

Data Path : Z:\HPCHEM1\BNA F\Data\BF020318\
 Data File : BF102710.D
 Acq On : 3 Feb 2018 11:20
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 11:54:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 03 11:33:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.880	152	188683	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	797708	20.00	ng	0.00
38) Acenaphthene-d10	9.921	164	371549	20.00	ng	0.00
63) Phenanthrene-d10	11.404	188	645625	20.00	ng	0.00
75) Chrysene-d12	14.045	240	451732	20.00	ng	0.00
86) Perylene-d12	15.509	264	419510	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.486	112	1457269	109.06	ng	0.00
7) Phenol-d6	6.504	99	1725605	108.24	ng	0.00
23) Nitrobenzene-d5	7.451	82	1487443	109.57	ng	0.00
41) 2,4,6-Tribromophenol	10.710	330	376482	116.11	ng	0.00
44) 2-Fluorobiphenyl	9.239	172	2445876	102.84	ng	0.00
78) Terphenyl-d14	12.992	244	2081343	95.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.651	88	371962	55.78	ng	# 84
3) Pyridine	3.428	79	1046518	57.47	ng	86
4) n-Nitrosodimethylamine	3.387	42	454996	59.66	ng	94
6) Aniline	6.551	93	1330012	59.20	ng	96
8) 2-Chlorophenol	6.663	128	748181	55.83	ng	91
9) Benzaldehyde	6.433	77	646543	58.41	ng	98
10) Phenol	6.516	94	936805	52.00	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	778706	56.79	ng	94
12) 1,3-Dichlorobenzene	6.822	146	848151	54.90	ng	99
13) 1,4-Dichlorobenzene	6.898	146	845760	54.86	ng	98
14) 1,2-Dichlorobenzene	7.051	146	766534	53.72	ng	98
15) Benzyl Alcohol	7.022	79	688560	59.05	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1500063	59.34	ng	97
17) 2-Methylphenol	7.122	107	704853	58.30	ng	99
18) Hexachloroethane	7.392	117	307546	56.66	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	585036	56.00	ng	94
20) 3+4-Methylphenols	7.286	107	820149	56.50	ng	# 78
22) Acetophenone	7.292	105	1077400	56.06	ng	# 93
24) Nitrobenzene	7.469	77	839582	57.56	ng	98
25) Isophorone	7.704	82	1583246	59.03	ng	99
26) 2-Nitrophenol	7.780	139	365713	59.90	ng	97
27) 2,4-Dimethylphenol	7.810	122	676600	59.34	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	923129	57.00	ng	100
29) 2,4-Dichlorophenol	8.016	162	632738	58.44	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	667611	58.95	ng	100
31) Naphthalene	8.186	128	2194524	55.06	ng	99
32) Benzoic acid	7.945	122	550801	63.70	ng	99
33) 4-Chloroaniline	8.233	127	964148	56.67	ng	98
34) Hexachlorobutadiene	8.304	225	338394	56.45	ng	98
35) Caprolactam	8.622	113	229031	61.62	ng	# 72
36) 4-Chloro-3-methylphenol	8.710	107	691946	58.39	ng	97
37) 2-Methylnaphthalene	8.874	142	1448046	55.18	ng	99
39) 1,2,4,5-Tetrachloroben...	9.039	216	568522	54.09	ng	99
40) Hexachlorocyclopentadiene	9.027	237	313765	54.58	ng	98

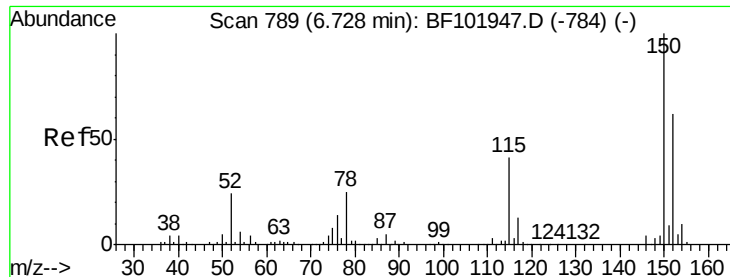
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.151	196	423606	58.48	nq	99
43) 2,4,5-Trichlorophenol	9.186	196	469037	57.29	nq	99
45) 1,1'-Biphenyl	9.339	154	1723890	52.49	nq	99
46) 2-Chloronaphthalene	9.369	162	1397575	54.88	nq	99
47) 2-Nitroaniline	9.463	65	487265	63.87	nq	94
48) Acenaphthylene	9.786	152	2148624	53.16	nq	100
49) Dimethylphthalate	9.645	163	1678088	56.30	nq	100
50) 2,6-Dinitrotoluene	9.704	165	365944	61.46	nq	93
51) Acenaphthene	9.957	154	1286712	52.45	nq	98
52) 3-Nitroaniline	9.874	138	440488	58.62	nq	97
53) 2,4-Dinitrophenol	9.969	184	97877	53.95	nq	# 20
54) Dibenzofuran	10.127	168	1799032	53.44	nq	97
55) 4-Nitrophenol	10.016	139	345823	61.76	nq	91
56) 2,4-Dinitrotoluene	10.104	165	476913	63.91	nq	95
57) Fluorene	10.469	166	1312387	56.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.239	232	329152	56.47	nq	98
59) Diethylphthalate	10.339	149	1653354	55.76	nq	99
60) 4-Chlorophenyl-phenyle...	10.457	204	584537	58.98	nq	97
61) 4-Nitroaniline	10.492	138	426370	59.79	nq	98
62) Azobenzene	10.621	77	1625391	55.10	nq	94
64) 4,6-Dinitro-2-methylph...	10.516	198	188777	59.47	nq	89
65) n-Nitrosodiphenylamine	10.580	169	1279782	52.94	nq	100
66) 4-Bromophenyl-phenylether	10.951	248	392970	57.64	nq	93
67) Hexachlorobenzene	11.016	284	431748	58.01	nq	92
68) Atrazine	11.104	200	396627	56.77	nq	99
69) Pentachlorophenol	11.204	266	284455	62.67	nq	99
70) Phenanthrene	11.433	178	1962836	52.05	nq	98
71) Anthracene	11.480	178	1991451	52.07	nq	100
72) Carbazole	11.633	167	1994573	53.06	nq	99
73) Di-n-butylphthalate	11.963	149	2508670	54.39	nq	100
74) Fluoranthene	12.615	202	1992309	53.69	nq	99
76) Benzidine	12.739	184	1273141	58.36	nq	96
77) Pyrene	12.851	202	2051901	51.39	nq	100
79) Butylbenzylphthalate	13.462	149	1035069	56.48	nq	98
80) Benzo(a)anthracene	14.033	228	1616429	56.08	nq	99
81) 3,3'-Dichlorobenzidine	13.998	252	649606	60.87	nq	96
82) Chrysene	14.074	228	1612927	53.67	nq	99
83) Bis(2-ethylhexyl)phtha...	14.015	149	1327332	63.14	nq	99
84) Di-n-octyl phthalate	14.633	149	2165056	62.07	nq	96
85) Indeno(1,2,3-cd)pyrene	16.997	276	1402121	64.10	nq	98
87) Benzo(b)fluoranthene	15.086	252	1627086	59.48	nq	99
88) Benzo(k)fluoranthene	15.115	252	1508528	57.17	nq	99
89) Benzo(a)pyrene	15.456	252	1473936	59.88	nq	98
90) Dibenzo(a,h)anthracene	17.021	278	1170982	59.61	nq	99
91) Benzo(g,h,i)perylene	17.456	276	1140465	57.64	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.880 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

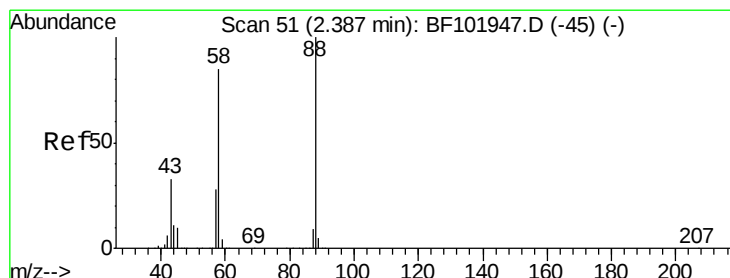
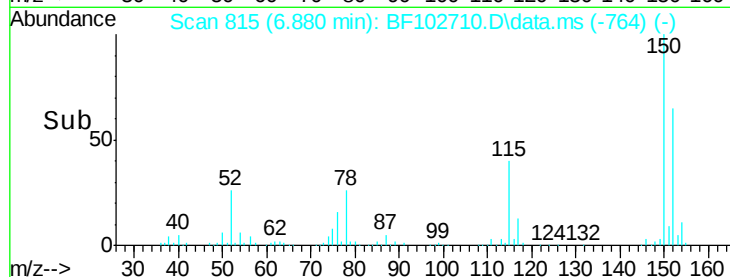
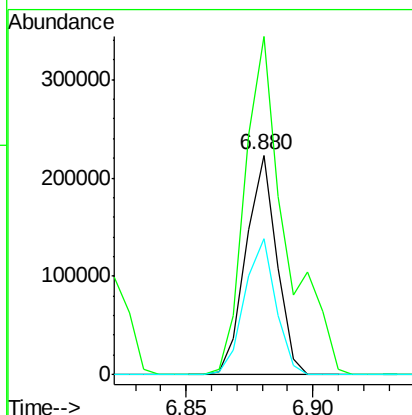
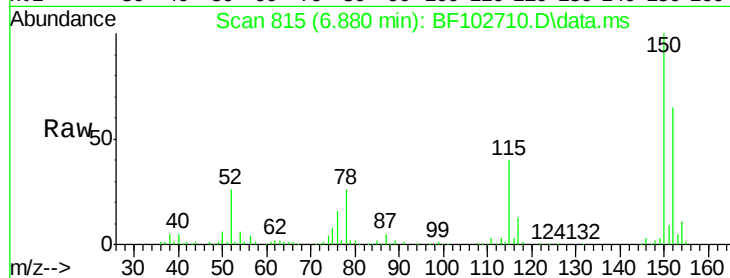
Tot Ion:152 Resp: 188683

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

115 61.9 50.1 75.1



#2

1,4-Dioxane

Concen: 55.78 ng

RT: 2.651 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

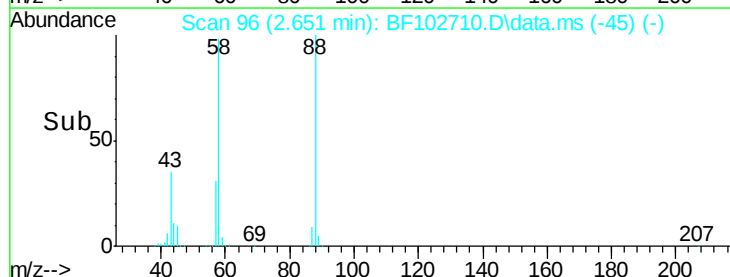
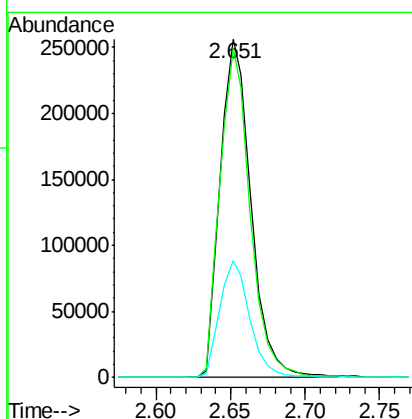
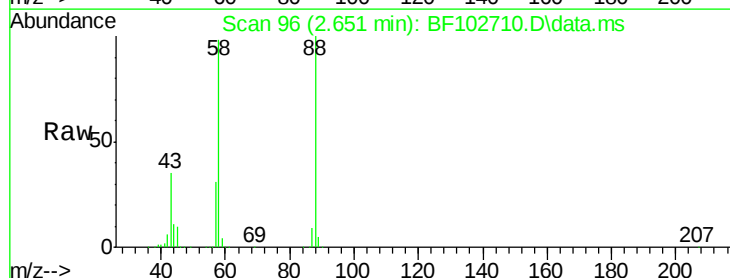
Tgt Ion: 88 Resp: 371962

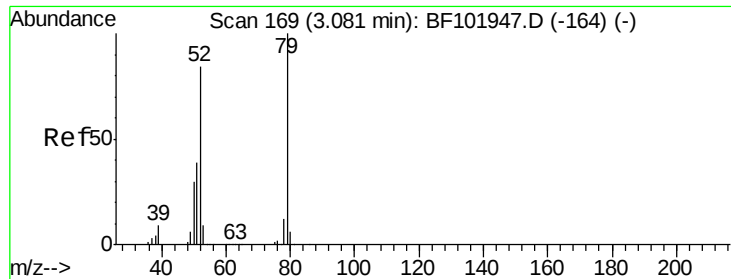
Ion Ratio Lower Upper

88 100

58 96.0 62.6 93.8#

43 34.0 24.6 37.0





#3

Pvridine

Concen: 57.47 ng

RT: 3.428 min Scan# 221

Delta R.T. -0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

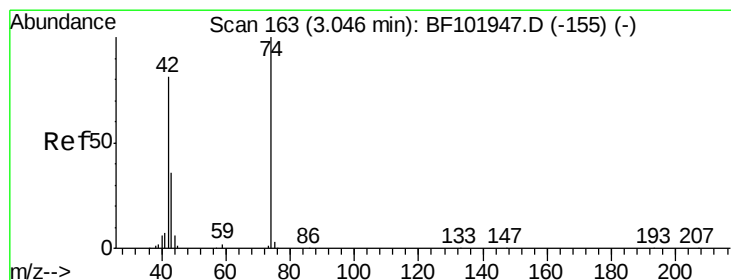
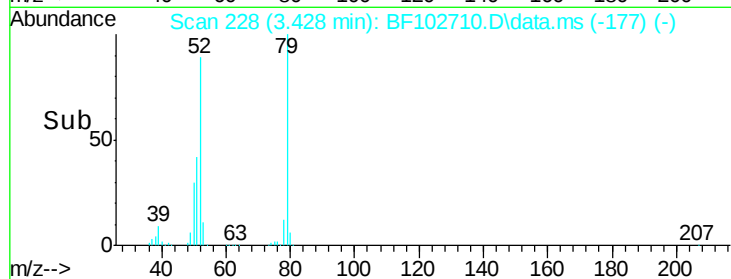
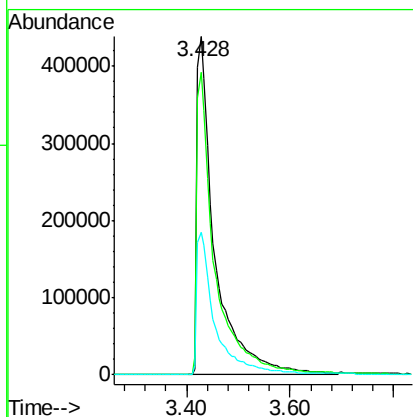
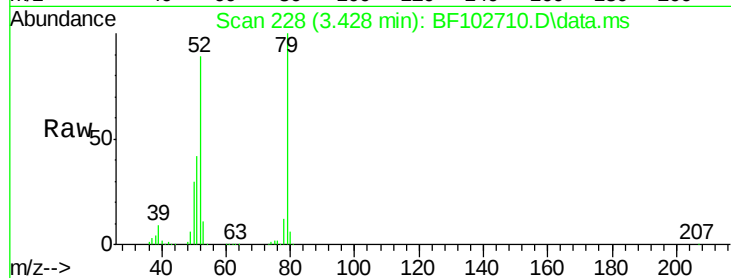
Tot Ion: 79 Resp: 1046518

Ion Ratio Lower Upper

79 100

52 89.4 59.8 89.6

51 42.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 59.66 ng

RT: 3.387 min Scan# 221

Delta R.T. 0.012 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

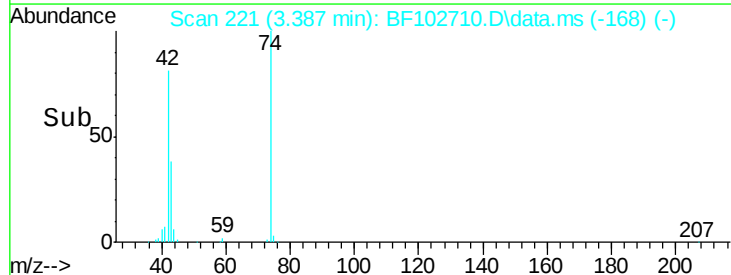
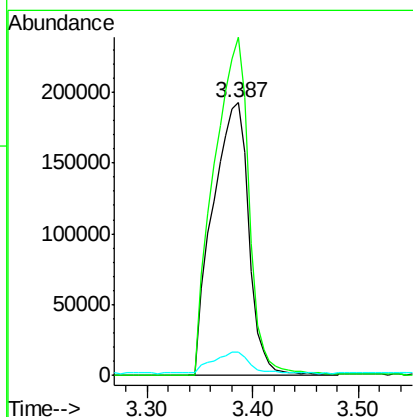
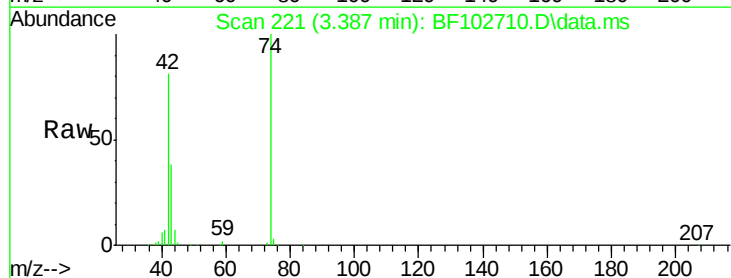
Tgt Ion: 42 Resp: 454996

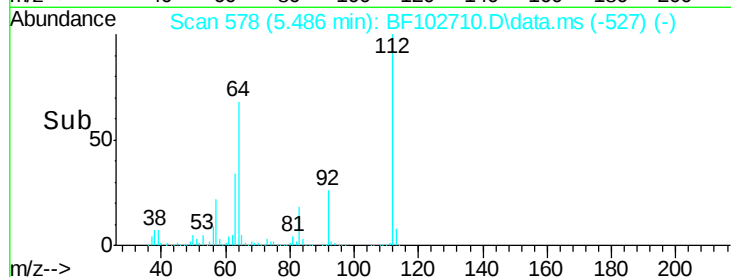
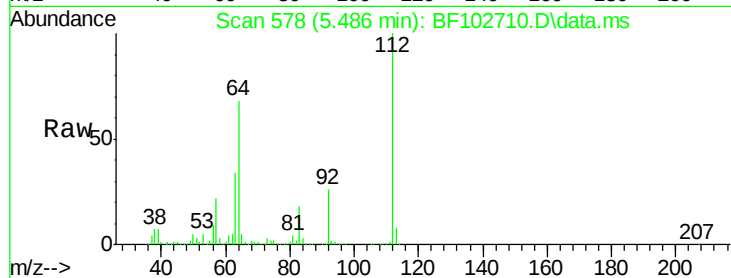
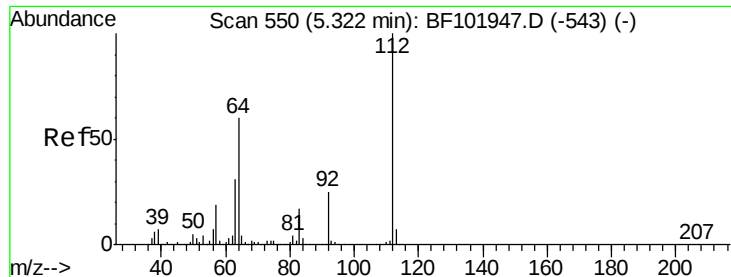
Ion Ratio Lower Upper

42 100

74 124.1 104.9 157.3

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 109.06 ng

RT: 5.486 min Scan# 57

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

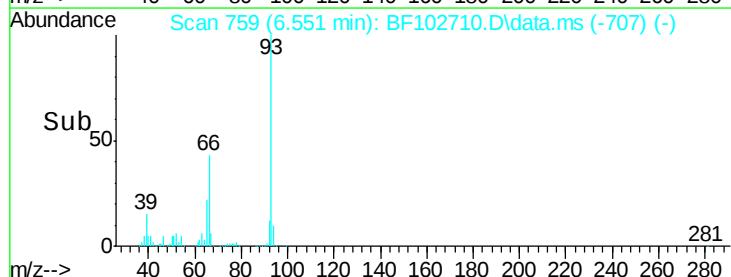
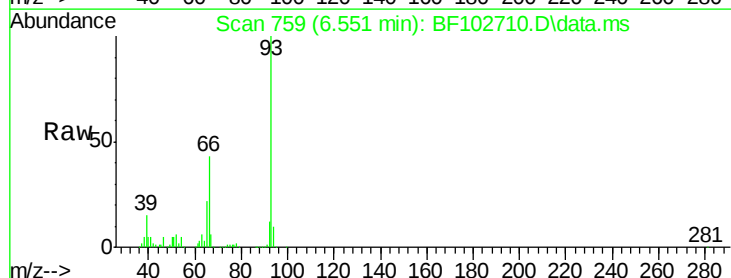
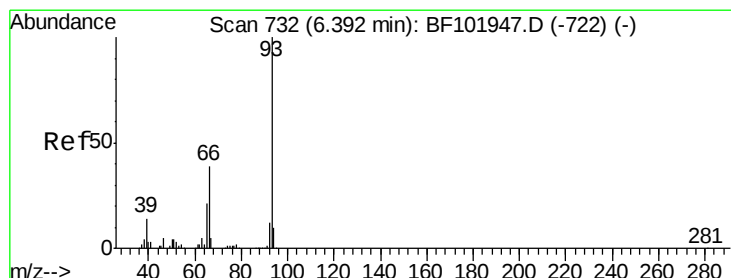
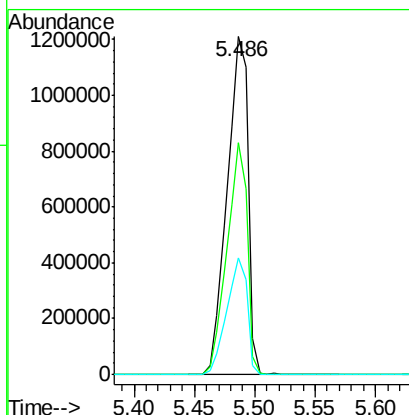
Tot Ion:112 Resp: 1457269

Ion Ratio Lower Upper

112 100

64 68.5 47.9 71.9

63 34.5 23.7 35.5



#6

Aniline

Concen: 59.20 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

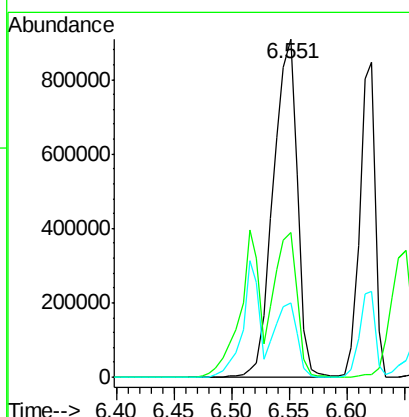
Tgt Ion: 93 Resp: 1330012

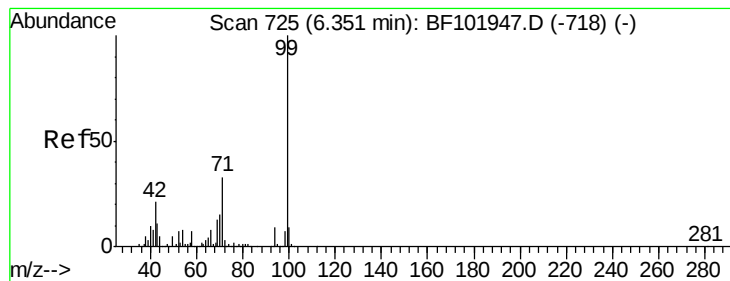
Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

65 22.1 16.4 24.6





#7

Phenol-d6

Concen: 108.24 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

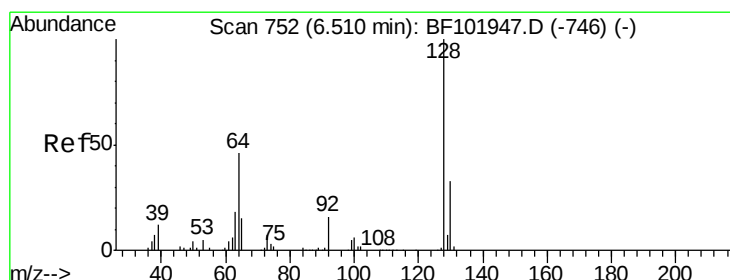
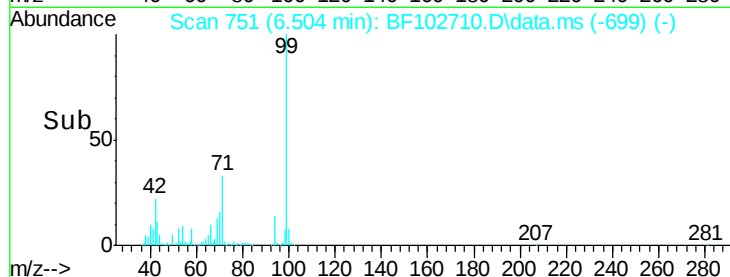
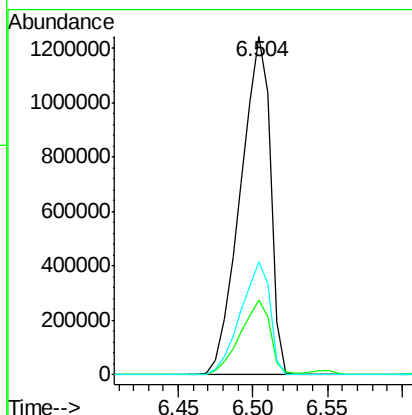
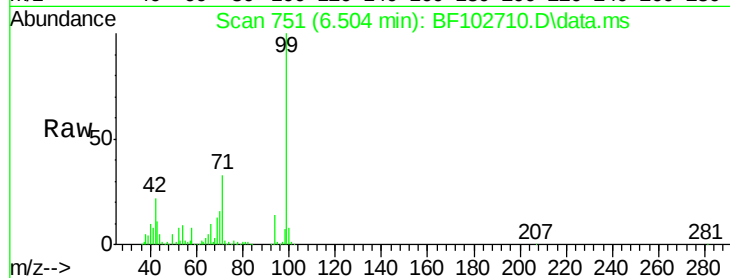
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1725605

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.4	25.4	38.0



#8

2-Chlorophenol

Concen: 55.83 ng

RT: 6.663 min Scan# 778

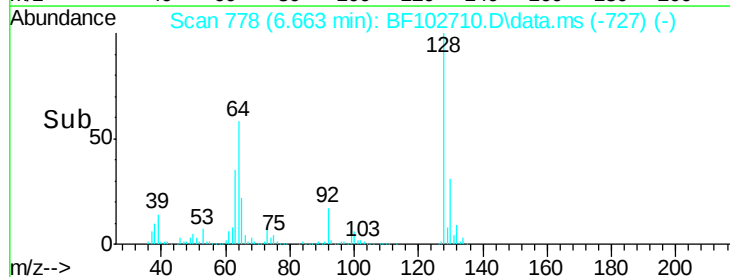
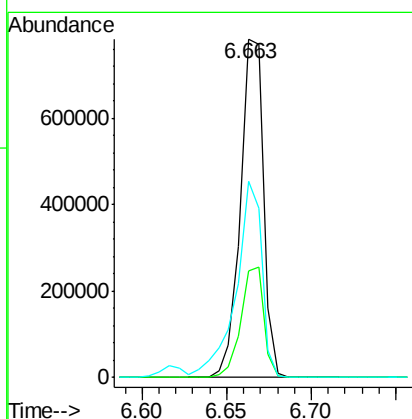
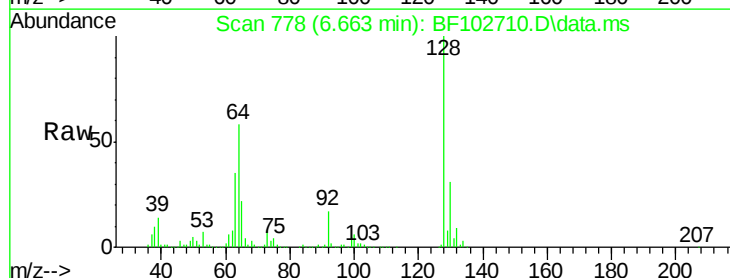
Delta R.T. -0.000 min

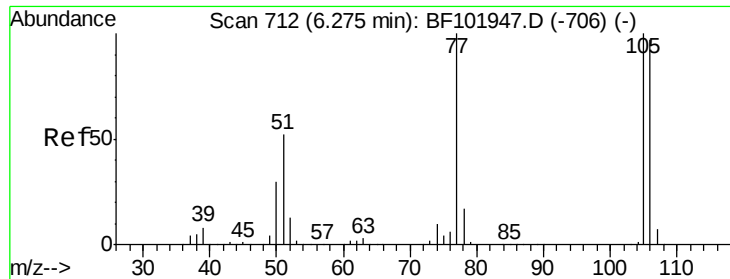
Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Tgt Ion: 128 Resp: 748181

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.0	53.0
64	58.0	29.4	69.4

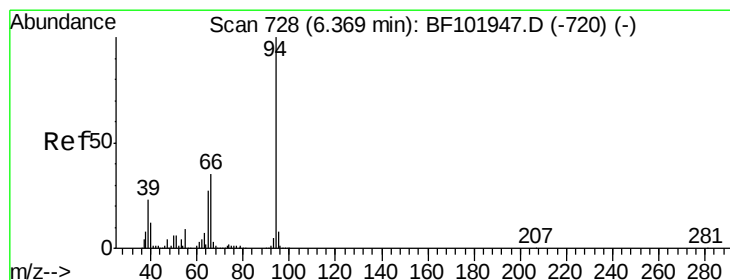
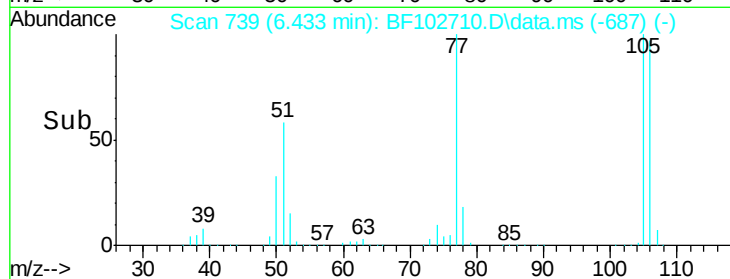
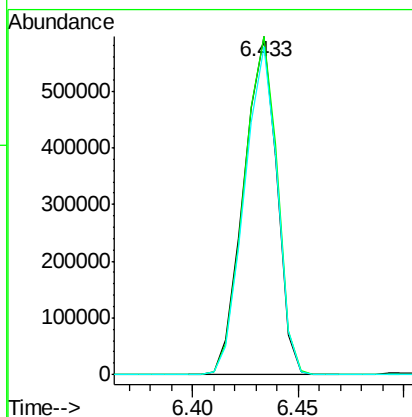
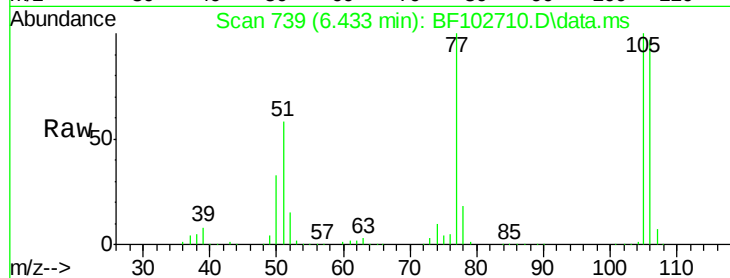




