

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107419.D
 Acq On : 16 Jul 2018 22:55
 Operator : JU/SJ
 Sample : J3545-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

Quant Time: Jul 17 01:01:11 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	143048	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	492096	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	164077	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	207558	20.00	ng	0.03
75) Chrysene-d12	14.17	240	348592	20.00	ng	0.01
86) Perylene-d12	15.70	264	383020	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1056403	112.16	ng	0.02
7) Phenol-d6	6.61	99	1338301	109.90	ng	0.02
23) Nitrobenzene-d5	7.54	82	983163	106.54	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	164339	114.00	ng	0.02
44) 2-Fluorobiphenyl	9.34	172	1315509	140.80	ng	0.00
78) Terphenyl-d14	13.12	244	971208	69.22	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	281	0.060	ng	# 20
3) Pyridine	3.61	79	364	0.029	ng	# 71
4) n-Nitrosodimethylamine	3.62	42	403	0.078	ng	# 1
6) Aniline	6.62	93	1256	0.078	ng	# 1
8) 2-Chlorophenol	6.77	128	1296	0.136	ng	# 1
9) Benzaldehyde	6.75	77	40879	4.173	ng	88
10) Phenol	6.62	94	9881	0.757	ng	# 1
11) bis(2-Chloroethyl)ether	6.68	93	161	0.015	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	236	0.020	ng	# 26
13) 1,4-Dichlorobenzene	7.01	146	113	0.010	ng	# 24
14) 1,2-Dichlorobenzene	7.17	146	154	0.014	ng	# 1
15) Benzyl Alcohol	7.14	79	24254	1.983	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1316	0.116	ng	# 1
17) 2-Methylphenol	7.21	107	376	0.042	ng	# 50
18) Hexachloroethane	7.51	117	1001	0.235	ng	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	167514	19.212	ng	# 78
20) 3+4-Methylphenols	7.38	107	1622	0.141	ng	# 1
22) Acetophenone	7.38	105	2831	0.209	ng	# 66
24) Nitrobenzene	7.55	77	6322	0.610	ng	# 49
25) Isophorone	7.54	82	982034	53.687	ng	# 65
26) 2-Nitrophenol	7.89	139	1425	0.404	ng	# 28
27) 2,4-Dimethylphenol	8.04	122	1238	0.168	ng	# 89
28) bis(2-Chloroethoxy)methane	8.00	93	1272	0.111	ng	# 1
29) 2,4-Dichlorophenol	8.11	162	1494	0.195	ng	# 37
30) 1,2,4-Trichlorobenzene	8.20	180	3990	0.431	ng	# 69
31) Naphthalene	8.29	128	9352	0.391	ng	# 76
32) Benzoic acid	8.00	122	502	0.111	ng	# 2
33) 4-Chloroaniline	8.34	127	2499	0.241	ng	# 12
34) Hexachlorobutadiene	8.49	225	410	0.066	ng	# 18
35) Caprolactam	8.72	113	2795	1.123	ng	# 1
36) 4-Chloro-3-methylphenol	8.81	107	9814	0.982	ng	# 22
37) 2-Methylnaphthalene	8.98	142	25072	1.591	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	816	0.128	ng	# 77
40) Hexachlorocyclopentadiene	9.11	237	205	0.061	ng	# 26

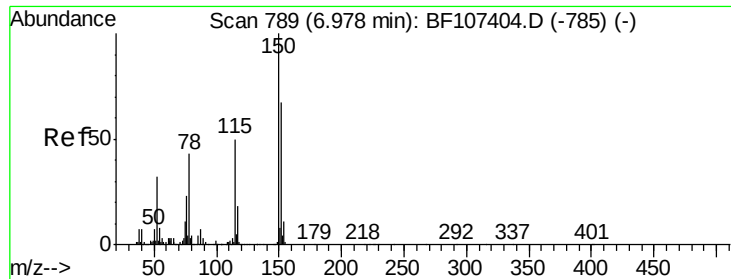
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107419.D
 Acq On : 16 Jul 2018 22:55
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	2047	0.514	ng	# 13
43) 2,4,5-Trichlorophenol	9.27	196	2047	0.537	ng	# 1
45) 1,1'-Biphenyl	9.44	154	15883	1.120	ng	# 91
46) 2-Chloronaphthalene	9.47	162	4060	0.362	ng	# 1
47) 2-Nitroaniline	9.57	65	8761	2.555	ng	# 48
48) Acenaphthylene	9.89	152	21684	1.387	ng	# 1
49) Dimethylphthalate	9.74	163	121073	9.287	ng	# 61
50) 2,6-Dinitrotoluene	9.82	165	15815	6.357	ng	# 41
51) Acenaphthene	10.07	154	1996	0.193	ng	# 1
52) 3-Nitroaniline	9.98	138	19088	7.305	ng	# 36
53) 2,4-Dinitrophenol	10.05	184	792	3.569	ng	# 1
54) Dibenzofuran	10.24	168	10717	0.669	ng	# 1
55) 4-Nitrophenol	10.13	139	13874	6.562	ng	# 1
56) 2,4-Dinitrotoluene	10.20	165	3105	0.958	ng	# 65
57) Fluorene	10.59	166	22659	2.136	ng	# 4
58) 2,3,4,6-Tetrachlorophenol	10.32	232	7563	2.048	ng	# 47
59) Diethylphthalate	10.43	149	12390	0.978	ng	# 1
60) 4-Chlorophenyl-phenylether	10.54	204	7239	1.146	ng	# 1
61) 4-Nitroaniline	10.50	138	29084	11.696	ng	# 88
62) Azobenzene	10.74	77	8209	0.552	ng	# 56
64) 4,6-Dinitro-2-methylphenol	10.65	198	3702	10.298	ng	# 1
65) n-Nitrosodiphenylamine	10.70	169	70765	10.795	ng	# 56
66) 4-Bromophenyl-phenylether	11.08	248	1930	0.813	ng	# 1
68) Atrazine	11.25	200	2578	1.041	ng	# 1
69) Pentachlorophenol	11.34	266	4816	2.965	ng	# 44
70) Phenanthrene	11.57	178	66448	6.424	ng	# 41
71) Anthracene	11.61	178	3844	0.373	ng	# 1
72) Carbazole	11.77	167	6385	0.655	ng	# 1
73) Di-n-butylphthalate	12.09	149	43042	3.840	ng	# 37
74) Fluoranthene	12.76	202	6523	0.555	ng	# 1
76) Benzidine	12.85	184	3238	0.239	ng	# 1
77) Pyrene	12.94	202	2100	0.089	ng	# 1
79) Butylbenzylphthalate	13.59	149	4279	0.496	ng	# 43
80) Benzo(a)anthracene	14.14	228	1061	0.050	ng	# 1
81) 3,3'-Dichlorobenzidine	14.10	252	1031	0.144	ng	# 28
82) Chrysene	14.18	228	6851	0.336	ng	# 17
83) Bis(2-ethylhexyl)phthalate	14.13	149	56474	4.564	ng	# 91
84) Di-n-octyl phthalate	14.75	149	3103	0.161	ng	# 75
85) Indeno(1,2,3-cd)pyrene	17.29	276	1827	0.126	ng	# 46
87) Benzo(b)fluoranthene	15.26	252	1623	0.072	ng	# 1
88) Benzo(k)fluoranthene	15.26	252	1623	0.074	ng	# 1
89) Benzo(a)pyrene	15.63	252	837	0.041	ng	# 1
90) Dibenzo(a,h)anthracene	17.29	278	1817	0.117	ng	# 1
91) Benzo(g,h,i)perylene	17.57	276	1604	0.102	ng	# 99

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

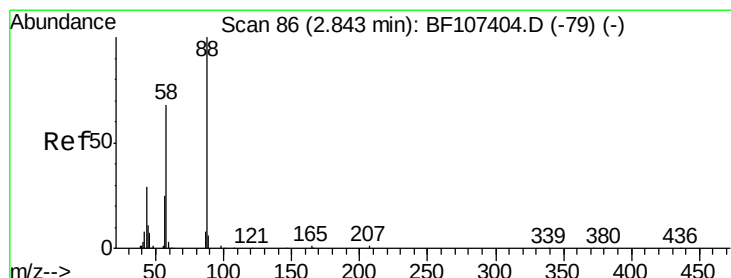
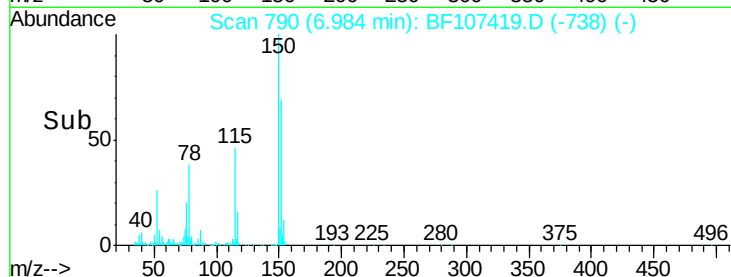
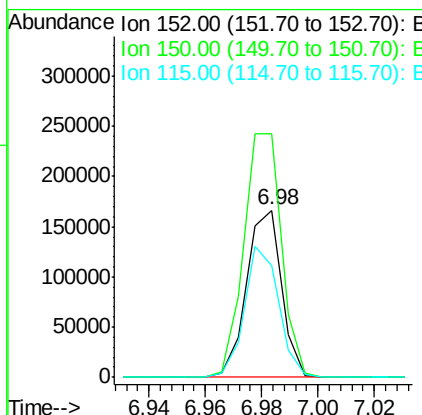
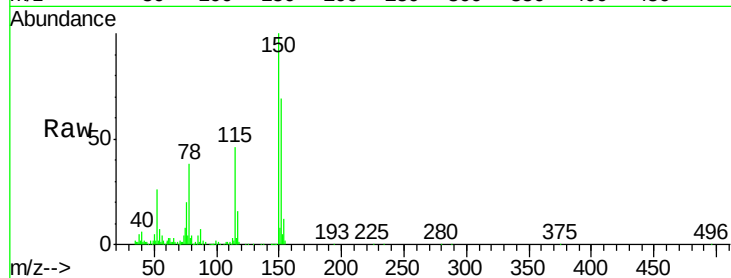


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DRUM-3

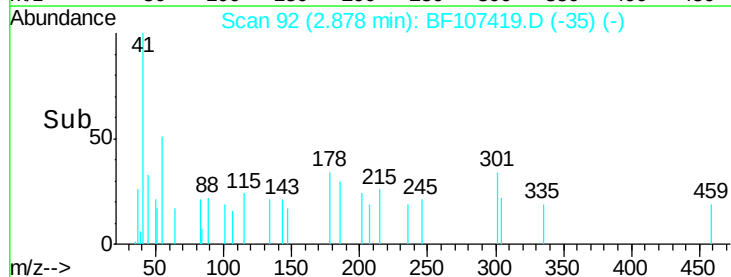
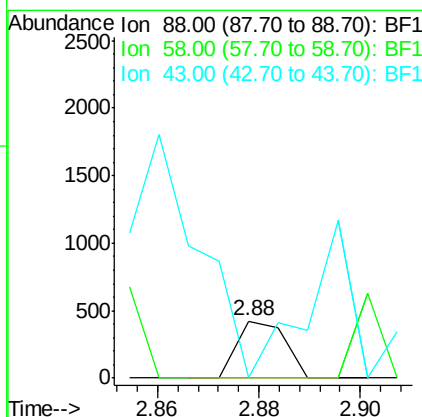
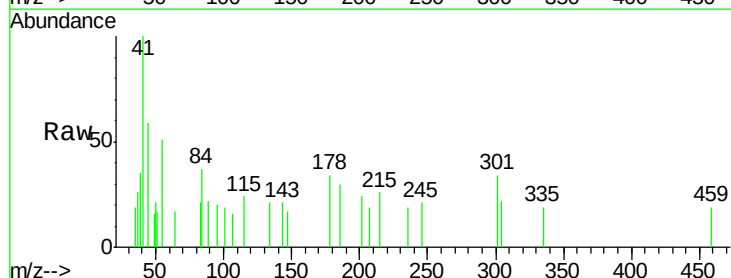
Tgt Ion:152 Resp: 143048
Ion Ratio Lower Upper
152 100
150 145.7 124.6 186.8
115 66.9 50.1 75.1

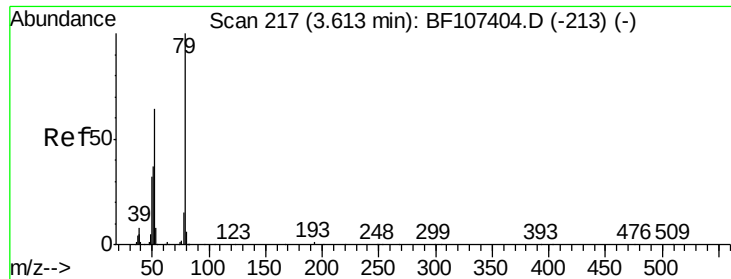


#2

1,4-Dioxane
Concen: 0.060 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.04 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion: 88 Resp: 281
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#





#3

Pyridine

Concen: 0.029 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

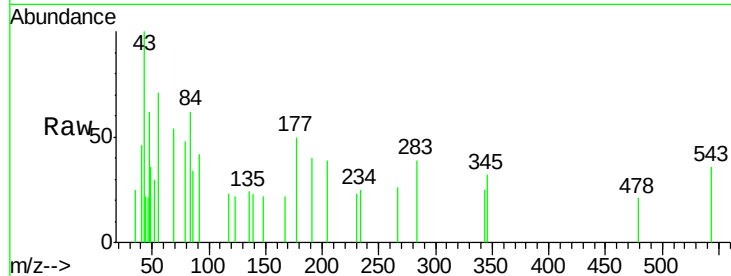
Tgt Ion: 79 Resp: 364

Ion Ratio Lower Upper

79 100

52 63.8 59.8 89.6

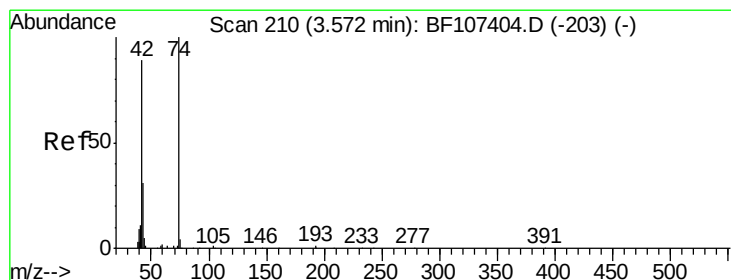
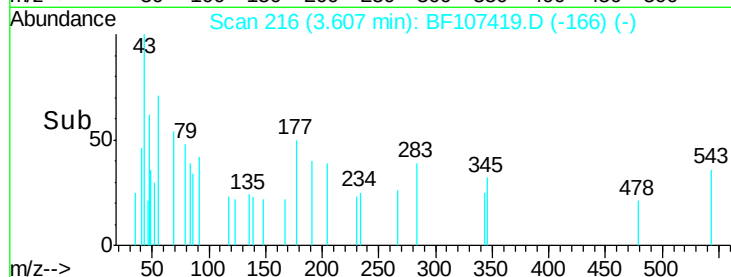
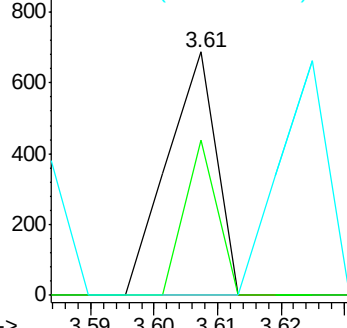
51 0.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.078 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.05 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

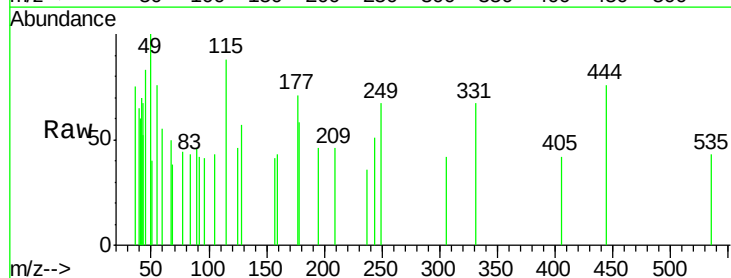
Tgt Ion: 42 Resp: 403

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

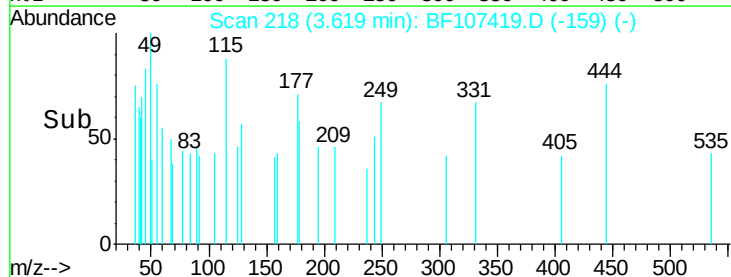
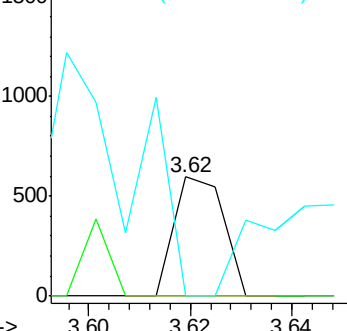
44 0.0 6.9 10.3#

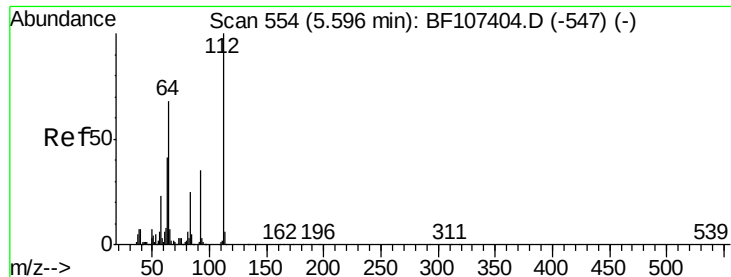


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.158 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

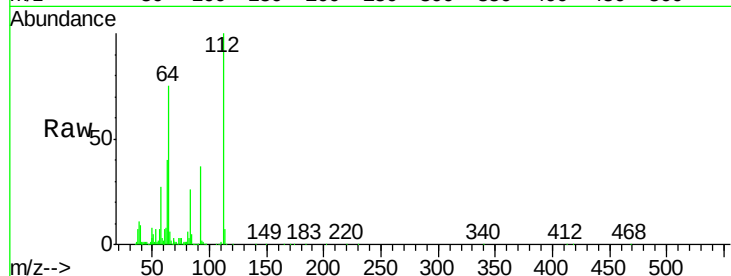
Tgt Ion: 112 Resp: 1056403

Ion Ratio Lower Upper

112 100

64 74.6 47.9 71.9#

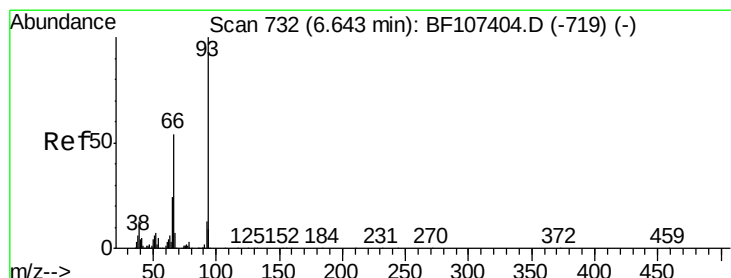
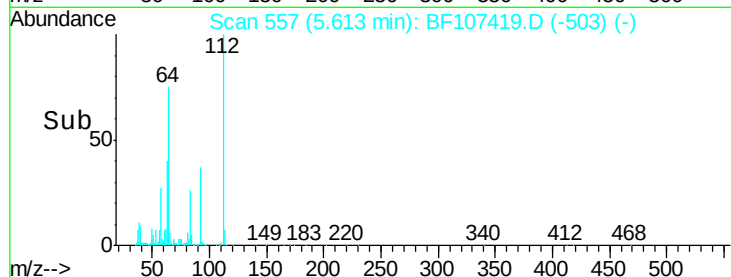
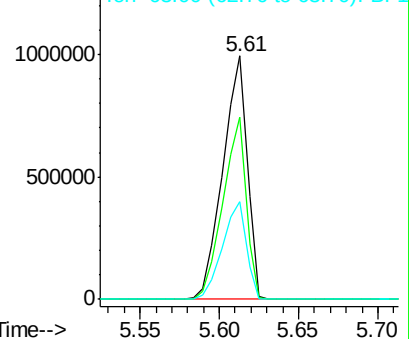
63 40.1 23.7 35.5#



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



#6

Aniline

Concen: 0.078 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

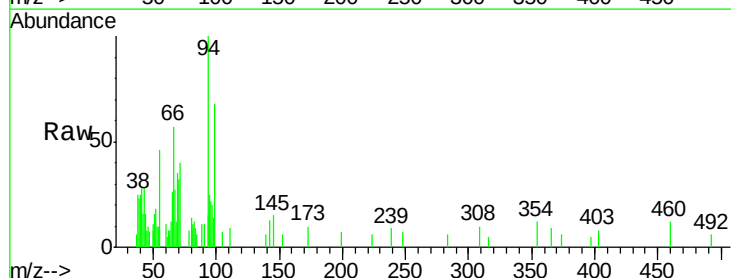
Tgt Ion: 93 Resp: 1256

Ion Ratio Lower Upper

93 100

66 391.9 32.2 48.2#

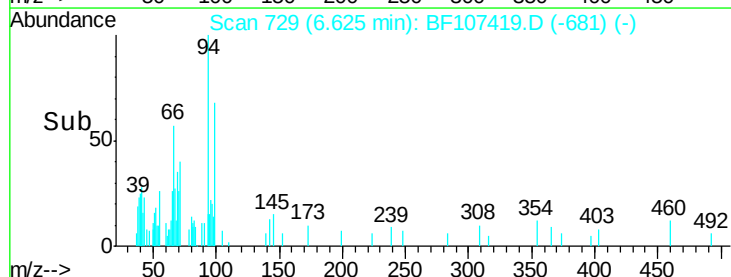
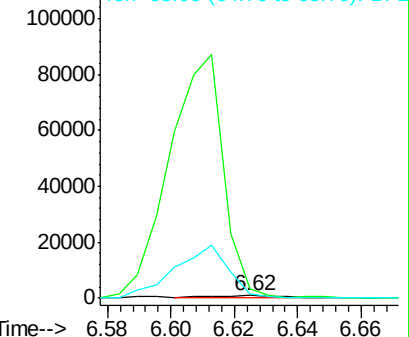
65 175.5 16.4 24.6#

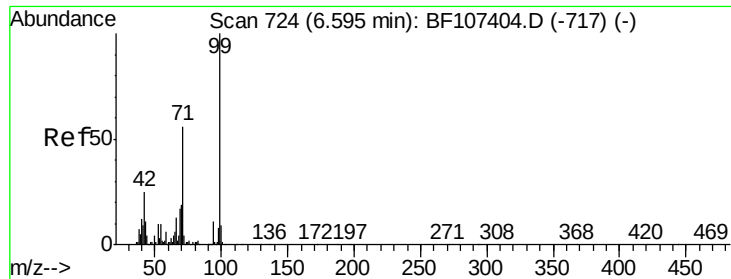


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.900 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

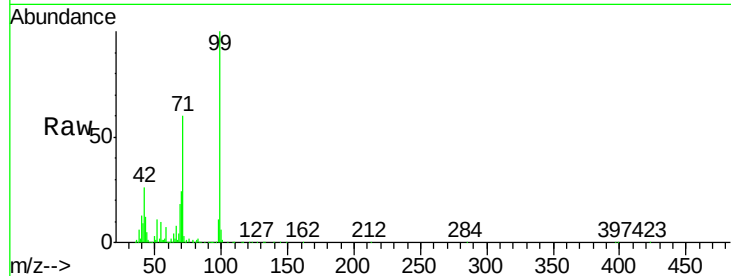
Tgt Ion: 99 Resp: 1338301

Ion Ratio Lower Upper

99 100

42 26.3 14.5 21.7#

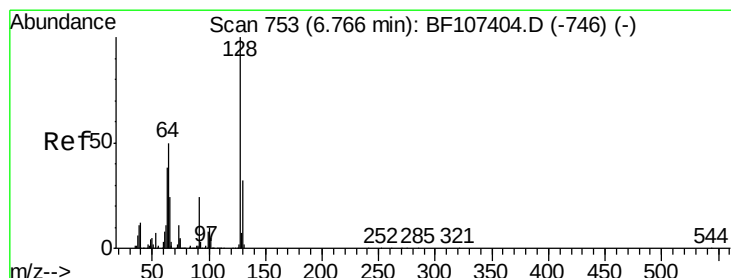
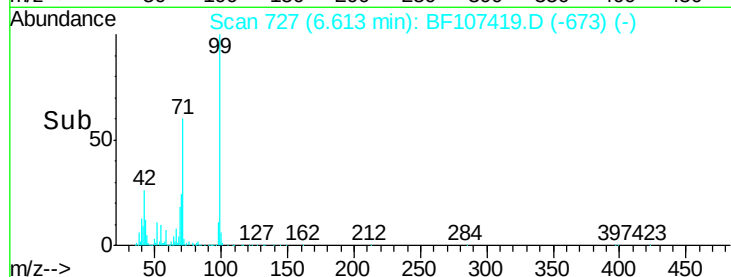
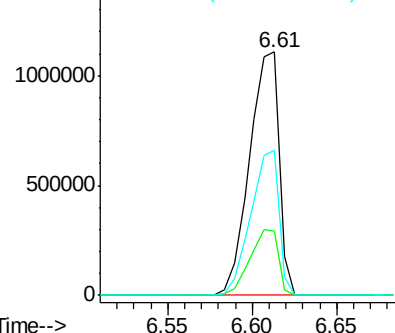
71 59.7 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.136 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

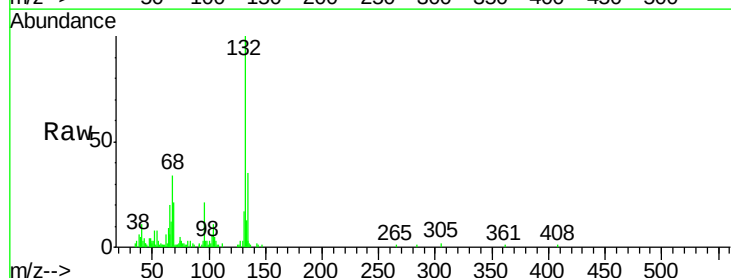
Tgt Ion: 128 Resp: 1296

Ion Ratio Lower Upper

128 100

130 83.9 13.0 53.0#

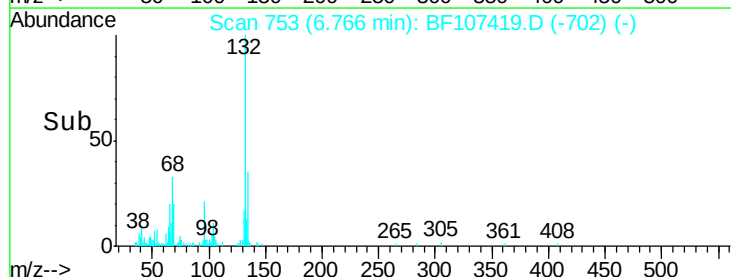
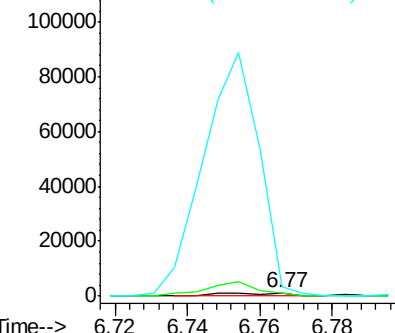
64 281.1 29.4 69.4#

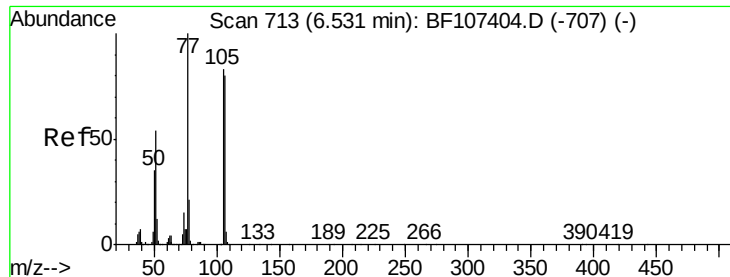


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.173 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.22 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

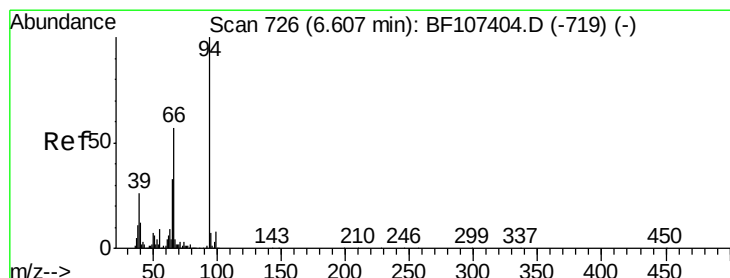
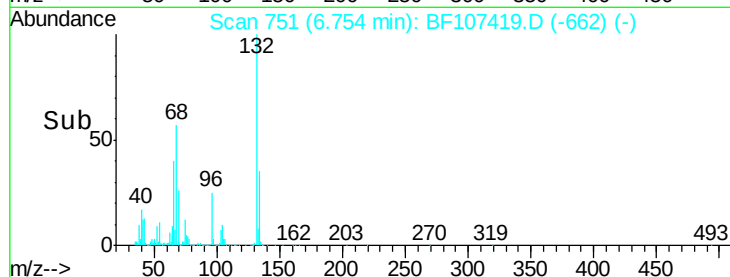
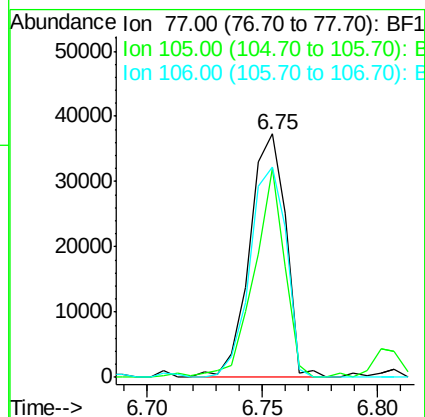
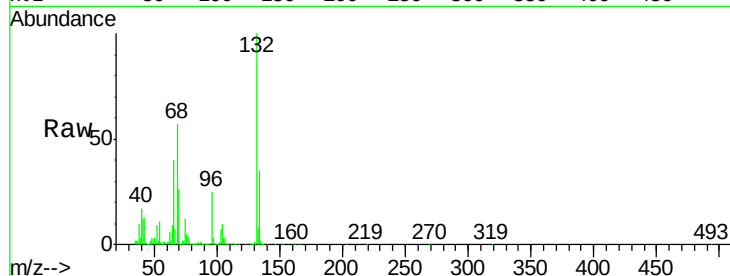
Tgt Ion: 77 Resp: 40879

