

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107418.D
 Acq On : 16 Jul 2018 22:28
 Operator : JU/SJ
 Sample : J3545-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Quant Time: Jul 17 01:00:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	171720	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	604186	20.00	ng	0.02
38) Acenaphthene-d10	10.05	164	228613	20.00	ng	0.03
63) Phenanthrene-d10	11.54	188	420293	20.00	ng	0.03
75) Chrysene-d12	14.18	240	358244	20.00	ng	0.02
86) Perylene-d12	15.72	264	352459	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	368168	32.56	ng	0.02
7) Phenol-d6	6.64	99	71950	4.92	ng	0.04
23) Nitrobenzene-d5	7.57	82	1289283	113.79	ng	0.02
41) 2,4,6-Tribromophenol	10.87	330	251686	125.30	ng	0.06
44) 2-Fluorobiphenyl	9.37	172	1516323	114.33	ng	0.03
78) Terphenyl-d14	13.12	244	1295687	89.86	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	6552	1.174	ng	# 1
3) Pyridine	3.61	79	17995	1.195	ng	# 52
4) n-Nitrosodimethylamine	3.58	42	7604	1.230	ng	# 1
6) Aniline	6.64	93	5121	0.265	ng	# 1
8) 2-Chlorophenol	6.73	128	3947	0.345	ng	# 1
9) Benzaldehyde	6.54	77	239061	20.329	ng	# 6
10) Phenol	6.65	94	126596	8.078	ng	# 73
11) bis(2-Chloroethyl)ether	6.70	93	6725	0.526	ng	# 1
12) 1,3-Dichlorobenzene	6.92	146	135	0.010	ng	# 1
13) 1,4-Dichlorobenzene	6.98	146	328	0.024	ng	# 1
14) 1,2-Dichlorobenzene	7.14	146	1279	0.099	ng	# 1
15) Benzyl Alcohol	7.10	79	20868	1.421	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.24	45	22891	1.677	ng	# 1
17) 2-Methylphenol	7.23	107	7840	0.721	ng	# 1
18) Hexachloroethane	7.52	117	58937	11.510	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	55871	5.338	ng	# 17
20) 3+4-Methylphenols	7.37	107	117065	8.477	ng	# 1
22) Acetophenone	7.41	105	143518	8.646	ng	# 62
24) Nitrobenzene	7.55	77	26595	2.089	ng	# 50
25) Isophorone	7.83	82	66449	2.959	ng	# 1
26) 2-Nitrophenol	7.92	139	29928	6.914	ng	# 1
27) 2,4-Dimethylphenol	7.89	122	35053	3.884	ng	# 89
28) bis(2-Chloroethoxy)methane	8.07	93	251437	17.877	ng	# 94
29) 2,4-Dichlorophenol	8.15	162	4945	0.526	ng	# 1
30) 1,2,4-Trichlorobenzene	8.23	180	1129	0.099	ng	# 30
31) Naphthalene	8.30	128	387423	13.201	ng	# 69
32) Benzoic acid	8.01	122	34092	6.154	ng	# 1
33) 4-Chloroaniline	8.33	127	34640	2.725	ng	# 1
34) Hexachlorobutadiene	8.46	225	215	0.028	ng	# 18
35) Caprolactam	8.72	113	36681	12.005	ng	# 5
36) 4-Chloro-3-methylphenol	8.81	107	165091	13.452	ng	# 26
37) 2-Methylnaphthalene	9.00	142	95422	4.933	ng	# 61
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	256	0.029	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	163	0.035	ng	# 76

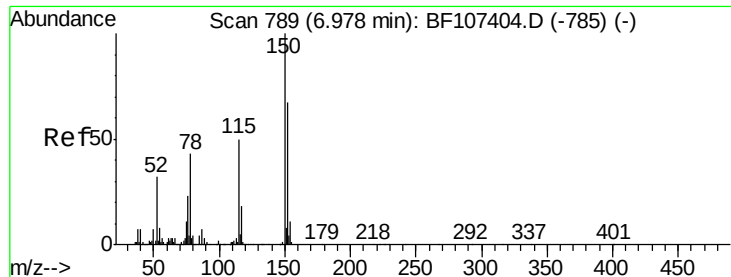
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	1369	0.247	ng	# 13
43) 2,4,5-Trichlorophenol	9.28	196	1369	0.258	ng	# 1
45) 1,1'-Biphenyl	9.47	154	31680	1.603	ng	# 1
46) 2-Chloronaphthalene	9.51	162	100192	6.418	ng	# 83
47) 2-Nitroaniline	9.57	65	80668	16.885	ng	# 22
48) Acenaphthylene	9.92	152	17315	0.795	ng	# 1
49) Dimethylphthalate	9.75	163	14799	0.815	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	8968	2.587	ng	# 1
51) Acenaphthene	10.09	154	5945	0.412	ng	# 84
52) 3-Nitroaniline	10.00	138	6821	1.874	ng	# 21
53) 2,4-Dinitrophenol	10.12	184	4189	7.038	ng	# 1
54) Dibenzofuran	10.23	168	26368	1.181	ng	# 1
55) 4-Nitrophenol	10.13	139	39368	13.363	ng	# 1
56) 2,4-Dinitrotoluene	10.24	165	7219	1.598	ng	# 1
57) Fluorene	10.61	166	3185	0.215	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.37	232	228	0.044	ng	# 1
59) Diethylphthalate	10.49	149	39801	2.255	ng	# 78
60) 4-Chlorophenyl-phenylether	10.61	204	623	0.071	ng	# 1
61) 4-Nitroaniline	10.84	138	32090	9.262	ng	# 86
62) Azobenzene	10.75	77	71891	3.469	ng	# 60
64) 4,6-Dinitro-2-methylphenol	10.63	198	1439	8.028	ng	# 1
65) n-Nitrosodiphenylamine	10.71	169	8025	0.605	ng	# 39
66) 4-Bromophenyl-phenylether	11.01	248	1875	0.390	ng	# 1
67) Hexachlorobenzene	11.12	284	152	0.034	ng	# 1
68) Atrazine	11.24	200	9133	1.821	ng	# 1
69) Pentachlorophenol	11.34	266	1587	0.482	ng	# 19
70) Phenanthrene	11.57	178	30087	1.436	ng	# 1
71) Anthracene	11.62	178	11202	0.537	ng	# 1
72) Carbazole	11.78	167	13326	0.675	ng	# 1
73) Di-n-butylphthalate	12.10	149	104495	4.604	ng	# 81
74) Fluoranthene	12.75	202	30174	1.267	ng	# 1
76) Benzidine	12.85	184	3476	0.250	ng	# 1
77) Pyrene	12.97	202	8866	0.364	ng	# 1
79) Butylbenzylphthalate	13.58	149	7391	0.833	ng	# 1
80) Benzo(a)anthracene	14.19	228	18292	0.835	ng	# 36
81) 3,3'-Dichlorobenzidine	14.14	252	4195	0.571	ng	# 68
82) Chrysene	14.19	228	18292	0.874	ng	# 43
83) Bis(2-ethylhexyl)phthalate	14.15	149	2089177	164.294	ng	# 91
84) Di-n-octyl phthalate	14.79	149	67218	3.400	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.29	276	1136	0.076	ng	# 1
87) Benzo(b)fluoranthene	15.27	252	2430	0.118	ng	# 1
88) Benzo(k)fluoranthene	15.32	252	4825	0.240	ng	# 1
89) Benzo(a)pyrene	15.62	252	3207	0.169	ng	# 1
90) Dibenzo(a,h)anthracene	17.31	278	998	0.070	ng	# 1
91) Benzo(g,h,i)perylene	17.79	276	1398	0.096	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF107418.D

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DRUM-1

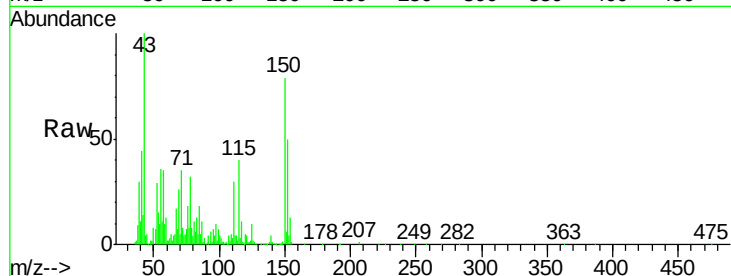
Tgt Ion:152 Resp: 171720

Ion Ratio Lower Upper

152 100

150 158.8 124.6 186.8

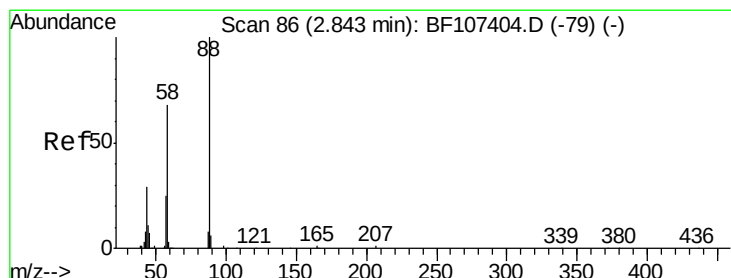
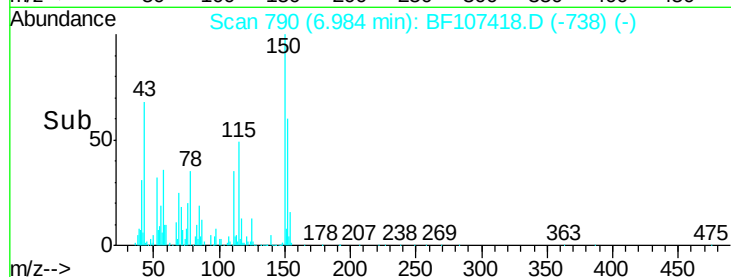
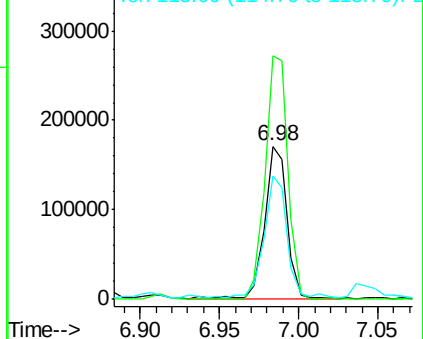
115 80.4 50.1 75.1#



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: 1.174 ng

RT: 2.85 min Scan# 88

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

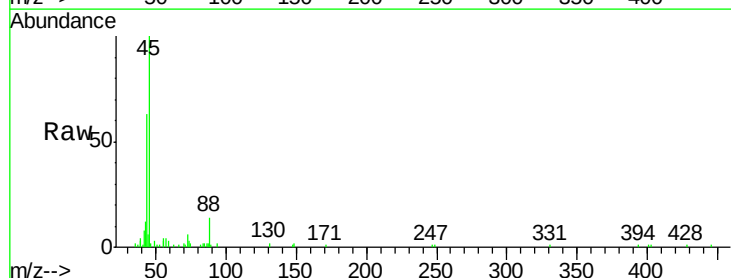
Tgt Ion: 88 Resp: 6552

Ion Ratio Lower Upper

88 100

58 10.7 62.6 93.8#

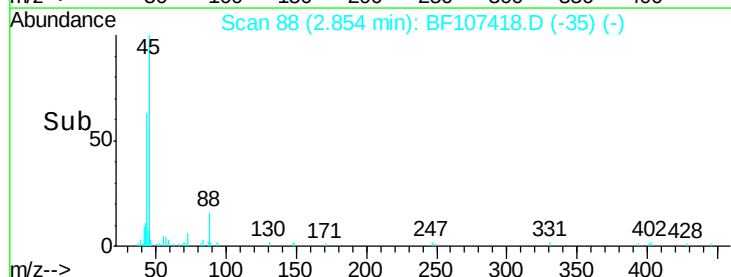
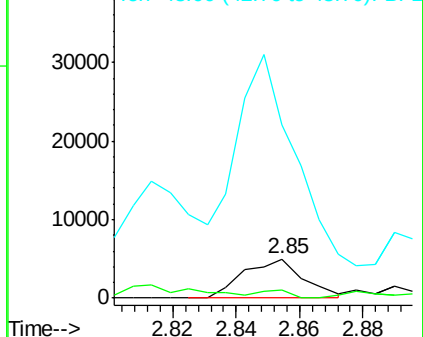
43 632.6 24.6 37.0#

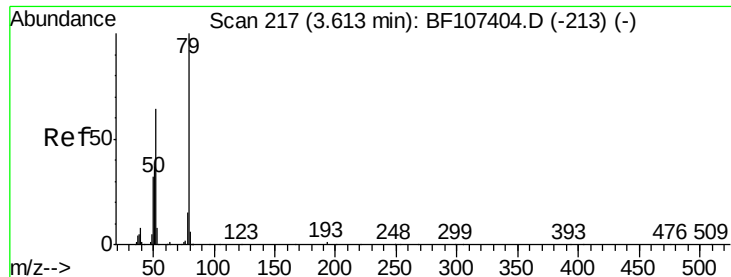


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 1.195 ng

RT: 3.61 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

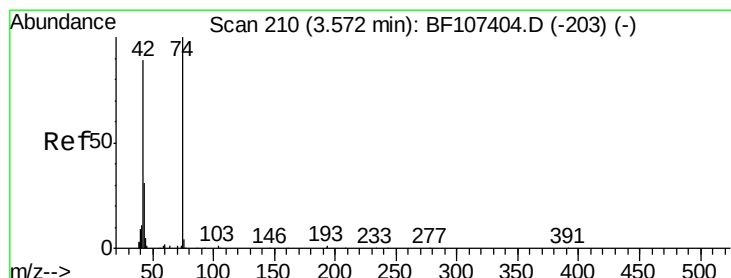
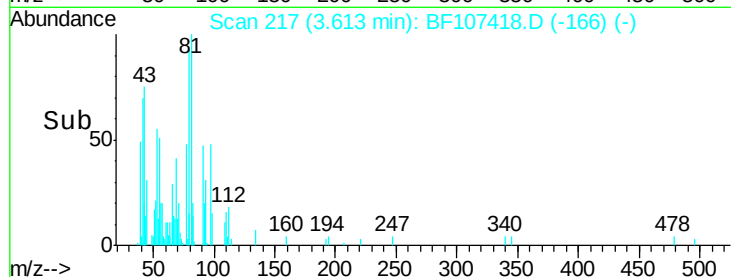
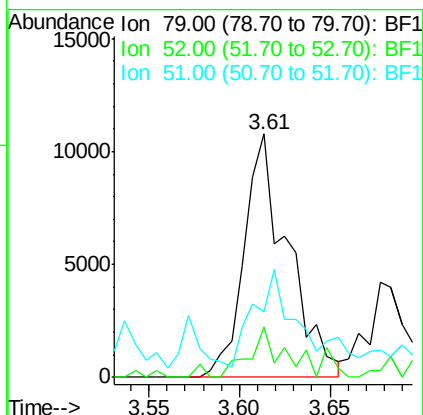
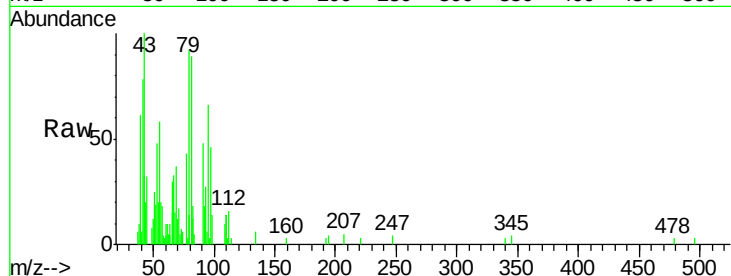
Tgt Ion: 79 Resp: 17995

Ion Ratio Lower Upper

79 100

52 20.5 59.8 89.6#

51 26.9 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 1.230 ng

RT: 3.58 min Scan# 211

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

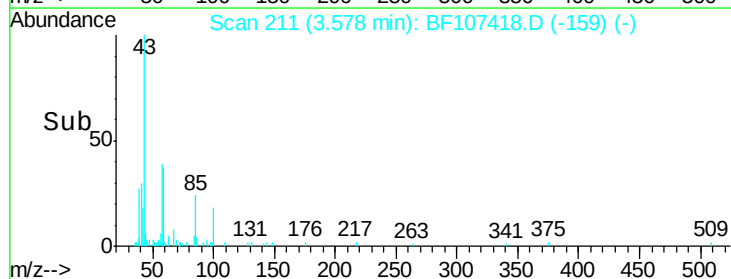
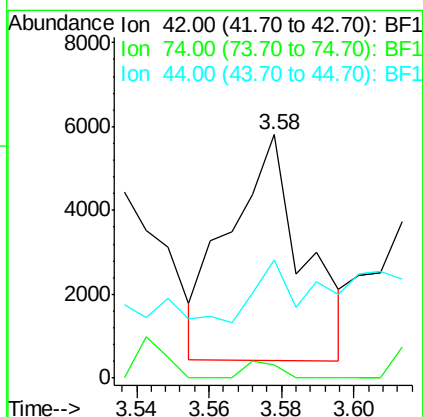
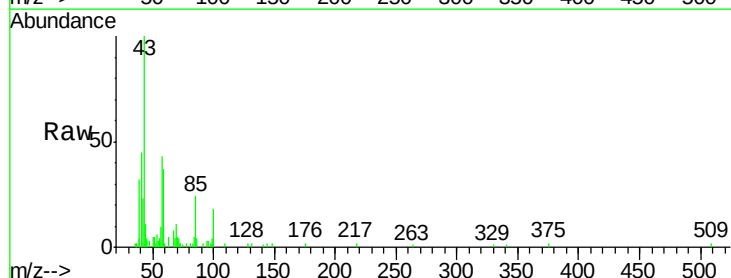
Tgt Ion: 42 Resp: 7604

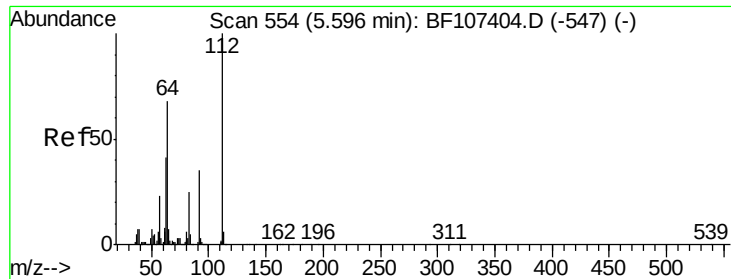
Ion Ratio Lower Upper

42 100

74 5.6 104.9 157.3#

44 48.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 32.562 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

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ClientSampleId :

DRUM-1

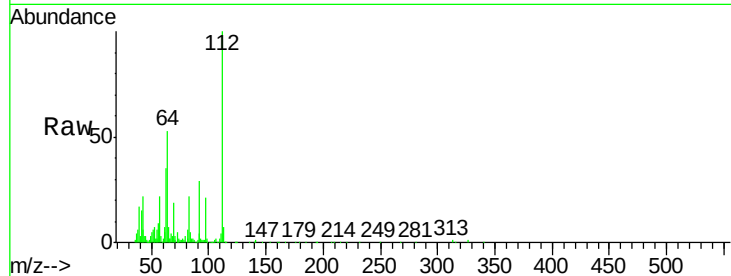
Tgt Ion: 112 Resp: 368168

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

63 35.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

250000

200000

150000

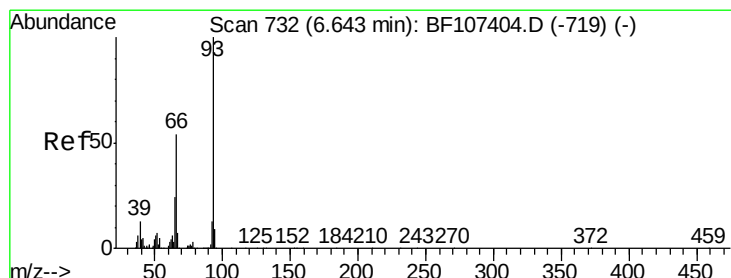
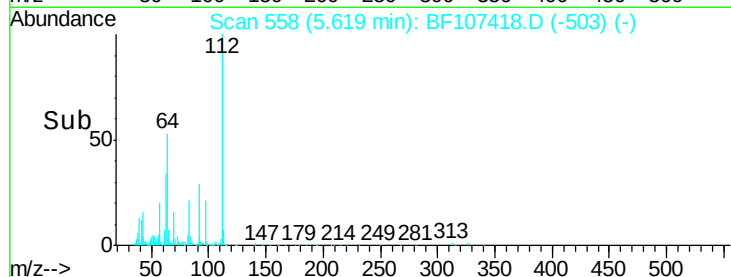
100000

50000

0

5.56 5.58 5.60 5.62 5.64

Time-->



#6

Aniline

Concen: 0.265 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

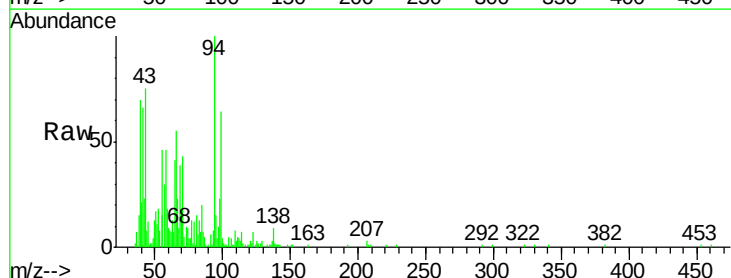
Tgt Ion: 93 Resp: 5121

Ion Ratio Lower Upper

93 100

66 697.4 32.2 48.2#

65 524.6 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

60000

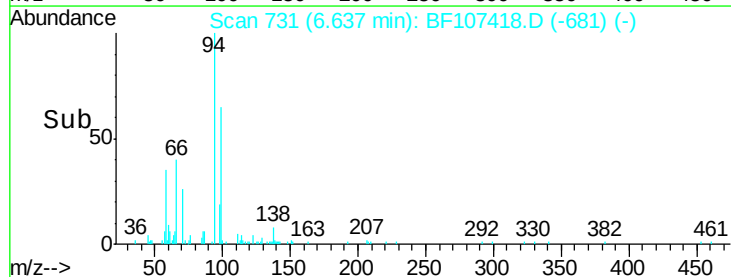
40000

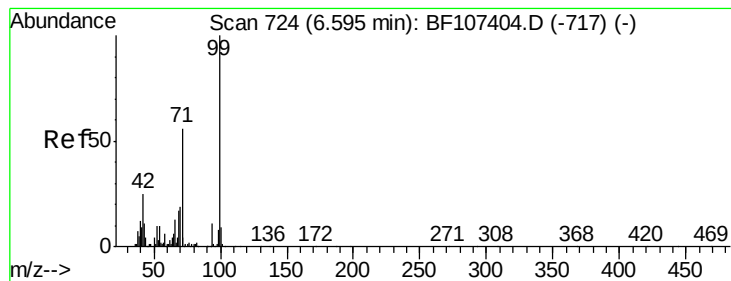
20000

0

6.60 6.62 6.64 6.66

Time-->





#7

Phenol-d6

Concen: 4.922 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

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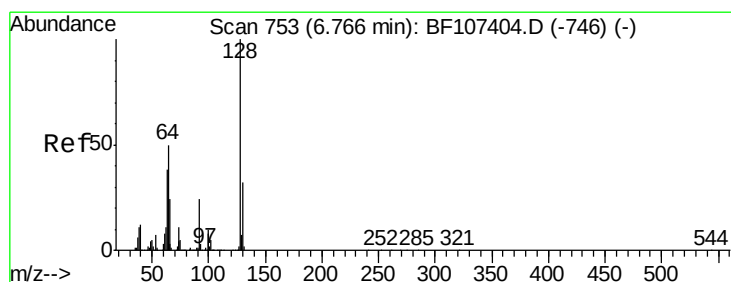
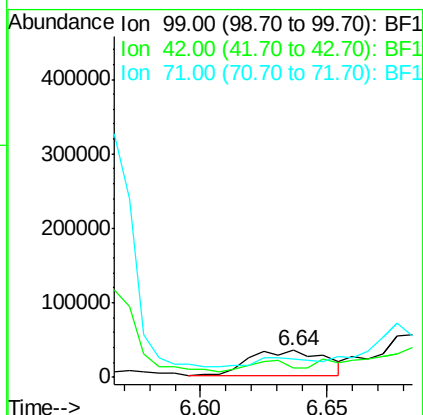
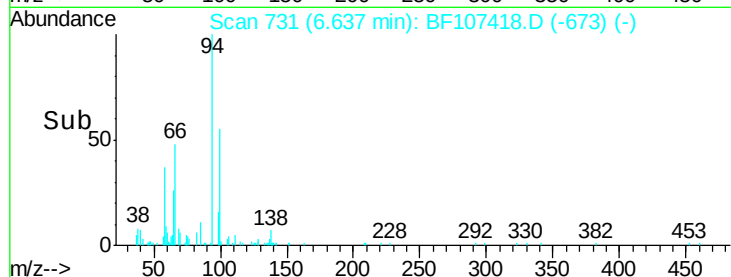
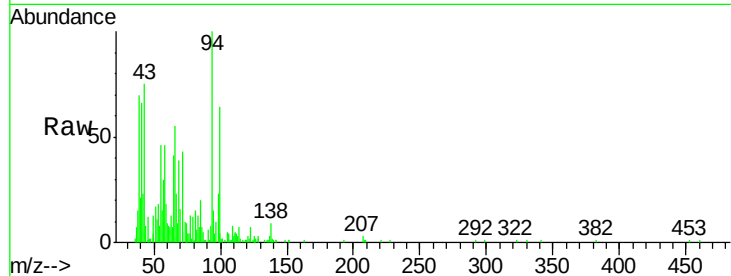
Tgt Ion: 99 Resp: 71950

Ion Ratio Lower Upper

99 100

42 36.1 14.5 21.7#

71 67.2 25.4 38.0#



#8

2-Chlorophenol

Concen: 0.345 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

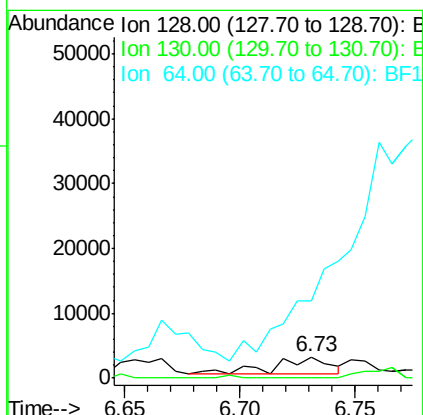
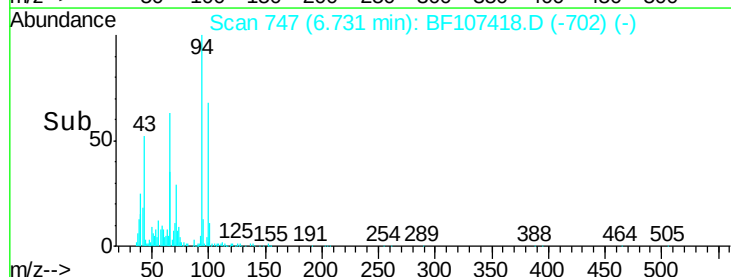
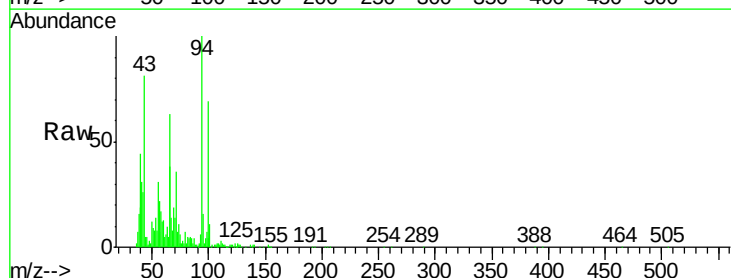
Tgt Ion: 128 Resp: 3947

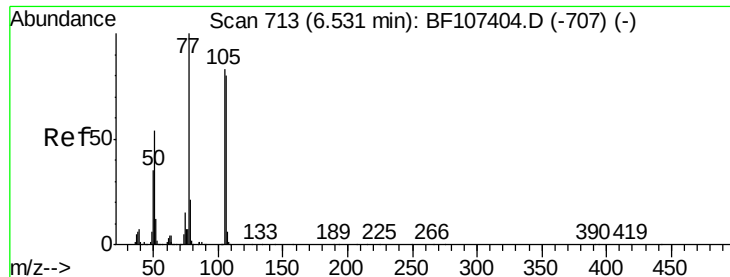
Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

64 361.1 29.4 69.4#





#9

Benzaldehyde

Concen: 20.329 ng

RT: 6.54 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF107418.D

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Instrument :

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ClientSampleId :

DRUM-1

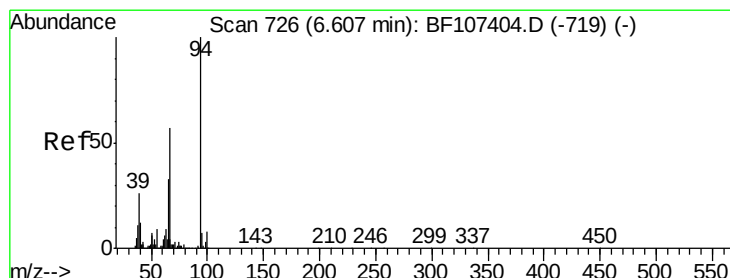
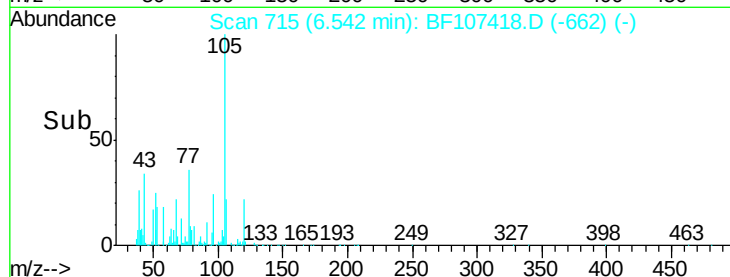
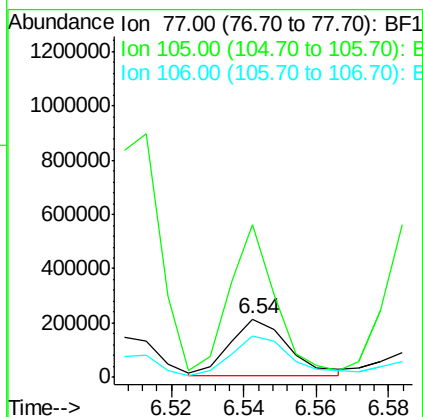
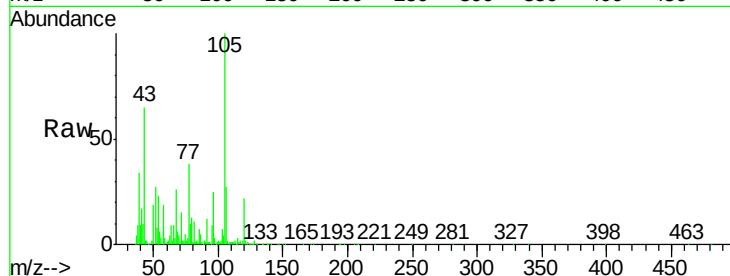
Tgt Ion: 77 Resp: 239061

Ion Ratio Lower Upper

77 100

105 262.1 81.1 121.1#

106 71.0 74.5 114.5#



#10

Phenol

Concen: 8.078 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.05 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