#9
Benzaldehyde
Concen: 58.41 ng
RT: 6.433 min Scan# 73
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

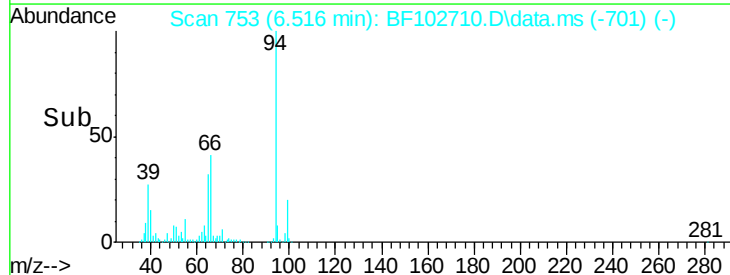
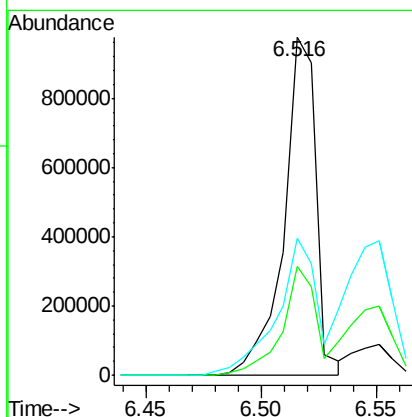
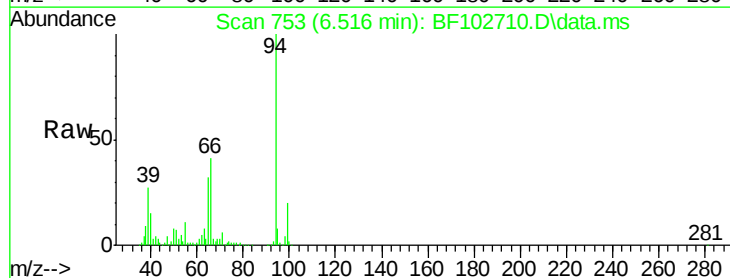
Instrument :
BNA_F
ClientSampleId :

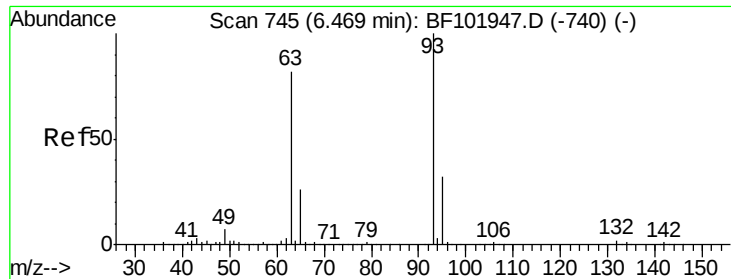
Tot Ion: 77 Resp: 646543
Ion Ratio Lower Upper
77 100
105 100.1 81.1 121.1
106 97.2 74.5 114.5



#10
Phenol
Concen: 52.00 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion: 94 Resp: 936805
Ion Ratio Lower Upper
94 100
65 32.1 7.9 47.9
66 40.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 56.79 ng

RT: 6.622 min Scan# 77

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

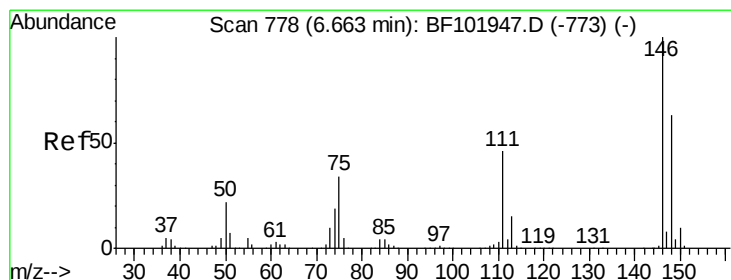
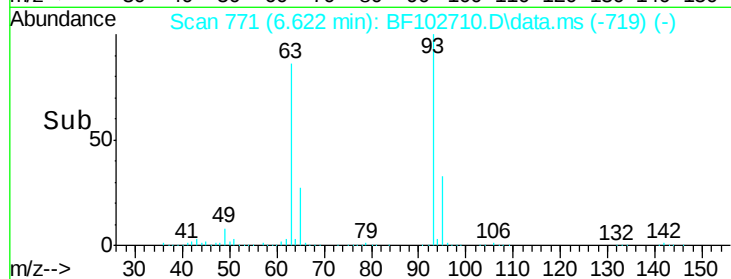
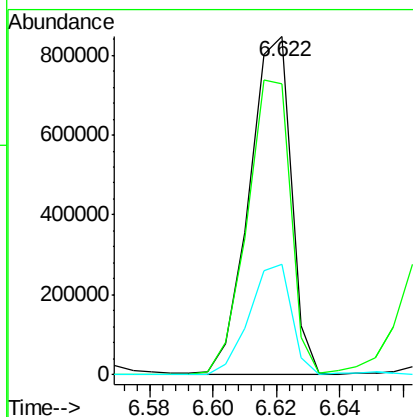
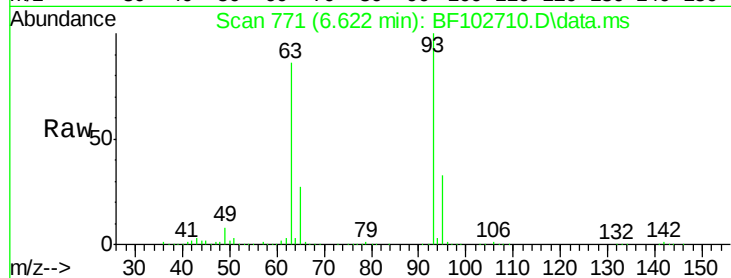
Tot Ion: 93 Resp: 778706

Ion Ratio Lower Upper

93 100

63 86.0 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 54.90 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

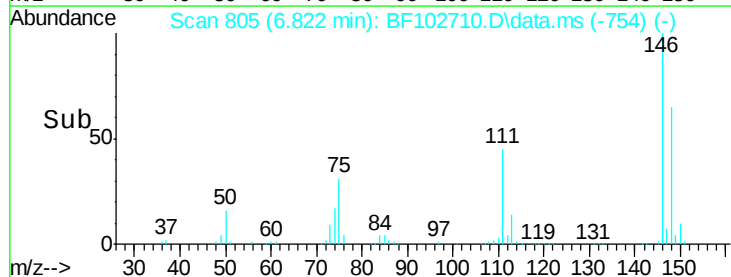
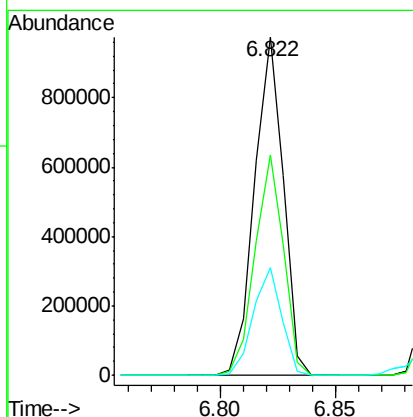
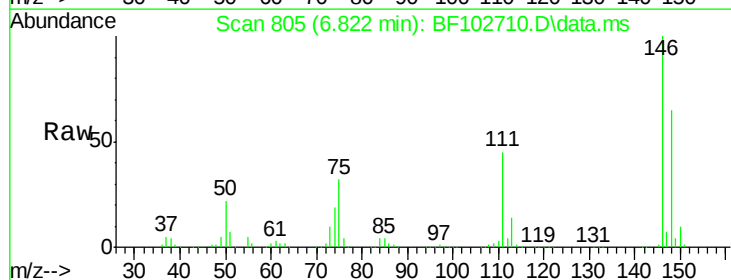
Tgt Ion: 146 Resp: 848151

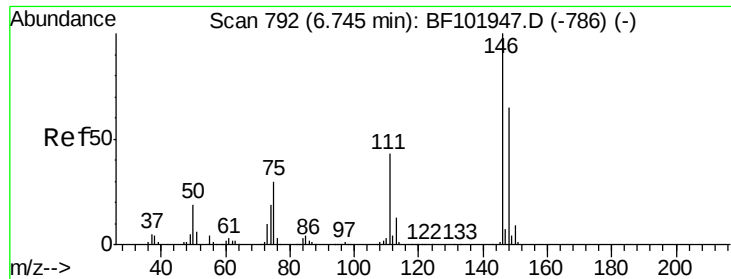
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

75 31.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 54.86 ng

RT: 6.898 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

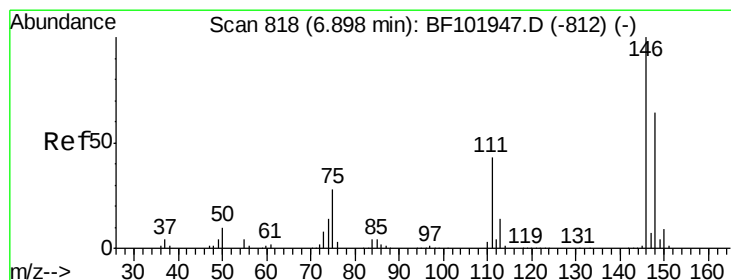
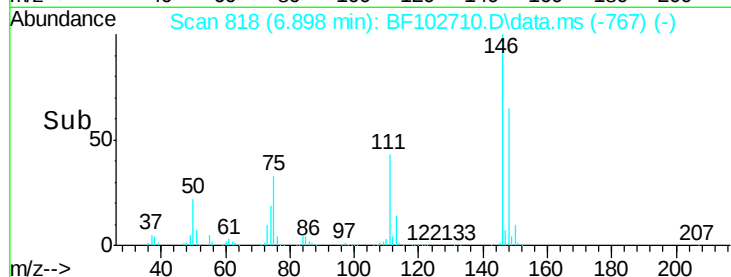
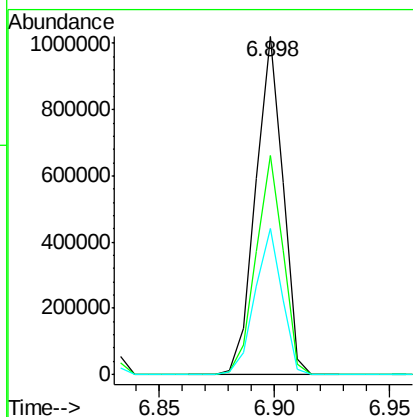
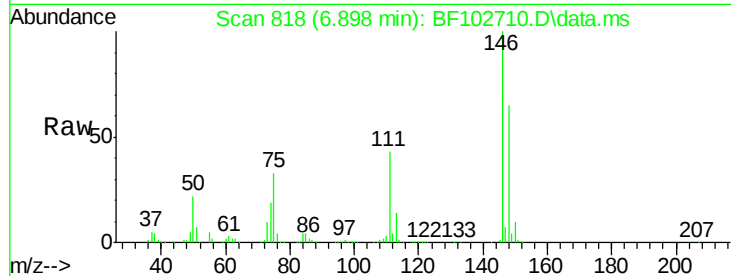
Tot Ion:146 Resp: 845760

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 43.4 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 53.72 ng

RT: 7.051 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

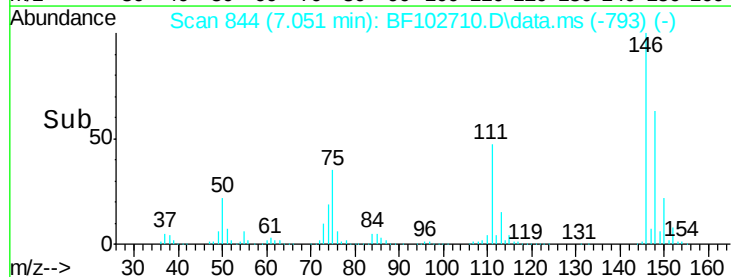
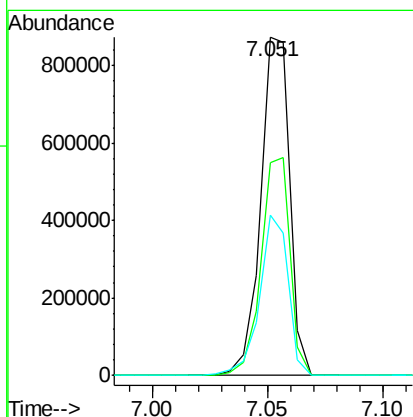
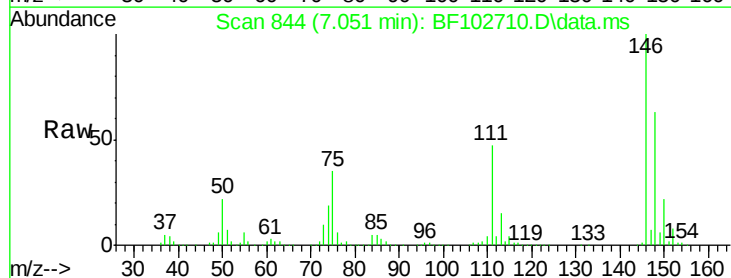
Tgt Ion:146 Resp: 766534

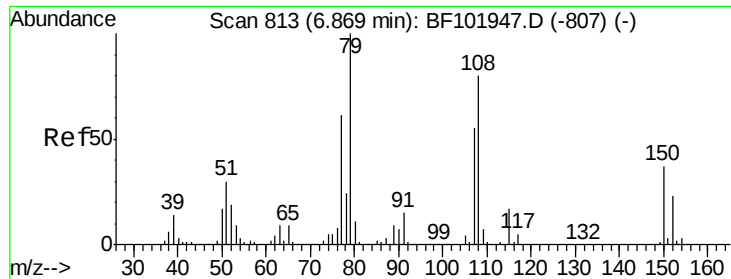
Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

111 47.2 36.0 54.0

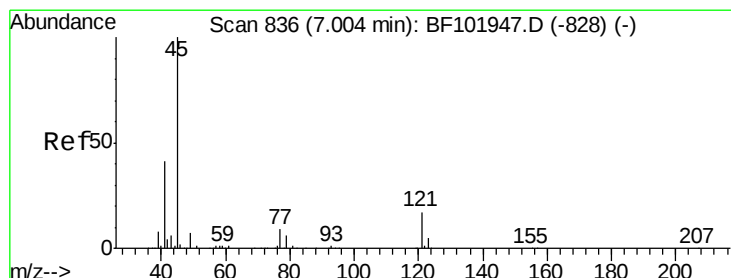
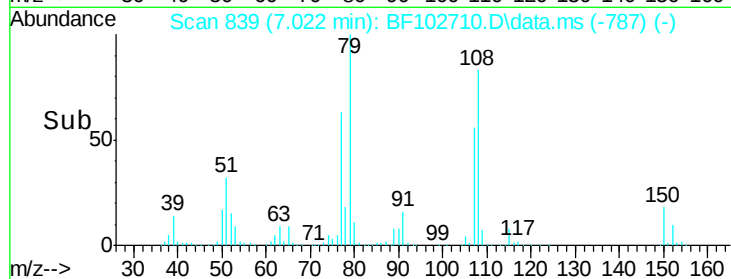
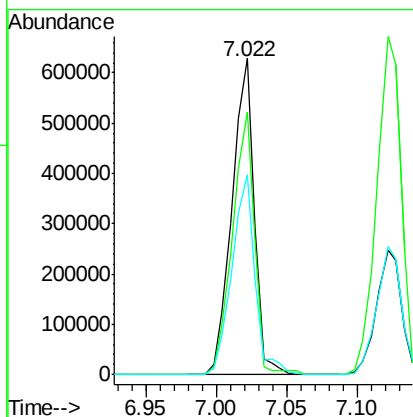
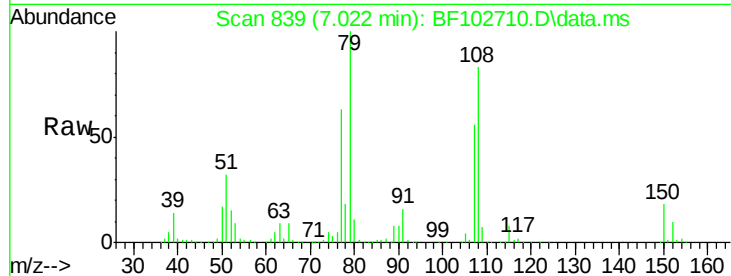




#15
Benzyl Alcohol
Concen: 59.05 ng
RT: 7.022 min Scan# 83
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

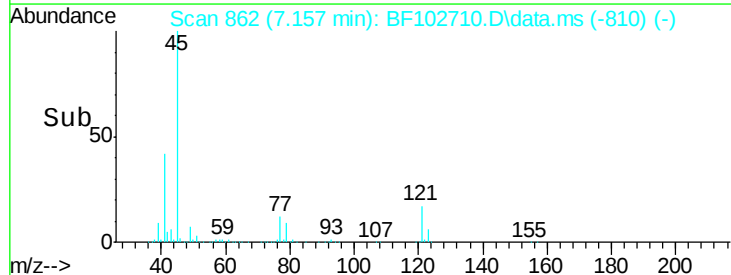
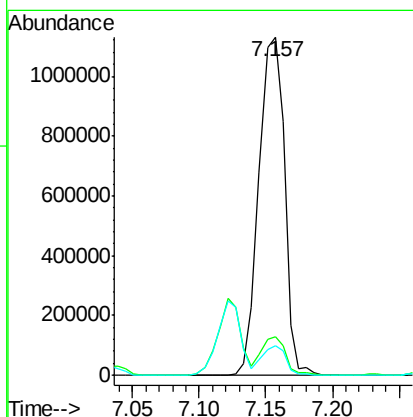
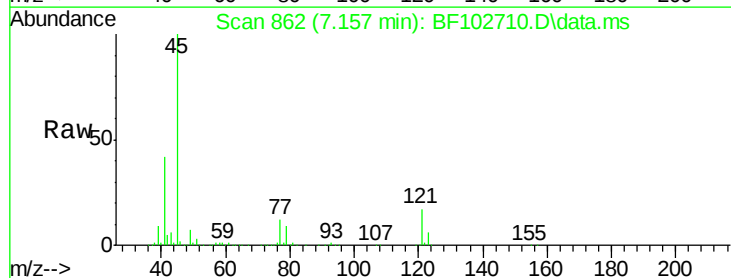
Instrument :
BNA_F
ClientSampleId :

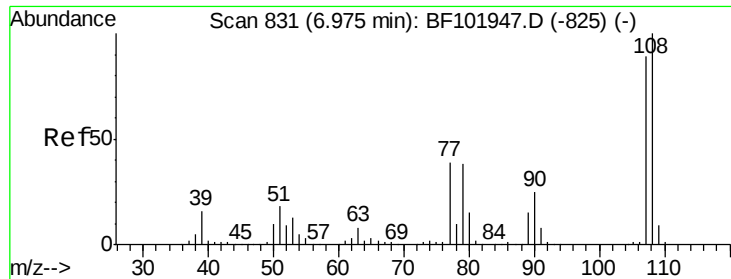
Tot Ion: 79 Resp: 688560
Ion Ratio Lower Upper
79 100
108 83.2 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 59.34 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion: 45 Resp: 1500063
Ion Ratio Lower Upper
45 100
77 11.5 0.0 32.9
79 8.8 0.0 29.6





#17

2-Methylphenol

Concen: 58.30 ng

RT: 7.122 min Scan# 85

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 704853

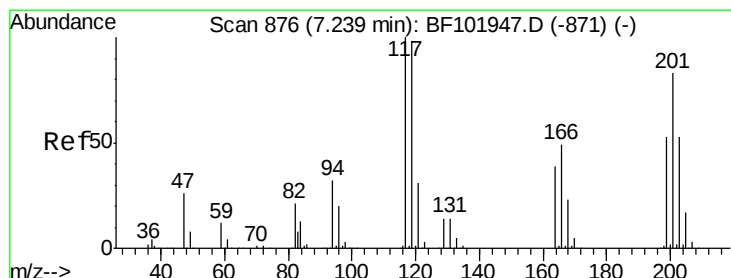
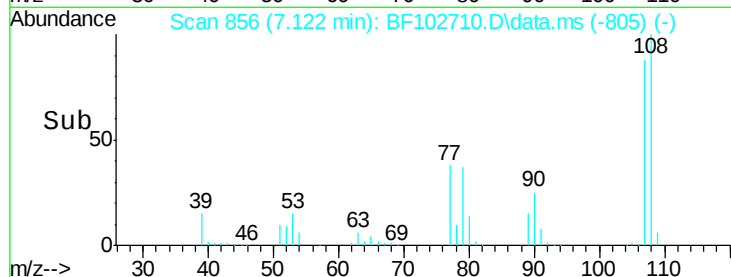
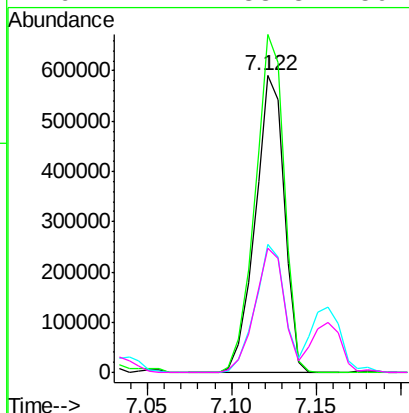
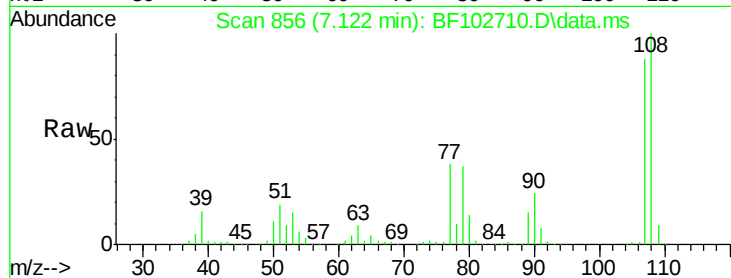
Ion Ratio Lower Upper

107 100

108 113.9 91.7 137.5

77 43.4 33.8 50.8

79 42.1 33.8 50.8



#18

Hexachloroethane

Concen: 56.66 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

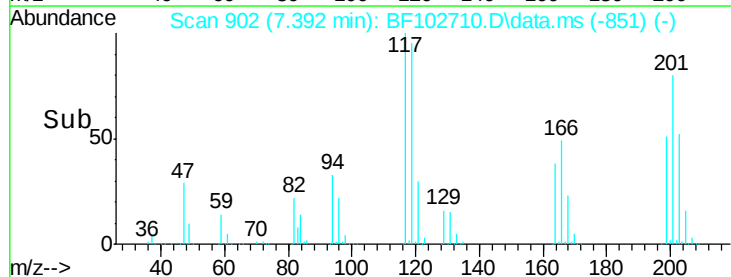
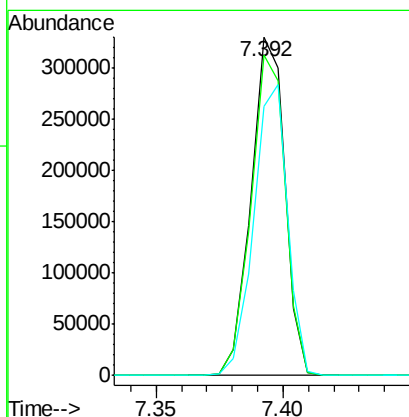
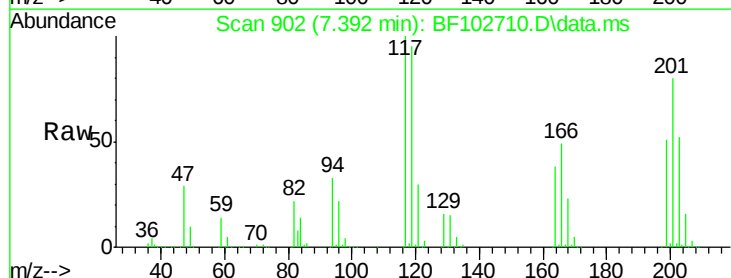
Tgt Ion:117 Resp: 307546

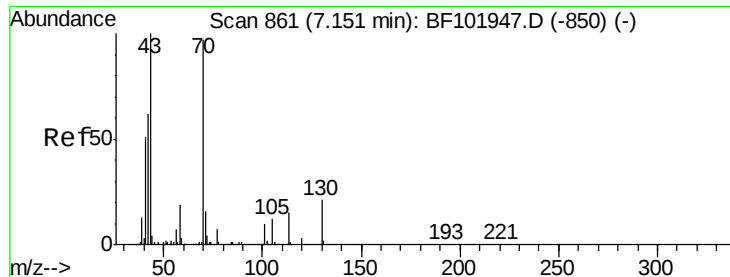
Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

201 79.6 75.7 113.5

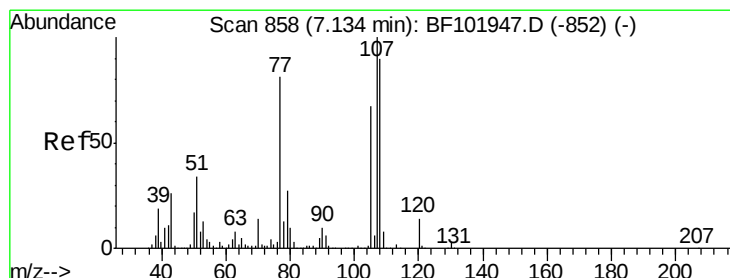
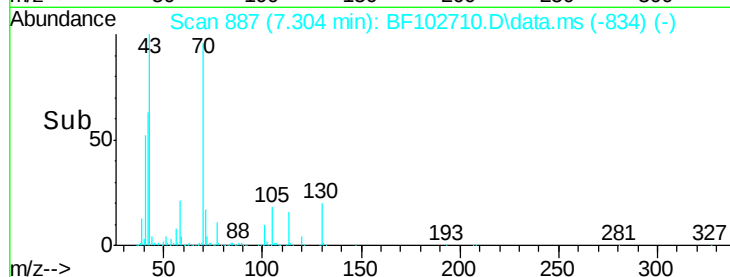
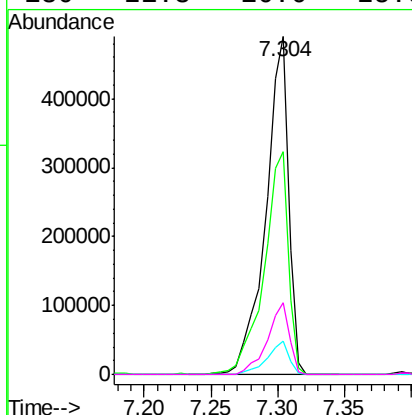
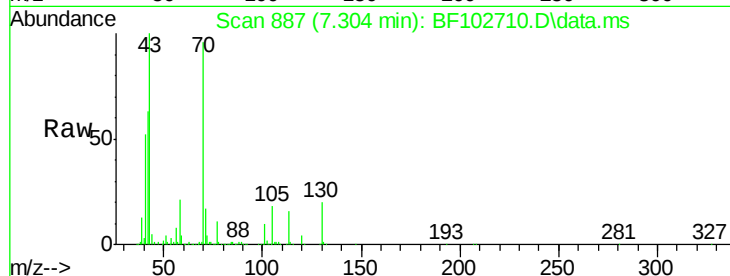




#19
n-Nitroso-di-n-propylamine
Concen: 56.00 ng
RT: 7.304 min Scan# 88
Delta R.T. 0.012 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

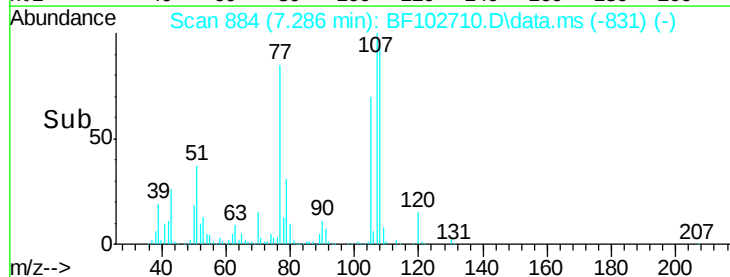
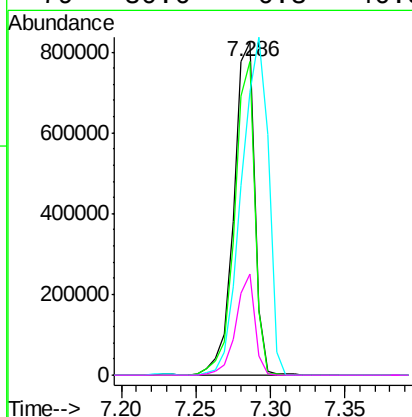
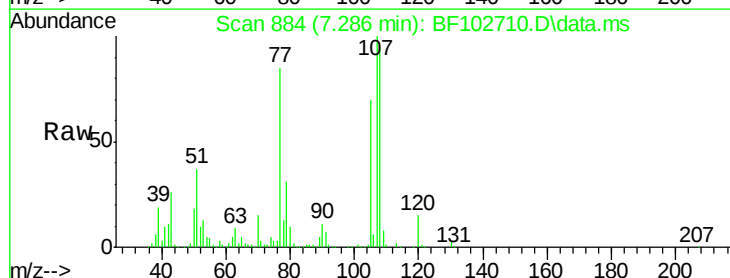
Instrument :
BNA_F
ClientSampleId :

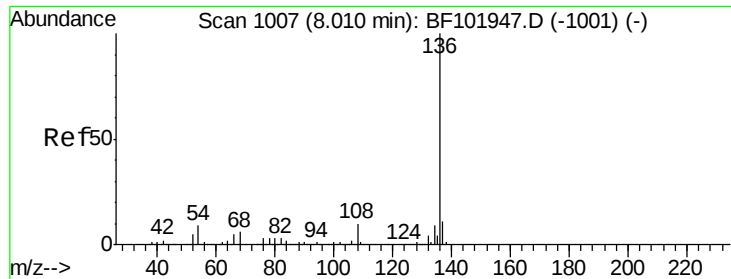
Tot Ion: 70 Resp: 585036
Ion Ratio Lower Upper
70 100
42 66.0 47.5 71.3
101 10.0 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 56.50 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion: 107 Resp: 820149
Ion Ratio Lower Upper
107 100
108 94.4 68.2 108.2
77 85.2 26.7 66.7#
79 30.6 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: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

