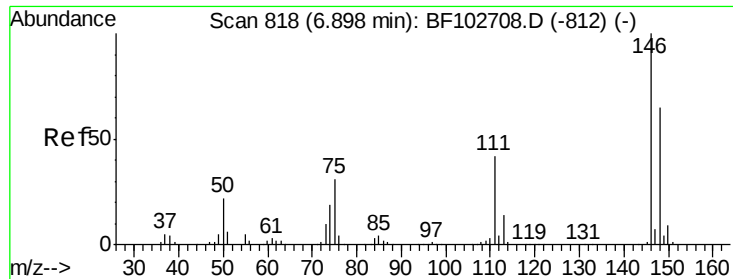
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 32.6 24.2 36.4

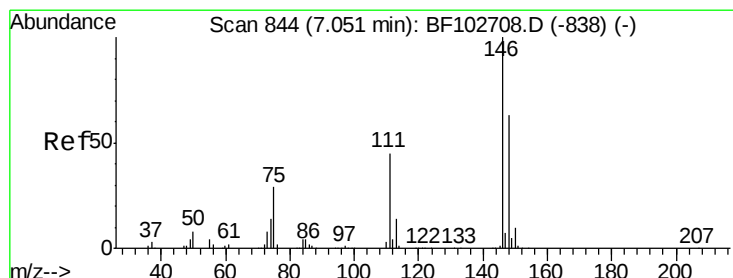
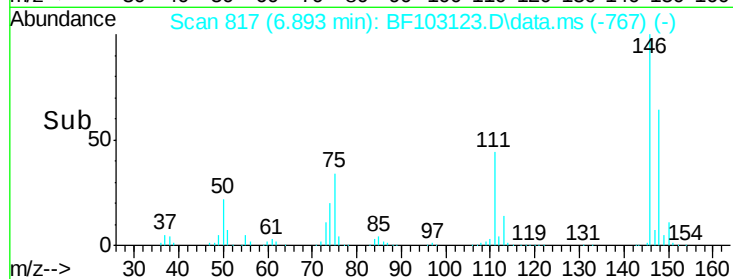
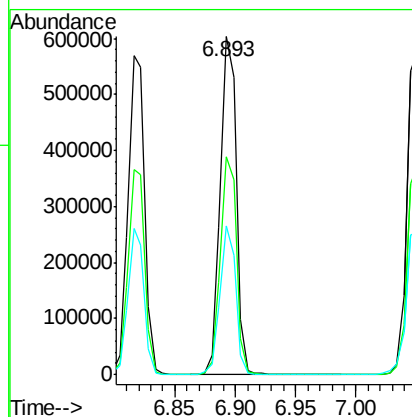
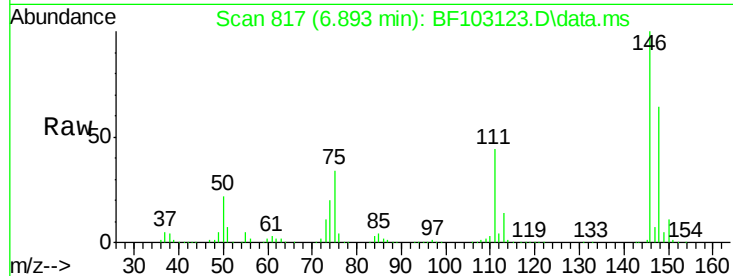




#13
 1,4-Dichlorobenzene
 Concen: 38.44 ng
 RT: 6.893 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

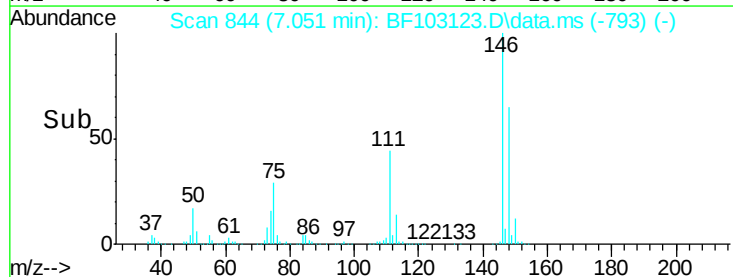
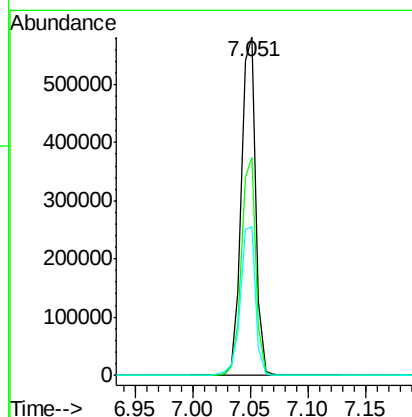
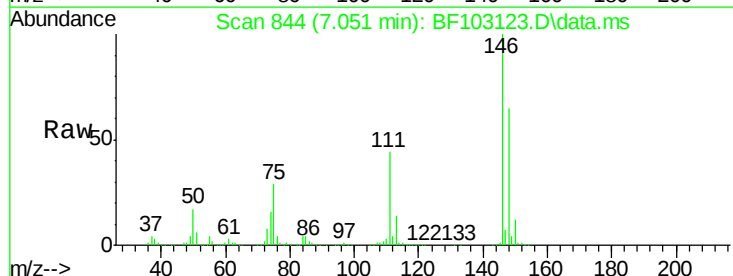
Instrument :
 BNA_F
 ClientSampleId :

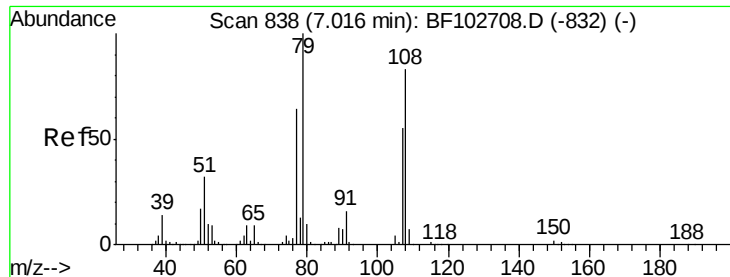
Tot Ion:146 Resp: 547481
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 43.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.02 ng
 RT: 7.051 min Scan# 844
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:146 Resp: 504310
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 43.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.23 ng

RT: 7.022 min Scan# 83

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

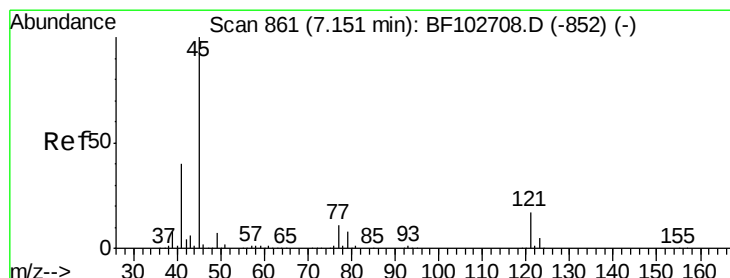
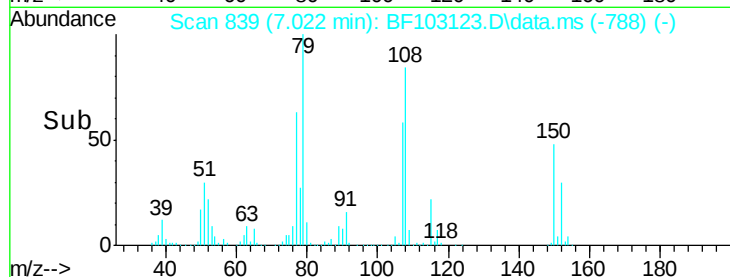
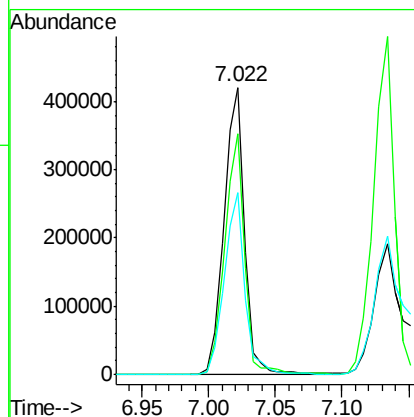
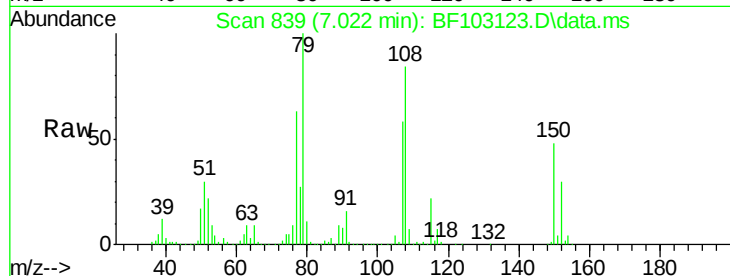
Tot Ion: 79 Resp: 457632

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

77 63.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.05 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

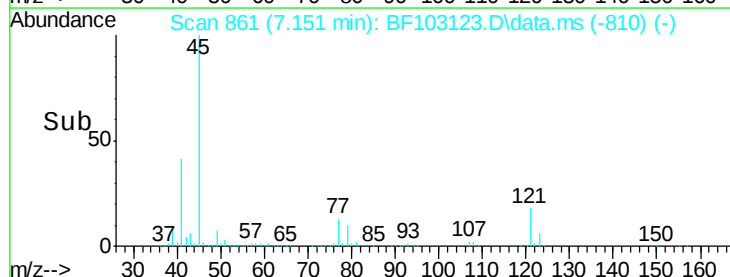
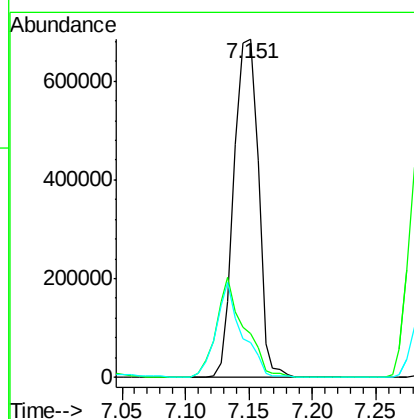
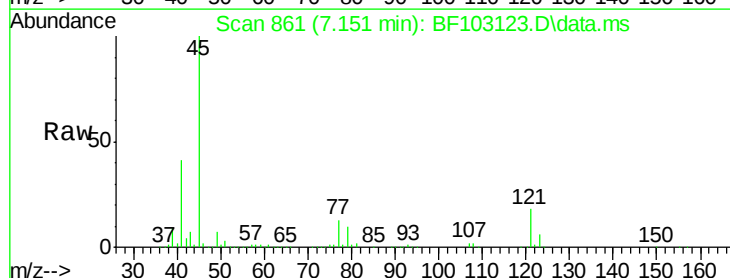
Tgt Ion: 45 Resp: 906114

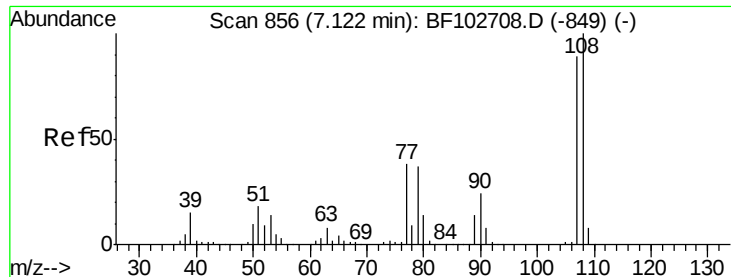
Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.9

79 10.4 0.0 29.6

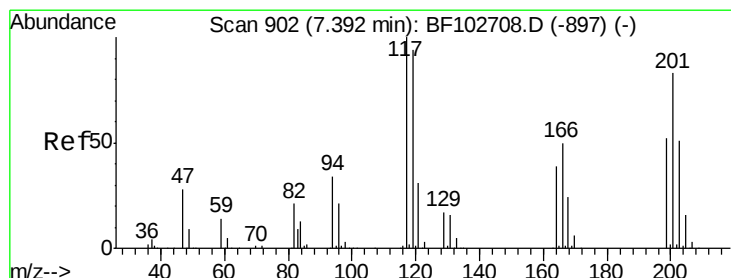
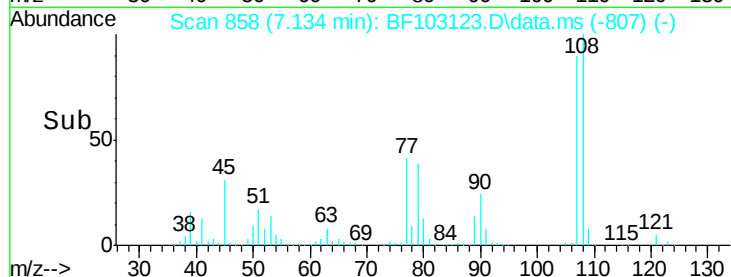
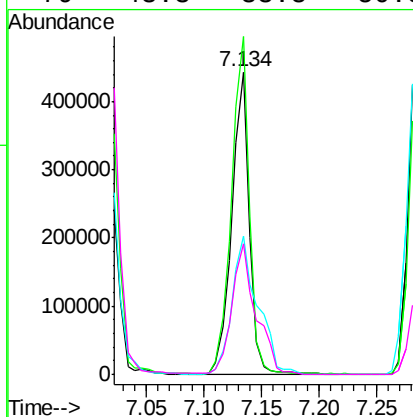
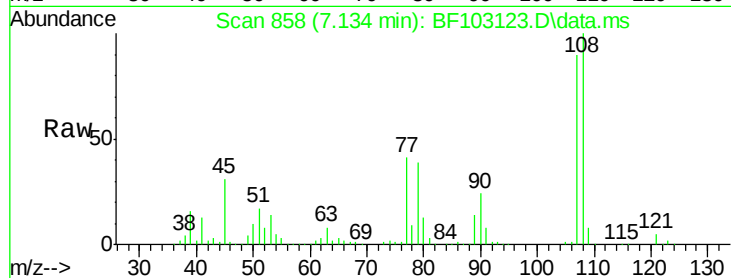




#17
2-Methylphenol
Concen: 40.76 ng
RT: 7.134 min Scan# 85
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

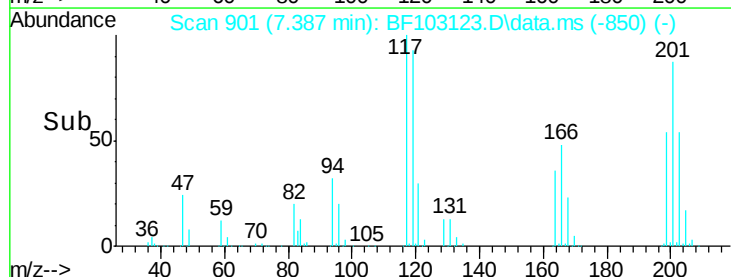
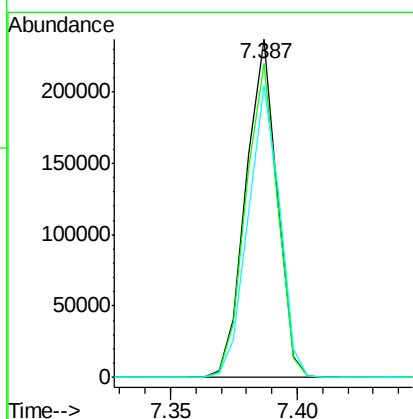
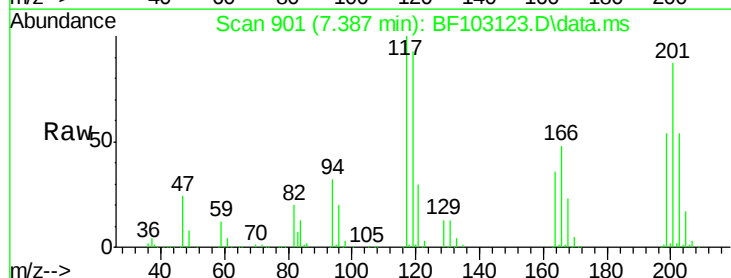
Instrument :
BNA_F
ClientSampleId :

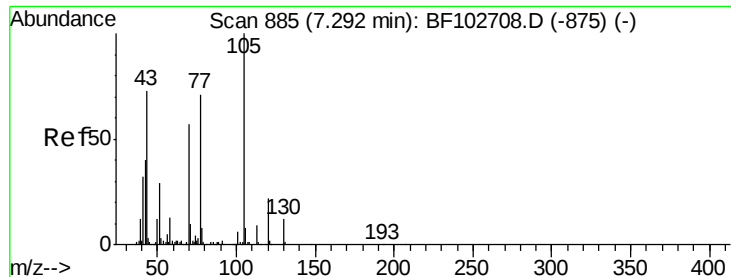
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.7	137.5
77	45.8	33.8	50.8
79	43.3	33.8	50.8



#18
Hexachloroethane
Concen: 41.59 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	86.6	75.7	113.5

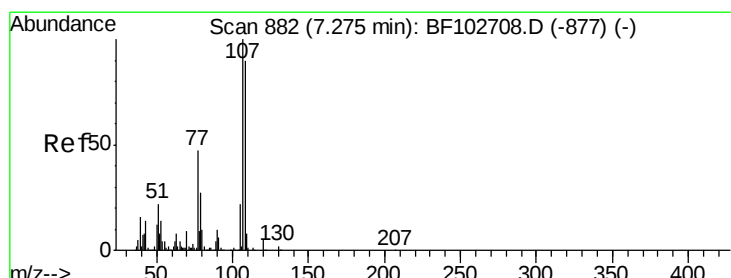
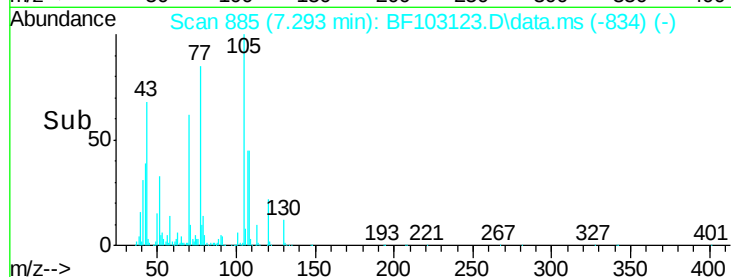
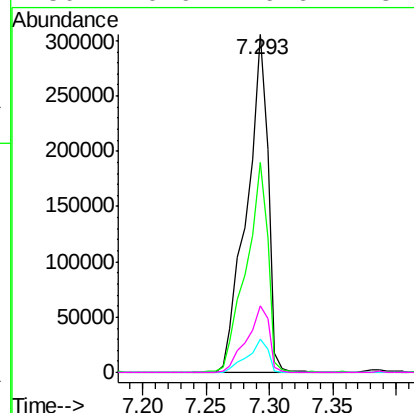
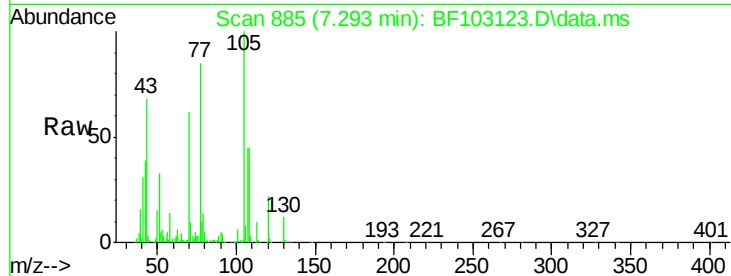




#19
n-Nitroso-di-n-propylamine
Concen: 37.37 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

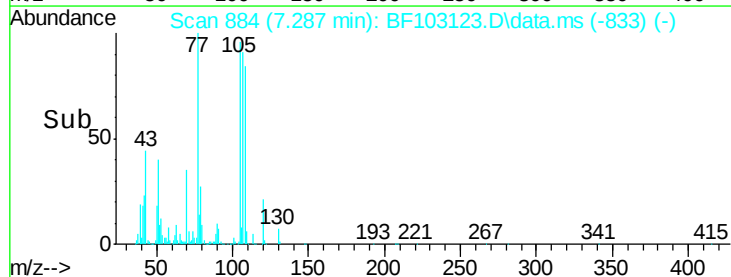
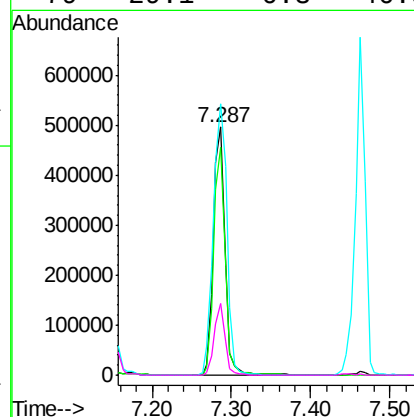
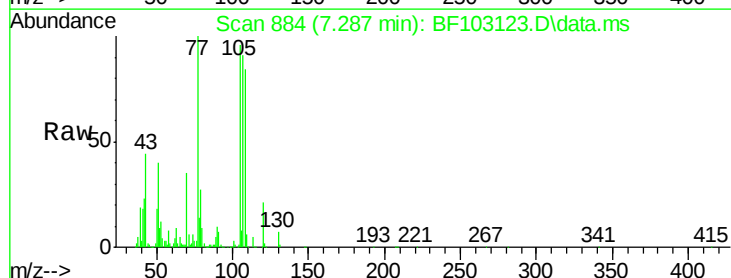
Instrument :
BNA_F
ClientSampleId :

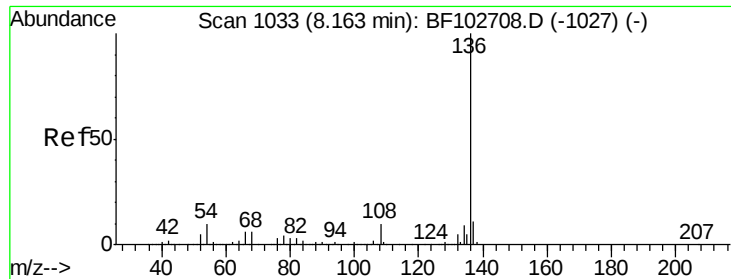
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.5	71.3
101	10.0	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.75 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.2	108.2
77	109.6	26.7	66.7#
79	29.1	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: BF103123.D

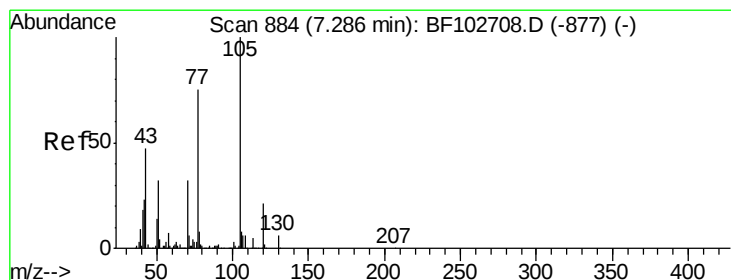
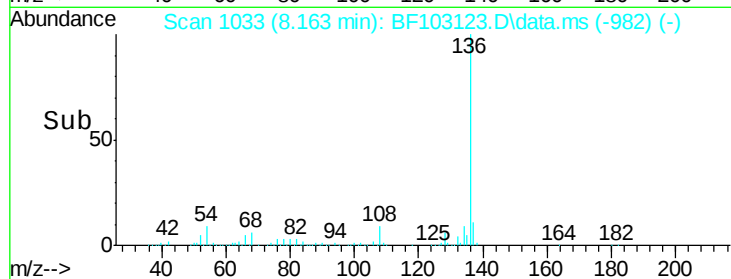
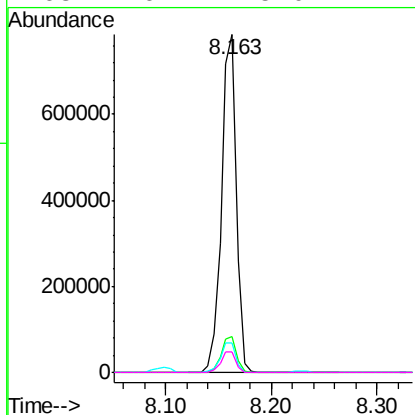
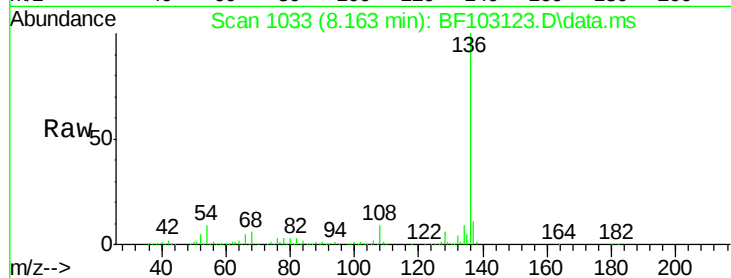
Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	778136
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	8.6	6.6 9.8
68	6.1	5.0 7.4



#22

Acetophenone

Concen: 35.86 ng

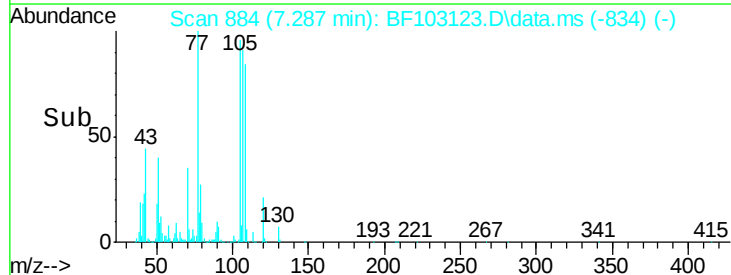
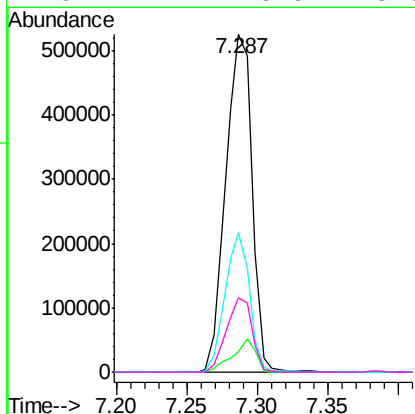
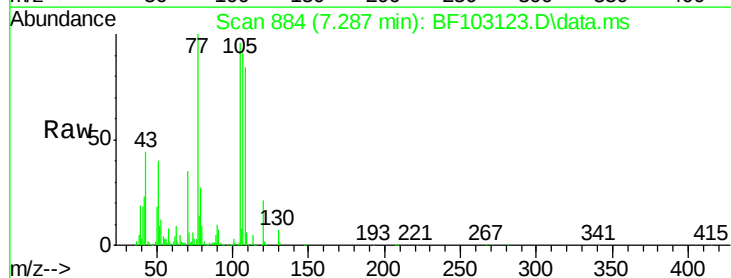
RT: 7.287 min Scan# 884