Ion Ratio Lower Upper

77 100

105 85.7 81.1 121.1

106 86.3 74.5 114.5



#10

Phenol

Concen: 0.757 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

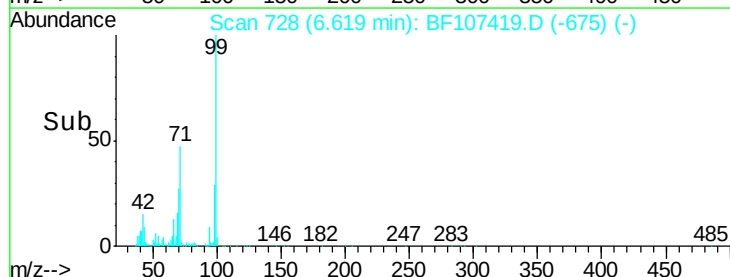
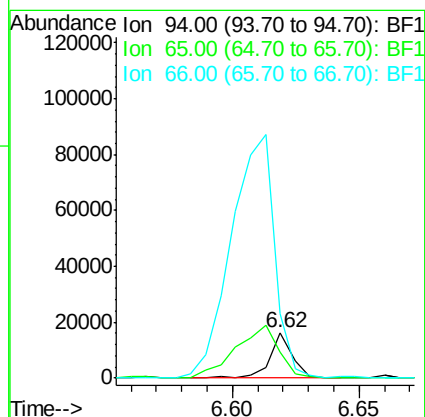
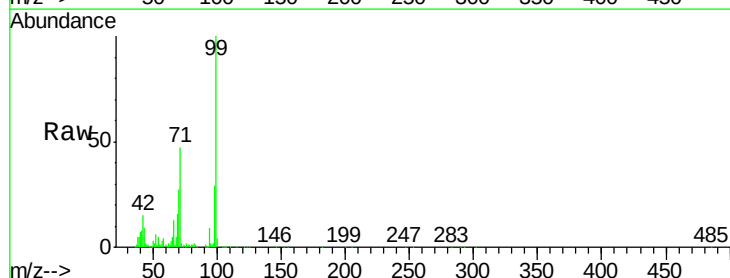
Tgt Ion: 94 Resp: 9881

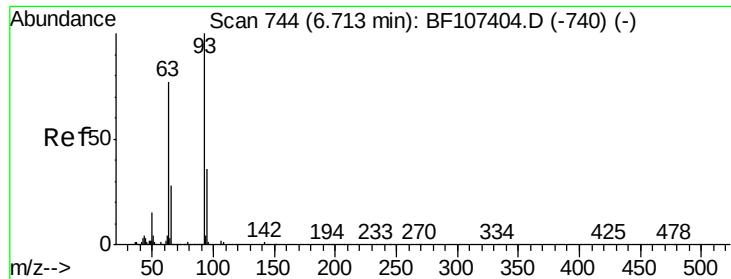
Ion Ratio Lower Upper

94 100

65 58.8 7.9 47.9#

66 141.1 16.2 56.2#

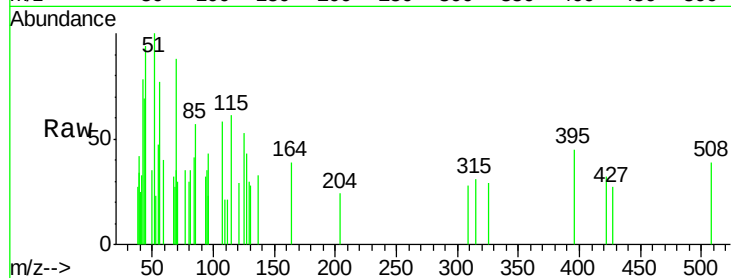




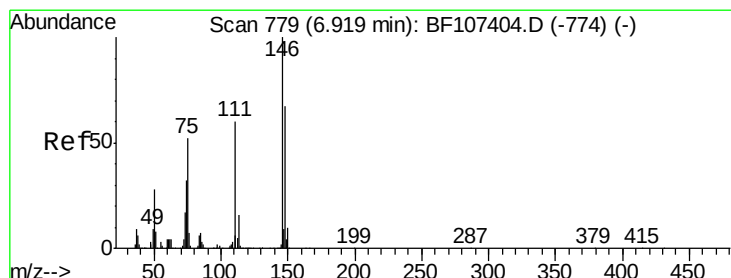
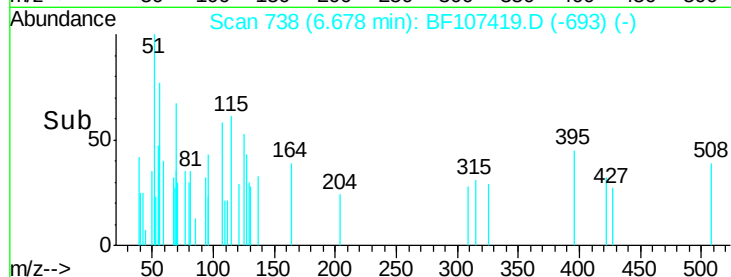
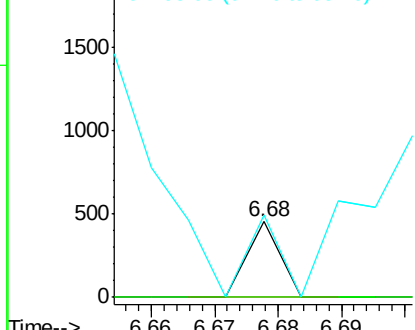
#11
bis(2-Chloroethyl)ether
Concen: 0.015 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.04 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DRUM-3

Tgt Ion: 93 Resp: 161
Ion Ratio Lower Upper
93 100
63 0.0 58.6 98.6#
95 182.5 11.8 51.8#

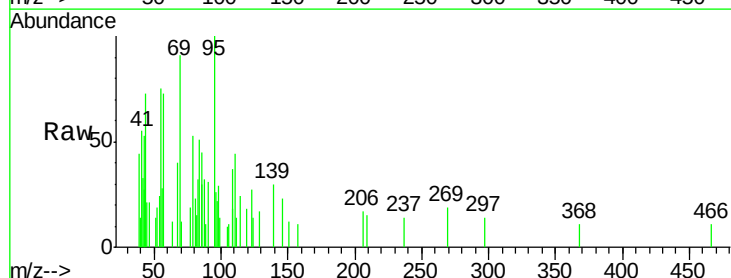


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

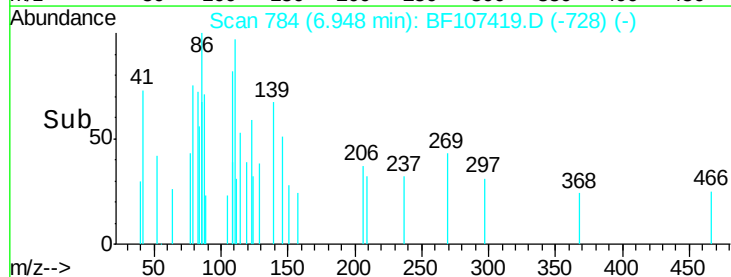
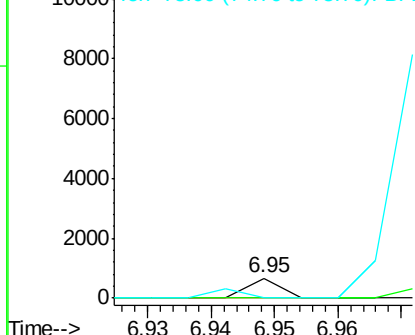


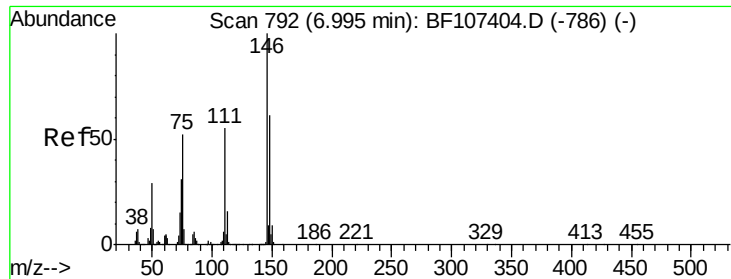
#12
1,3-Dichlorobenzene
Concen: 0.020 ng
RT: 6.95 min Scan# 784
Delta R.T. 0.03 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion: 146 Resp: 236
Ion Ratio Lower Upper
146 100
148 0.0 51.8 77.8#
75 0.0 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

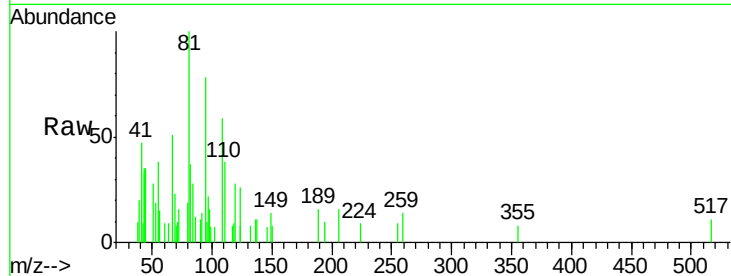




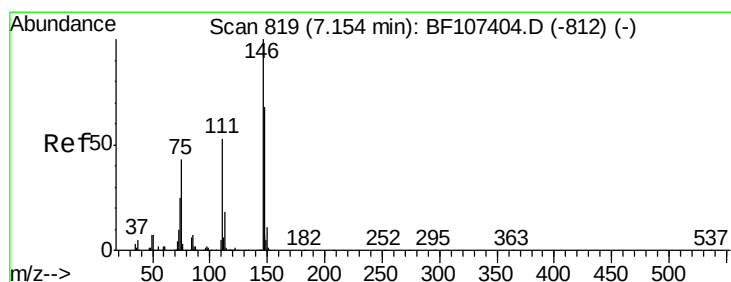
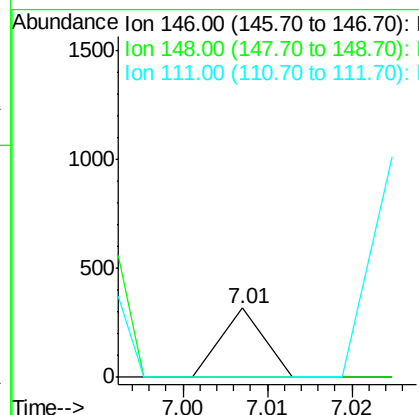
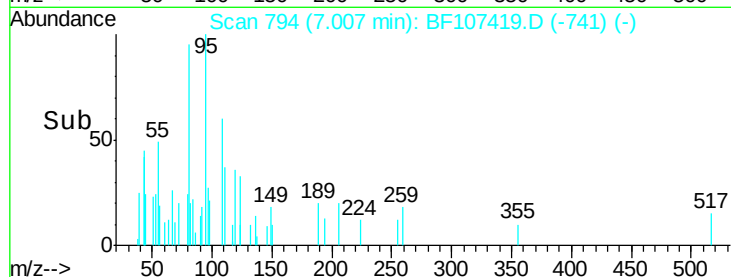
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 7.01 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

Tgt Ion:146 Resp: 113
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.8 76.2#
 111 0.0 34.2 51.2#

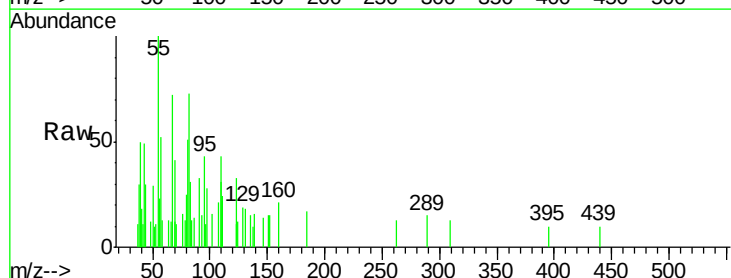


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

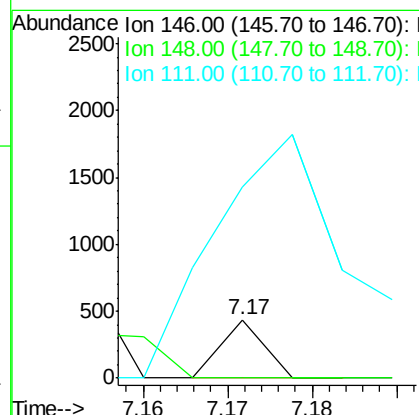
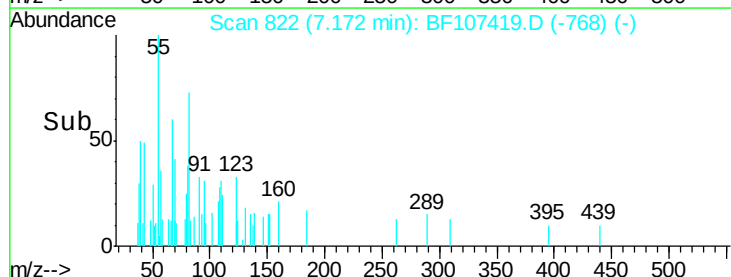


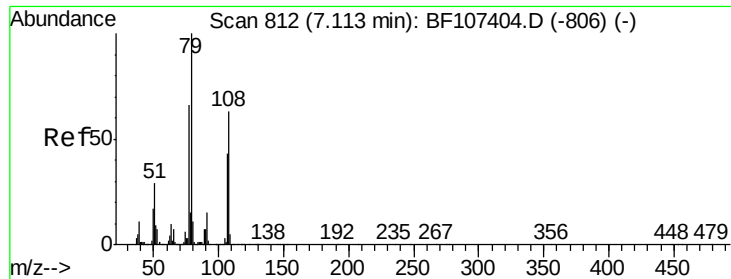
#14
 1,2-Dichlorobenzene
 Concen: 0.014 ng
 RT: 7.17 min Scan# 822
 Delta R.T. 0.02 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

Tgt Ion:146 Resp: 154
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.6 75.8#
 111 328.2 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: 1.983 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

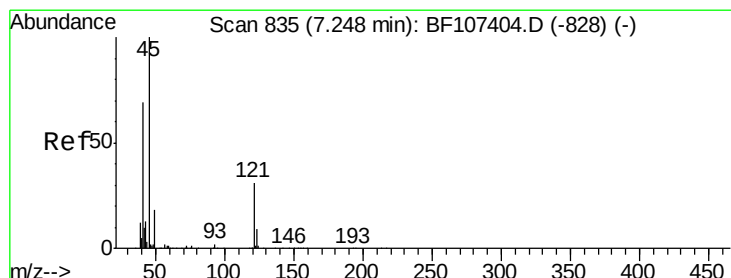
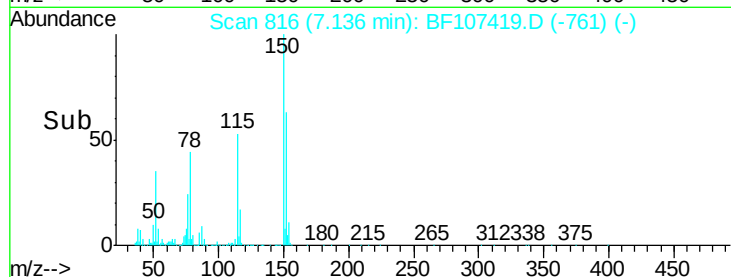
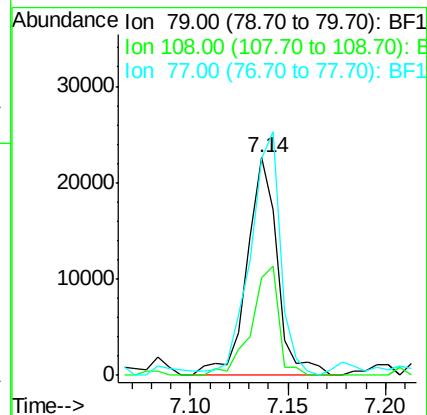
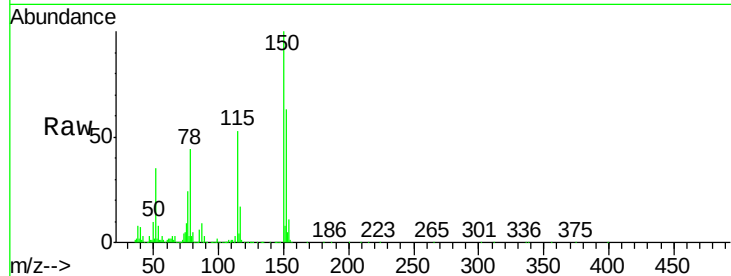
Tgt Ion: 79 Resp: 24254

Ion Ratio Lower Upper

79 100

108 44.8 65.1 97.7#

77 99.8 50.6 75.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.116 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

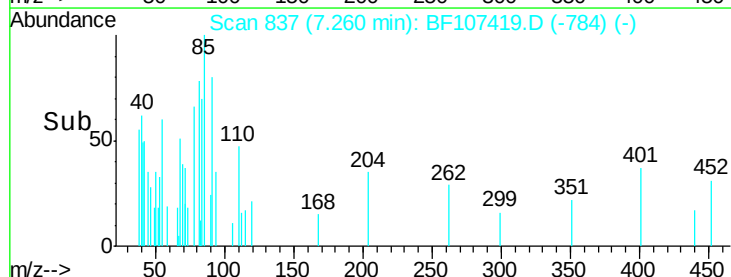
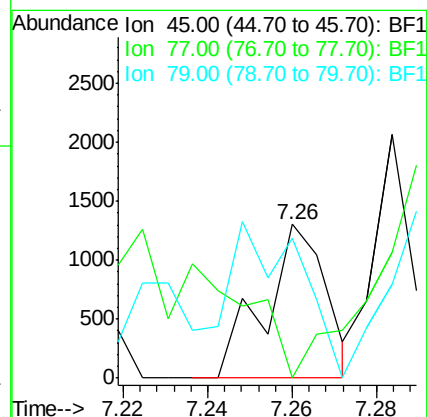
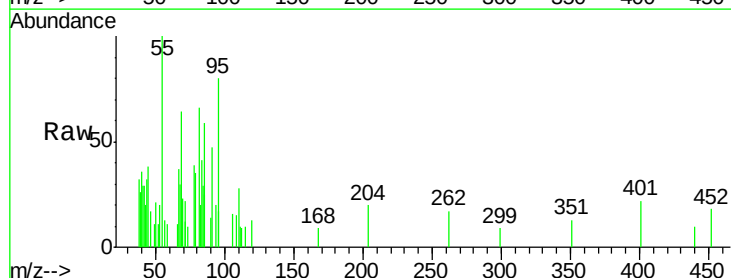
Tgt Ion: 45 Resp: 1316

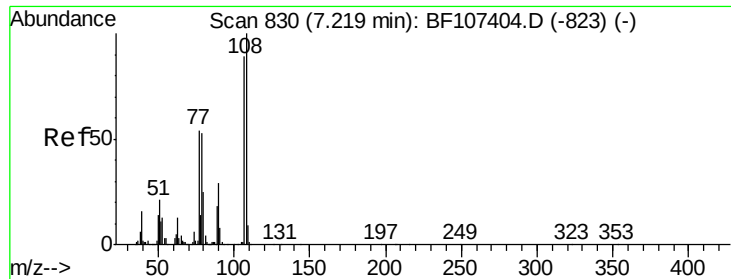
Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

79 90.7 0.0 29.6#





#17

2-Methylphenol

Concen: 0.042 ng

RT: 7.21 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

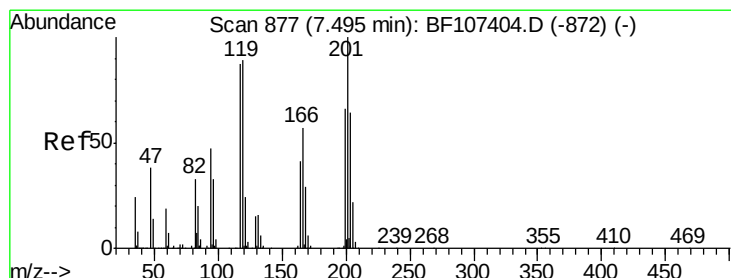
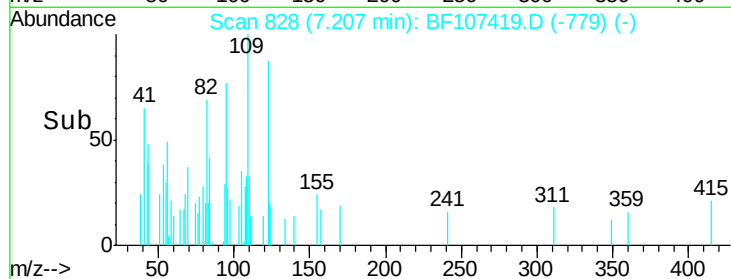
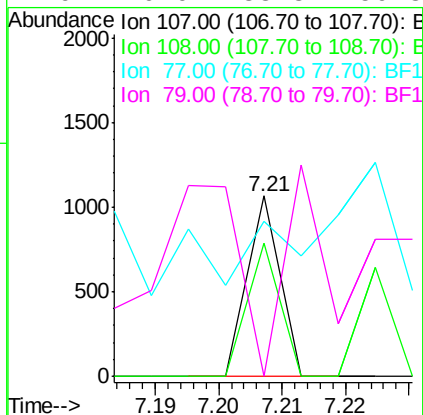
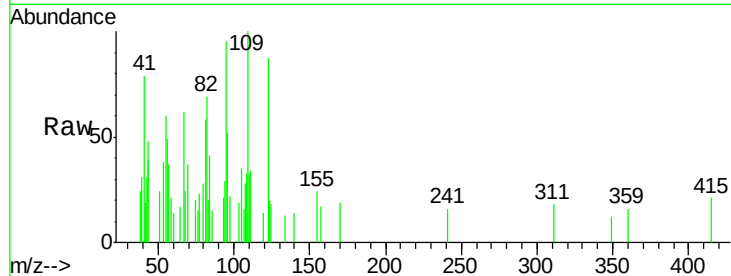
Instrument :

BNA_F

ClientSampleId :

DRUM-3

Tgt Ion:	107	Resp:	376
Ion	Ratio	Lower	Upper
107	100		
108	73.9	91.7	137.5#
77	86.2	33.8	50.8#
79	0.0	33.8	50.8#



#18

Hexachloroethane

Concen: 0.235 ng

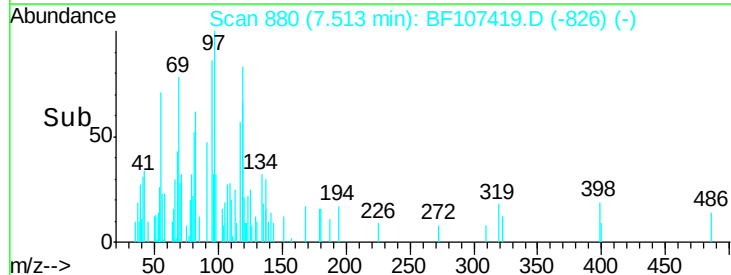
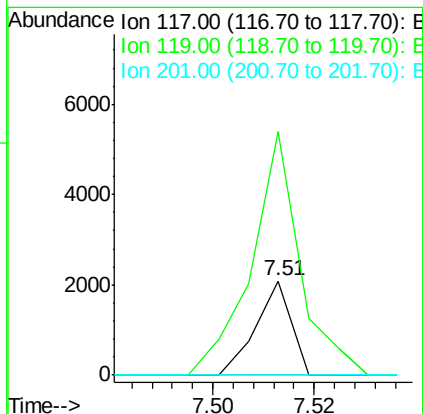
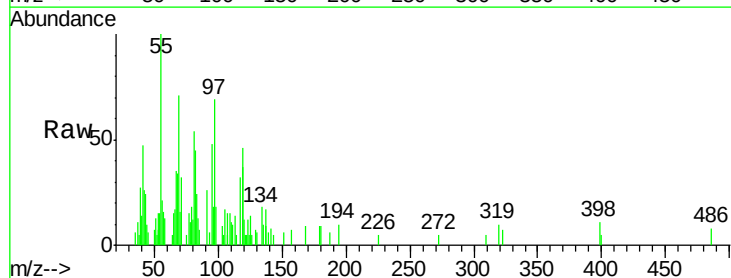
RT: 7.51 min Scan# 880

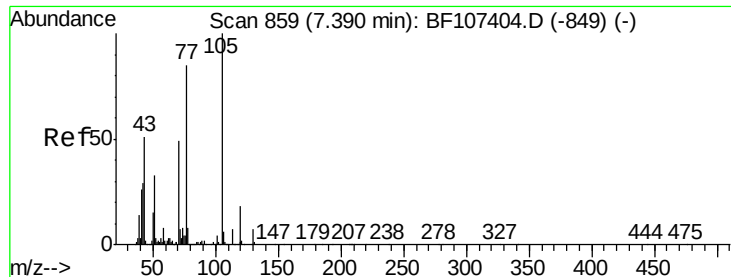
Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Tgt Ion:	117	Resp:	1001
Ion	Ratio	Lower	Upper
117	100		
119	259.3	75.8	113.8#
201	0.0	75.7	113.5#

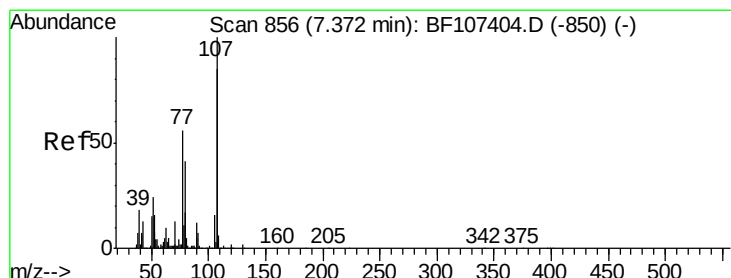
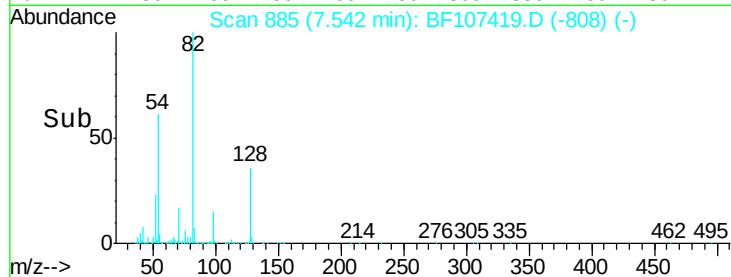
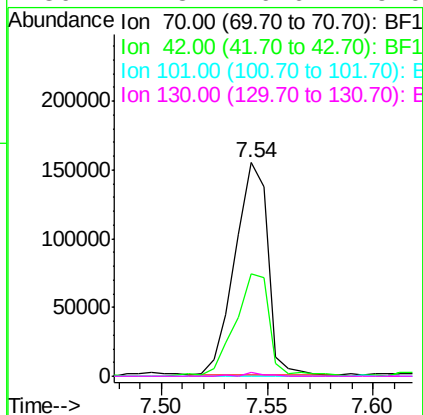
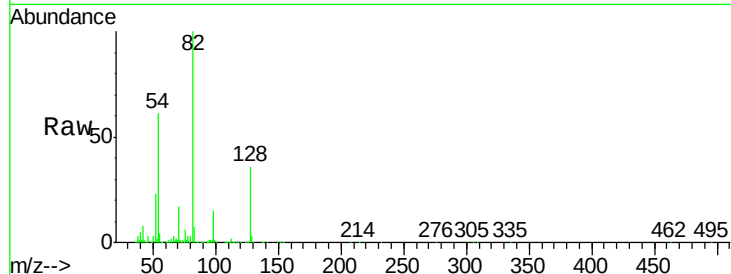




#19
n-Nitroso-di-n-propylamine
Concen: 19.212 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

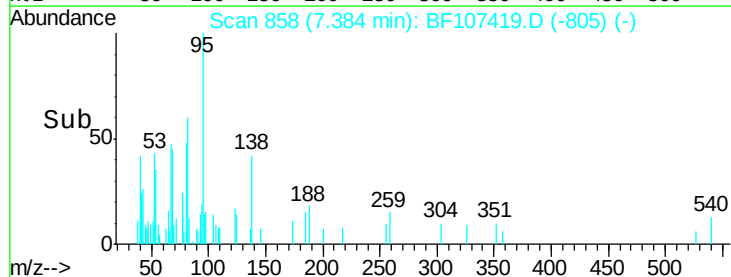
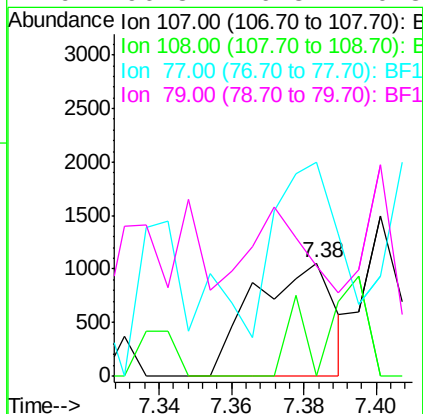
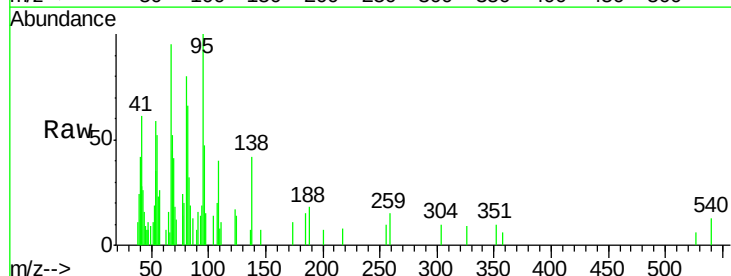
Instrument :
BNA_F
ClientSampleId :
DRUM-3

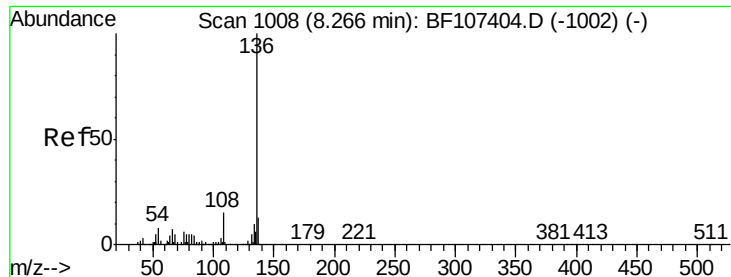
Tgt Ion: 70 Resp: 167514
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.141 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion: 107 Resp: 1622
Ion Ratio Lower Upper
107 100
108 0.0 68.2 108.2#
77 188.8 26.7 66.7#
79 96.8 6.3 46.3#

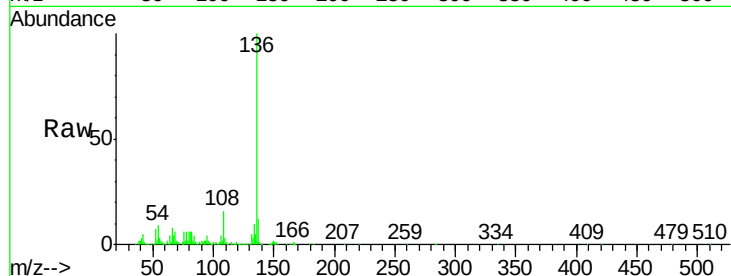




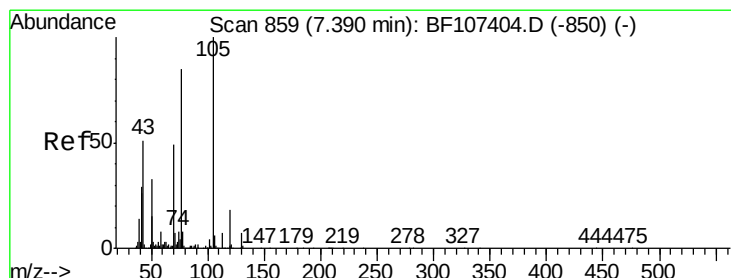
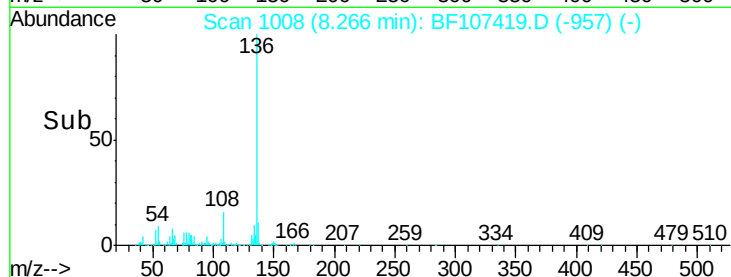
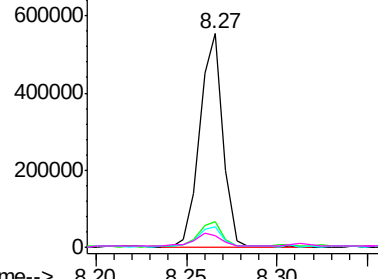
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DRUM-3