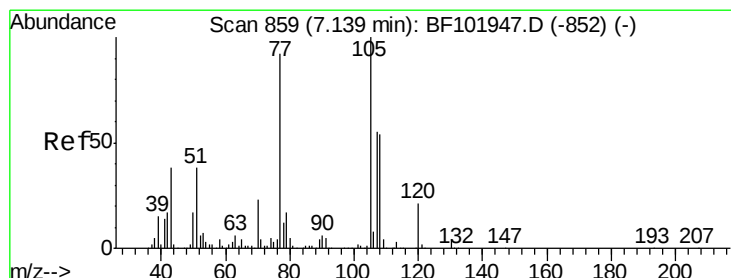
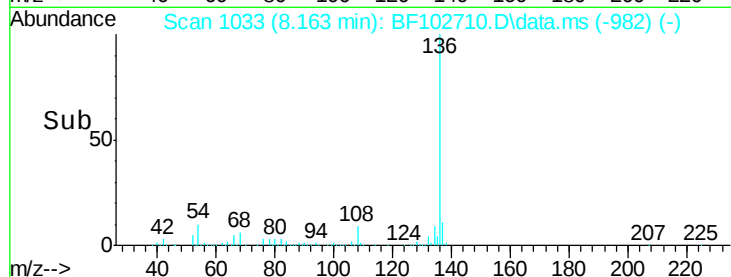
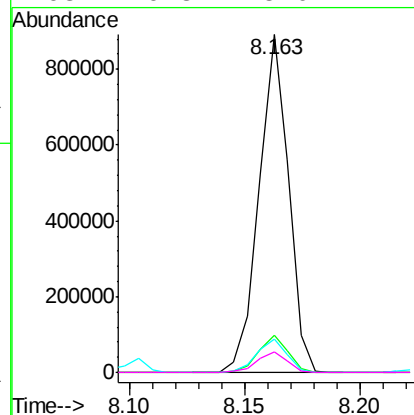
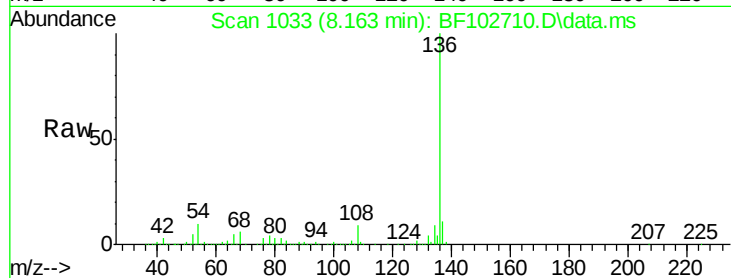
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 797708

Ion Ratio Lower Upper

136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.3	5.0	7.4



#22

Acetophenone

Concen: 56.06 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.006 min

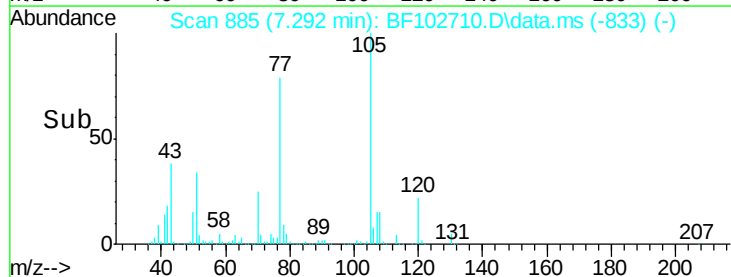
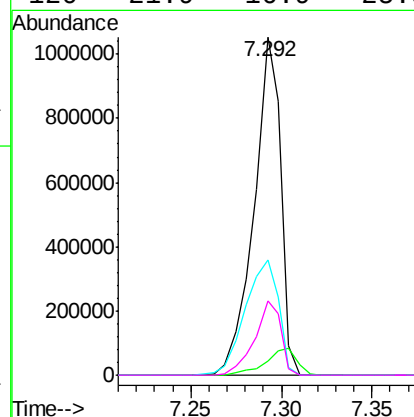
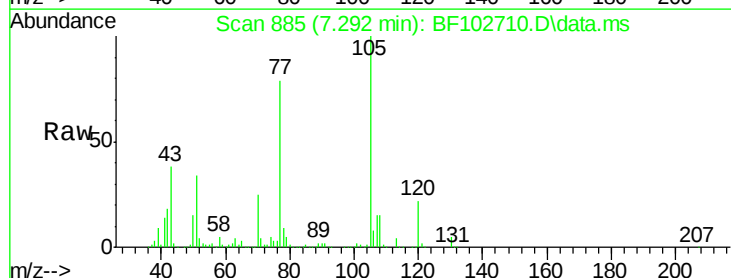
Lab File: BF102710.D

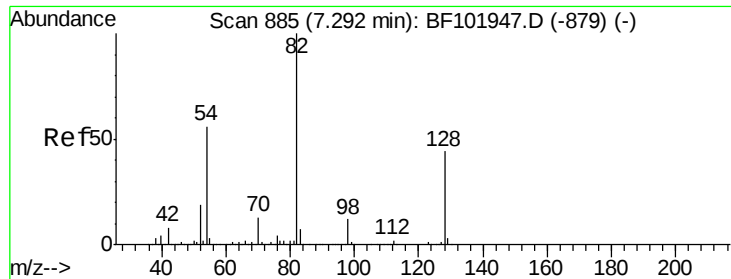
Acq: 3 Feb 2018 11:20

Tgt Ion:105 Resp: 1077400

Ion Ratio Lower Upper

105	100		
71	4.2	4.4	6.6#
51	33.9	22.3	33.5#
120	21.9	16.9	25.3

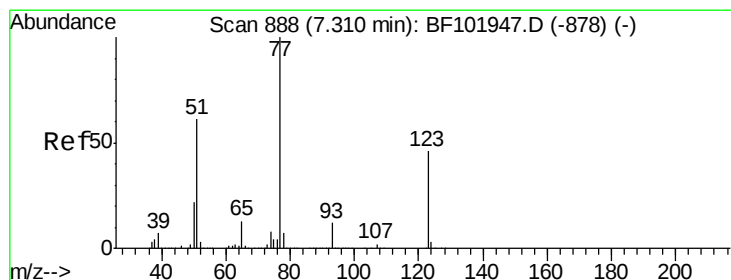
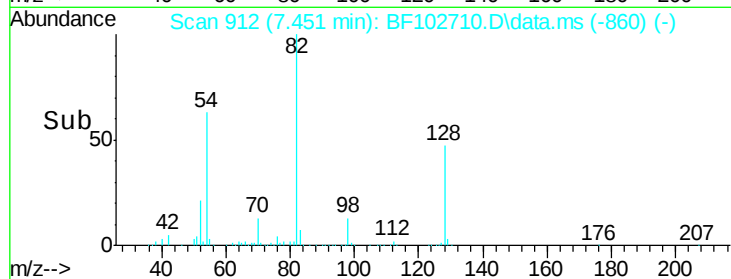
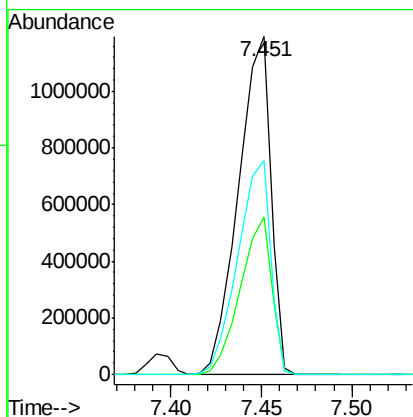
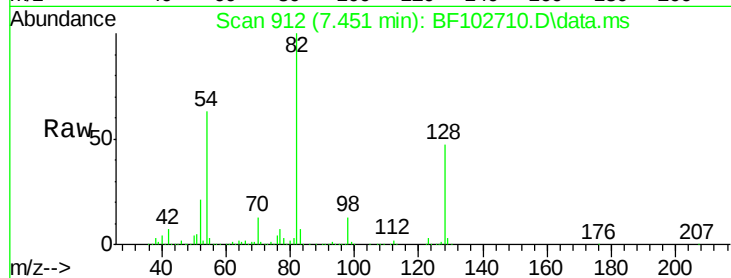




#23
 Nitrobenzene-d5
 Concen: 109.57 ng
 RT: 7.451 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

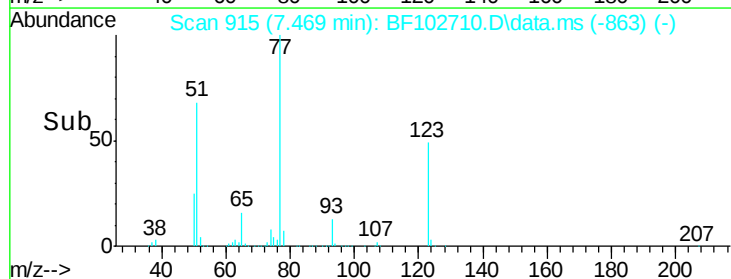
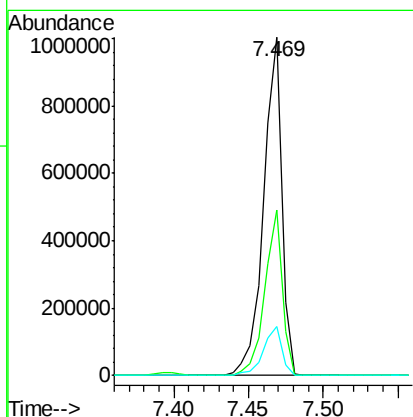
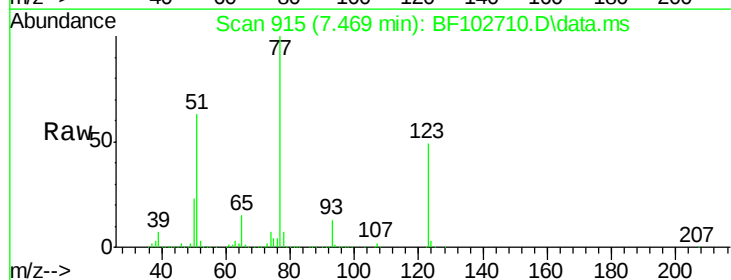
Instrument :
 BNA_F
 ClientSampleId :

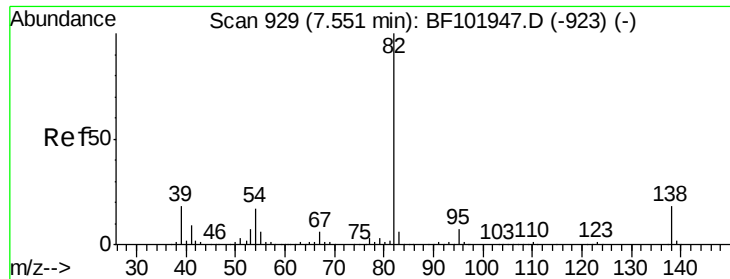
Tot Ion: 82 Resp: 1487443
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 63.2 41.4 62.2#



#24
 Nitrobenzene
 Concen: 57.56 ng
 RT: 7.469 min Scan# 915
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion: 77 Resp: 839582
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 14.6 11.0 16.4





#25

Isophorone

Concen: 59.03 ng

RT: 7.704 min Scan# 95

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

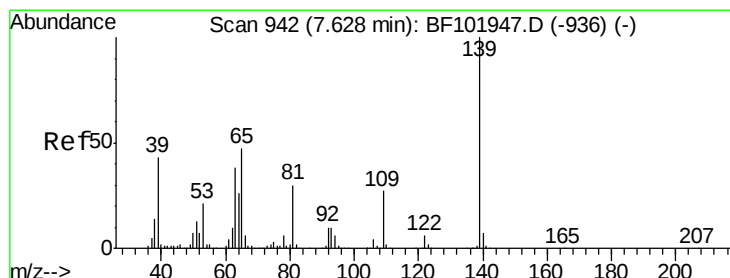
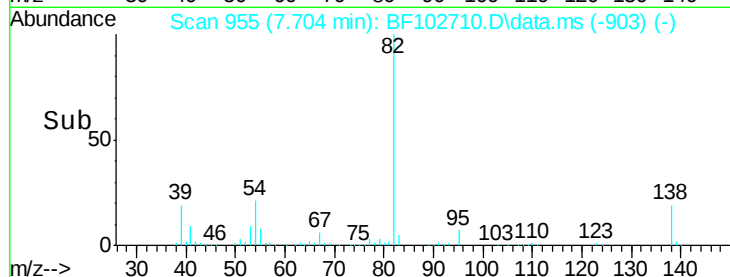
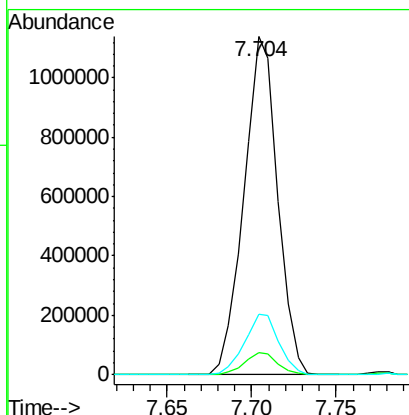
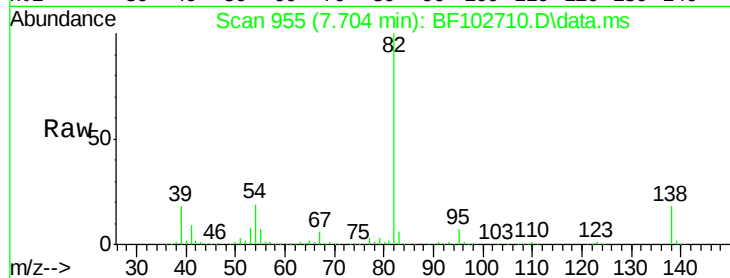
Tot Ion: 82 Resp: 1583246

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 59.90 ng

RT: 7.780 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

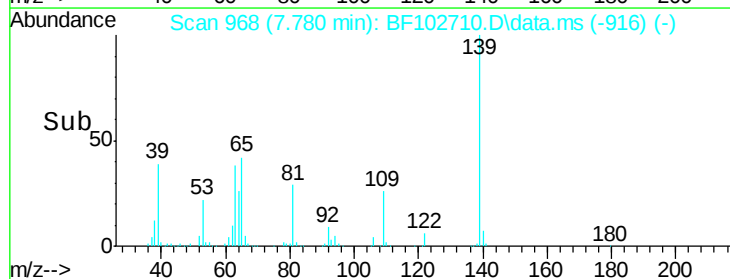
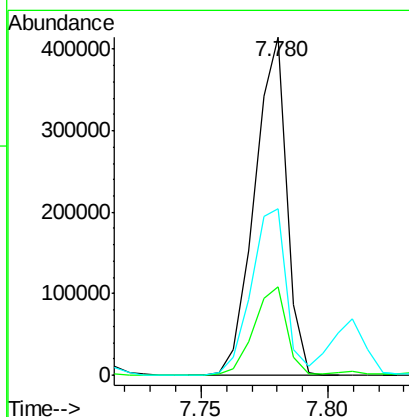
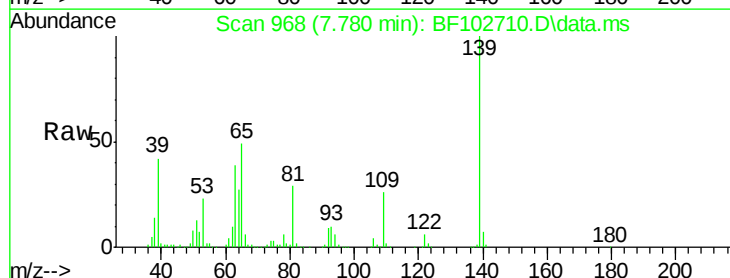
Tgt Ion: 139 Resp: 365713

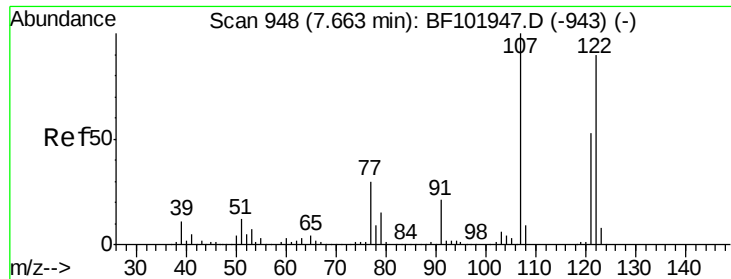
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 49.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 59.34 ng

RT: 7.810 min Scan# 97

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

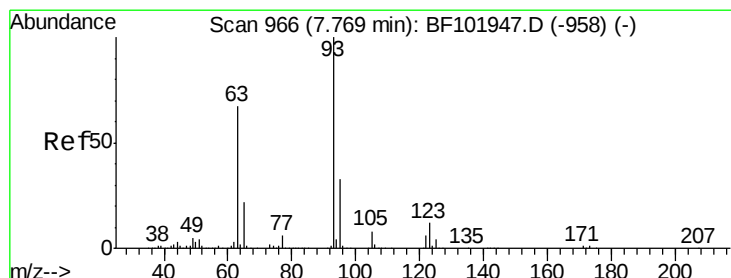
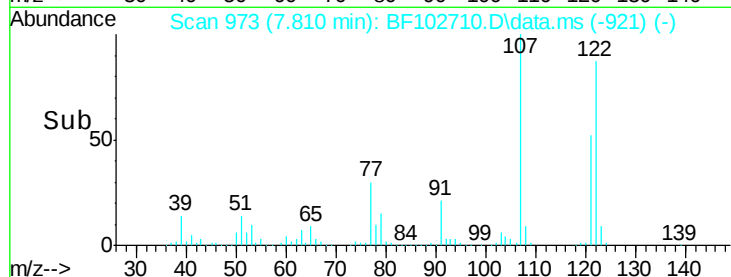
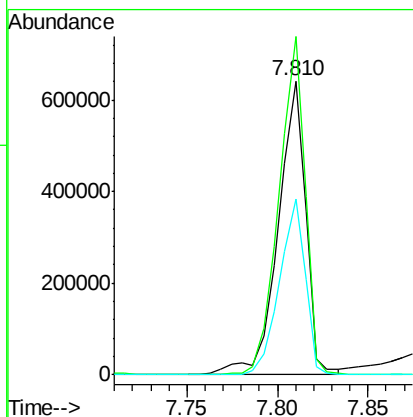
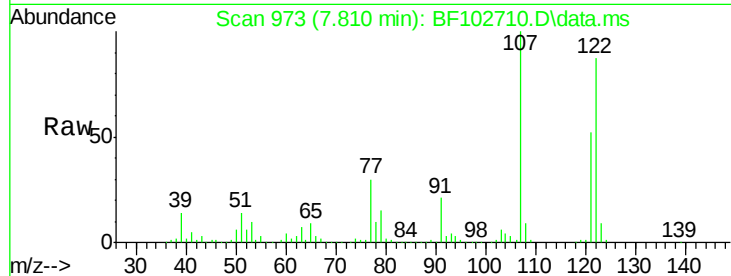
Tot Ion:122 Resp: 676600

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

121 59.7 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 57.00 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

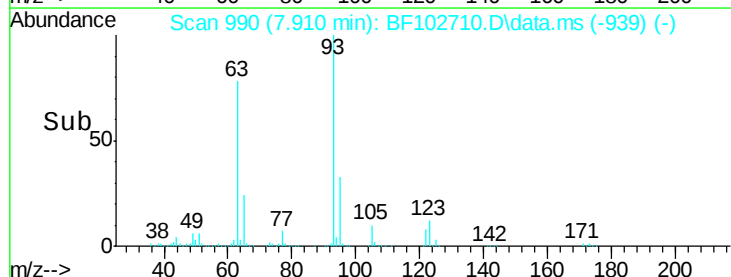
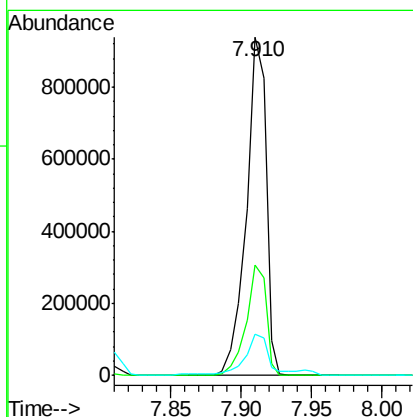
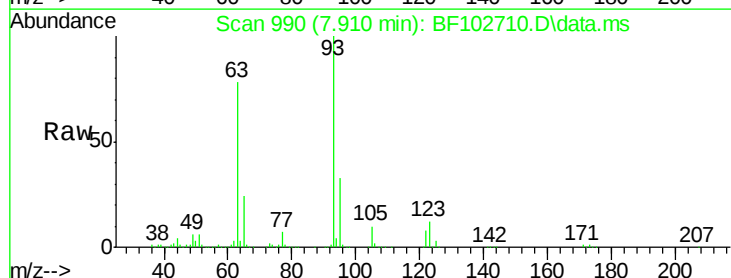
Tgt Ion: 93 Resp: 923129

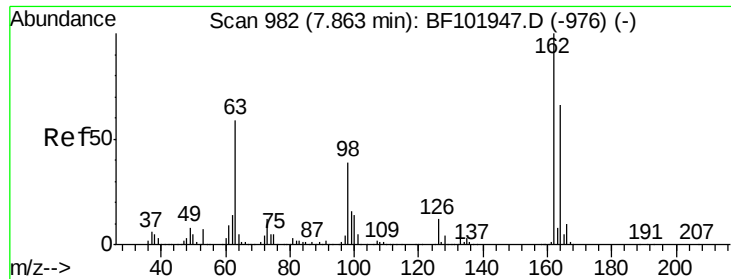
Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 12.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 58.44 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

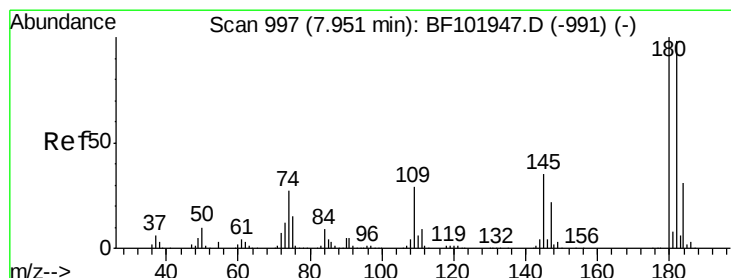
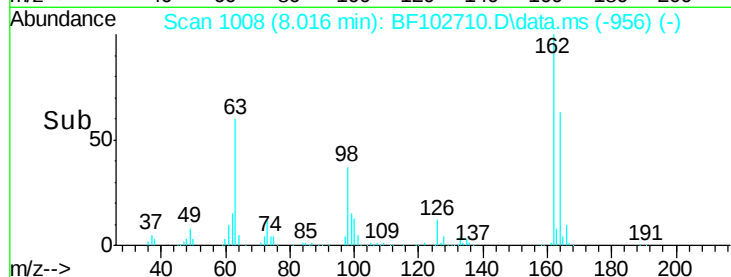
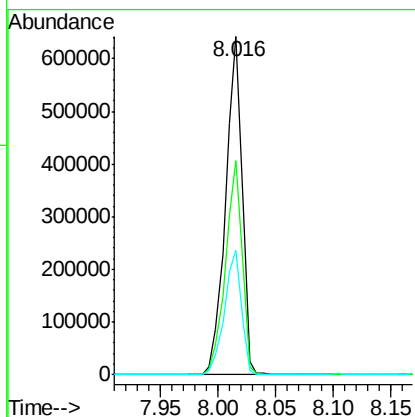
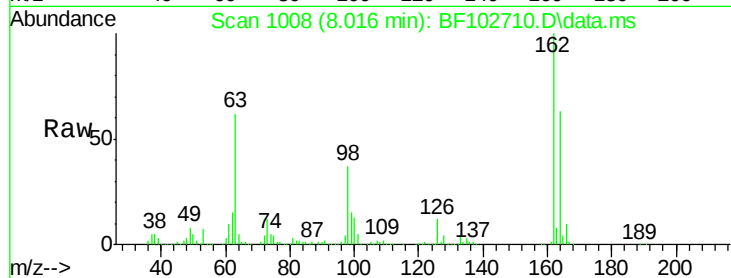
Tot Ion:162 Resp: 632738

Ion Ratio Lower Upper

162 100

164 63.2 42.7 82.7

98 36.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 58.95 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

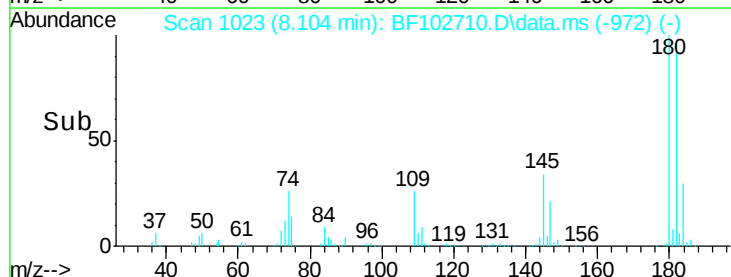
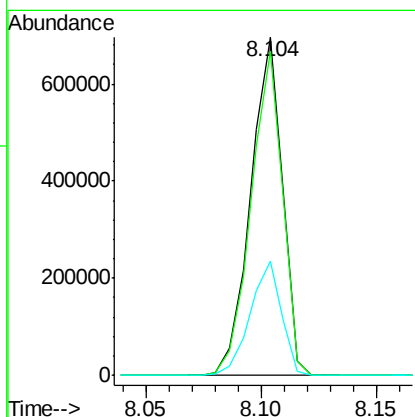
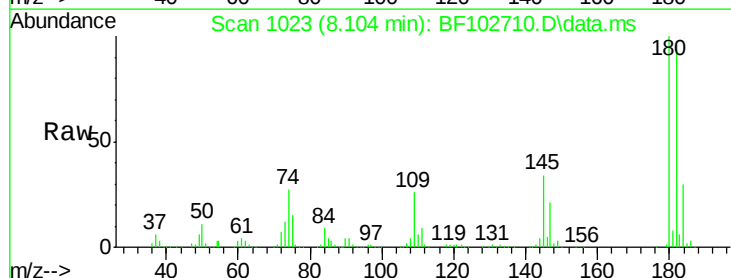
Tgt Ion:180 Resp: 667611

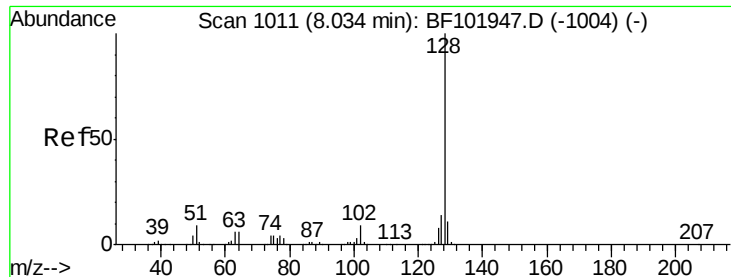
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 33.9 26.5 39.7

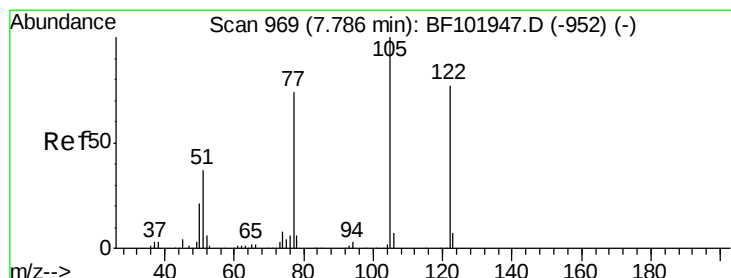
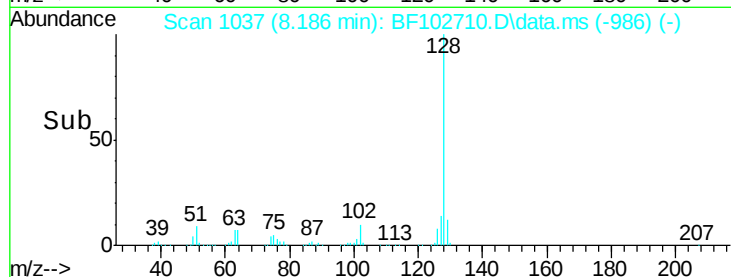
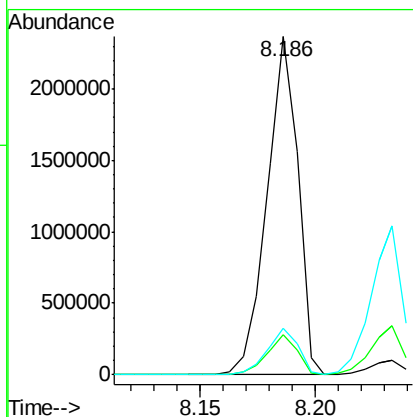
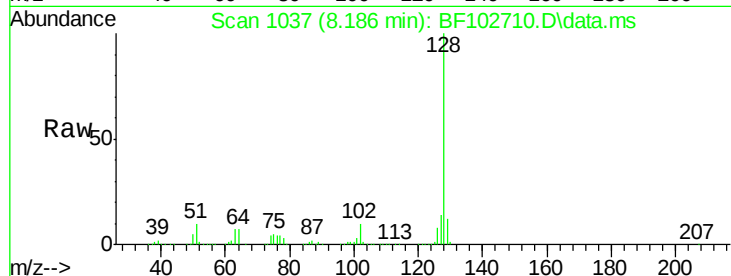




#31
Naphthalene
Concen: 55.06 ng
RT: 8.186 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

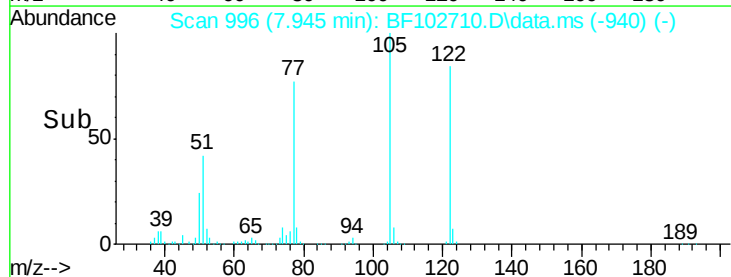
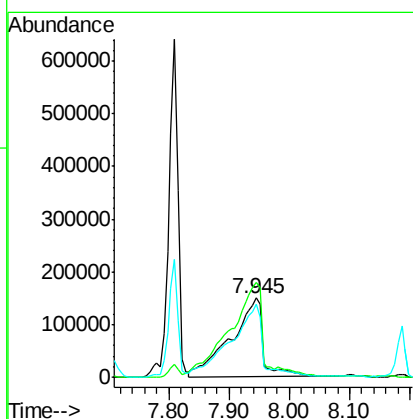
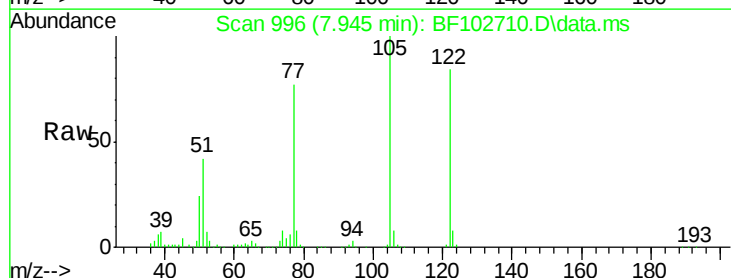
Instrument :
BNA_F
ClientSampleId :

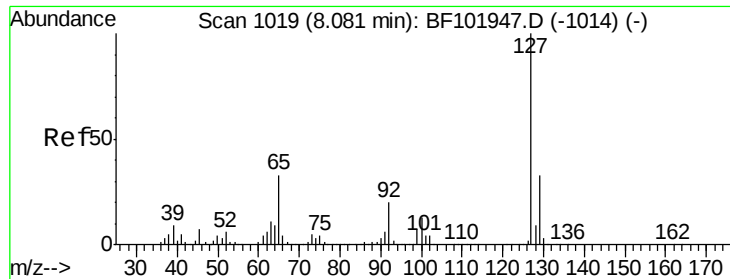
Tot Ion:128 Resp: 2194524
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 63.70 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.029 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:122 Resp: 550801
Ion Ratio Lower Upper
122 100
105 119.7 101.1 141.1
77 92.1 70.7 110.7

