

Data Path : Z:\HPCHEM1\BNA F\Data\BF020318\
 Data File : BF102708.D
 Acq On : 3 Feb 2018 10:26
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 11:52:33 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	6.881	152	188640	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	798875	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	365283	20.00	ng	0.00
63) Phenanthrene-d10	11.398	188	625389	20.00	ng	0.00
75) Chrysene-d12	14.039	240	445472	20.00	ng	0.00
86) Perylene-d12	15.503	264	386388	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.486	112	993091	74.34	ng	0.00
7) Phenol-d6	6.498	99	1191301	74.74	ng	0.00
23) Nitrobenzene-d5	7.445	82	960584	70.66	ng	0.00
41) 2,4,6-Tribromophenol	10.704	330	249545	78.28	ng	0.00
44) 2-Fluorobiphenyl	9.239	172	1767641	75.60	ng	0.00
78) Terphenyl-d14	12.986	244	1469257	68.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.651	88	252137	37.82	ng	86
3) Pyridine	3.428	79	704372	38.69	ng	89
4) n-Nitrosodimethylamine	3.375	42	299268	39.25	ng	90
6) Aniline	6.545	93	883313	39.32	ng	97
8) 2-Chlorophenol	6.663	128	513079	38.29	ng	98
9) Benzaldehyde	6.428	77	446266	40.32	ng	99
10) Phenol	6.510	94	631690	35.07	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	531165	38.74	ng	93
12) 1,3-Dichlorobenzene	6.822	146	588066	38.08	ng	99
13) 1,4-Dichlorobenzene	6.898	146	583382	37.85	ng	99
14) 1,2-Dichlorobenzene	7.051	146	547574	38.39	ng	99
15) Benzyl Alcohol	7.016	79	470927	40.39	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1027161	40.64	ng	96
17) 2-Methylphenol	7.122	107	470979	38.97	ng	98
18) Hexachloroethane	7.392	117	208335	38.39	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	385651	36.92	ng	90
20) 3+4-Methylphenols	7.275	107	593520	40.90	ng	98
22) Acetophenone	7.286	105	759529	39.46	ng	96
24) Nitrobenzene	7.463	77	555381	38.02	ng	99
25) Isophorone	7.698	82	1041379	38.77	ng	99
26) 2-Nitrophenol	7.775	139	196650	32.16	ng	95
27) 2,4-Dimethylphenol	7.804	122	451445	39.54	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	621609	38.33	ng	100
29) 2,4-Dichlorophenol	8.010	162	418126	38.56	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	452884	39.93	ng	99
31) Naphthalene	8.186	128	1542051	38.63	ng	100
32) Benzoic acid	7.916	122	277859	32.09	ng	97
33) 4-Chloroaniline	8.227	127	667438	39.17	ng	98
34) Hexachlorobutadiene	8.298	225	235186	39.18	ng	98
35) Caprolactam	8.604	113	145255	39.02	ng	# 73
36) 4-Chloro-3-methylphenol	8.698	107	464904	39.17	ng	99
37) 2-Methylnaphthalene	8.874	142	1003247	38.18	ng	100
39) 1,2,4,5-Tetrachloroben...	9.039	216	391956	37.93	ng	98
40) Hexachlorocyclopentadiene	9.027	237	203504	36.01	ng	96

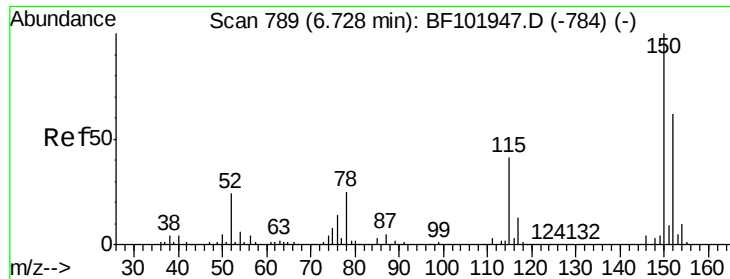
Data Path : Z:\HPCHEM1\BNA F\Data\BF020318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.145	196	271475	38.12	nq	98
43) 2,4,5-Trichlorophenol	9.180	196	313188	38.91	nq	99
45) 1,1'-Biphenyl	9.339	154	1201795	37.22	nq	99
46) 2-Chloronaphthalene	9.363	162	957181	38.23	nq	99
47) 2-Nitroaniline	9.457	65	290807	38.78	nq	90
48) Acenaphthylene	9.780	152	1476358	37.16	nq	99
49) Dimethylphthalate	9.639	163	1112564	37.97	nq	100
50) 2,6-Dinitrotoluene	9.698	165	226715	38.73	nq	94
51) Acenaphthene	9.951	154	878043	36.41	nq	98
52) 3-Nitroaniline	9.869	138	276877	37.48	nq	99
53) 2,4-Dinitrophenol	9.963	184	40909	22.94	nq	# 64
54) Dibenzofuran	10.121	168	1238231	37.41	nq	96
55) 4-Nitrophenol	10.010	139	203333	36.93	nq	94
56) 2,4-Dinitrotoluene	10.098	165	283260	38.61	nq	94
57) Fluorene	10.463	166	924873	40.42	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.233	232	213458	37.25	nq	97
59) Diethylphthalate	10.339	149	1109076	38.05	nq	98
60) 4-Chlorophenyl-phenyle...	10.457	204	406663	41.74	nq	99
61) 4-Nitroaniline	10.480	138	258784	36.91	nq	96
62) Azobenzene	10.616	77	1104747	38.09	nq	96
64) 4,6-Dinitro-2-methylph...	10.504	198	89645	29.15	nq	94
65) n-Nitrosodiphenylamine	10.574	169	875079	37.37	nq	99
66) 4-Bromophenyl-phenylether	10.945	248	261505	39.60	nq	95
67) Hexachlorobenzene	11.010	284	287792	39.92	nq	96
68) Atrazine	11.098	200	264114	39.03	nq	97
69) Pentachlorophenol	11.198	266	179288	40.78	nq	98
70) Phenanthrene	11.427	178	1363362	37.32	nq	99
71) Anthracene	11.480	178	1378817	37.22	nq	100
72) Carbazole	11.633	167	1355490	37.22	nq	100
73) Di-n-butylphthalate	11.963	149	1695803	37.96	nq	99
74) Fluoranthene	12.615	202	1366204	38.01	nq	99
76) Benzidine	12.733	184	878881	40.86	nq	99
77) Pyrene	12.845	202	1400288	35.56	nq	100
79) Butylbenzylphthalate	13.457	149	673240	37.26	nq	96
80) Benzo(a)anthracene	14.027	228	1103094	38.81	nq	100
81) 3,3'-Dichlorobenzidine	13.992	252	436688	41.50	nq	99
82) Chrysene	14.068	228	1110584	37.47	nq	99
83) Bis(2-ethylhexyl)phtha...	14.015	149	875505	42.23	nq	99
84) Di-n-octyl phthalate	14.627	149	1331154	38.70	nq	96
85) Indeno(1,2,3-cd)pyrene	16.992	276	868649	40.27	nq	99
87) Benzo(b)fluoranthene	15.080	252	1024333	40.66	nq	99
88) Benzo(k)fluoranthene	15.109	252	970001	39.91	nq	99
89) Benzo(a)pyrene	15.445	252	912126	40.23	nq	97
90) Dibenzo(a,h)anthracene	17.009	278	725479	40.10	nq	99
91) Benzo(g,h,i)perylene	17.439	276	701557	38.50	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.881 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

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ClientSampleId :

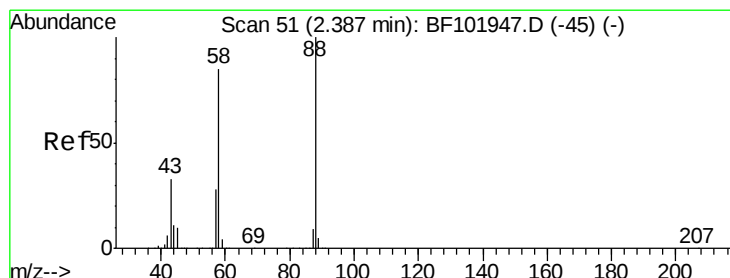
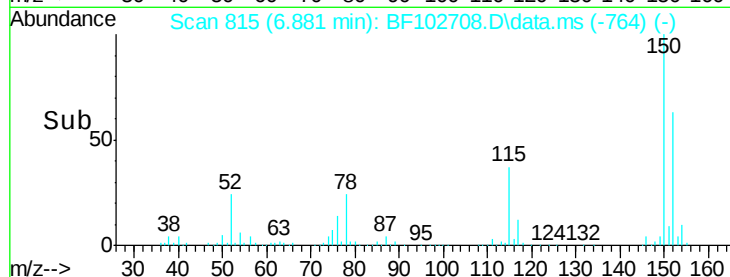
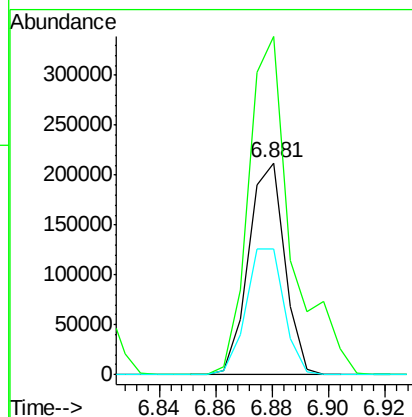
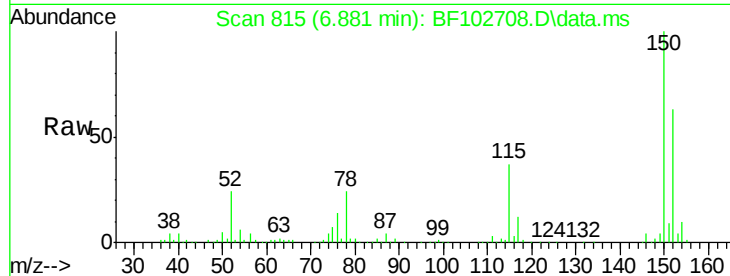
Tot Ion:152 Resp: 188640

Ion Ratio Lower Upper

152 100

150 159.9 124.6 186.8

115 59.5 50.1 75.1



#2

1,4-Dioxane

Concen: 37.82 ng

RT: 2.651 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

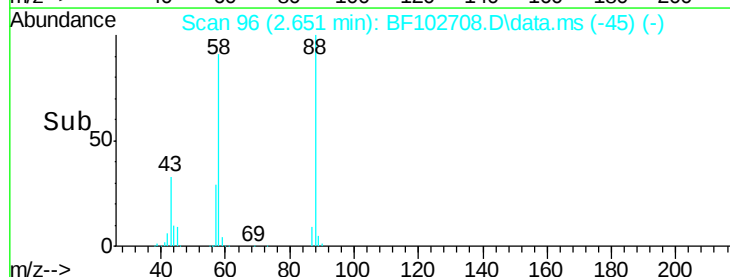
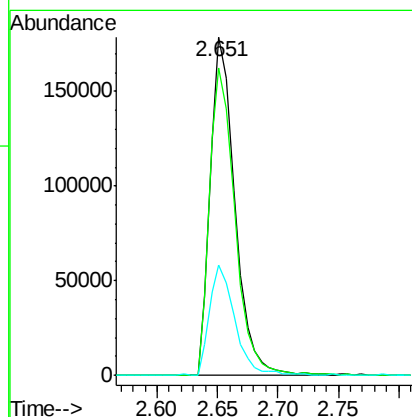
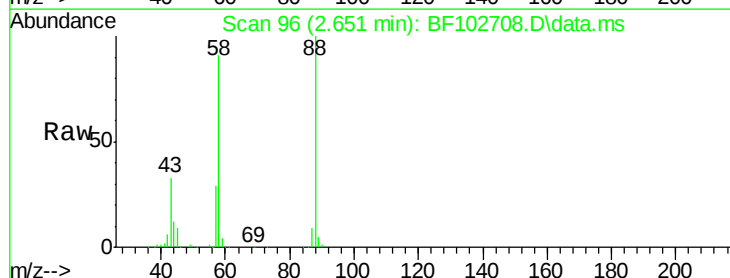
Tgt Ion: 88 Resp: 252137

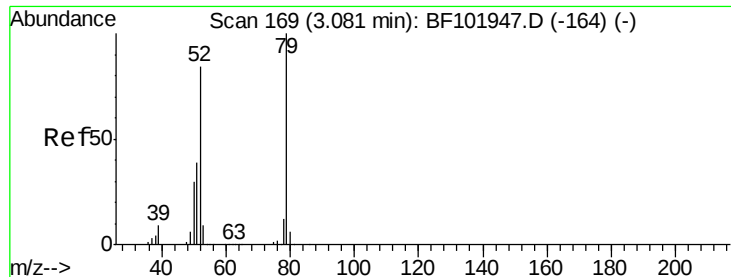
Ion Ratio Lower Upper

88 100

58 93.4 62.6 93.8

43 33.2 24.6 37.0





#3

Pvridine

Concen: 38.69 ng

RT: 3.428 min Scan# 22

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

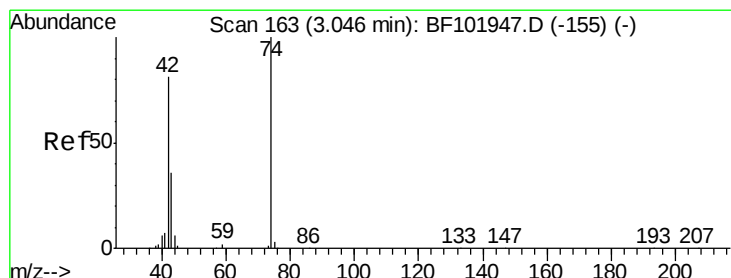
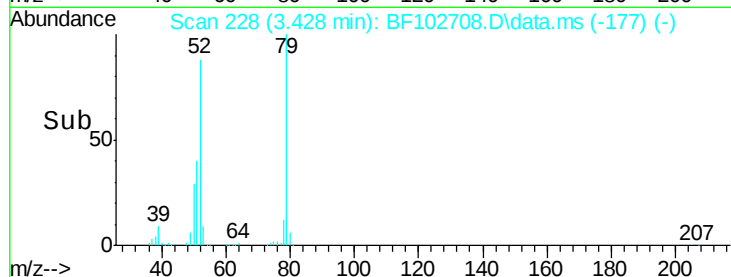
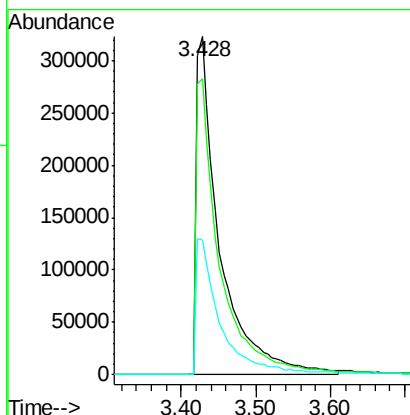
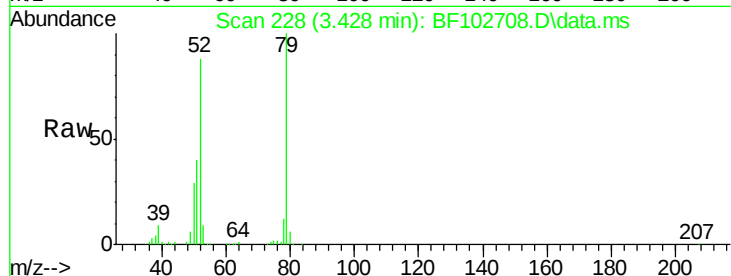
Tot Ion: 79 Resp: 704372

Ion Ratio Lower Upper

79 100

52 87.5 59.8 89.6

51 39.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.25 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

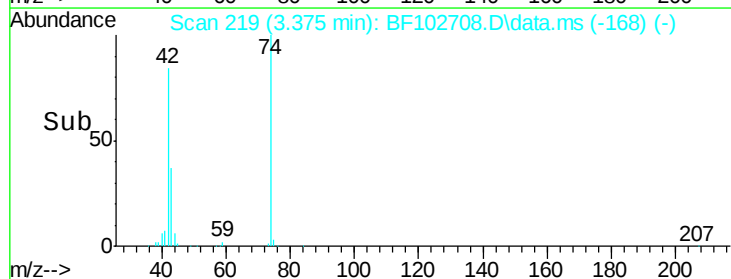
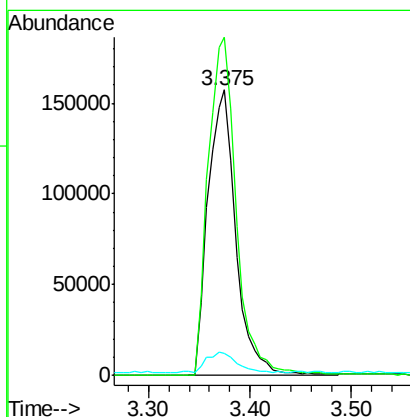
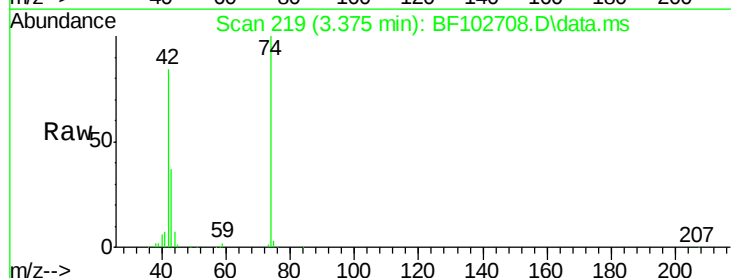
Tgt Ion: 42 Resp: 299268

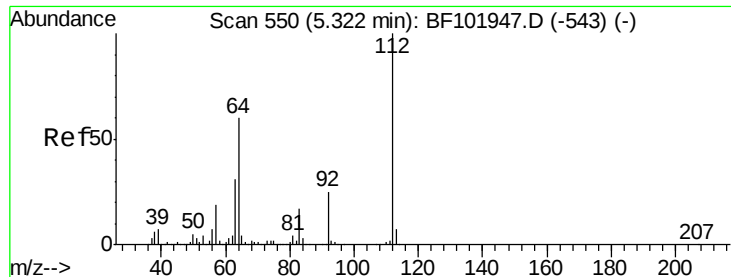
Ion Ratio Lower Upper

42 100

74 118.4 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 74.34 ng

RT: 5.486 min Scan# 57

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

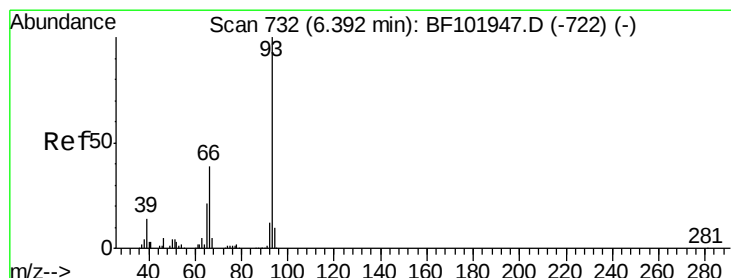
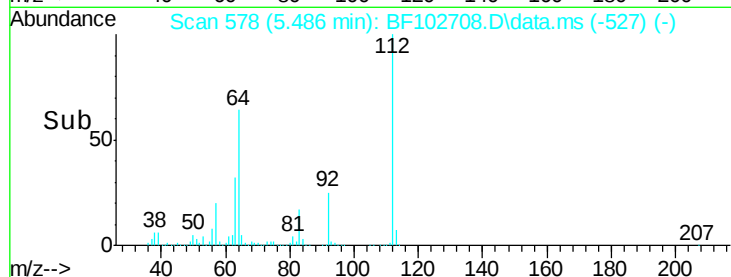
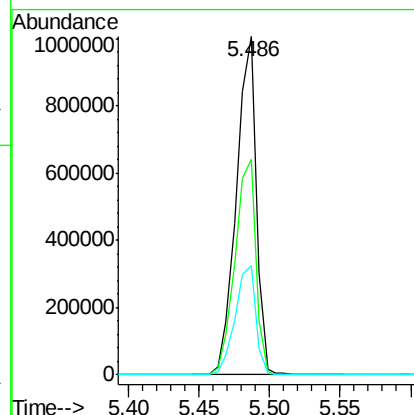
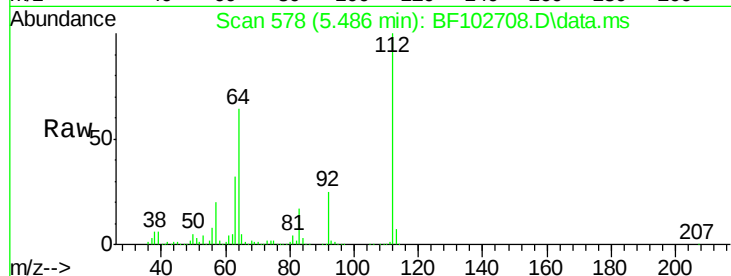
Tot Ion:112 Resp: 993091

Ion Ratio Lower Upper

112 100

64 63.8 47.9 71.9

63 32.2 23.7 35.5



#6

Aniline

Concen: 39.32 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

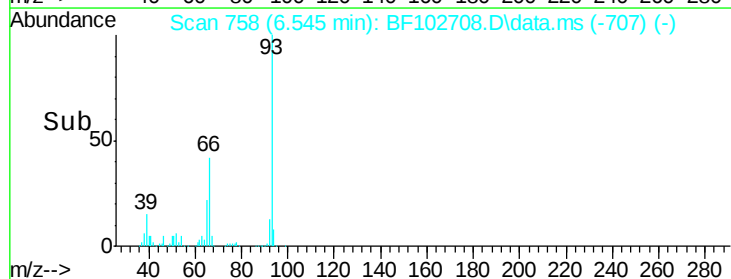
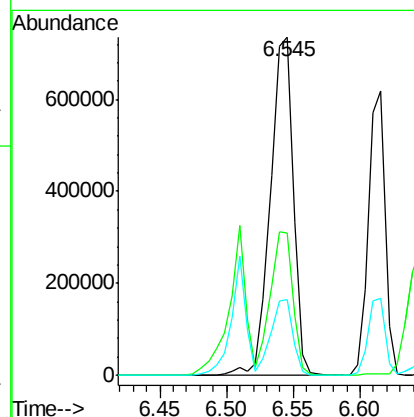
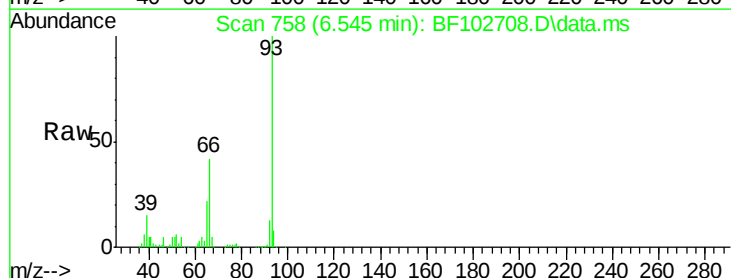
Tgt Ion: 93 Resp: 883313

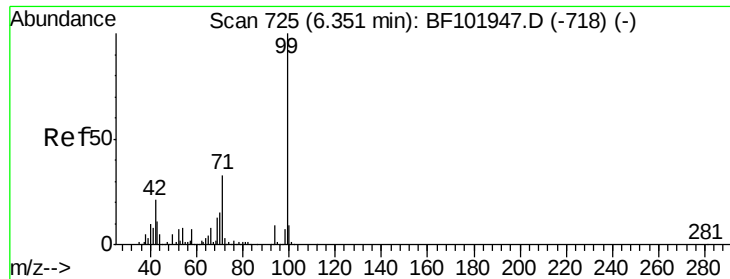
Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

65 22.3 16.4 24.6





#7

Phenol-d6

Concen: 74.74 ng

RT: 6.498 min Scan# 75

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

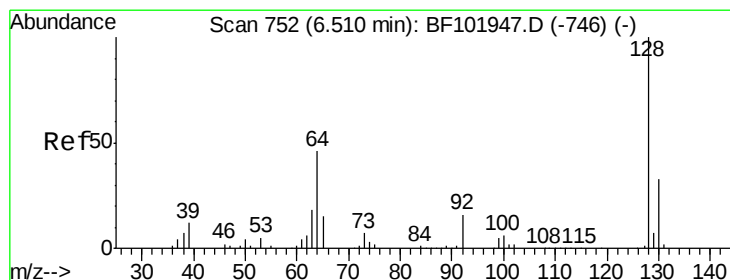
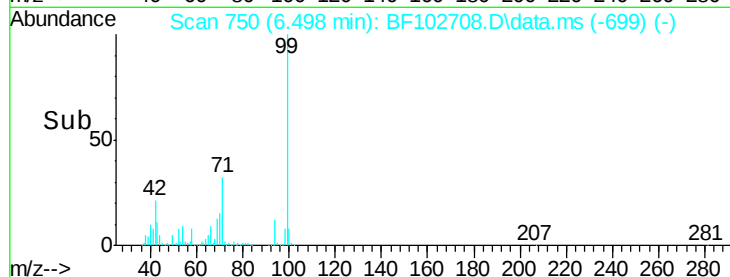
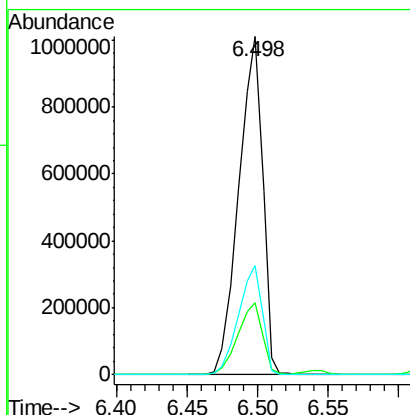
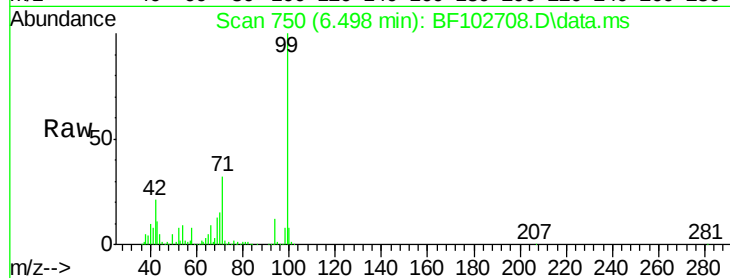
Tot Ion: 99 Resp: 1191301

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 32.3 25.4 38.0



#8

2-Chlorophenol

Concen: 38.29 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

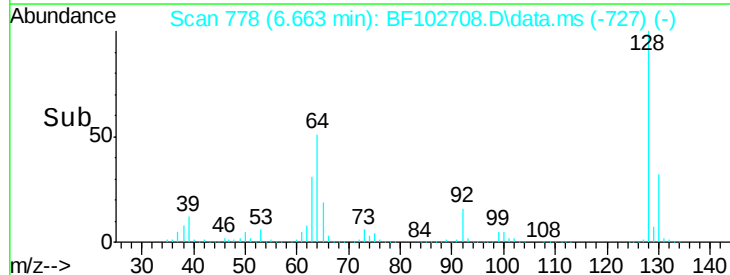
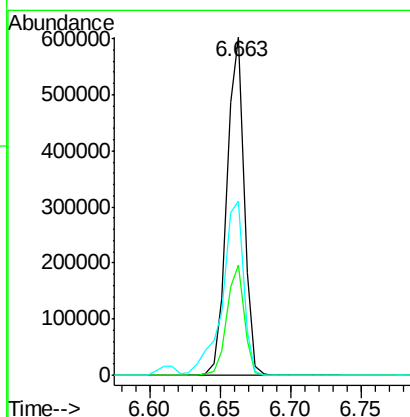
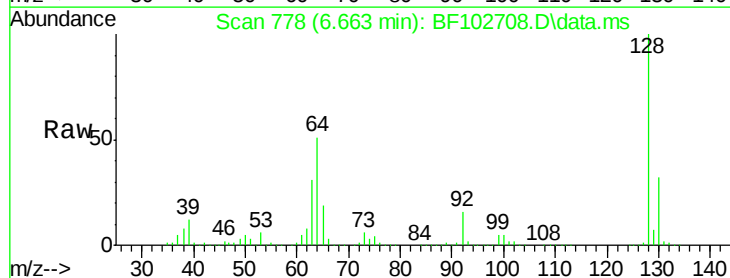
Tgt Ion: 128 Resp: 513079

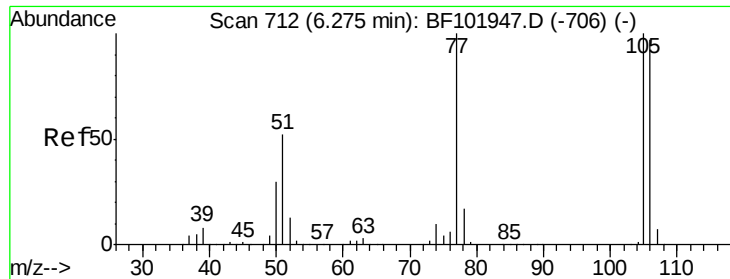
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 51.4 29.4 69.4





#9

Benzaldehyde

Concen: 40.32 ng

RT: 6.428 min Scan# 73

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

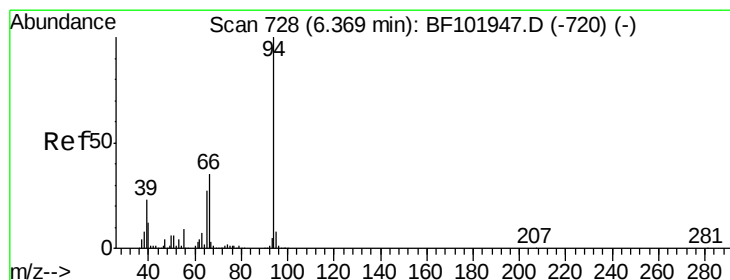
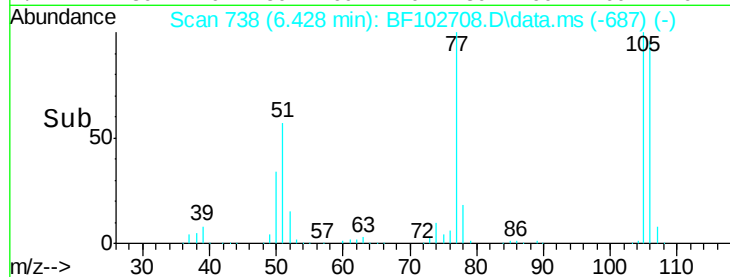
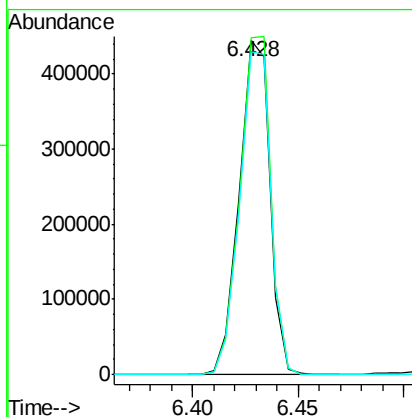
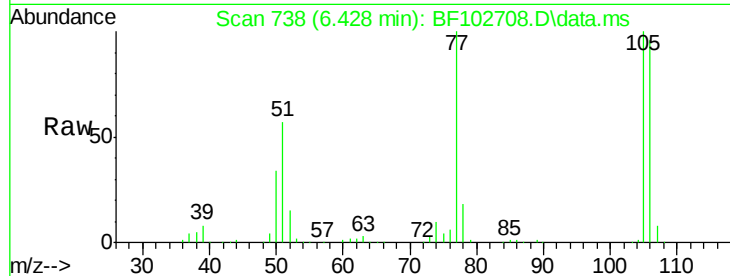
Tot Ion: 77 Resp: 446266