Tgt Ion:	136	Resp:	492096
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	9.4	6.6	9.8
68	5.5	5.0	7.4

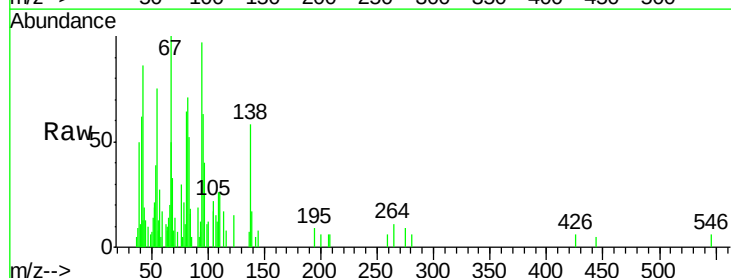


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

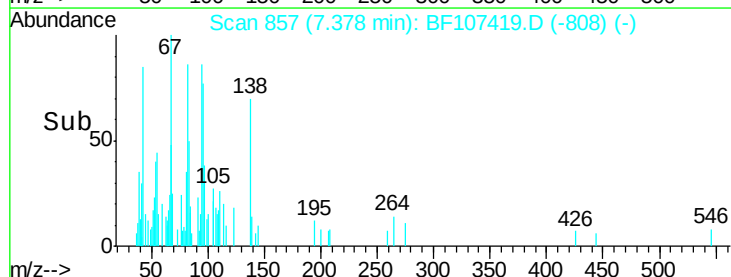
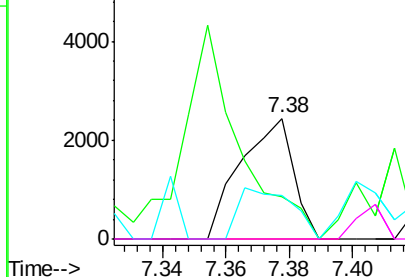


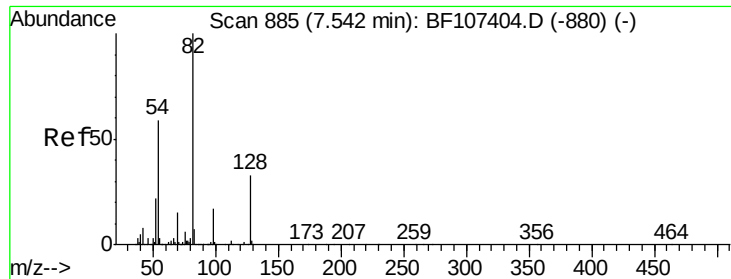
#22
Acetophenone
Concen: 0.209 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:	105	Resp:	2831
Ion	Ratio	Lower	Upper
105	100		
71	35.1	4.4	6.6#
51	35.7	22.3	33.5#
120	0.0	16.9	25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

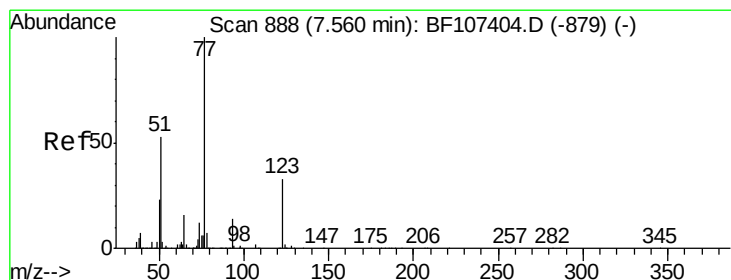
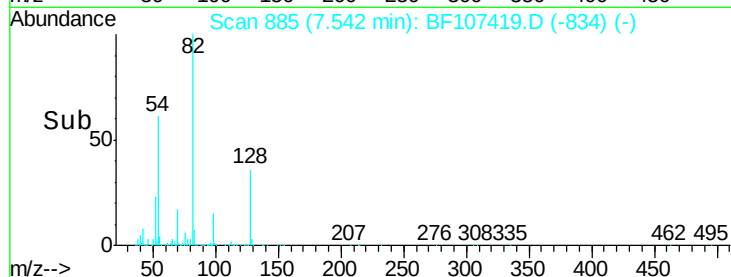
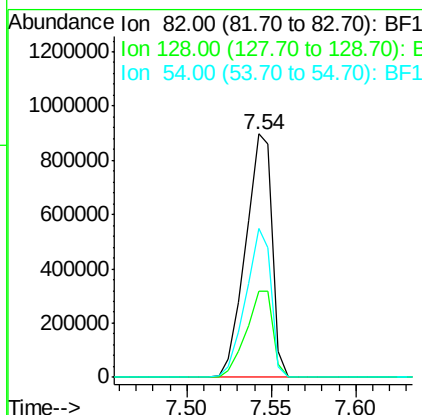
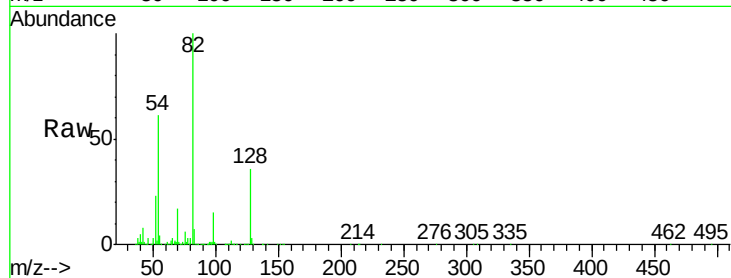




#23
 Nitrobenzene-d5
 Concen: 106.537 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

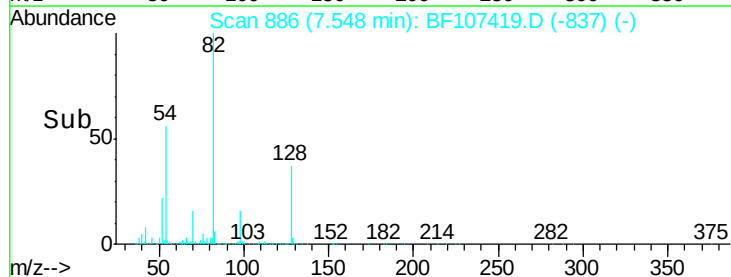
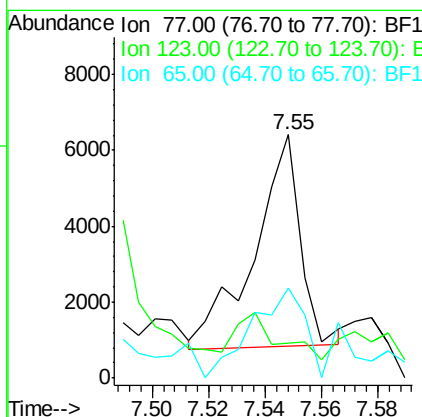
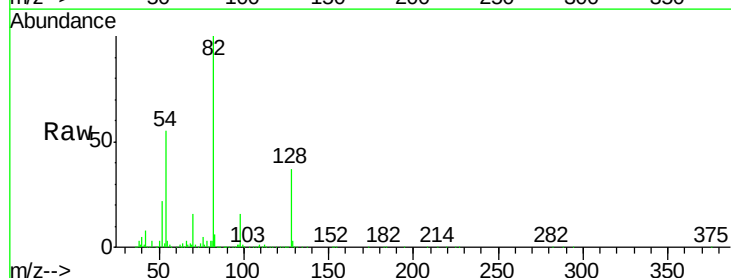
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

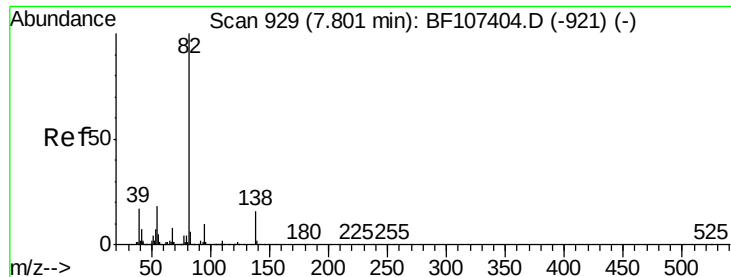
Tgt Ion: 82 Resp: 983163
 Ion Ratio Lower Upper
 82 100
 128 35.6 36.1 54.1#
 54 61.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 0.610 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

Tgt Ion: 77 Resp: 6322
 Ion Ratio Lower Upper
 77 100
 123 14.2 37.9 56.9#
 65 37.2 11.0 16.4#





#25

Isophorone

Concen: 53.687 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

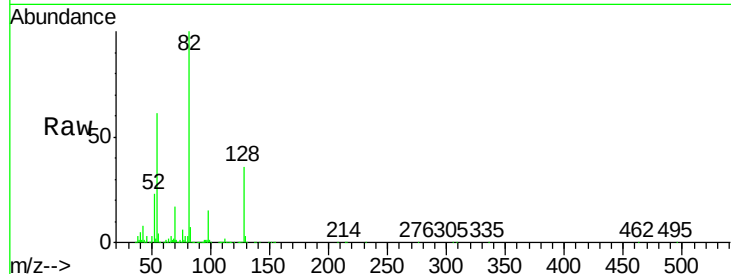
Tgt Ion: 82 Resp: 982034

Ion Ratio Lower Upper

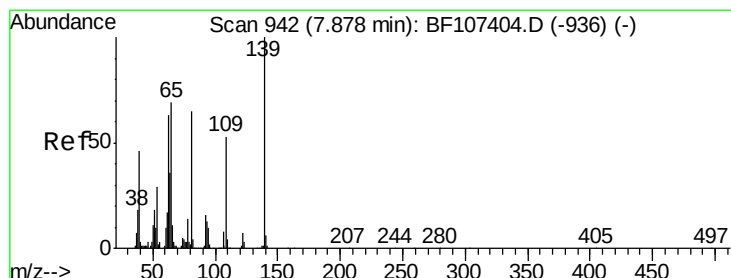
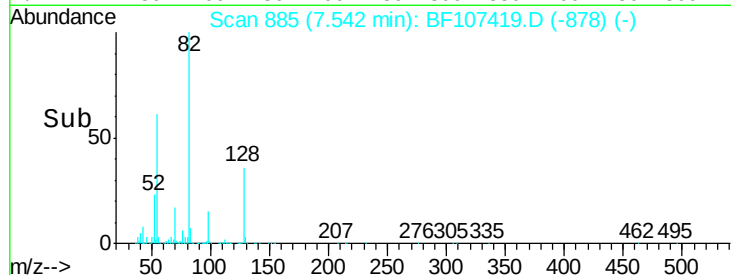
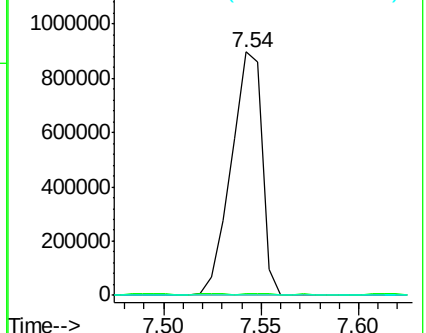
82 100

95 0.6 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.404 ng

RT: 7.89 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

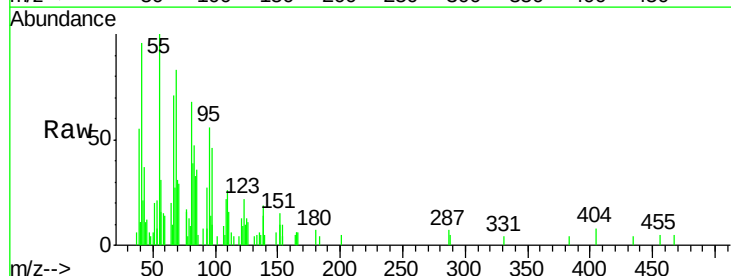
Tgt Ion: 139 Resp: 1425

Ion Ratio Lower Upper

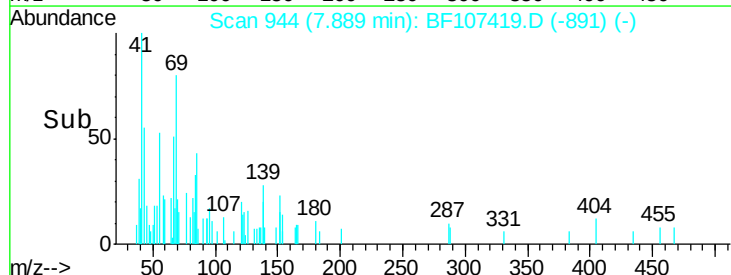
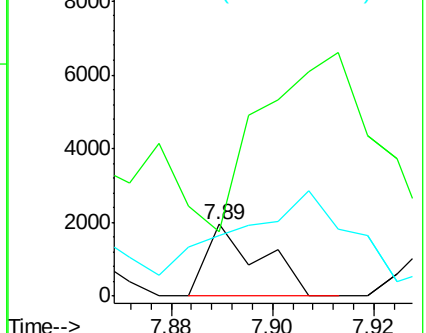
139 100

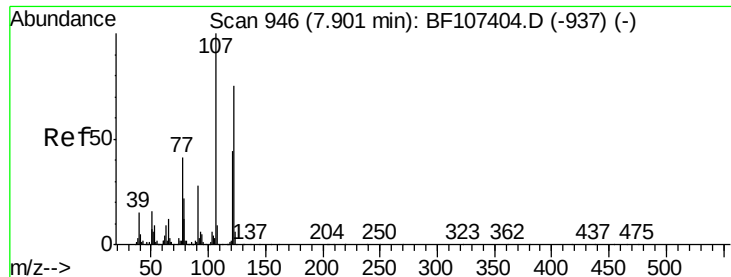
109 89.3 22.7 34.1#

65 84.0 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

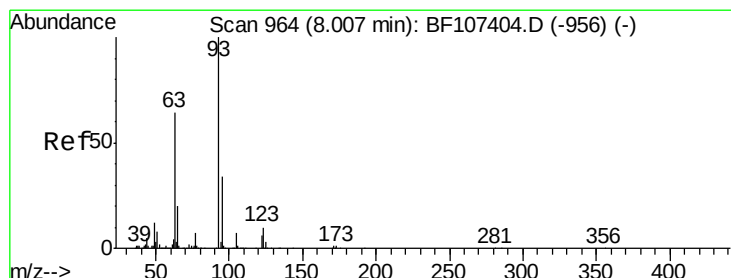
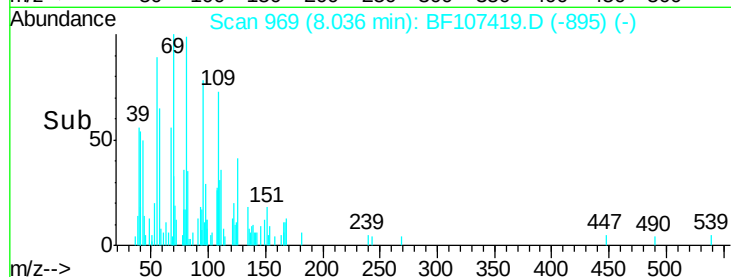
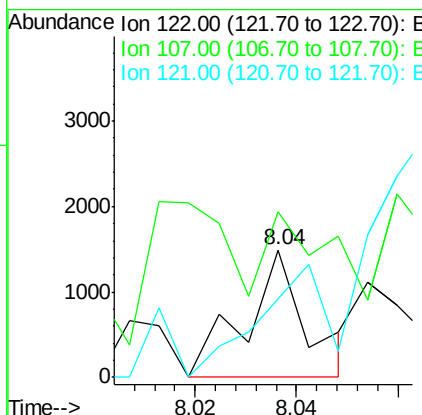
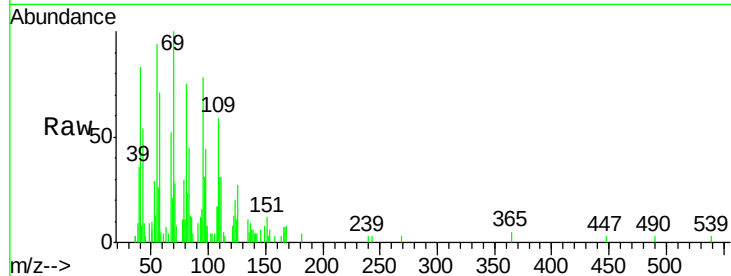




#27
2,4-Dimethylphenol
Concen: 0.168 ng
RT: 8.04 min Scan# 969
Delta R.T. 0.14 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

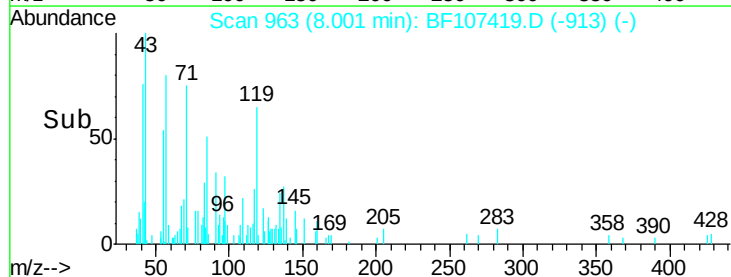
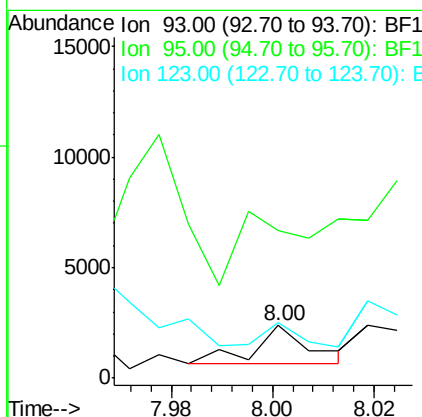
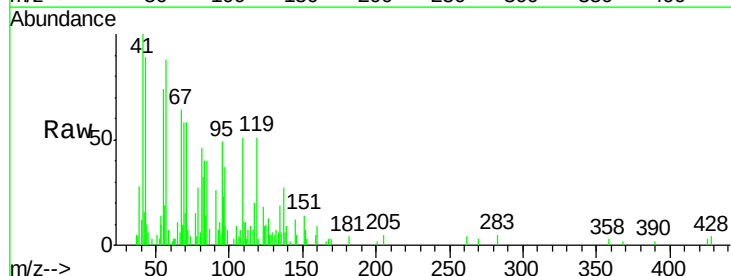
Instrument :
BNA_F
ClientSampleId :
DRUM-3

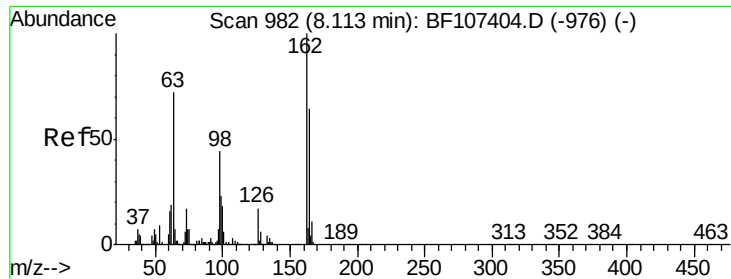
Tgt Ion:122 Resp: 1238
Ion Ratio Lower Upper
122 100
107 129.5 91.2 136.8
121 61.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 0.111 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion: 93 Resp: 1272
Ion Ratio Lower Upper
93 100
95 280.4 26.3 39.5#
123 105.9 9.8 14.6#





#29

2,4-Dichlorophenol

Concen: 0.195 ng

RT: 8.11 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

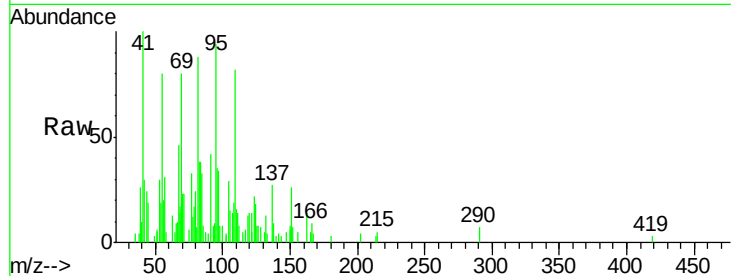
BNA_F

ClientSampleId :

DRUM-3

Tgt Ion:162 Resp: 1494

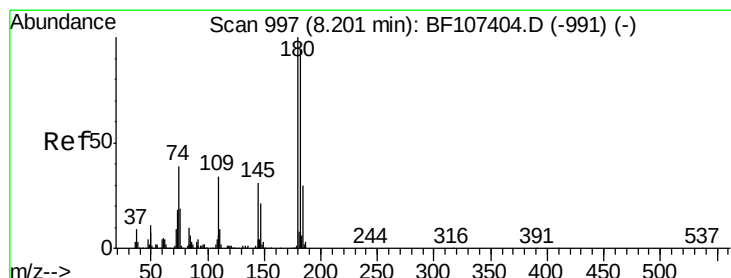
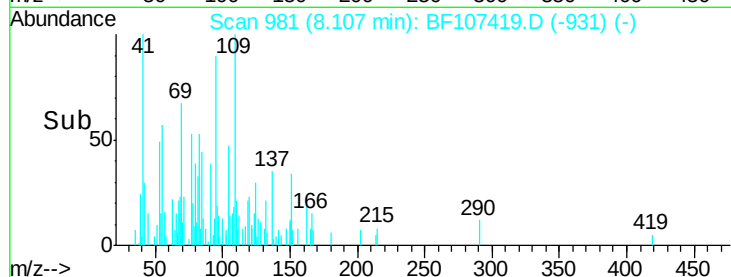
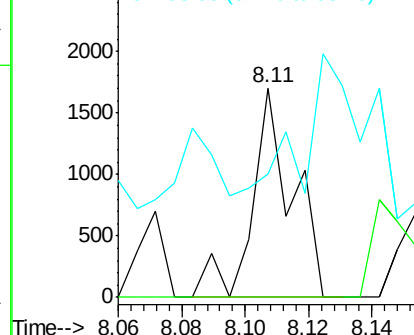
Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.7	82.7#
98	58.7	18.1	58.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 0.431 ng

RT: 8.20 min Scan# 997

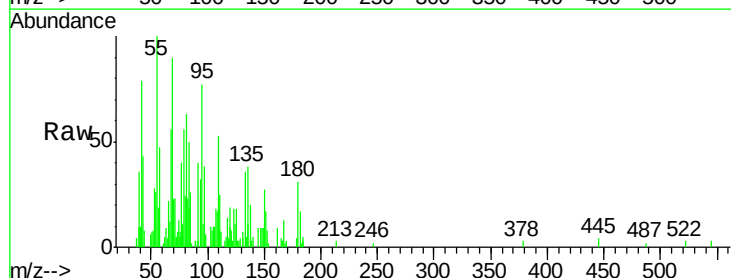
Delta R.T. -0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Tgt Ion:180 Resp: 3990

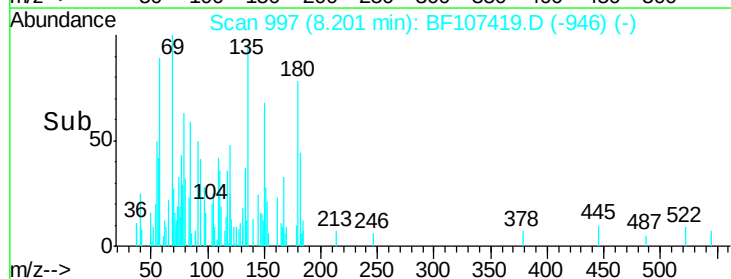
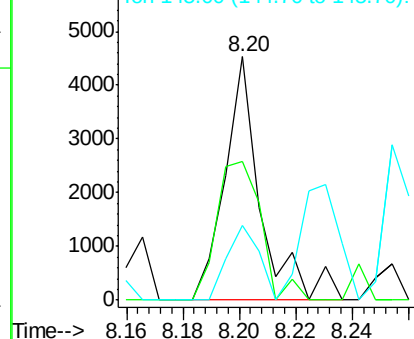
Ion	Ratio	Lower	Upper
180	100		
182	56.8	76.8	115.2#
145	30.5	26.5	39.7

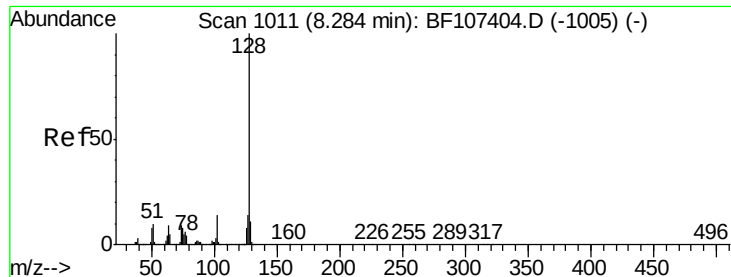


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

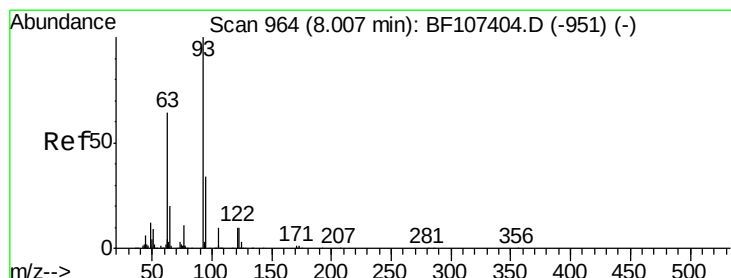
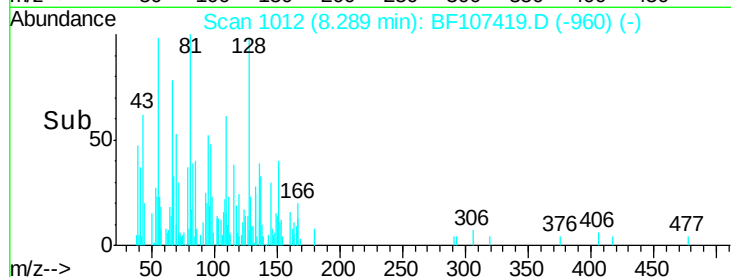
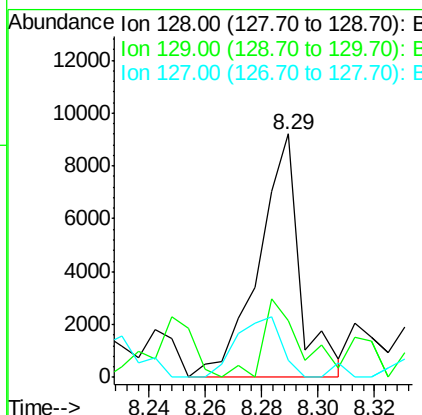
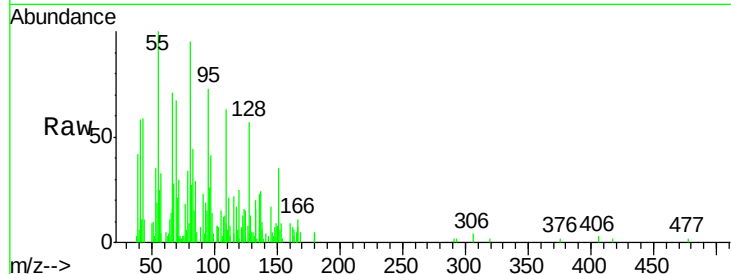




#31
Naphthalene
Concen: 0.391 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

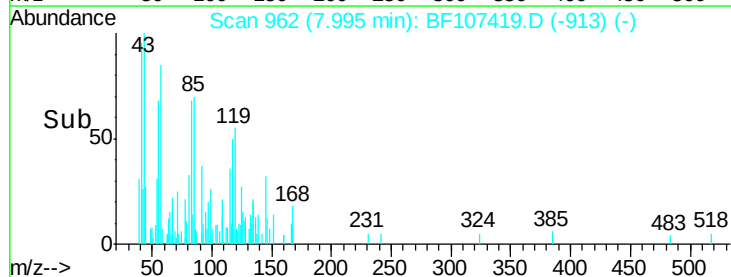
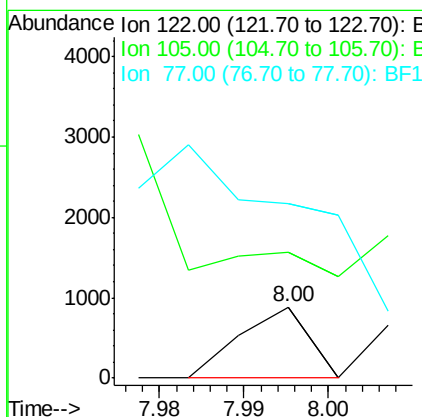
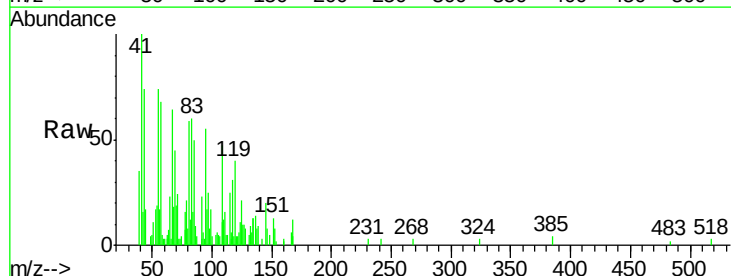
Instrument :
BNA_F
ClientSampleId :
DRUM-3

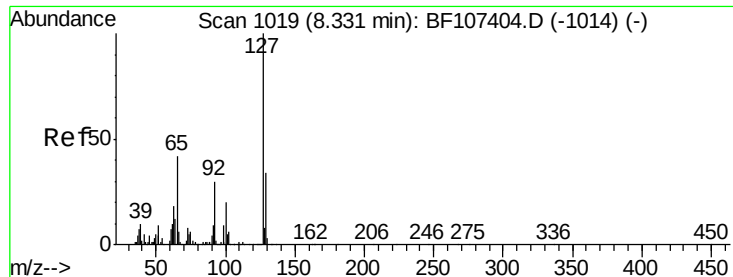
Tgt Ion:128 Resp: 9352
Ion Ratio Lower Upper
128 100
129 23.2 8.8 13.2#
127 6.8 10.9 16.3#



#32
Benzoic acid
Concen: 0.111 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:122 Resp: 502
Ion Ratio Lower Upper
122 100
105 177.2 101.1 141.1#
77 244.7 70.7 110.7#