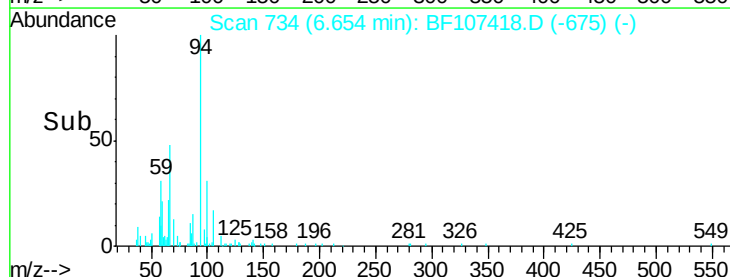
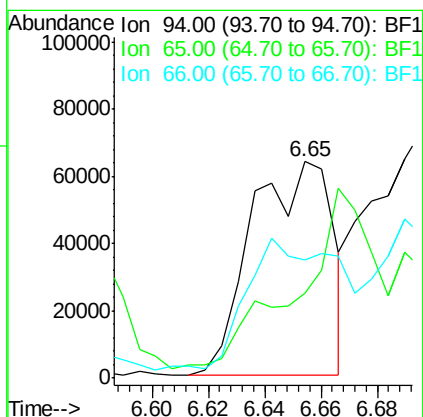
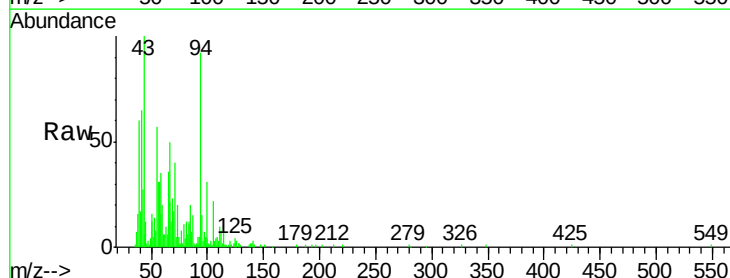
Tgt Ion: 94 Resp: 126596

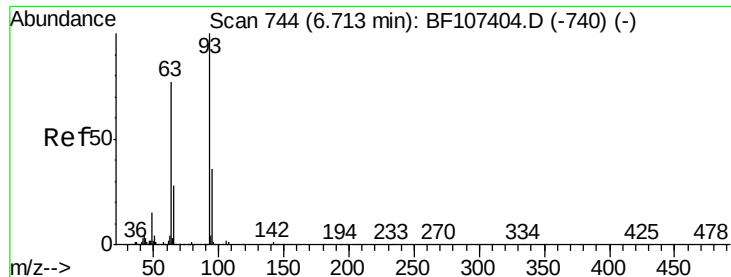
Ion Ratio Lower Upper

94 100

65 39.5 7.9 47.9

66 54.8 16.2 56.2

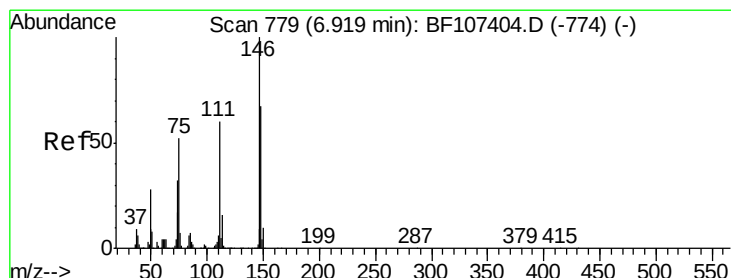
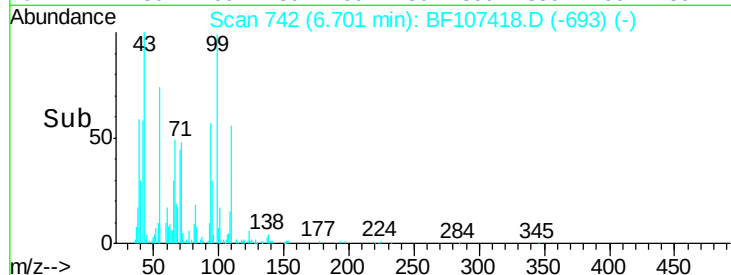
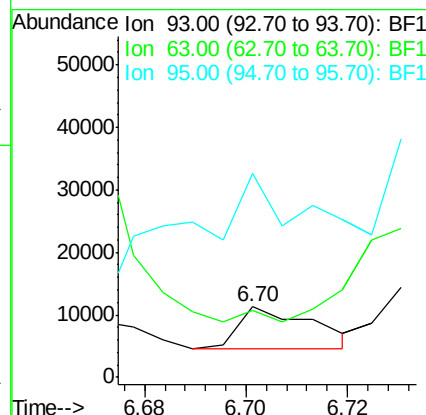
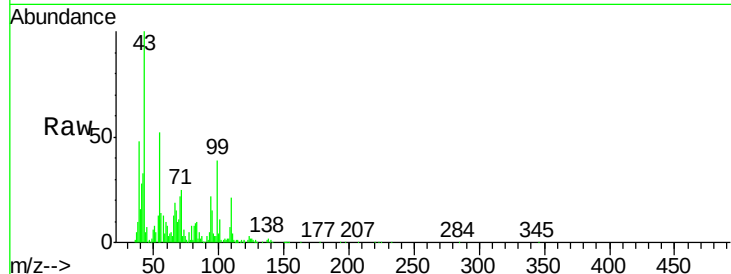




#11
 bis(2-Chloroethyl)ether
 Concen: 0.526 ng
 RT: 6.70 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

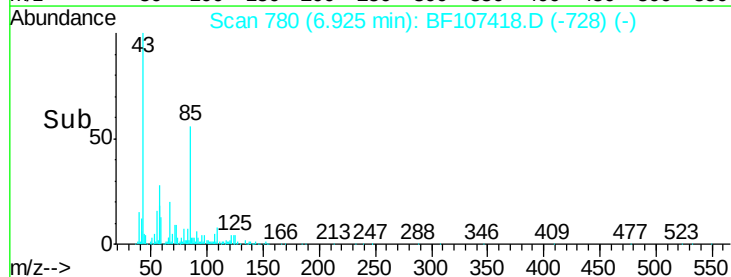
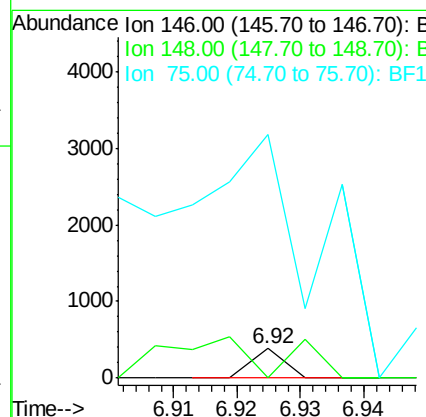
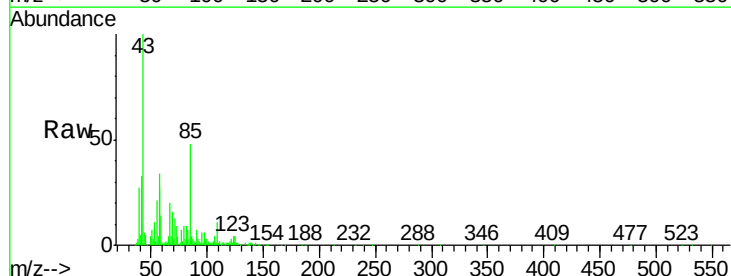
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

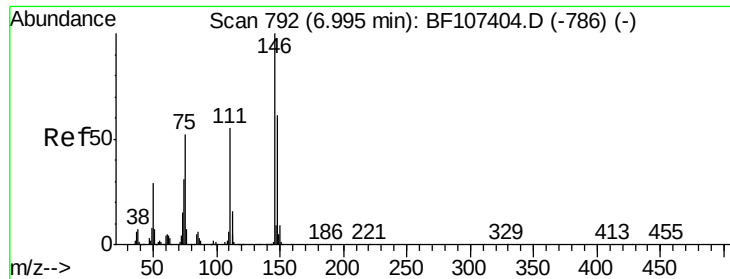
Tgt Ion: 93 Resp: 6725
 Ion Ratio Lower Upper
 93 100
 63 95.7 58.6 98.6
 95 289.2 11.8 51.8#



#12
 1,3-Dichlorobenzene
 Concen: 0.010 ng
 RT: 6.92 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion: 146 Resp: 135
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.8 77.8#
 75 829.8 24.2 36.4#





#13

1,4-Dichlorobenzene

Concen: 0.024 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

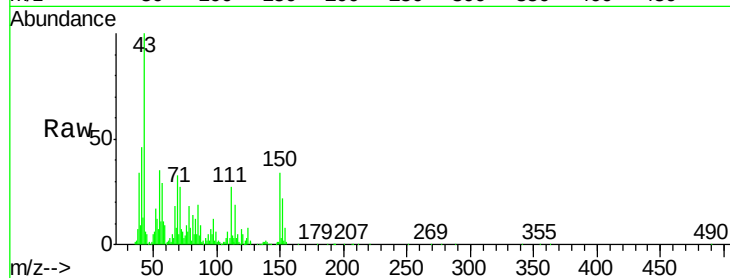
Tgt Ion:146 Resp: 328

Ion Ratio Lower Upper

146 100

148 370.5 50.8 76.2#

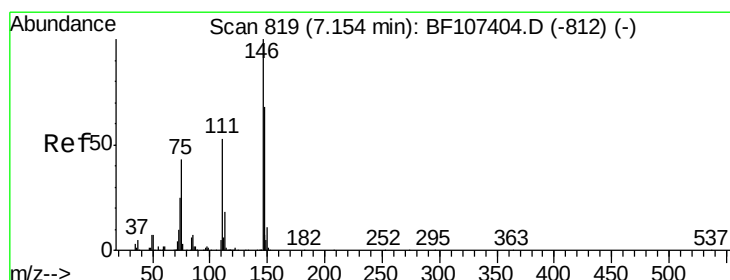
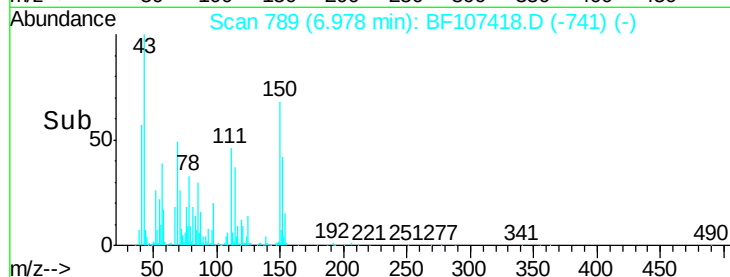
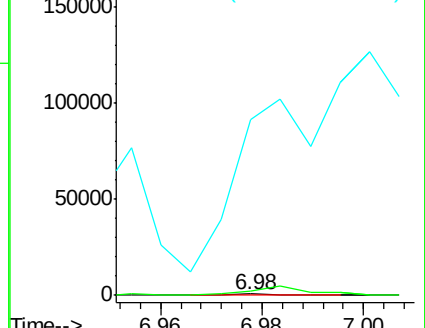
111 15678.1 34.2 51.2#



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: 0.099 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

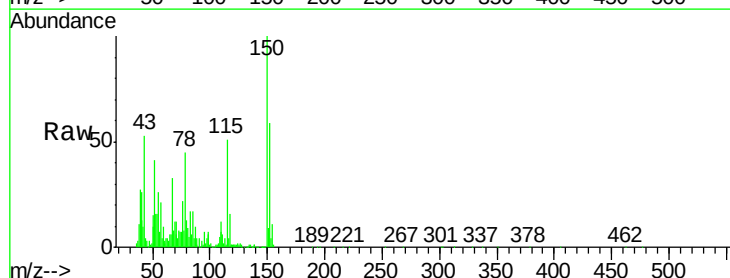
Tgt Ion:146 Resp: 1279

Ion Ratio Lower Upper

146 100

148 122.0 50.6 75.8#

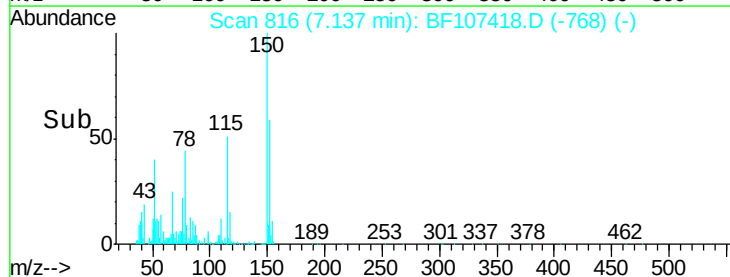
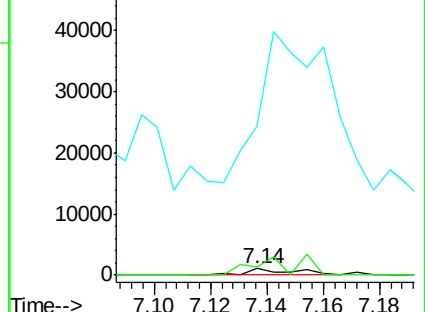
111 2248.4 36.0 54.0#

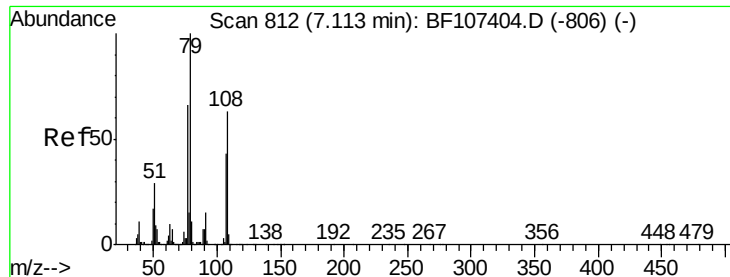


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.421 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

DRUM-1

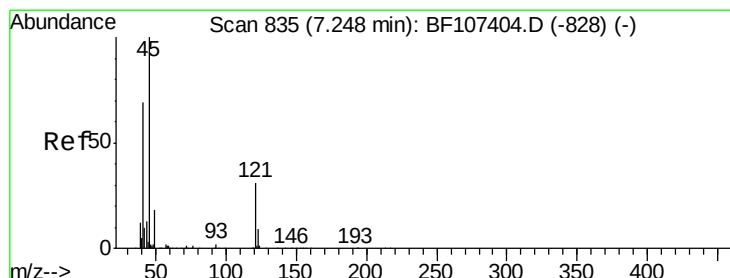
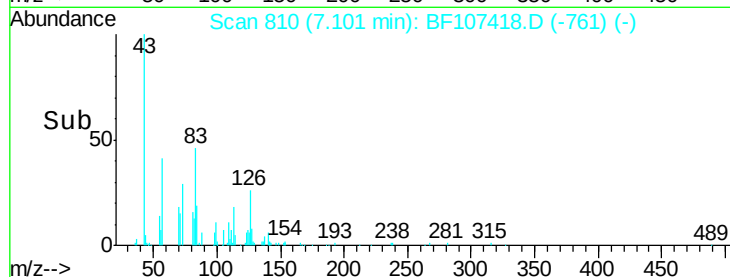
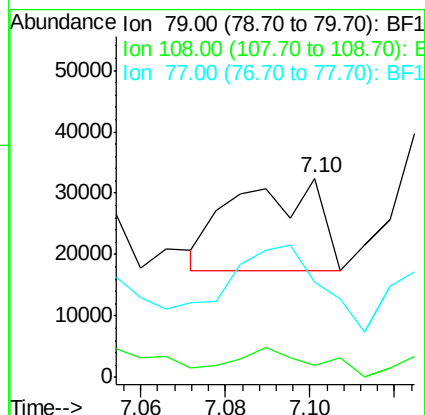
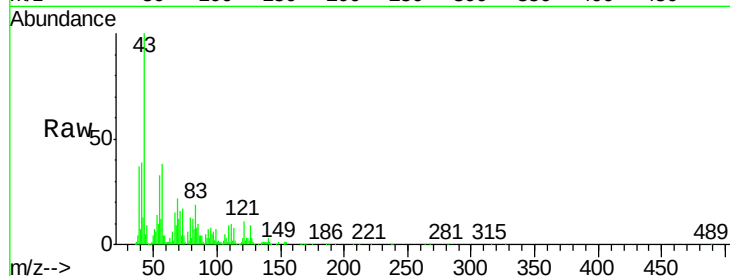
Tgt Ion: 79 Resp: 20868

Ion Ratio Lower Upper

79 100

108 5.7 65.1 97.7#

77 47.9 50.6 75.8#



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.677 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

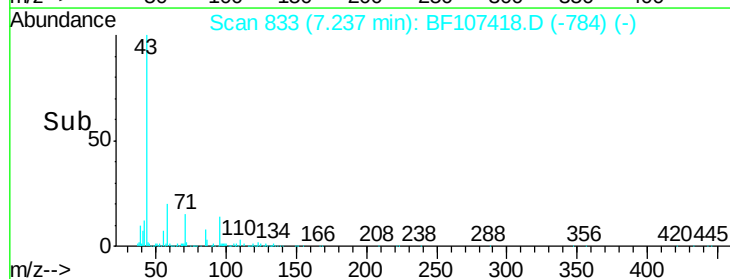
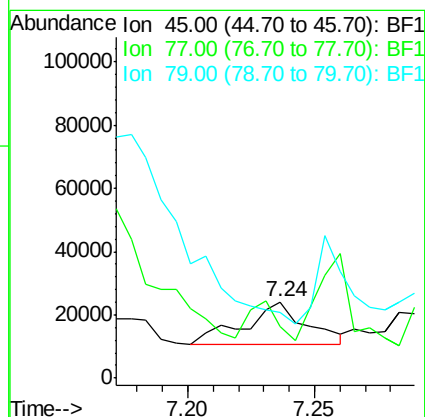
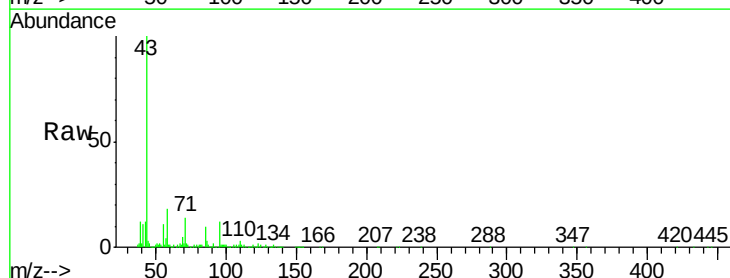
Tgt Ion: 45 Resp: 22891

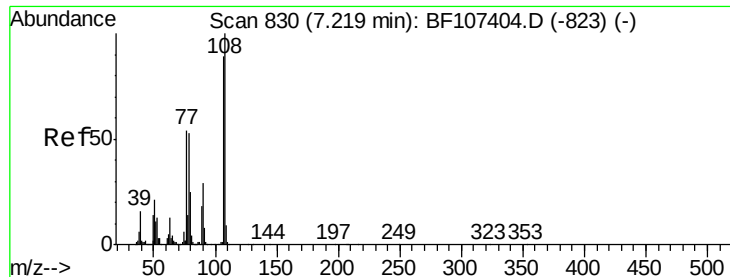
Ion Ratio Lower Upper

45 100

77 67.5 0.0 32.9#

79 85.6 0.0 29.6#





#17

2-Methylphenol

Concen: 0.721 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

Tgt Ion:107 Resp: 7840

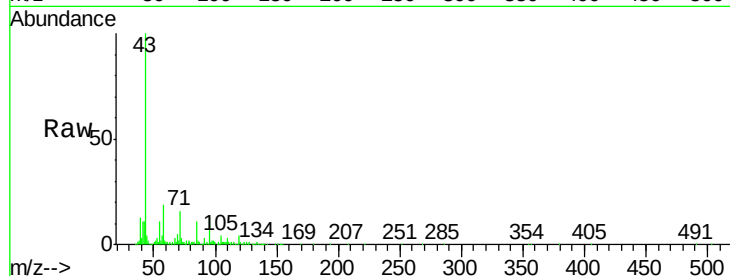
Ion Ratio Lower Upper

107 100

108 54.1 91.7 137.5#

77 189.4 33.8 50.8#

79 166.4 33.8 50.8#

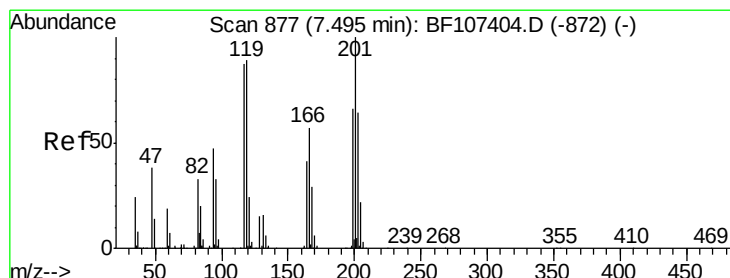
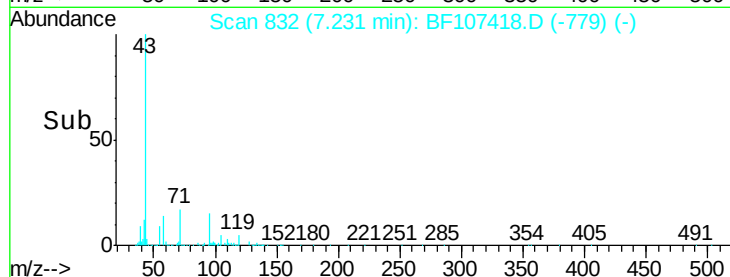
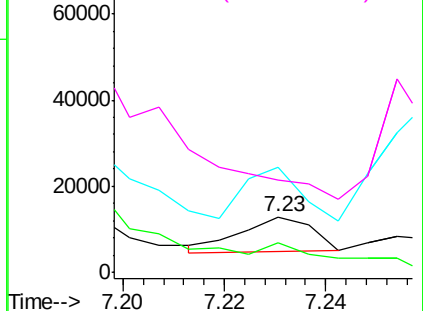


Abundance Ion 107.00 (106.70 to 107.70): E

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: 11.510 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

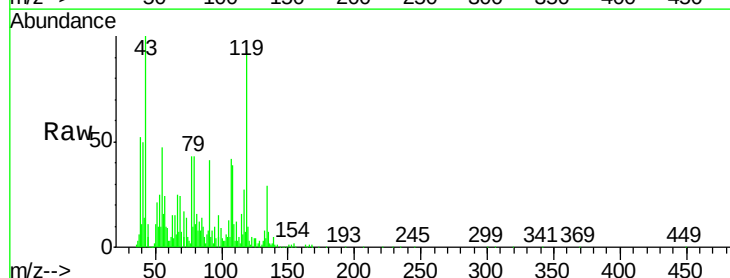
Tgt Ion:117 Resp: 58937

Ion Ratio Lower Upper

117 100

119 338.7 75.8 113.8#

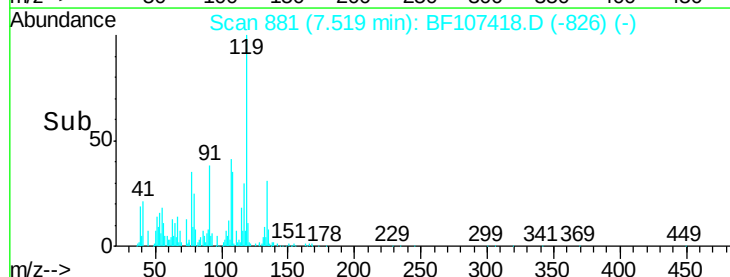
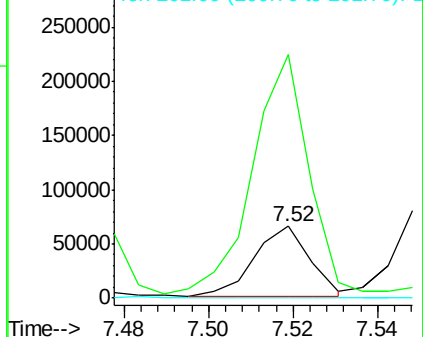
201 0.0 75.7 113.5#

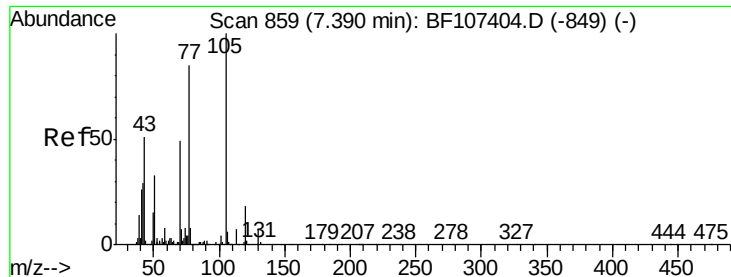


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

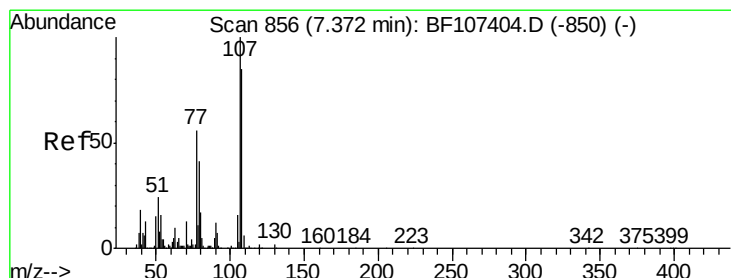
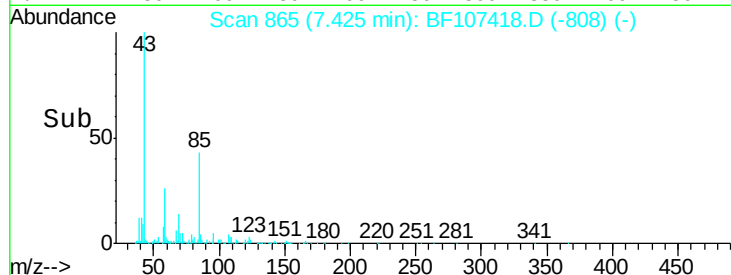
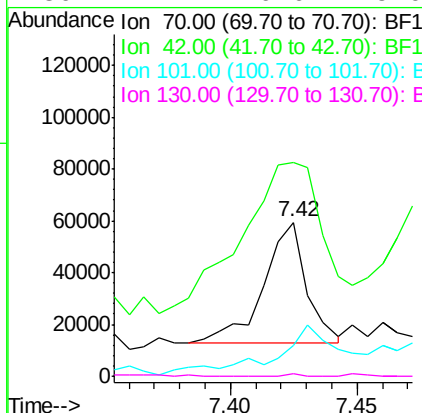
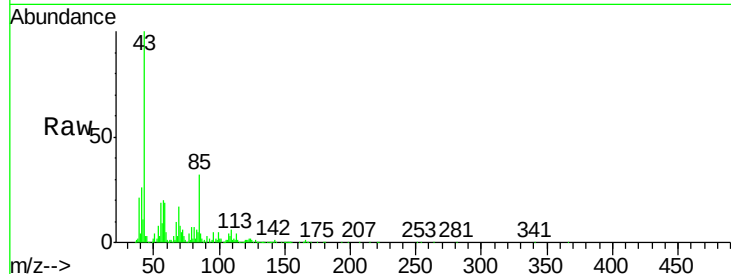




#19
n-Nitroso-di-n-propylamine
Concen: 5.338 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.04 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

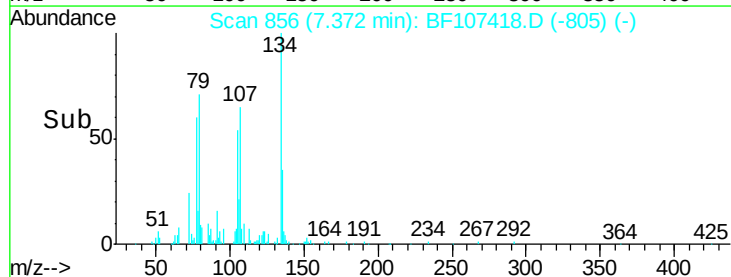
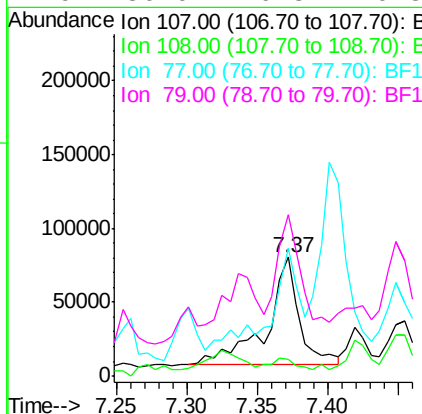
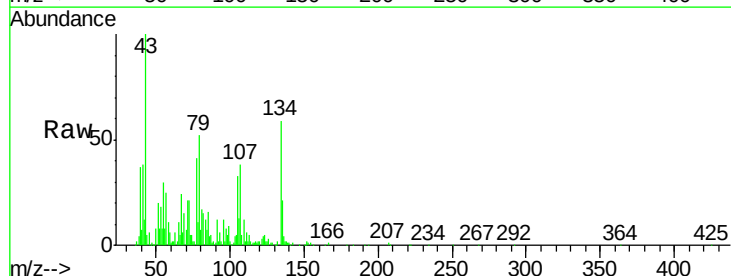
Instrument :
BNA_F
ClientSampleId :
DRUM-1

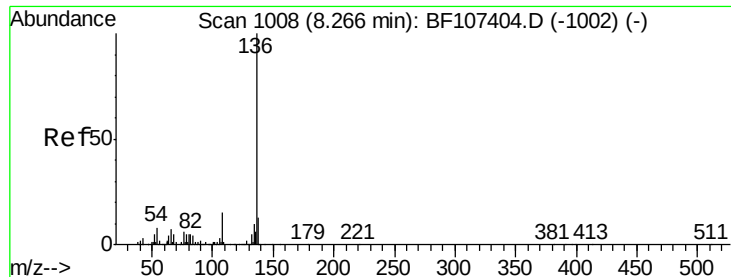
Tgt Ion: 70 Resp: 55871
Ion Ratio Lower Upper
70 100
42 138.5 47.5 71.3#
101 20.2 7.4 11.2#
130 1.4 16.6 25.0#



#20
3+4-Methylphenols
Concen: 8.477 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion: 107 Resp: 117065
Ion Ratio Lower Upper
107 100
108 13.5 68.2 108.2#
77 107.8 26.7 66.7#
79 136.0 6.3 46.3#

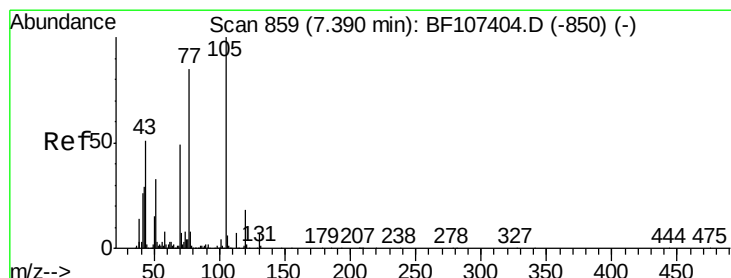
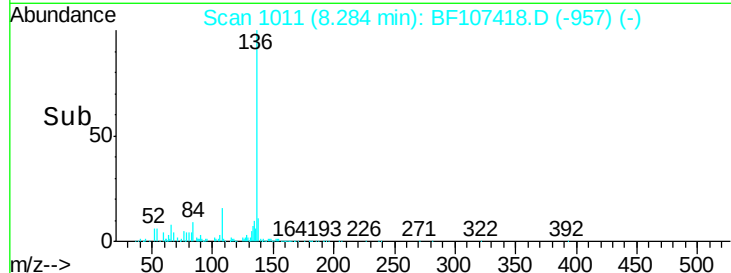
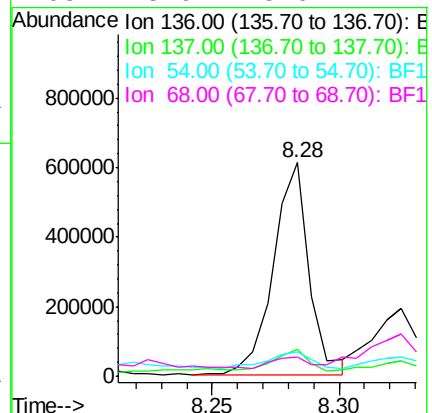
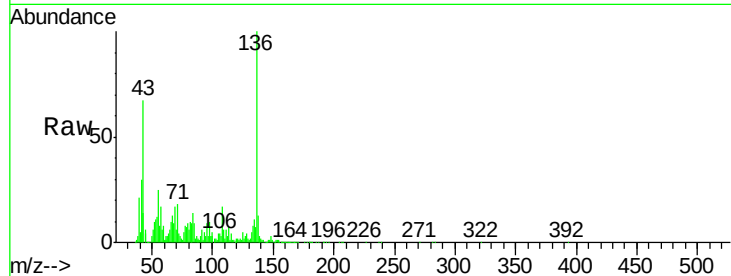