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

106 96.4 74.5 114.5



#10

Phenol

Concen: 35.07 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

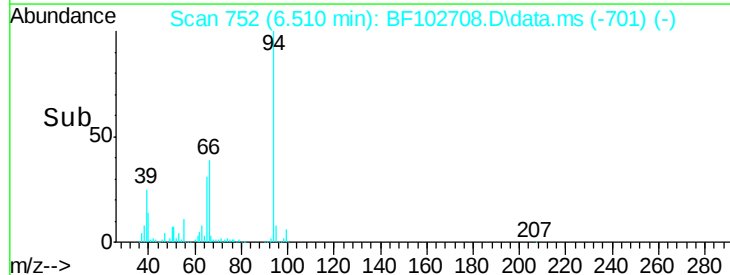
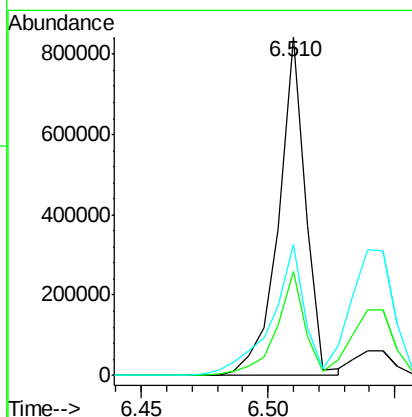
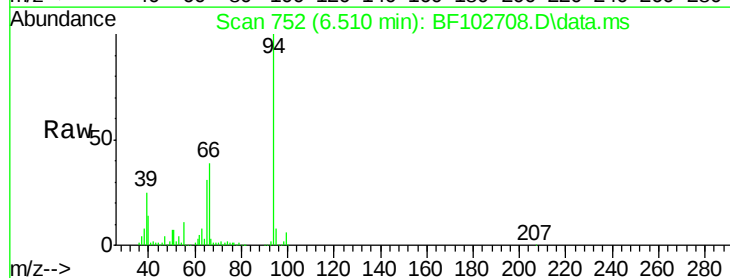
Tgt Ion: 94 Resp: 631690

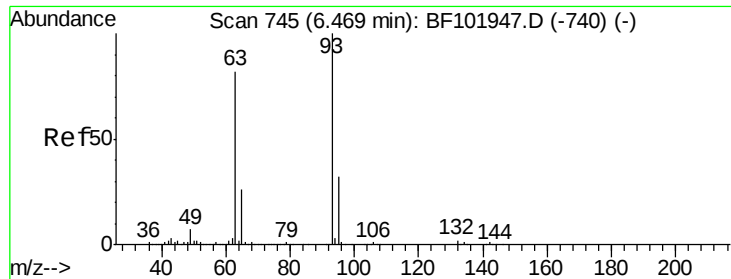
Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

66 38.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.74 ng

RT: 6.616 min Scan# 77

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

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BNA_F

ClientSampleId :

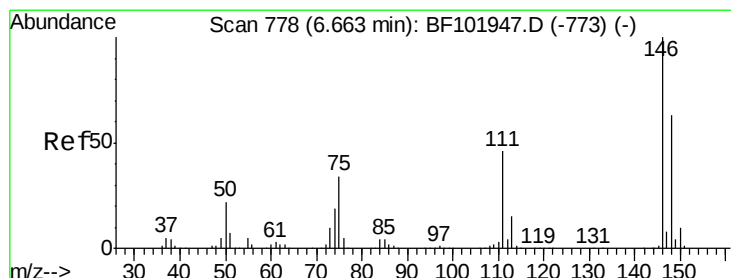
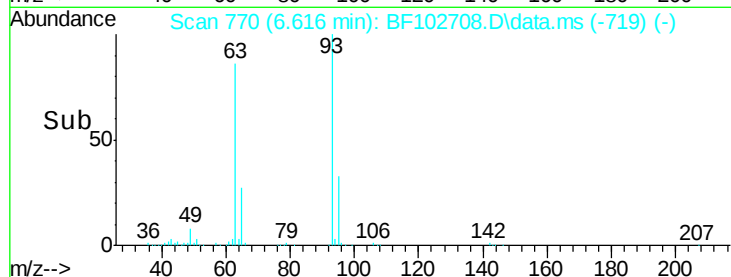
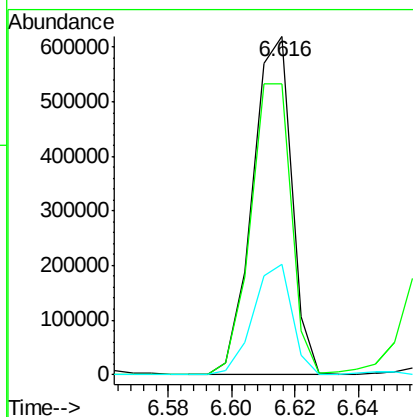
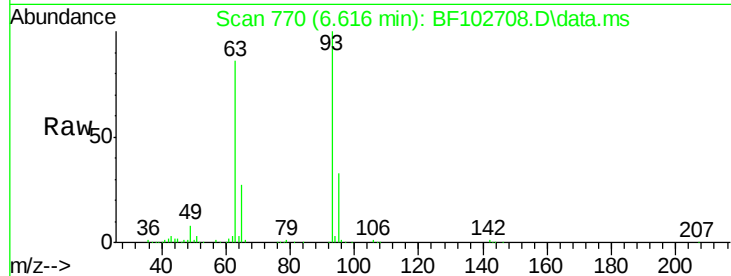
Tot Ion: 93 Resp: 531165

Ion Ratio Lower Upper

93 100

63 86.2 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.08 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

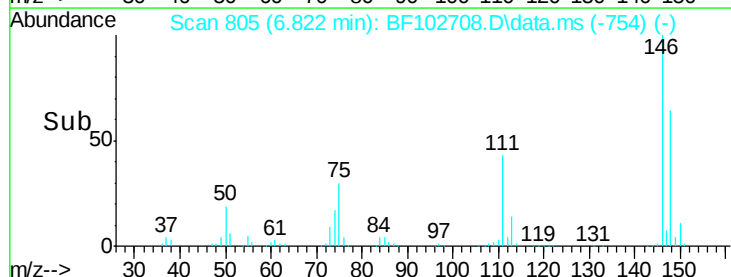
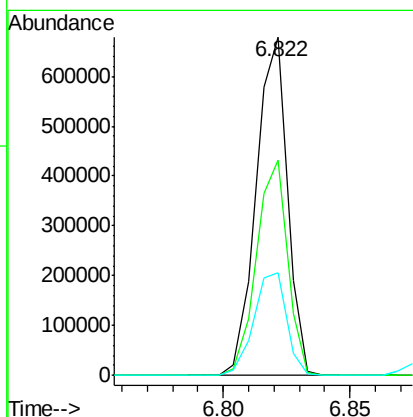
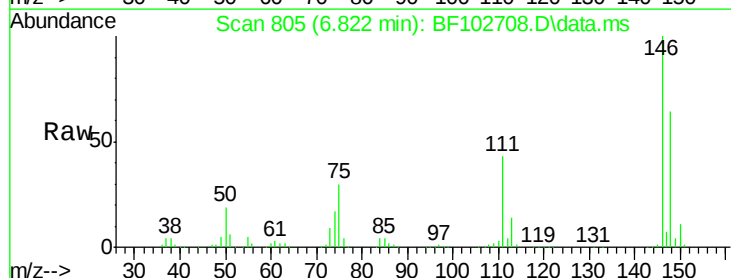
Tgt Ion: 146 Resp: 588066

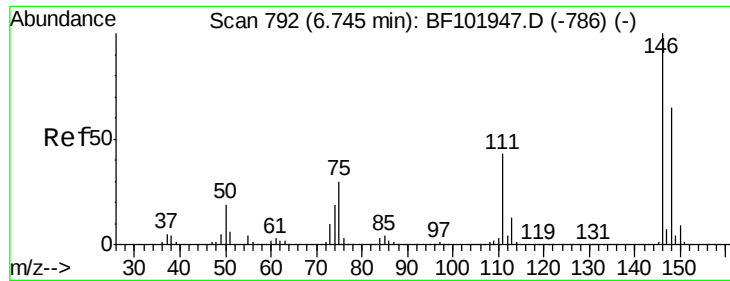
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

75 30.2 24.2 36.4

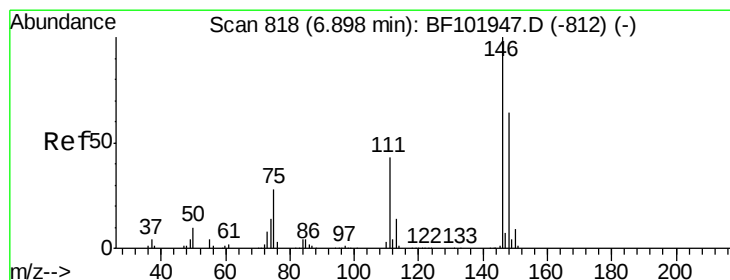
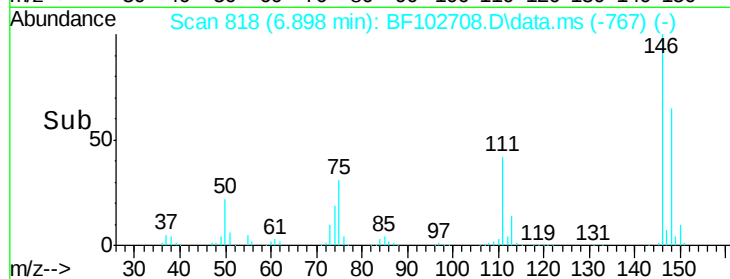
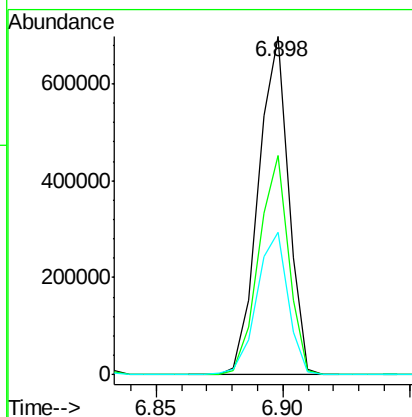
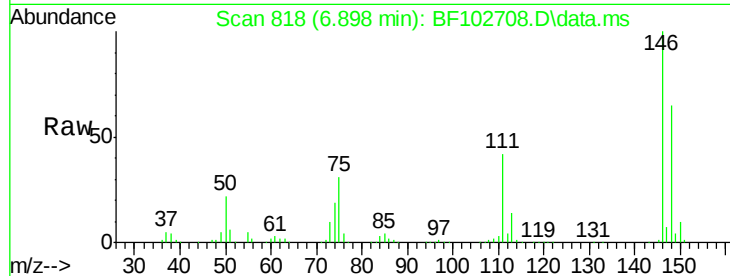




#13
 1,4-Dichlorobenzene
 Concen: 37.85 ng
 RT: 6.898 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

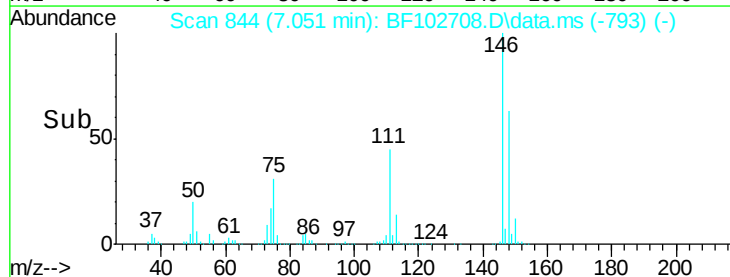
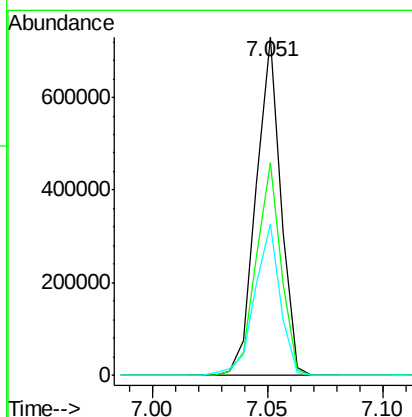
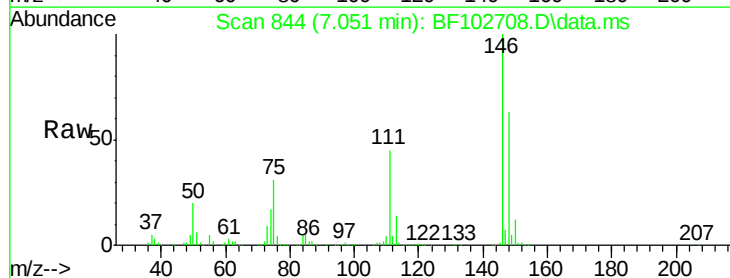
Instrument :
 BNA_F
 ClientSampleId :

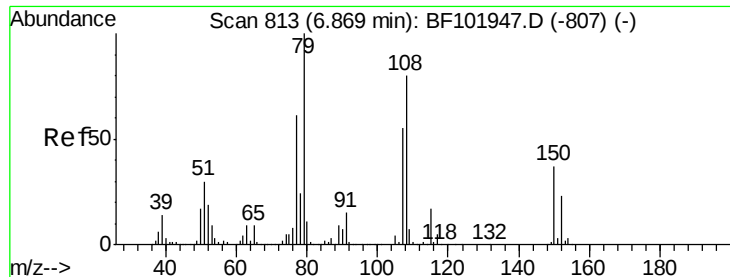
Tot Ion:146 Resp: 583382
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 42.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.39 ng
 RT: 7.051 min Scan# 844
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion:146 Resp: 547574
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 44.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.39 ng

RT: 7.016 min Scan# 83

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampled :

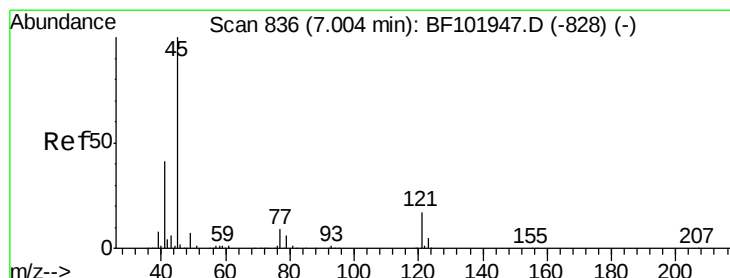
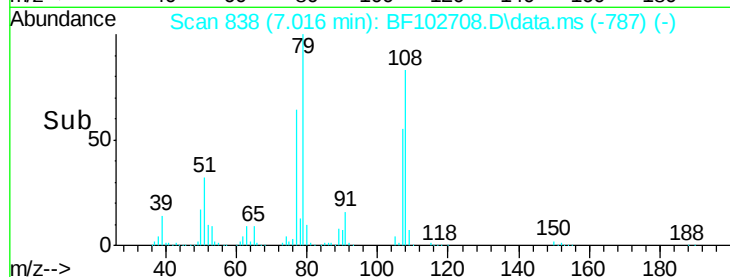
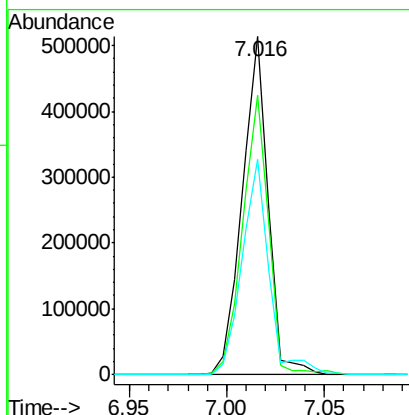
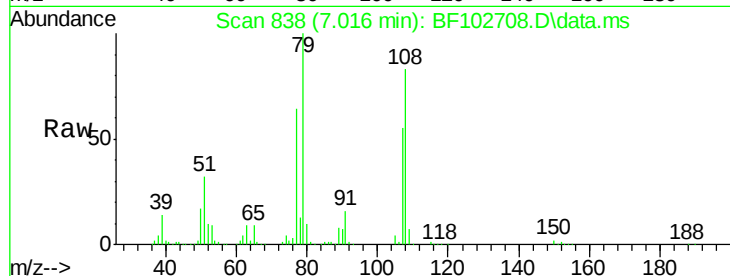
Tot Ion: 79 Resp: 470927

Ion Ratio Lower Upper

79 100

108 82.8 65.1 97.7

77 63.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.64 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

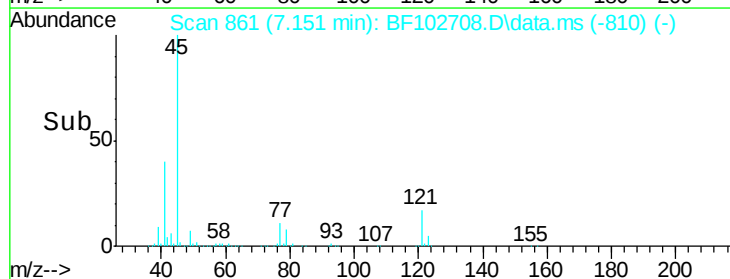
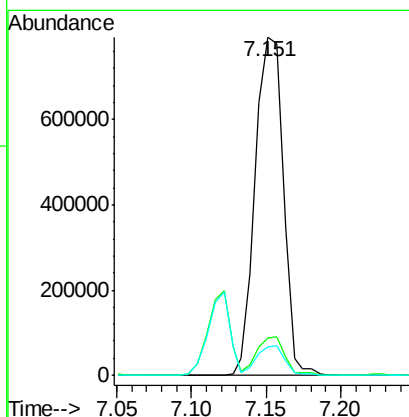
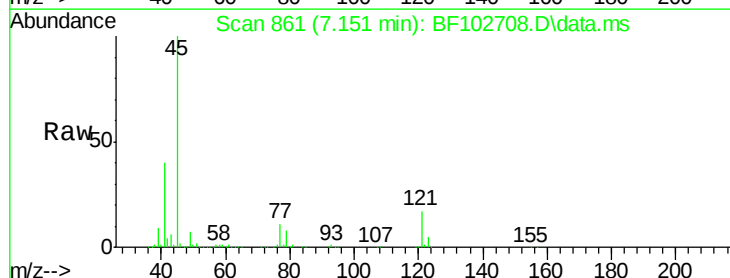
Tgt Ion: 45 Resp: 1027161

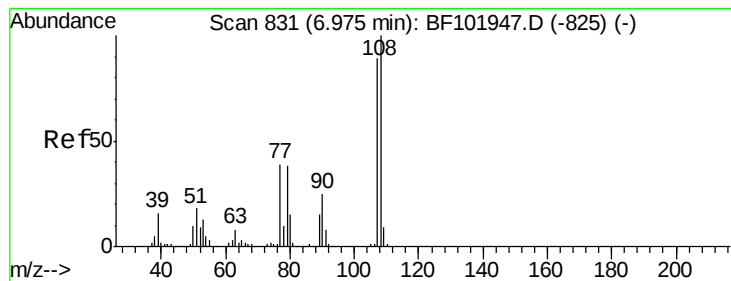
Ion Ratio Lower Upper

45 100

77 11.1 0.0 32.9

79 8.4 0.0 29.6





#17

2-Methylphenol

Concen: 38.97 ng

RT: 7.122 min Scan# 85

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 470979

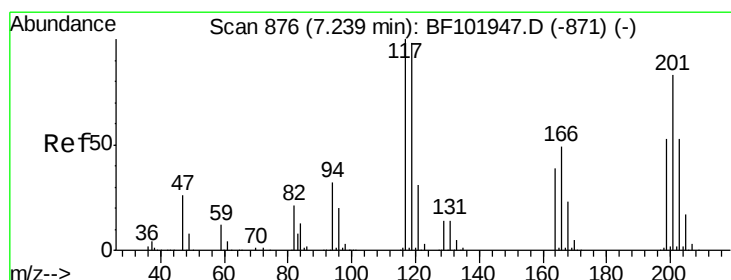
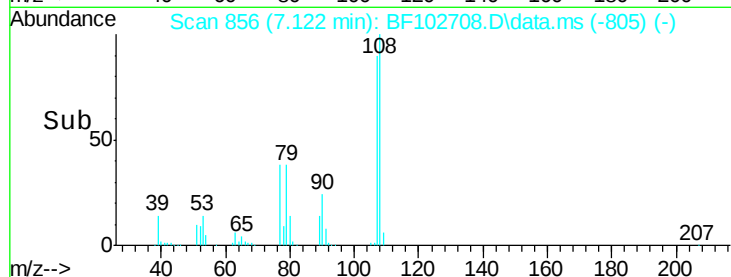
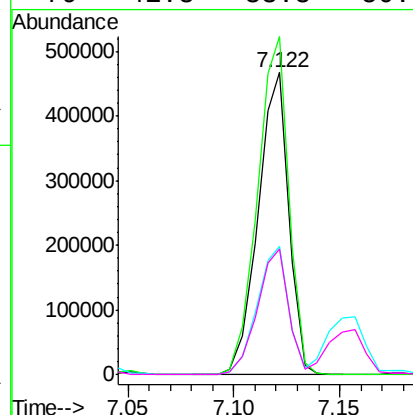
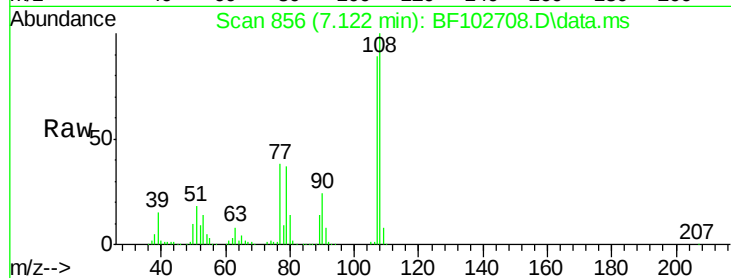
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 42.5 33.8 50.8

79 41.8 33.8 50.8



#18

Hexachloroethane

Concen: 38.39 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

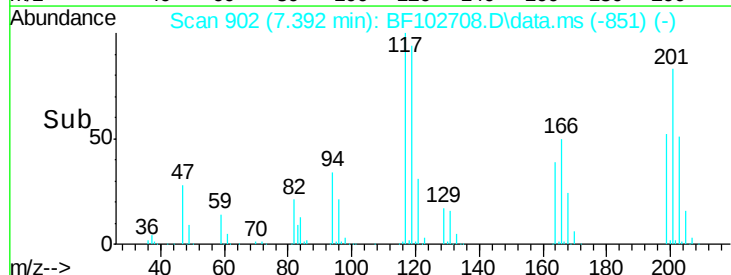
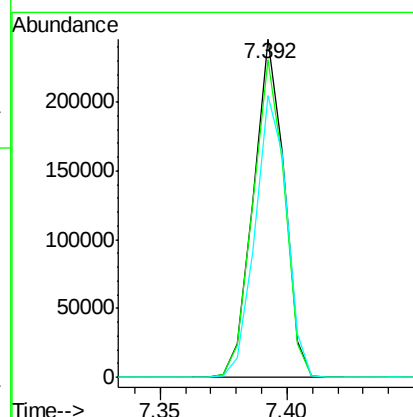
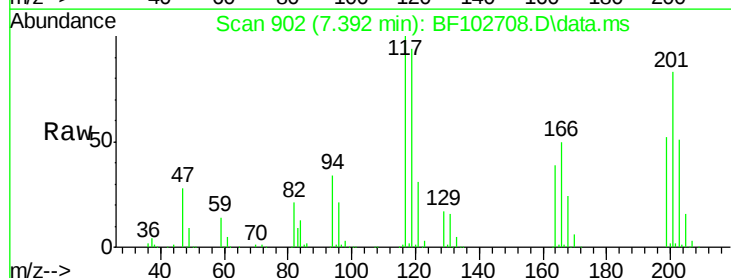
Tgt Ion:117 Resp: 208335

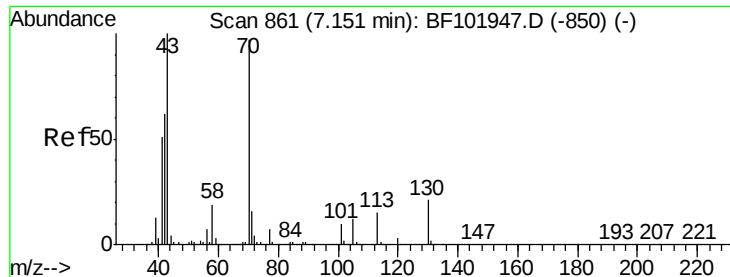
Ion Ratio Lower Upper

117 100

119 94.1 75.8 113.8

201 83.3 75.7 113.5

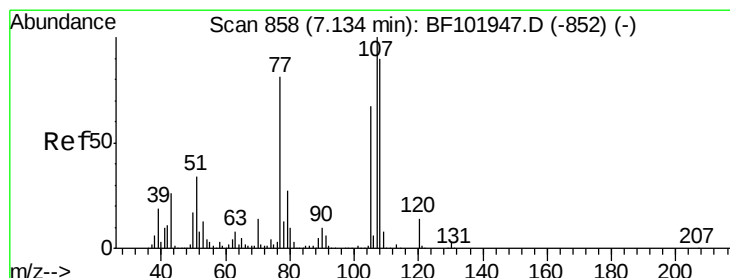
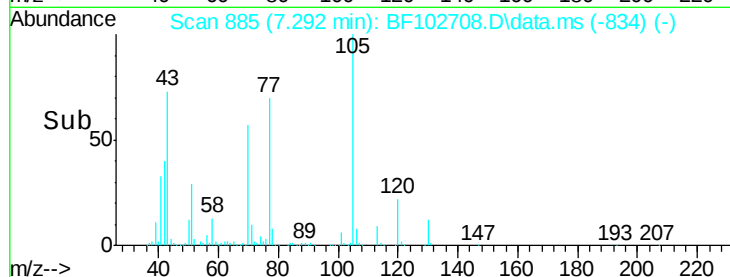
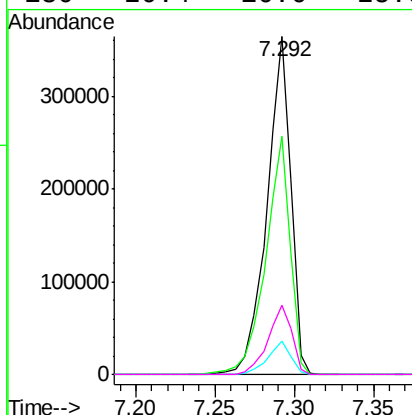
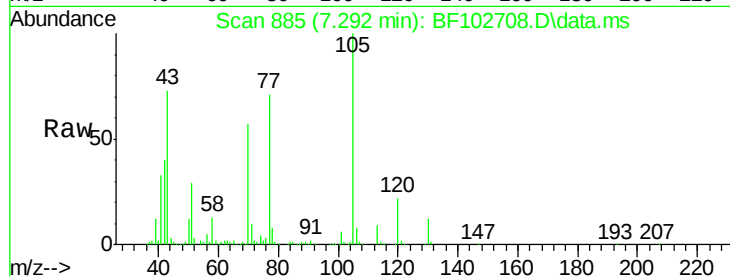




#19
n-Nitroso-di-n-propylamine
Concen: 36.92 ng
RT: 7.292 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

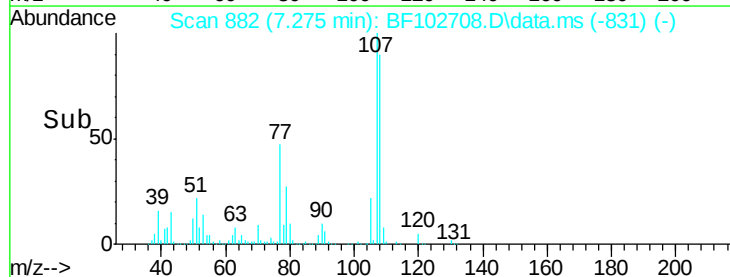
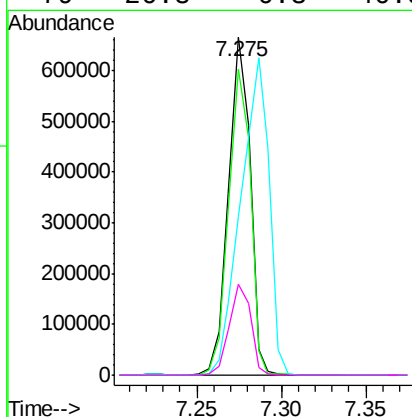
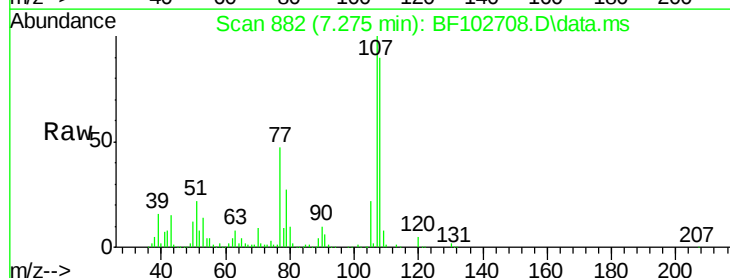
Instrument :
BNA_F
ClientSampleId :

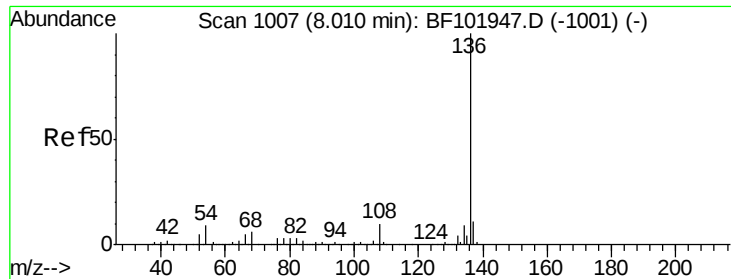
Tot Ion: 70 Resp: 385651
Ion Ratio Lower Upper
70 100
42 70.4 47.5 71.3
101 9.8 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.90 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion: 107 Resp: 593520
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 46.9 26.7 66.7
79 26.8 6.3 46.3

