

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102907.D
 Acq On : 12 Feb 2018 9:09
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 12 11:42:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147997	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	639995	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	298051	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	534777	20.00	ng	0.00
75) Chrysene-d12	14.06	240	407642	20.00	ng	0.00
86) Perylene-d12	15.54	264	362747	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	778870	79.92	ng	0.00
7) Phenol-d6	6.51	99	947150	80.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	876542	95.01	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	207345	86.43	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1370373	76.29	ng	0.00
78) Terphenyl-d14	13.00	244	1247205	72.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	203605	42.300	ng	89
3) Pyridine	3.42	79	573936	43.158	ng	93
4) n-Nitrosodimethylamine	3.36	42	245983	43.232	ng	88
6) Aniline	6.55	93	699978	40.395	ng	97
8) 2-Chlorophenol	6.67	128	400944	39.963	ng	94
9) Benzaldehyde	6.44	77	326637	37.485	ng	98
10) Phenol	6.52	94	515304	40.978	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	418311	39.977	ng	93
12) 1,3-Dichlorobenzene	6.83	146	454124	39.088	ng	99
13) 1,4-Dichlorobenzene	6.90	146	454145	39.241	ng	99
14) 1,2-Dichlorobenzene	7.06	146	419690	38.934	ng	97
15) Benzyl Alcohol	7.02	79	382129	42.358	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	740724	37.265	ng	99
17) 2-Methylphenol	7.13	107	365727	39.520	ng	97
18) Hexachloroethane	7.40	117	167065	42.096	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	303331	39.208	ng	95
20) 3+4-Methylphenols	7.29	107	447943	39.251	ng	# 86
22) Acetophenone	7.29	105	579059	36.974	ng	# 89
24) Nitrobenzene	7.47	77	482692	44.478	ng	98
25) Isophorone	7.70	82	836573	39.380	ng	97
26) 2-Nitrophenol	7.78	139	226763	50.346	ng	92
27) 2,4-Dimethylphenol	7.82	122	328470	36.598	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	490740	38.995	ng	99
29) 2,4-Dichlorophenol	8.02	162	324346	39.754	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	346605	37.552	ng	100
31) Naphthalene	8.19	128	1189750	38.049	ng	99
32) Benzoic acid	7.93	122	190235	34.557	ng	96
33) 4-Chloroaniline	8.24	127	521100	38.685	ng	99
34) Hexachlorobutadiene	8.30	225	180503	38.164	ng	97
35) Caprolactam	8.61	113	123439	43.565	ng	# 72
36) 4-Chloro-3-methylphenol	8.72	107	378349	41.272	ng	99
37) 2-Methylnaphthalene	8.88	142	768559	37.542	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	308255	37.984	ng	97
40) Hexachlorocyclopentadiene	9.03	237	135244	35.056	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
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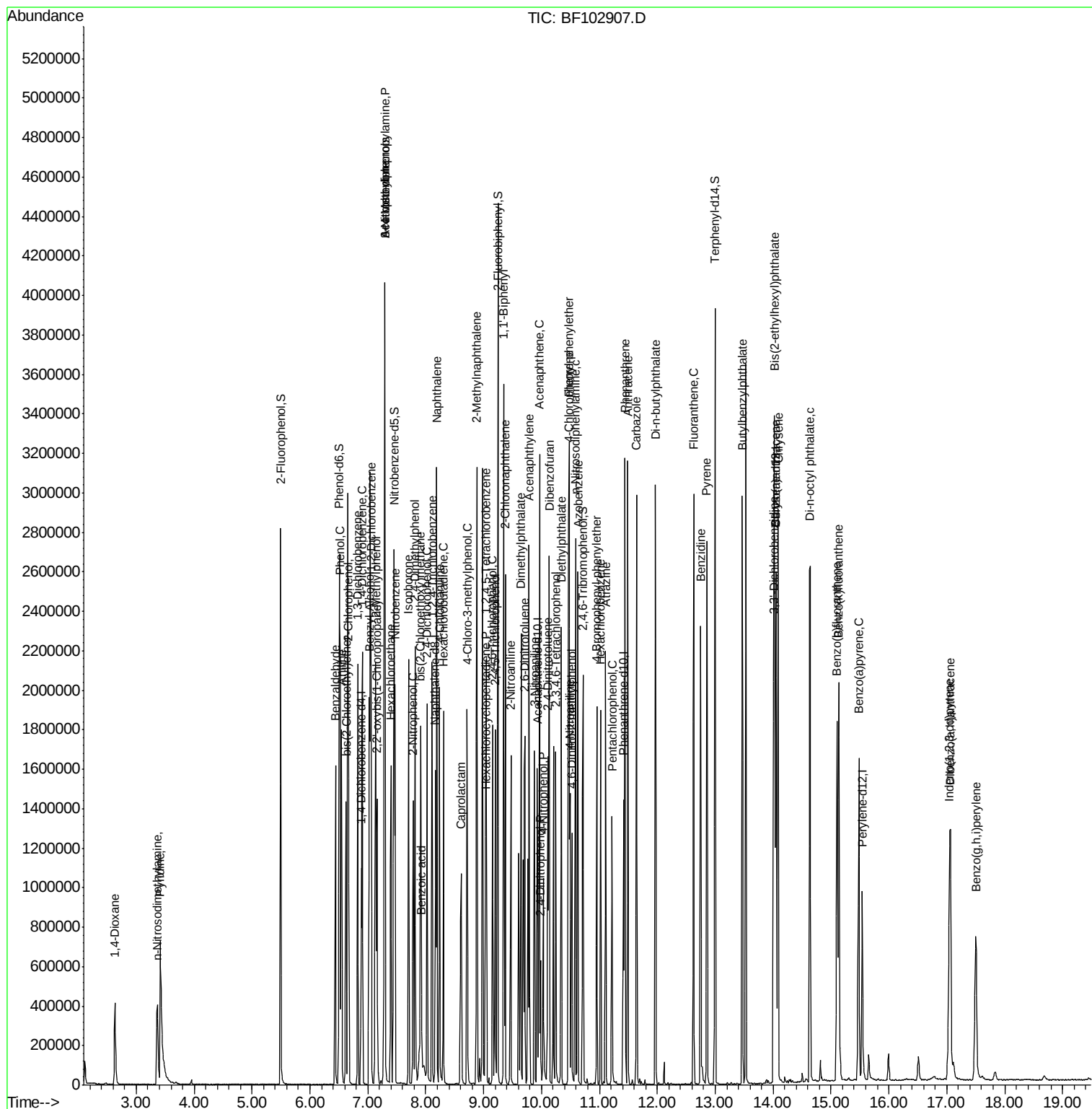
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	216205	40.561	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	241925	40.268	ng	98
45) 1,1'-Biphenyl	9.35	154	940317	37.457	ng	99
46) 2-Chloronaphthalene	9.37	162	748471	37.871	ng	98
47) 2-Nitroaniline	9.47	65	298192	48.830	ng	91
48) Acenaphthylene	9.79	152	1170236	38.123	ng	99
49) Dimethylphthalate	9.65	163	901758	38.803	ng	100
50) 2,6-Dinitrotoluene	9.71	165	196820	44.515	ng	96
51) Acenaphthene	9.96	154	712613	38.819	ng	99
52) 3-Nitroaniline	9.88	138	250001	45.954	ng	98
53) 2,4-Dinitrophenol	9.98	184	62385	54.643	ng	# 17
54) Dibenzofuran	10.13	168	982450	37.976	ng	97
55) 4-Nitrophenol	10.03	139	169660	40.064	ng	93
56) 2,4-Dinitrotoluene	10.11	165	267218	45.252	ng	# 89
57) Fluorene	10.47	166	758581	40.301	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	172829	41.506	ng	97
59) Diethylphthalate	10.34	149	893600	38.942	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	335998	40.352	ng	98
61) 4-Nitroaniline	10.49	138	249356	48.154	ng	97
62) Azobenzene	10.63	77	931722	40.644	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	120047	52.292	ng	92
65) n-Nitrosodiphenylamine	10.59	169	698809	37.046	ng	98
66) 4-Bromophenyl-phenylether	10.96	248	211056	37.309	ng	93
67) Hexachlorobenzene	11.02	284	231719	37.130	ng	98
68) Atrazine	11.11	200	218403	39.247	ng	99
69) Pentachlorophenol	11.22	266	132727	36.231	ng	99
70) Phenanthrene	11.44	178	1106155	37.140	ng	99
71) Anthracene	11.49	178	1123206	37.078	ng	99
72) Carbazole	11.64	167	1136026	38.279	ng	99
73) Di-n-butylphthalate	11.97	149	1452008	40.277	ng	99
74) Fluoranthene	12.63	202	1138903	38.007	ng	98
76) Benzidine	12.75	184	894978	47.770	ng	99
77) Pyrene	12.86	202	1185213	37.078	ng	99
79) Butylbenzylphthalate	13.47	149	635764	41.717	ng	98
80) Benzo(a)anthracene	14.04	228	1006331	39.253	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	388421	40.863	ng	97
82) Chrysene	14.09	228	987603	38.215	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	872964	44.581	ng	# 100
84) Di-n-octyl phthalate	14.64	149	1335926	45.436	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	767264	35.797	ng	98
87) Benzo(b)fluoranthene	15.10	252	884881	37.625	ng	98
88) Benzo(k)fluoranthene	15.13	252	924355	41.135	ng	100
89) Benzo(a)pyrene	15.48	252	815600	38.528	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	647193	37.666	ng	98
91) Benzo(g,h,i)perylene	17.50	276	643358	38.254	ng	98

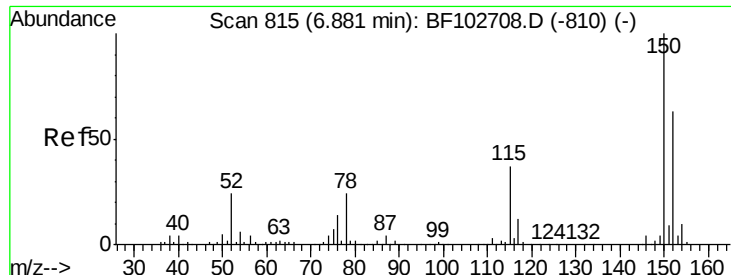
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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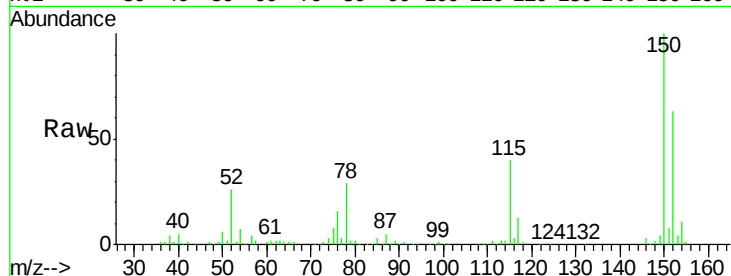


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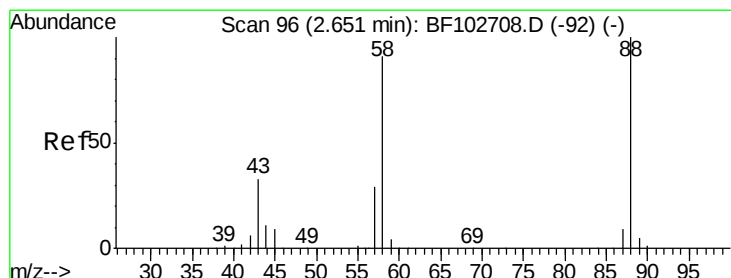
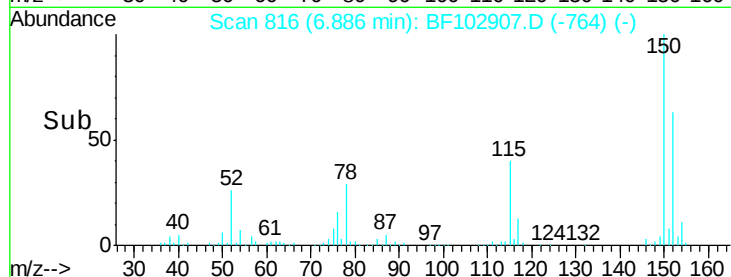
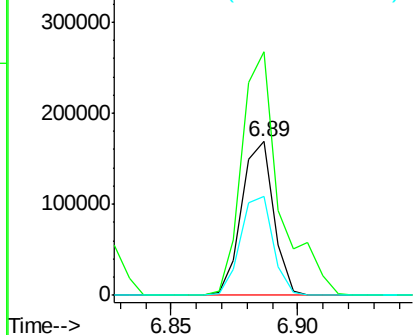
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	64.0	50.1	75.1



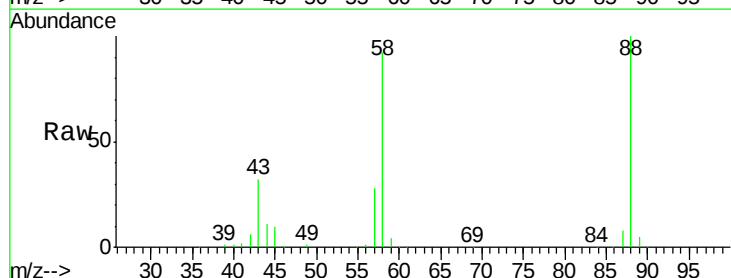
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



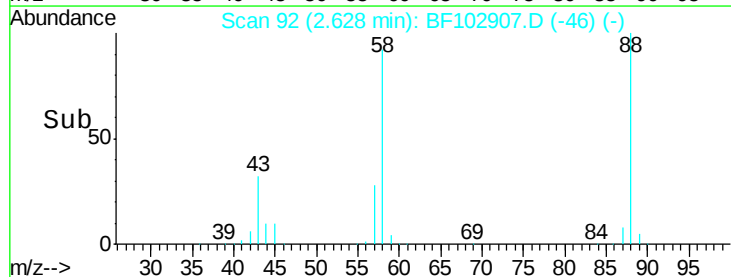
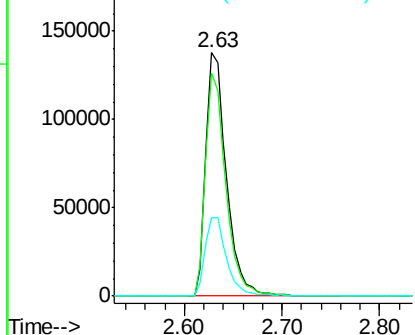
#2

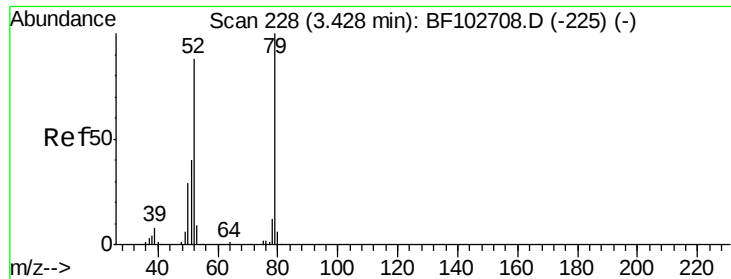
1,4-Dioxane
Concen: 42.300 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.03 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	62.6	93.8
43	33.9	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.158 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

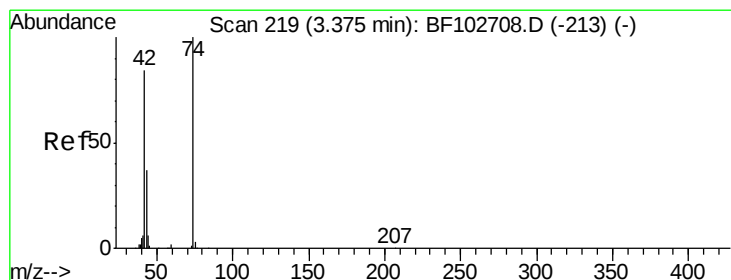
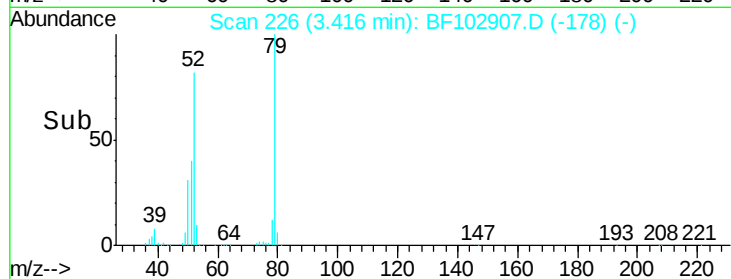
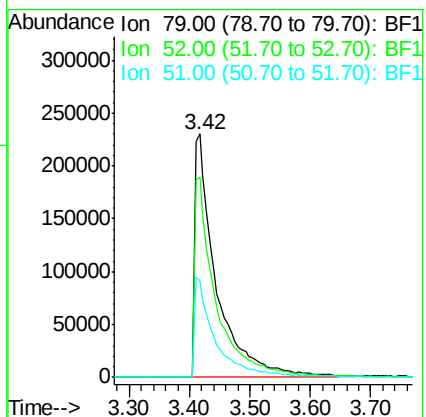
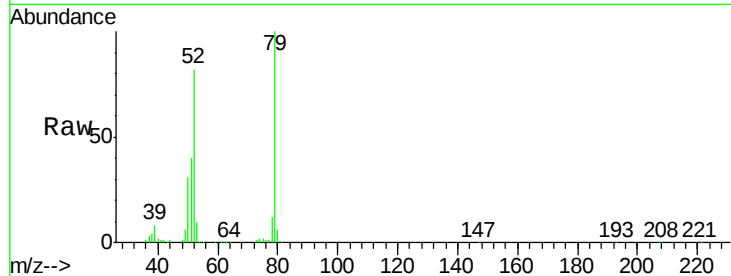
Tot Ion: 79 Resp: 573936

Ion Ratio Lower Upper

79 100

52 82.0 59.8 89.6

51 39.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 43.232 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

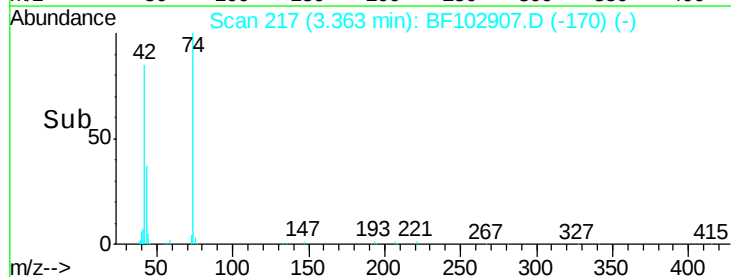
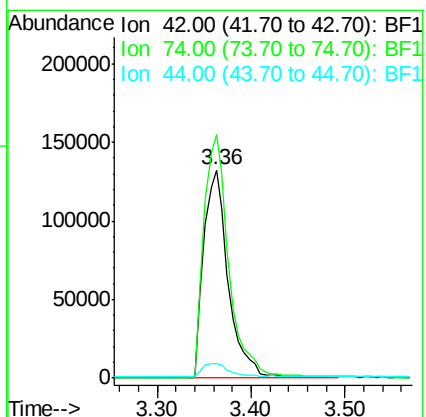
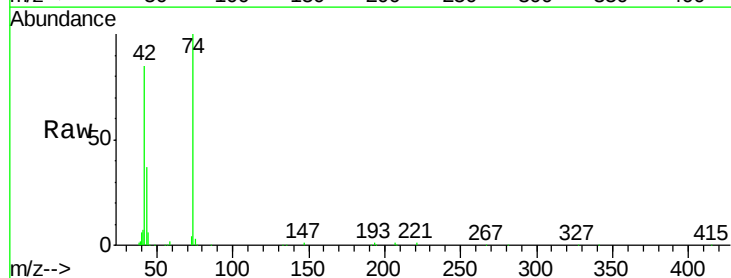
Tgt Ion: 42 Resp: 245983

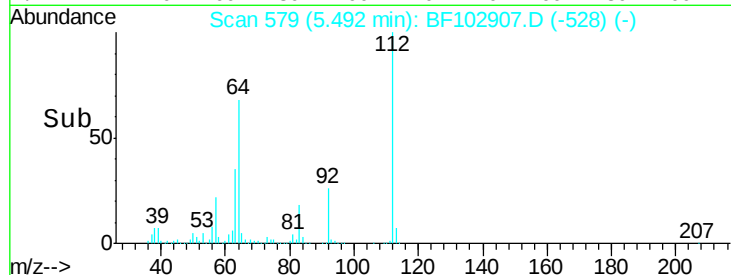
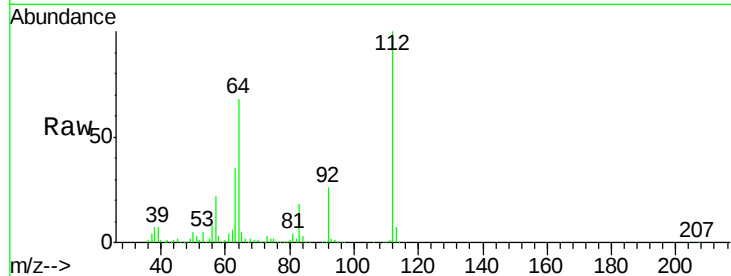
Ion Ratio Lower Upper

42 100

74 117.1 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 79.924 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

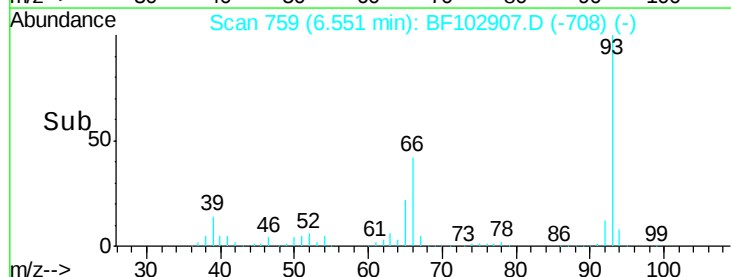
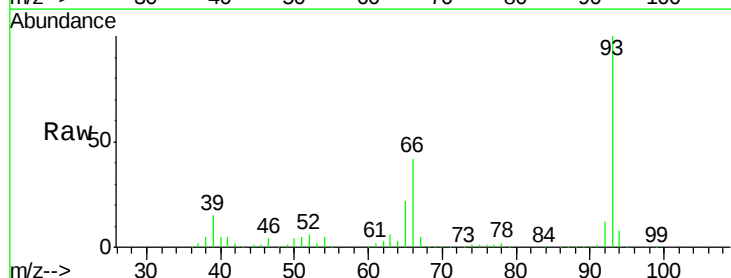
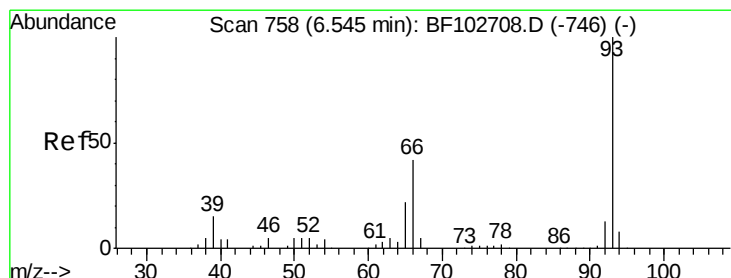
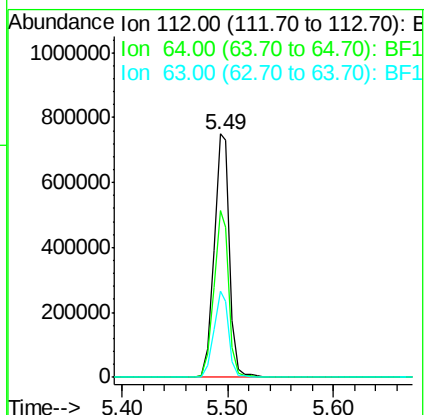
Tot Ion:112 Resp: 778870

Ion Ratio Lower Upper

112 100

64 68.4 47.9 71.9

63 35.4 23.7 35.5



#6

Aniline

Concen: 40.395 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

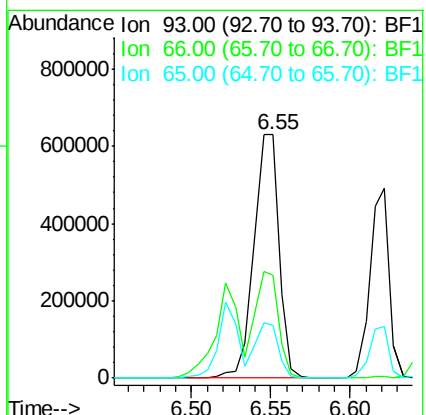
Tgt Ion: 93 Resp: 699978

Ion Ratio Lower Upper

93 100

66 42.0 32.2 48.2

65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 80.719 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

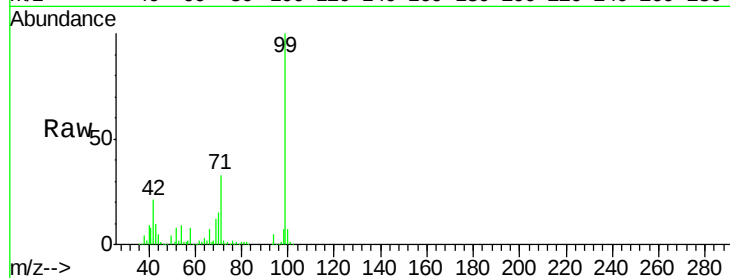
Tot Ion: 99 Resp: 947150

Ion Ratio Lower Upper

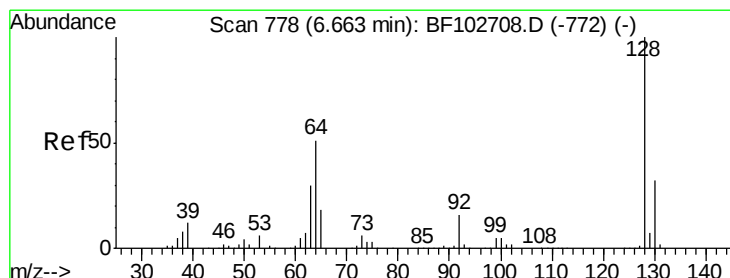
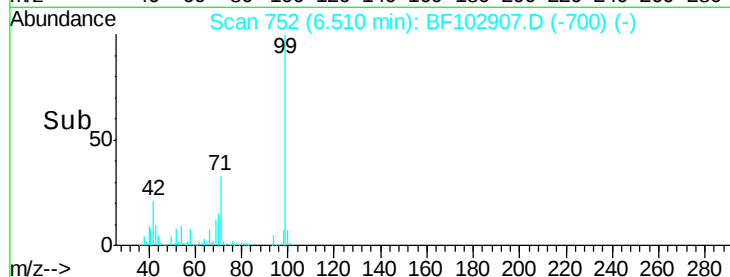
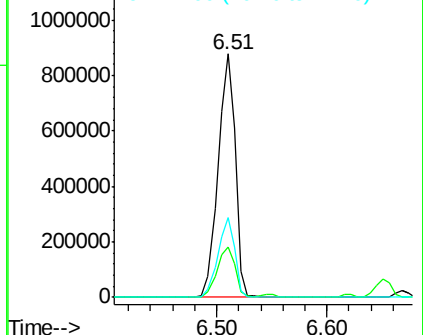
99 100

42 20.8 14.5 21.7

71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.963 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

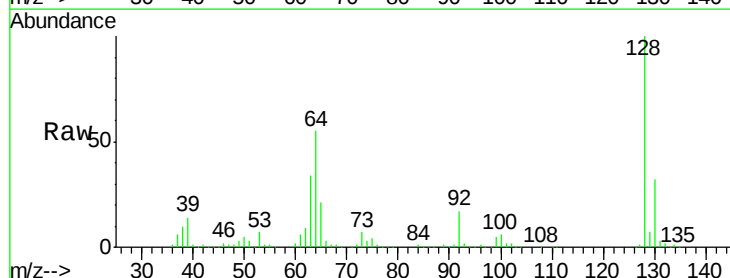
Tgt Ion: 128 Resp: 400944

Ion Ratio Lower Upper

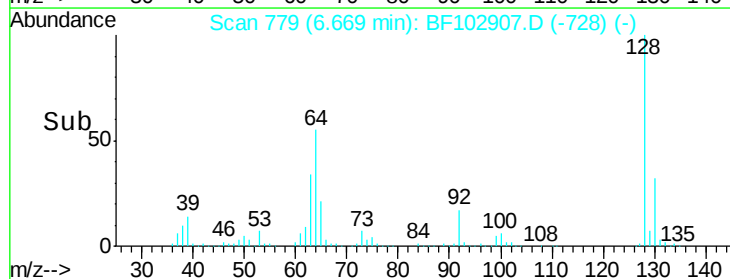
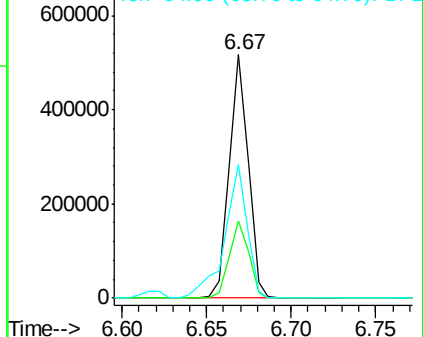
128 100

