

Data Path : Z:\HPCHEM1\BNA F\Data\BF020318\
 Data File : BF102709.D
 Acq On : 3 Feb 2018 10:53
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 11:53:23 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	193484	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	813552	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	373682	20.00	ng	0.00
63) Phenanthrene-d10	11.404	188	645203	20.00	ng	0.00
75) Chrysene-d12	14.039	240	459146	20.00	ng	0.00
86) Perylene-d12	15.509	264	413238	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.486	112	1239784	90.48	ng	0.00
7) Phenol-d6	6.504	99	1473124	90.11	ng	0.00
23) Nitrobenzene-d5	7.445	82	1240368	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.710	330	325973	99.96	ng	0.00
44) 2-Fluorobiphenyl	9.239	172	2127698	88.95	ng	0.00
78) Terphenyl-d14	12.986	244	1823424	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.651	88	318096	46.52	ng	# 85
3) Pyridine	3.428	79	867405	46.45	ng	87
4) n-Nitrosodimethylamine	3.381	42	383158	49.00	ng	91
6) Aniline	6.545	93	1117516	48.51	ng	95
8) 2-Chlorophenol	6.663	128	643578	46.83	ng	94
9) Benzaldehyde	6.433	77	557914	49.15	ng	99
10) Phenol	6.516	94	800633	43.34	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	669561	47.61	ng	90
12) 1,3-Dichlorobenzene	6.822	146	728802	46.01	ng	100
13) 1,4-Dichlorobenzene	6.898	146	729484	46.15	ng	99
14) 1,2-Dichlorobenzene	7.051	146	667240	45.60	ng	99
15) Benzyl Alcohol	7.016	79	587801	49.15	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1284530	49.55	ng	97
17) 2-Methylphenol	7.122	107	594908	47.99	ng	99
18) Hexachloroethane	7.392	117	261454	46.97	ng	92
19) n-Nitroso-di-n-propyla...	7.298	70	490514	45.79	ng	93
20) 3+4-Methylphenols	7.280	107	720620	48.41	ng	88
22) Acetophenone	7.292	105	930290	47.46	ng	96
24) Nitrobenzene	7.463	77	709498	47.69	ng	98
25) Isophorone	7.704	82	1330135	48.62	ng	100
26) 2-Nitrophenol	7.774	139	282255	45.33	ng	95
27) 2,4-Dimethylphenol	7.810	122	570858	49.09	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	781448	47.31	ng	100
29) 2,4-Dichlorophenol	8.010	162	533640	48.33	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	572771	49.59	ng	98
31) Naphthalene	8.186	128	1879805	46.24	ng	99
32) Benzoic acid	7.933	122	414435	47.00	ng	98
33) 4-Chloroaniline	8.227	127	835679	48.16	ng	97
34) Hexachlorobutadiene	8.298	225	289472	47.35	ng	99
35) Caprolactam	8.616	113	194960	51.43	ng	# 81
36) 4-Chloro-3-methylphenol	8.704	107	588196	48.67	ng	99
37) 2-Methylnaphthalene	8.874	142	1235638	46.17	ng	99
39) 1,2,4,5-Tetrachloroben...	9.039	216	482843	45.67	ng	99
40) Hexachlorocyclopentadiene	9.027	237	262025	45.32	ng	97

Data Path : Z:\HPCHEM1\BNA F\Data\BF020318\
 Data File : BF102709.D
 Acq On : 3 Feb 2018 10:53
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 11:53:23 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

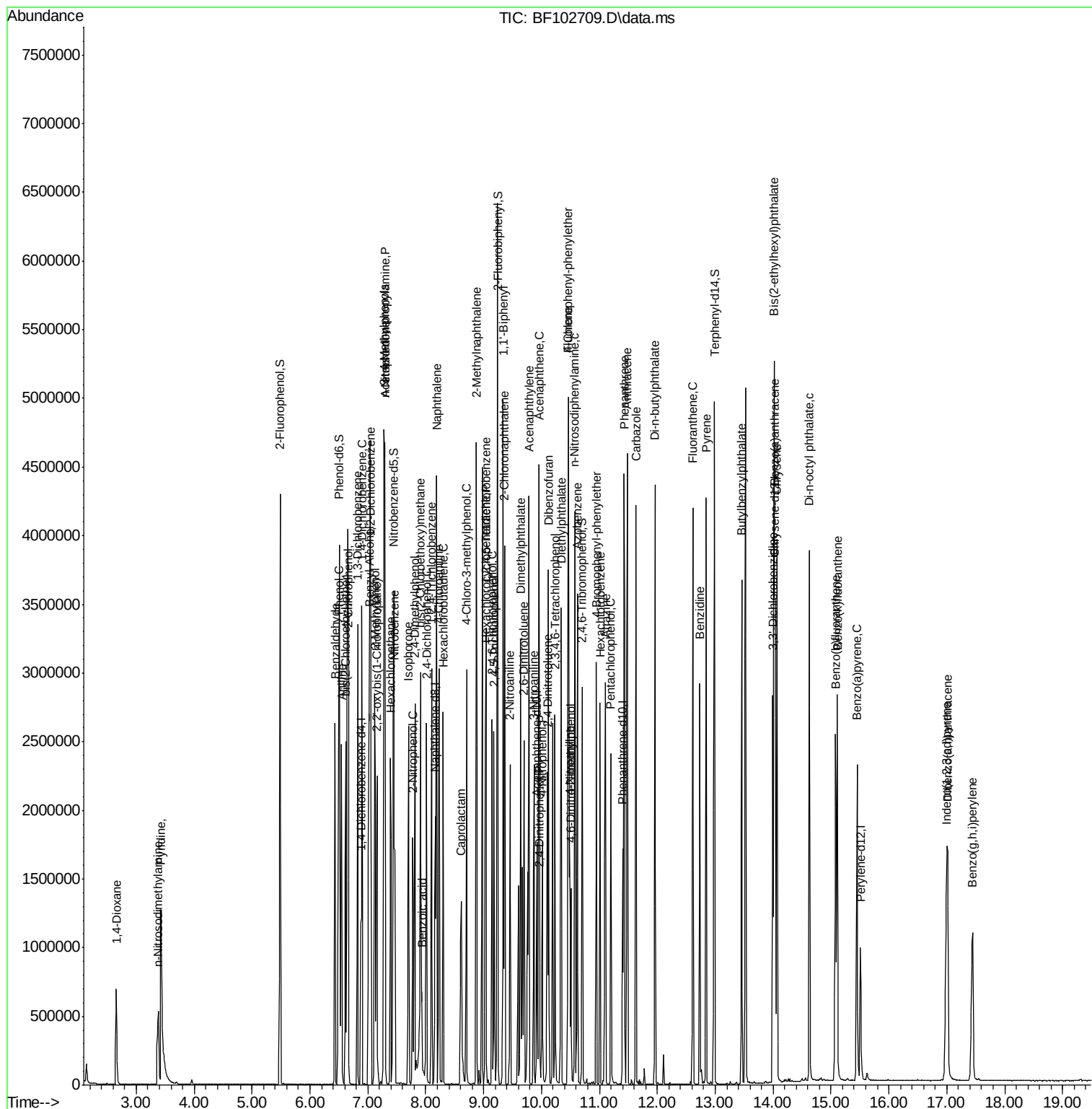
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.145	196	354040	48.60	nq	98
43) 2,4,5-Trichlorophenol	9.186	196	394620	47.93	nq	96
45) 1,1'-Biphenyl	9.339	154	1489278	45.09	nq	99
46) 2-Chloronaphthalene	9.363	162	1189452	46.44	nq	100
47) 2-Nitroaniline	9.457	65	385473	50.24	nq	89
48) Acenaphthylene	9.780	152	1841334	45.30	nq	99
49) Dimethylphthalate	9.639	163	1425264	47.55	nq	99
50) 2,6-Dinitrotoluene	9.698	165	304245	50.81	nq	# 88
51) Acenaphthene	9.957	154	1098944	44.54	nq	99
52) 3-Nitroaniline	9.868	138	374772	49.59	nq	98
53) 2,4-Dinitrophenol	9.968	184	67442	36.96	nq	# 19
54) Dibenzofuran	10.121	168	1547976	45.72	nq	96
55) 4-Nitrophenol	10.016	139	278246	49.41	nq	95
56) 2,4-Dinitrotoluene	10.104	165	380653	50.72	nq	96
57) Fluorene	10.468	166	1138175	48.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.233	232	279235	47.63	nq	98
59) Diethylphthalate	10.339	149	1411357	47.33	nq	99
60) 4-Chlorophenyl-phenyle...	10.457	204	500490	50.21	nq	98
61) 4-Nitroaniline	10.486	138	351683	49.04	nq	96
62) Azobenzene	10.621	77	1376931	46.41	nq	93
64) 4,6-Dinitro-2-methylph...	10.510	198	137073	43.21	nq	94
65) n-Nitrosodiphenylamine	10.574	169	1092928	45.24	nq	99
66) 4-Bromophenyl-phenylether	10.951	248	333570	48.96	nq	# 90
67) Hexachlorobenzene	11.010	284	370341	49.79	nq	98
68) Atrazine	11.104	200	338185	48.44	nq	100
69) Pentachlorophenol	11.198	266	237874	52.44	nq	99
70) Phenanthrene	11.427	178	1695654	44.99	nq	99
71) Anthracene	11.480	178	1737799	45.46	nq	100
72) Carbazole	11.633	167	1720583	45.80	nq	99
73) Di-n-butylphthalate	11.962	149	2162263	46.91	nq	99
74) Fluoranthene	12.615	202	1718473	46.34	nq	99
76) Benzidine	12.733	184	1105684	49.87	nq	98
77) Pyrene	12.845	202	1769193	43.59	nq	99
79) Butylbenzylphthalate	13.456	149	897426	48.18	nq	98
80) Benzo(a)anthracene	14.027	228	1416013	48.34	nq	99
81) 3,3'-Dichlorobenzidine	13.992	252	556767	51.33	nq	98
82) Chrysene	14.068	228	1402705	45.92	nq	100
83) Bis(2-ethylhexyl)phtha...	14.015	149	1144435	53.56	nq	99
84) Di-n-octyl phthalate	14.627	149	1820174	51.34	nq	97
85) Indeno(1,2,3-cd)pyrene	16.992	276	1149392	51.70	nq	99
87) Benzo(b)fluoranthene	15.080	252	1284452	47.67	nq	98
88) Benzo(k)fluoranthene	15.109	252	1301965	50.09	nq	99
89) Benzo(a)pyrene	15.450	252	1190530	49.10	nq	97
90) Dibenzo(a,h)anthracene	17.015	278	962364	49.74	nq	98
91) Benzo(g,h,i)perylene	17.444	276	937521	48.10	nq	97

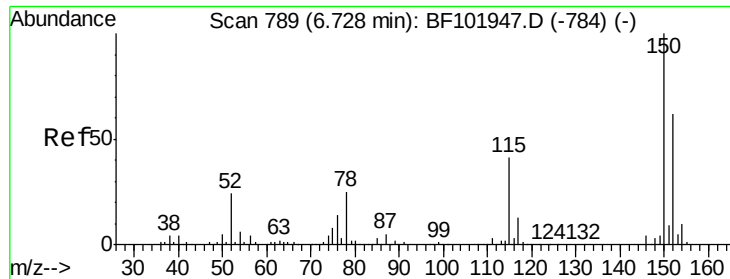
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\Data\BF020318\  
Data File : BF102709.D  
Acq On    : 3 Feb 2018 10:53  
Operator  : SJ/JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 03 11:53:23 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.880 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

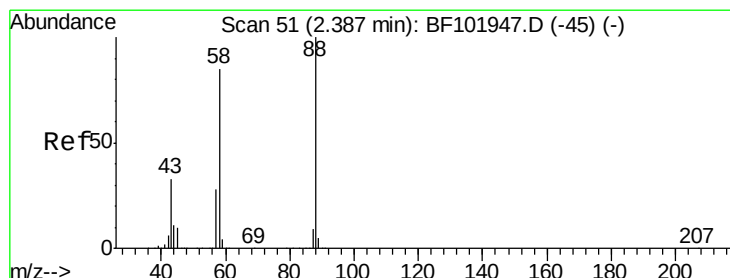
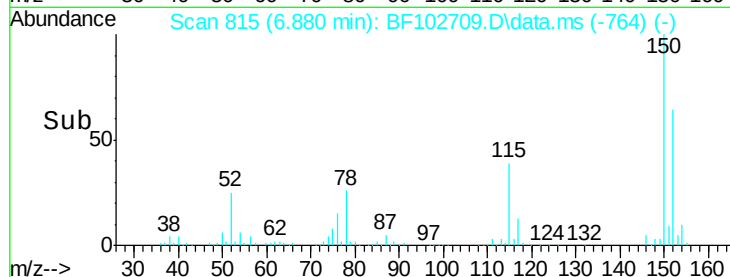
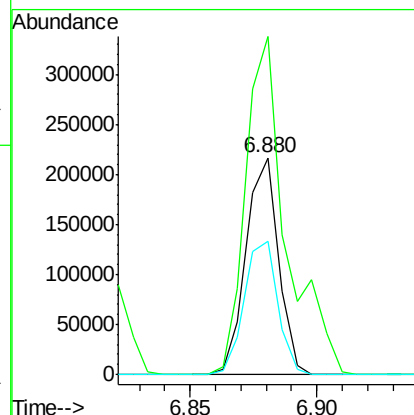
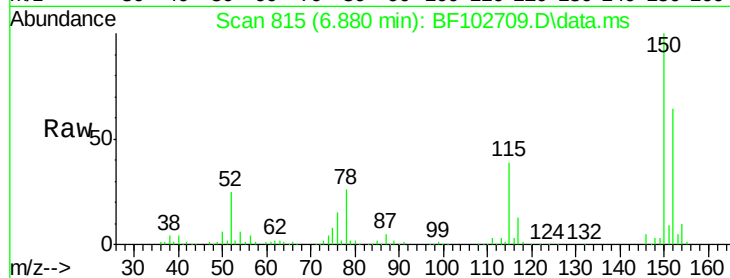
Tot Ion:152 Resp: 193484

Ion Ratio Lower Upper

152 100

150 156.1 124.6 186.8

115 61.4 50.1 75.1



#2

1,4-Dioxane

Concen: 46.52 ng

RT: 2.651 min Scan# 96

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

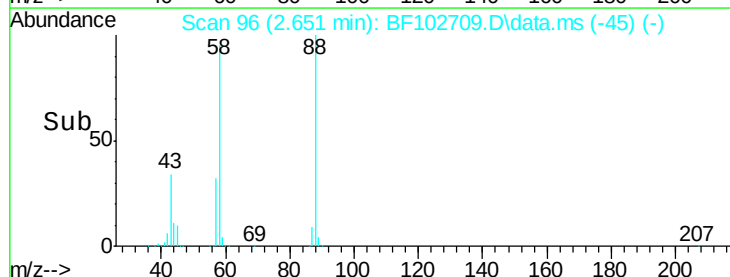
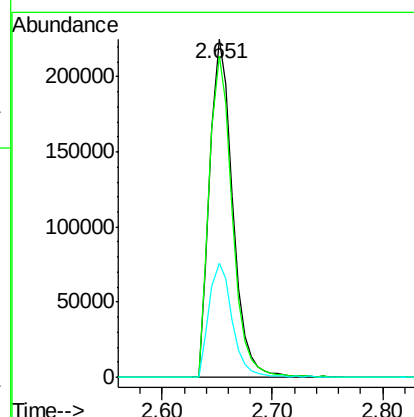
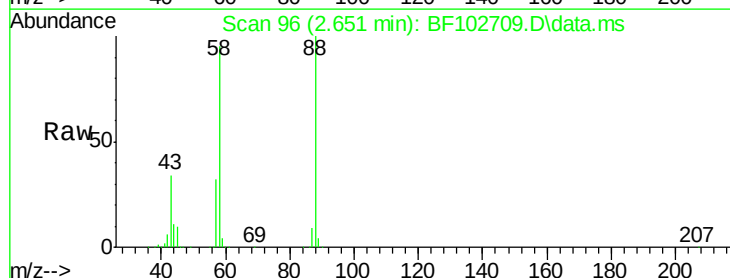
Tgt Ion: 88 Resp: 318096

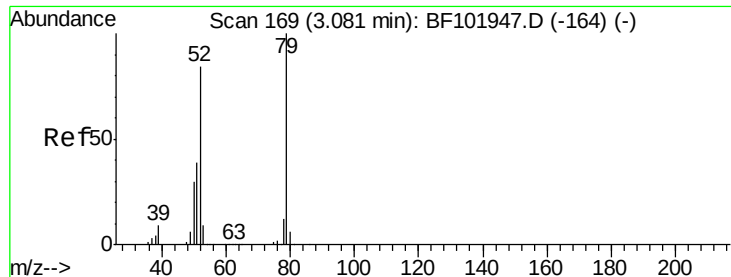
Ion Ratio Lower Upper

88 100

58 94.7 62.6 93.8#

43 34.4 24.6 37.0





#3

Pvridine

Concen: 46.45 ng

RT: 3.428 min Scan# 22

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

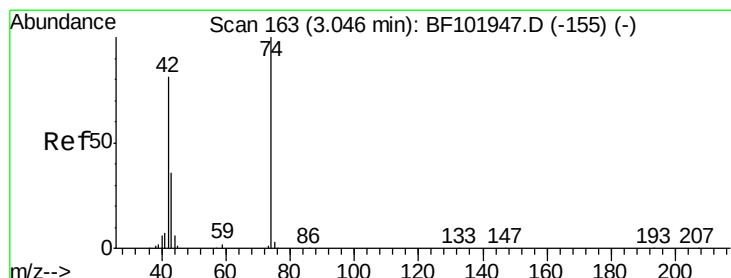
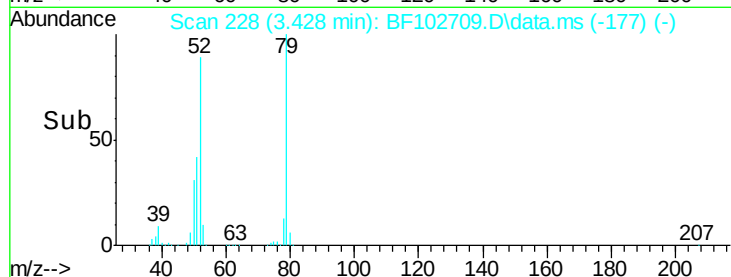
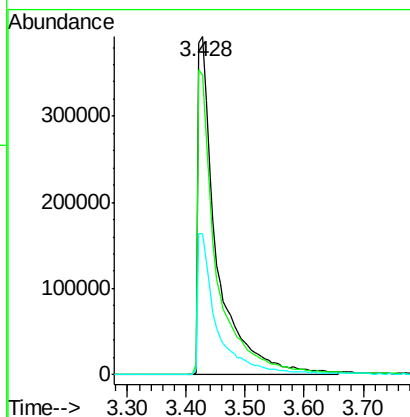
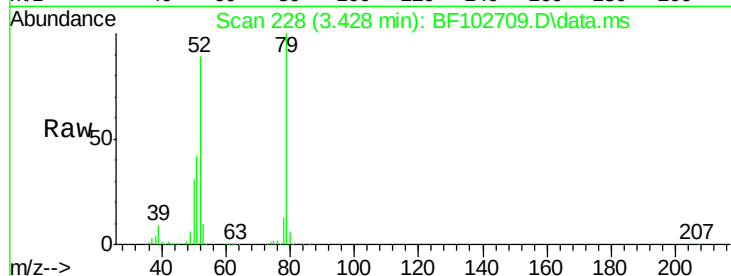
Tot Ion: 79 Resp: 867405

Ion Ratio Lower Upper

79 100

52 88.6 59.8 89.6

51 41.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 49.00 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

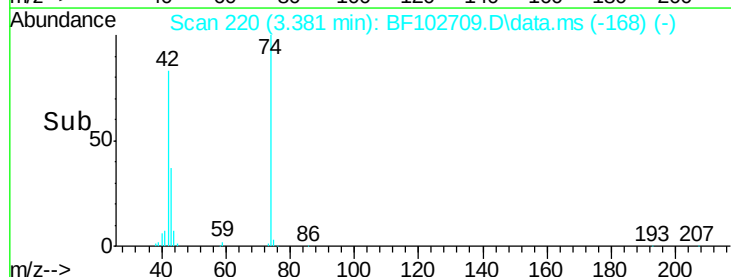
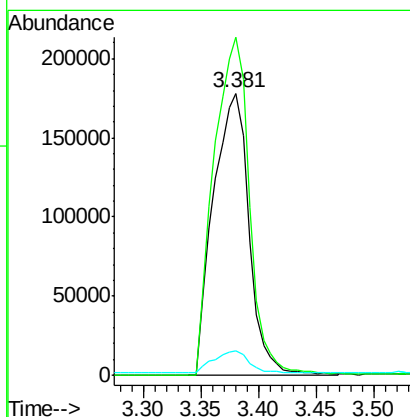
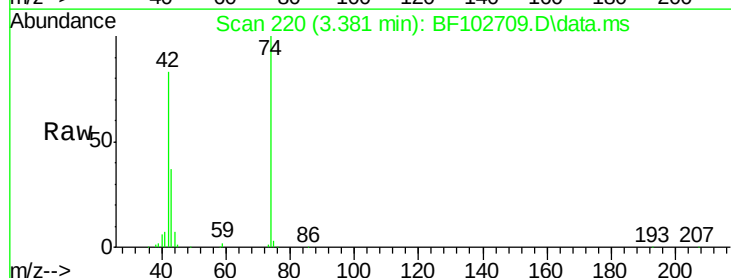
Tgt Ion: 42 Resp: 383158

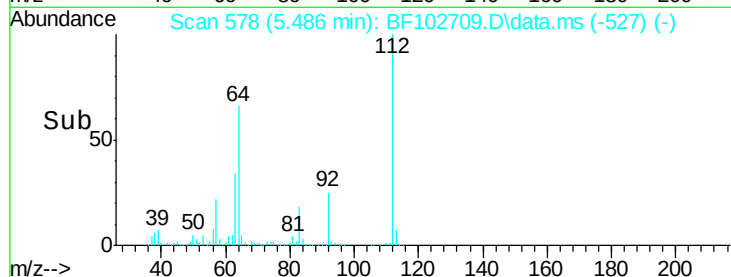
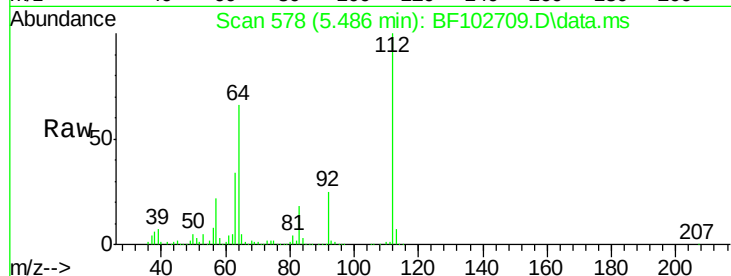
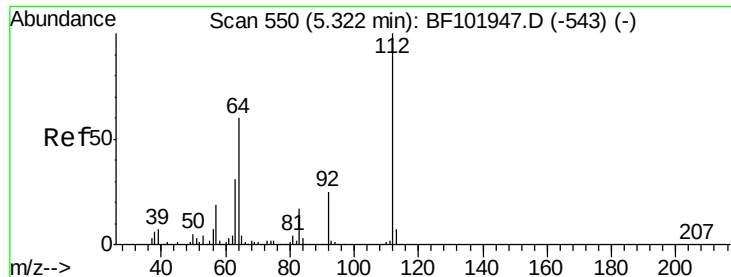
Ion Ratio Lower Upper

42 100

74 119.9 104.9 157.3

44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 90.48 ng

RT: 5.486 min Scan# 57

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

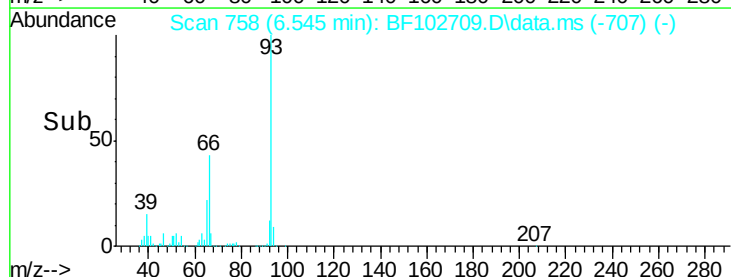
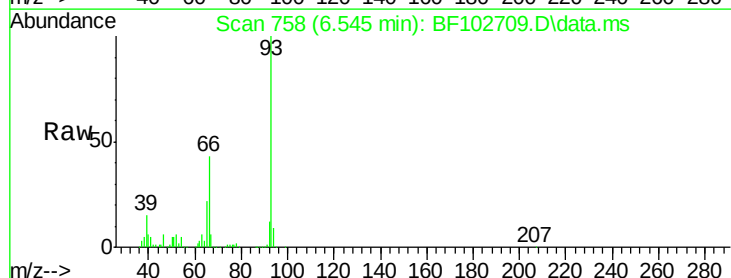
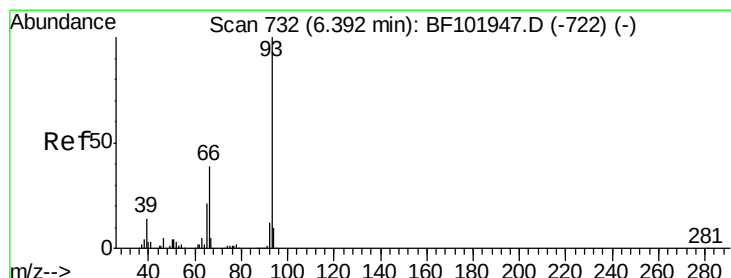
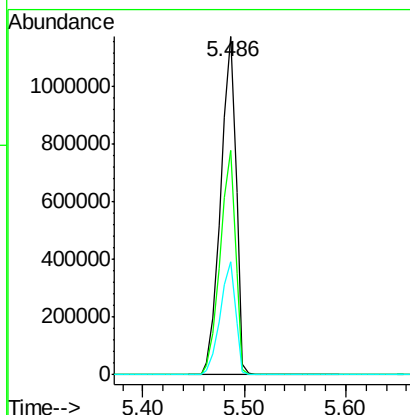
Tot Ion:112 Resp: 1239784

Ion Ratio Lower Upper

112 100

64 66.5 47.9 71.9

63 33.5 23.7 35.5



#6

Aniline

Concen: 48.51 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

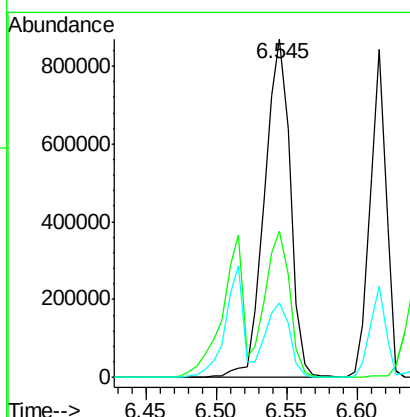
Tgt Ion: 93 Resp: 1117516

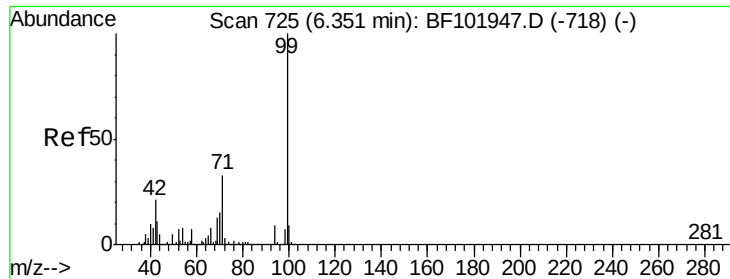
Ion Ratio Lower Upper

93 100

66 43.3 32.2 48.2

65 22.2 16.4 24.6





#7

Phenol-d6

Concen: 90.11 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

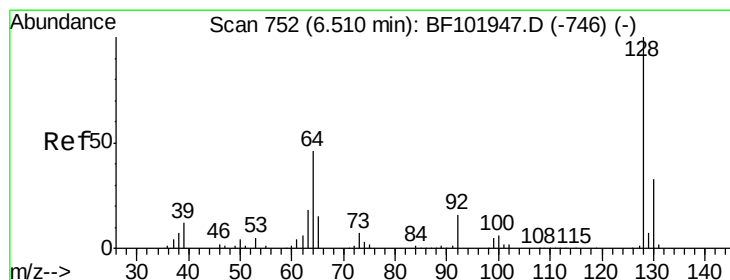
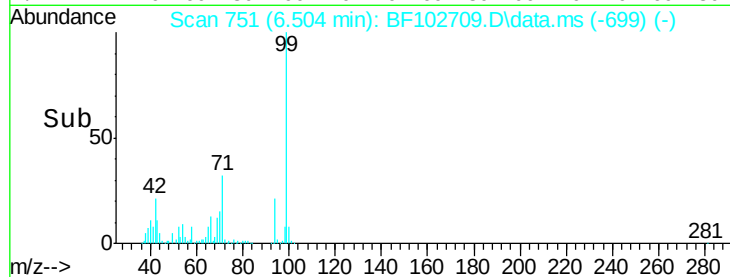
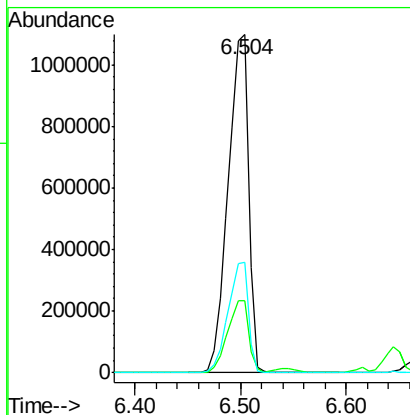
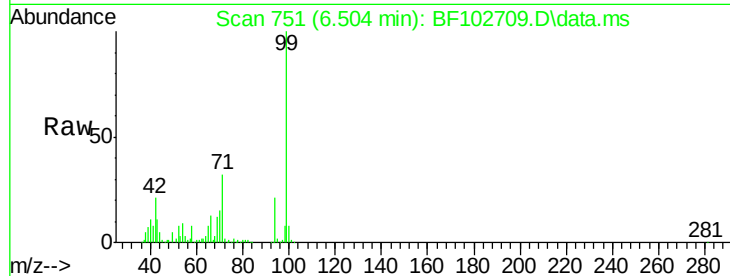
Tot Ion: 99 Resp: 1473124

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 32.5 25.4 38.0



#8

2-Chlorophenol

Concen: 46.83 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

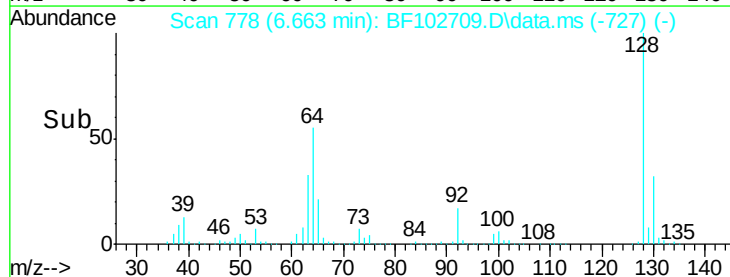
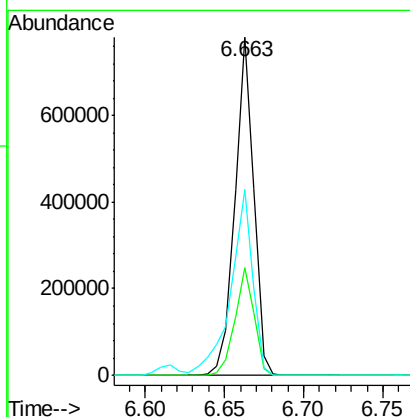
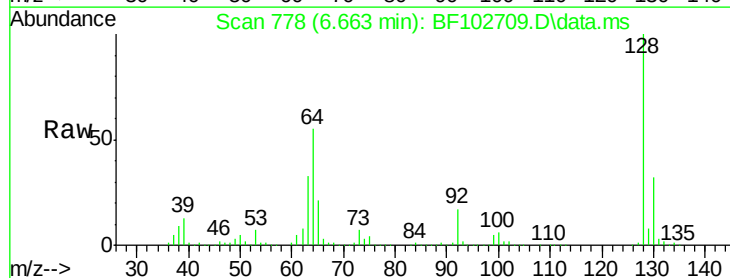
Tgt Ion: 128 Resp: 643578