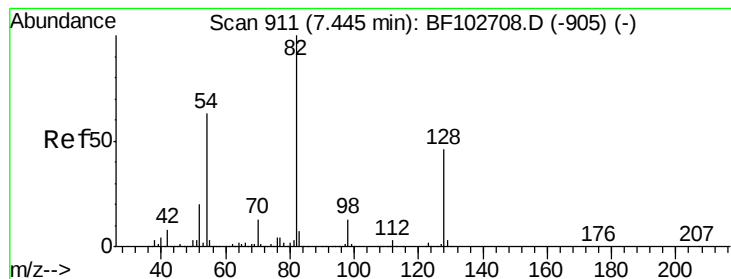
Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:105	Resp:	682882
Ion Ratio	Lower	Upper
105	100	
71	6.3	4.4 6.6
51	41.3	22.3 33.5#
120	22.1	16.9 25.3





#23

Nitrobenzene-d5

Concen: 96.92 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

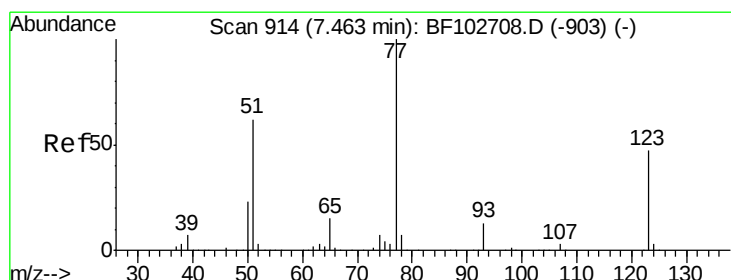
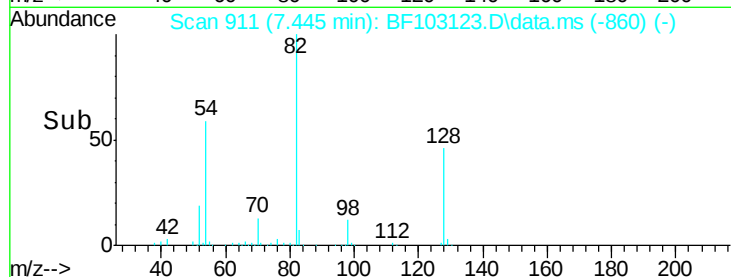
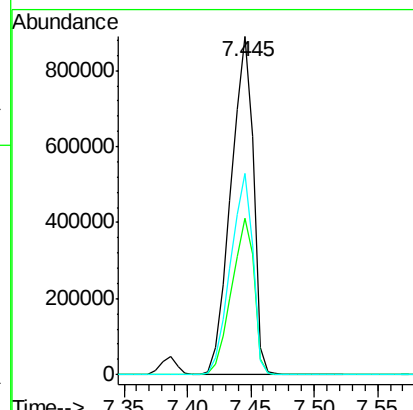
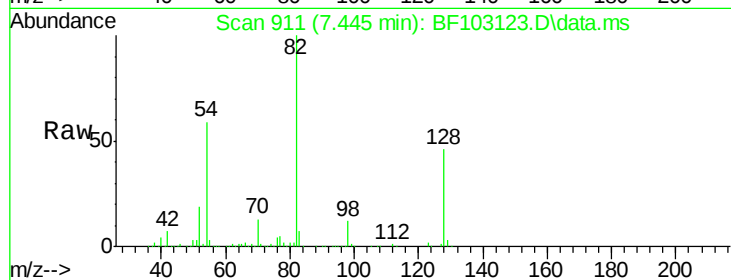
Tot Ion: 82 Resp: 1087106

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

54 59.3 41.4 62.2



#24

Nitrobenzene

Concen: 43.99 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

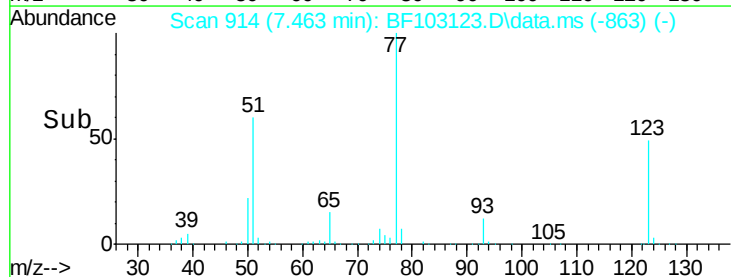
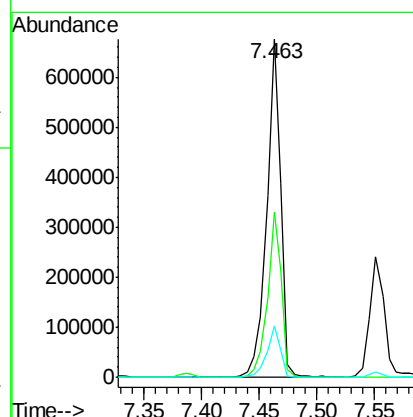
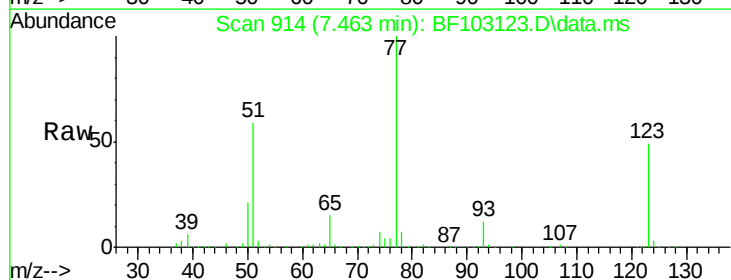
Tgt Ion: 77 Resp: 580429

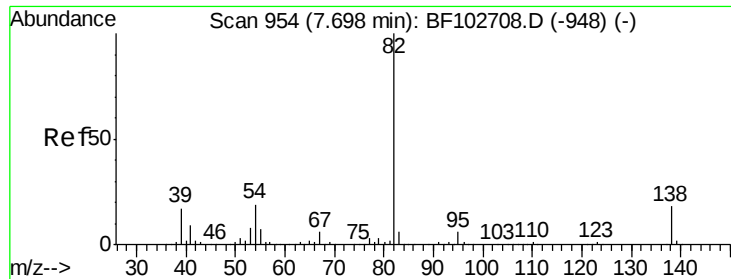
Ion Ratio Lower Upper

77 100

123 48.8 37.9 56.9

65 15.1 11.0 16.4





#25

Isophorone

Concen: 42.64 ng

RT: 7.698 min Scan# 95

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

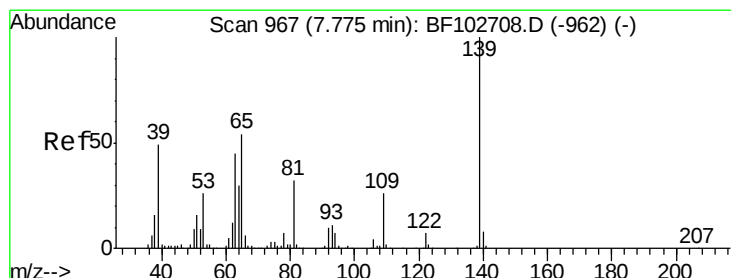
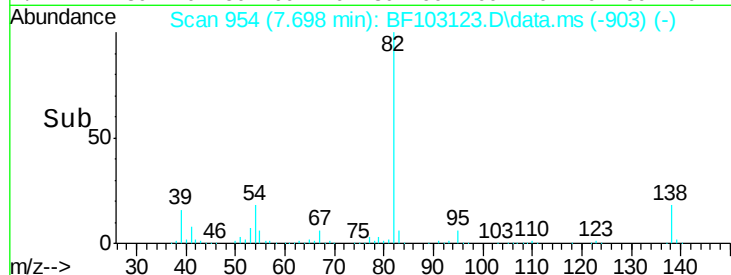
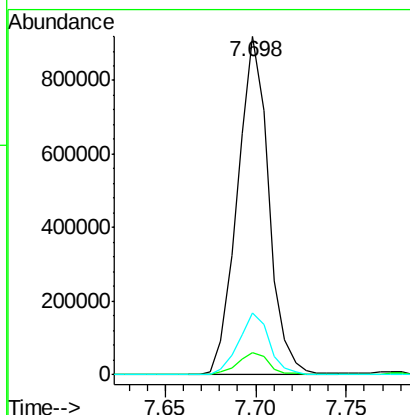
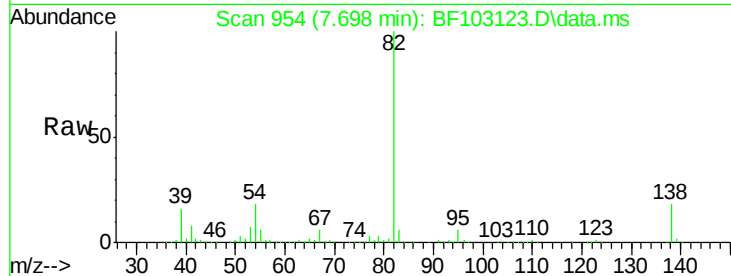
Tot Ion: 82 Resp: 1101334

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 56.45 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

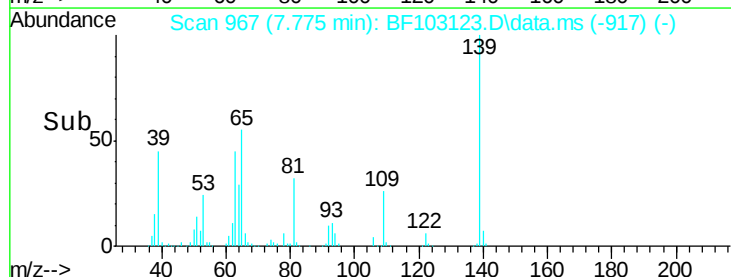
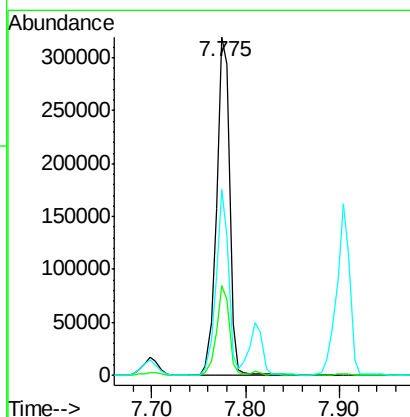
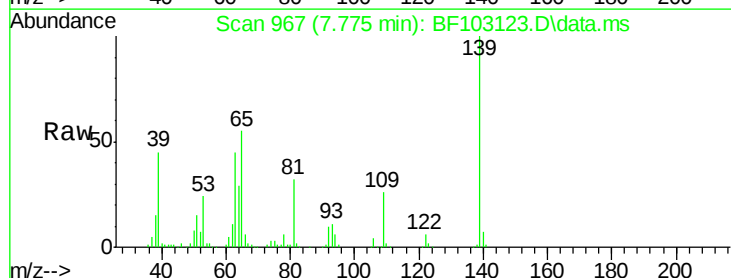
Tgt Ion: 139 Resp: 316084

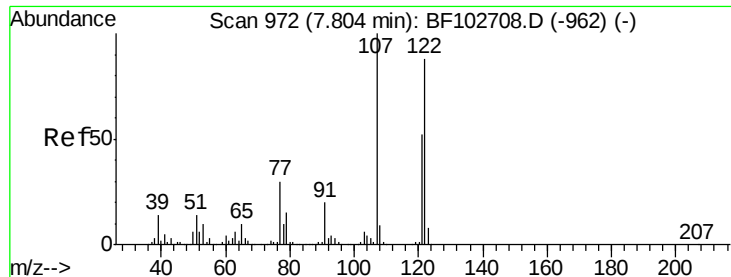
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 54.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.40 ng

RT: 7.810 min Scan# 97

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

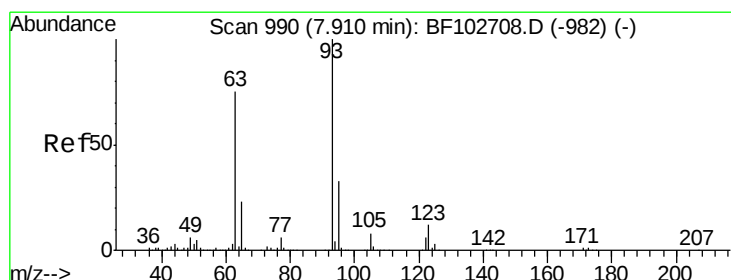
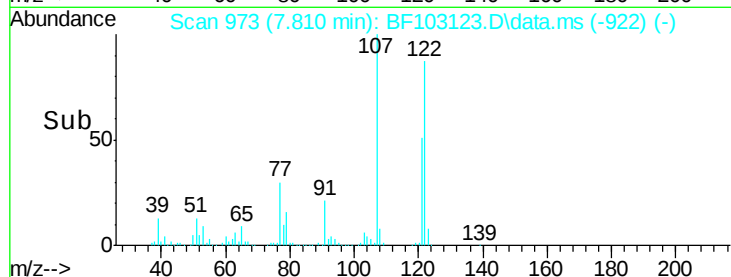
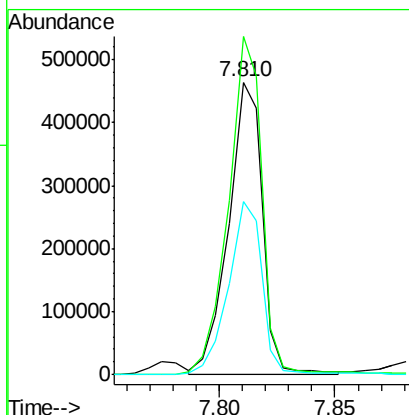
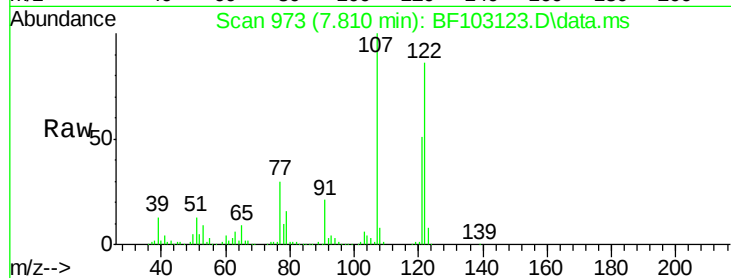
Tot Ion:122 Resp: 473576

Ion Ratio Lower Upper

122 100

107 115.7 91.2 136.8

121 59.0 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.15 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

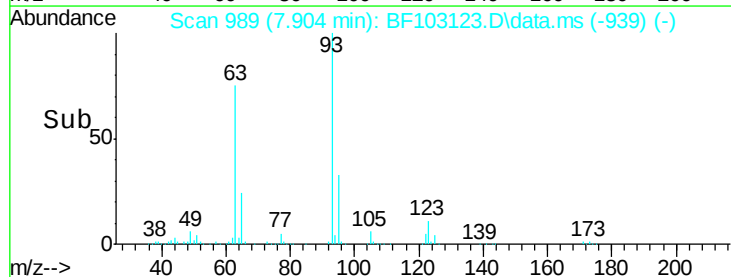
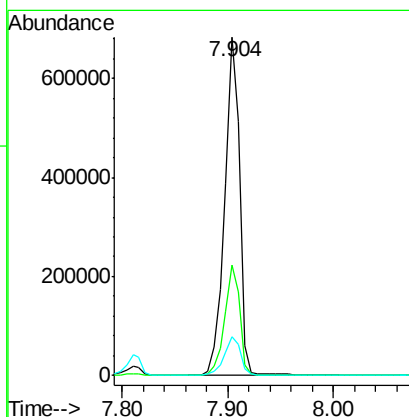
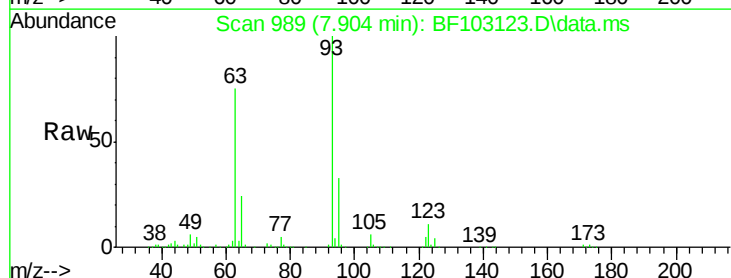
Tgt Ion: 93 Resp: 675583

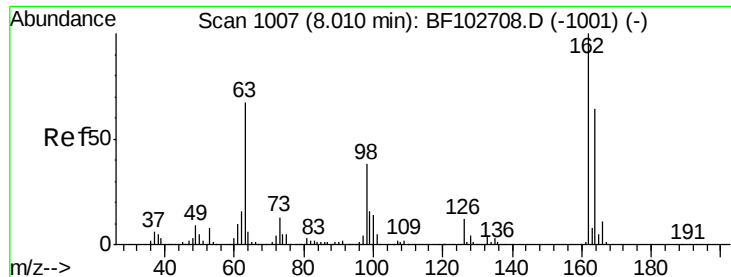
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.3 9.8 14.6

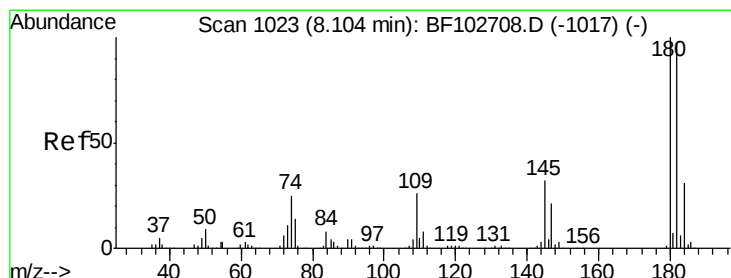
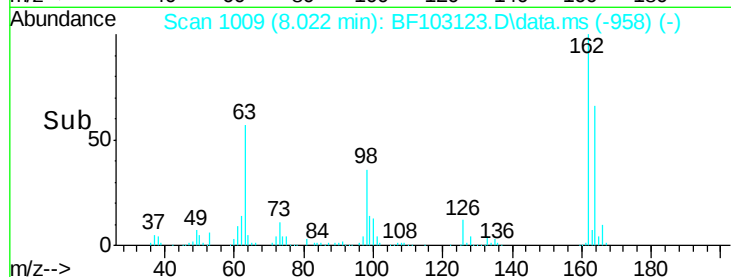
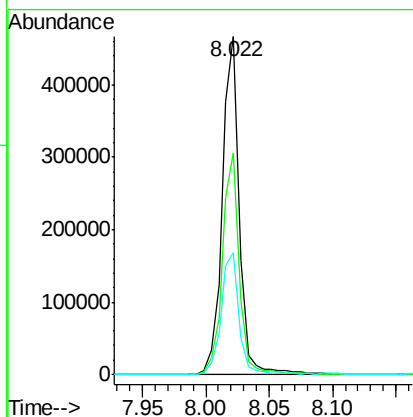
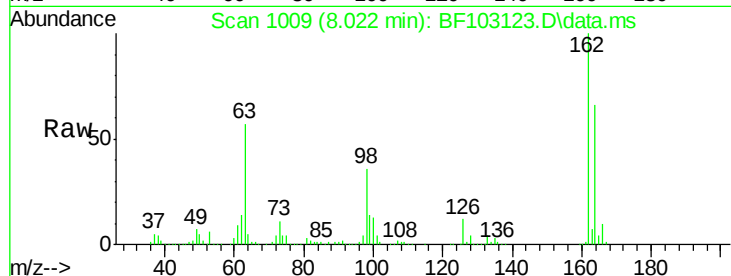




#29
2,4-Dichlorophenol
Concen: 44.27 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

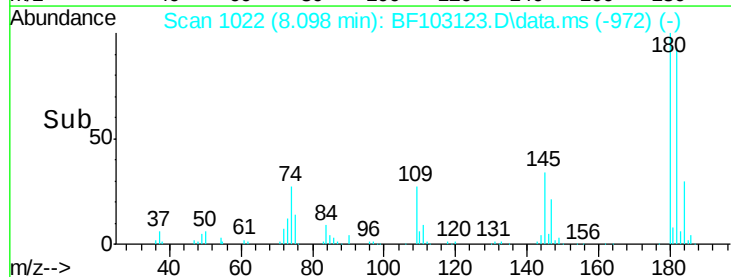
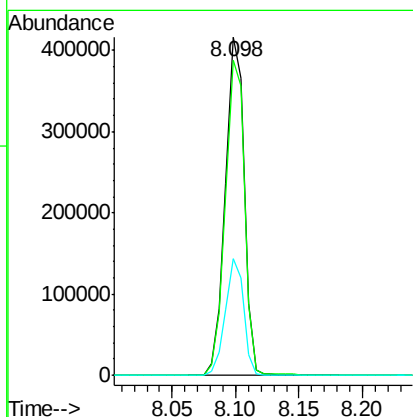
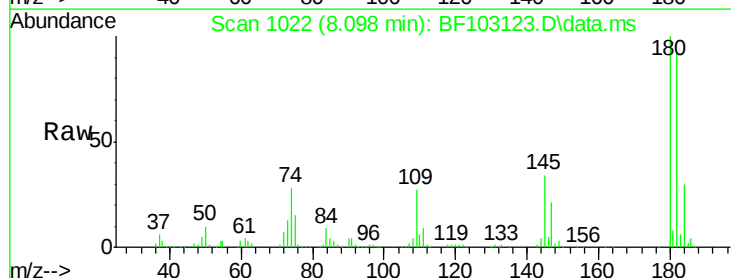
Instrument :
BNA_F
ClientSampleId :

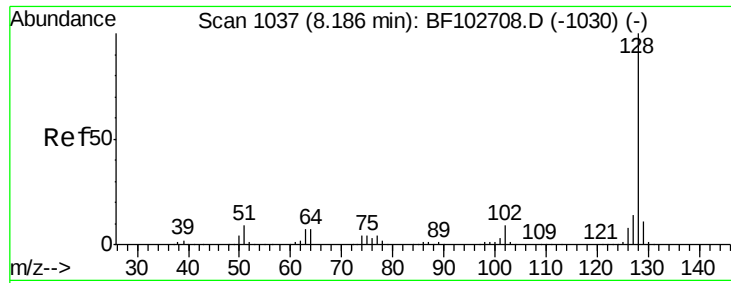
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	36.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.33 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.8	115.2
145	34.5	26.5	39.7

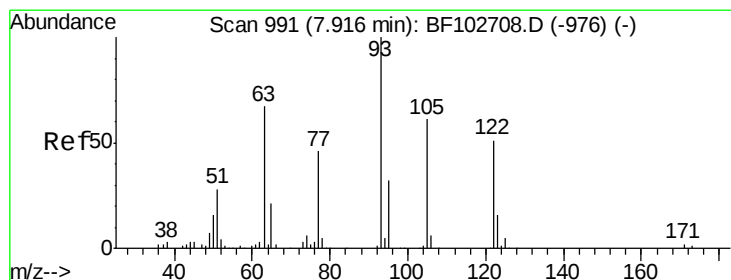
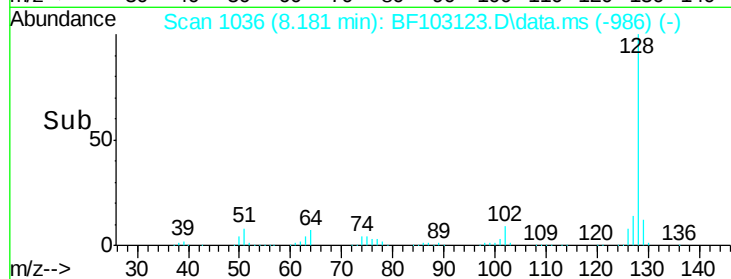
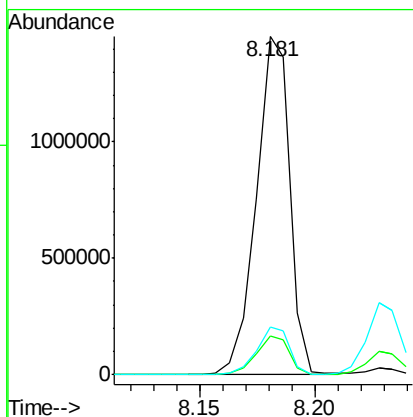
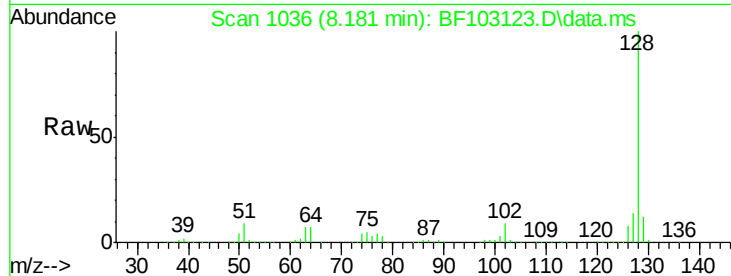




#31
Naphthalene
Concen: 38.68 ng
RT: 8.181 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