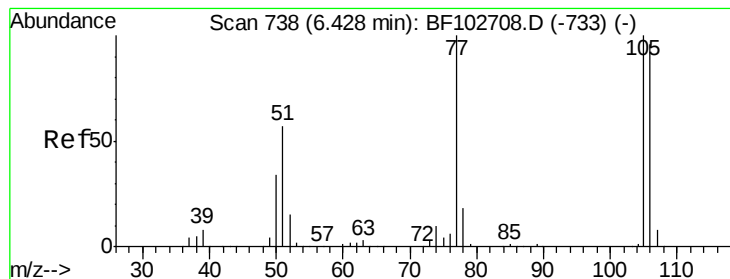
130 31.9 13.0 53.0

64 55.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.485 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

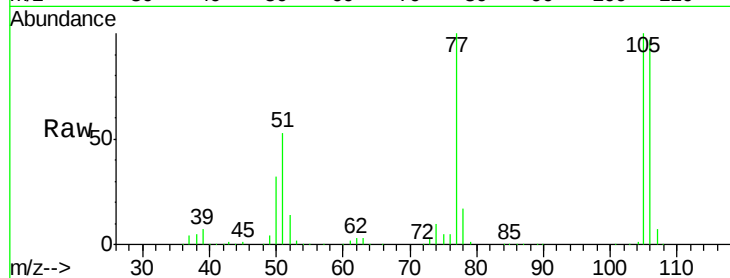
Tot Ion: 77 Resp: 326637

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

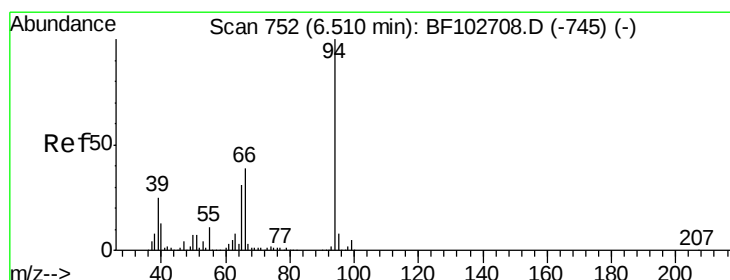
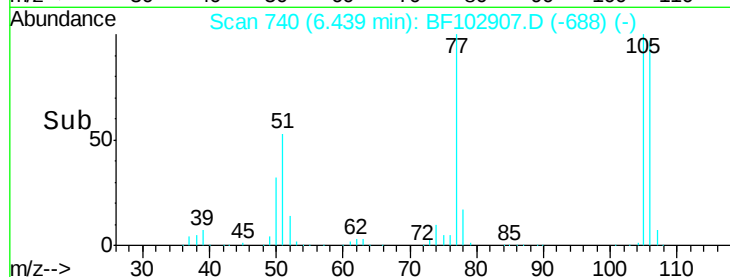
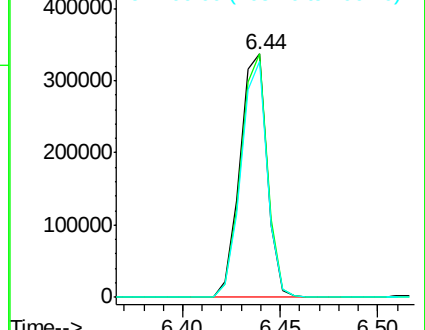
106 97.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.978 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

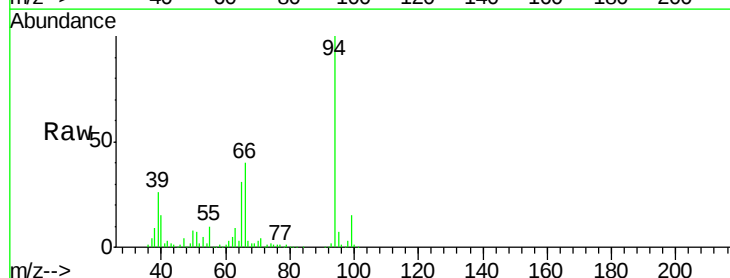
Tgt Ion: 94 Resp: 515304

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

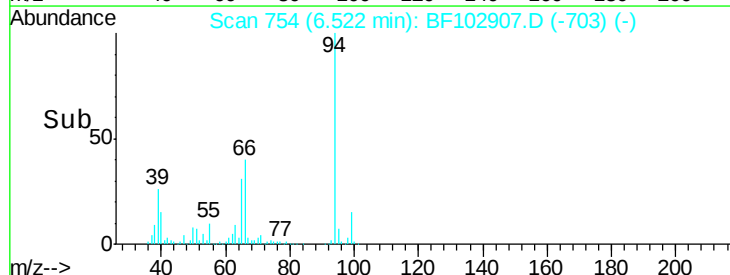
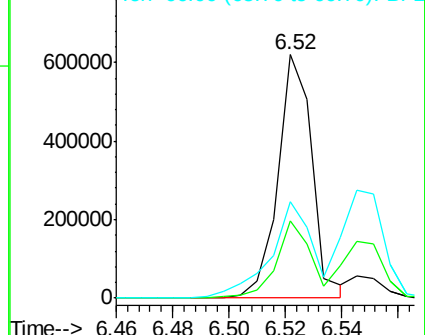
66 39.7 16.2 56.2

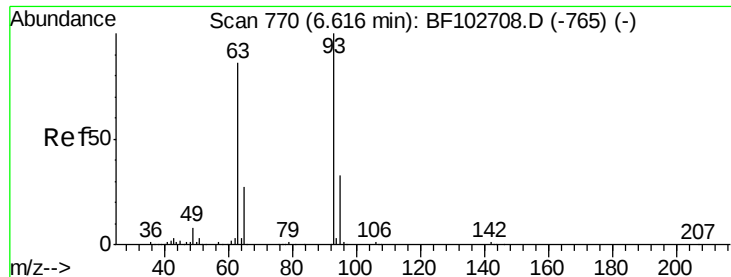


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.977 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

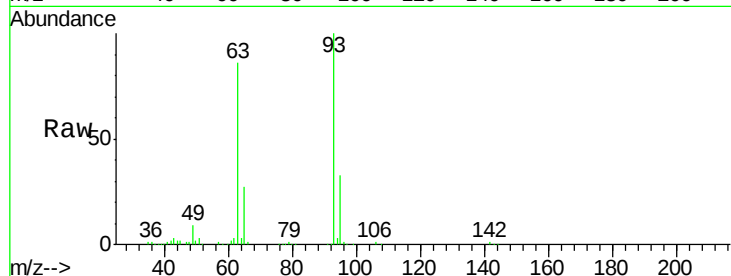
Tot Ion: 93 Resp: 418311

Ion Ratio Lower Upper

93 100

63 86.1 58.6 98.6

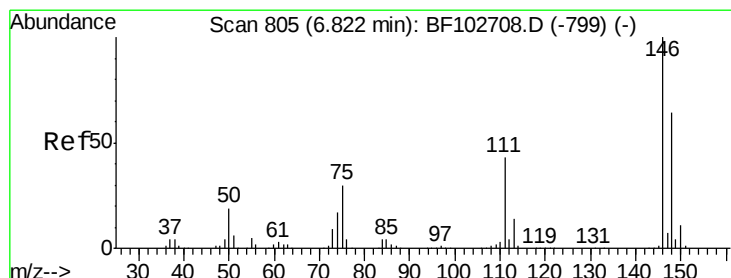
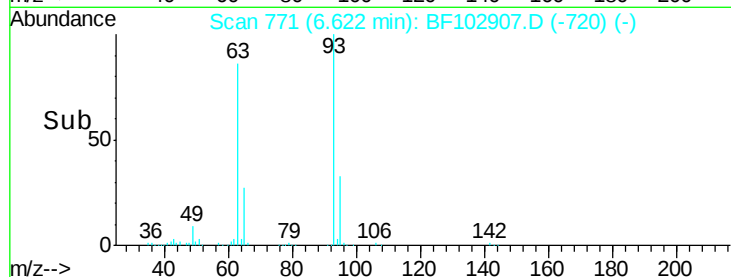
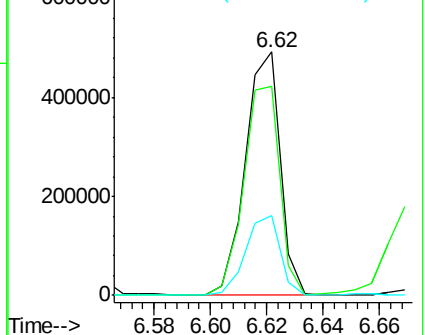
95 32.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.088 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

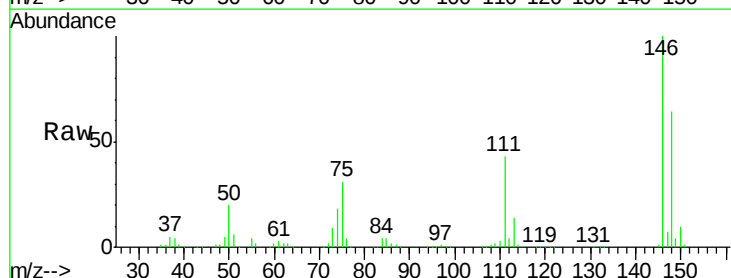
Tgt Ion: 146 Resp: 454124

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

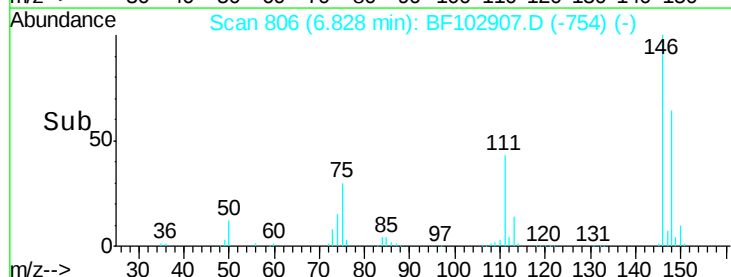
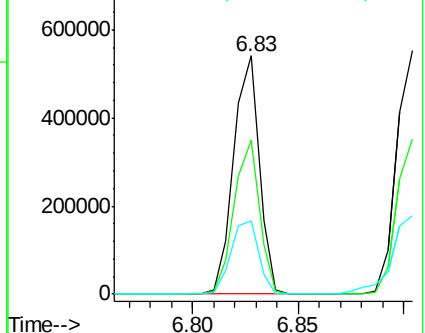
75 30.8 24.2 36.4

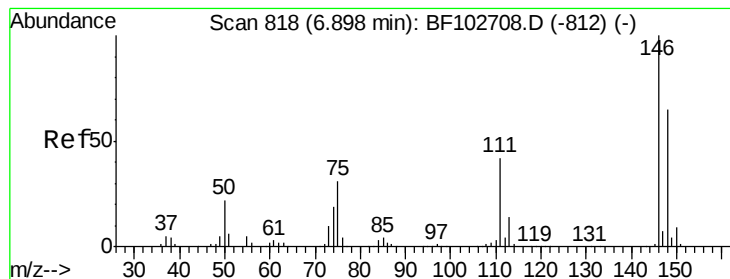


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.241 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

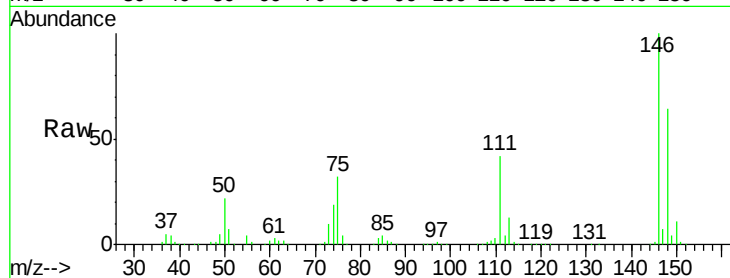
Tot Ion:146 Resp: 454145

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

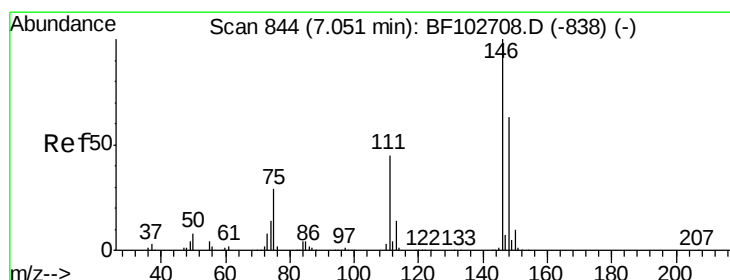
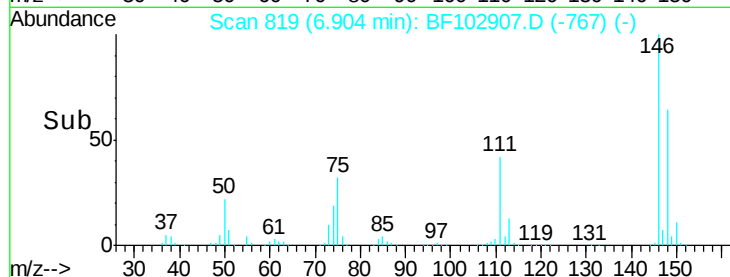
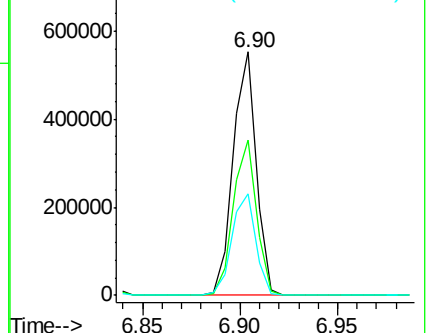
111 41.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.934 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

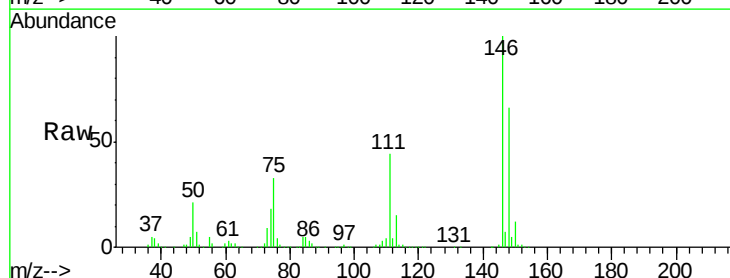
Tgt Ion:146 Resp: 419690

Ion Ratio Lower Upper

146 100

148 66.0 50.6 75.8

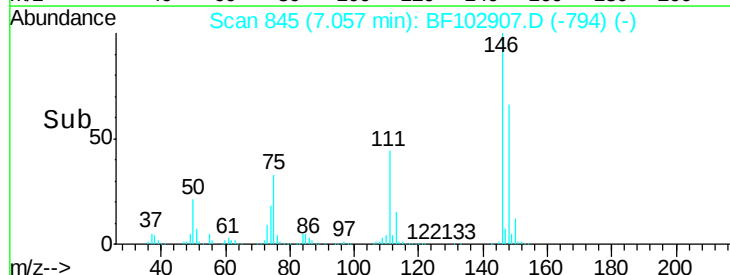
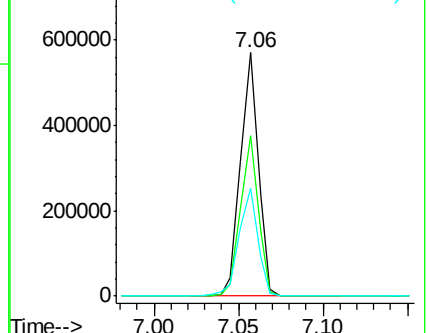
111 44.3 36.0 54.0

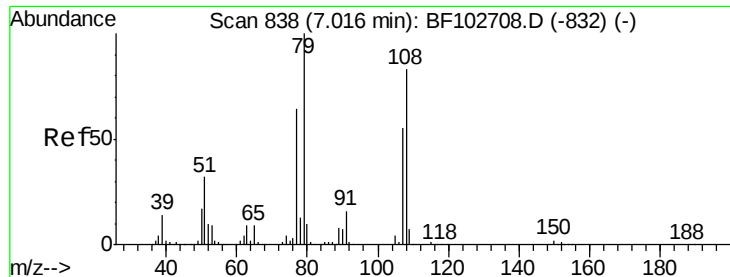


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.358 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

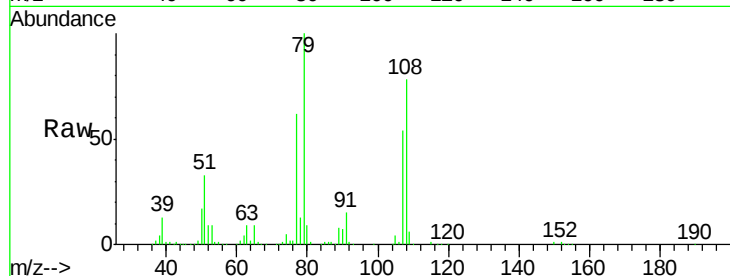
Tot Ion: 79 Resp: 382129

Ion Ratio Lower Upper

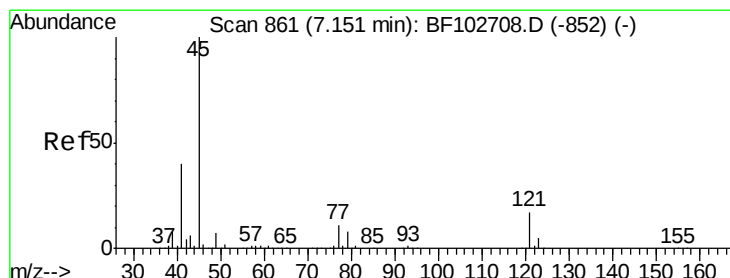
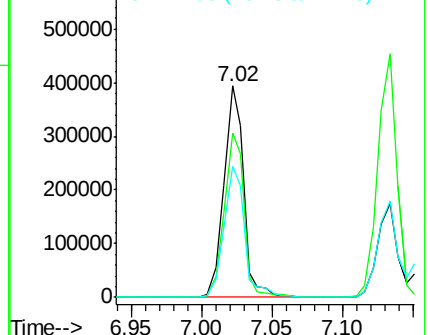
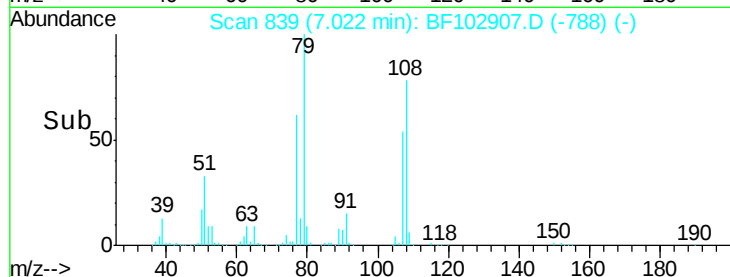
79 100

108 77.6 65.1 97.7

77 62.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.265 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

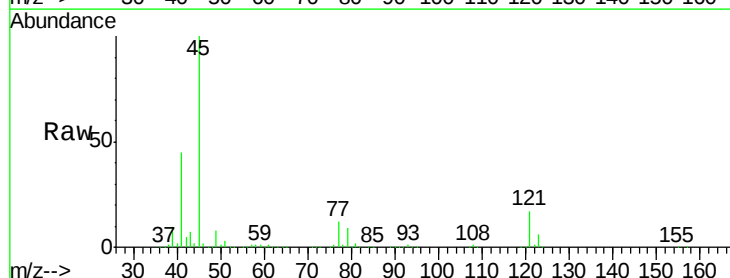
Tgt Ion: 45 Resp: 740724

Ion Ratio Lower Upper

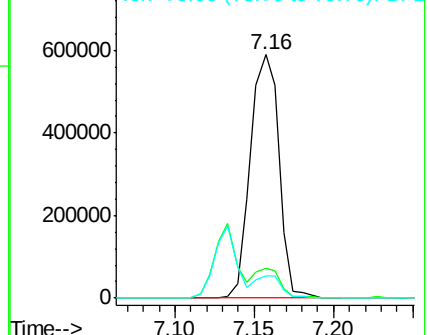
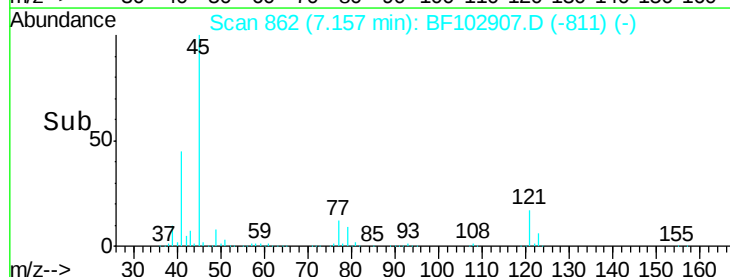
45 100

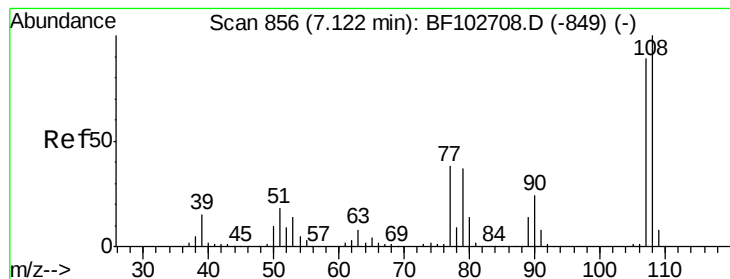
77 12.4 0.0 32.9

79 9.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

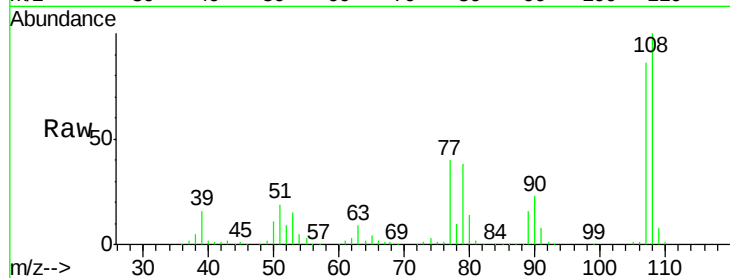




#17
2-Methylphenol
Concen: 39.520 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.4	91.7	137.5
77	46.1	33.8	50.8
79	44.7	33.8	50.8



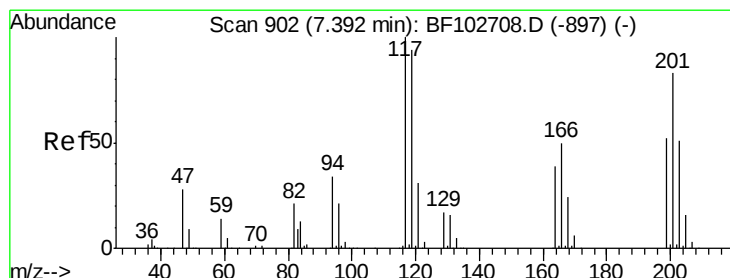
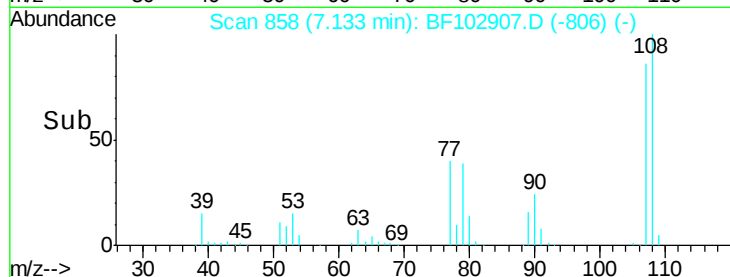
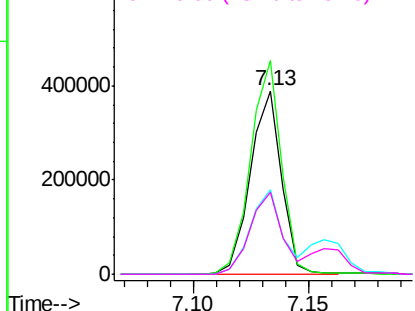
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

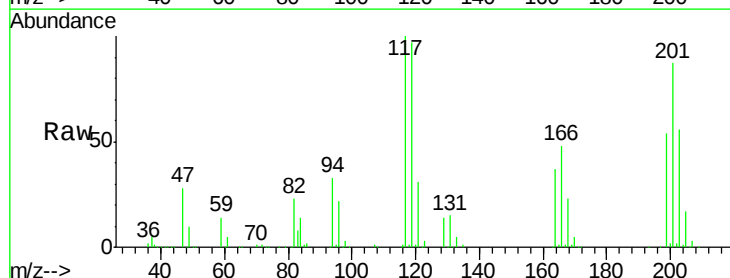
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.096 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	86.8	75.7	113.5

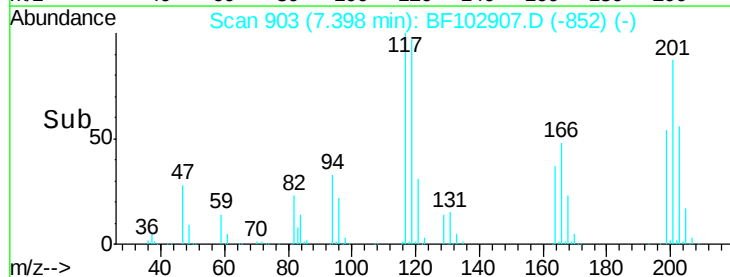
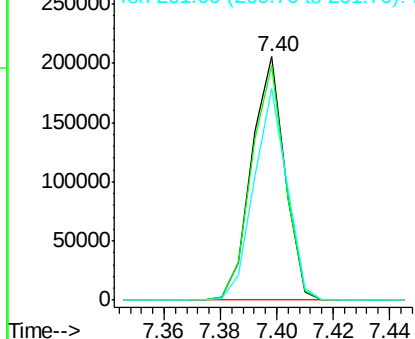


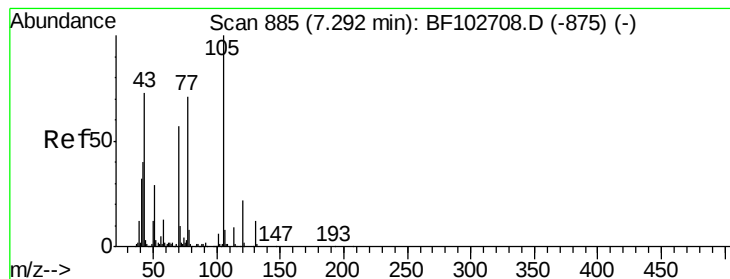
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.208 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 303331

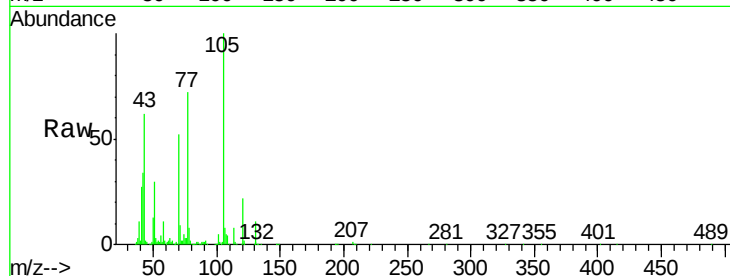
Ion Ratio Lower Upper

70 100

42 64.2 47.5 71.3

101 9.0 7.4 11.2

130 21.4 16.6 25.0

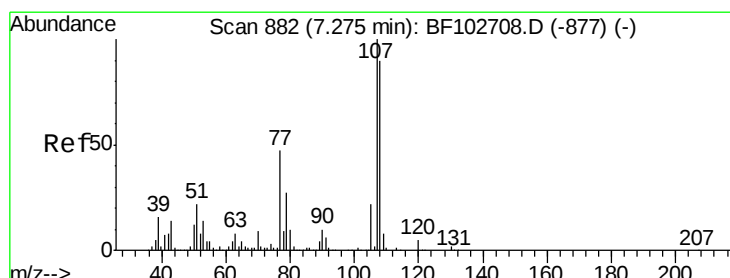
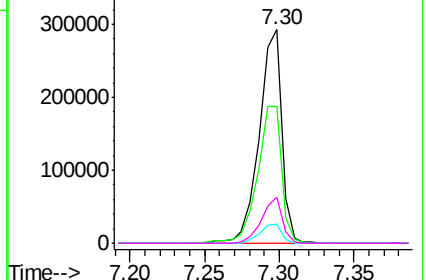
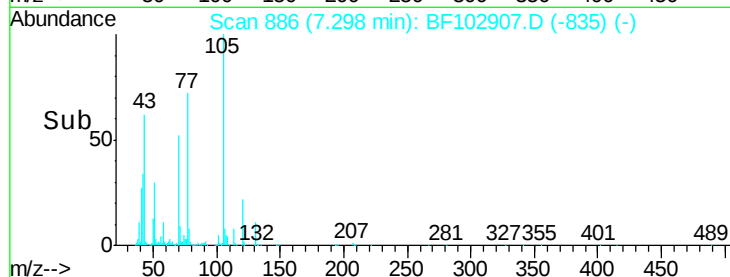


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.251 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion: 107 Resp: 447943