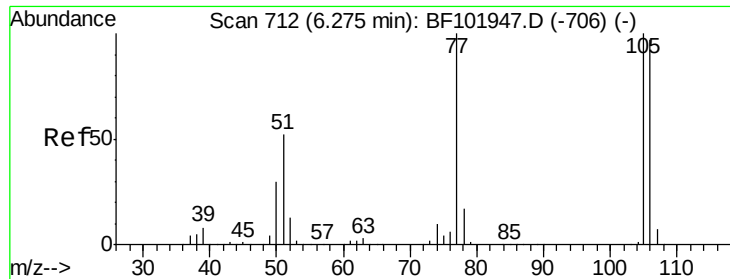
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 54.9 29.4 69.4

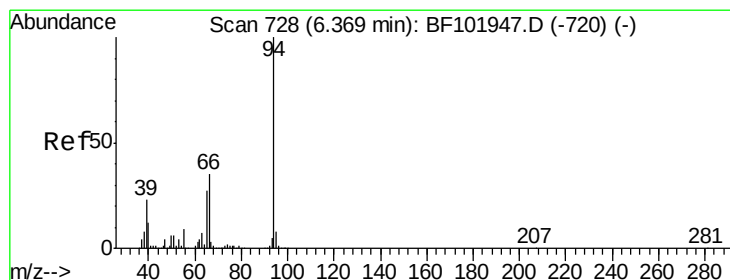
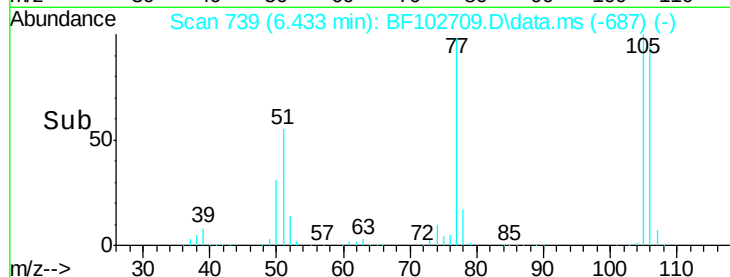
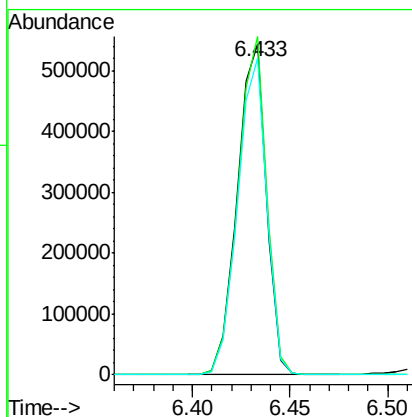
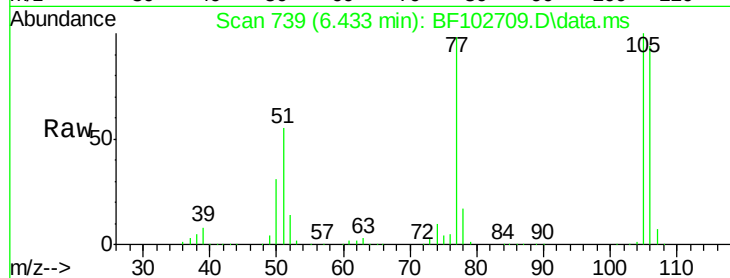




#9
Benzaldehyde
Concen: 49.15 ng
RT: 6.433 min Scan# 73
Delta R.T. 0.006 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

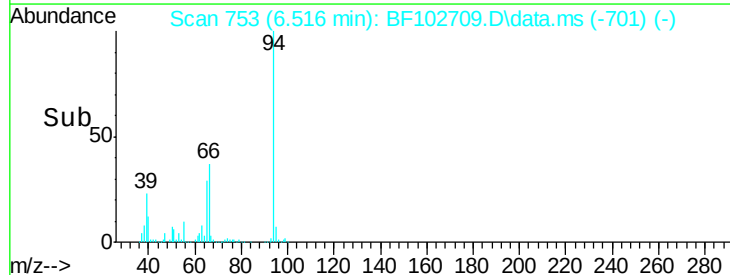
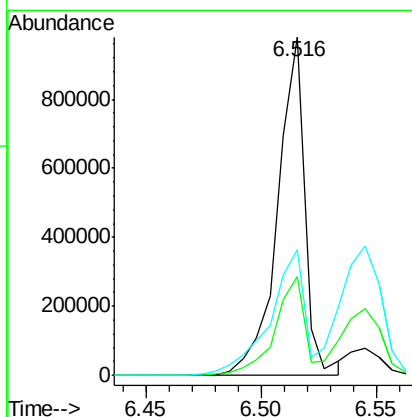
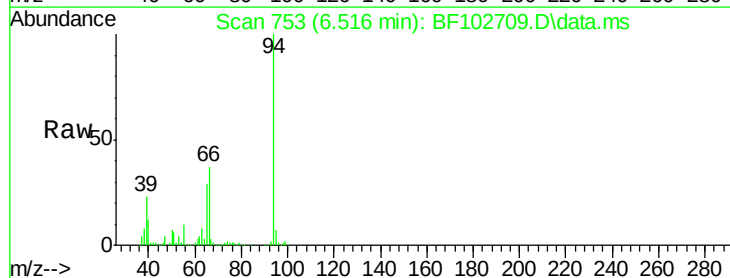
Instrument :
BNA_F
ClientSampleId :

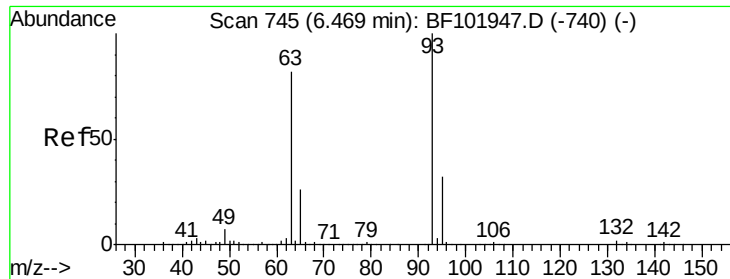
Tot Ion: 77 Resp: 557914
Ion Ratio Lower Upper
77 100
105 102.4 81.1 121.1
106 95.8 74.5 114.5



#10
Phenol
Concen: 43.34 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion: 94 Resp: 800633
Ion Ratio Lower Upper
94 100
65 29.3 7.9 47.9
66 37.2 16.2 56.2

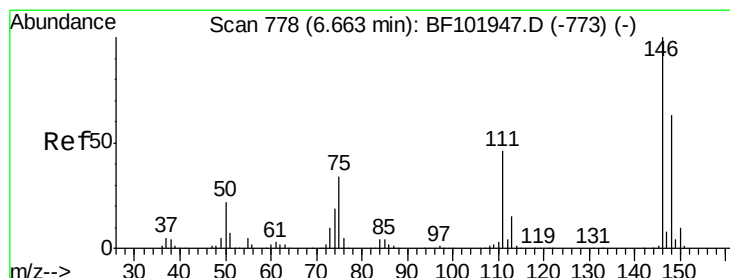
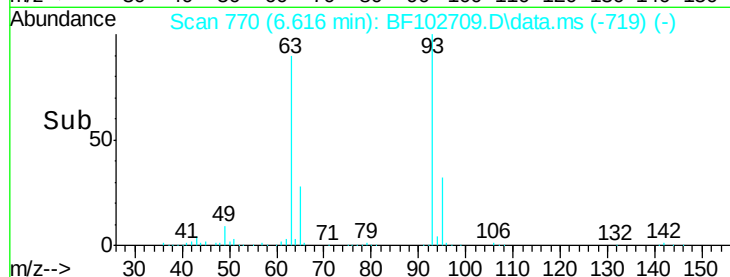
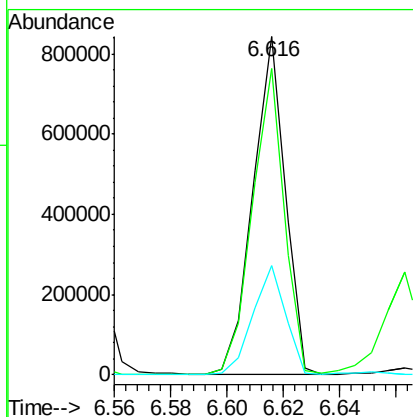
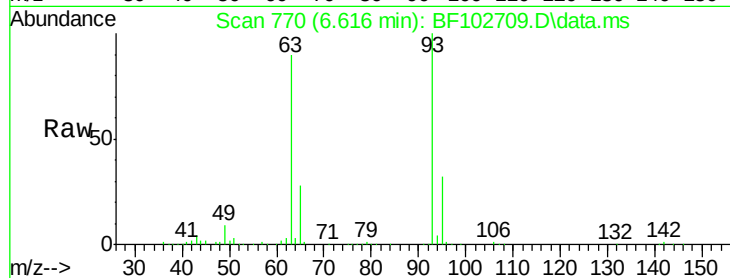




#11
bis(2-Chloroethyl)ether
Concen: 47.61 ng
RT: 6.616 min Scan# 77
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

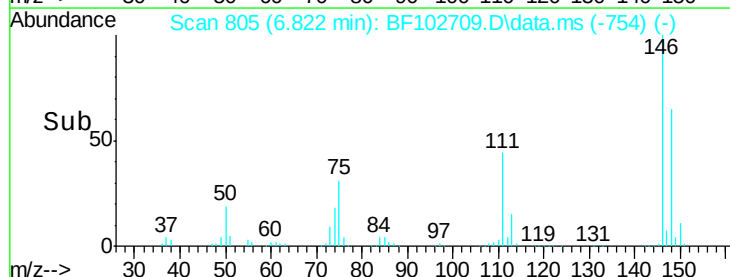
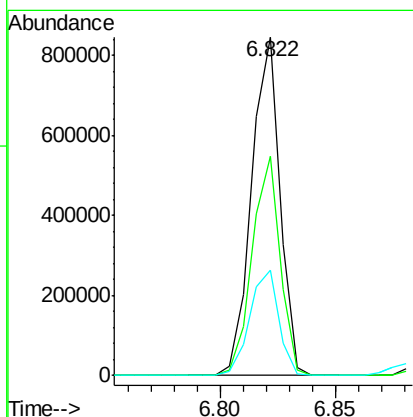
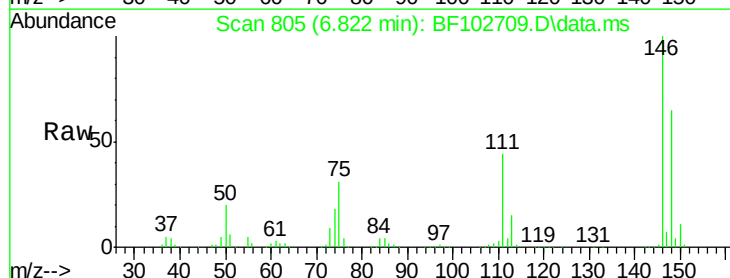
Instrument :
BNA_F
ClientSampleId :

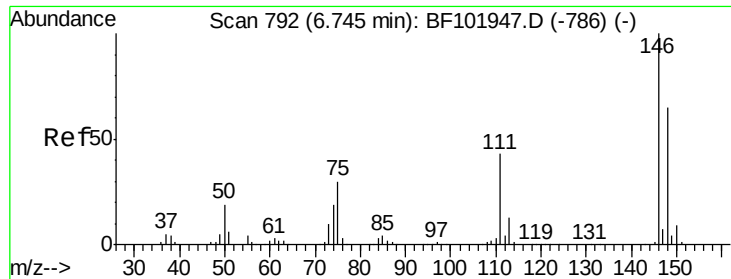
Tot Ion: 93 Resp: 669561
Ion Ratio Lower Upper
93 100
63 90.5 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.01 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion: 146 Resp: 728802
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 30.9 24.2 36.4

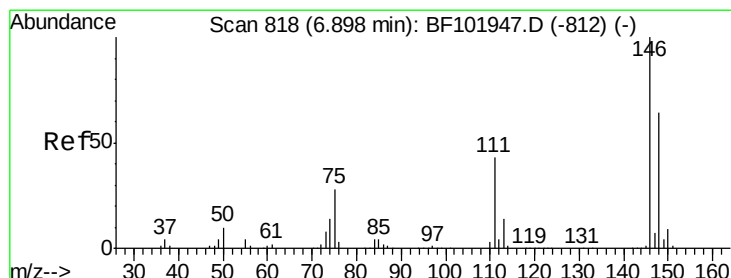
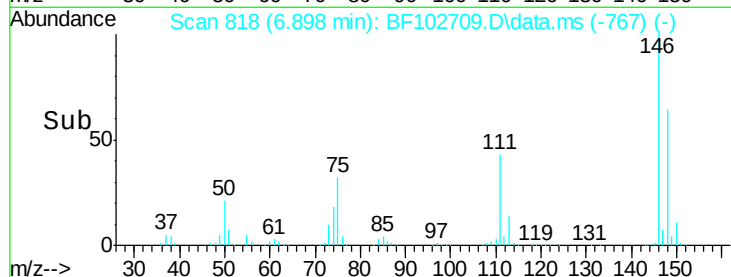
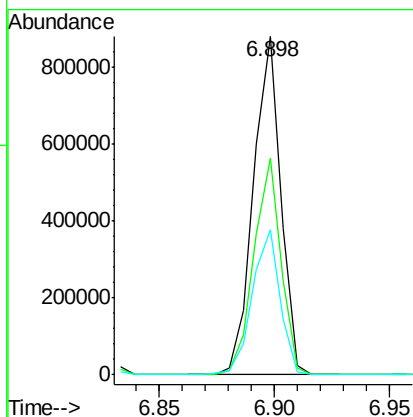
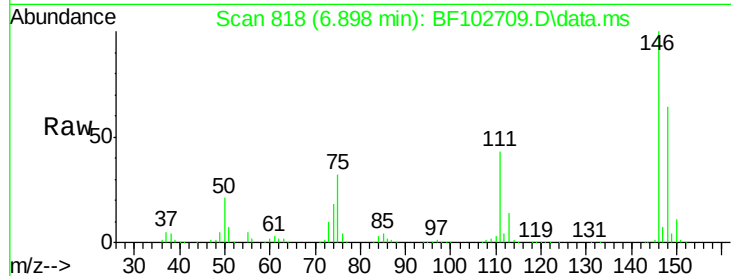




#13
 1,4-Dichlorobenzene
 Concen: 46.15 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

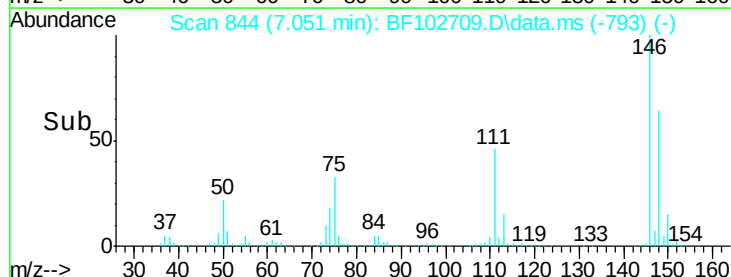
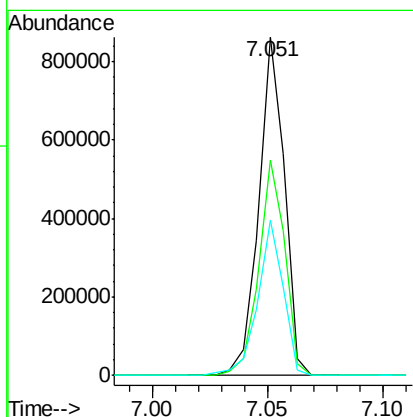
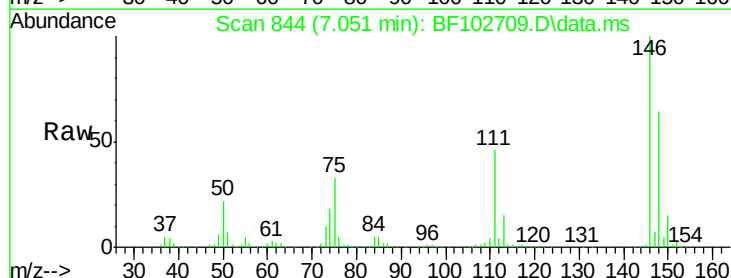
Instrument :
 BNA_F
 ClientSampleId :

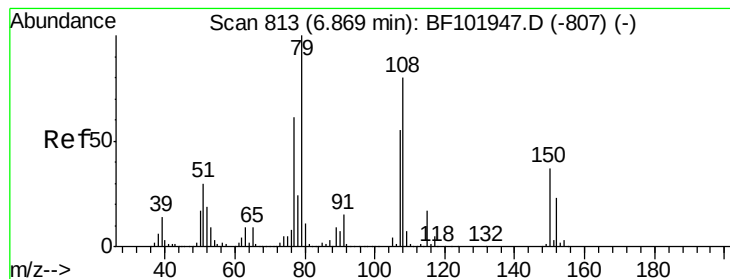
Tot Ion:146 Resp: 729484
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 45.60 ng
 RT: 7.051 min Scan# 844
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:146 Resp: 667240
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 45.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 49.15 ng

RT: 7.016 min Scan# 83

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampled :

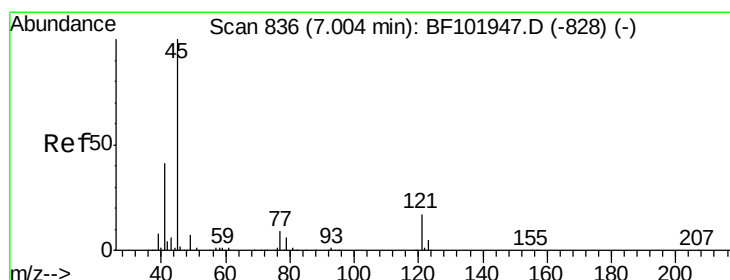
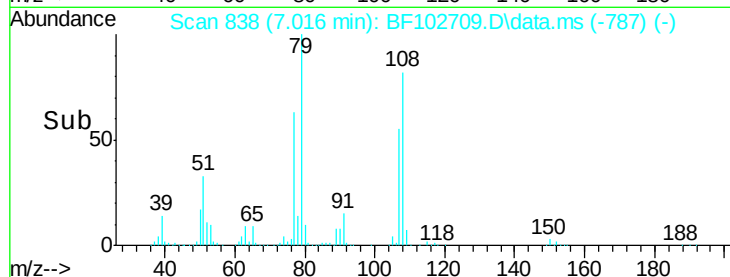
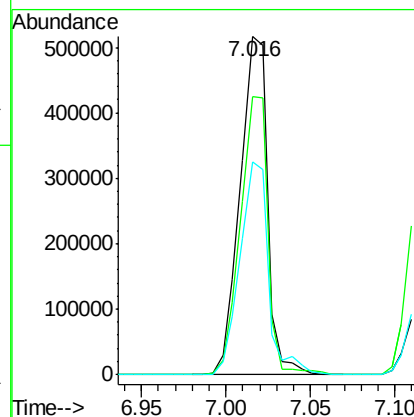
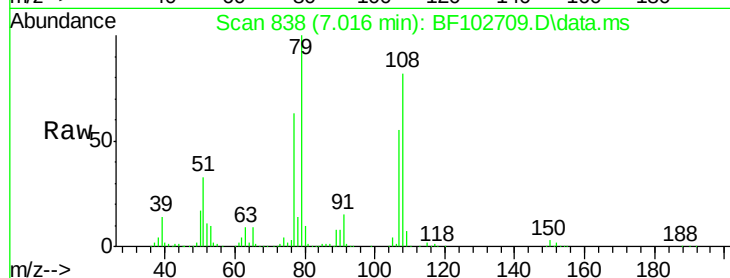
Tot Ion: 79 Resp: 587801

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.55 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

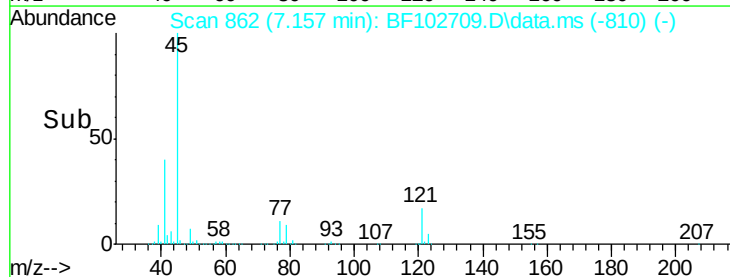
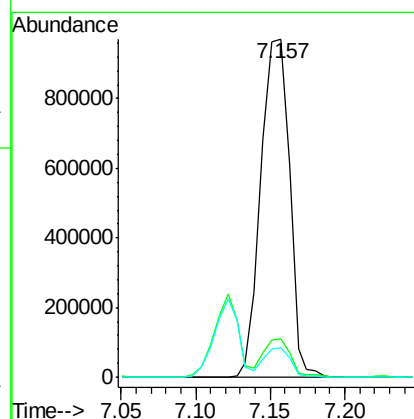
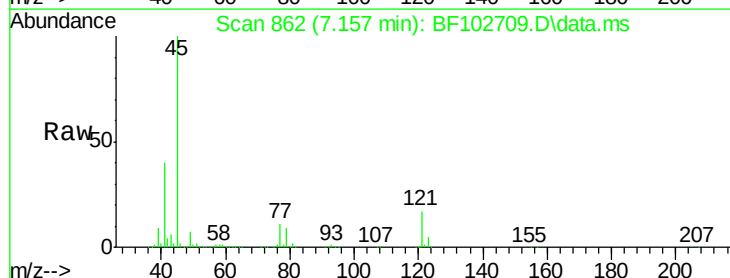
Tgt Ion: 45 Resp: 1284530

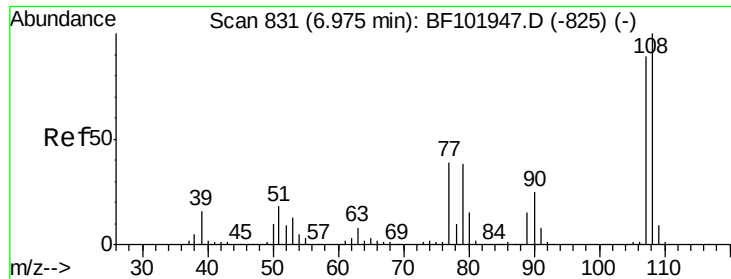
Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

79 8.9 0.0 29.6

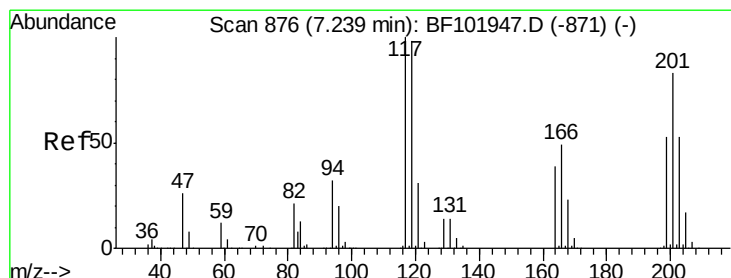
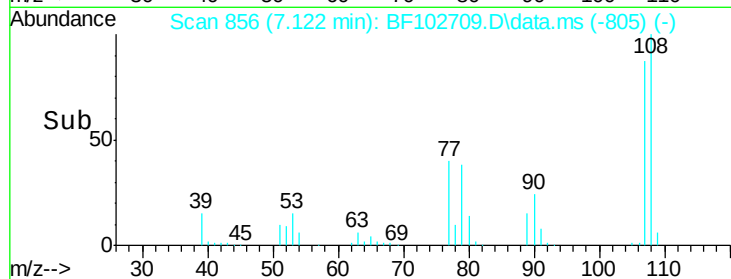
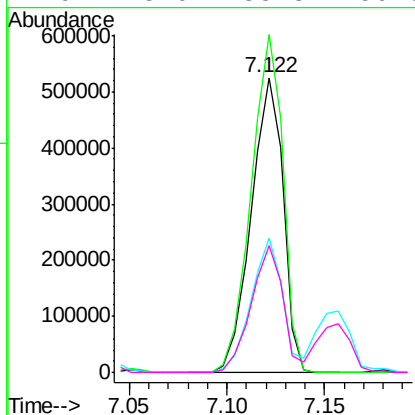
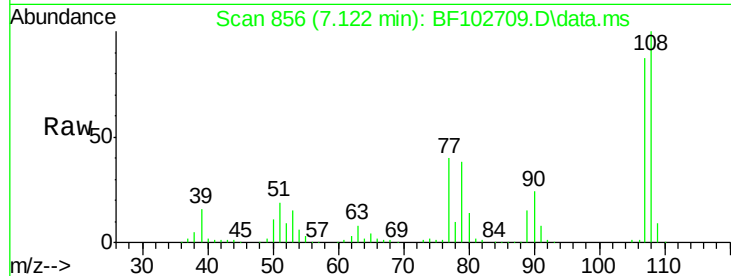




#17
2-Methylphenol
Concen: 47.99 ng
RT: 7.122 min Scan# 85
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

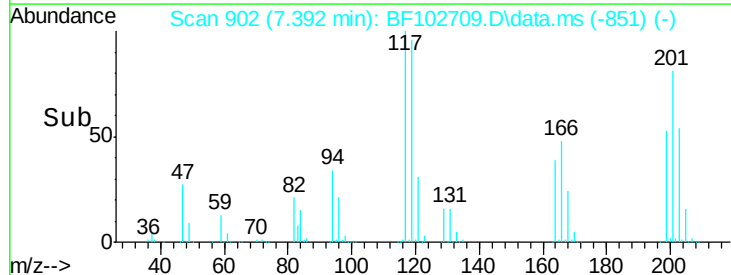
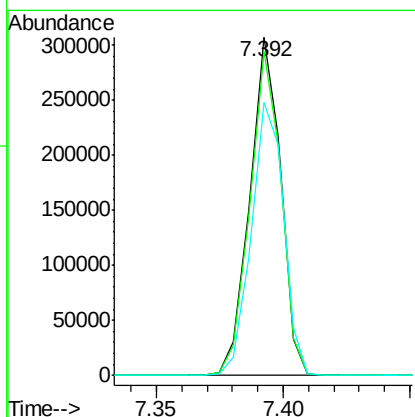
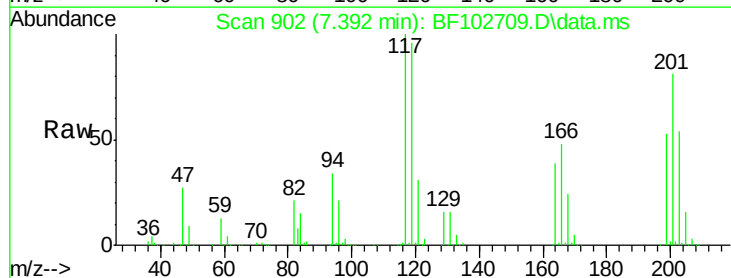
Instrument :
BNA_F
ClientSampleId :

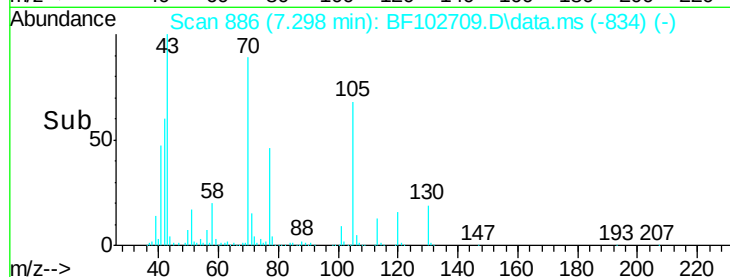
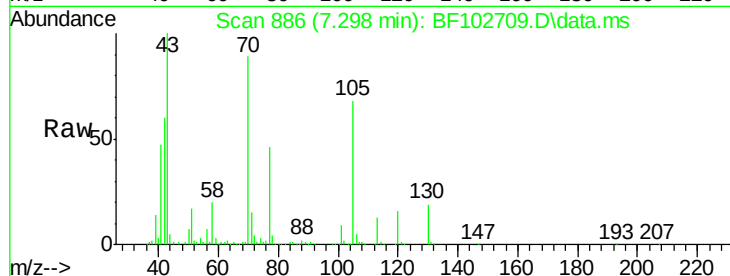
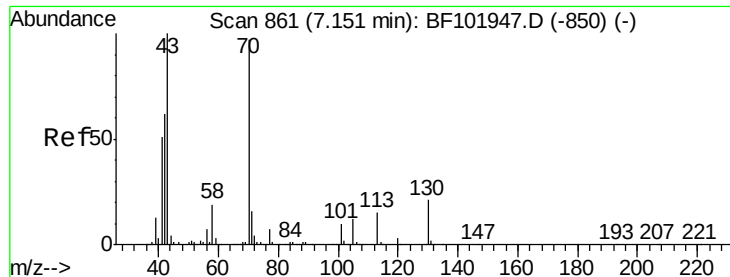
Tot Ion:	107	Resp:	594908
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	45.6	33.8	50.8
79	43.0	33.8	50.8



#18
Hexachloroethane
Concen: 46.97 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion:	117	Resp:	261454
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	80.5	75.7	113.5

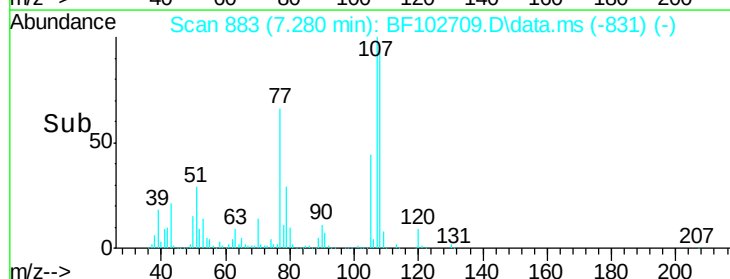
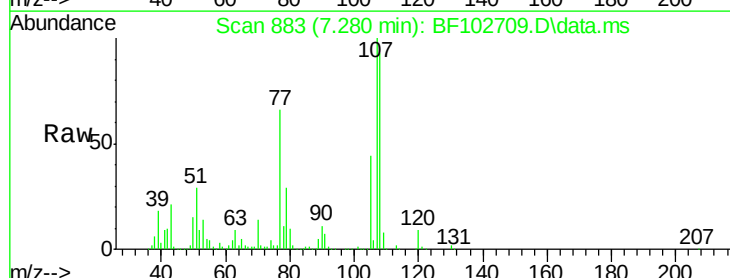
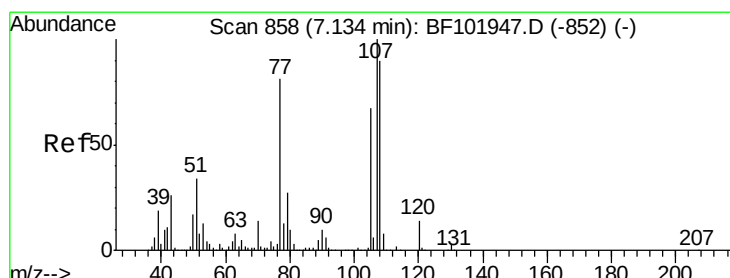
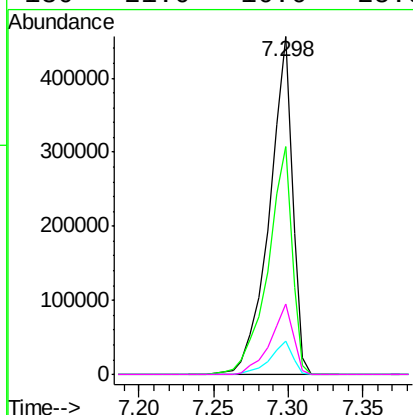