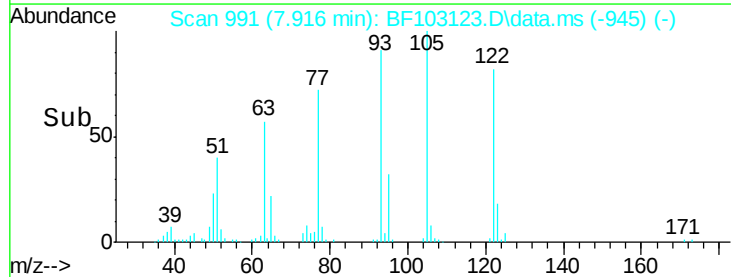
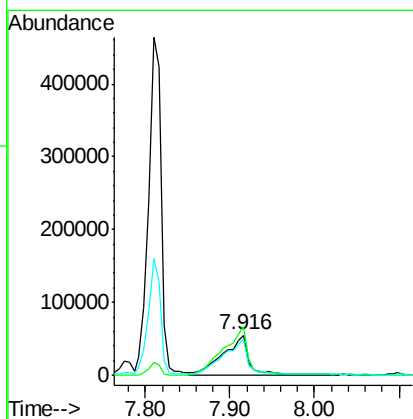
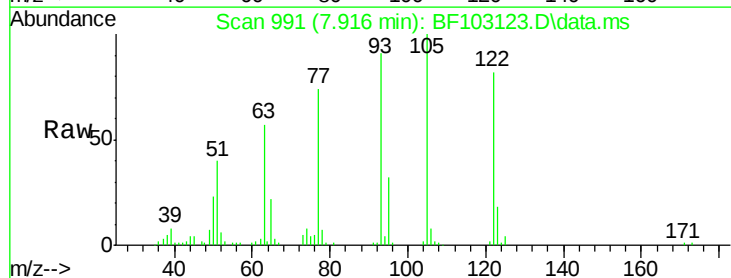
Instrument :
BNA_F
ClientSampleId :

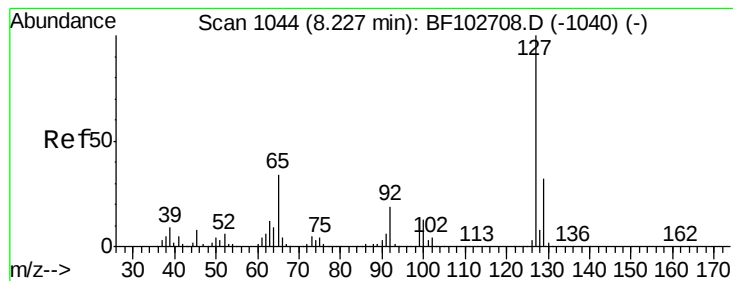
Tot Ion:128 Resp: 1470703
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.0 10.9 16.3



#32
Benzoic acid
Concen: 22.10 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.029 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion:122 Resp: 114415
Ion Ratio Lower Upper
122 100
105 121.5 101.1 141.1
77 89.3 70.7 110.7





#33

4-Chloroaniline

Concen: 20.98 ng

RT: 8.228 min Scan# 1044

Delta R.T. -0.006 min

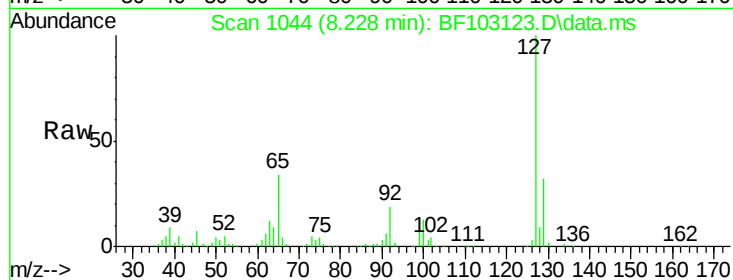
Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampled :



Tot Ion:127 Resp: 343605

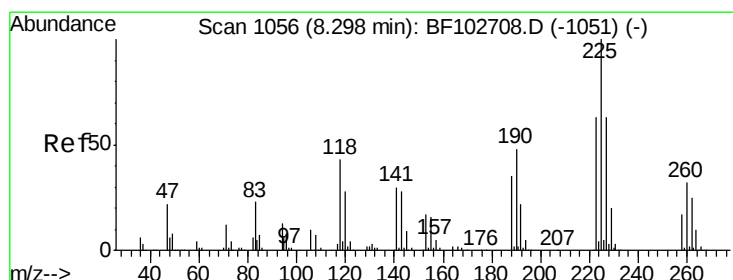
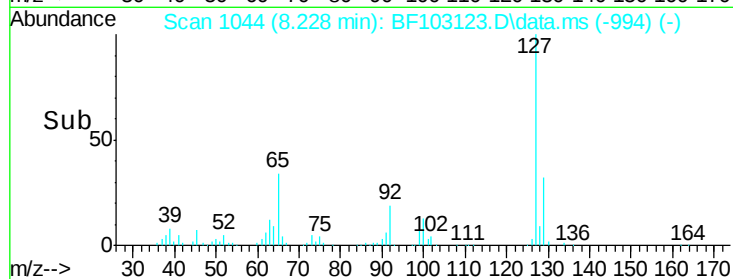
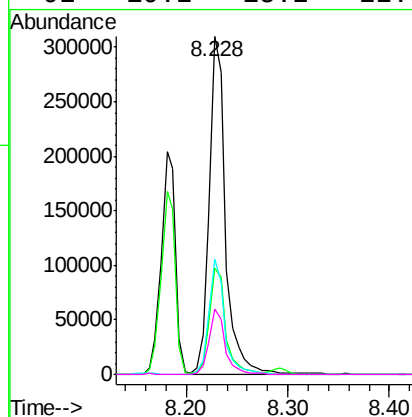
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 34.0 25.0 37.4

92 19.2 15.2 22.8



#34

Hexachlorobutadiene

Concen: 37.35 ng

RT: 8.292 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

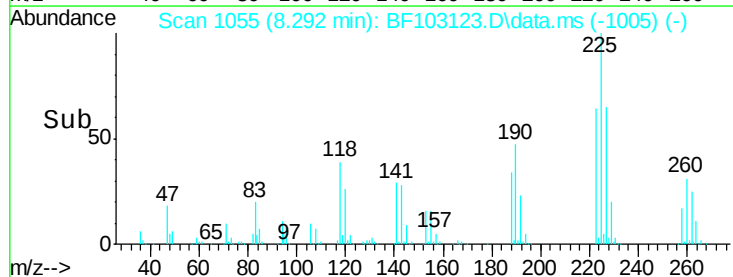
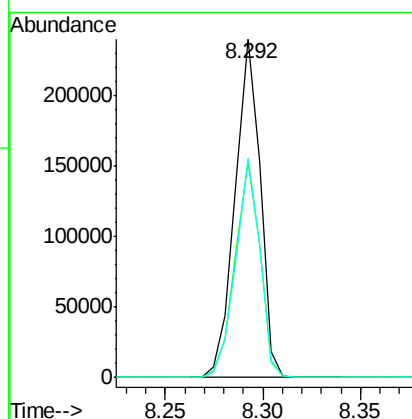
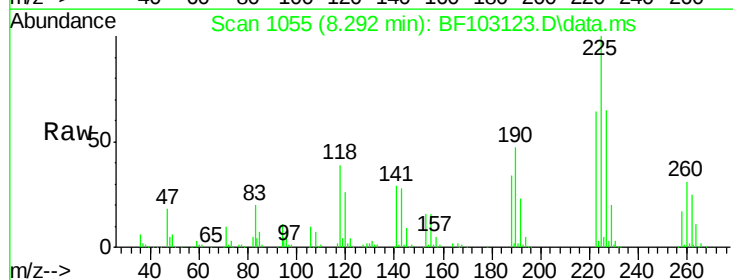
Tgt Ion:225 Resp: 214778

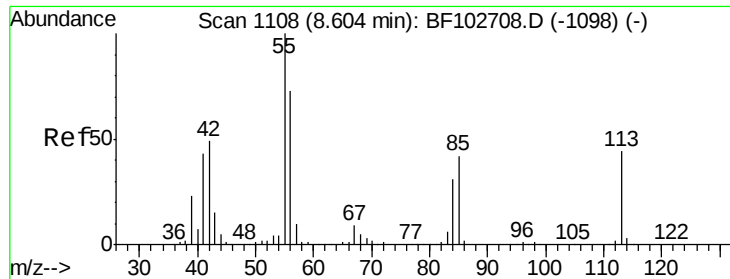
Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

227 64.7 51.9 77.9

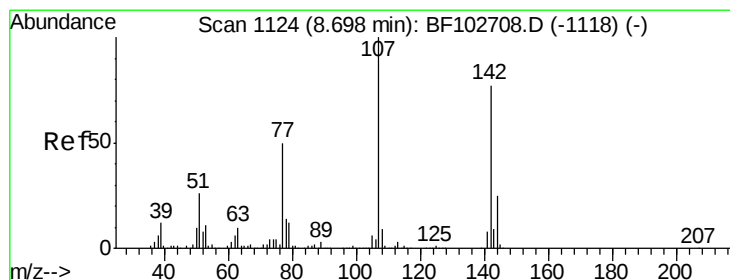
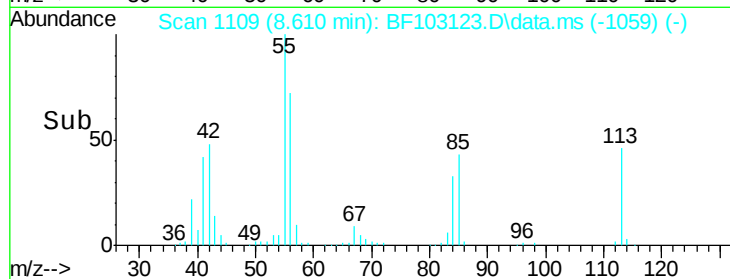
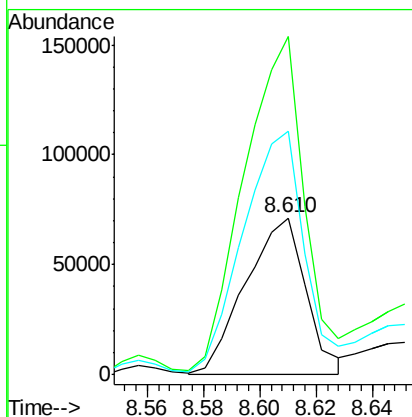
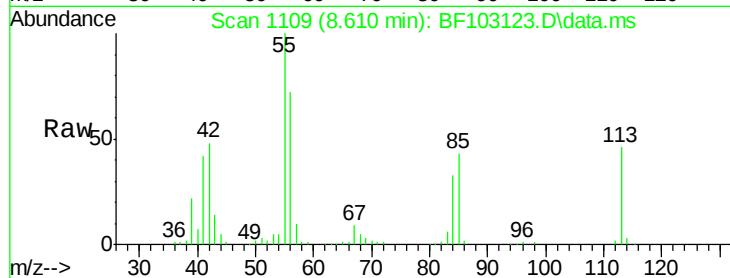




#35
 Caprolactam
 Concen: 30.62 ng
 RT: 8.610 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

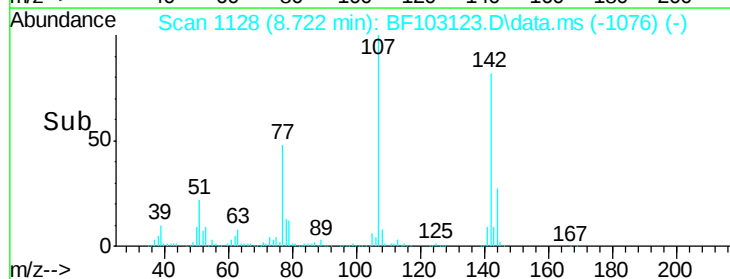
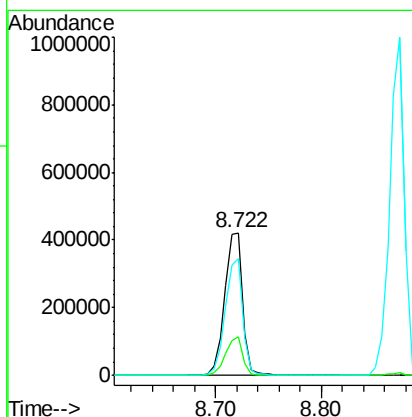
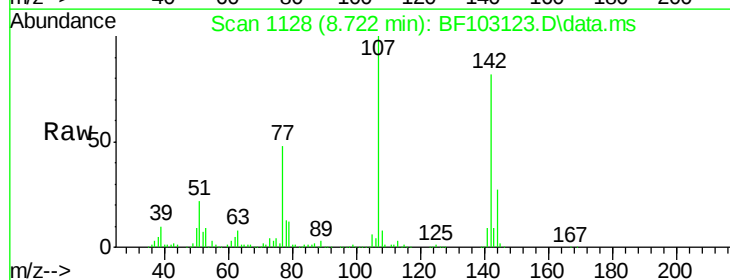
Instrument :
 BNA_F
 ClientSampled :

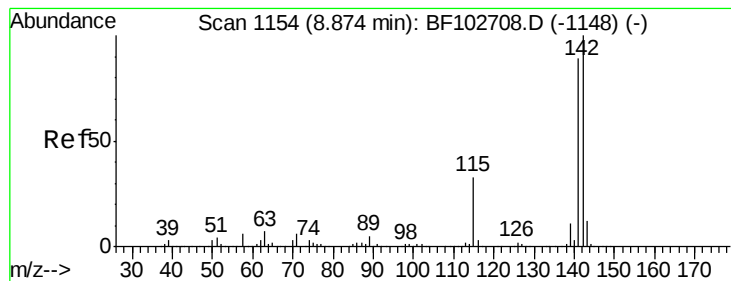
Tot Ion:113 Resp: 105482
 Ion Ratio Lower Upper
 113 100
 55 215.5 163.3 203.3#
 56 155.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.73 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:107 Resp: 498515
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 82.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.22 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampled :

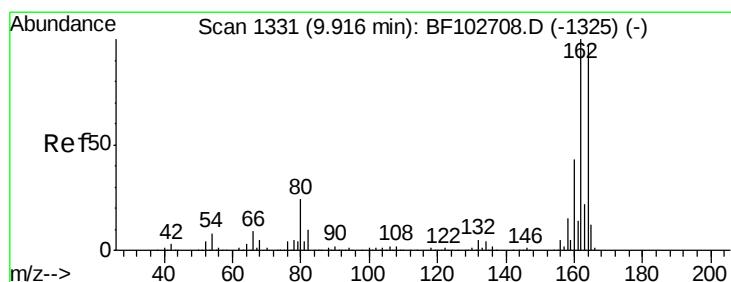
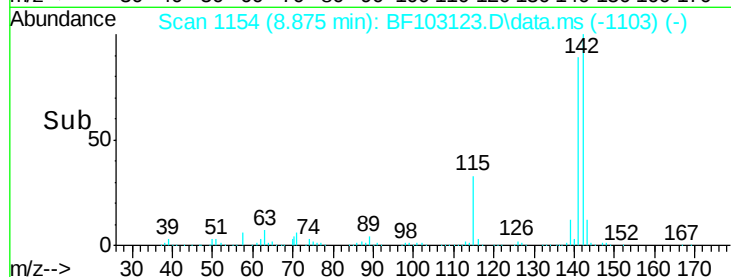
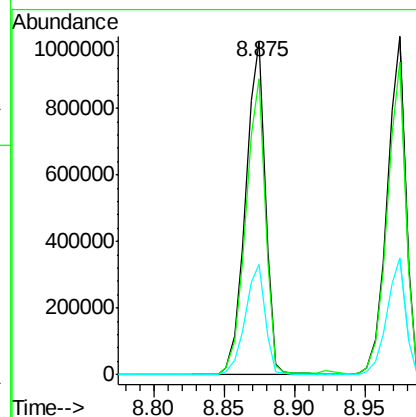
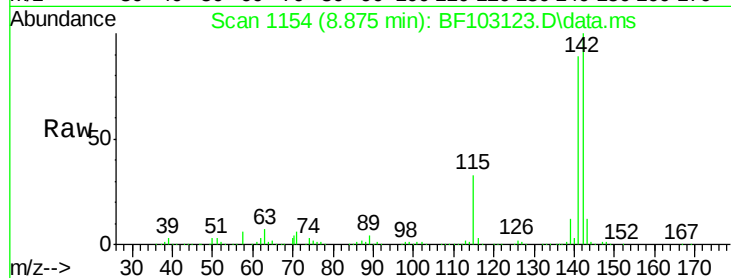
Tot Ion:142 Resp: 976219

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

115 33.1 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: BF103123.D

Acq: 20 Feb 2018 18:58

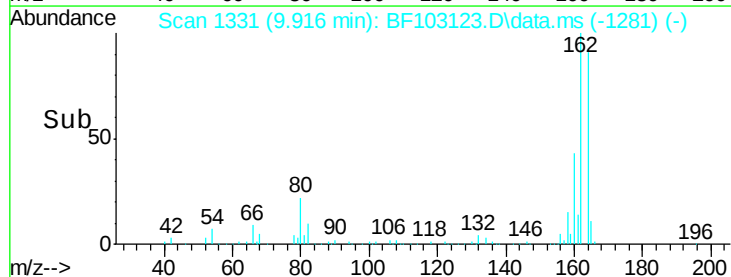
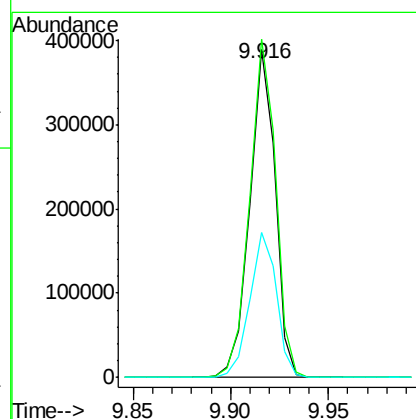
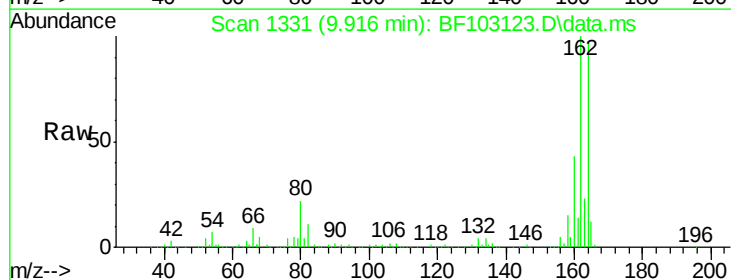
Tgt Ion:164 Resp: 351768

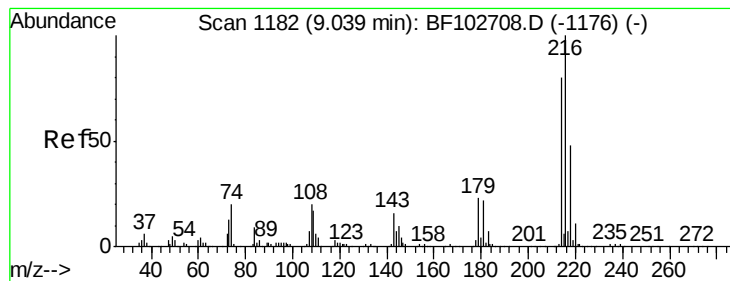
Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

160 44.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.96 ng

RT: 9.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 373129

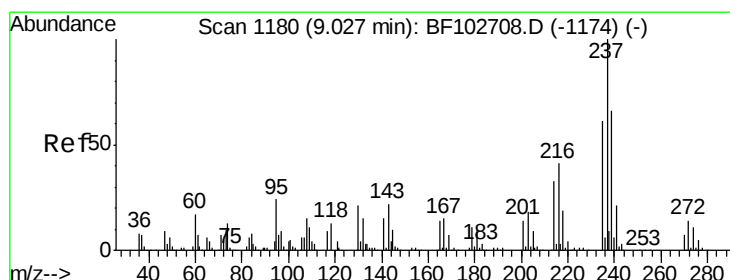
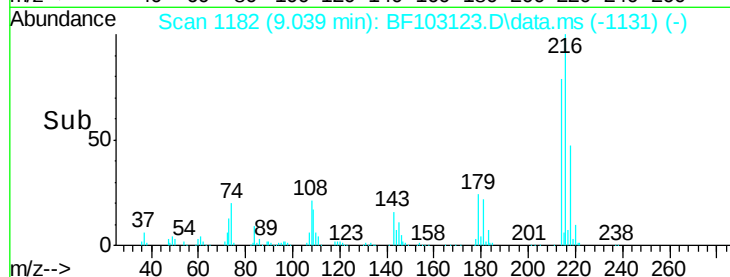
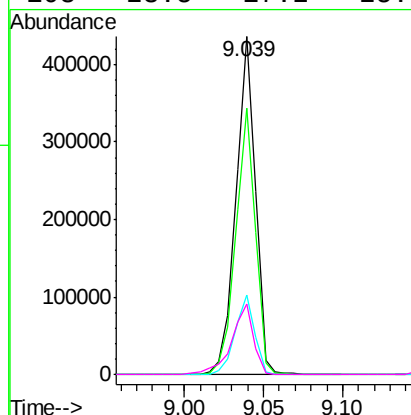
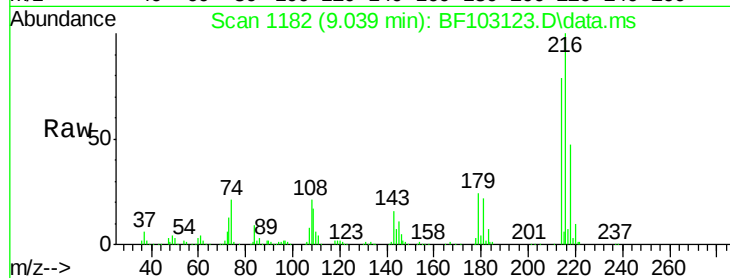
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 23.5 18.1 27.1

108 23.5 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 50.32 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

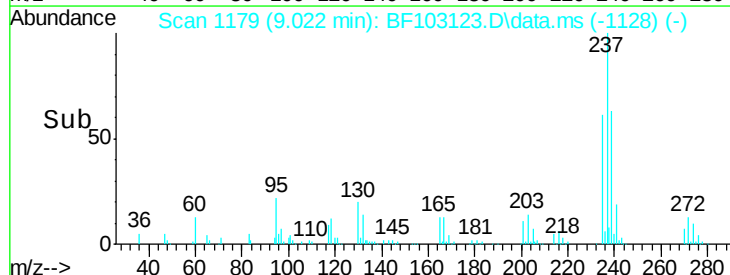
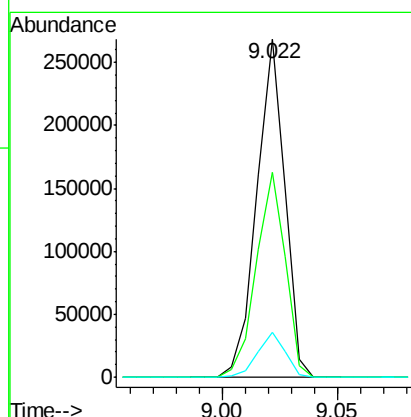
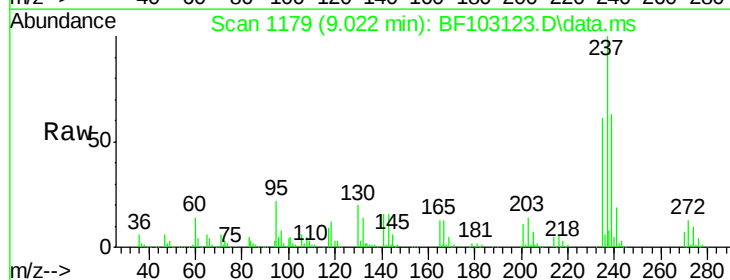
Tgt Ion:237 Resp: 229100

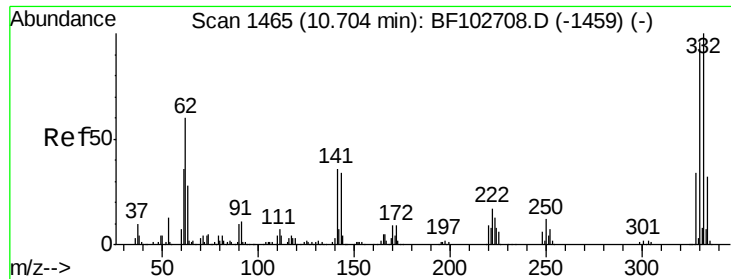
Ion Ratio Lower Upper

237 100

235 60.6 44.8 84.8

272 13.5 0.0 33.3

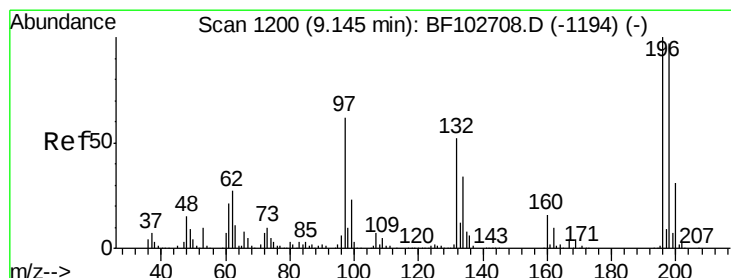
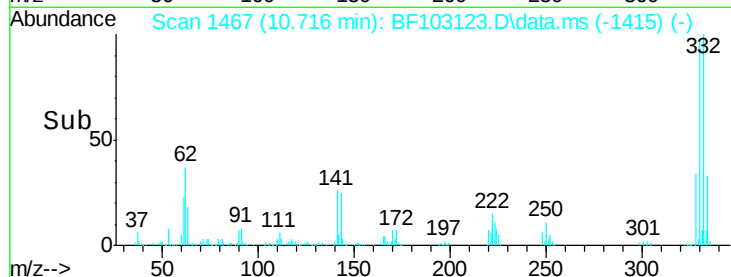
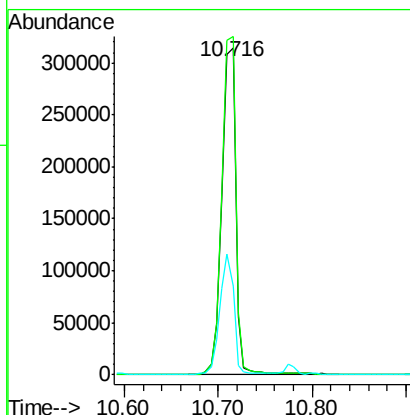
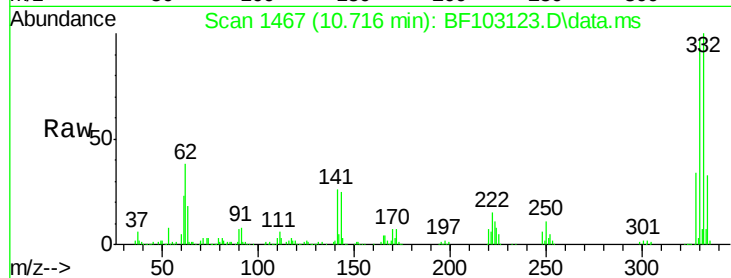