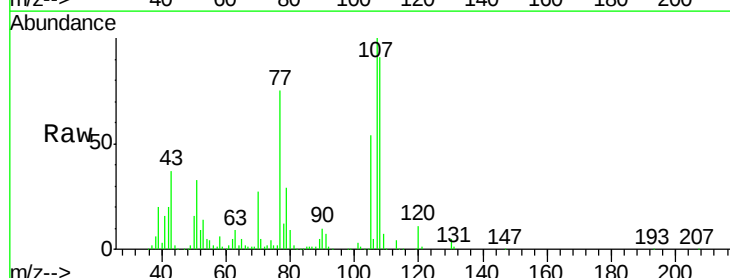
Ion Ratio Lower Upper

107 100

108 90.8 68.2 108.2

77 74.6 26.7 66.7#

79 28.8 6.3 46.3

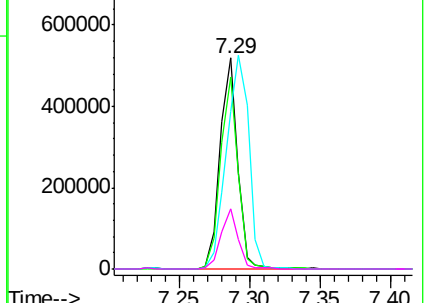
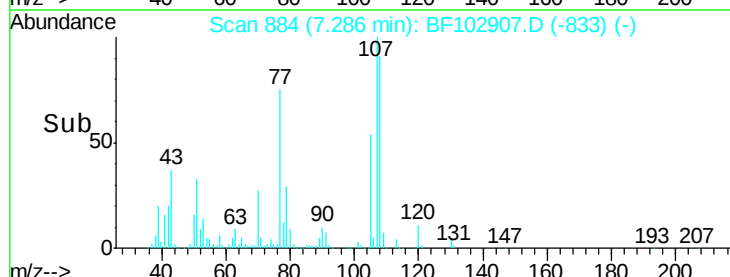


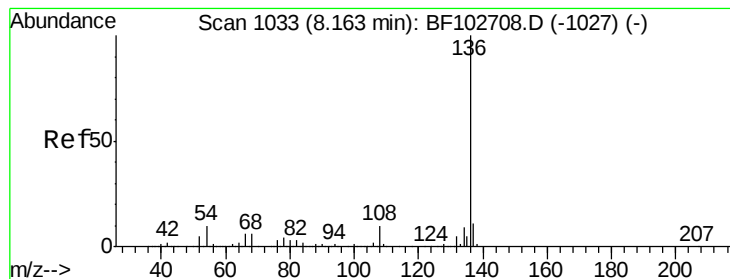
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 639995

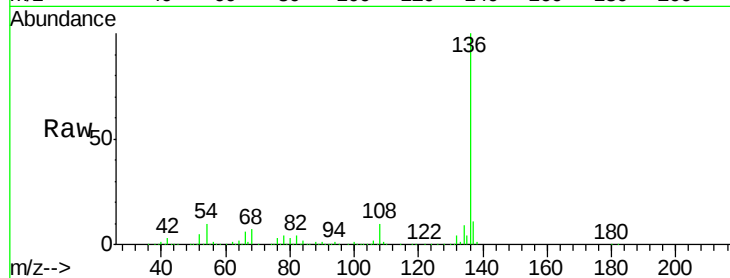
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.6 6.6 9.8

68 6.6 5.0 7.4

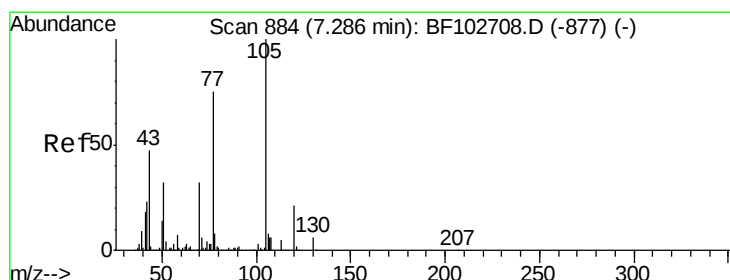
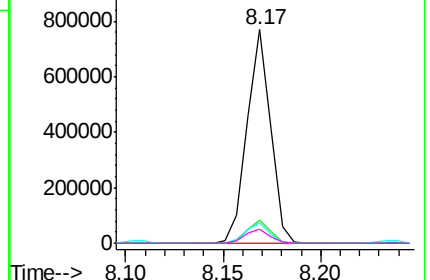
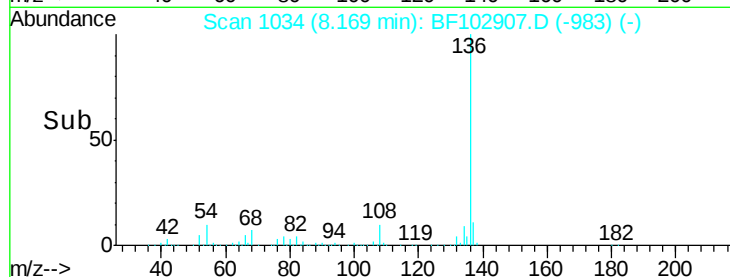


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.974 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:105 Resp: 579059

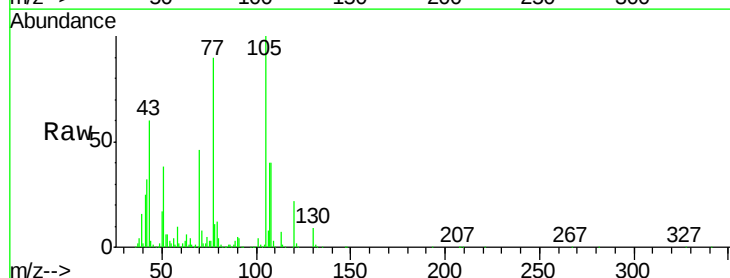
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 37.7 22.3 33.5#

120 21.6 16.9 25.3

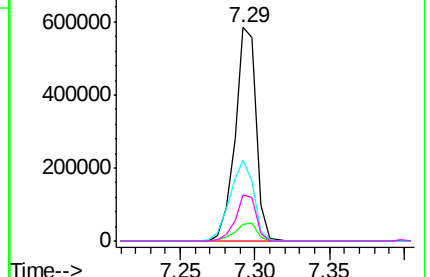
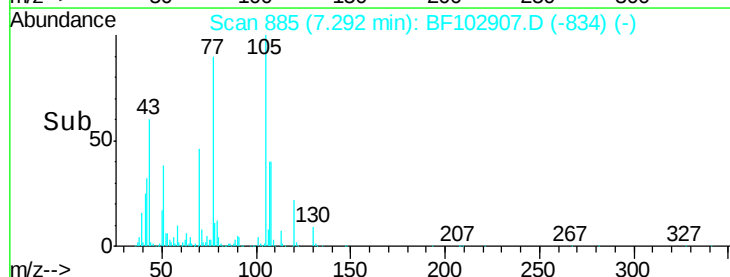


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

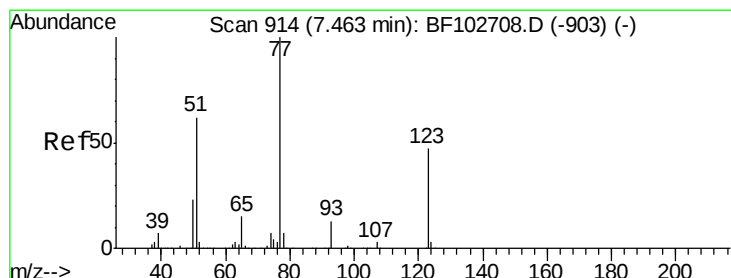
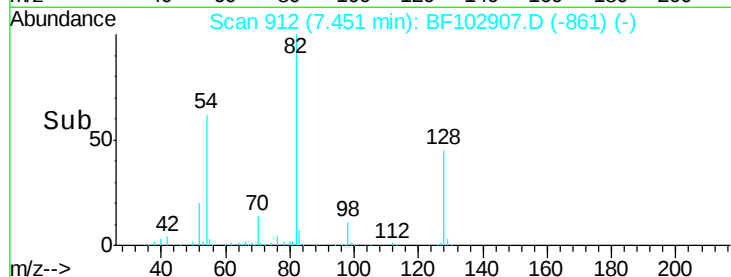
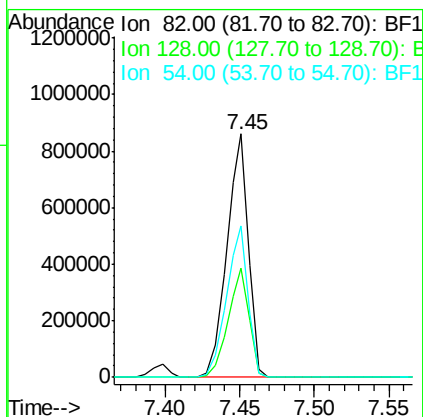
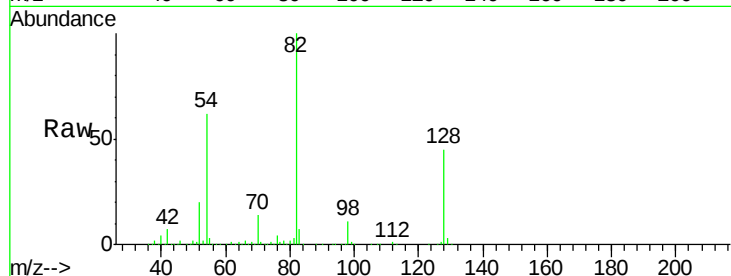




#23
 Nitrobenzene-d5
 Concen: 95.010 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

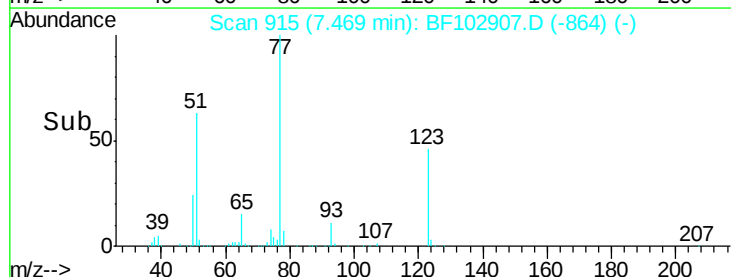
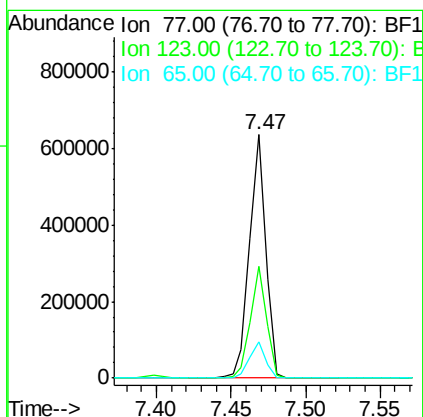
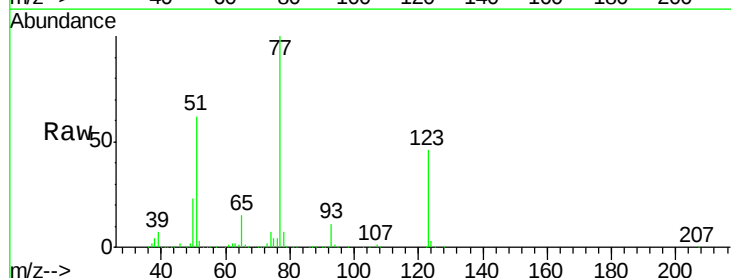
Instrument :
 BNA_F
 ClientSampled :

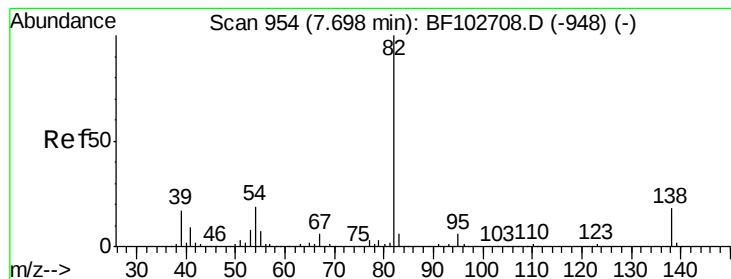
Tot Ion: 82 Resp: 876542
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 62.3 41.4 62.2#



#24
 Nitrobenzene
 Concen: 44.478 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion: 77 Resp: 482692
 Ion Ratio Lower Upper
 77 100
 123 45.9 37.9 56.9
 65 14.7 11.0 16.4





#25

Isophorone

Concen: 39.380 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

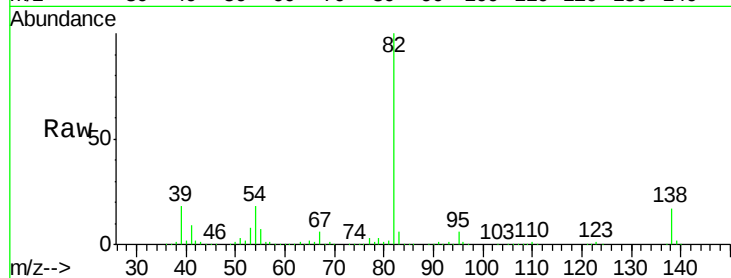
Tot Ion: 82 Resp: 836573

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

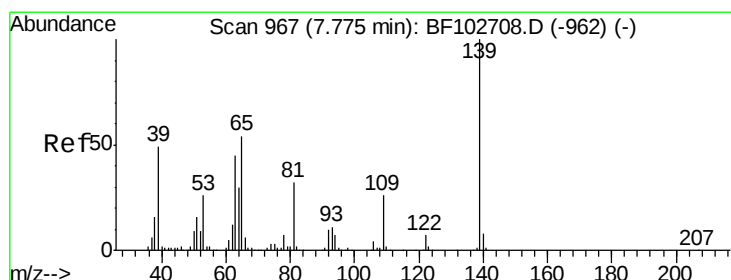
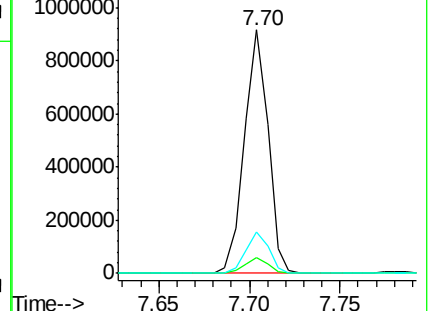
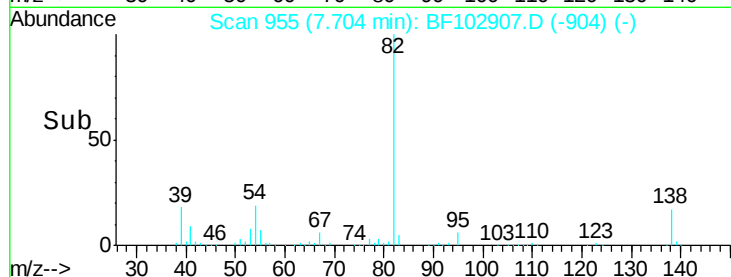
138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.346 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

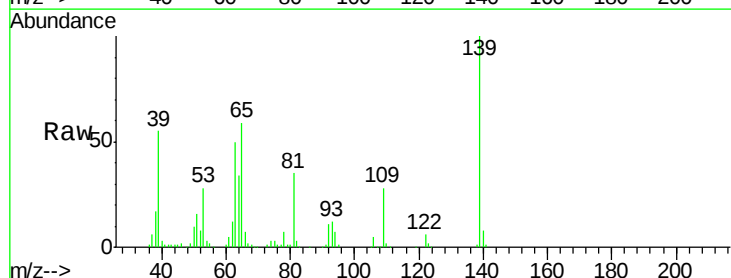
Tgt Ion: 139 Resp: 226763

Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

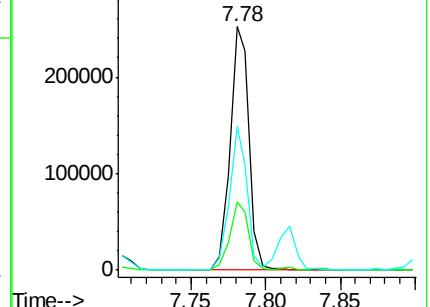
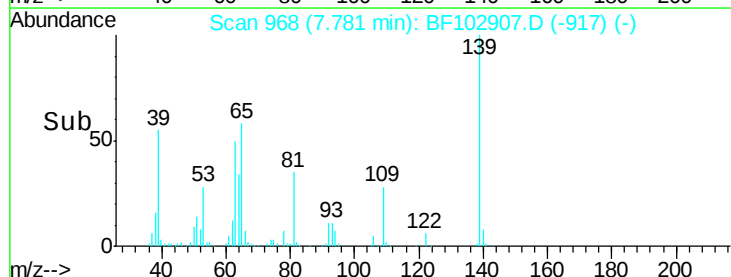
65 59.0 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

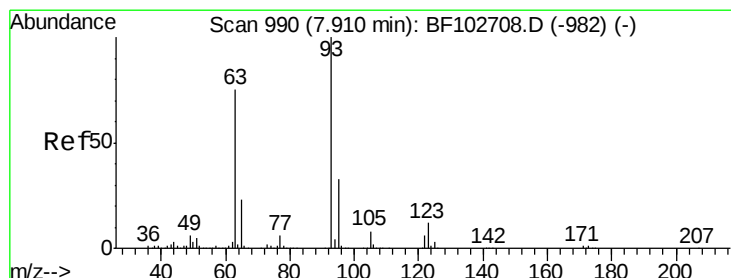
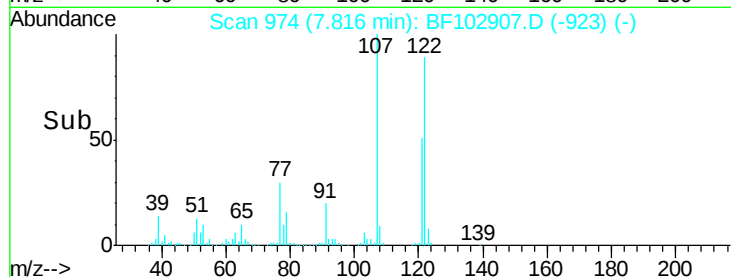
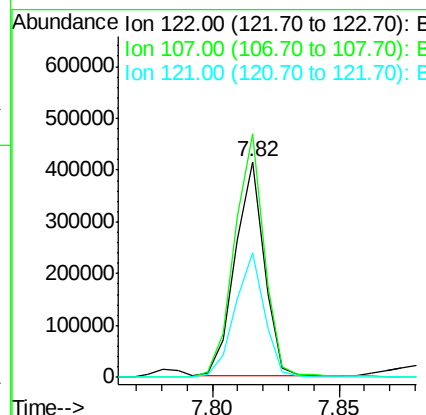
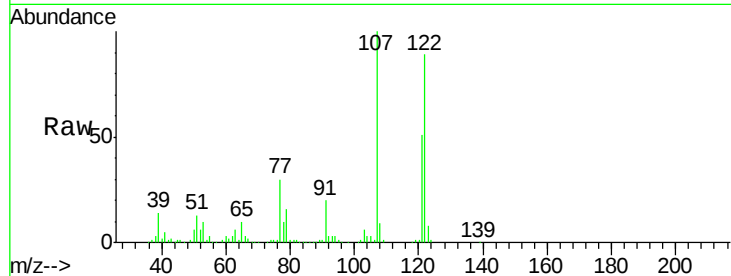




#27
 2,4-Dimethylphenol
 Concen: 36.598 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

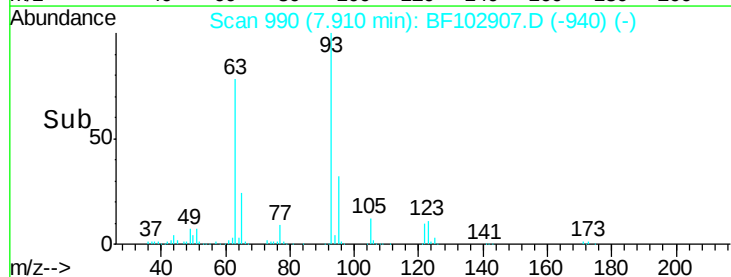
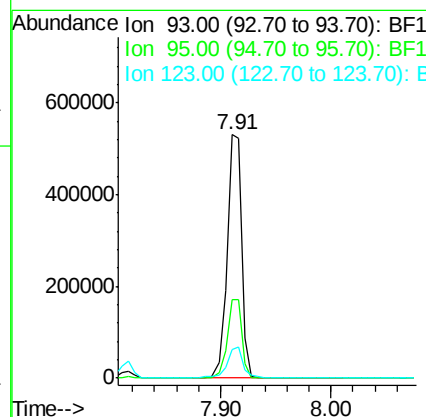
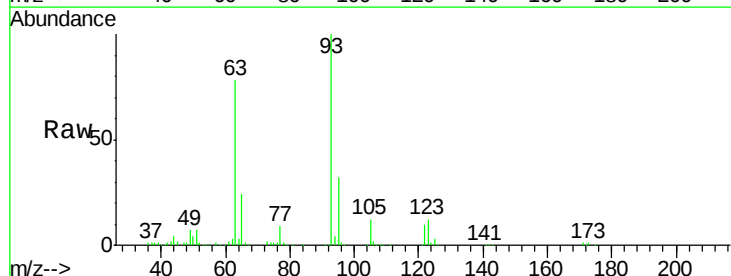
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 328470
 Ion Ratio Lower Upper
 122 100
 107 112.9 91.2 136.8
 121 57.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.995 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion: 93 Resp: 490740
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 11.5 9.8 14.6

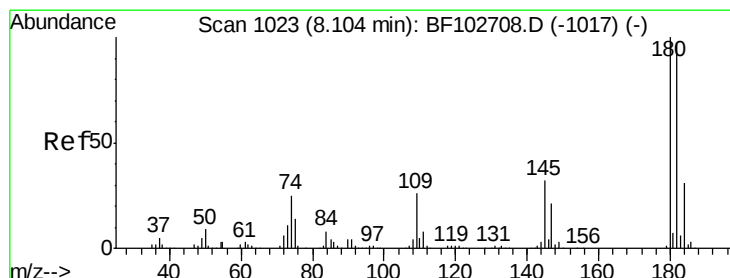
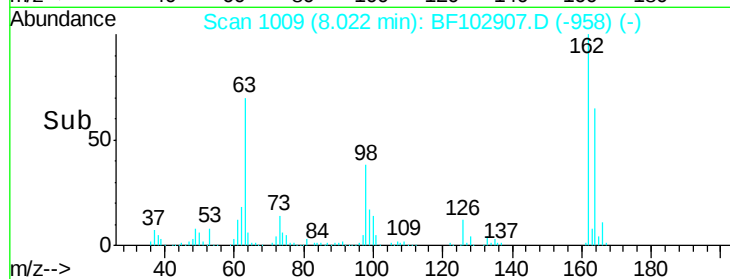
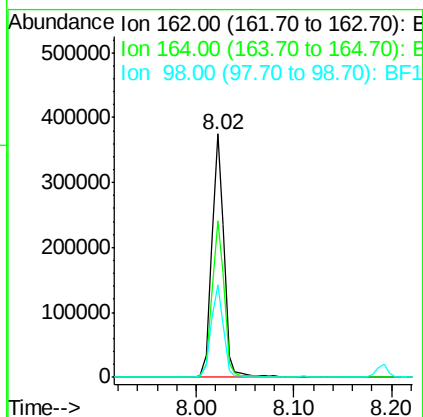
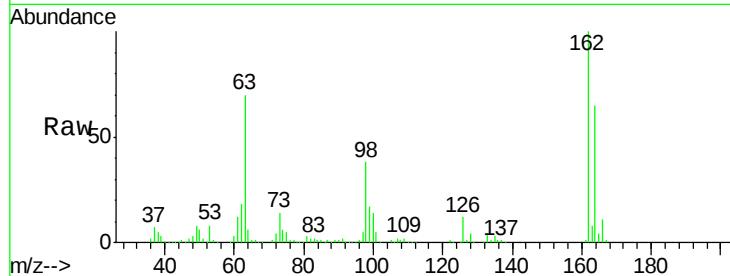




#29
 2,4-Dichlorophenol
 Concen: 39.754 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

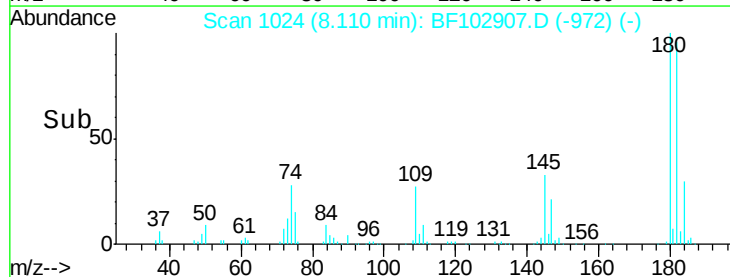
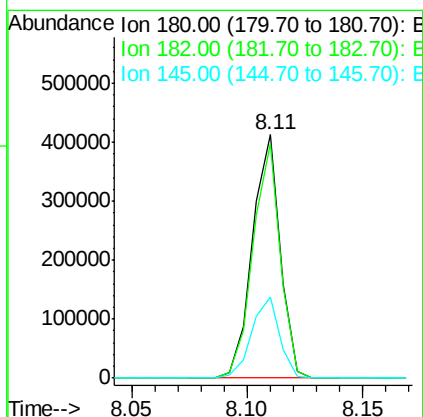
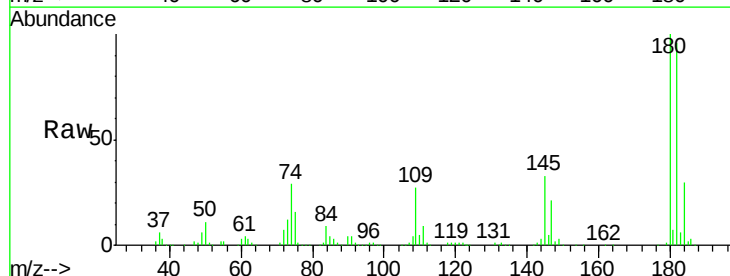
Instrument :
 BNA_F
 ClientSampleId :

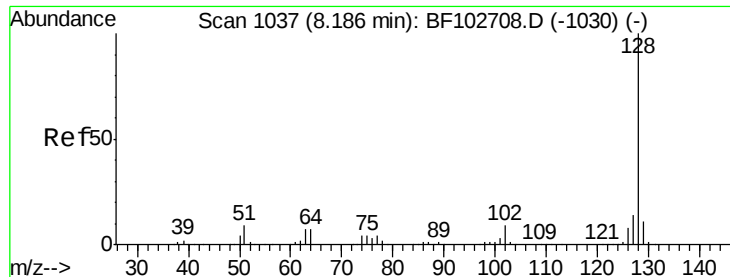
Tot Ion:	162	Resp:	324346
Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	38.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.552 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:	180	Resp:	346605
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	33.3	26.5	39.7

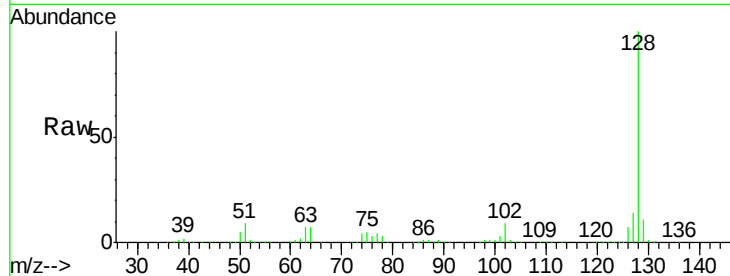




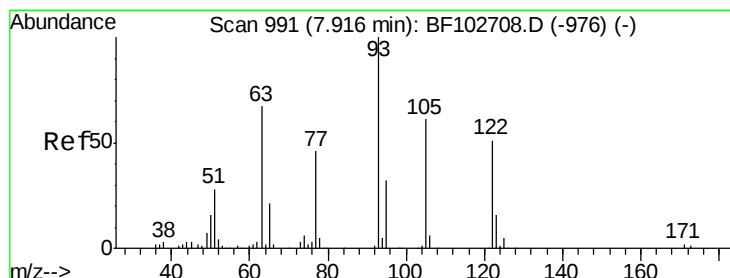
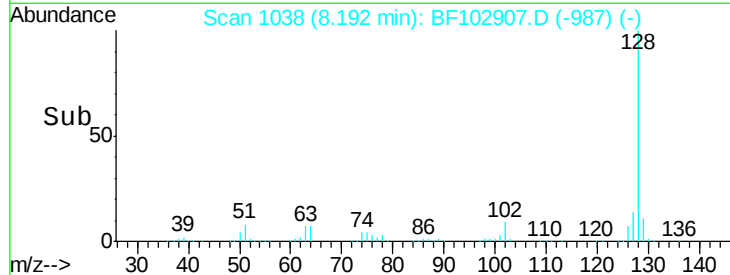
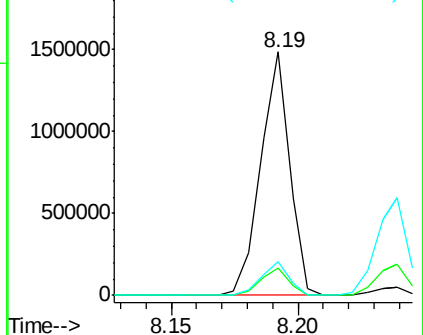
#31
Naphthalene
Concen: 38.049 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1189750
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.9 16.3