#19
n-Nitroso-di-n-propylamine
Concen: 45.79 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

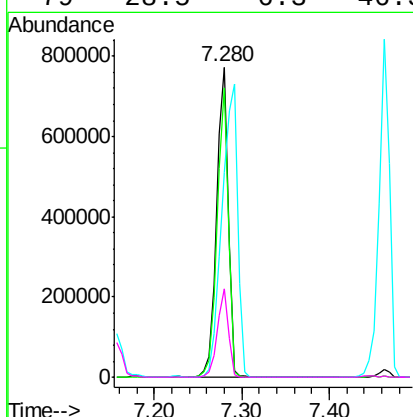
Instrument :
BNA_F
ClientSampleId :

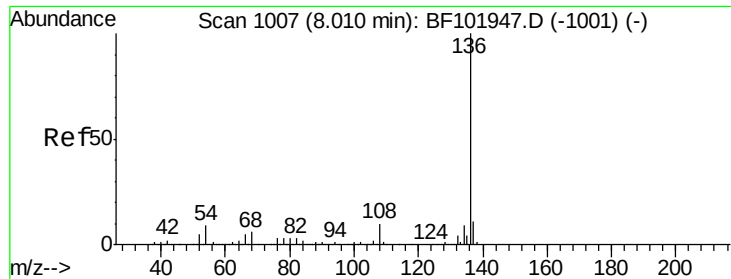
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	47.5	71.3
101	9.7	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.41 ng
RT: 7.280 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.2	108.2
77	65.9	26.7	66.7
79	28.5	6.3	46.3

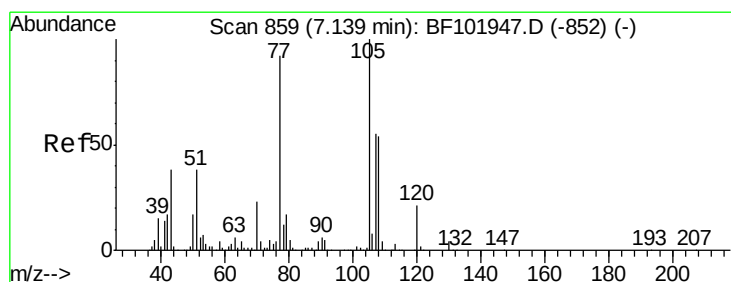
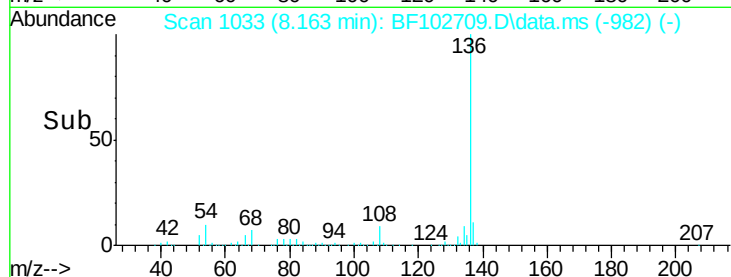
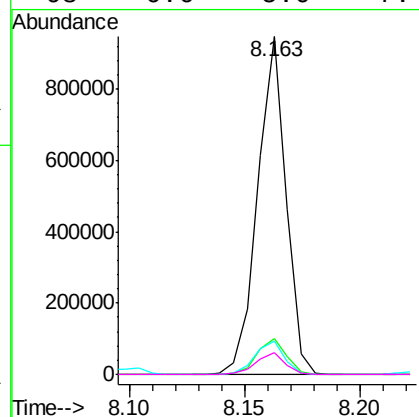
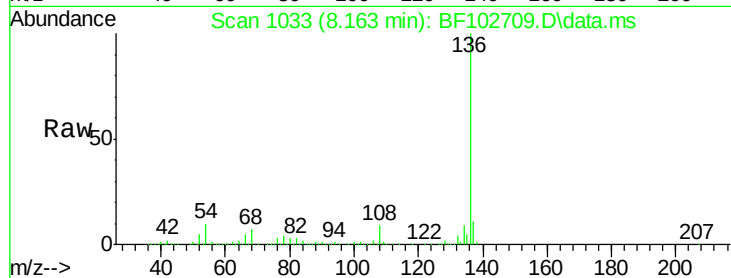




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

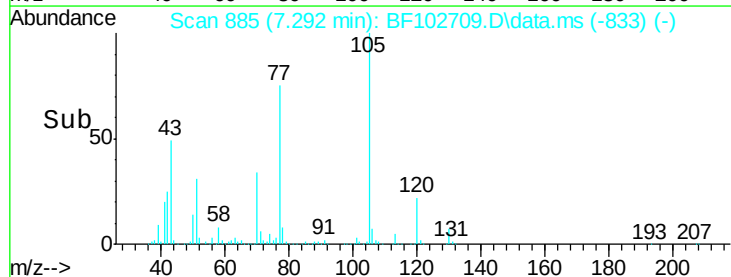
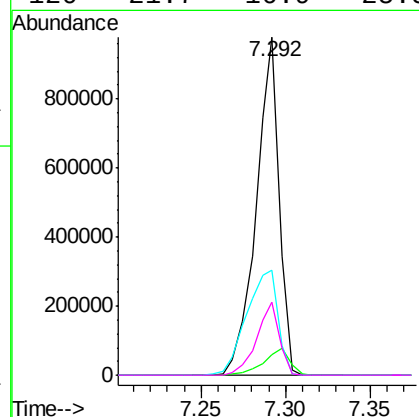
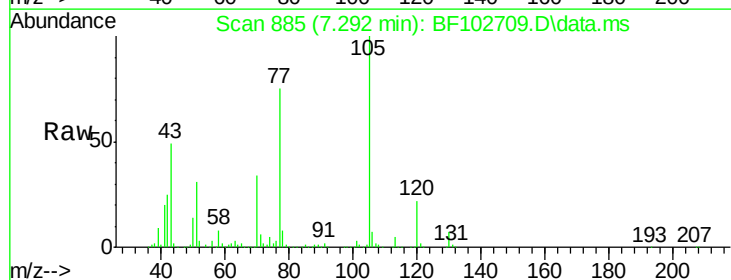
Instrument :
BNA_F
ClientSampleId :

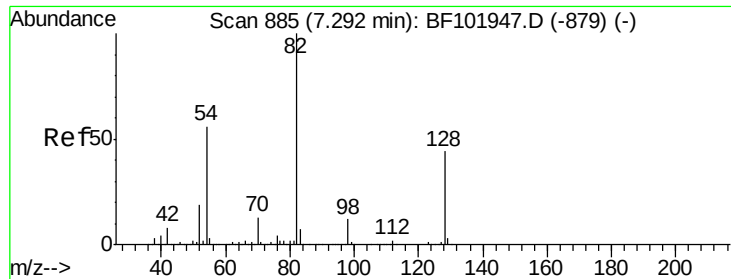
Tot Ion:136	Resp:	813552
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	9.9	6.6 9.8#
68	6.6	5.0 7.4



#22
Acetophenone
Concen: 47.46 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion:105	Resp:	930290
Ion Ratio	Lower	Upper
105	100	
71	6.0	4.4 6.6
51	31.3	22.3 33.5
120	21.7	16.9 25.3

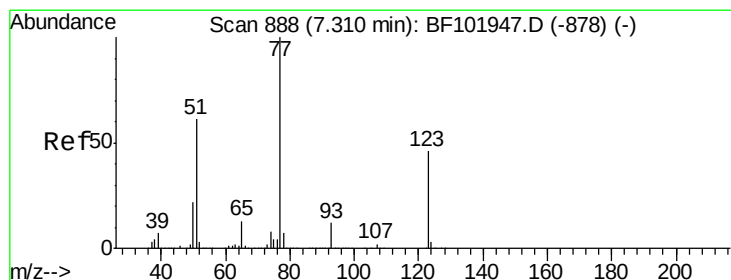
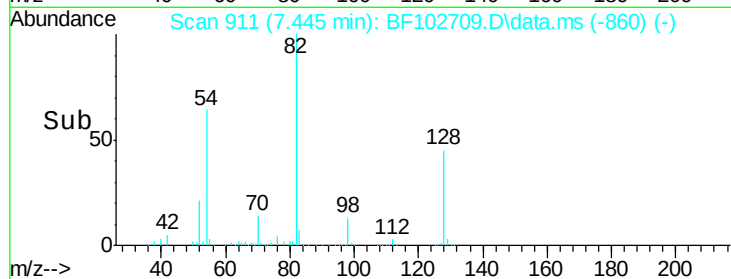
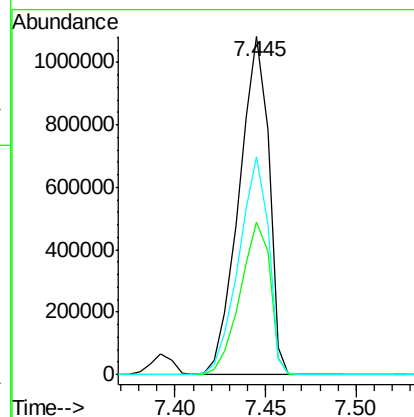
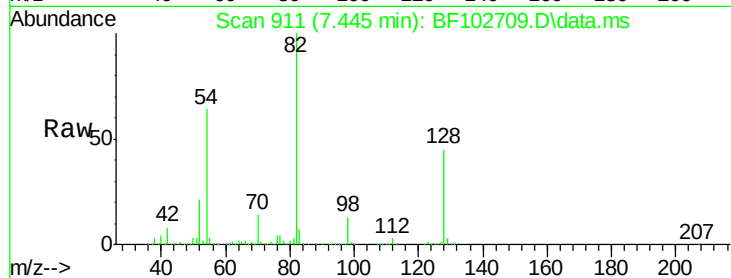




#23
 Nitrobenzene-d5
 Concen: 89.59 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

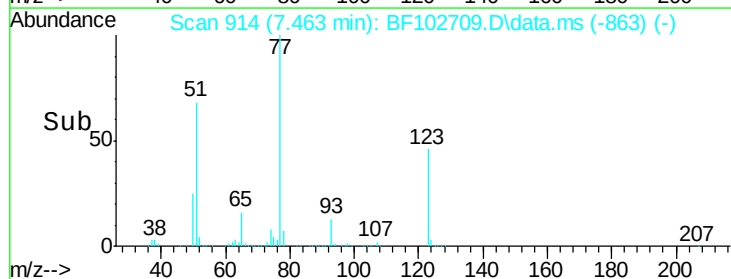
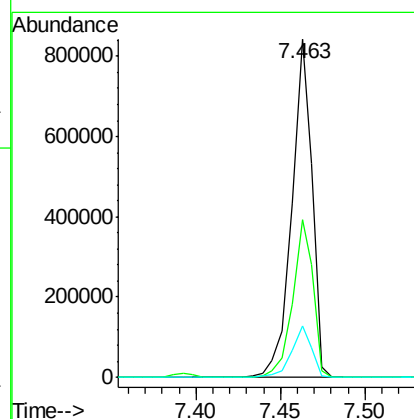
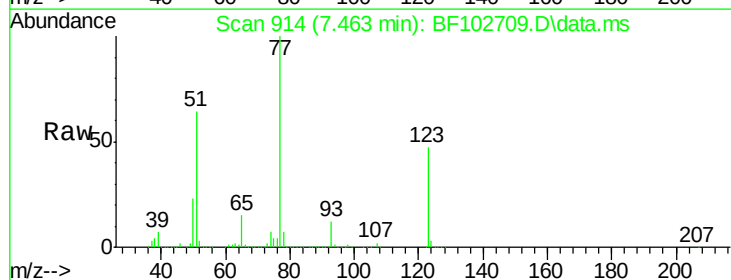
Instrument :
 BNA_F
 ClientSampleId :

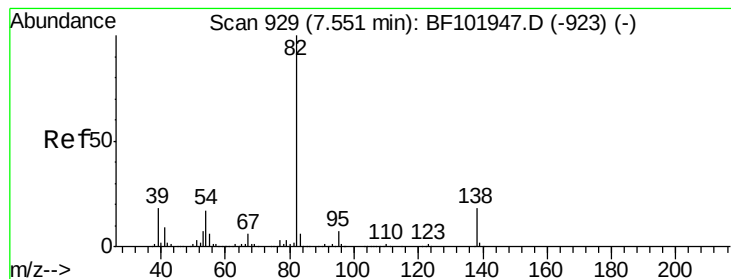
Tot Ion: 82 Resp: 1240368
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 64.4 41.4 62.2#



#24
 Nitrobenzene
 Concen: 47.69 ng
 RT: 7.463 min Scan# 914
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion: 77 Resp: 709498
 Ion Ratio Lower Upper
 77 100
 123 46.7 37.9 56.9
 65 15.1 11.0 16.4





#25

Isophorone

Concen: 48.62 ng

RT: 7.704 min Scan# 95

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

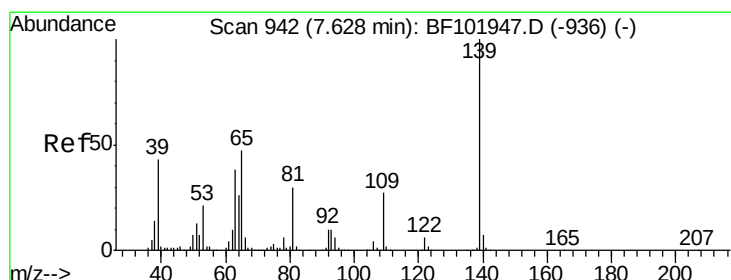
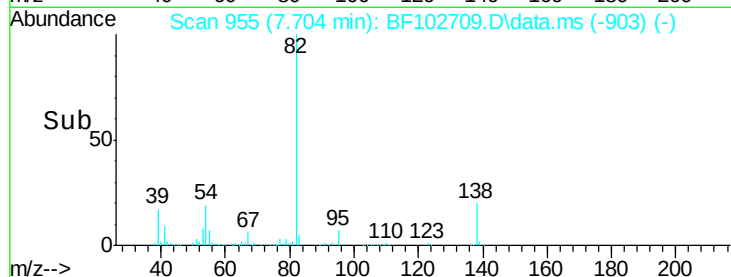
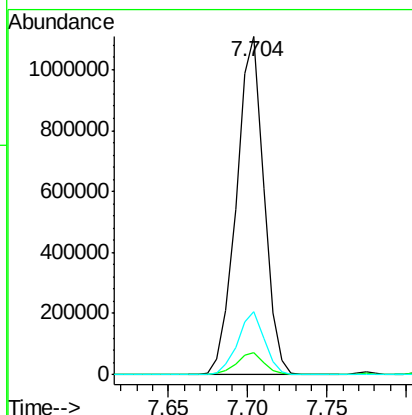
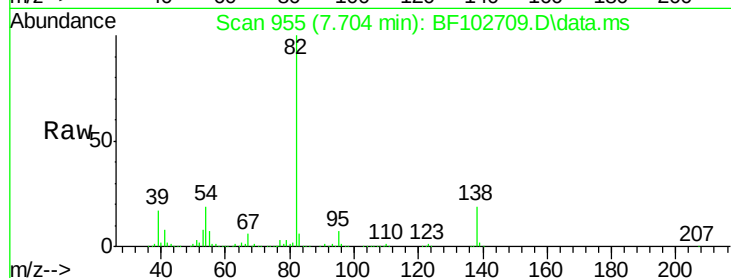
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1330135

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	18.8	14.9	22.3



#26

2-Nitrophenol

Concen: 45.33 ng

RT: 7.774 min Scan# 967

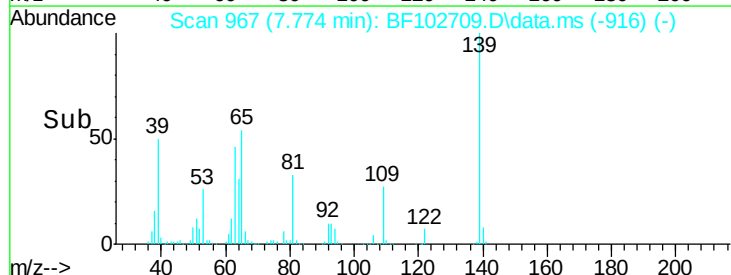
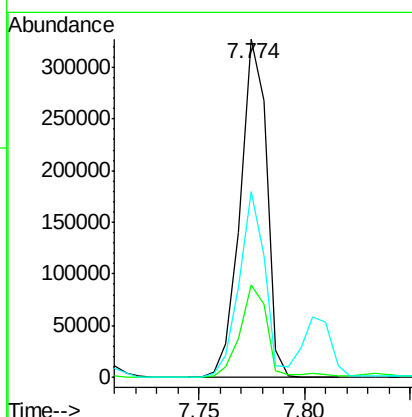
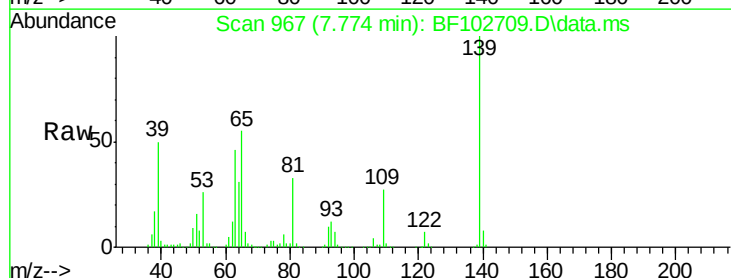
Delta R.T. -0.000 min

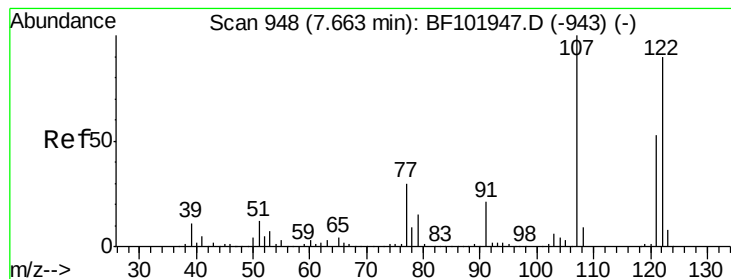
Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion: 139 Resp: 282255

Ion	Ratio	Lower	Upper
139	100		
109	27.4	22.7	34.1
65	55.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 49.09 ng

RT: 7.810 min Scan# 97

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

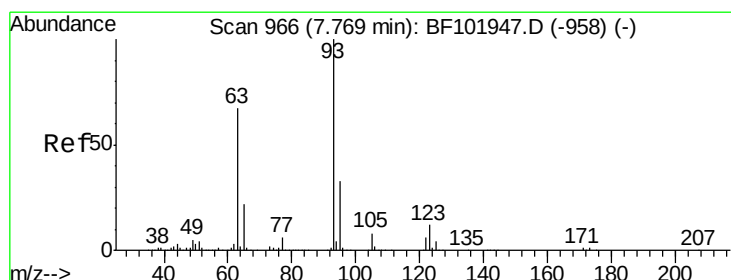
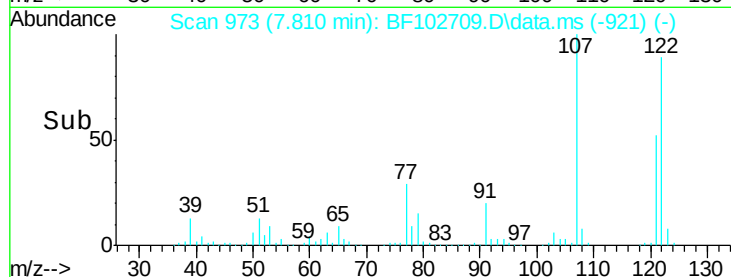
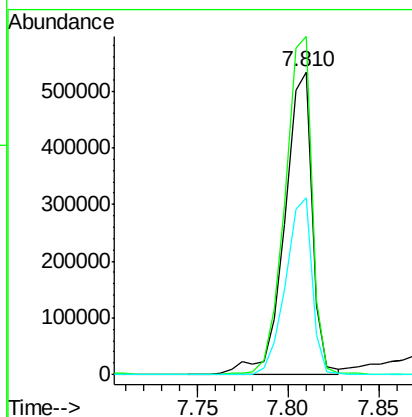
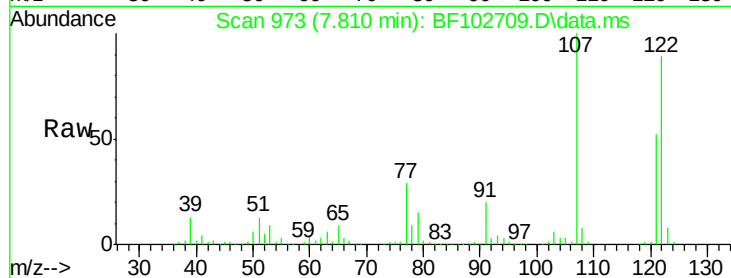
Tot Ion:122 Resp: 570858

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

121 58.4 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.31 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

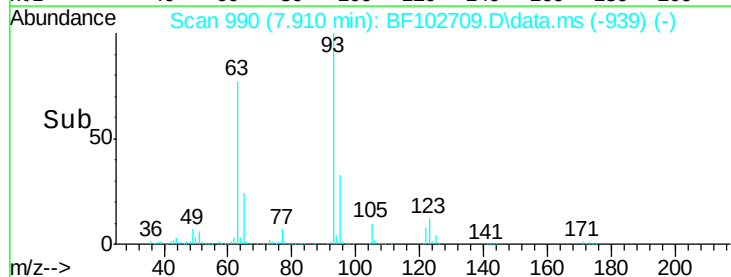
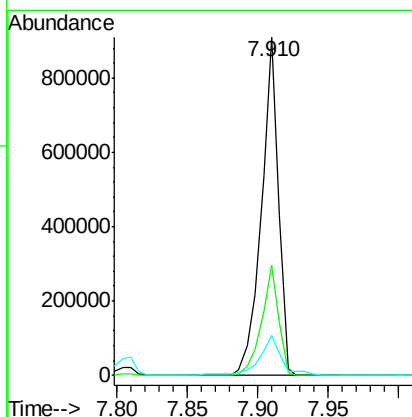
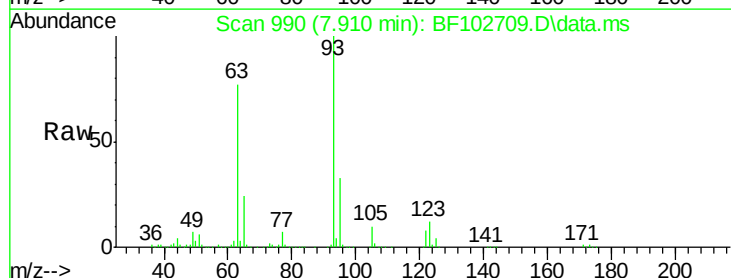
Tgt Ion: 93 Resp: 781448

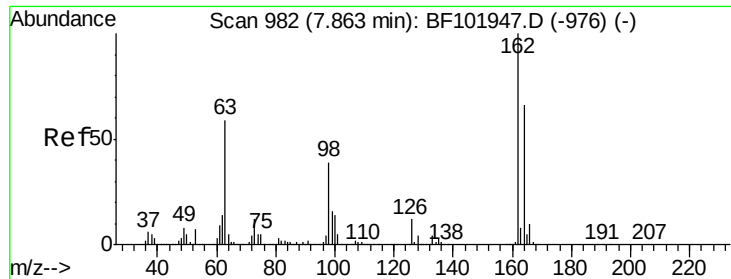
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 12.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 48.33 ng

RT: 8.010 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

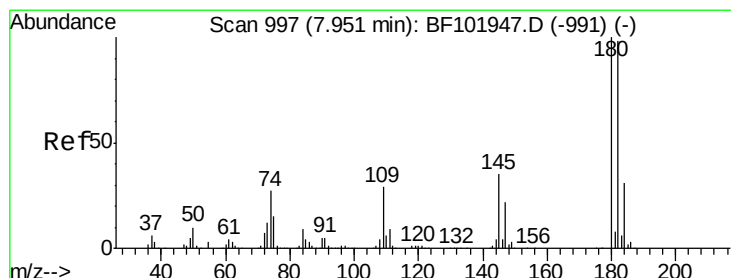
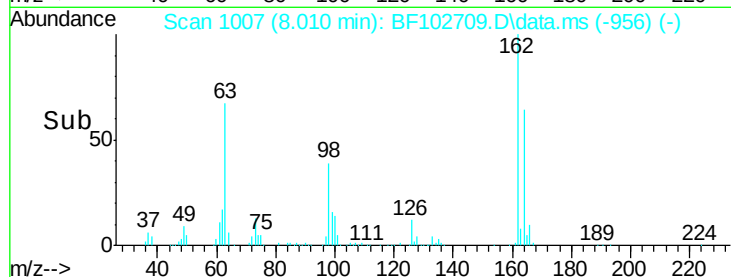
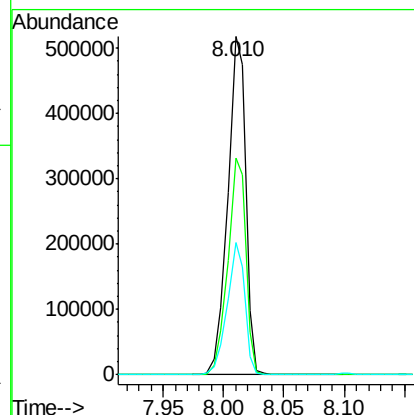
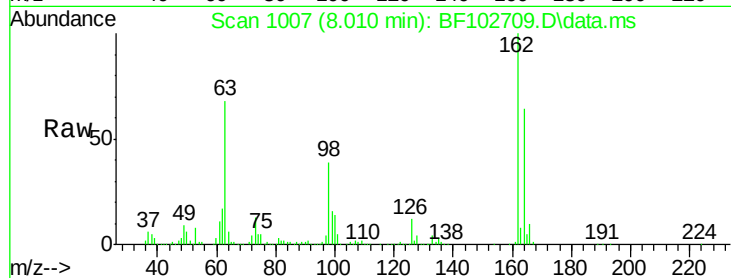
Tot Ion:162 Resp: 533640

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

98 38.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 49.59 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

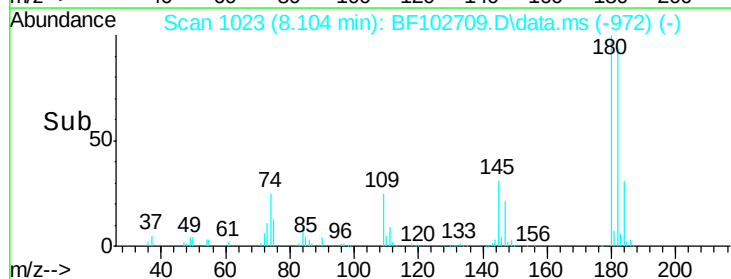
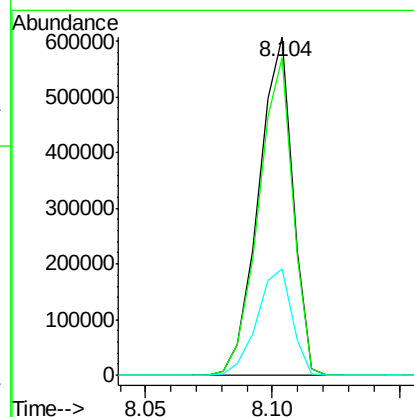
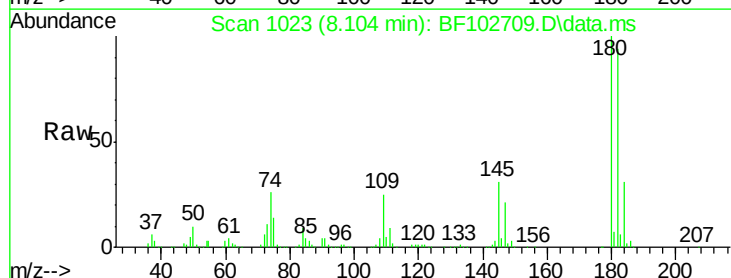
Tgt Ion:180 Resp: 572771

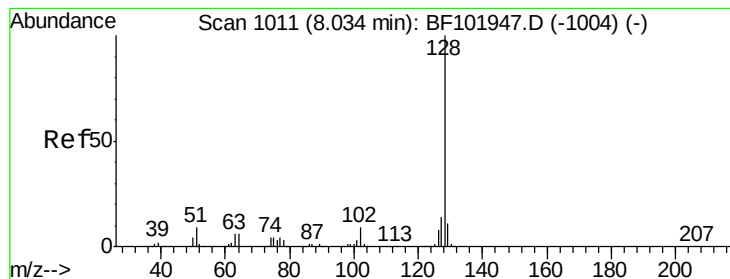
Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 31.5 26.5 39.7





#31

Naphthalene

Concen: 46.24 ng

RT: 8.186 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

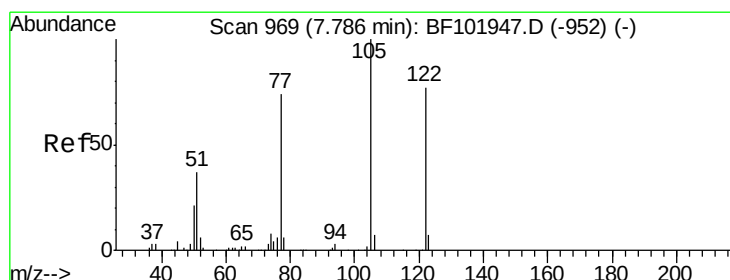
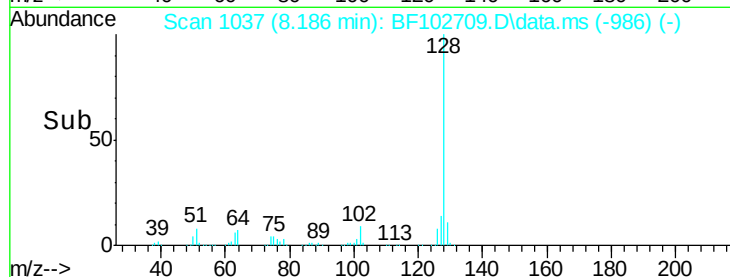
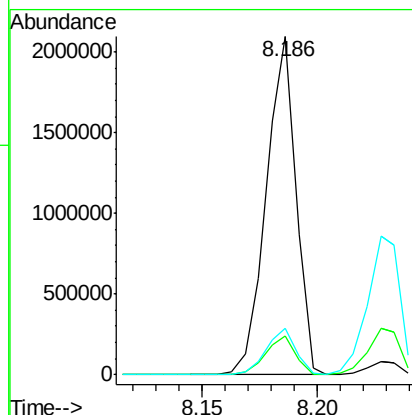
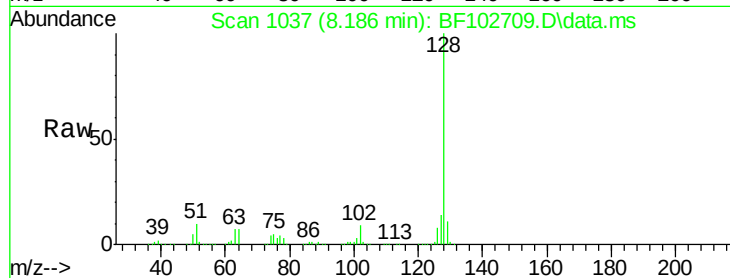
Tot Ion:128 Resp: 1879805

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 47.00 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.018 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