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

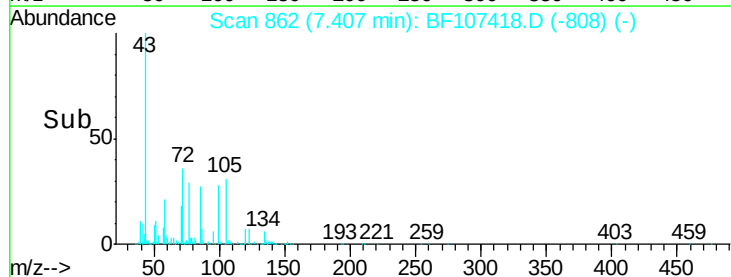
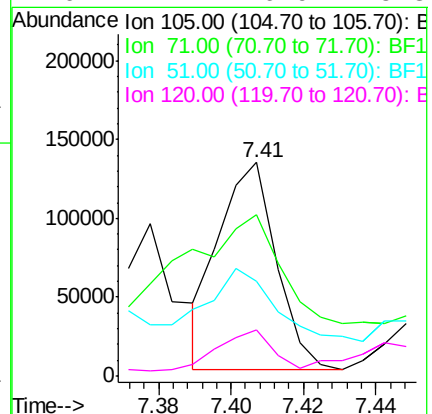
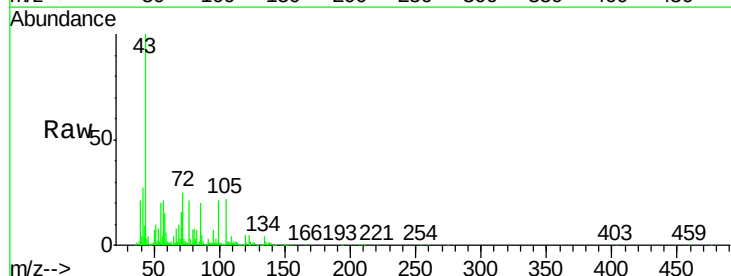
Instrument :
BNA_F
ClientSampleId :
DRUM-1

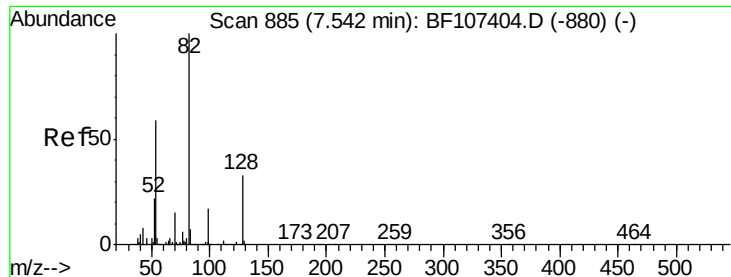
Tgt Ion:	136	Resp:	604186
Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	11.5	6.6	9.8#
68	8.9	5.0	7.4#



#22
Acetophenone
Concen: 8.646 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:	105	Resp:	143518
Ion	Ratio	Lower	Upper
105	100		
71	75.5	4.4	6.6#
51	44.5	22.3	33.5#
120	21.7	16.9	25.3

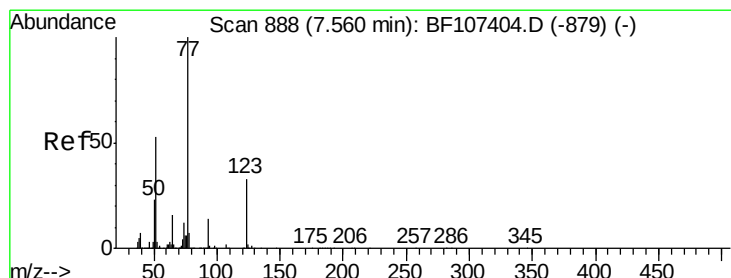
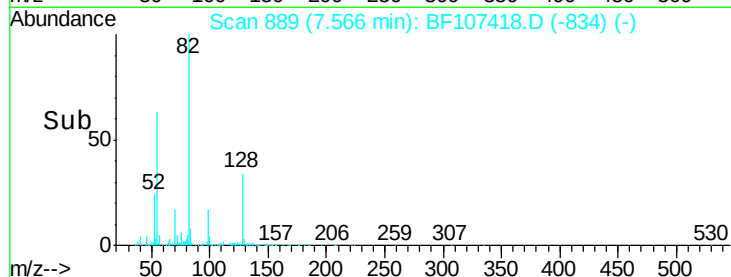
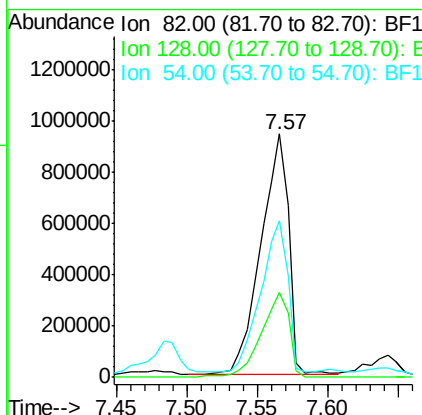
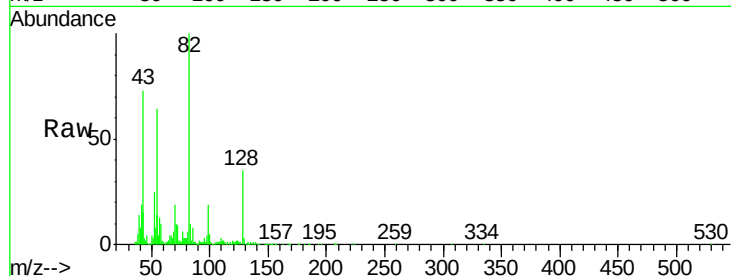




#23
 Nitrobenzene-d5
 Concen: 113.789 ng
 RT: 7.57 min Scan# 889
 Delta R.T. 0.02 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

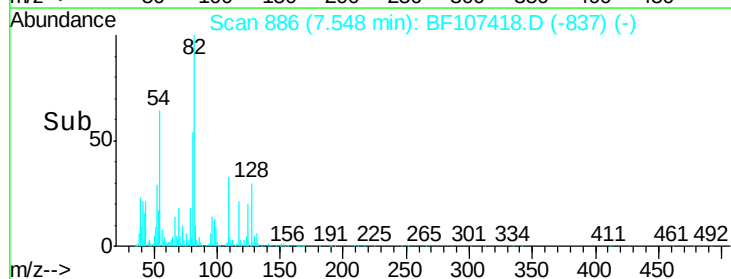
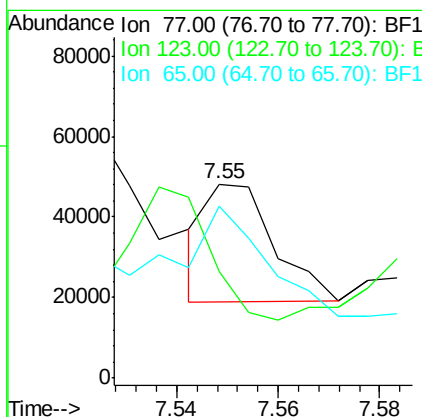
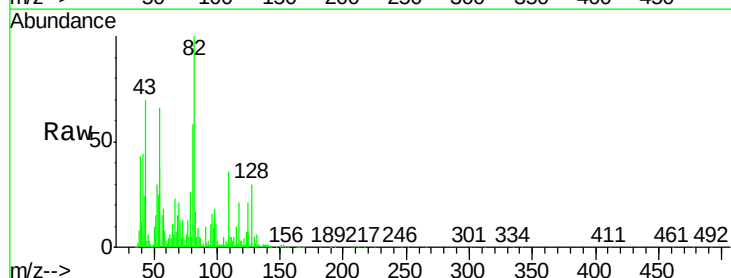
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

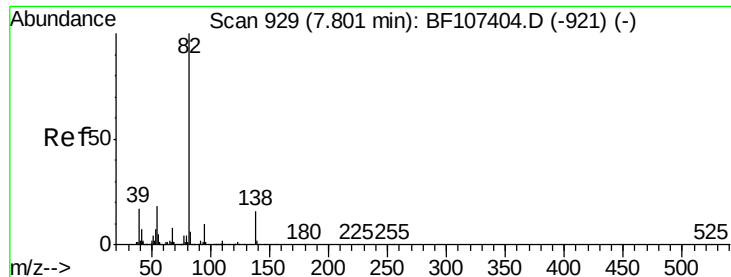
Tgt Ion: 82 Resp: 1289283
 Ion Ratio Lower Upper
 82 100
 128 34.9 36.1 54.1#
 54 64.2 41.4 62.2#



#24
 Nitrobenzene
 Concen: 2.089 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion: 77 Resp: 26595
 Ion Ratio Lower Upper
 77 100
 123 54.8 37.9 56.9
 65 88.7 11.0 16.4#





#25

Isophorone

Concen: 2.959 ng

RT: 7.83 min Scan# 934

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

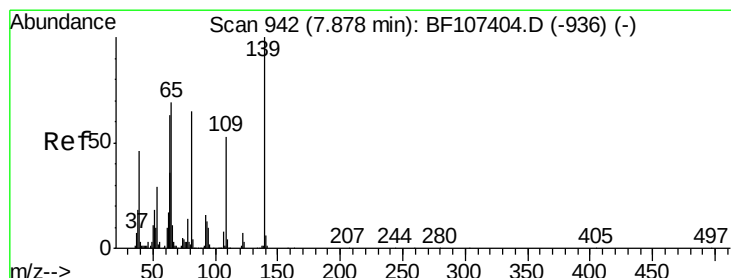
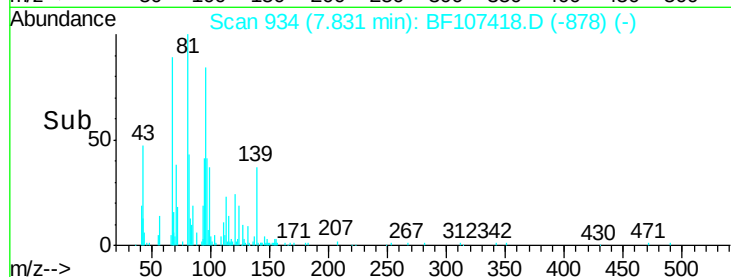
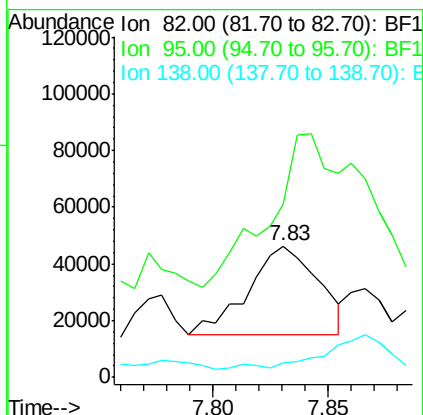
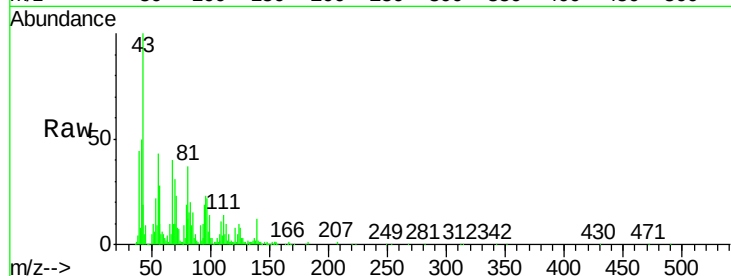
Tgt Ion: 82 Resp: 66449

Ion Ratio Lower Upper

82 100

95 132.3 5.2 7.8#

138 10.7 14.9 22.3#



#26

2-Nitrophenol

Concen: 6.914 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

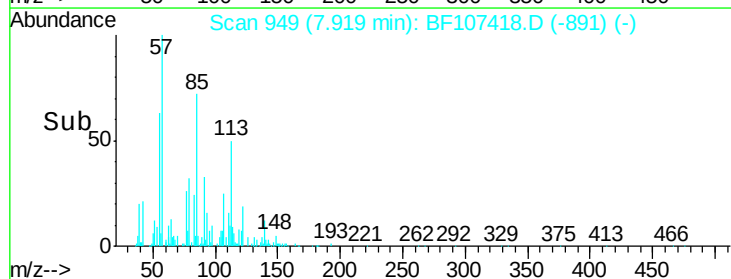
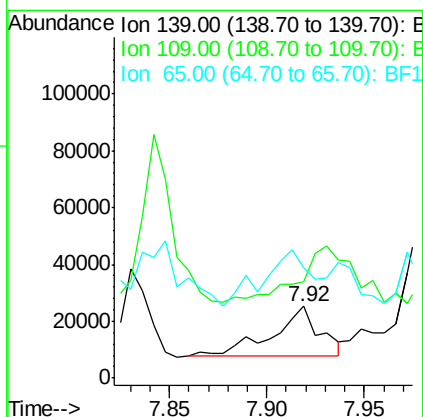
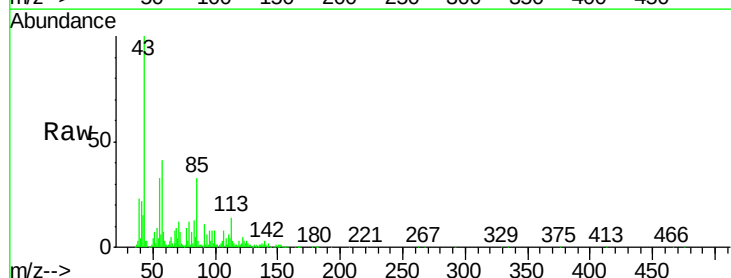
Tgt Ion: 139 Resp: 29928

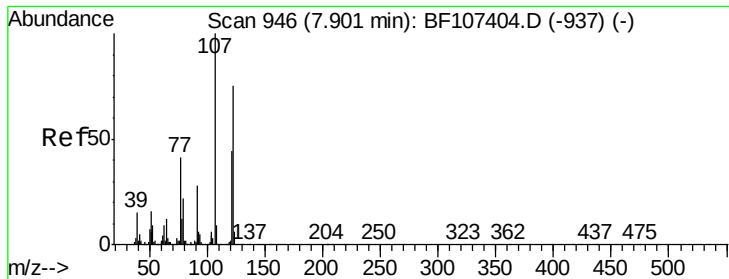
Ion Ratio Lower Upper

139 100

109 135.2 22.7 34.1#

65 155.3 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 3.884 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

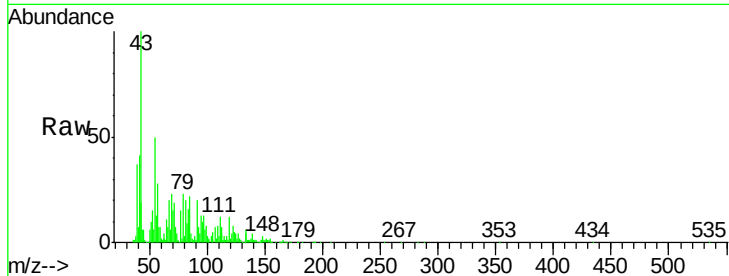
Tgt Ion:122 Resp: 35053

Ion Ratio Lower Upper

122 100

107 99.4 91.2 136.8

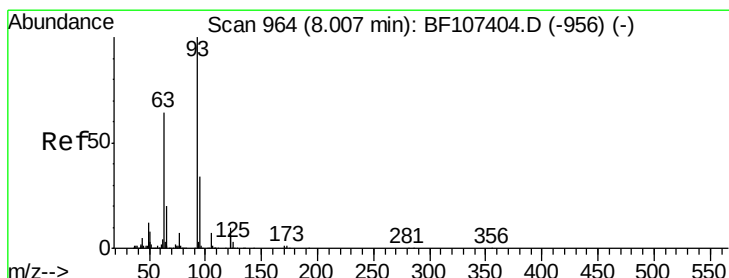
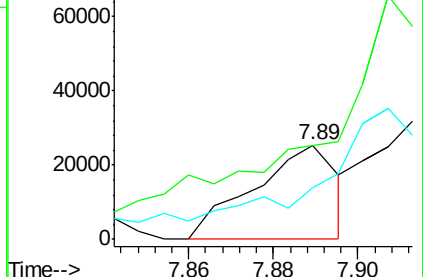
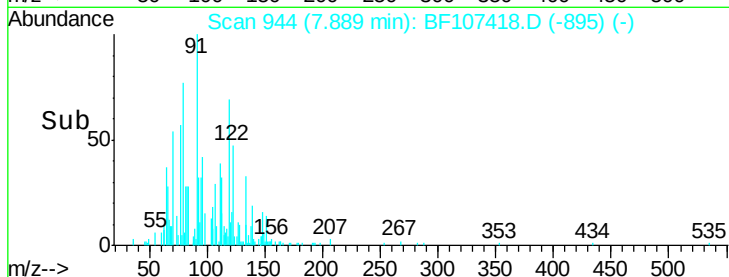
121 55.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 17.877 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.06 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

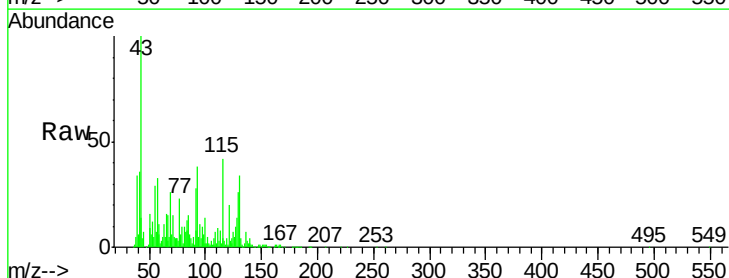
Tgt Ion: 93 Resp: 251437

Ion Ratio Lower Upper

93 100

95 29.1 26.3 39.5

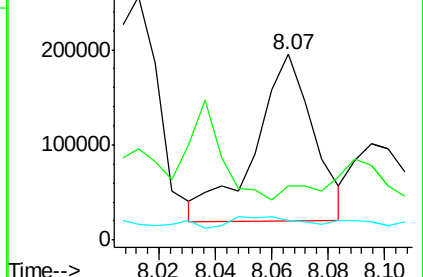
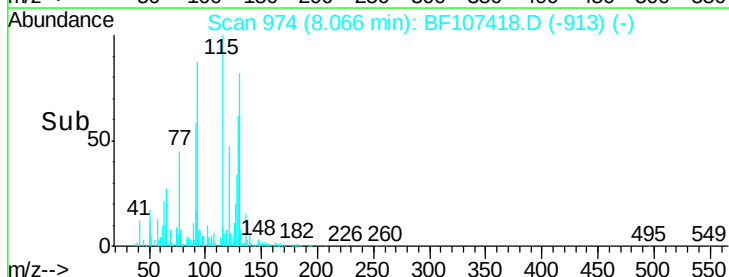
123 10.5 9.8 14.6

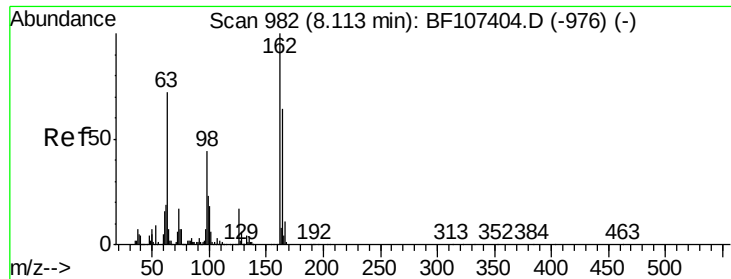


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

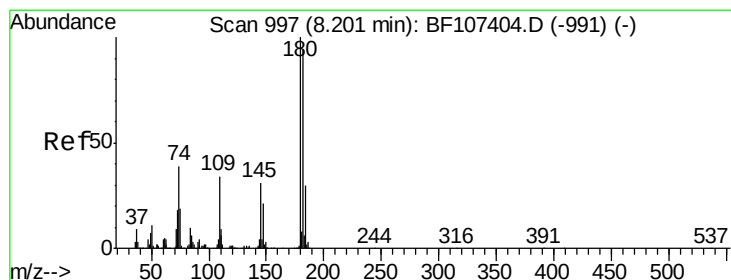
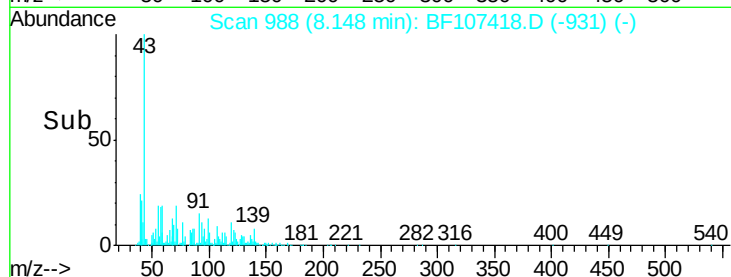
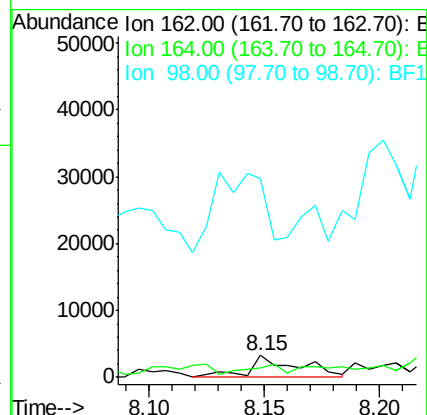
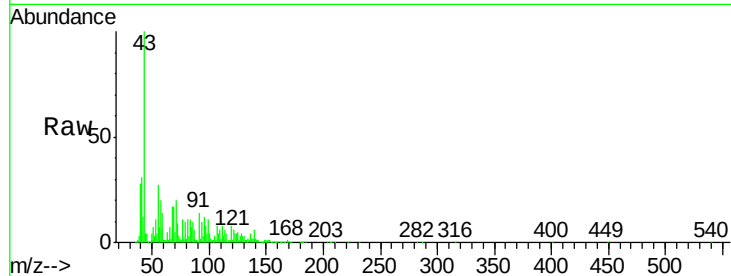




#29
2,4-Dichlorophenol
Concen: 0.526 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.04 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

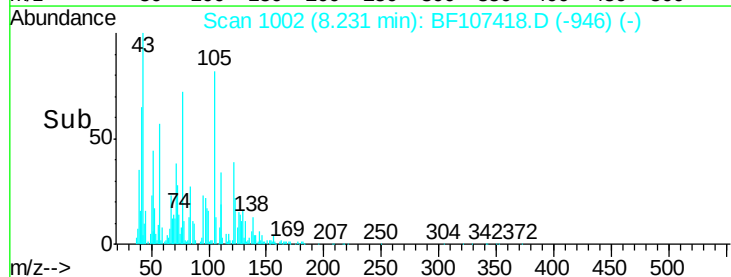
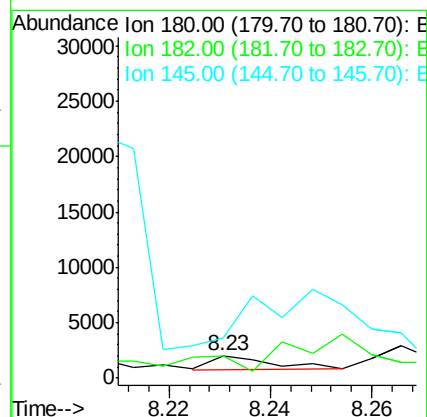
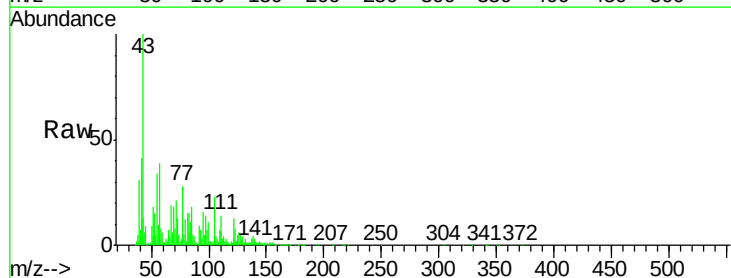
Instrument :
BNA_F
ClientSampleId :
DRUM-1

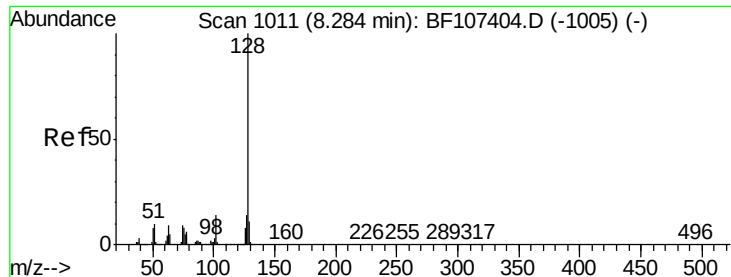
Tgt Ion:162 Resp: 4945
Ion Ratio Lower Upper
162 100
164 44.2 42.7 82.7
98 912.4 18.1 58.1#



#30
1,2,4-Trichlorobenzene
Concen: 0.099 ng
RT: 8.23 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:180 Resp: 1129
Ion Ratio Lower Upper
180 100
182 101.2 76.8 115.2
145 178.0 26.5 39.7#

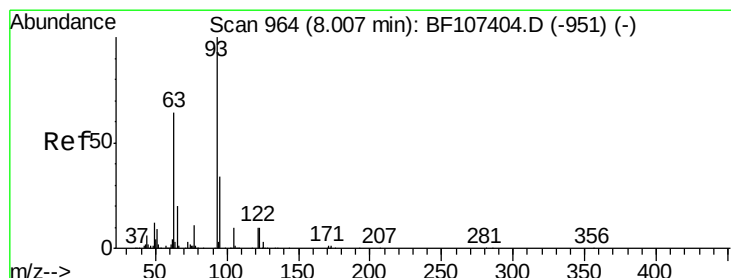
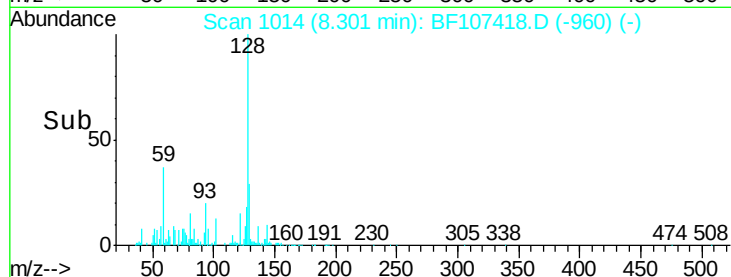
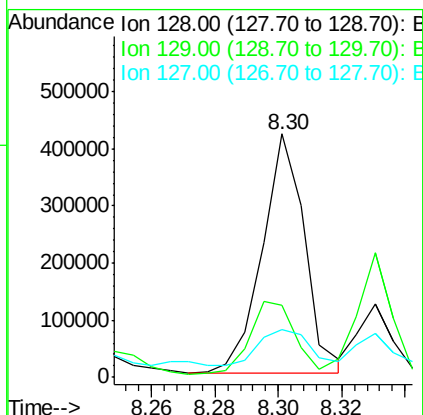
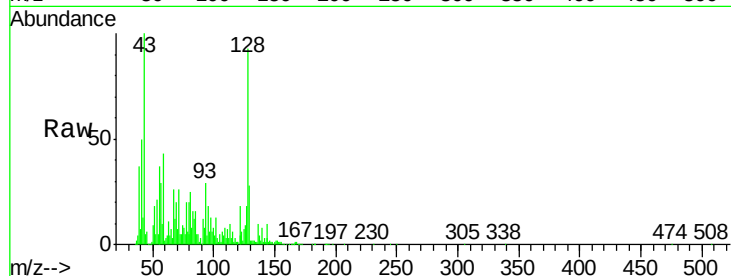




#31
Naphthalene
Concen: 13.201 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

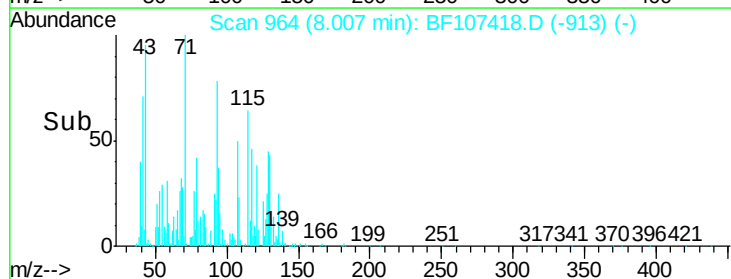
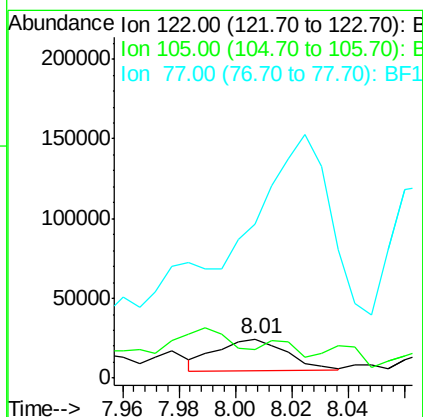
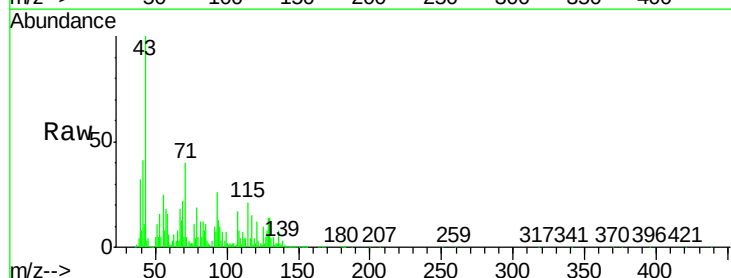
Instrument :
BNA_F
ClientSampleId :
DRUM-1

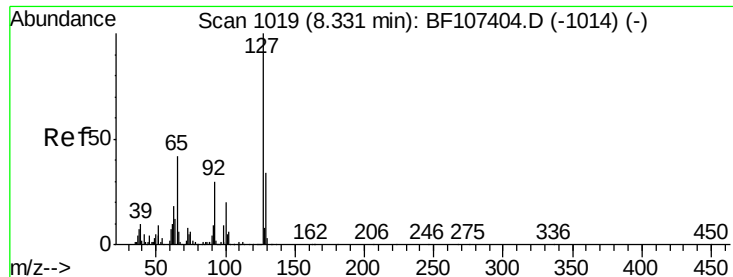
Tgt Ion:128 Resp: 387423
Ion Ratio Lower Upper
128 100
129 29.9 8.8 13.2#
127 19.7 10.9 16.3#



#32
Benzoic acid
Concen: 6.154 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:122 Resp: 34092
Ion Ratio Lower Upper
122 100
105 73.3 101.1 141.1#
77 394.9 70.7 110.7#