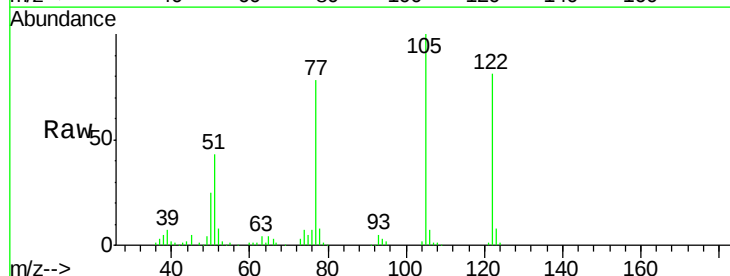


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

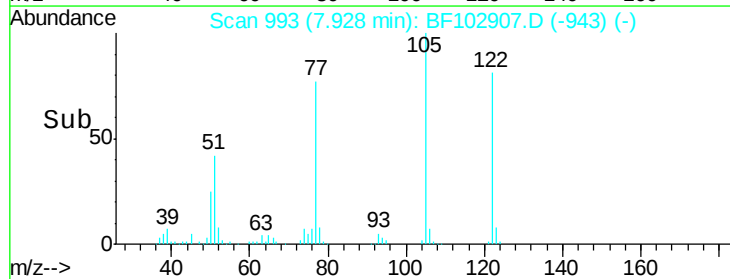
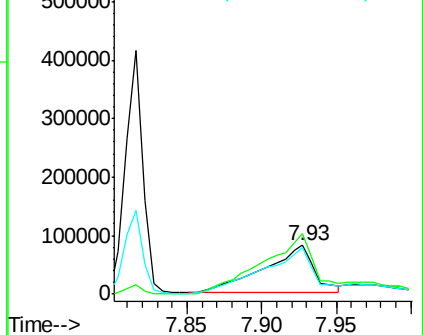


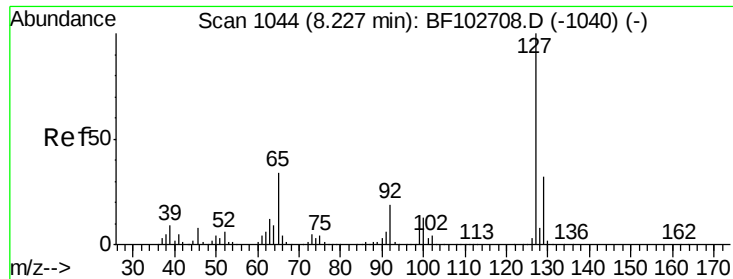
#32
Benzoic acid
Concen: 34.557 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:122 Resp: 190235
Ion Ratio Lower Upper
122 100
105 124.0 101.1 141.1
77 96.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

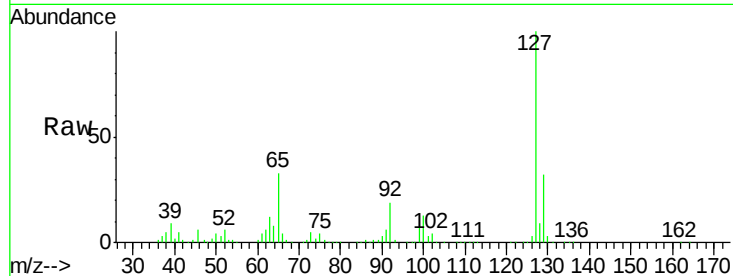




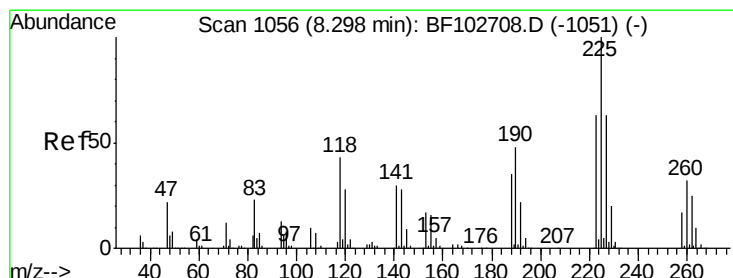
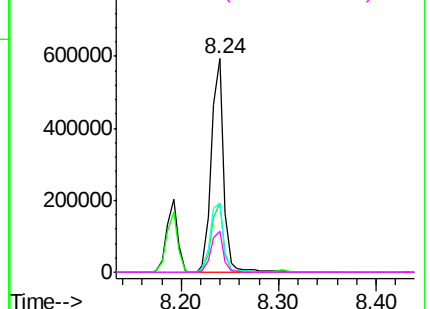
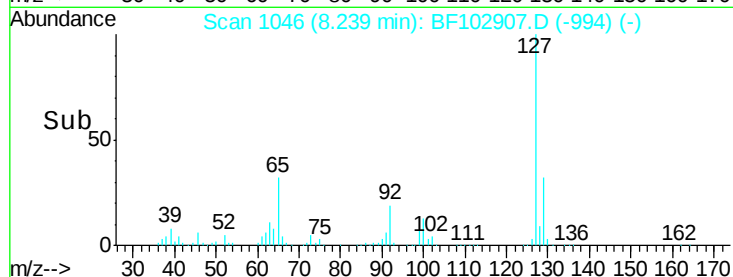
#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	521100
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	32.6	25.0	37.4
92	19.0	15.2	22.8

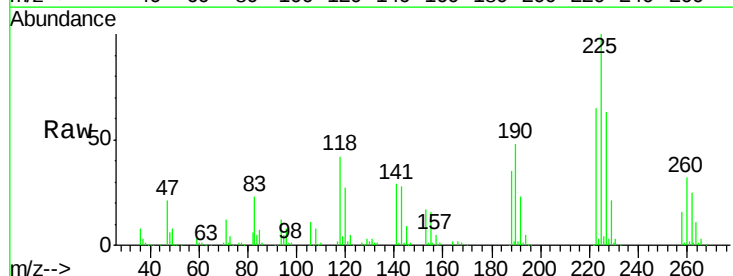


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

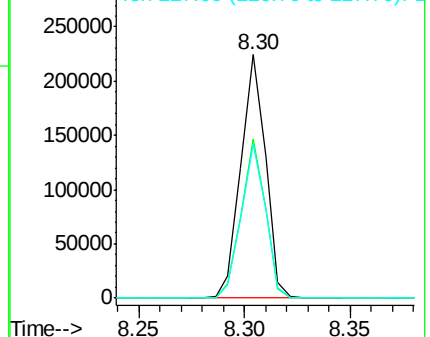
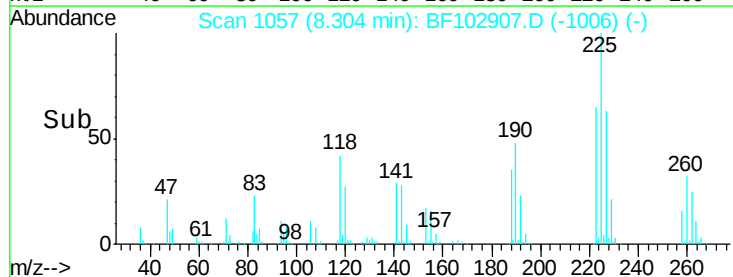


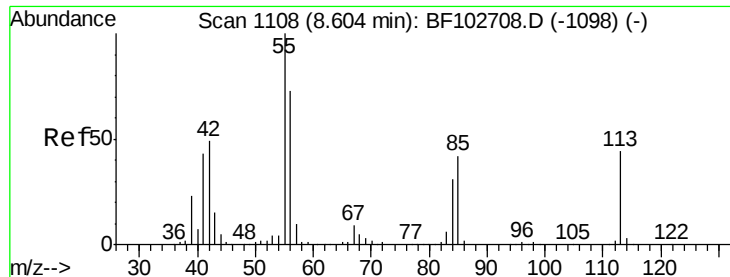
#34
Hexachlorobutadiene
Concen: 38.164 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:	225	Resp:	180503
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.6	76.0
227	63.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

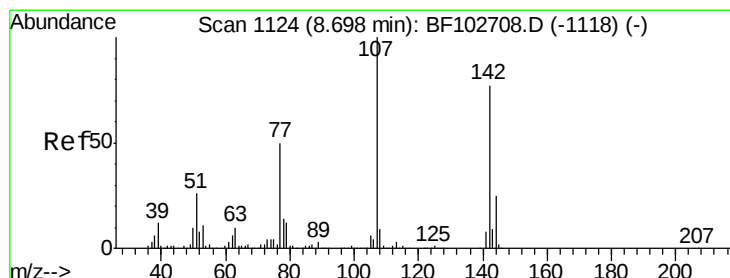
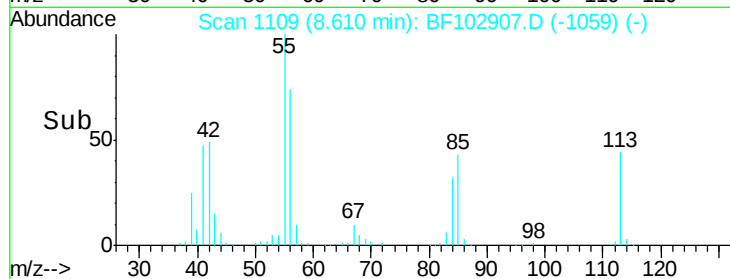
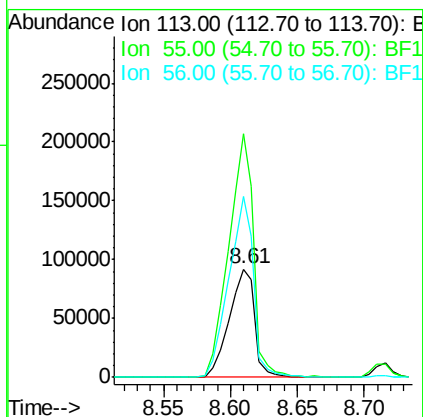
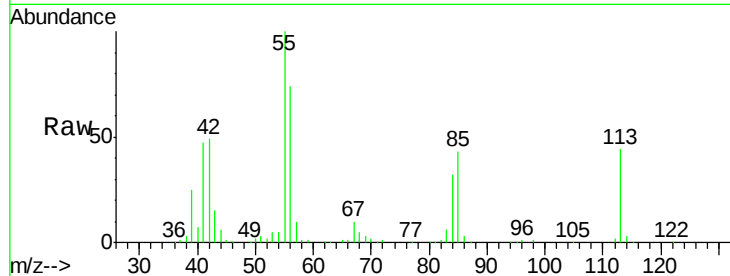




#35
 Caprolactam
 Concen: 43.565 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

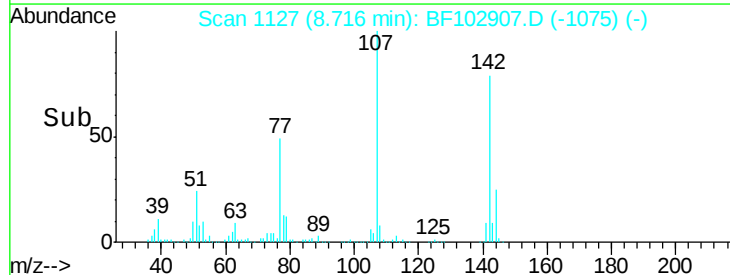
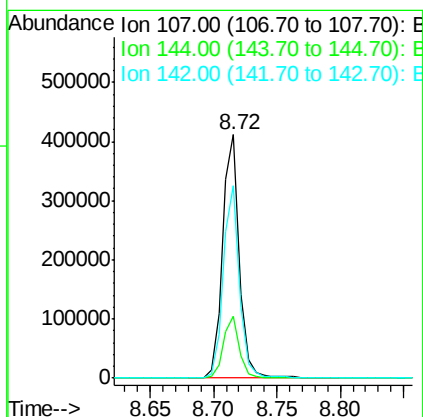
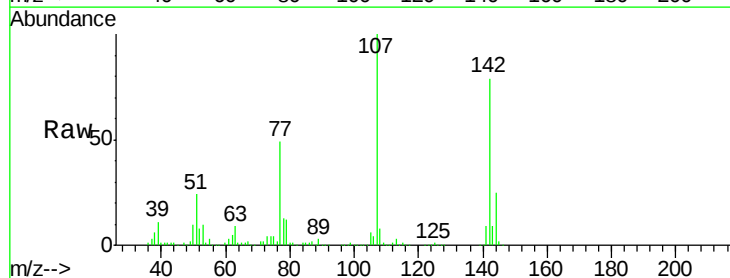
Instrument :
 BNA_F
 ClientSampleId :

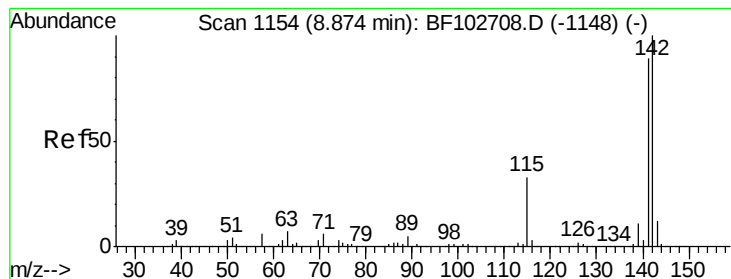
Tot Ion:113 Resp: 123439
 Ion Ratio Lower Upper
 113 100
 55 225.1 163.3 203.3#
 56 166.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.272 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:107 Resp: 378349
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 79.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.542 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

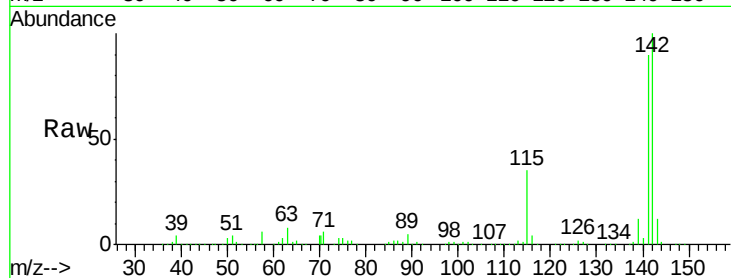
Tot Ion:142 Resp: 768559

Ion Ratio Lower Upper

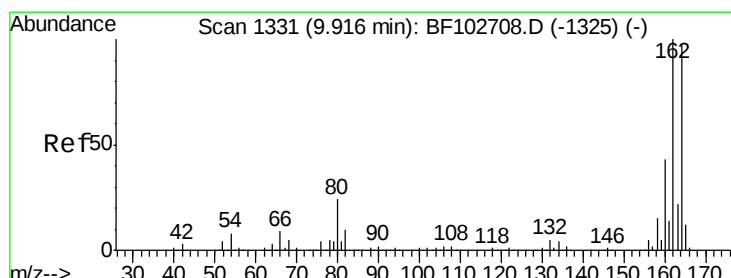
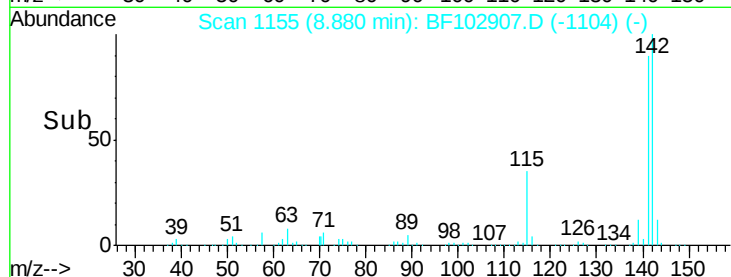
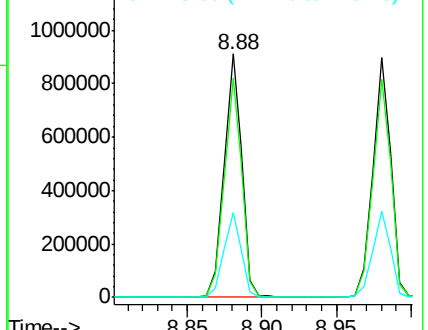
142 100

141 90.1 70.8 106.2

115 34.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

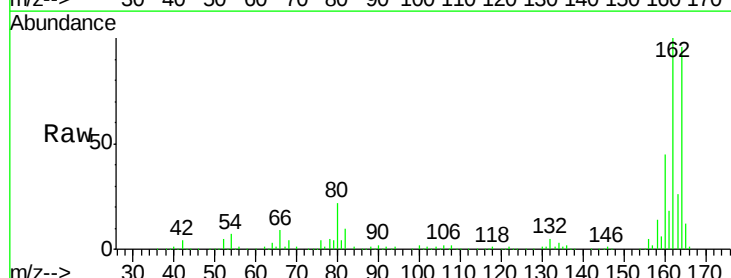
Tgt Ion:164 Resp: 298051

Ion Ratio Lower Upper

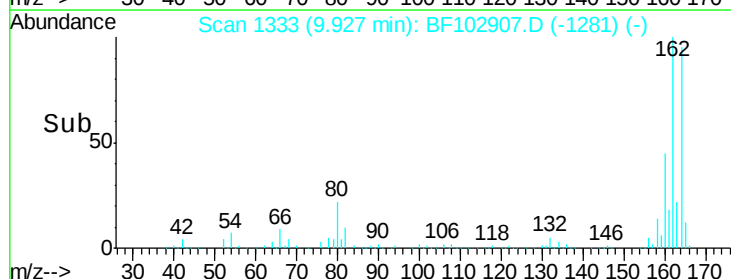
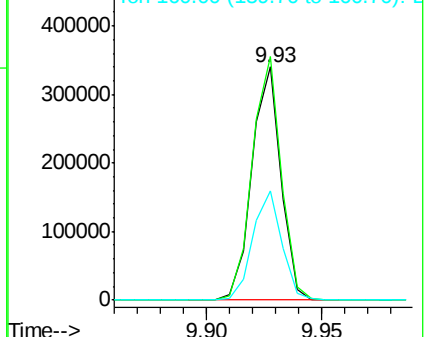
164 100

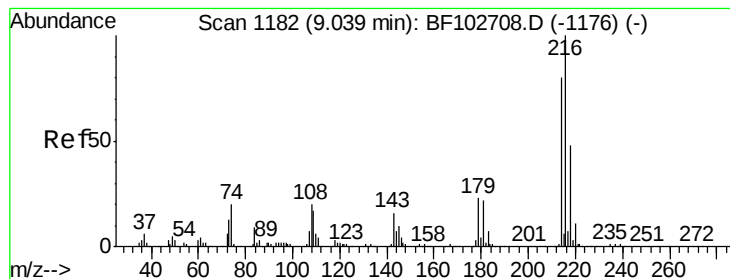
162 104.5 86.1 129.1

160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.984 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 308255

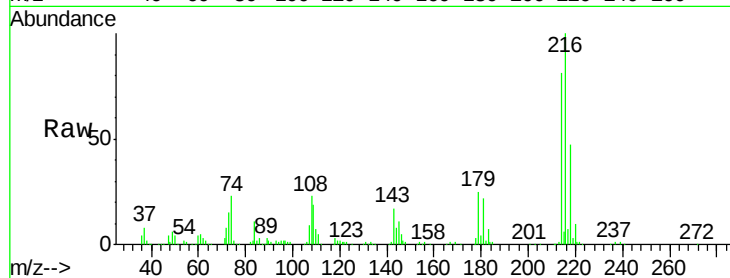
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 24.0 18.1 27.1

108 24.2 17.2 25.8

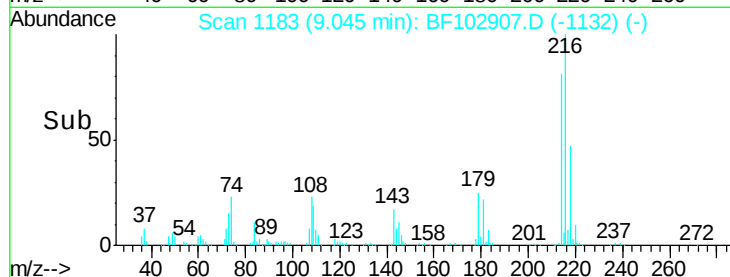


Abundance Ion 216.00 (215.70 to 216.70): E

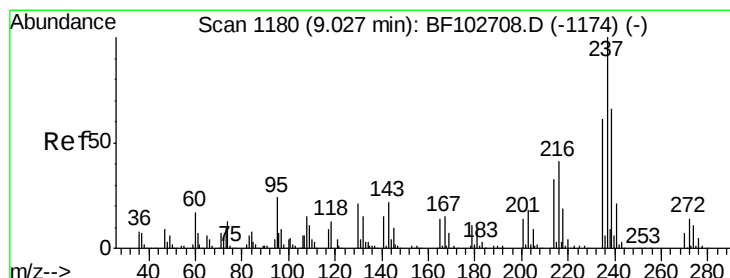
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 35.056 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

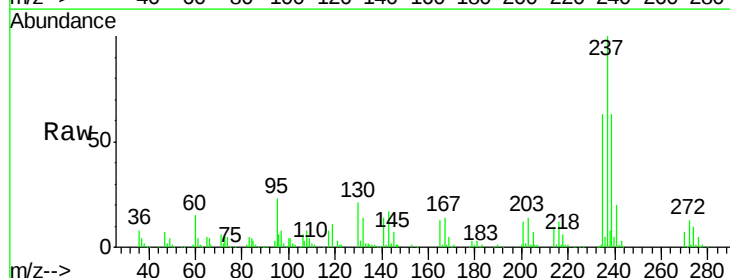
Tgt Ion:237 Resp: 135244

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

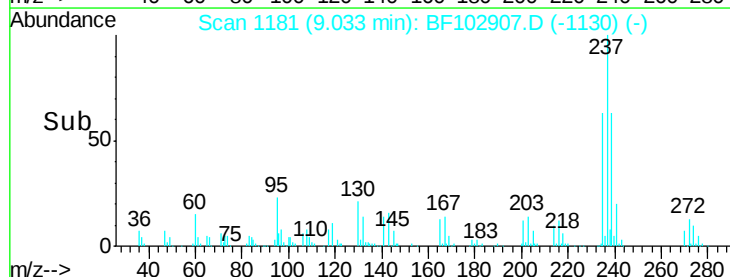
272 13.4 0.0 33.3



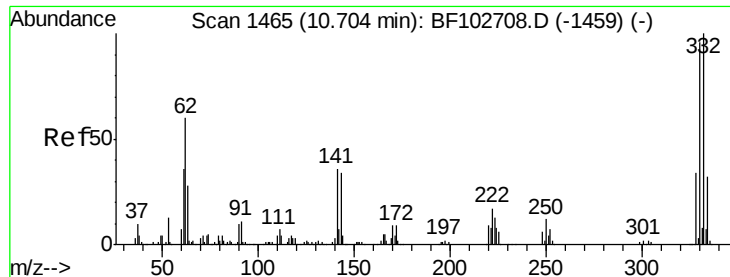
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



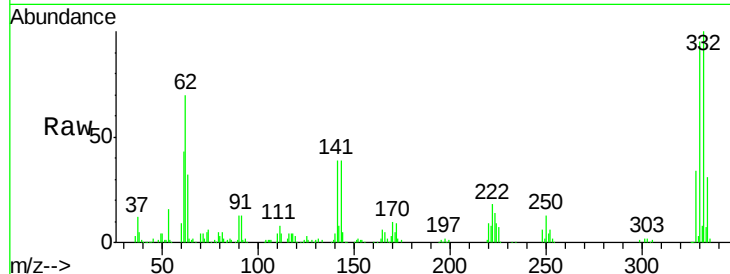
Time-->



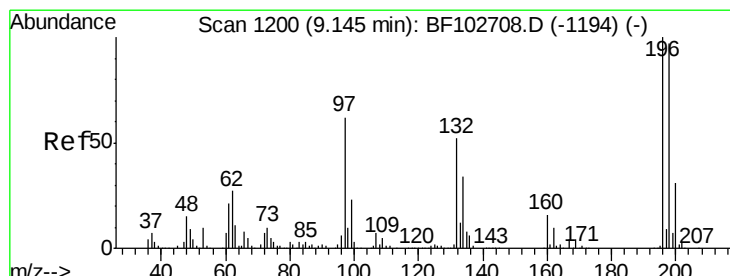
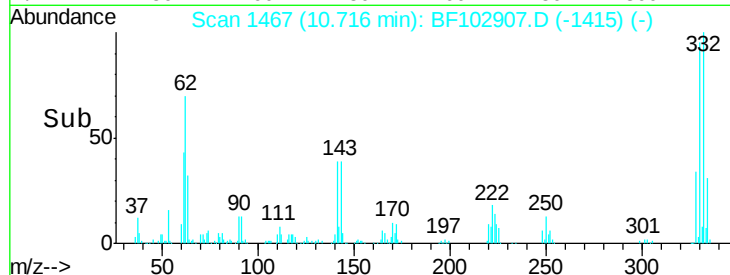
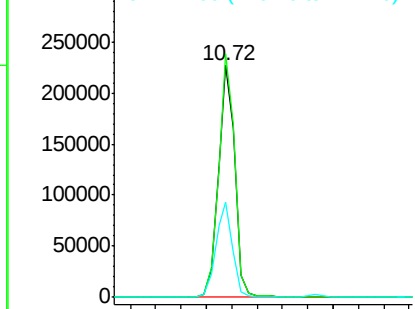
#41
 2,4,6-Tribromophenol
 Concen: 86.431 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	41.6	29.9	44.9

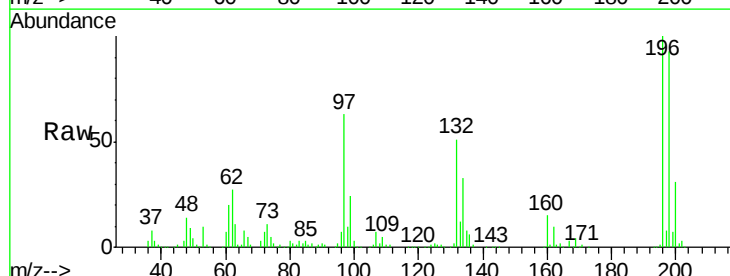


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

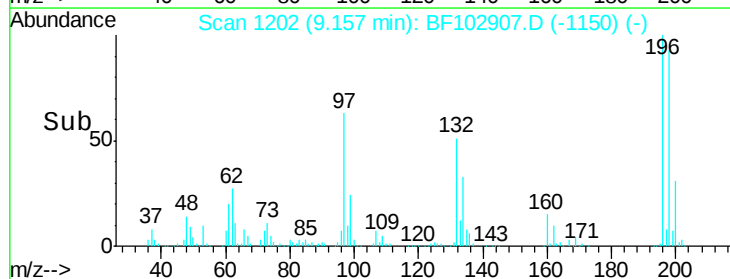
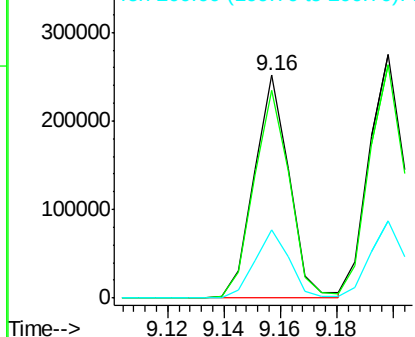


#42
 2,4,6-Trichlorophenol
 Concen: 40.561 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	30.8	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

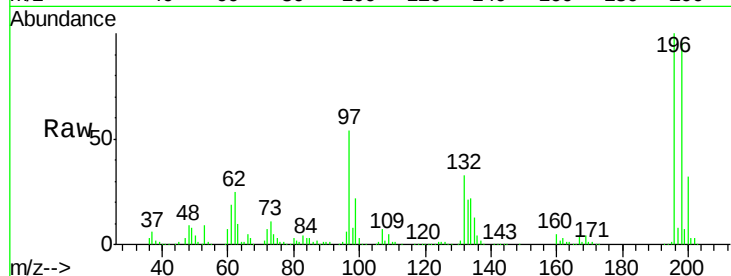




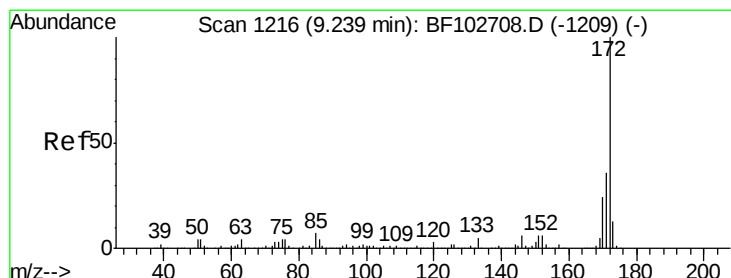
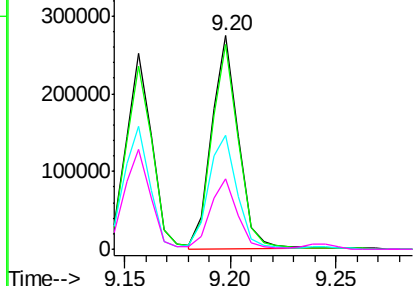
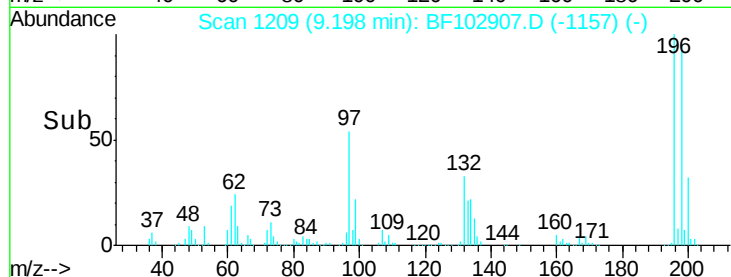
#43
 2,4,5-Trichlorophenol
 Concen: 40.268 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	241925
Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	53.6	42.9	64.3
132	33.1	26.3	39.5