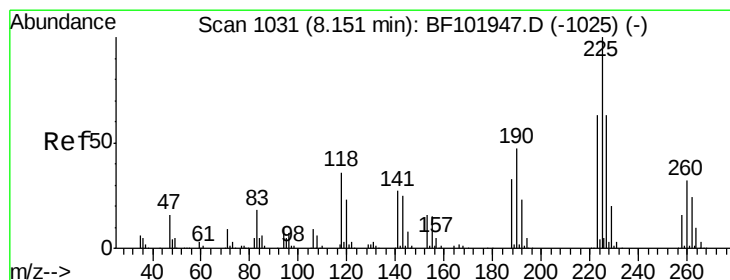
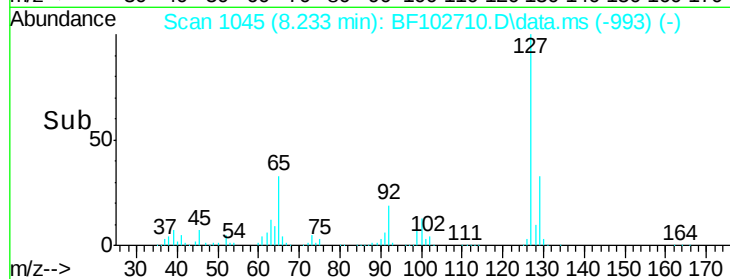
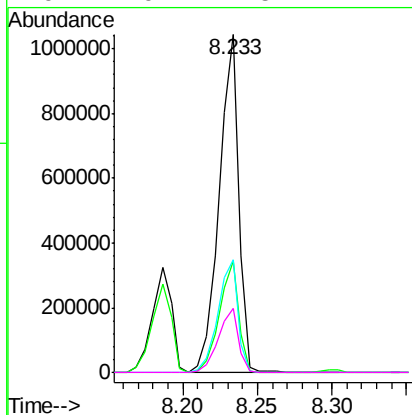
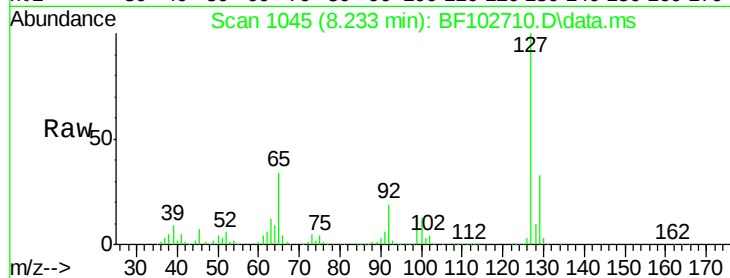




#33
4-Chloroaniline
Concen: 56.67 ng
RT: 8.233 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

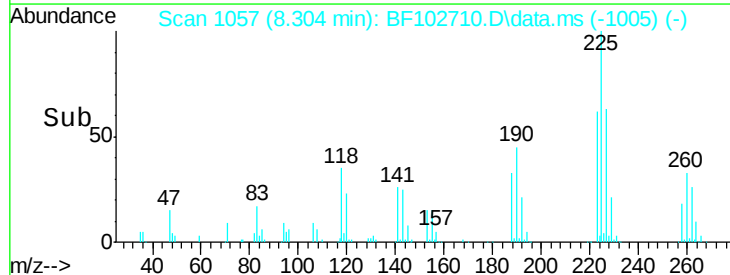
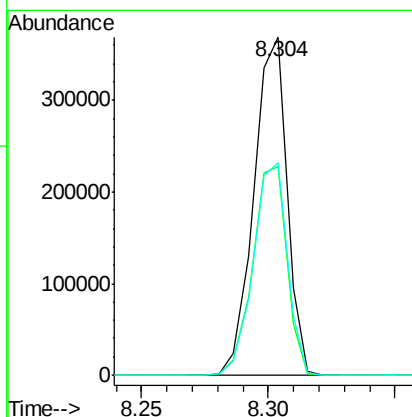
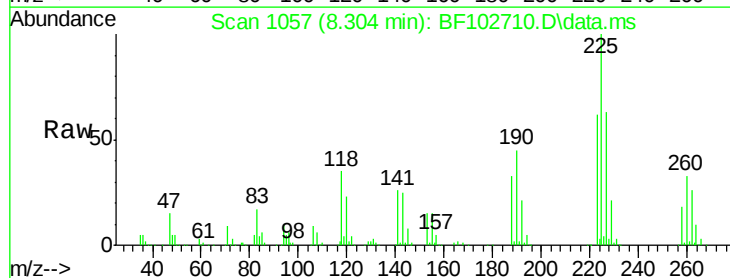
Instrument :
BNA_F
ClientSampled :

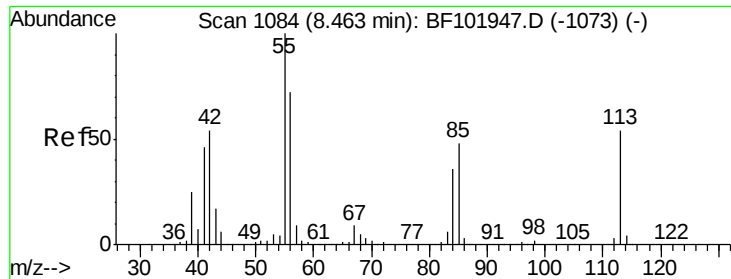
Tot Ion:	127	Resp:	964148
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	33.6	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 56.45 ng
RT: 8.304 min Scan# 1057
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:	225	Resp:	338394
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	63.1	51.9	77.9





#35

Caprolactam

Concen: 61.62 ng

RT: 8.622 min Scan# 1111

Delta R.T. 0.018 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

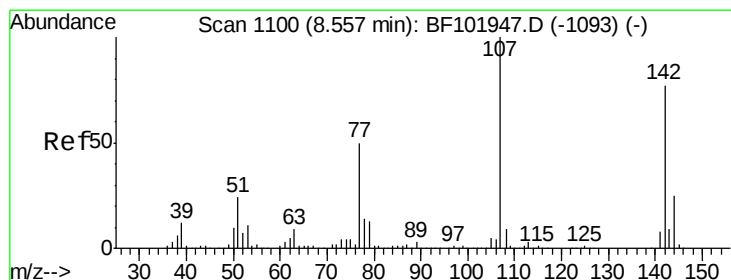
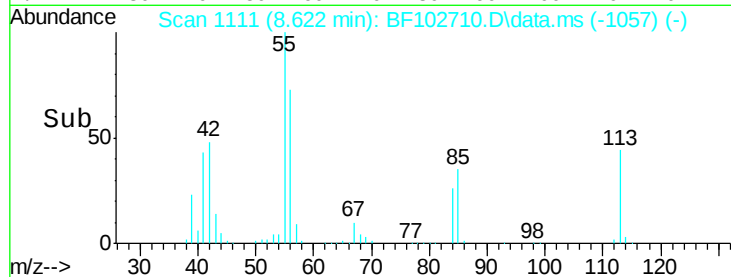
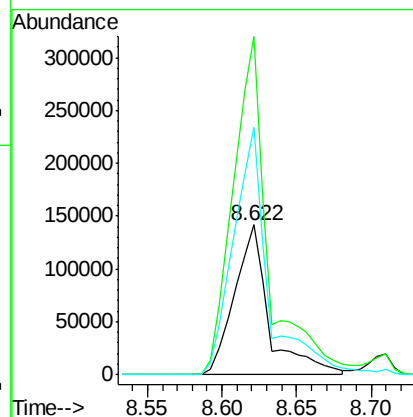
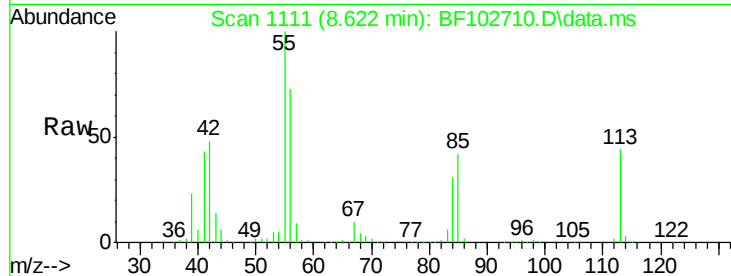
Tot Ion:113 Resp: 229031

Ion Ratio Lower Upper

113 100

55 225.9 163.3 203.3#

56 165.5 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 58.39 ng

RT: 8.710 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

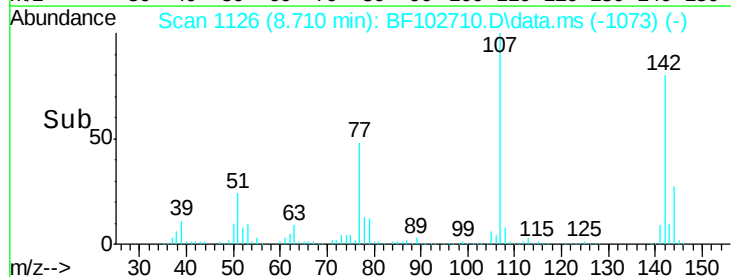
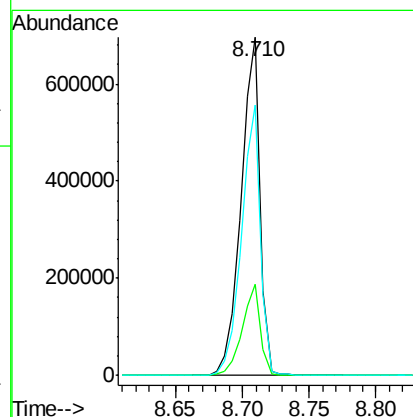
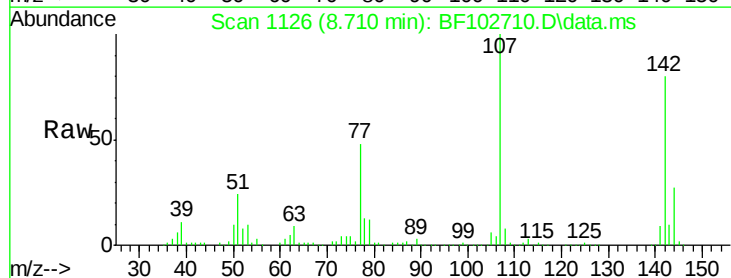
Tgt Ion:107 Resp: 691946

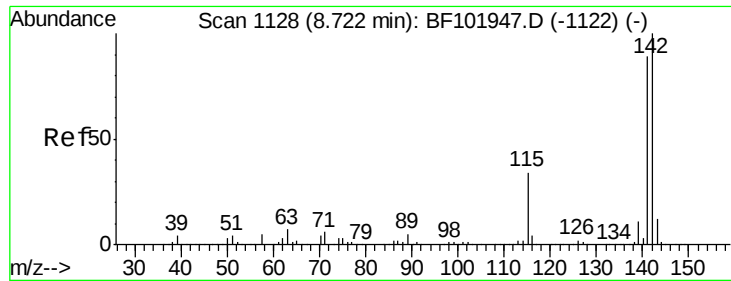
Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

142 80.0 62.0 93.0

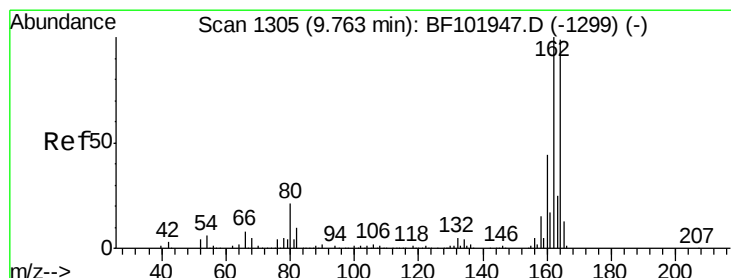
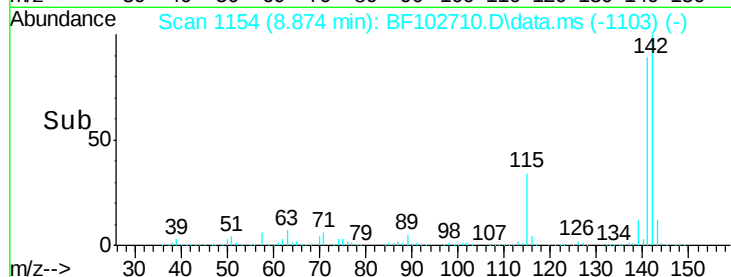
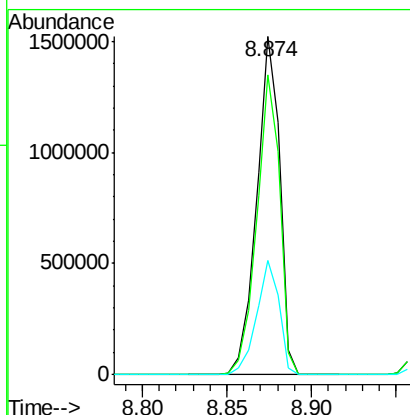
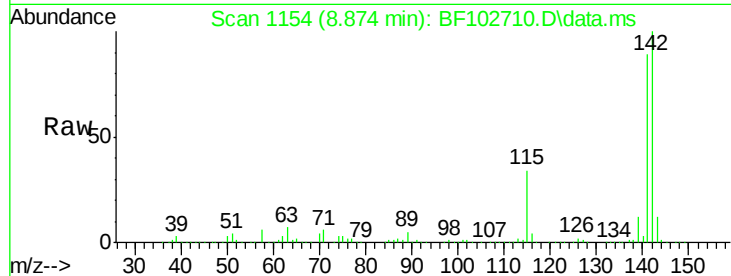




#37
2-Methylnaphthalene
Concen: 55.18 ng
RT: 8.874 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

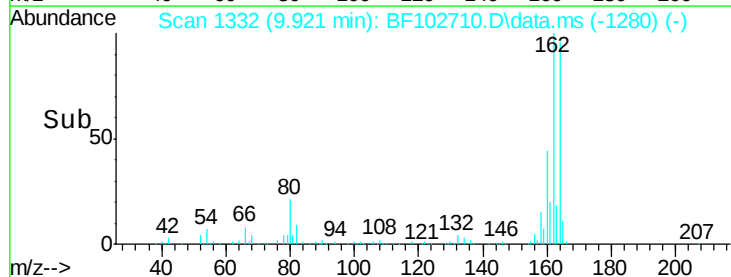
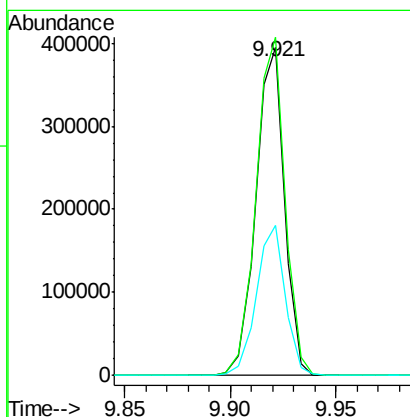
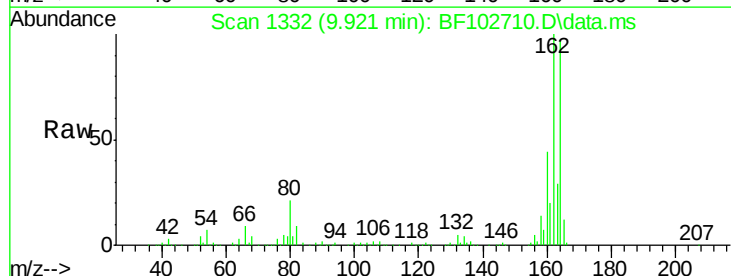
Instrument :
BNA_F
ClientSampleId :

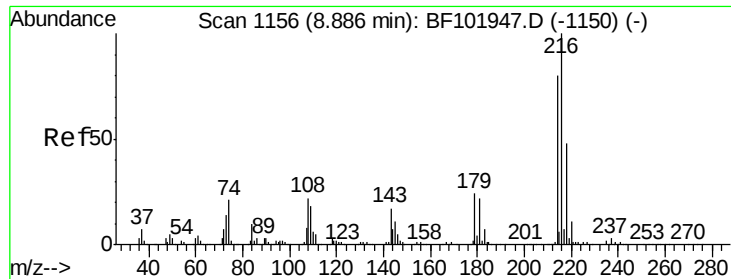
Tot Ion:142 Resp: 1448046
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 33.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:164 Resp: 371549
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.09 ng

RT: 9.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 568522

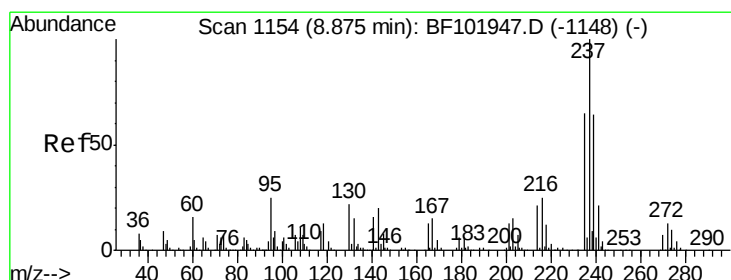
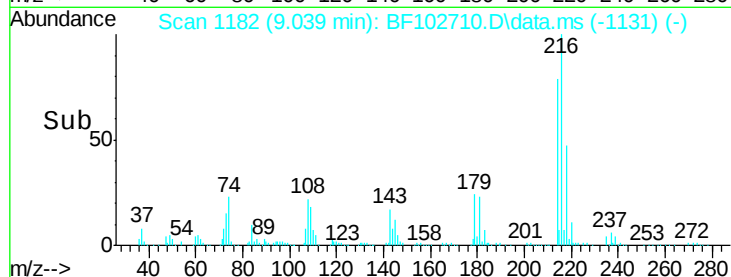
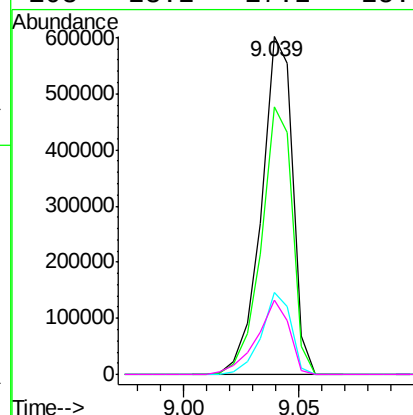
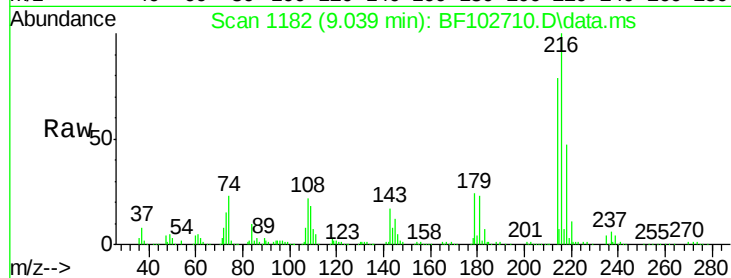
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.2 18.1 27.1

108 23.2 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 54.58 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

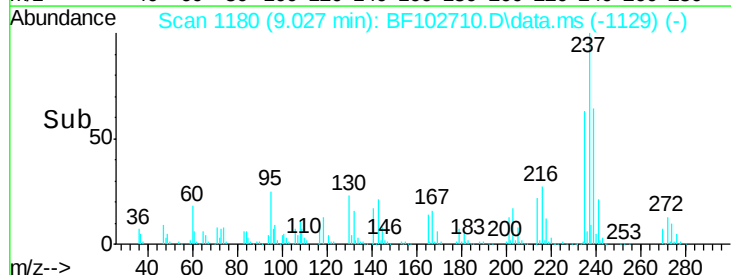
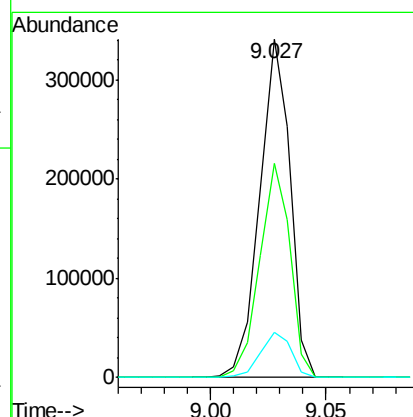
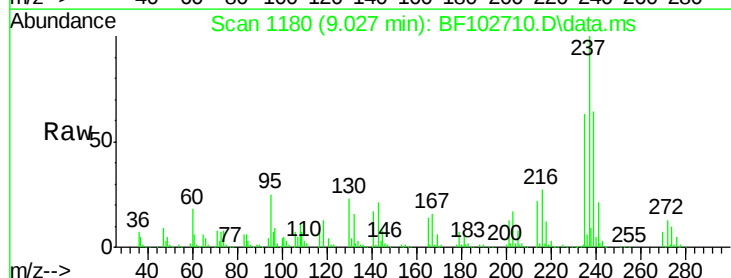
Tgt Ion:237 Resp: 313765

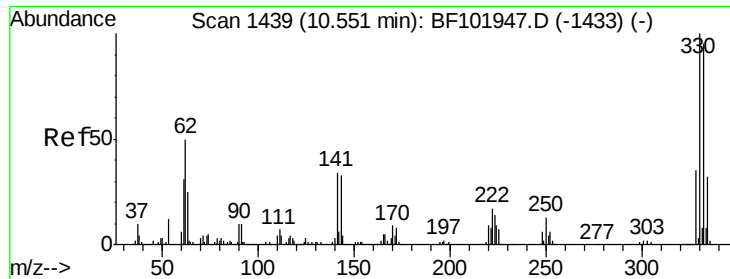
Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

272 13.5 0.0 33.3

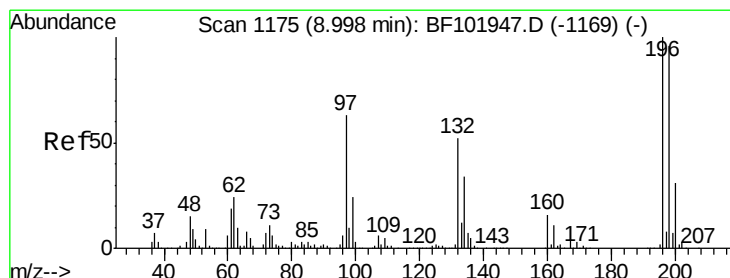
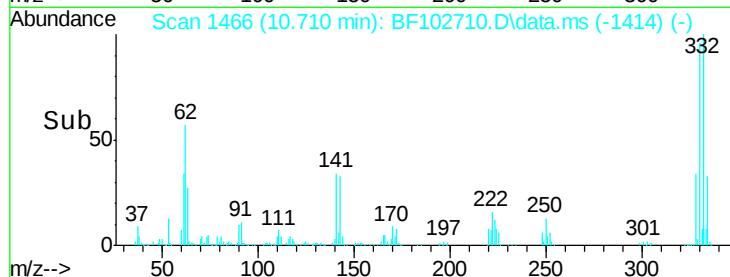
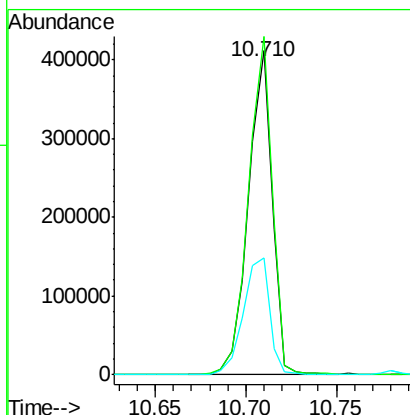
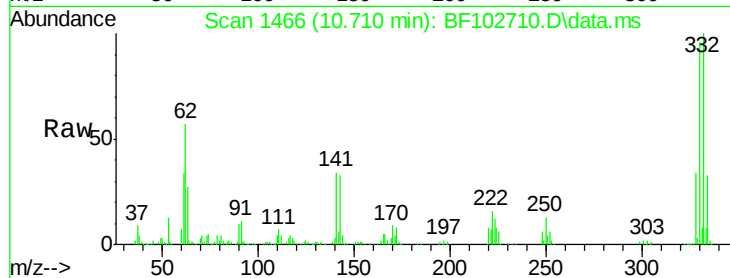




#41
 2,4,6-Tribromophenol
 Concen: 116.11 ng
 RT: 10.710 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

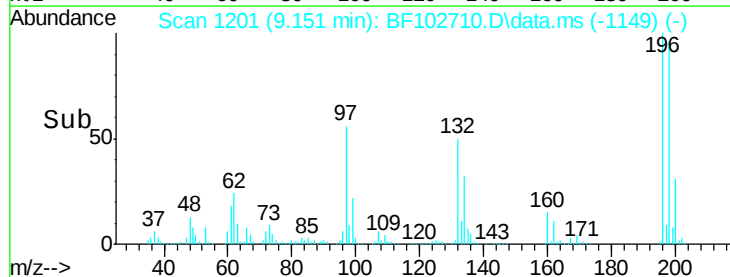
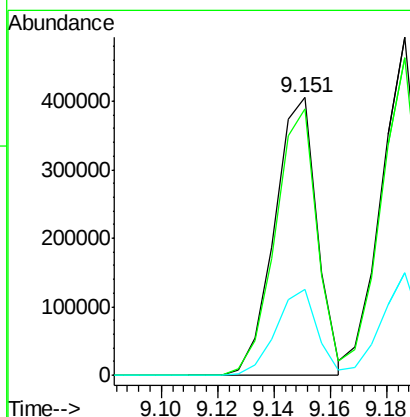
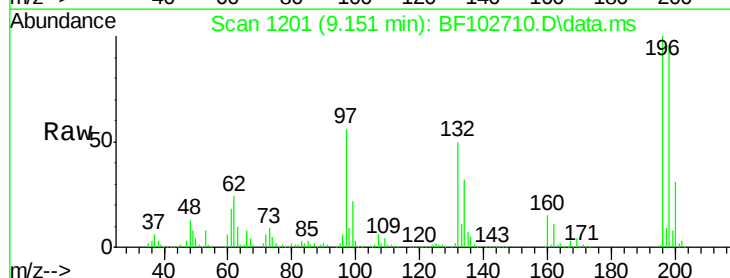
Instrument :
 BNA_F
 ClientSampleId :

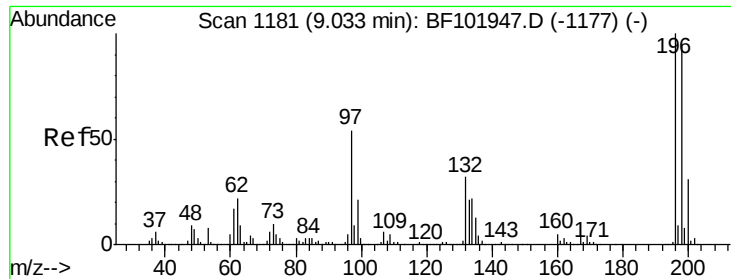
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.2	77.0	115.6
141	39.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 58.48 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	31.0	24.5	36.7

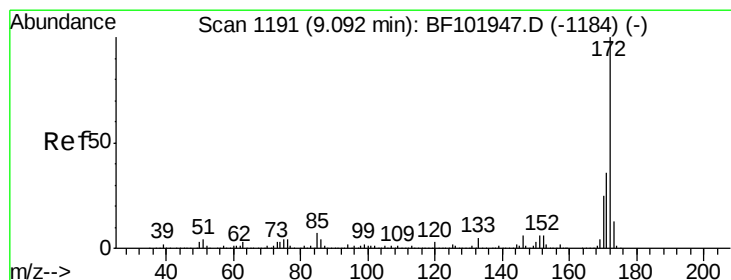
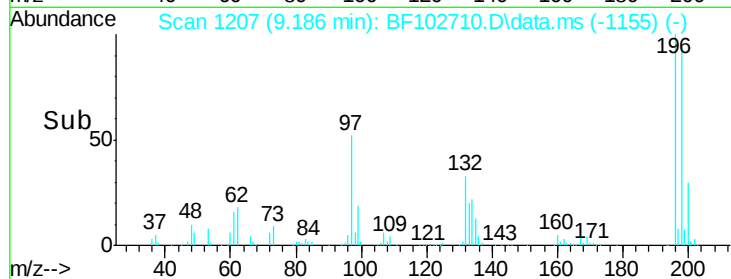
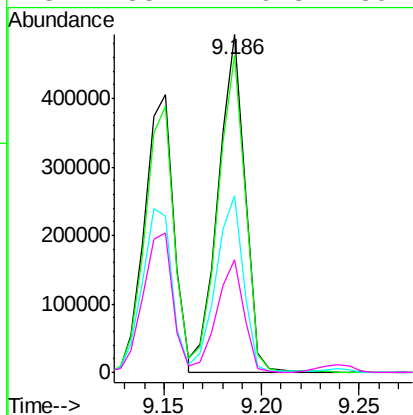
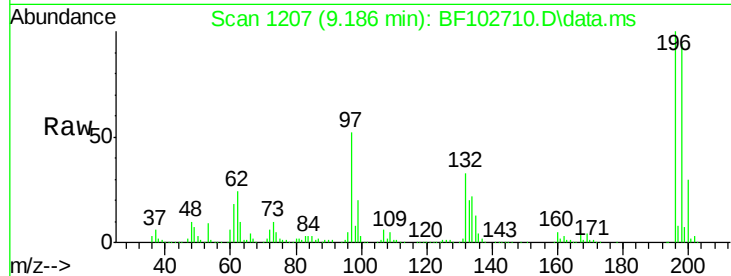




#43
 2,4,5-Trichlorophenol
 Concen: 57.29 ng
 RT: 9.186 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

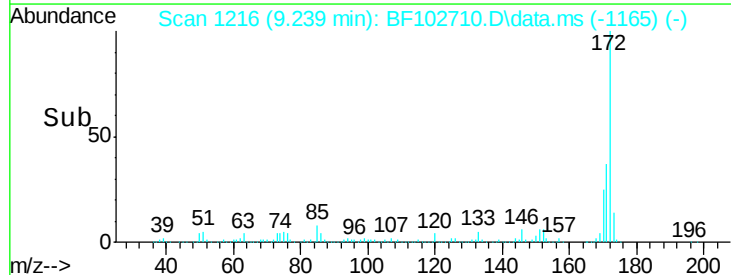
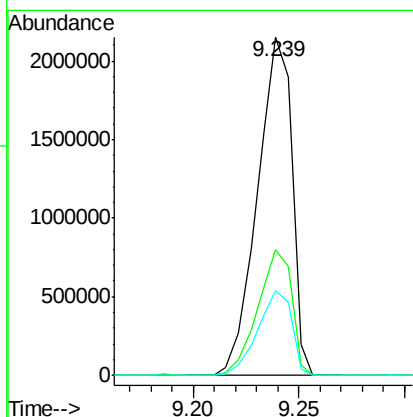
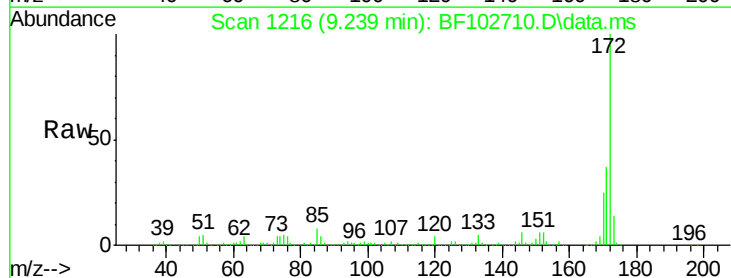
Instrument :
 BNA_F
 ClientSampleId :