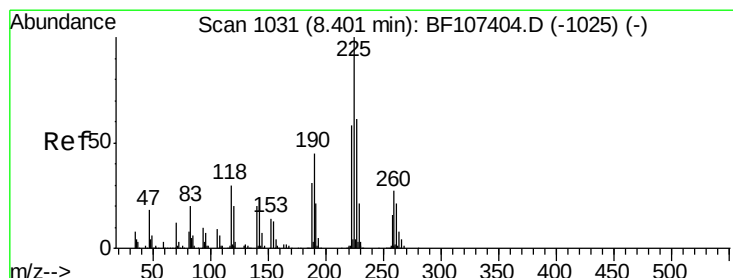
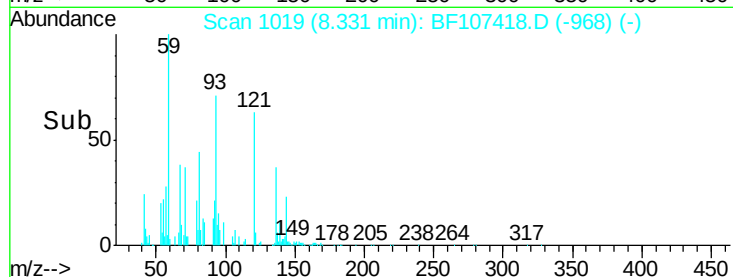
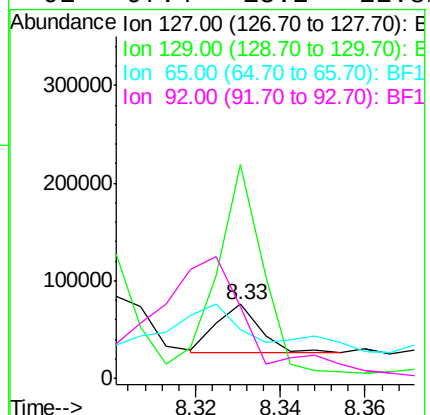
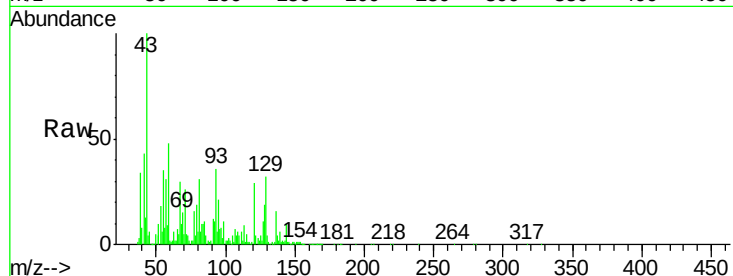




#33
4-Chloroaniline
Concen: 2.725 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

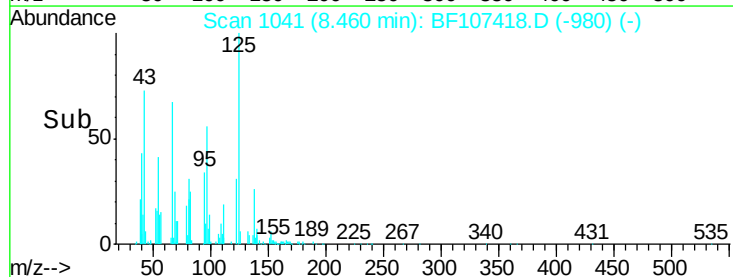
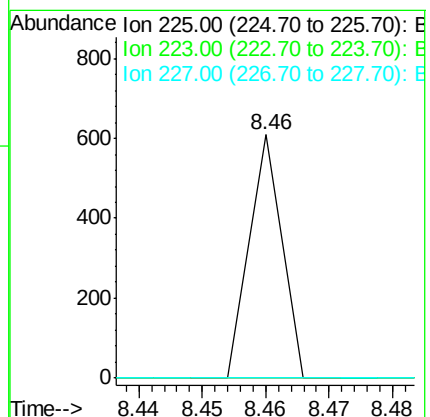
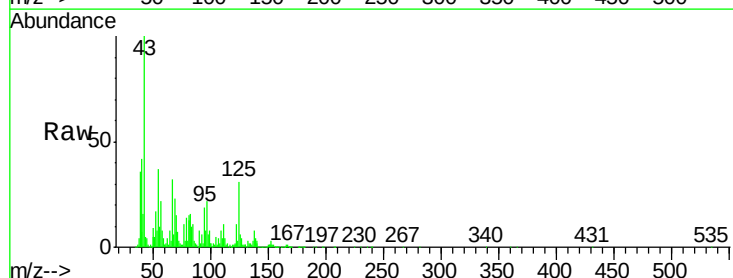
Instrument :
BNA_F
ClientSampleId :
DRUM-1

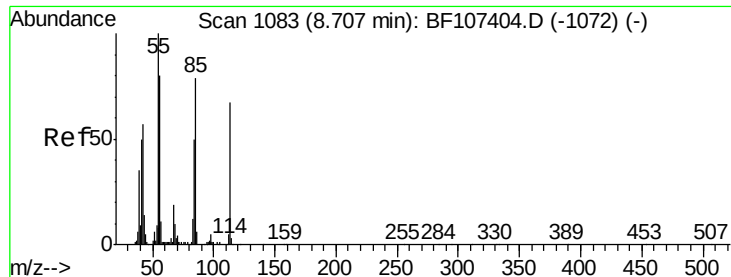
Tgt Ion:127 Resp: 34640
Ion Ratio Lower Upper
127 100
129 288.4 25.9 38.9#
65 66.1 25.0 37.4#
92 97.4 15.2 22.8#



#34
Hexachlorobutadiene
Concen: 0.028 ng
RT: 8.46 min Scan# 1041
Delta R.T. 0.06 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:225 Resp: 215
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 0.0 51.9 77.9#

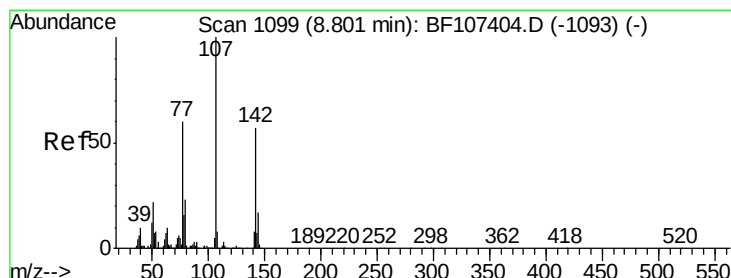
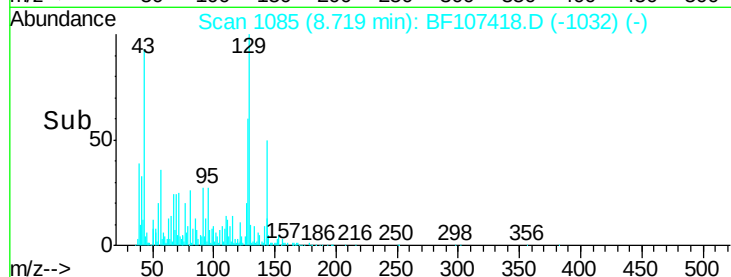
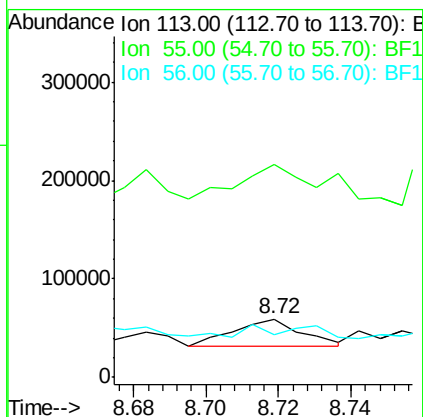
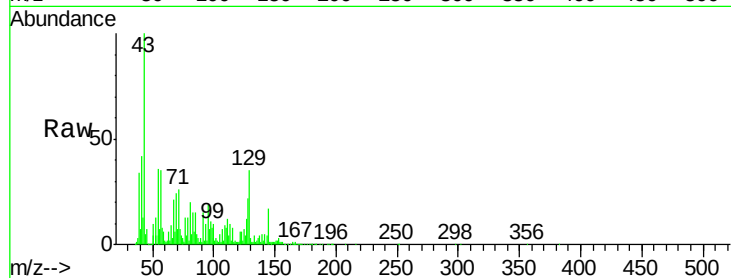




#35
 Caprolactam
 Concen: 12.005 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

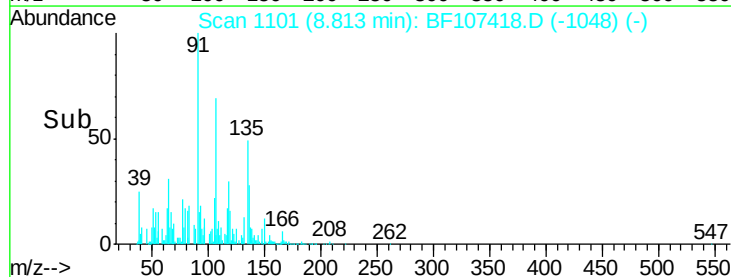
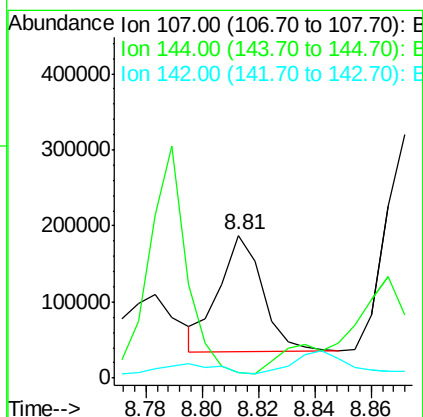
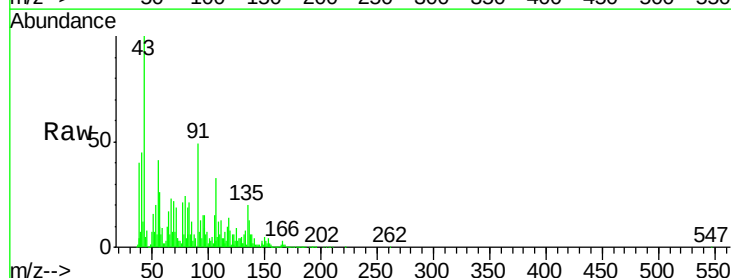
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

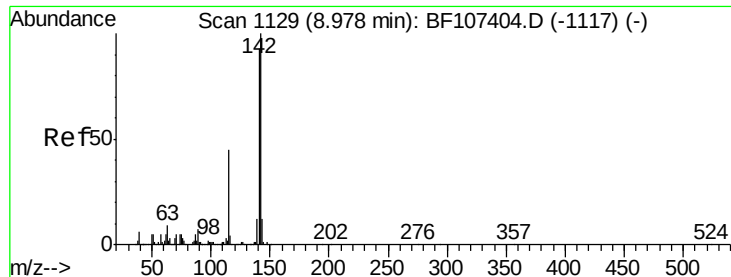
Tgt Ion:113 Resp: 36681
 Ion Ratio Lower Upper
 113 100
 55 363.3 163.3 203.3#
 56 72.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 13.452 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion:107 Resp: 165091
 Ion Ratio Lower Upper
 107 100
 144 4.1 20.5 30.7#
 142 3.8 62.0 93.0#

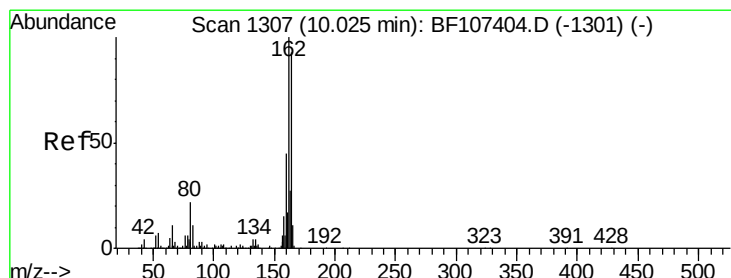
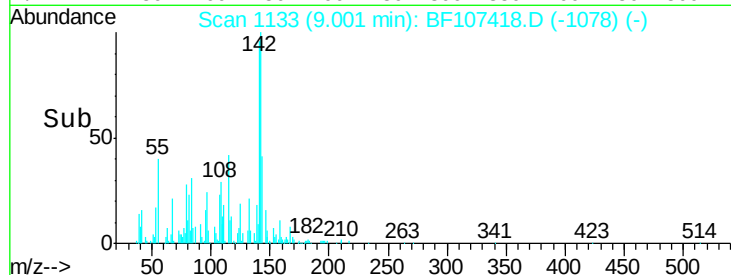
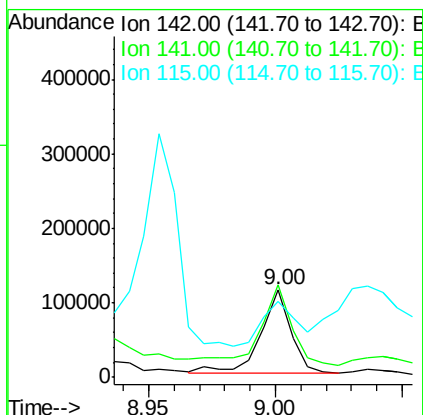
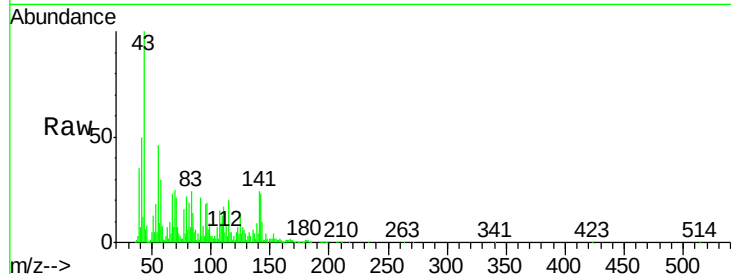




#37
 2-Methylnaphthalene
 Concen: 4.933 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. 0.02 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

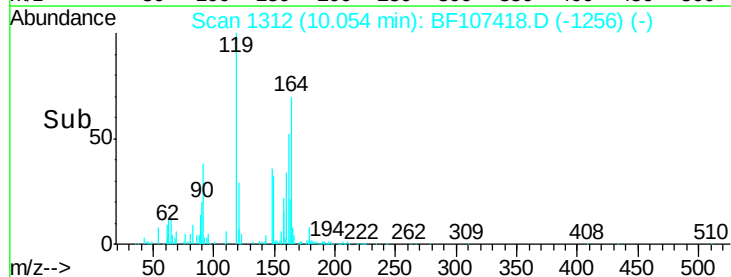
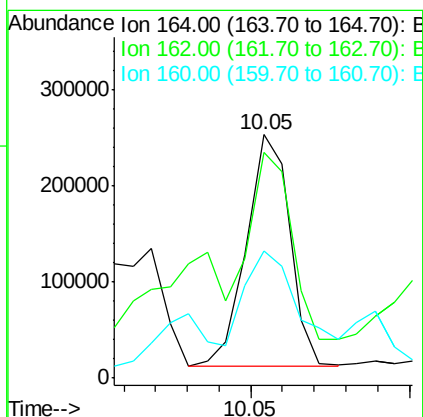
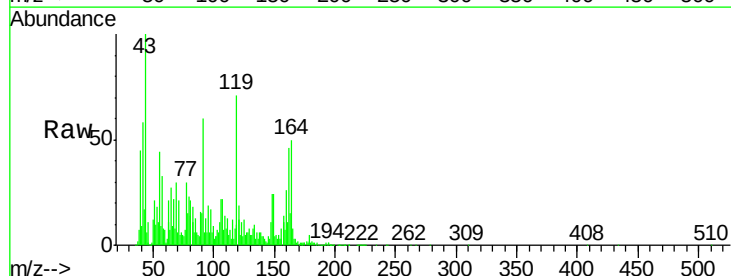
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

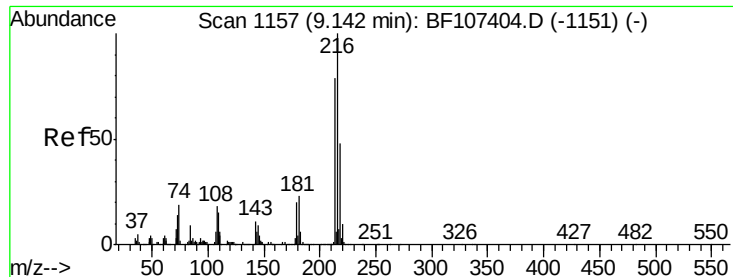
Tgt Ion:142 Resp: 95422
 Ion Ratio Lower Upper
 142 100
 141 105.1 70.8 106.2
 115 86.7 26.1 39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1312
 Delta R.T. 0.03 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion:164 Resp: 228613
 Ion Ratio Lower Upper
 164 100
 162 92.5 86.1 129.1
 160 52.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.029 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

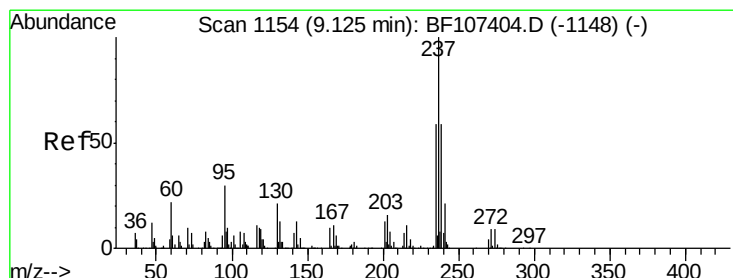
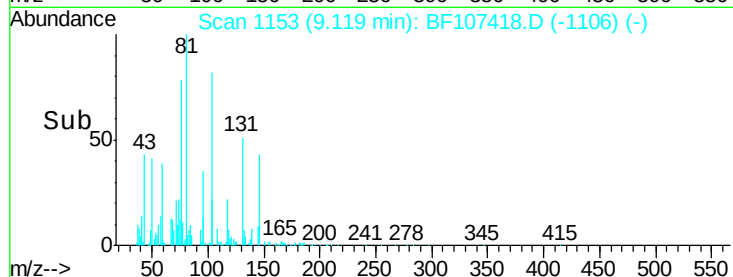
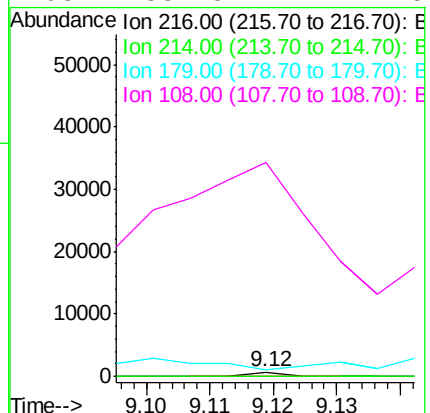
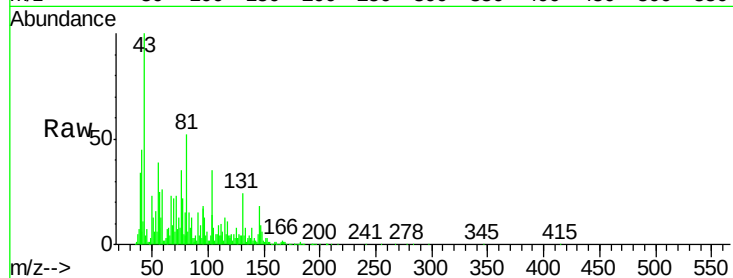
Instrument :

BNA_F

ClientSampleId :

DRUM-1

Tgt Ion:	216	Resp:	256
Ion Ratio	Lower	Upper	
216	100		
214	0.0	63.0	94.4#
179	253.5	18.1	27.1#
108	17837.5	17.2	25.8#



#40

Hexachlorocyclopentadiene

Concen: 0.035 ng

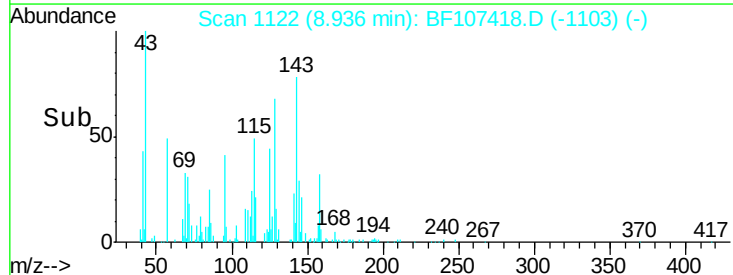
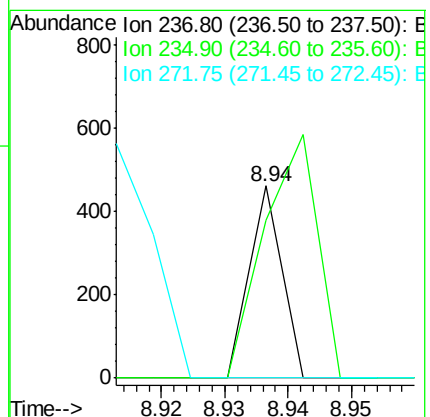
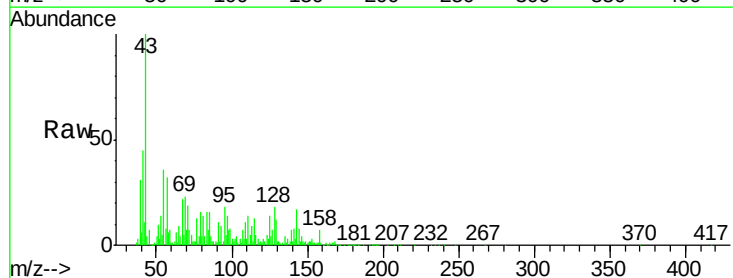
RT: 8.94 min Scan# 1122

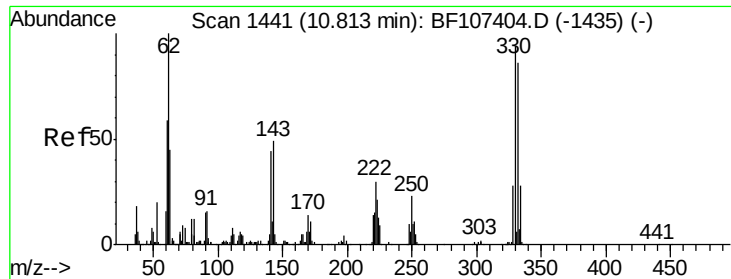
Delta R.T. -0.19 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Tgt Ion:	237	Resp:	163
Ion Ratio	Lower	Upper	
237	100		
235	82.0	44.8	84.8
272	0.0	0.0	33.3

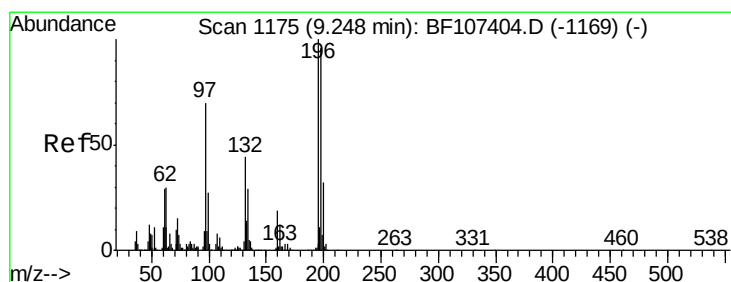
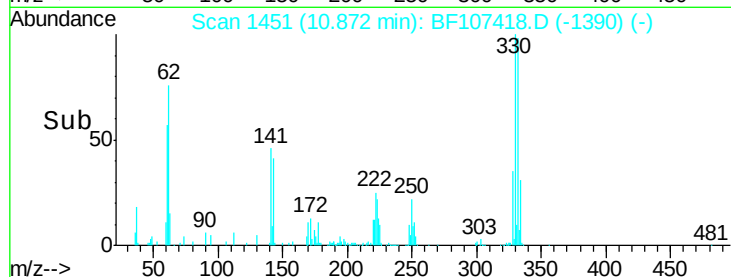
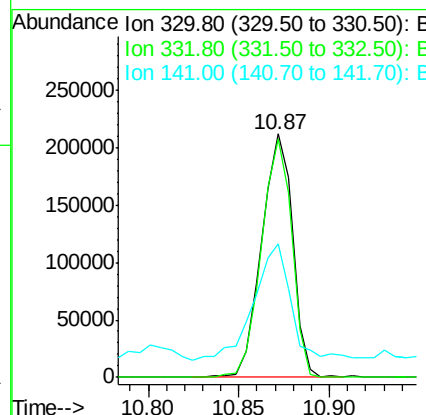
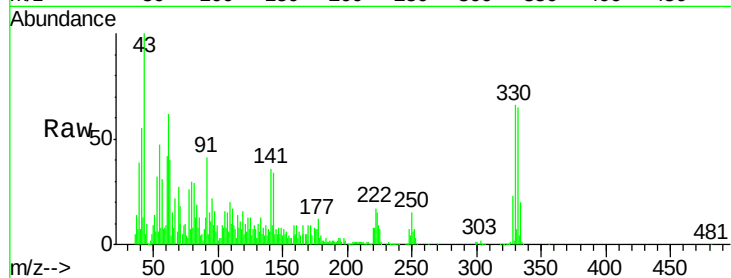




#41
 2,4,6-Tribromophenol
 Concen: 125.302 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.06 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

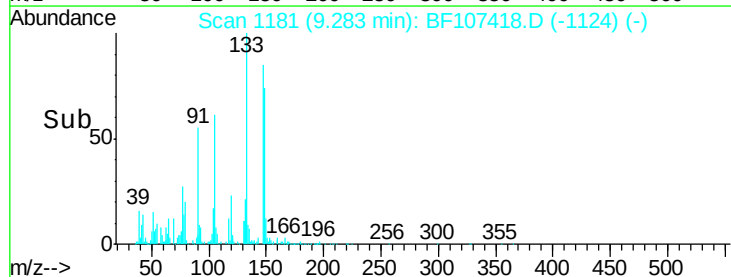
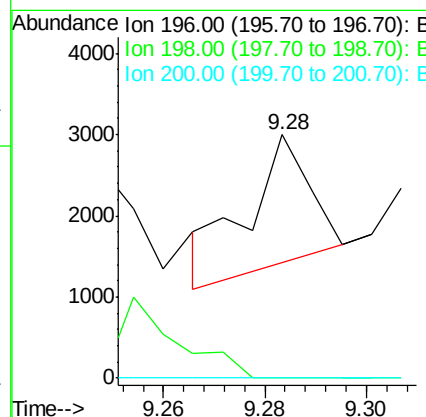
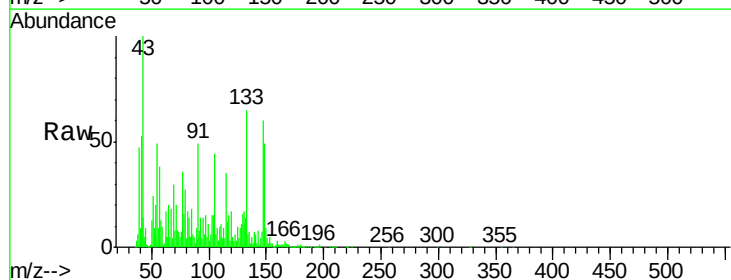
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

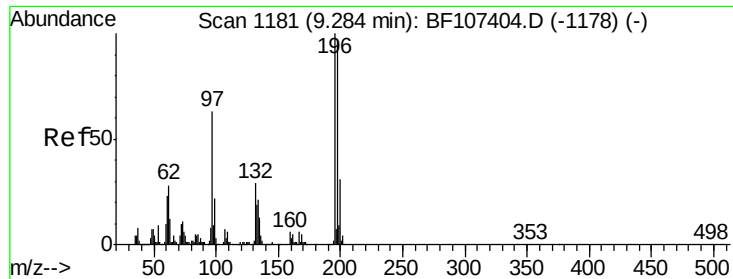
Tgt Ion:330 Resp: 251686
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 57.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 0.247 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.04 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion:196 Resp: 1369
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 24.5 36.7#

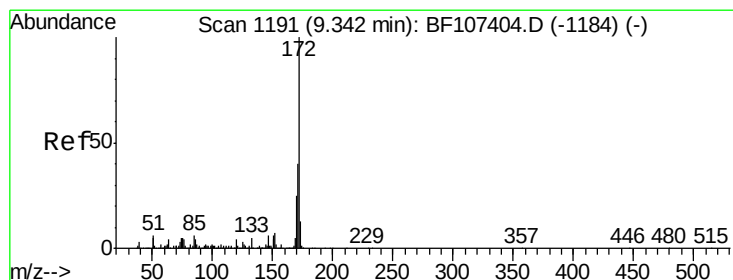
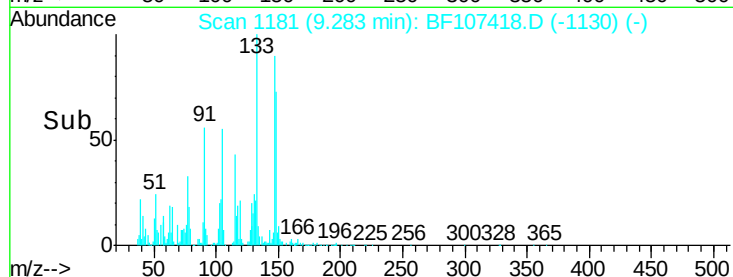
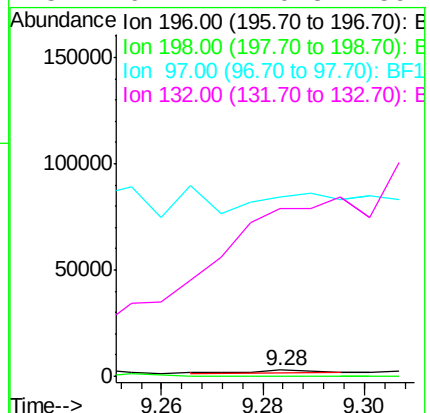
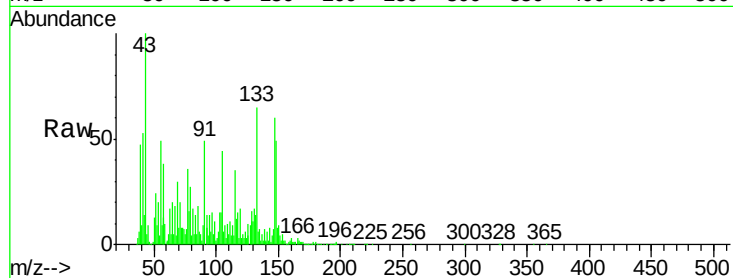




#43
2,4,5-Trichlorophenol
Concen: 0.258 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

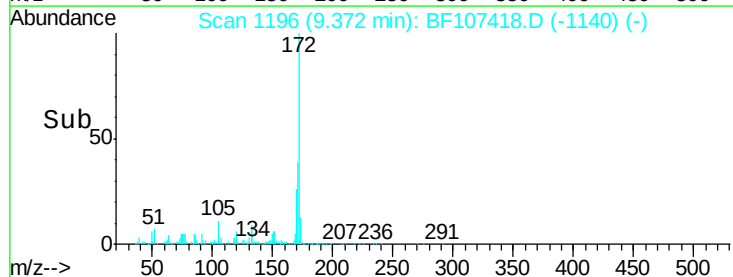
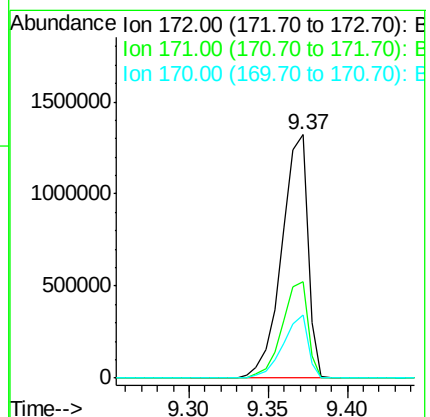
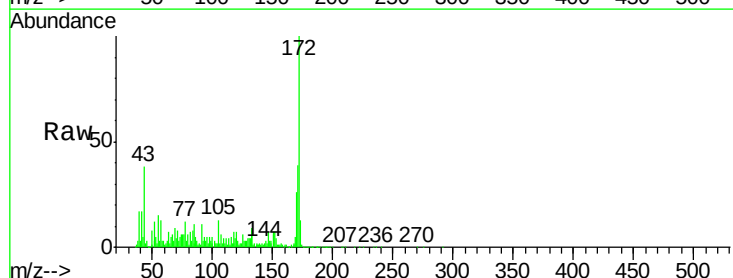
Instrument :
BNA_F
ClientSampleId :
DRUM-1

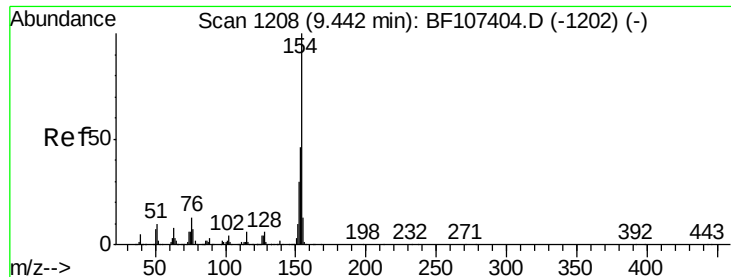
Tgt Ion:196 Resp: 1369
Ion Ratio Lower Upper
196 100
198 0.0 74.6 112.0#
97 2807.7 42.9 64.3#
132 2622.7 26.3 39.5#