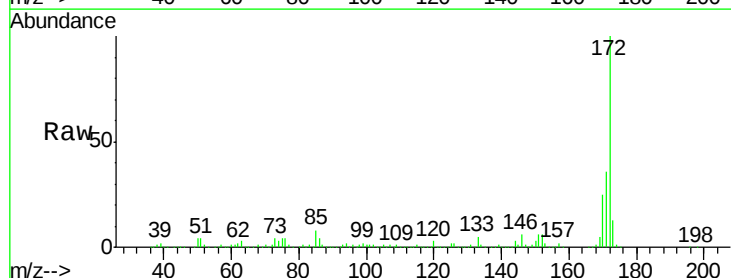


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

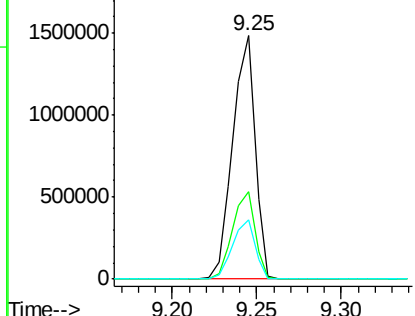
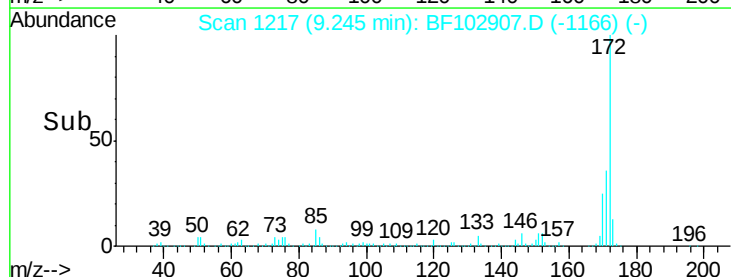


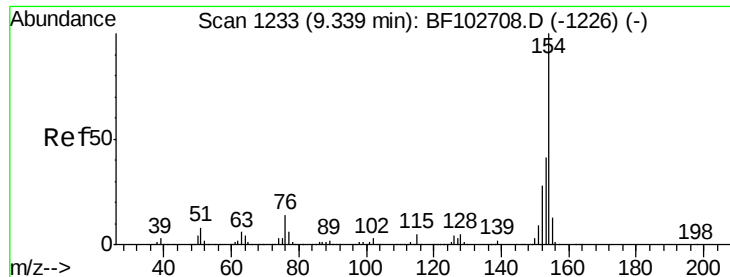
#44
 2-Fluorobiphenyl
 Concen: 76.294 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:	172	Resp:	1370373
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

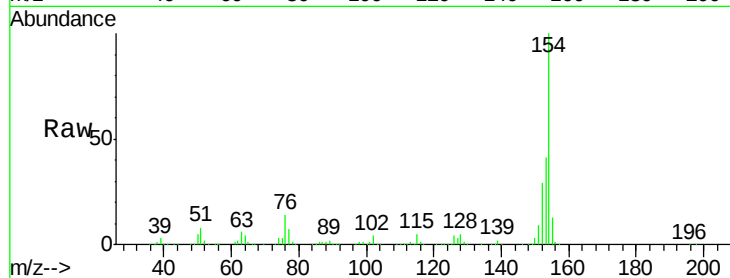




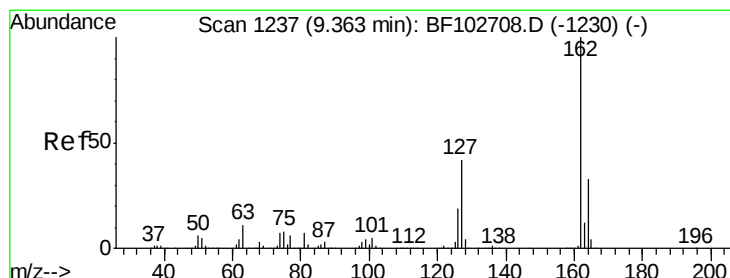
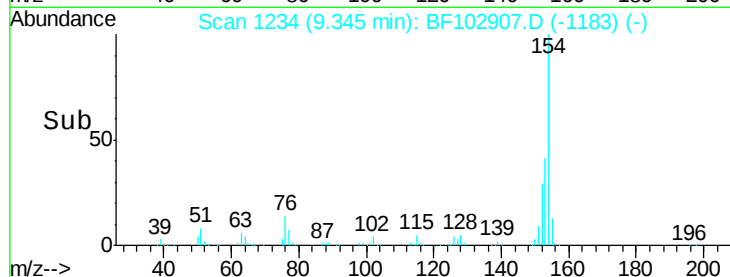
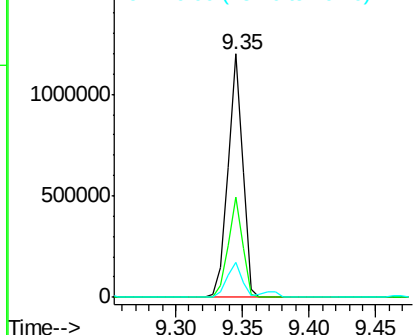
#45
 1,1'-Biphenyl
 Concen: 37.457 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.5	0.0	34.0

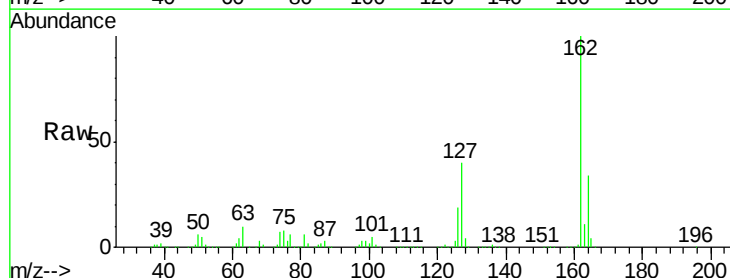


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

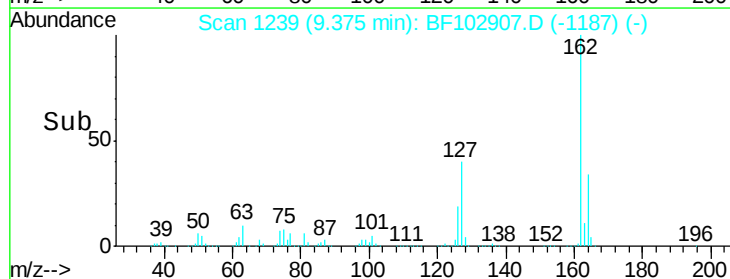
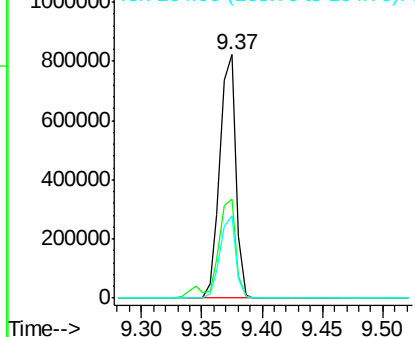


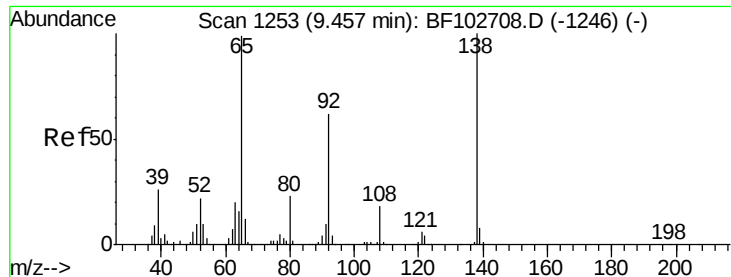
#46
 2-Chloronaphthalene
 Concen: 37.871 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.7	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.830 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

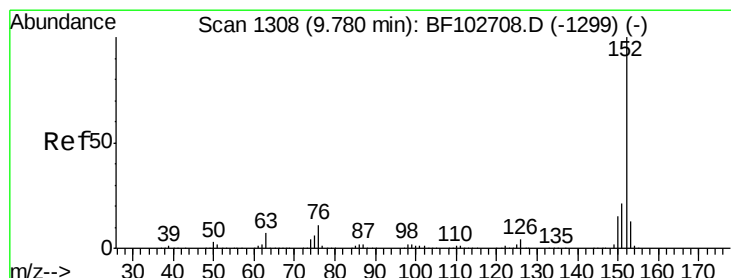
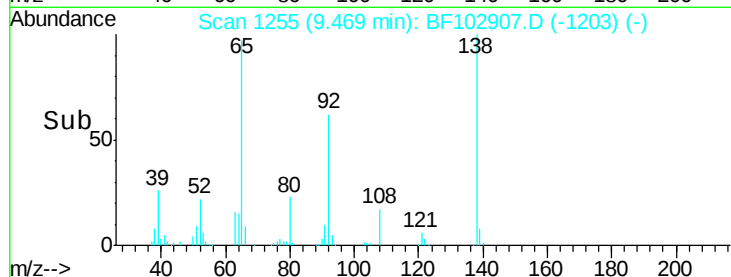
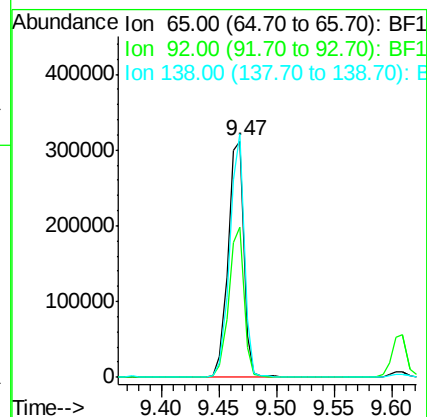
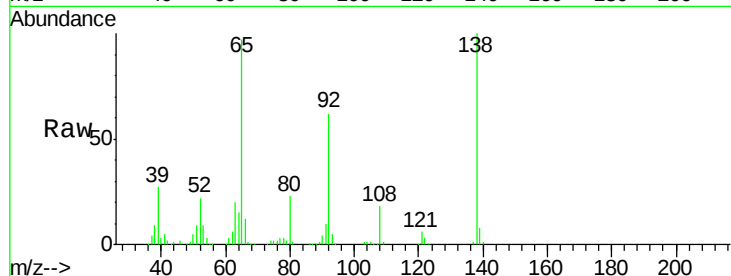
Tot Ion: 65 Resp: 298192

Ion Ratio Lower Upper

65 100

92 63.7 55.8 83.6

138 103.0 91.2 136.8



#48

Acenaphthylene

Concen: 38.123 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

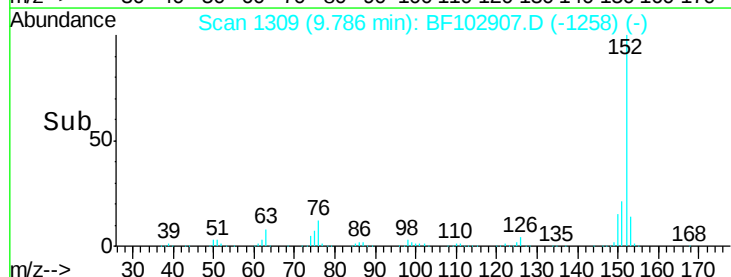
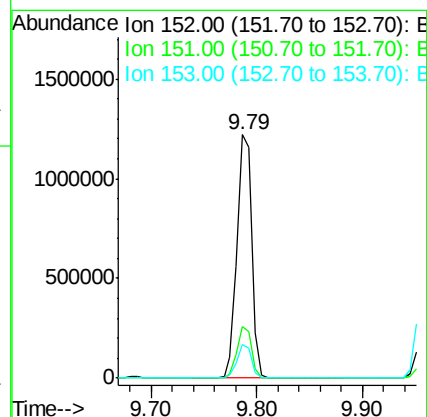
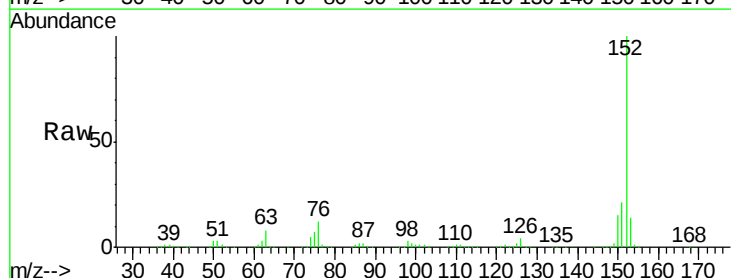
Tgt Ion: 152 Resp: 1170236

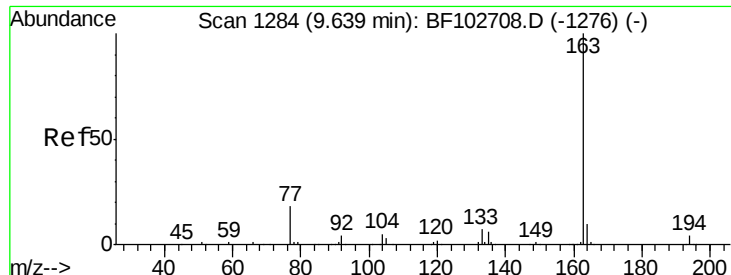
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.6 10.7 16.1

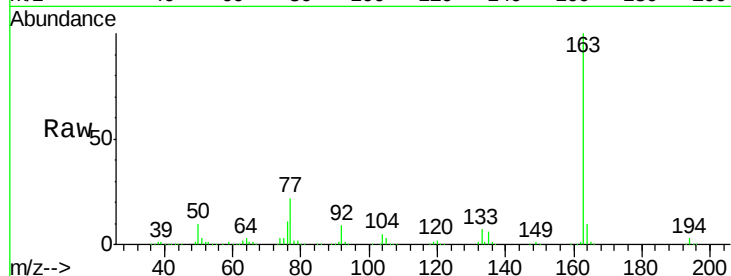




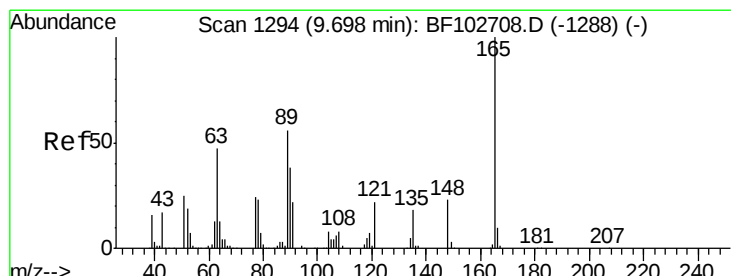
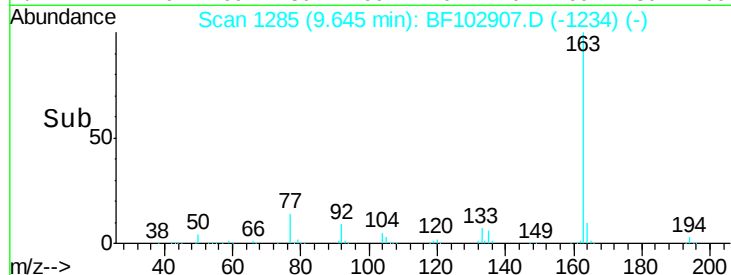
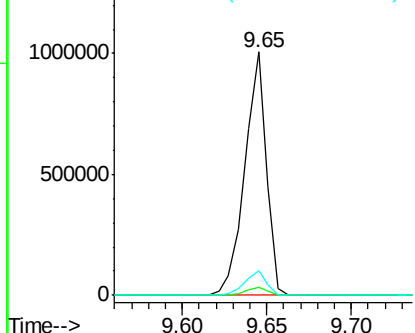
#49
Dimethylphthalate
Concen: 38.803 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 901758
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

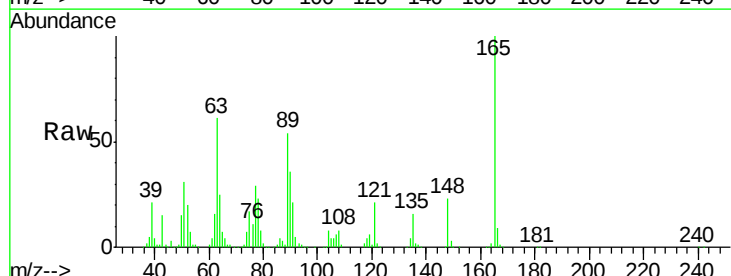


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

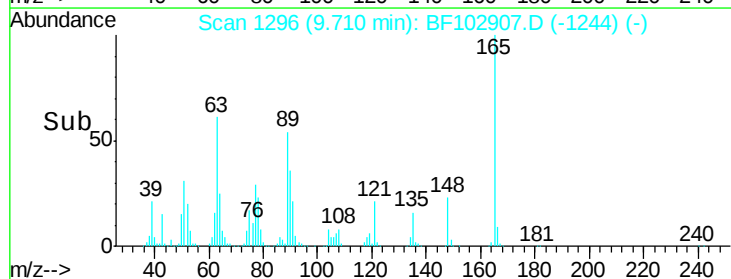
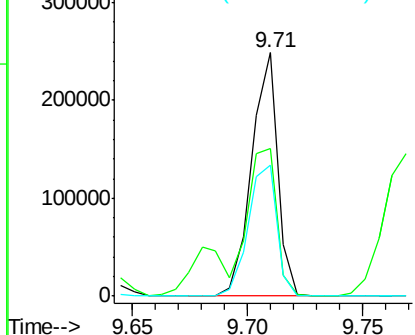


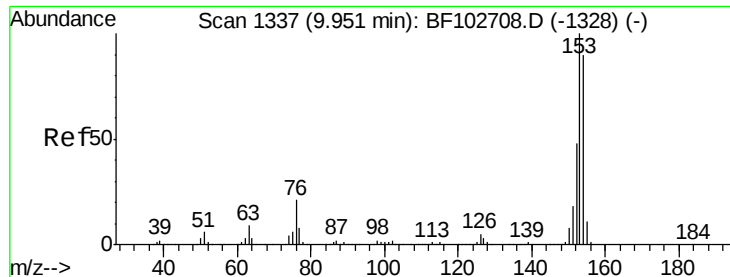
#50
2,6-Dinitrotoluene
Concen: 44.515 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:165 Resp: 196820
Ion Ratio Lower Upper
165 100
63 60.6 44.7 67.1
89 53.9 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.819 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

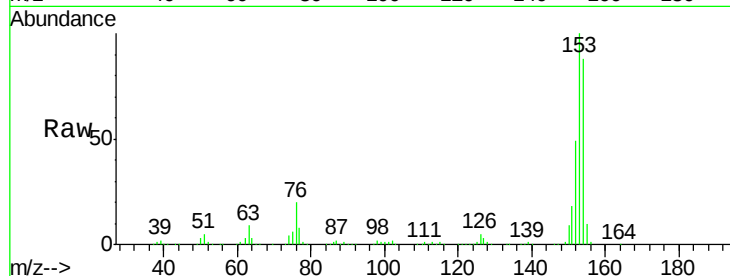
Tot Ion:154 Resp: 712613

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

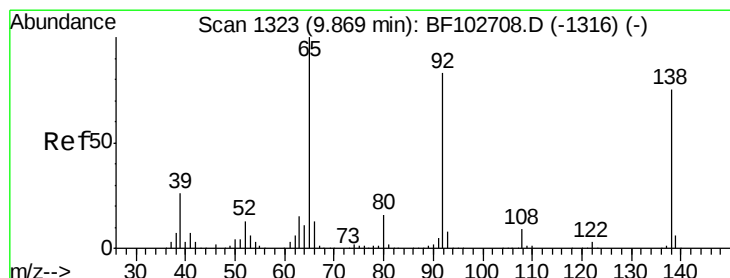
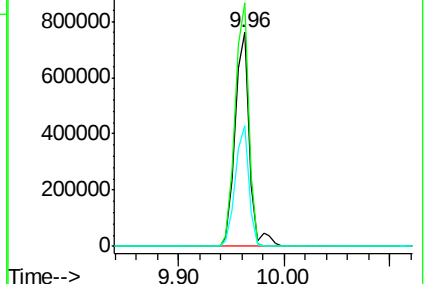
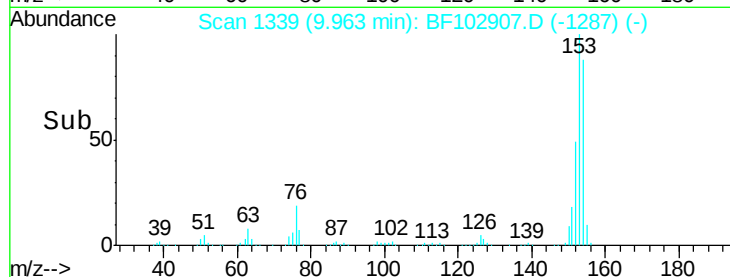
152 56.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.954 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

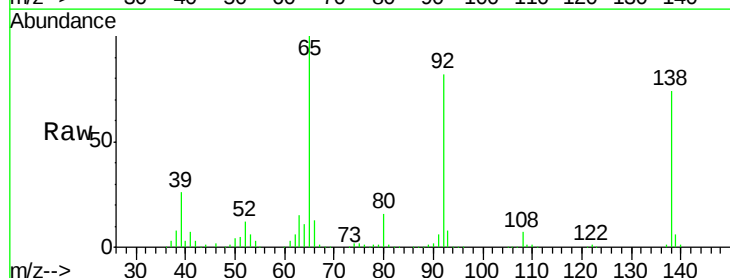
Tgt Ion:138 Resp: 250001

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

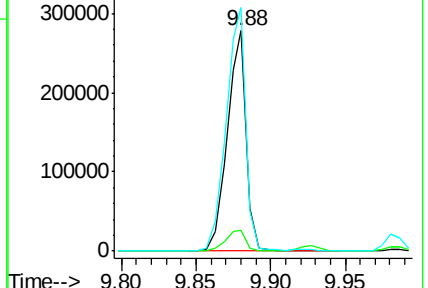
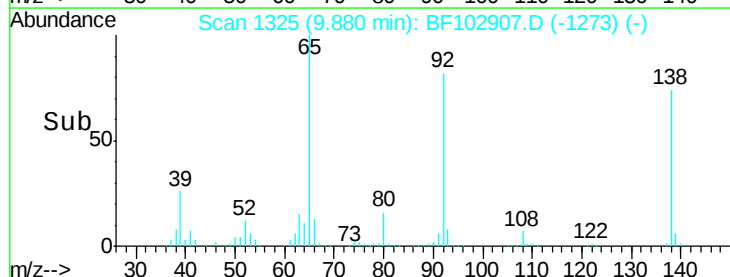
92 110.5 89.4 134.2

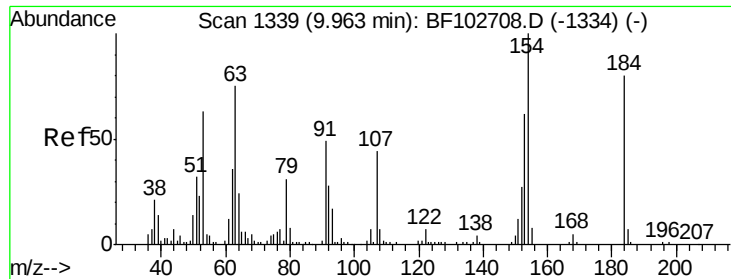


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

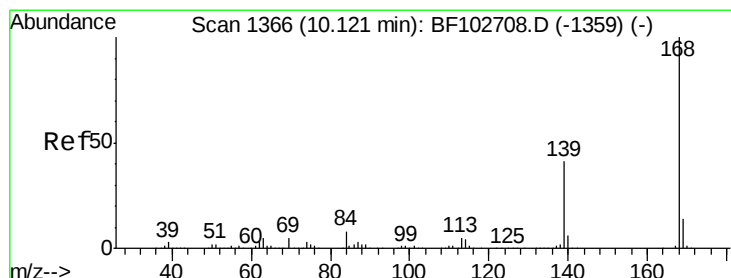
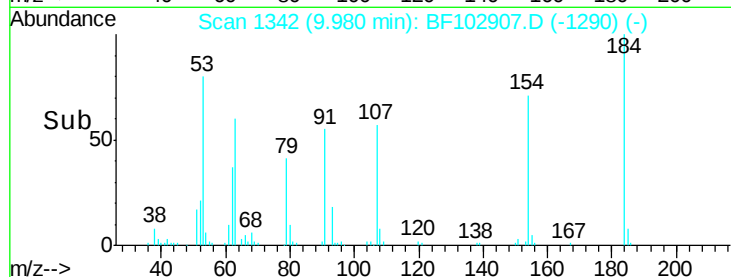
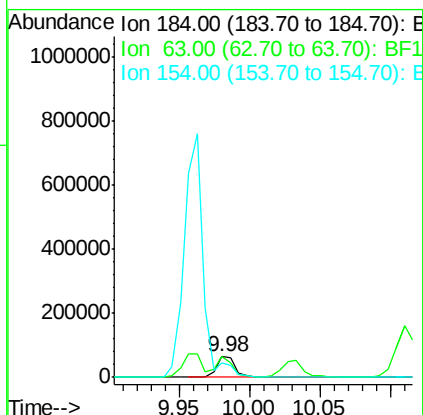
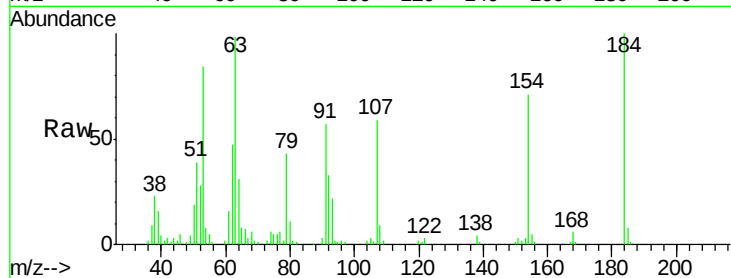




#53
 2,4-Dinitrophenol
 Concen: 54.643 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

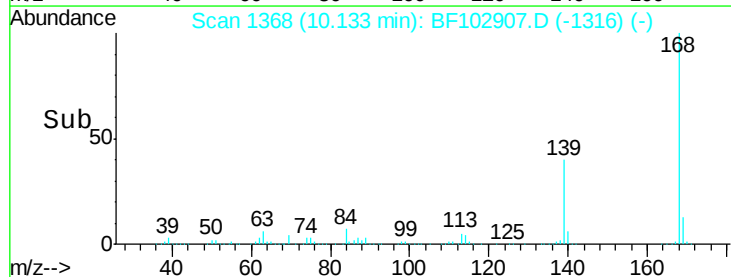
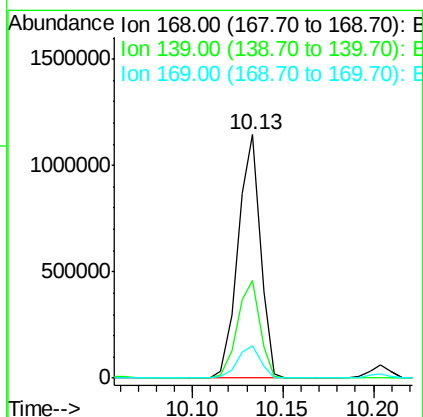
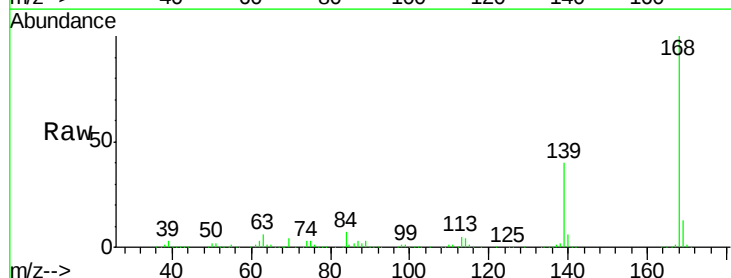
Instrument :
 BNA_F
 ClientSampleId :

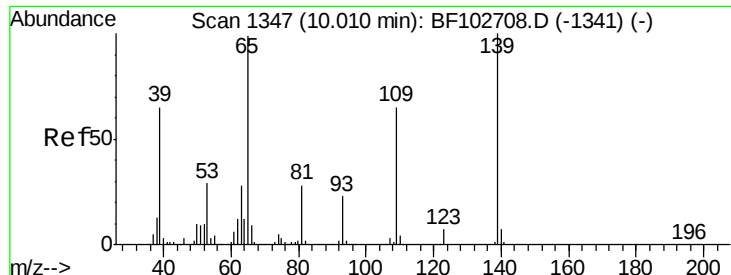
Tot Ion:184 Resp: 62385
 Ion Ratio Lower Upper
 184 100
 63 97.5 54.2 81.2#
 154 70.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.976 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:168 Resp: 982450
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 13.4 10.9 16.3