#41
 2,4,6-Tribromophenol
 Concen: 116.81 ng
 RT: 10.716 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

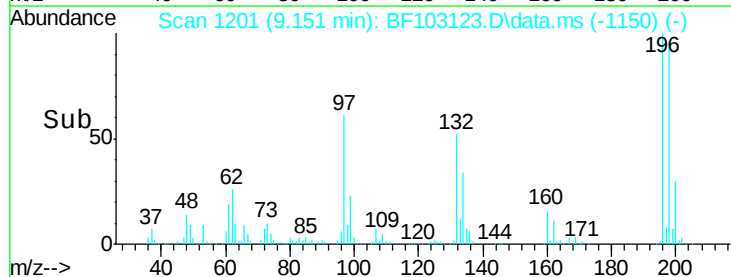
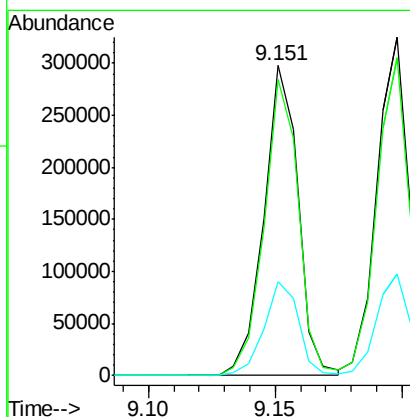
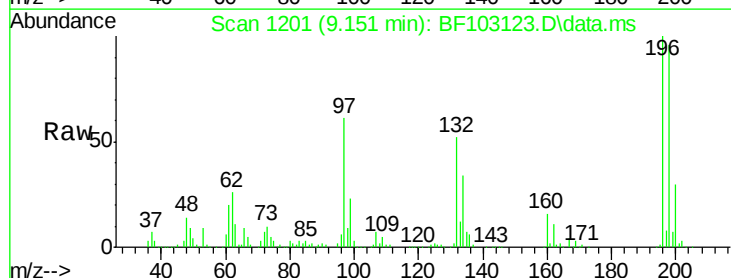
Instrument :
 BNA_F
 ClientSampleId :

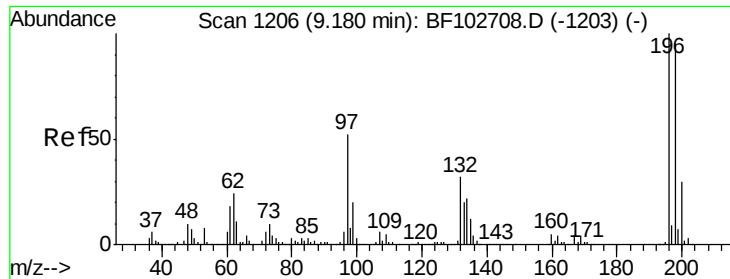
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.0	115.6
141	36.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.25 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	30.4	24.5	36.7

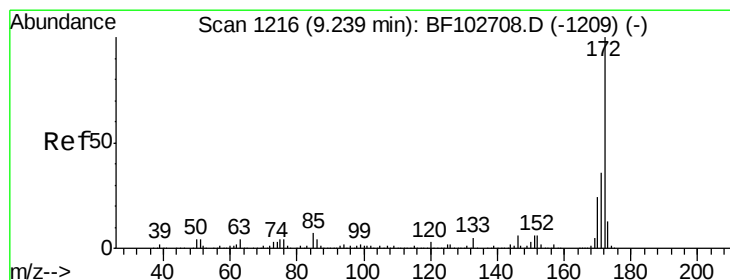
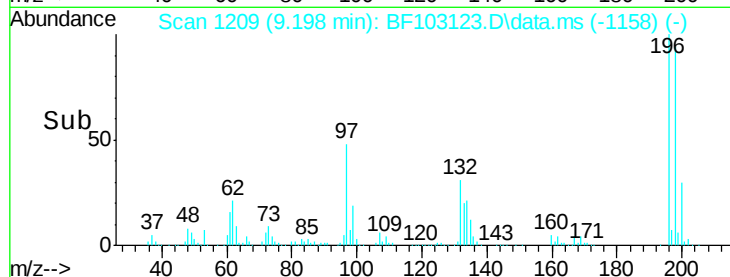
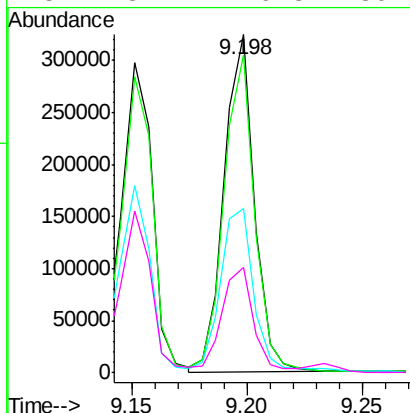
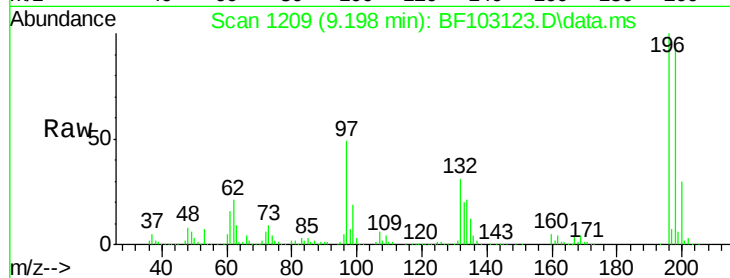




#43
 2,4,5-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.198 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

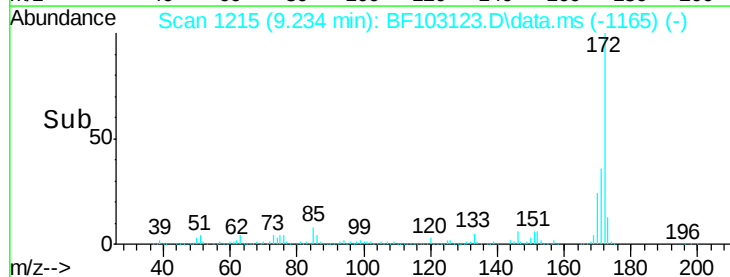
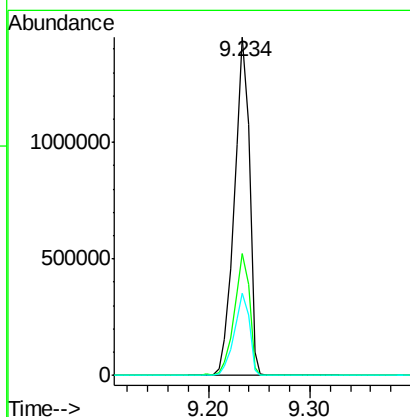
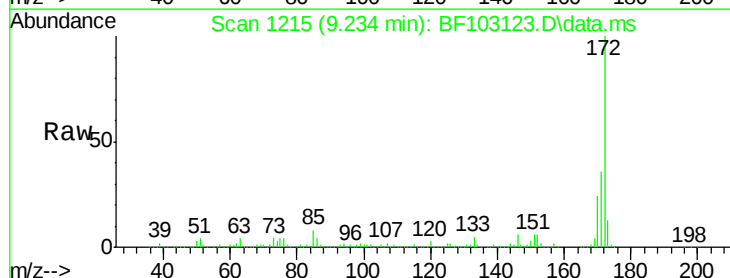
Instrument :
 BNA_F
 ClientSampleId :

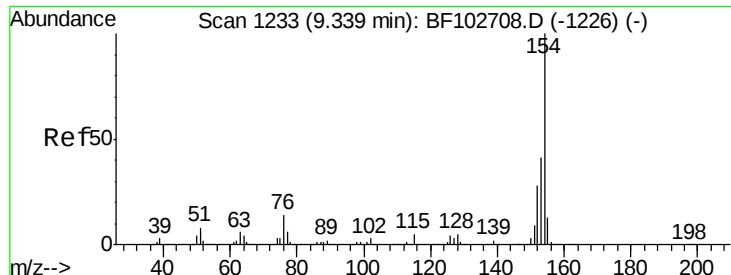
Tot Ion:	196	Resp:	295335
Ion Ratio	Lower	Upper	
196	100		
198	94.0	74.6	112.0
97	48.5	42.9	64.3
132	31.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 71.22 ng
 RT: 9.234 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:	172	Resp:	1509735
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

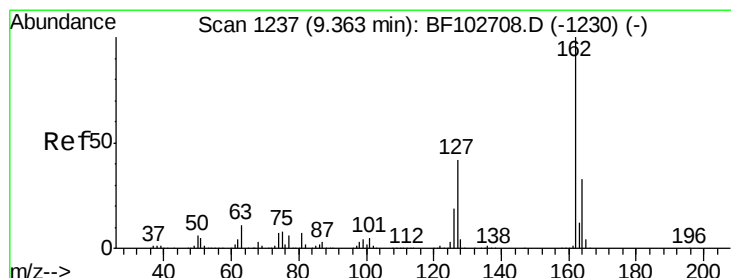
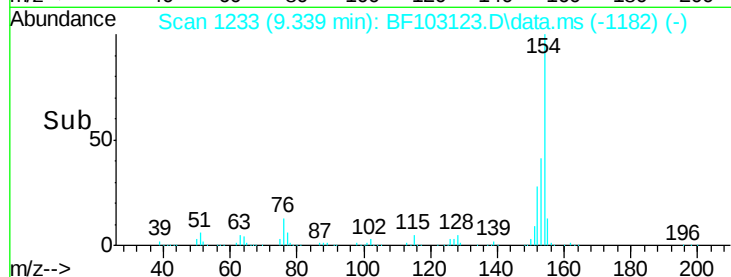
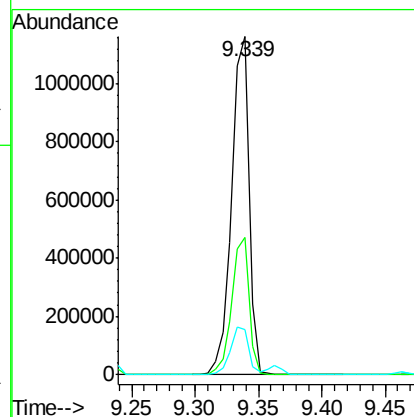
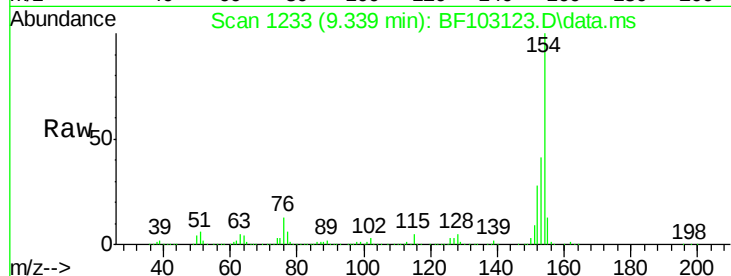




#45
 1,1'-Biphenyl
 Concen: 37.35 ng
 RT: 9.339 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

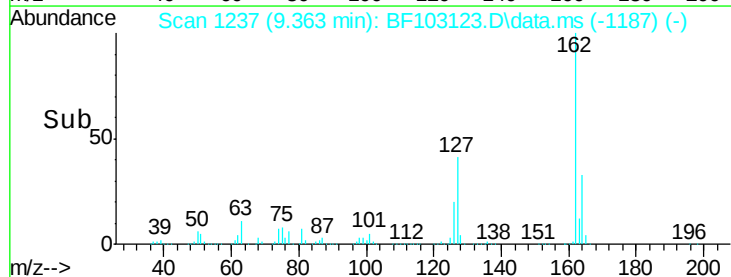
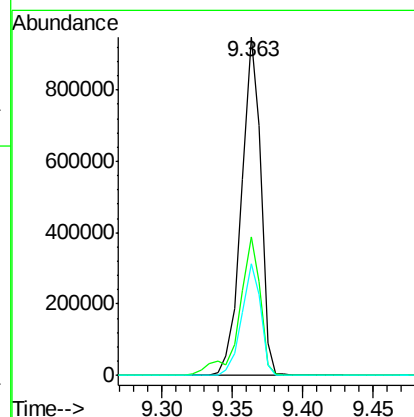
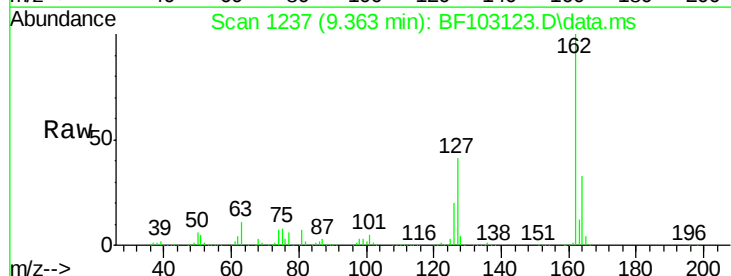
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1106695
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 13.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 38.56 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:162 Resp: 899475
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.9 50.9
 164 33.1 26.5 39.7





#47

2-Nitroaniline

Concen: 47.60 ng

RT: 9.463 min Scan# 12

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

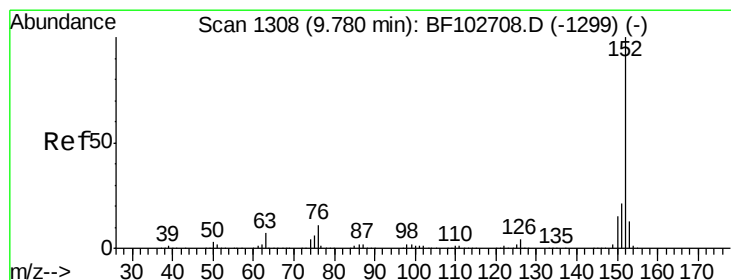
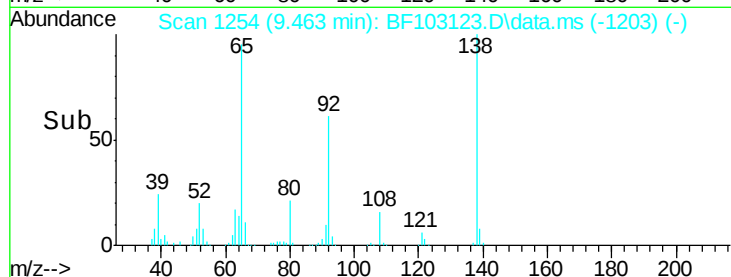
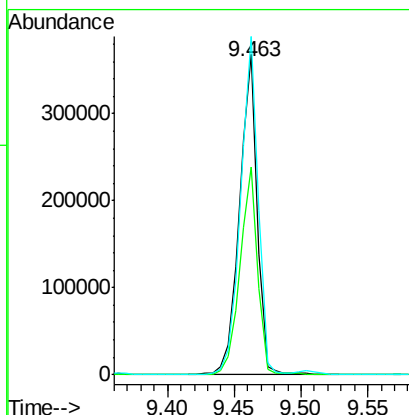
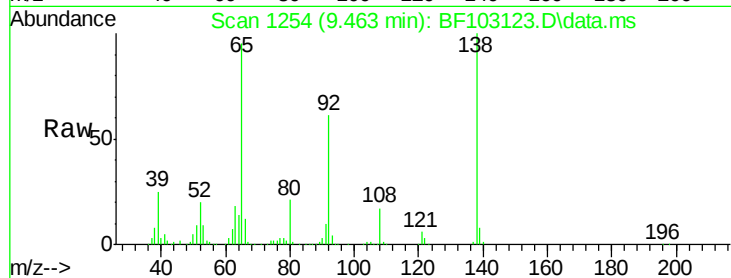
Tot Ion: 65 Resp: 342401

Ion Ratio Lower Upper

65 100

92 64.9 55.8 83.6

138 105.5 91.2 136.8



#48

Acenaphthylene

Concen: 37.15 ng

RT: 9.781 min Scan# 1308

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

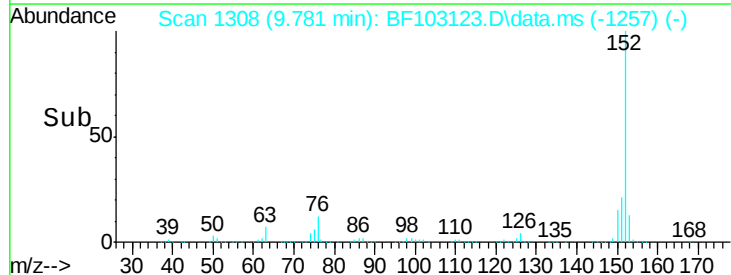
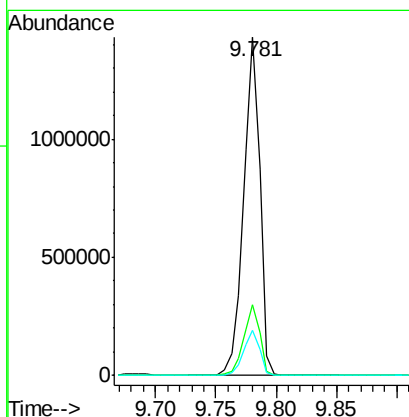
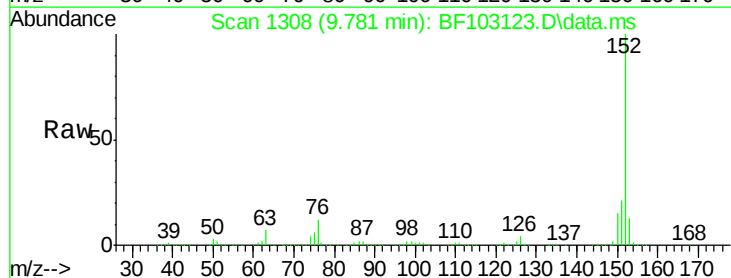
Tgt Ion: 152 Resp: 1345871

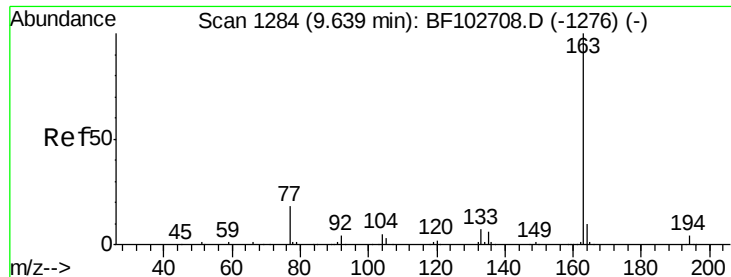
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 44.80 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

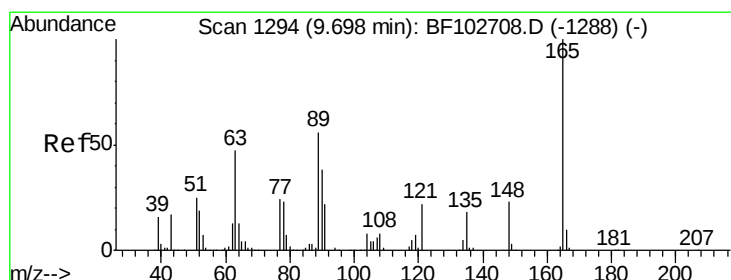
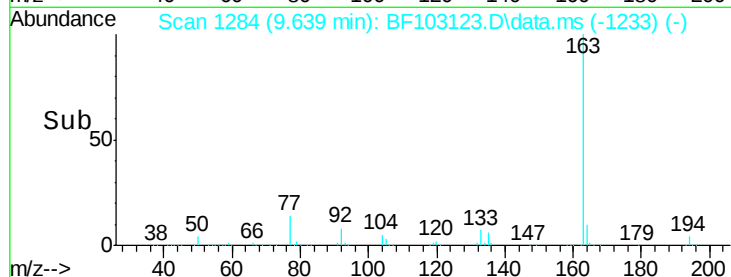
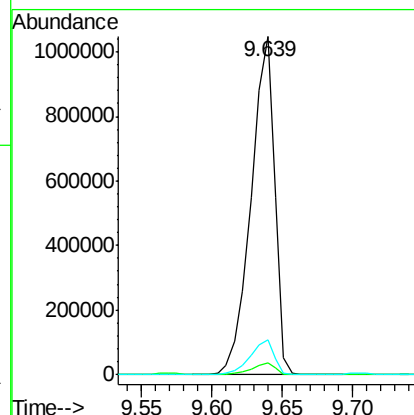
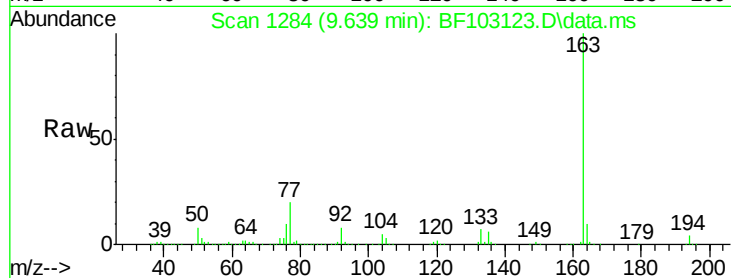
Tot Ion:163 Resp: 1228908

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.1 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 46.81 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

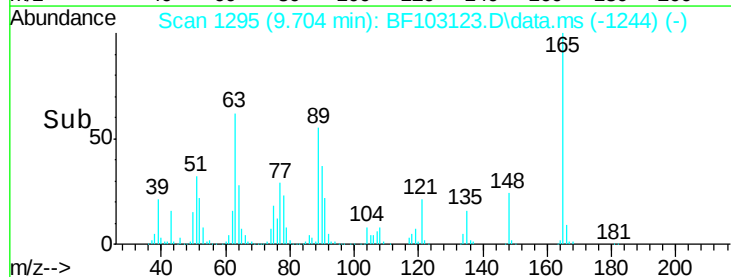
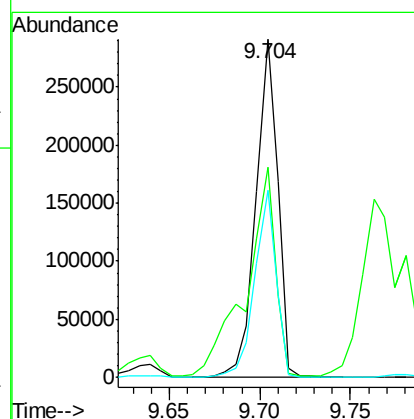
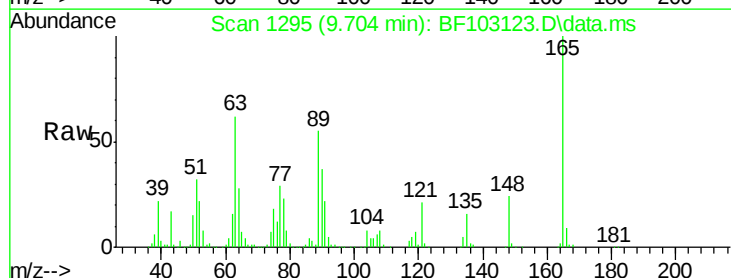
Tgt Ion:165 Resp: 244269

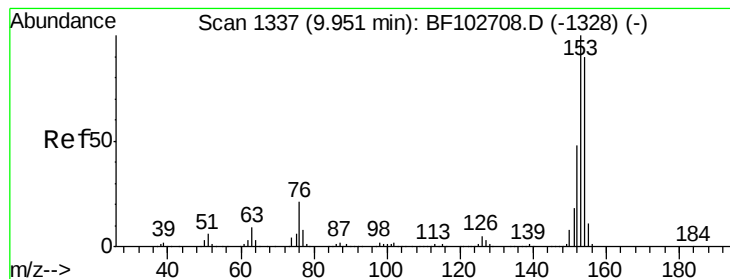
Ion Ratio Lower Upper

165 100

63 62.2 44.7 67.1

89 55.5 44.0 66.0





#51

Acenaphthene

Concen: 35.64 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

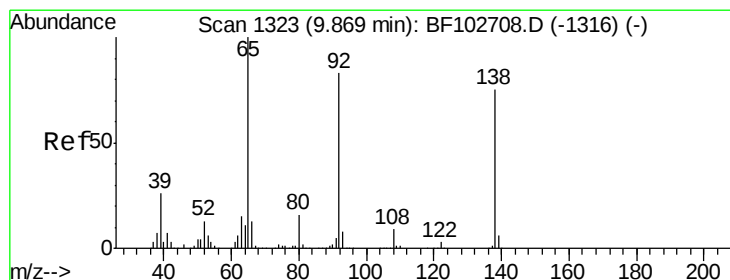
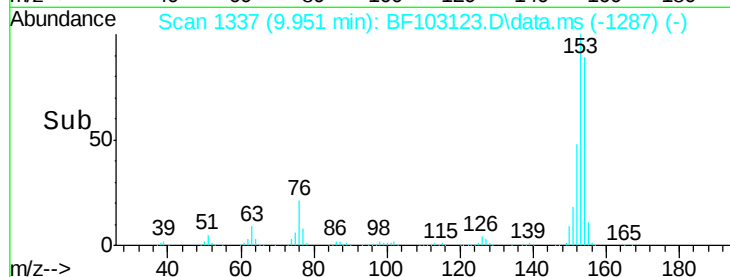
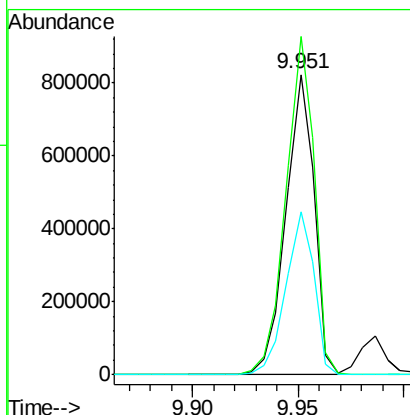
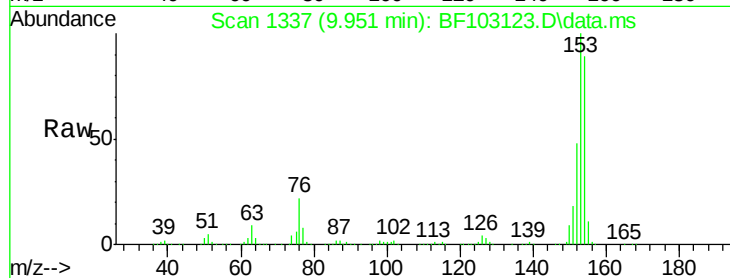
Tot Ion:154 Resp: 772248