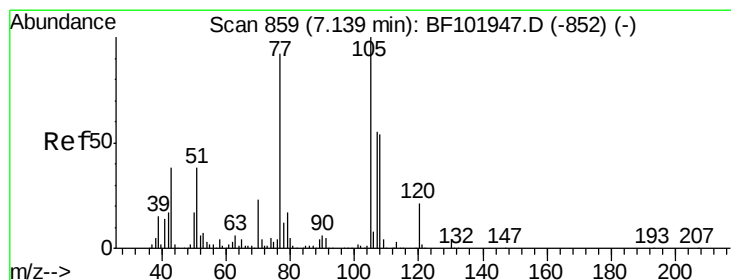
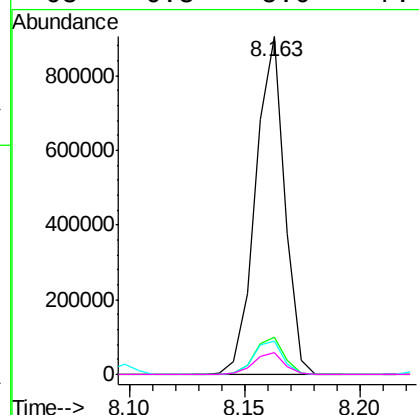
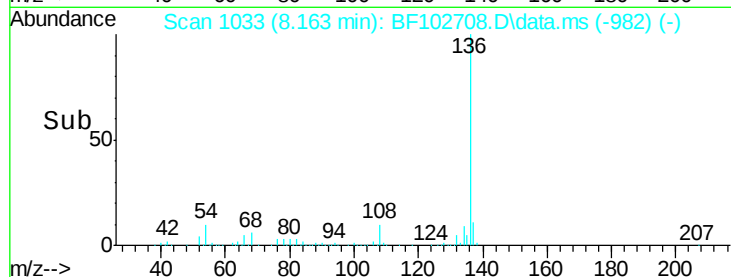
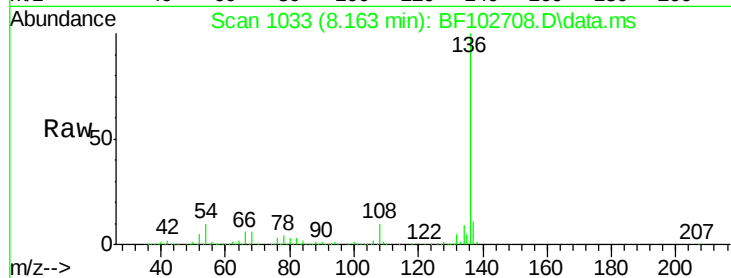




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

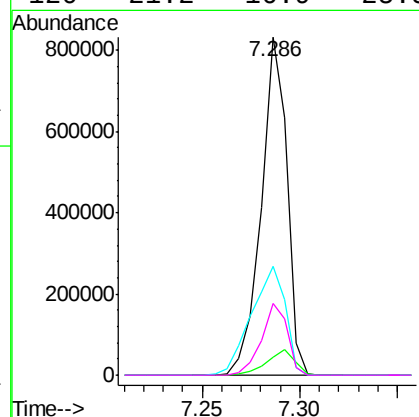
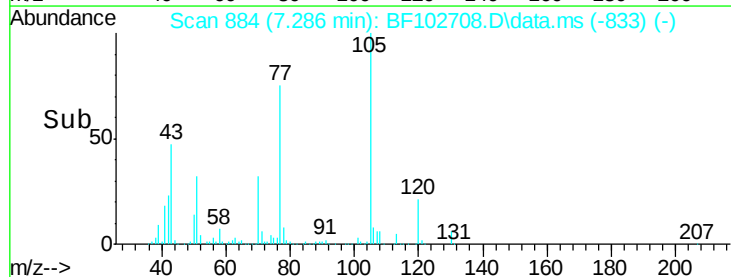
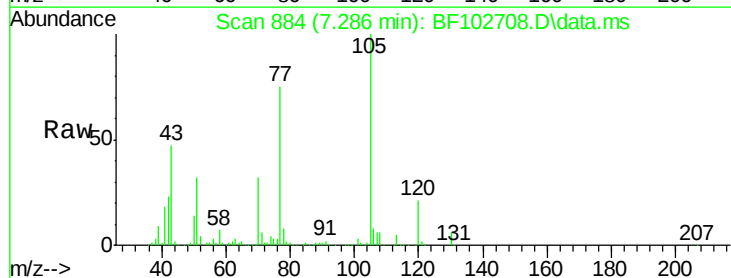
Instrument :
BNA_F
ClientSampleId :

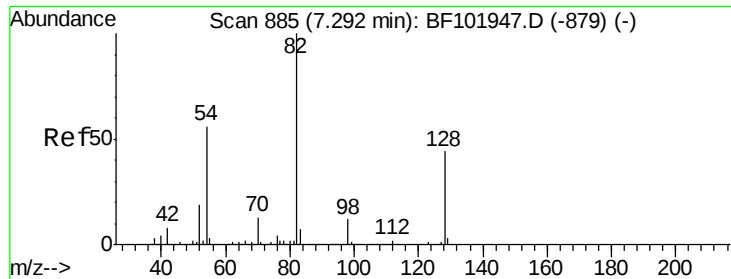
Tot Ion:136	Resp:	798875
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 9.8	6.6	9.8#
68 6.3	5.0	7.4



#22
Acetophenone
Concen: 39.46 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion:105	Resp:	759529
Ion Ratio	Lower	Upper
105 100		
71 5.5	4.4	6.6
51 32.4	22.3	33.5
120 21.2	16.9	25.3





#23

Nitrobenzene-d5

Concen: 70.66 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

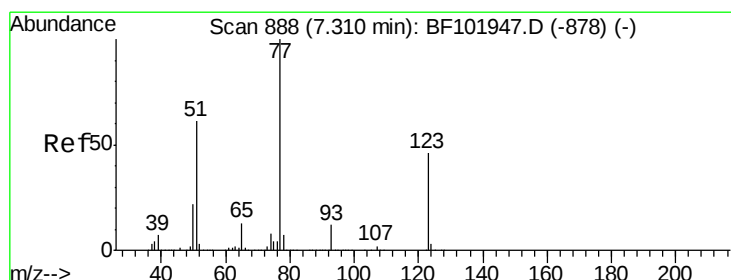
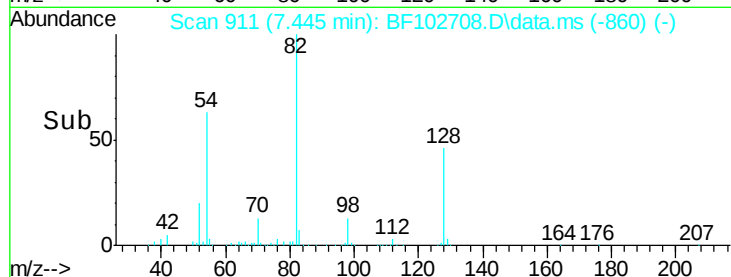
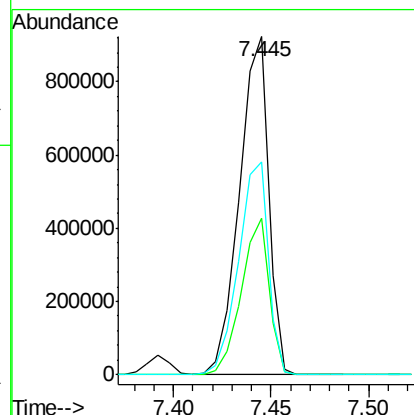
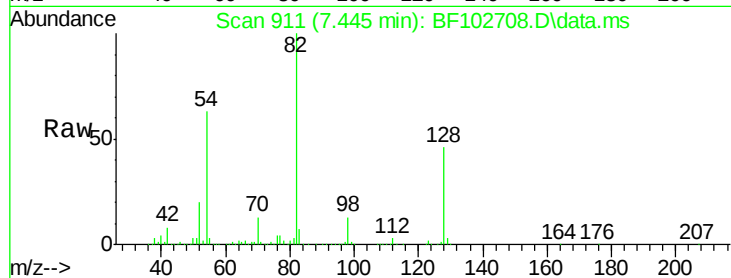
Tot Ion: 82 Resp: 960584

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

54 63.1 41.4 62.2#



#24

Nitrobenzene

Concen: 38.02 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

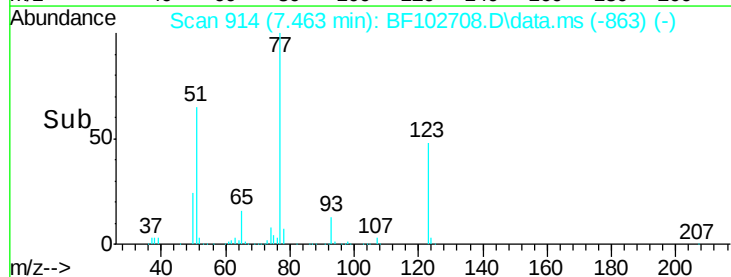
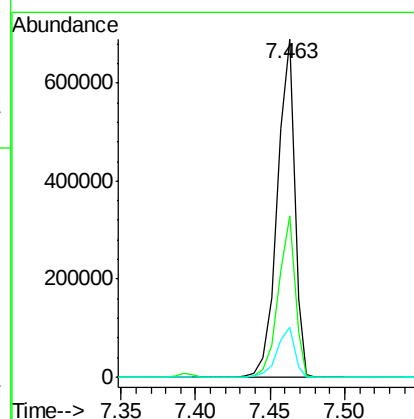
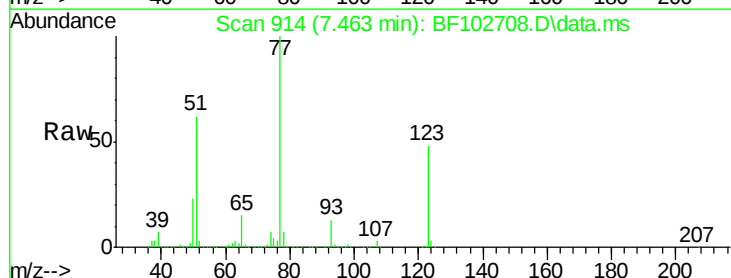
Tgt Ion: 77 Resp: 555381

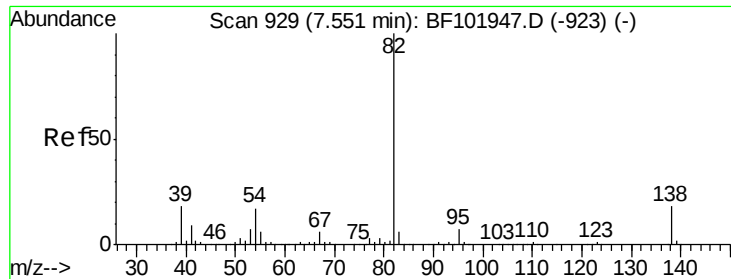
Ion Ratio Lower Upper

77 100

123 47.9 37.9 56.9

65 14.7 11.0 16.4





#25

Isophorone

Concen: 38.77 ng

RT: 7.698 min Scan# 95

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

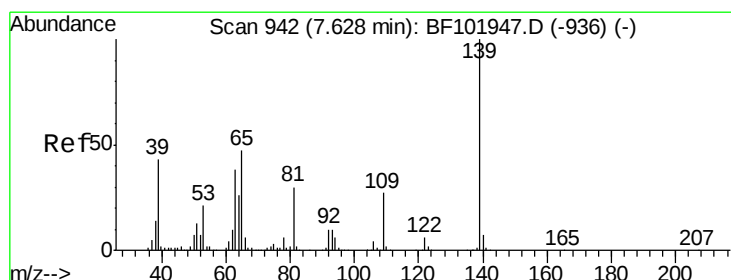
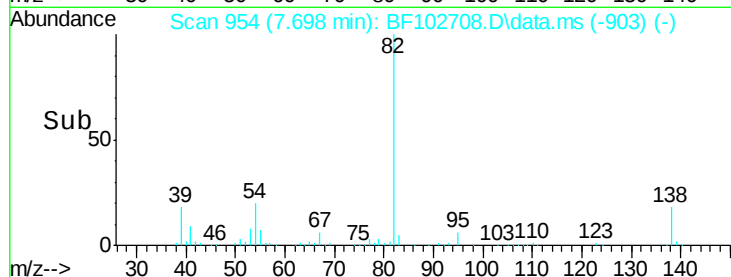
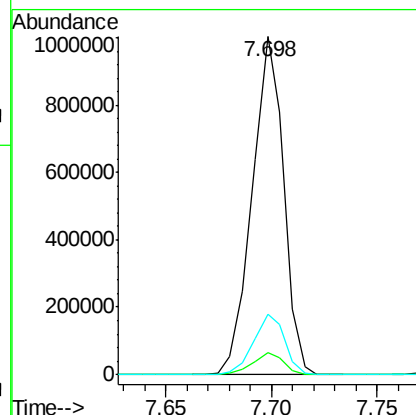
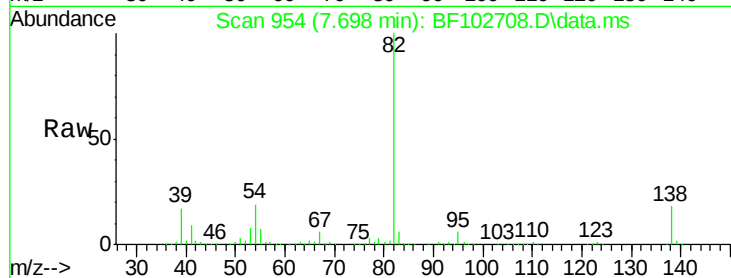
Tot Ion: 82 Resp: 1041379

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 32.16 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

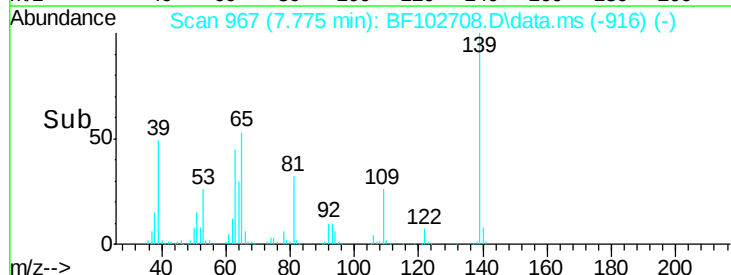
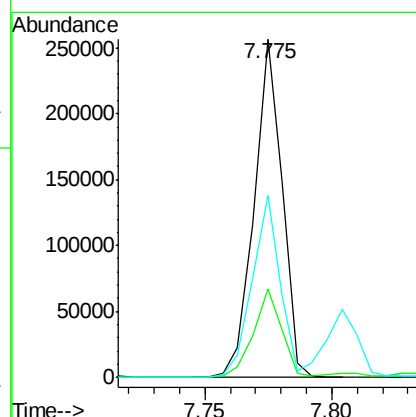
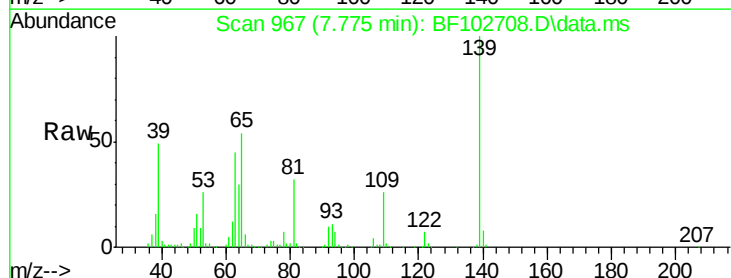
Tgt Ion: 139 Resp: 196650

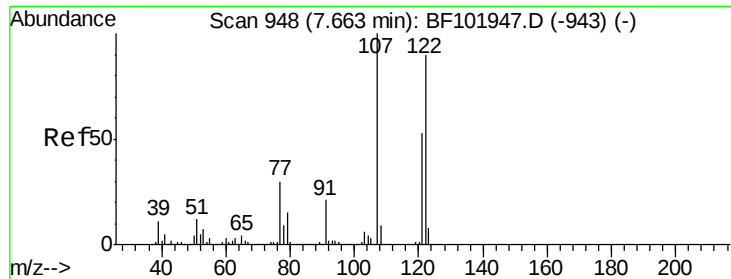
Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

65 54.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.54 ng

RT: 7.804 min Scan# 97

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

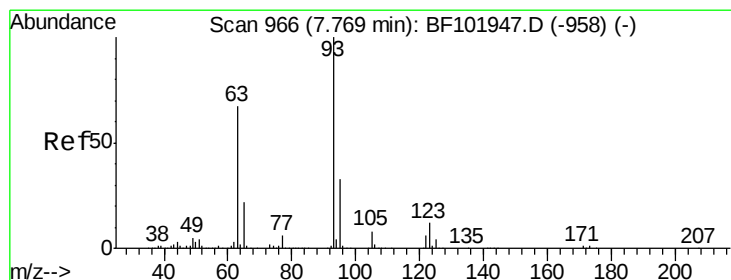
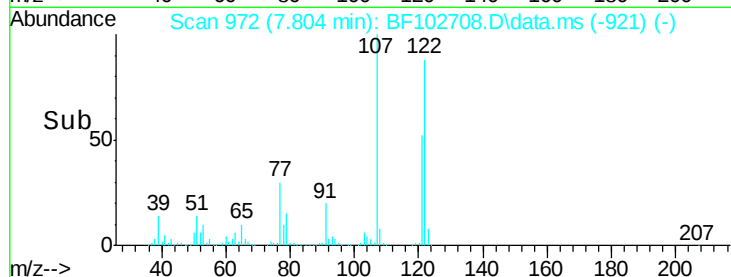
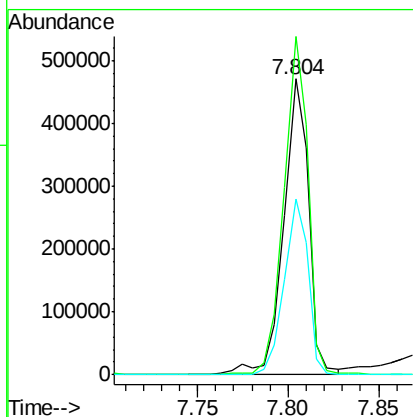
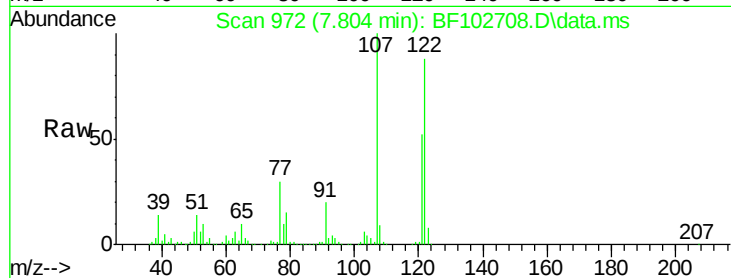
Tot Ion:122 Resp: 451445

Ion Ratio Lower Upper

122 100

107 114.3 91.2 136.8

121 59.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.33 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

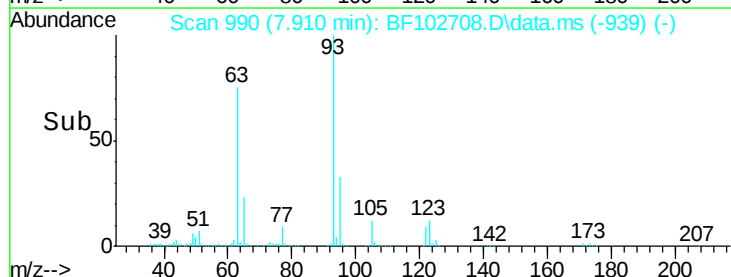
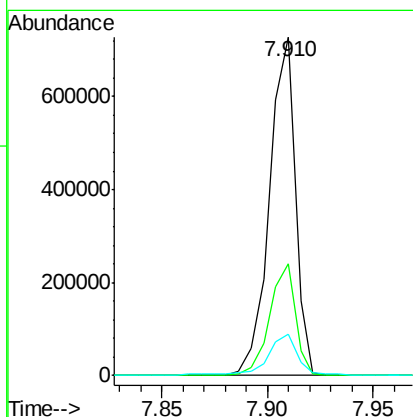
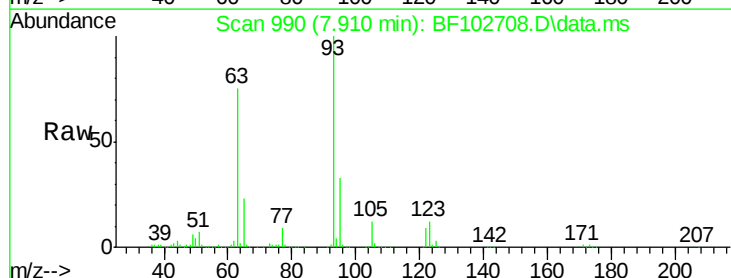
Tgt Ion: 93 Resp: 621609

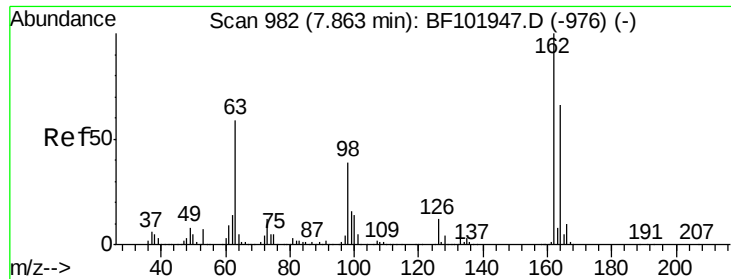
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 12.2 9.8 14.6

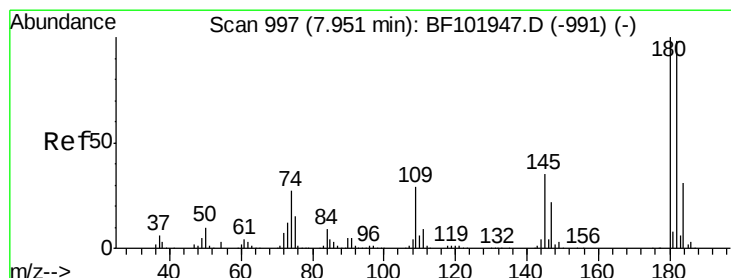
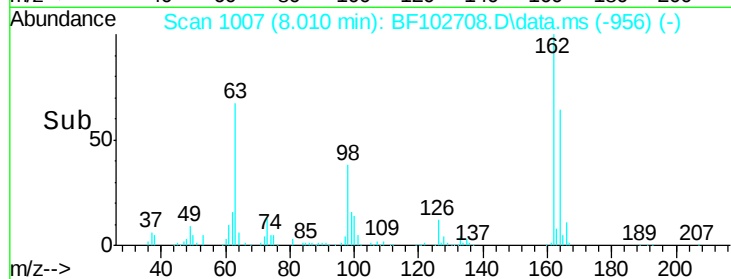
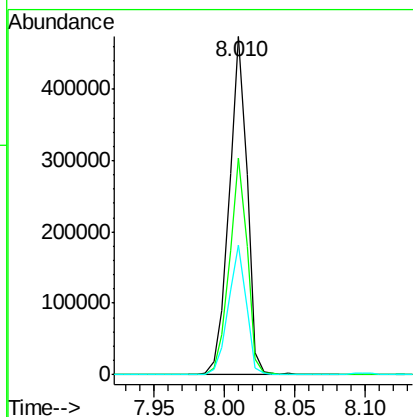
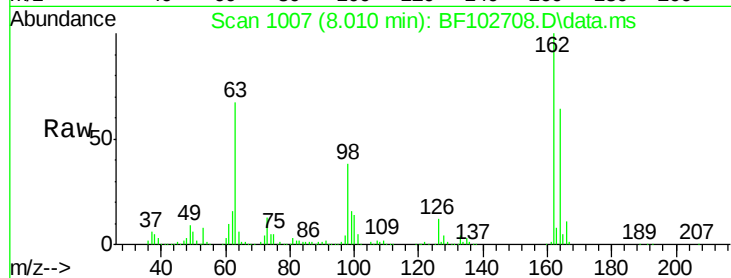




#29
2,4-Dichlorophenol
Concen: 38.56 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

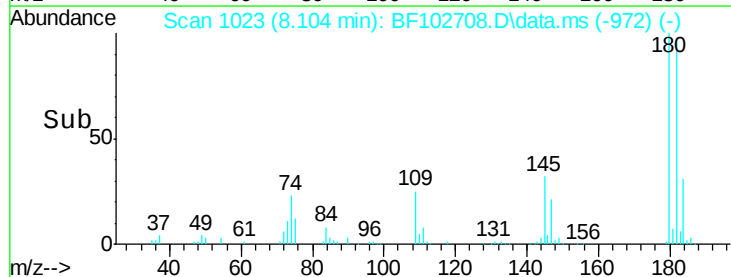
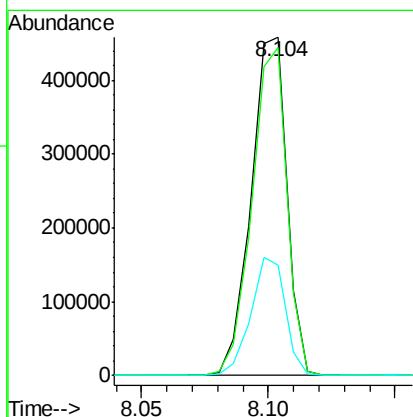
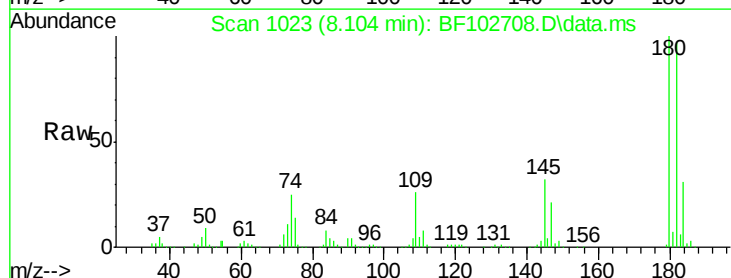
Instrument :
BNA_F
ClientSampleId :

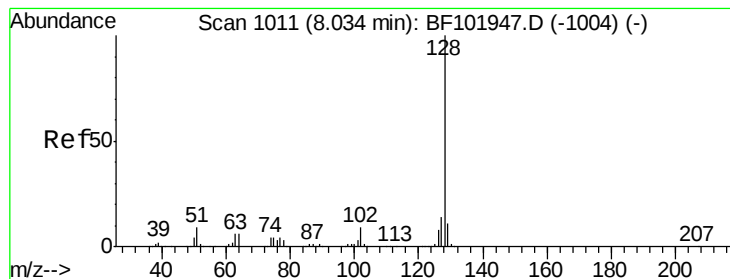
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	38.4	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 39.93 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.8	115.2
145	32.4	26.5	39.7





#31

Naphthalene

Concen: 38.63 ng

RT: 8.186 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

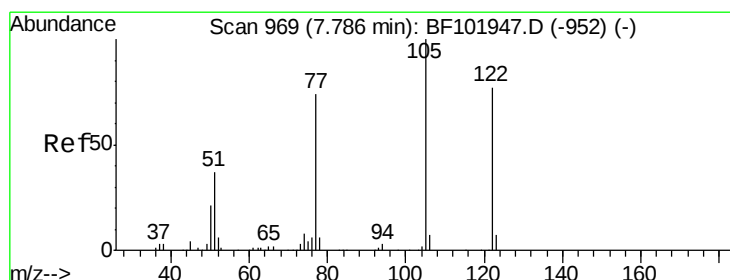
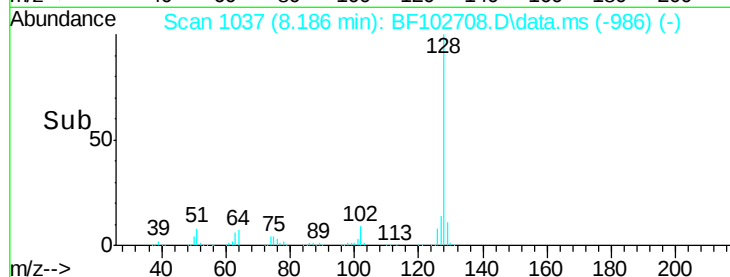
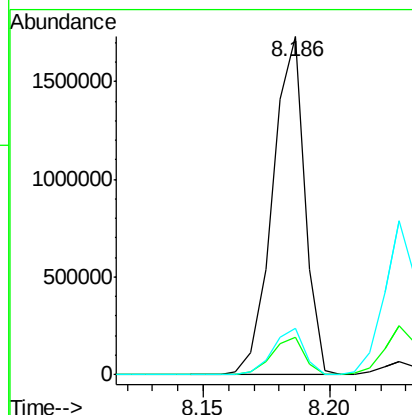
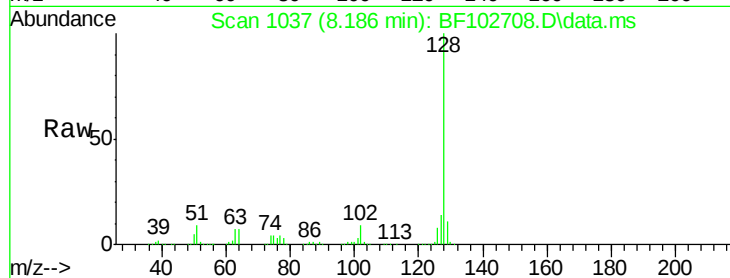
Tot Ion:128 Resp: 1542051

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 32.09 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

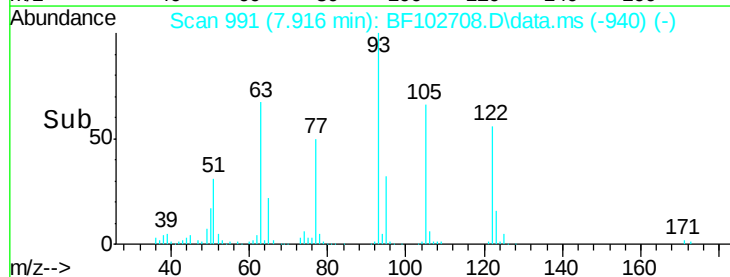
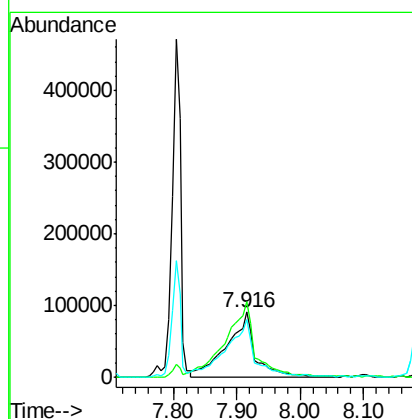
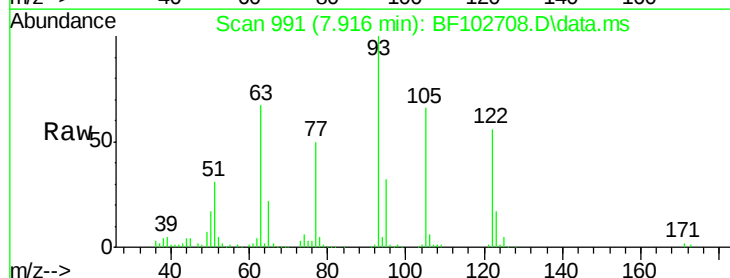
Tgt Ion:122 Resp: 277859