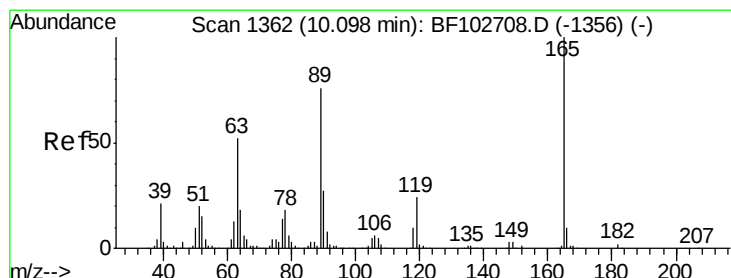
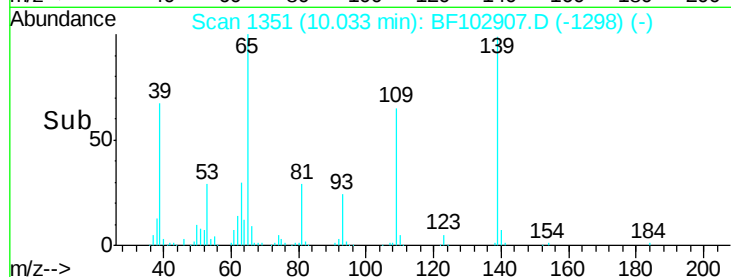
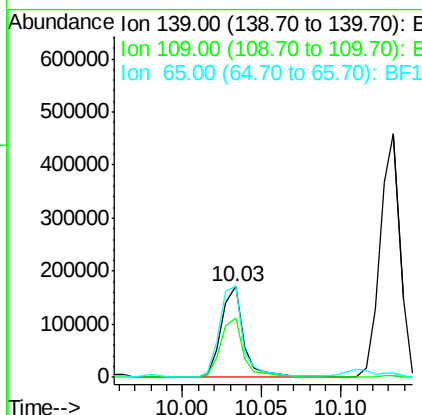
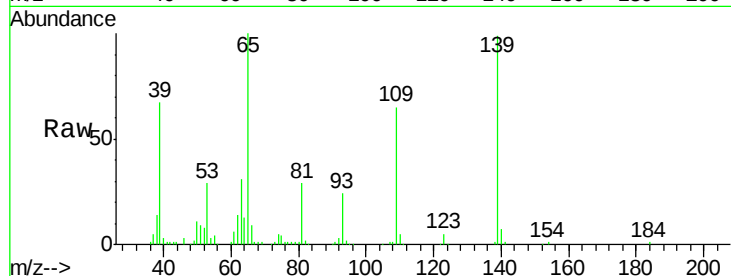




#55
4-Nitrophenol
Concen: 40.064 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

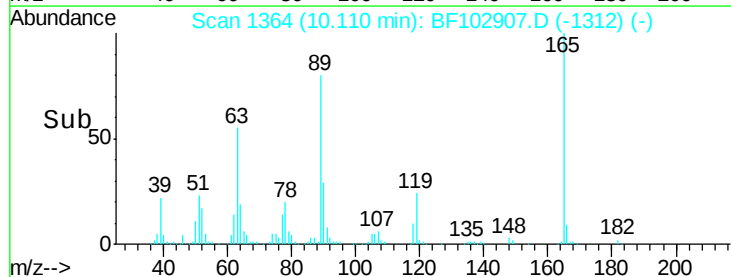
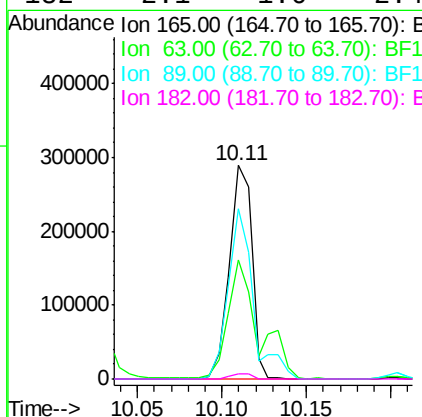
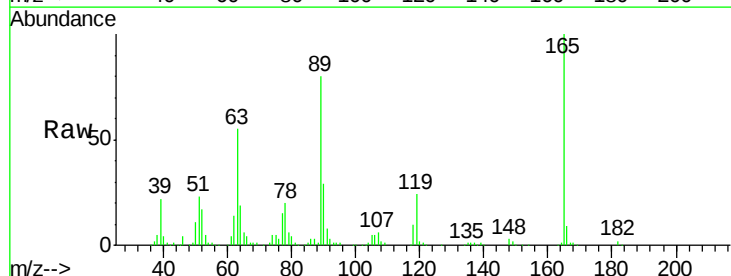
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 169660
Ion Ratio Lower Upper
139 100
109 65.4 48.4 88.4
65 101.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.252 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:165 Resp: 267218
Ion Ratio Lower Upper
165 100
63 55.5 36.4 54.6#
89 79.9 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 40.301 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

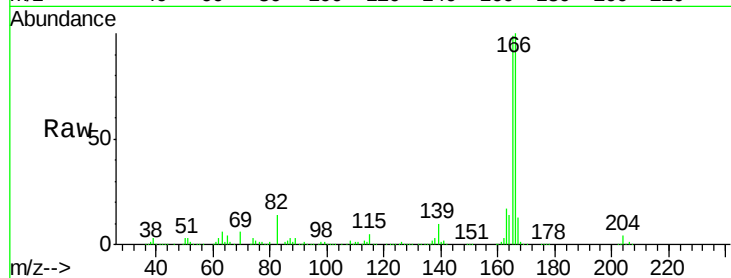
Tot Ion:166 Resp: 758581

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

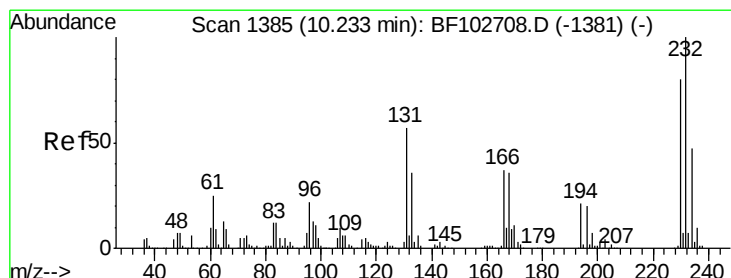
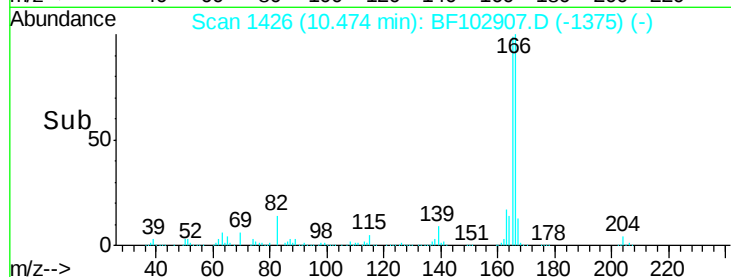
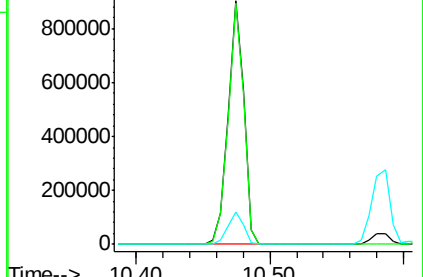
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.506 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:232 Resp: 172829

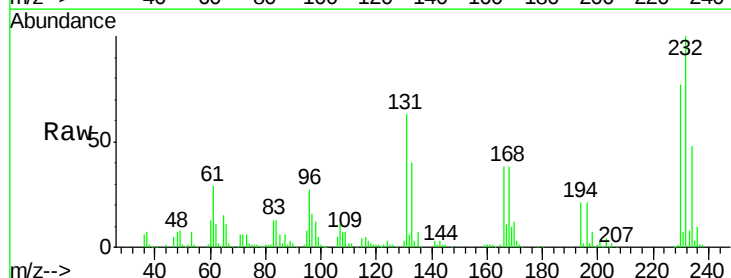
Ion Ratio Lower Upper

232 100

131 58.3 43.8 65.8

130 2.7 2.1 3.1

166 35.6 27.8 41.6

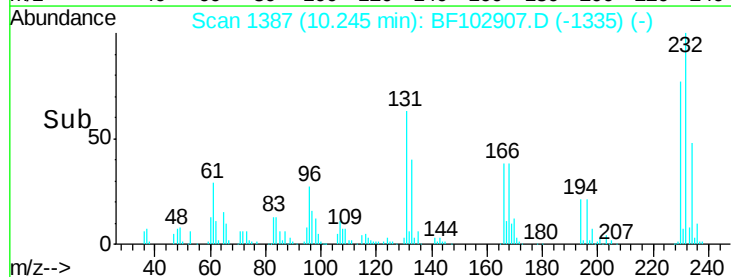
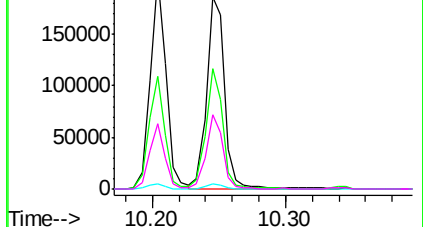


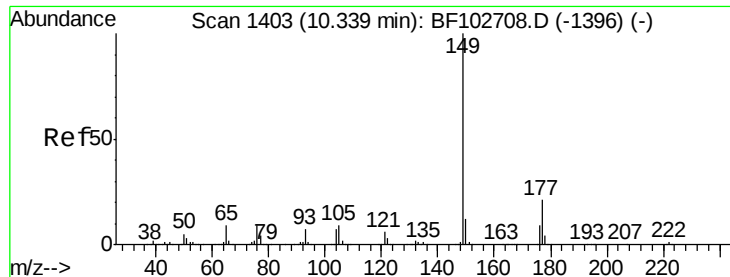
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

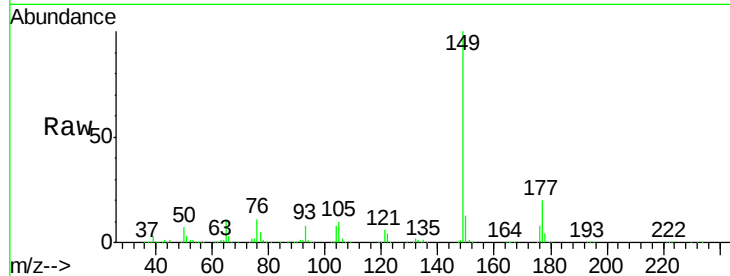




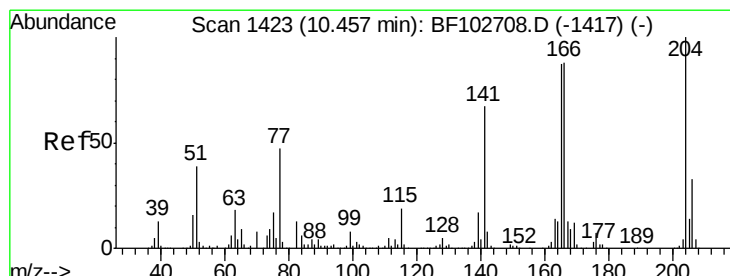
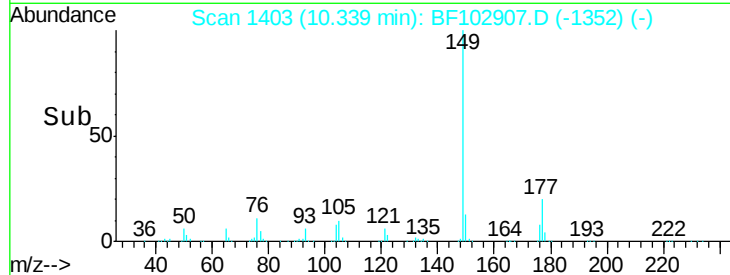
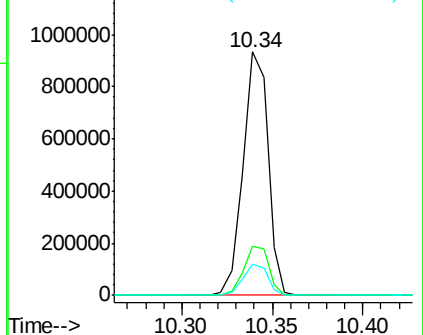
#59
Diethylphthalate
Concen: 38.942 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 893600
Ion Ratio Lower Upper
149 100
177 19.9 16.1 24.1
150 12.7 10.1 15.1

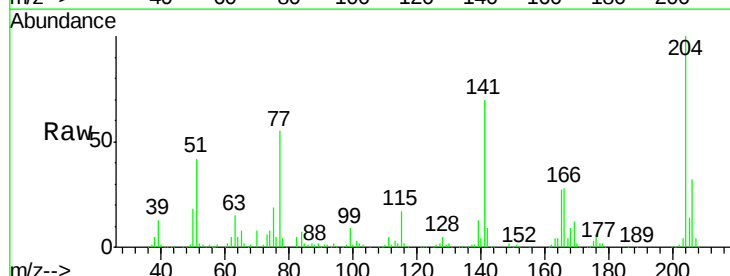


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

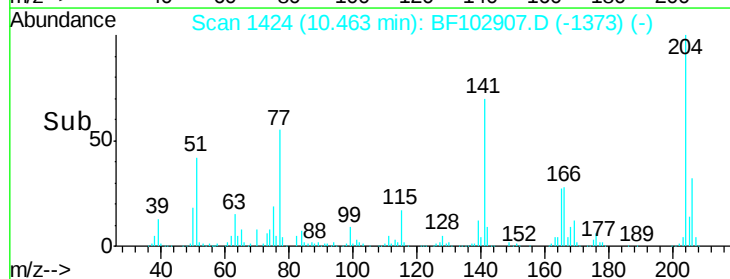
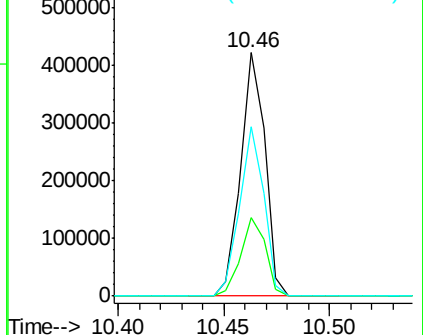


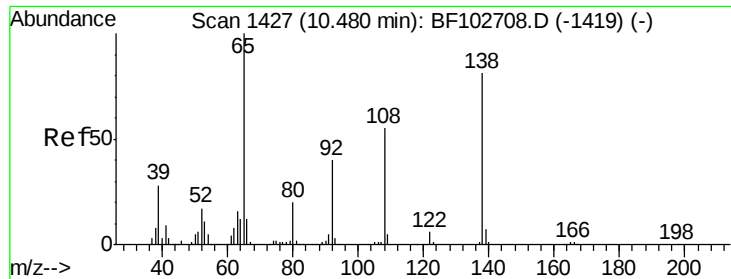
#60
4-Chlorophenyl-phenylether
Concen: 40.352 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:204 Resp: 335998
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 69.7 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

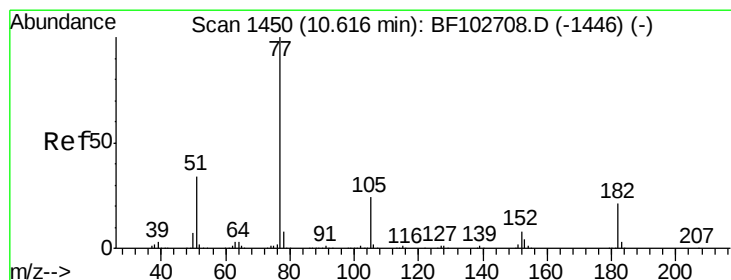
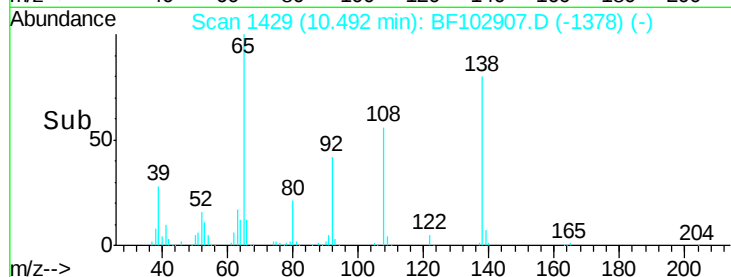
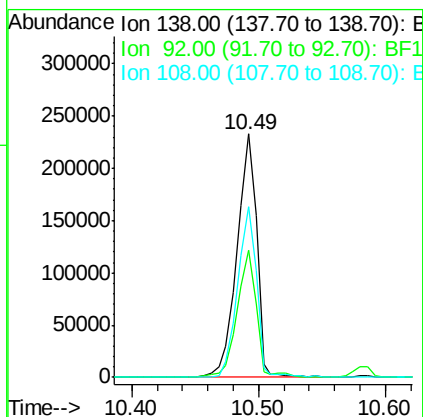
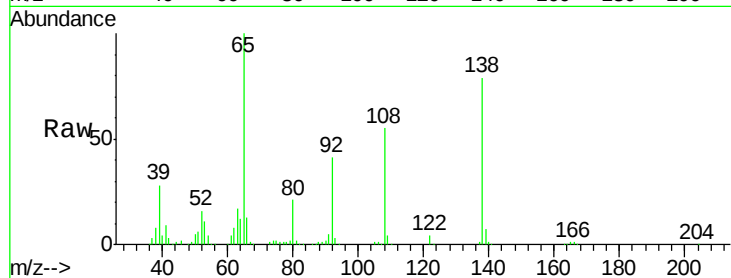




#61
4-Nitroaniline
Concen: 48.154 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

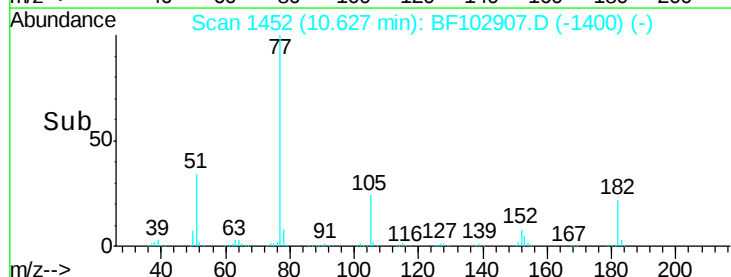
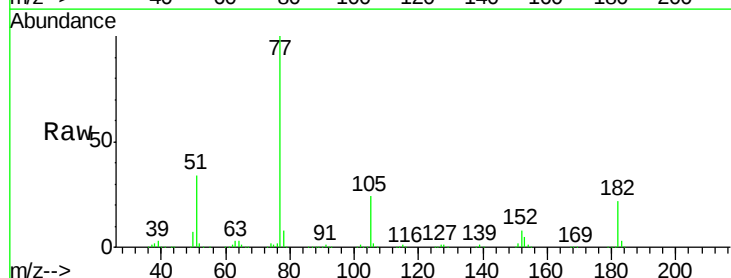
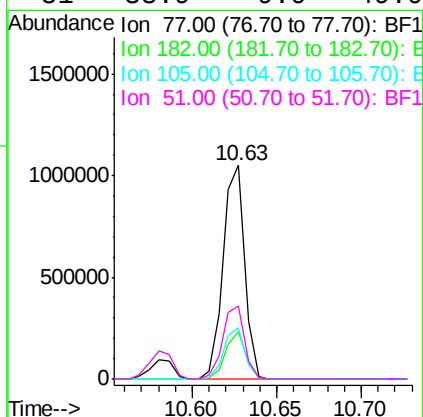
Instrument :
BNA_F
ClientSampleId :

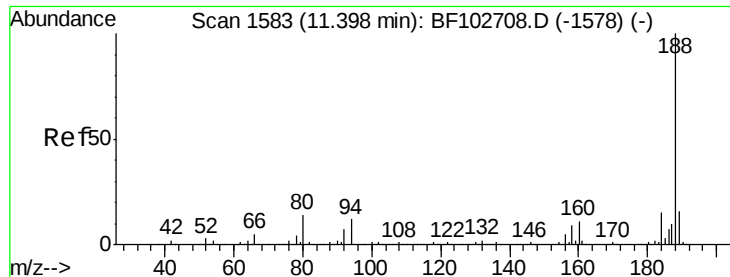
Tot Ion:138 Resp: 249356
Ion Ratio Lower Upper
138 100
92 52.5 30.2 70.2
108 70.0 52.5 92.5



#62
Azobenzene
Concen: 40.644 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion: 77 Resp: 931722
Ion Ratio Lower Upper
77 100
182 22.4 1.7 41.7
105 24.2 3.0 43.0
51 33.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

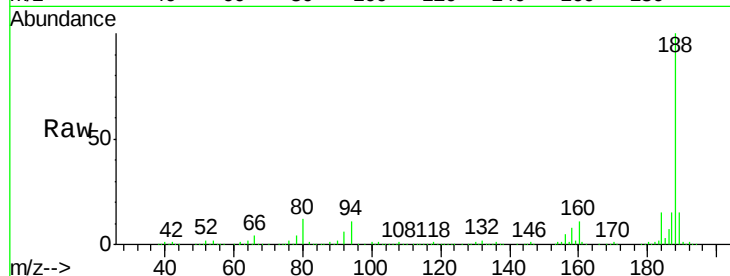
Tot Ion:188 Resp: 534777

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

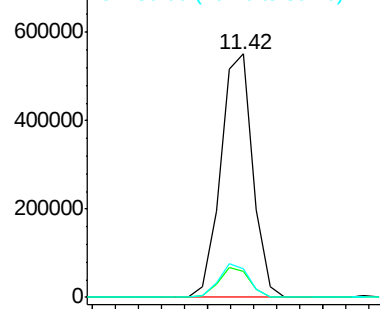
80 11.9 9.2 13.8



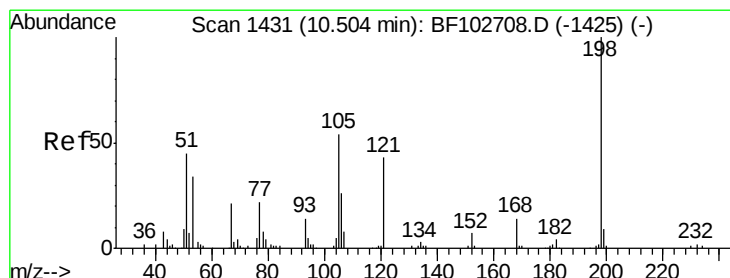
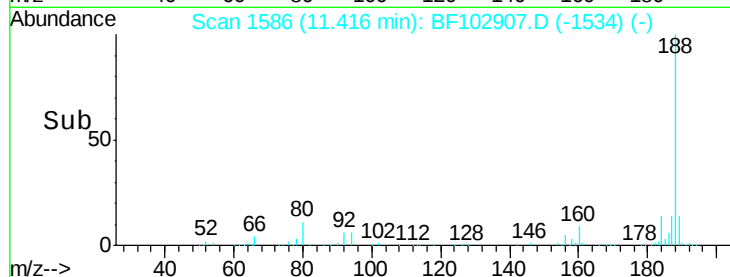
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.35 11.40 11.45



#64

4,6-Dinitro-2-methylphenol

Concen: 52.292 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

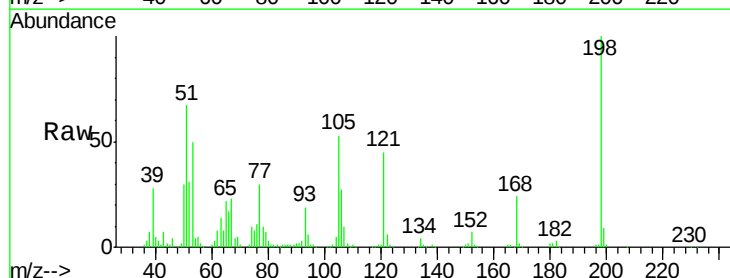
Tgt Ion:198 Resp: 120047

Ion Ratio Lower Upper

198 100

51 66.8 37.7 77.7

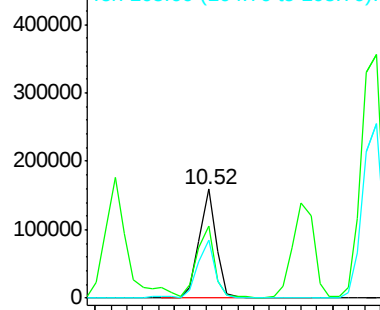
105 52.9 36.3 76.3



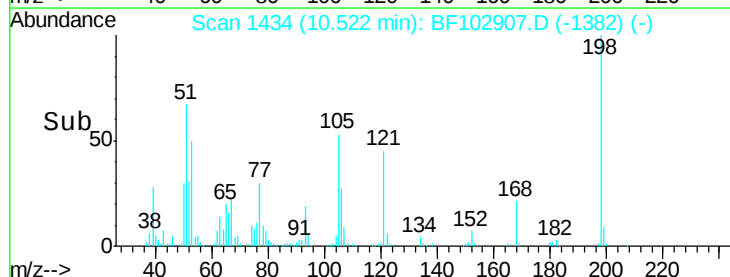
Abundance Ion 198.00 (197.70 to 198.70): E

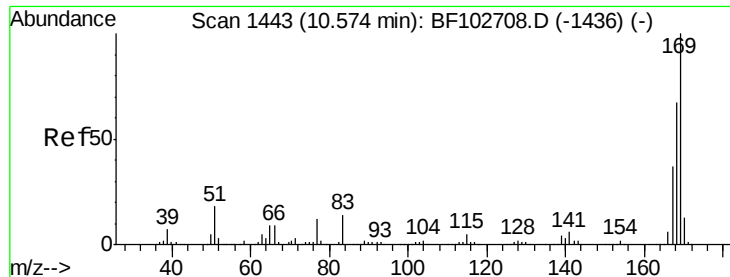
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time--> 10.45 10.50 10.55 10.60

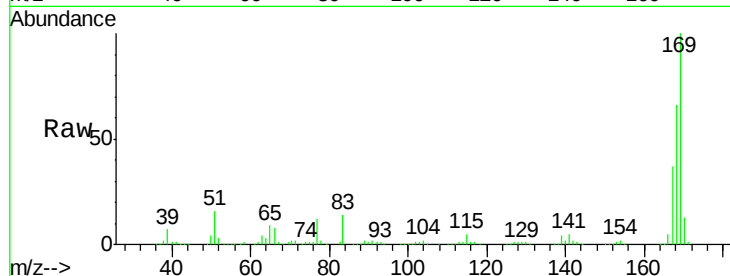




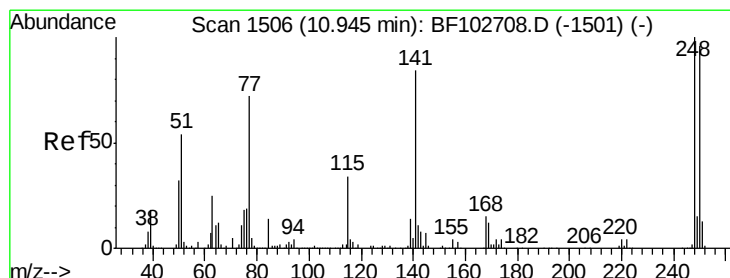
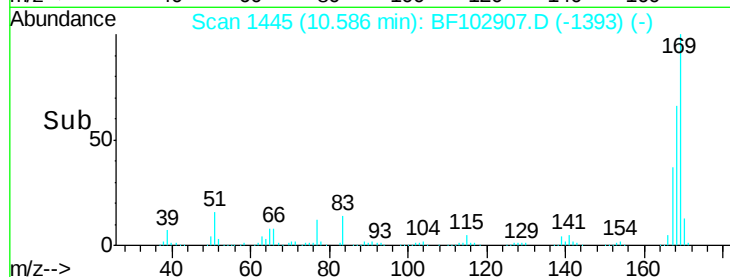
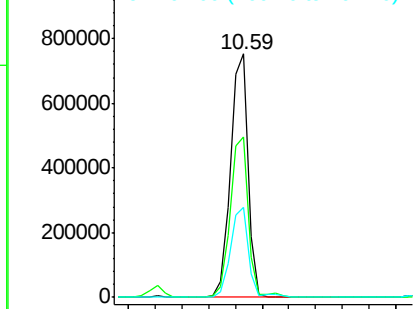
#65
 n-Nitrosodiphenylamine
 Concen: 37.046 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 698809
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.4 81.6
 167 36.9 29.8 44.6

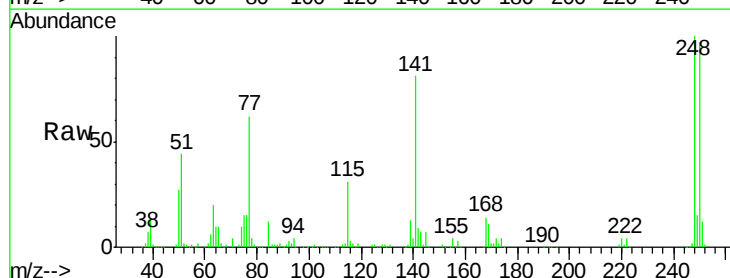


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

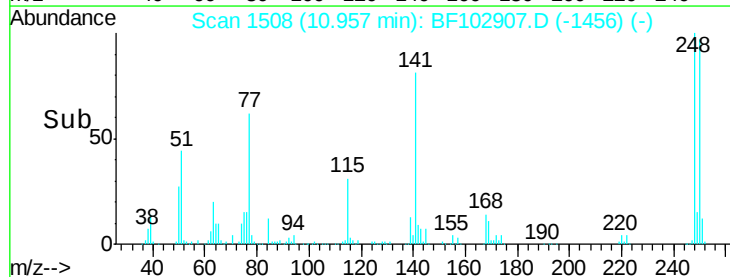
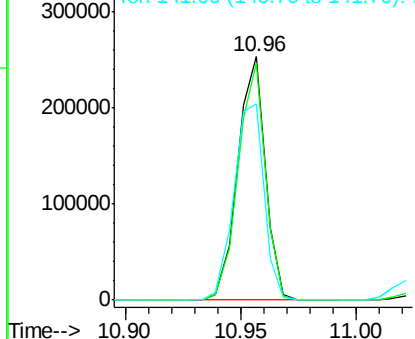


#66
 4-Bromophenyl-phenylether
 Concen: 37.309 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:248 Resp: 211056
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 80.7 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