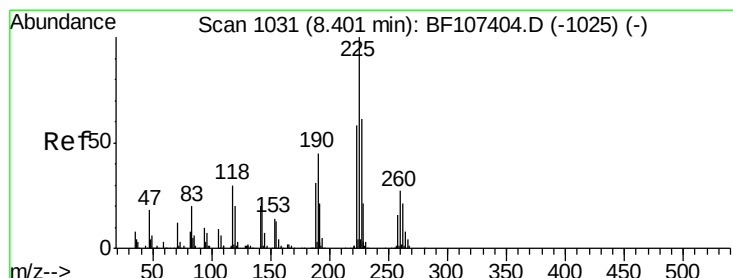
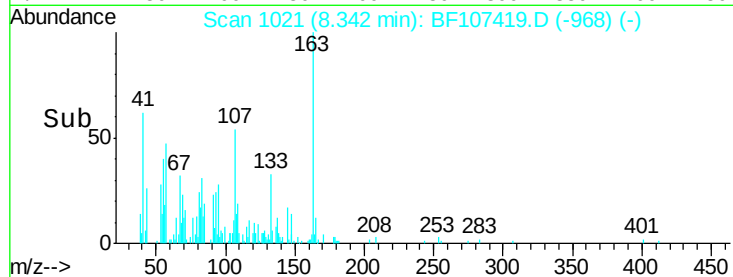
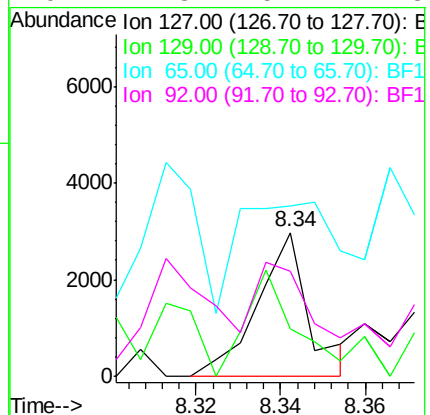
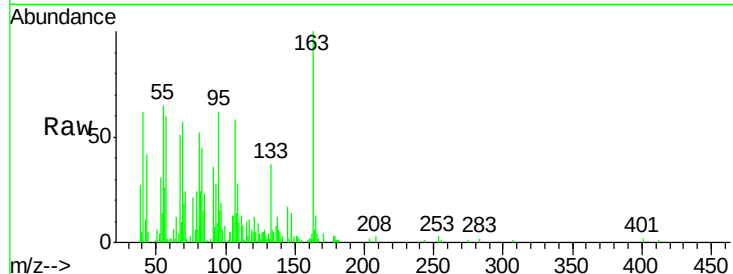




#33
4-Chloroaniline
Concen: 0.241 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

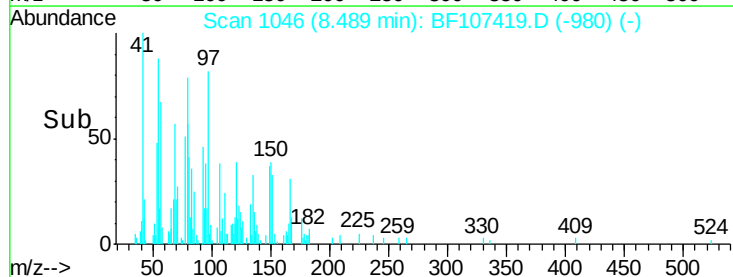
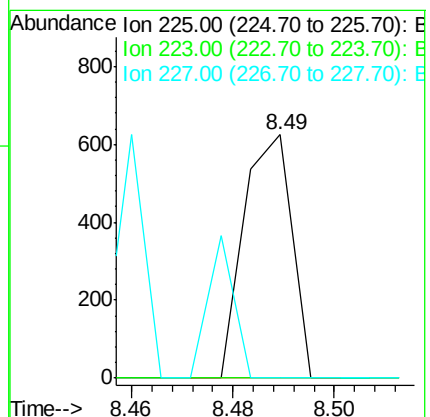
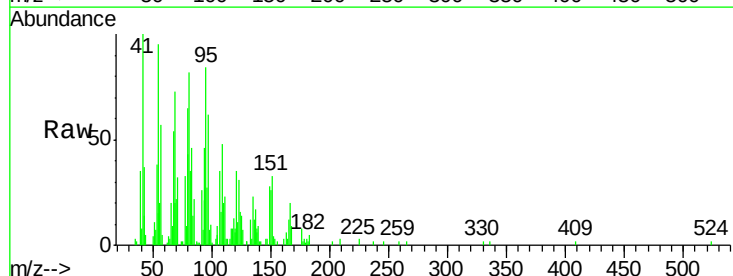
Instrument :
BNA_F
ClientSampleId :
DRUM-3

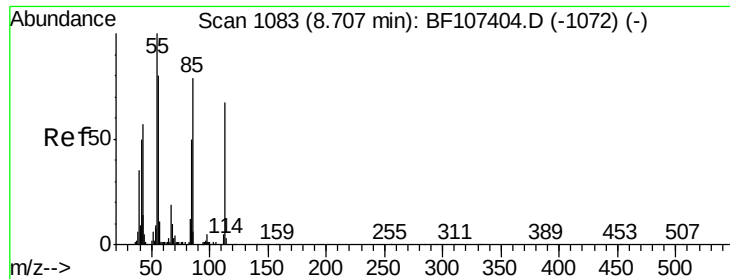
Tgt Ion:127 Resp: 2499
Ion Ratio Lower Upper
127 100
129 33.2 25.9 38.9
65 119.0 25.0 37.4#
92 72.8 15.2 22.8#



#34
Hexachlorobutadiene
Concen: 0.066 ng
RT: 8.49 min Scan# 1046
Delta R.T. 0.09 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:225 Resp: 410
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 0.0 51.9 77.9#

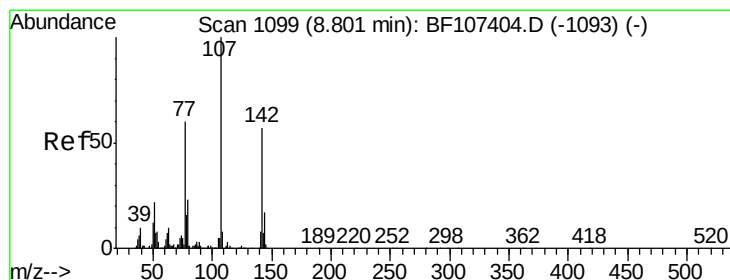
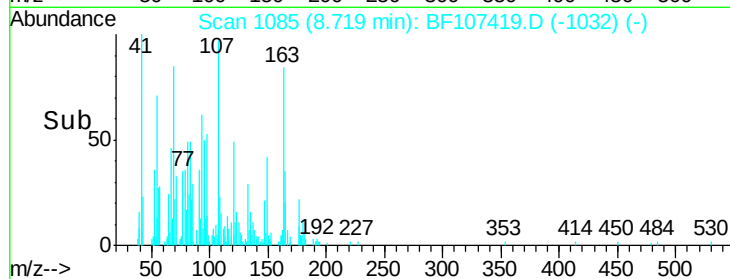
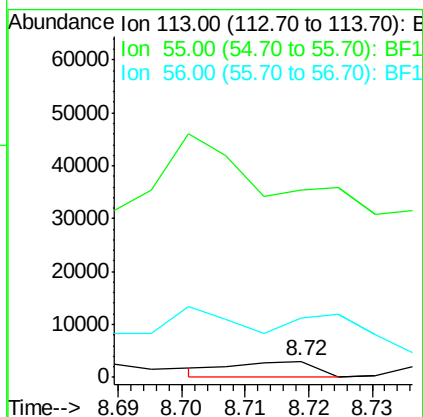
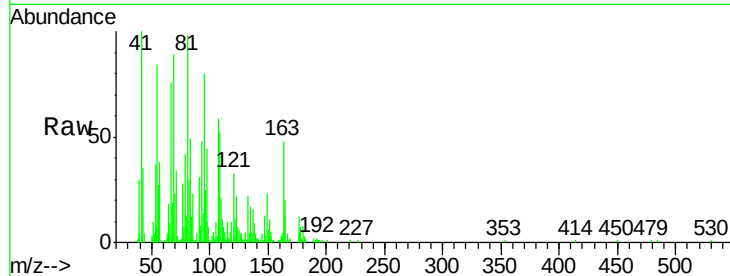




#35
 Caprolactam
 Concen: 1.123 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

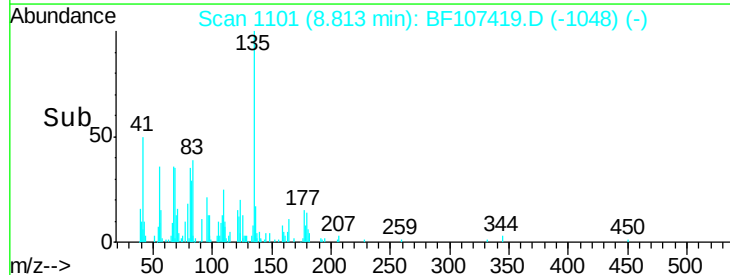
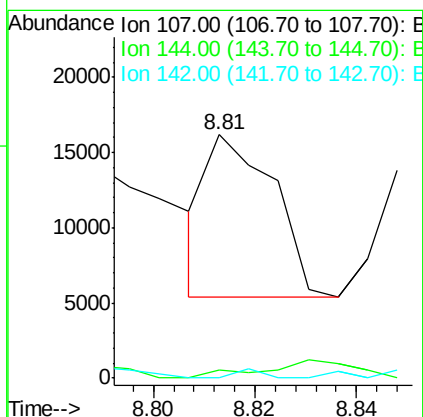
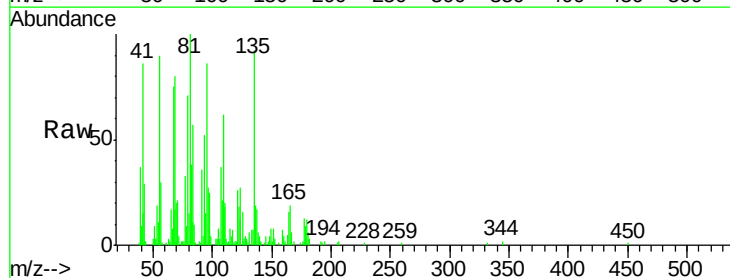
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

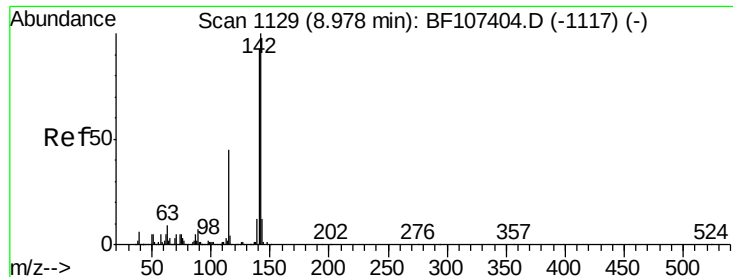
Tgt Ion:113 Resp: 2795
 Ion Ratio Lower Upper
 113 100
 55 1142.8 163.3 203.3#
 56 365.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 0.982 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

Tgt Ion:107 Resp: 9814
 Ion Ratio Lower Upper
 107 100
 144 3.2 20.5 30.7#
 142 0.0 62.0 93.0#

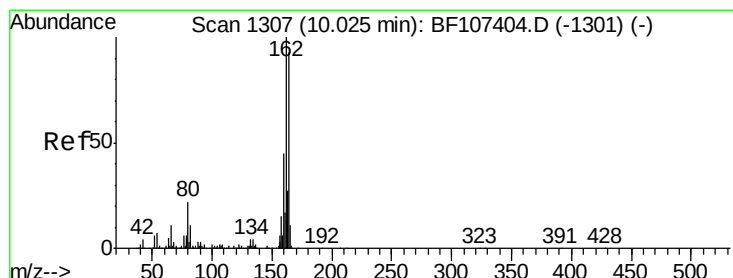
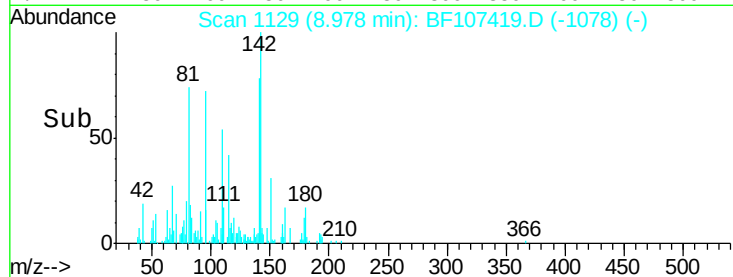
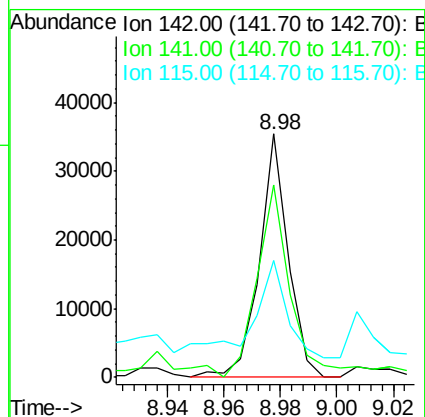
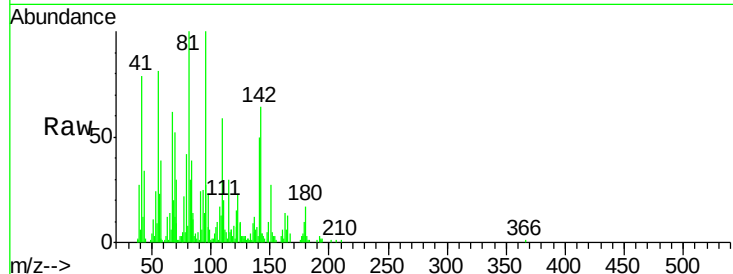




#37
2-Methylnaphthalene
Concen: 1.591 ng
RT: 8.98 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

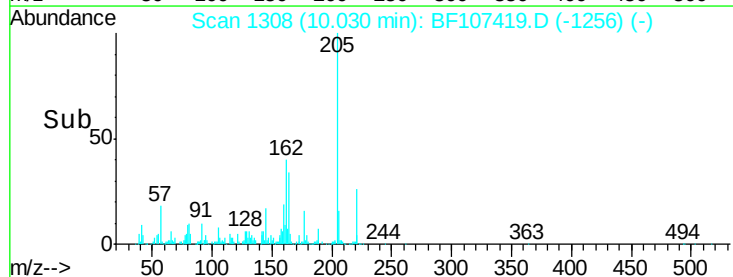
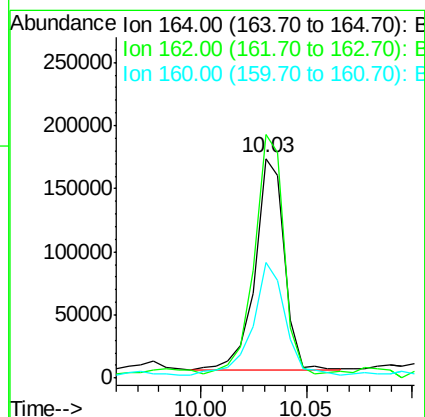
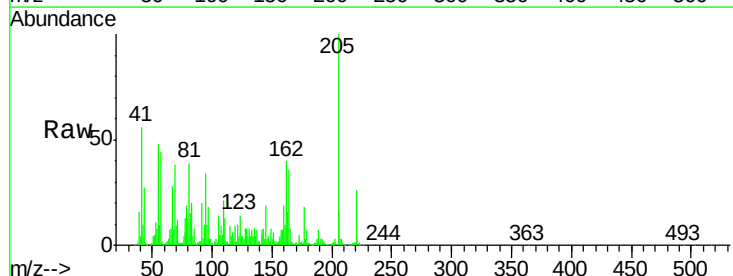
Instrument :
BNA_F
ClientSampleId :
DRUM-3

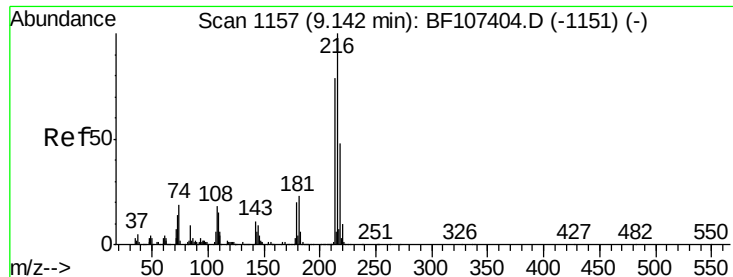
Tgt Ion:142 Resp: 25072
Ion Ratio Lower Upper
142 100
141 79.0 70.8 106.2
115 47.8 26.1 39.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:164 Resp: 164077
Ion Ratio Lower Upper
164 100
162 110.7 86.1 129.1
160 52.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.128 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

Tgt Ion:216 Resp: 816

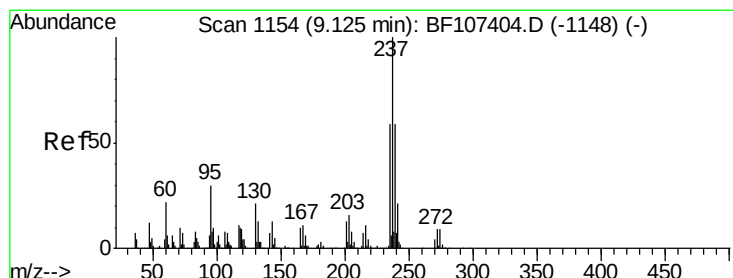
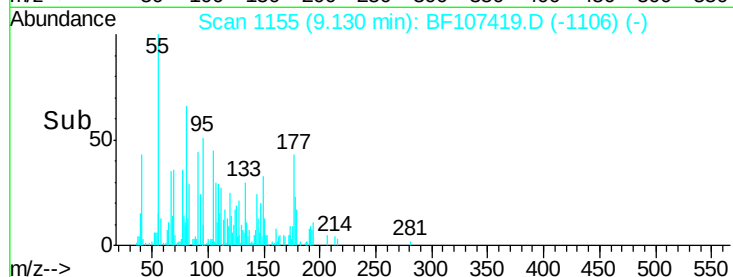
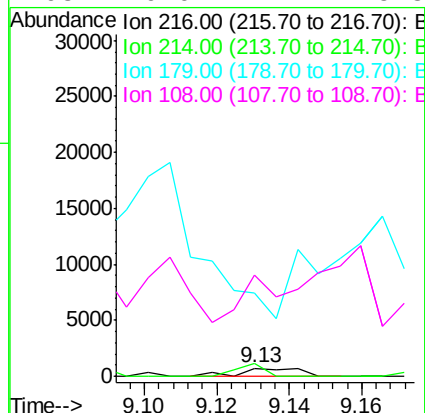
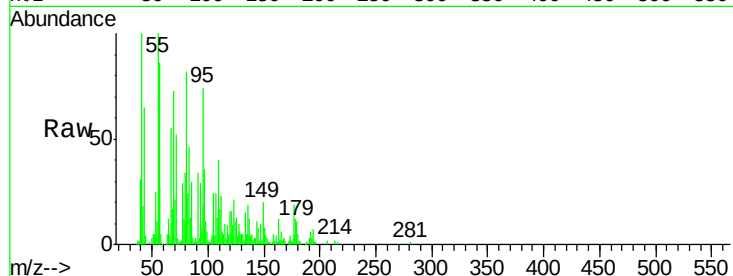
Ion Ratio Lower Upper

216 100

214 70.5 63.0 94.4

179 0.0 18.1 27.1#

108 0.0 17.2 25.8#



#40

Hexachlorocyclopentadiene

Concen: 0.061 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

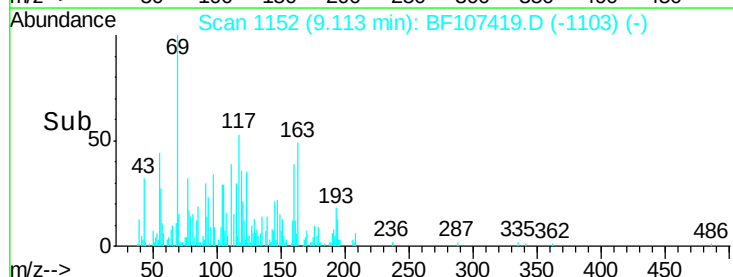
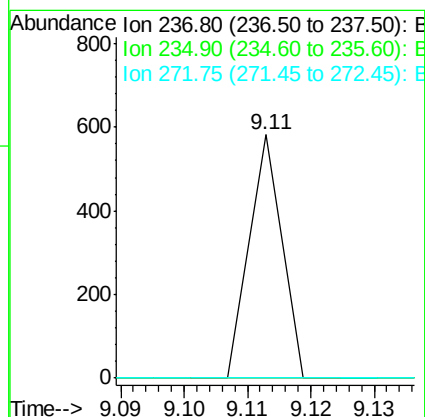
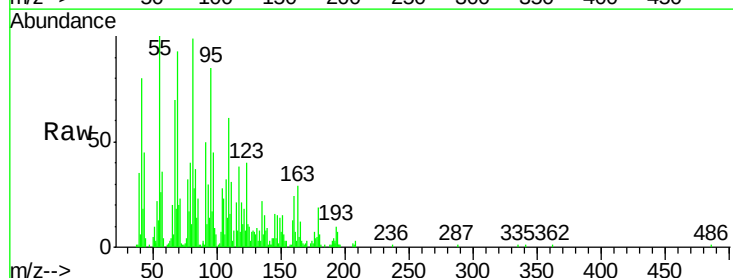
Tgt Ion:237 Resp: 205

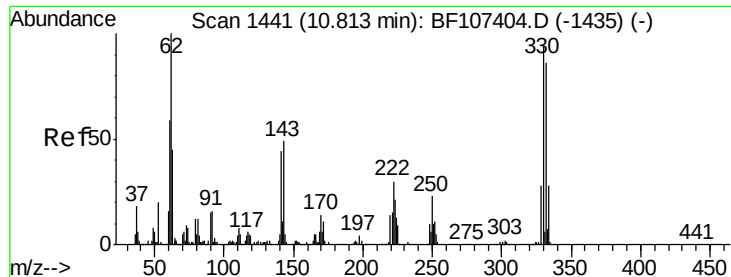
Ion Ratio Lower Upper

237 100

235 0.0 44.8 84.8#

272 0.0 0.0 33.3





#41

2,4,6-Tribromophenol

Concen: 113.997 ng

RT: 10.83 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampled :

DRUM-3

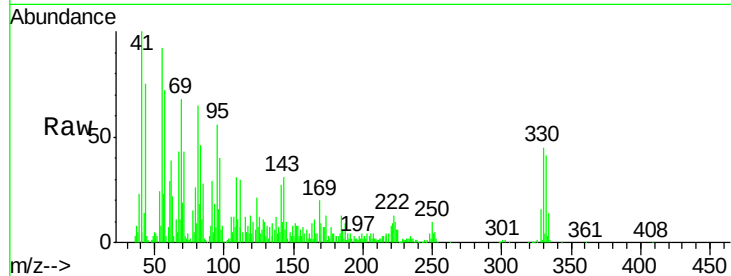
Tgt Ion:330 Resp: 164339

Ion Ratio Lower Upper

330 100

332 90.7 77.0 115.6

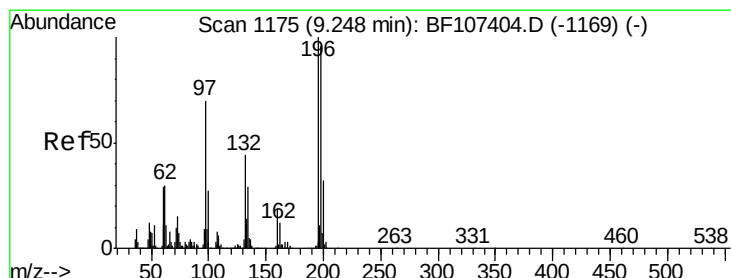
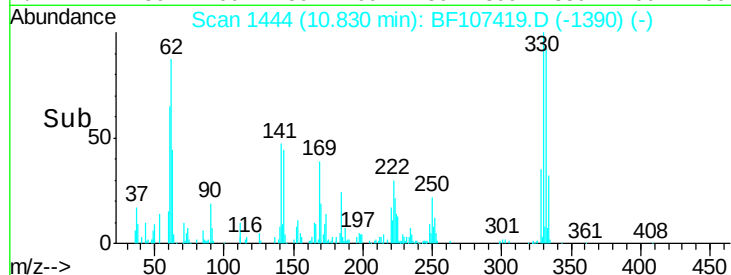
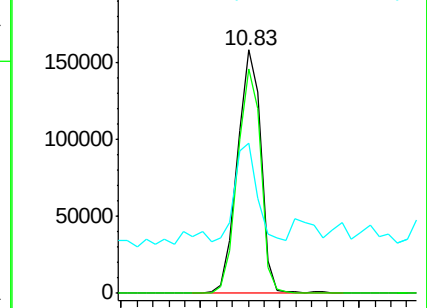
141 36.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 0.514 ng

RT: 9.27 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

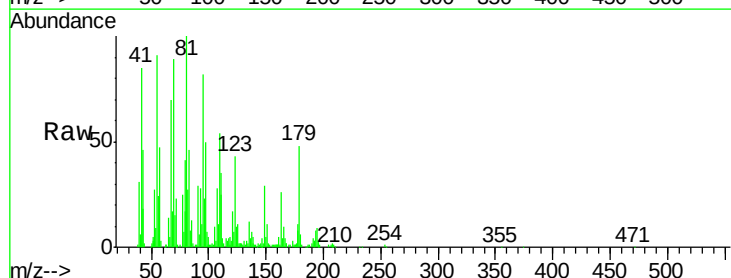
Tgt Ion:196 Resp: 2047

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

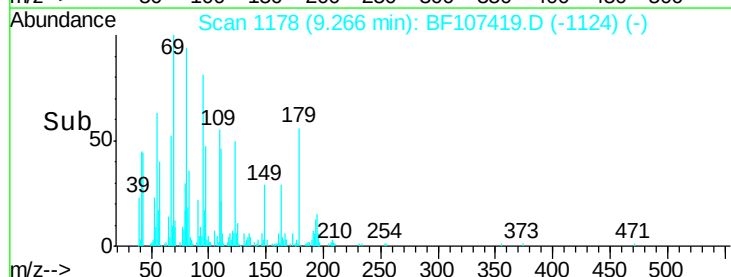
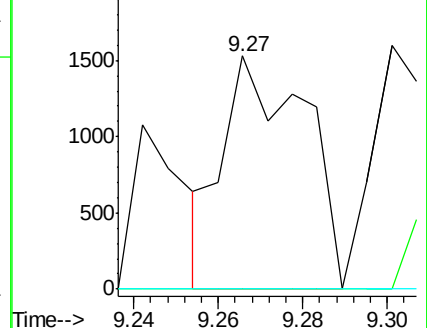
200 0.0 24.5 36.7#

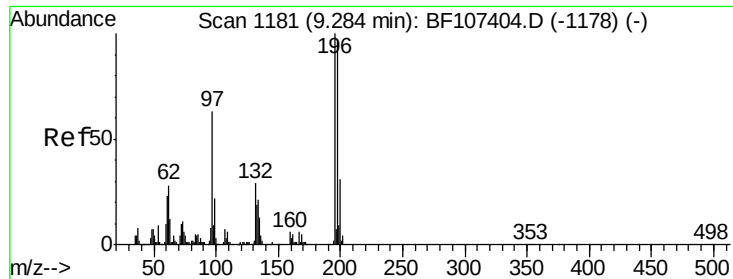


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

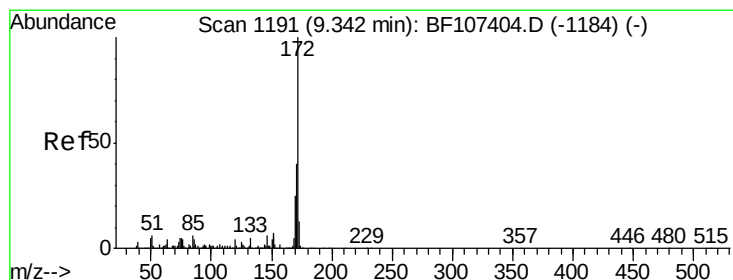
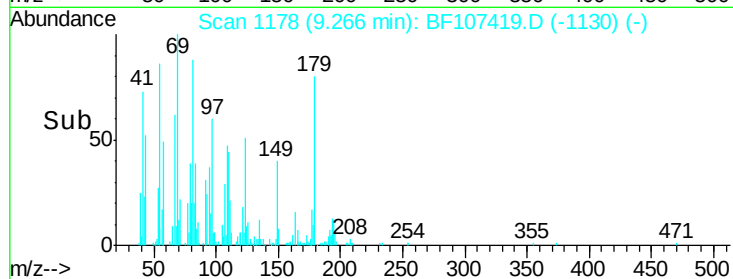
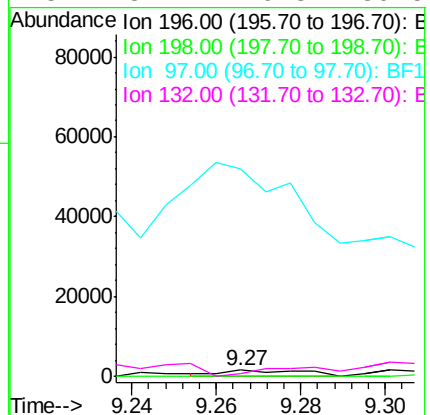
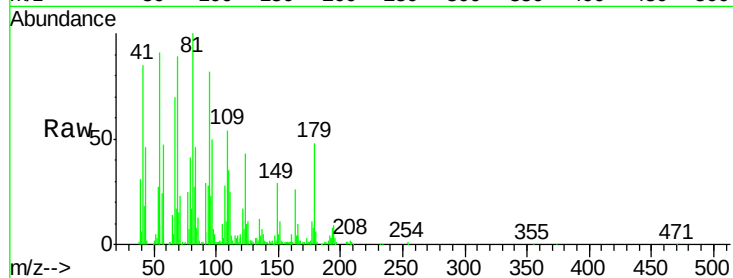




#43
2,4,5-Trichlorophenol
Concen: 0.537 ng
RT: 9.27 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

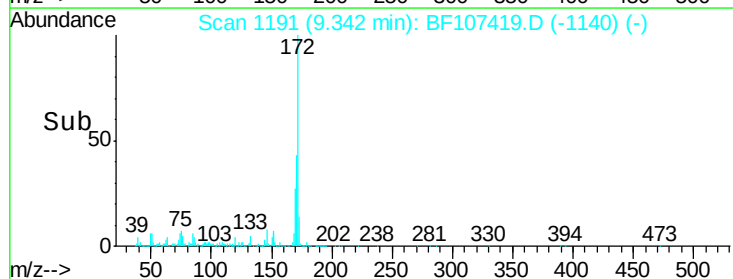
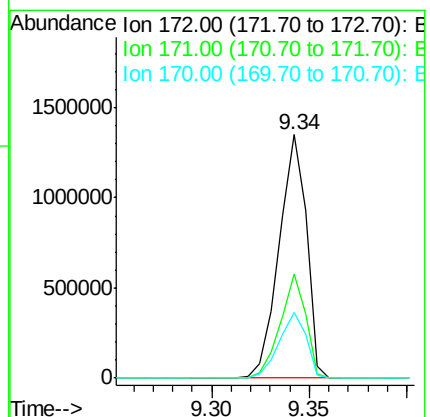
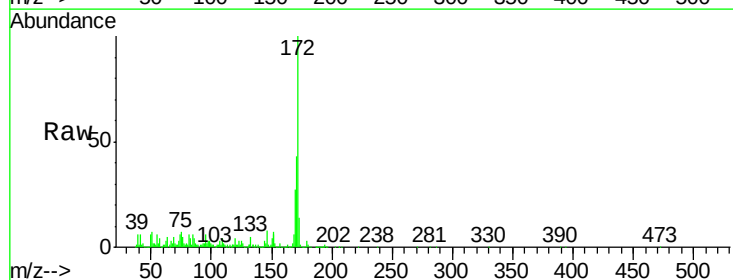
Instrument :
BNA_F
ClientSampleId :
DRUM-3