#44
2-Fluorobiphenyl
Concen: 114.330 ng
RT: 9.37 min Scan# 1196
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:172 Resp: 1516323
Ion Ratio Lower Upper
172 100
171 39.4 29.7 44.5
170 26.1 19.6 29.4





#45

1,1'-Biphenyl

Concen: 1.603 ng

RT: 9.47 min Scan# 1213

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

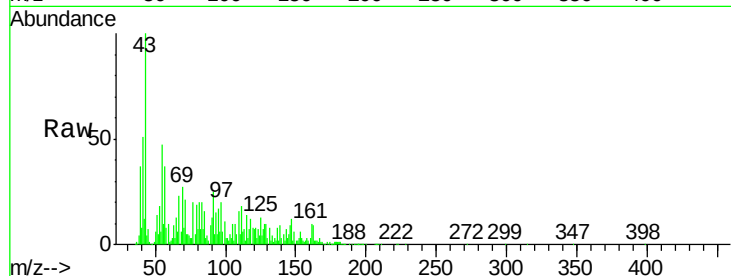
Tgt Ion:154 Resp: 31680

Ion Ratio Lower Upper

154 100

153 178.3 21.3 61.3#

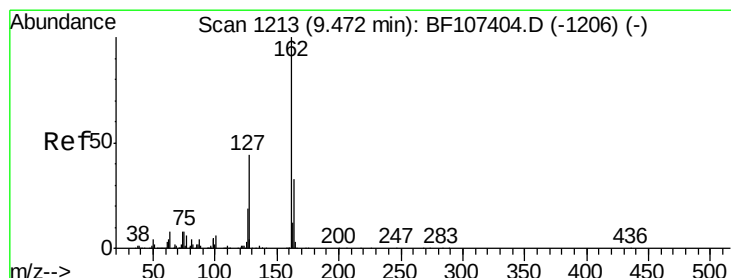
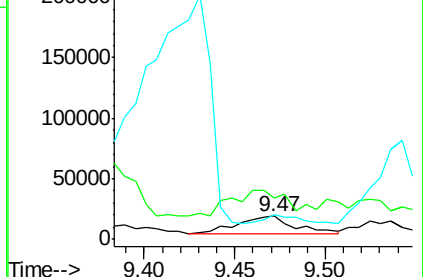
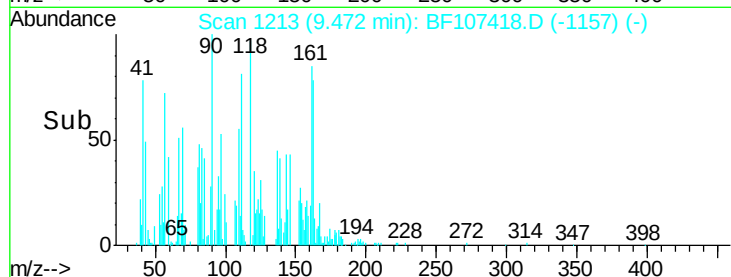
76 106.4 0.0 34.0#



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: 6.418 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

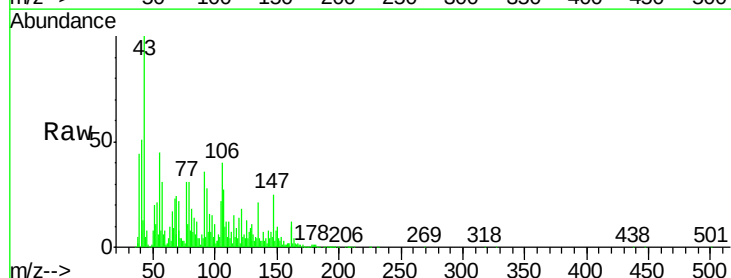
Tgt Ion:162 Resp: 100192

Ion Ratio Lower Upper

162 100

127 61.0 33.9 50.9#

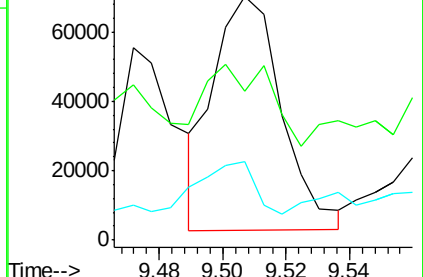
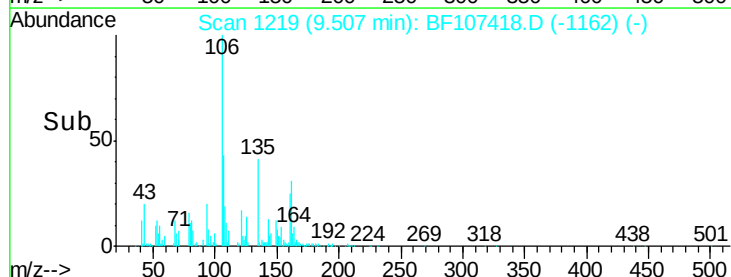
164 32.2 26.5 39.7

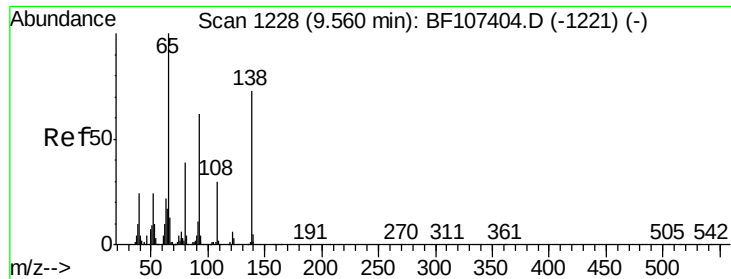


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 16.885 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

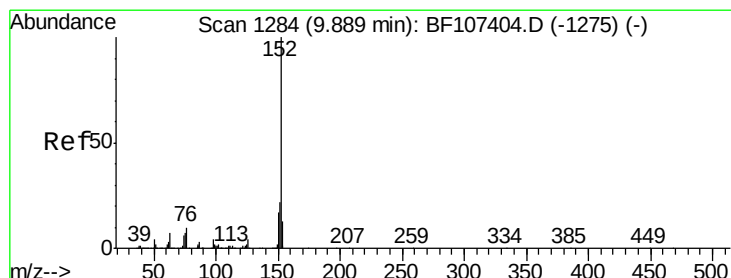
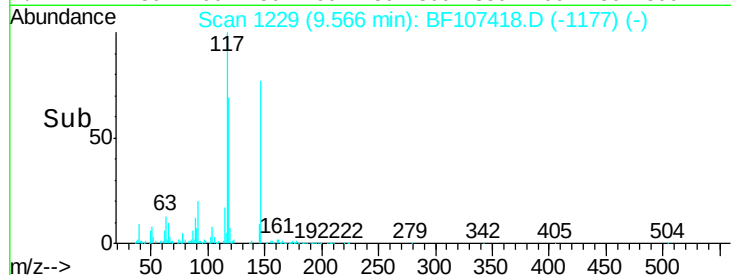
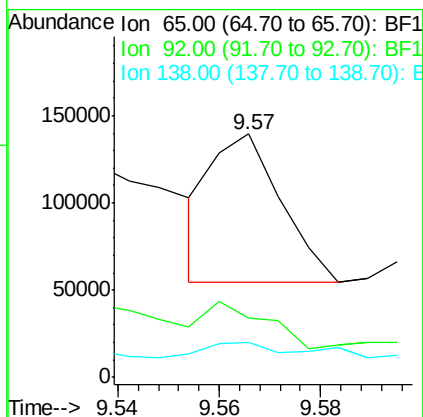
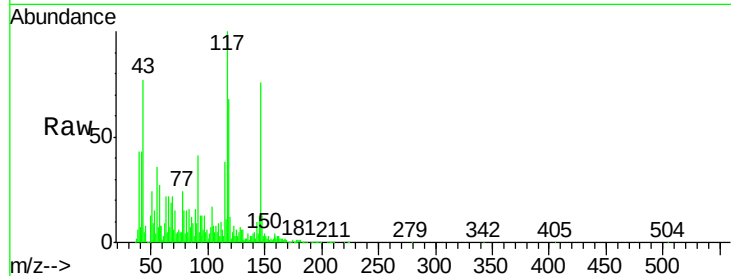
Tgt Ion: 65 Resp: 80668

Ion Ratio Lower Upper

65 100

92 24.3 55.8 83.6#

138 14.3 91.2 136.8#



#48

Acenaphthylene

Concen: 0.795 ng

RT: 9.92 min Scan# 1289

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

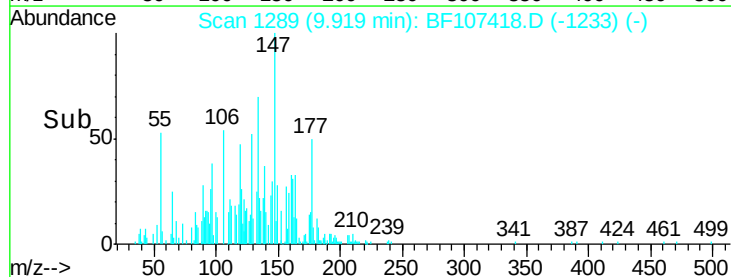
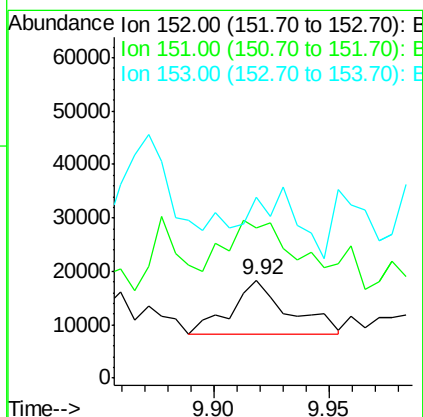
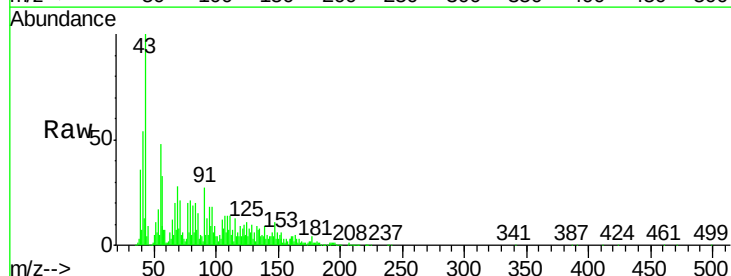
Tgt Ion: 152 Resp: 17315

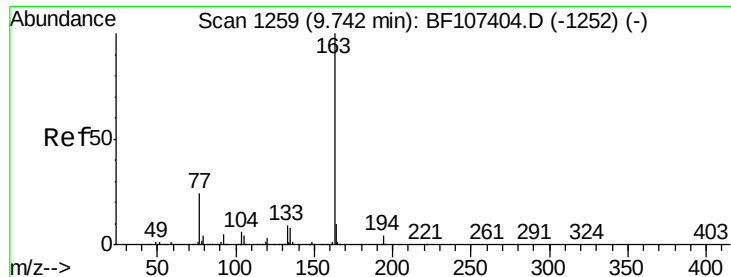
Ion Ratio Lower Upper

152 100

151 152.9 16.3 24.5#

153 183.8 10.7 16.1#





#49

Dimethylphthalate

Concen: 0.815 ng

RT: 9.75 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

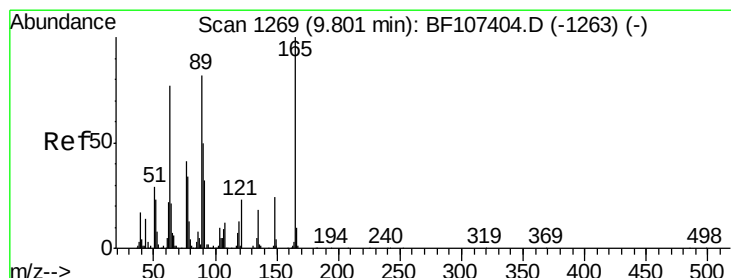
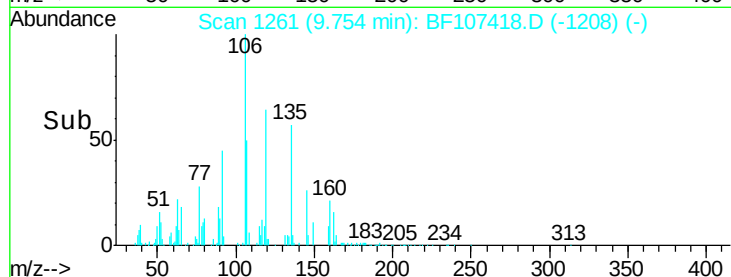
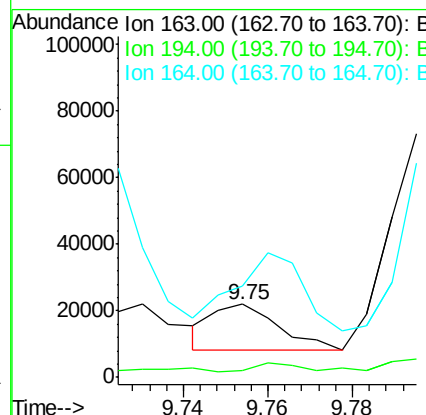
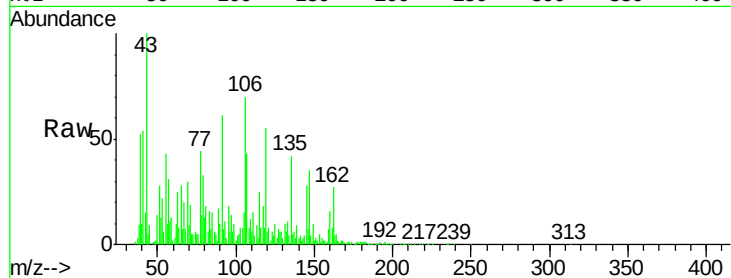
Tgt Ion:163 Resp: 14799

Ion Ratio Lower Upper

163 100

194 9.4 2.7 4.1#

164 124.7 8.2 12.2#



#50

2,6-Dinitrotoluene

Concen: 2.587 ng

RT: 9.85 min Scan# 1278

Delta R.T. 0.05 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

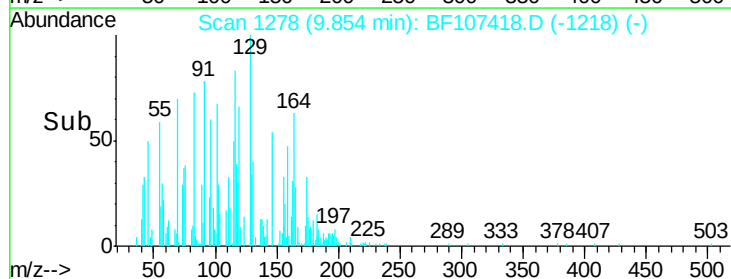
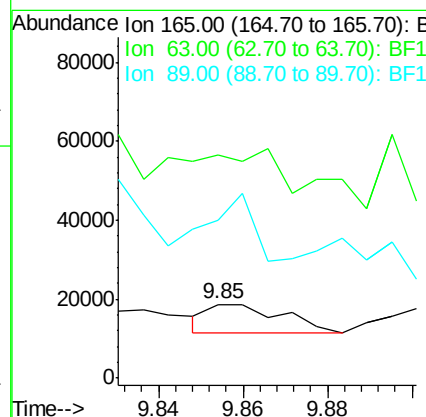
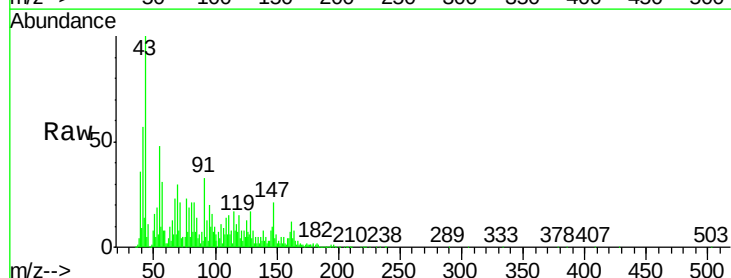
Tgt Ion:165 Resp: 8968

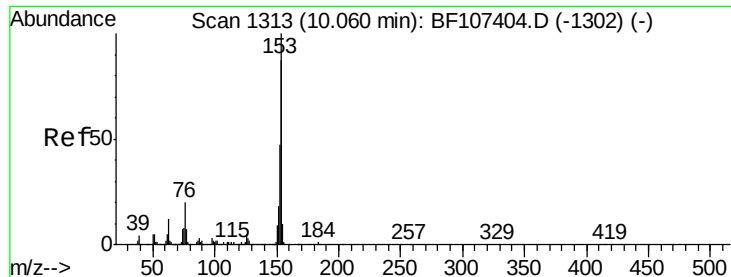
Ion Ratio Lower Upper

165 100

63 301.4 44.7 67.1#

89 213.0 44.0 66.0#





#51

Acenaphthene

Concen: 0.412 ng

RT: 10.09 min Scan# 1318

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

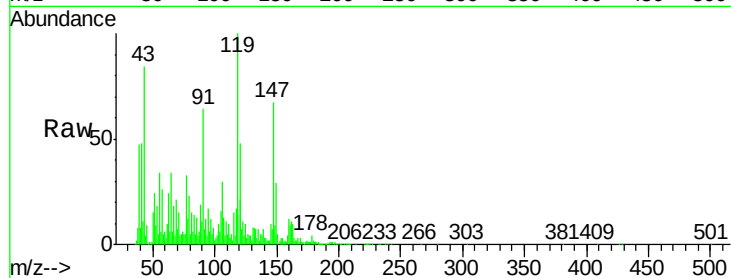
Tgt Ion:154 Resp: 5945

Ion Ratio Lower Upper

154 100

153 108.5 91.2 136.8

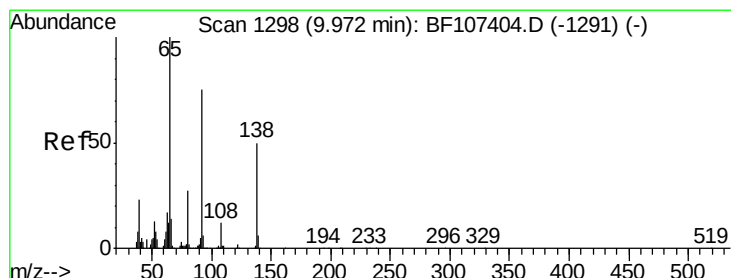
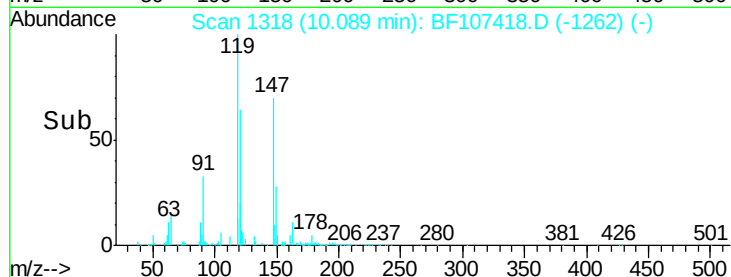
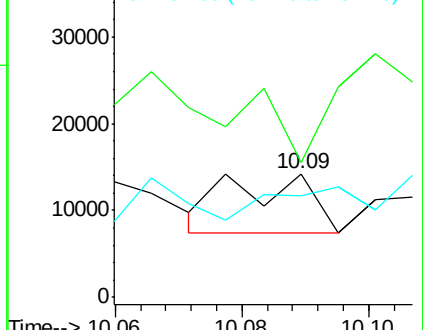
152 82.3 43.8 65.8#



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: 1.874 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

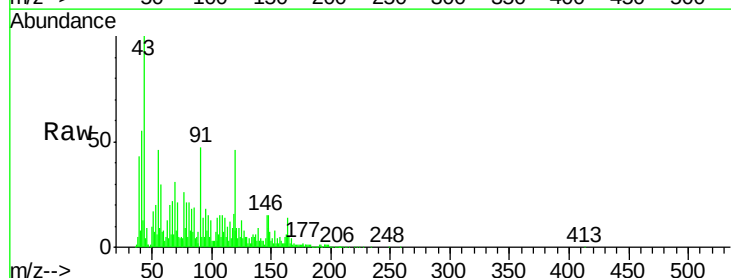
Tgt Ion:138 Resp: 6821

Ion Ratio Lower Upper

138 100

108 149.4 9.4 14.0#

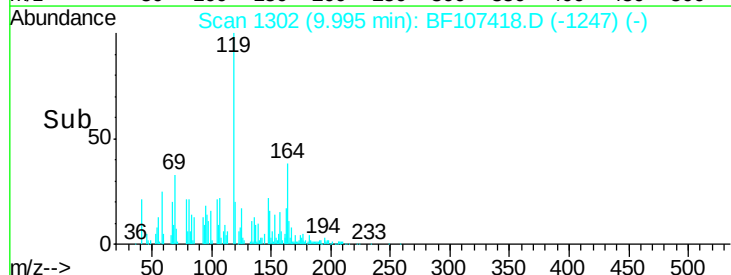
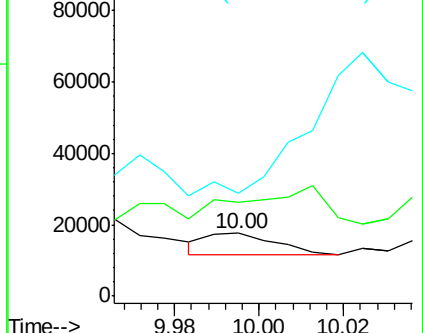
92 165.2 89.4 134.2#

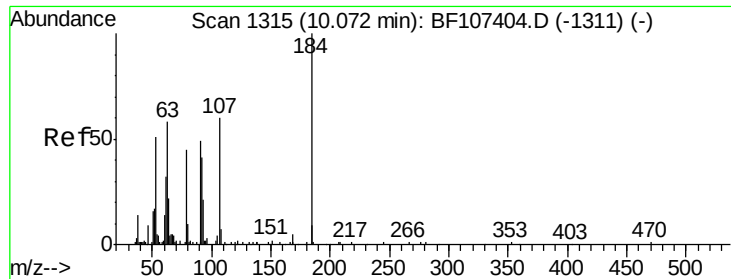


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

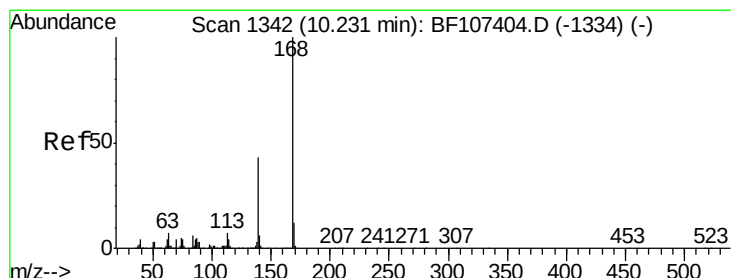
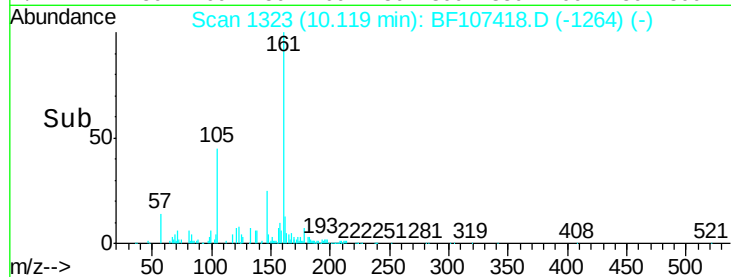
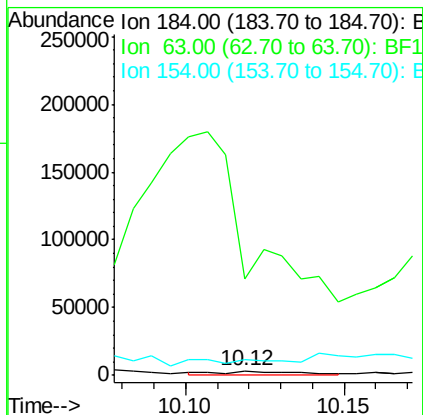
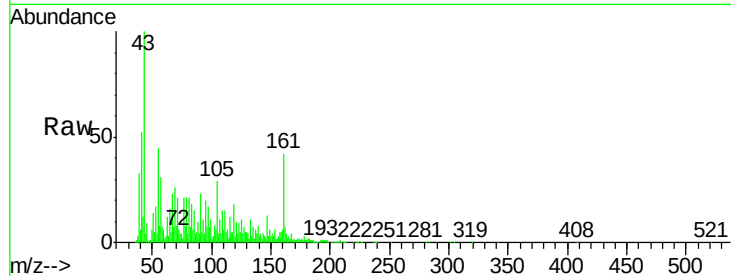




#53
2,4-Dinitrophenol
Concen: 7.038 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.05 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

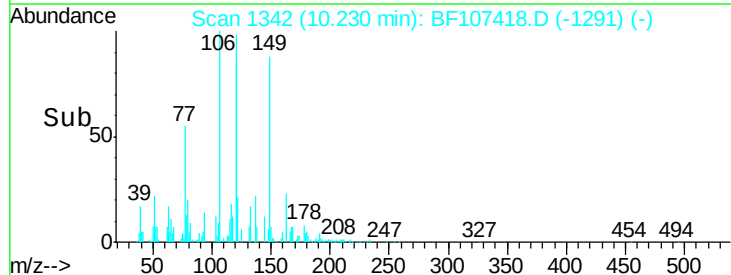
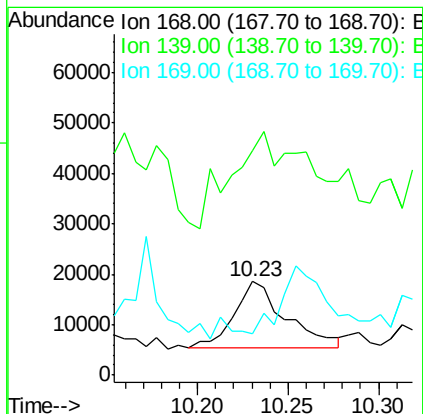
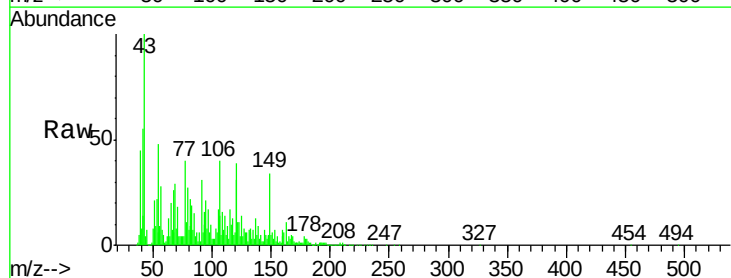
Instrument :
BNA_F
ClientSampleId :
DRUM-1

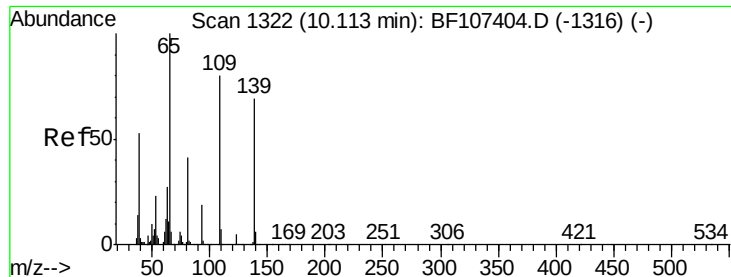
Tgt Ion:184 Resp: 4189
Ion Ratio Lower Upper
184 100
63 1979.3 54.2 81.2#
154 322.2 184.0 276.0#



#54
Dibenzofuran
Concen: 1.181 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:168 Resp: 26368
Ion Ratio Lower Upper
168 100
139 239.2 30.1 45.1#
169 43.5 10.9 16.3#

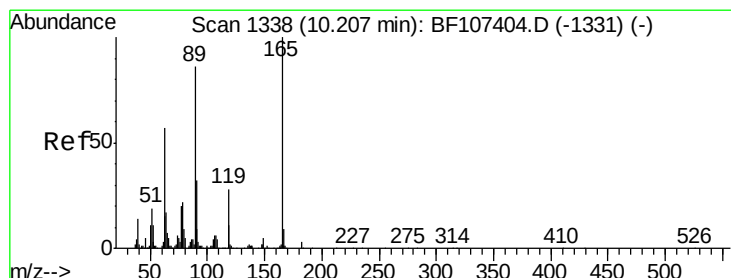
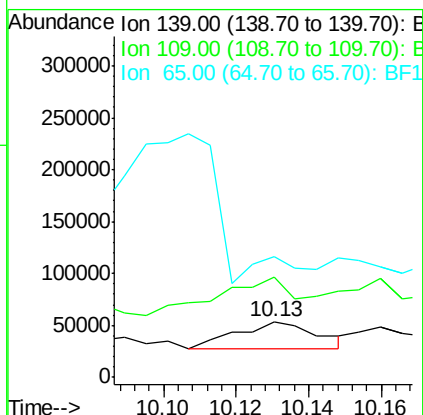
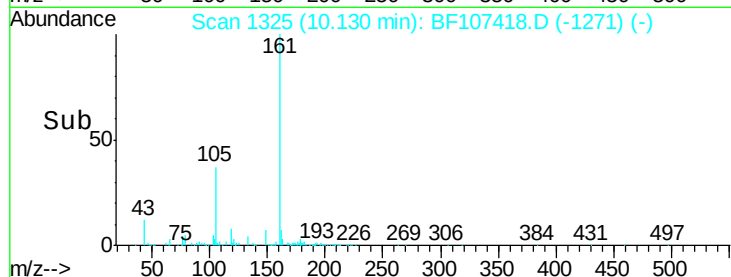
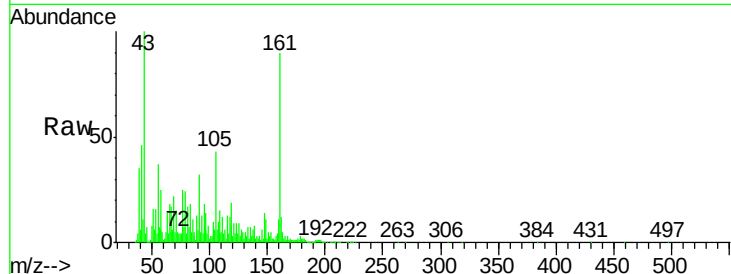




#55
4-Nitrophenol
Concen: 13.363 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

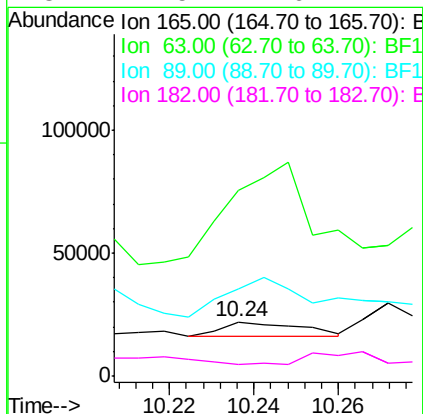
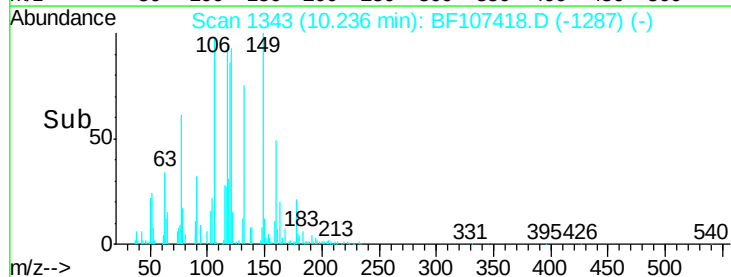
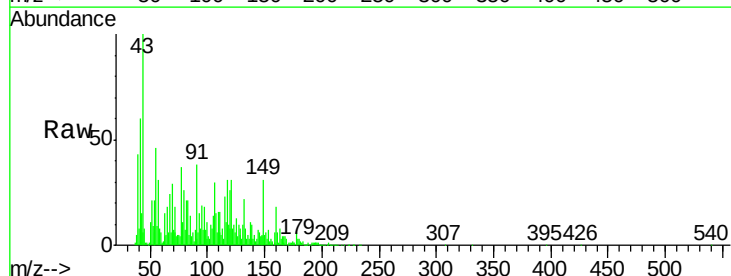
Instrument :
BNA_F
ClientSampleId :
DRUM-1