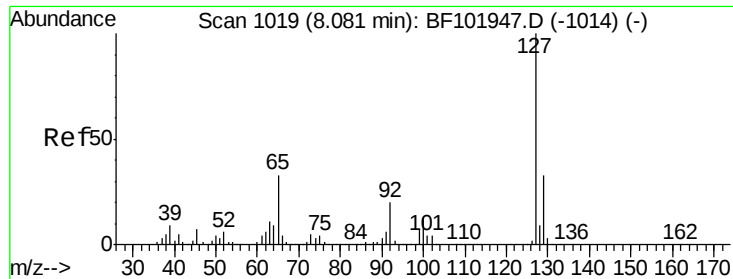
Ion Ratio Lower Upper

122 100

105 116.3 101.1 141.1

77 88.9 70.7 110.7

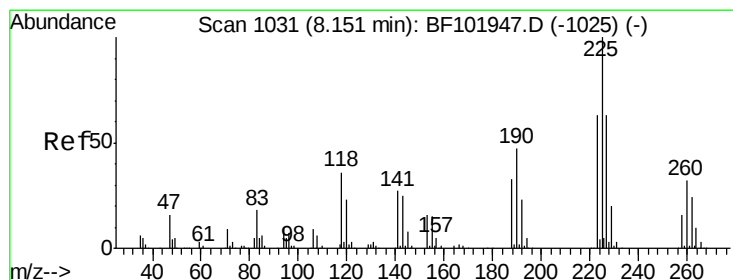
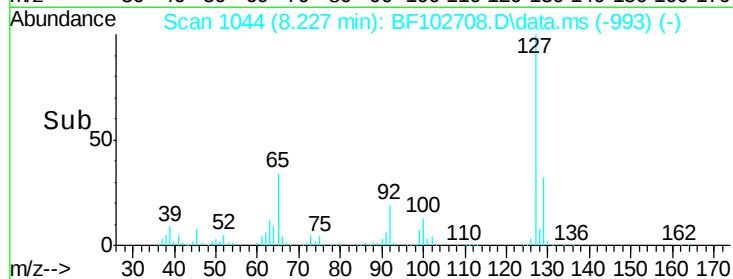
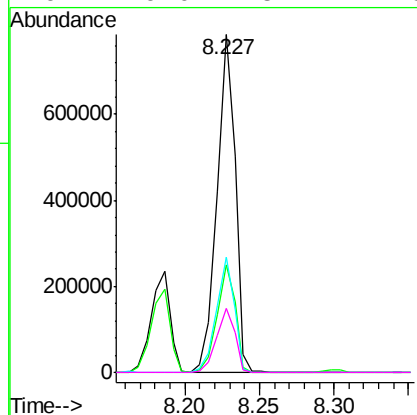
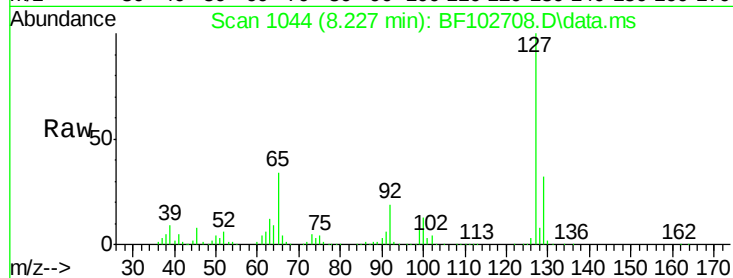




#33
4-Chloroaniline
Concen: 39.17 ng
RT: 8.227 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

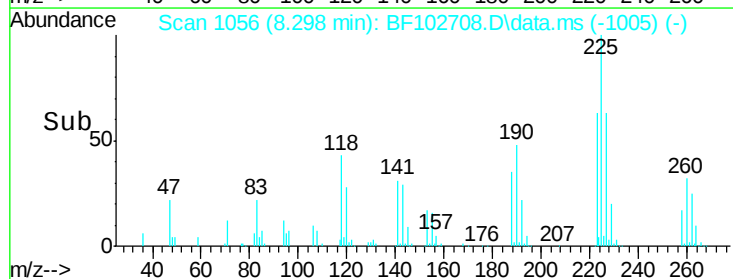
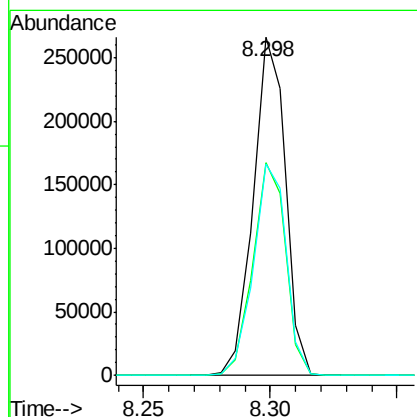
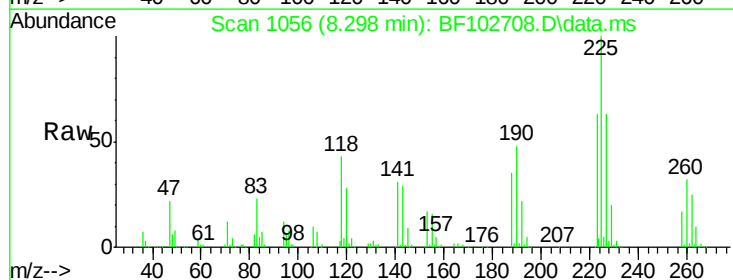
Instrument :
BNA_F
ClientSampleId :

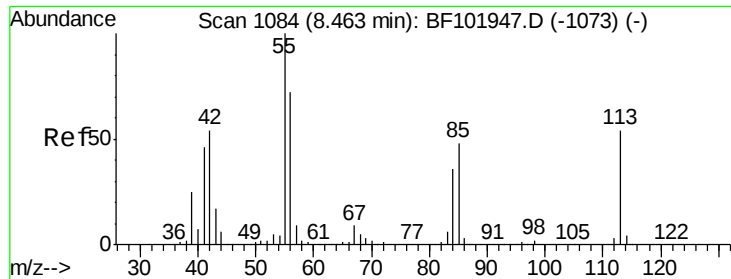
Tot Ion:	127	Resp:	667438
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	34.0	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.18 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion:	225	Resp:	235186
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	62.7	51.9	77.9

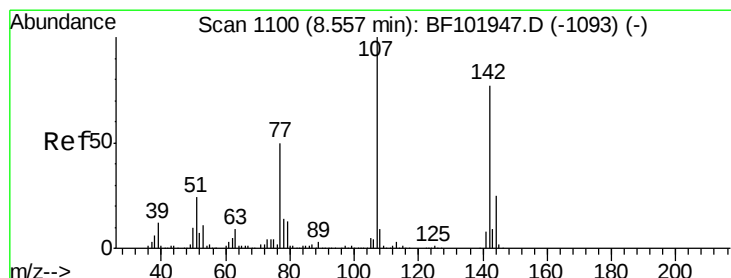
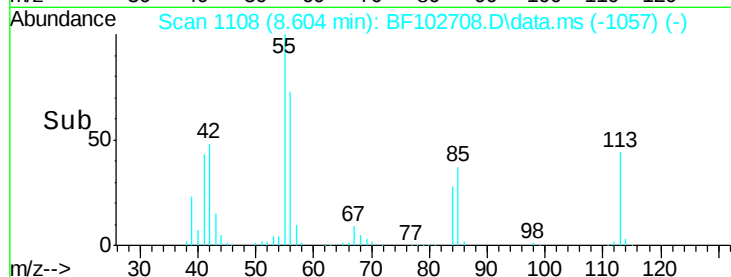
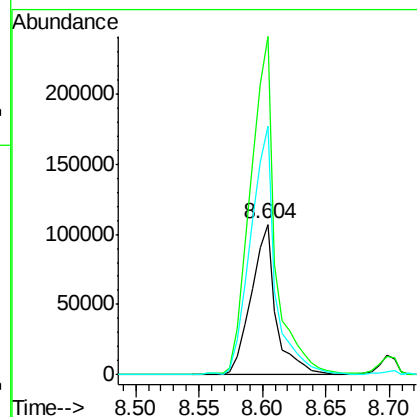
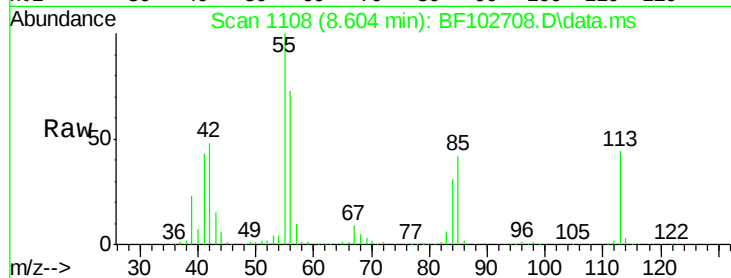




#35
 Caprolactam
 Concen: 39.02 ng
 RT: 8.604 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

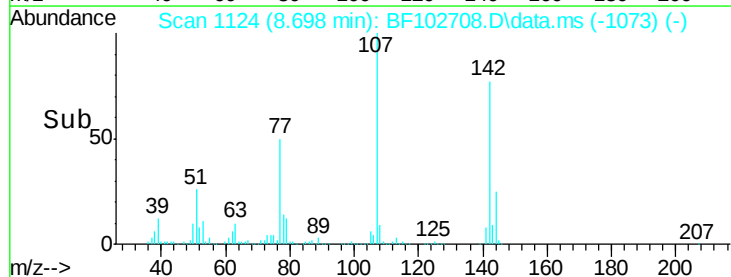
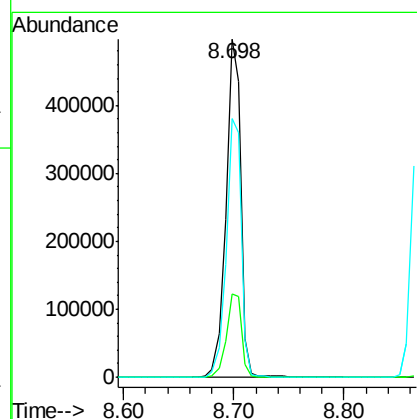
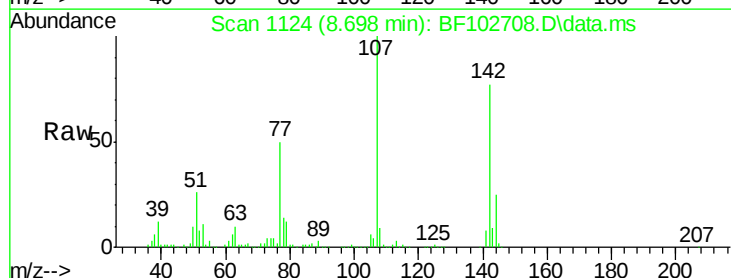
Instrument :
 BNA_F
 ClientSampleId :

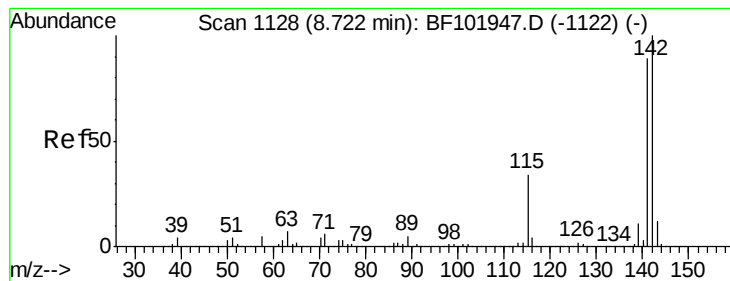
Tot Ion:113 Resp: 145255
 Ion Ratio Lower Upper
 113 100
 55 225.3 163.3 203.3#
 56 165.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.17 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion:107 Resp: 464904
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 76.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.18 ng

RT: 8.874 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

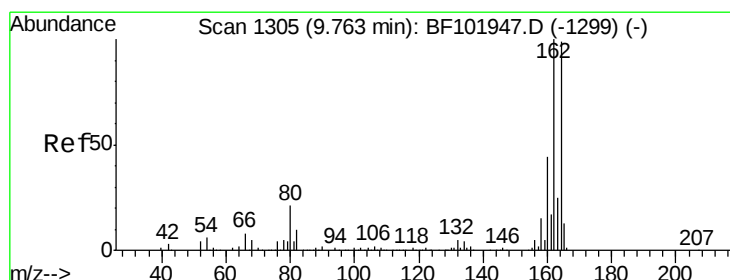
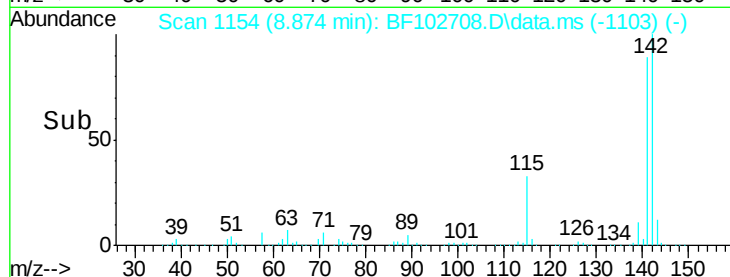
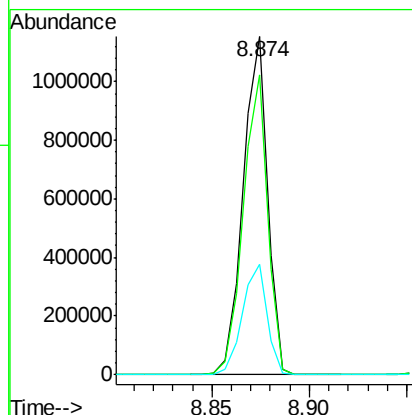
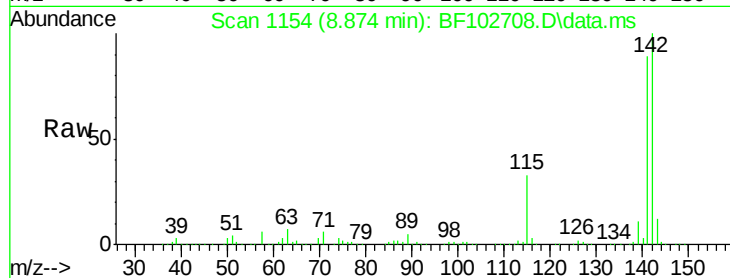
Tot Ion:142 Resp: 1003247

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

115 32.8 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: BF102708.D

Acq: 3 Feb 2018 10:26

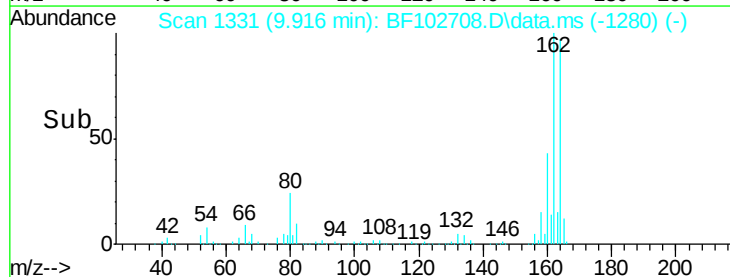
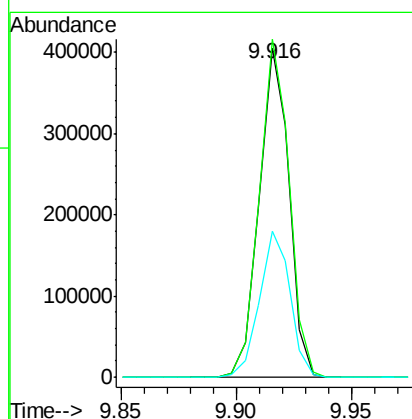
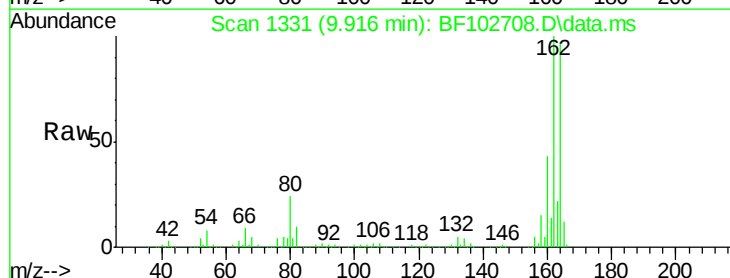
Tgt Ion:164 Resp: 365283

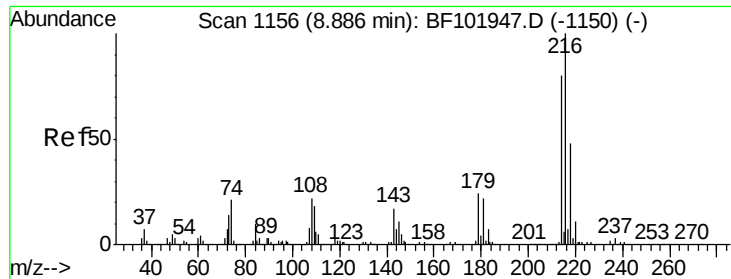
Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

160 44.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.93 ng

RT: 9.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 391956

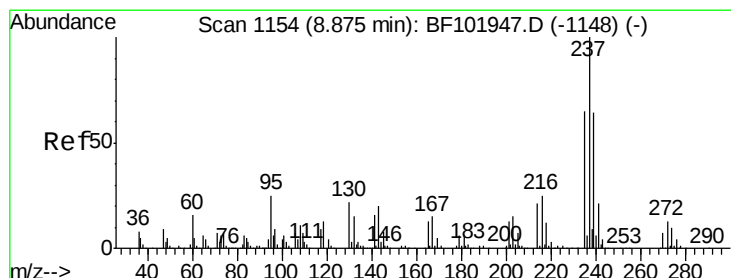
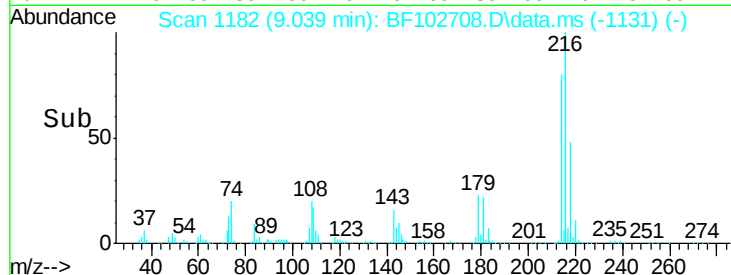
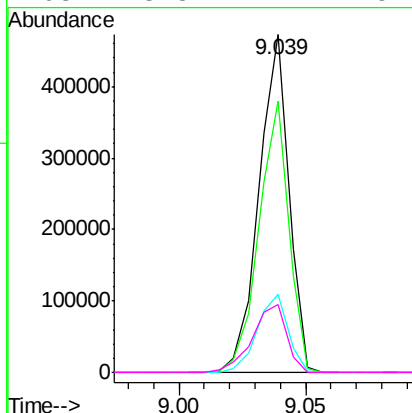
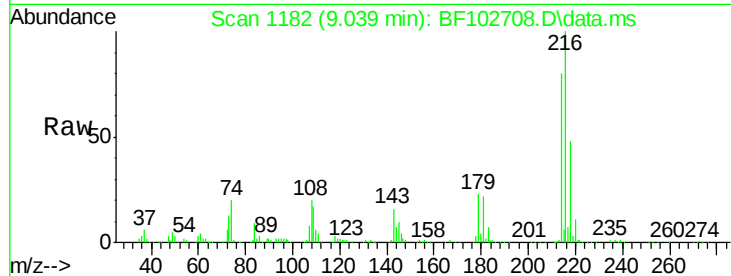
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 23.7 18.1 27.1

108 23.3 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 36.01 ng

RT: 9.027 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

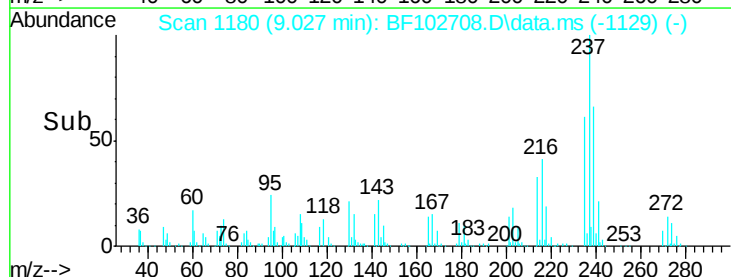
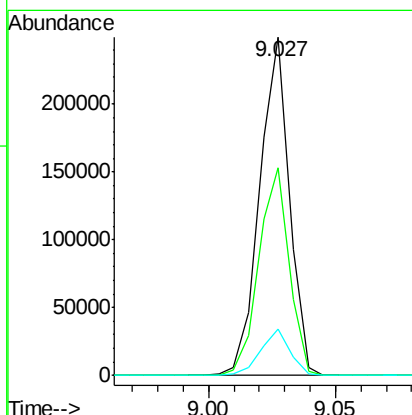
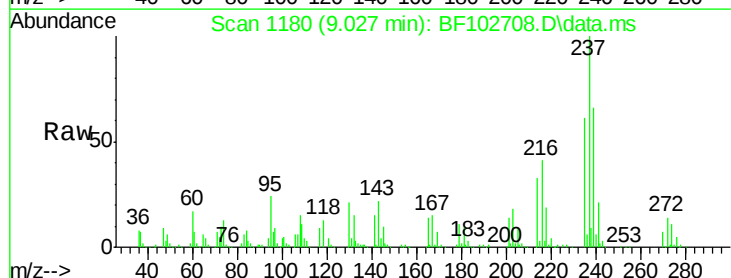
Tgt Ion:237 Resp: 203504

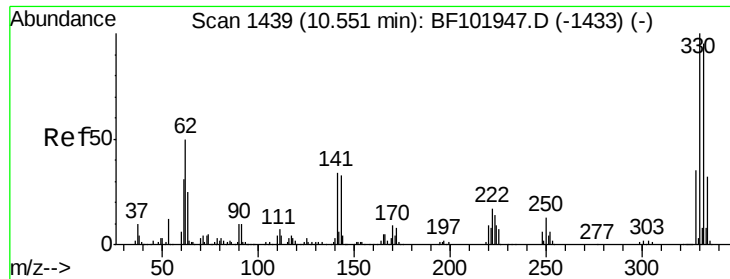
Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

272 13.7 0.0 33.3

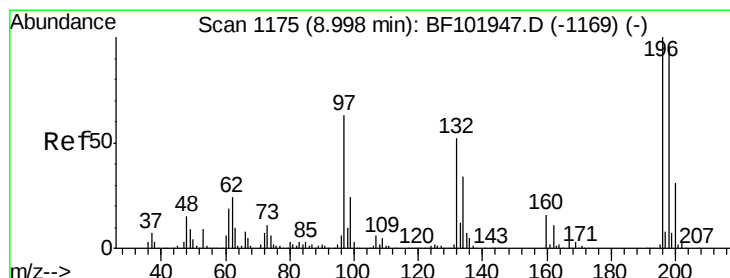
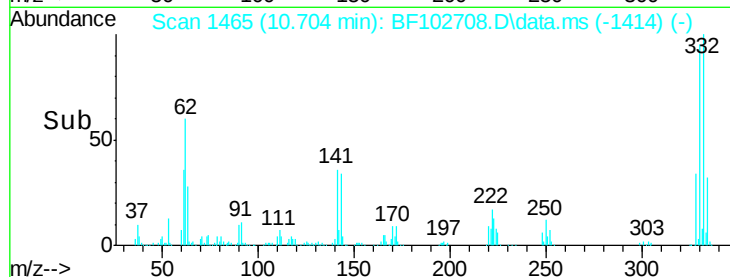
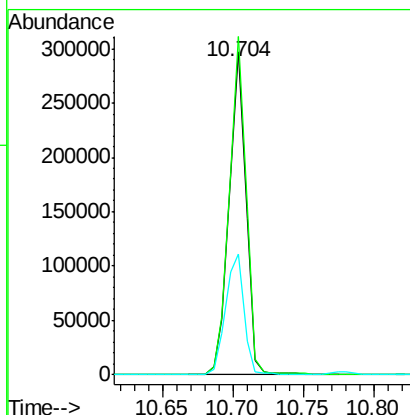
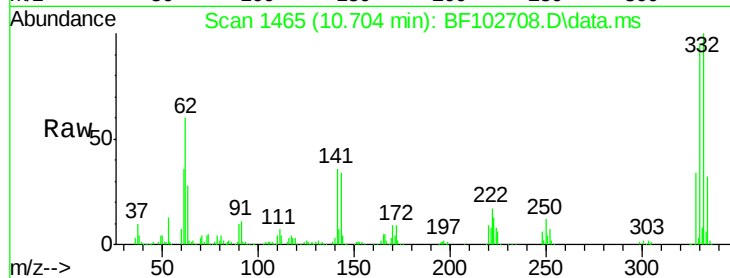




#41
 2,4,6-Tribromophenol
 Concen: 78.28 ng
 RT: 10.704 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

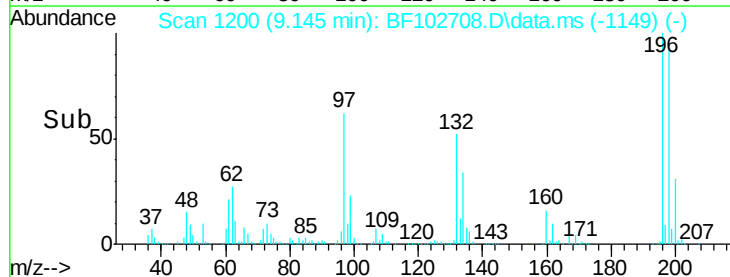
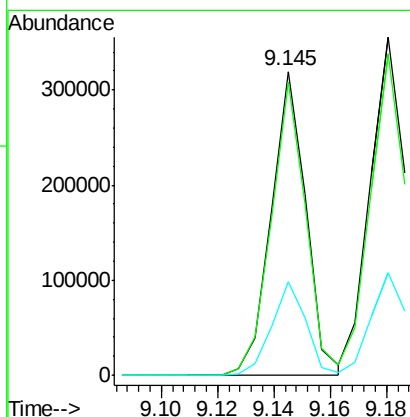
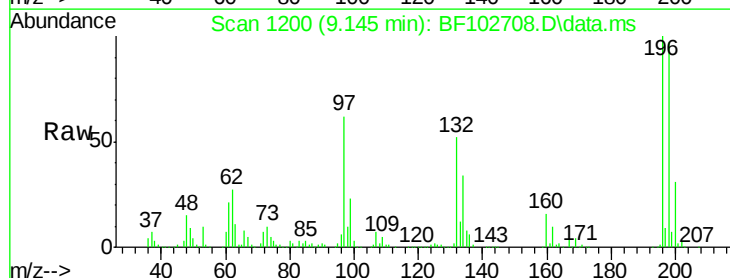
Instrument :
 BNA_F
 ClientSampleId :

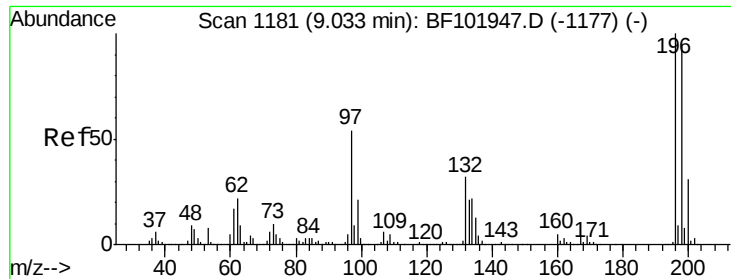
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.0	115.6
141	40.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.12 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.7	113.5
200	30.6	24.5	36.7

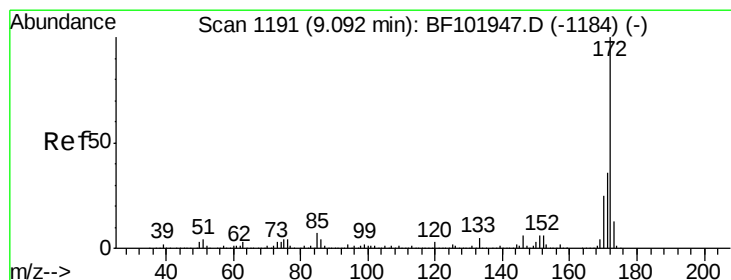
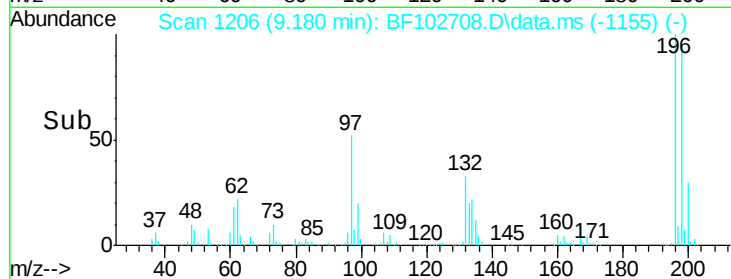
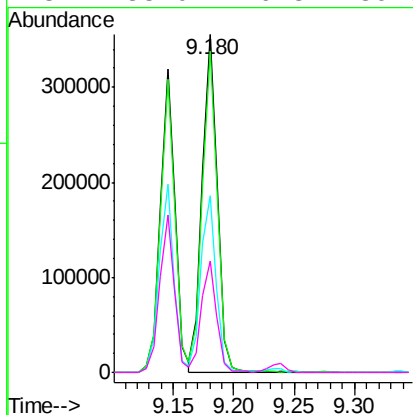
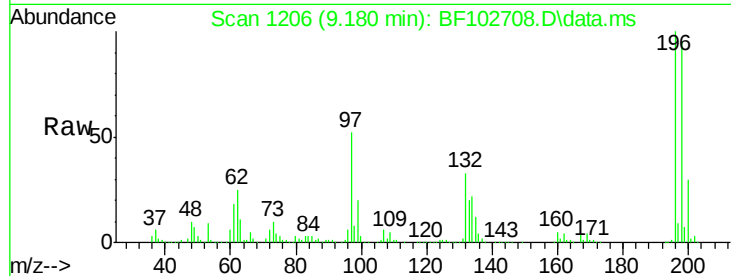




#43
 2,4,5-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.180 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

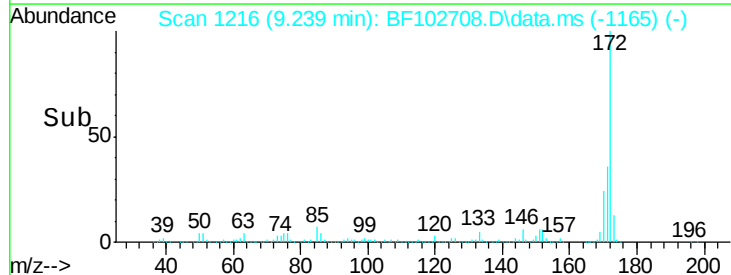
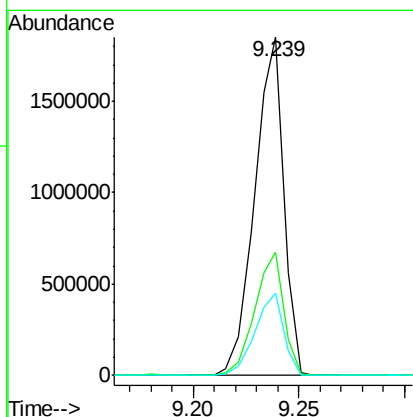
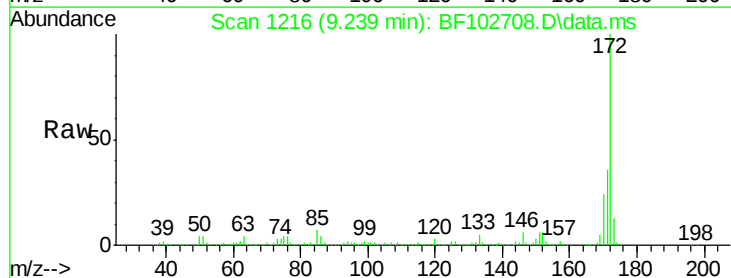
Instrument :
 BNA_F
 ClientSampleId :