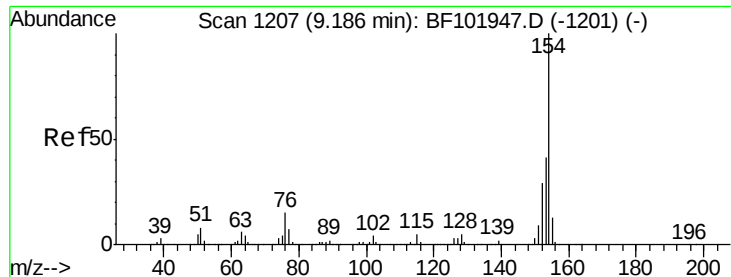
Tot Ion:196 Resp: 469037
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 52.3 42.9 64.3
 132 33.2 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 102.84 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:172 Resp: 2445876
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.0 19.6 29.4

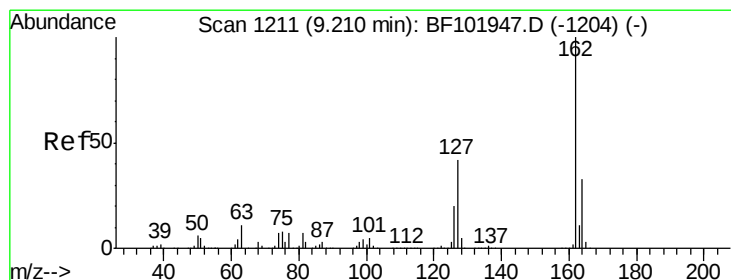
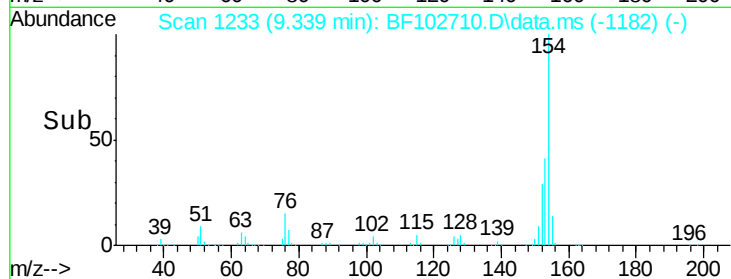
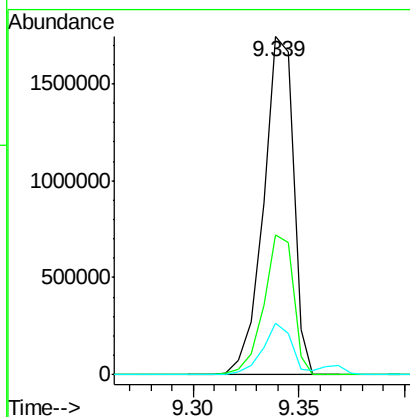
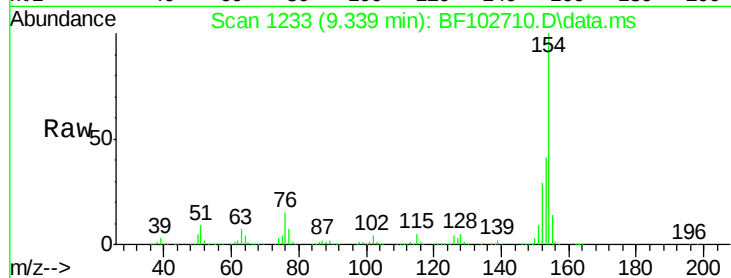




#45
 1,1'-Biphenyl
 Concen: 52.49 ng
 RT: 9.339 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

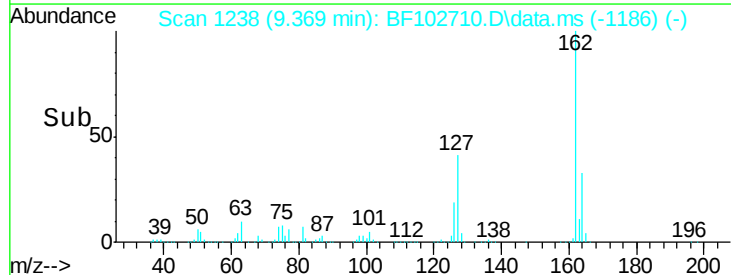
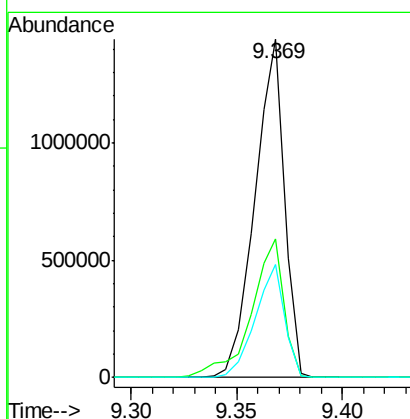
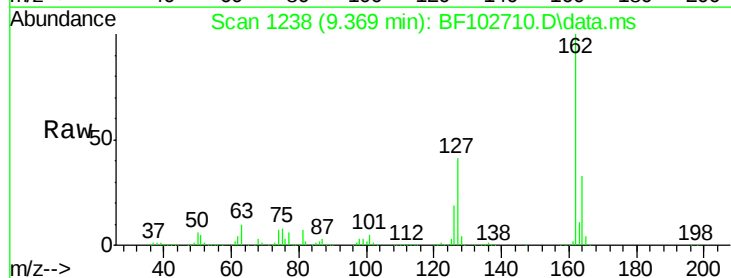
Instrument :
 BNA_F
 ClientSampleId :

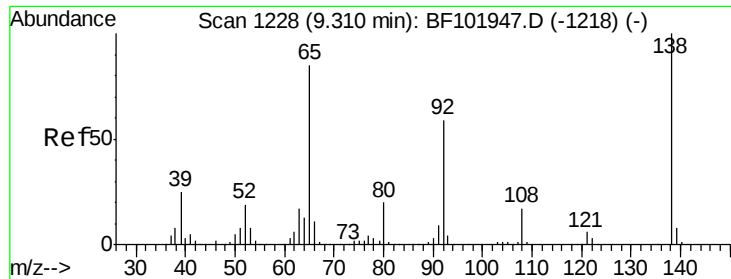
Tot Ion:154 Resp: 1723890
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 15.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 54.88 ng
 RT: 9.369 min Scan# 1238
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:162 Resp: 1397575
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 33.3 26.5 39.7

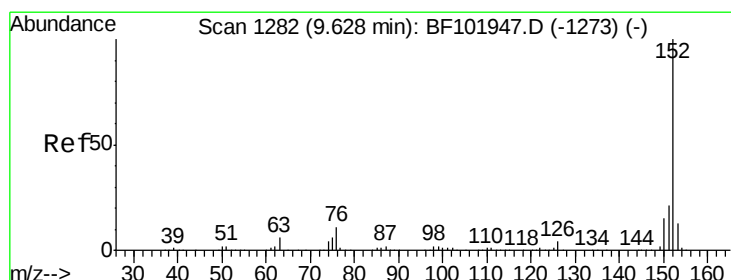
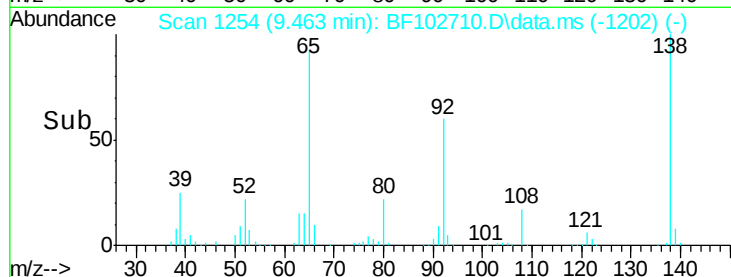
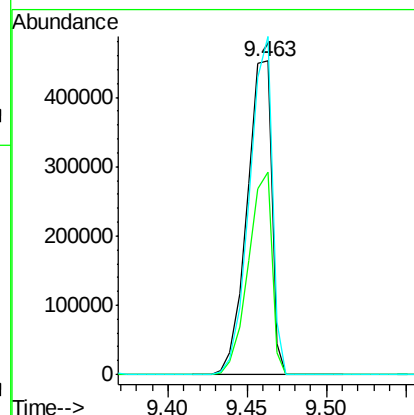
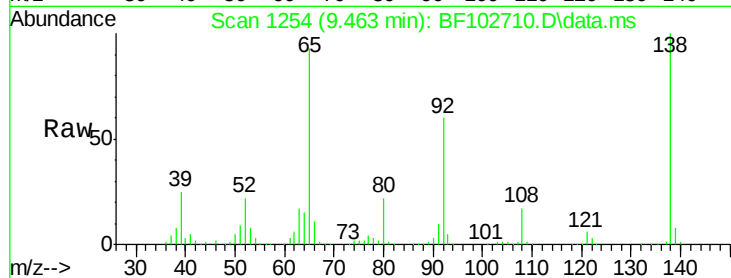




#47
2-Nitroaniline
Concen: 63.87 ng
RT: 9.463 min Scan# 121
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

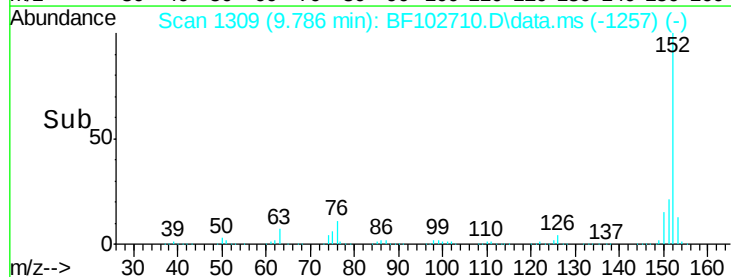
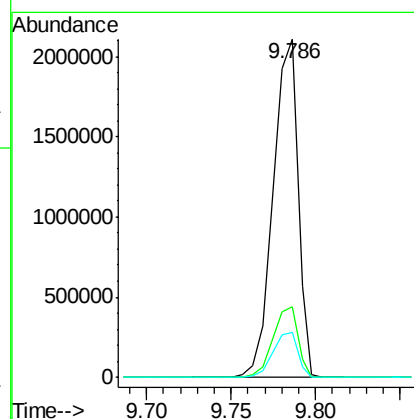
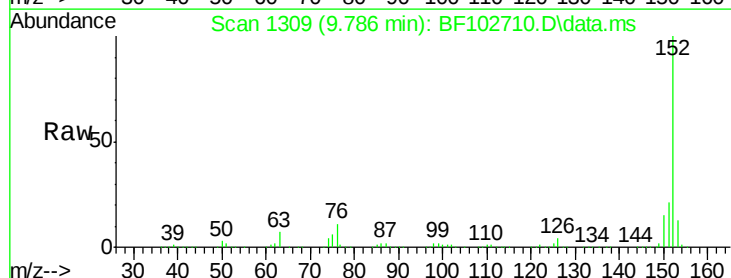
Instrument :
BNA_F
ClientSampleId :

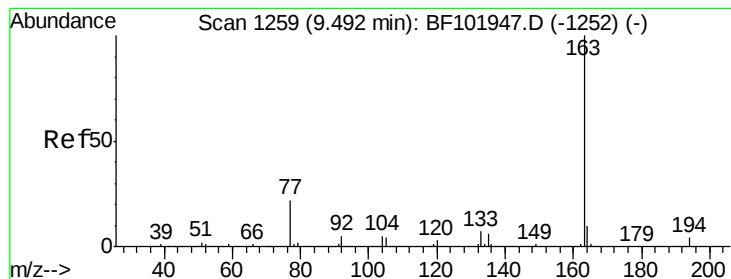
Tot Ion: 65 Resp: 487265
Ion Ratio Lower Upper
65 100
92 64.4 55.8 83.6
138 107.8 91.2 136.8



#48
Acenaphthylene
Concen: 53.16 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion: 152 Resp: 2148624
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 56.30 ng

RT: 9.645 min Scan# 12

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

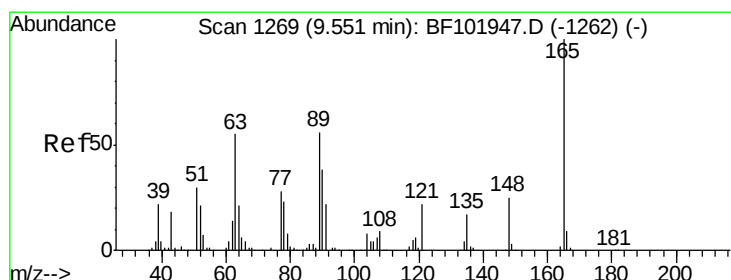
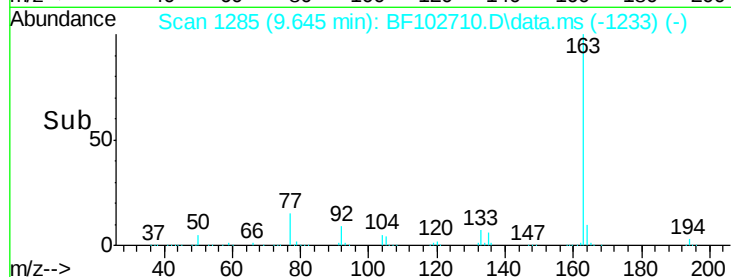
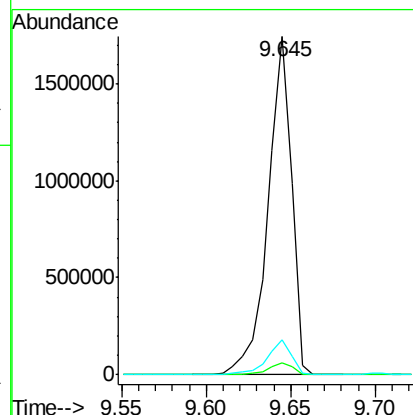
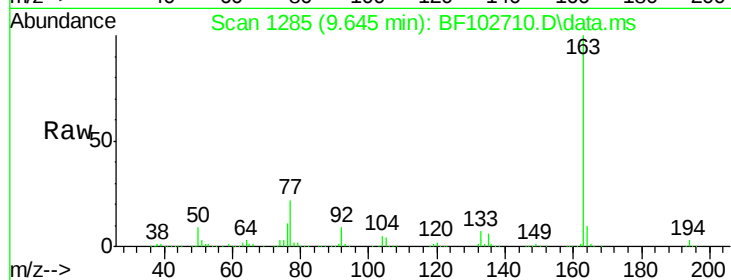
Tot Ion:163 Resp: 1678088

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.4 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 61.46 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

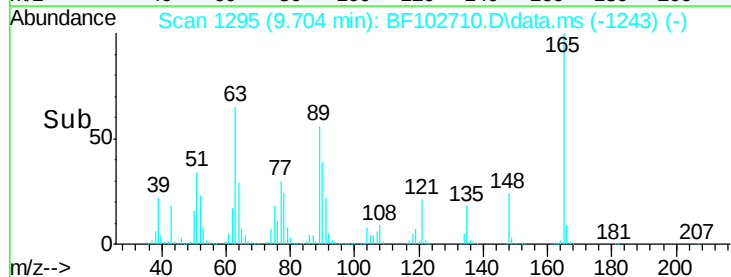
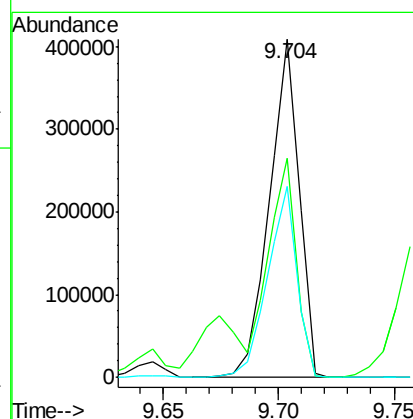
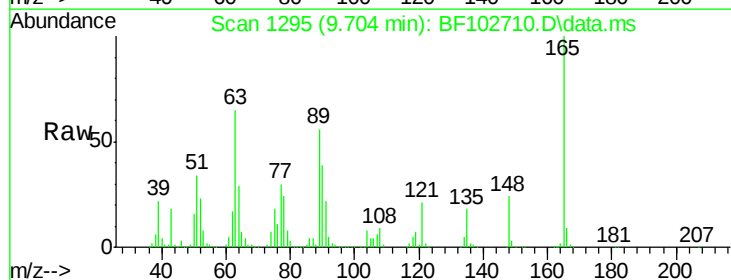
Tgt Ion:165 Resp: 365944

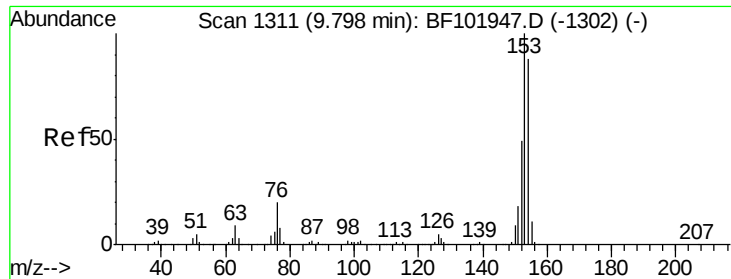
Ion Ratio Lower Upper

165 100

63 64.7 44.7 67.1

89 56.4 44.0 66.0





#51

Acenaphthene

Concen: 52.45 ng

RT: 9.957 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

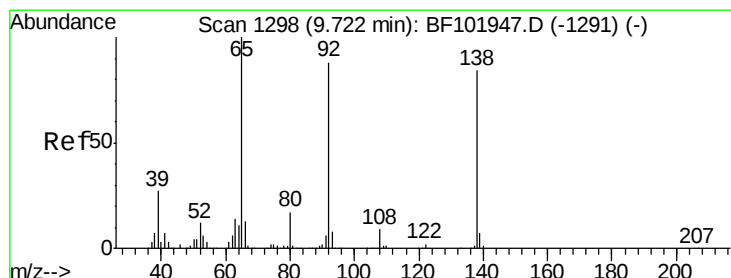
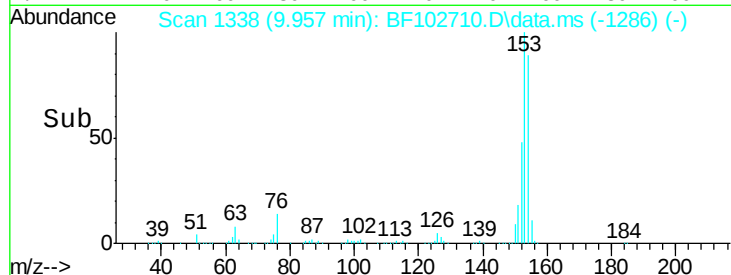
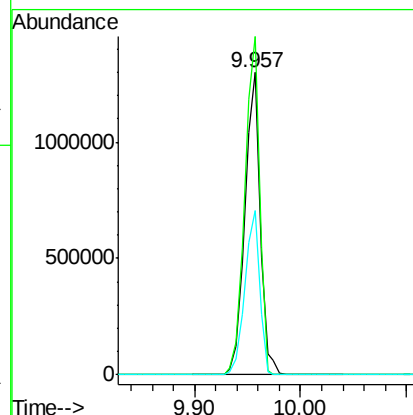
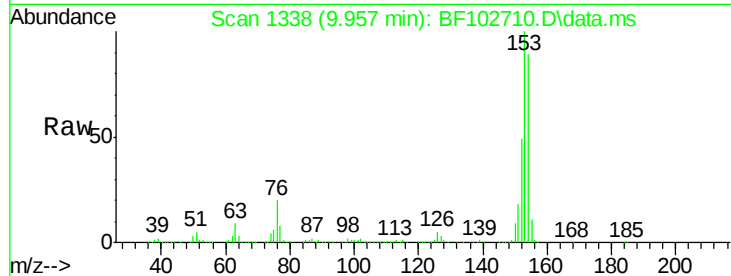
Tot Ion:154 Resp: 1286712

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

152 54.3 43.8 65.8



#52

3-Nitroaniline

Concen: 58.62 ng

RT: 9.874 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

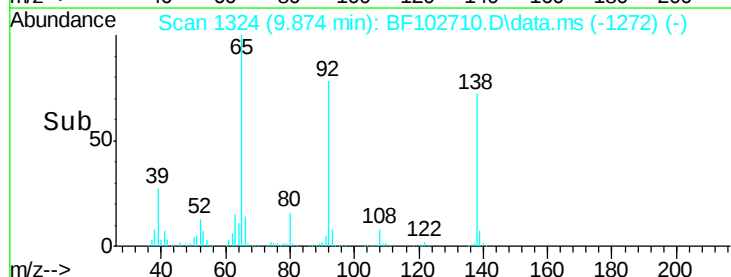
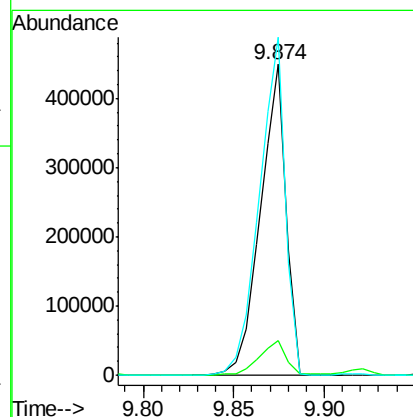
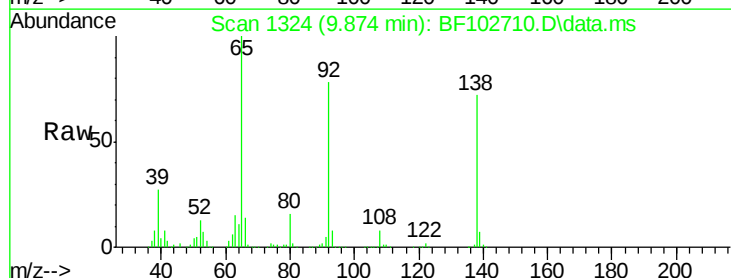
Tgt Ion:138 Resp: 440488

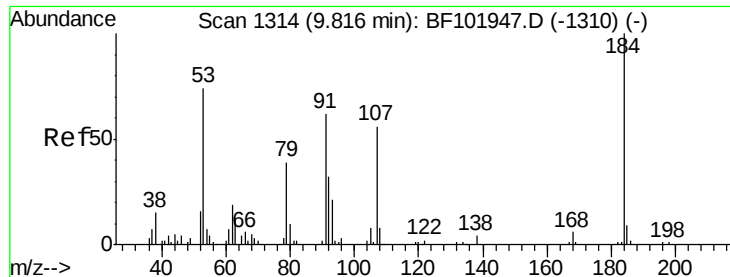
Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

92 108.8 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 53.95 ng

RT: 9.969 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

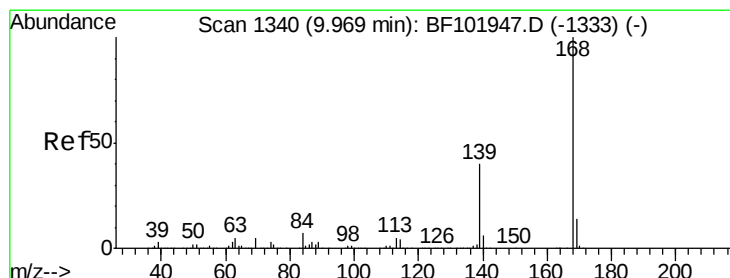
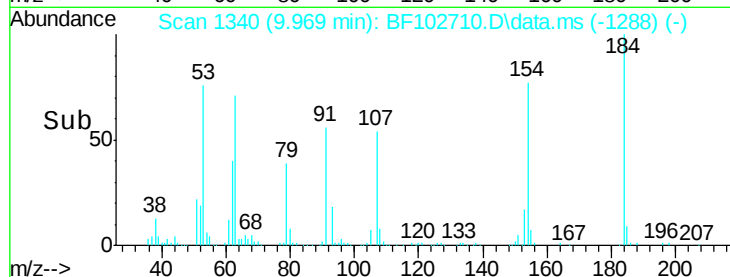
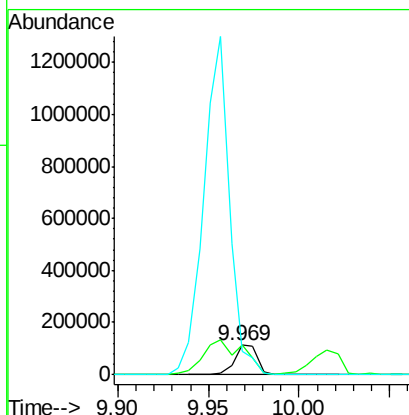
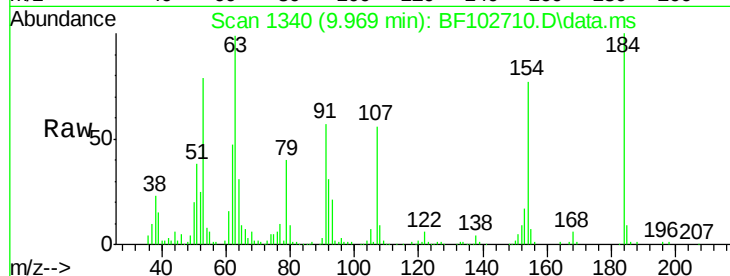
Tot Ion:184 Resp: 97877

Ion Ratio Lower Upper

184 100

63 98.8 54.2 81.2#

154 77.0 184.0 276.0#



#54

Dibenzofuran

Concen: 53.44 ng

RT: 10.127 min Scan# 1367

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

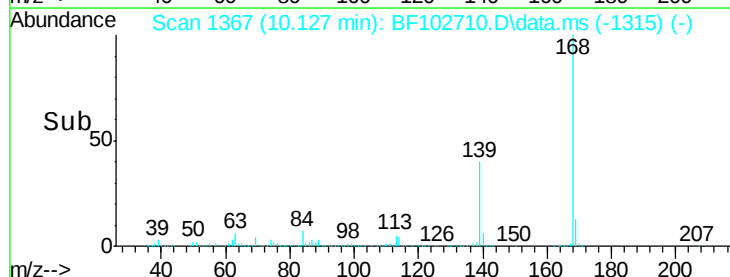
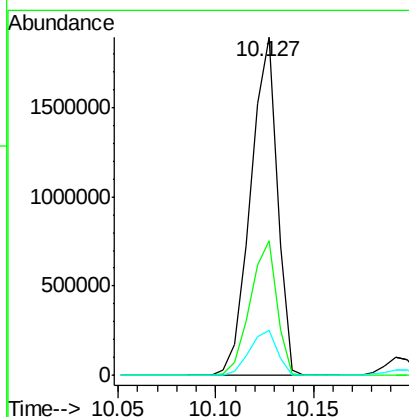
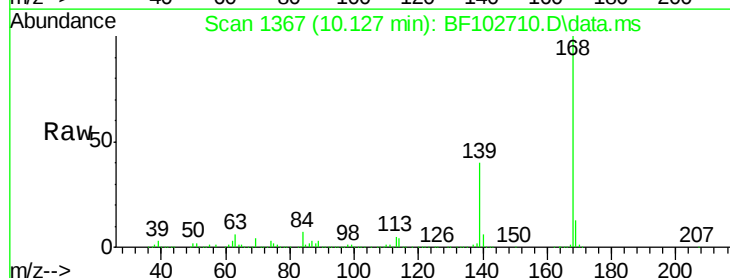
Tgt Ion:168 Resp: 1799032

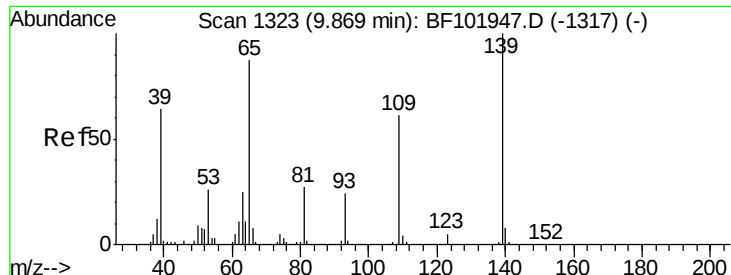
Ion Ratio Lower Upper

168 100

139 39.7 30.1 45.1

169 13.5 10.9 16.3

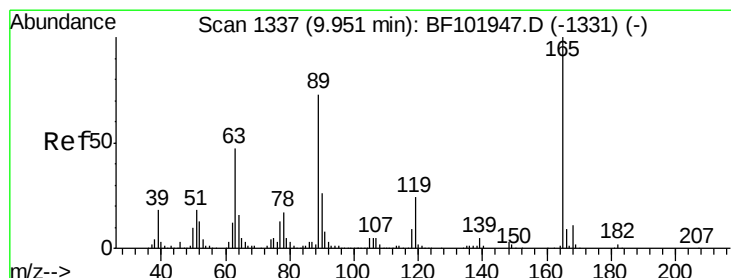
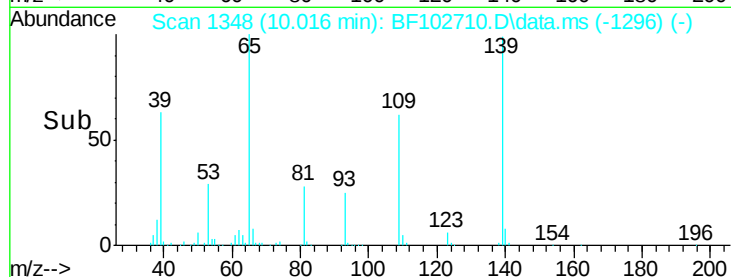
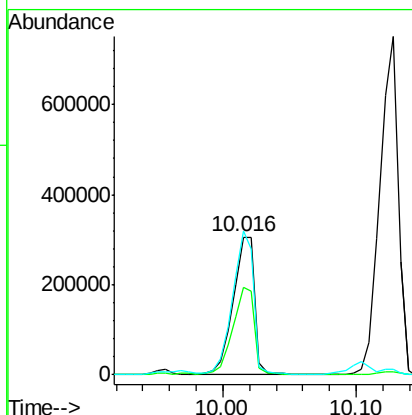
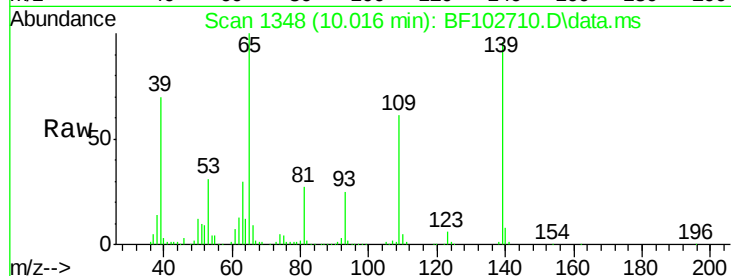




#55
4-Nitrophenol
Concen: 61.76 ng
RT: 10.016 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