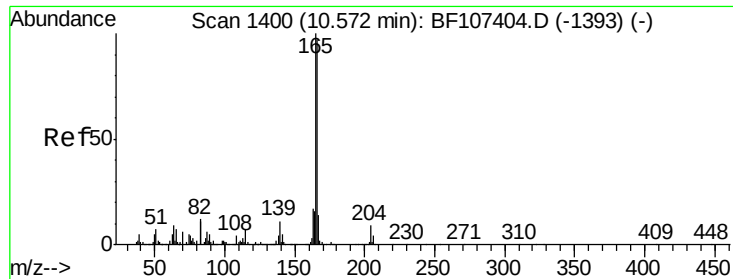
Tgt Ion:139 Resp: 39368
Ion Ratio Lower Upper
139 100
109 180.1 48.4 88.4#
65 217.6 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 1.598 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:165 Resp: 7219
Ion Ratio Lower Upper
165 100
63 344.1 36.4 54.6#
89 162.1 57.8 86.6#
182 22.5 1.6 2.4#





#57

Fluorene

Concen: 0.215 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

DRUM-1

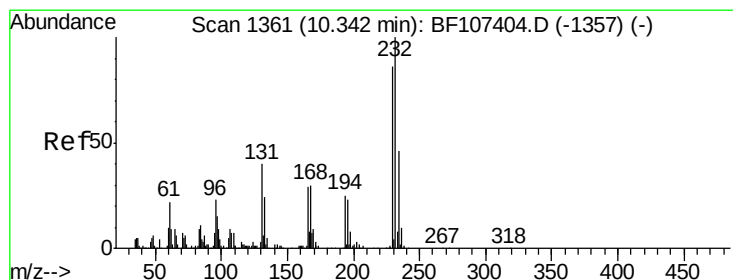
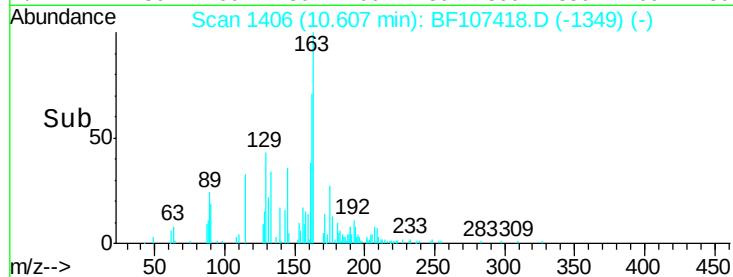
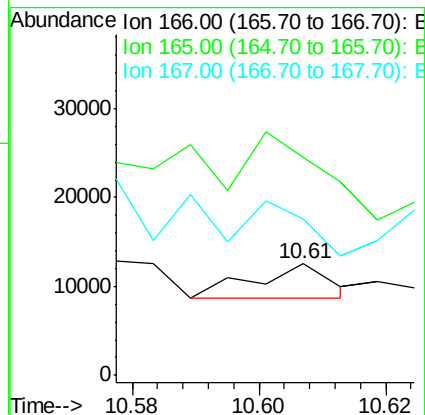
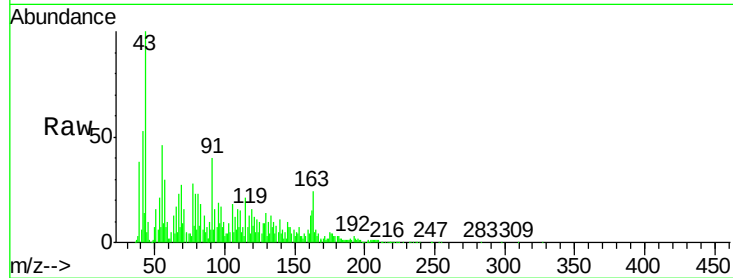
Tgt Ion:166 Resp: 3185

Ion Ratio Lower Upper

166 100

165 195.8 79.8 119.8#

167 140.4 10.6 16.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.044 ng

RT: 10.37 min Scan# 1365

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Tgt Ion:232 Resp: 228

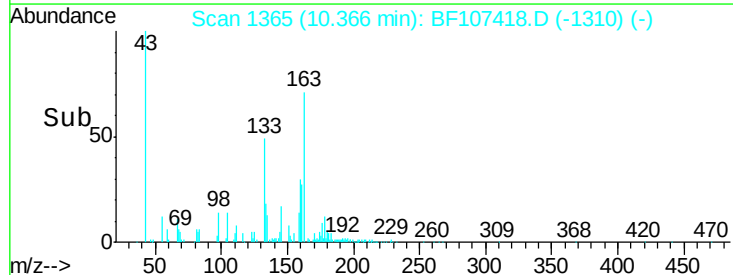
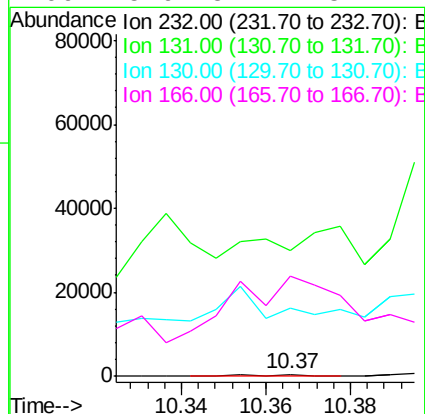
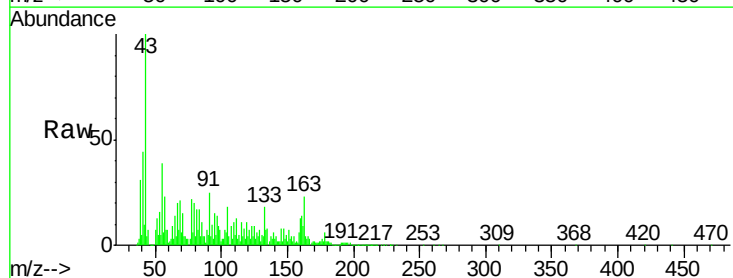
Ion Ratio Lower Upper

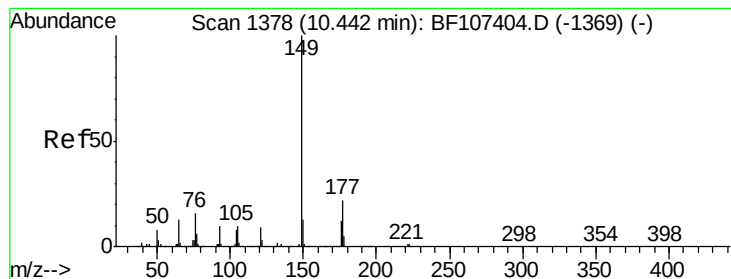
232 100

131 4990.4 43.8 65.8#

130 0.0 2.1 3.1#

166 15264.5 27.8 41.6#





#59

Diethylphthalate

Concen: 2.255 ng

RT: 10.49 min Scan# 1386

Delta R.T. 0.05 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

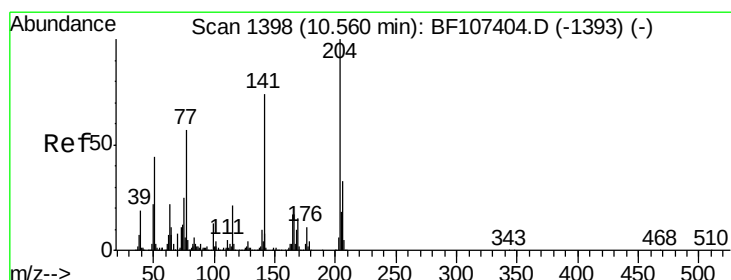
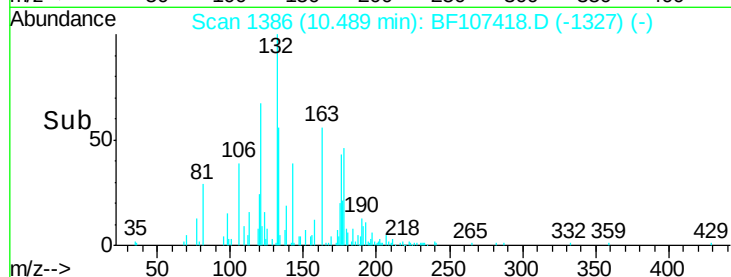
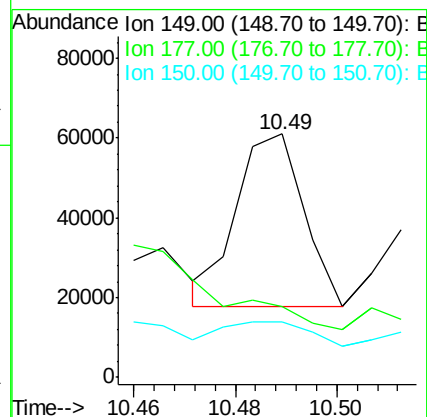
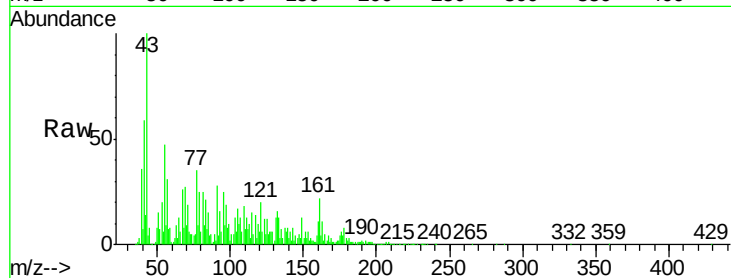
Tgt Ion:149 Resp: 39801

Ion Ratio Lower Upper

149 100

177 29.1 16.1 24.1#

150 22.9 10.1 15.1#



#60

4-Chlorophenyl-phenylether

Concen: 0.071 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.05 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

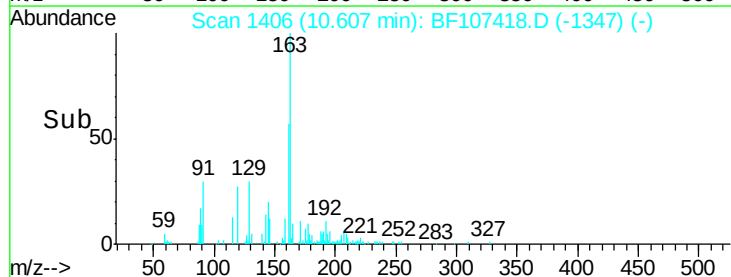
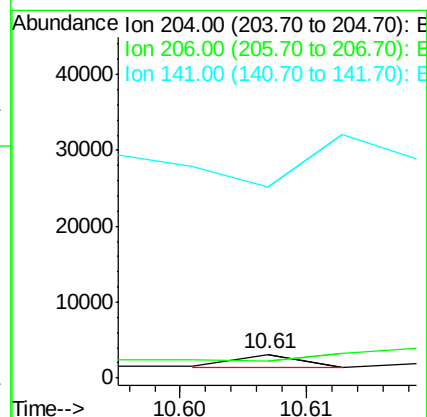
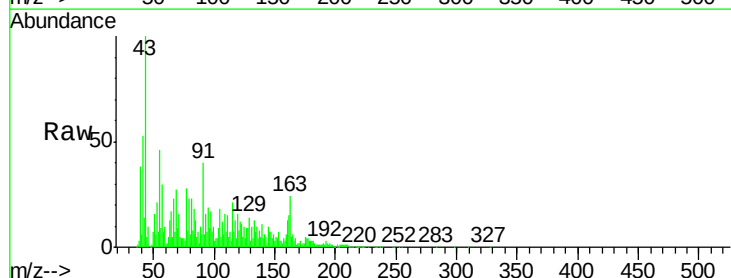
Tgt Ion:204 Resp: 623

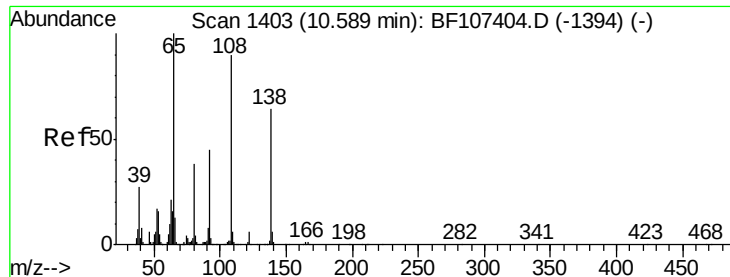
Ion Ratio Lower Upper

204 100

206 72.8 26.5 39.7#

141 805.1 54.6 81.8#

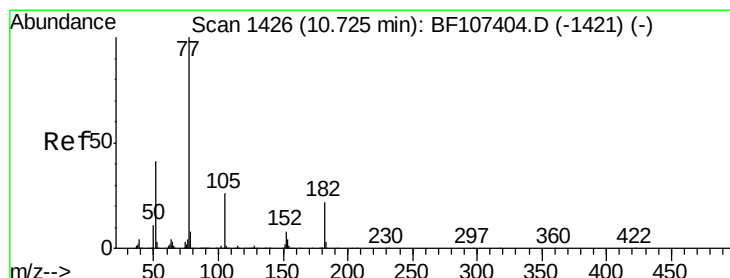
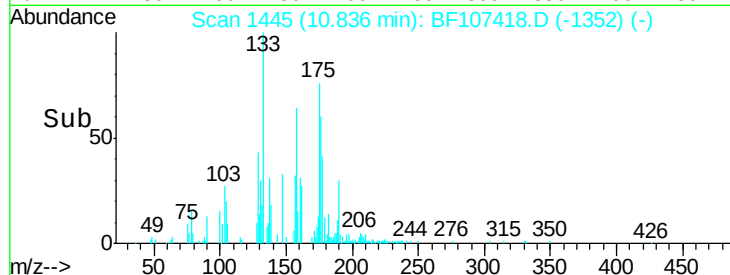
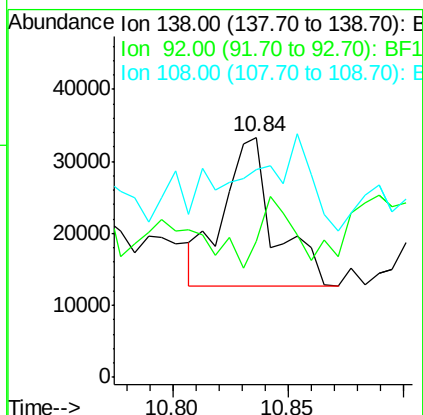
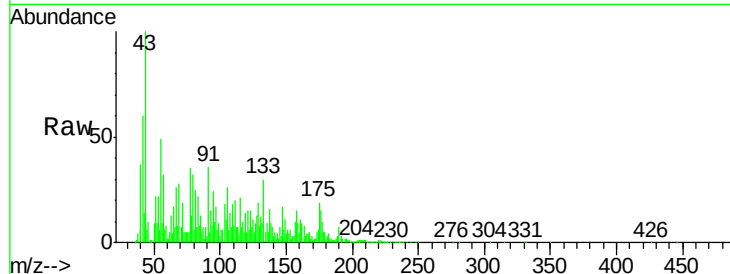




#61
4-Nitroaniline
Concen: 9.262 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.25 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

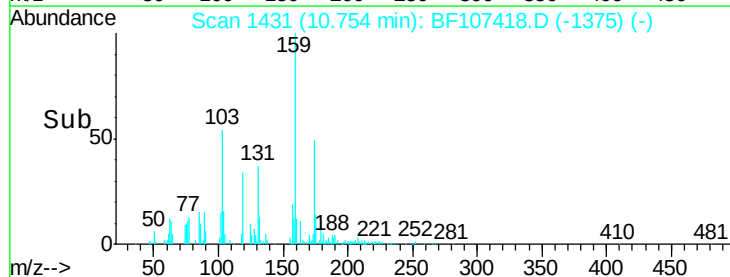
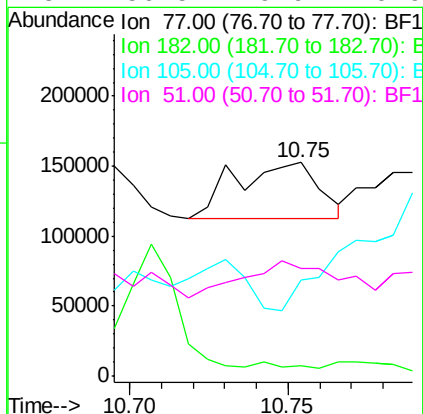
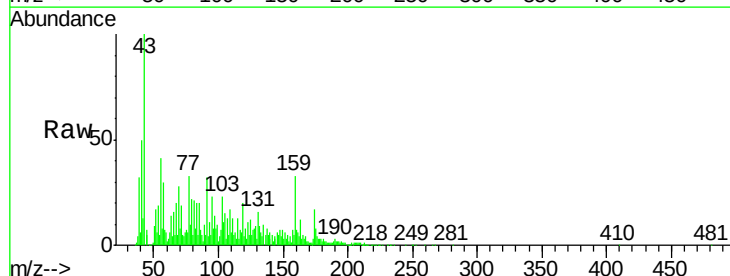
Instrument :
BNA_F
ClientSampleId :
DRUM-1

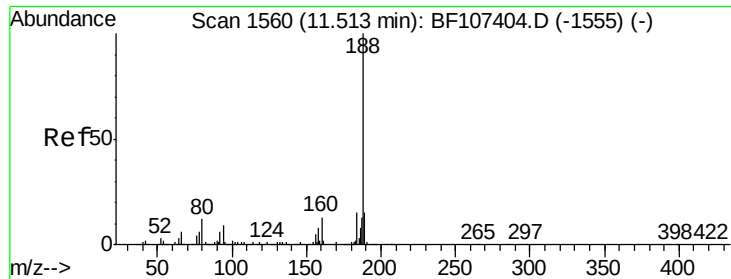
Tgt Ion: 138 Resp: 32090
Ion Ratio Lower Upper
138 100
92 56.8 30.2 70.2
108 86.5 52.5 92.5



#62
Azobenzene
Concen: 3.469 ng
RT: 10.75 min Scan# 1431
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion: 77 Resp: 71891
Ion Ratio Lower Upper
77 100
182 4.6 1.7 41.7
105 45.2 3.0 43.0#
51 50.5 9.9 49.9#

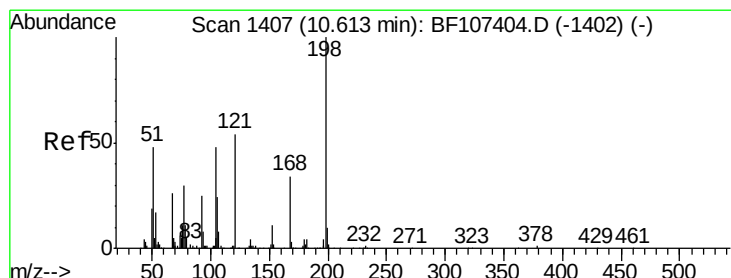
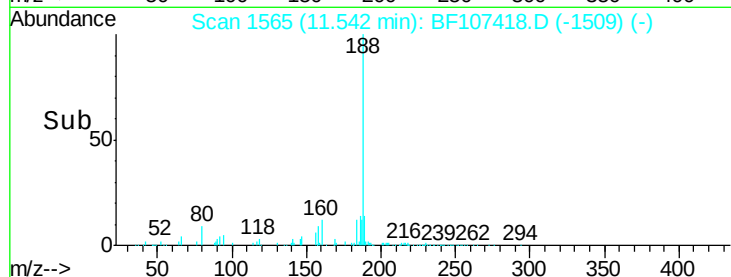
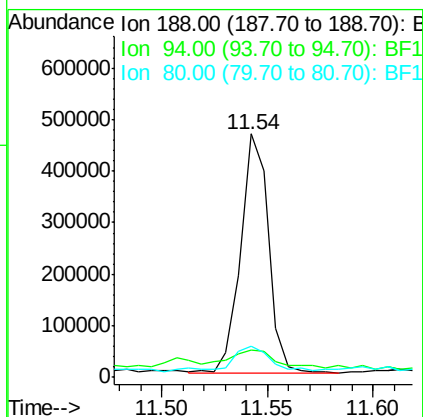
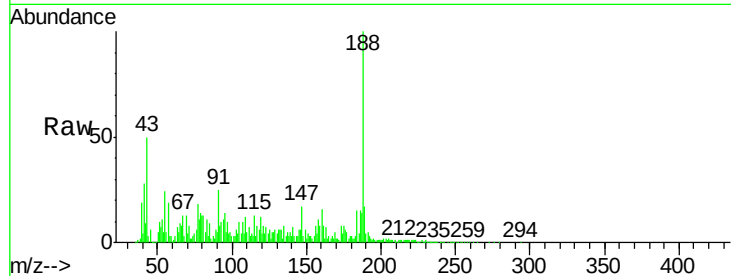




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

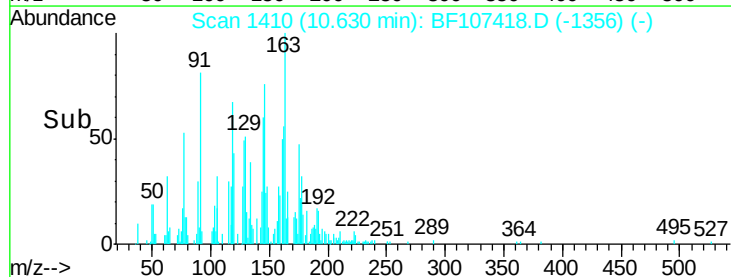
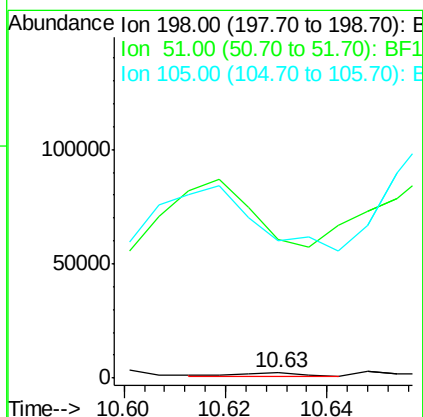
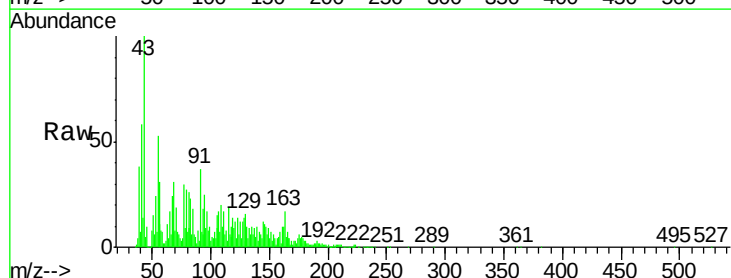
Instrument :
BNA_F
ClientSampleId :
DRUM-1

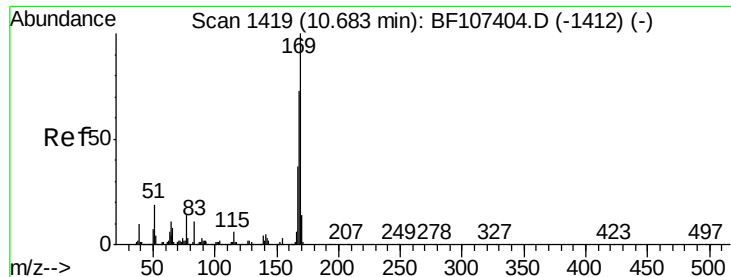
Tgt Ion:188 Resp: 420293
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.028 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:198 Resp: 1439
Ion Ratio Lower Upper
198 100
51 2789.4 37.7 77.7#
105 2739.9 36.3 76.3#

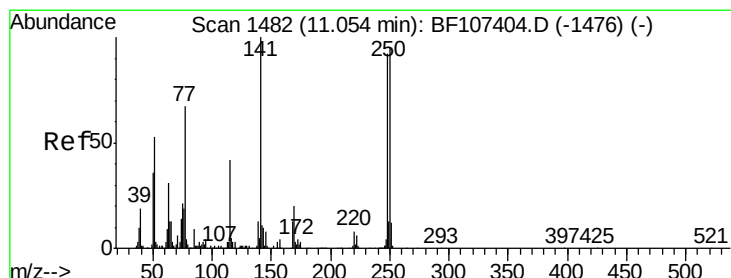
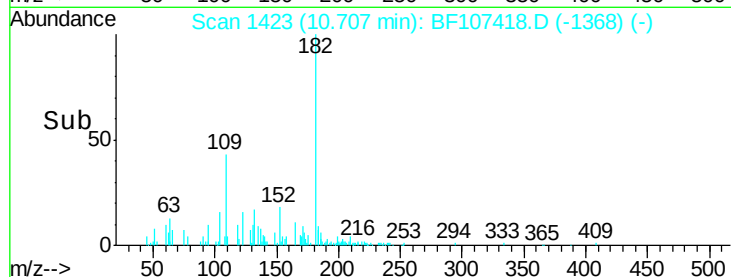
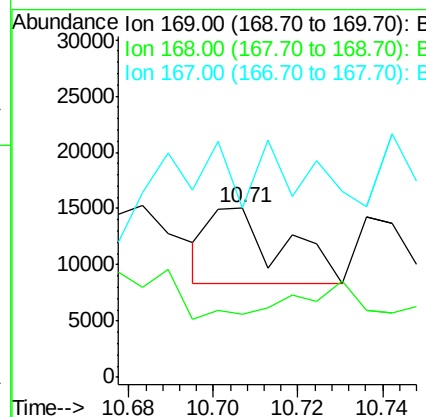
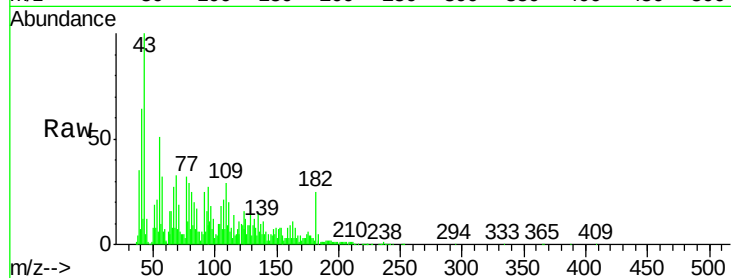




#65
 n-Nitrosodiphenylamine
 Concen: 0.605 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. 0.02 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

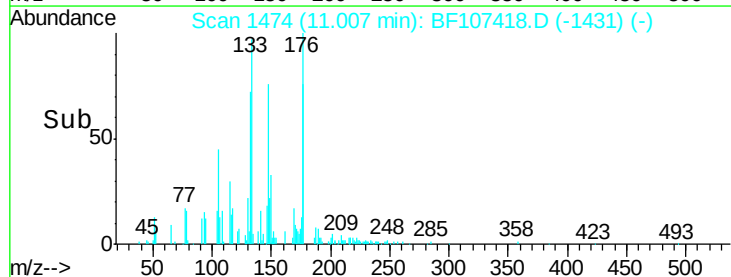
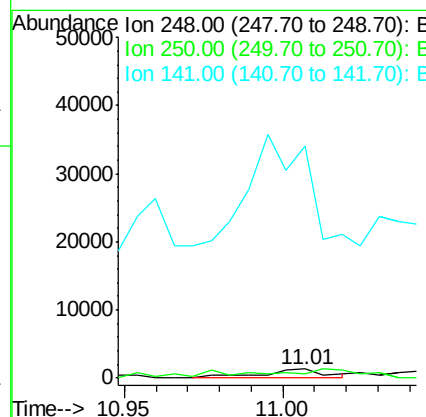
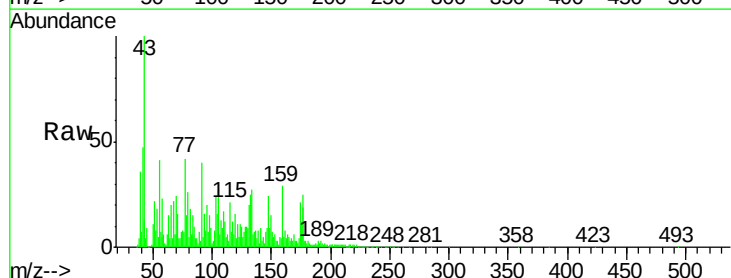
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

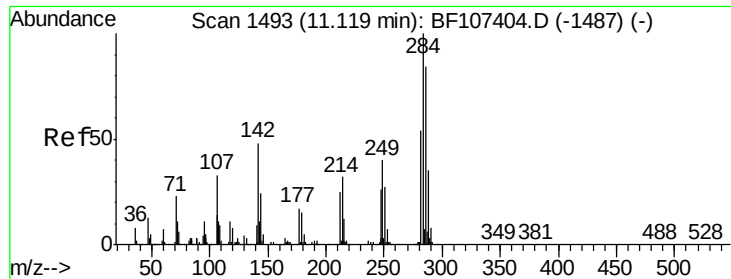
Tgt Ion:169 Resp: 8025
 Ion Ratio Lower Upper
 169 100
 168 37.4 54.4 81.6#
 167 99.4 29.8 44.6#



#66
 4-Bromophenyl-phenylether
 Concen: 0.390 ng
 RT: 11.01 min Scan# 1474
 Delta R.T. -0.05 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion:248 Resp: 1875
 Ion Ratio Lower Upper
 248 100
 250 48.9 76.9 115.3#
 141 2558.0 74.4 111.6#





#67

Hexachlorobenzene

Concen: 0.034 ng

RT: 11.12 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

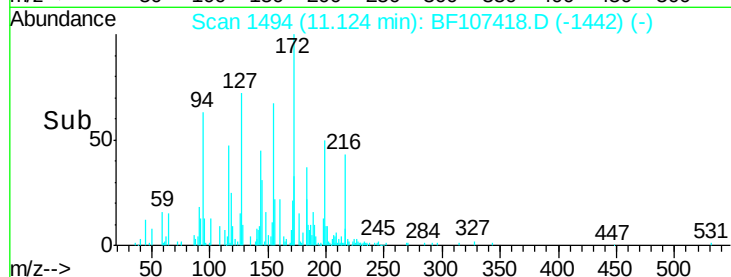
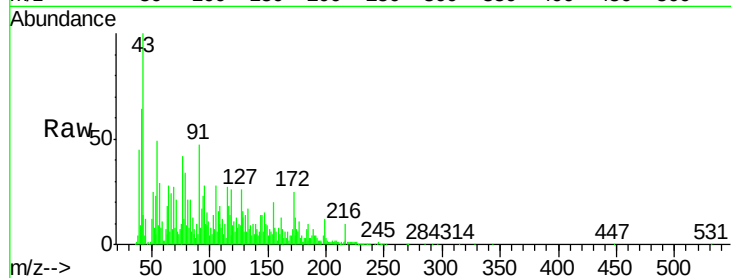
Tgt Ion:284 Resp: 152