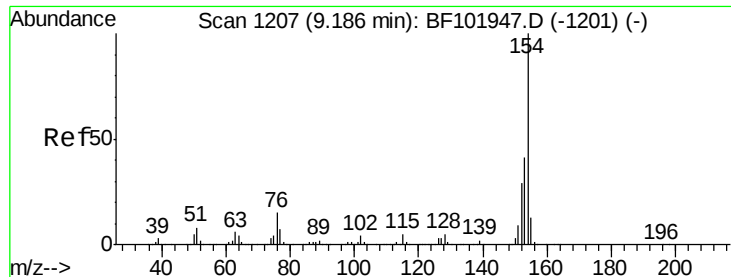
Tot Ion:196 Resp: 313188
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 52.4 42.9 64.3
 132 33.0 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 75.60 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion:172 Resp: 1767641
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 19.6 29.4

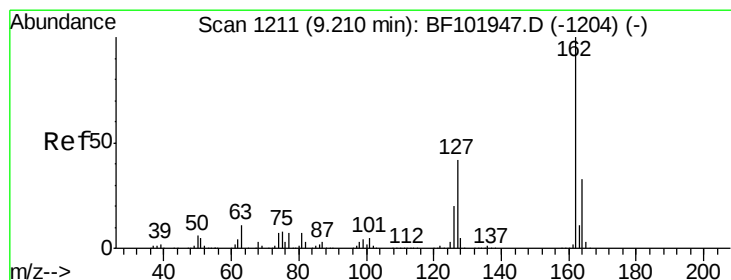
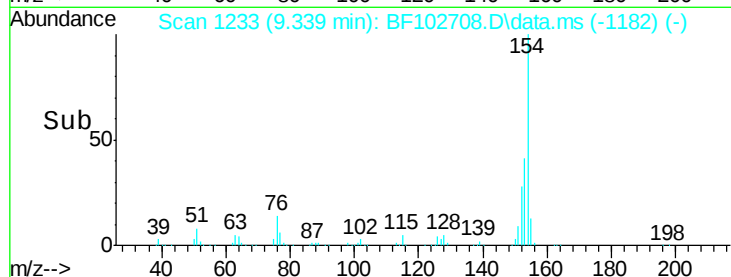
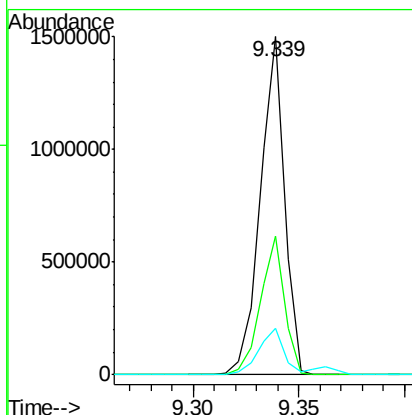
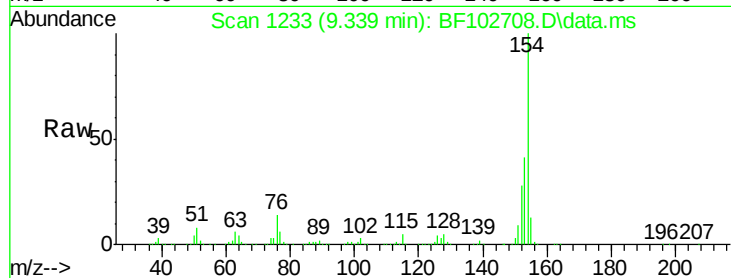




#45
 1,1'-Biphenyl
 Concen: 37.22 ng
 RT: 9.339 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

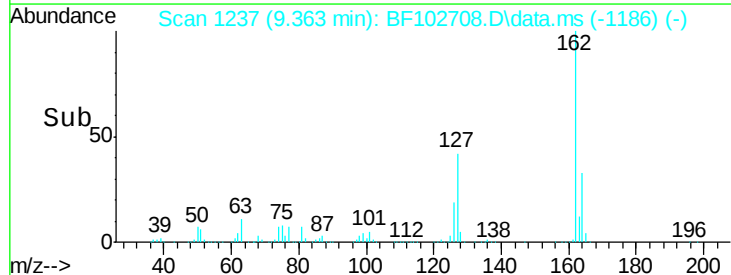
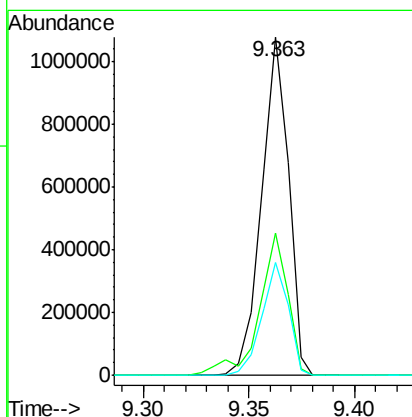
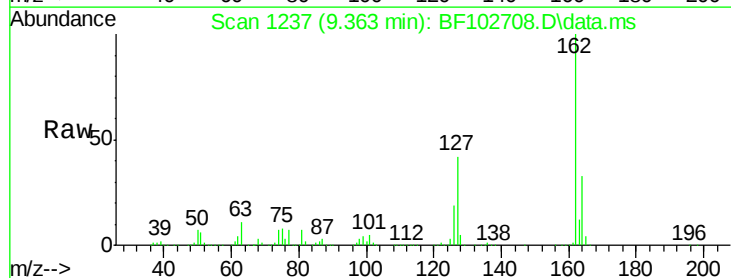
Instrument :
 BNA_F
 ClientSampleId :

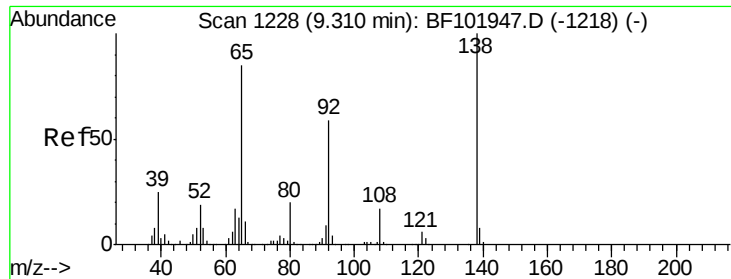
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.8	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 38.23 ng
 RT: 9.363 min Scan# 1237
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	33.4	26.5	39.7

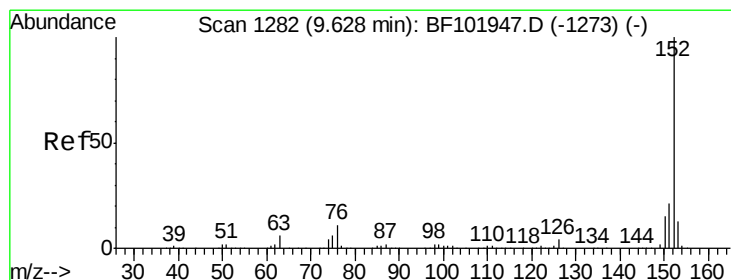
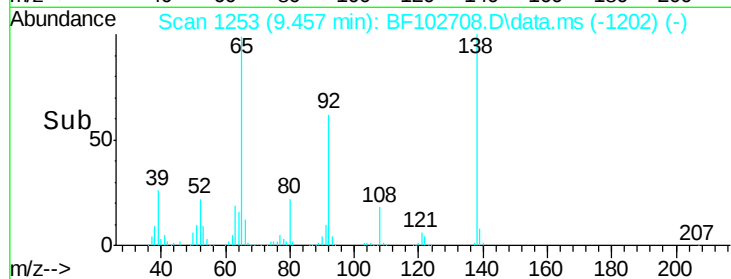
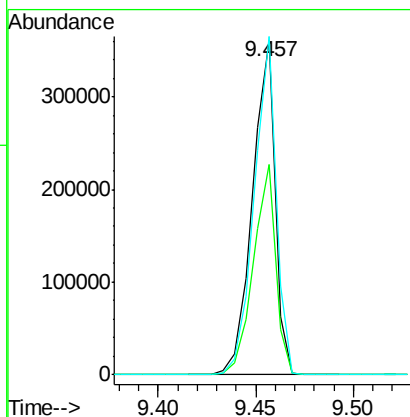
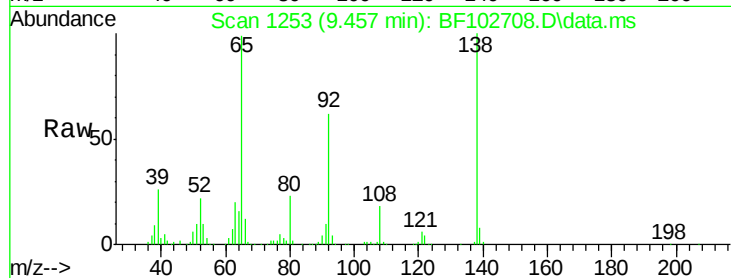




#47
2-Nitroaniline
Concen: 38.78 ng
RT: 9.457 min Scan# 12
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

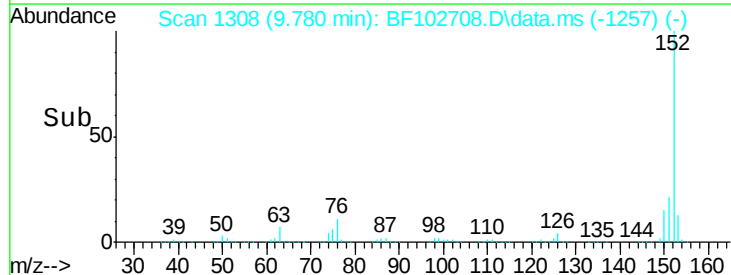
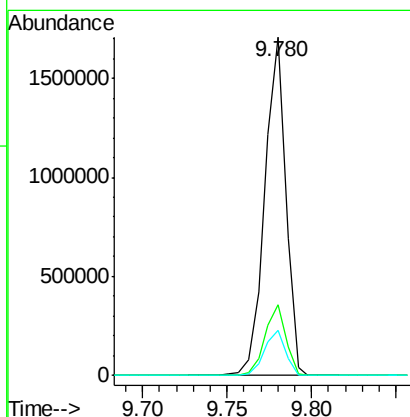
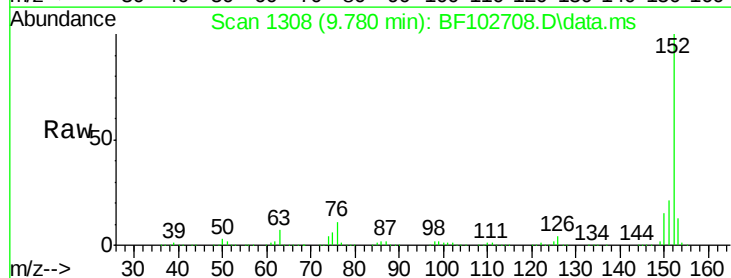
Instrument :
BNA_F
ClientSampleId :

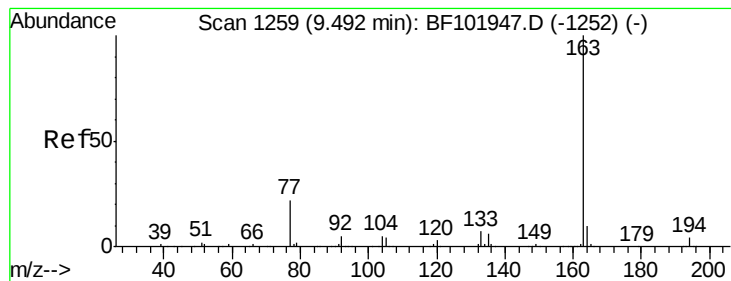
Tot Ion: 65 Resp: 290807
Ion Ratio Lower Upper
65 100
92 63.1 55.8 83.6
138 101.2 91.2 136.8



#48
Acenaphthylene
Concen: 37.16 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion: 152 Resp: 1476358
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 37.97 ng

RT: 9.639 min Scan# 12

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

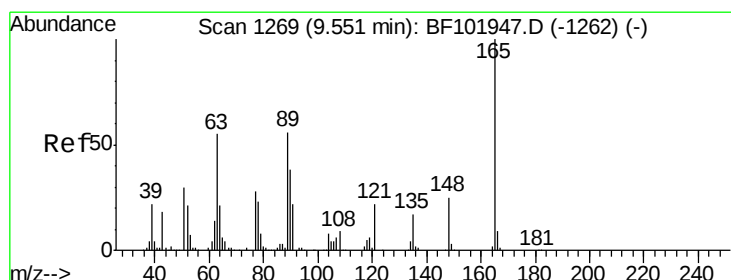
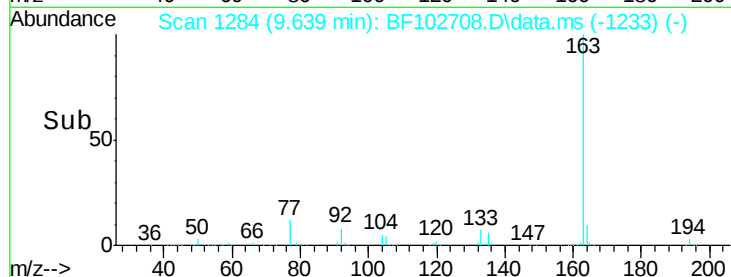
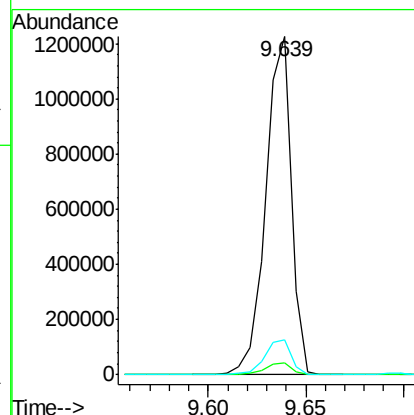
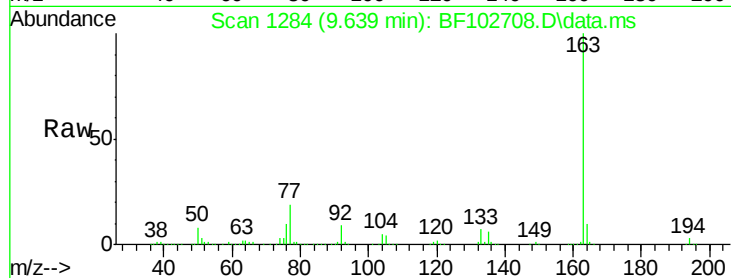
Tot Ion:163 Resp: 1112564

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.1 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 38.73 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

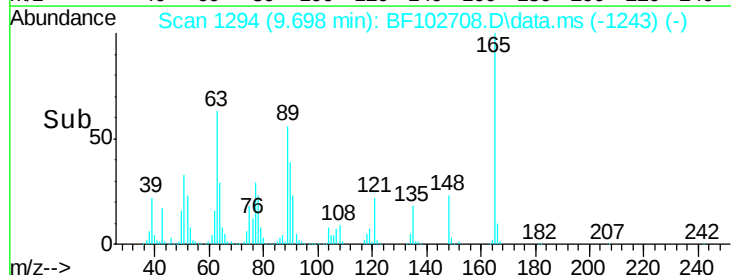
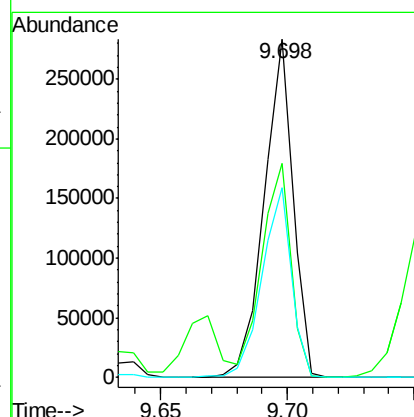
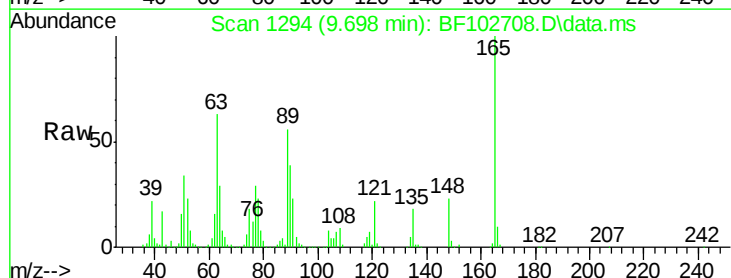
Tgt Ion:165 Resp: 226715

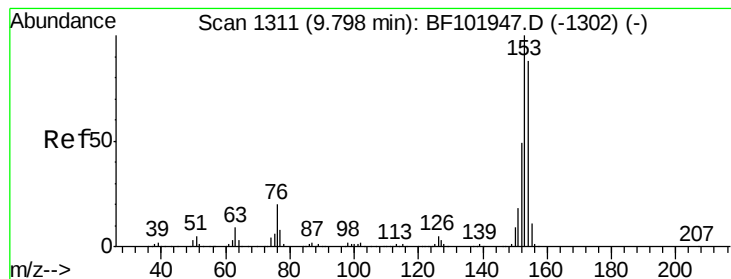
Ion Ratio Lower Upper

165 100

63 63.2 44.7 67.1

89 55.9 44.0 66.0





#51

Acenaphthene

Concen: 36.41 ng

RT: 9.951 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

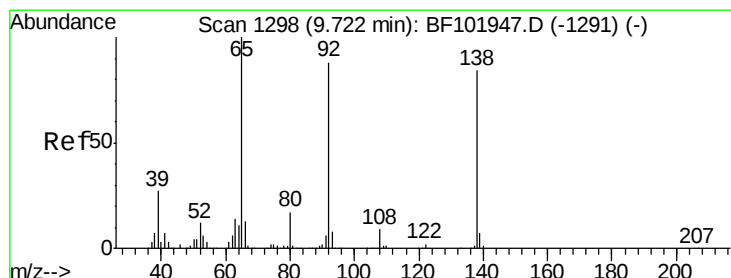
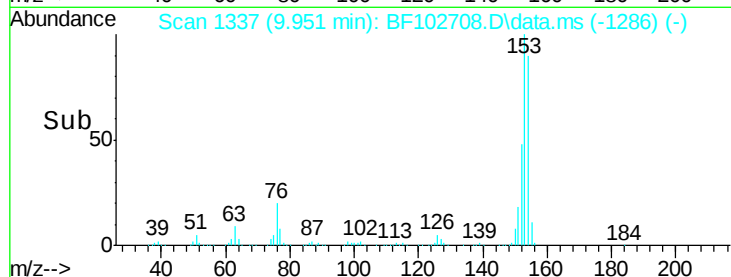
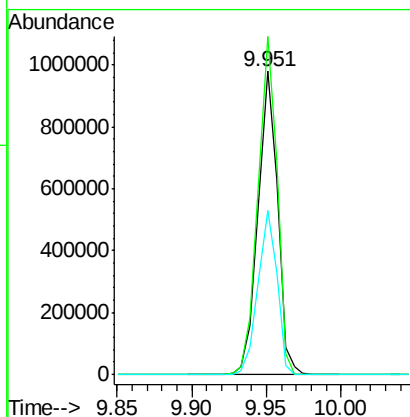
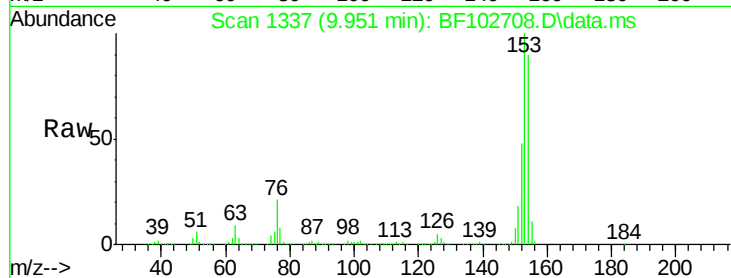
Tot Ion:154 Resp: 878043

Ion Ratio Lower Upper

154 100

153 111.5 91.2 136.8

152 54.1 43.8 65.8



#52

3-Nitroaniline

Concen: 37.48 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

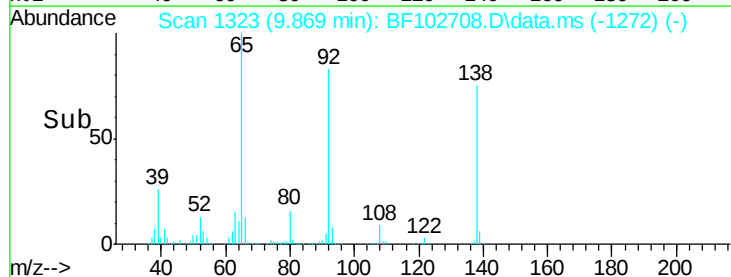
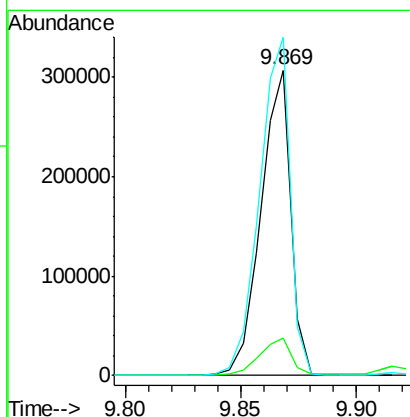
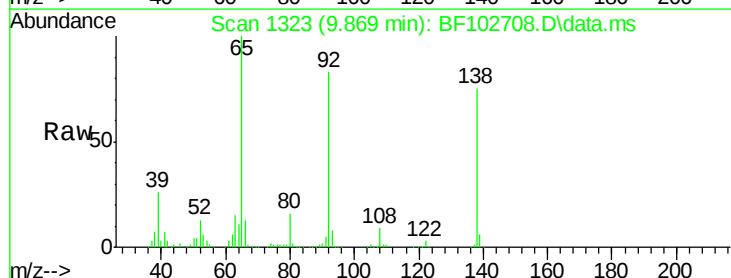
Tgt Ion:138 Resp: 276877

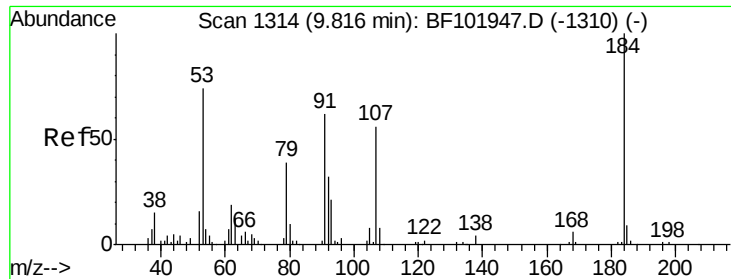
Ion Ratio Lower Upper

138 100

108 12.3 9.4 14.0

92 110.7 89.4 134.2

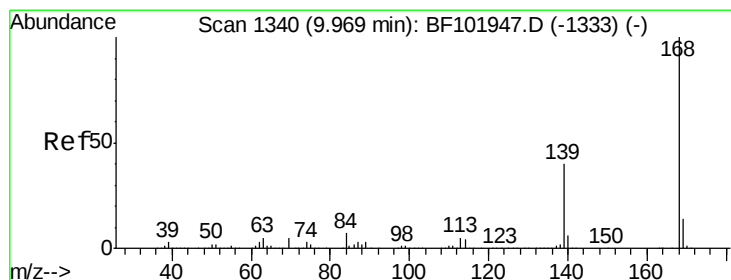
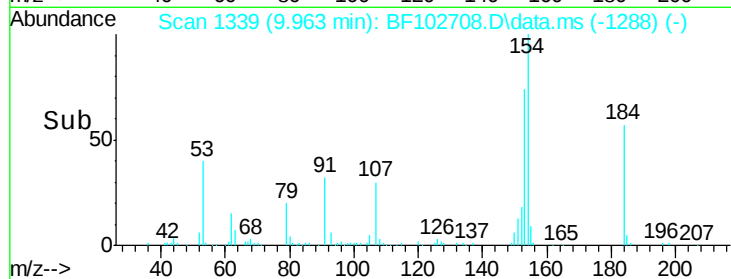
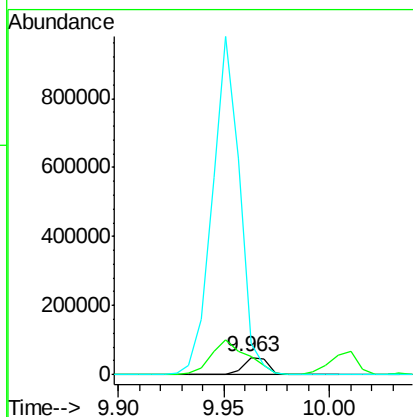
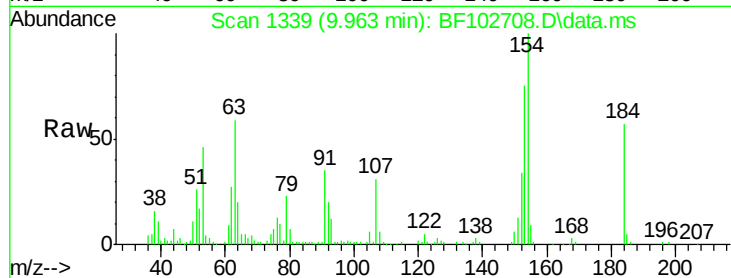




#53
2,4-Dinitrophenol
Concen: 22.94 ng
RT: 9.963 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

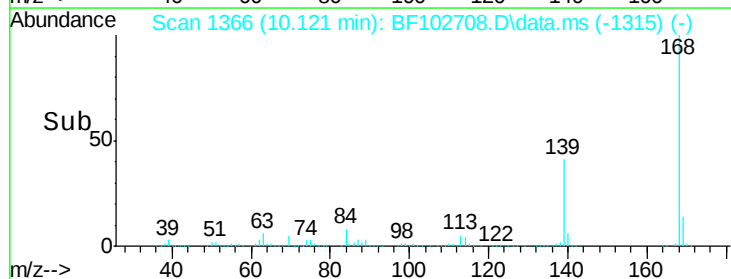
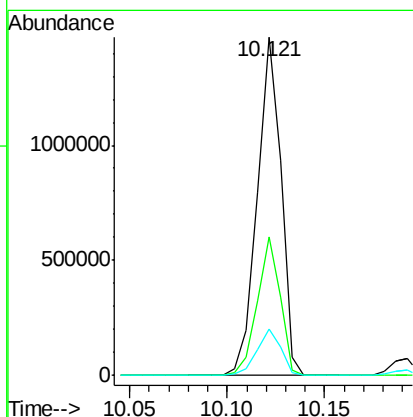
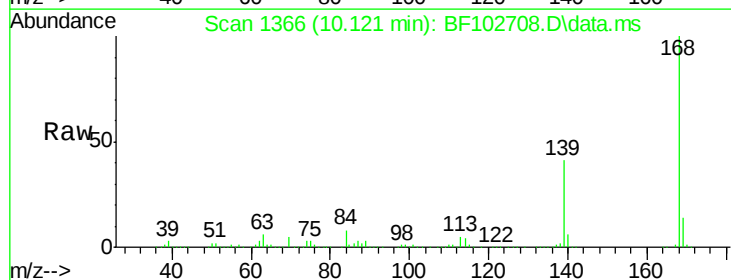
Instrument :
BNA_F
ClientSampleId :

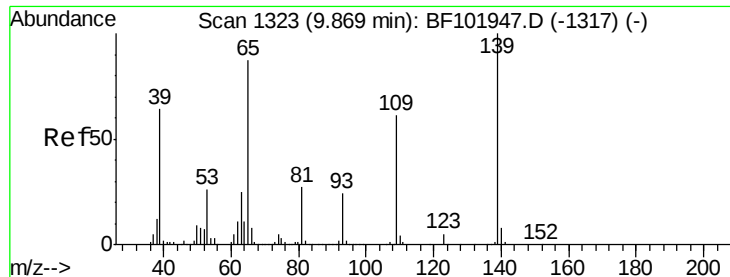
Tot Ion:184 Resp: 40909
Ion Ratio Lower Upper
184 100
63 102.3 54.2 81.2#
154 174.6 184.0 276.0#



#54
Dibenzofuran
Concen: 37.41 ng
RT: 10.121 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion:168 Resp: 1238231
Ion Ratio Lower Upper
168 100
139 40.8 30.1 45.1
169 13.5 10.9 16.3

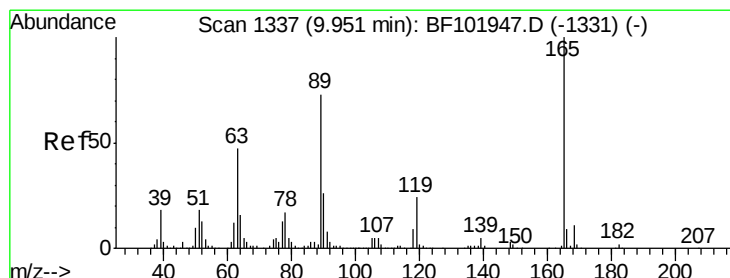
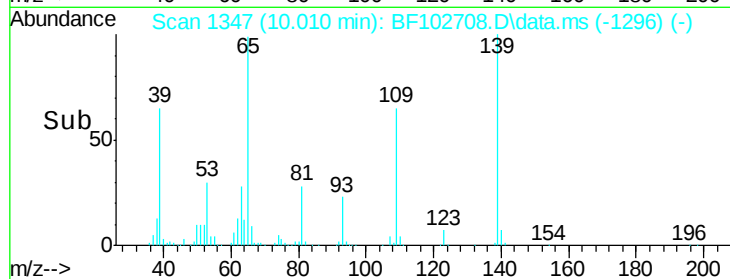
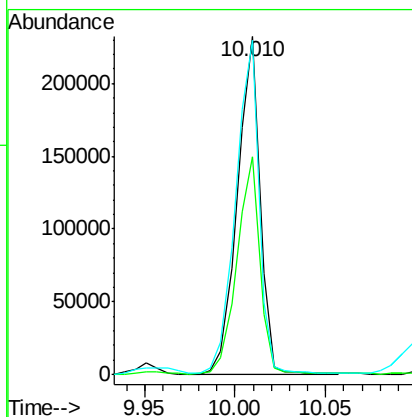
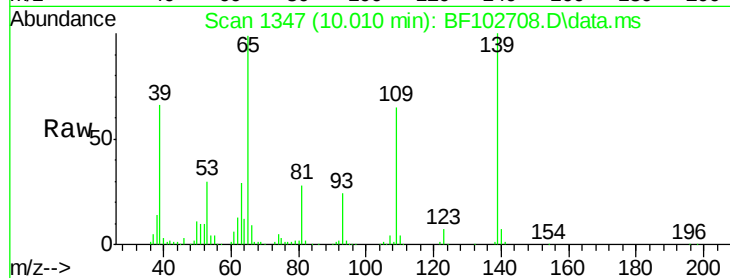




#55
4-Nitrophenol
Concen: 36.93 ng
RT: 10.010 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