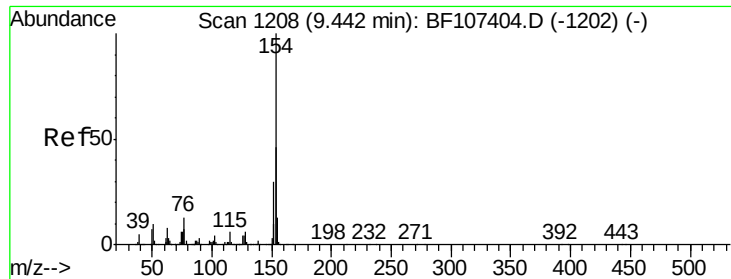
Tgt Ion:196 Resp: 2047
Ion Ratio Lower Upper
196 100
198 0.0 74.6 112.0#
97 3398.7 42.9 64.3#
132 34.2 26.3 39.5



#44
2-Fluorobiphenyl
Concen: 140.797 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:172 Resp: 1315509
Ion Ratio Lower Upper
172 100
171 42.8 29.7 44.5
170 26.8 19.6 29.4





#45

1,1'-Biphenyl

Concen: 1.120 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampled :

DRUM-3

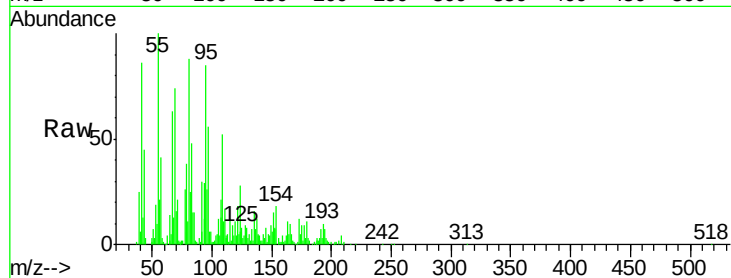
Tgt Ion:154 Resp: 15883

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

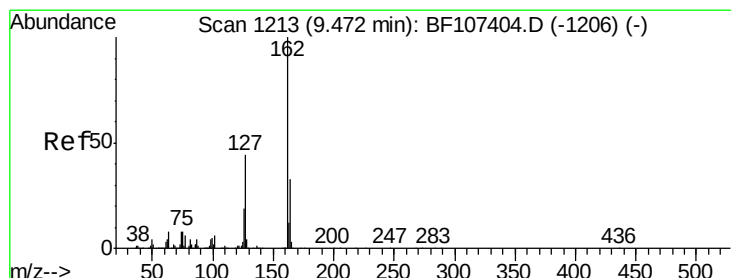
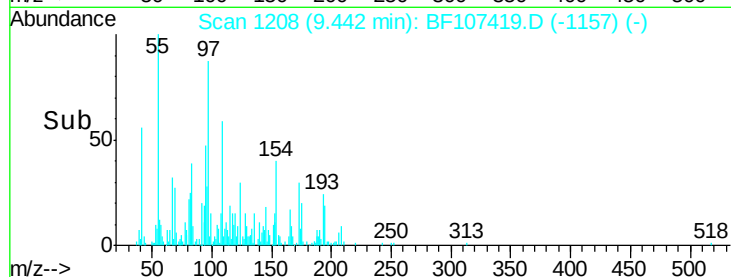
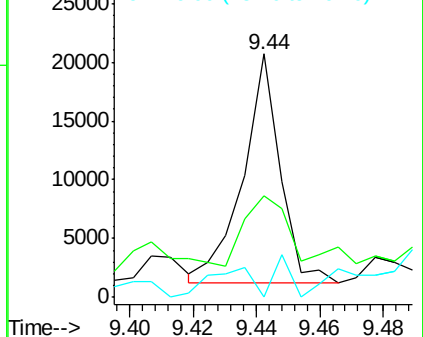
76 0.0 0.0 34.0



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: 0.362 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

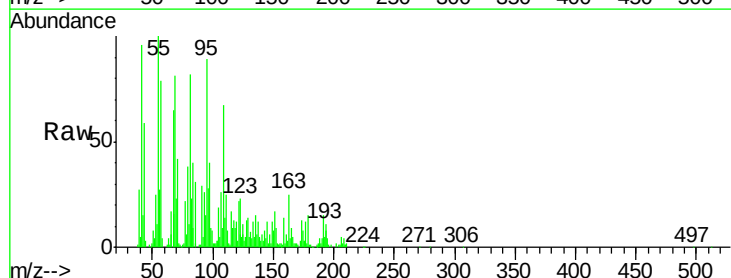
Tgt Ion:162 Resp: 4060

Ion Ratio Lower Upper

162 100

127 182.6 33.9 50.9#

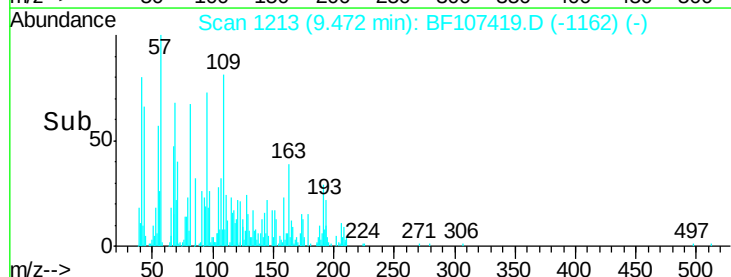
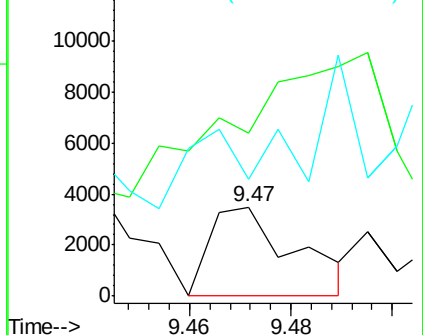
164 130.9 26.5 39.7#

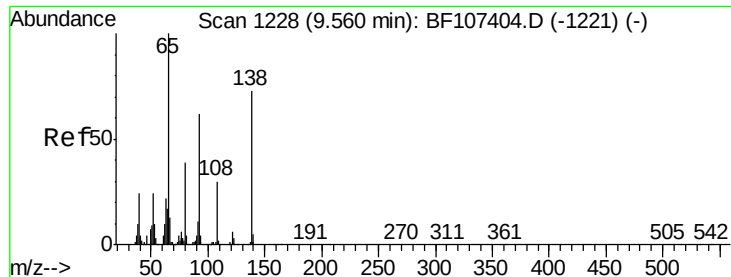


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 2.555 ng

RT: 9.57 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

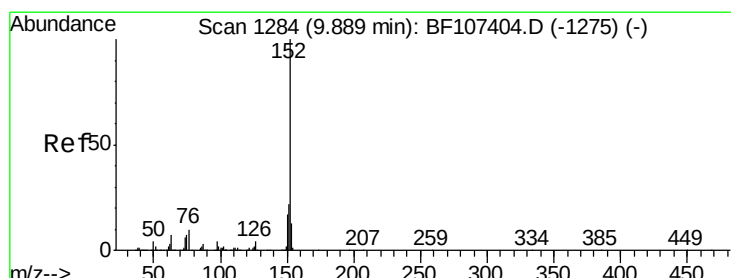
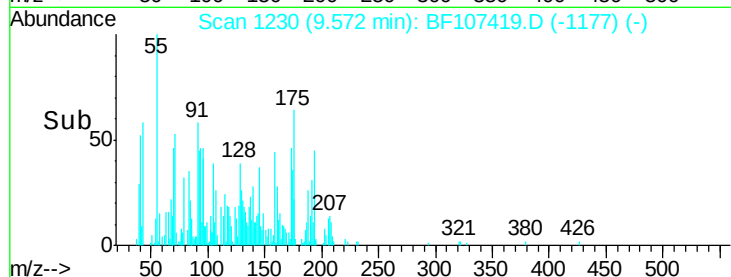
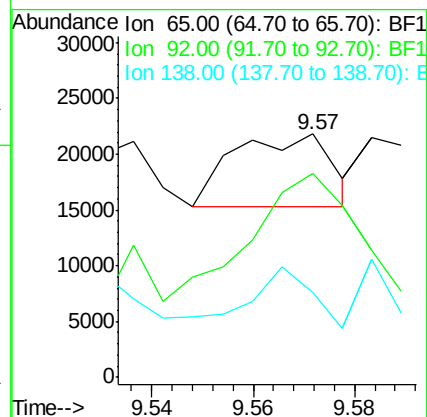
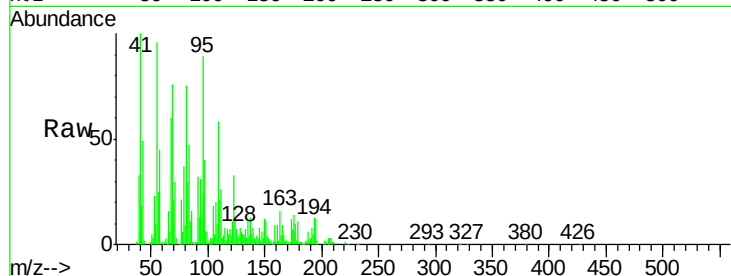
Tgt Ion: 65 Resp: 8761

Ion Ratio Lower Upper

65 100

92 83.7 55.8 83.6#

138 34.9 91.2 136.8#



#48

Acenaphthylene

Concen: 1.387 ng

RT: 9.89 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

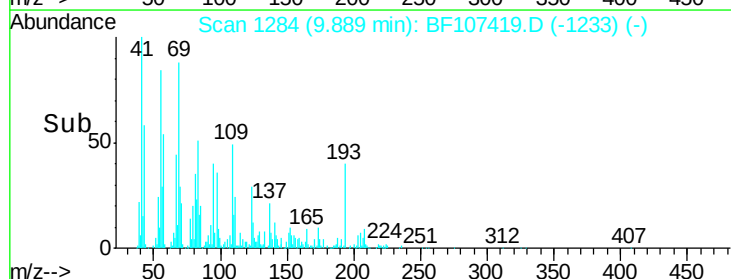
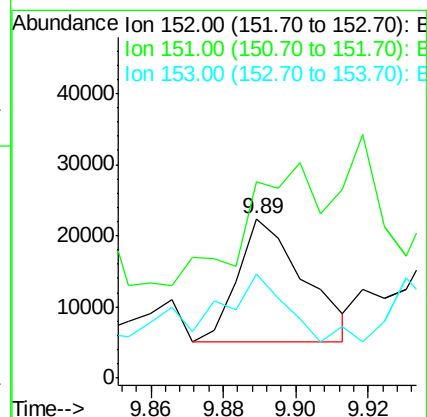
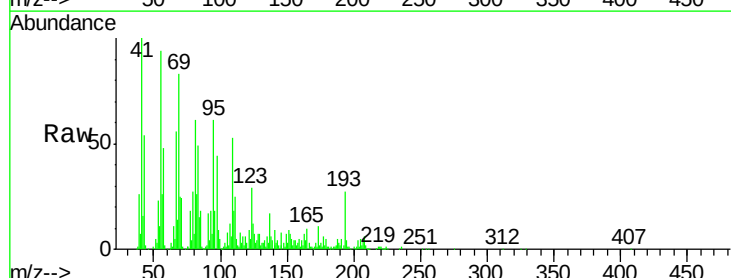
Tgt Ion: 152 Resp: 21684

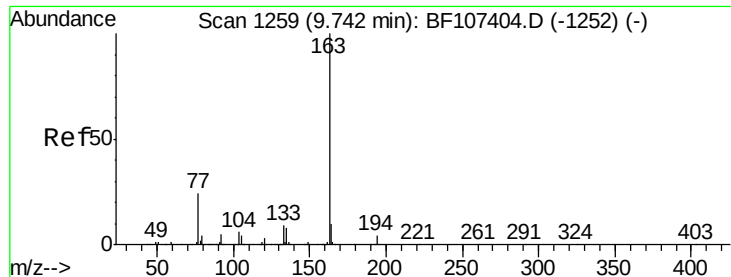
Ion Ratio Lower Upper

152 100

151 123.3 16.3 24.5#

153 64.9 10.7 16.1#





#49

Dimethylphthalate

Concen: 9.287 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

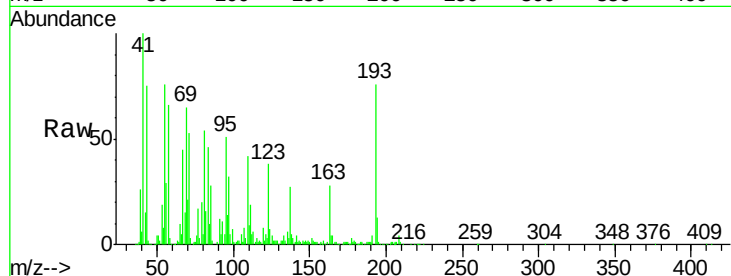
Tgt Ion:163 Resp: 121073

Ion Ratio Lower Upper

163 100

194 46.8 2.7 4.1#

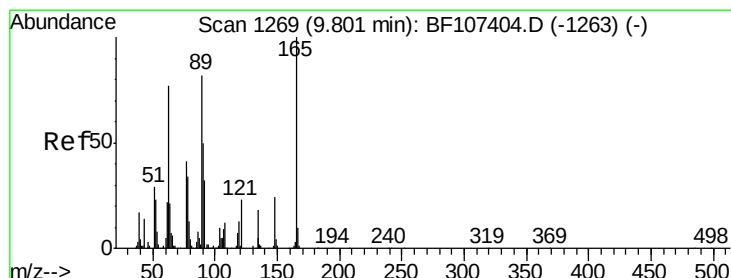
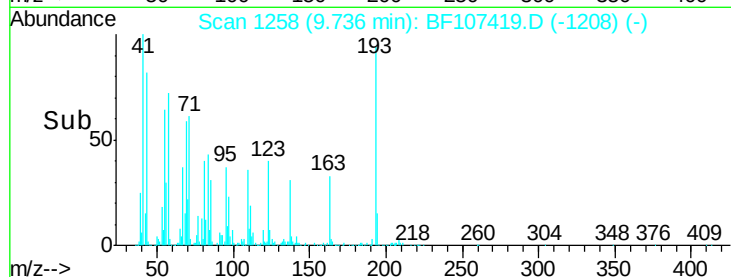
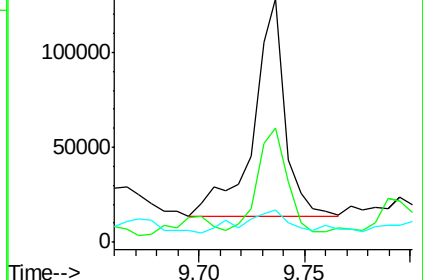
164 13.5 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.357 ng

RT: 9.82 min Scan# 1273

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

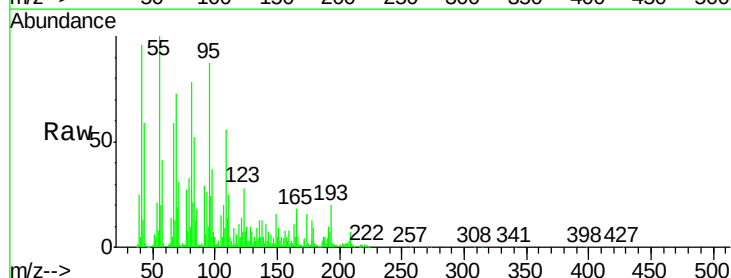
Tgt Ion:165 Resp: 15815

Ion Ratio Lower Upper

165 100

63 11.8 44.7 67.1#

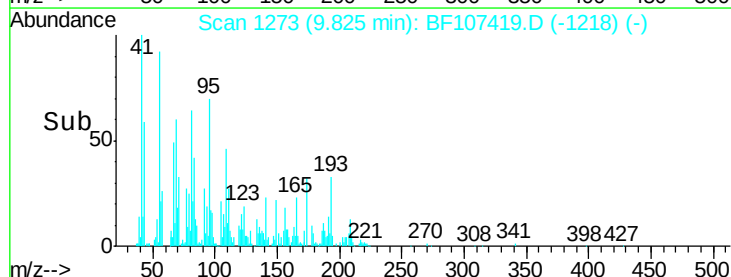
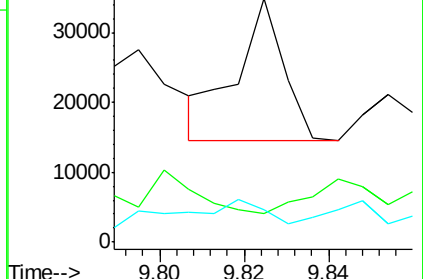
89 13.2 44.0 66.0#

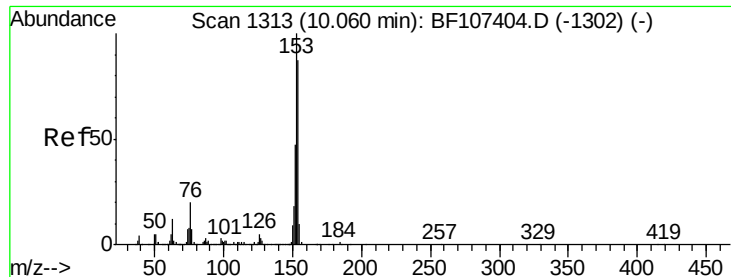


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.193 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

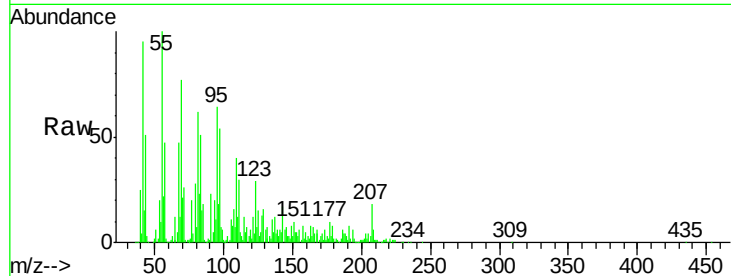
Tgt Ion:154 Resp: 1996

Ion Ratio Lower Upper

154 100

153 199.4 91.2 136.8#

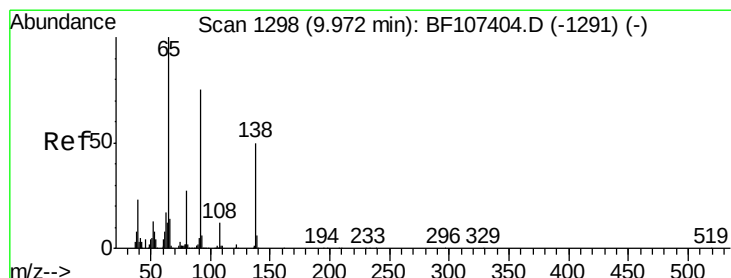
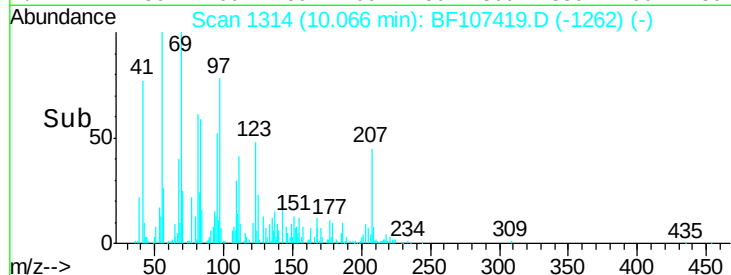
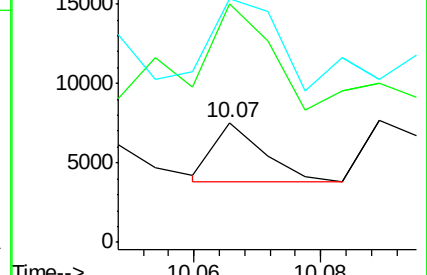
152 203.7 43.8 65.8#



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: 7.305 ng

RT: 9.98 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

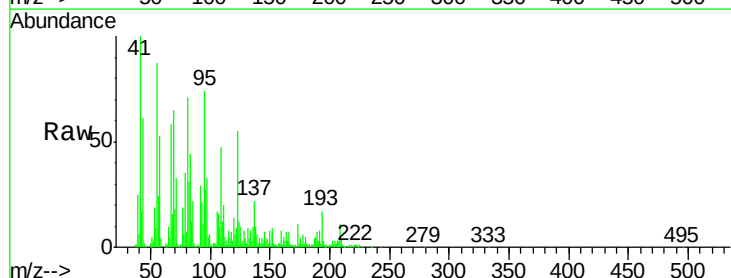
Tgt Ion:138 Resp: 19088

Ion Ratio Lower Upper

138 100

108 96.0 9.4 14.0#

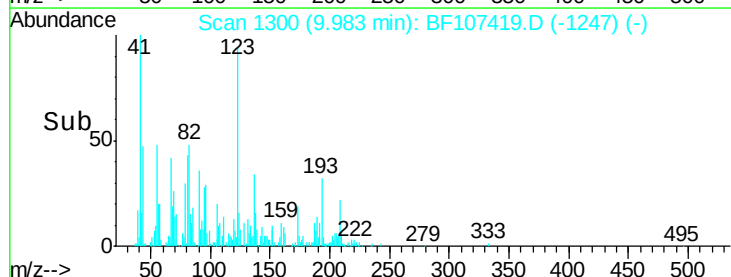
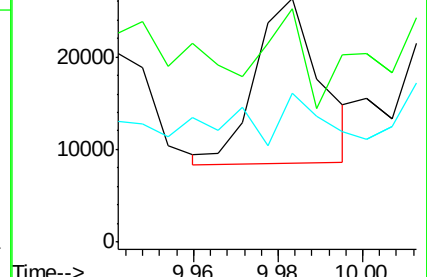
92 60.9 89.4 134.2#

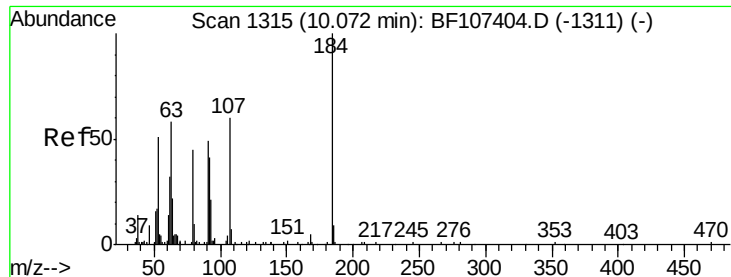


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

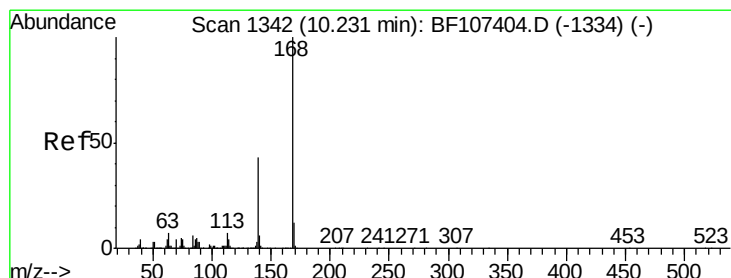
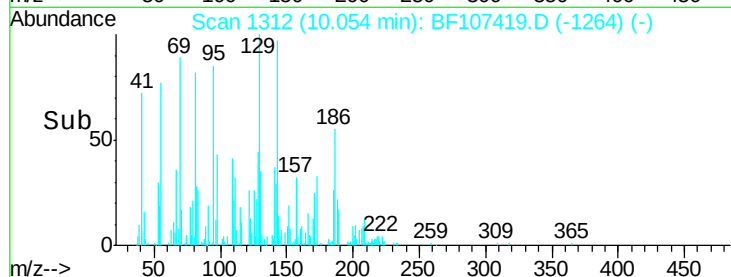
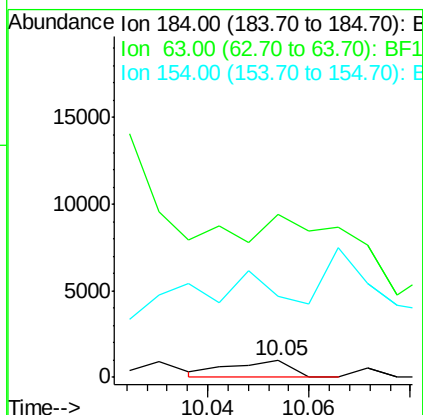
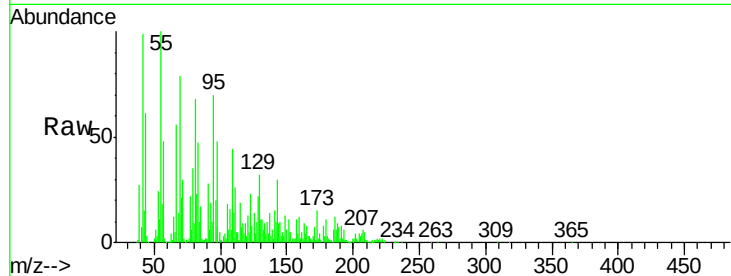




#53
2,4-Dinitrophenol
Concen: 3.569 ng
RT: 10.05 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

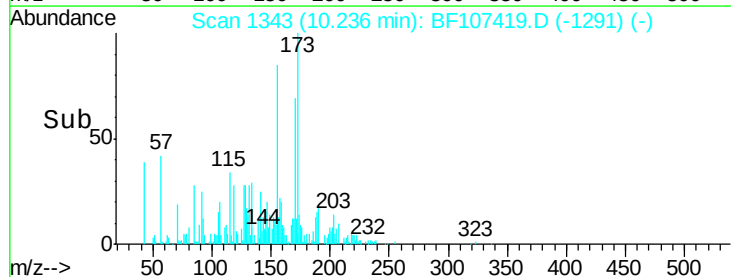
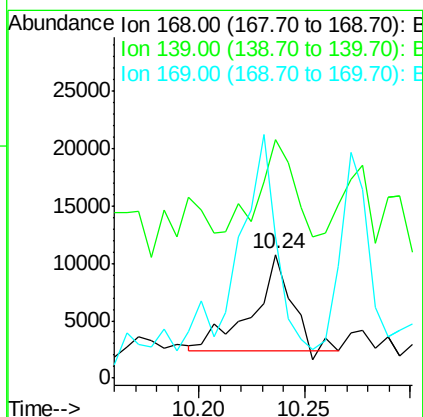
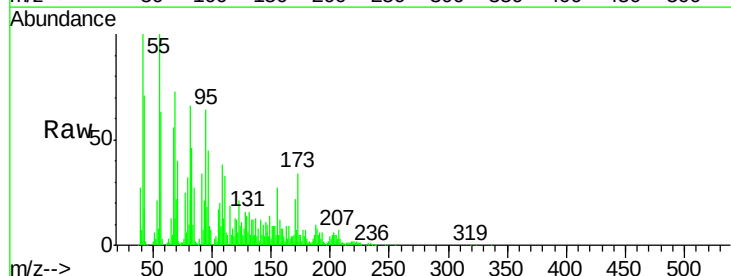
Instrument :
BNA_F
ClientSampleId :
DRUM-3

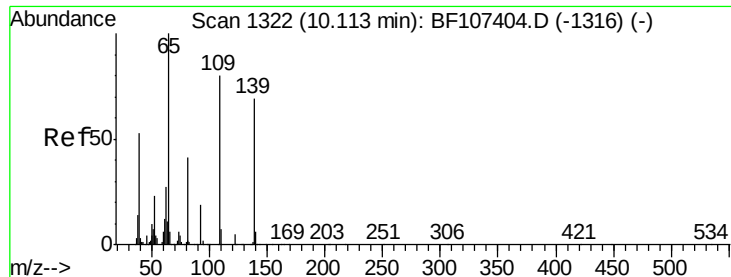
Tgt Ion:184 Resp: 792
Ion Ratio Lower Upper
184 100
63 964.8 54.2 81.2#
154 483.5 184.0 276.0#



#54
Dibenzofuran
Concen: 0.669 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:168 Resp: 10717
Ion Ratio Lower Upper
168 100
139 193.2 30.1 45.1#
169 114.4 10.9 16.3#

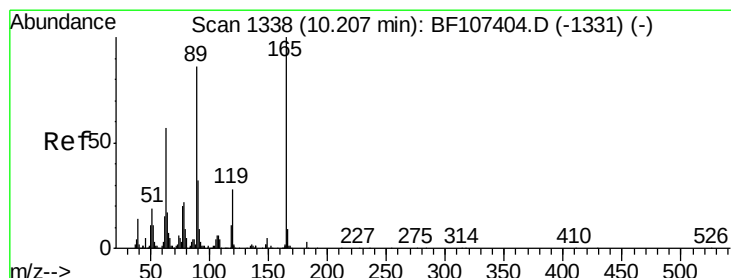
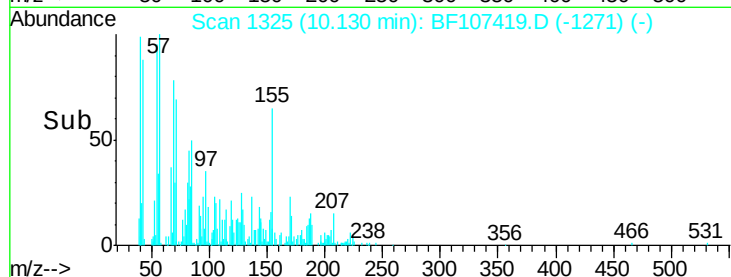
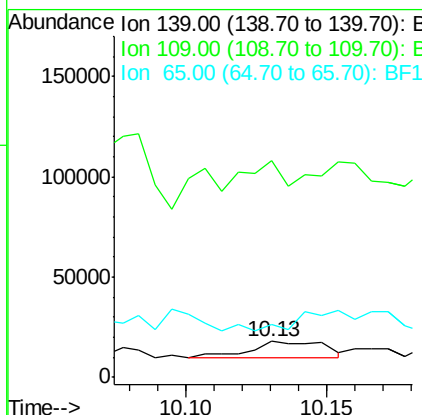
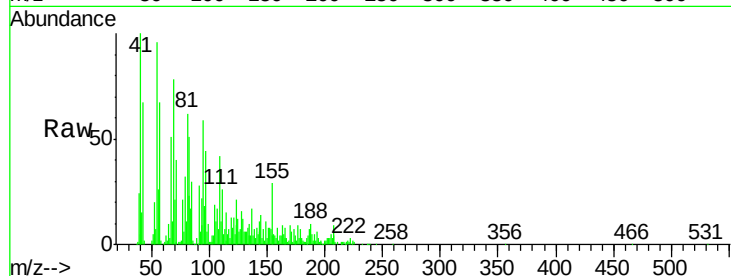




#55
4-Nitrophenol
Concen: 6.562 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