Ion Ratio Lower Upper

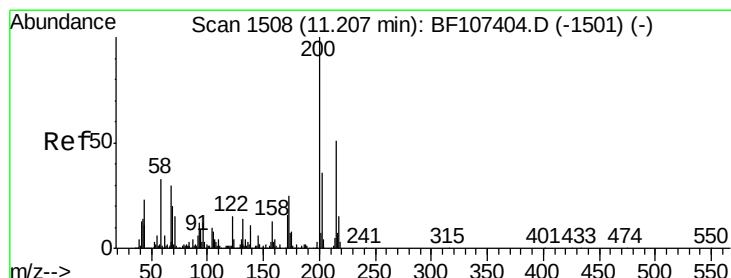
284 100

142 3220.9 34.6 52.0#

249 0.0 24.8 37.2#



Time-->



#68

Atrazine

Concen: 1.821 ng

RT: 11.24 min Scan# 1514

Delta R.T. 0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

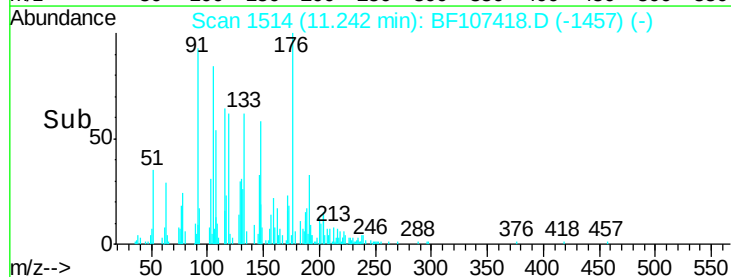
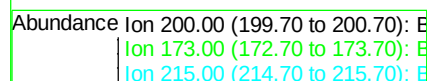
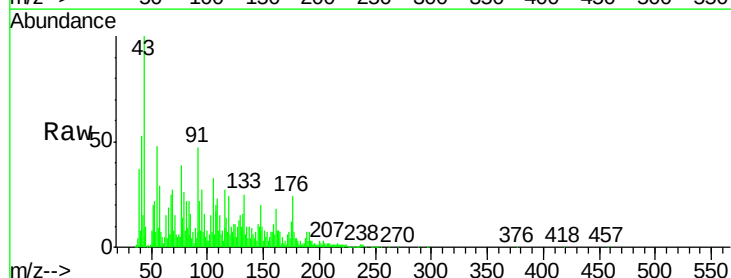
Tgt Ion:200 Resp: 9133

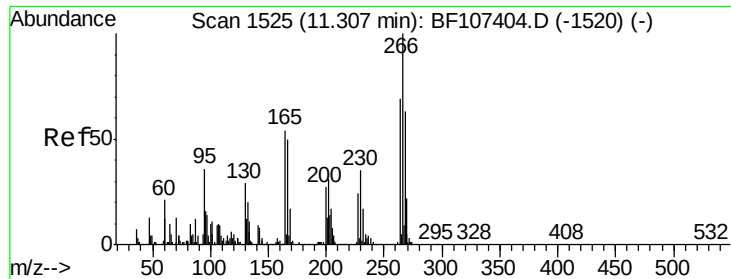
Ion Ratio Lower Upper

200 100

173 262.3 8.6 48.6#

215 21.0 25.1 65.1#





#69

Pentachlorophenol

Concen: 0.482 ng

RT: 11.34 min Scan# 1530

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

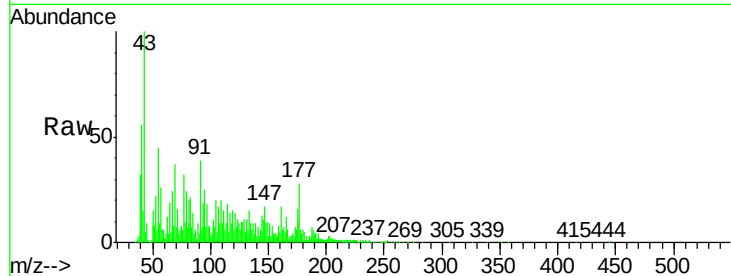
Tgt Ion:266 Resp: 1587

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

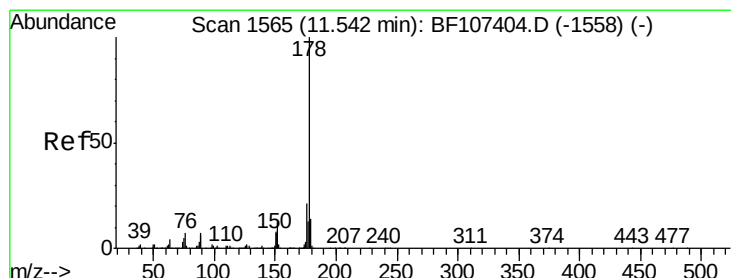
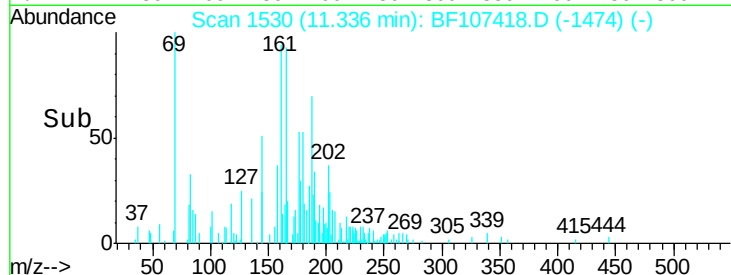
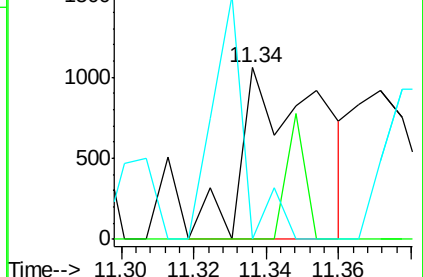
264 0.0 49.5 74.3#



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: 1.436 ng

RT: 11.57 min Scan# 1569

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

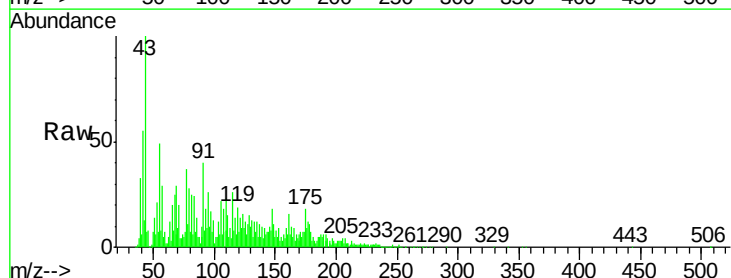
Tgt Ion:178 Resp: 30087

Ion Ratio Lower Upper

178 100

176 82.0 15.8 23.8#

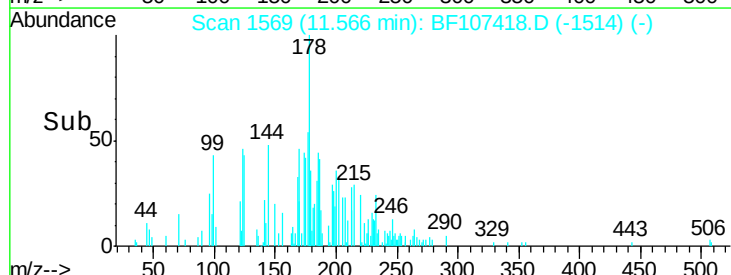
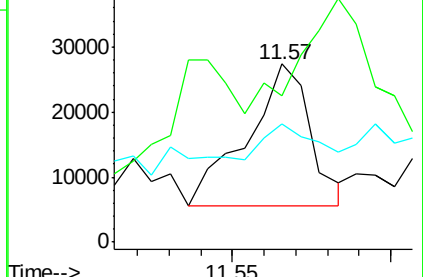
179 66.3 13.0 19.6#

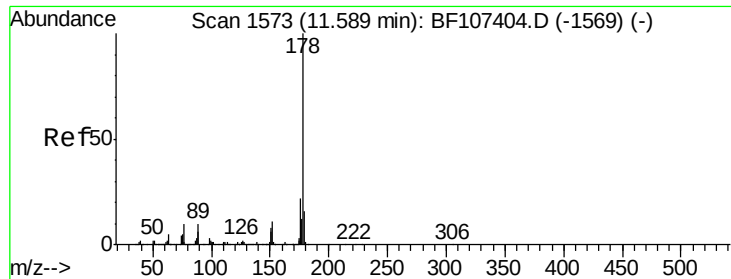


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

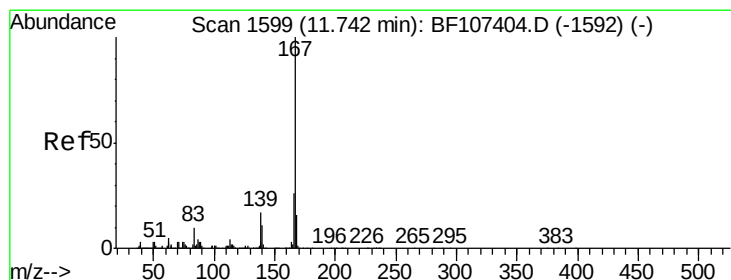
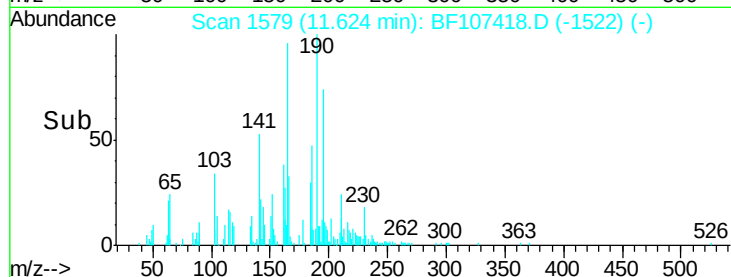
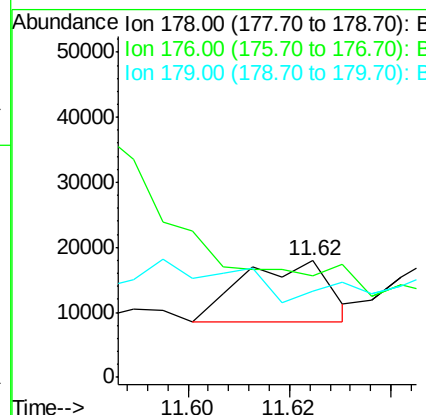
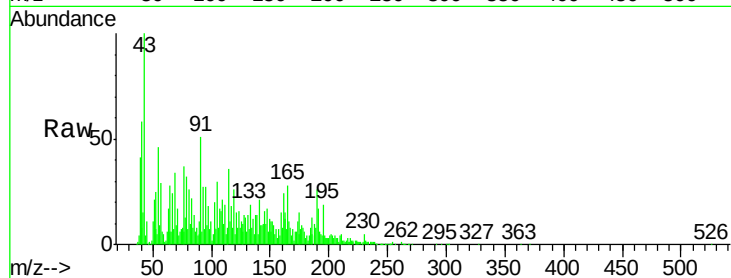




#71
 Anthracene
 Concen: 0.537 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. 0.04 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

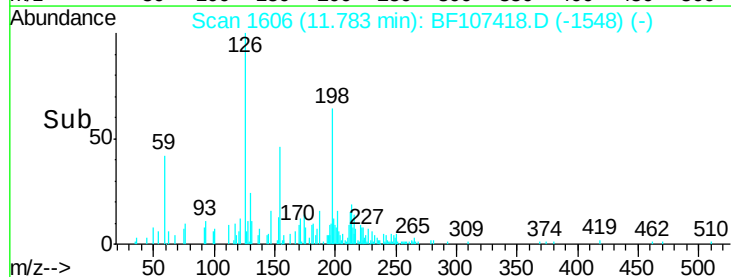
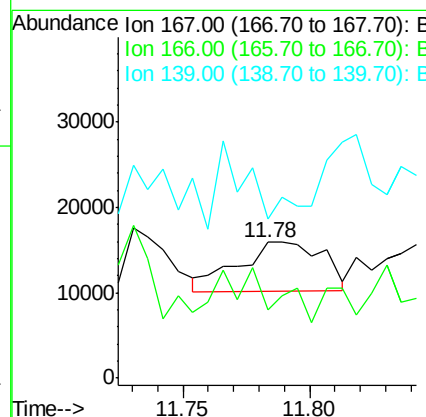
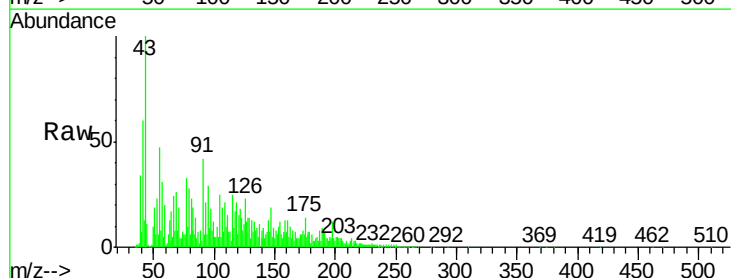
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

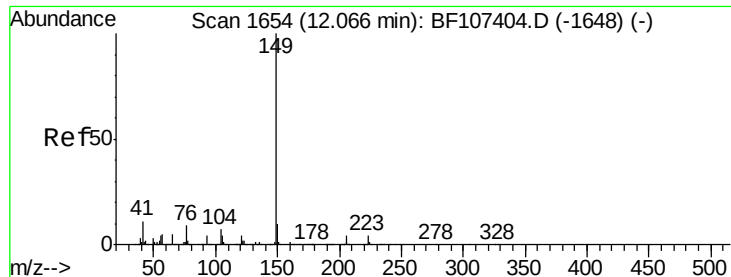
Tgt Ion:178 Resp: 11202
 Ion Ratio Lower Upper
 178 100
 176 86.8 15.4 23.2#
 179 74.4 12.6 19.0#



#72
 Carbazole
 Concen: 0.675 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. 0.04 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion:167 Resp: 13326
 Ion Ratio Lower Upper
 167 100
 166 50.0 17.6 26.4#
 139 117.2 10.9 16.3#

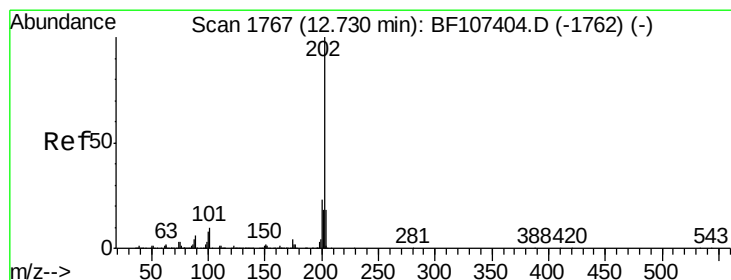
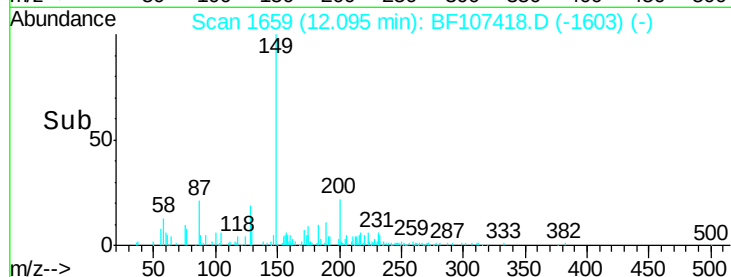
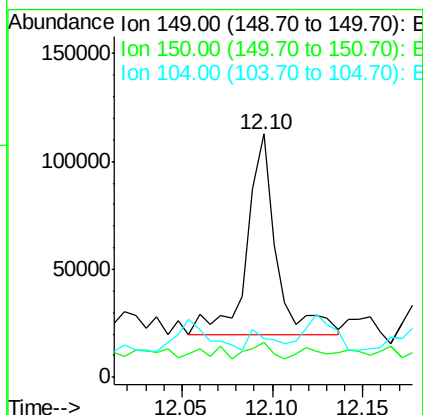
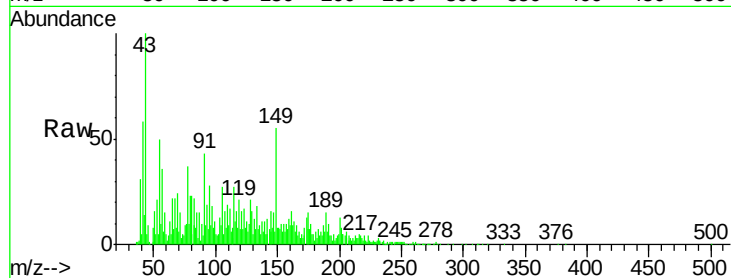




#73
Di-n-butylphthalate
Concen: 4.604 ng
RT: 12.10 min Scan# 1659
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

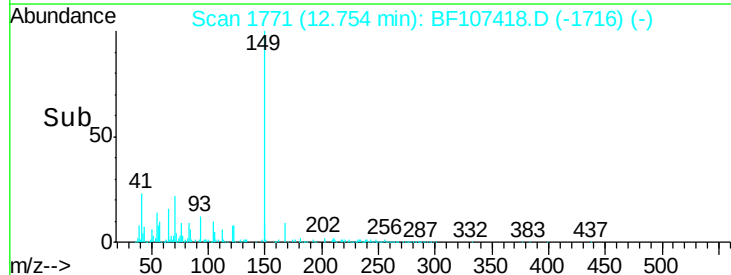
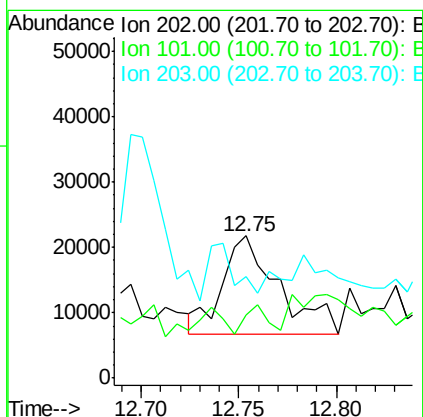
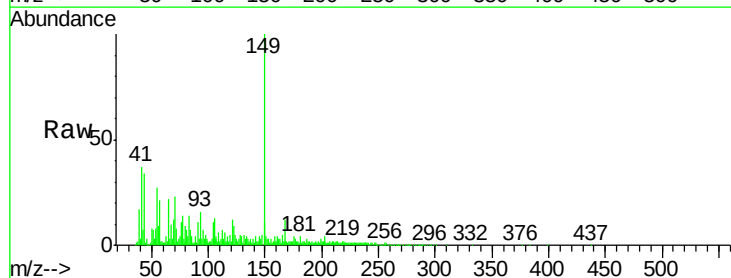
Instrument :
BNA_F
ClientSampleId :
DRUM-1

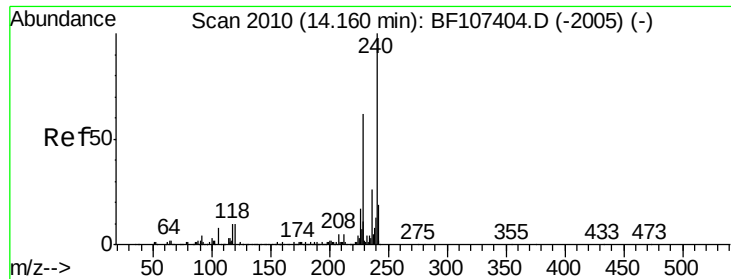
Tgt Ion:149 Resp: 104495
Ion Ratio Lower Upper
149 100
150 14.3 7.8 11.6#
104 15.8 3.8 5.8#



#74
Fluoranthene
Concen: 1.267 ng
RT: 12.75 min Scan# 1771
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:202 Resp: 30174
Ion Ratio Lower Upper
202 100
101 43.9 0.0 34.1#
203 71.2 0.0 38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

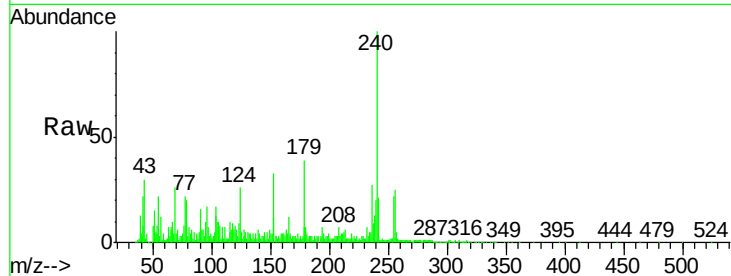
Tgt Ion:240 Resp: 358244

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

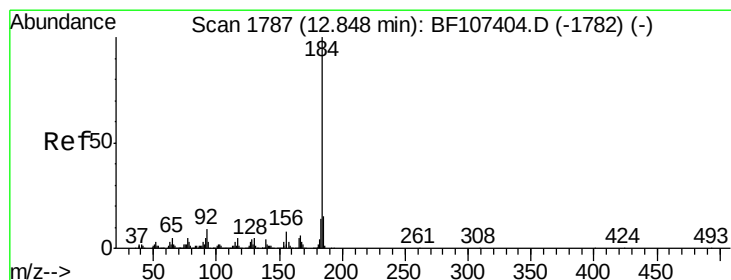
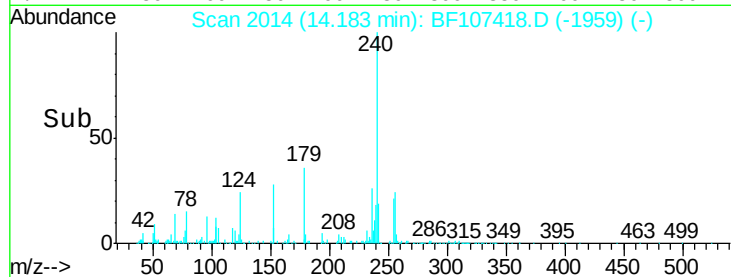
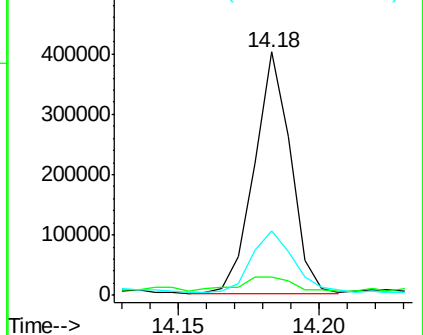
236 26.6 20.7 31.1



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: 0.250 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

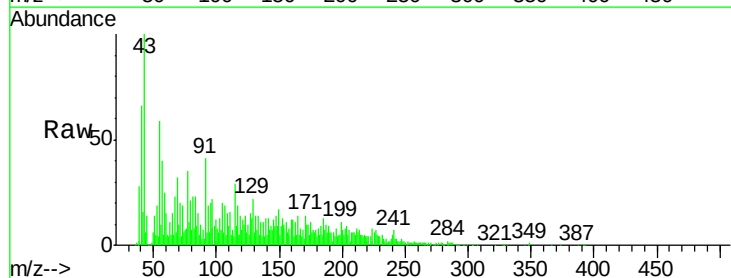
Tgt Ion:184 Resp: 3476

Ion Ratio Lower Upper

184 100

185 239.9 12.6 18.8#

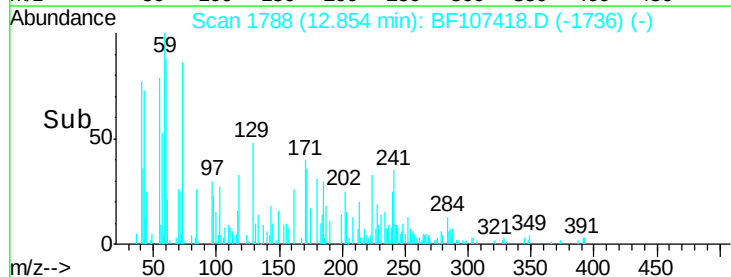
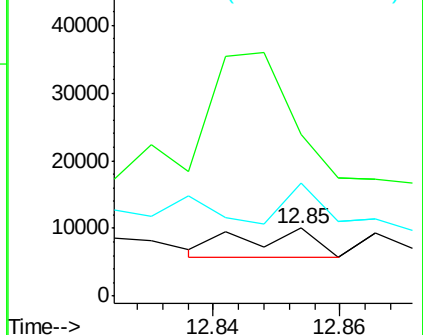
183 166.5 9.3 13.9#

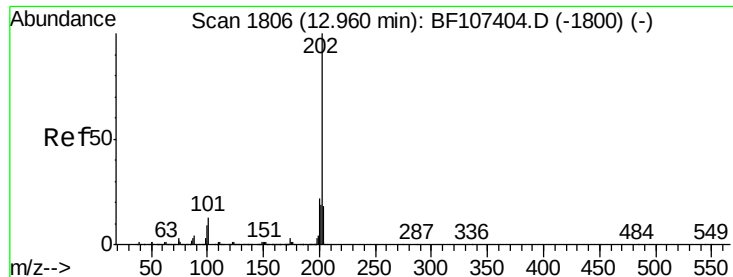


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.364 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

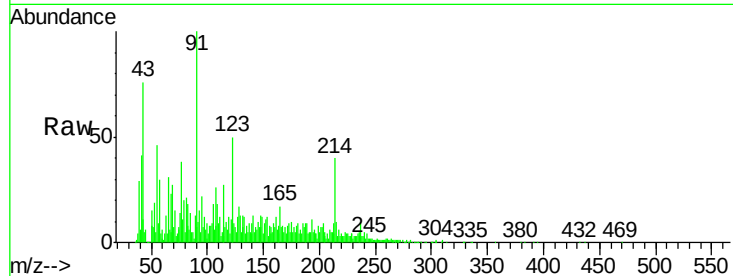
Tgt Ion:202 Resp: 8866

Ion Ratio Lower Upper

202 100

200 67.3 17.4 26.2#

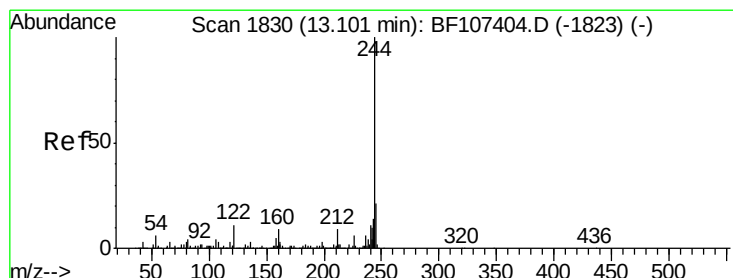
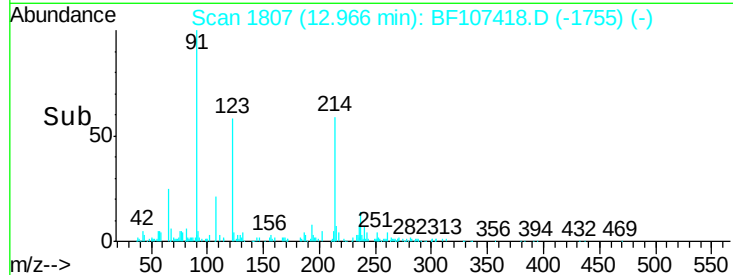
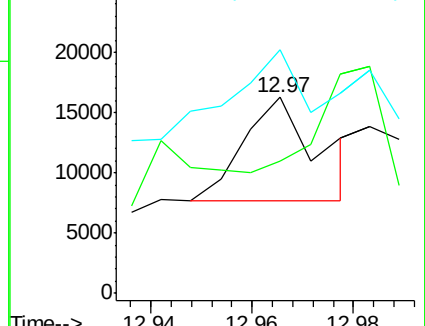
203 124.2 14.3 21.5#



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: 89.862 ng

RT: 13.12 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

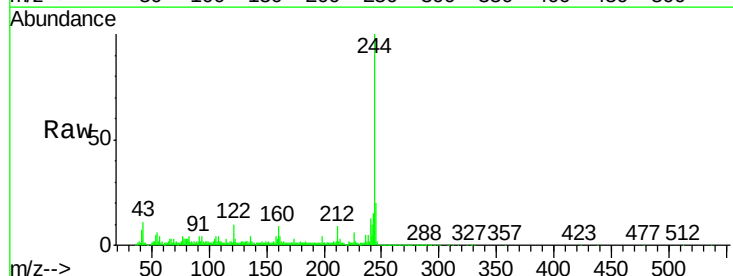
Tgt Ion:244 Resp: 1295687

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

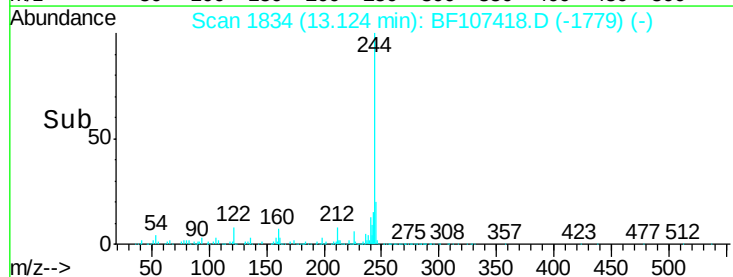
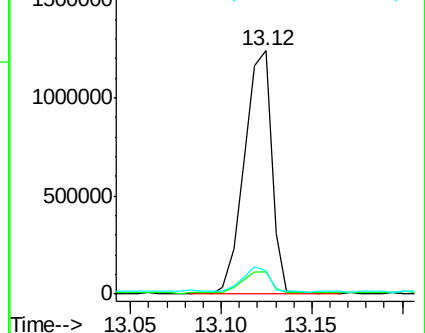
122 9.7 11.0 16.4#

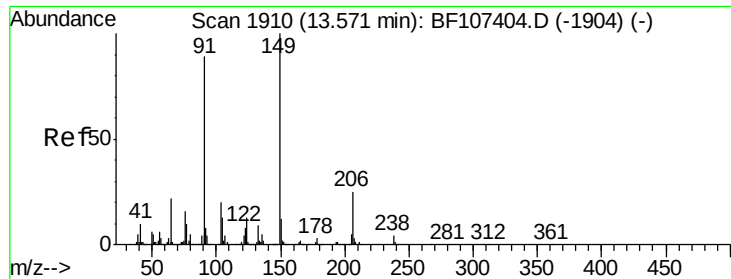


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

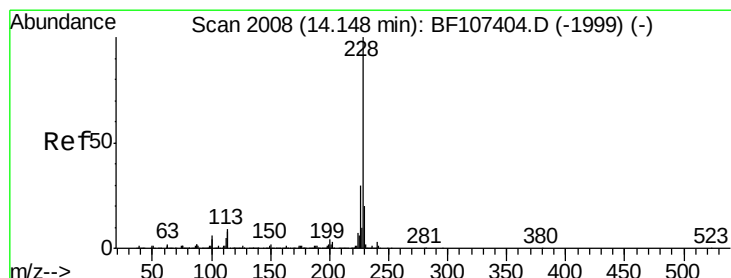
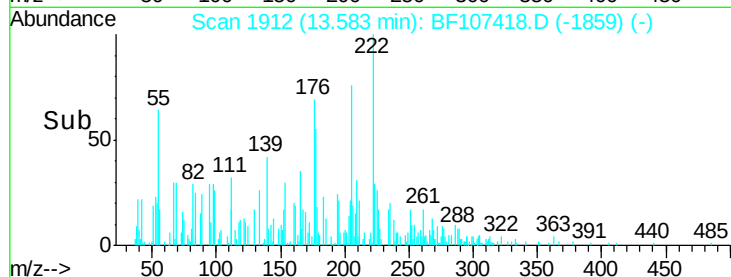
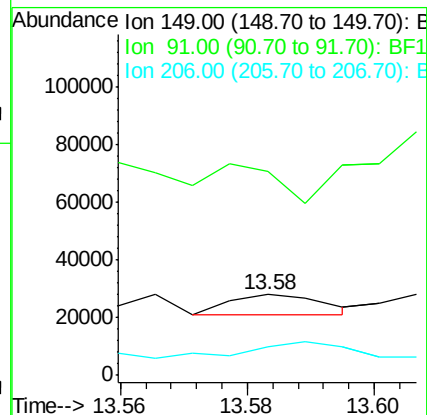
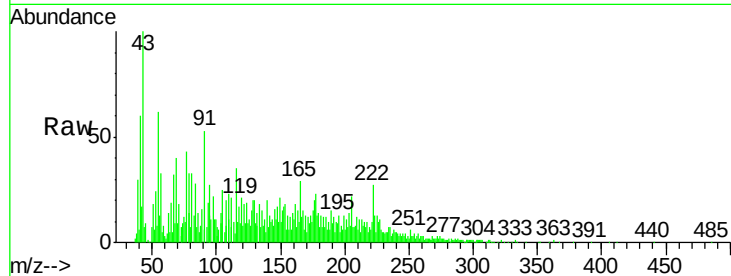