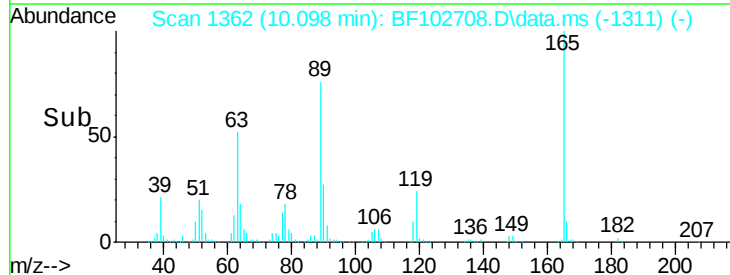
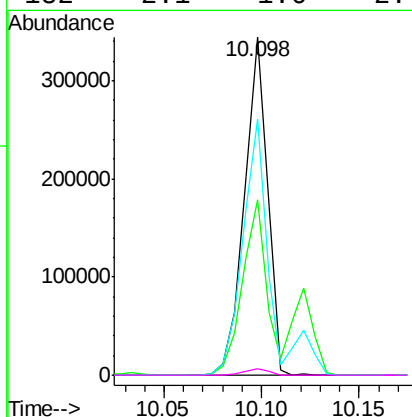
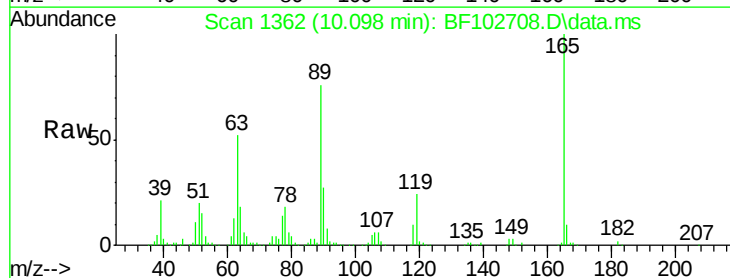
Instrument :
BNA_F
ClientSampleId :

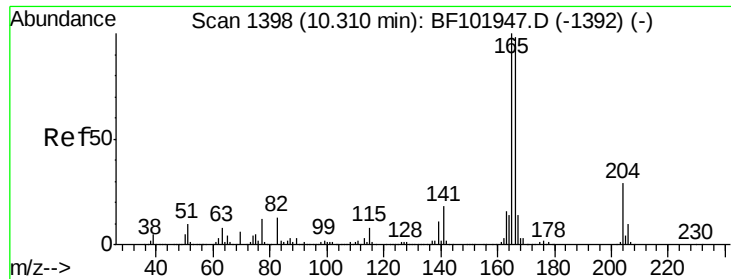
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.6	48.4	88.4
65	99.0	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 38.61 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	36.4	54.6
89	75.8	57.8	86.6
182	2.1	1.6	2.4

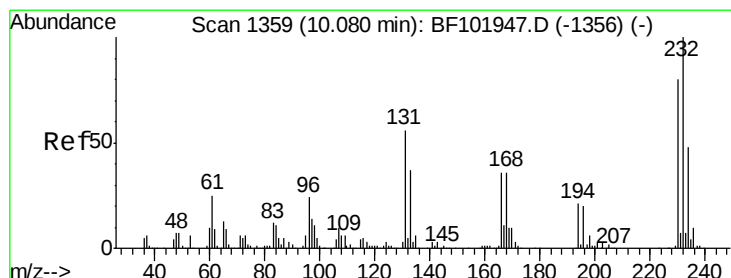
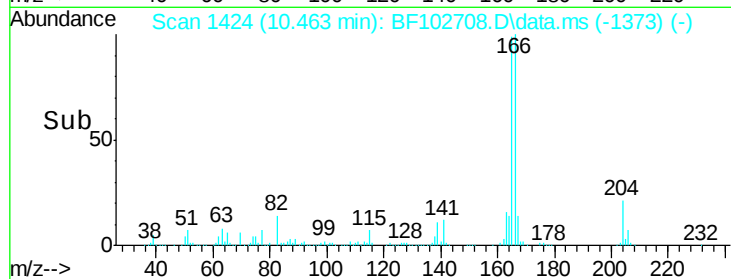
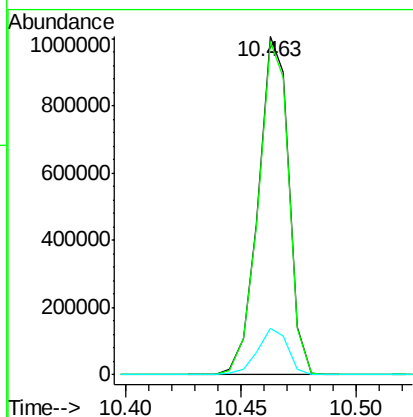
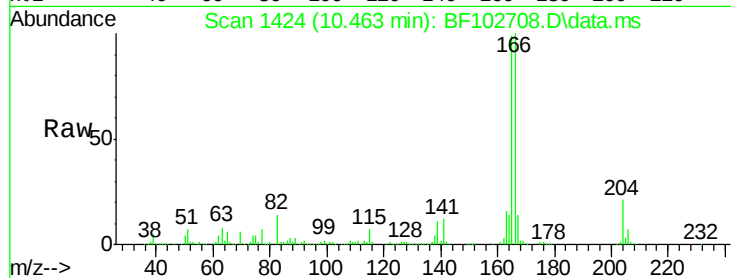




#57
 Fluorene
 Concen: 40.42 ng
 RT: 10.463 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

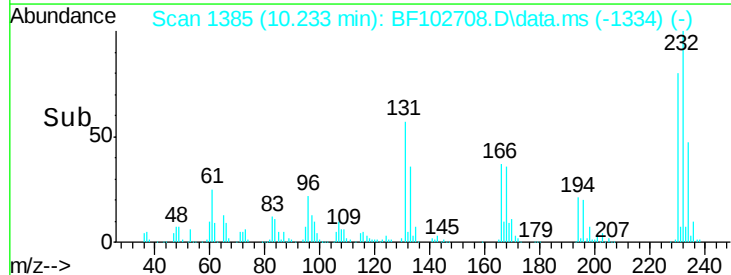
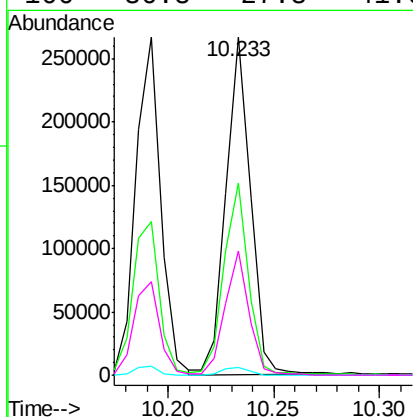
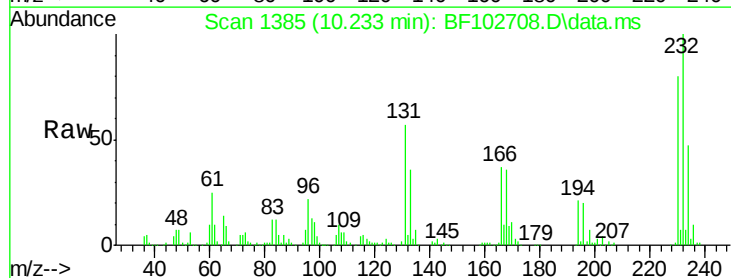
Instrument :
 BNA_F
 ClientSampleId :

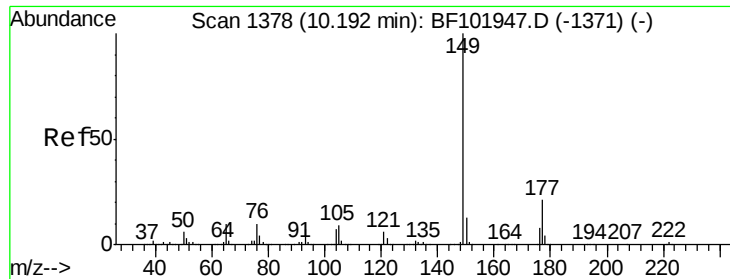
Tot Ion	166	Resp	924873
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.25 ng
 RT: 10.233 min Scan# 1385
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion	232	Resp	213458
Ion Ratio	Lower	Upper	
232	100		
131	56.5	43.8	65.8
130	2.7	2.1	3.1
166	36.8	27.8	41.6

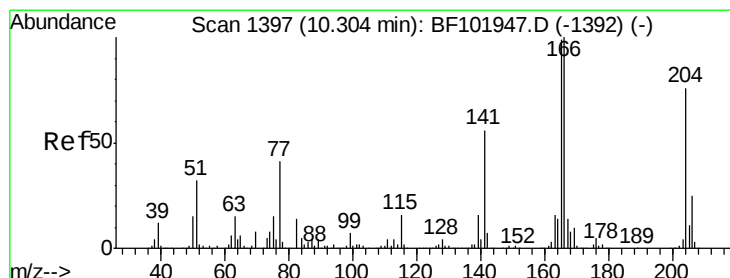
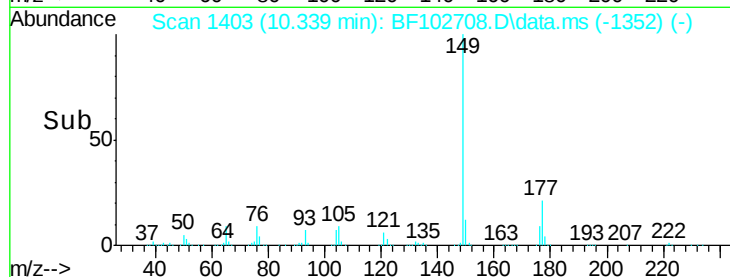
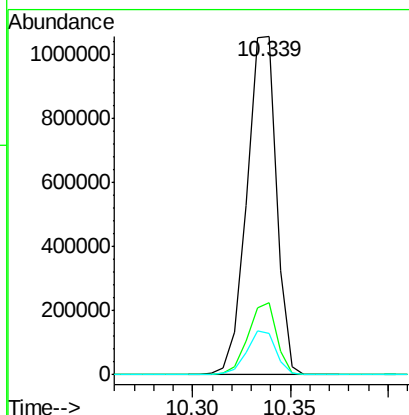
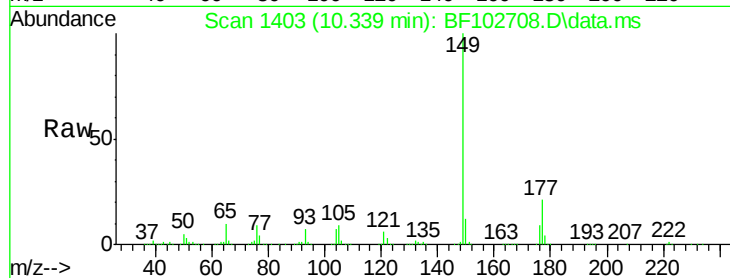




#59
Diethylphthalate
Concen: 38.05 ng
RT: 10.339 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

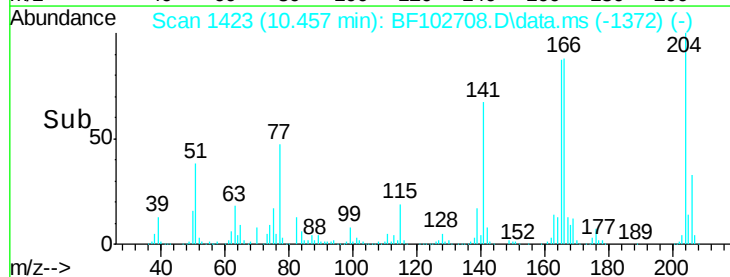
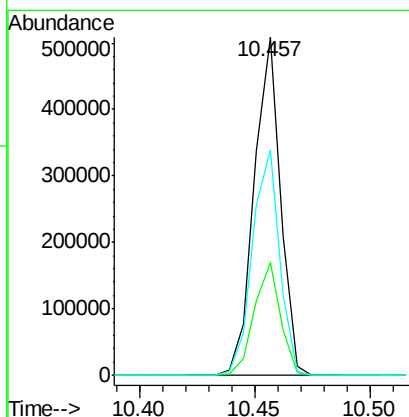
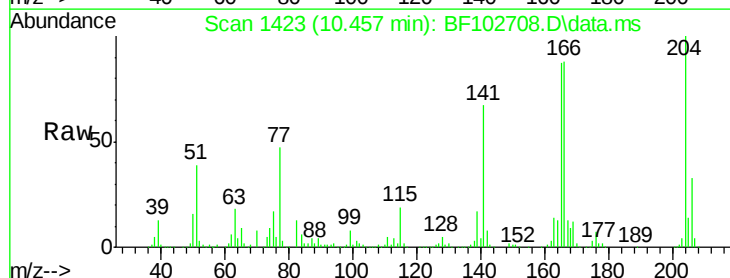
Instrument :
BNA_F
ClientSampled :

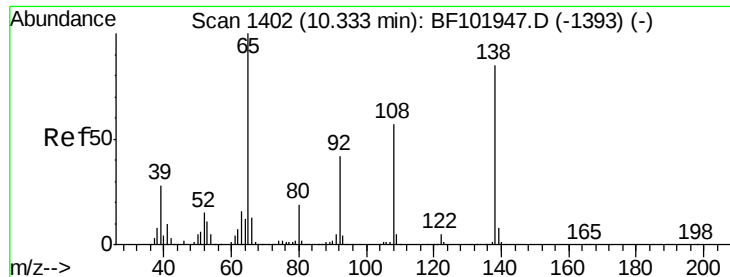
Tot Ion:149 Resp: 1109076
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.74 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion:204 Resp: 406663
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 66.8 54.6 81.8

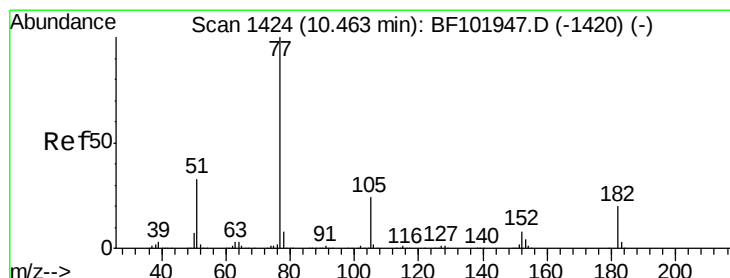
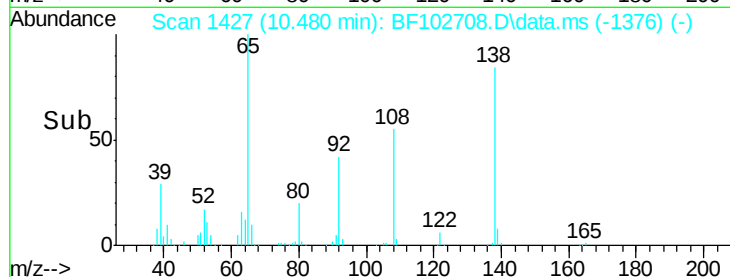
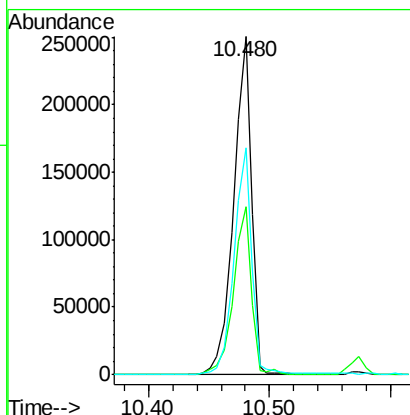
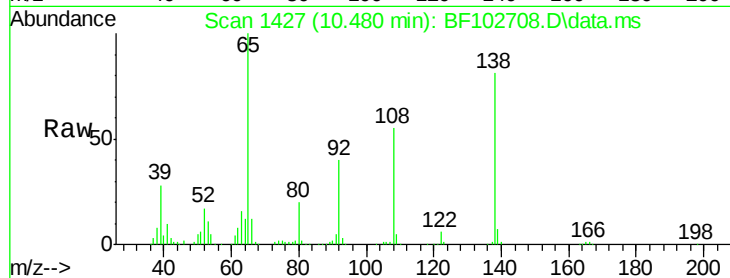




#61
4-Nitroaniline
Concen: 36.91 ng
RT: 10.480 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

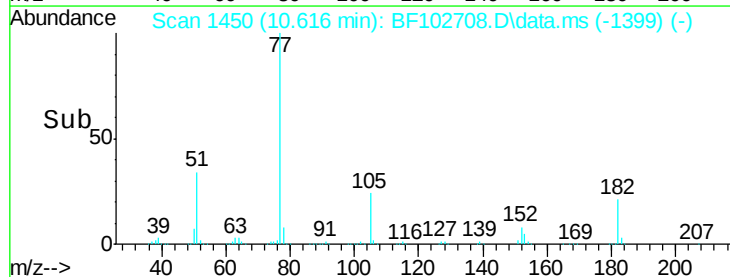
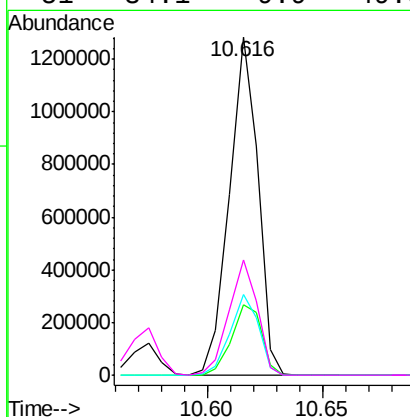
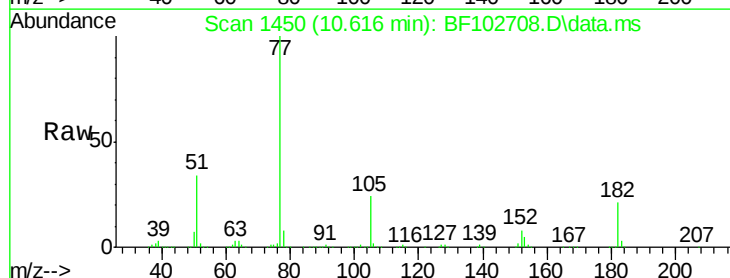
Instrument :
BNA_F
ClientSampleId :

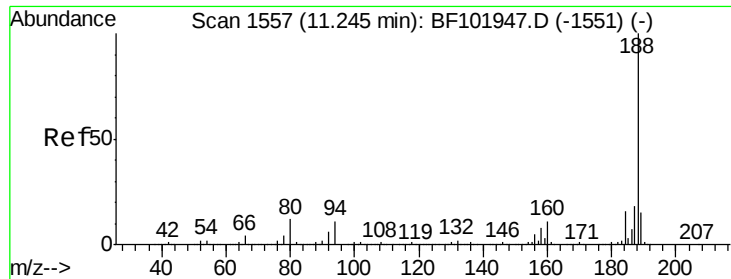
Tot Ion:138 Resp: 258784
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 67.2 52.5 92.5



#62
Azobenzene
Concen: 38.09 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion: 77 Resp: 1104747
Ion Ratio Lower Upper
77 100
182 20.7 1.7 41.7
105 23.9 3.0 43.0
51 34.1 9.9 49.9

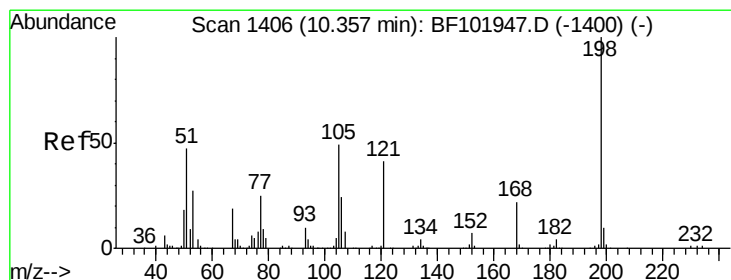
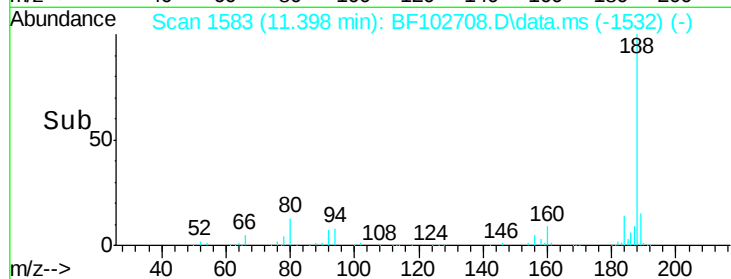
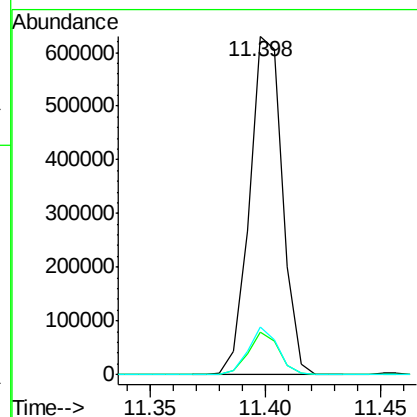
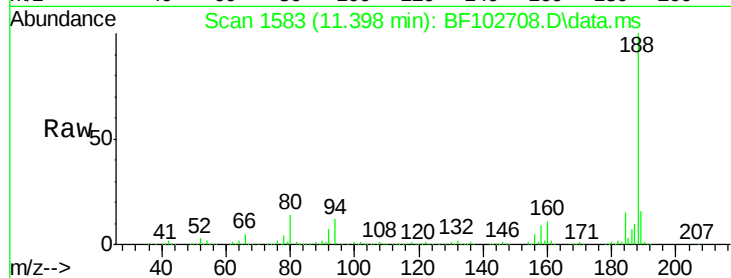




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.398 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

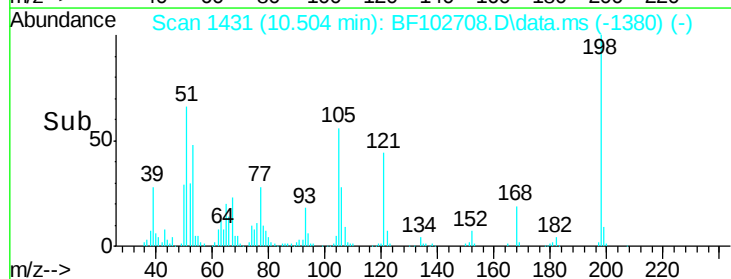
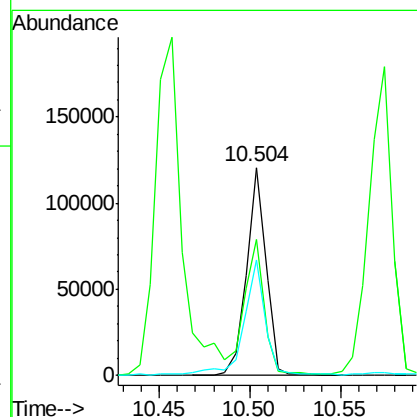
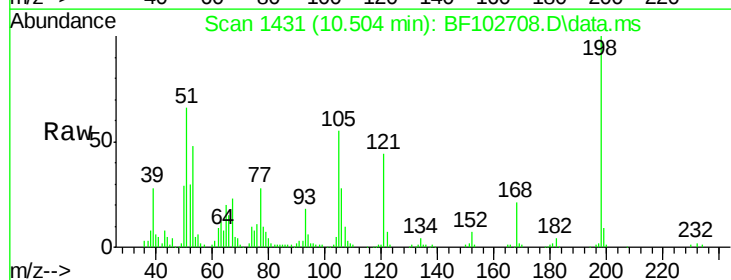
Instrument :
 BNA_F
 ClientSampleId :

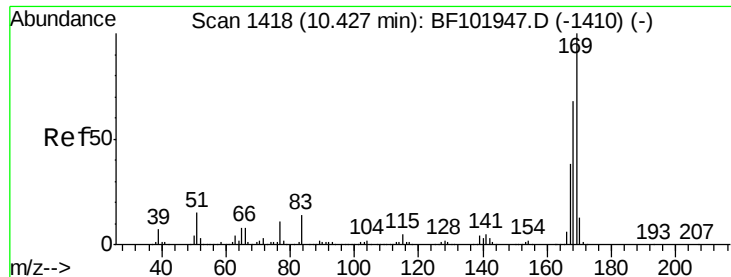
Tot Ion:188 Resp: 625389
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.5 12.7
 80 14.0 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.15 ng
 RT: 10.504 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion:198 Resp: 89645
 Ion Ratio Lower Upper
 198 100
 51 65.5 37.7 77.7
 105 55.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.37 ng

RT: 10.574 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

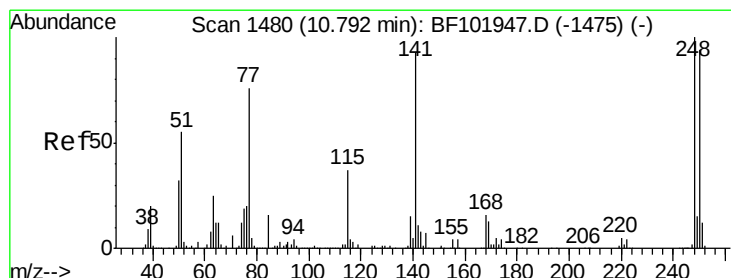
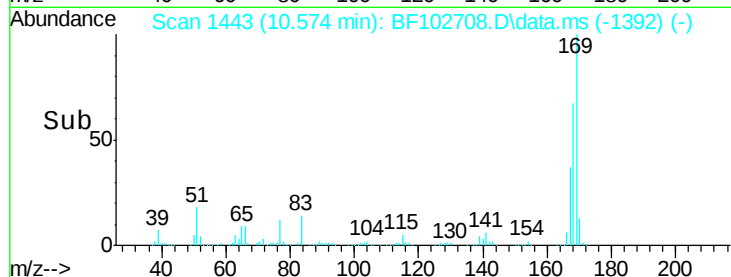
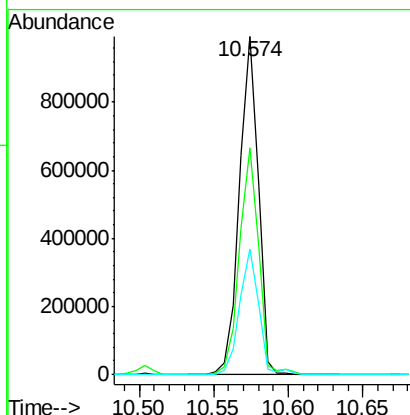
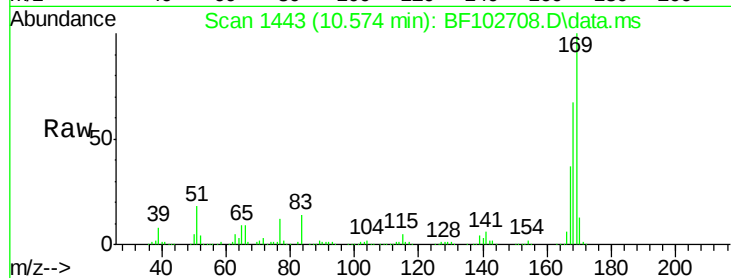
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 875079

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.4	81.6
167	37.3	29.8	44.6



#66

4-Bromophenyl-phenylether

Concen: 39.60 ng

RT: 10.945 min Scan# 1506

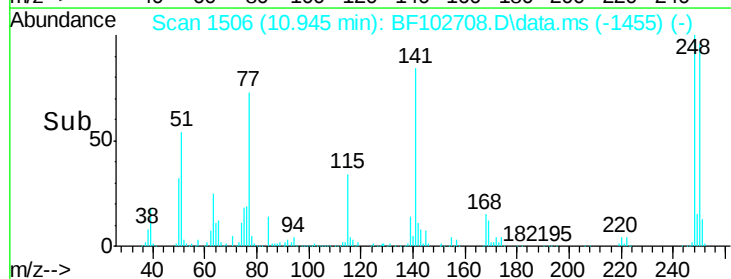
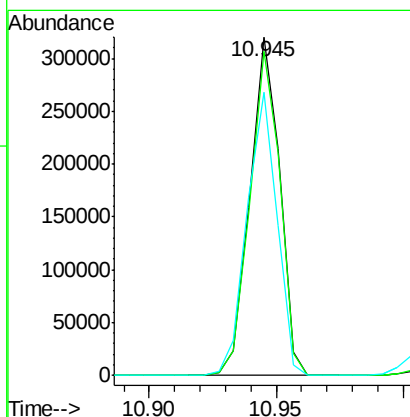
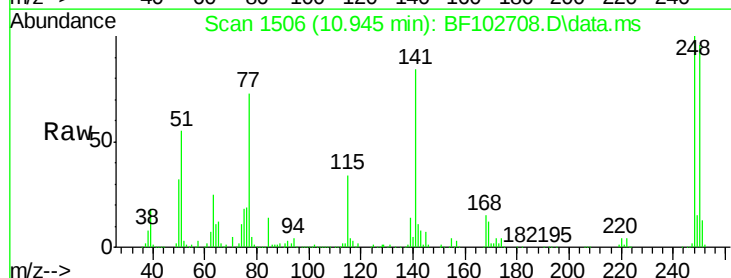
Delta R.T. 0.000 min

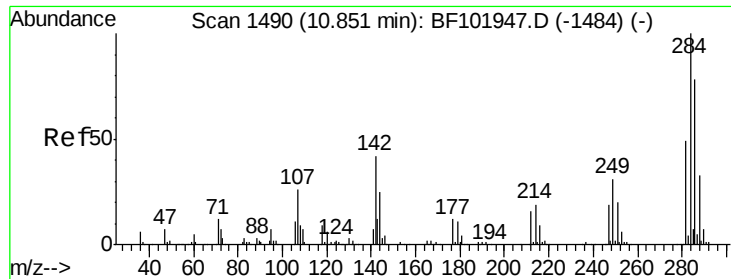
Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Tgt Ion:248 Resp: 261505

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	83.6	74.4	111.6

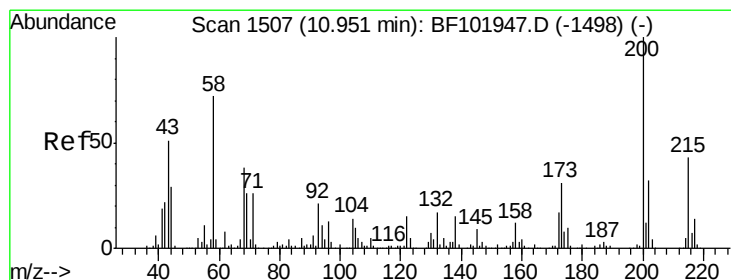
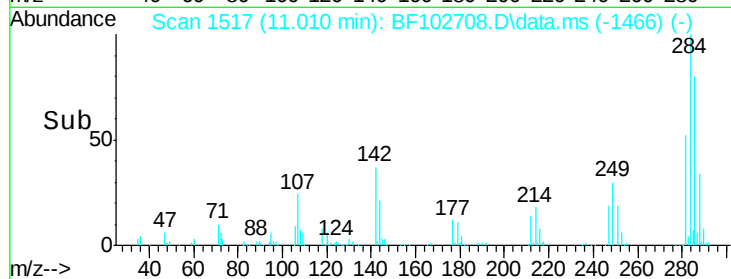
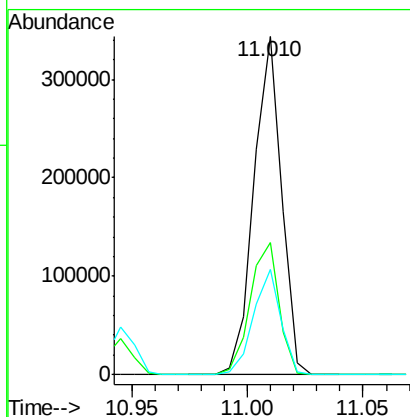
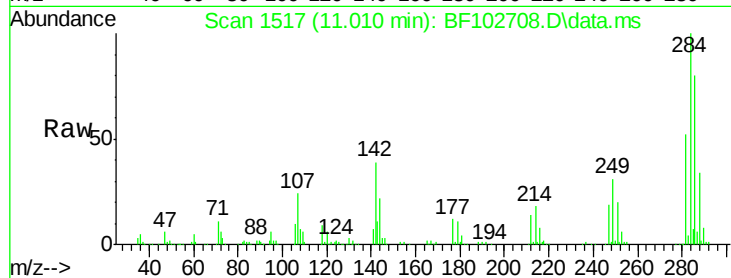