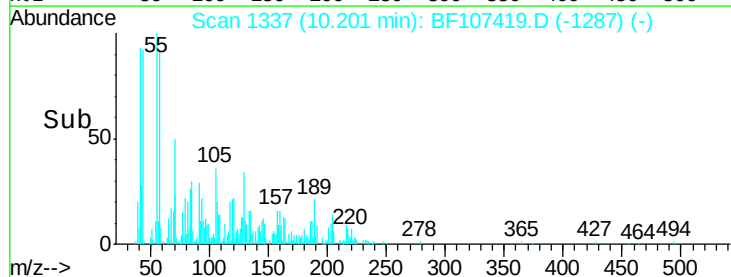
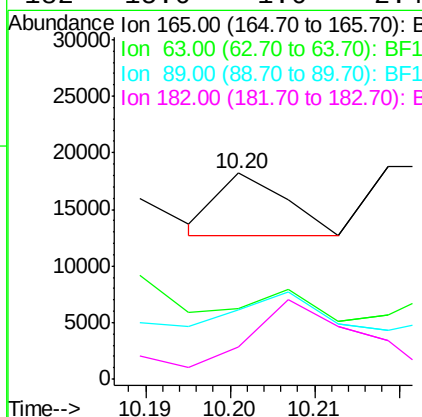
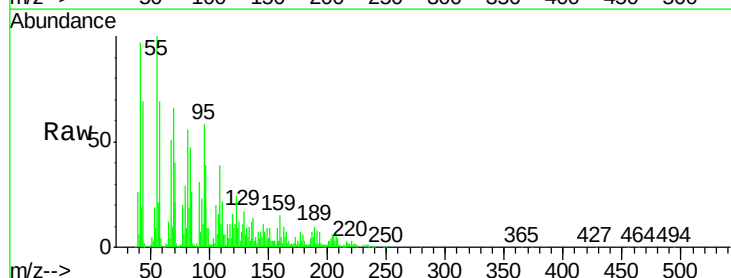
Instrument :
BNA_F
ClientSampleId :
DRUM-3

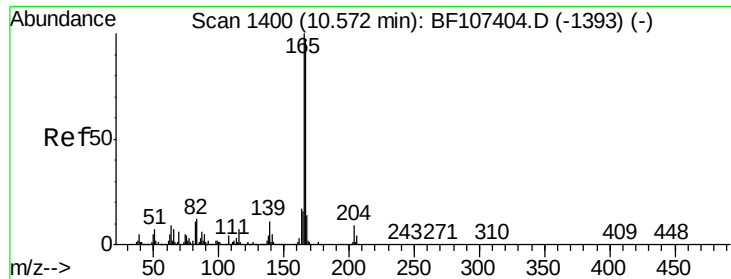
Tgt Ion:139 Resp: 13874
Ion Ratio Lower Upper
139 100
109 603.4 48.4 88.4#
65 148.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 0.958 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:165 Resp: 3105
Ion Ratio Lower Upper
165 100
63 34.0 36.4 54.6#
89 33.7 57.8 86.6#
182 15.6 1.6 2.4#

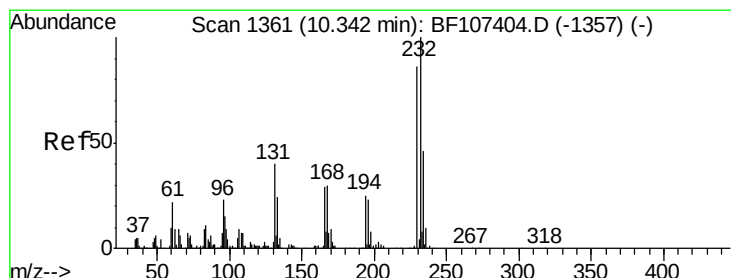
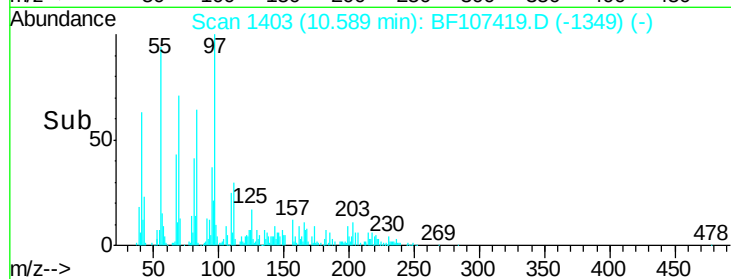
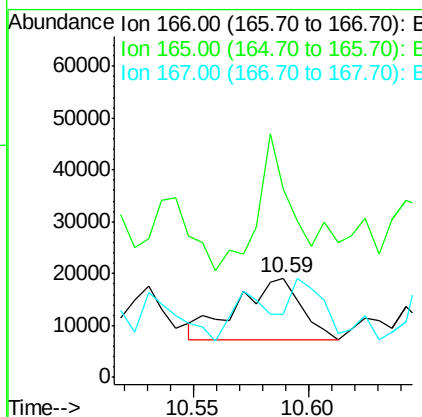
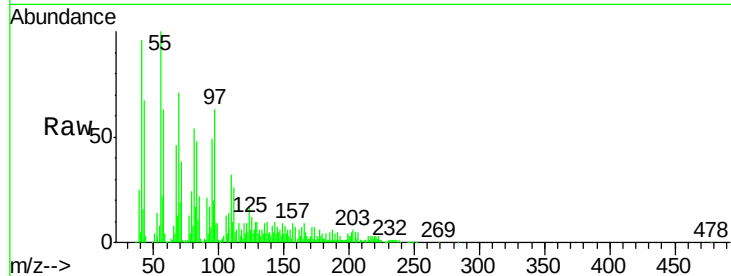




#57
 Fluorene
 Concen: 2.136 ng
 RT: 10.59 min Scan# 1403
 Delta R.T. 0.02 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

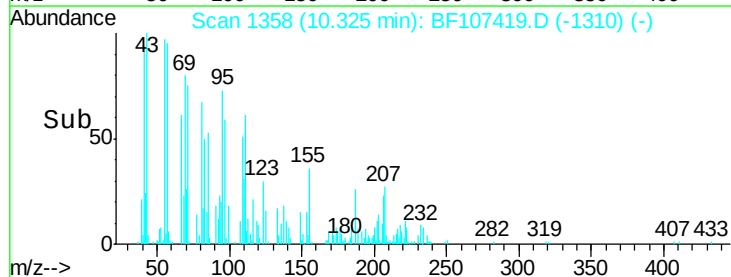
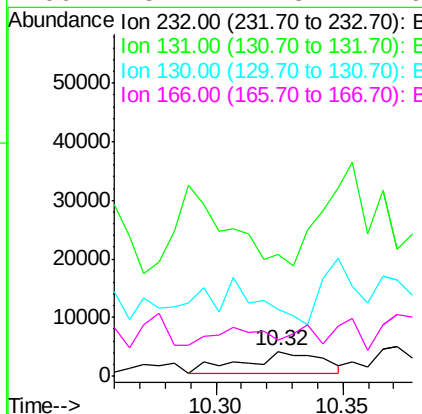
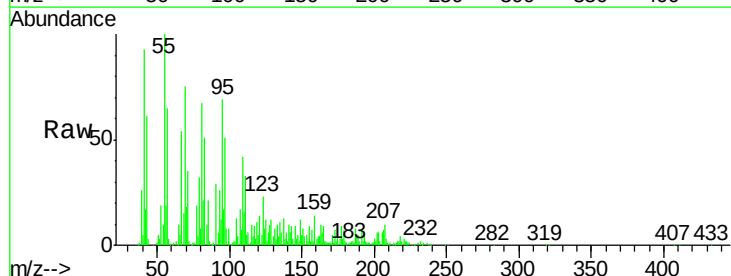
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

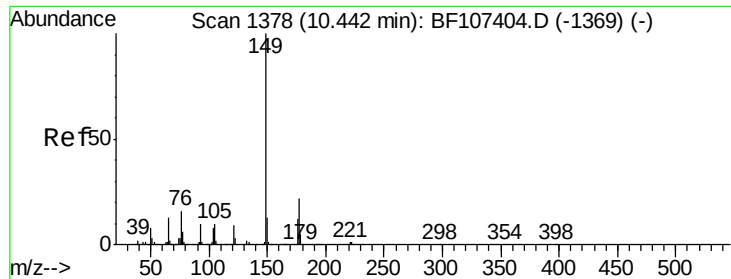
Tgt Ion:166 Resp: 22659
 Ion Ratio Lower Upper
 166 100
 165 191.1 79.8 119.8#
 167 64.2 10.6 16.0#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.048 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

Tgt Ion:232 Resp: 7563
 Ion Ratio Lower Upper
 232 100
 131 0.0 43.8 65.8#
 130 0.0 2.1 3.1#
 166 23.1 27.8 41.6#





#59

Diethylphthalate

Concen: 0.978 ng

RT: 10.43 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

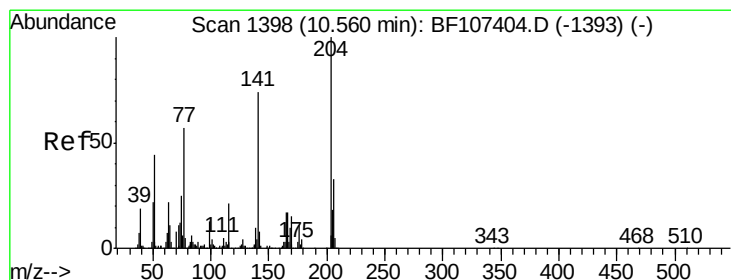
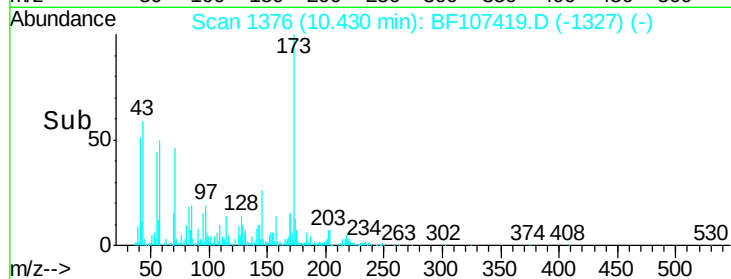
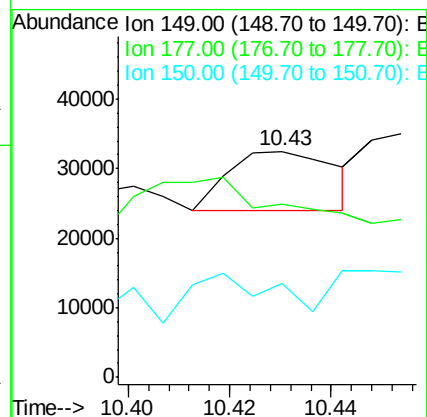
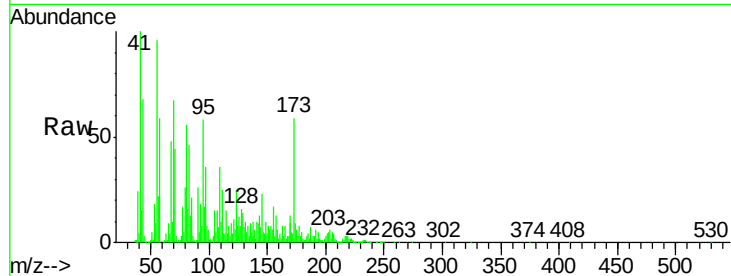
Tgt Ion:149 Resp: 12390

Ion Ratio Lower Upper

149 100

177 76.9 16.1 24.1#

150 41.7 10.1 15.1#



#60

4-Chlorophenyl-phenylether

Concen: 1.146 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

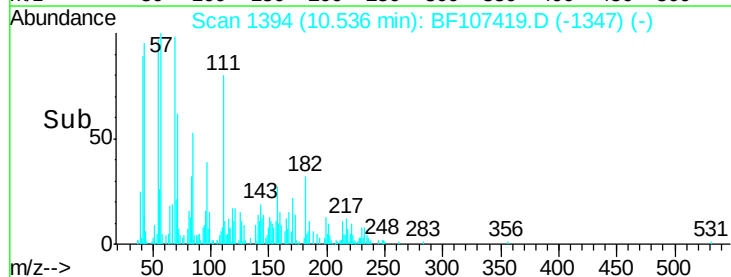
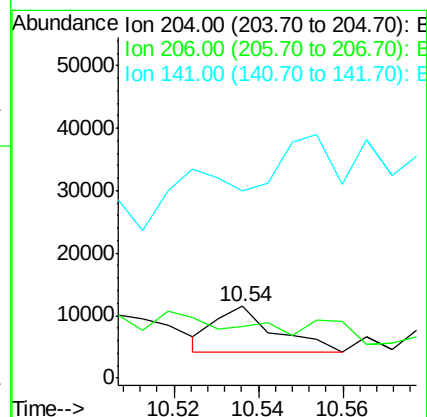
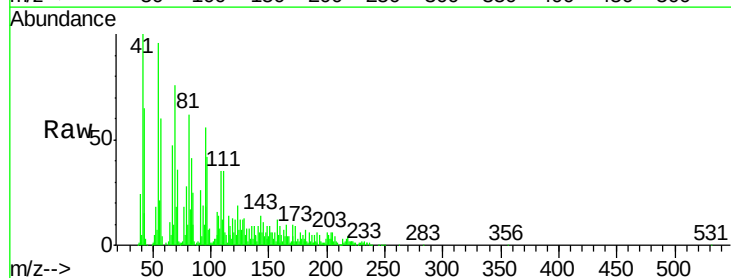
Tgt Ion:204 Resp: 7239

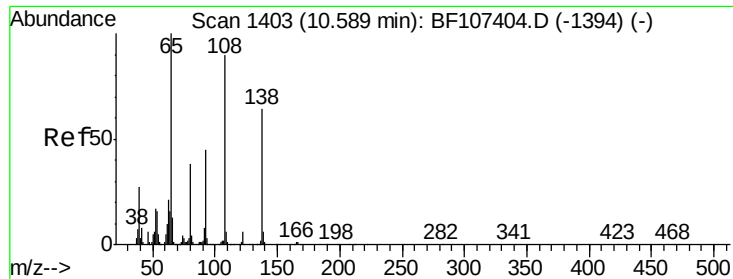
Ion Ratio Lower Upper

204 100

206 71.6 26.5 39.7#

141 260.8 54.6 81.8#

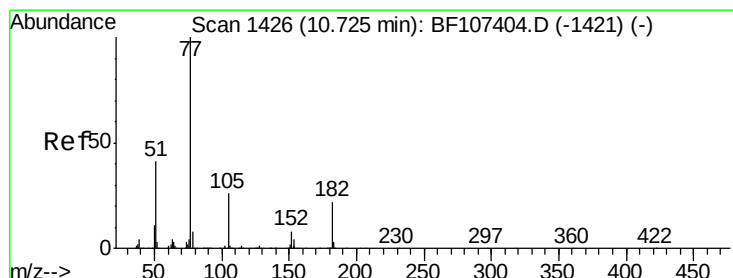
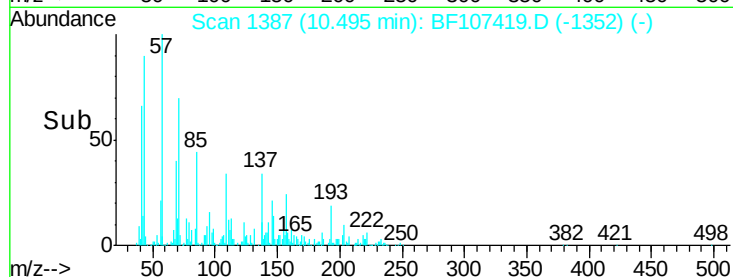
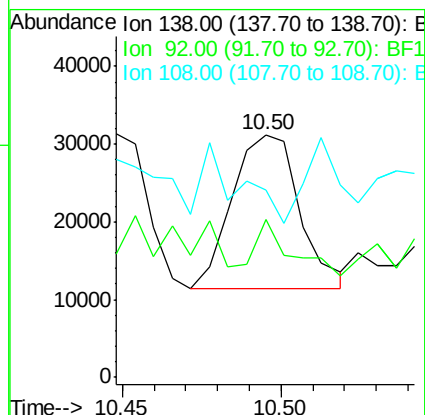
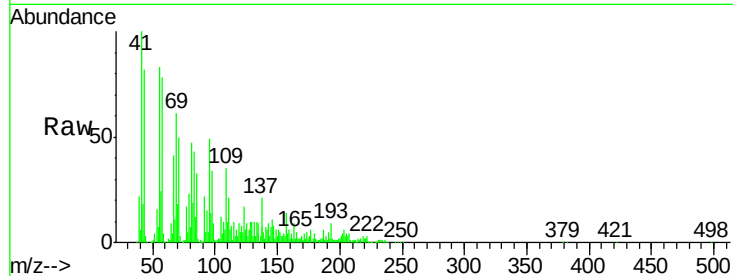




#61
4-Nitroaniline
Concen: 11.696 ng
RT: 10.50 min Scan# 1387
Delta R.T. -0.09 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

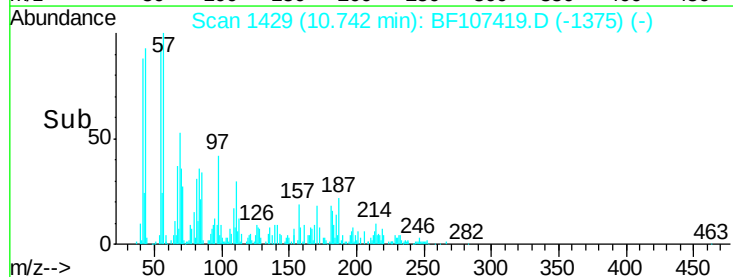
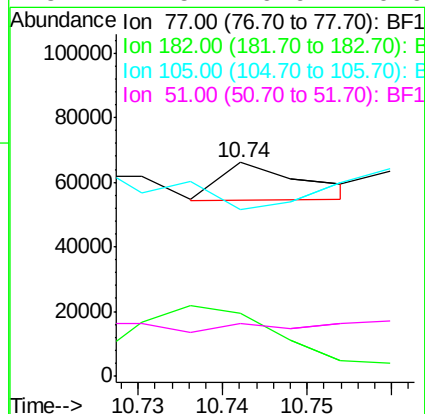
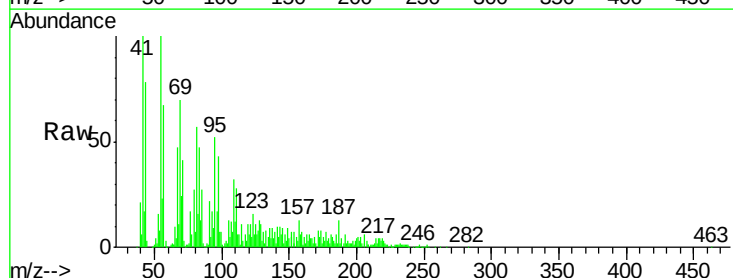
Instrument :
BNA_F
ClientSampleId :
DRUM-3

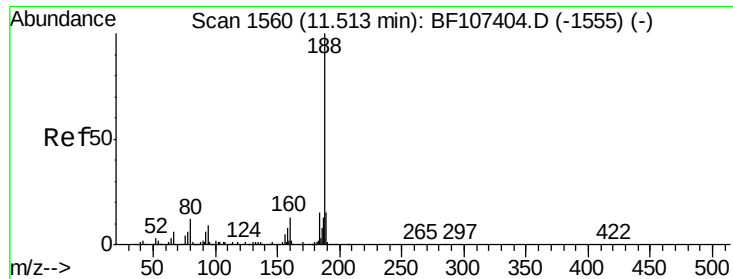
Tgt Ion: 138 Resp: 29084
Ion Ratio Lower Upper
138 100
92 65.2 30.2 70.2
108 77.3 52.5 92.5



#62
Azobenzene
Concen: 0.552 ng
RT: 10.74 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion: 77 Resp: 8209
Ion Ratio Lower Upper
77 100
182 29.5 1.7 41.7
105 77.9 3.0 43.0#
51 24.5 9.9 49.9

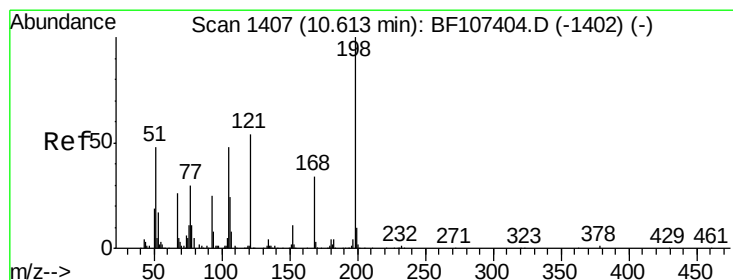
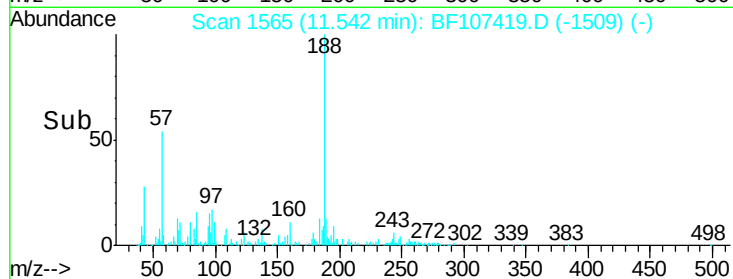
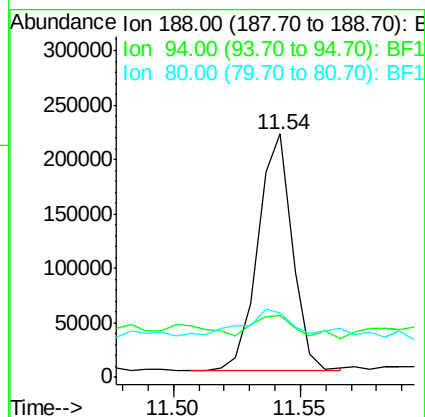
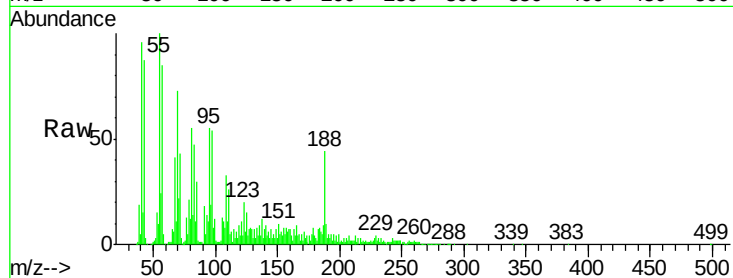




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.03 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

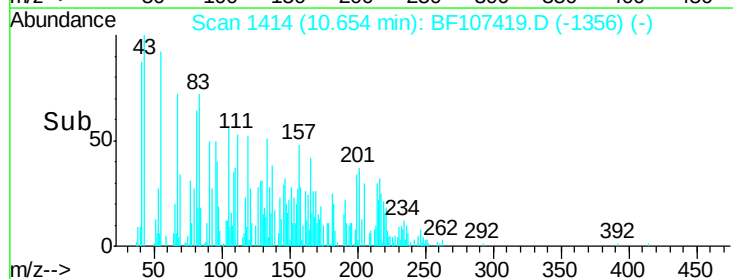
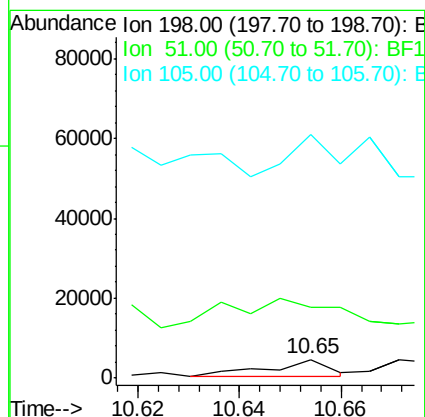
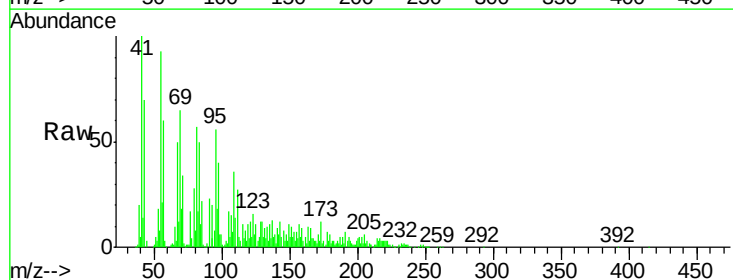
Instrument :
BNA_F
ClientSampleId :
DRUM-3

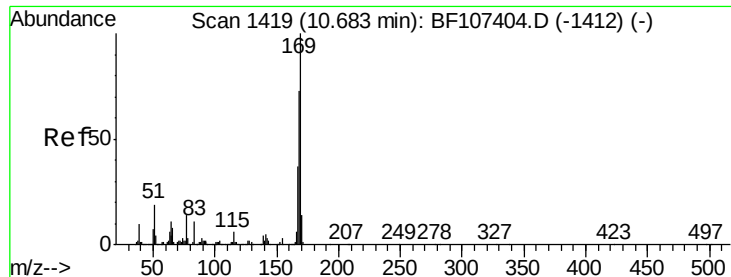
Tgt Ion:188 Resp: 207558
Ion Ratio Lower Upper
188 100
94 25.3 8.5 12.7#
80 26.5 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 10.298 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.04 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:198 Resp: 3702
Ion Ratio Lower Upper
198 100
51 387.9 37.7 77.7#
105 1322.2 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 10.795 ng

RT: 10.70 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

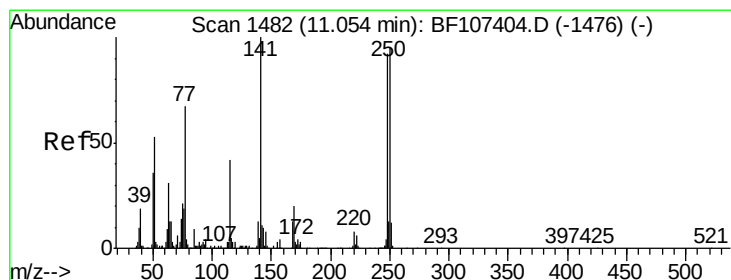
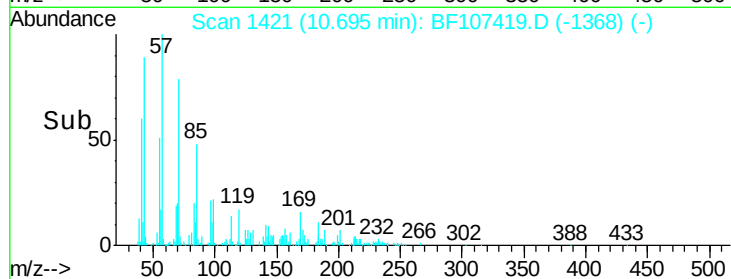
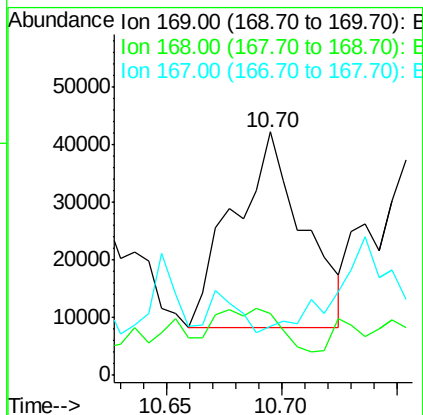
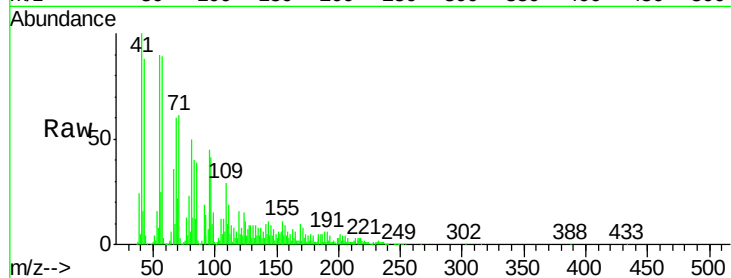
Tgt Ion:169 Resp: 70765

Ion Ratio Lower Upper

169 100

168 25.3 54.4 81.6#

167 20.1 29.8 44.6#



#66

4-Bromophenyl-phenylether

Concen: 0.813 ng

RT: 11.08 min Scan# 1486

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

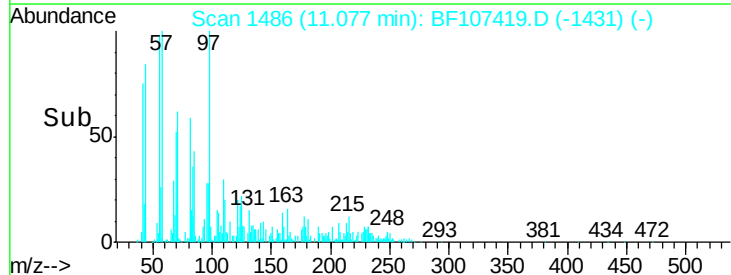
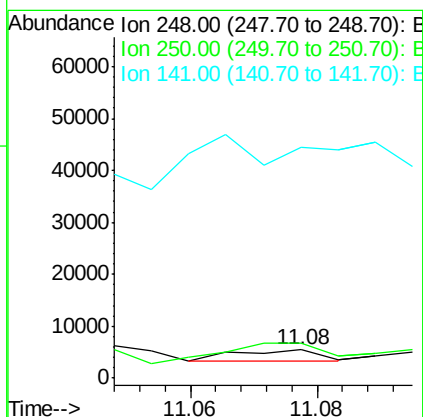
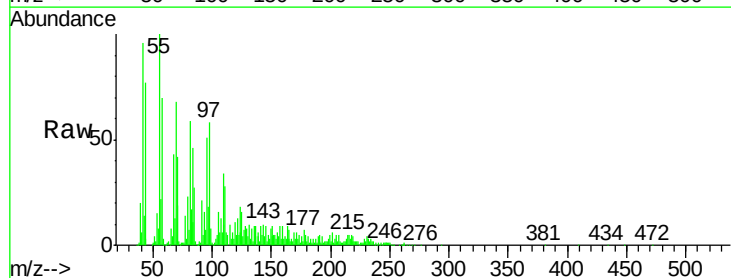
Tgt Ion:248 Resp: 1930

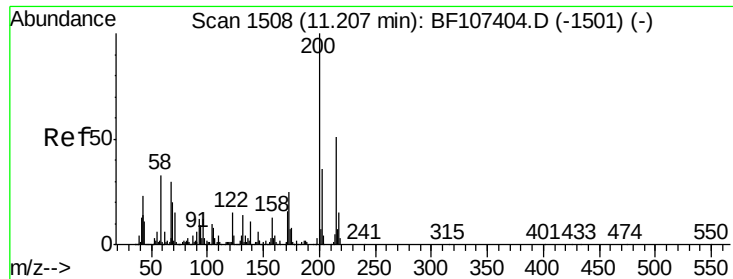
Ion Ratio Lower Upper

248 100

250 122.1 76.9 115.3#

141 819.0 74.4 111.6#





#68

Atrazine

Concen: 1.041 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.04 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

