

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107421.D
 Acq On : 16 Jul 2018 23:49
 Operator : JU/SJ
 Sample : J3821-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

Quant Time: Jul 17 01:02:07 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	151158	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	527393	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	248881	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	437029	20.00	ng	0.00
75) Chrysene-d12	14.17	240	396204	20.00	ng	0.00
86) Perylene-d12	15.70	264	279908	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	421853	42.39	ng	0.00
7) Phenol-d6	6.60	99	560793	43.58	ng	0.00
23) Nitrobenzene-d5	7.54	82	382454	38.67	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	97058	44.39	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	637363	36.52	ng	0.00
78) Terphenyl-d14	13.10	244	581676	36.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	1105	0.225	ng	# 1
3) Pyridine	3.64	79	163	0.012	ng	# 18
4) n-Nitrosodimethylamine	3.55	42	118	0.022	ng	# 1
6) Aniline	6.66	93	555	0.033	ng	# 1
8) 2-Chlorophenol	6.76	128	1054	0.105	ng	# 1
9) Benzaldehyde	6.53	77	1639	0.158	ng	# 1
10) Phenol	6.61	94	15080	1.093	ng	# 75
11) bis(2-Chloroethyl)ether	6.71	93	109	0.010	ng	# 1
12) 1,3-Dichlorobenzene	6.98	146	711	0.058	ng	# 1
13) 1,4-Dichlorobenzene	6.98	146	711	0.059	ng	# 1
14) 1,2-Dichlorobenzene	7.16	146	364	0.032	ng	# 1
15) Benzyl Alcohol	7.14	79	13543	1.048	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.42	45	405	0.034	ng	# 70
17) 2-Methylphenol	7.23	107	272	0.028	ng	# 16
18) Hexachloroethane	7.51	117	11593	2.572	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	4581	0.497	ng	# 54
20) 3+4-Methylphenols	7.37	107	1960	0.161	ng	# 1
22) Acetophenone	7.37	105	44331	3.059	ng	# 61
24) Nitrobenzene	7.55	77	4086	0.368	ng	# 32
25) Isophorone	7.54	82	382454	19.509	ng	# 65
26) 2-Nitrophenol	7.87	139	1618	0.428	ng	# 5
27) 2,4-Dimethylphenol	7.92	122	1186	0.151	ng	# 29
28) bis(2-Chloroethoxy)methane	7.99	93	3052	0.249	ng	# 1
29) 2,4-Dichlorophenol	8.11	162	381	0.046	ng	# 19
30) 1,2,4-Trichlorobenzene	8.22	180	308	0.031	ng	# 1
31) Naphthalene	8.28	128	45626	1.781	ng	# 92
32) Benzoic acid	7.95	122	582	0.120	ng	# 91
33) 4-Chloroaniline	8.34	127	1760	0.159	ng	# 1
34) Hexachlorobutadiene	8.37	225	124	0.019	ng	# 18
35) Caprolactam	8.70	113	2864	1.074	ng	# 1
36) 4-Chloro-3-methylphenol	8.81	107	2603	0.243	ng	# 33
37) 2-Methylnaphthalene	8.98	142	32449	1.922	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	113	0.012	ng	# 1
40) Hexachlorocyclopentadiene	9.01	237	114	0.023	ng	# 26