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

152 54.1 43.8 65.8



#52

3-Nitroaniline

Concen: 33.66 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

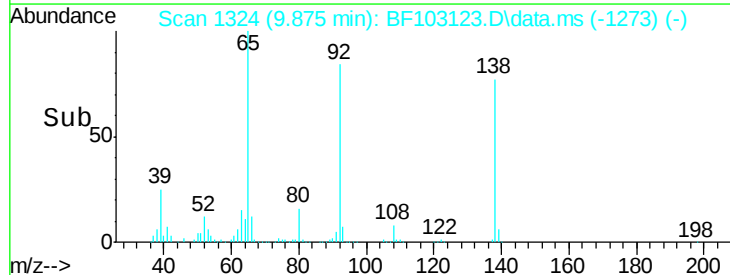
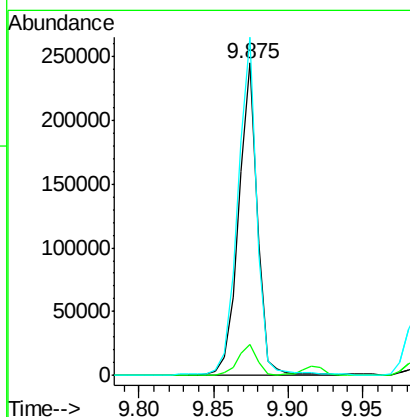
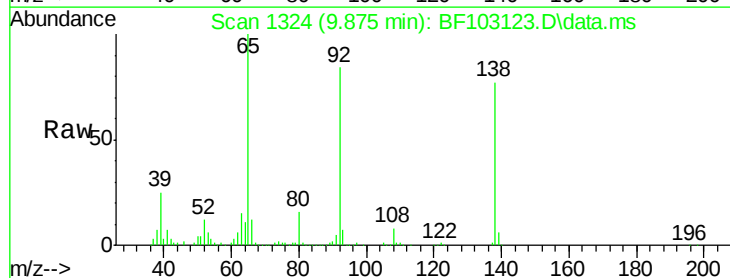
Tgt Ion:138 Resp: 216133

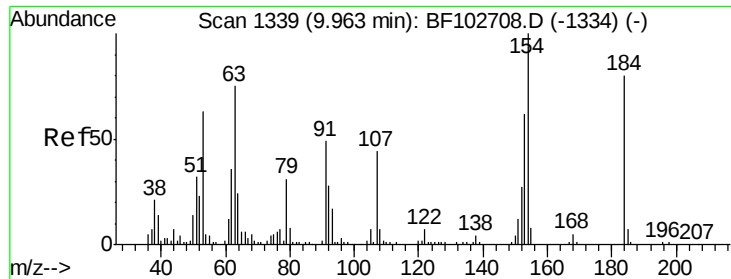
Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

92 108.4 89.4 134.2

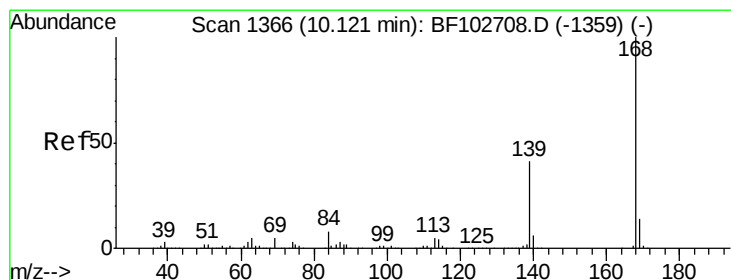
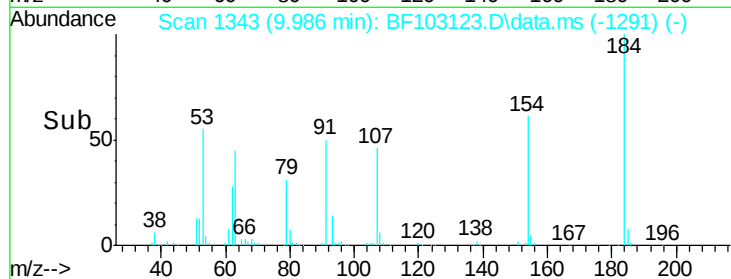
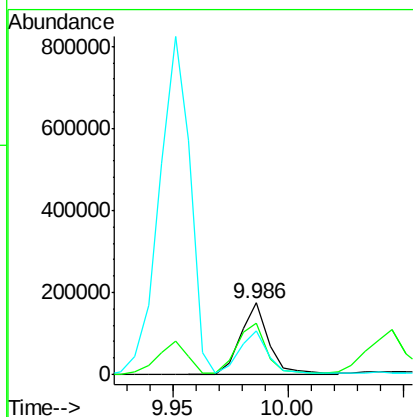
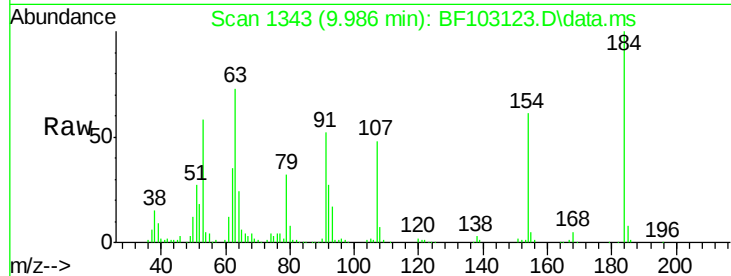




#53
 2,4-Dinitrophenol
 Concen: 82.89 ng
 RT: 9.986 min Scan# 1339
 Delta R.T. 0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

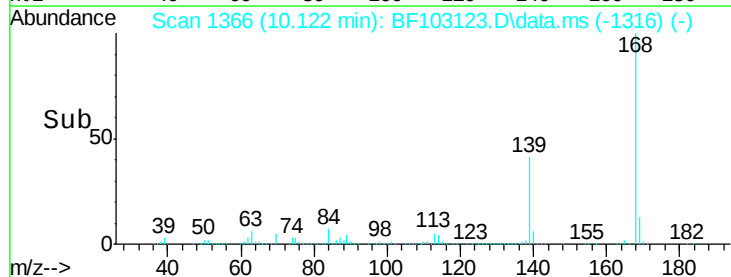
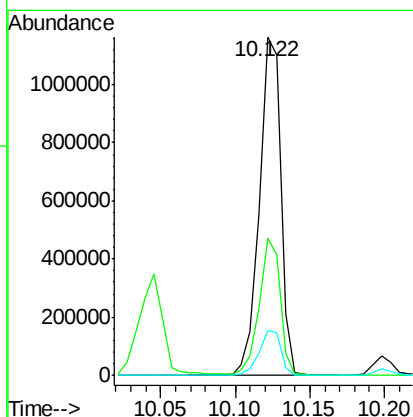
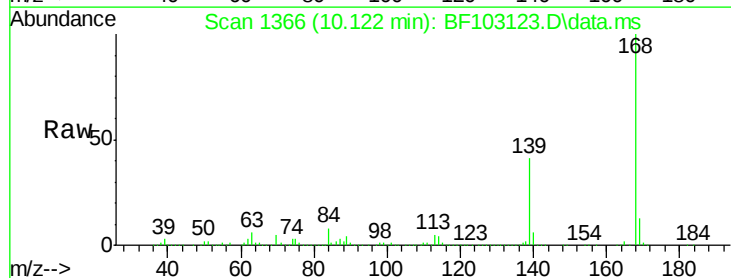
Instrument :
 BNA_F
 ClientSampled :

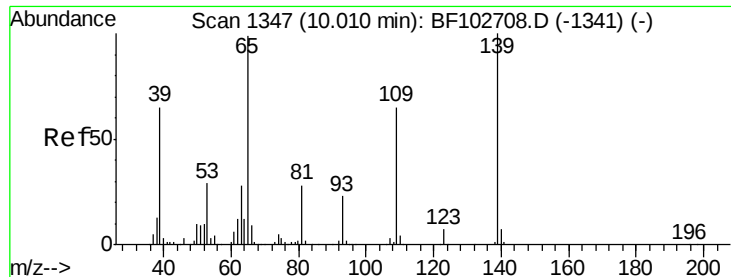
Tot Ion:184 Resp: 149226
 Ion Ratio Lower Upper
 184 100
 63 72.9 54.2 81.2
 154 61.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.49 ng
 RT: 10.122 min Scan# 1366
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:168 Resp: 1144782
 Ion Ratio Lower Upper
 168 100
 139 40.6 30.1 45.1
 169 13.5 10.9 16.3

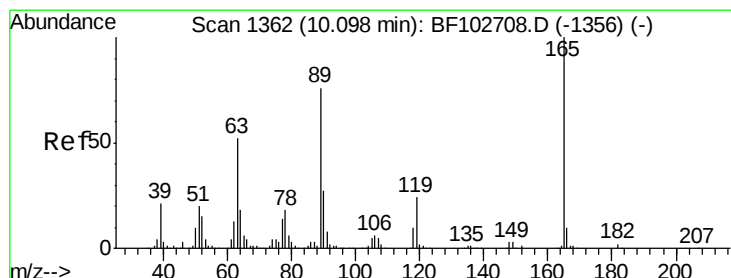
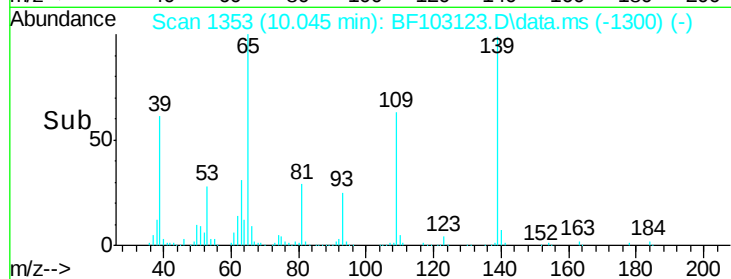
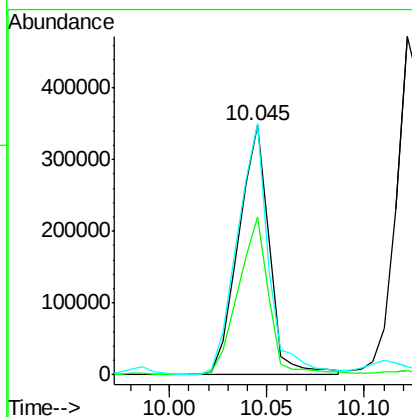
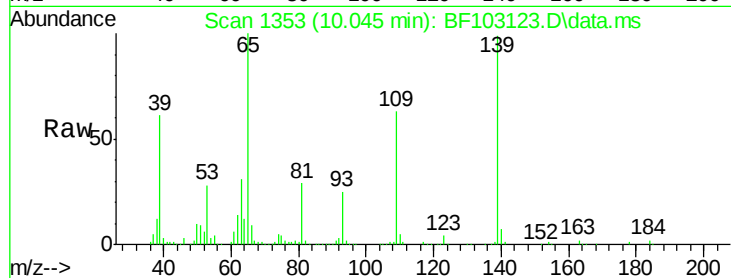




#55
4-Nitrophenol
Concen: 72.25 ng
RT: 10.045 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

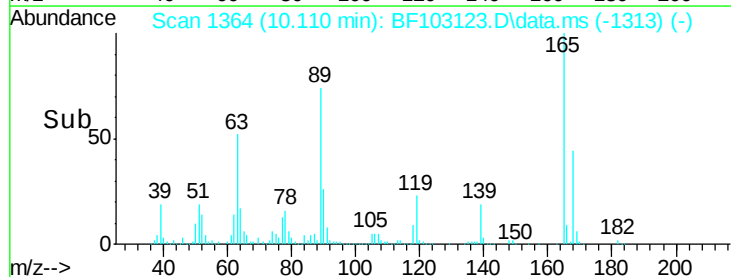
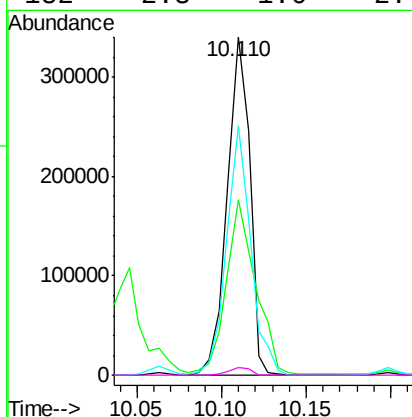
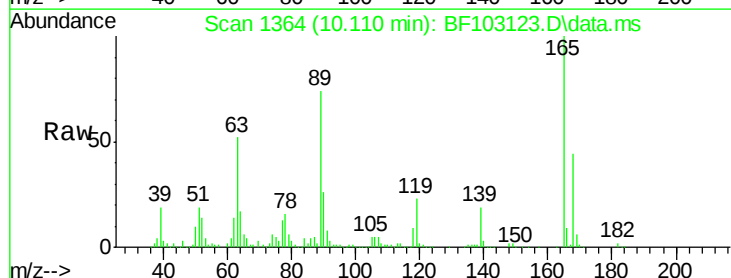
Instrument :
BNA_F
ClientSampleId :

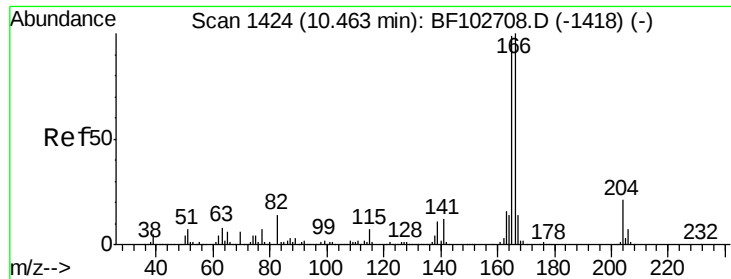
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.3	48.4	88.4
65	100.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 45.18 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	36.4	54.6
89	73.9	57.8	86.6
182	2.3	1.6	2.4

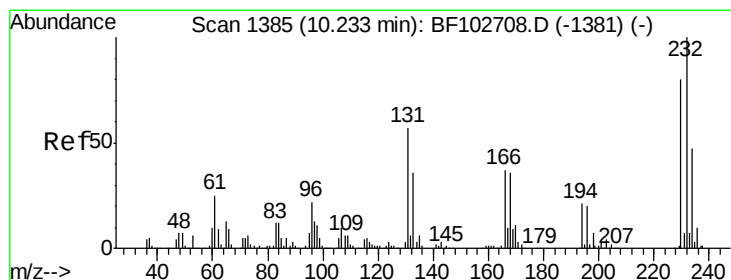
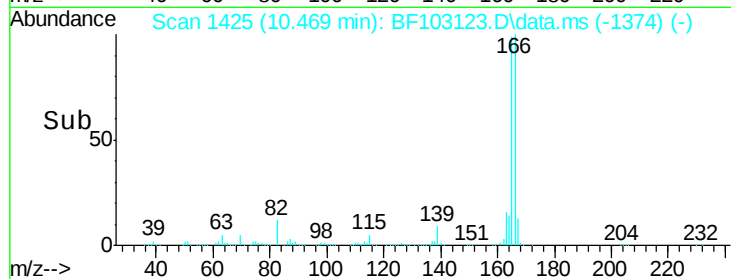
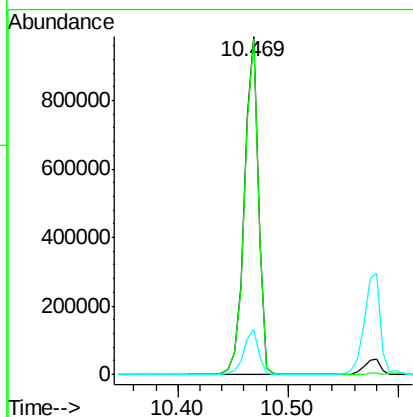
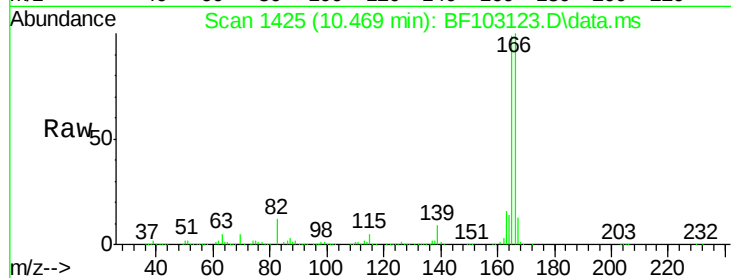




#57
Fluorene
 Concen: 39.65 ng
 RT: 10.469 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

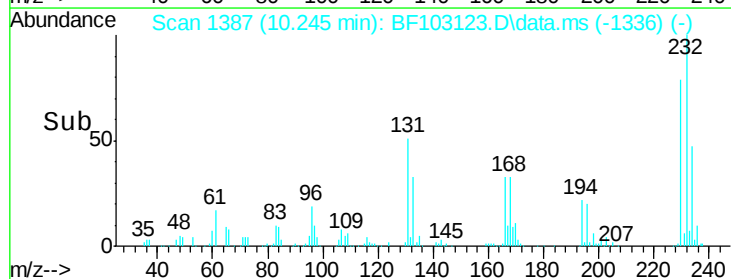
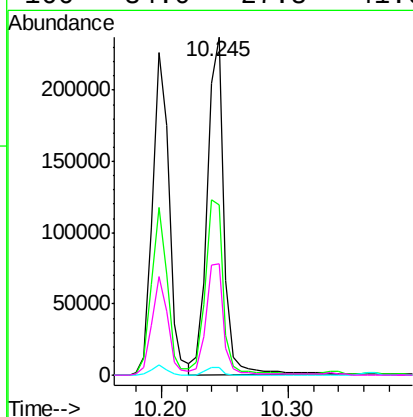
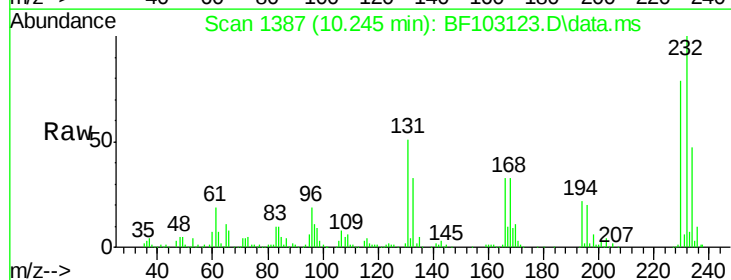
Instrument :
 BNA_F
 ClientSampleId :

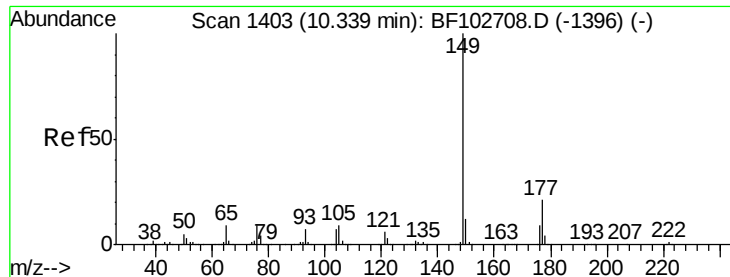
Tot Ion:166 Resp: 880849
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.72 ng
 RT: 10.245 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:232 Resp: 219791
 Ion Ratio Lower Upper
 232 100
 131 55.1 43.8 65.8
 130 2.5 2.1 3.1
 166 34.0 27.8 41.6

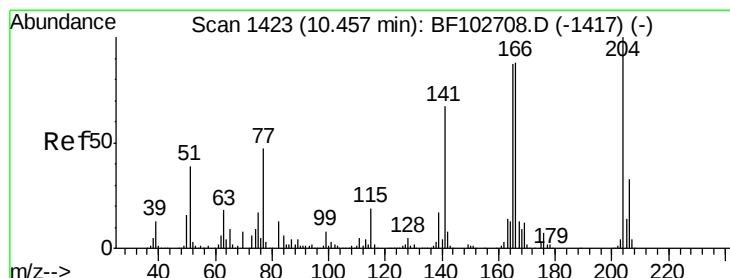
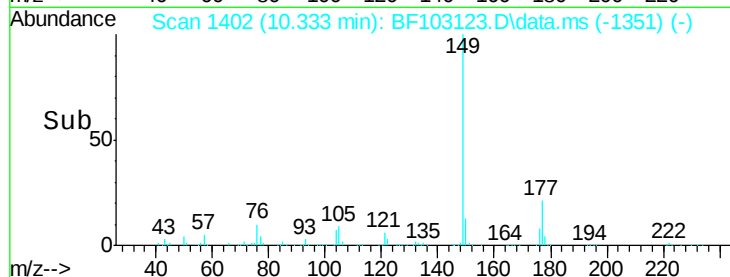
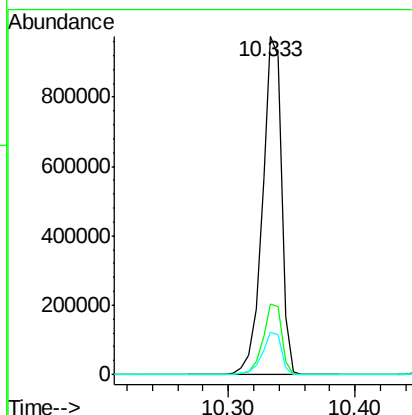
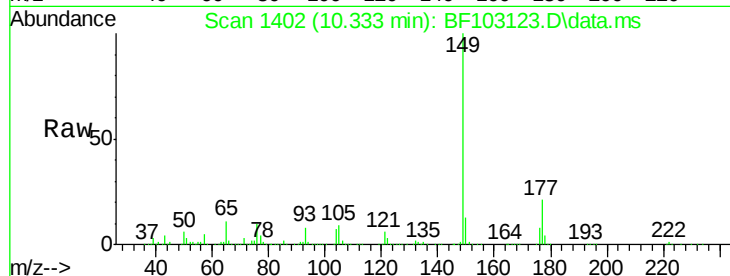




#59
Diethylphthalate
Concen: 37.90 ng
RT: 10.333 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

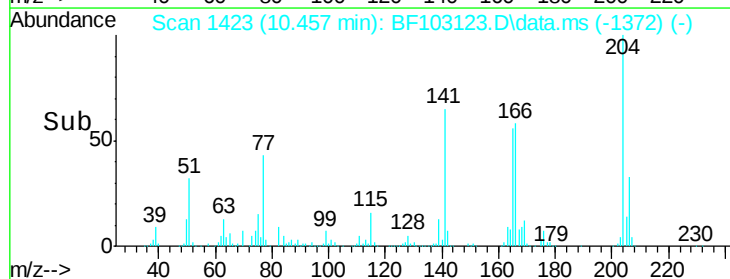
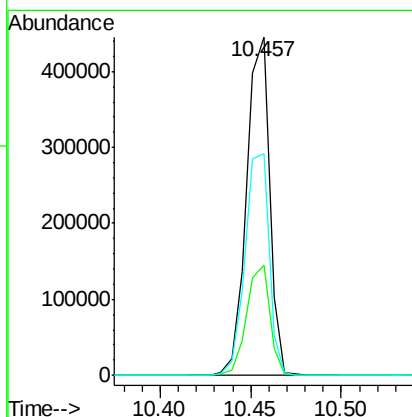
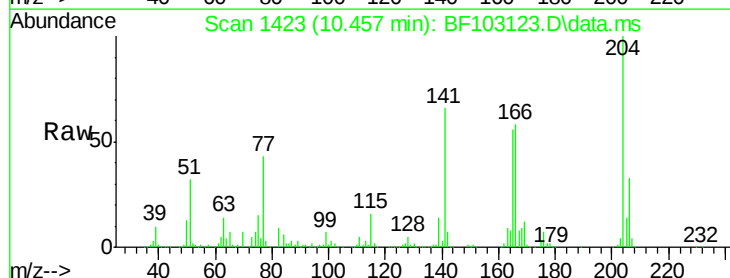
Instrument :
BNA_F
ClientSampleId :

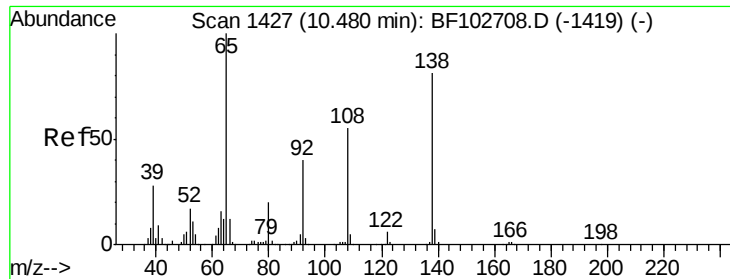
Tot Ion:149 Resp: 1026454
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.09 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion:204 Resp: 393939
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 65.5 54.6 81.8