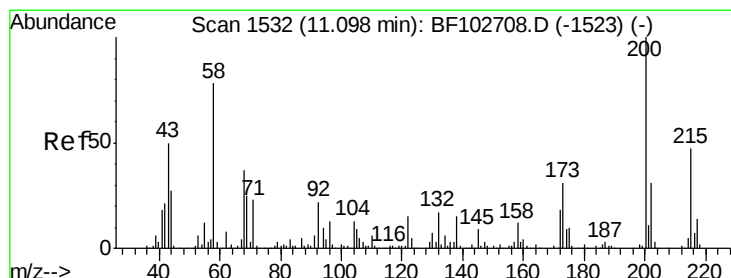
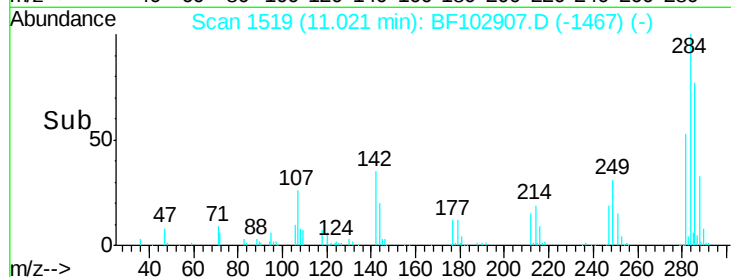
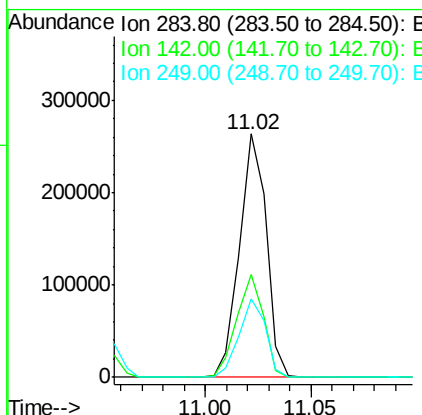
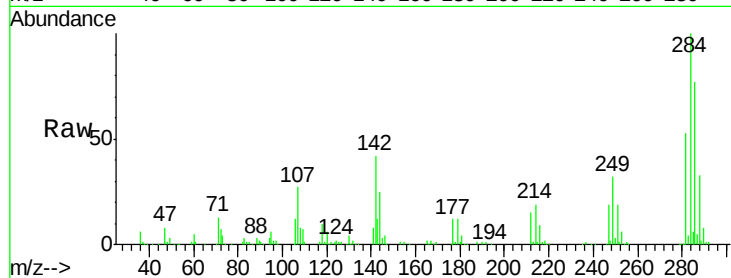




#67
Hexachlorobenzene
Concen: 37.130 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

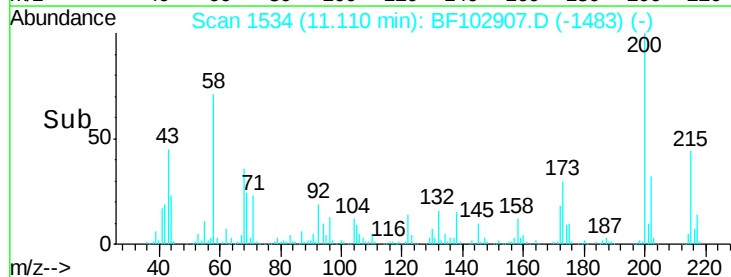
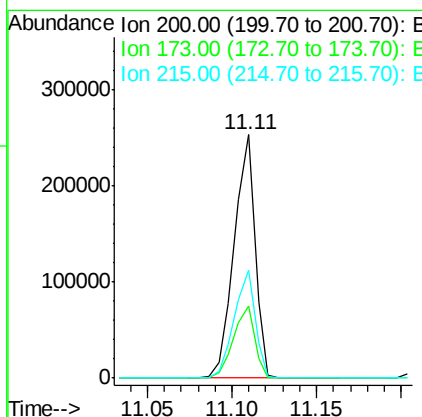
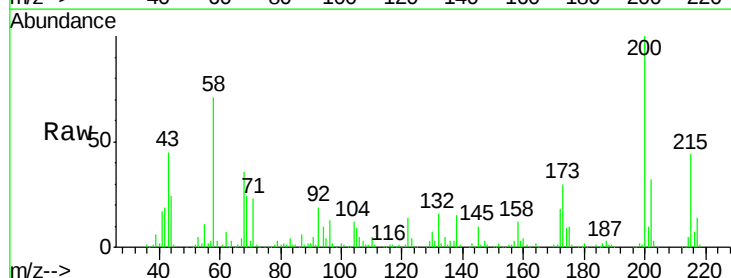
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 231719
Ion Ratio Lower Upper
284 100
142 42.3 34.6 52.0
249 32.4 24.8 37.2



#68
Atrazine
Concen: 39.247 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:200 Resp: 218403
Ion Ratio Lower Upper
200 100
173 29.6 8.6 48.6
215 44.4 25.1 65.1

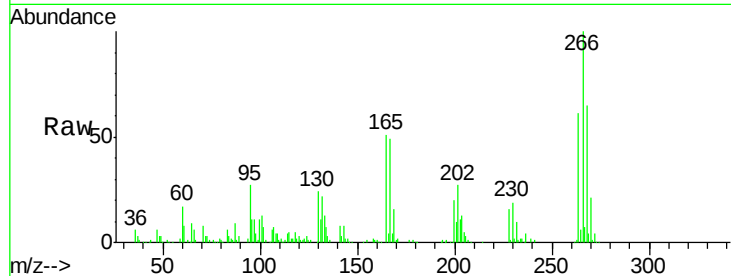




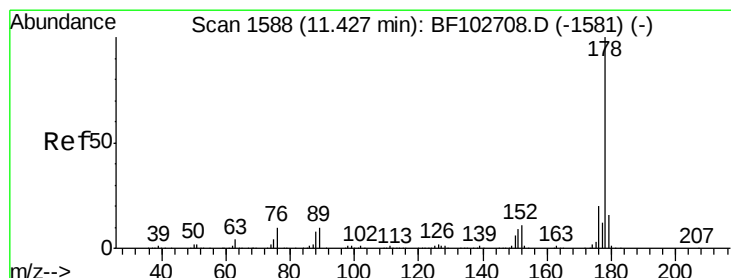
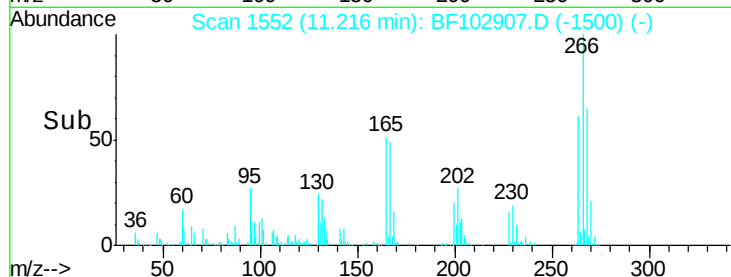
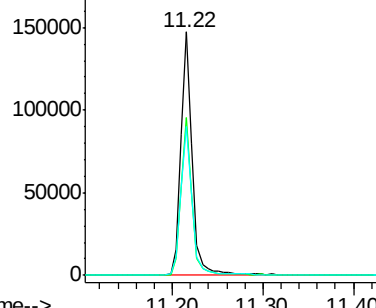
#69
 Pentachlorophenol
 Concen: 36.231 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 132727
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.1 76.7
 264 61.1 49.5 74.3

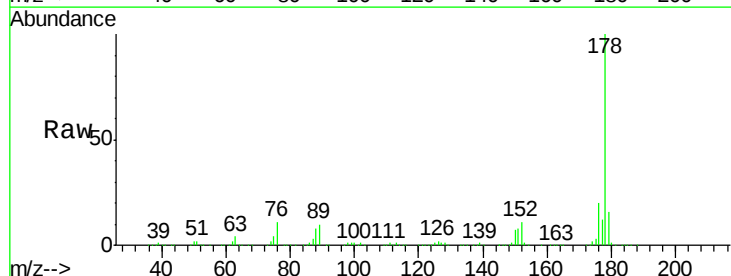


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

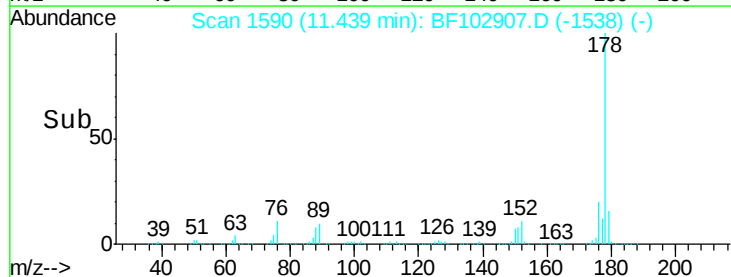
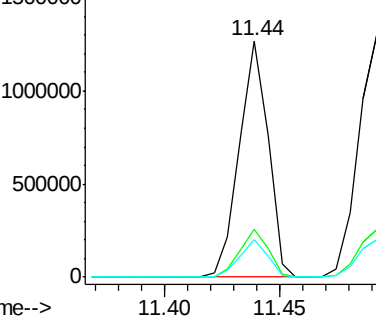


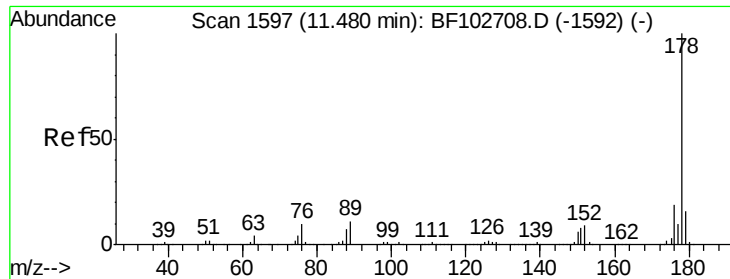
#70
 Phenanthrene
 Concen: 37.140 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:178 Resp: 1106155
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

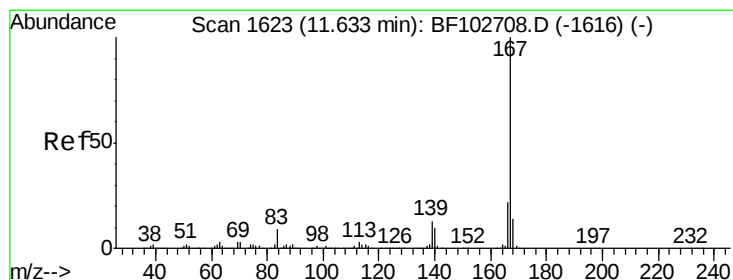
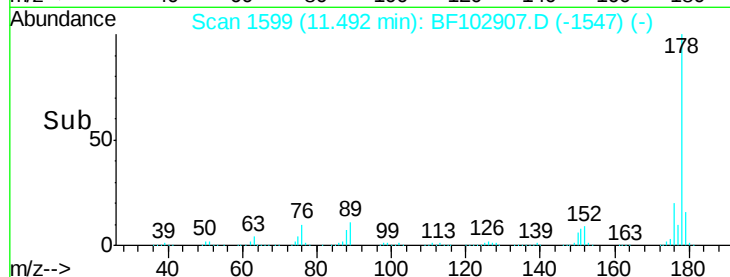
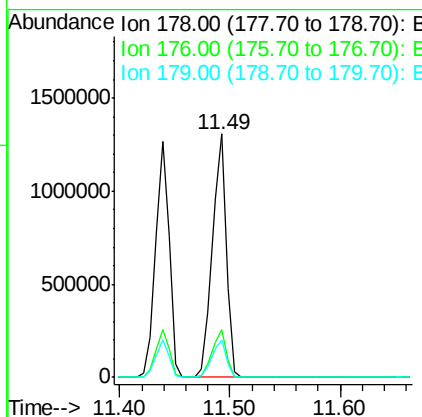
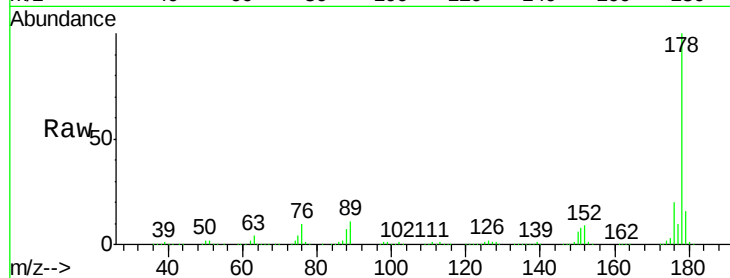




#71
 Anthracene
 Concen: 37.078 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

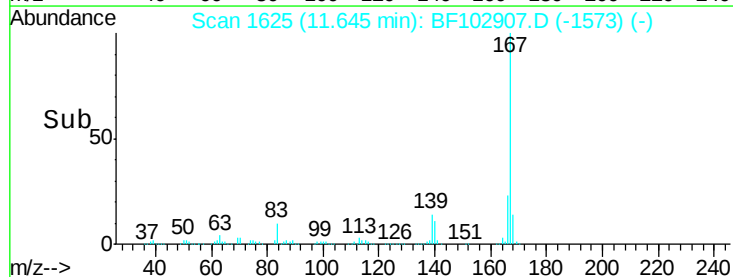
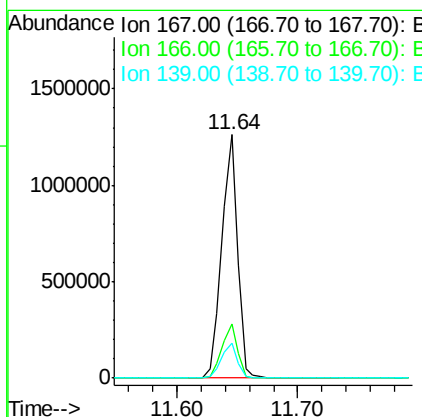
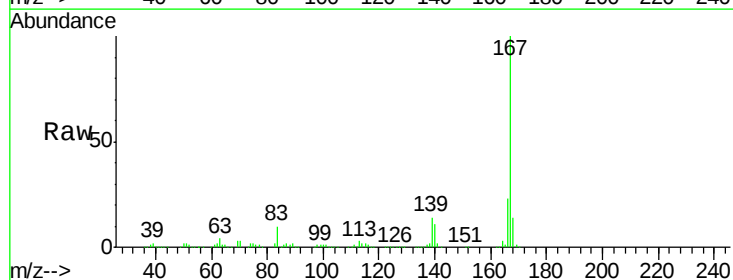
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1123206
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.279 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:167 Resp: 1136026
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.3 10.9 16.3

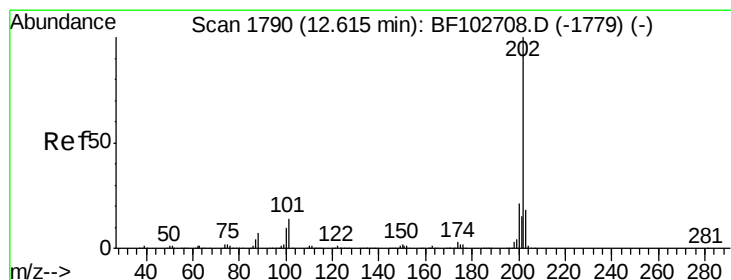
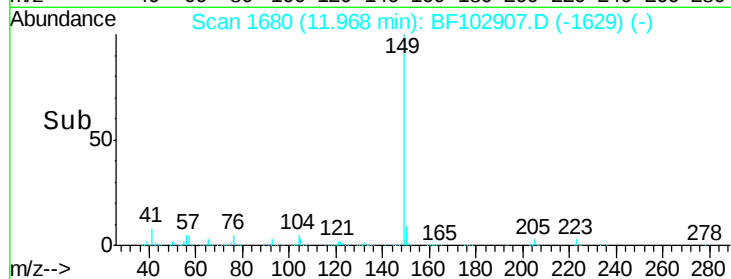
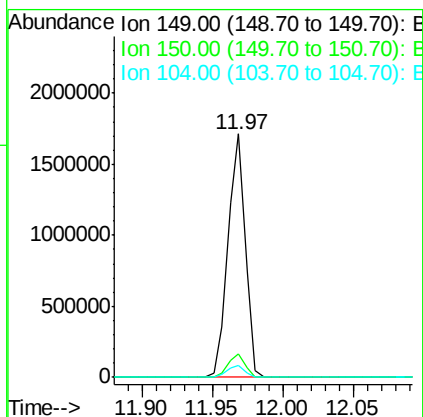
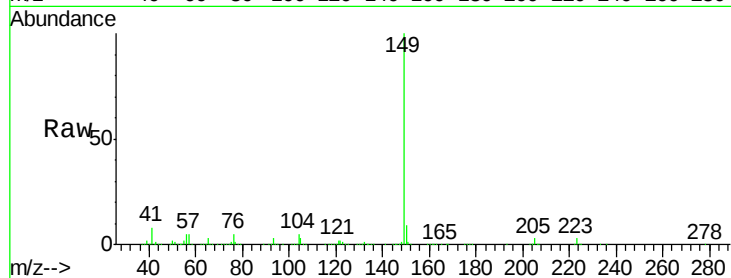




#73
Di-n-butylphthalate
Concen: 40.277 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

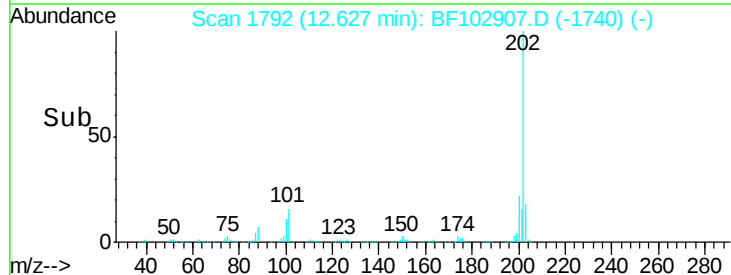
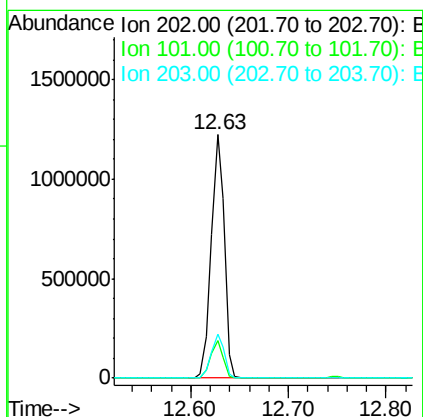
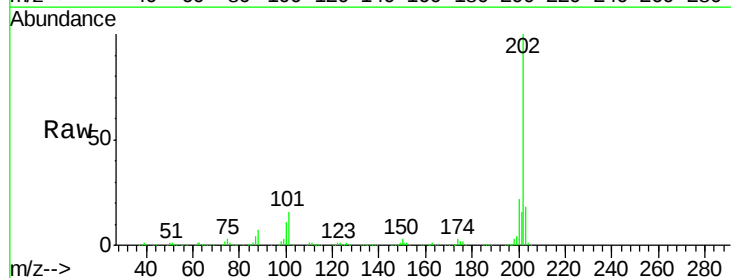
Instrument :
BNA_F
ClientSampled :

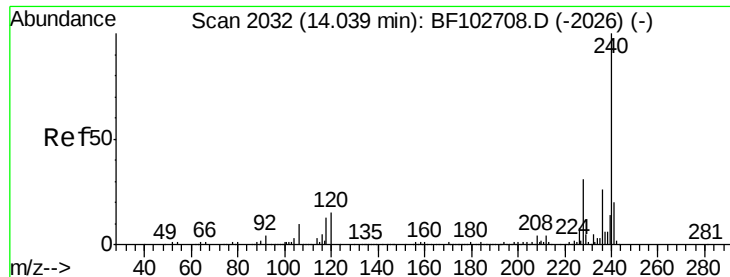
Tot Ion:149 Resp: 1452008
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 38.007 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:202 Resp: 1138903
Ion Ratio Lower Upper
202 100
101 15.5 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

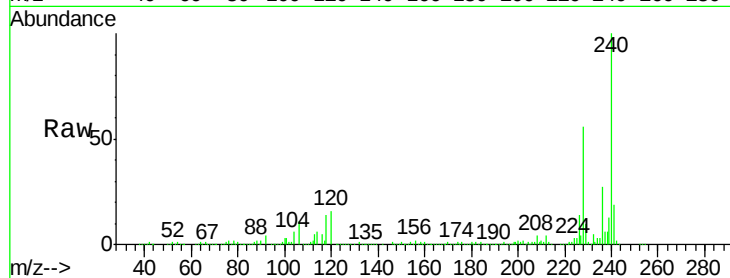
Tot Ion:240 Resp: 407642

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

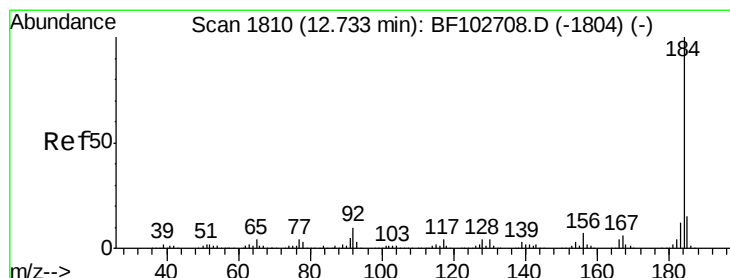
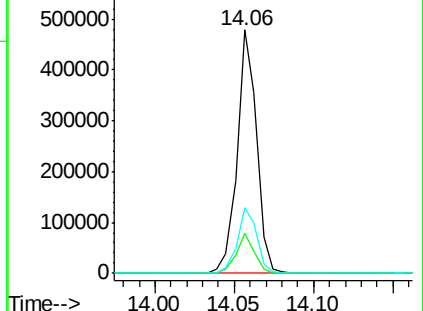
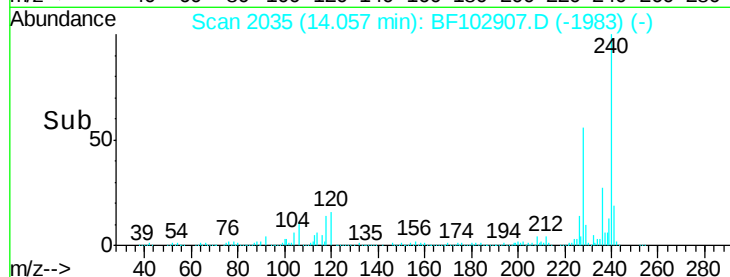
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.770 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

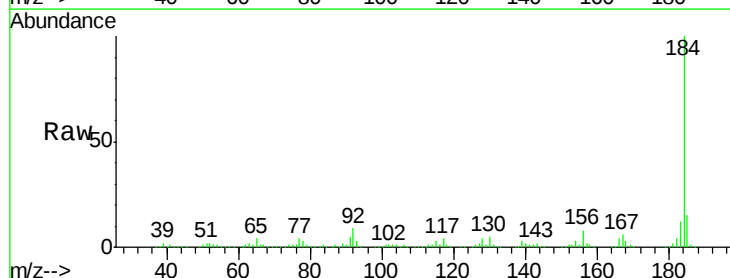
Tgt Ion:184 Resp: 894978

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

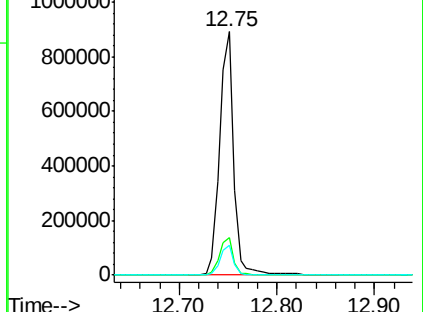
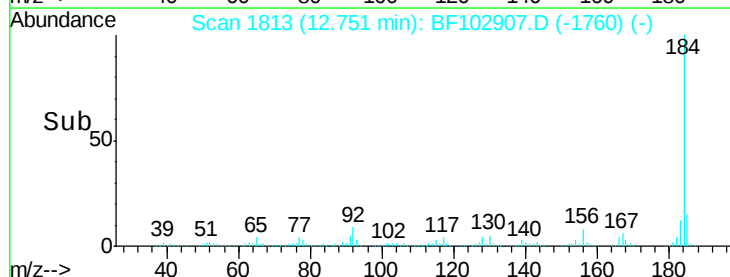
183 12.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

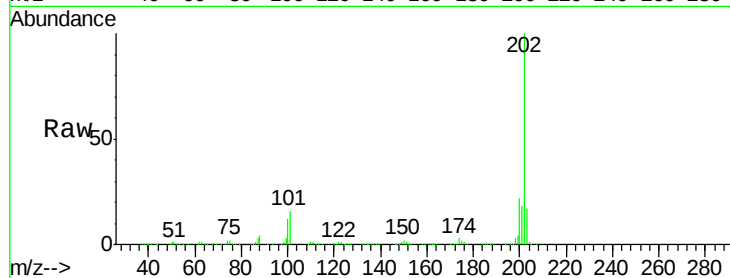




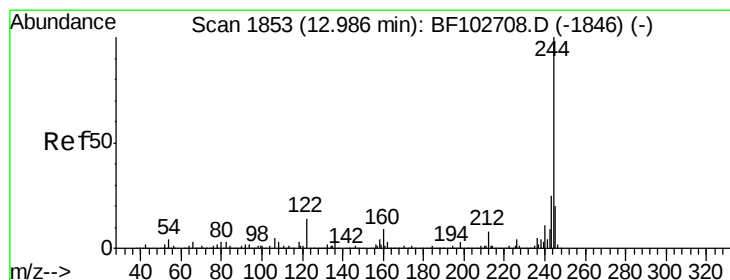
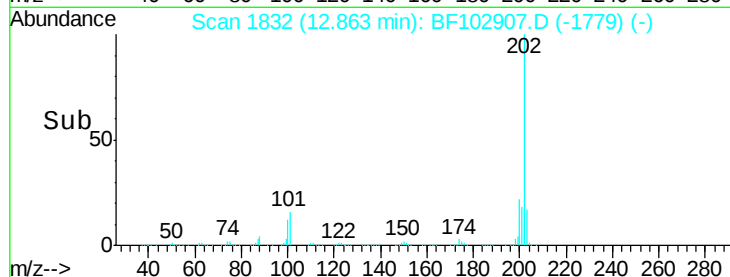
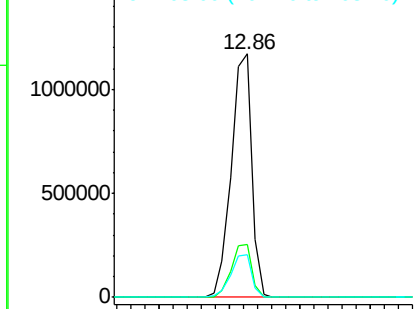
#77
Pvrene
Concen: 37.078 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1185213
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.5 14.3 21.5

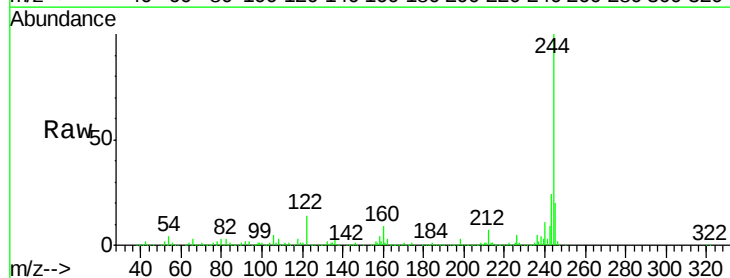


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

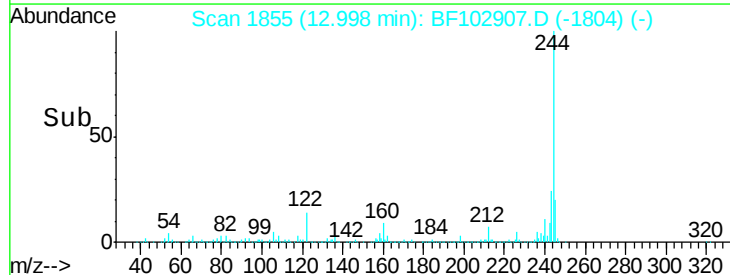
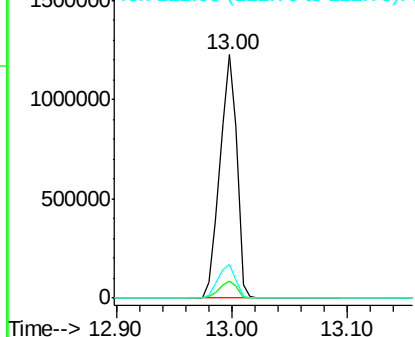


#78
Terphenyl-d14
Concen: 72.443 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:244 Resp: 1247205
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