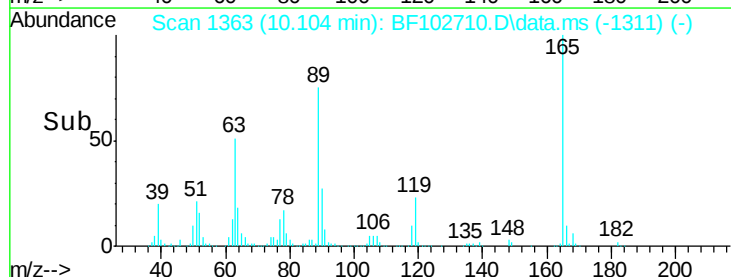
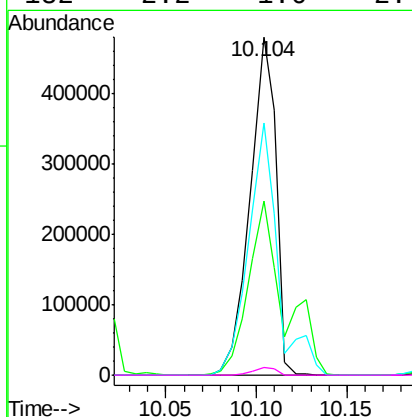
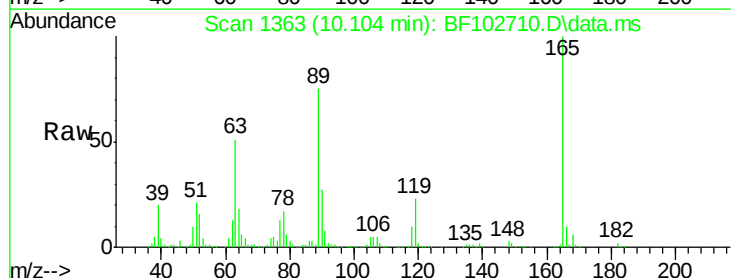
Instrument :
BNA_F
ClientSampleId :

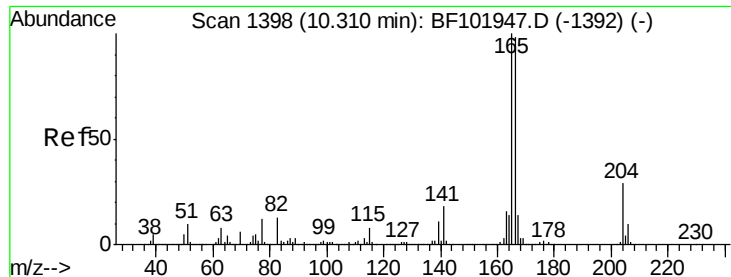
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.4	48.4	88.4
65	104.0	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 63.91 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	36.4	54.6
89	74.8	57.8	86.6
182	2.2	1.6	2.4



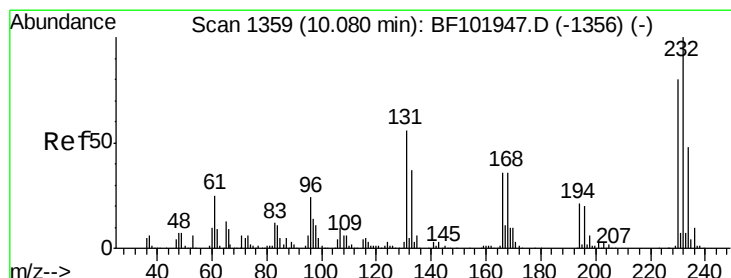
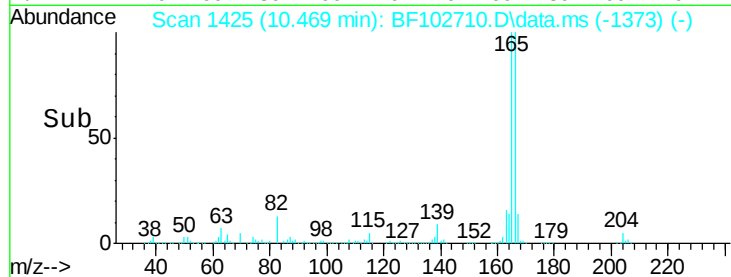
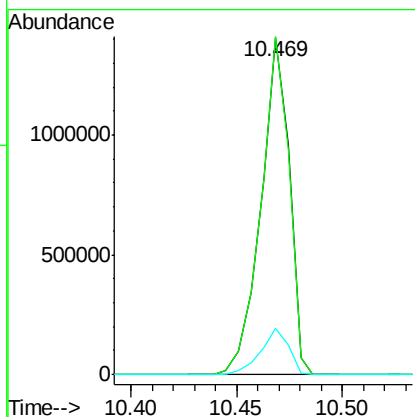
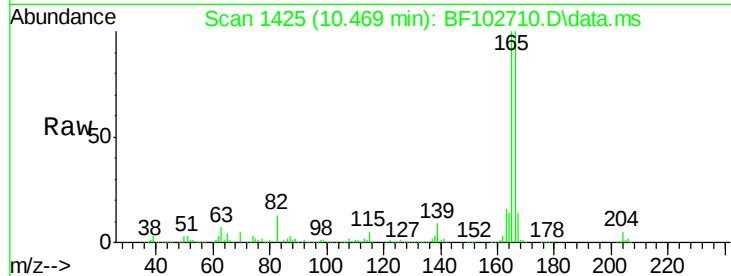


#57
Fluorene
 Concen: 56.39 ng
 RT: 10.469 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1312387

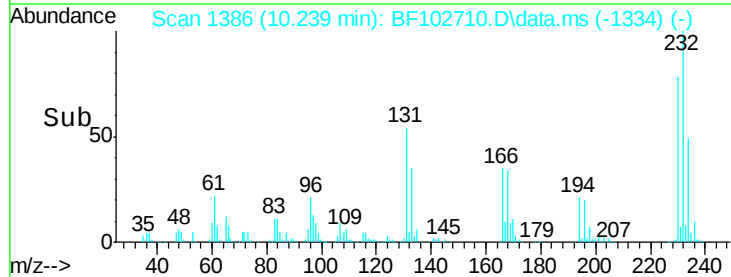
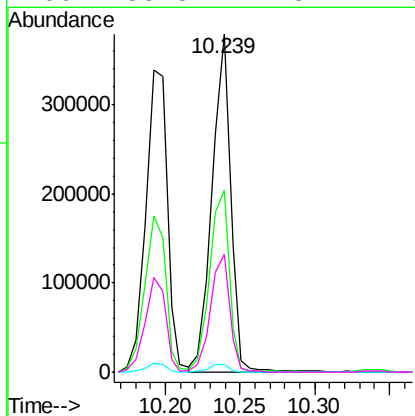
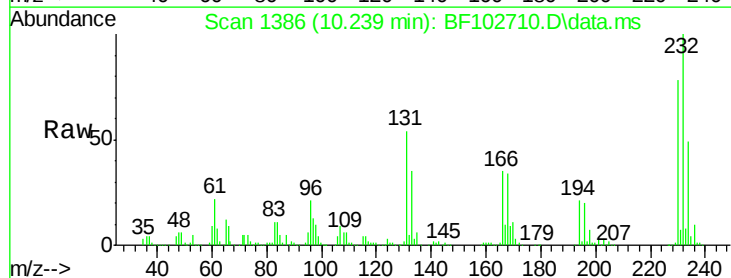
Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	13.7	10.6	16.0

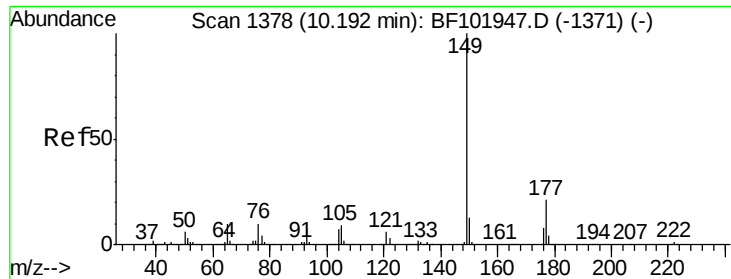


#58
2,3,4,6-Tetrachlorophenol
 Concen: 56.47 ng
 RT: 10.239 min Scan# 1386
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:232 Resp: 329152

Ion	Ratio	Lower	Upper
232	100		
131	56.7	43.8	65.8
130	2.7	2.1	3.1
166	35.8	27.8	41.6

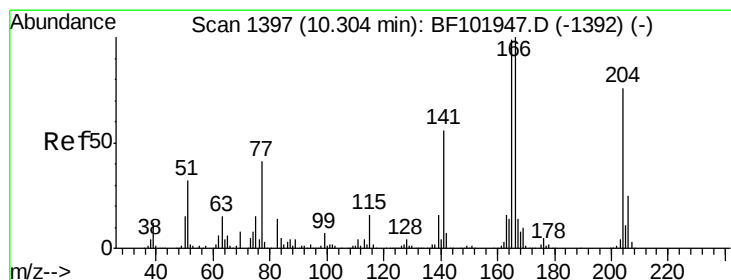
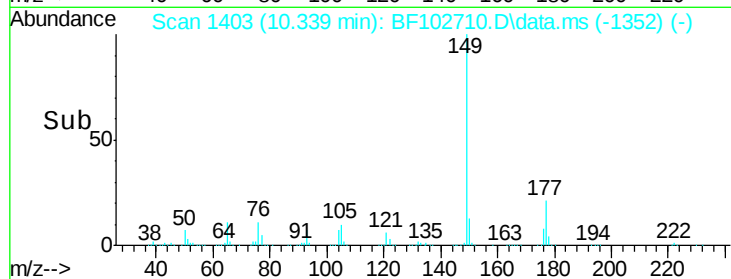
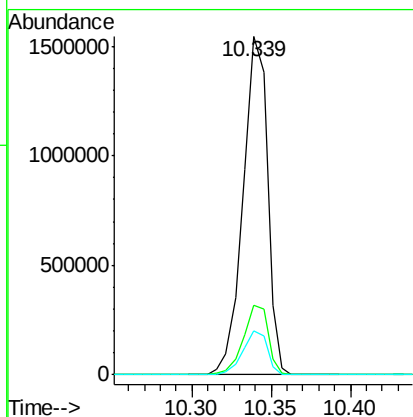
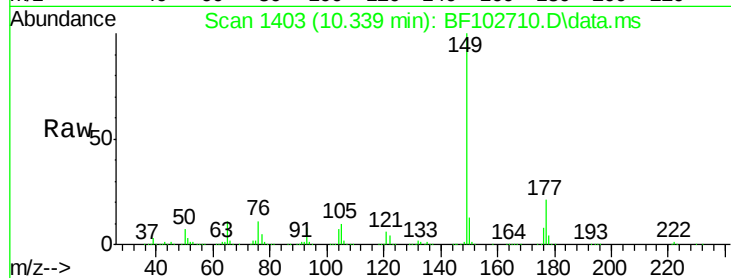




#59
Diethylphthalate
Concen: 55.76 ng
RT: 10.339 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

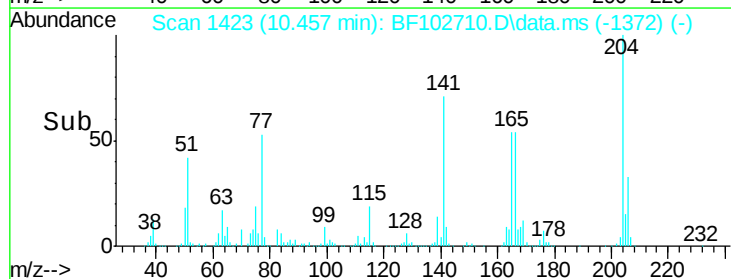
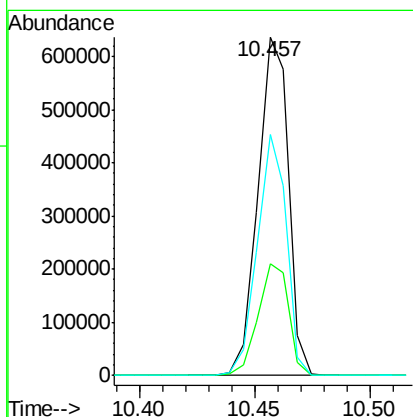
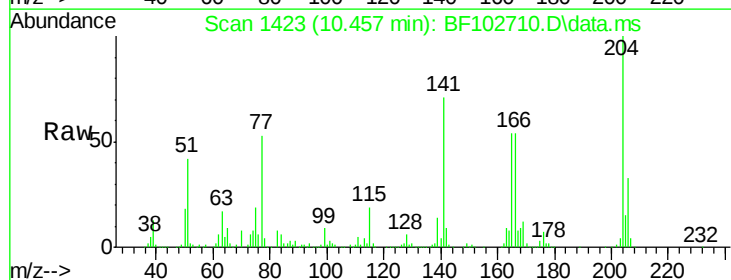
Instrument :
BNA_F
ClientSampled :

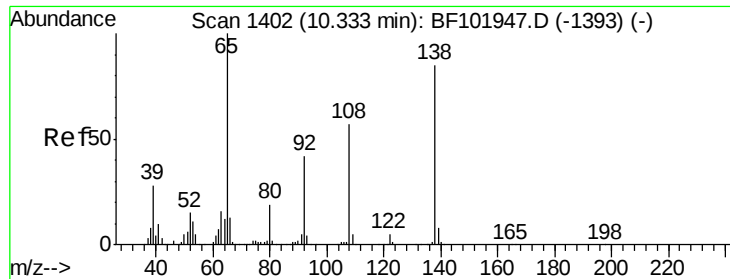
Tot Ion:149 Resp: 1653354
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 58.98 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:204 Resp: 584537
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 71.3 54.6 81.8

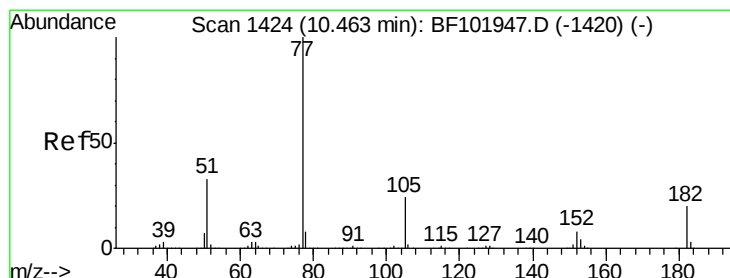
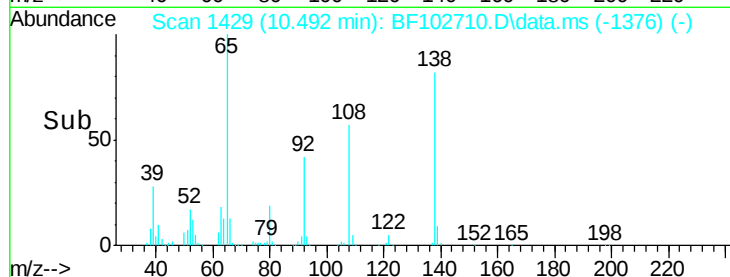
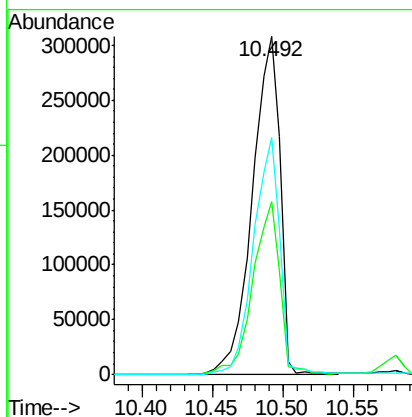
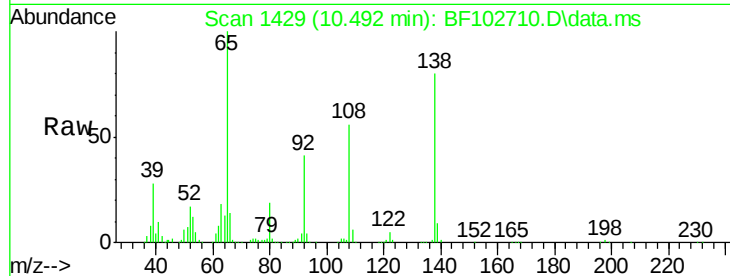




#61
4-Nitroaniline
Concen: 59.79 ng
RT: 10.492 min Scan# 1402
Delta R.T. 0.012 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

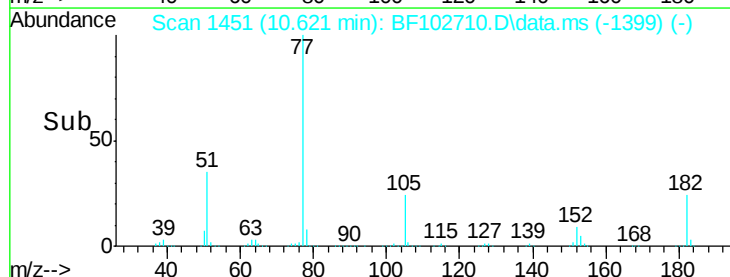
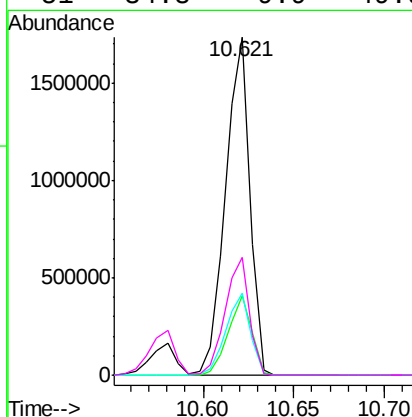
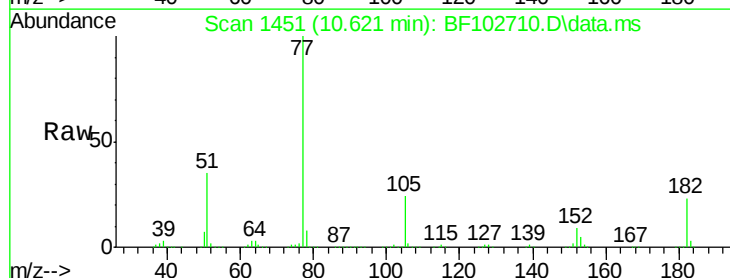
Instrument :
BNA_F
ClientSampleId :

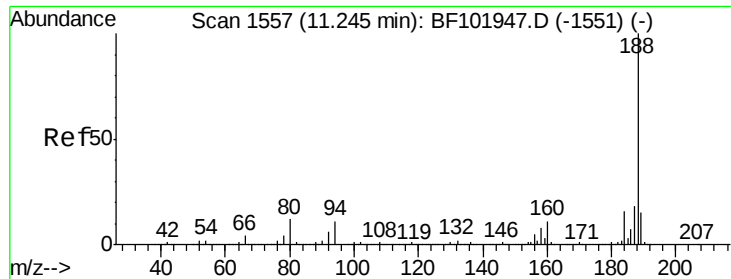
Tot Ion:138 Resp: 426370
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 70.2 52.5 92.5



#62
Azobenzene
Concen: 55.10 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion: 77 Resp: 1625391
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.3 3.0 43.0
51 34.8 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: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

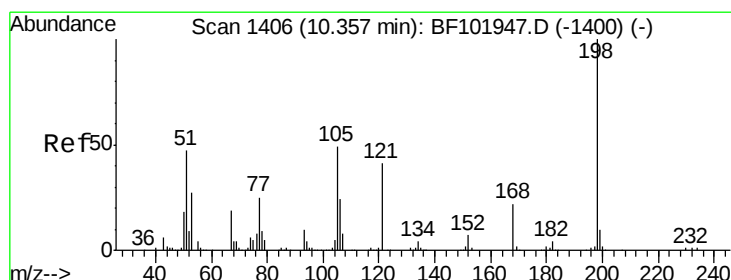
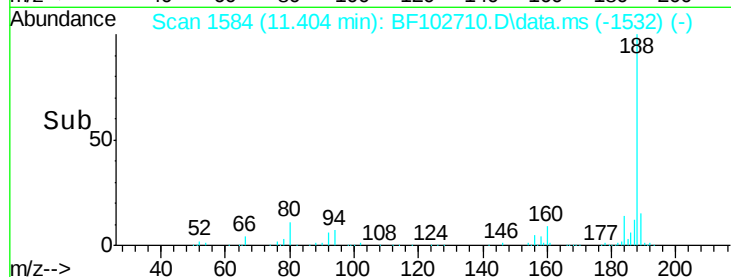
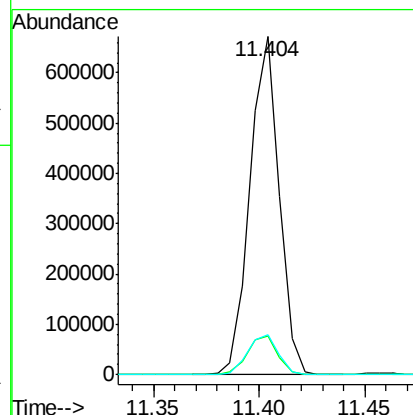
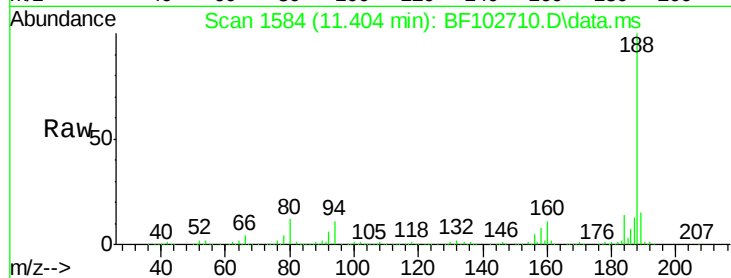
Tot Ion:188 Resp: 645625

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

80 12.0 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 59.47 ng

RT: 10.516 min Scan# 1433

Delta R.T. 0.012 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

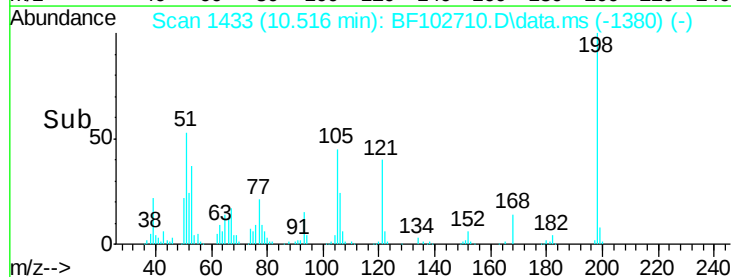
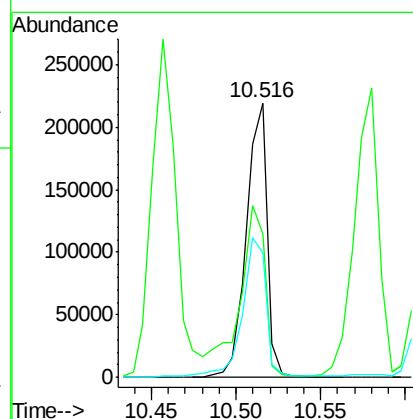
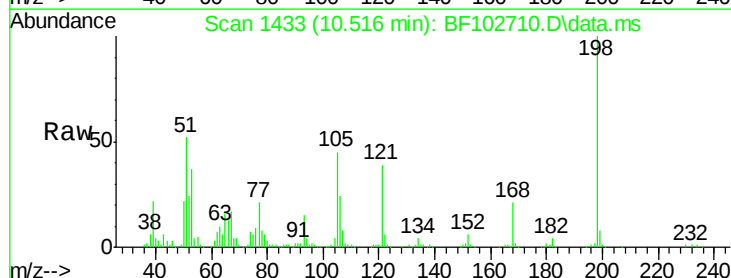
Tgt Ion:198 Resp: 188777

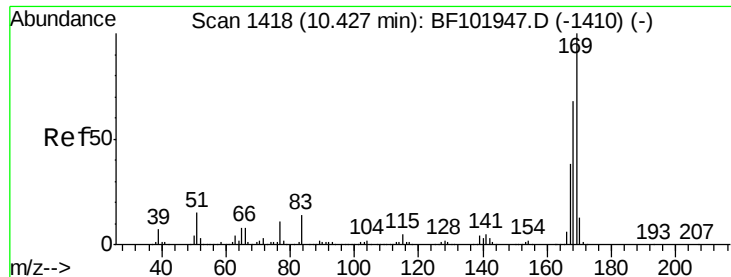
Ion Ratio Lower Upper

198 100

51 52.3 37.7 77.7

105 45.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 52.94 ng

RT: 10.580 min Scan# 1418

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

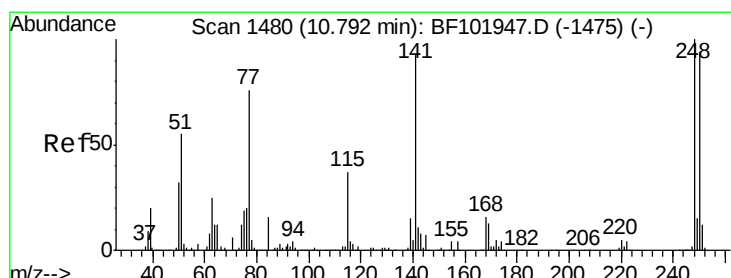
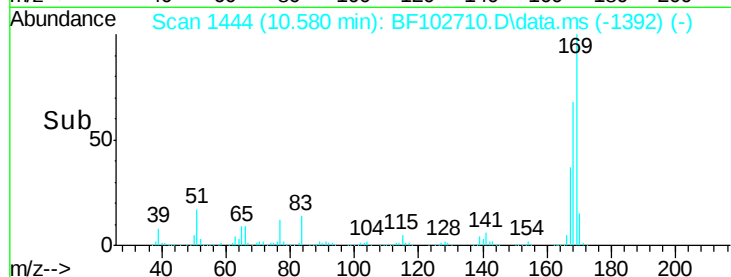
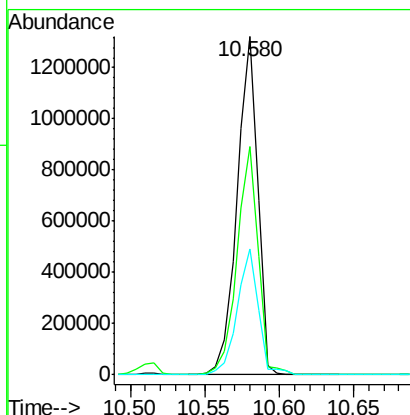
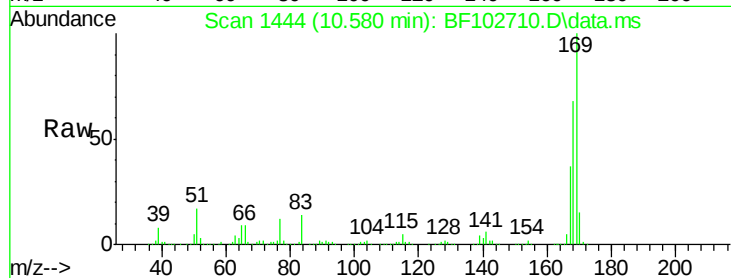
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1279782

Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	37.3	29.8	44.6



#66

4-Bromophenyl-phenylether

Concen: 57.64 ng

RT: 10.951 min Scan# 1507

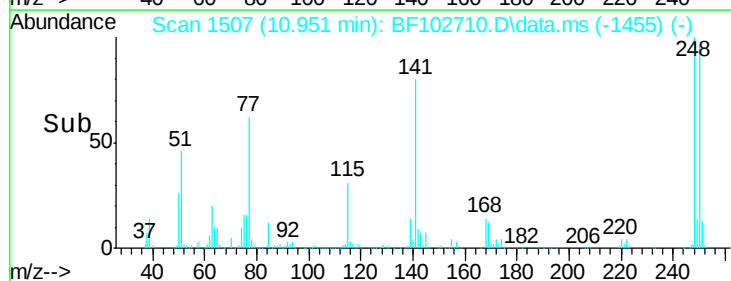
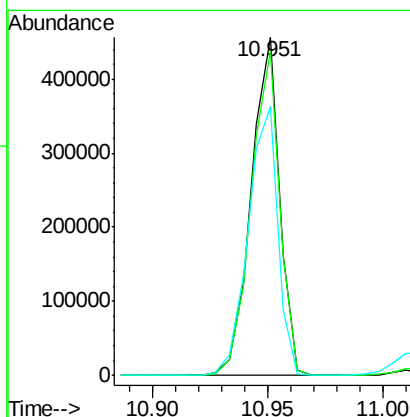
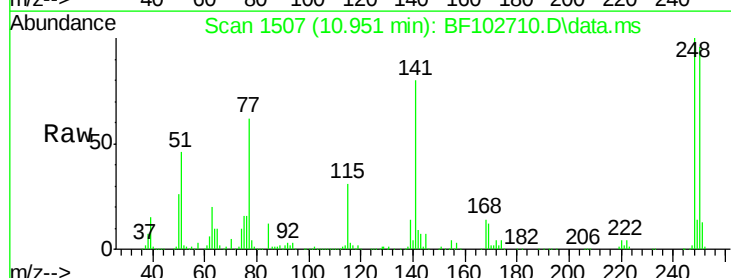
Delta R.T. 0.006 min

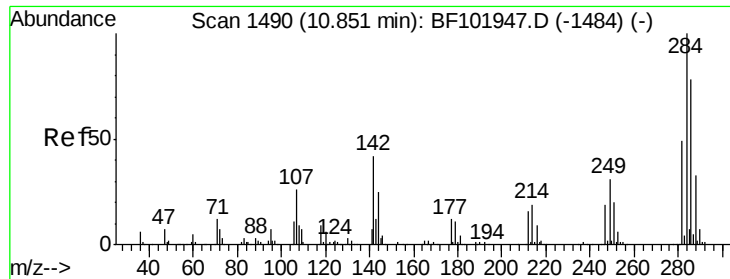
Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Tgt Ion:248 Resp: 392970

Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	79.6	74.4	111.6





#67

Hexachlorobenzene

Concen: 58.01 ng

RT: 11.016 min Scan# 1518

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

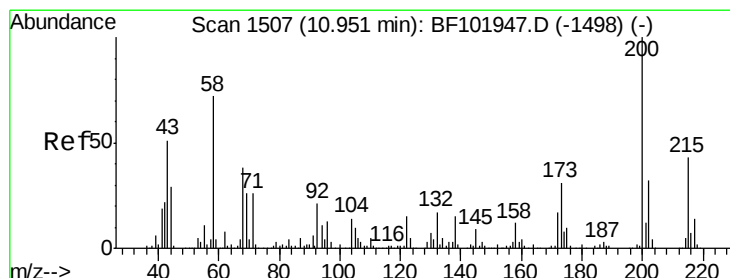
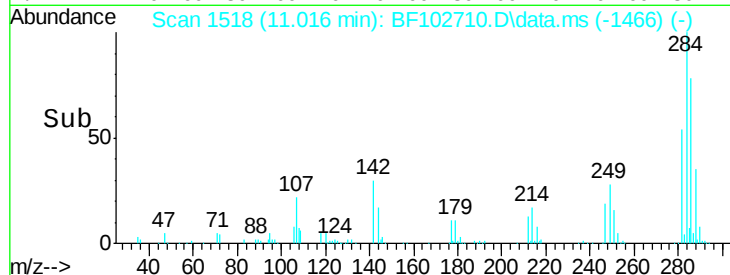
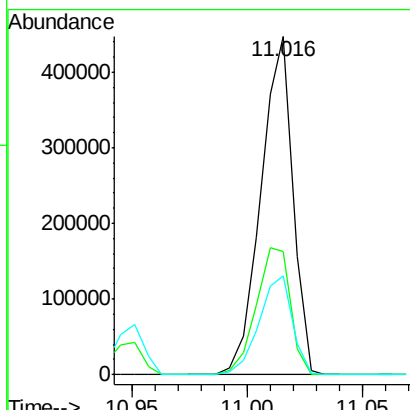
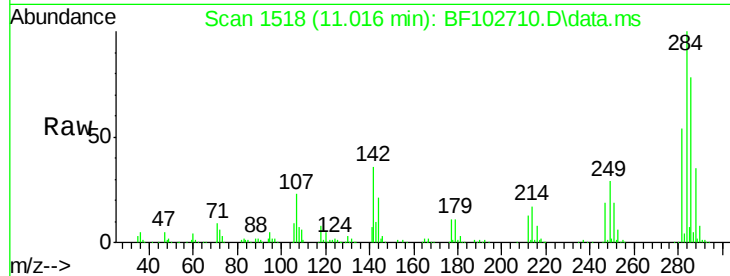
Tot Ion:284 Resp: 431748