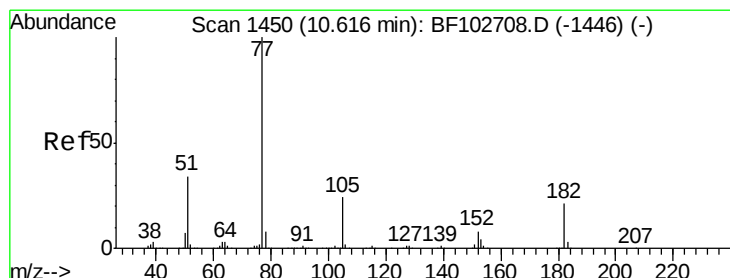
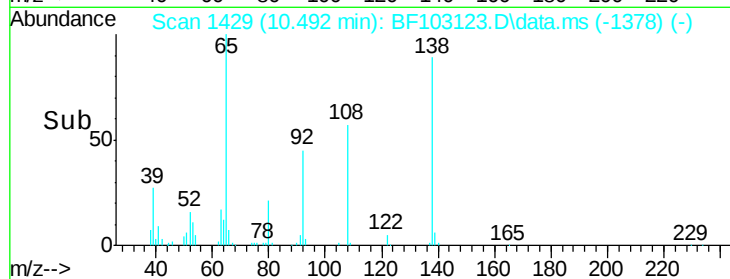
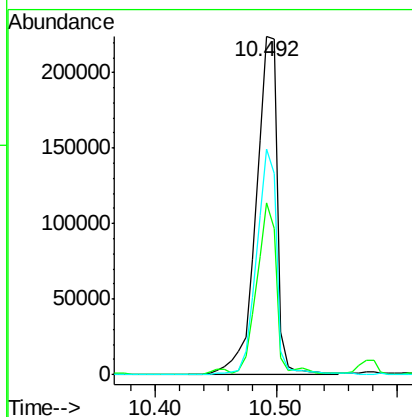
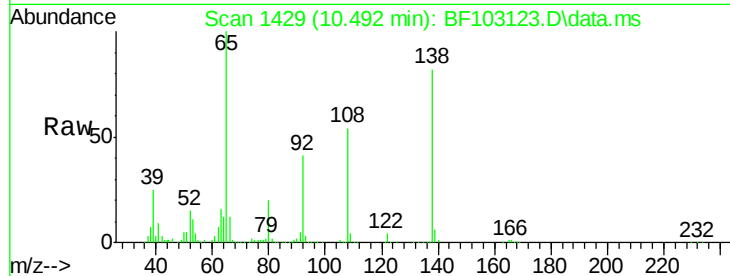




#61
 4-Nitroaniline
 Concen: 45.21 ng
 RT: 10.492 min Scan# 1429
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

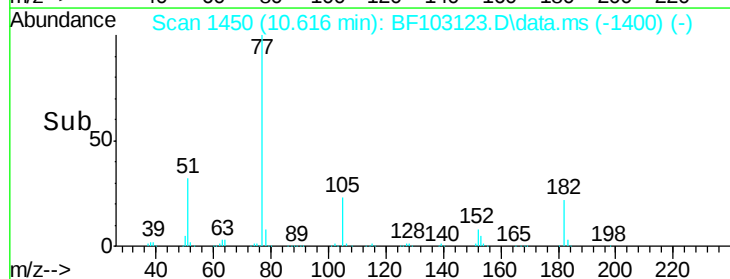
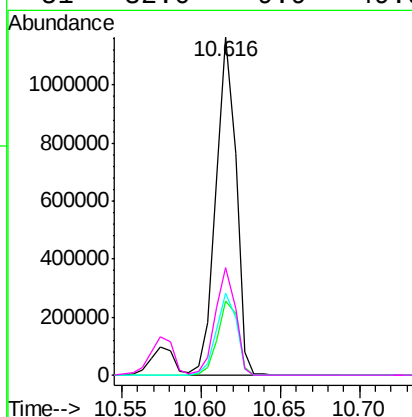
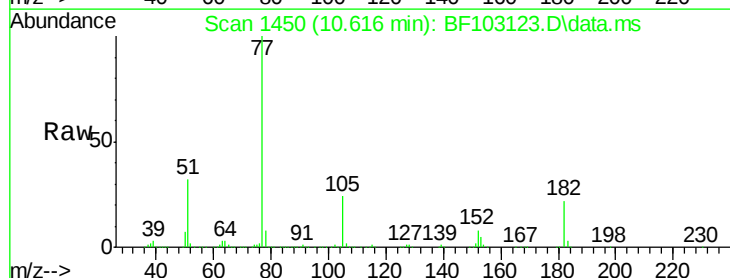
Instrument :
 BNA_F
 ClientSampleId :

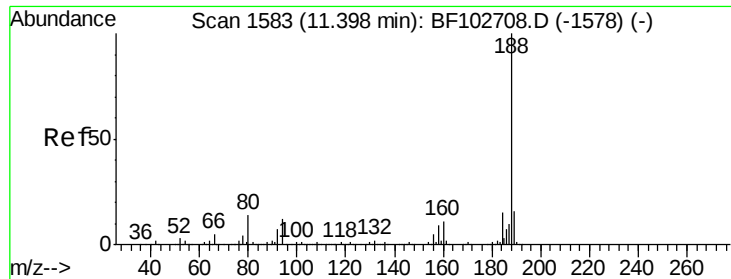
Tot Ion:138 Resp: 276334
 Ion Ratio Lower Upper
 138 100
 92 50.6 30.2 70.2
 108 66.7 52.5 92.5



#62
 Azobenzene
 Concen: 37.94 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion: 77 Resp: 1026621
 Ion Ratio Lower Upper
 77 100
 182 22.1 1.7 41.7
 105 24.1 3.0 43.0
 51 32.0 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: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

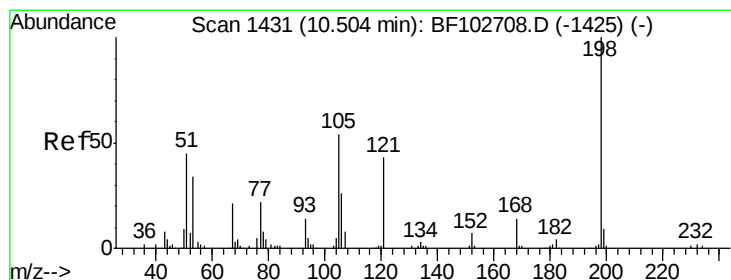
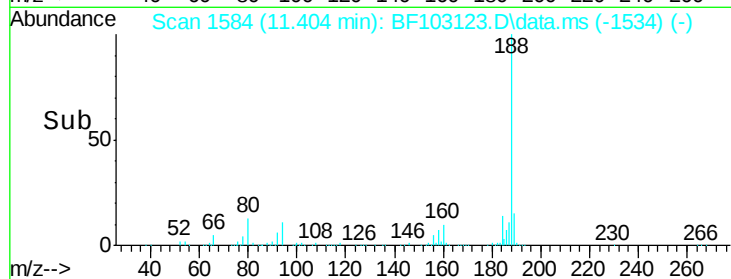
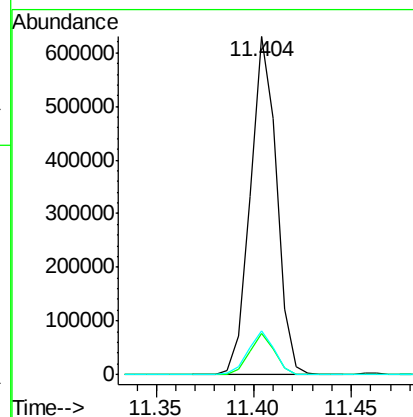
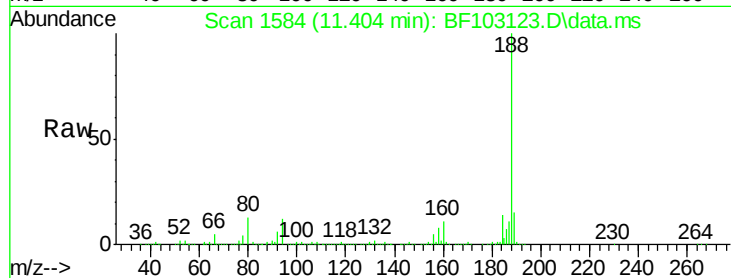
Tot Ion:188 Resp: 586808

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

80 12.9 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 52.80 ng

RT: 10.522 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

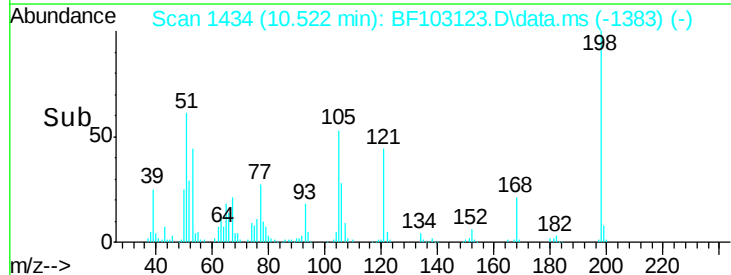
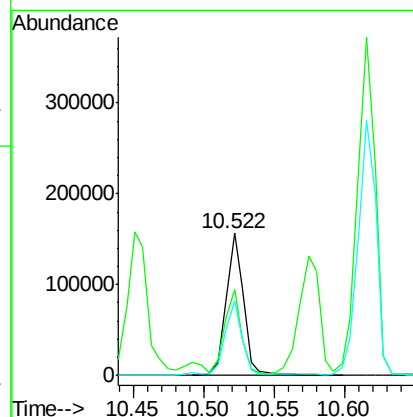
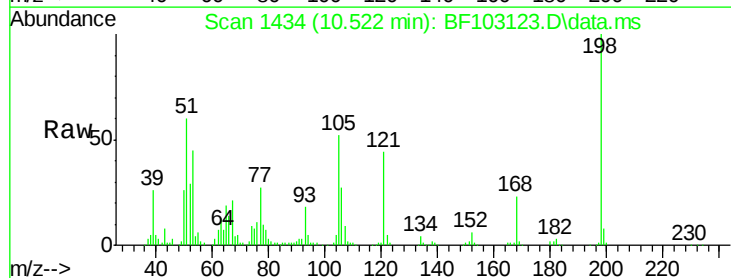
Tgt Ion:198 Resp: 133474

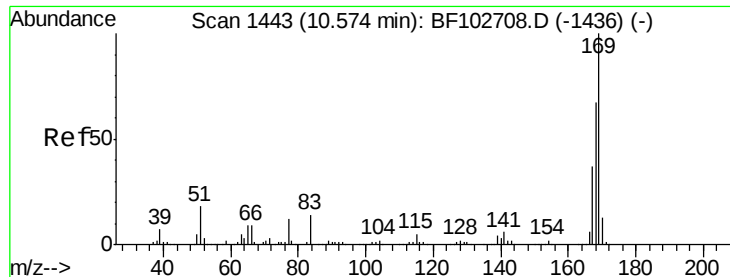
Ion Ratio Lower Upper

198 100

51 60.3 37.7 77.7

105 52.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.45 ng

RT: 10.581 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

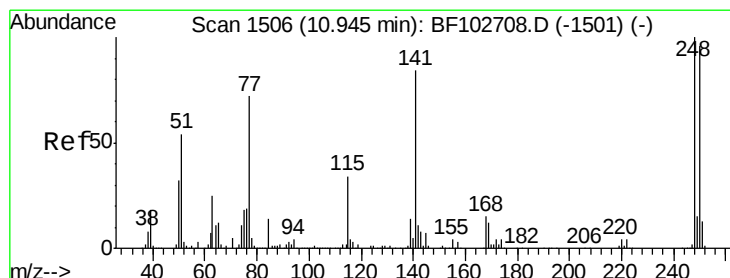
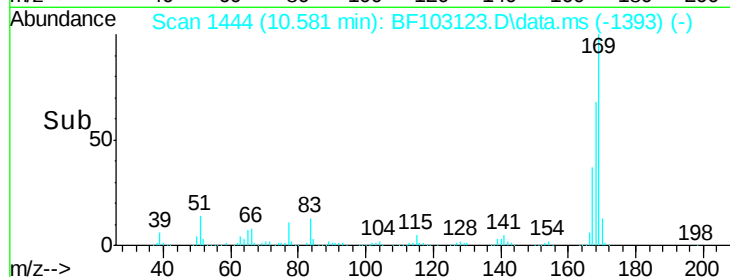
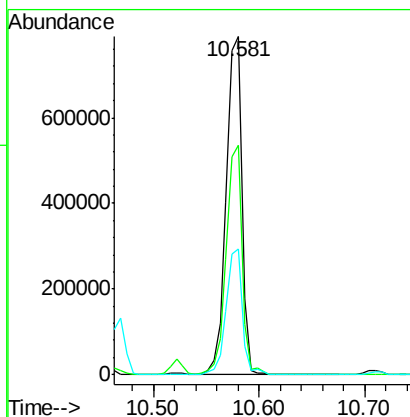
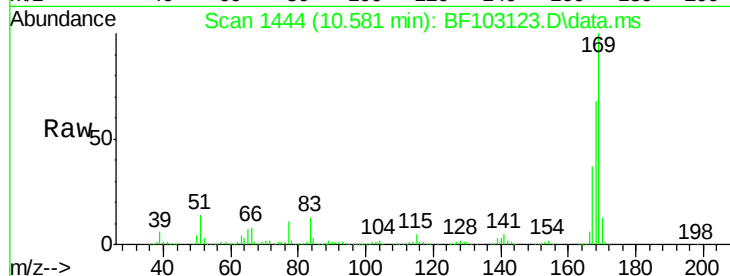
Tot Ion:169 Resp: 816457

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

167 37.2 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 40.14 ng

RT: 10.945 min Scan# 1506

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

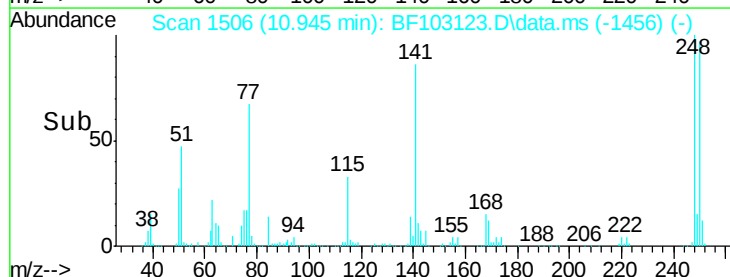
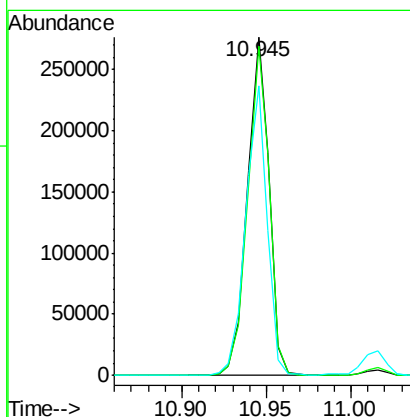
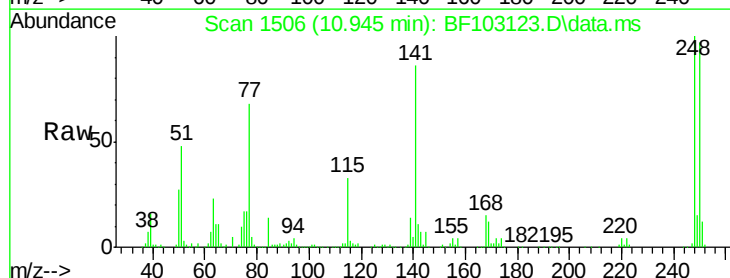
Tgt Ion:248 Resp: 249155

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

141 85.8 74.4 111.6

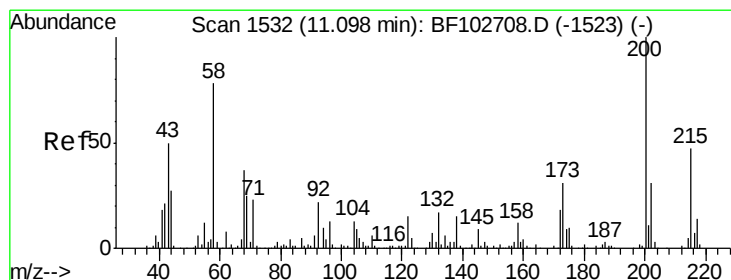
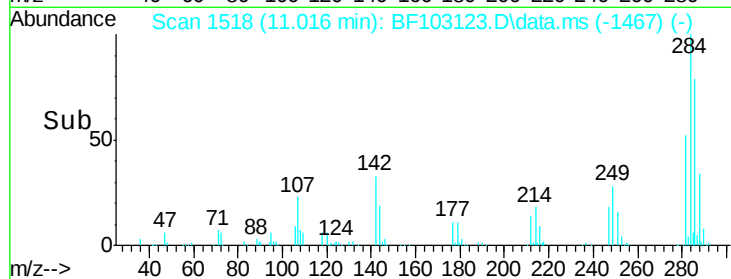
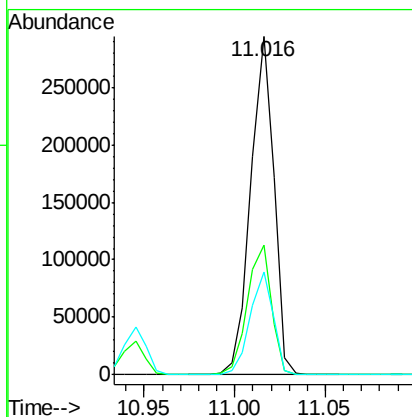
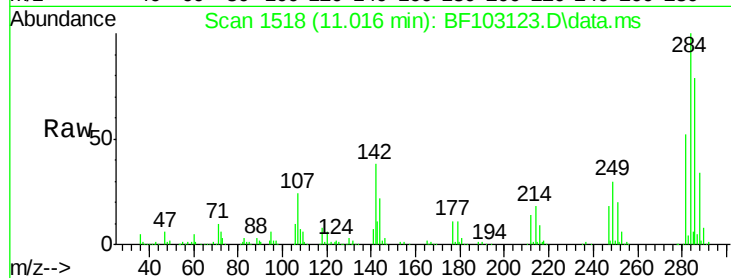




#67
Hexachlorobenzene
Concen: 38.33 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

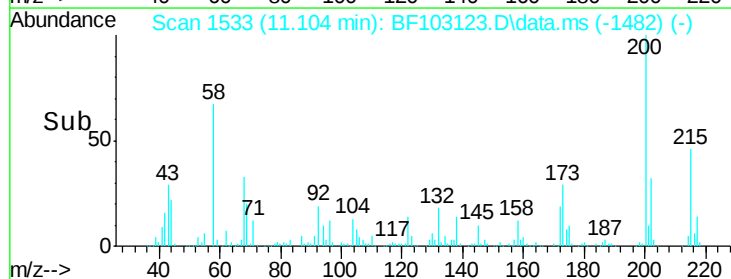
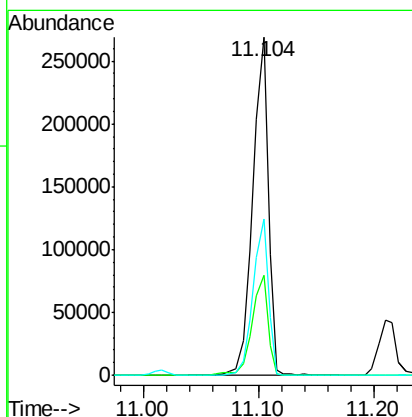
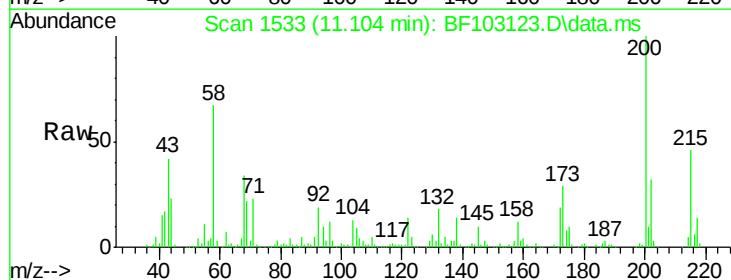
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.3	34.6	52.0
249	30.5	24.8	37.2



#68
Atrazine
Concen: 41.21 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	46.2	25.1	65.1





#69

Pentachlorophenol

Concen: 62.23 ng

RT: 11.216 min Scan# 15

Delta R.T. 0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

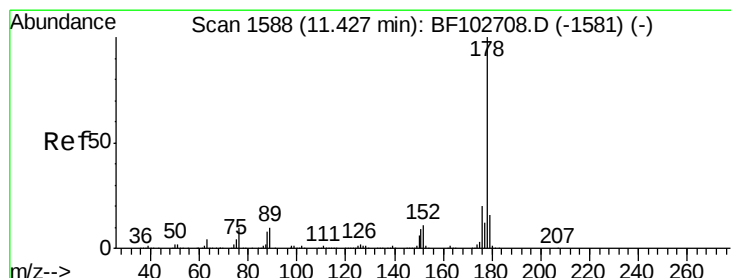
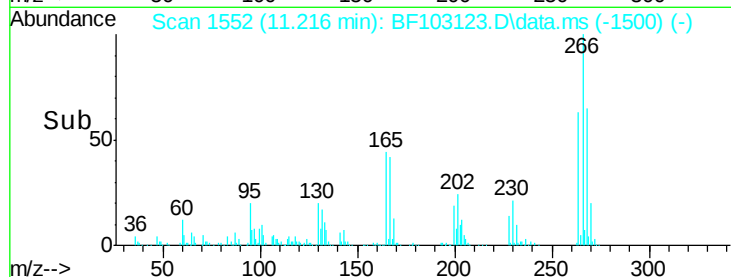
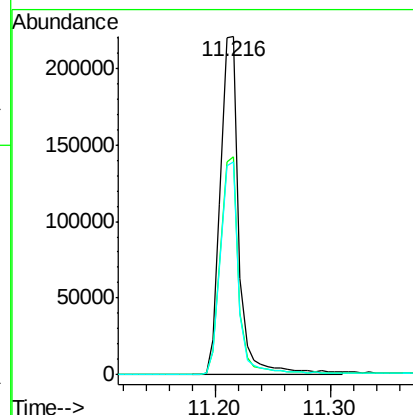
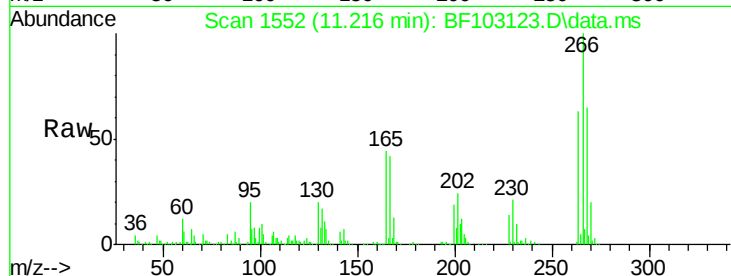
Tot Ion:266 Resp: 250160

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

264 62.9 49.5 74.3



#70

Phenanthrene

Concen: 37.62 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

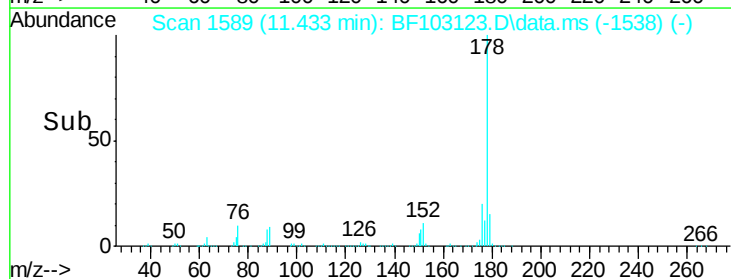
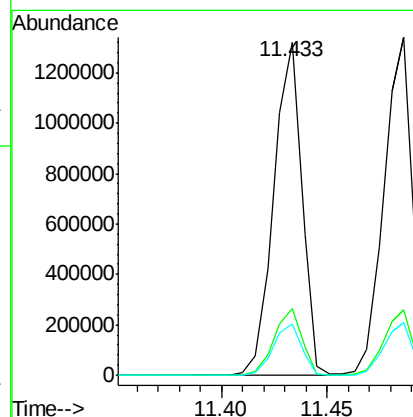
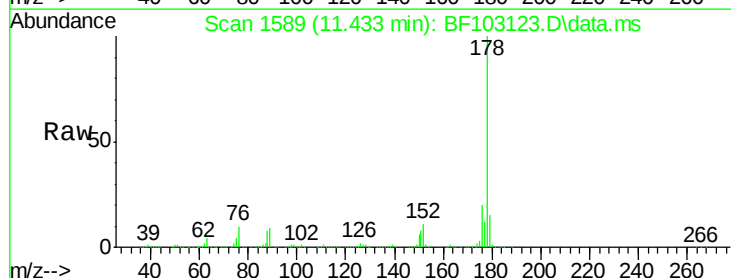
Tgt Ion:178 Resp: 1229531

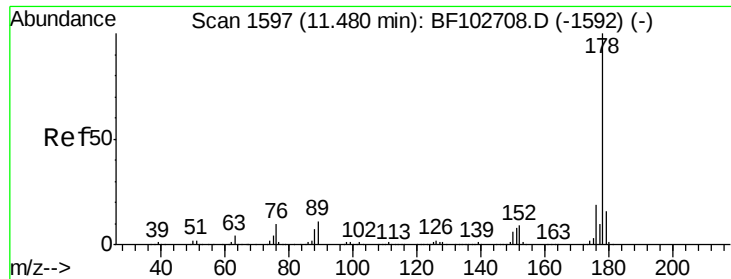
Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 15.5 13.0 19.6