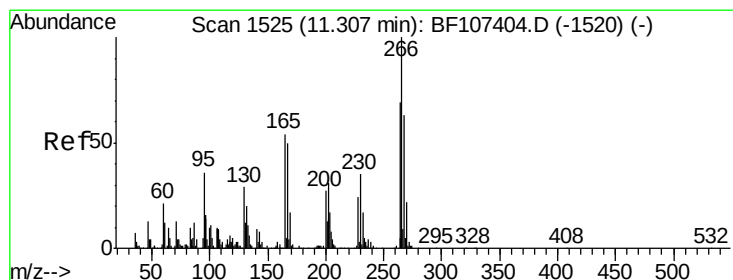
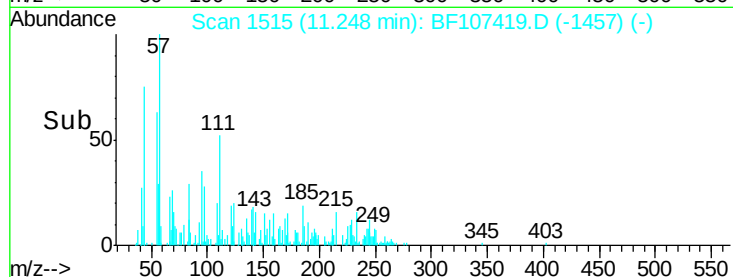
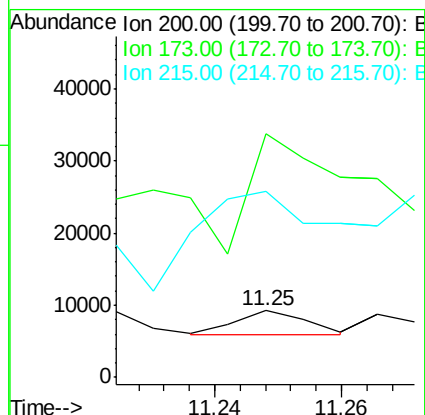
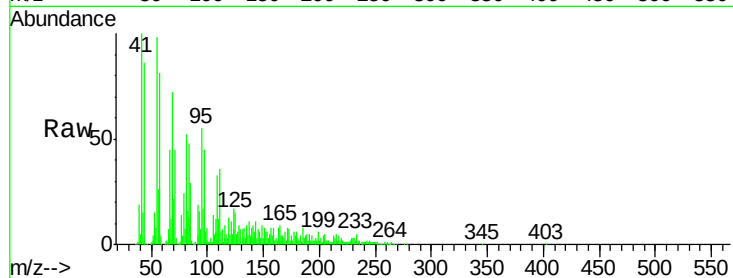
Tgt Ion:200 Resp: 2578

Ion Ratio Lower Upper

200 100

173 366.8 8.6 48.6#

215 280.6 25.1 65.1#



#69

Pentachlorophenol

Concen: 2.965 ng

RT: 11.34 min Scan# 1531

Delta R.T. 0.04 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

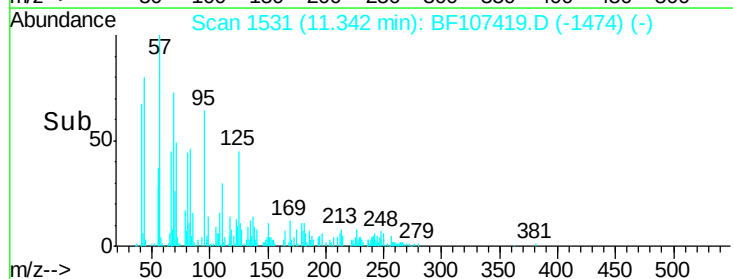
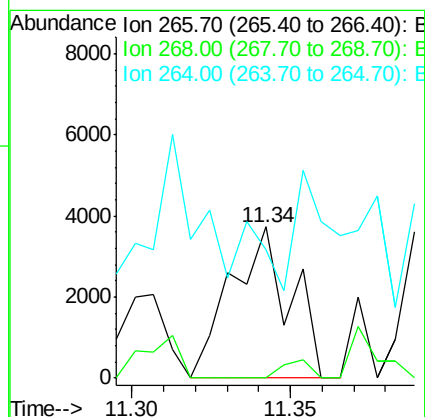
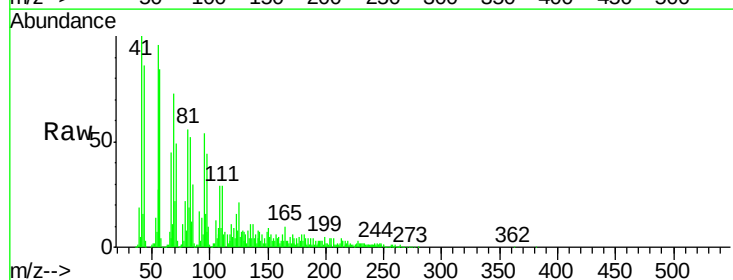
Tgt Ion:266 Resp: 4816

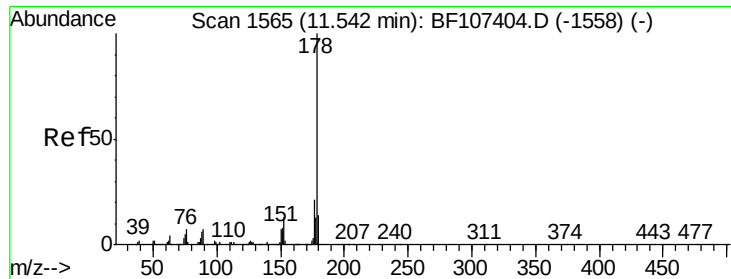
Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

264 84.9 49.5 74.3#





#70

Phenanthrene

Concen: 6.424 ng

RT: 11.57 min Scan# 1569

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

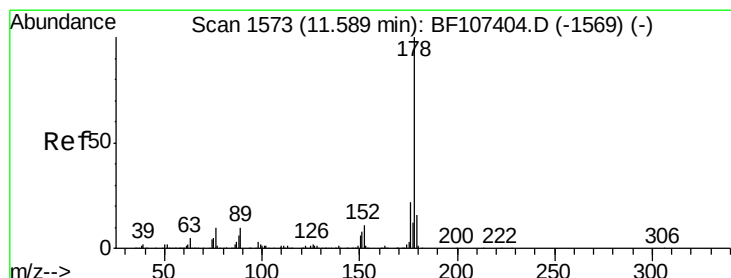
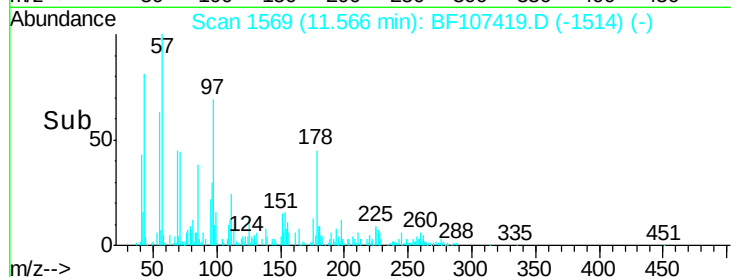
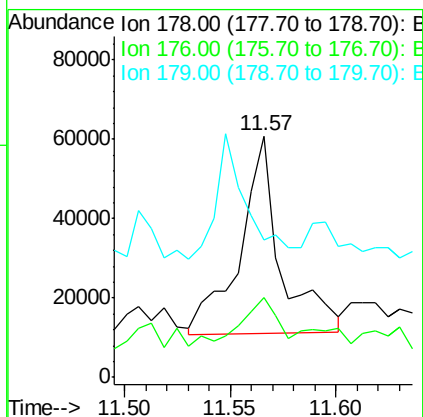
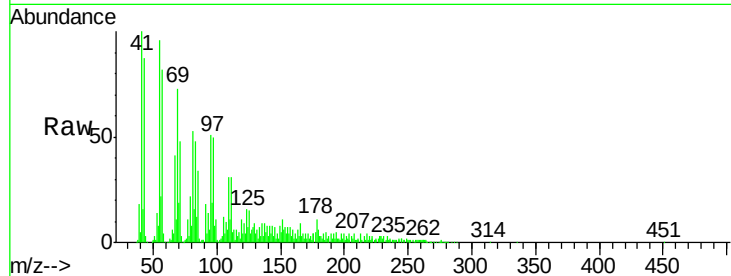
Tgt Ion:178 Resp: 66448

Ion Ratio Lower Upper

178 100

176 32.9 15.8 23.8#

179 57.1 13.0 19.6#



#71

Anthracene

Concen: 0.373 ng

RT: 11.61 min Scan# 1576

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

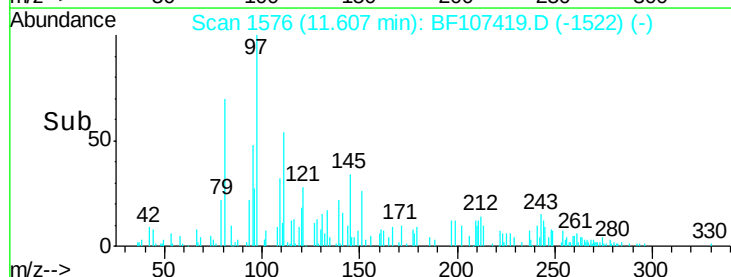
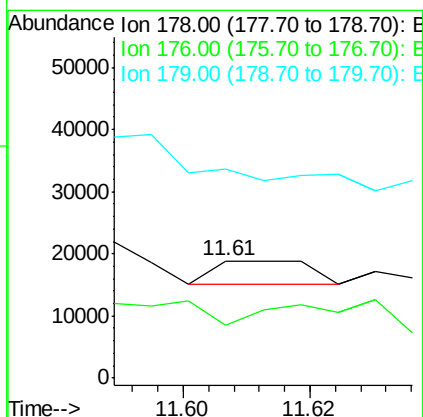
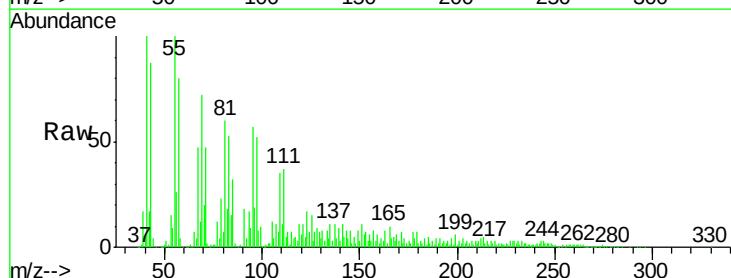
Tgt Ion:178 Resp: 3844

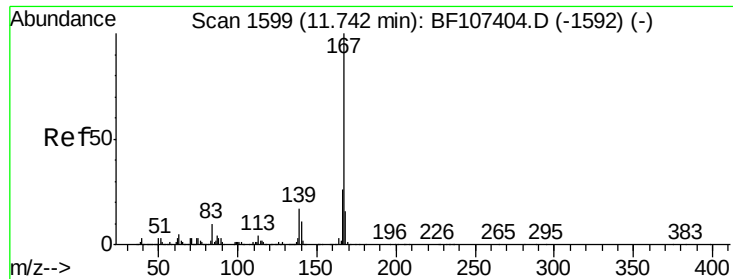
Ion Ratio Lower Upper

178 100

176 45.4 15.4 23.2#

179 178.4 12.6 19.0#





#72

Carbazole

Concen: 0.655 ng

RT: 11.77 min Scan# 1603

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

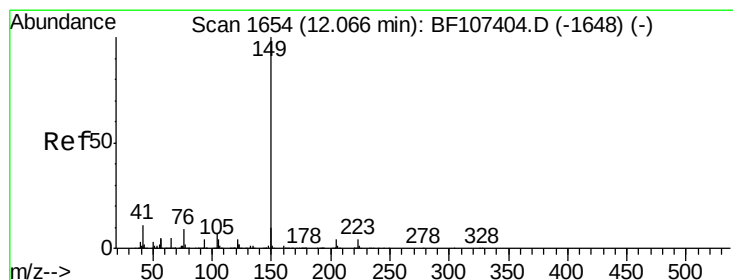
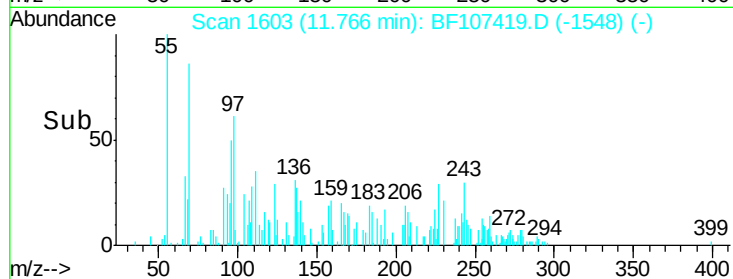
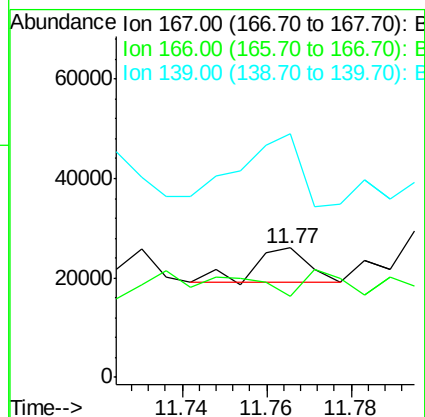
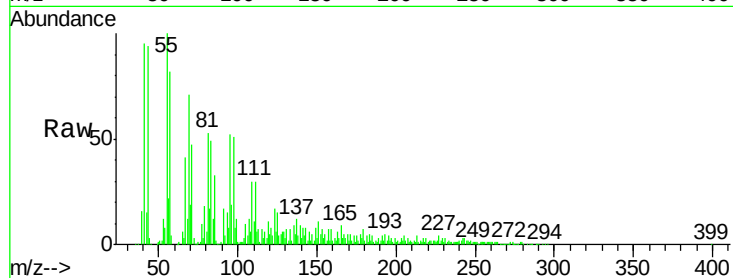
Tgt Ion:167 Resp: 6385

Ion Ratio Lower Upper

167 100

166 62.6 17.6 26.4#

139 188.5 10.9 16.3#



#73

Di-n-butylphthalate

Concen: 3.840 ng

RT: 12.09 min Scan# 1659

Delta R.T. 0.03 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

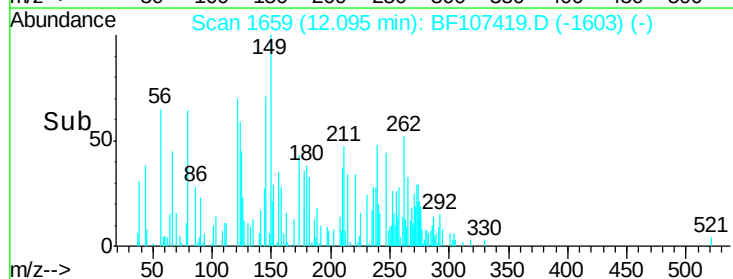
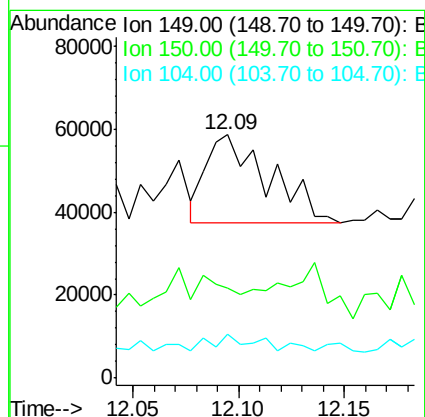
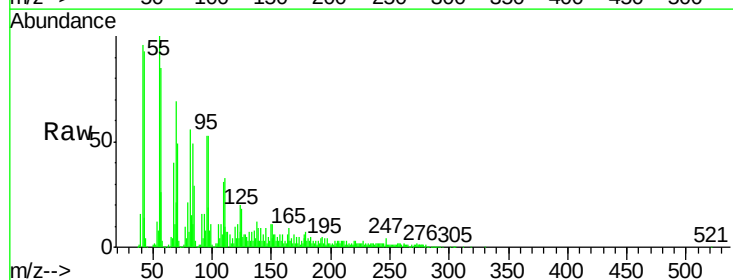
Tgt Ion:149 Resp: 43042

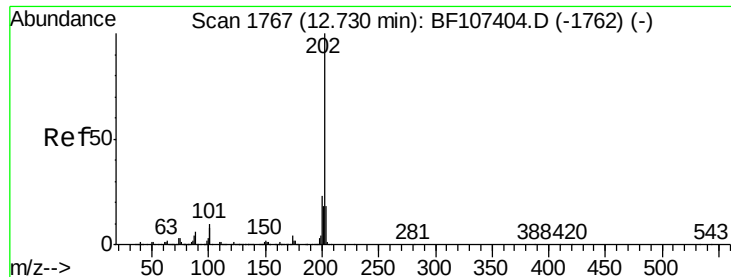
Ion Ratio Lower Upper

149 100

150 37.1 7.8 11.6#

104 18.2 3.8 5.8#





#74

Fluoranthene

Concen: 0.555 ng

RT: 12.76 min Scan# 1772

Delta R.T. 0.03 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

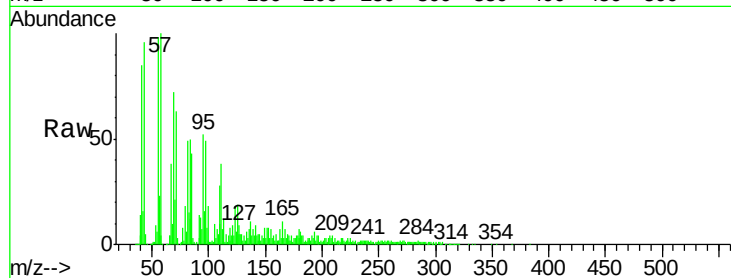
Tgt Ion:202 Resp: 6523

Ion Ratio Lower Upper

202 100

101 22.3 0.0 34.1

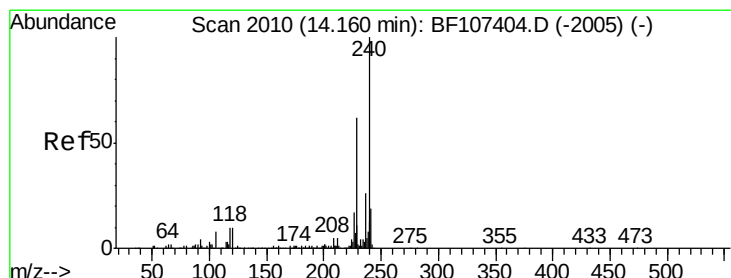
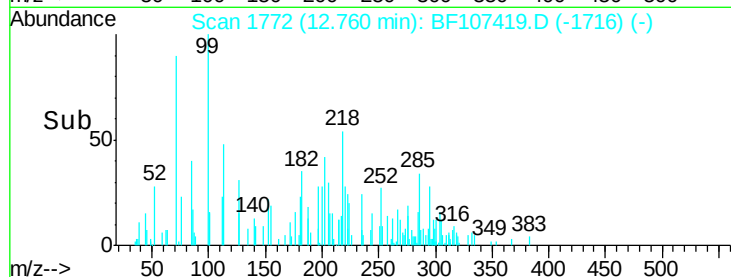
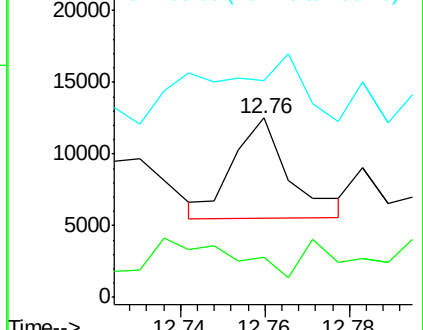
203 121.2 0.0 38.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

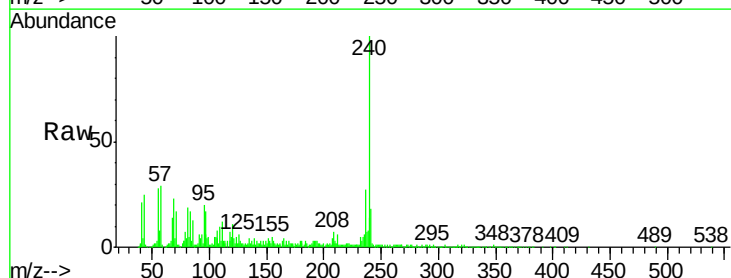
Tgt Ion:240 Resp: 348592

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

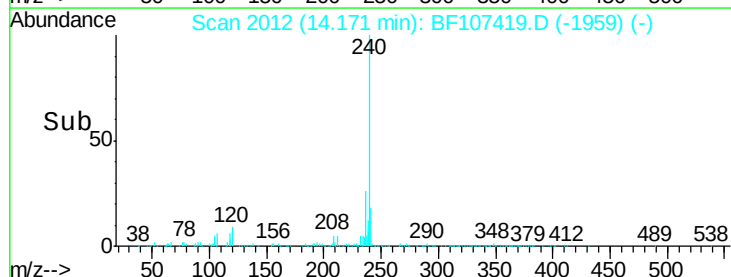
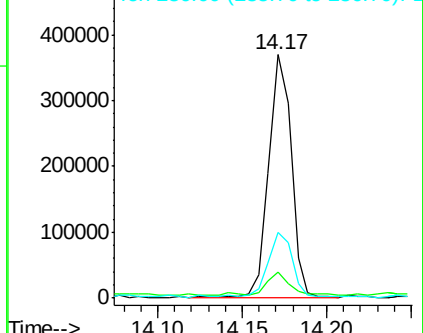
236 26.8 20.7 31.1

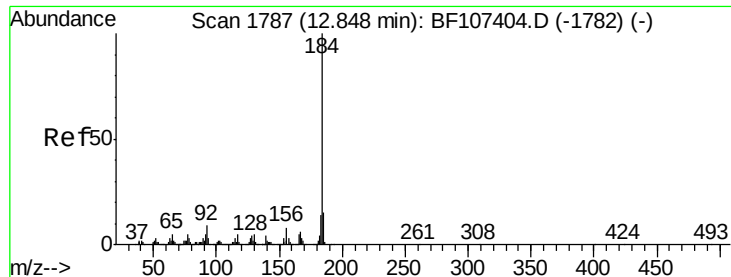


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.239 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

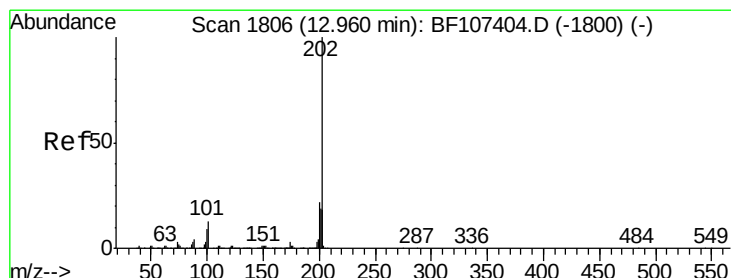
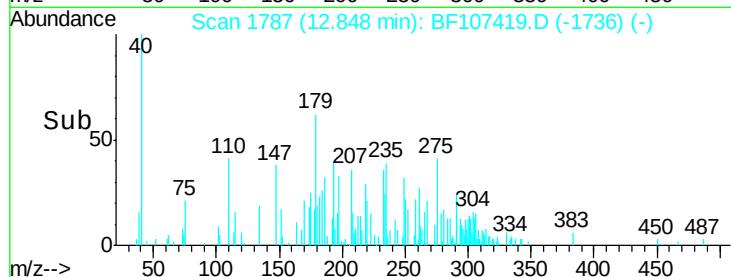
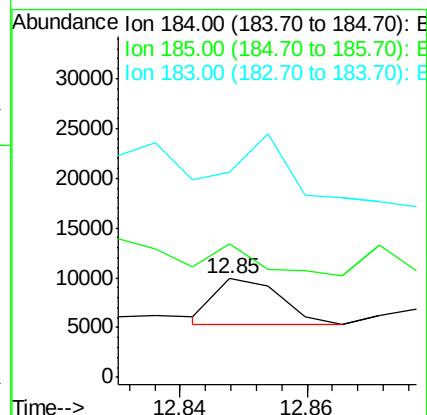
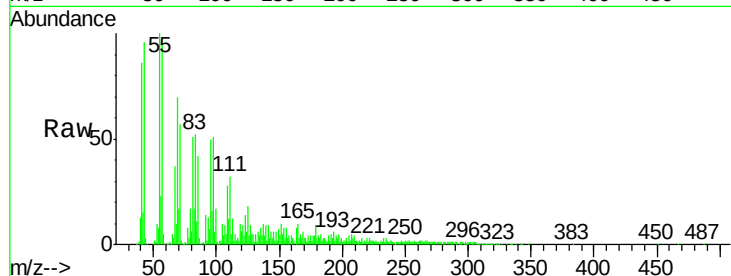
Tgt Ion:184 Resp: 3238

Ion Ratio Lower Upper

184 100

185 135.7 12.6 18.8#

183 207.1 9.3 13.9#



#77

Pyrene

Concen: 0.089 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

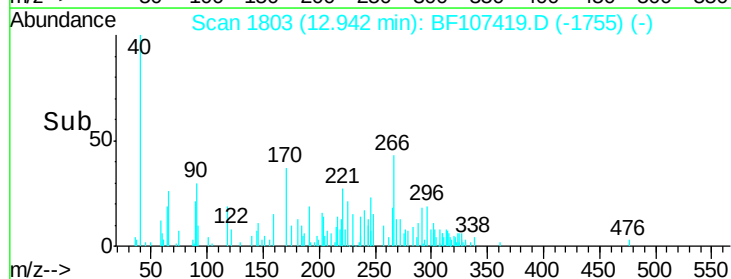
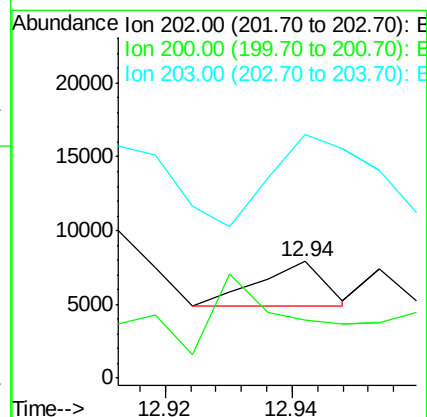
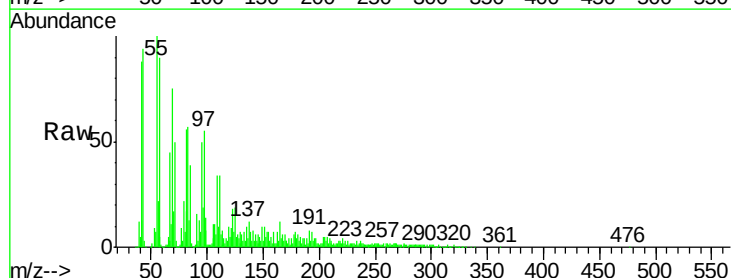
Tgt Ion:202 Resp: 2100

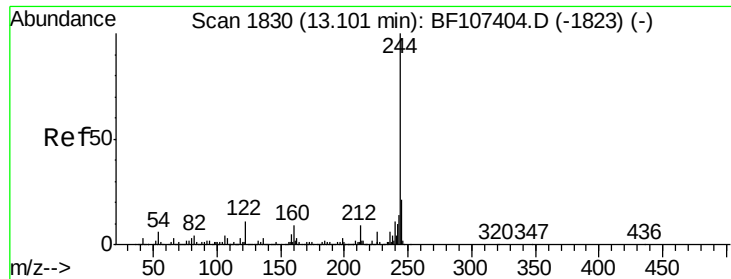
Ion Ratio Lower Upper

202 100

200 50.1 17.4 26.2#

203 209.3 14.3 21.5#





#78

Terphenyl-d14

Concen: 69.223 ng

RT: 13.12 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

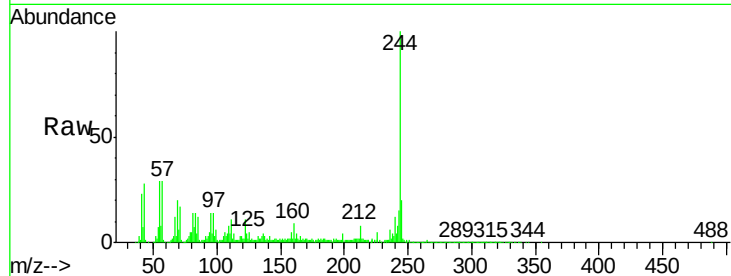
Tgt Ion:244 Resp: 971208

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

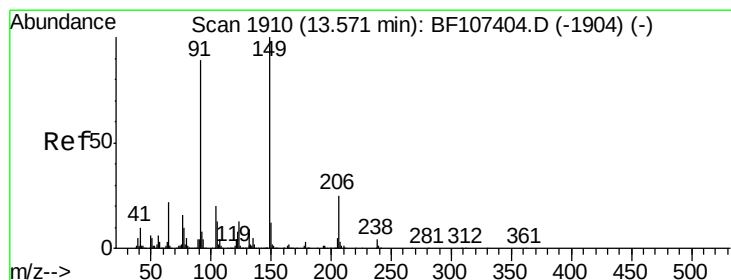
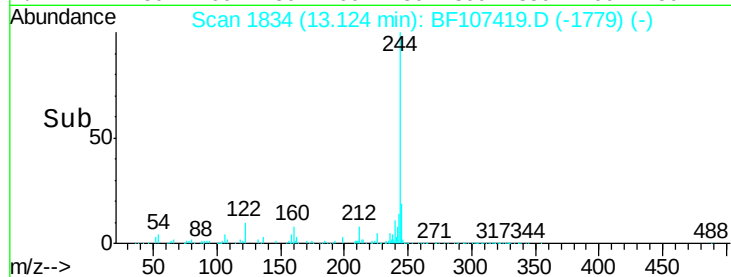
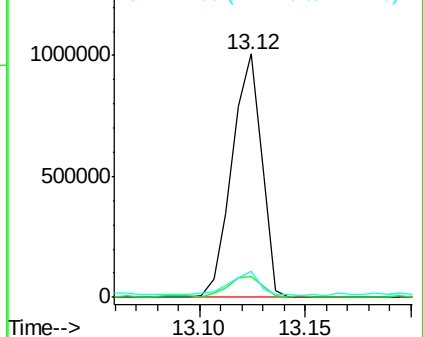
122 10.6 11.0 16.4#



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: 0.496 ng

RT: 13.59 min Scan# 1914

Delta R.T. 0.02 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

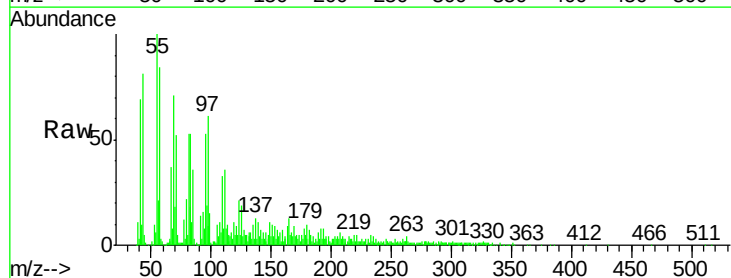
Tgt Ion:149 Resp: 4279

Ion Ratio Lower Upper

149 100

91 126.2 56.8 85.2#

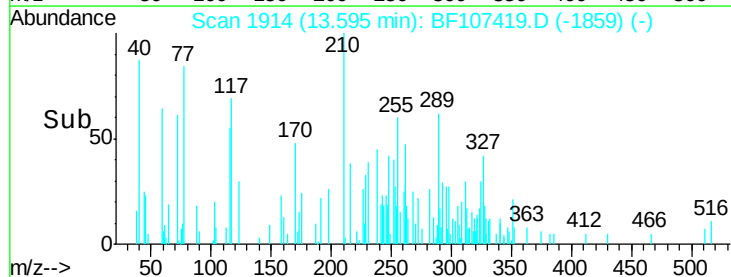
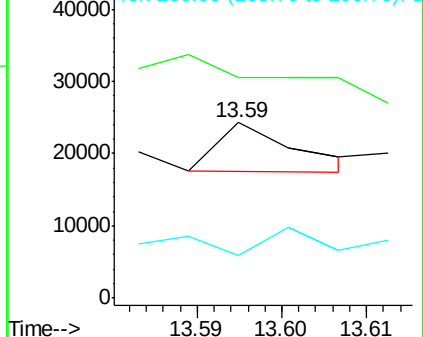
206 24.3 14.1 21.1#