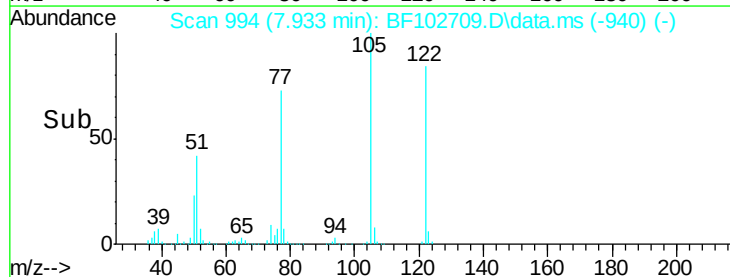
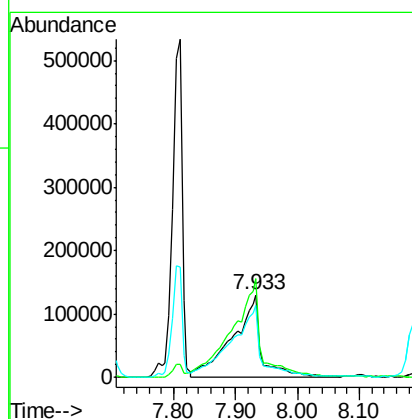
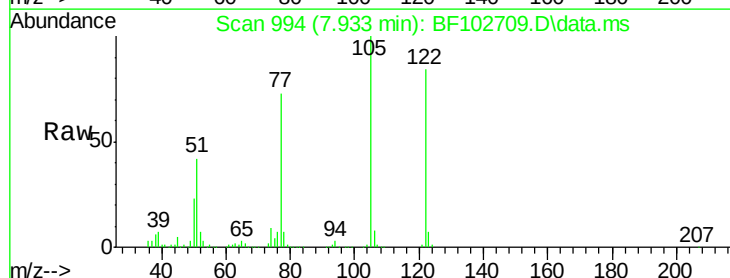
Tgt Ion:122 Resp: 414435

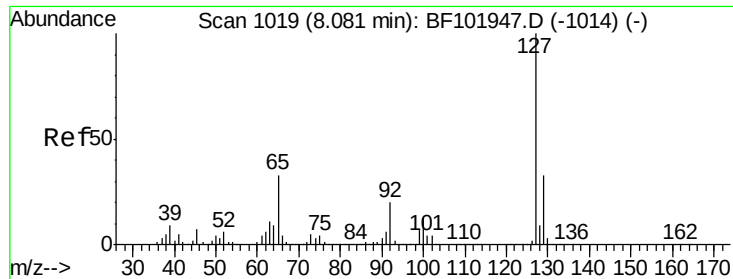
Ion Ratio Lower Upper

122 100

105 119.6 101.1 141.1

77 87.3 70.7 110.7

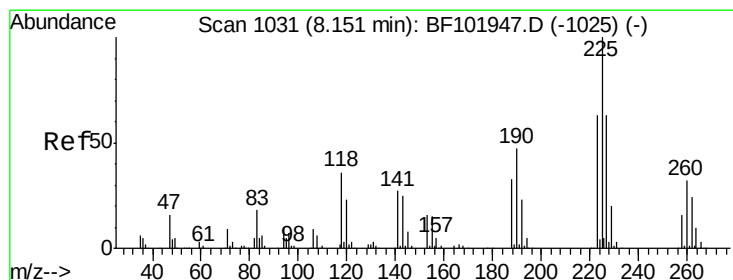
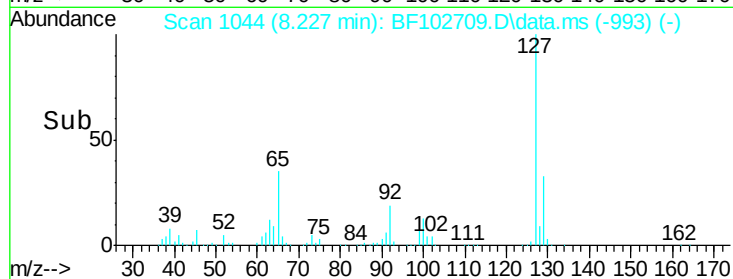
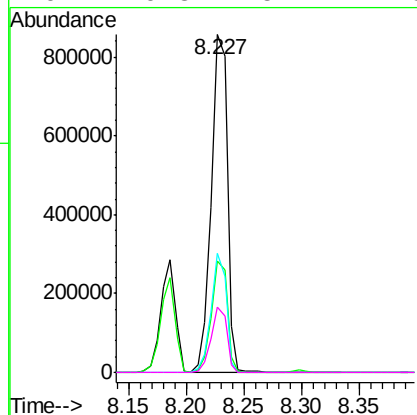
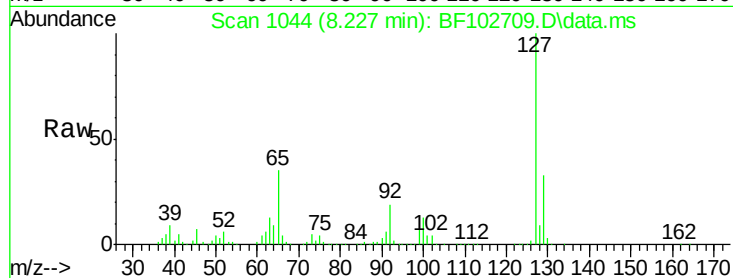




#33
4-Chloroaniline
Concen: 48.16 ng
RT: 8.227 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

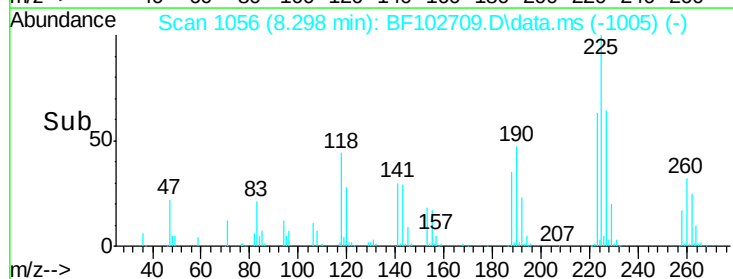
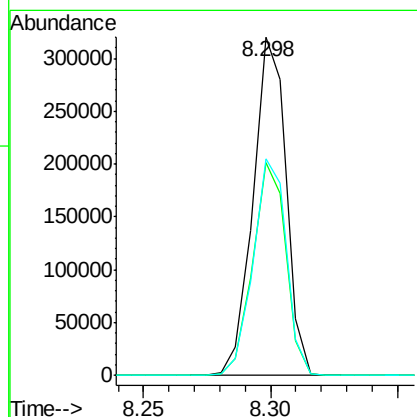
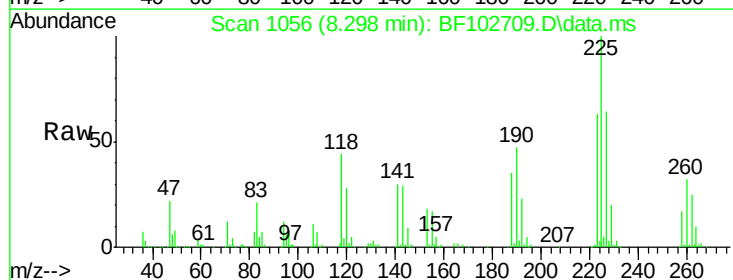
Instrument :
BNA_F
ClientSampleId :

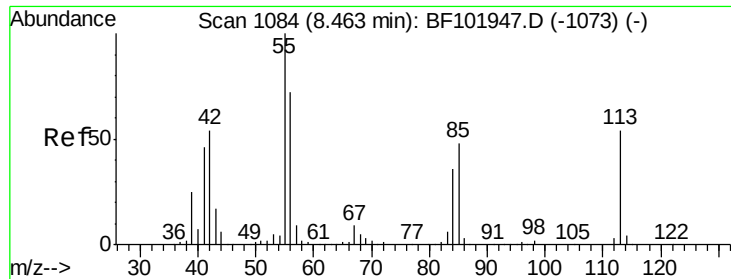
Tot Ion:	127	Resp:	835679
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	35.3	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 47.35 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion:	225	Resp:	289472
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.1	51.9	77.9

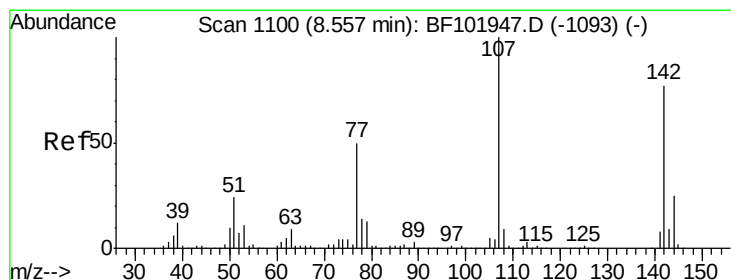
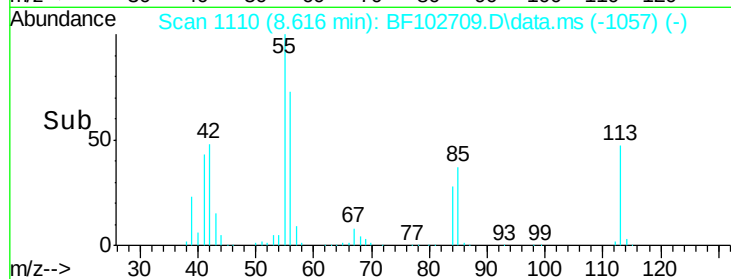
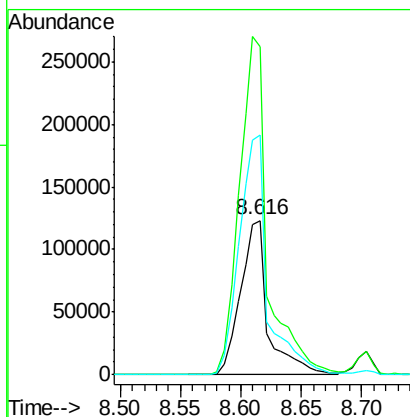
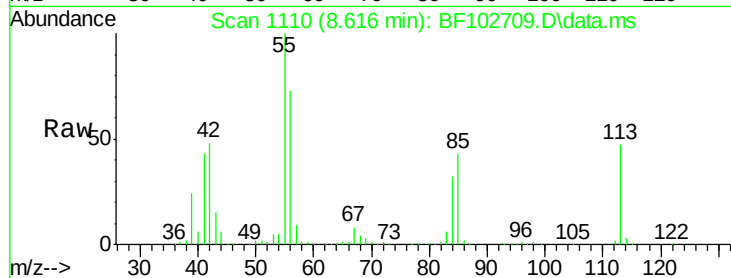




#35
 Caprolactam
 Concen: 51.43 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

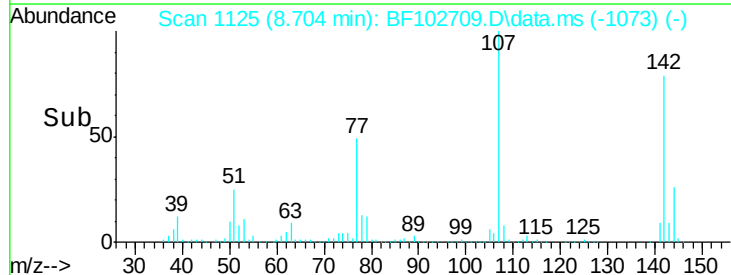
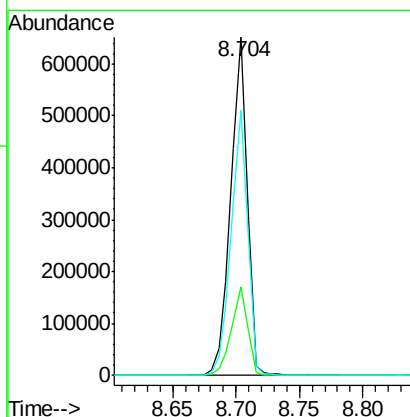
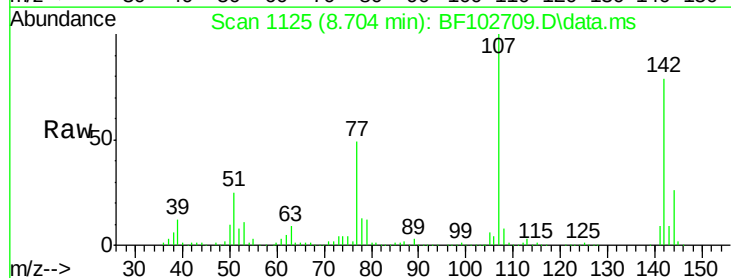
Instrument :
 BNA_F
 ClientSampleId :

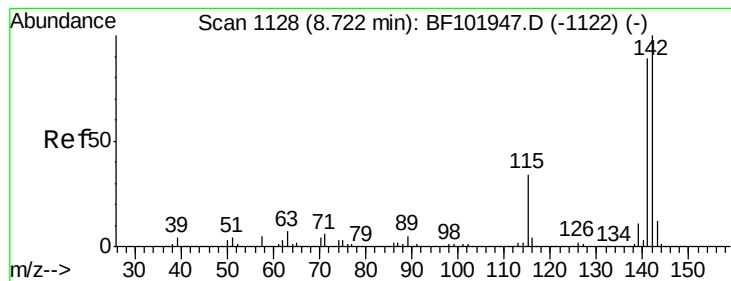
Tot Ion:113 Resp: 194960
 Ion Ratio Lower Upper
 113 100
 55 212.5 163.3 203.3#
 56 155.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.67 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:107 Resp: 588196
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 78.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 46.17 ng

RT: 8.874 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

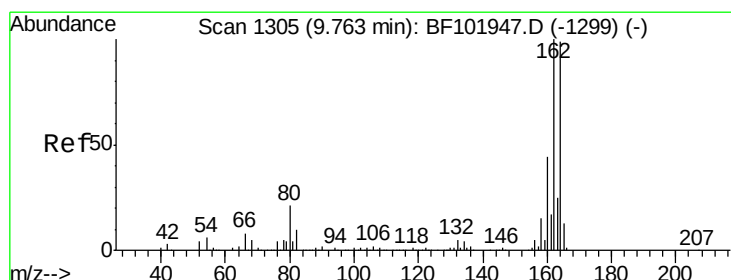
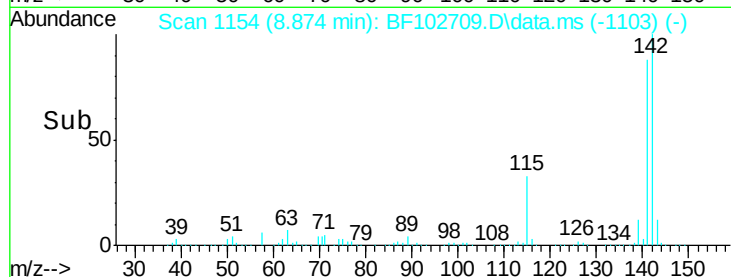
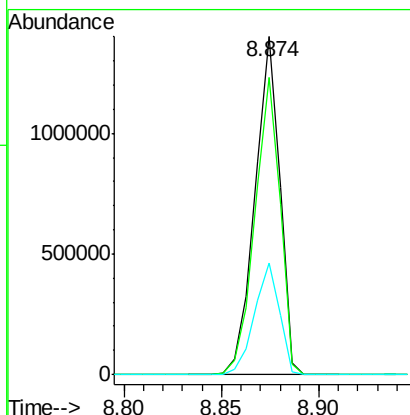
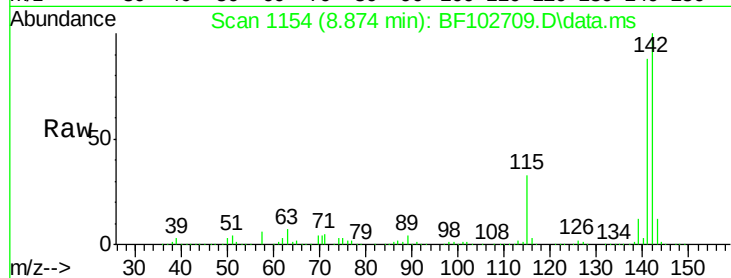
Tot Ion:142 Resp: 1235638

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

115 33.1 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

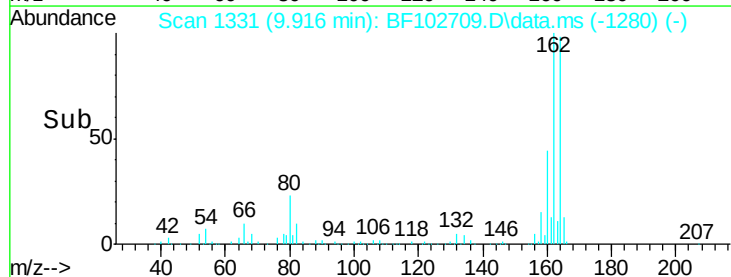
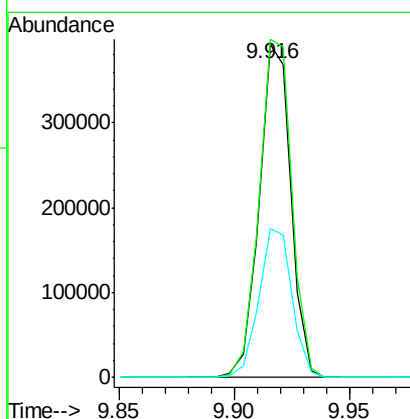
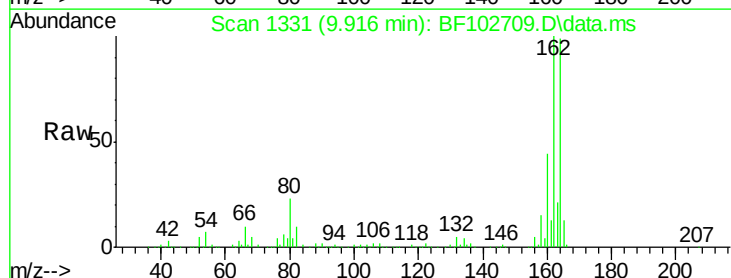
Tgt Ion:164 Resp: 373682

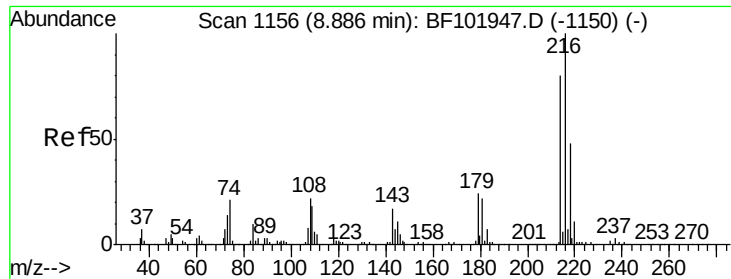
Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

160 44.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.67 ng

RT: 9.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 482843

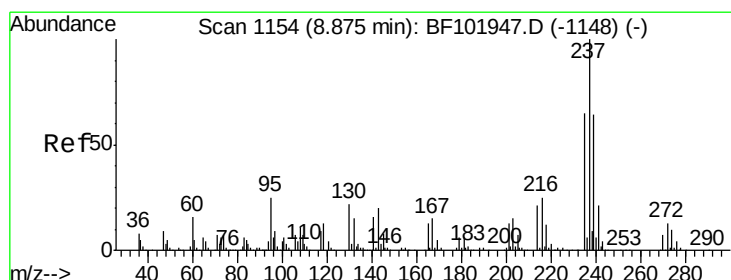
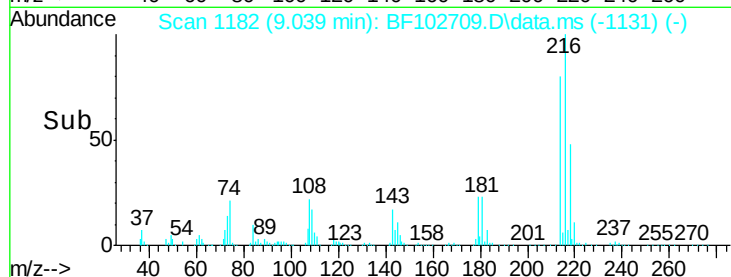
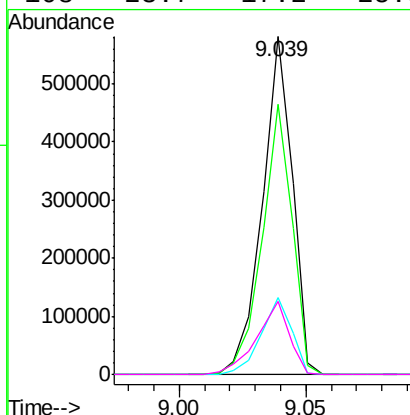
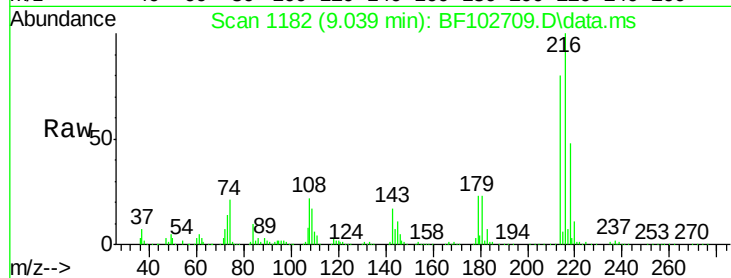
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 23.3 18.1 27.1

108 23.7 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 45.32 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

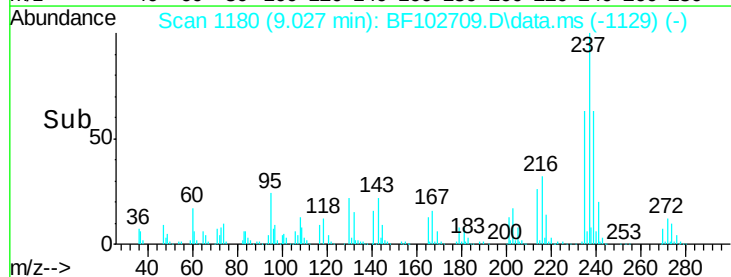
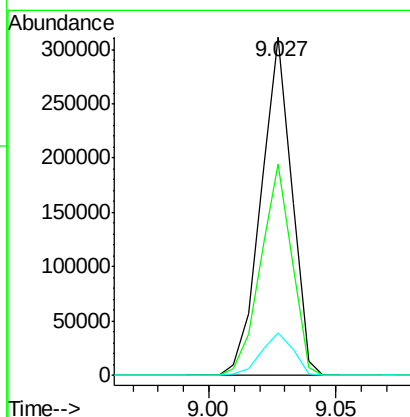
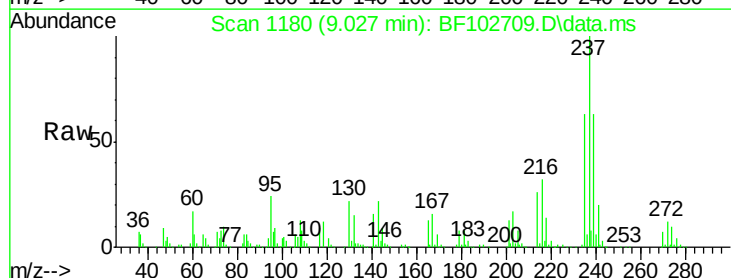
Tgt Ion:237 Resp: 262025

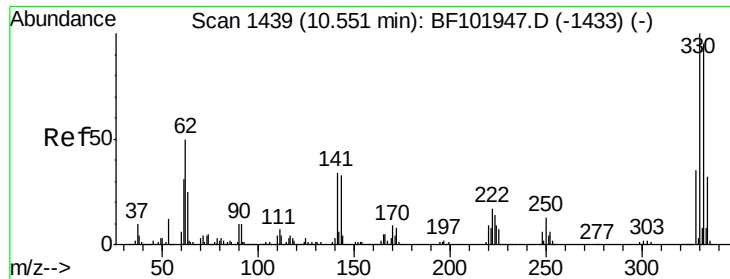
Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

272 12.4 0.0 33.3

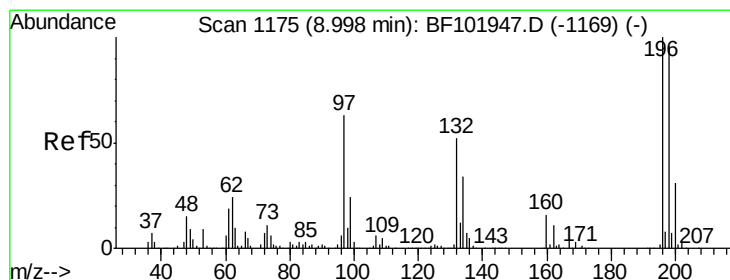
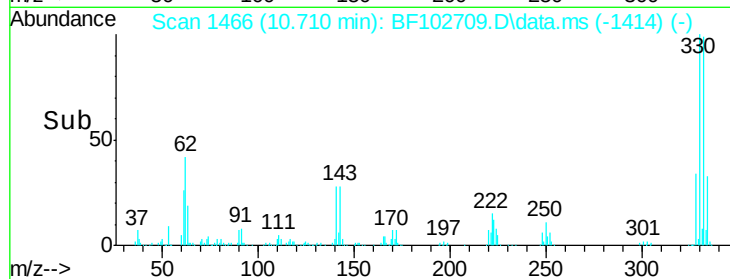
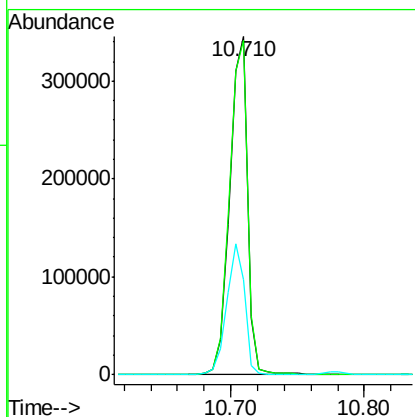
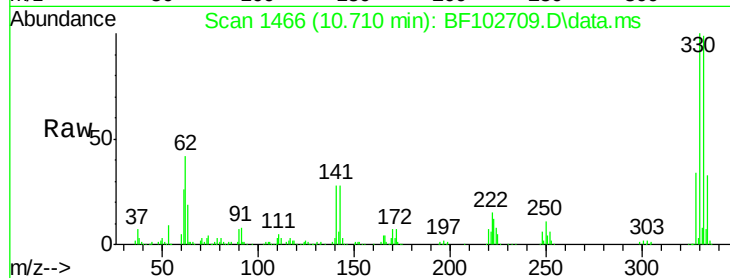




#41
 2,4,6-Tribromophenol
 Concen: 99.96 ng
 RT: 10.710 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

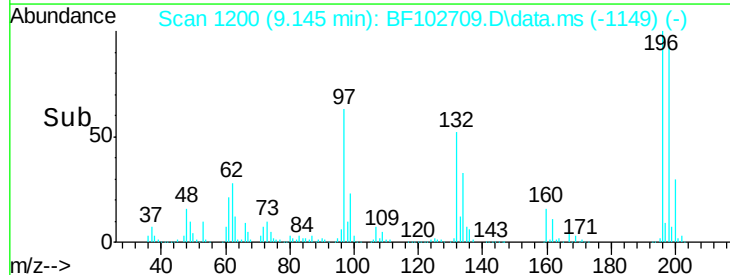
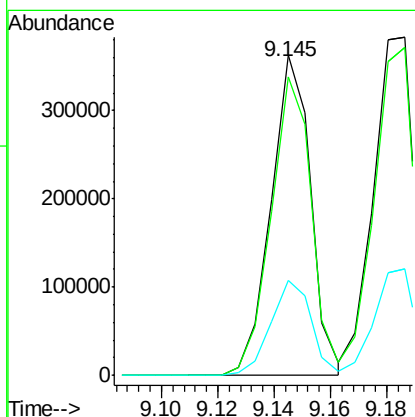
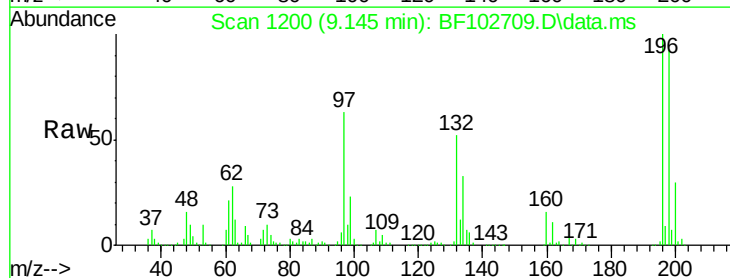
Instrument :
 BNA_F
 ClientSampleId :

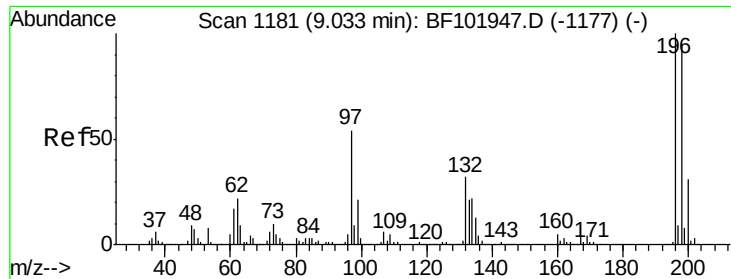
Tot Ion:330 Resp: 325973
 Ion Ratio Lower Upper
 330 100
 332 100.7 77.0 115.6
 141 39.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.60 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:196 Resp: 354040
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 200 29.8 24.5 36.7

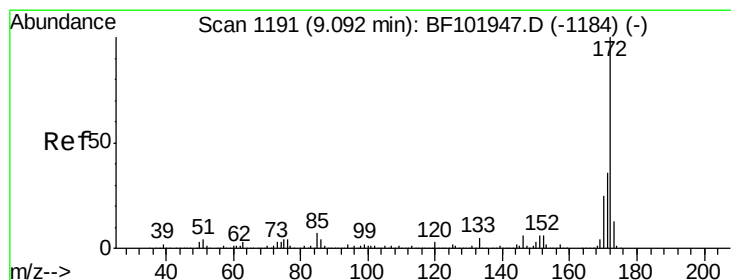
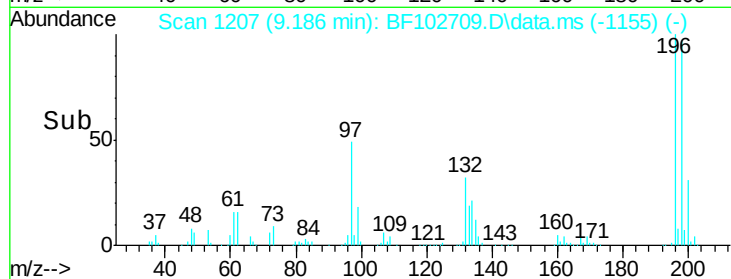
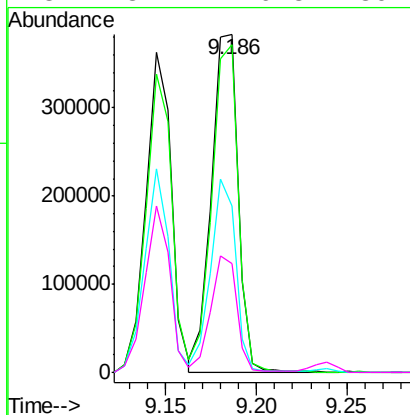
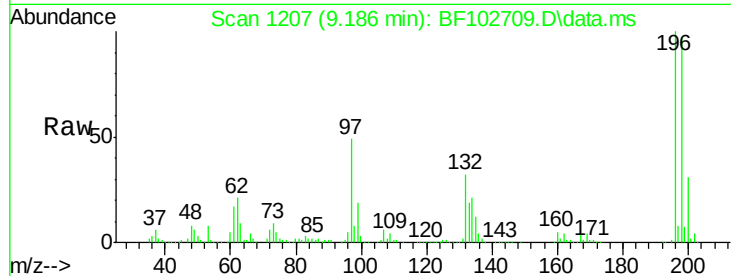




#43
 2,4,5-Trichlorophenol
 Concen: 47.93 ng
 RT: 9.186 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