Ion Ratio Lower Upper

284 100

142 36.4 34.6 52.0

249 29.3 24.8 37.2



#68

Atrazine

Concen: 56.77 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

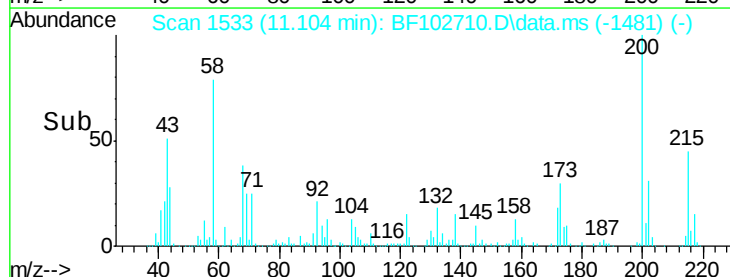
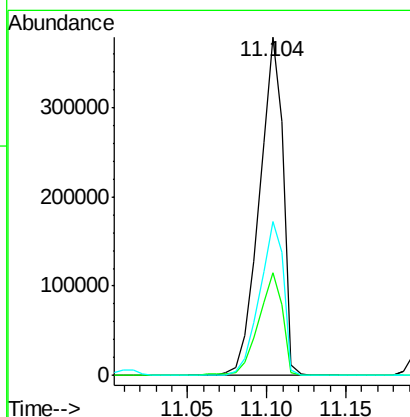
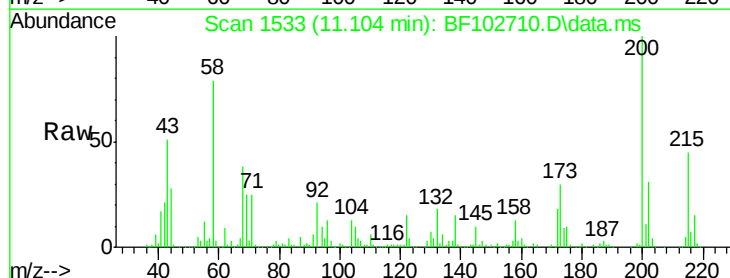
Tgt Ion:200 Resp: 396627

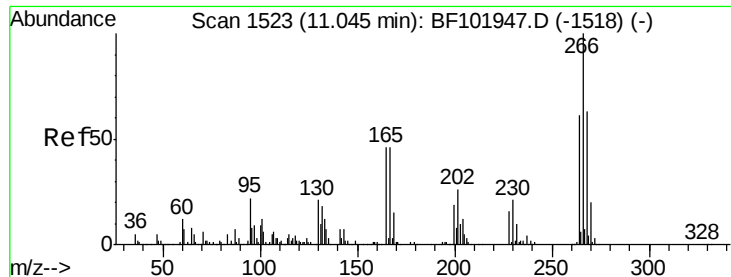
Ion Ratio Lower Upper

200 100

173 30.3 8.6 48.6

215 45.4 25.1 65.1

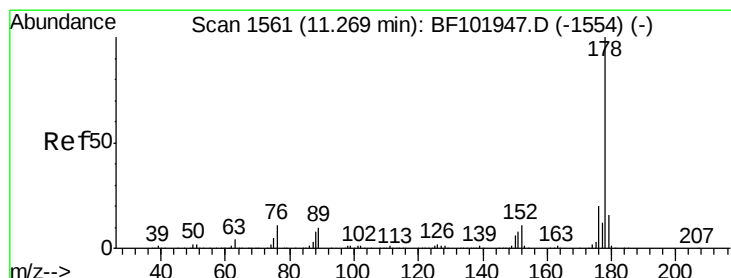
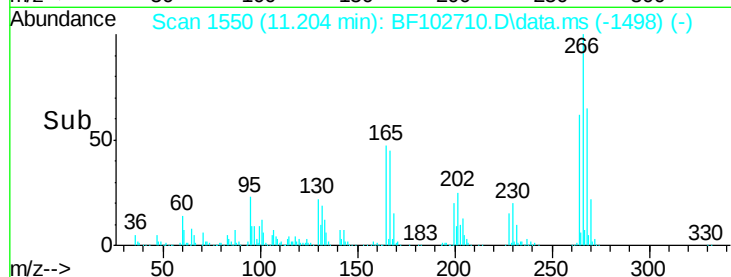
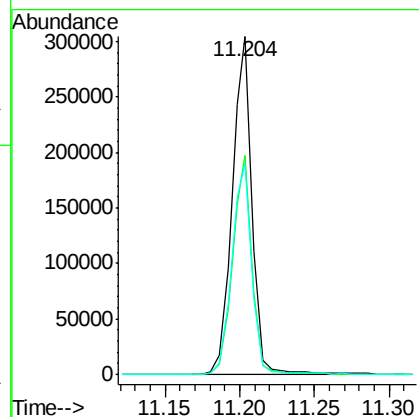
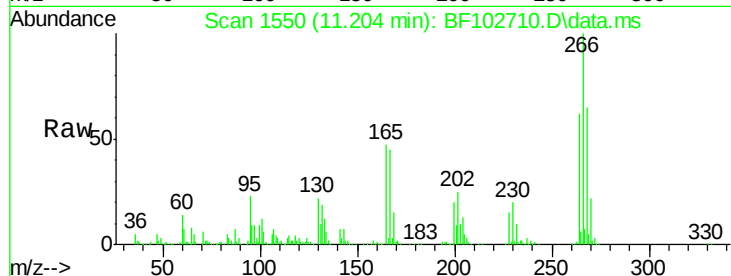




#69
 Pentachlorophenol
 Concen: 62.67 ng
 RT: 11.204 min Scan# 1518
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

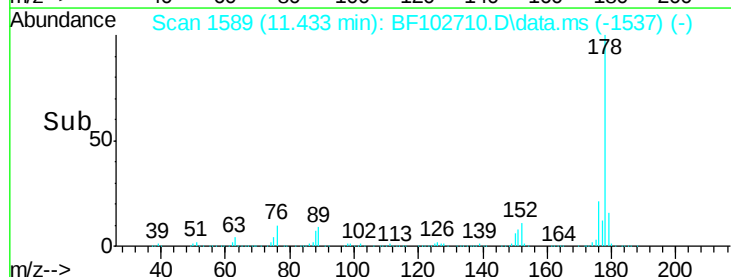
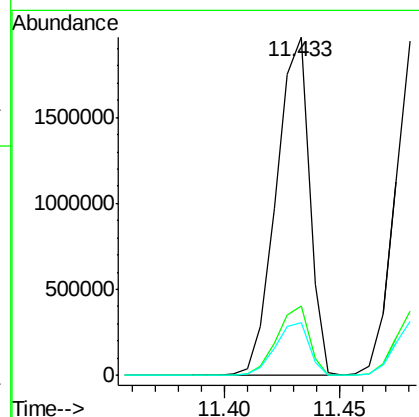
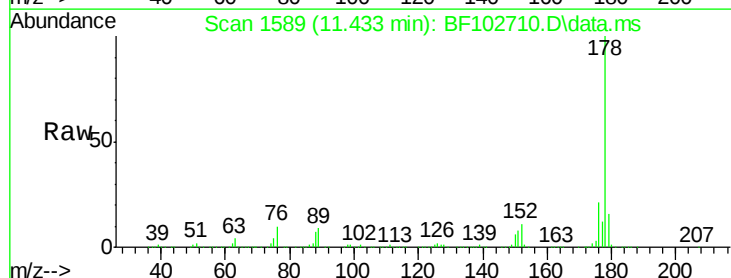
Instrument :
 BNA_F
 ClientSampleId :

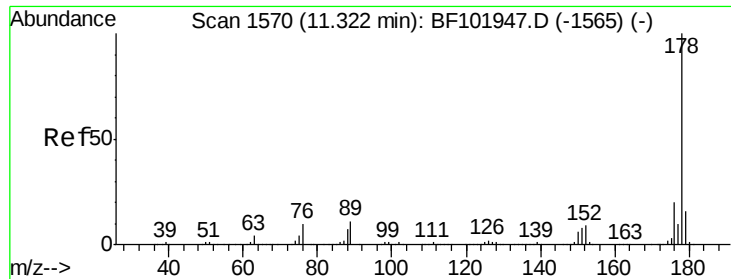
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	62.5	49.5	74.3



#70
 Phenanthrene
 Concen: 52.05 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

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

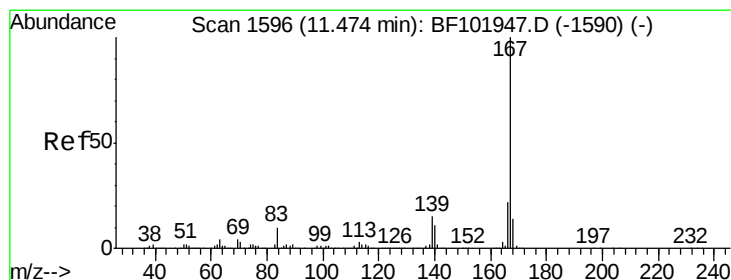
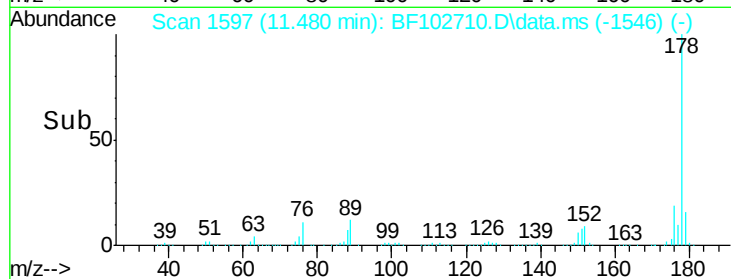
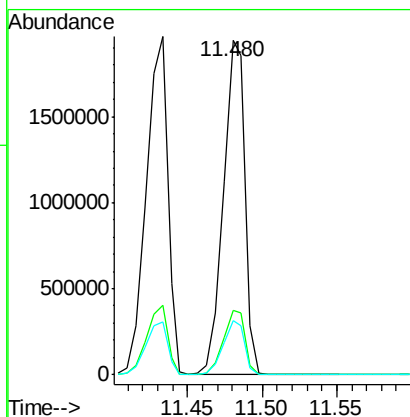
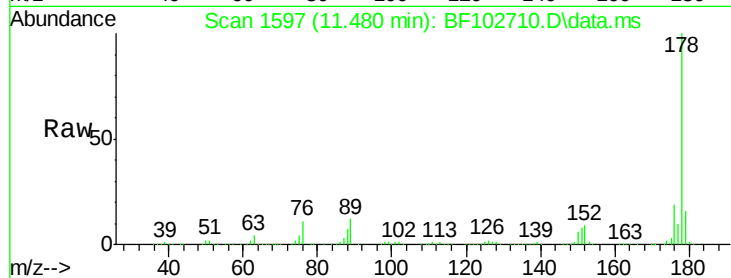




#71
 Anthracene
 Concen: 52.07 ng
 RT: 11.480 min Scan# 1570
 Delta R.T. -0.000 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

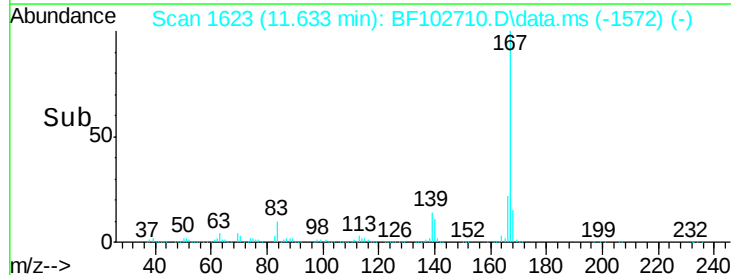
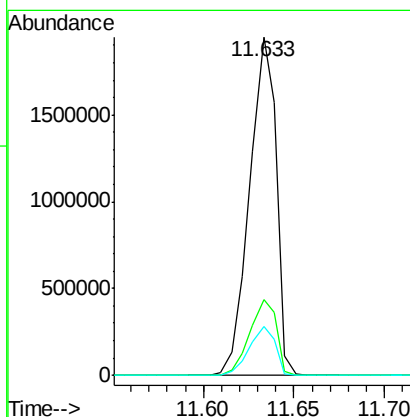
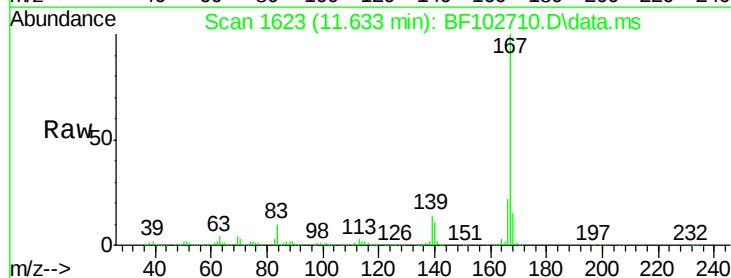
Instrument :
 BNA_F
 ClientSampleId :

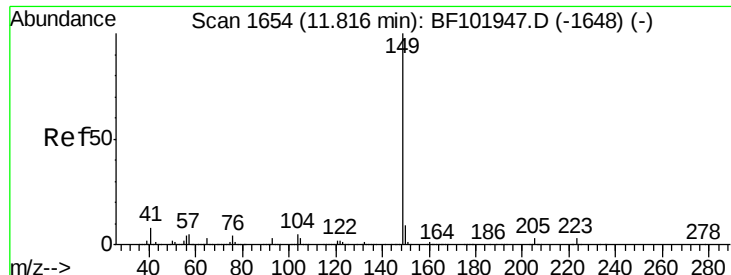
Tot Ion:178 Resp: 1991451
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 53.06 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:167 Resp: 1994573
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 54.39 ng

RT: 11.963 min Scan# 16

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampled :

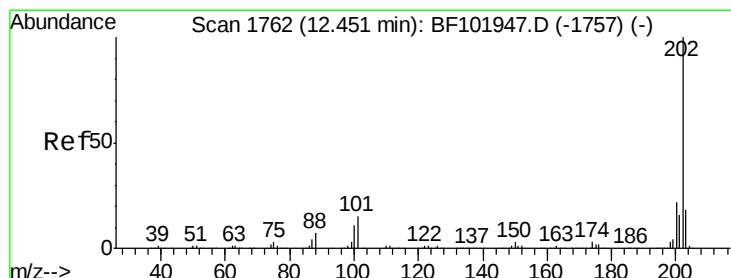
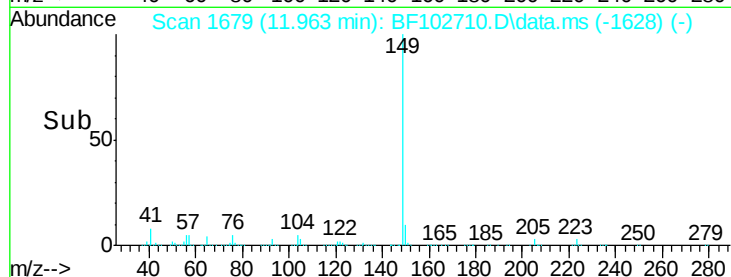
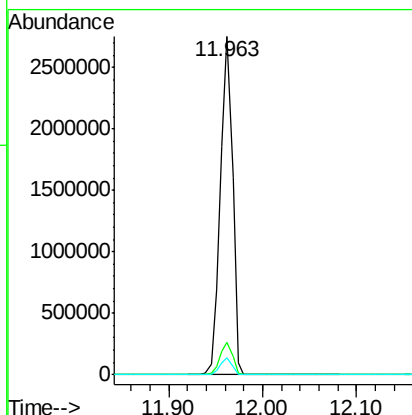
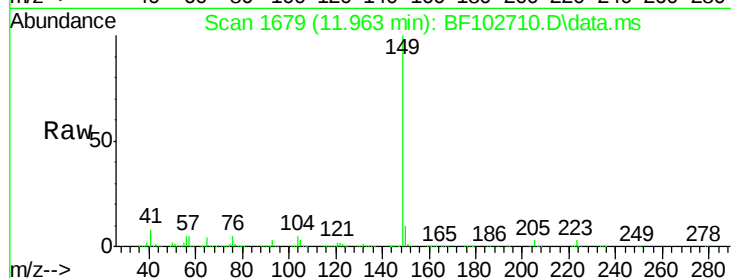
Tot Ion:149 Resp: 2508670

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 5.0 3.8 5.8



#74

Fluoranthene

Concen: 53.69 ng

RT: 12.615 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

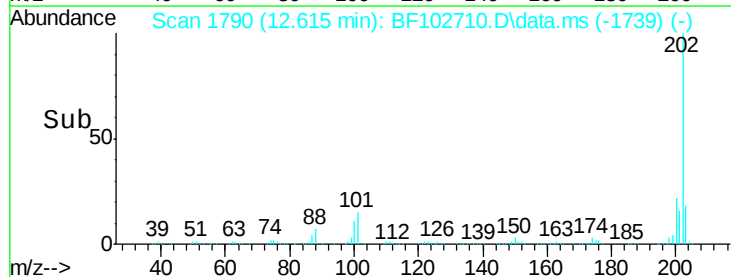
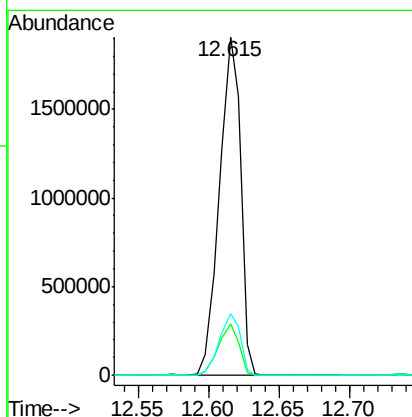
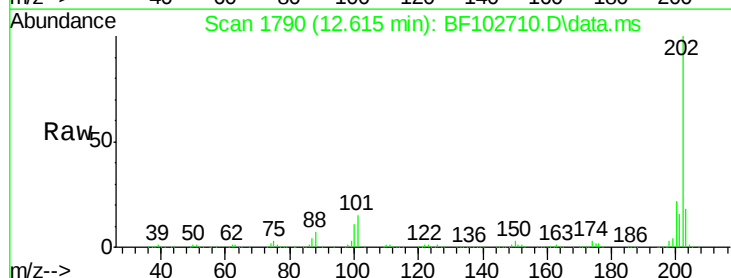
Tgt Ion:202 Resp: 1992309

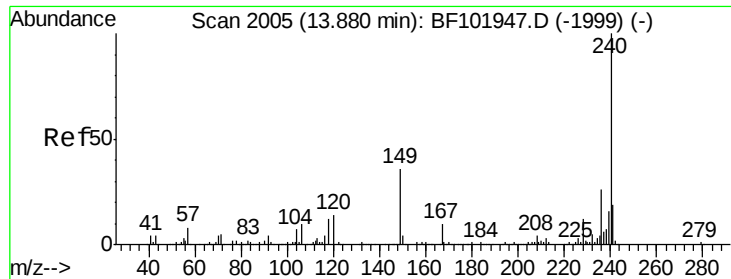
Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.045 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

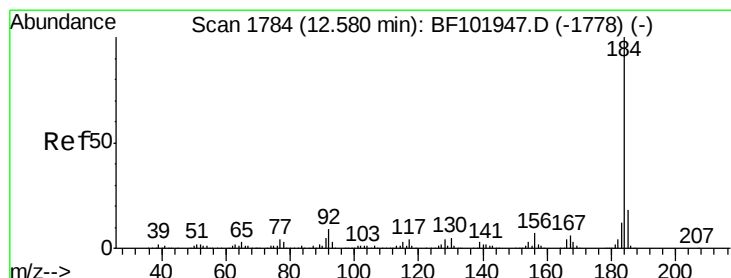
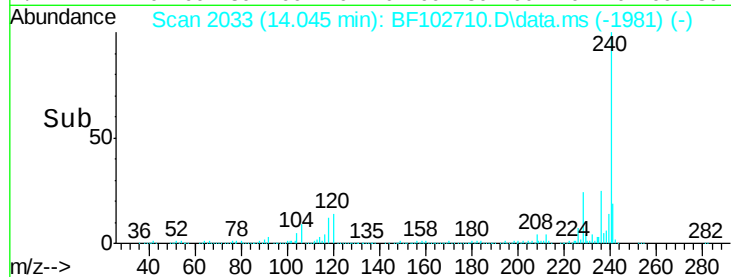
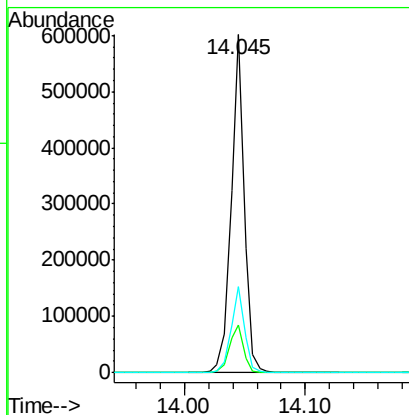
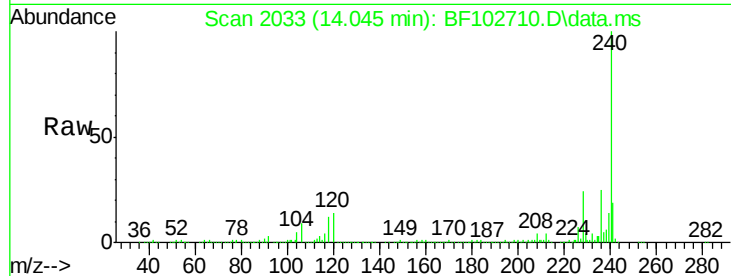
Tot Ion:240 Resp: 451732

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

236 25.4 20.7 31.1



#76

Benzidine

Concen: 58.36 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

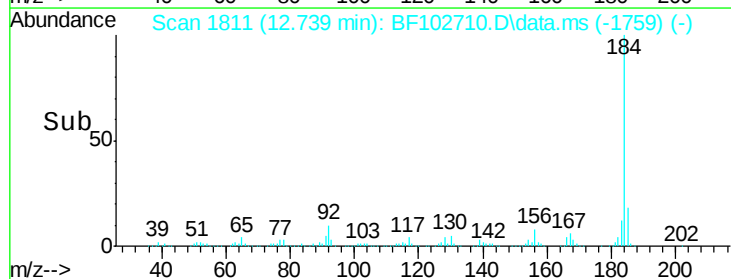
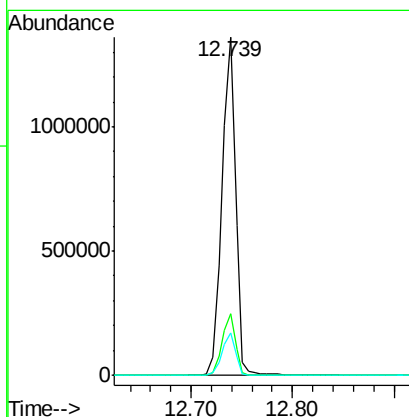
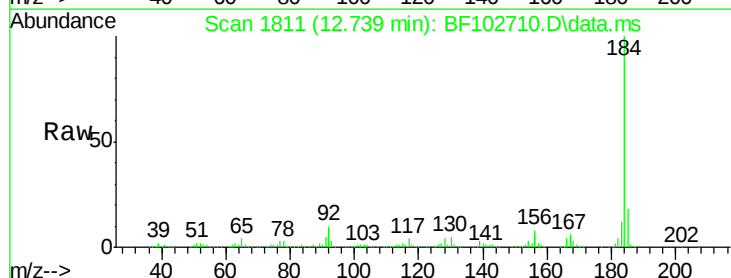
Tgt Ion:184 Resp: 1273141

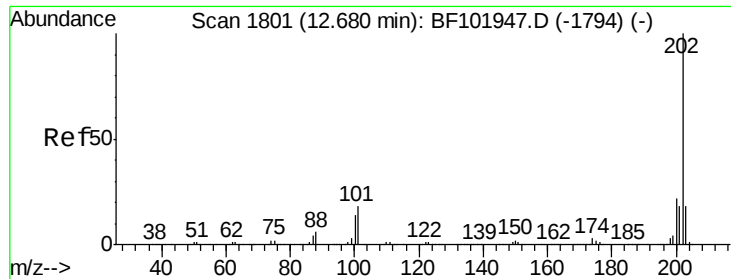
Ion Ratio Lower Upper

184 100

185 18.3 12.6 18.8

183 12.4 9.3 13.9

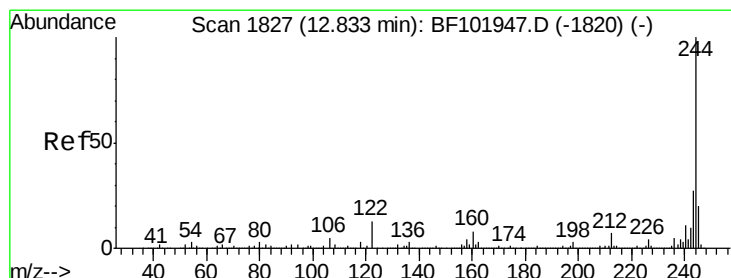
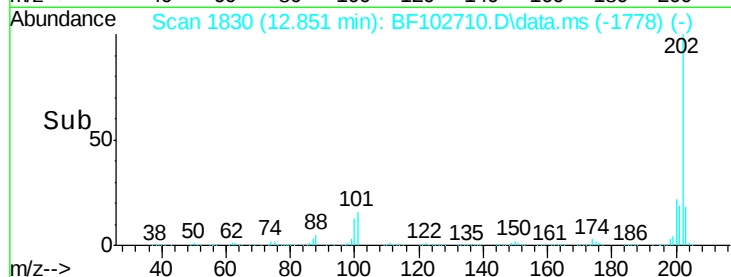
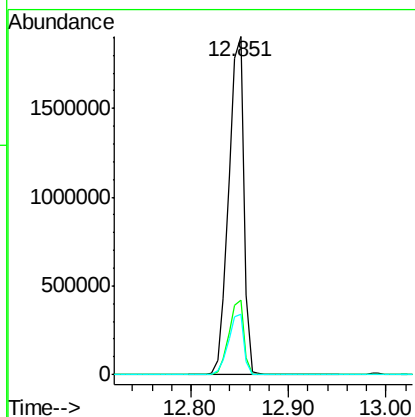
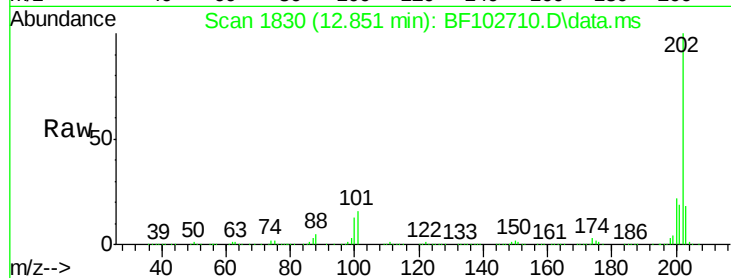




#77
Pvrene
Concen: 51.39 ng
RT: 12.851 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

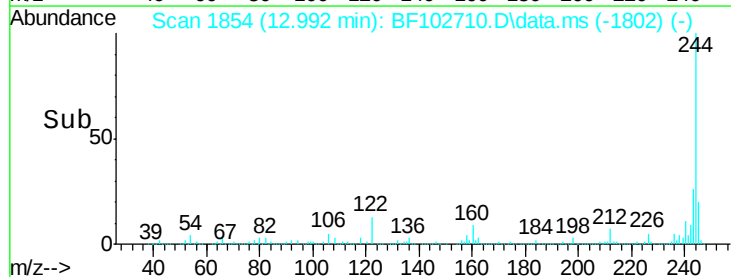
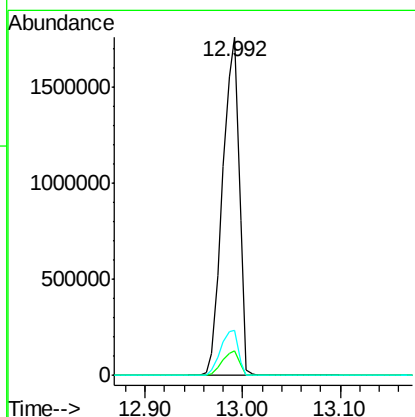
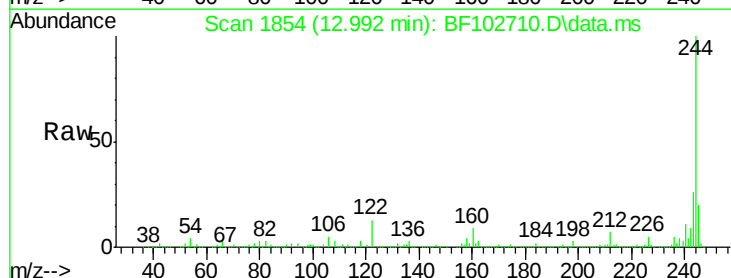
Instrument :
BNA_F
ClientSampleId :

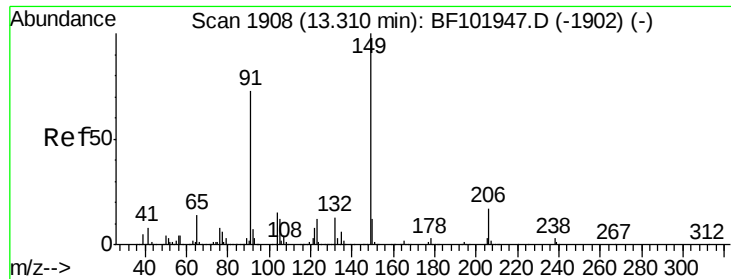
Tot Ion:202 Resp: 2051901
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 95.66 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:244 Resp: 2081343
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.5 11.0 16.4