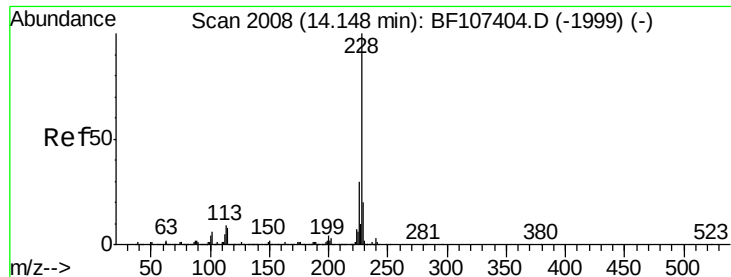


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.050 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

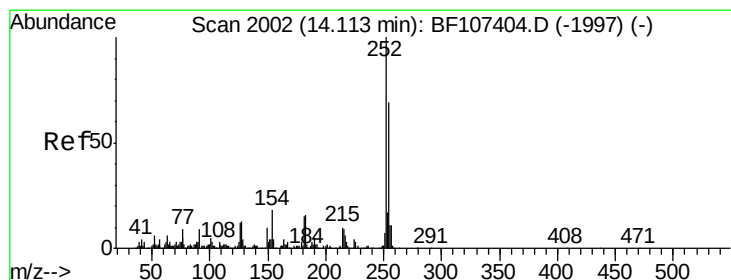
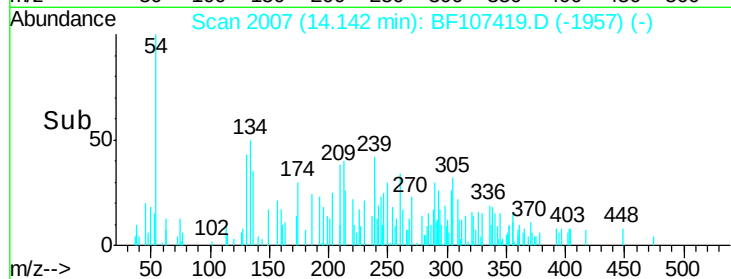
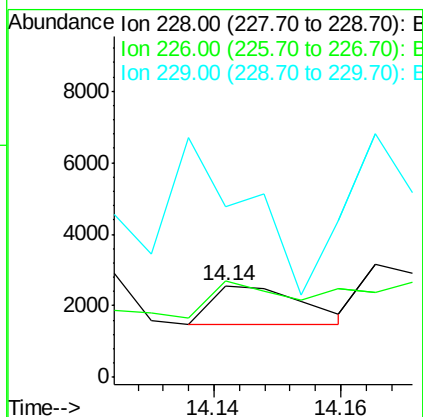
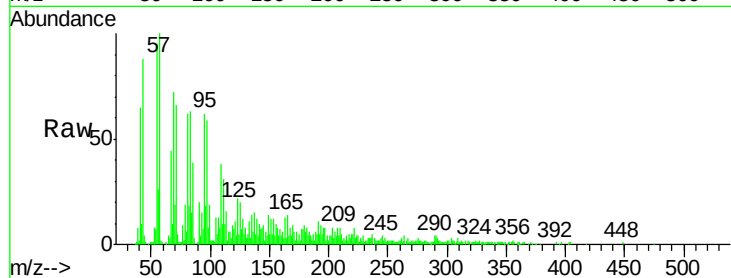
Tgt Ion:228 Resp: 1061

Ion Ratio Lower Upper

228 100

226 104.6 22.6 33.8#

229 185.9 15.8 23.6#



#81

3,3'-Dichlorobenzidine

Concen: 0.144 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

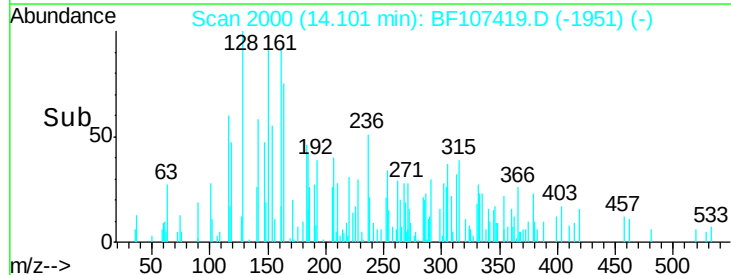
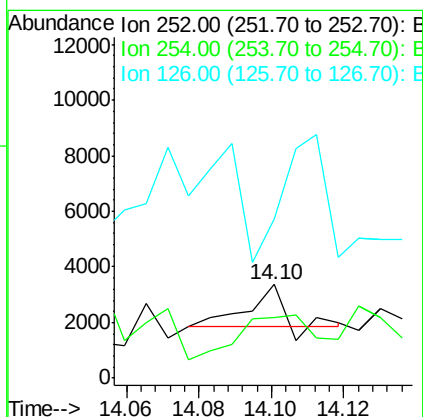
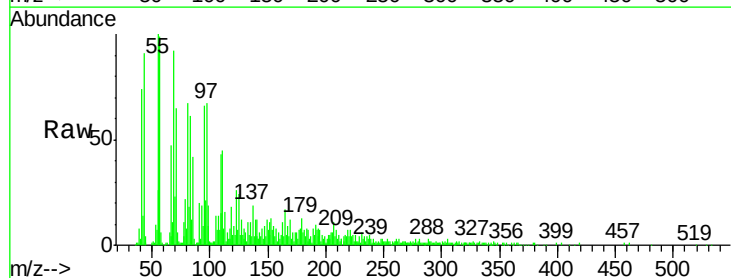
Tgt Ion:252 Resp: 1031

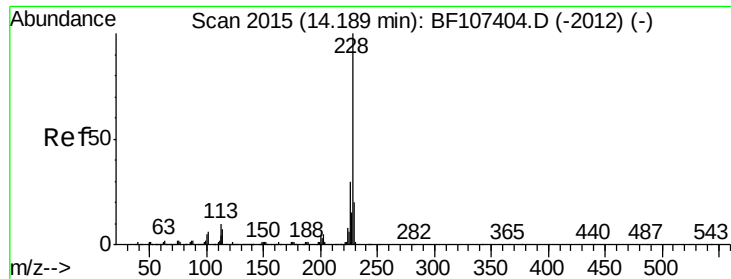
Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

126 170.8 11.3 16.9#

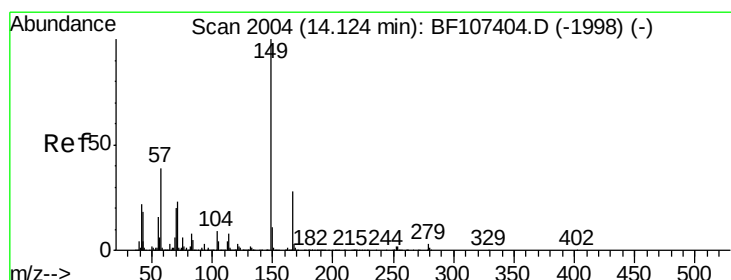
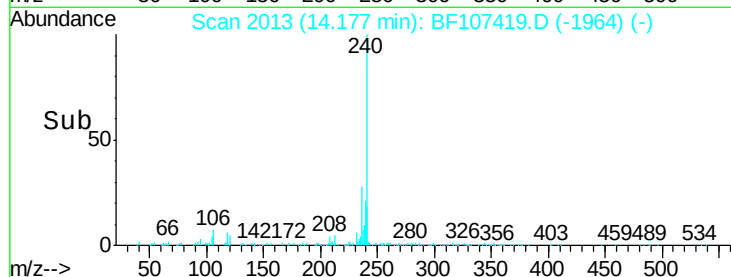
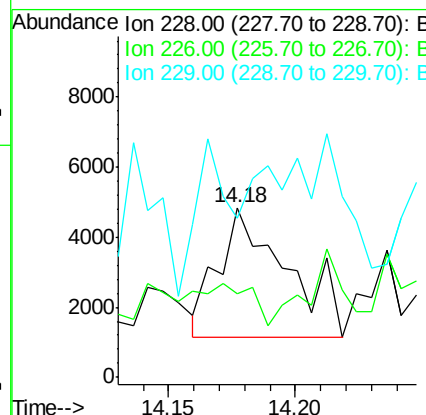
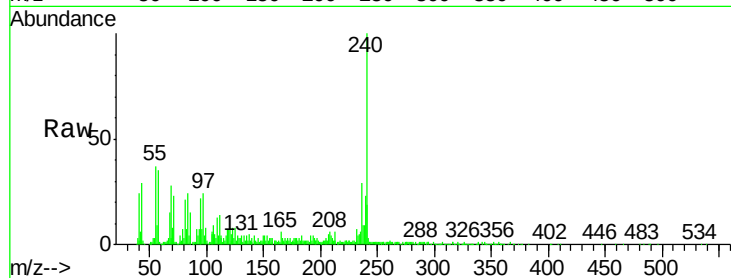




#82
 Chrysene
 Concen: 0.336 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

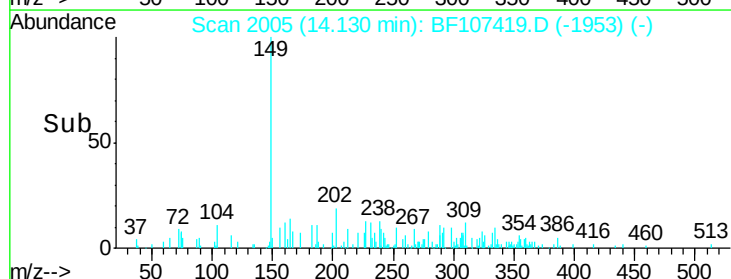
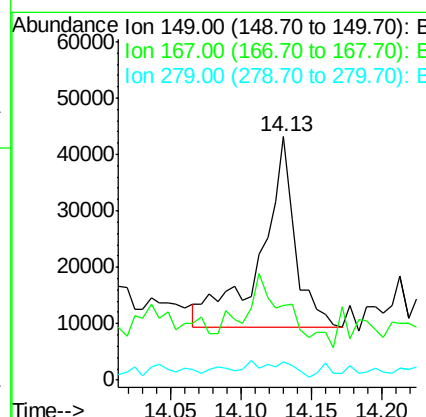
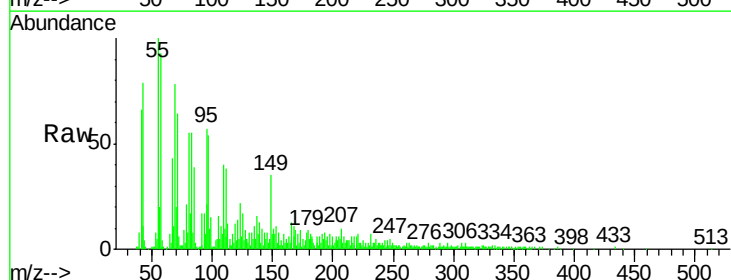
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

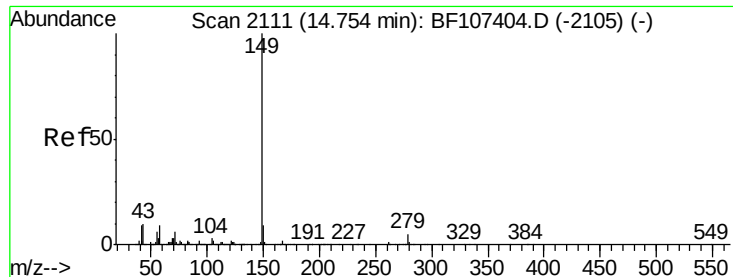
Tgt Ion: 228 Resp: 6851
 Ion Ratio Lower Upper
 228 100
 226 49.4 25.0 37.6#
 229 94.1 16.2 24.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.564 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF107419.D
 Acq: 16 Jul 2018 22:55

Tgt Ion: 149 Resp: 56474
 Ion Ratio Lower Upper
 149 100
 167 30.9 21.3 31.9
 279 7.6 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.161 ng

RT: 14.75 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

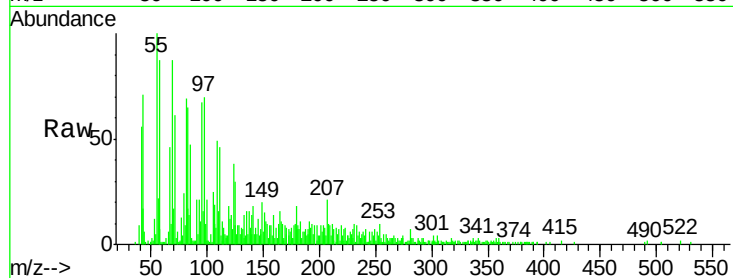
Tgt Ion:149 Resp: 3103

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

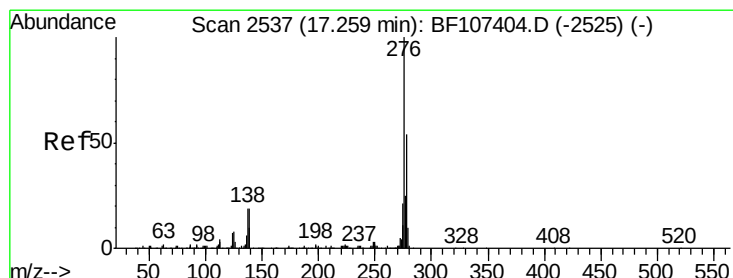
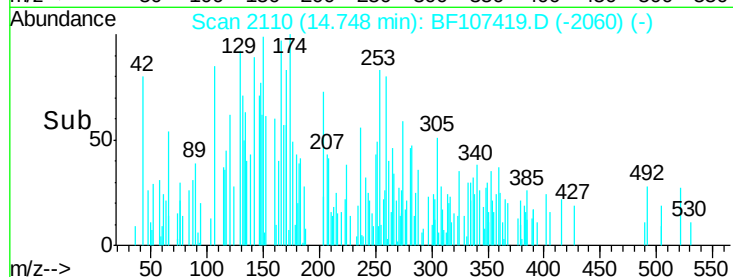
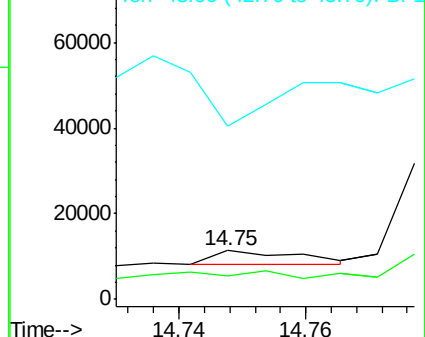
43 0.0 8.4 12.6#



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: 0.126 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.03 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

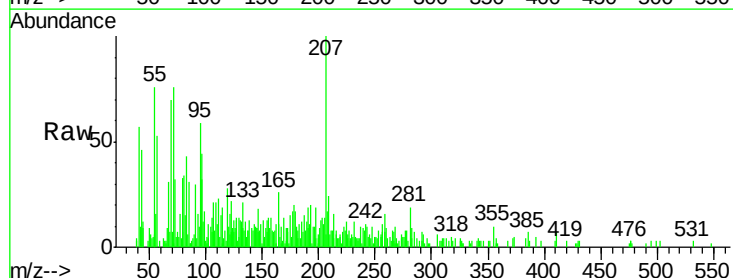
Tgt Ion:276 Resp: 1827

Ion Ratio Lower Upper

276 100

138 0.0 25.0 37.6#

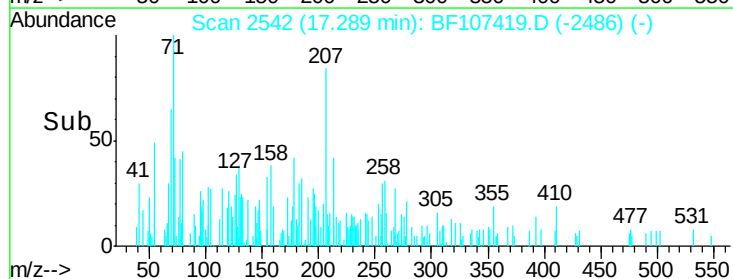
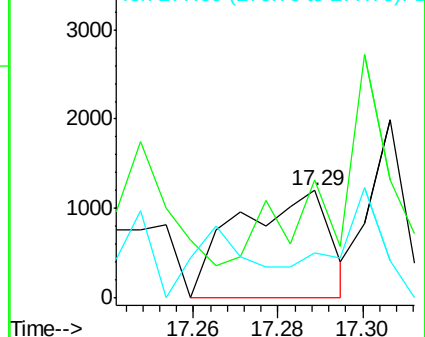
277 0.0 20.1 30.1#

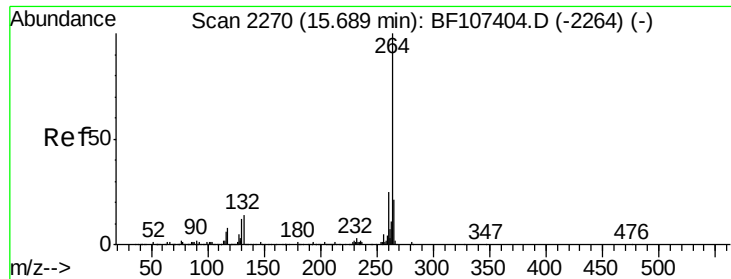


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

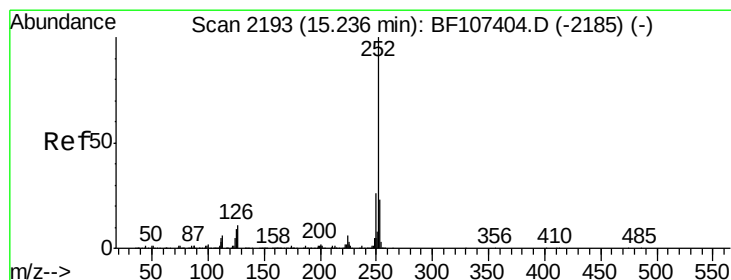
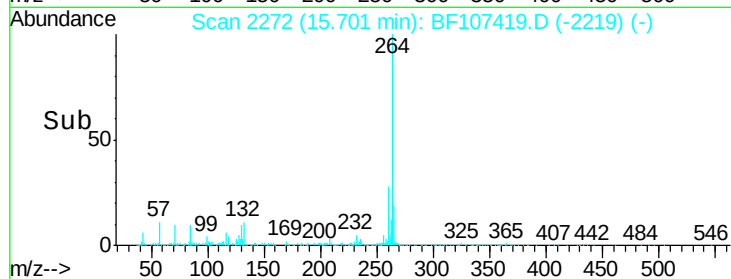
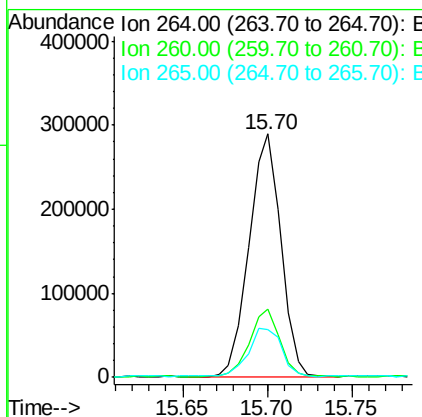
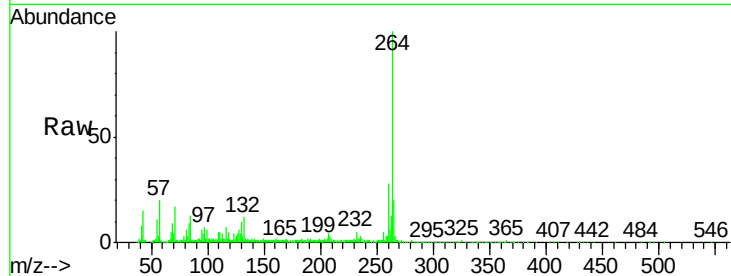




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

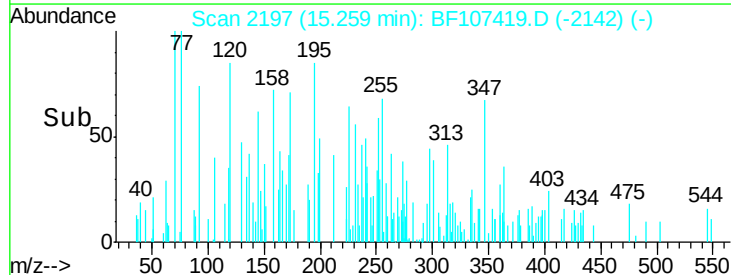
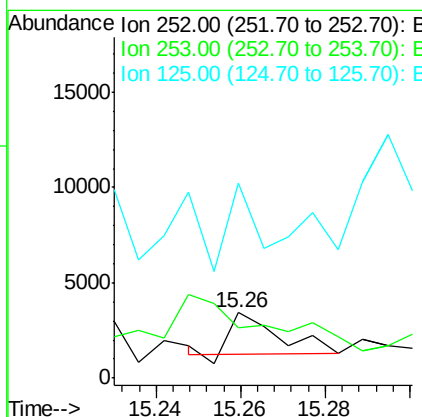
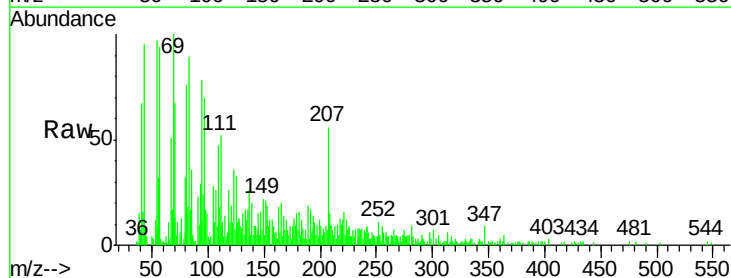
Instrument :
BNA_F
ClientSampleId :
DRUM-3

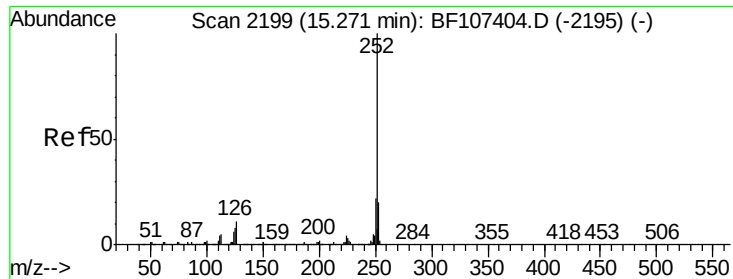
Tgt Ion:264 Resp: 383020
Ion Ratio Lower Upper
264 100
260 27.9 19.2 28.8
265 19.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.072 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF107419.D
Acq: 16 Jul 2018 22:55

Tgt Ion:252 Resp: 1623
Ion Ratio Lower Upper
252 100
253 76.6 17.0 25.6#
125 298.9 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 0.074 ng

RT: 15.26 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

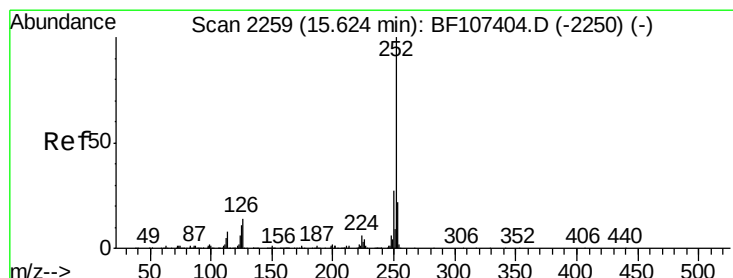
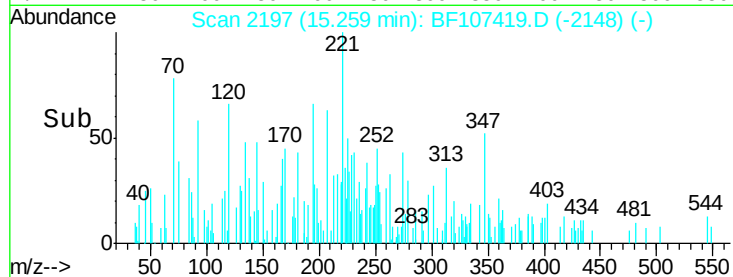
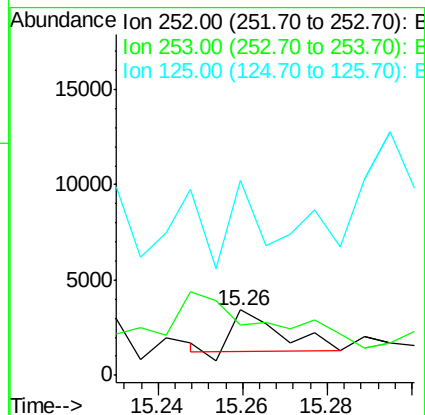
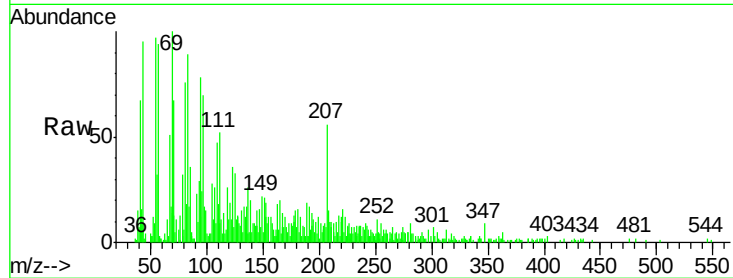
Tgt Ion:252 Resp: 1623

Ion Ratio Lower Upper

252 100

253 76.6 17.9 26.9#

125 298.9 10.2 15.2#



#89

Benzo(a)pyrene

Concen: 0.041 ng

RT: 15.63 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

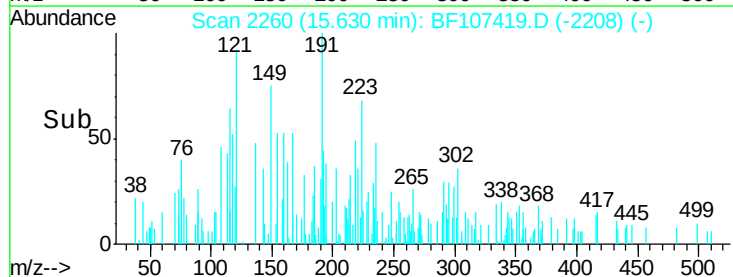
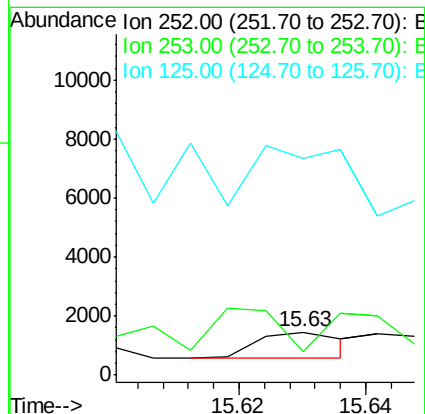
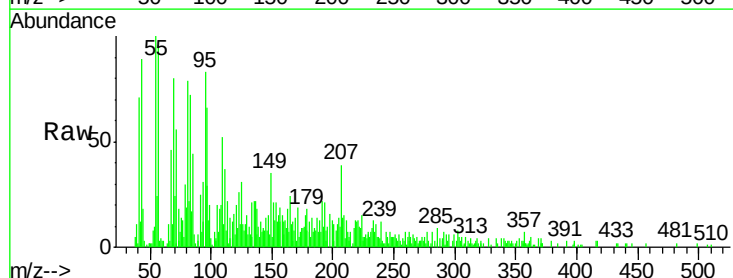
Tgt Ion:252 Resp: 837

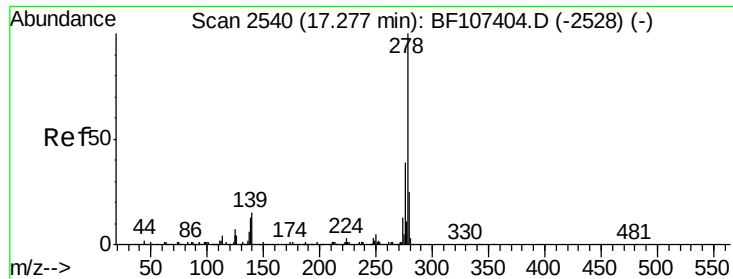
Ion Ratio Lower Upper

252 100

253 53.3 17.1 25.7#

125 504.6 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.117 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

Instrument :

BNA_F

ClientSampleId :

DRUM-3

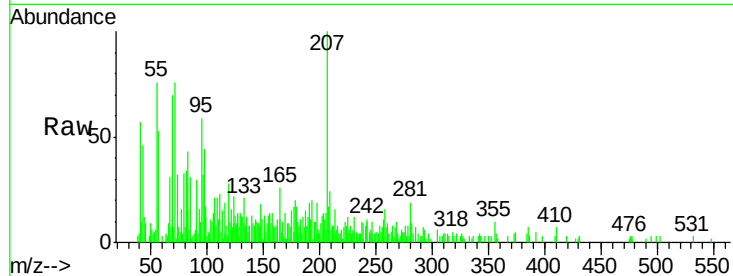
Tgt Ion:278 Resp: 1817

Ion Ratio Lower Upper

278 100

139 159.3 15.9 23.9#

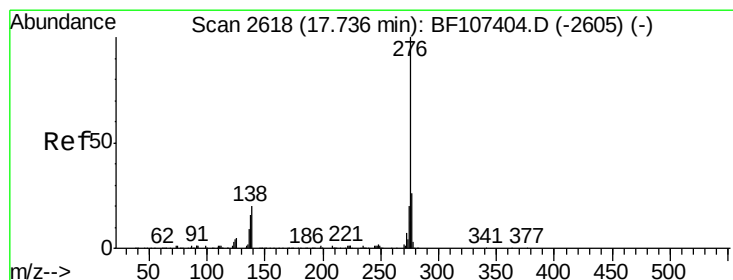
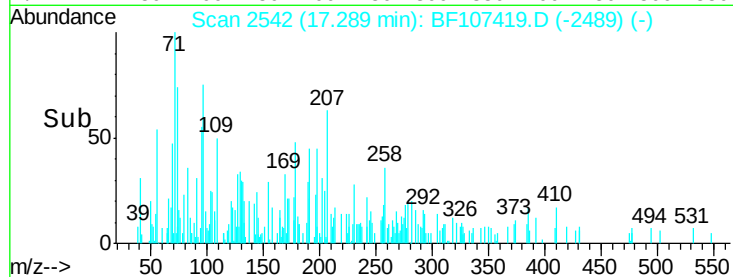
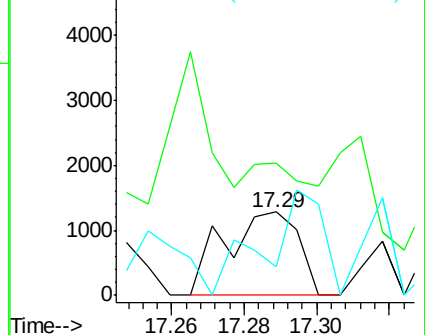
279 35.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.102 ng

RT: 17.57 min Scan# 2589

Delta R.T. -0.17 min

Lab File: BF107419.D

Acq: 16 Jul 2018 22:55

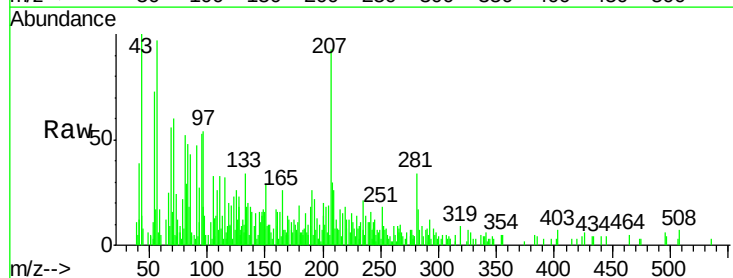
Tgt Ion:276 Resp: 1604

Ion Ratio Lower Upper

276 100

277 22.1 17.9 26.9

138 26.4 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