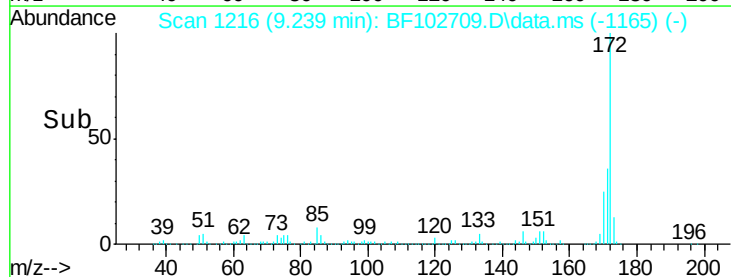
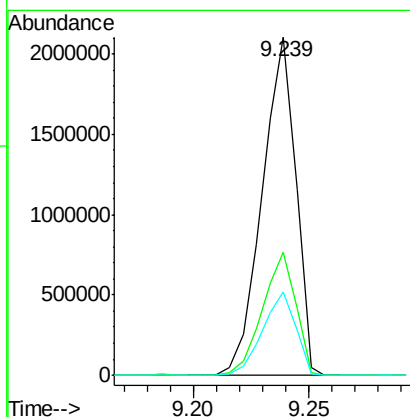
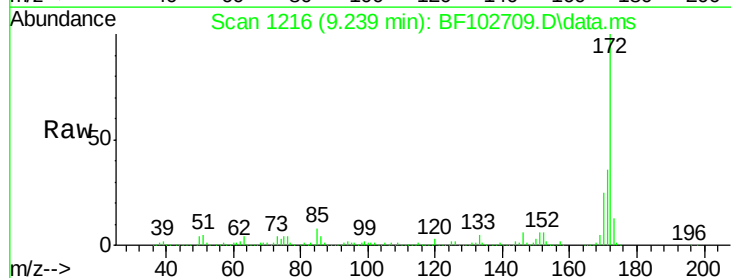
Instrument :
 BNA_F
 ClientSampleId :

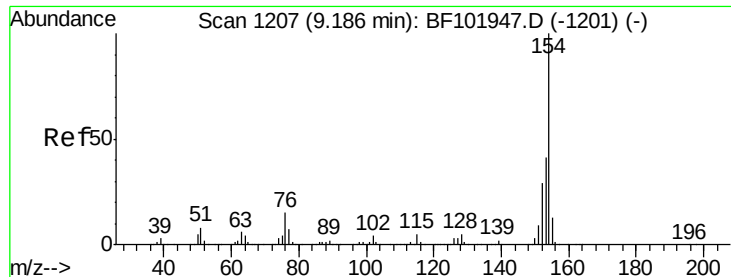
Tot Ion:196 Resp: 394620
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.6 112.0
 97 49.4 42.9 64.3
 132 32.1 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 88.95 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:172 Resp: 2127698
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.7 19.6 29.4

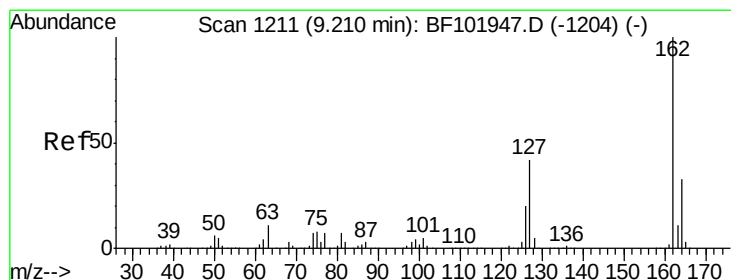
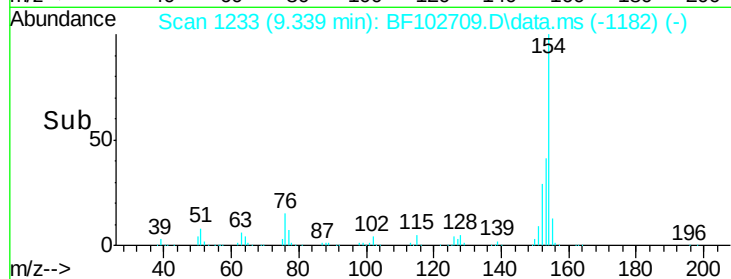
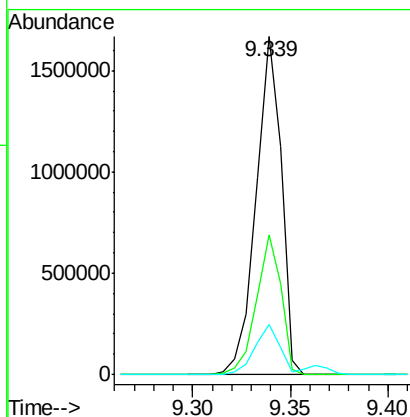
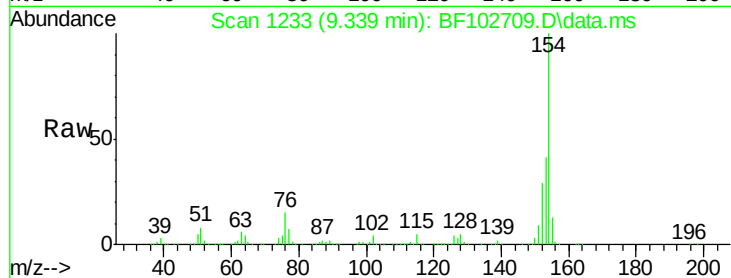




#45
 1,1'-Biphenyl
 Concen: 45.09 ng
 RT: 9.339 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

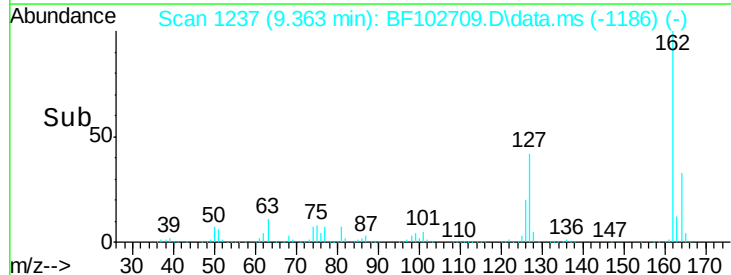
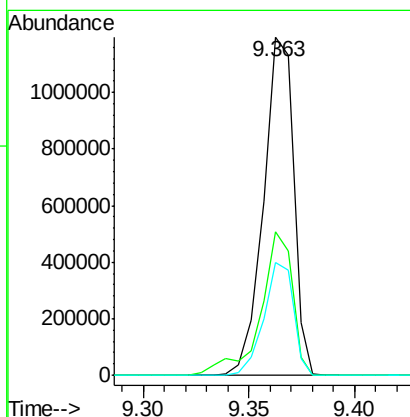
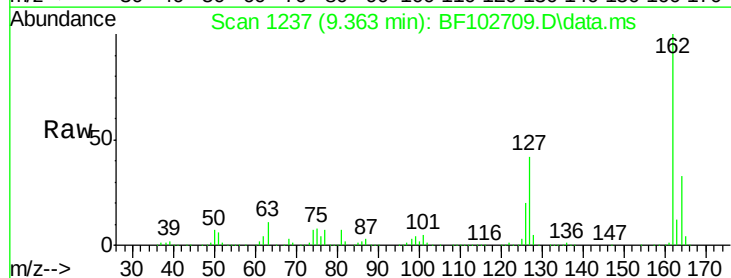
Instrument :
 BNA_F
 ClientSampleId :

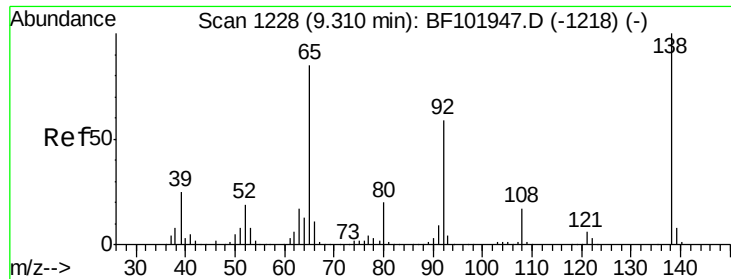
Tot Ion:154 Resp: 1489278
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 14.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 46.44 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:162 Resp: 1189452
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.9 50.9
 164 33.2 26.5 39.7

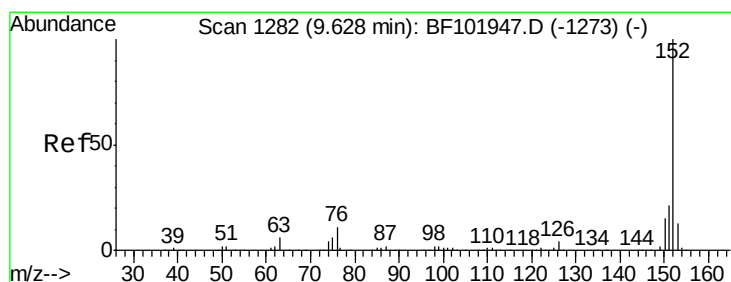
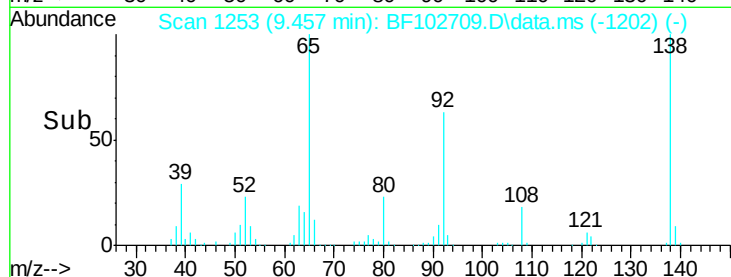
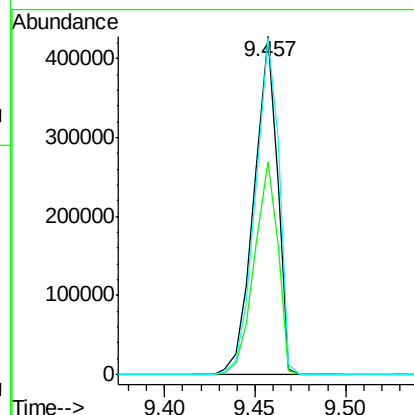
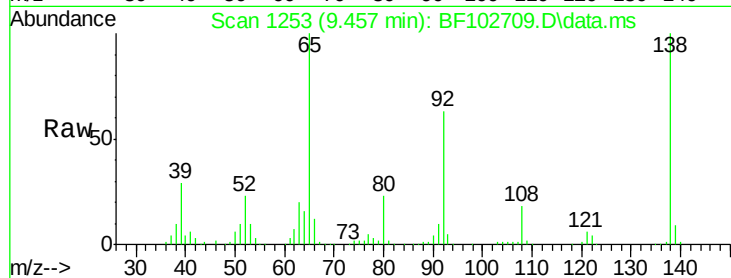




#47
2-Nitroaniline
Concen: 50.24 ng
RT: 9.457 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

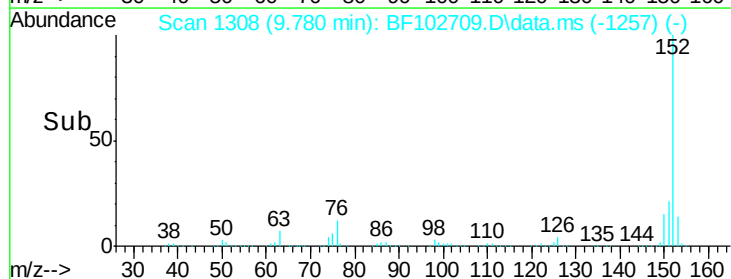
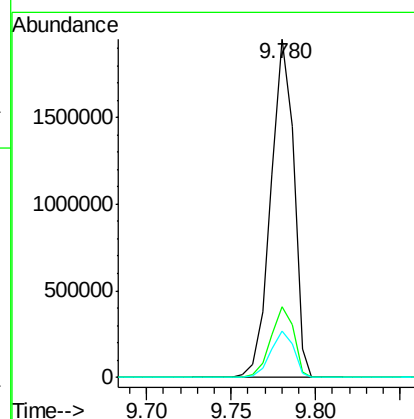
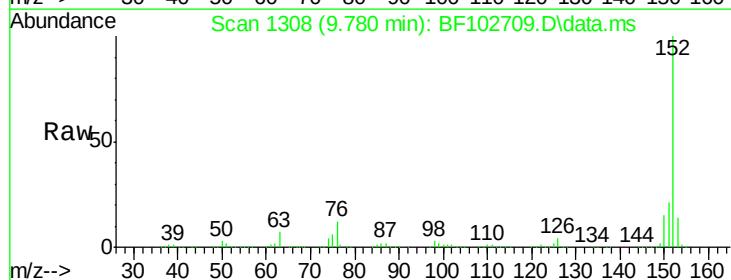
Instrument :
BNA_F
ClientSampleId :

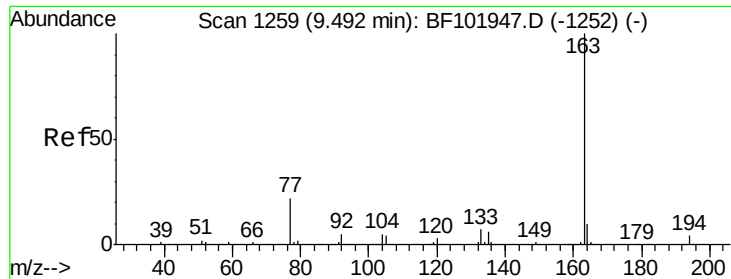
Tot Ion: 65 Resp: 385473
Ion Ratio Lower Upper
65 100
92 63.1 55.8 83.6
138 99.6 91.2 136.8



#48
Acenaphthylene
Concen: 45.30 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion: 152 Resp: 1841334
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 47.55 ng

RT: 9.639 min Scan# 12

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampled :

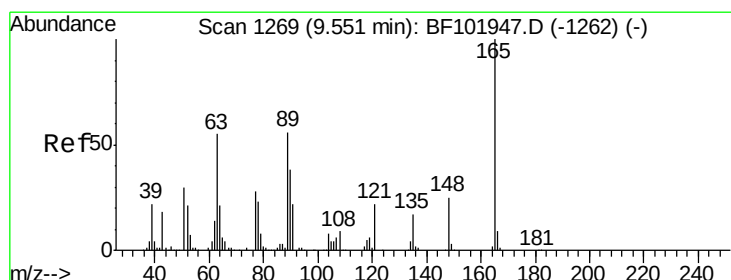
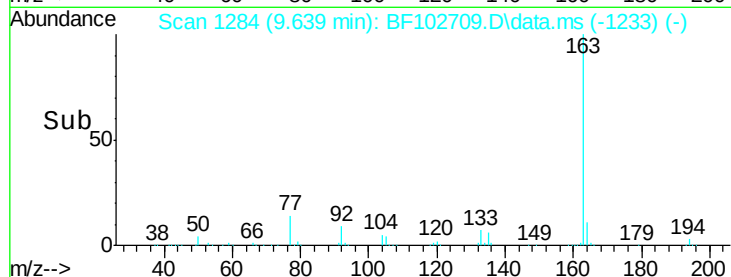
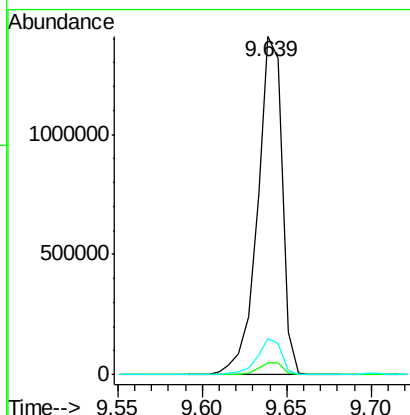
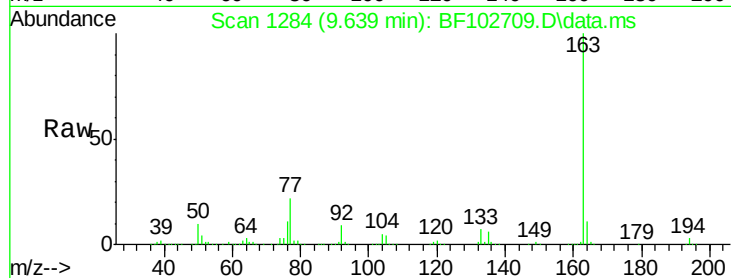
Tot Ion:163 Resp: 1425264

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 10.7 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 50.81 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

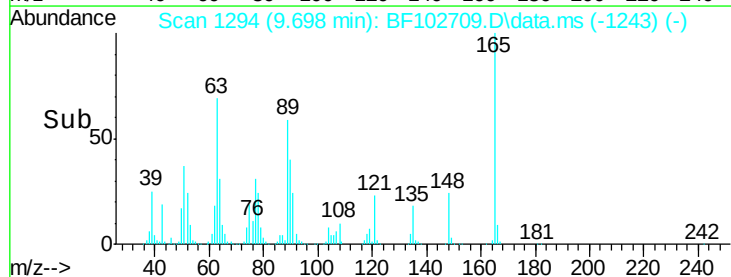
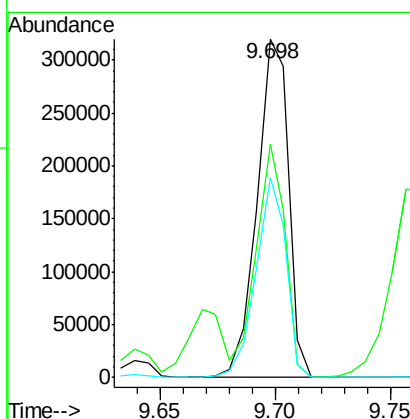
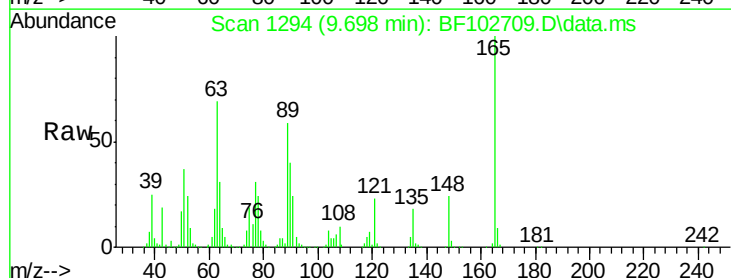
Tgt Ion:165 Resp: 304245

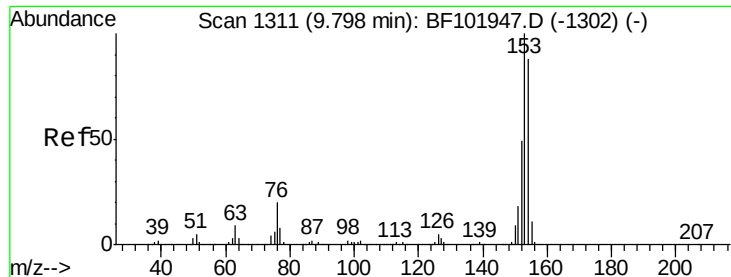
Ion Ratio Lower Upper

165 100

63 68.8 44.7 67.1#

89 59.0 44.0 66.0





#51

Acenaphthene

Concen: 44.54 ng

RT: 9.957 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

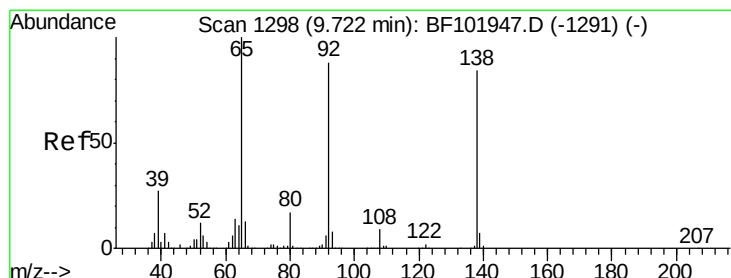
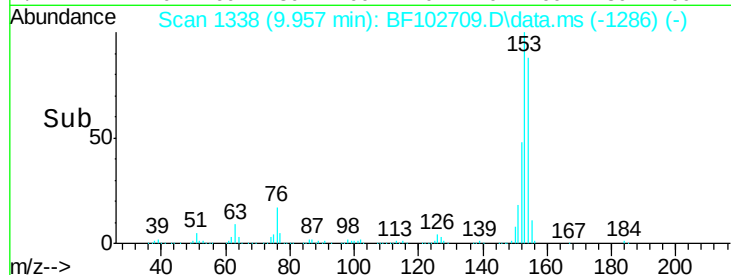
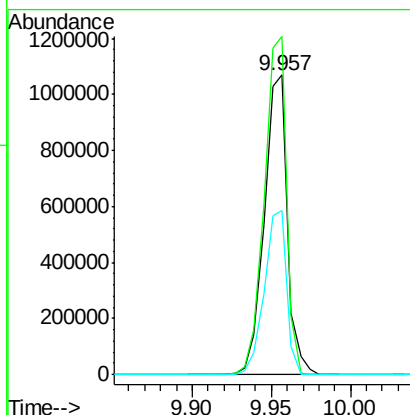
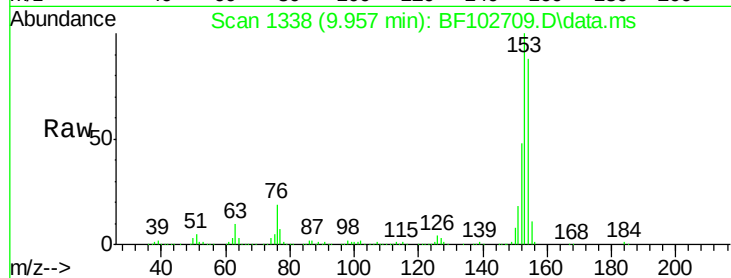
Tot Ion:154 Resp: 1098944

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

152 54.6 43.8 65.8



#52

3-Nitroaniline

Concen: 49.59 ng

RT: 9.868 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

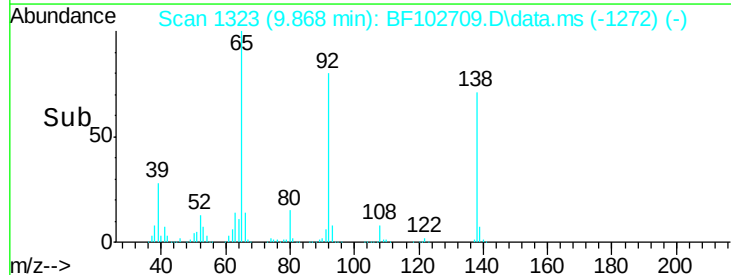
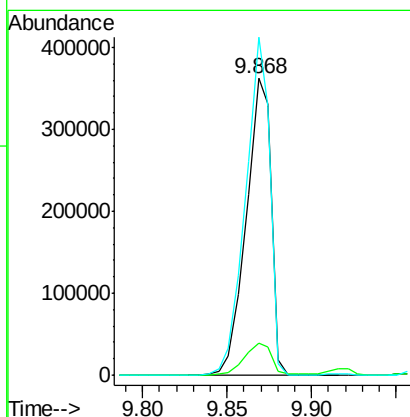
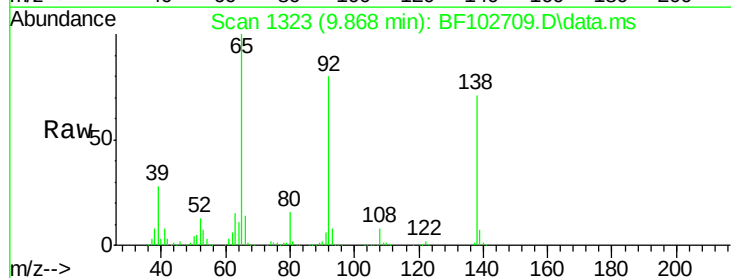
Tgt Ion:138 Resp: 374772

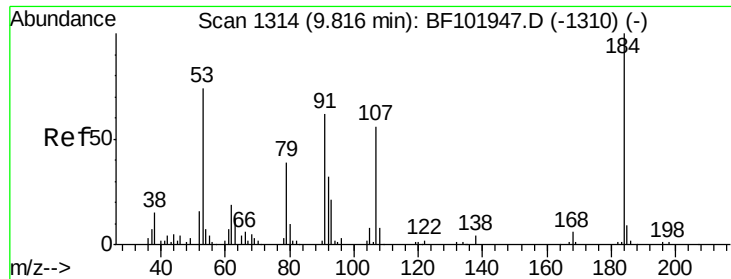
Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

92 114.0 89.4 134.2

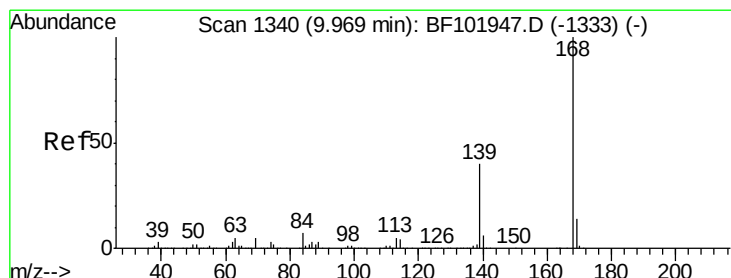
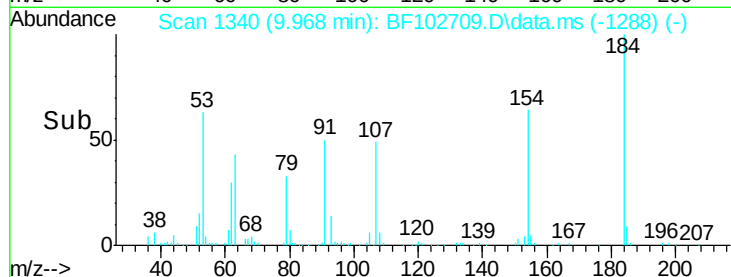
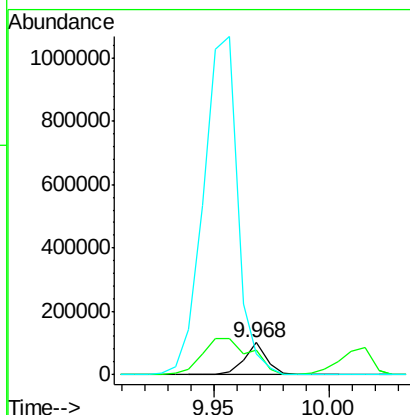
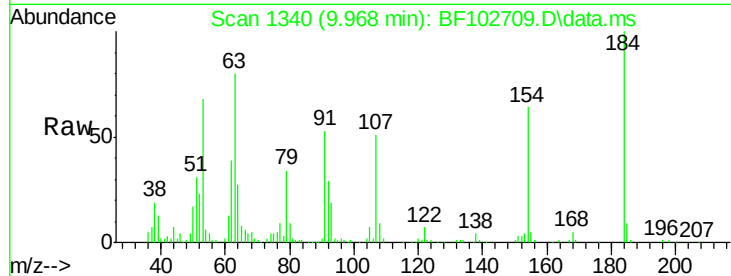




#53
2,4-Dinitrophenol
Concen: 36.96 ng
RT: 9.968 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

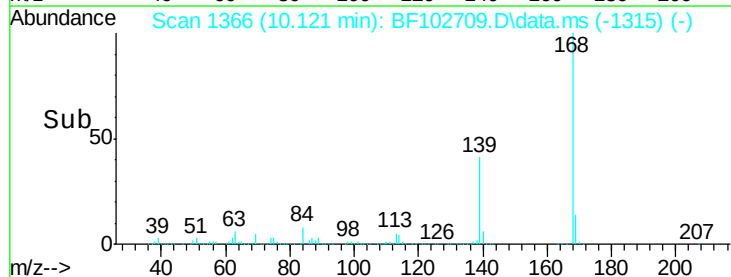
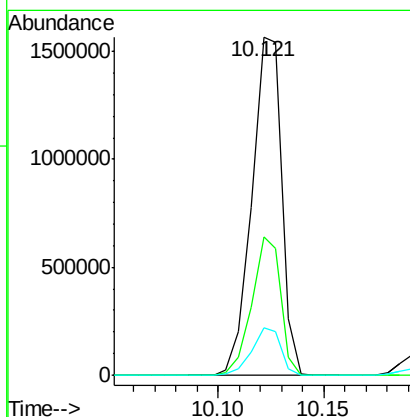
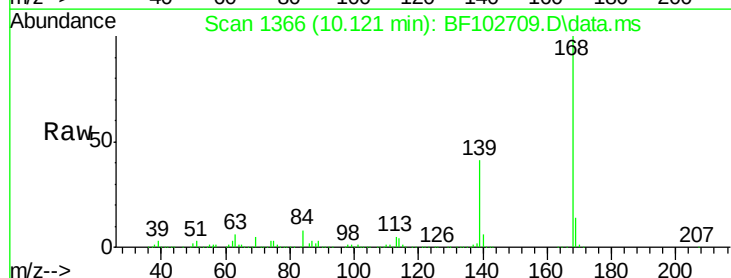
Instrument :
BNA_F
ClientSampleId :

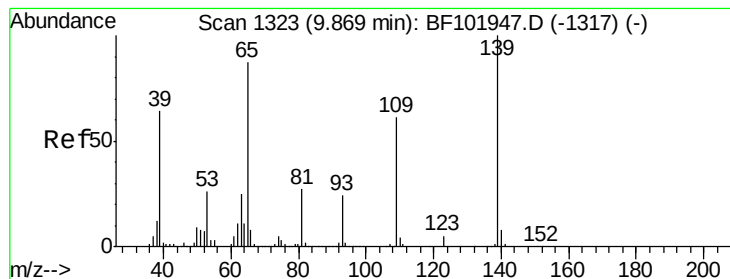
Tot Ion:184 Resp: 67442
Ion Ratio Lower Upper
184 100
63 79.5 54.2 81.2
154 64.0 184.0 276.0#



#54
Dibenzofuran
Concen: 45.72 ng
RT: 10.121 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion:168 Resp: 1547976
Ion Ratio Lower Upper
168 100
139 40.9 30.1 45.1
169 14.0 10.9 16.3





#55

4-Nitrophenol

Concen: 49.41 ng

RT: 10.016 min Scan# 13

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

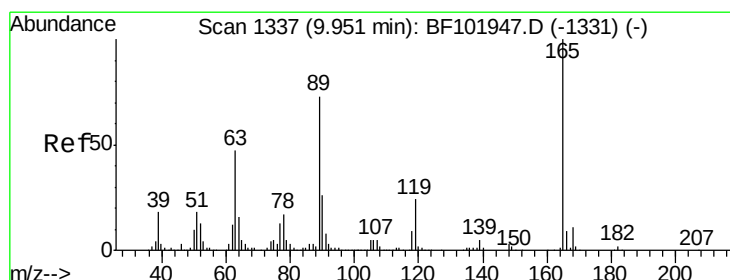
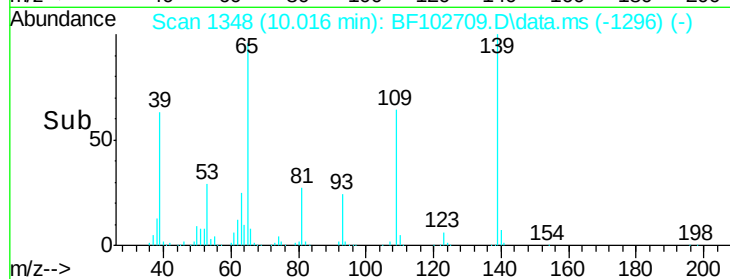
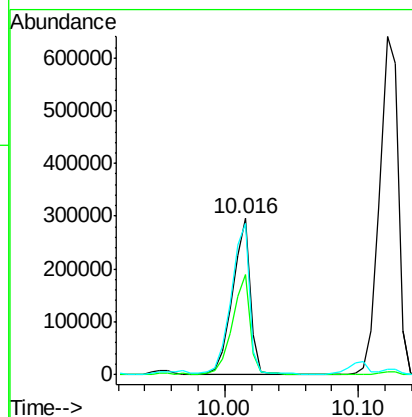
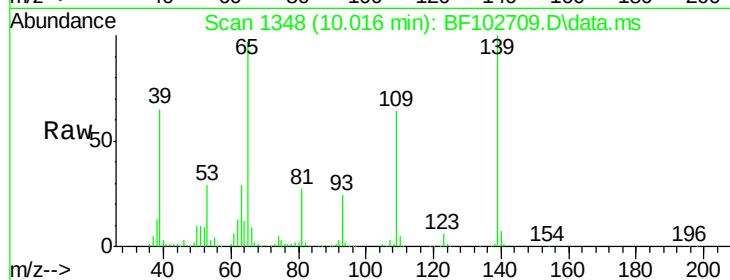
Tot Ion:139 Resp: 278246