#67
Hexachlorobenzene
Concen: 39.92 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

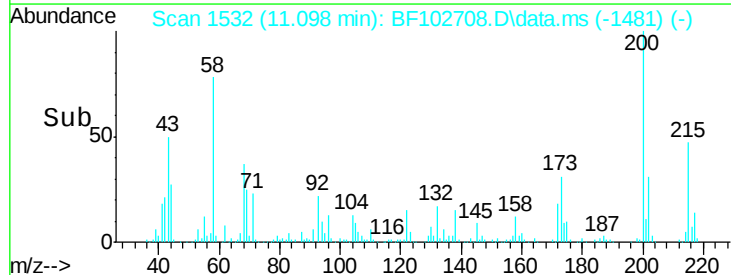
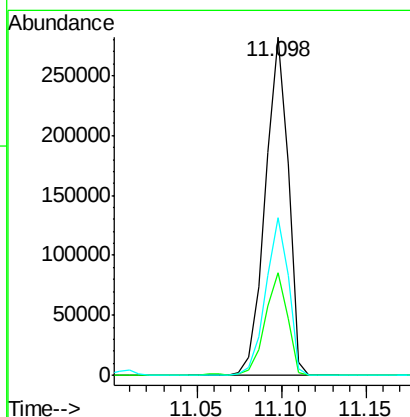
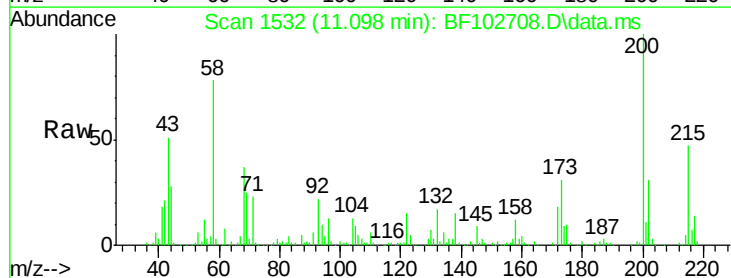
Instrument :
BNA_F
ClientSampleId :

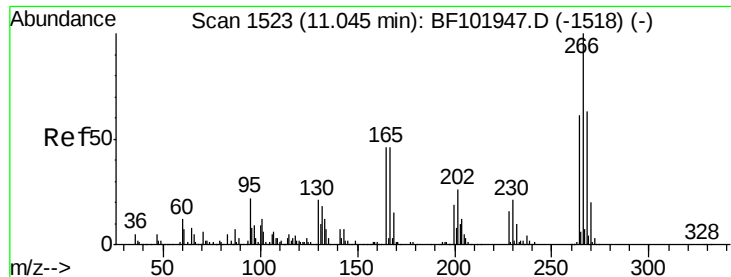
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.1	34.6	52.0
249	31.0	24.8	37.2



#68
Atrazine
Concen: 39.03 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	8.6	48.6
215	46.6	25.1	65.1





#69

Pentachlorophenol

Concen: 40.78 ng

RT: 11.198 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

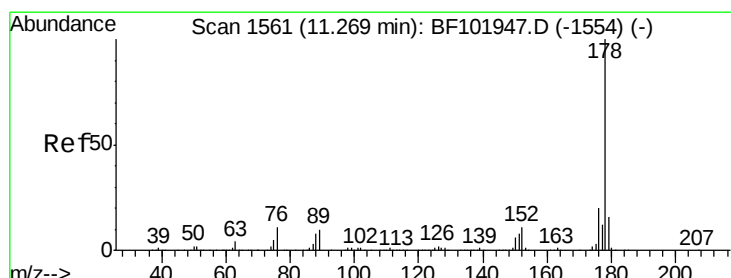
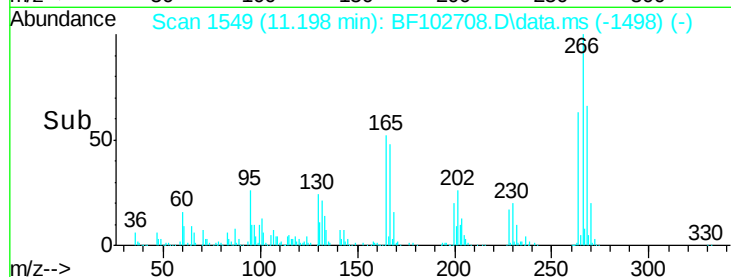
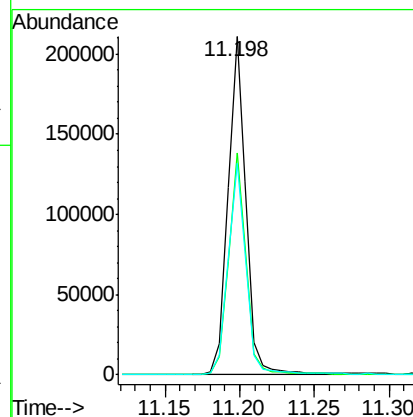
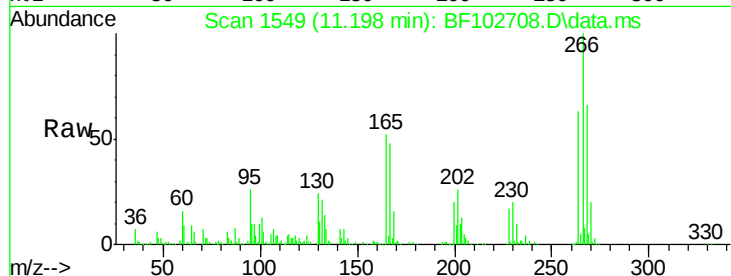
Tot Ion:266 Resp: 179288

Ion Ratio Lower Upper

266 100

268 65.6 51.1 76.7

264 62.6 49.5 74.3



#70

Phenanthrene

Concen: 37.32 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

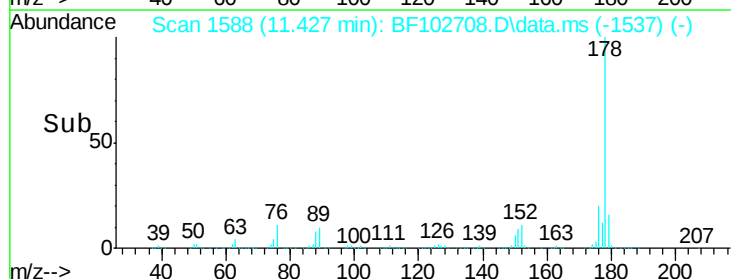
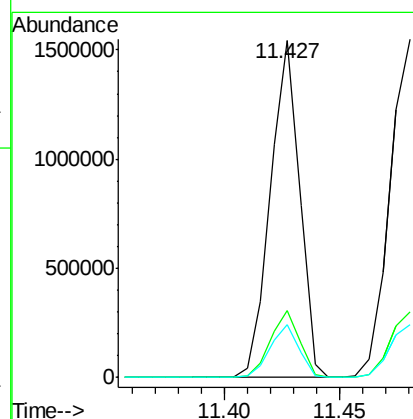
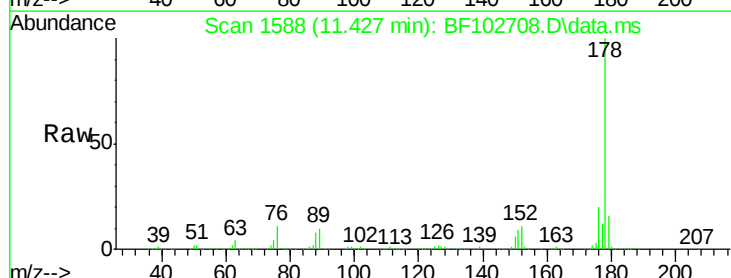
Tgt Ion:178 Resp: 1363362

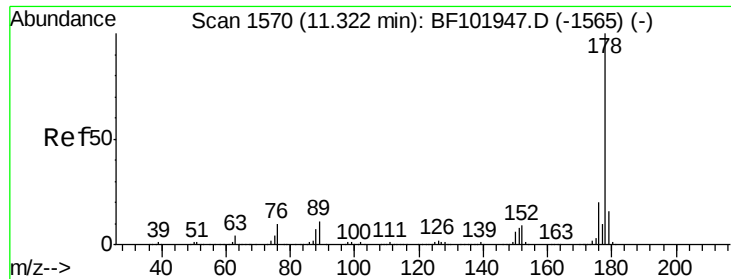
Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.7 13.0 19.6





#71

Anthracene

Concen: 37.22 ng

RT: 11.480 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

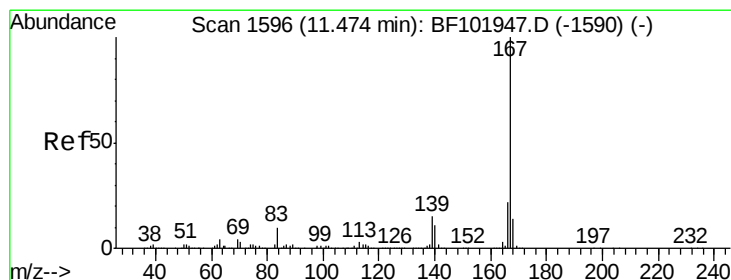
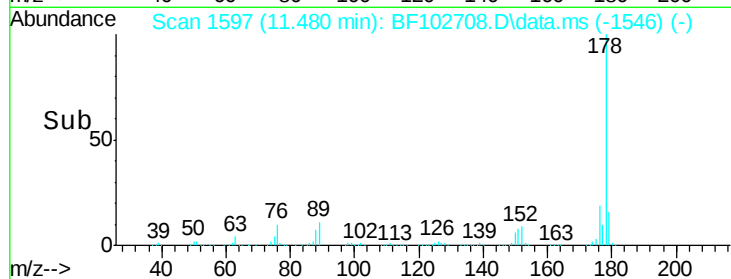
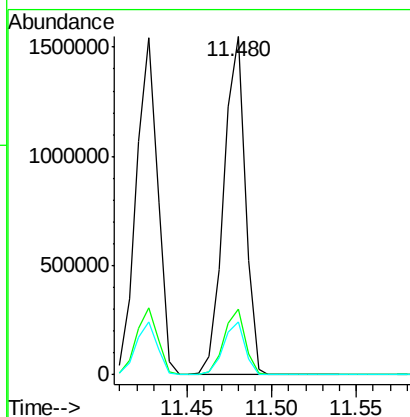
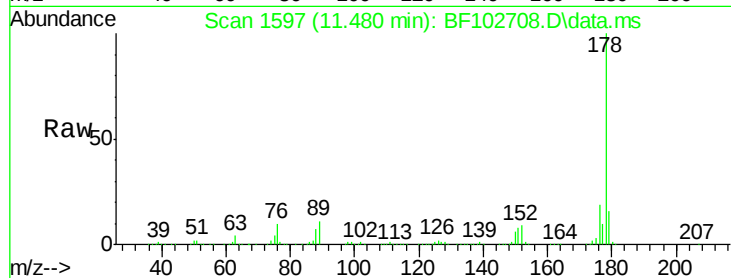
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1378817

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0



#72

Carbazole

Concen: 37.22 ng

RT: 11.633 min Scan# 1623

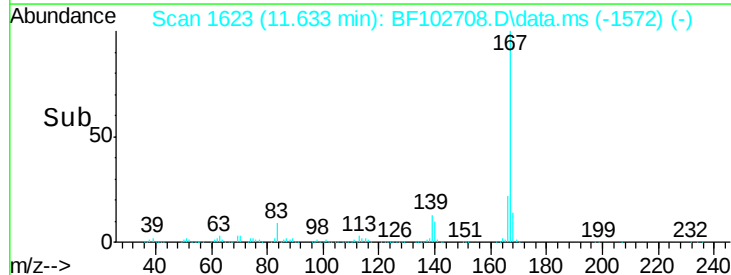
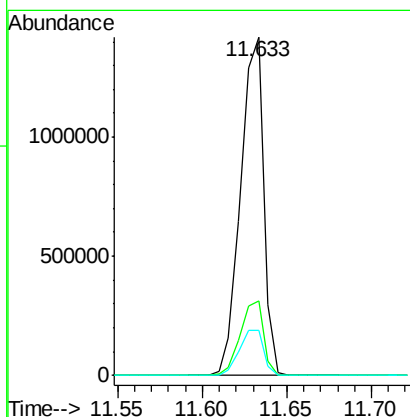
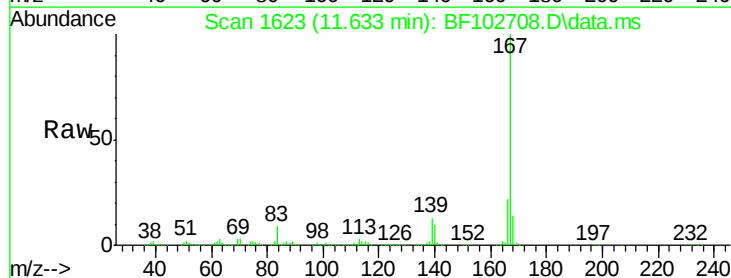
Delta R.T. 0.000 min

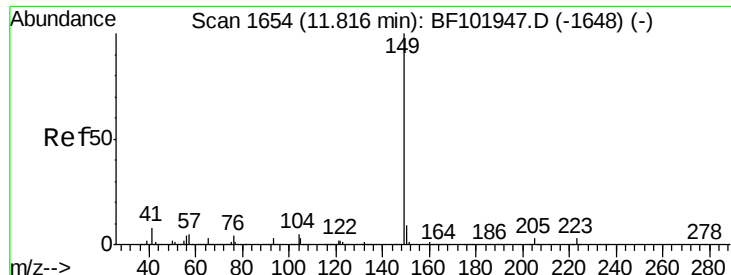
Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Tgt Ion:167 Resp: 1355490

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.96 ng

RT: 11.963 min Scan# 16

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

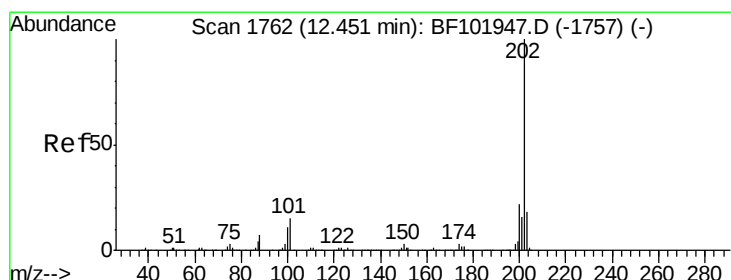
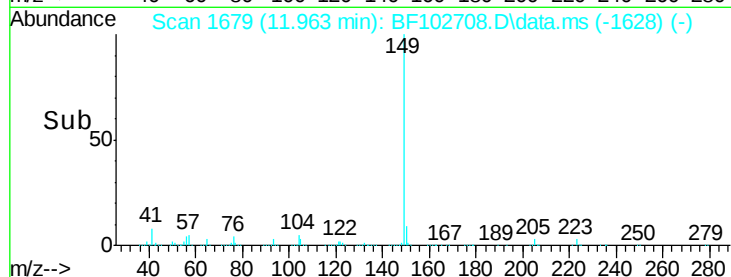
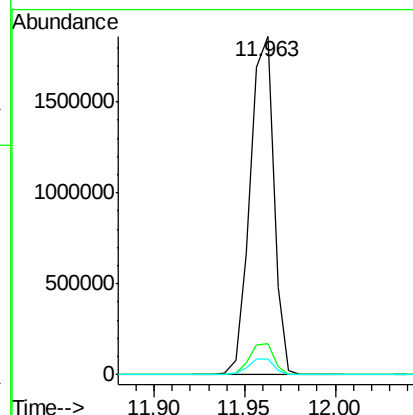
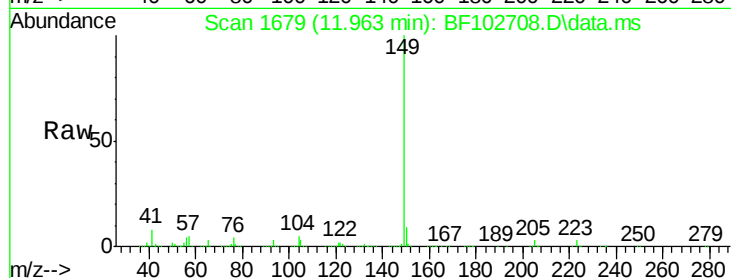
Tot Ion:149 Resp: 1695803

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

104 4.8 3.8 5.8



#74

Fluoranthene

Concen: 38.01 ng

RT: 12.615 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

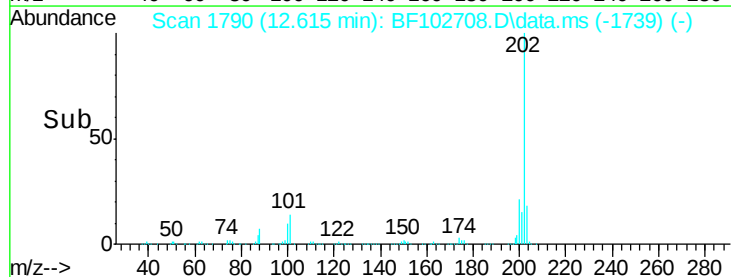
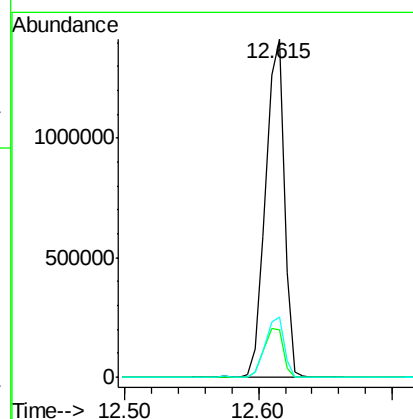
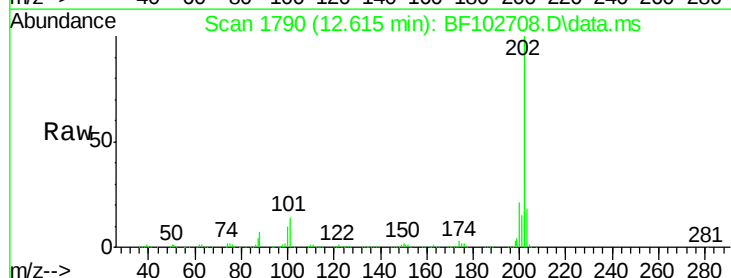
Tgt Ion:202 Resp: 1366204

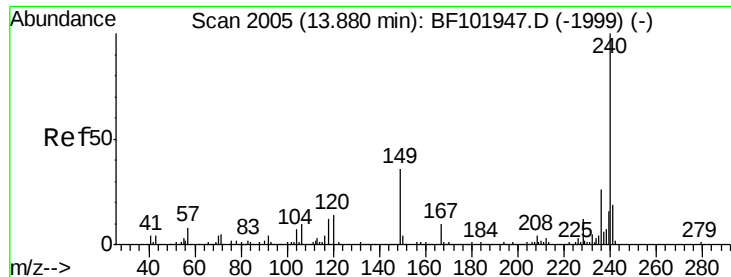
Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

203 17.8 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: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

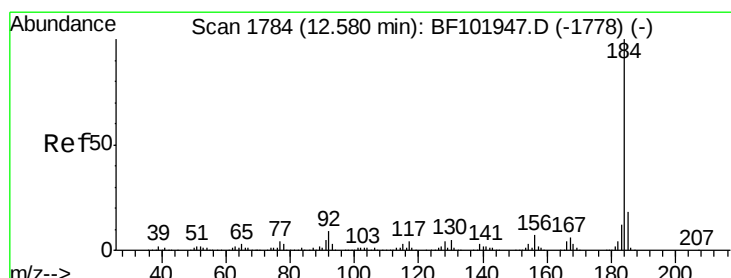
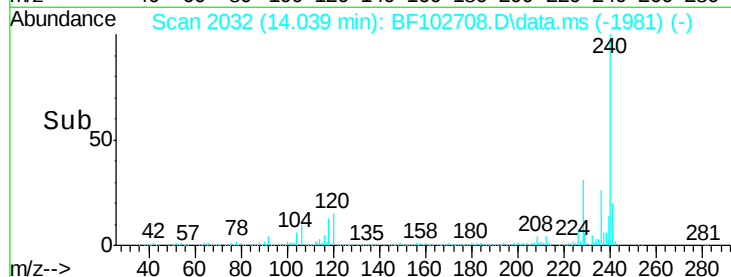
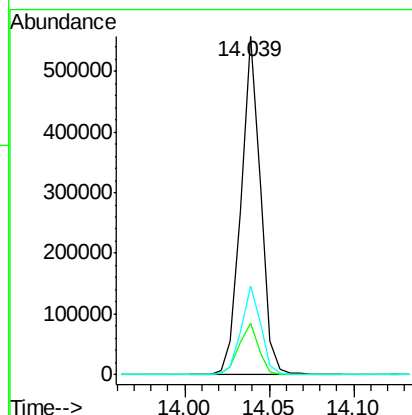
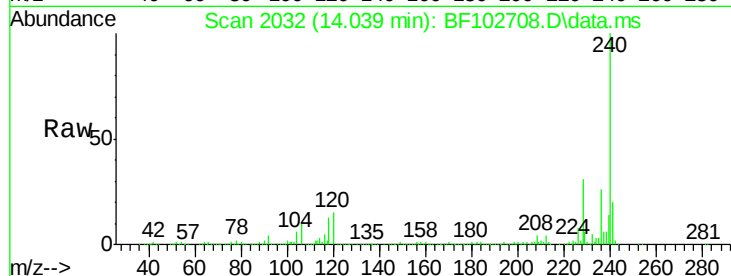
Tot Ion:240 Resp: 445472

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

236 26.4 20.7 31.1



#76

Benzidine

Concen: 40.86 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

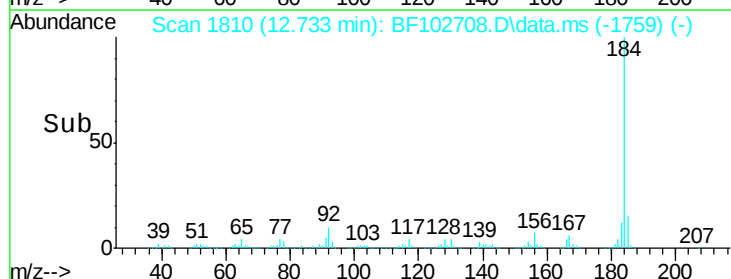
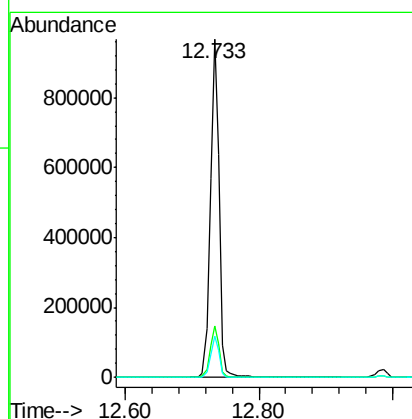
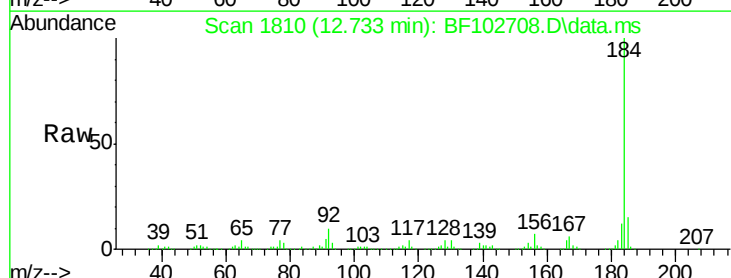
Tgt Ion:184 Resp: 878881

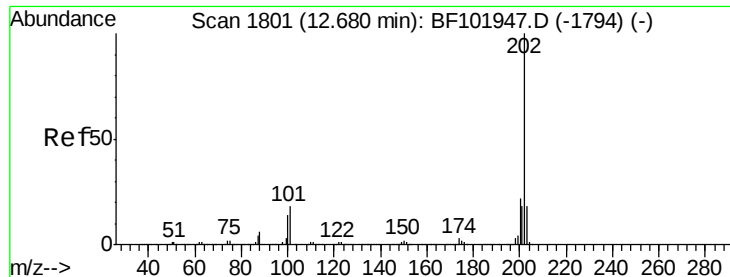
Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

183 12.0 9.3 13.9

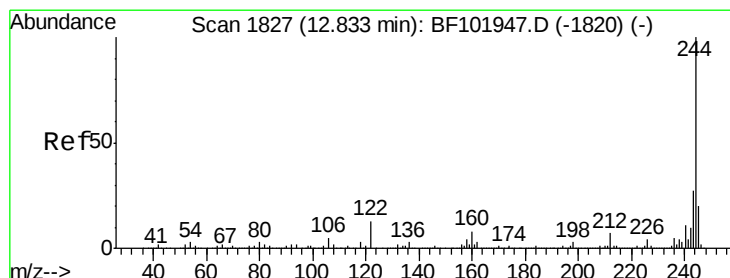
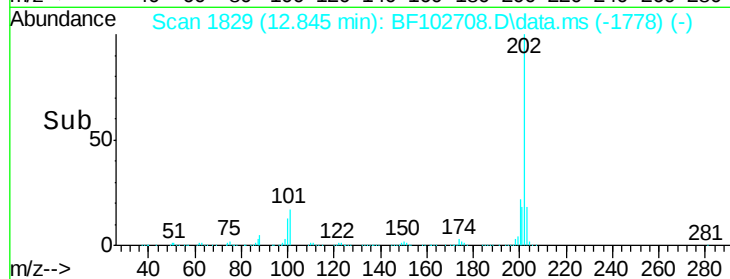
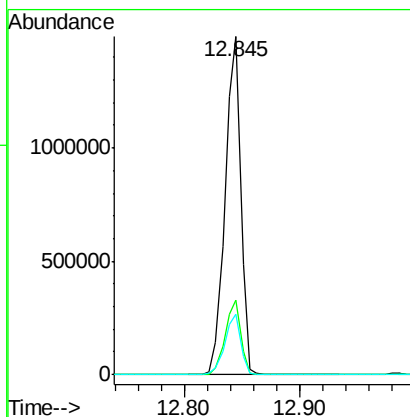
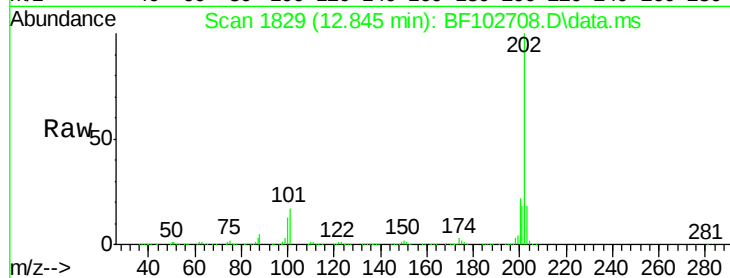




#77
Pvrene
Concen: 35.56 ng
RT: 12.845 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

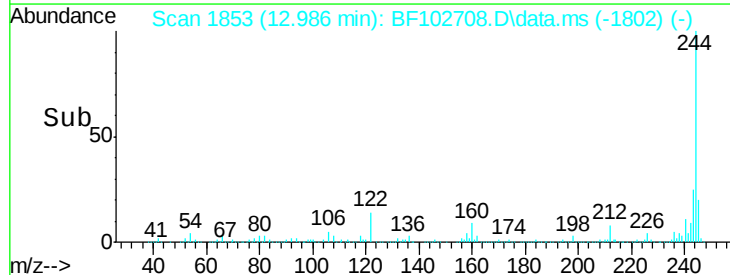
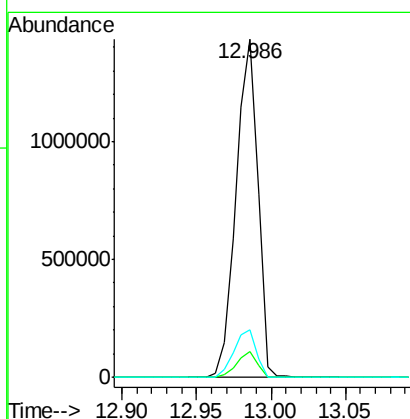
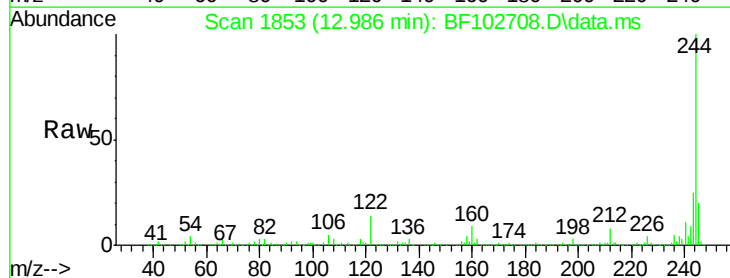
Instrument :
BNA_F
ClientSampleId :

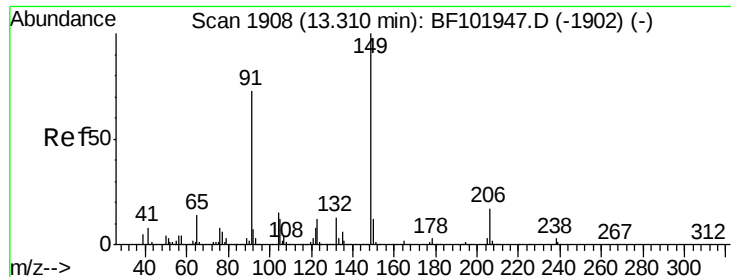
Tot Ion:202 Resp: 1400288
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 68.48 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF102708.D
Acq: 3 Feb 2018 10:26

Tgt Ion:244 Resp: 1469257
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 14.1 11.0 16.4





#79

Butylbenzylphthalate

Concen: 37.26 ng

RT: 13.457 min Scan# 1908

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

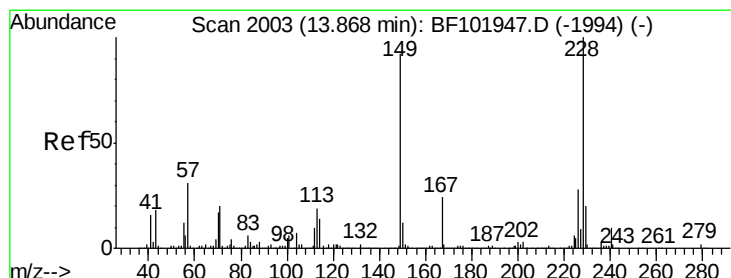
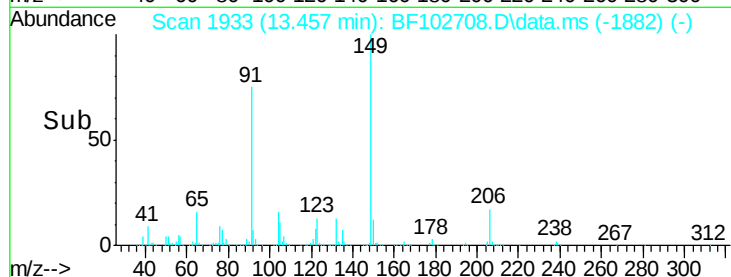
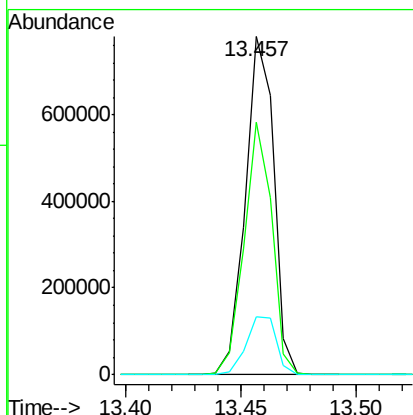
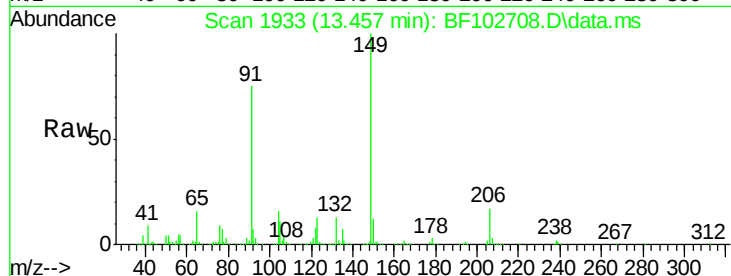
Tot Ion:149 Resp: 673240