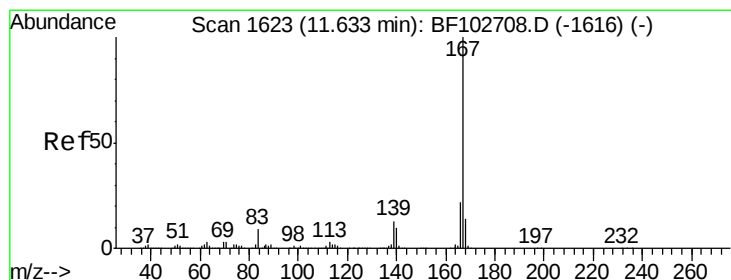
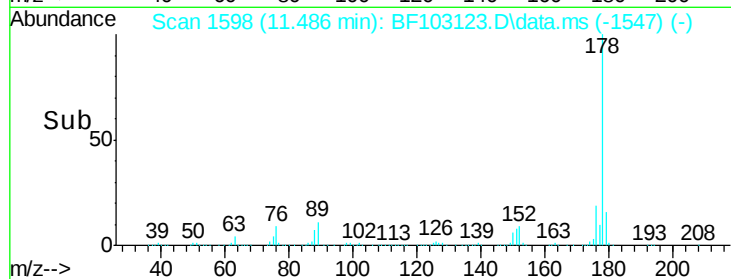
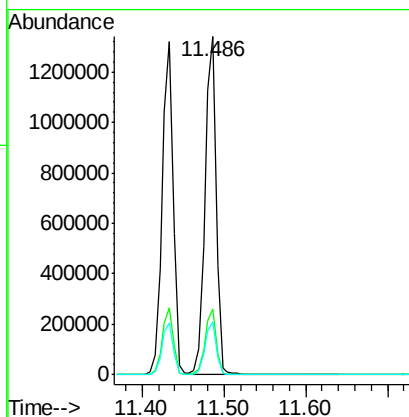
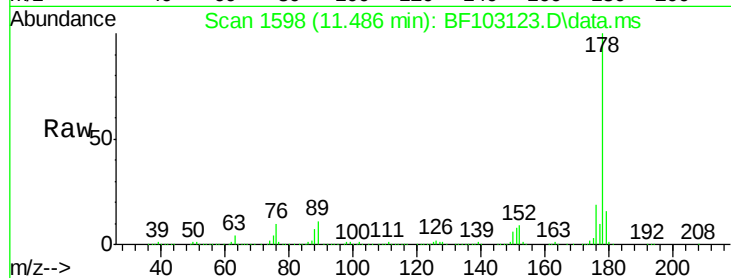




#71
 Anthracene
 Concen: 38.08 ng
 RT: 11.486 min Scan# 1597
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

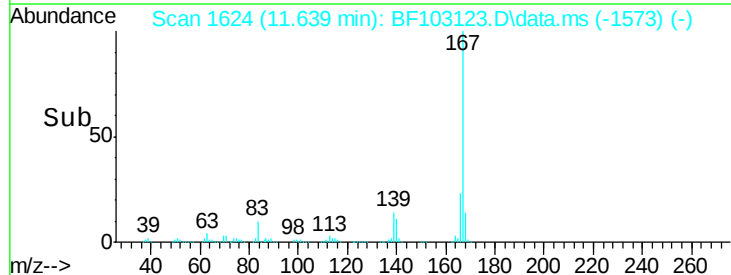
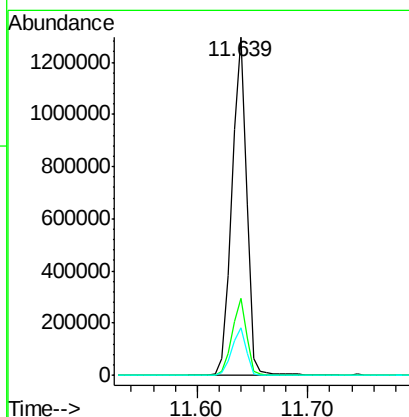
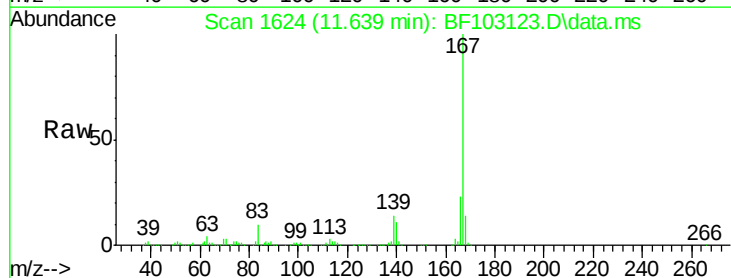
Instrument :
 BNA_F
 ClientSampleId :

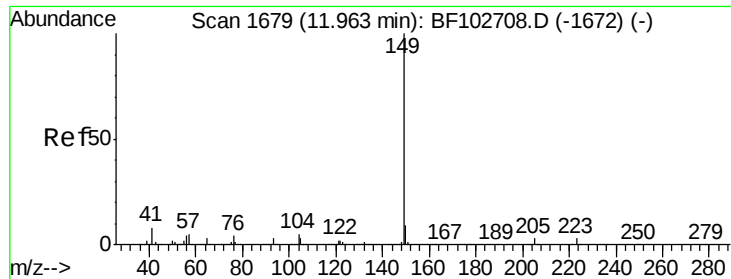
Tot Ion:178 Resp: 1265864
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 37.61 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.000 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:167 Resp: 1224654
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.1 10.9 16.3

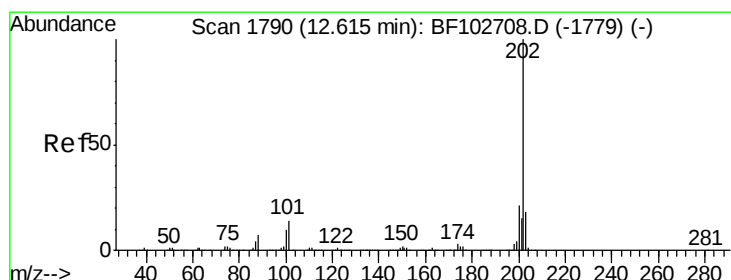
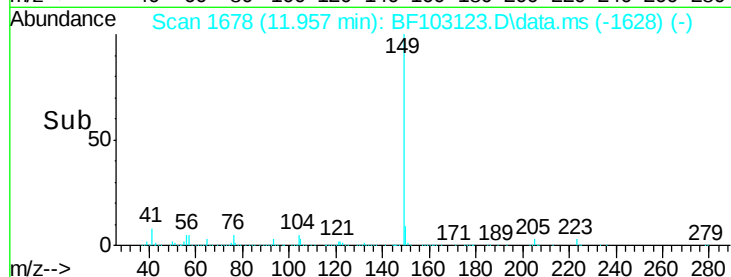
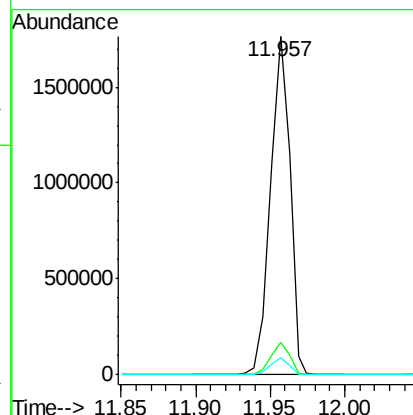
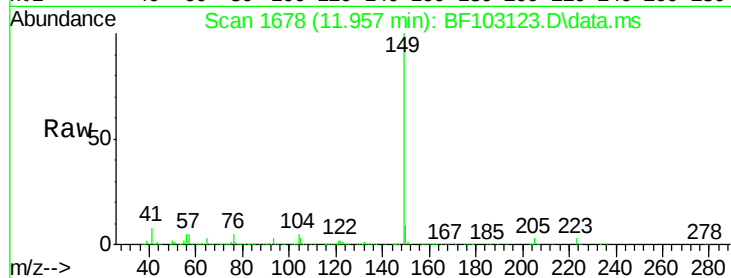




#73
Di-n-butylphthalate
Concen: 39.93 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

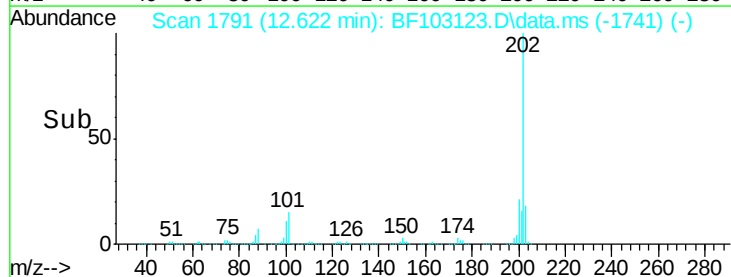
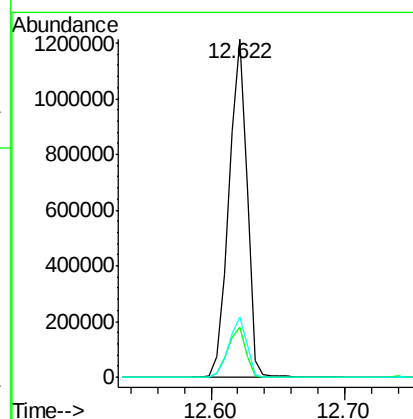
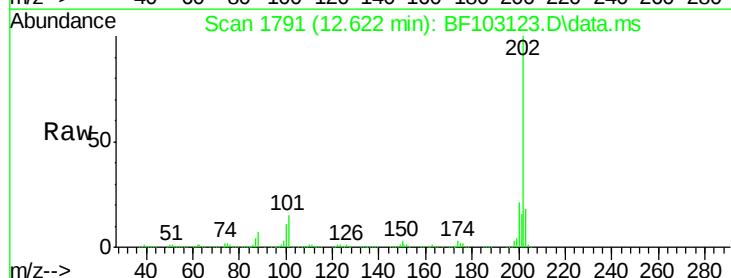
Instrument :
BNA_F
ClientSampleId :

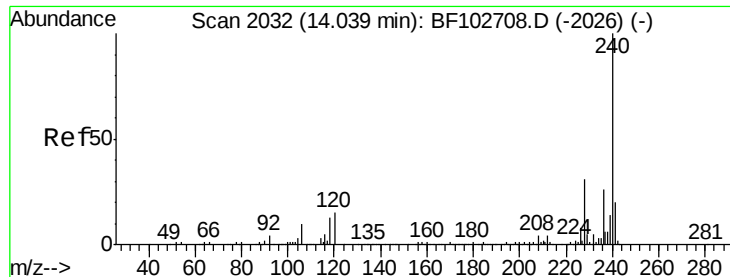
Tot Ion:149 Resp: 1579658
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 35.44 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion:202 Resp: 1165423
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.1
203 17.7 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: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

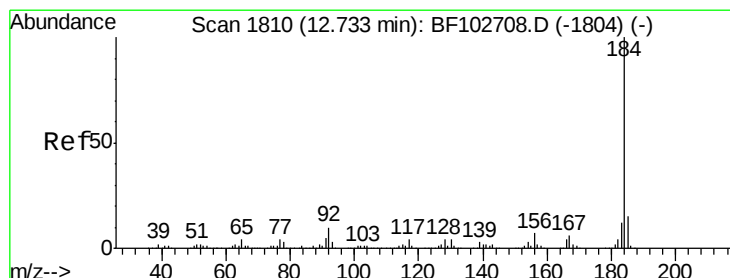
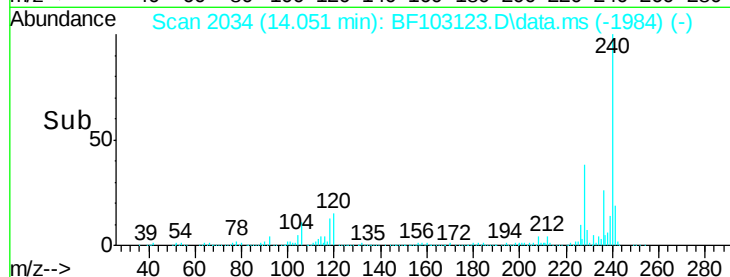
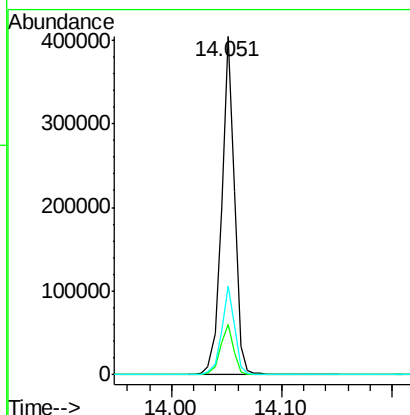
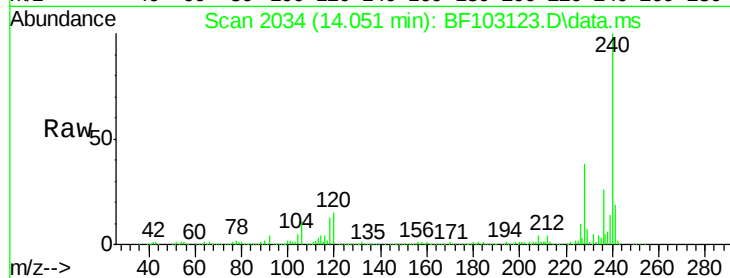
Tot Ion:240 Resp: 327986

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

236 26.1 20.7 31.1



#76

Benzidine

Concen: 24.49 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

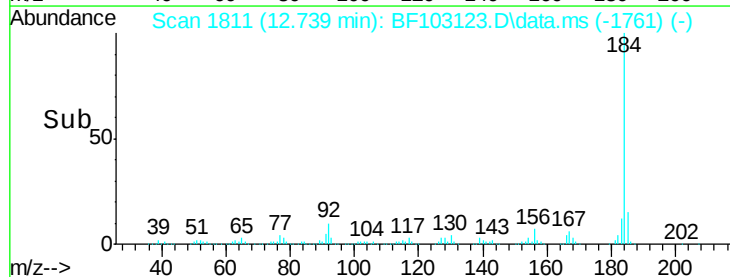
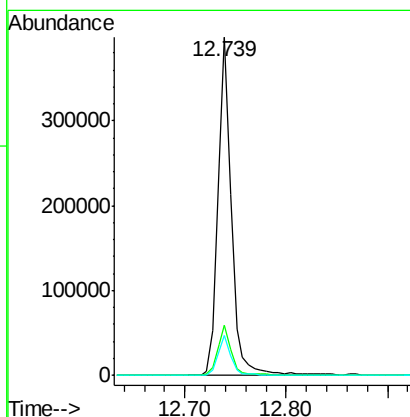
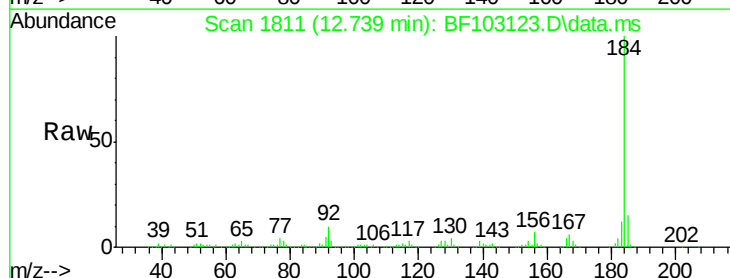
Tgt Ion:184 Resp: 369130

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

183 11.8 9.3 13.9





#77

Pvrene

Concen: 45.18 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampled :

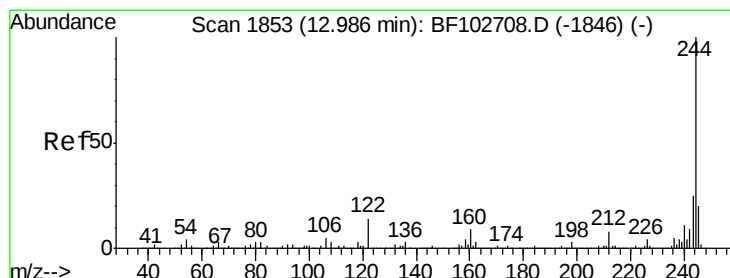
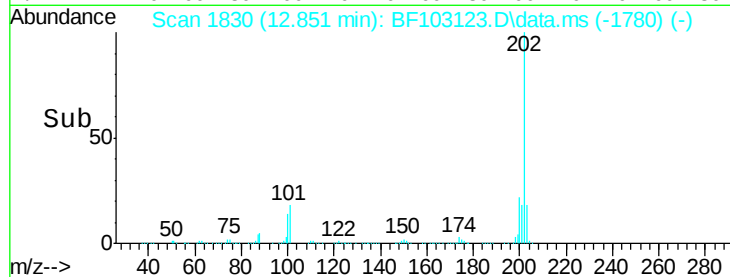
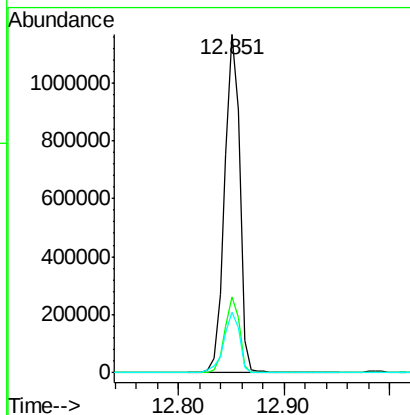
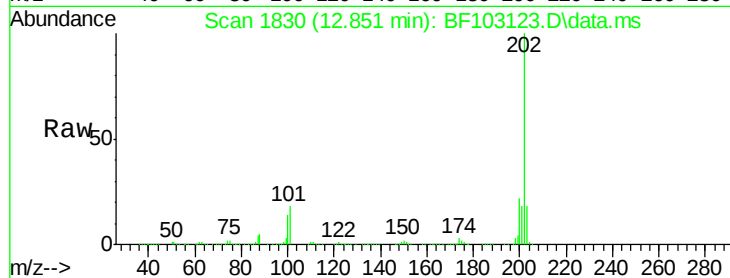
Tot Ion:202 Resp: 1162014

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

203 17.9 14.3 21.5



#78

Terphenyl-d14

Concen: 92.21 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

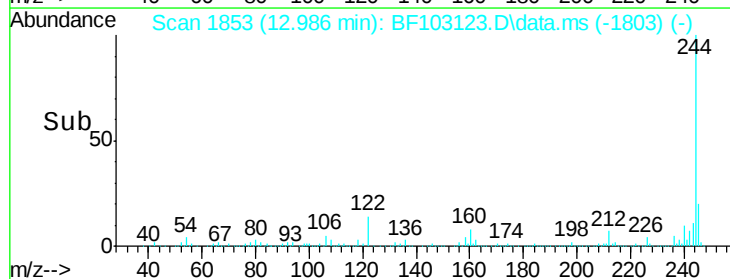
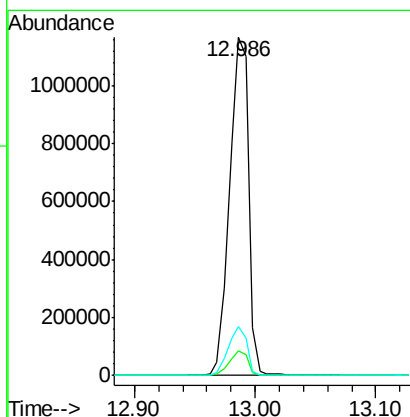
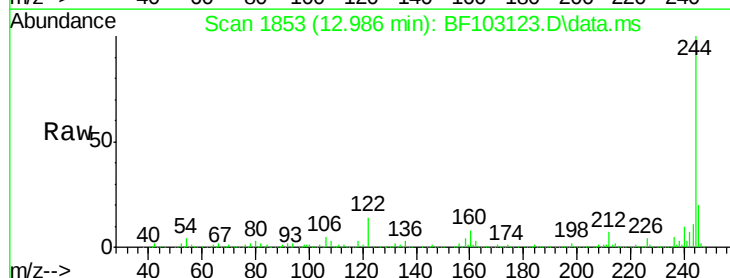
Tgt Ion:244 Resp: 1277337

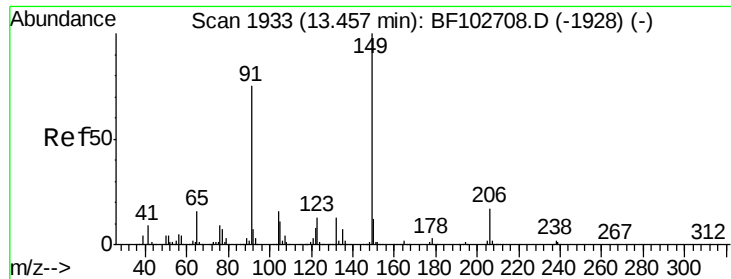
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 14.4 11.0 16.4

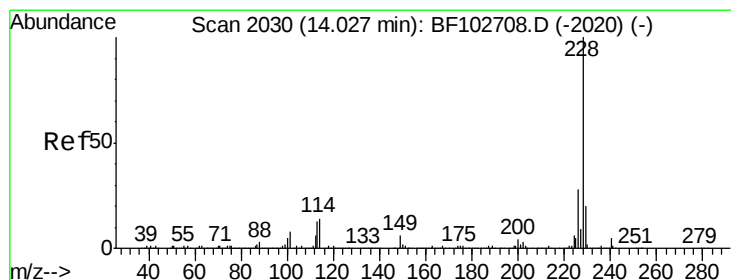
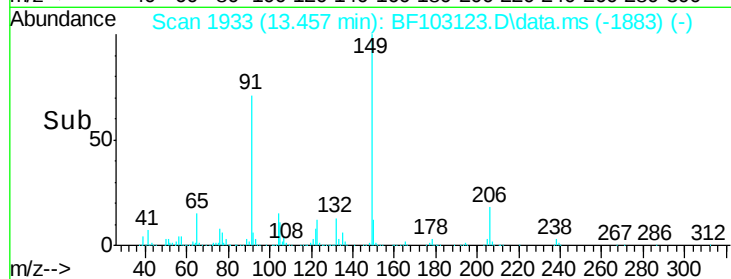
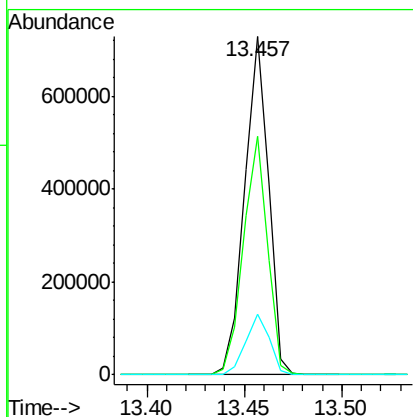
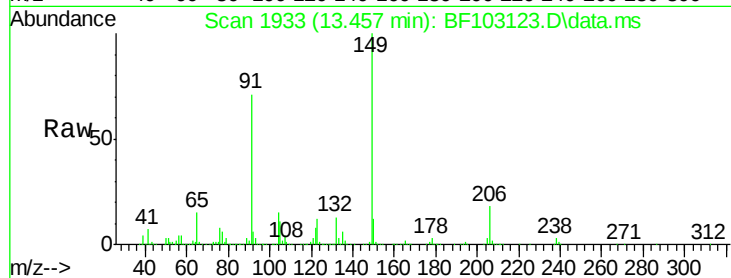




#79
Butylbenzylphthalate
Concen: 50.31 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

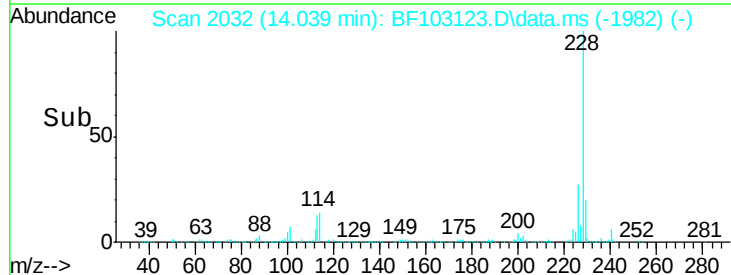
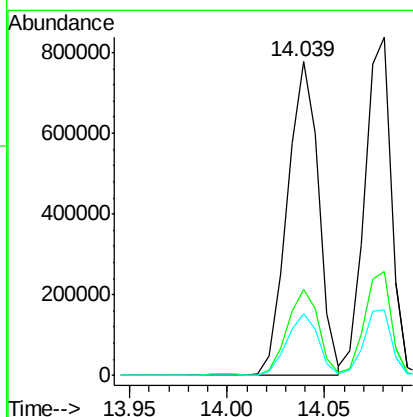
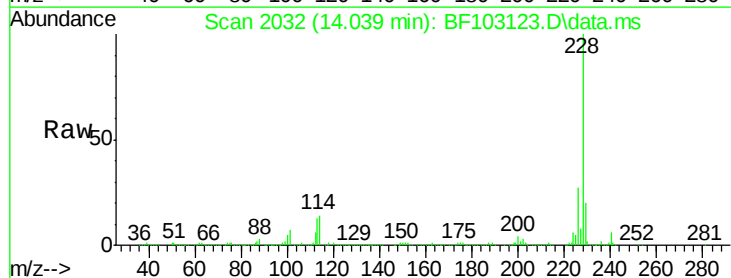
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	17.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.70 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.8	15.8	23.6

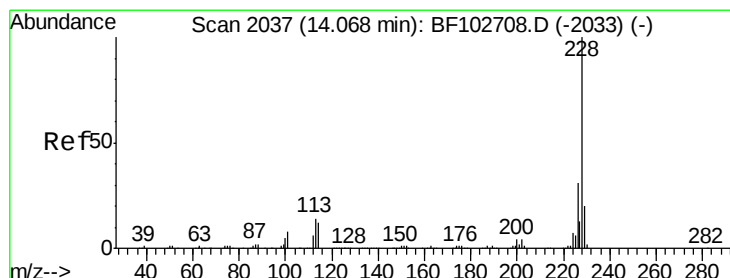
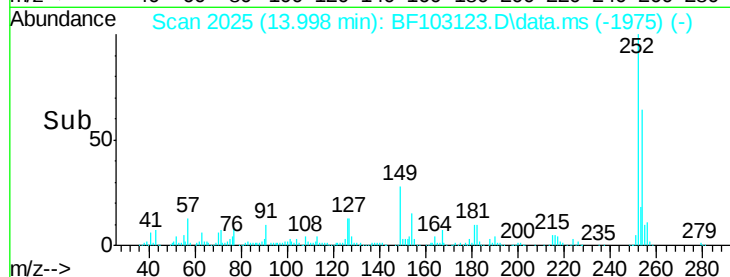
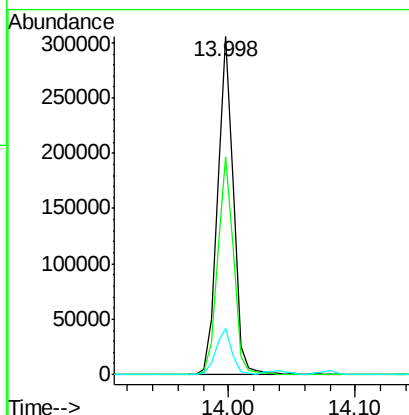
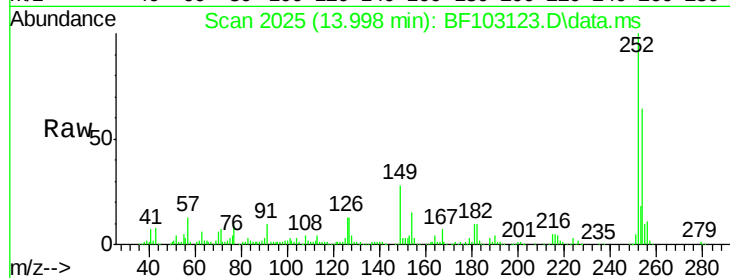