Ion Ratio Lower Upper

139 100

109 64.2 48.4 88.4

65 96.6 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 50.72 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:165 Resp: 380653

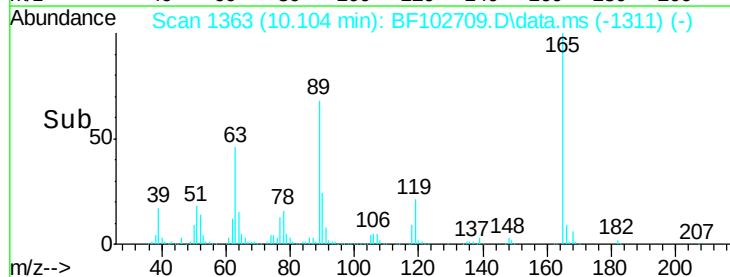
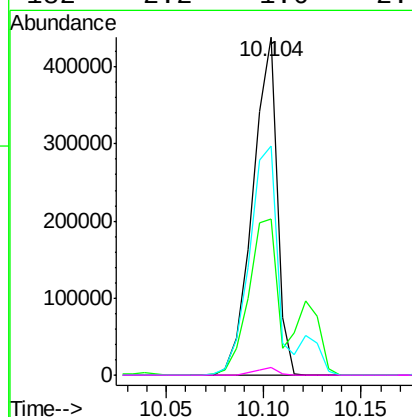
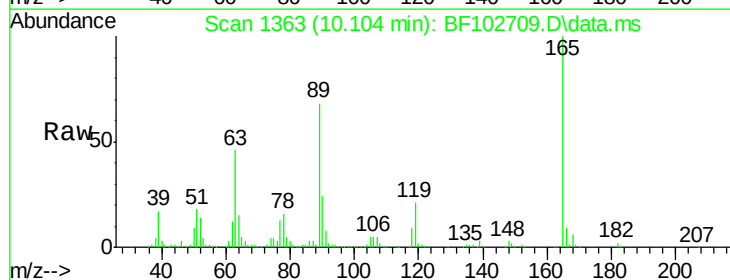
Ion Ratio Lower Upper

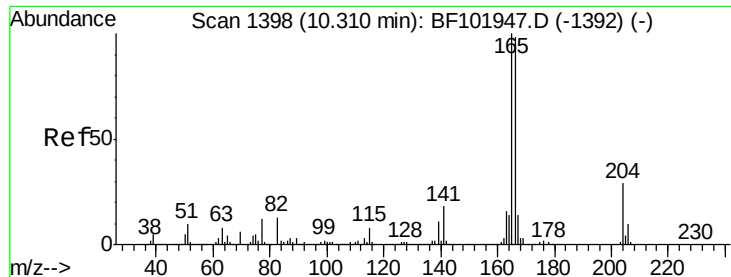
165 100

63 46.4 36.4 54.6

89 68.0 57.8 86.6

182 2.2 1.6 2.4

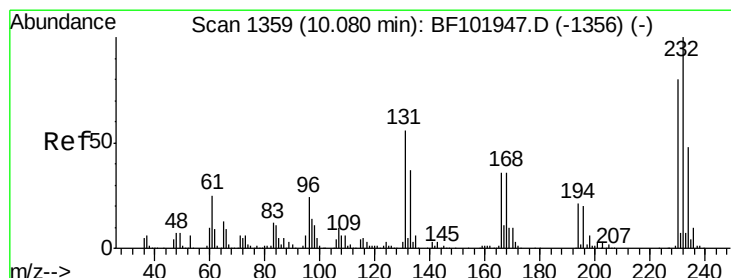
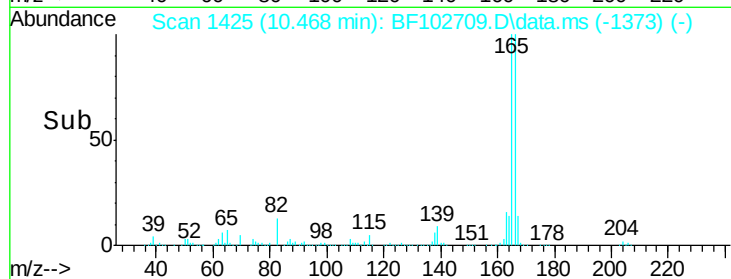
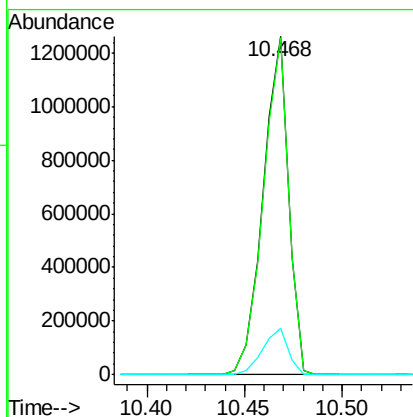
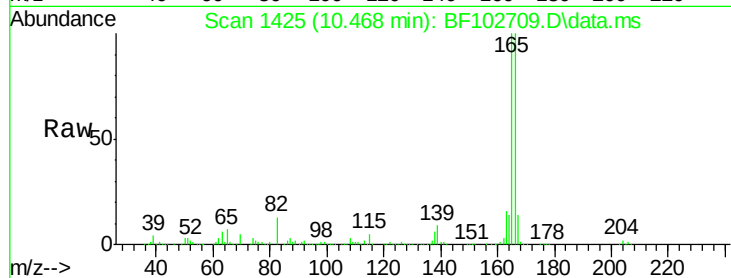




#57
 Fluorene
 Concen: 48.63 ng
 RT: 10.468 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

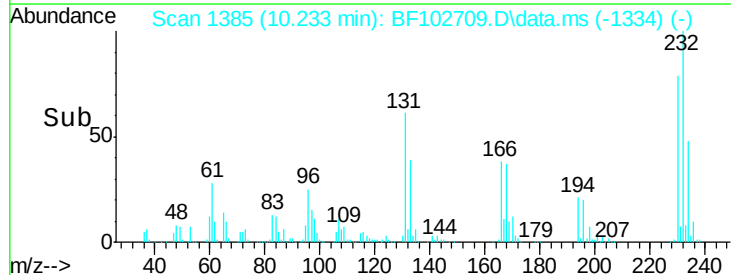
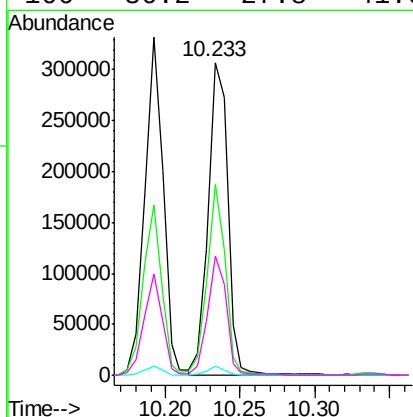
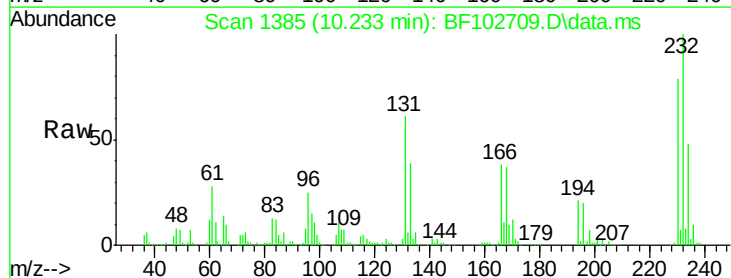
Instrument :
 BNA_F
 ClientSampleId :

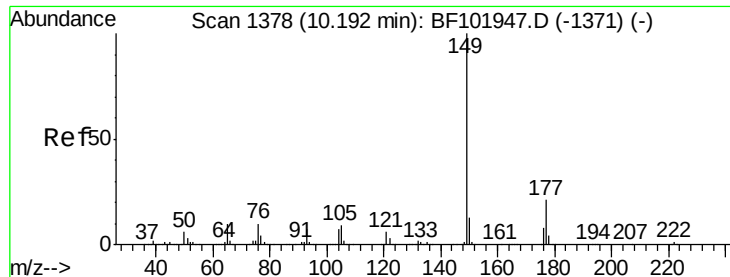
Tot Ion:166 Resp: 1138175
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.63 ng
 RT: 10.233 min Scan# 1385
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:232 Resp: 279235
 Ion Ratio Lower Upper
 232 100
 131 56.4 43.8 65.8
 130 2.6 2.1 3.1
 166 36.2 27.8 41.6





#59

Diethylphthalate

Concen: 47.33 ng

RT: 10.339 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampled :

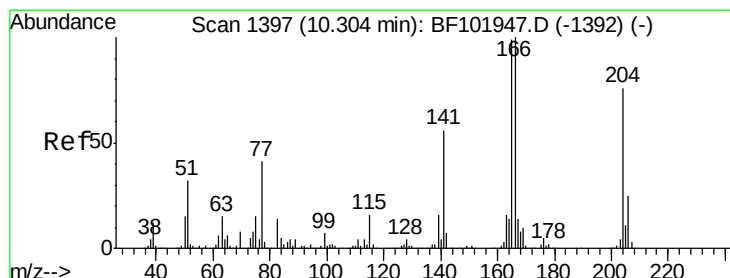
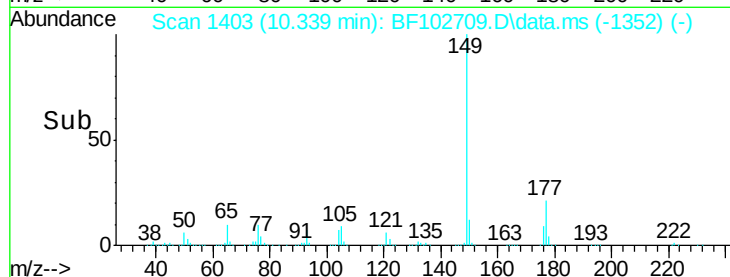
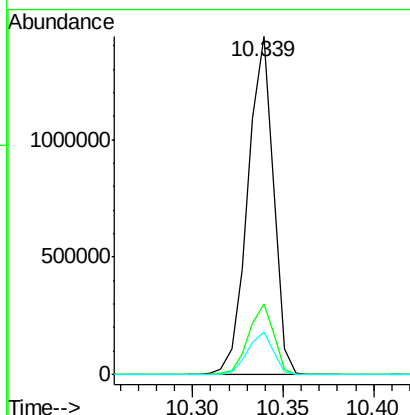
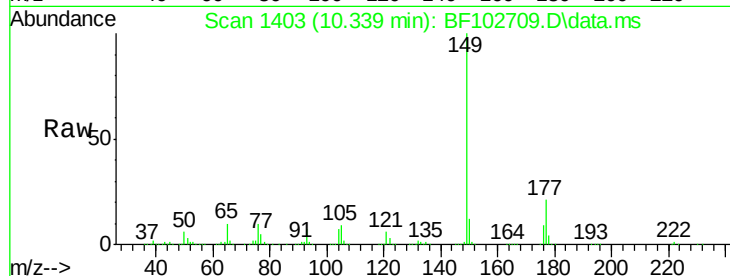
Tot Ion:149 Resp: 1411357

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

150 12.4 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 50.21 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

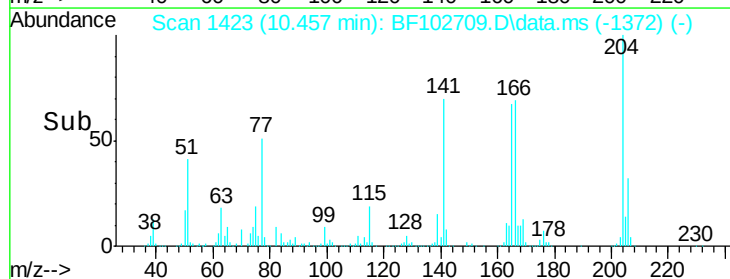
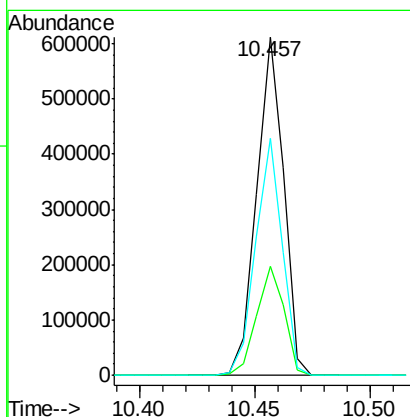
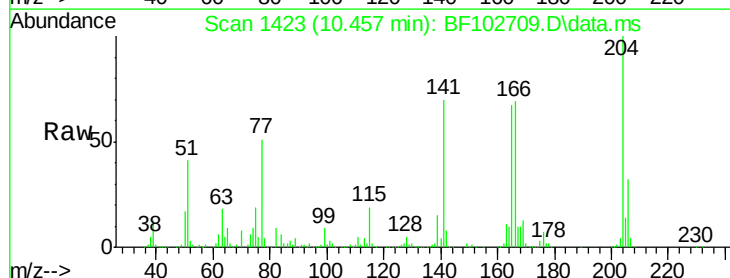
Tgt Ion:204 Resp: 500490

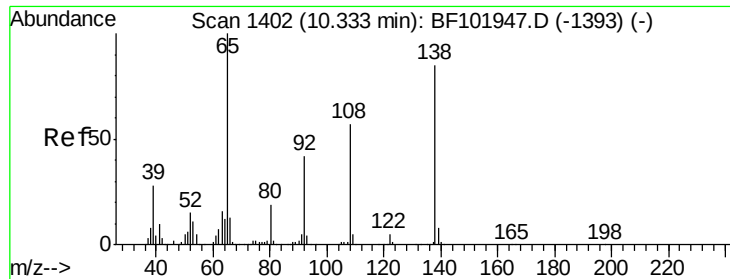
Ion Ratio Lower Upper

204 100

206 32.3 26.5 39.7

141 70.2 54.6 81.8





#61

4-Nitroaniline

Concen: 49.04 ng

RT: 10.486 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

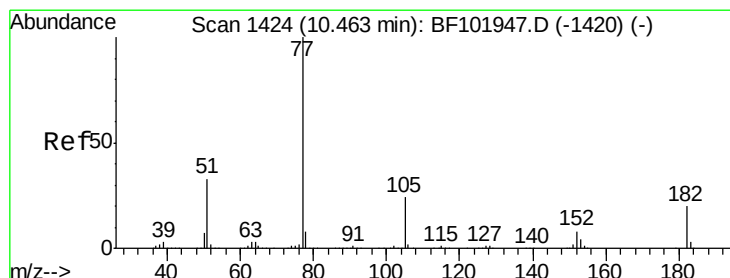
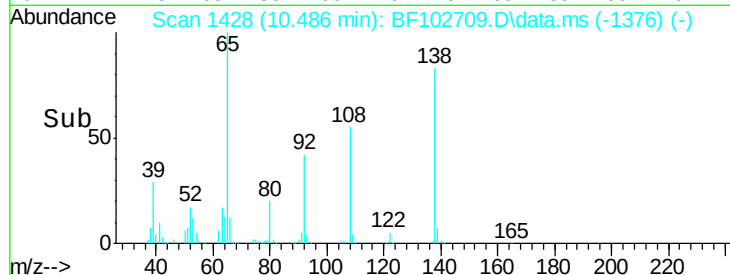
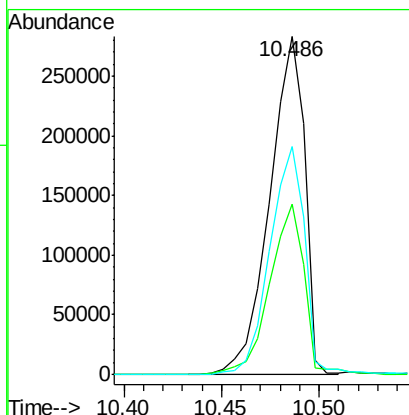
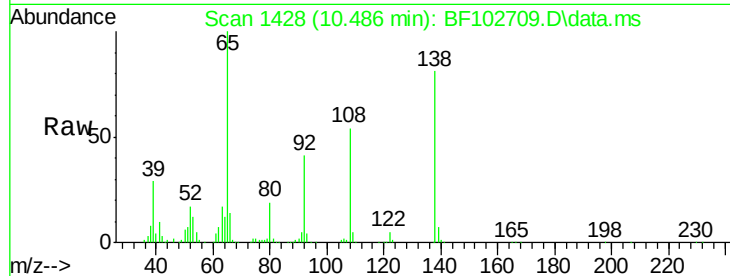
Tot Ion:138 Resp: 351683

Ion Ratio Lower Upper

138 100

92 50.4 30.2 70.2

108 67.4 52.5 92.5



#62

Azobenzene

Concen: 46.41 ng

RT: 10.621 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion: 77 Resp: 1376931

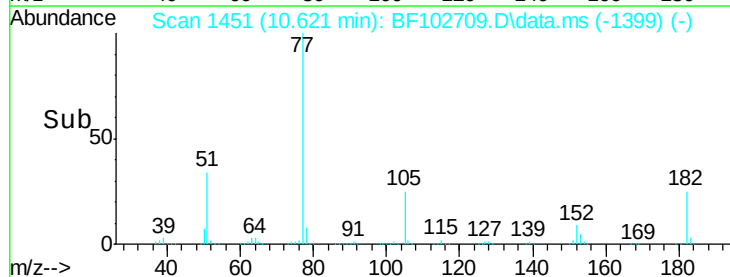
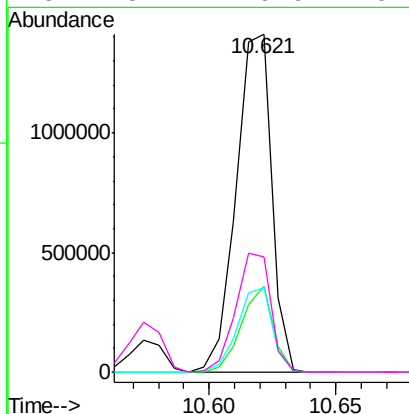
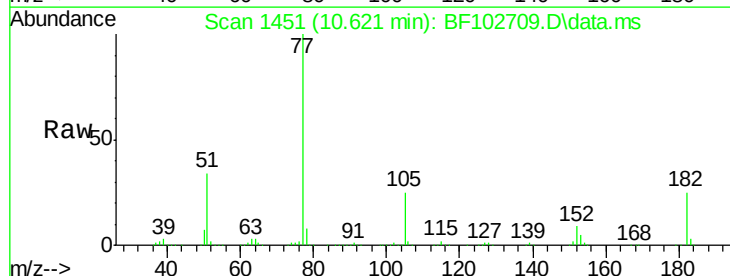
Ion Ratio Lower Upper

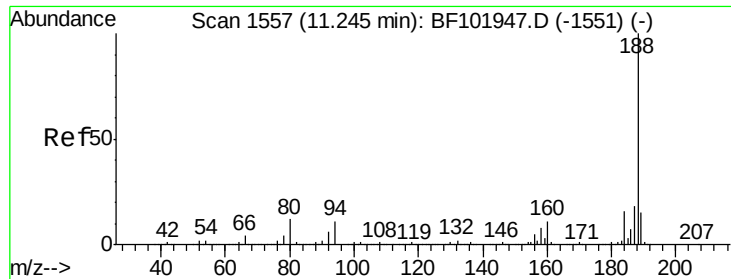
77 100

182 25.4 1.7 41.7

105 24.9 3.0 43.0

51 34.1 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: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

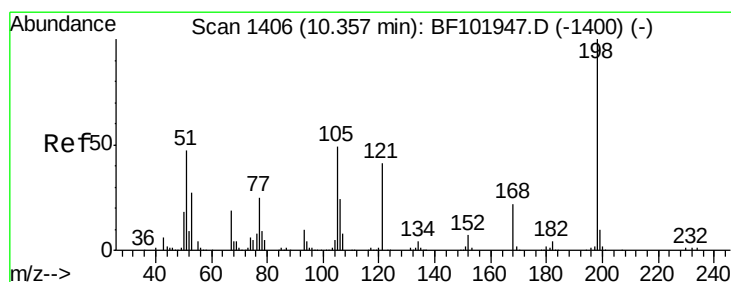
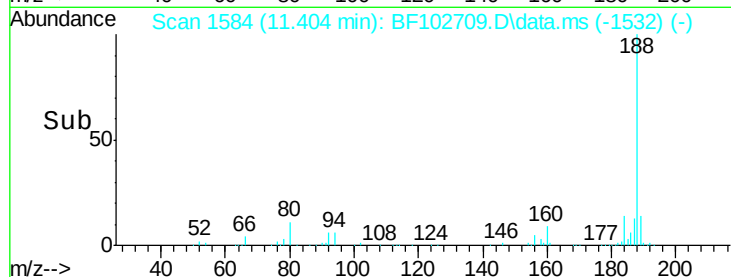
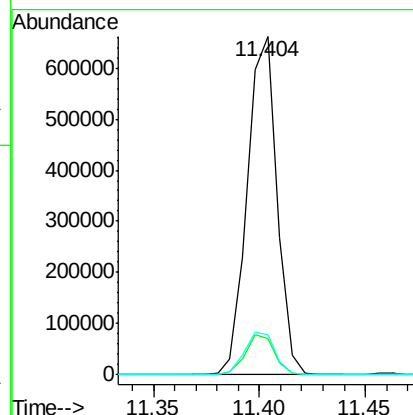
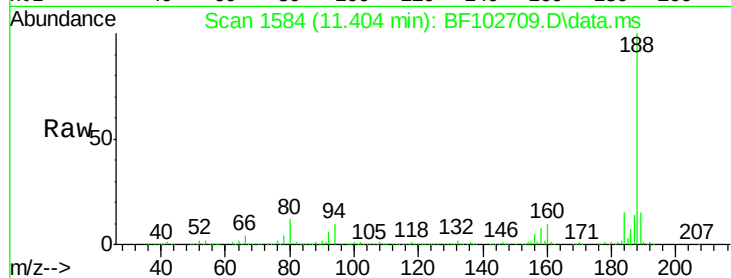
Tot Ion:188 Resp: 645203

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 11.8 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 43.21 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

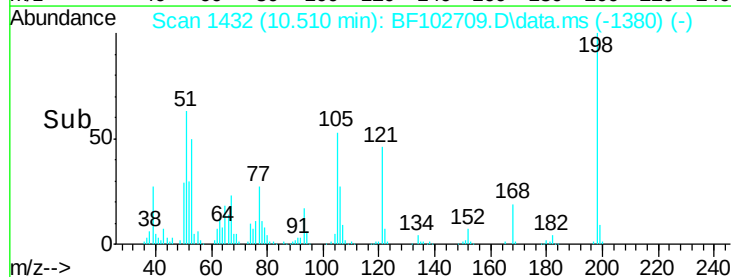
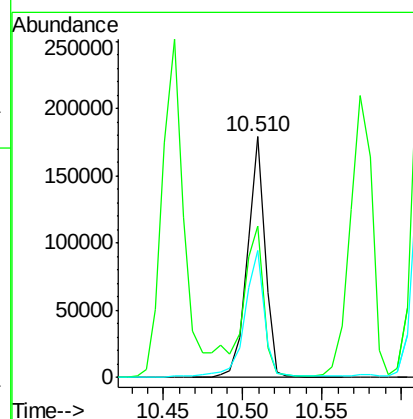
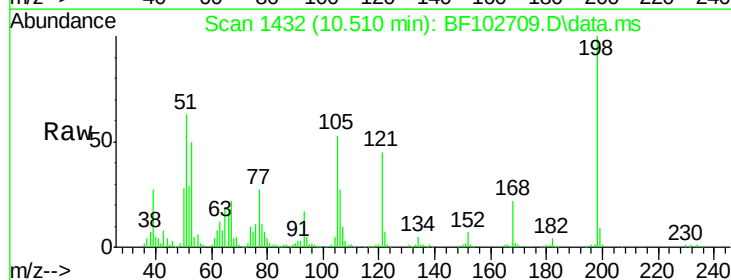
Tgt Ion:198 Resp: 137073

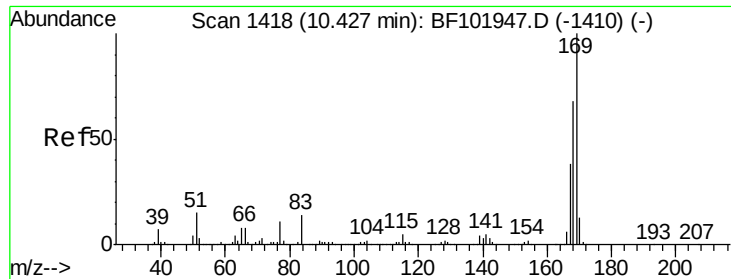
Ion Ratio Lower Upper

198 100

51 63.1 37.7 77.7

105 52.5 36.3 76.3

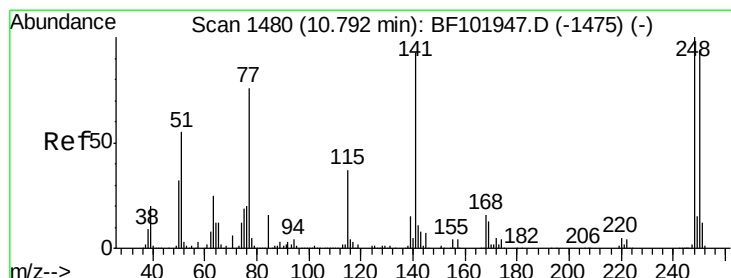
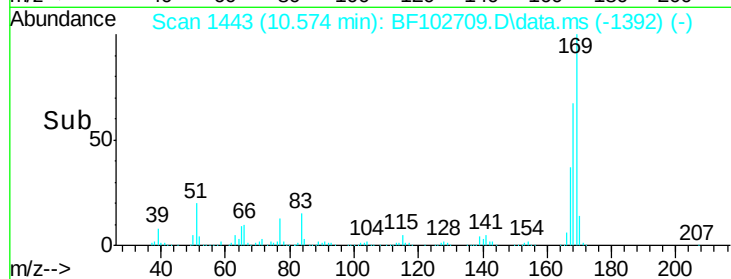
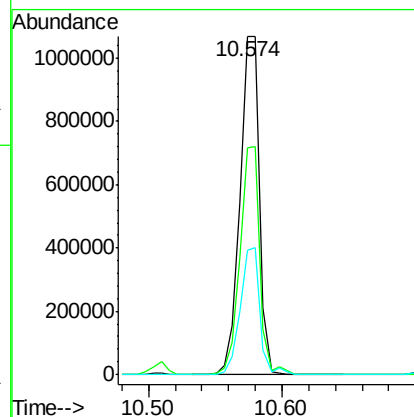
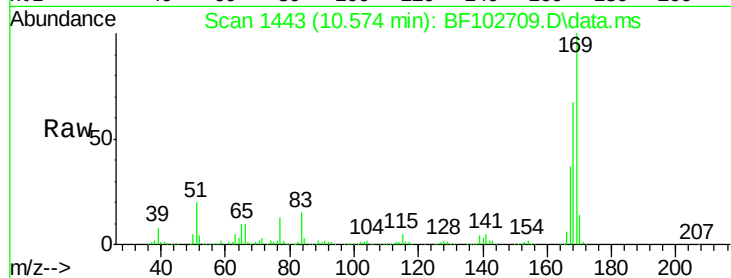




#65
 n-Nitrosodiphenylamine
 Concen: 45.24 ng
 RT: 10.574 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

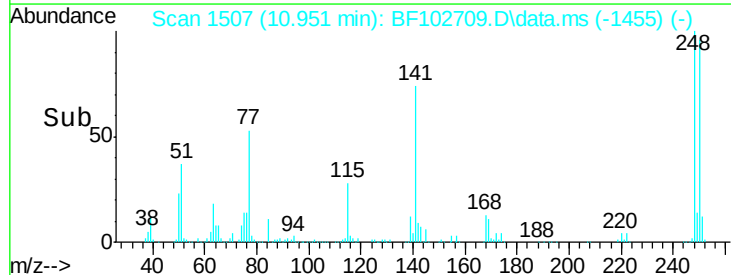
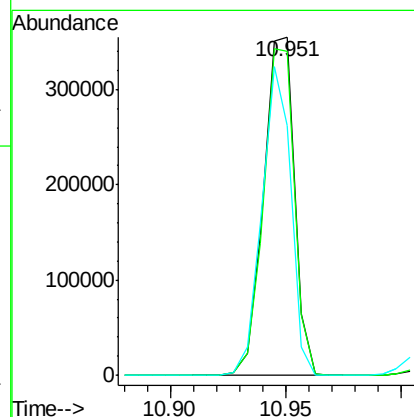
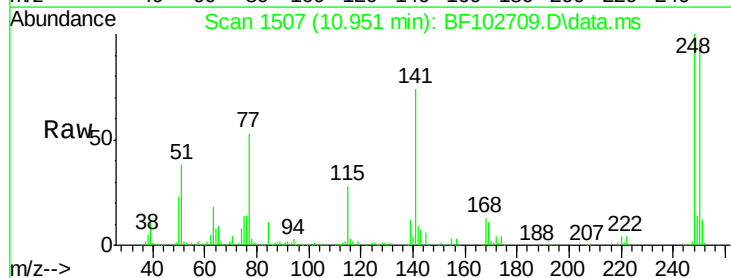
Instrument :
 BNA_F
 ClientSampleId :

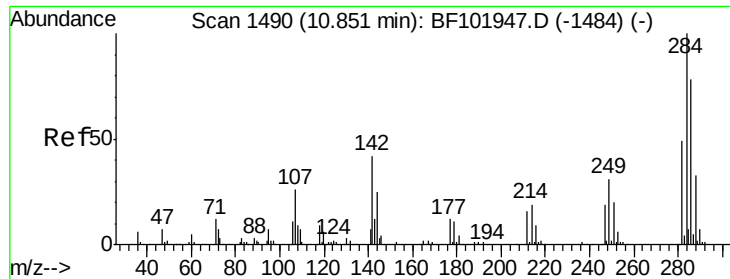
Tot Ion:169 Resp: 1092928
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.96 ng
 RT: 10.951 min Scan# 1507
 Delta R.T. 0.006 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:248 Resp: 333570
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.9 115.3
 141 73.9 74.4 111.6#





#67

Hexachlorobenzene

Concen: 49.79 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

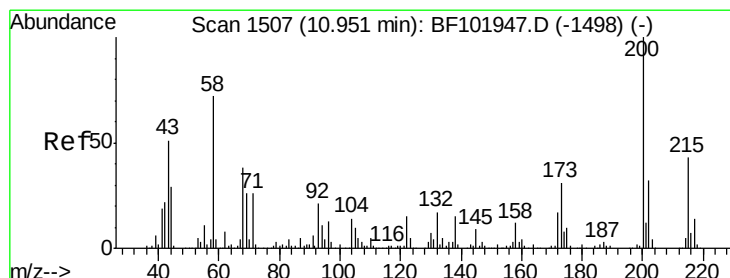
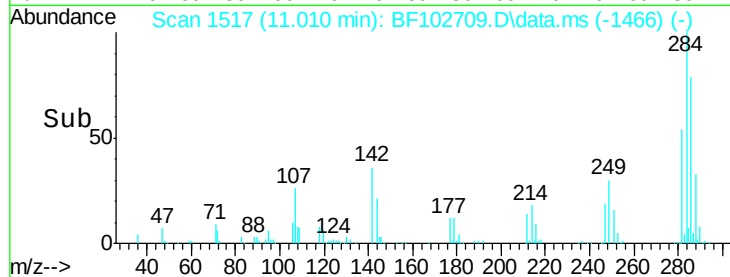
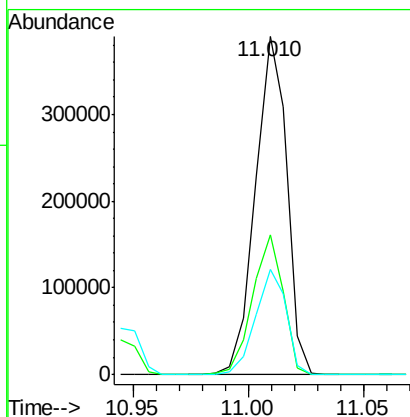
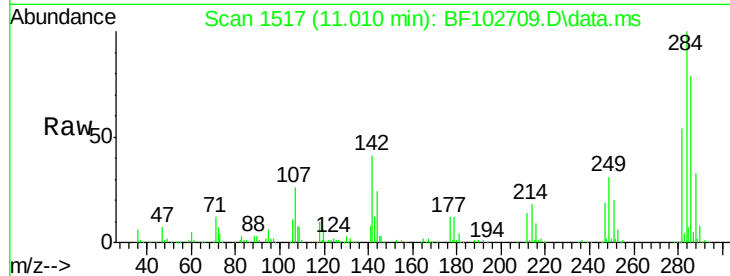
Tot Ion:284 Resp: 370341