Ion Ratio Lower Upper

149 100

91 74.6 56.8 85.2

206 17.2 14.1 21.1



#80

Benzo(a)anthracene

Concen: 38.81 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

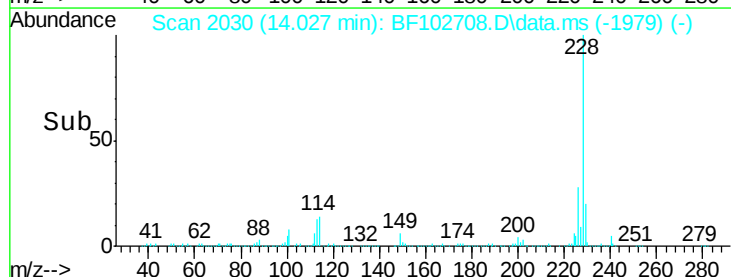
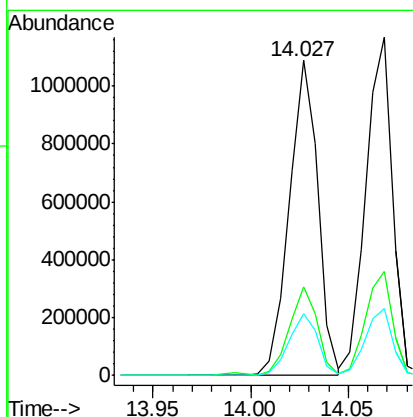
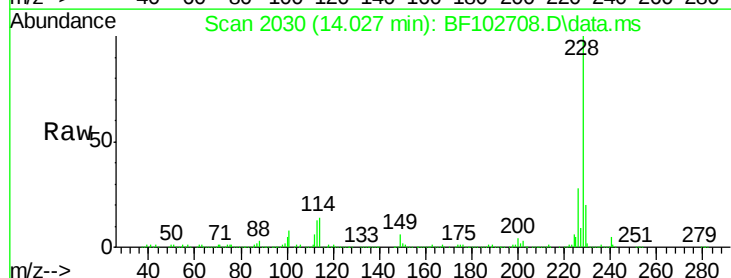
Tgt Ion:228 Resp: 1103094

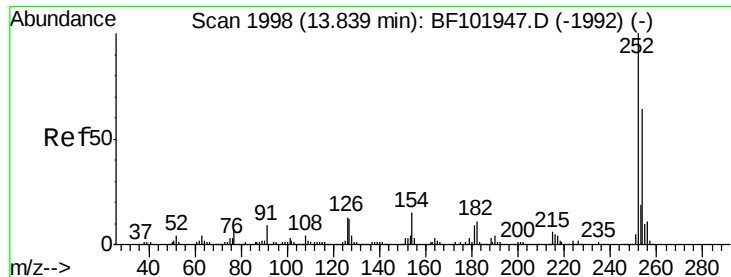
Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 41.50 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

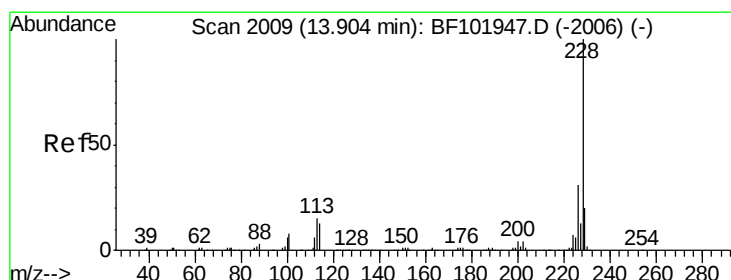
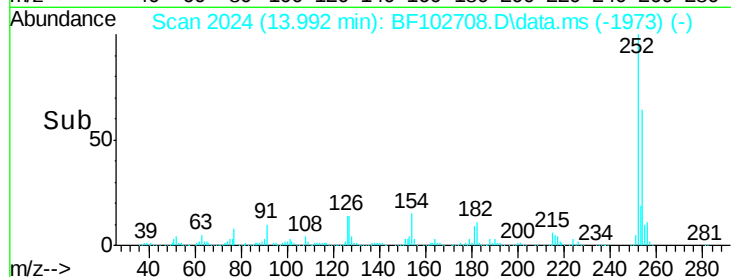
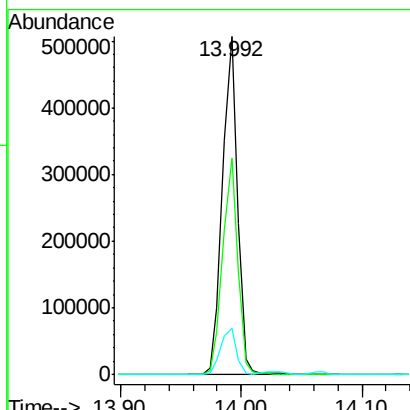
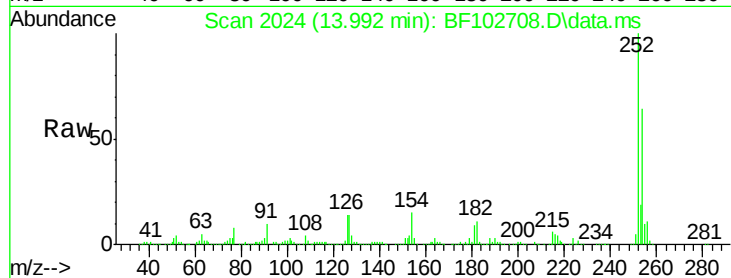
Tot Ion:252 Resp: 436688

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

126 13.6 11.3 16.9



#82

Chrysene

Concen: 37.47 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

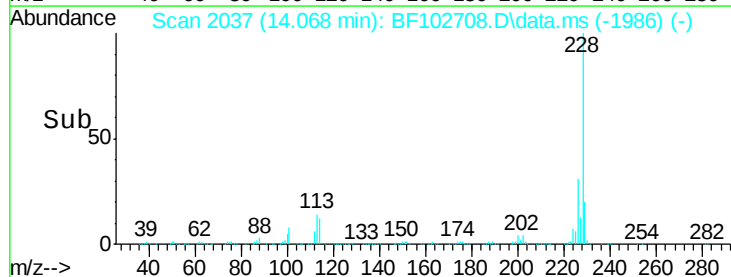
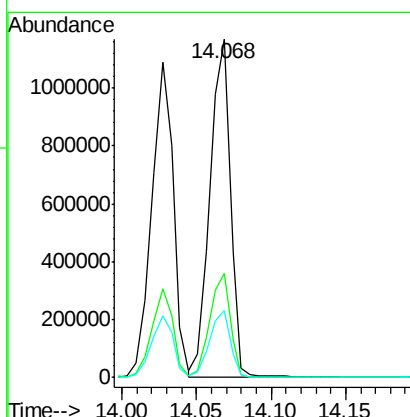
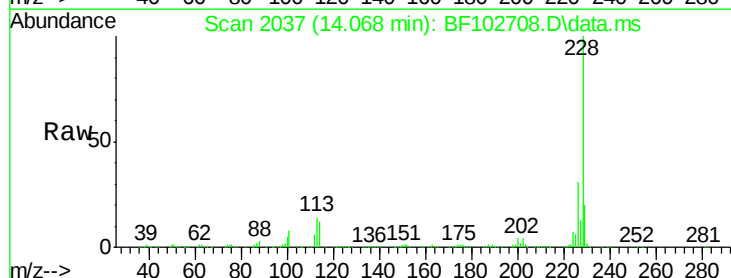
Tgt Ion:228 Resp: 1110584

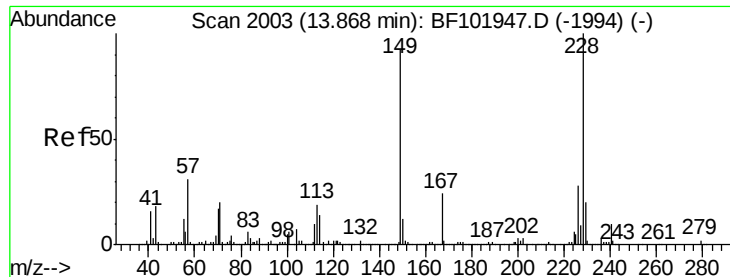
Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 19.6 16.2 24.4

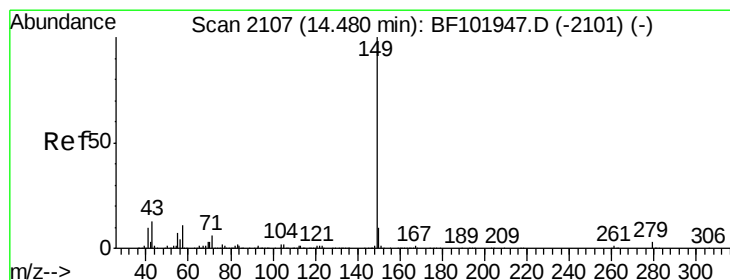
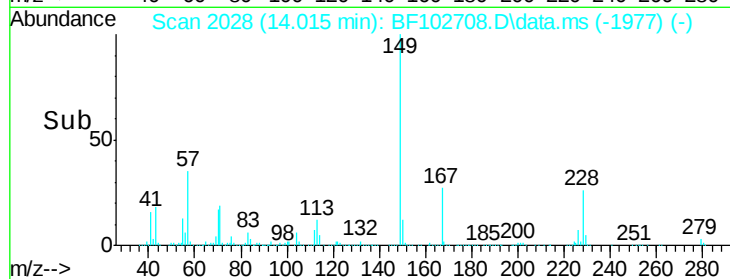
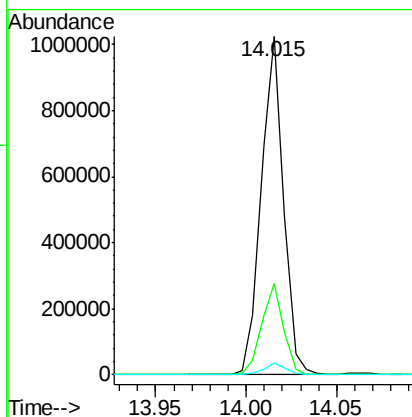
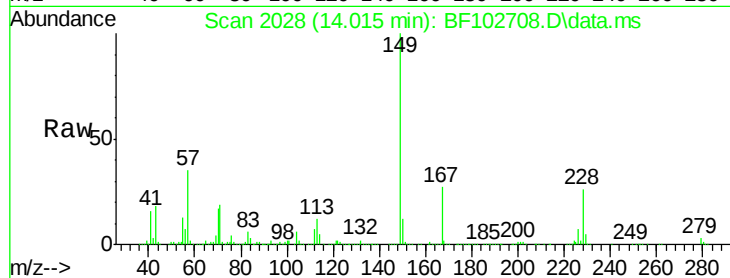




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.23 ng
 RT: 14.015 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

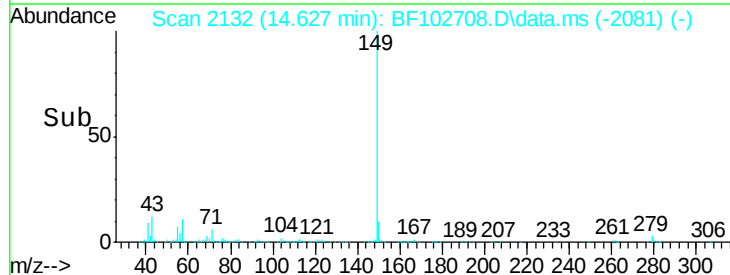
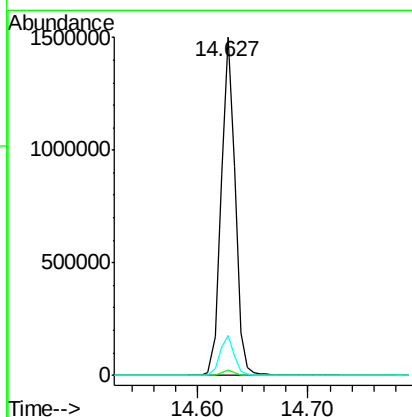
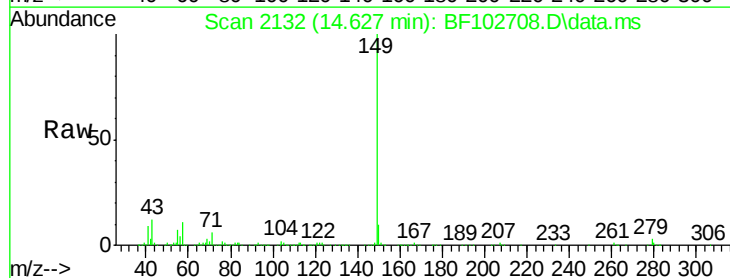
Instrument :
 BNA_F
 ClientSampleId :

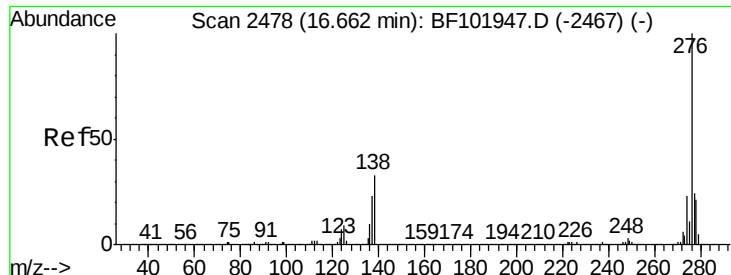
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 38.70 ng
 RT: 14.627 min Scan# 2132
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.2	8.4	12.6

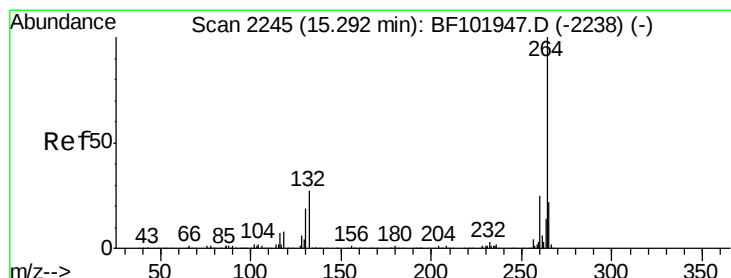
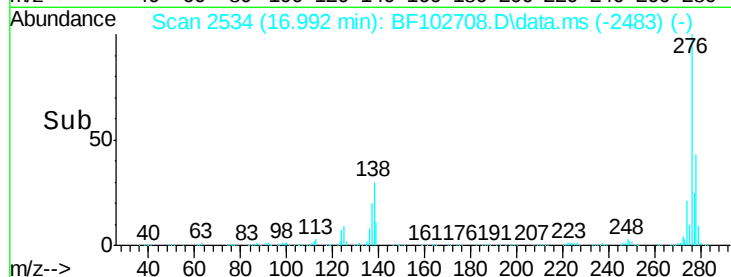
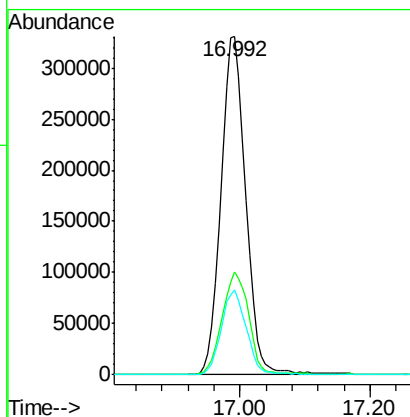
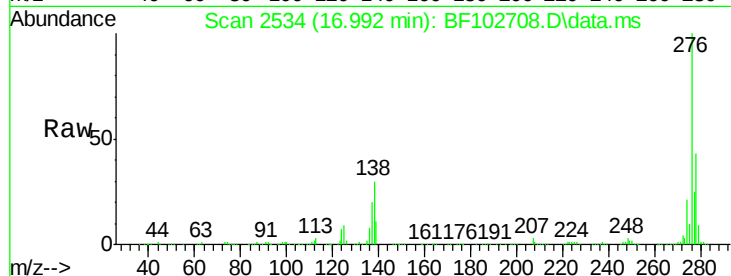




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.27 ng
 RT: 16.992 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

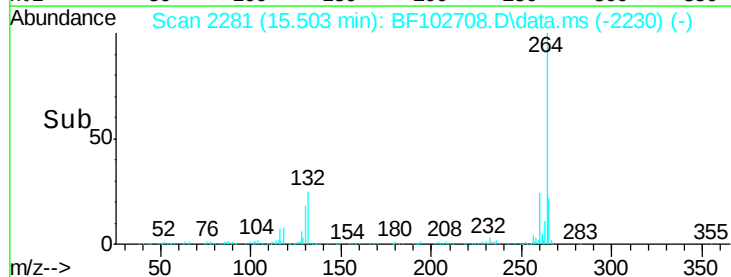
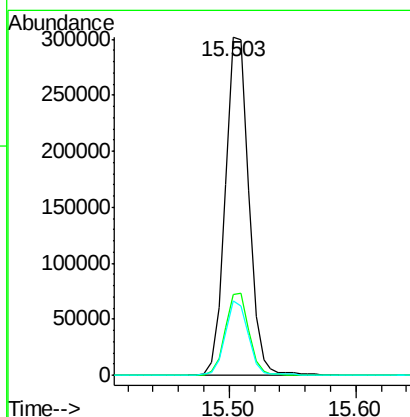
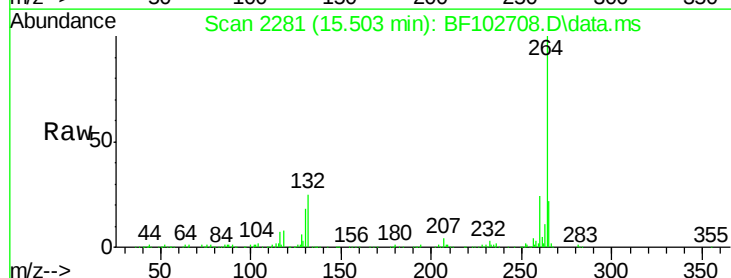
Instrument :
 BNA_F
 ClientSampleId :

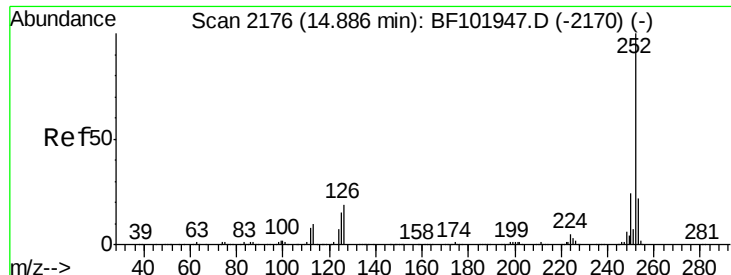
Tot Ion: 276 Resp: 868649
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.503 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF102708.D
 Acq: 3 Feb 2018 10:26

Tgt Ion: 264 Resp: 386388
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 40.66 ng

RT: 15.080 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

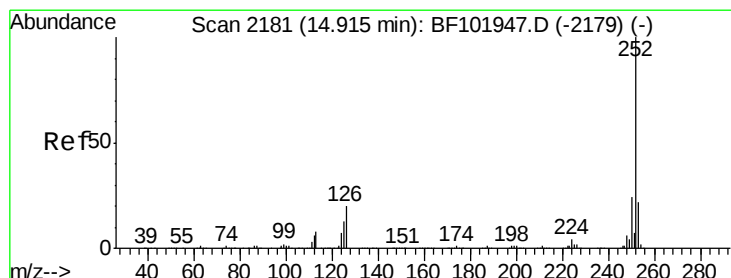
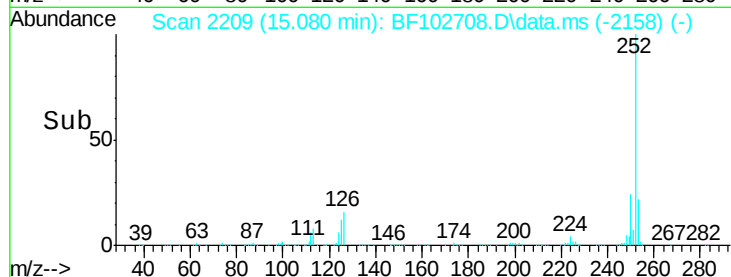
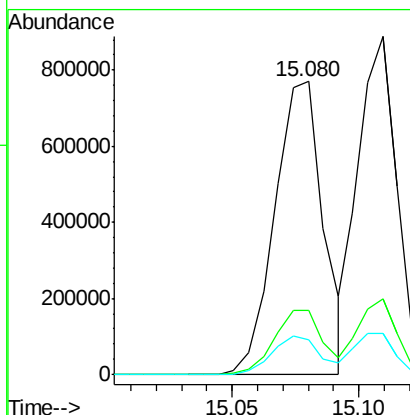
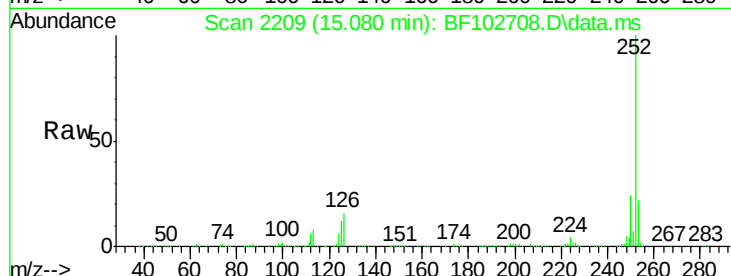
Tot Ion:252 Resp: 1024333

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 11.8 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 39.91 ng

RT: 15.109 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

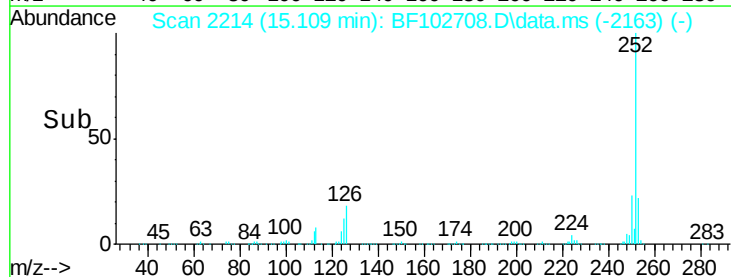
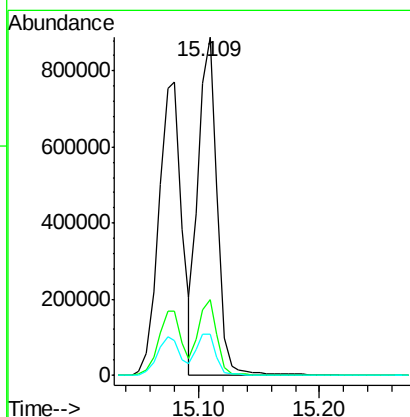
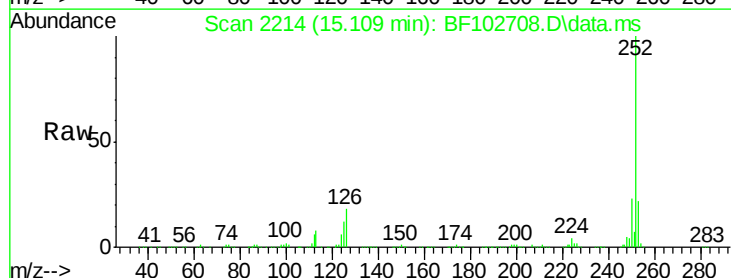
Tgt Ion:252 Resp: 970001

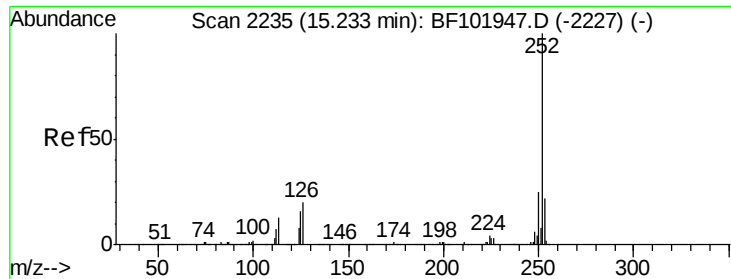
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.23 ng

RT: 15.445 min Scan# 22

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :

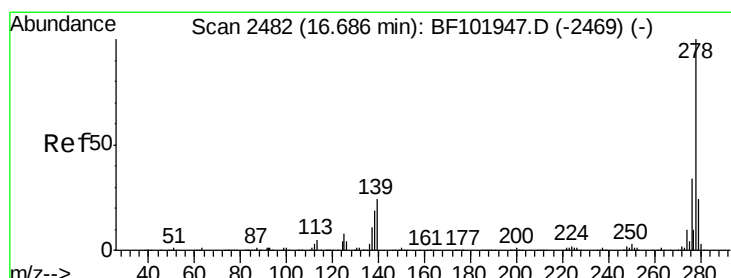
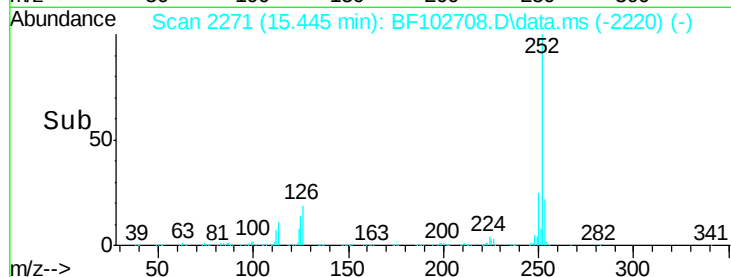
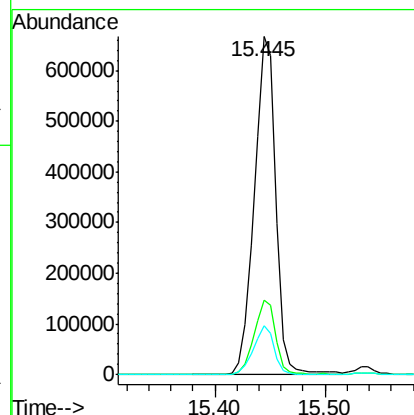
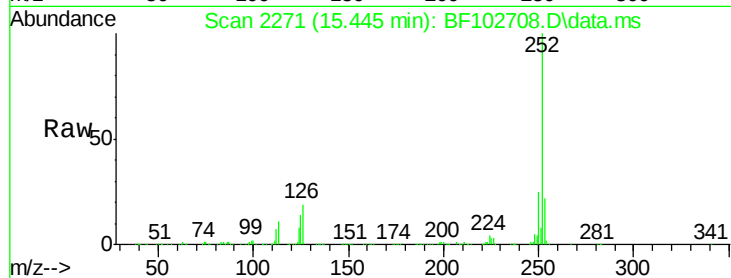
Tot Ion:252 Resp: 912126

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 14.2 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 40.10 ng

RT: 17.009 min Scan# 2537

Delta R.T. 0.000 min

Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

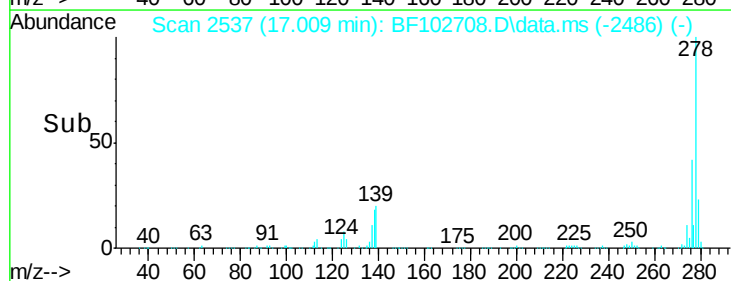
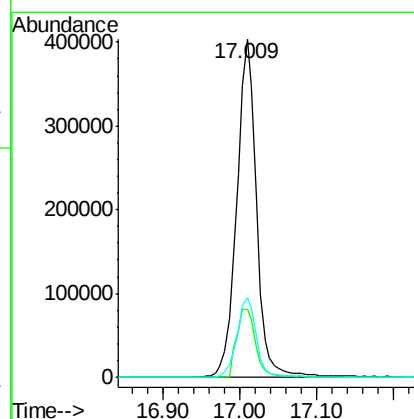
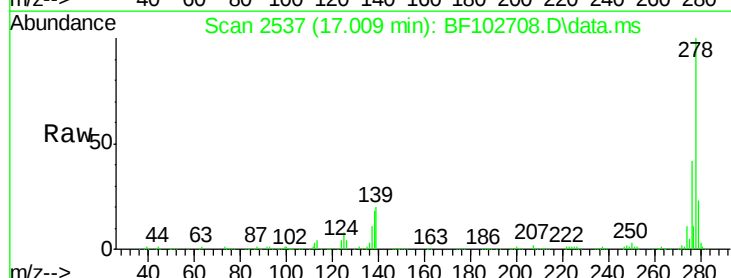
Tgt Ion:278 Resp: 725479

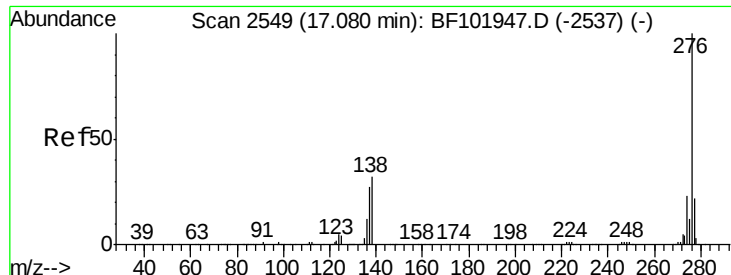
Ion Ratio Lower Upper

278 100

139 20.2 15.9 23.9

279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.50 ng

RT: 17.439 min Scan# 261

Delta R.T. 0.000 min

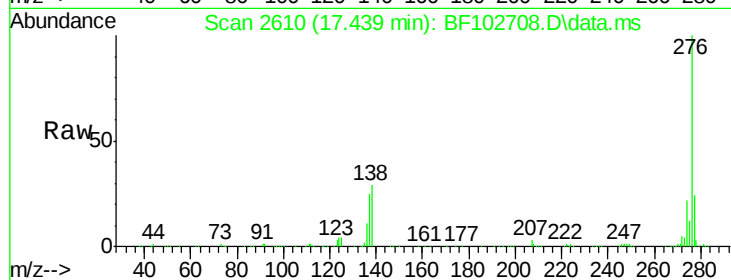
Lab File: BF102708.D

Acq: 3 Feb 2018 10:26

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 701557

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 29.4 21.8 32.8