#81
 3,3'-Dichlorobenzidine
 Concen: 35.36 ng
 RT: 13.998 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

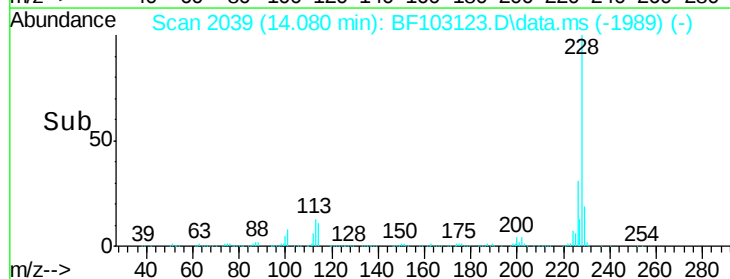
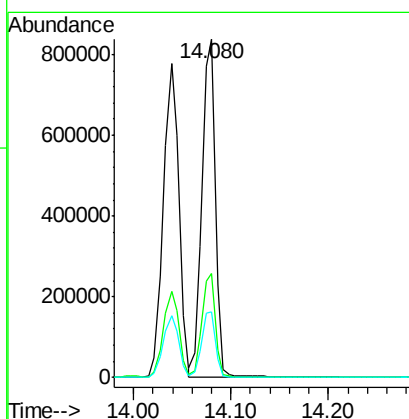
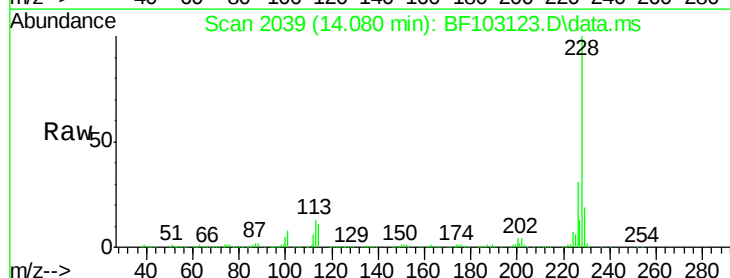
Instrument :
 BNA_F
 ClientSampleId :

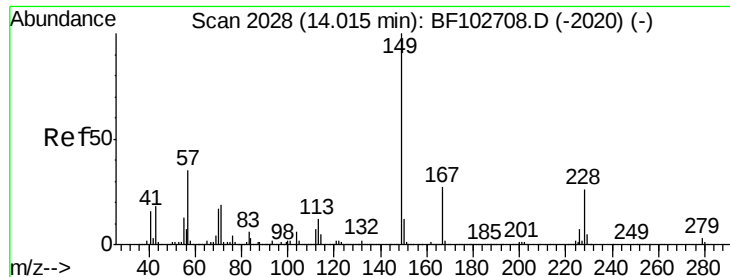
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	13.5	11.3	16.9



#82
 Chrysene
 Concen: 38.65 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4

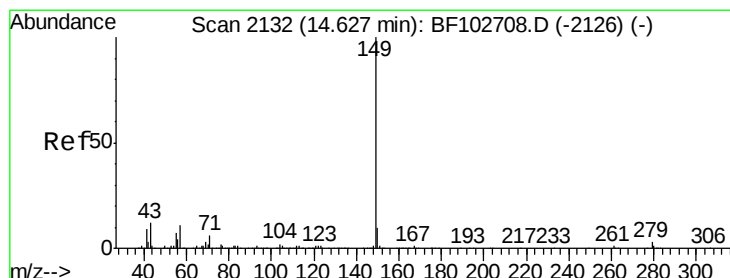
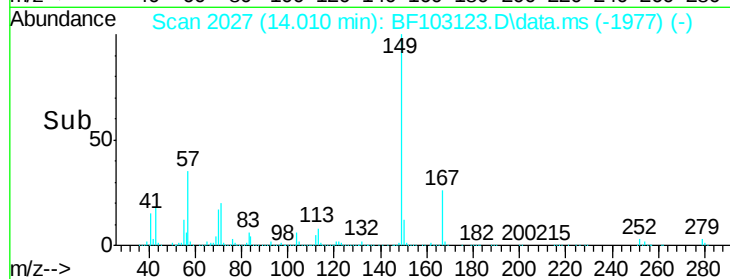
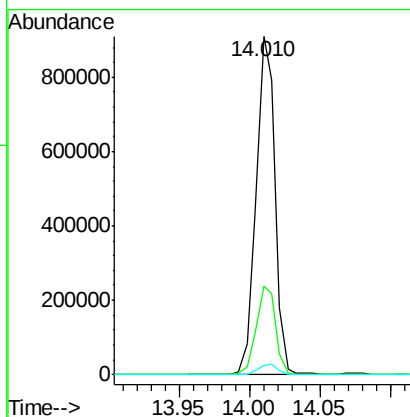
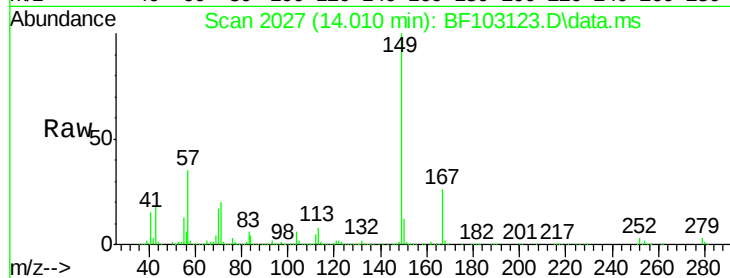




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.66 ng
 RT: 14.010 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

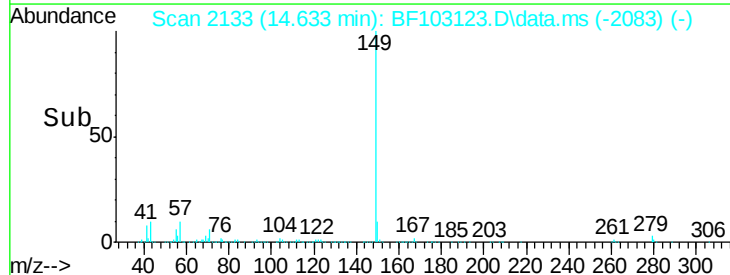
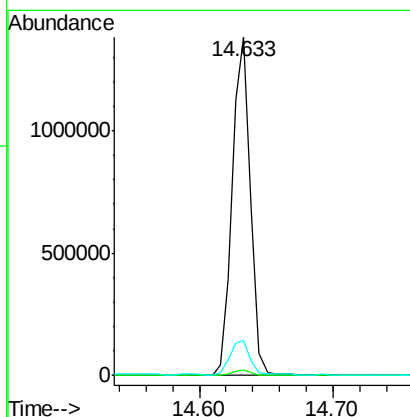
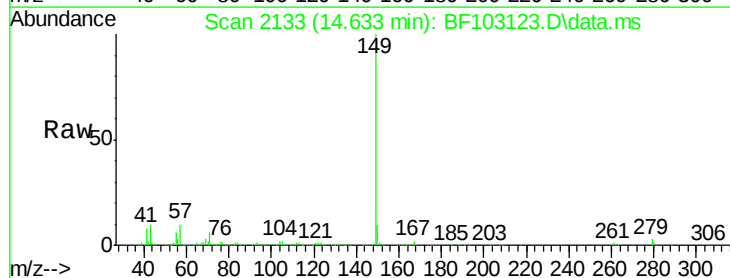
Instrument :
 BNA_F
 ClientSampleId :

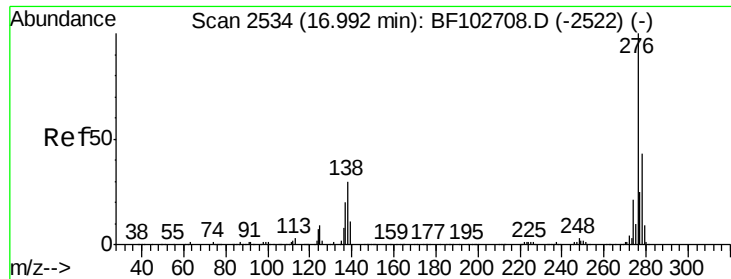
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.8	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 55.88 ng
 RT: 14.633 min Scan# 2133
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.7	8.4	12.6

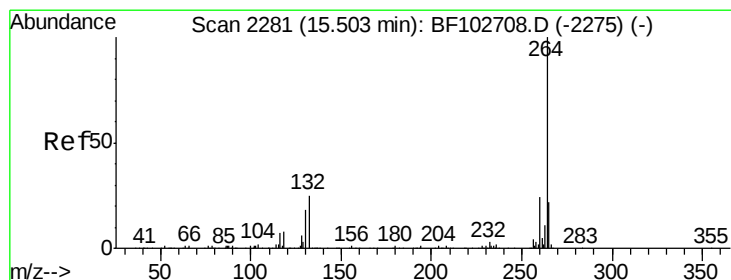
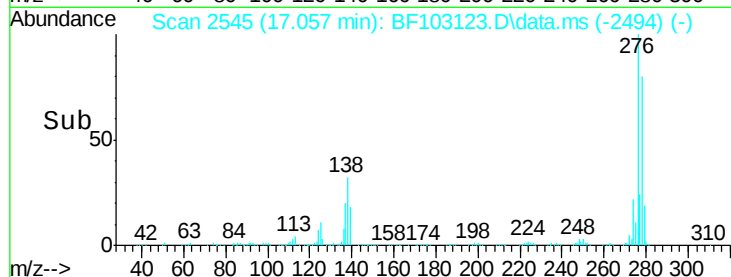
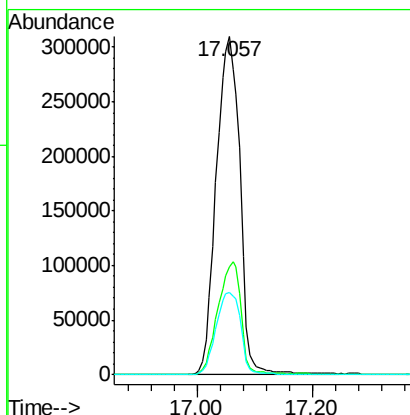
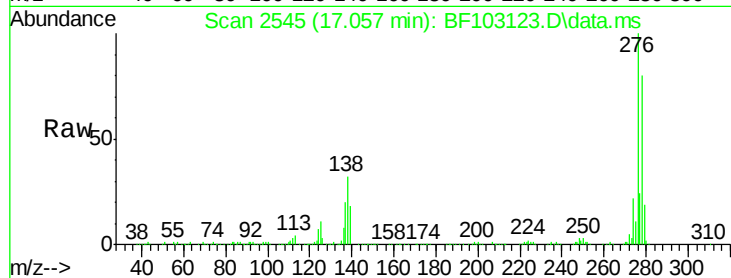




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.98 ng
RT: 17.057 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

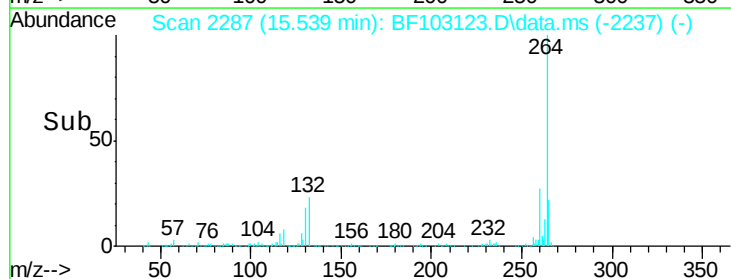
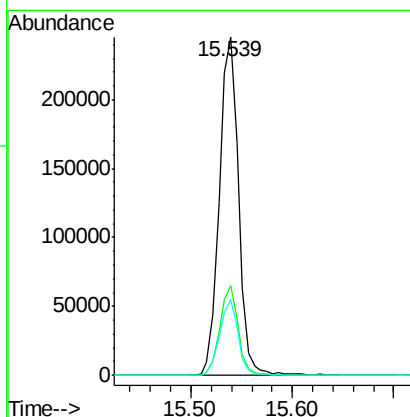
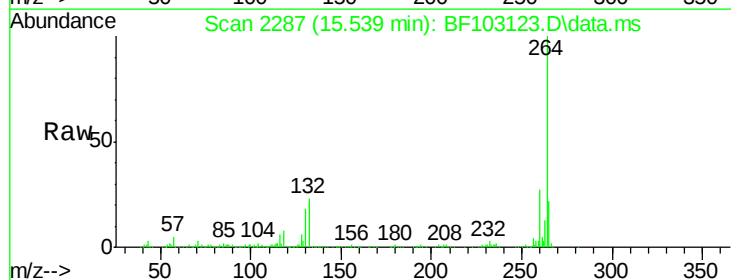
Instrument :
BNA_F
ClientSampled :

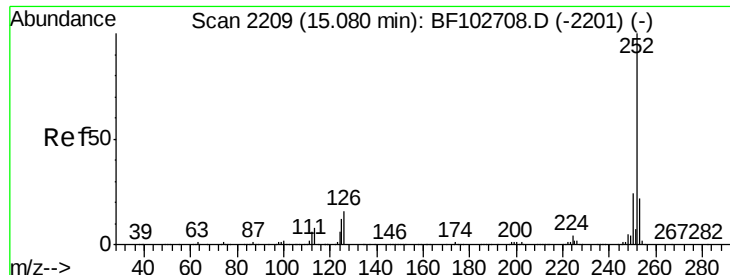
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.2	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.2	28.8
265	22.2	17.5	26.3

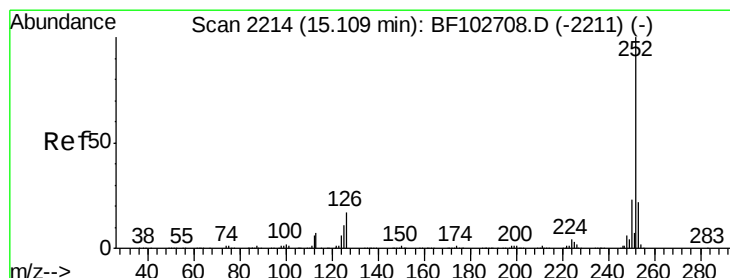
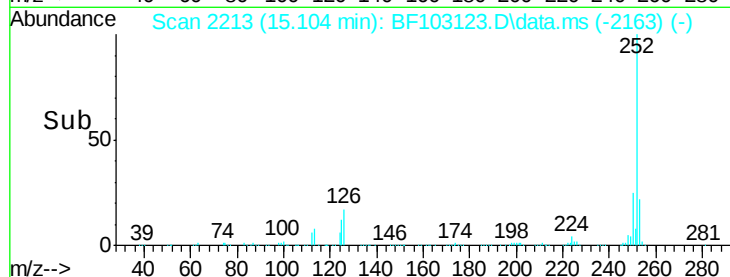
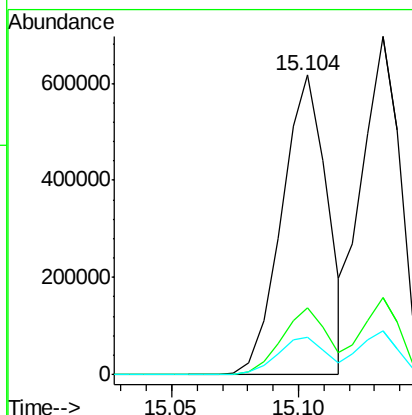
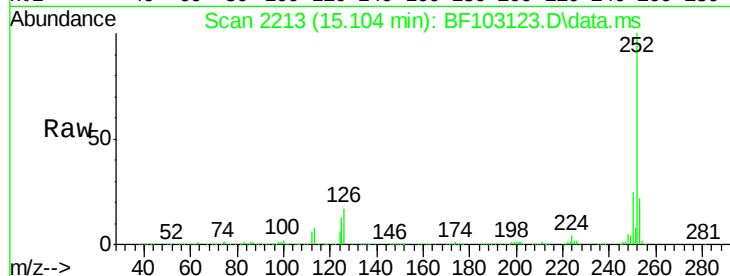




#87
Benzo(b)fluoranthene
Concen: 36.88 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

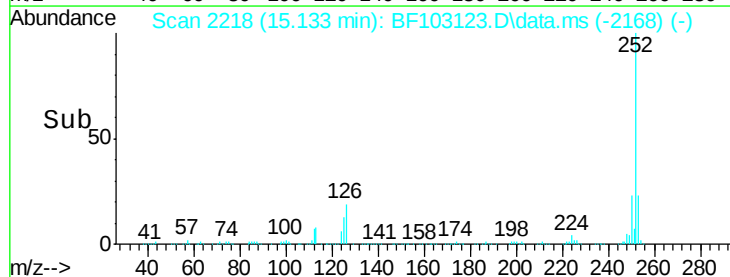
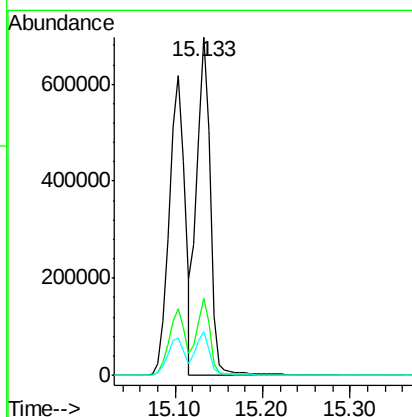
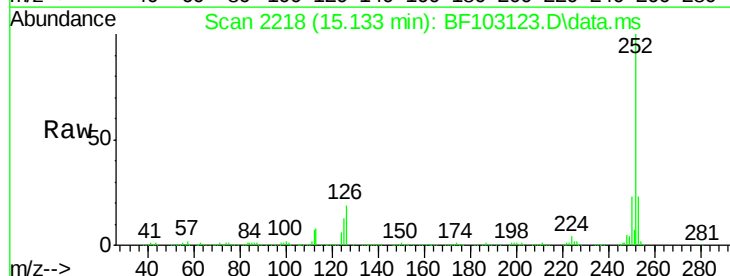
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 771198
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.26 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion:252 Resp: 764365
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 12.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.66 ng

RT: 15.480 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

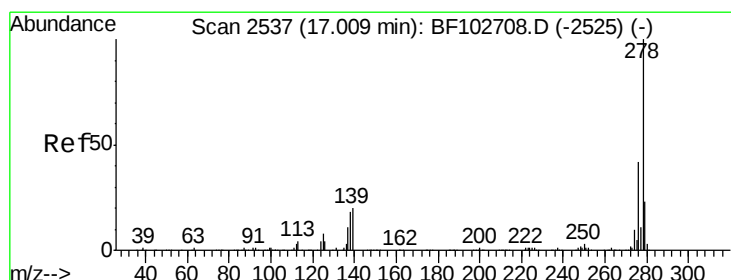
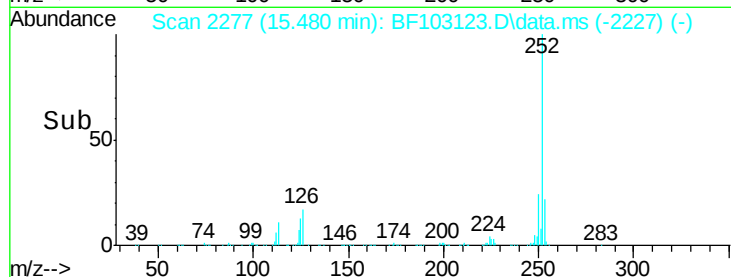
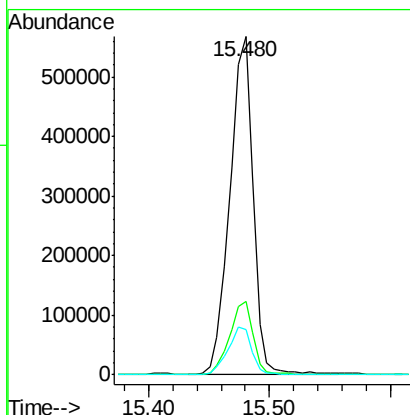
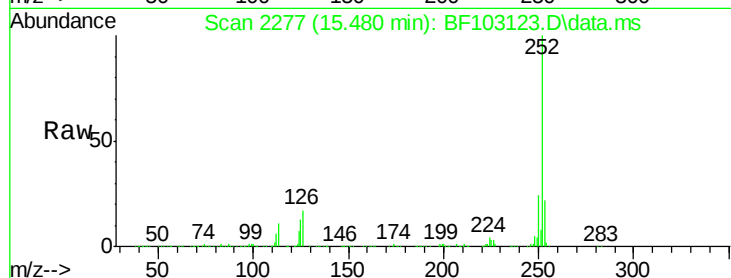
Tot Ion:252 Resp: 765315

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 13.3 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 47.66 ng

RT: 17.068 min Scan# 2547

Delta R.T. -0.006 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

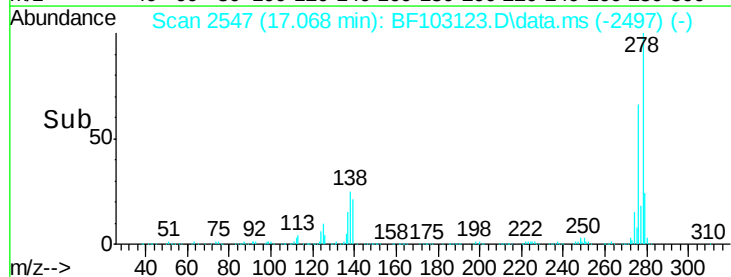
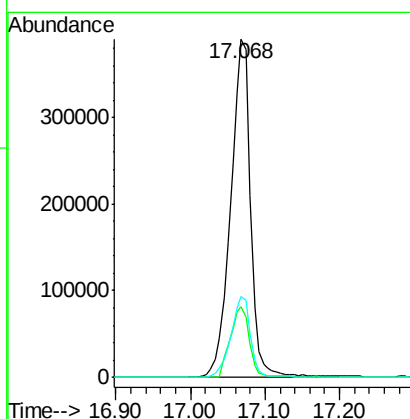
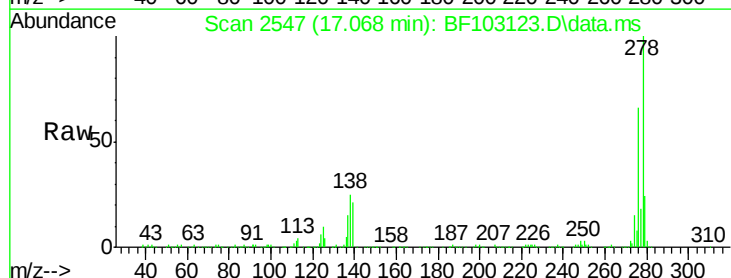
Tgt Ion:278 Resp: 728117

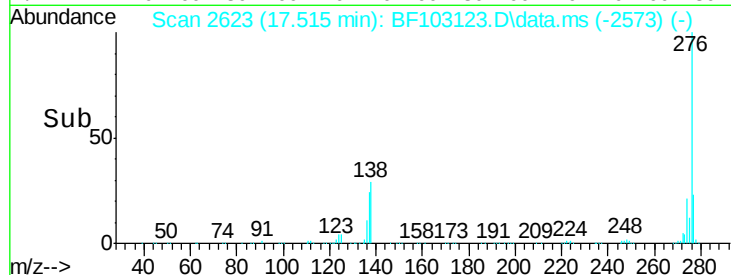
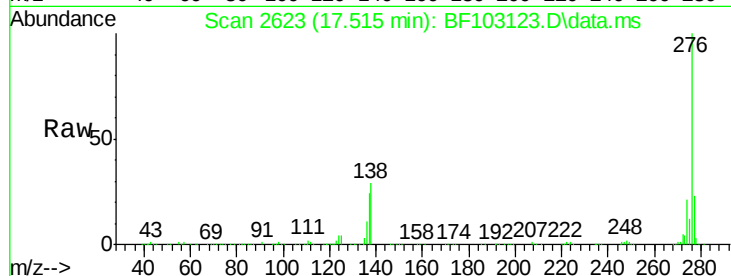
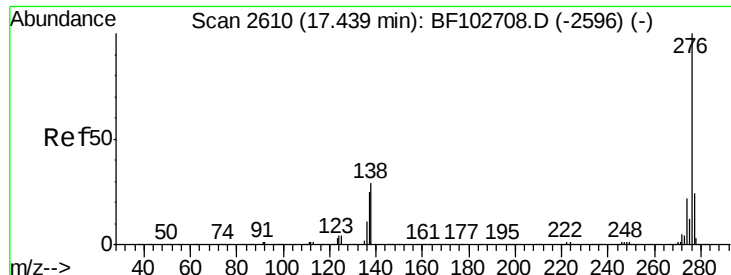
Ion Ratio Lower Upper

278 100

139 20.9 15.9 23.9

279 23.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.21 ng
 RT: 17.515 min Scan# 26
 Delta R.T. -0.006 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	735863
Ion Ratio	Lower	Upper	
276	100		
277	22.8	17.9	26.9
138	28.7	21.8	32.8