Ion Ratio Lower Upper

284 100

142 41.4 34.6 52.0

249 31.2 24.8 37.2



#68

Atrazine

Concen: 48.44 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

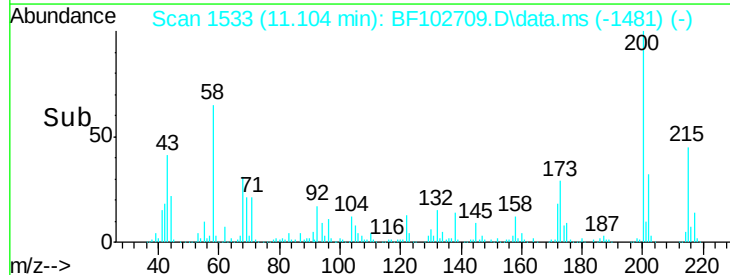
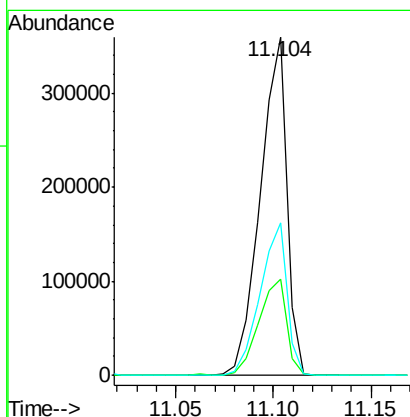
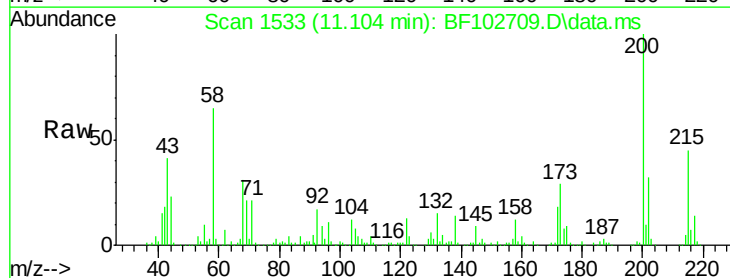
Tgt Ion:200 Resp: 338185

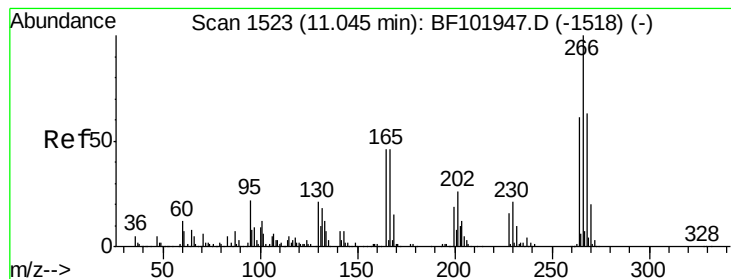
Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

215 45.1 25.1 65.1





#69

Pentachlorophenol

Concen: 52.44 ng

RT: 11.198 min Scan# 15

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampled :

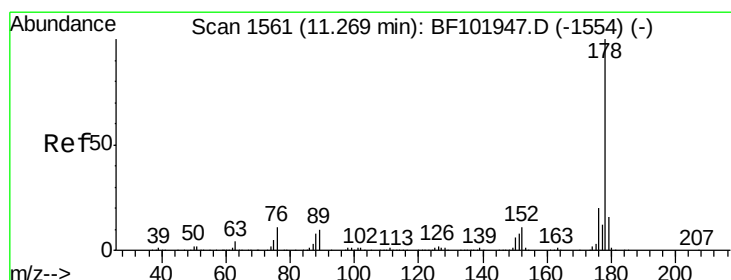
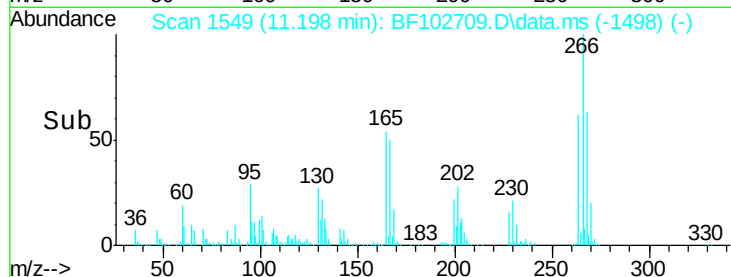
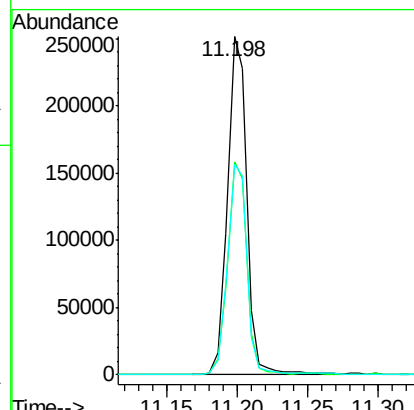
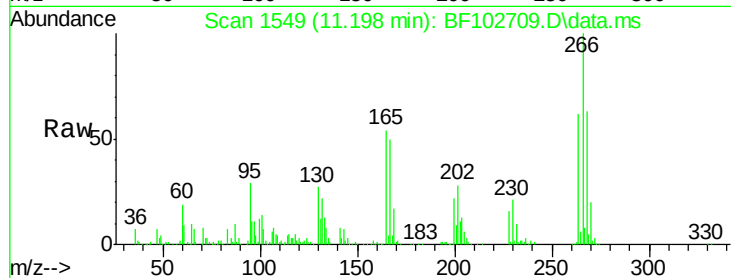
Tot Ion:266 Resp: 237874

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

264 62.2 49.5 74.3



#70

Phenanthrene

Concen: 44.99 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

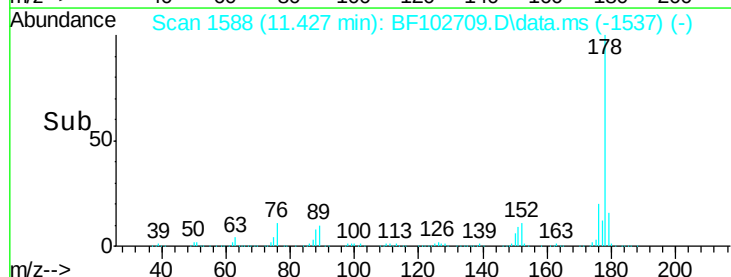
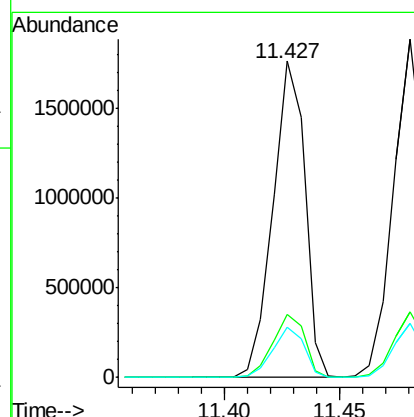
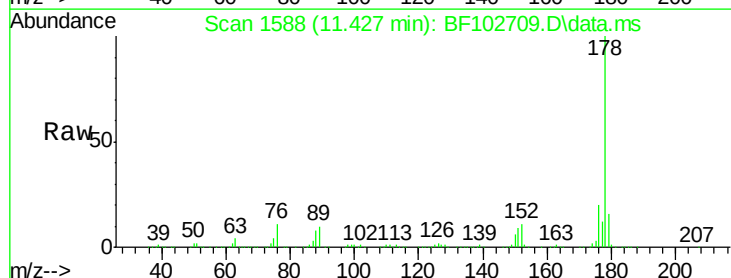
Tgt Ion:178 Resp: 1695654

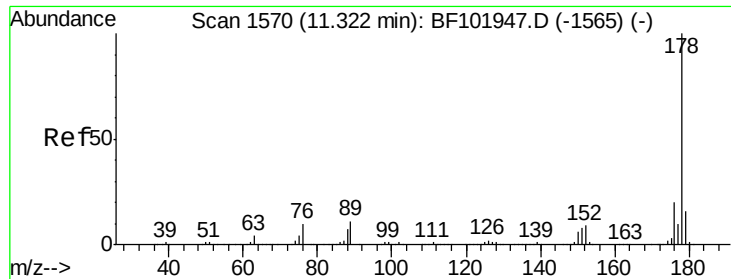
Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.8 13.0 19.6

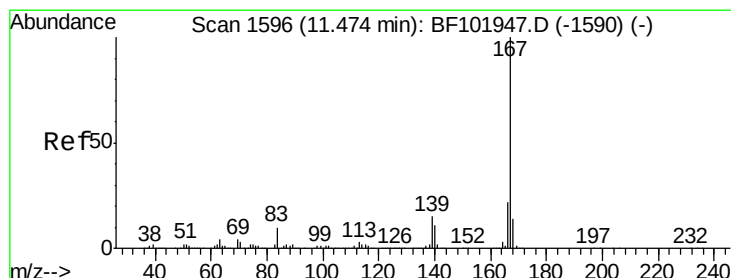
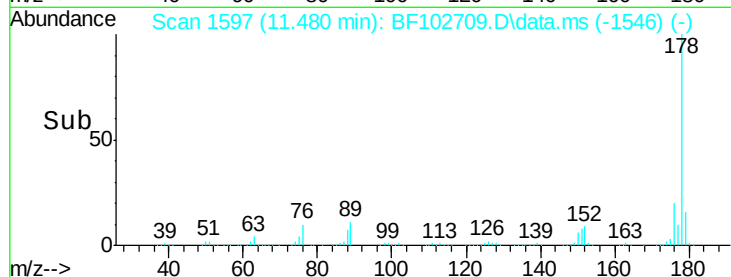
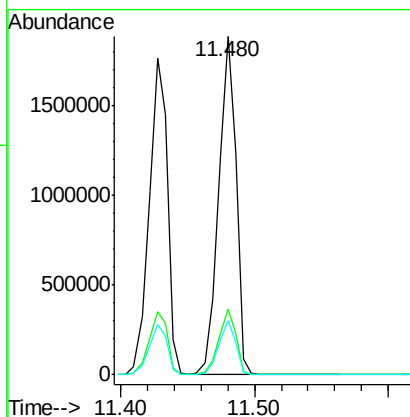
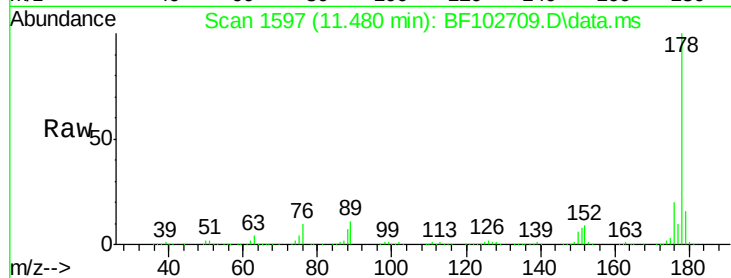




#71
 Anthracene
 Concen: 45.46 ng
 RT: 11.480 min Scan# 1570
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

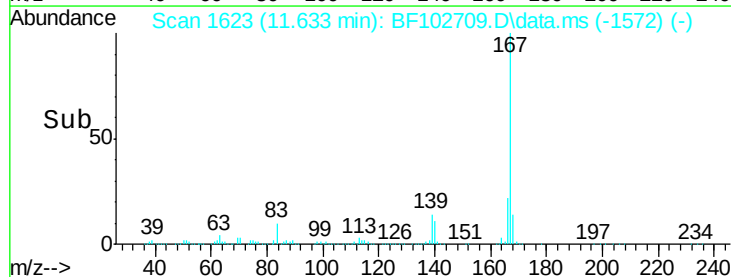
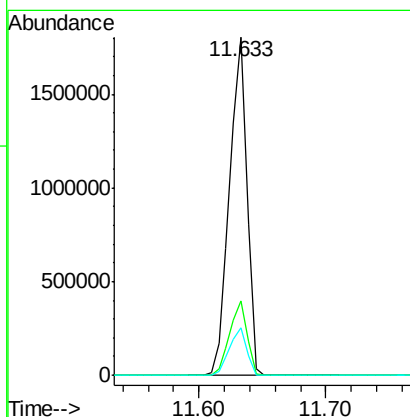
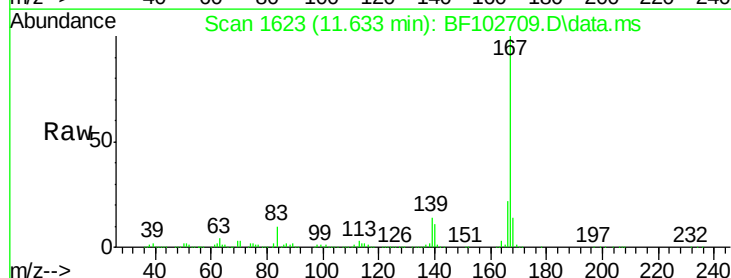
Instrument :
 BNA_F
 ClientSampleId :

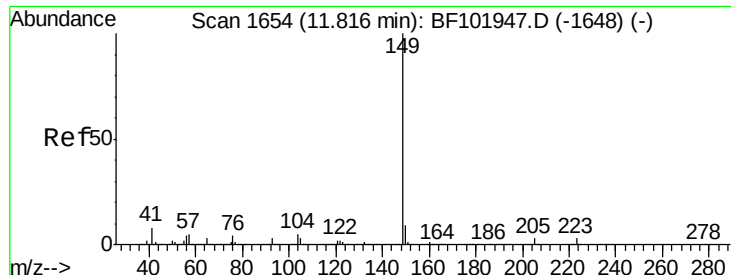
Tot Ion:178 Resp: 1737799
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 45.80 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:167 Resp: 1720583
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.1 10.9 16.3

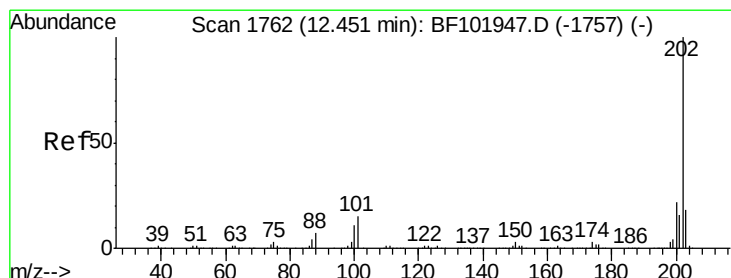
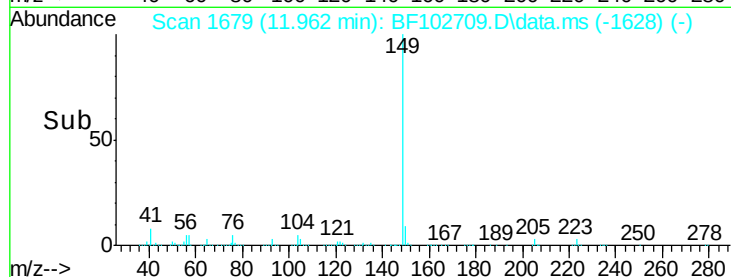
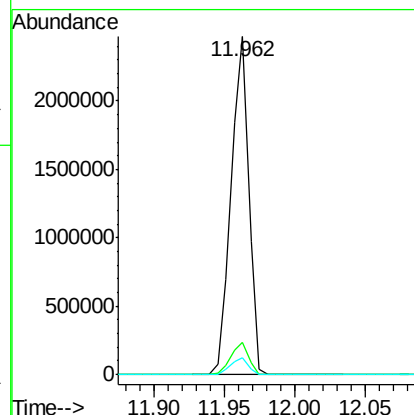
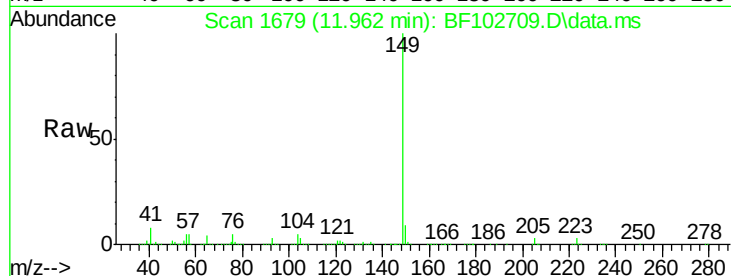




#73
Di-n-butylphthalate
Concen: 46.91 ng
RT: 11.962 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

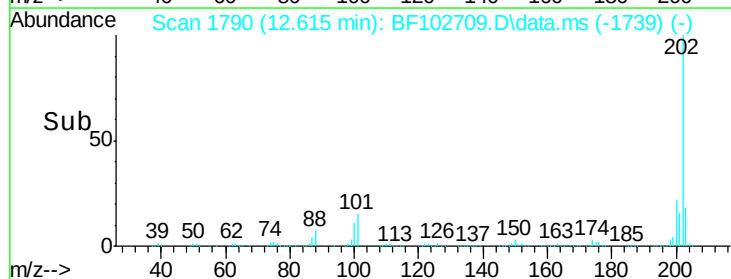
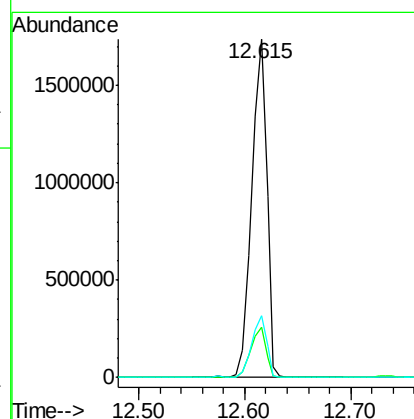
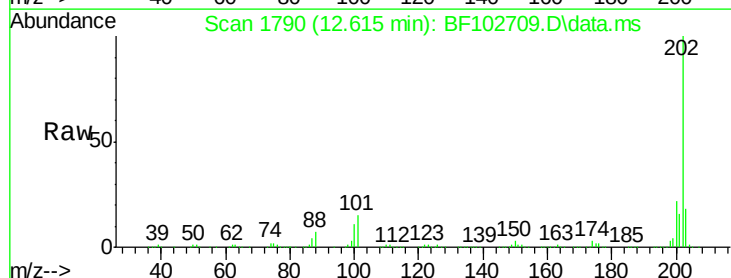
Instrument :
BNA_F
ClientSampleId :

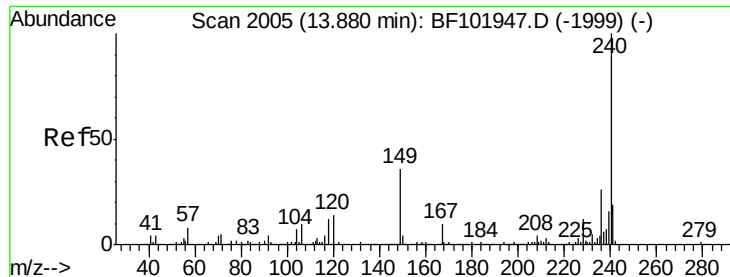
Tot Ion:149 Resp: 2162263
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 46.34 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion:202 Resp: 1718473
Ion Ratio Lower Upper
202 100
101 14.9 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.039 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

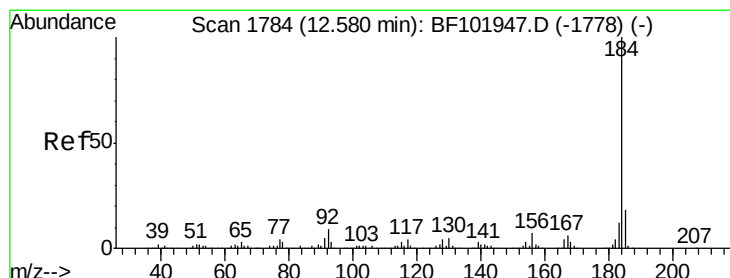
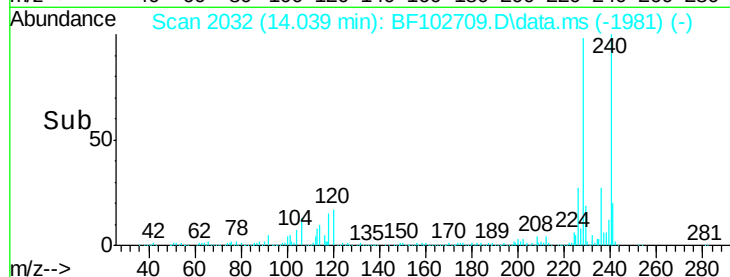
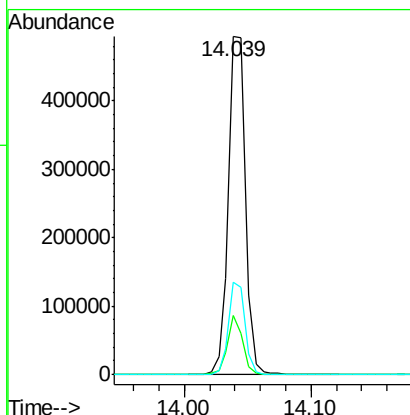
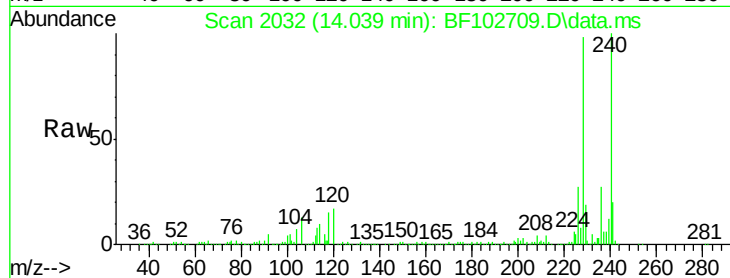
Tot Ion:240 Resp: 459146

Ion Ratio Lower Upper

240 100

120 17.3 9.5 14.3#

236 27.2 20.7 31.1



#76

Benzidine

Concen: 49.87 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

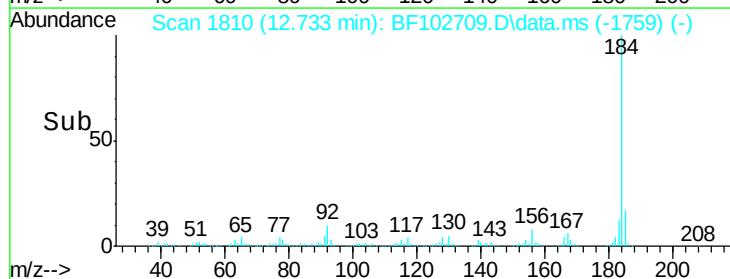
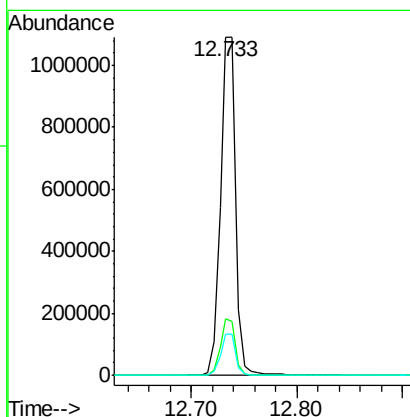
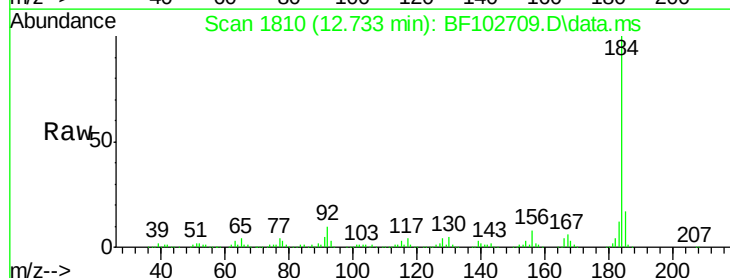
Tgt Ion:184 Resp: 1105684

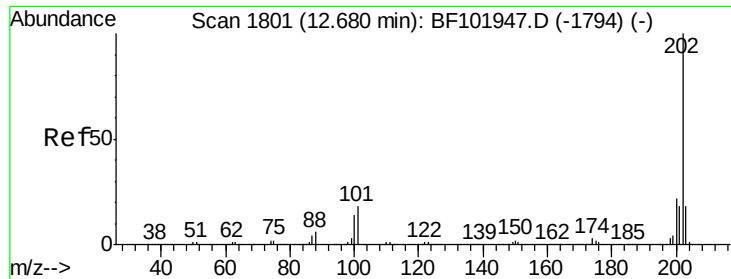
Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

183 12.3 9.3 13.9

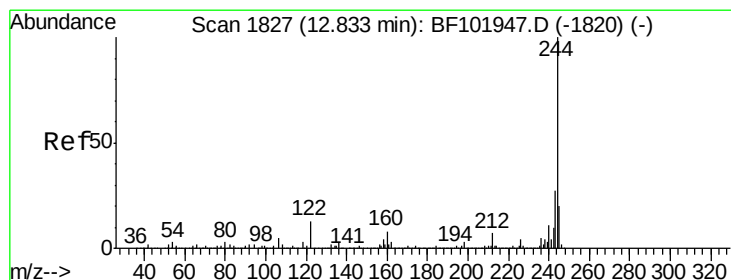
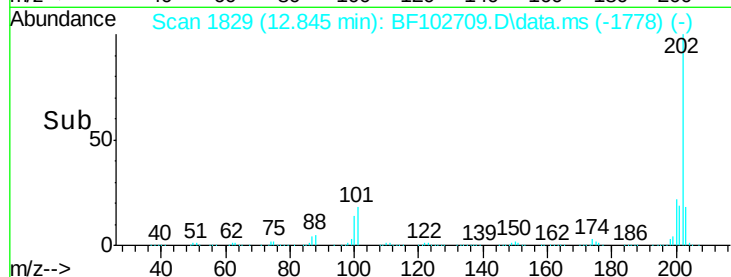
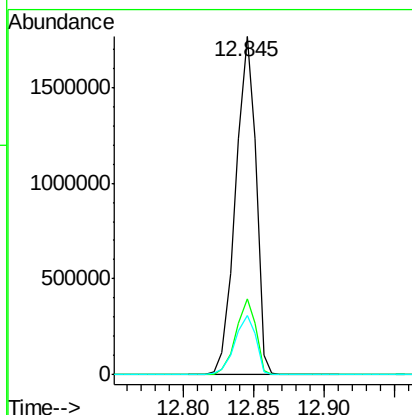
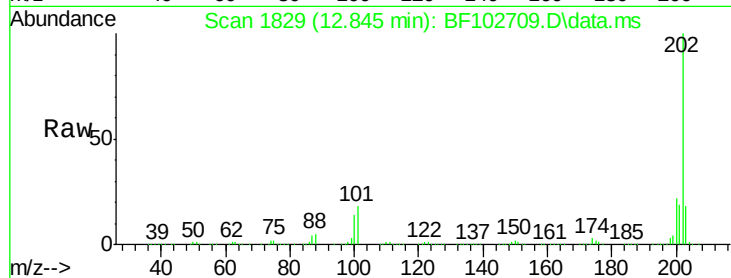




#77
Pvrene
Concen: 43.59 ng
RT: 12.845 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

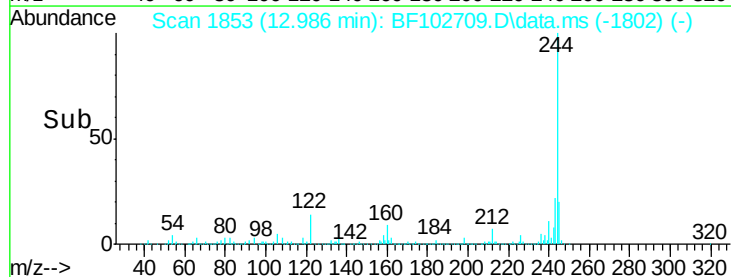
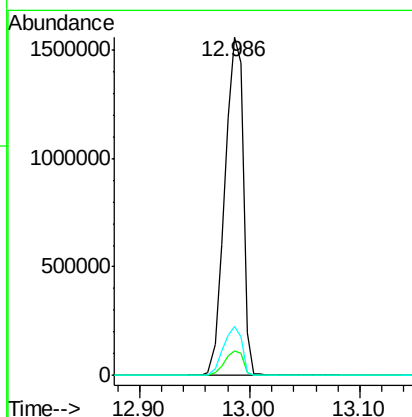
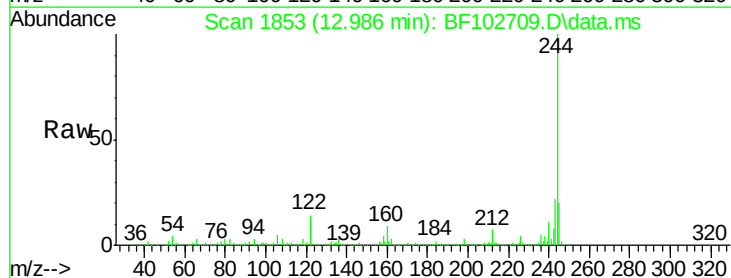
Instrument :
BNA_F
ClientSampleId :

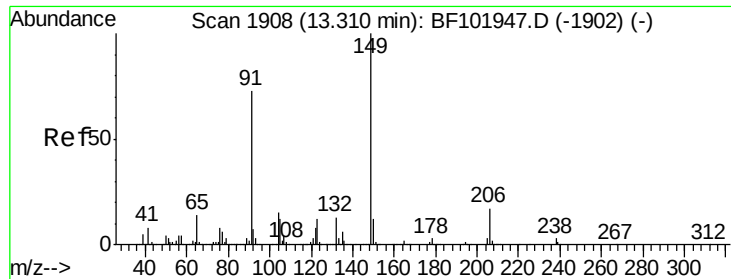
Tot Ion:202 Resp: 1769193
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 82.46 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion:244 Resp: 1823424
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 14.4 11.0 16.4

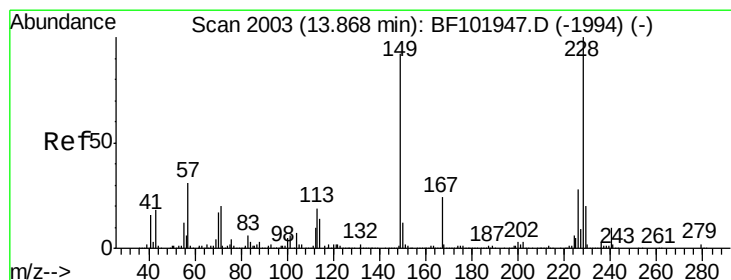
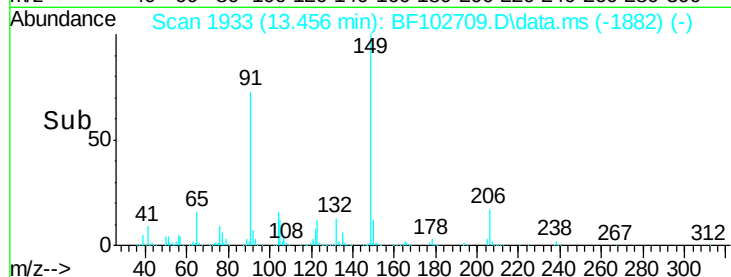
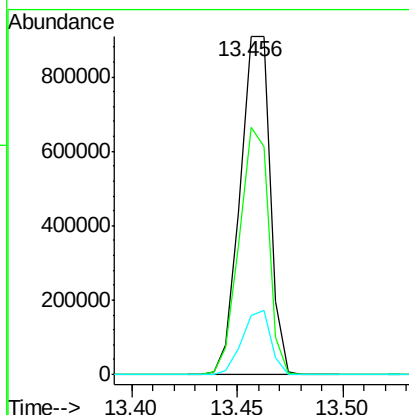
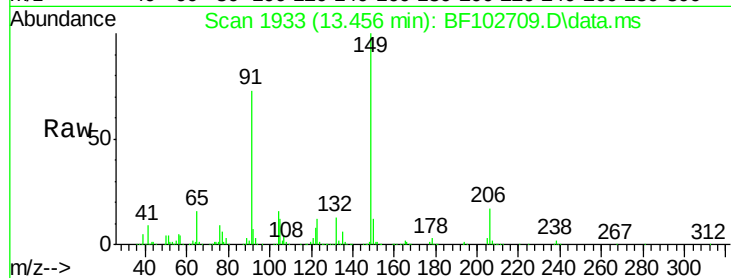