#79
Butylbenzylphthalate
Concen: 0.833 ng
RT: 13.58 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

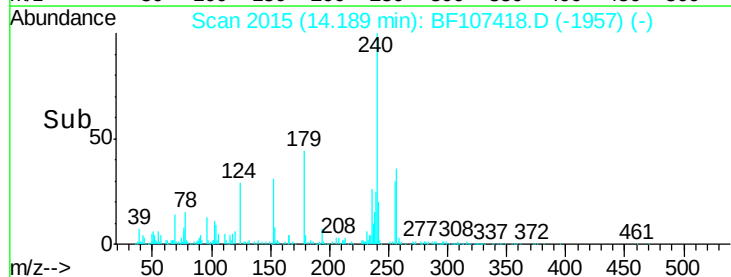
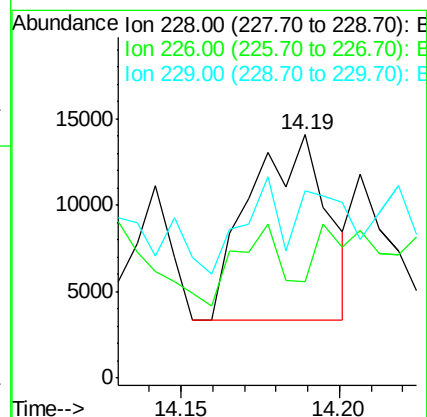
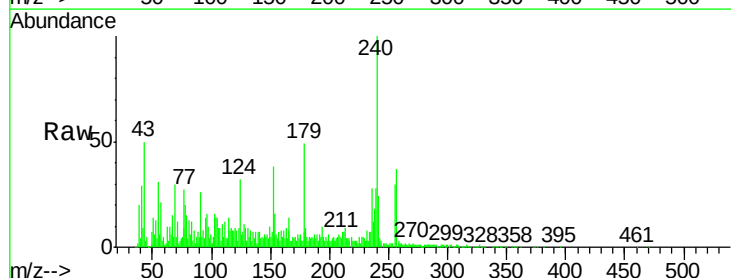
Instrument :
BNA_F
ClientSampleId :
DRUM-1

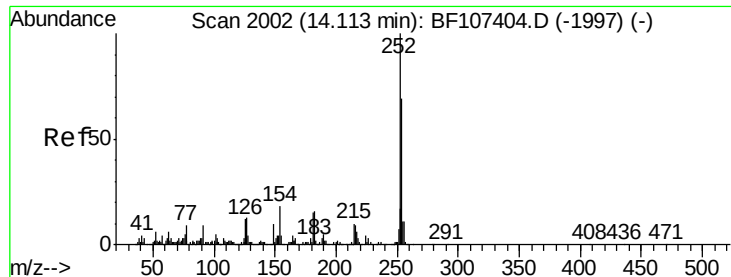
Tgt Ion:149 Resp: 7391
Ion Ratio Lower Upper
149 100
91 253.0 56.8 85.2#
206 35.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.835 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.04 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:228 Resp: 18292
Ion Ratio Lower Upper
228 100
226 39.4 22.6 33.8#
229 76.9 15.8 23.6#

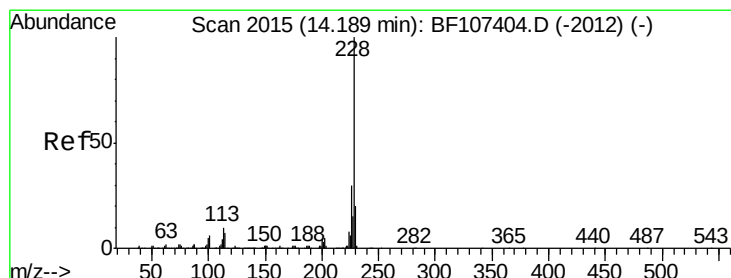
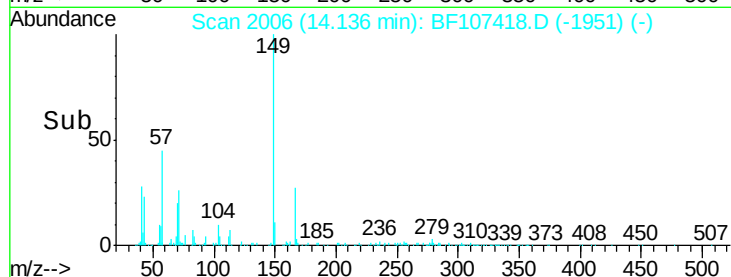
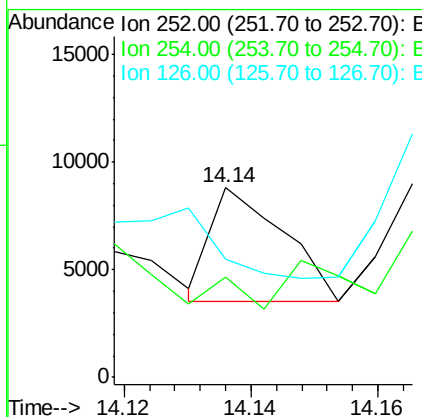
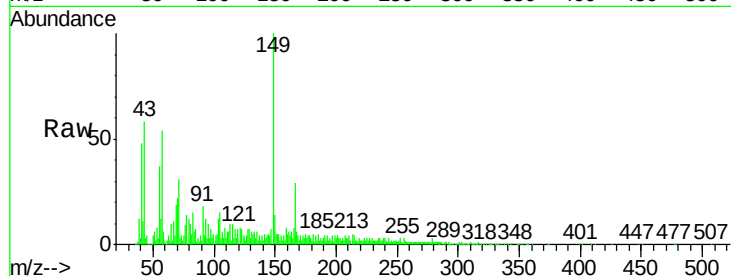




#81
 3,3'-Dichlorobenzidine
 Concen: 0.571 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. 0.02 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

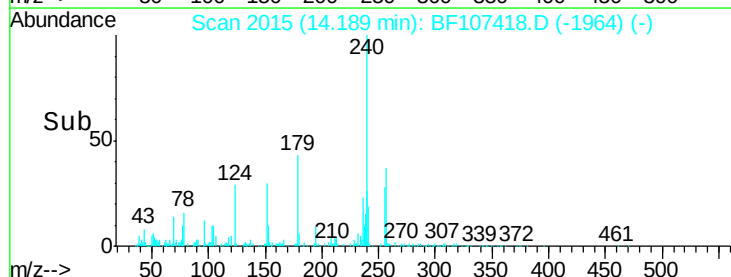
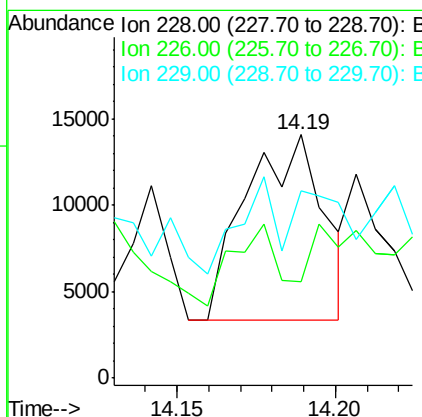
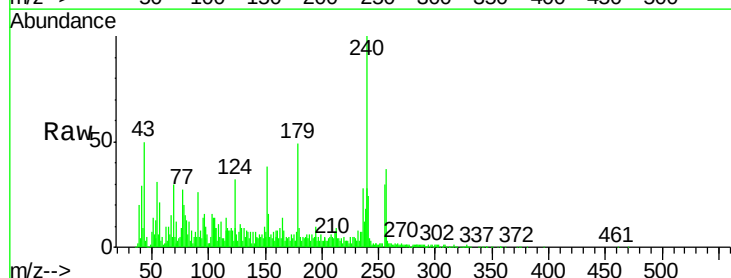
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

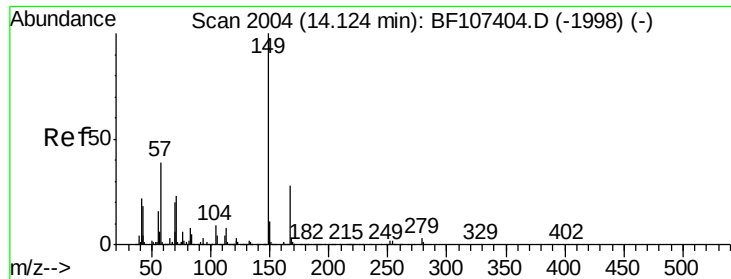
Tgt Ion: 252 Resp: 4195
 Ion Ratio Lower Upper
 252 100
 254 53.2 50.4 75.6
 126 62.3 11.3 16.9#



#82
 Chrysene
 Concen: 0.874 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion: 228 Resp: 18292
 Ion Ratio Lower Upper
 228 100
 226 39.4 25.0 37.6#
 229 76.9 16.2 24.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 164.294 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

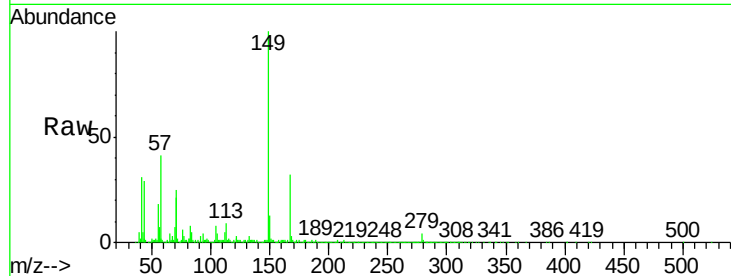
Tgt Ion:149 Resp: 2089177

Ion Ratio Lower Upper

149 100

167 32.0 21.3 31.9#

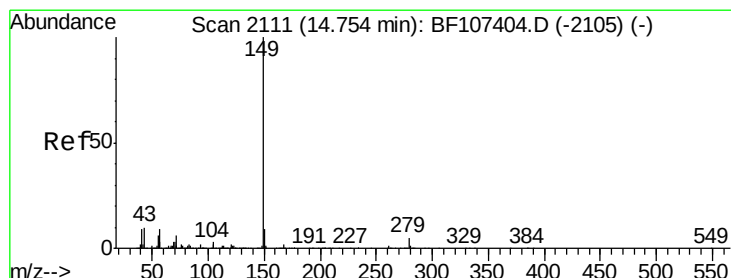
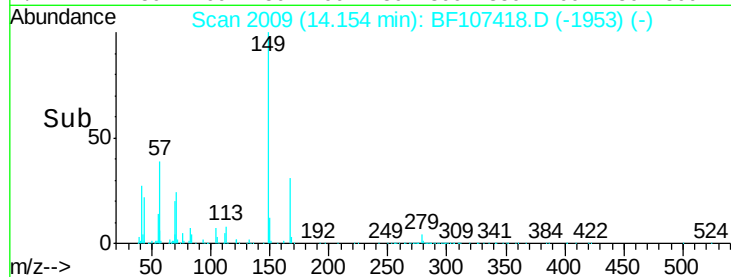
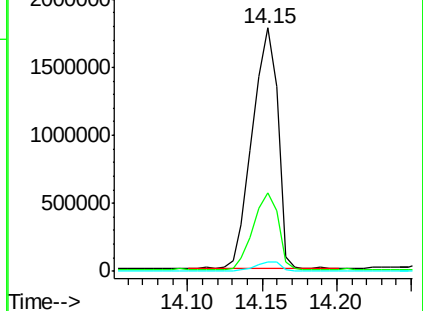
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 3.400 ng

RT: 14.79 min Scan# 2117

Delta R.T. 0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

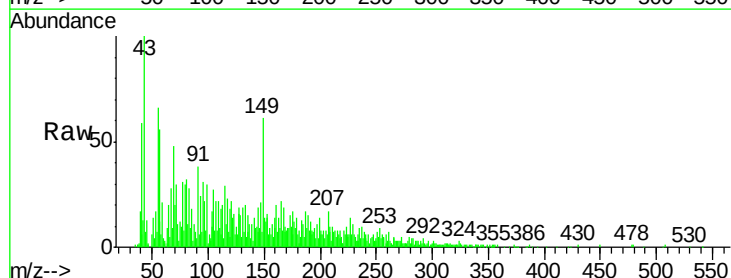
Tgt Ion:149 Resp: 67218

Ion Ratio Lower Upper

149 100

167 33.5 1.2 1.8#

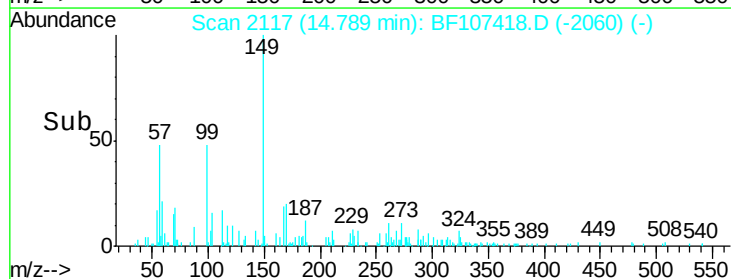
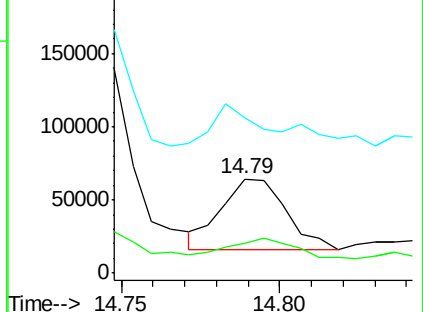
43 64.0 8.4 12.6#

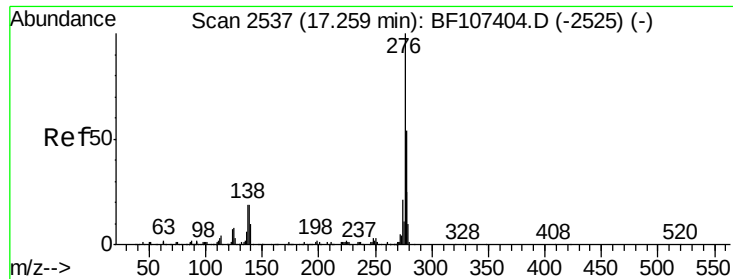


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

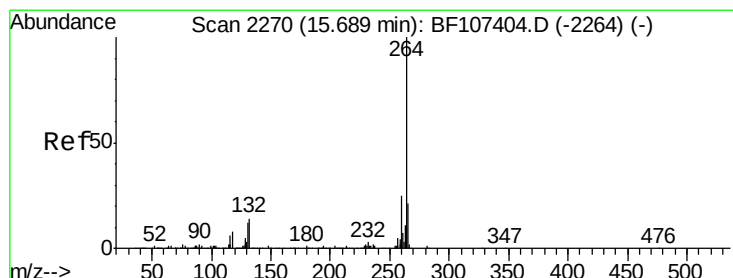
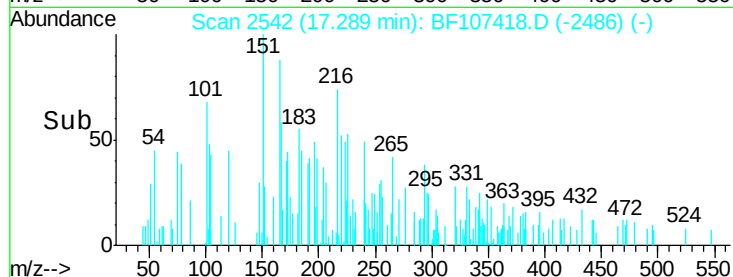
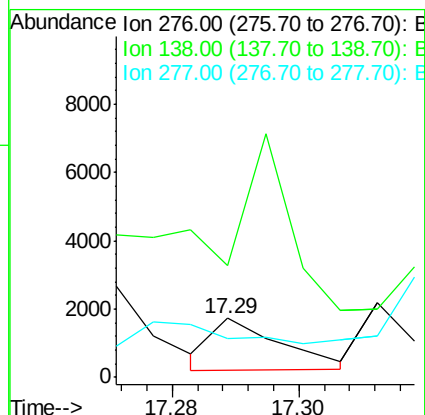
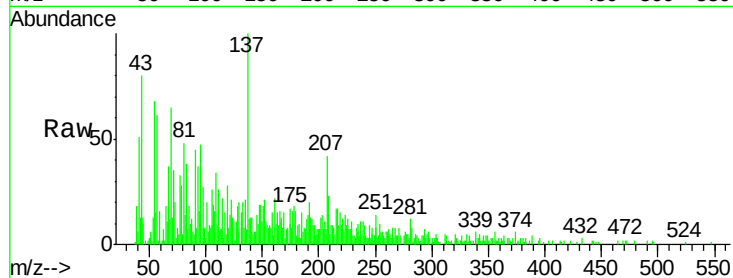




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 17.29 min Scan# 2542
 Delta R.T. 0.03 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

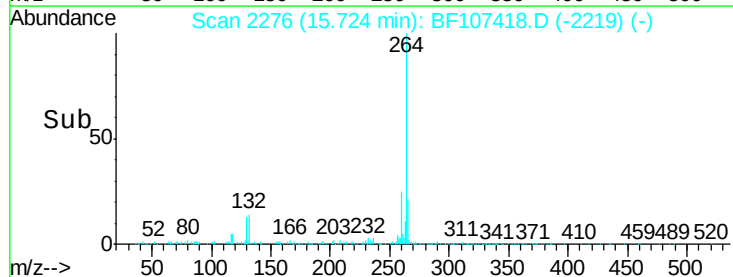
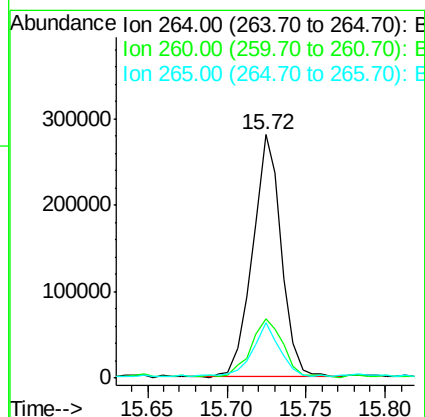
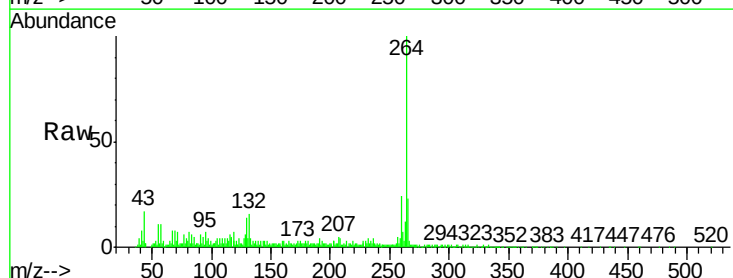
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

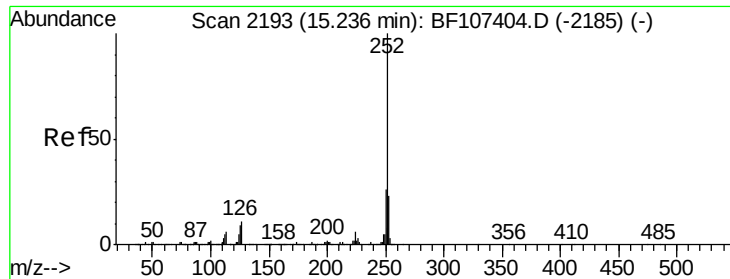
Tgt Ion: 276 Resp: 1136
 Ion Ratio Lower Upper
 276 100
 138 231.8 25.0 37.6#
 277 0.0 20.1 30.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2276
 Delta R.T. 0.04 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion: 264 Resp: 352459
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.8 17.5 26.3

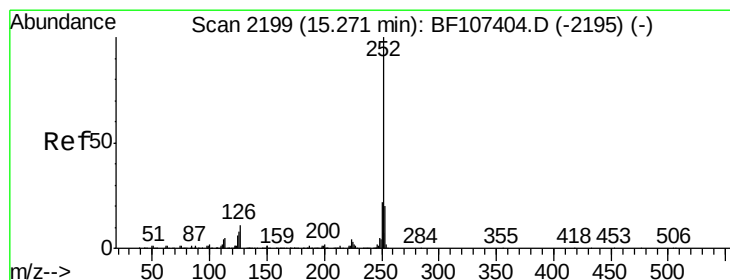
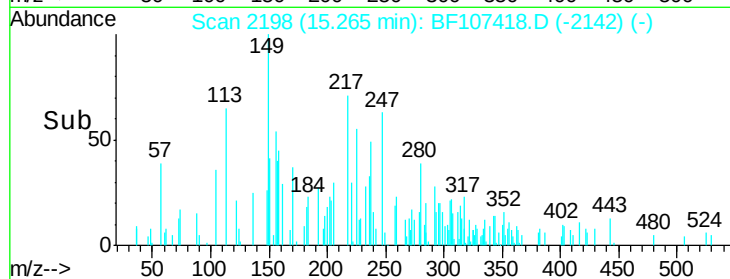
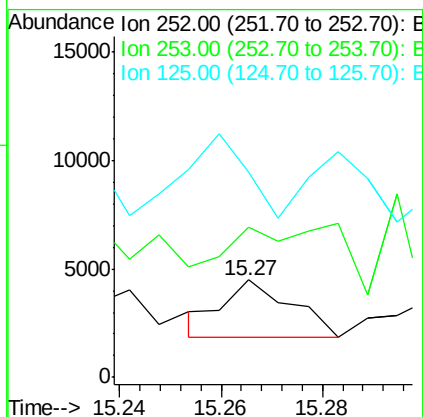
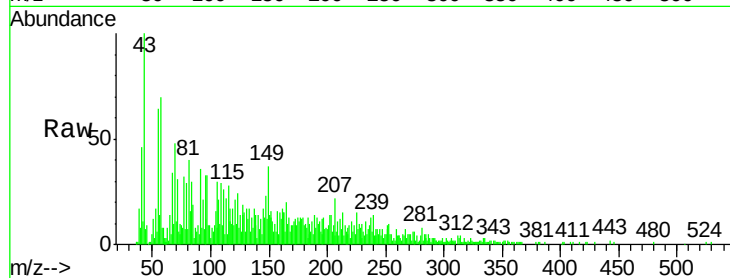




#87
Benzo(b)fluoranthene
Concen: 0.118 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

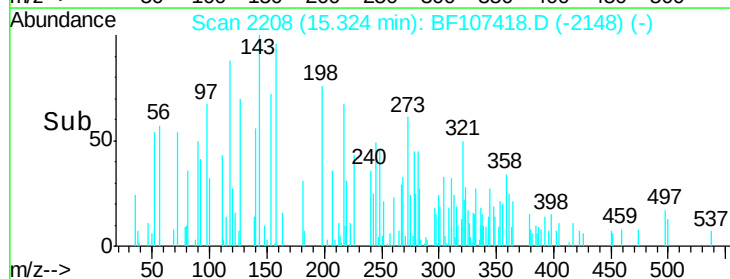
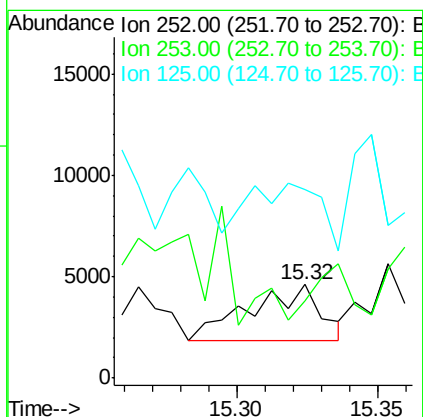
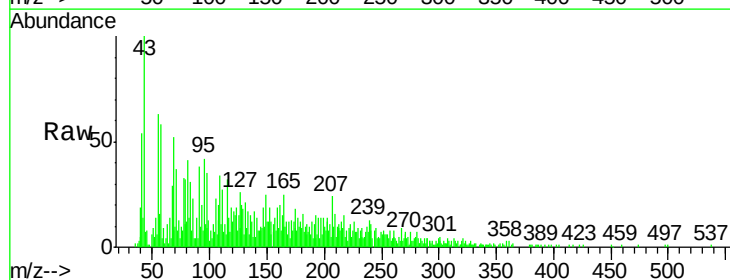
Instrument :
BNA_F
ClientSampleId :
DRUM-1

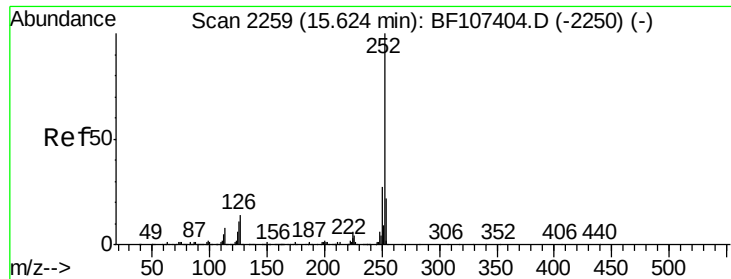
Tgt Ion:252 Resp: 2430
Ion Ratio Lower Upper
252 100
253 153.4 17.0 25.6#
125 210.1 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.240 ng
RT: 15.32 min Scan# 2208
Delta R.T. 0.05 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion:252 Resp: 4825
Ion Ratio Lower Upper
252 100
253 82.1 17.9 26.9#
125 201.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.169 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

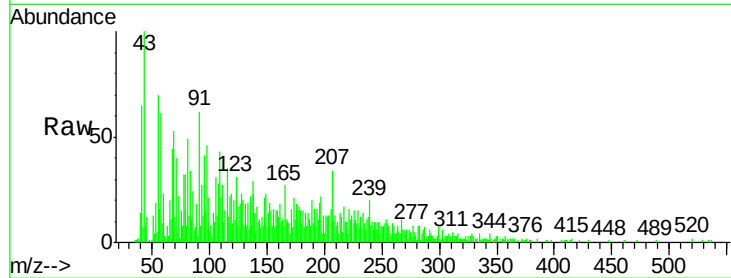
Tgt Ion:252 Resp: 3207

Ion Ratio Lower Upper

252 100

253 132.8 17.1 25.7#

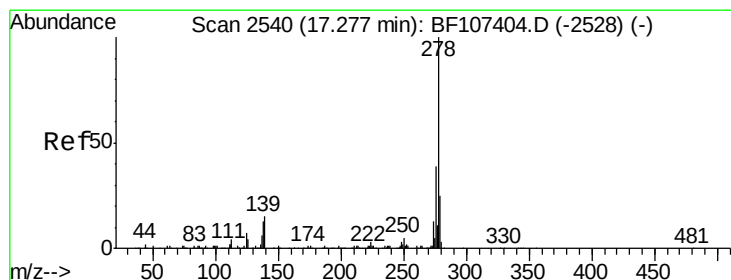
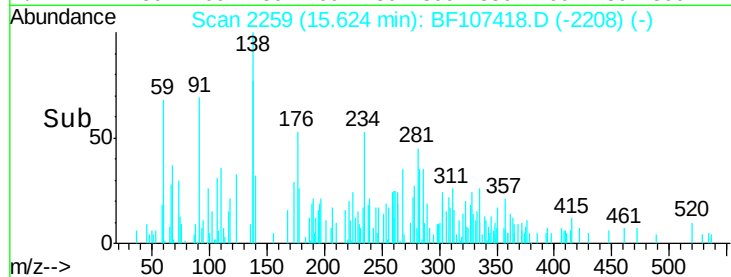
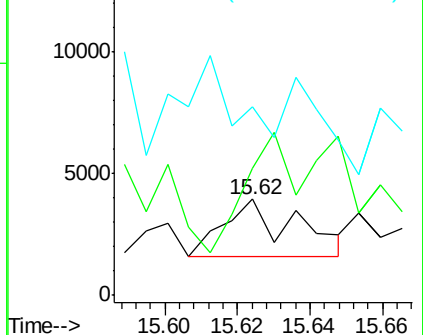
125 195.9 9.8 14.6#



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: 0.070 ng

RT: 17.31 min Scan# 2546

Delta R.T. 0.04 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

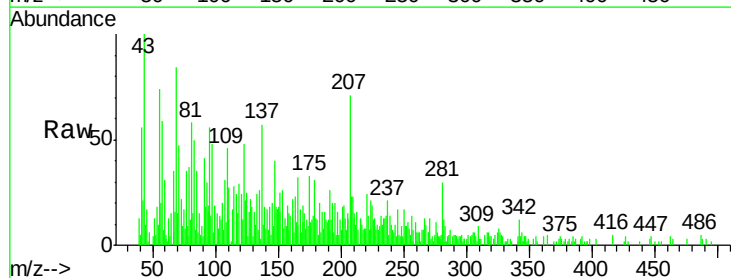
Tgt Ion:278 Resp: 998

Ion Ratio Lower Upper

278 100

139 216.0 15.9 23.9#

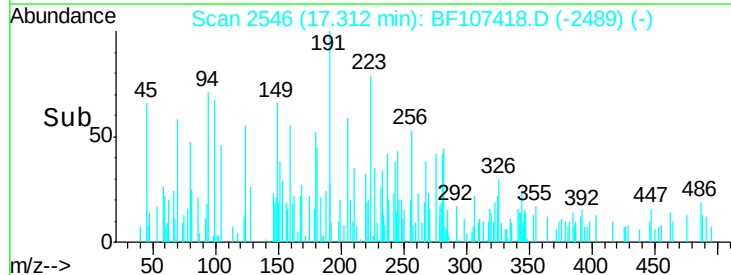
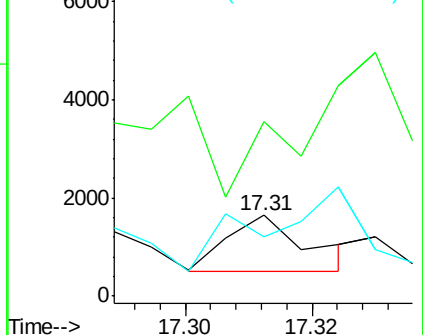
279 73.3 19.0 28.4#

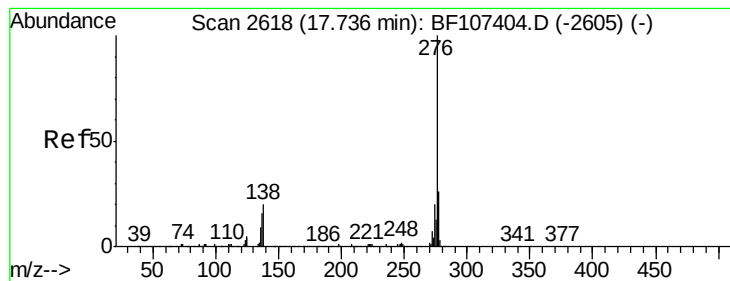


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.096 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.05 min

Lab File: BF107418.D

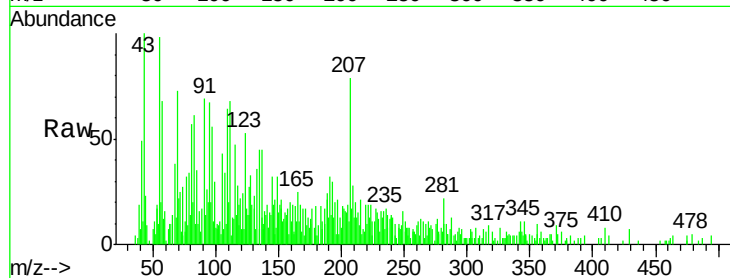
Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1



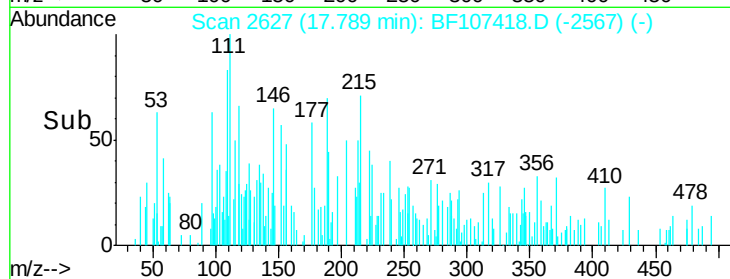
Tgt Ion: 276 Resp: 1398

Ion Ratio Lower Upper

276 100

277 87.0 17.9 26.9#

138 140.8 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