#79

Butylbenzylphthalate

Concen: 56.48 ng

RT: 13.462 min Scan# 1908

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

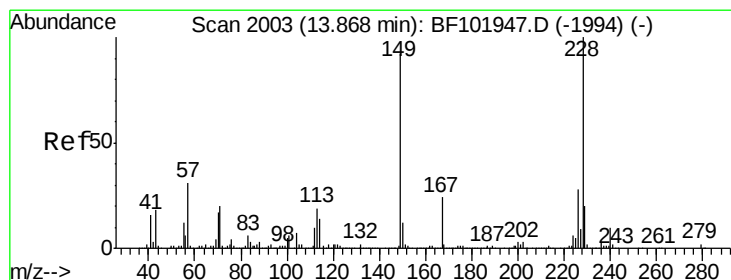
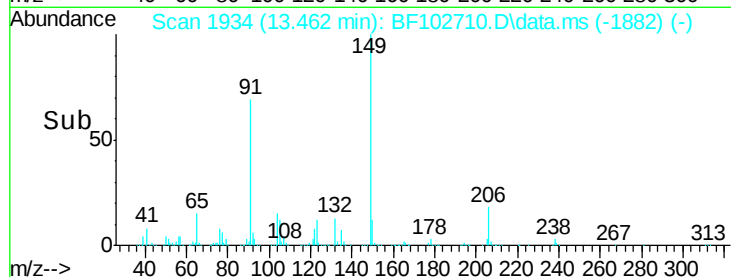
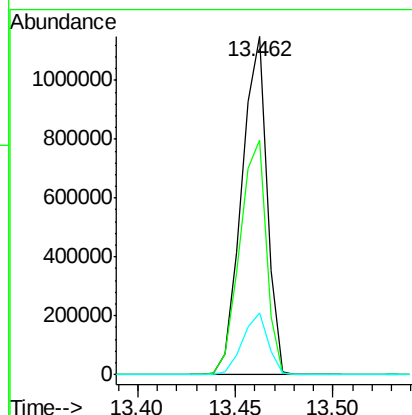
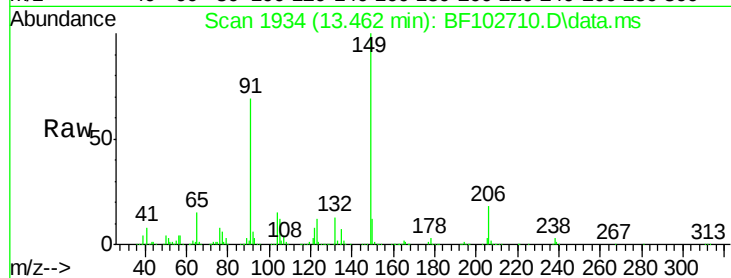
Tot Ion:149 Resp: 1035069

Ion Ratio Lower Upper

149 100

91 69.2 56.8 85.2

206 18.3 14.1 21.1



#80

Benzo(a)anthracene

Concen: 56.08 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

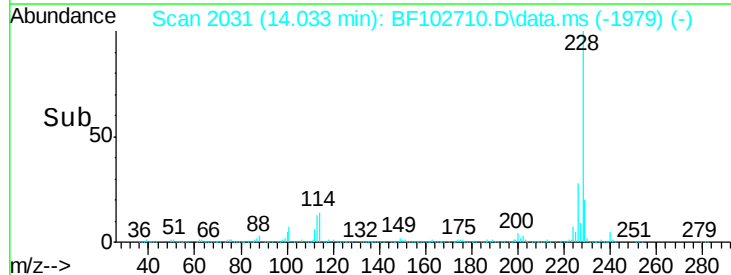
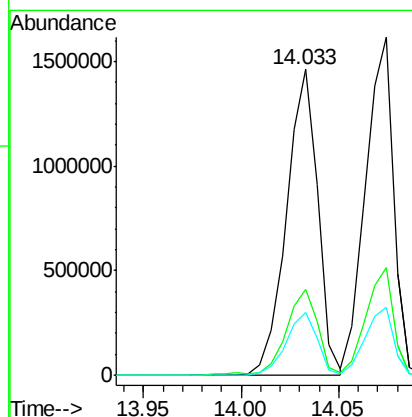
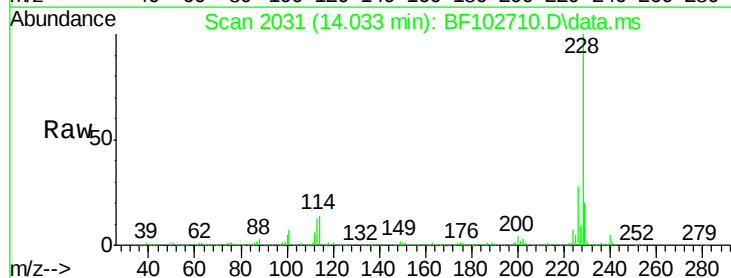
Tgt Ion:228 Resp: 1616429

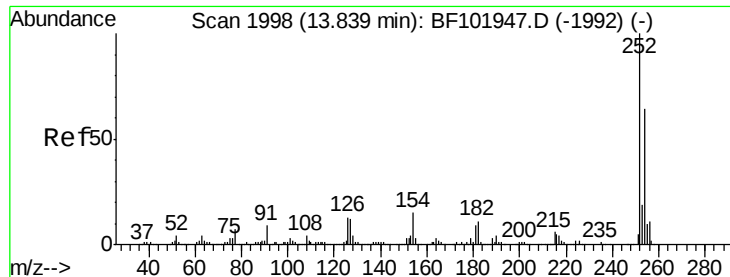
Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.4 15.8 23.6

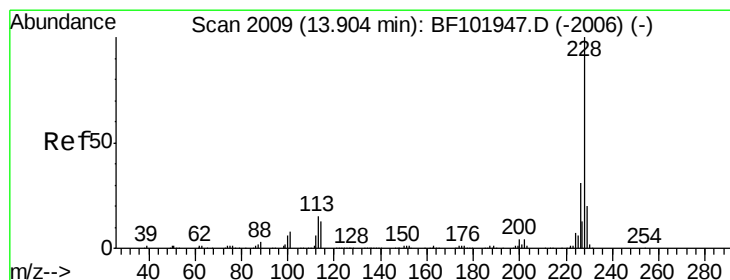
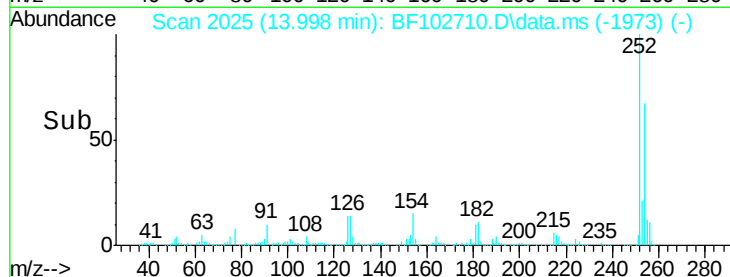
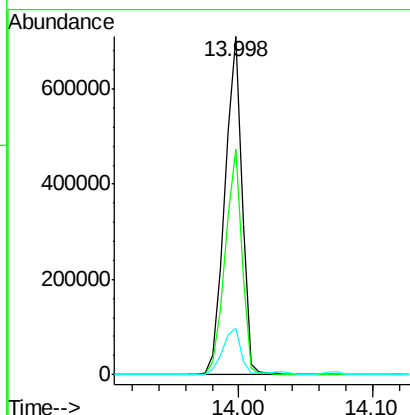
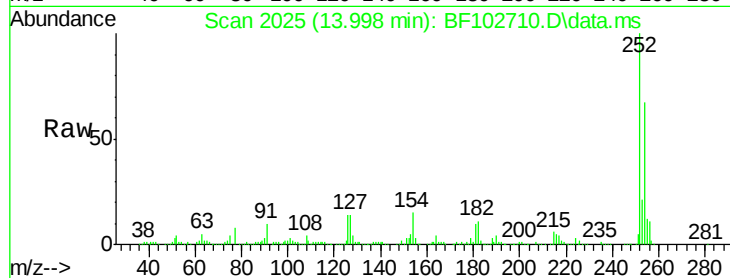




#81
 3,3'-Dichlorobenzidine
 Concen: 60.87 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

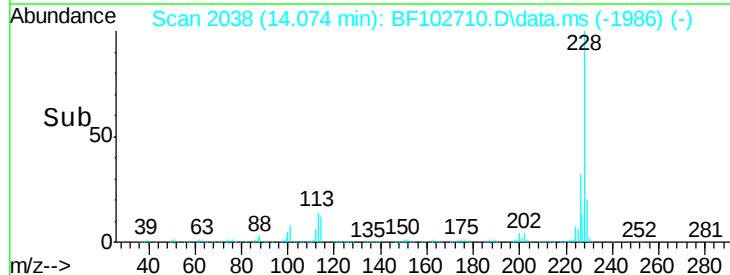
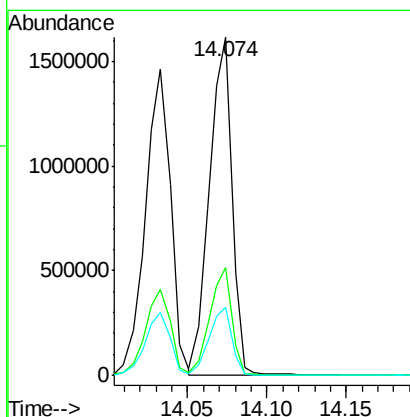
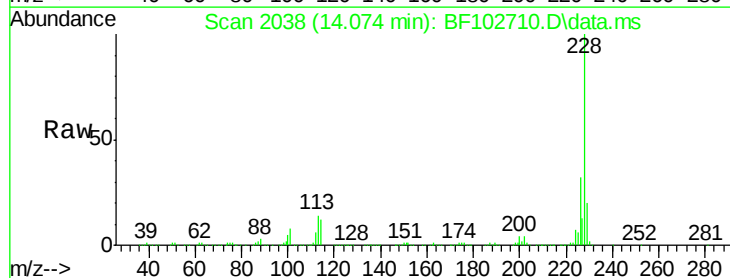
Instrument :
 BNA_F
 ClientSampleId :

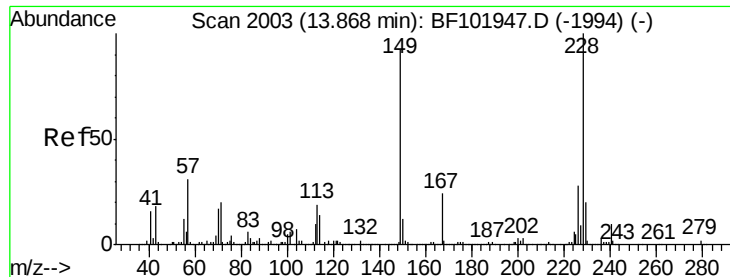
Tot Ion:252 Resp: 649606
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.4 75.6
 126 13.7 11.3 16.9



#82
 Chrysene
 Concen: 53.67 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:228 Resp: 1612927
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 63.14 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

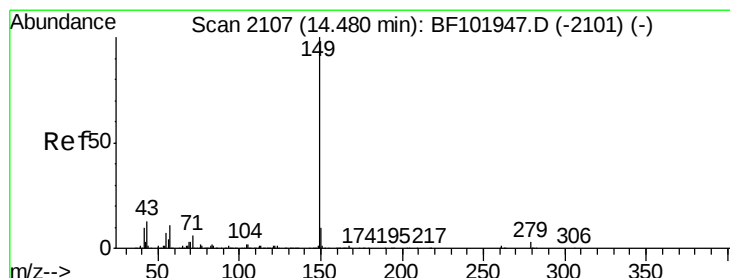
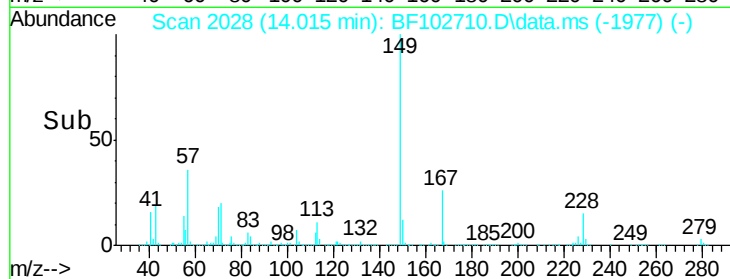
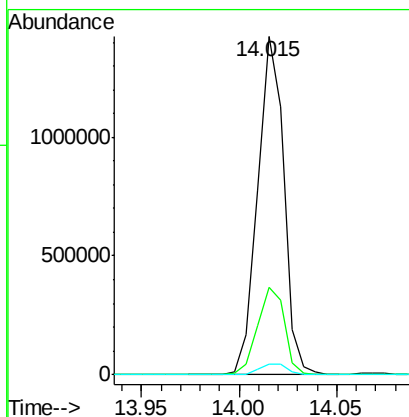
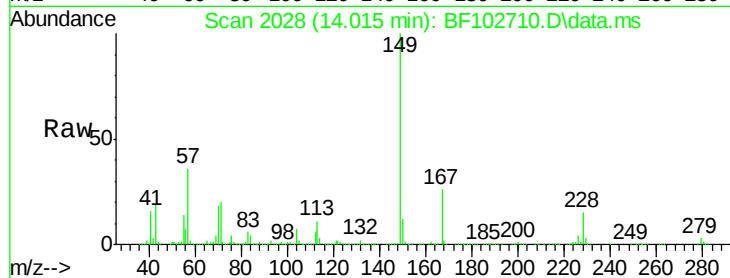
Tot Ion:149 Resp: 1327332

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

279 3.0 3.0 4.4



#84

Di-n-octyl phthalate

Concen: 62.07 ng

RT: 14.633 min Scan# 2133

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

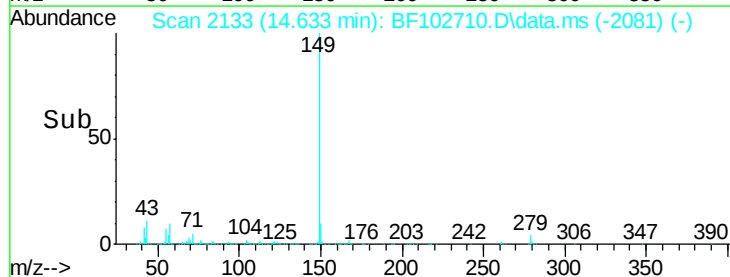
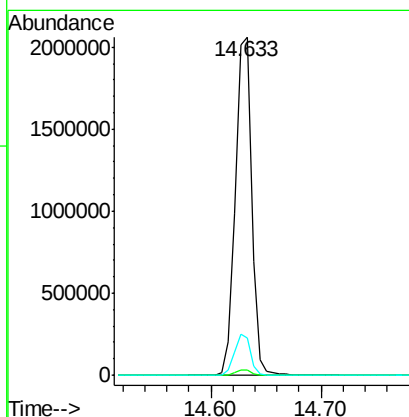
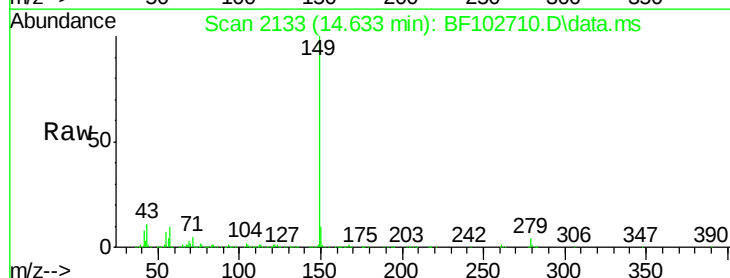
Tgt Ion:149 Resp: 2165056

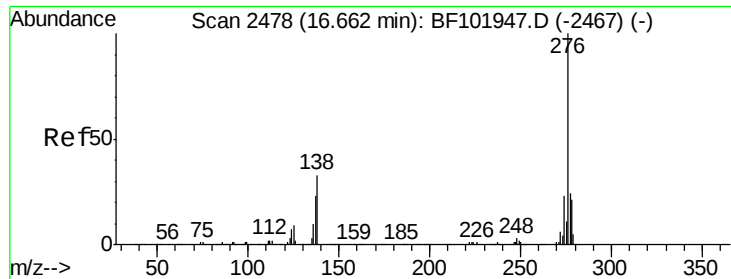
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 8.4 12.6

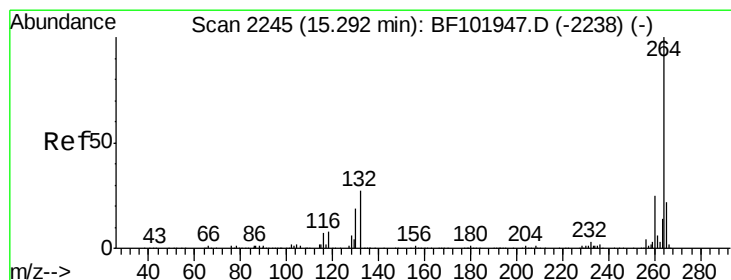
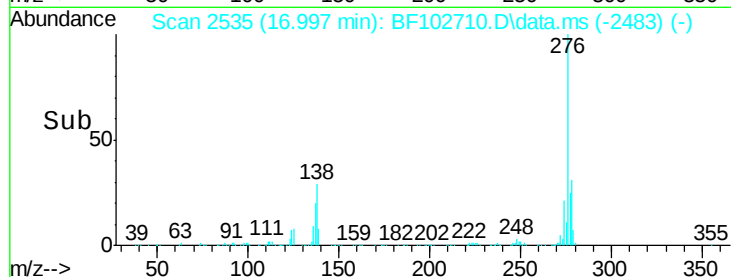
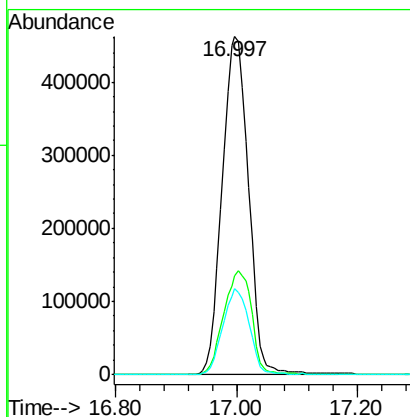
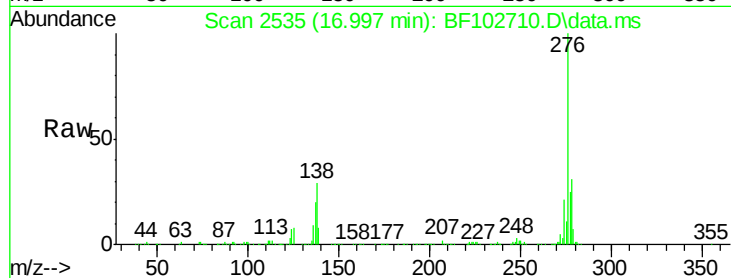




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.10 ng
 RT: 16.997 min Scan# 25
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

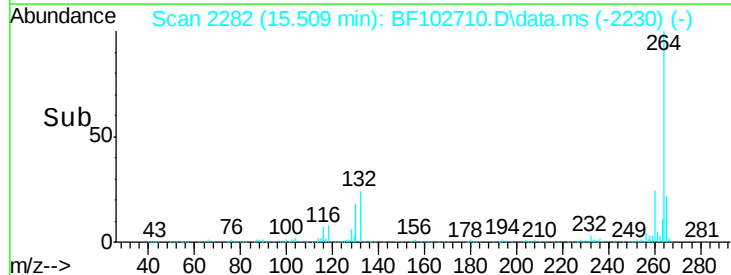
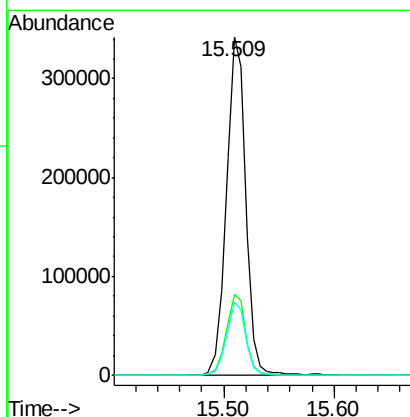
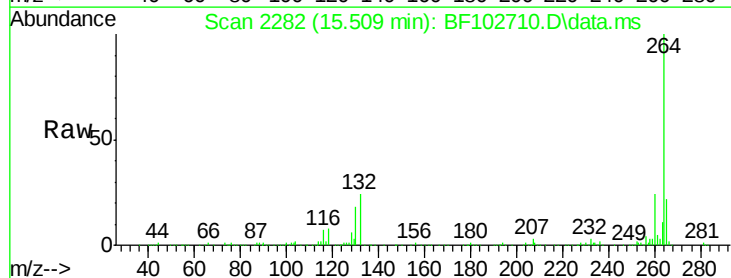
Instrument :
 BNA_F
 ClientSampleId :

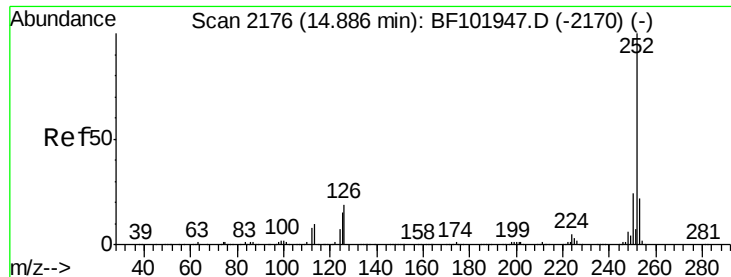
Tot Ion:276 Resp: 1402121
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:264 Resp: 419510
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 59.48 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampled :

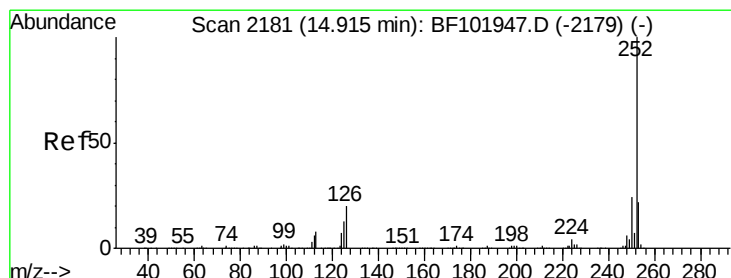
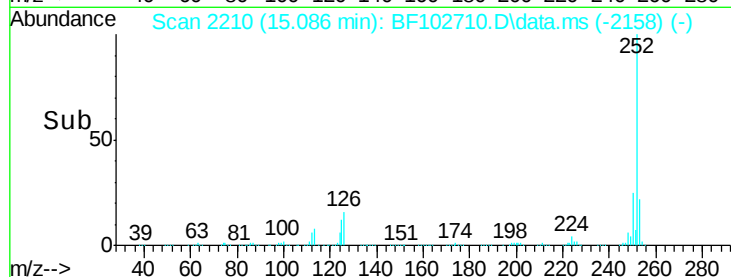
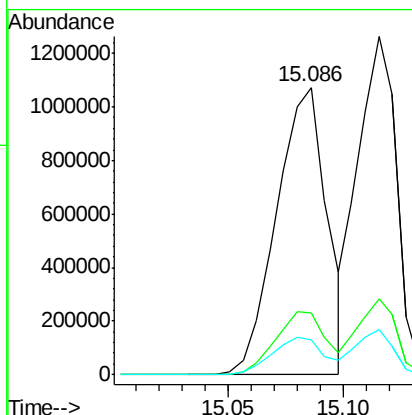
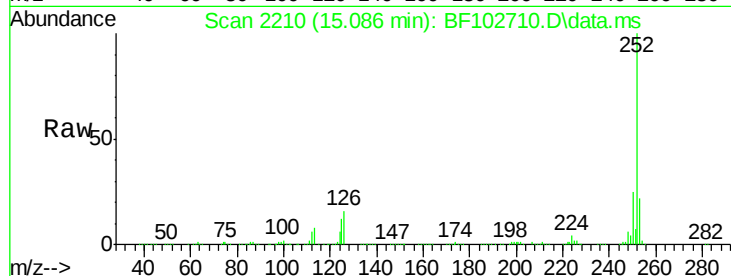
Tot Ion:252 Resp: 1627086

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 12.0 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 57.17 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.006 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

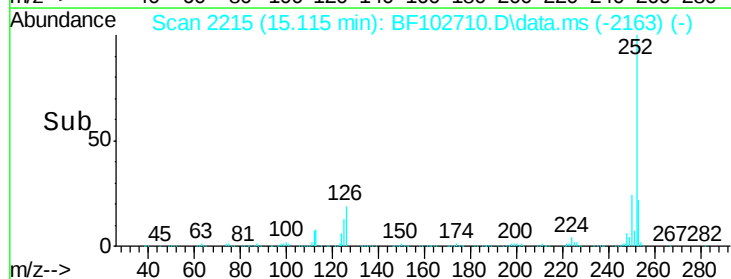
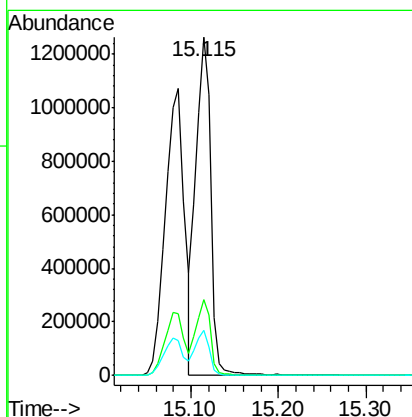
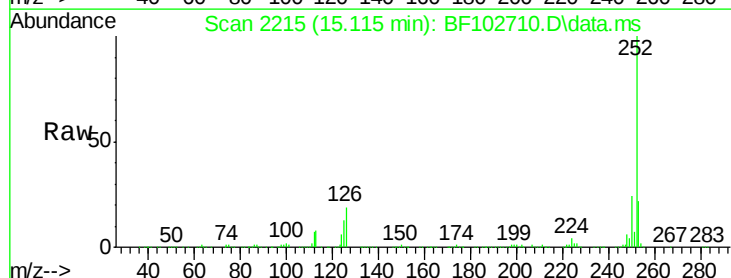
Tgt Ion:252 Resp: 1508528

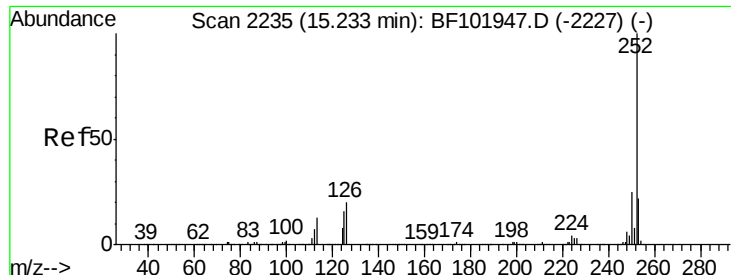
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 13.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 59.88 ng

RT: 15.456 min Scan# 22

Delta R.T. 0.012 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampled :

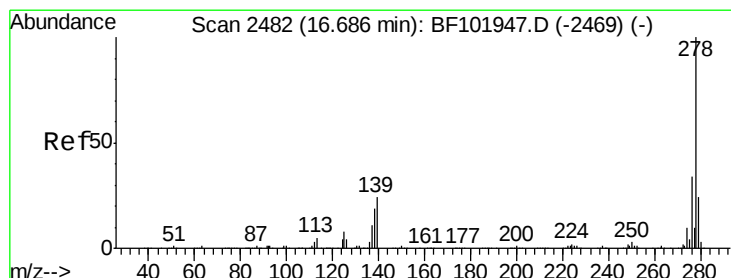
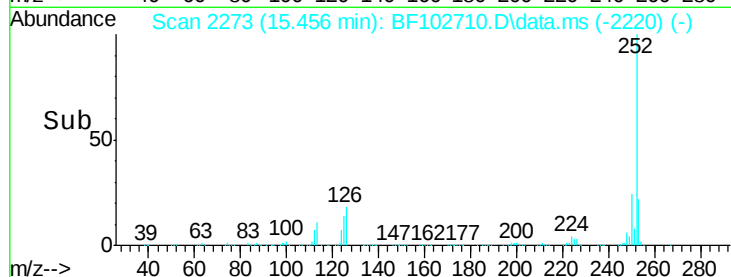
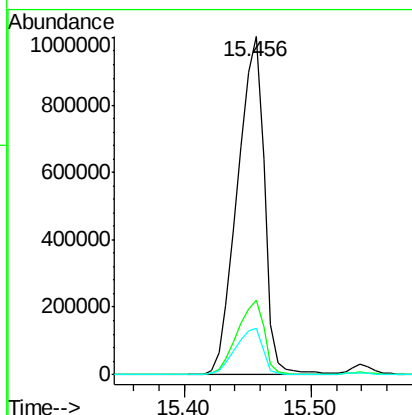
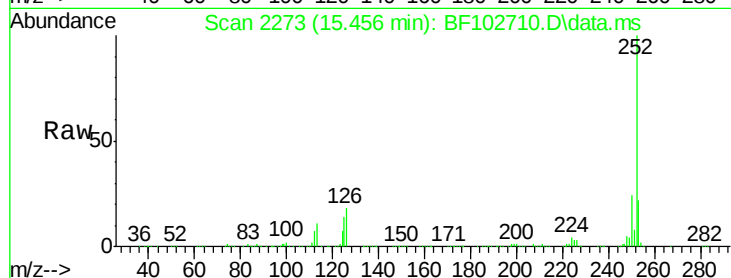
Tot Ion:252 Resp: 1473936

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 13.6 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 59.61 ng

RT: 17.021 min Scan# 2539

Delta R.T. 0.012 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

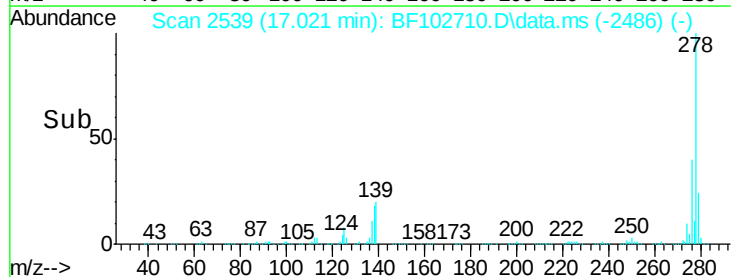
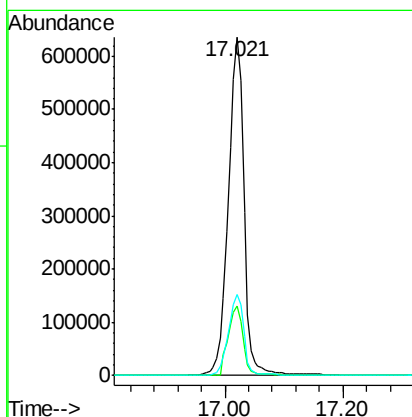
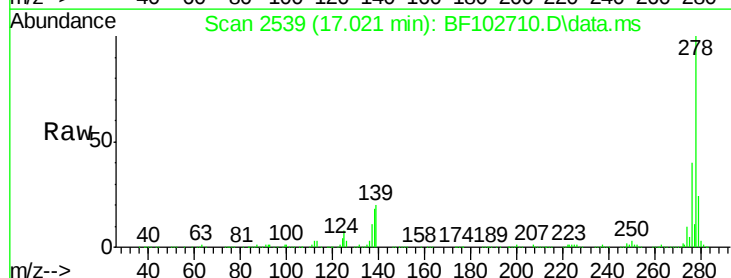
Tgt Ion:278 Resp: 1170982

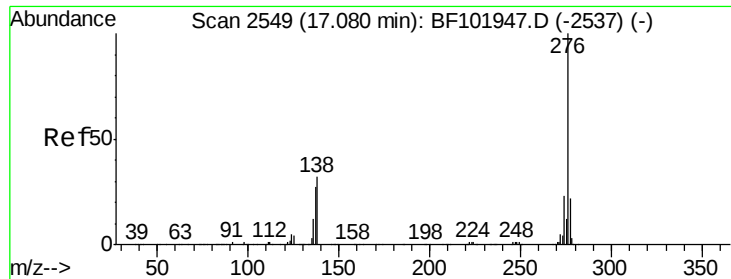
Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 57.64 ng

RT: 17.456 min Scan# 261

Delta R.T. 0.018 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1140465

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 28.0 21.8 32.8