#79
Butylbenzylphthalate
Concen: 48.18 ng
RT: 13.456 min Scan# 191
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

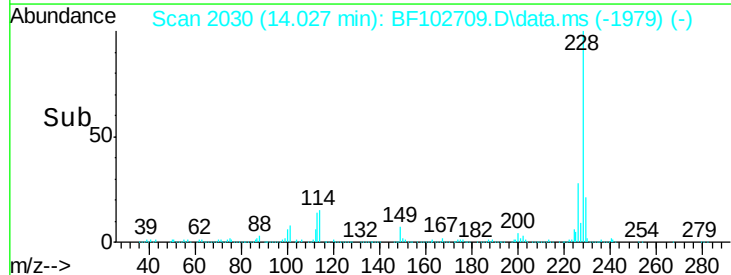
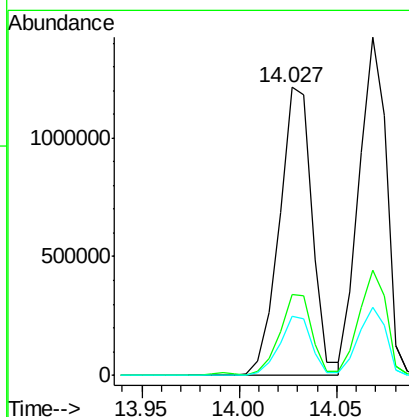
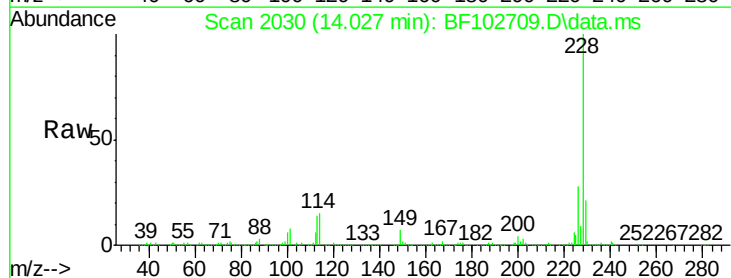
Instrument :
BNA_F
ClientSampleId :

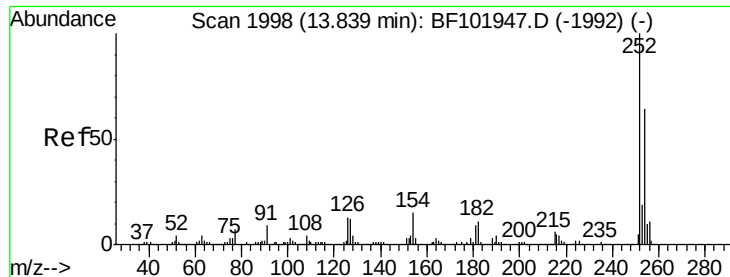
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.8	85.2
206	17.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 48.34 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.7	15.8	23.6

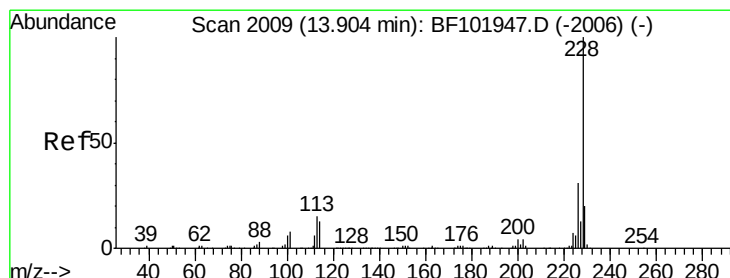
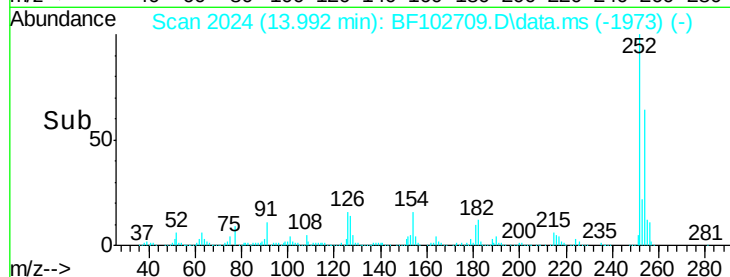
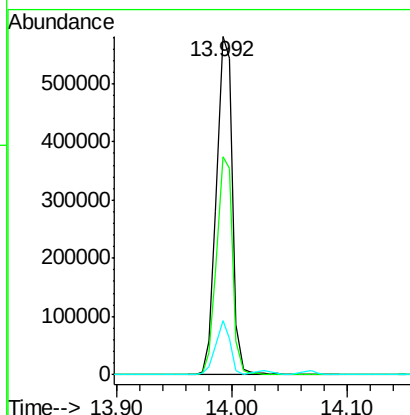
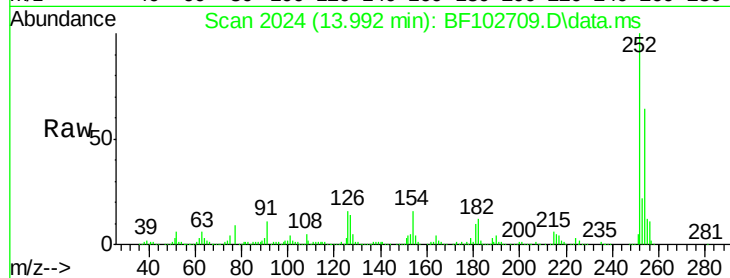




#81
 3,3'-Dichlorobenzidine
 Concen: 51.33 ng
 RT: 13.992 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

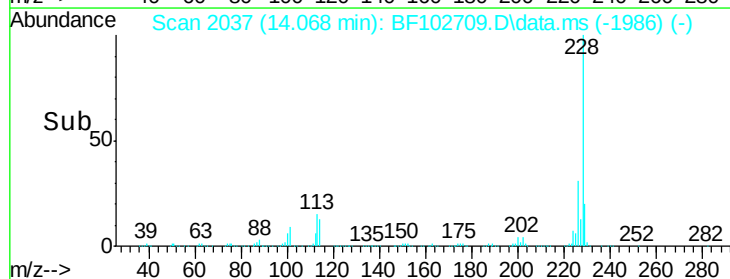
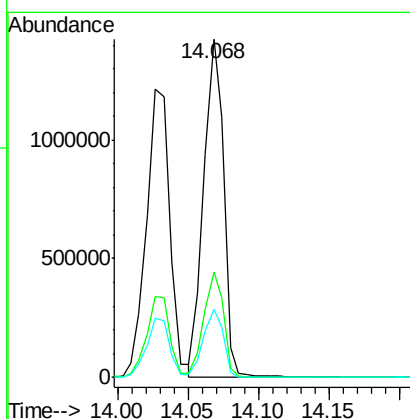
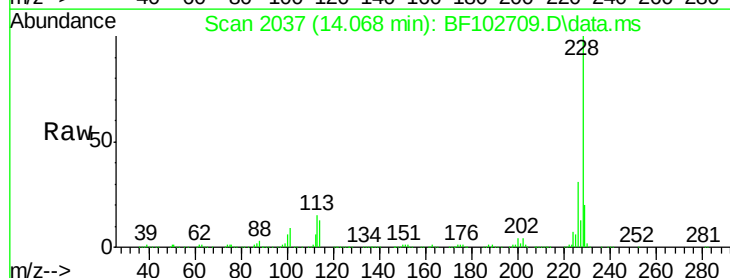
Instrument :
 BNA_F
 ClientSampleId :

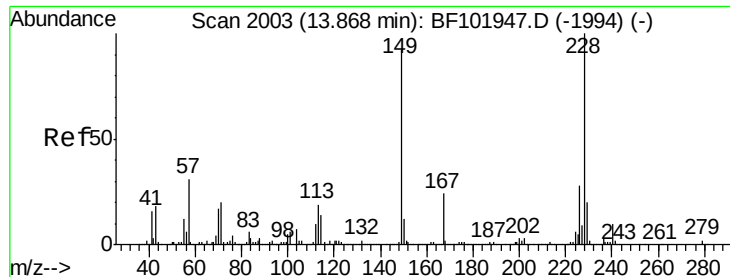
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	15.9	11.3	16.9



#82
 Chrysene
 Concen: 45.92 ng
 RT: 14.068 min Scan# 2037
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.56 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

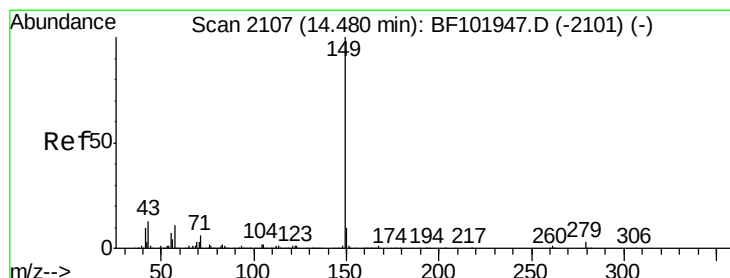
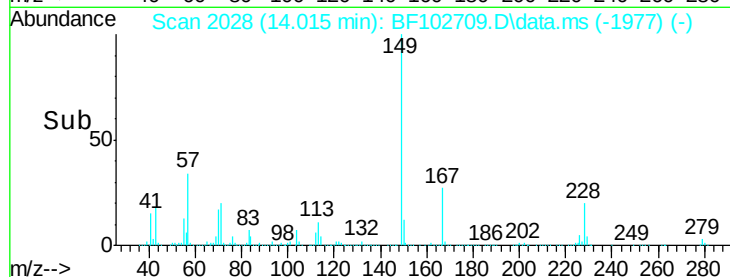
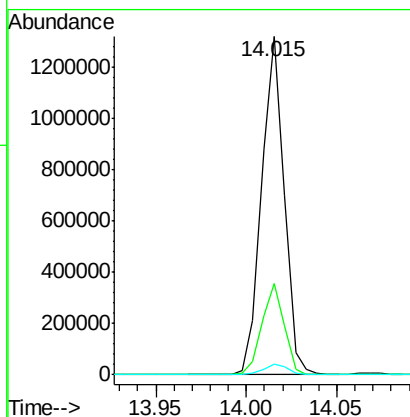
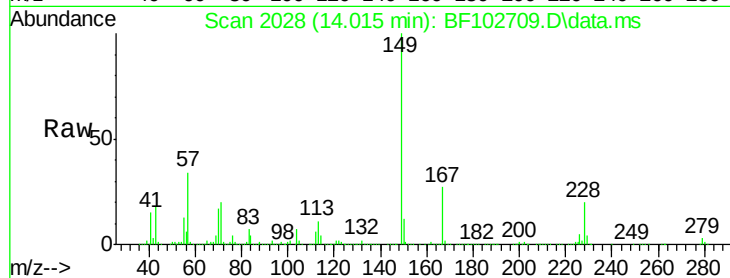
Tot Ion:149 Resp: 1144435

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

279 3.2 3.0 4.4



#84

Di-n-octyl phthalate

Concen: 51.34 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

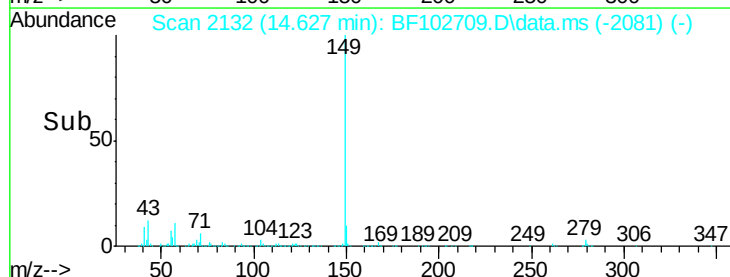
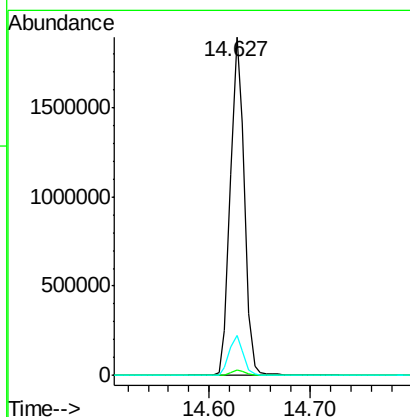
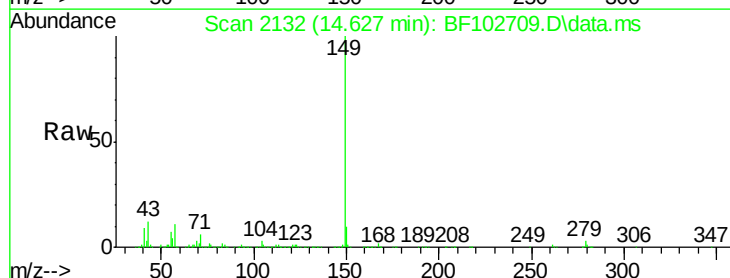
Tgt Ion:149 Resp: 1820174

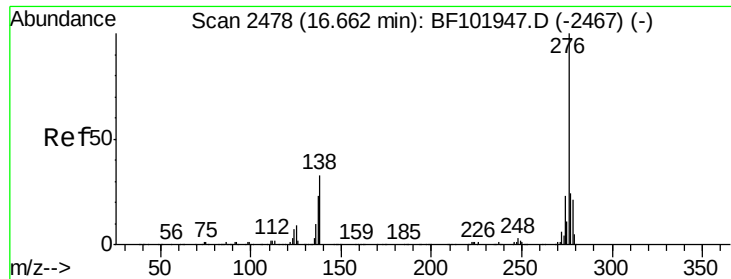
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 8.4 12.6

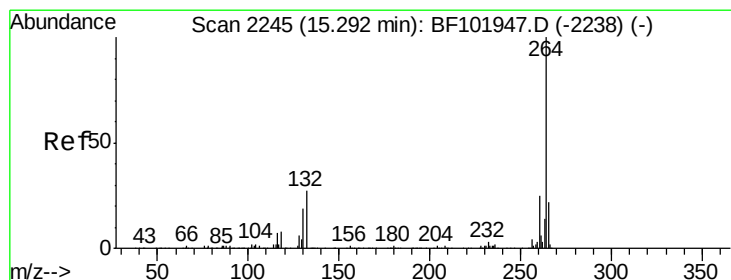
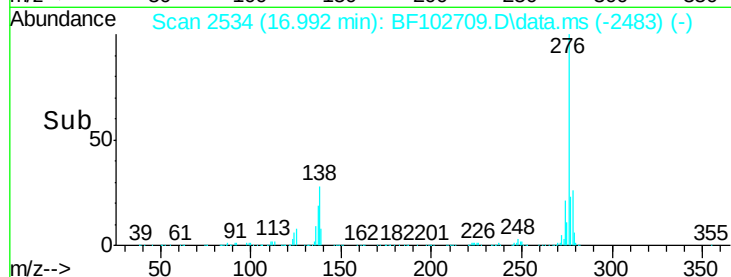
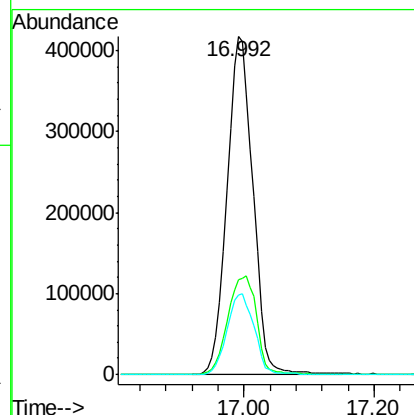
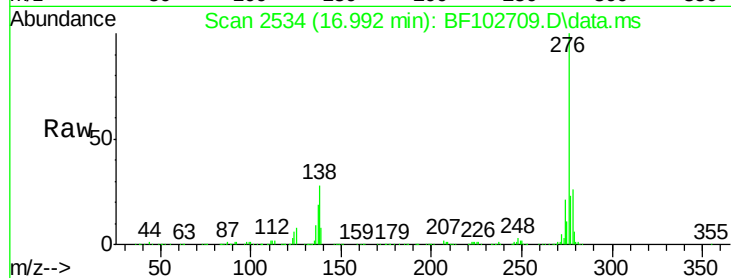




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.70 ng
 RT: 16.992 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

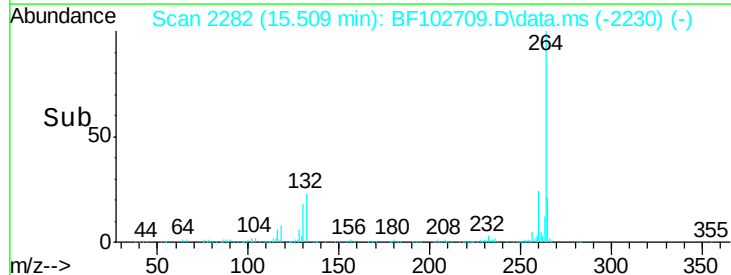
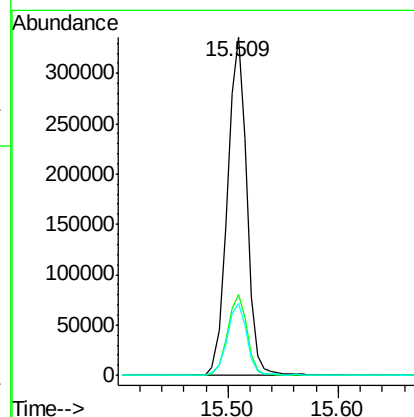
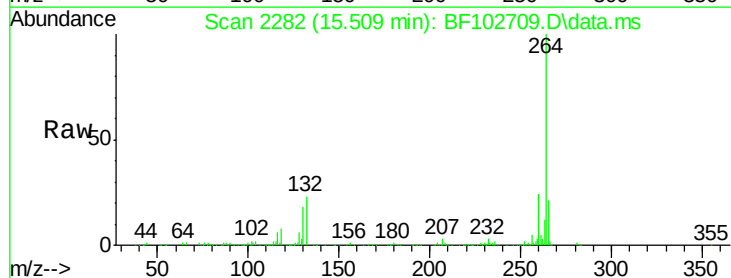
Instrument :
 BNA_F
 ClientSampleId :

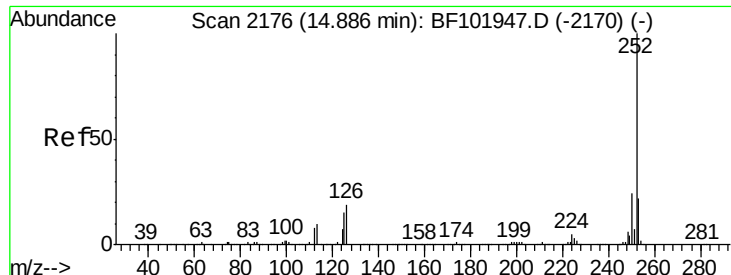
Tot Ion:276 Resp: 1149392
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:264 Resp: 413238
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 47.67 ng

RT: 15.080 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

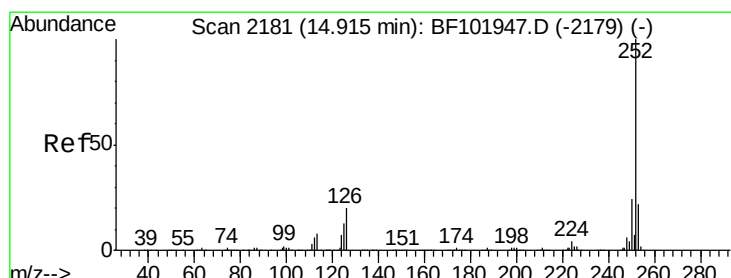
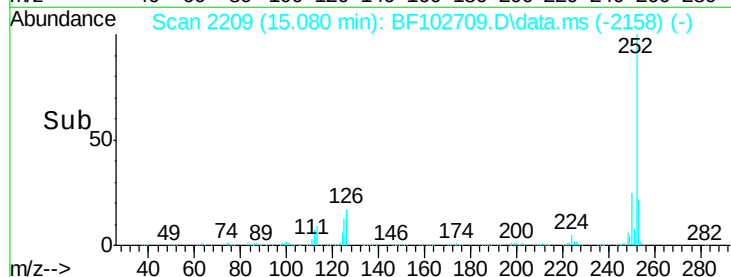
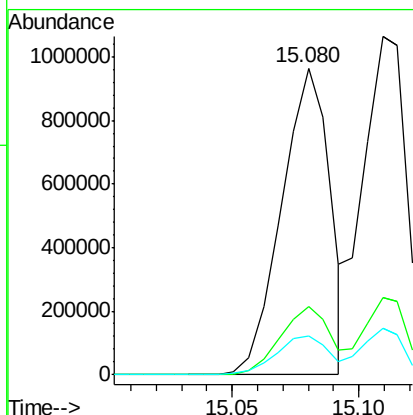
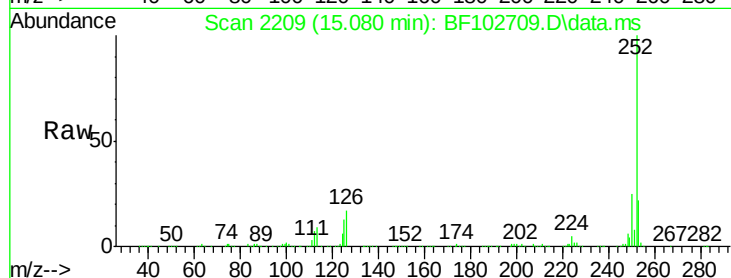
Tot Ion:252 Resp: 1284452

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 12.8 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 50.09 ng

RT: 15.109 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

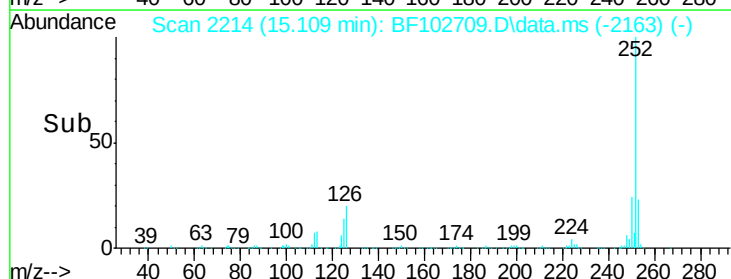
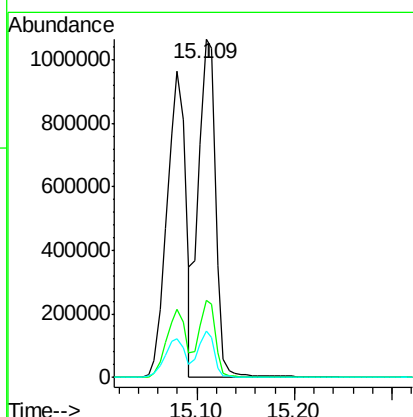
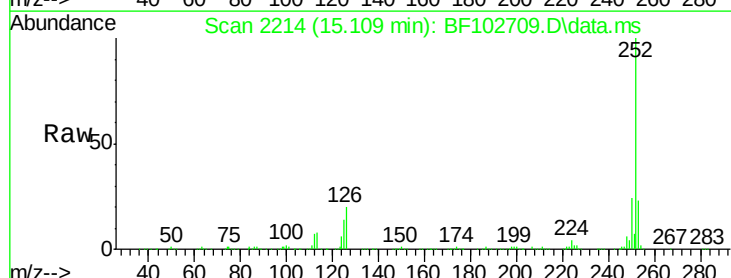
Tgt Ion:252 Resp: 1301965

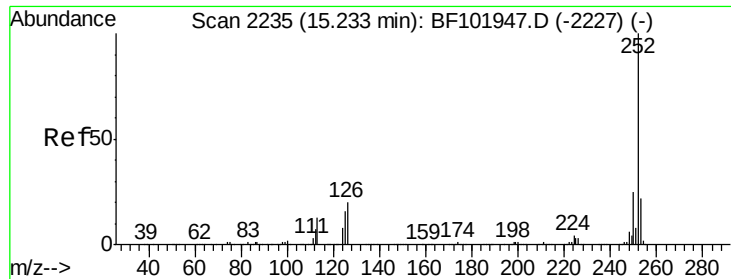
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 13.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 49.10 ng

RT: 15.450 min Scan# 22

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

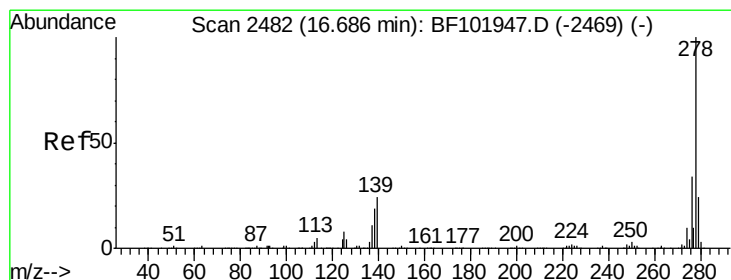
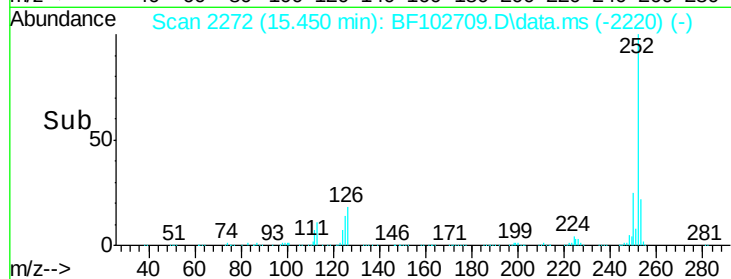
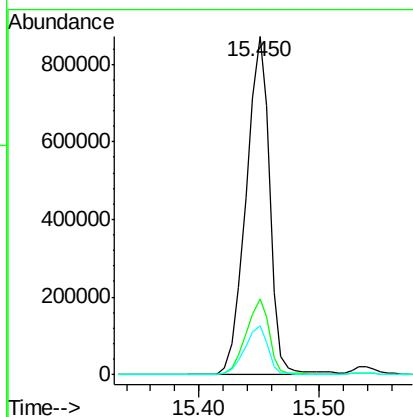
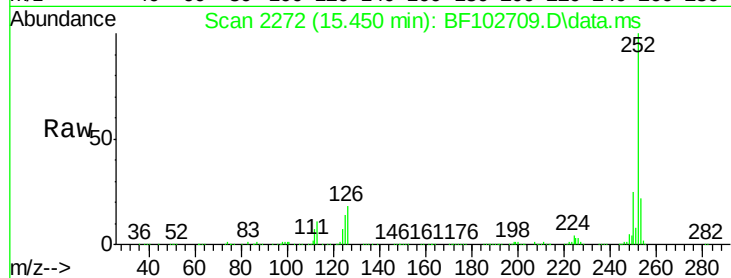
Tot Ion:252 Resp: 1190530

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 14.4 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 49.74 ng

RT: 17.015 min Scan# 2538

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

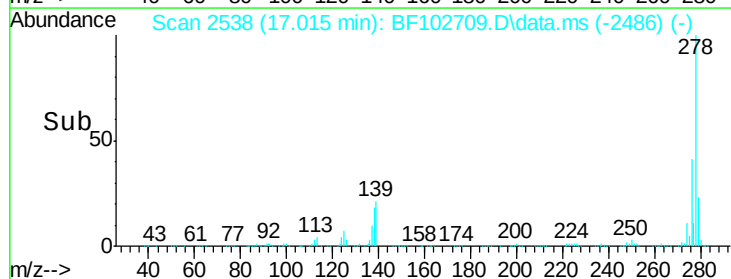
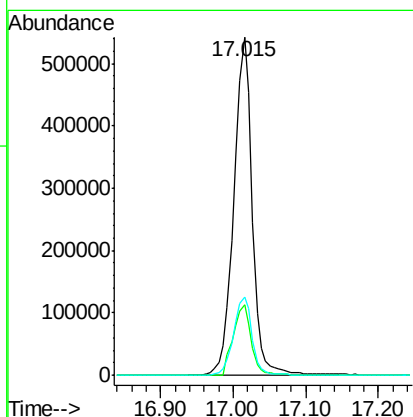
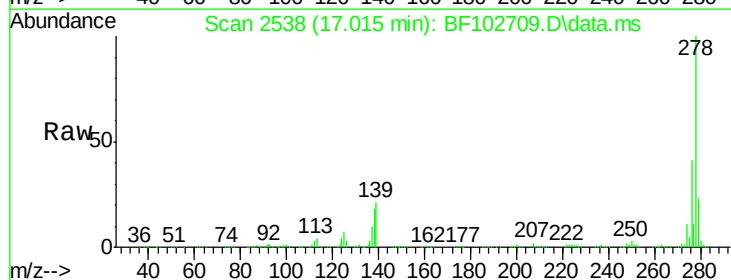
Tgt Ion:278 Resp: 962364

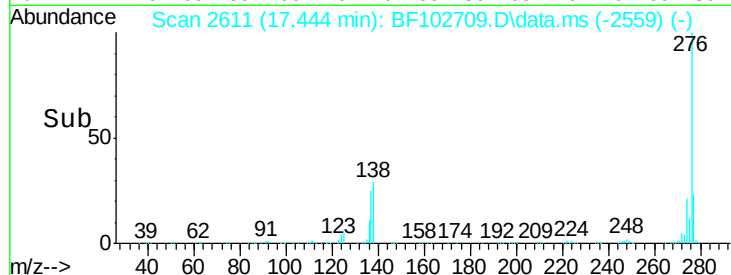
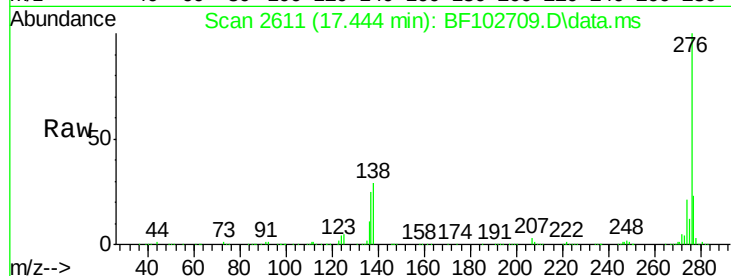
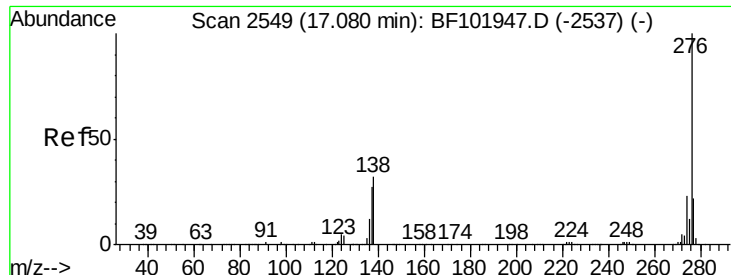
Ion Ratio Lower Upper

278 100

139 20.9 15.9 23.9

279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 48.10 ng

RT: 17.444 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 937521

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 29.2 21.8 32.8