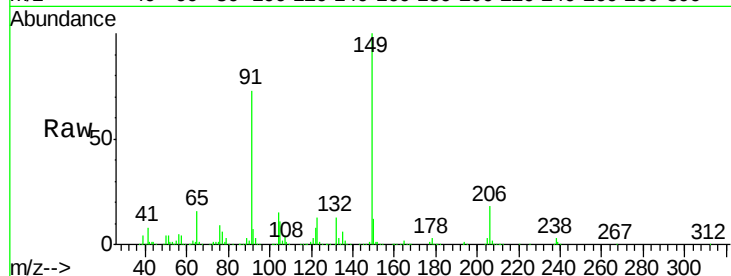




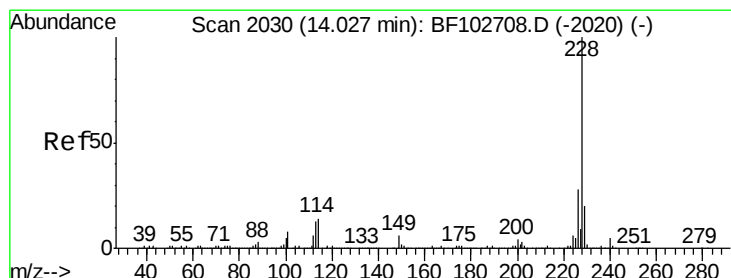
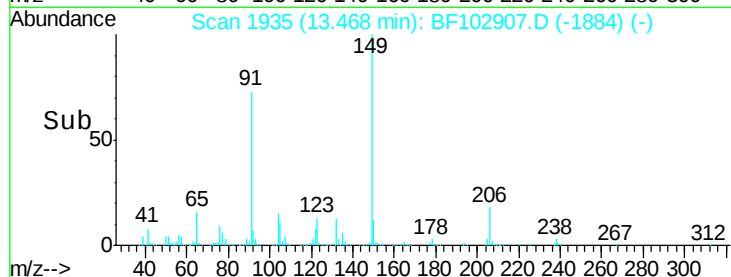
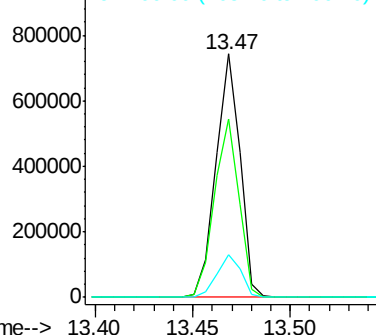
#79
Butylbenzylphthalate
Concen: 41.717 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 635764
Ion Ratio Lower Upper
149 100
91 73.1 56.8 85.2
206 17.7 14.1 21.1

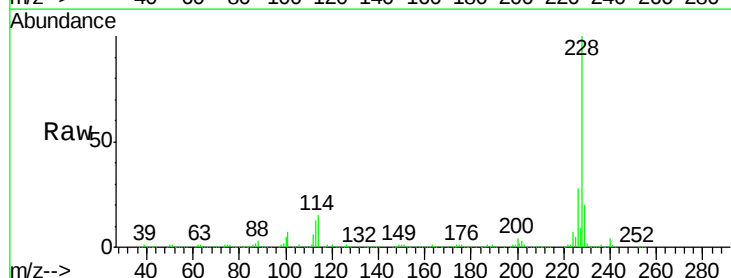


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

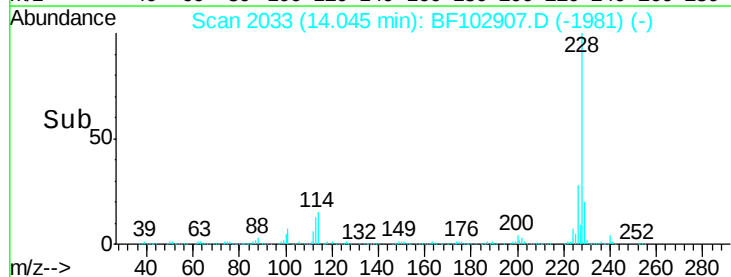
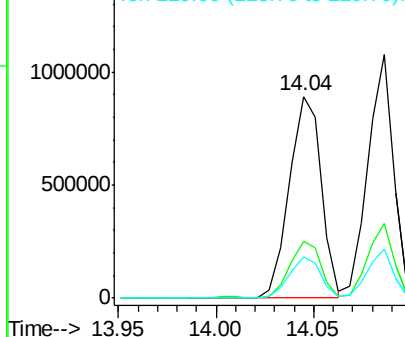


#80
Benzo(a)anthracene
Concen: 39.253 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:228 Resp: 1006331
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

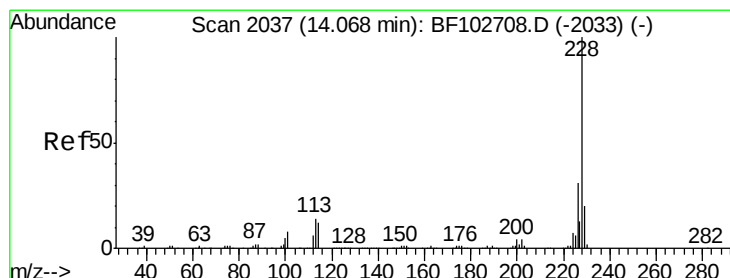
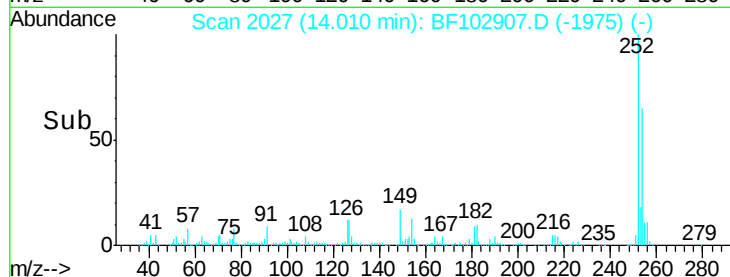
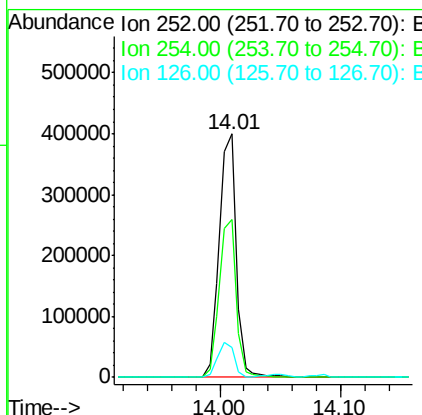
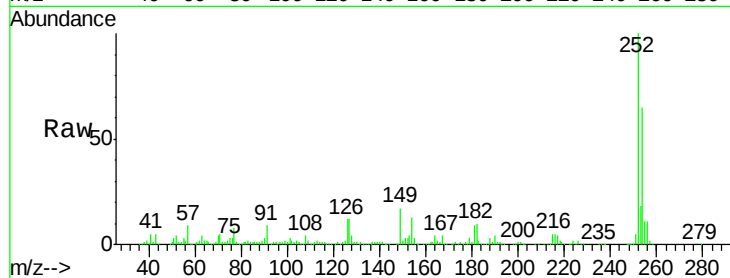




#81
 3,3'-Dichlorobenzidine
 Concen: 40.863 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

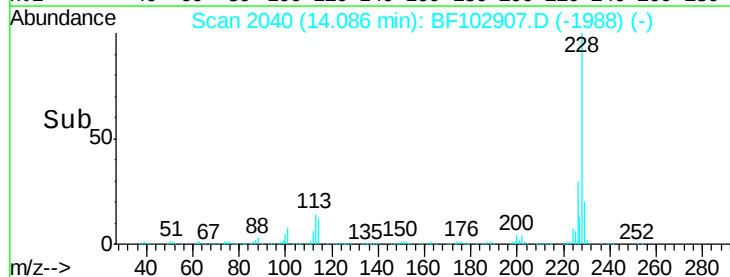
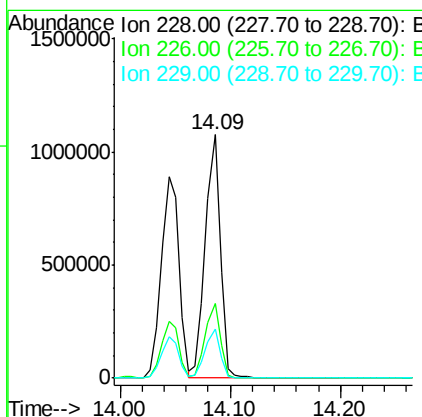
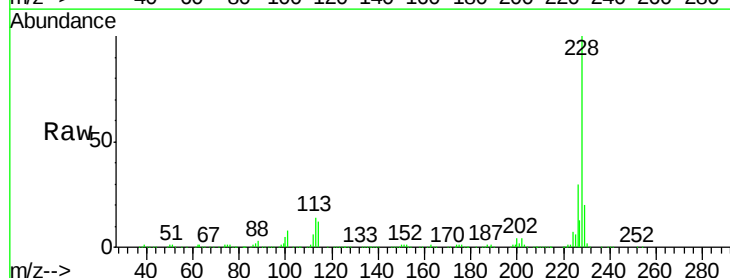
Instrument :
 BNA_F
 ClientSampleId :

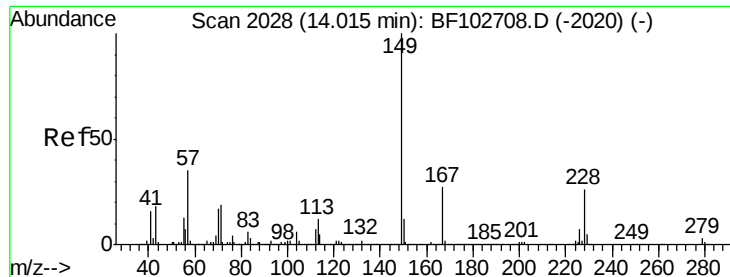
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 38.215 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4

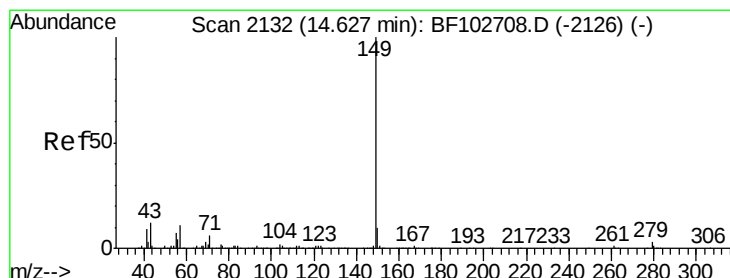
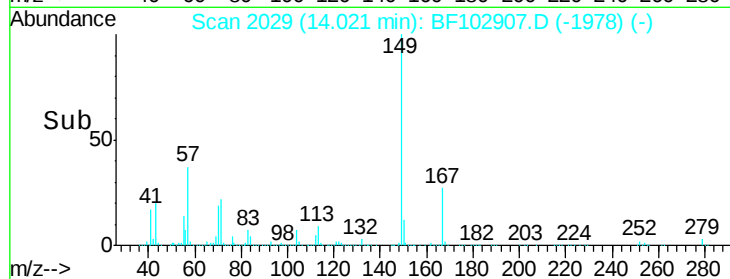
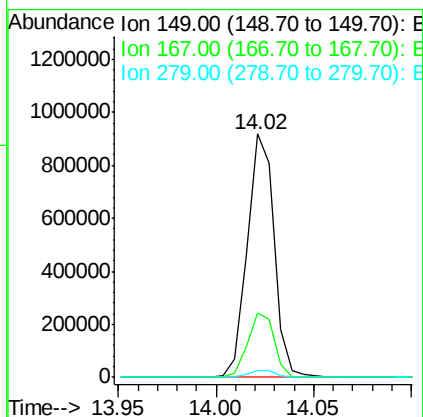
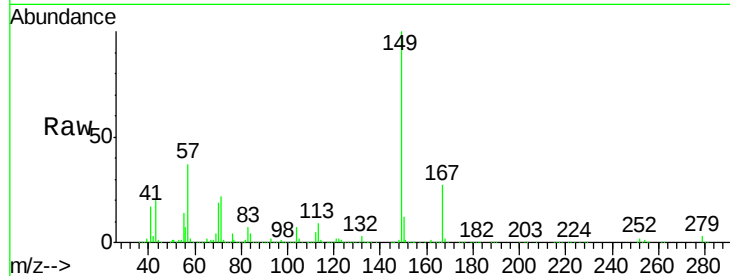




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.581 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

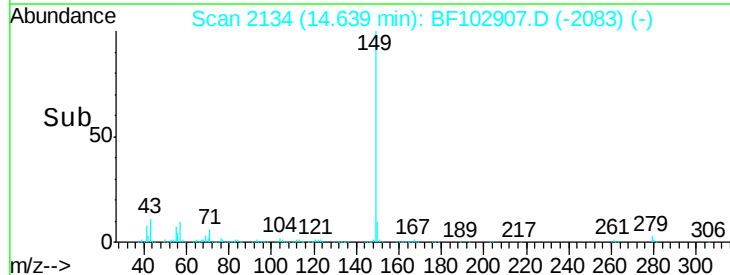
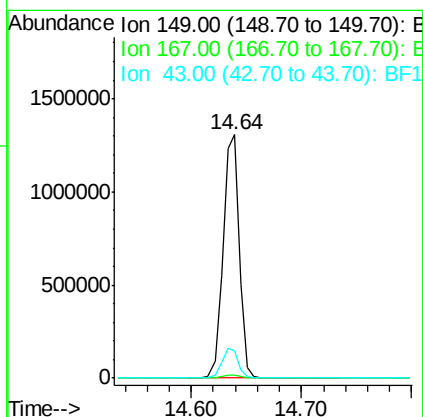
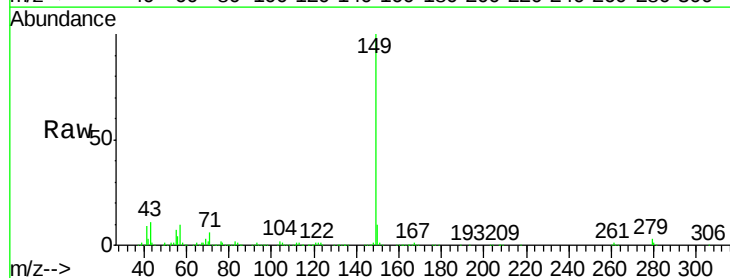
Instrument :
 BNA_F
 ClientSampleId :

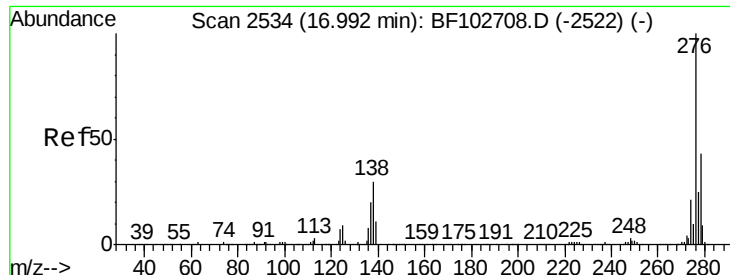
Tot Ion:149 Resp: 872964
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 45.436 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:149 Resp: 1335926
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.0 8.4 12.6

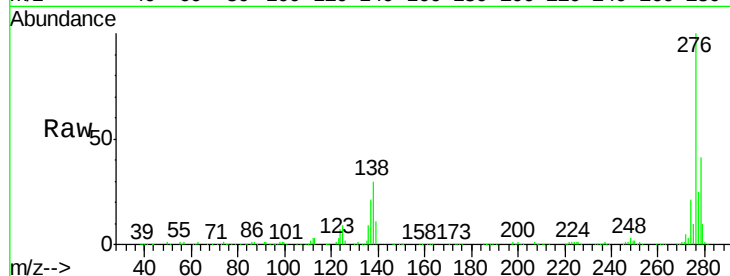




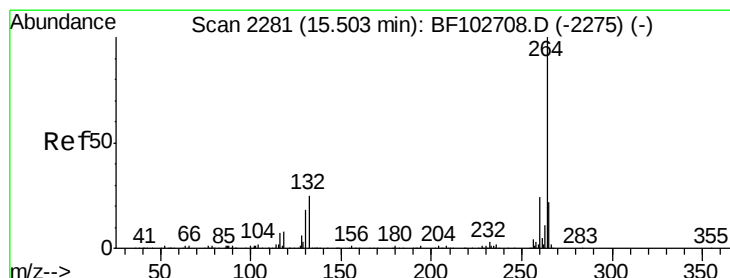
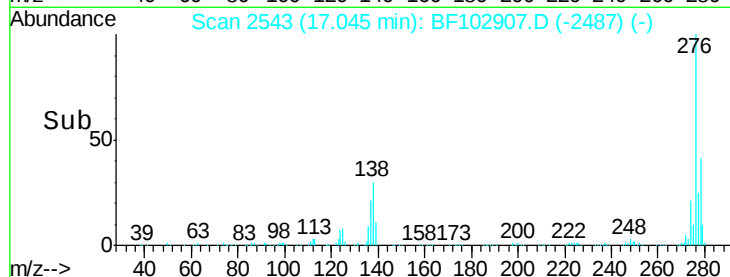
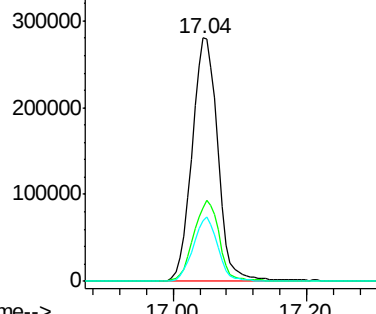
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.797 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.4	20.1	30.1

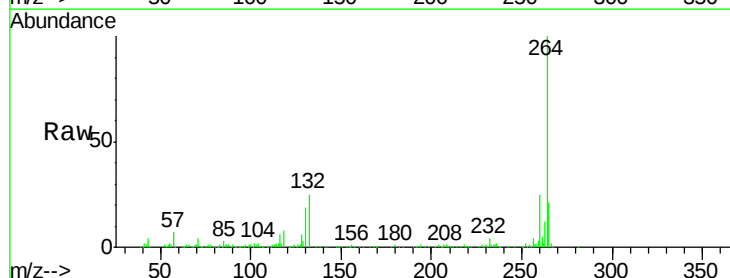


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

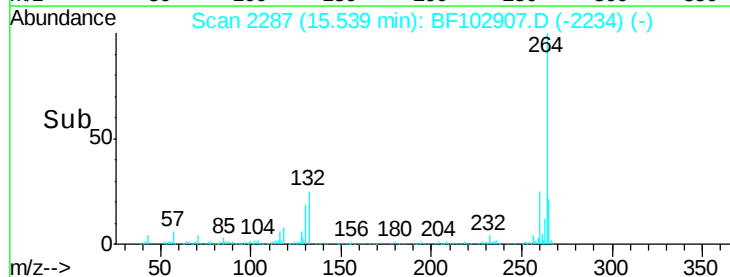
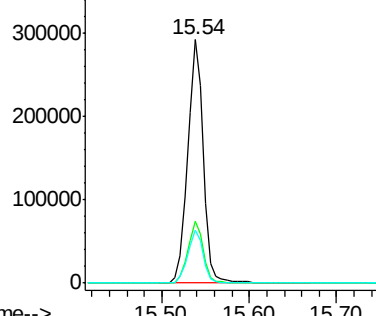


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

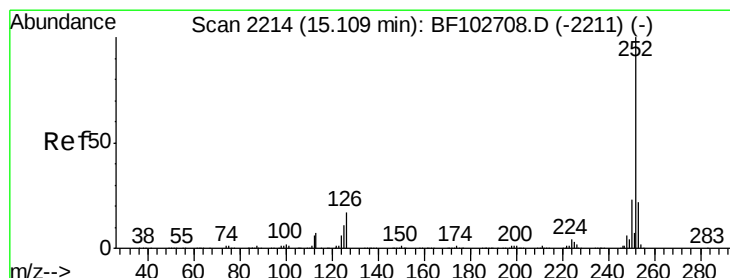
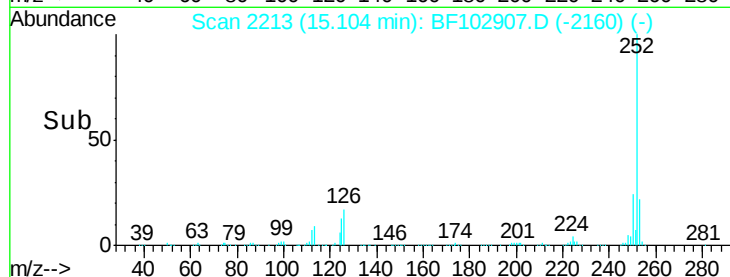
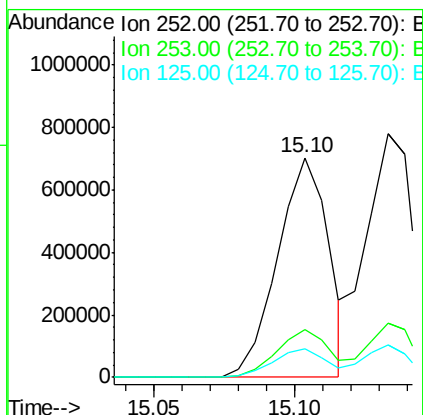
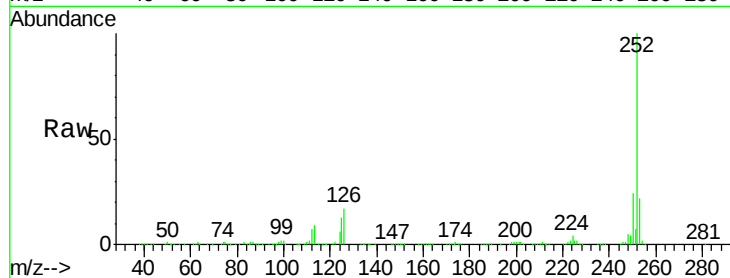




#87
Benzo(b)fluoranthene
Concen: 37.625 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

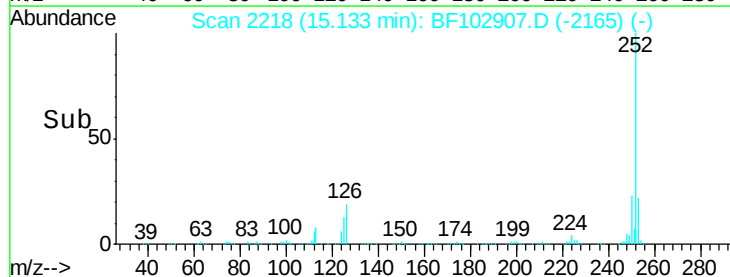
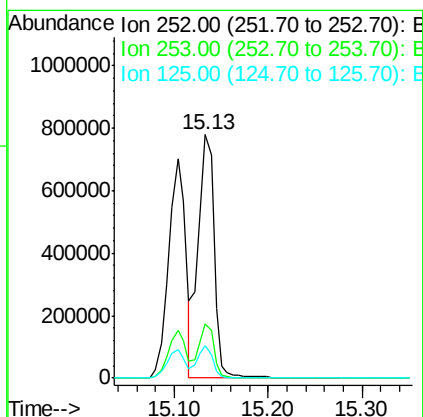
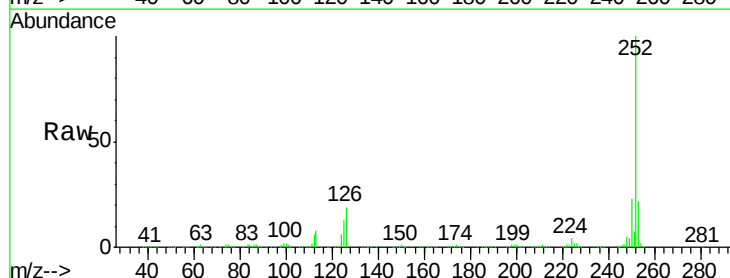
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 884881
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.135 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:252 Resp: 924355
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.528 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

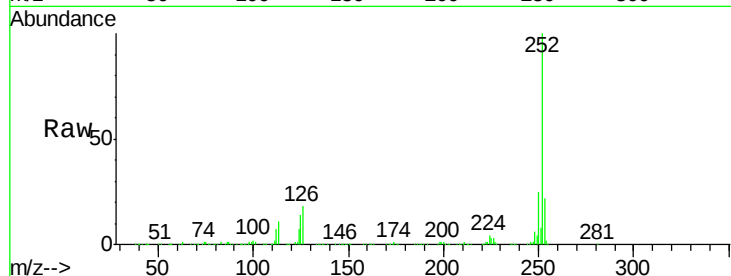
Tot Ion:252 Resp: 815600

Ion Ratio Lower Upper

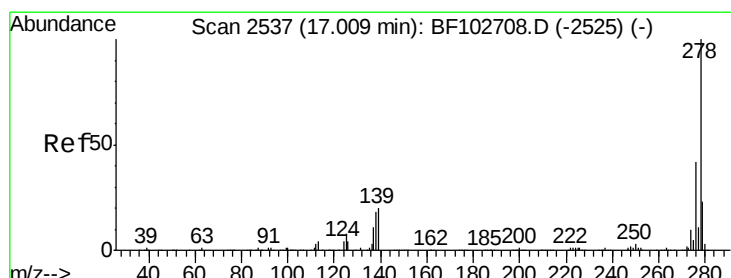
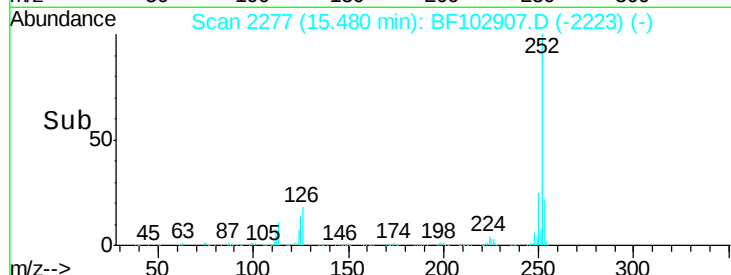
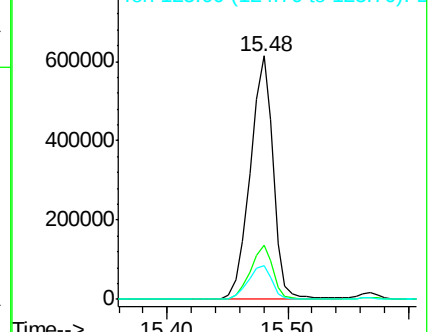
252 100

253 22.1 17.1 25.7

125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.666 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

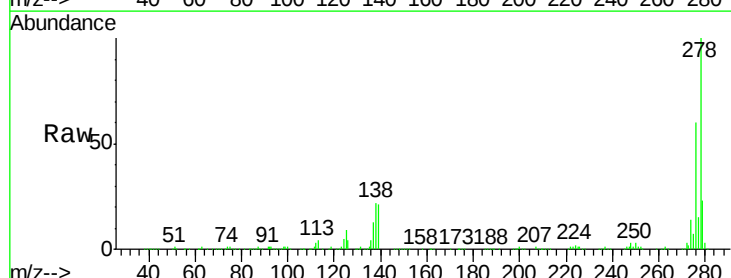
Tgt Ion:278 Resp: 647193

Ion Ratio Lower Upper

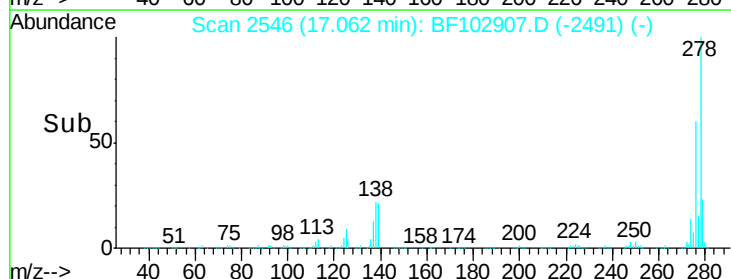
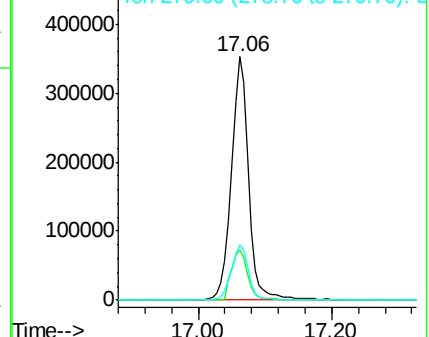
278 100

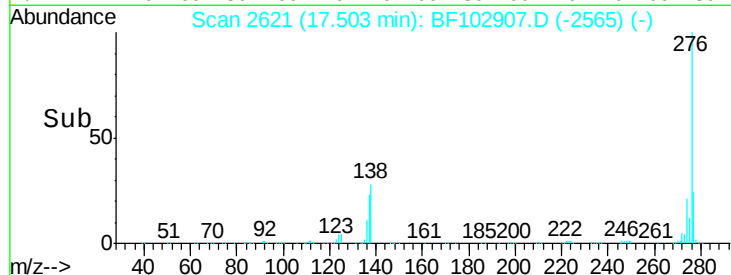
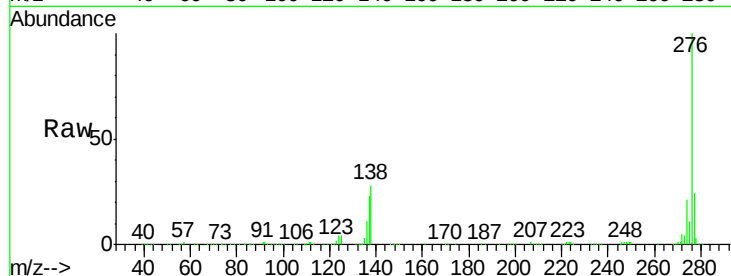
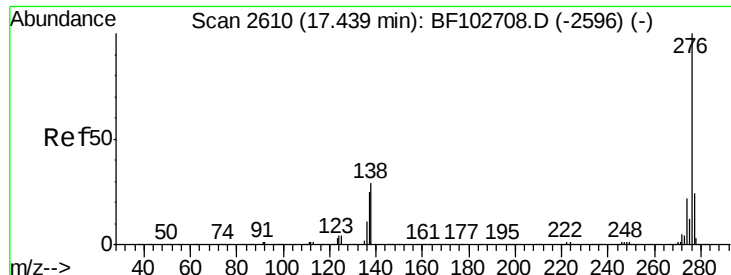
139 20.8 15.9 23.9

279 23.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.254 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.03 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	643358
Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	28.0	21.8	32.8