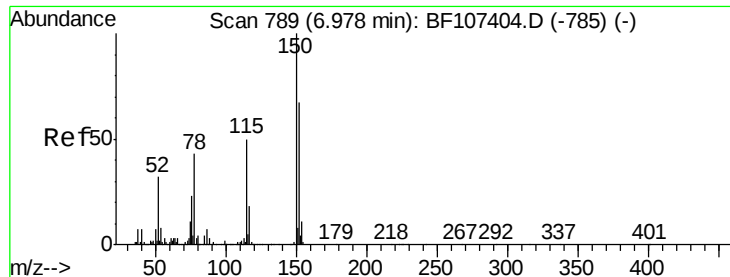
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	593	0.098	ng	# 13
43) 2,4,5-Trichlorophenol	9.27	196	544	0.094	ng	# 1
45) 1,1'-Biphenyl	9.44	154	16009	0.744	ng	95
46) 2-Chloronaphthalene	9.45	162	390	0.023	ng	# 1
47) 2-Nitroaniline	9.57	65	2107	0.405	ng	# 27
48) Acenaphthylene	9.88	152	8300	0.350	ng	# 79
49) Dimethylphthalate	9.73	163	107655	5.444	ng	# 95
50) 2,6-Dinitrotoluene	9.79	165	2973	0.788	ng	# 67
51) Acenaphthene	10.05	154	40281	2.562	ng	98
52) 3-Nitroaniline	9.98	138	1142	0.288	ng	# 18
53) 2,4-Dinitrophenol	10.18	184	186	2.452	ng	# 1
54) Dibenzofuran	10.22	168	35650	1.467	ng	# 89
55) 4-Nitrophenol	10.17	139	1818	0.567	ng	# 87
56) 2,4-Dinitrotoluene	10.18	165	1562	0.318	ng	# 21
57) Fluorene	10.57	166	49821	3.096	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	114	0.020	ng	# 1
59) Diethylphthalate	10.43	149	4559	0.237	ng	# 18
60) 4-Chlorophenyl-phenylether	10.55	204	712	0.074	ng	# 74
61) 4-Nitroaniline	10.57	138	1797	0.476	ng	# 72
62) Azobenzene	10.74	77	2833	0.126	ng	# 4
64) 4,6-Dinitro-2-methylphenol	10.65	198	220	7.568	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3377	0.245	ng	# 64
66) 4-Bromophenyl-phenylether	11.14	248	655	0.131	ng	# 1
67) Hexachlorobenzene	11.31	284	163	0.035	ng	# 1
68) Atrazine	10.99	200	1155	0.221	ng	# 89
69) Pentachlorophenol	11.31	266	125	0.037	ng	# 19
70) Phenanthrene	11.54	178	530402	24.353	ng	99
71) Anthracene	11.54	178	530402	24.450	ng	98
72) Carbazole	11.74	167	49993	2.434	ng	# 97
73) Di-n-butylphthalate	12.07	149	7721	0.327	ng	# 83
74) Fluoranthene	12.74	202	710531	28.703	ng	92
76) Benzidine	12.86	184	1057	0.069	ng	# 1
77) Pyrene	12.97	202	678798	25.194	ng	97
79) Butylbenzylphthalate	13.57	149	4618	0.471	ng	# 49
80) Benzo(a)anthracene	14.15	228	391458	16.148	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	1664	0.205	ng	# 21
82) Chrysene	14.19	228	343686	14.841	ng	97
83) Bis(2-ethylhexyl)phthalate	14.13	149	25748	1.831	ng	# 94
84) Di-n-octyl phthalate	14.77	149	1503	0.069	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.27	276	95842	5.814	ng	# 88
87) Benzo(b)fluoranthene	15.24	252	438163	26.744	ng	# 90
88) Benzo(k)fluoranthene	15.24	252	438163	27.404	ng	# 91
89) Benzo(a)pyrene	15.63	252	222821	14.818	ng	# 92
90) Dibenzo(a,h)anthracene	17.27	278	27499	2.423	ng	# 79
91) Benzo(g,h,i)perylene	17.74	276	84498	7.327	ng	# 89

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

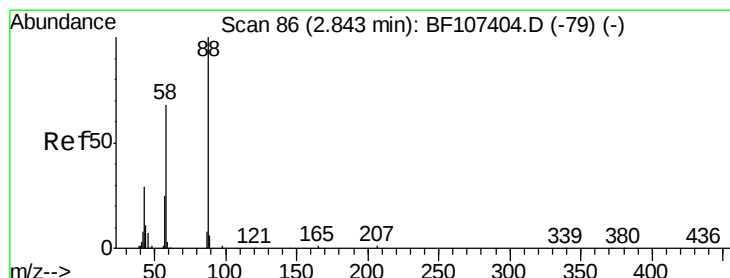
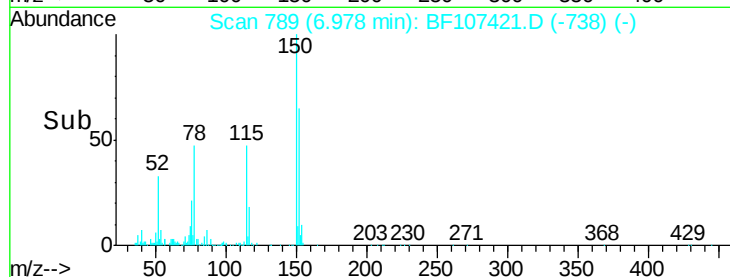
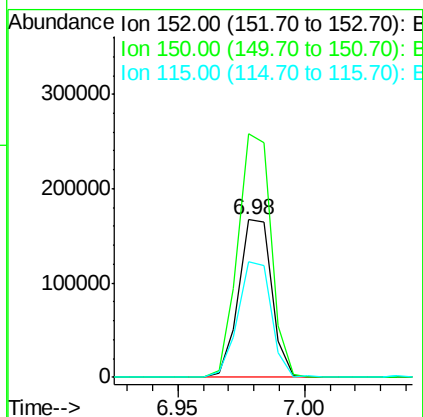
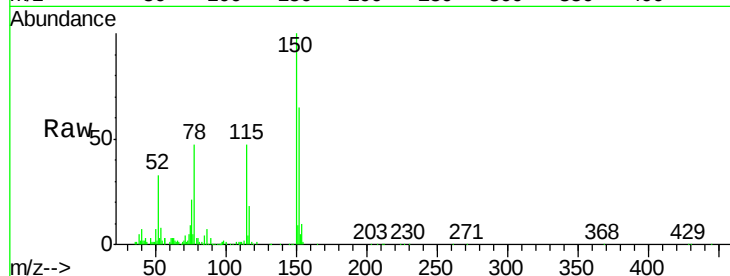


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

Instrument :
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ClientSampleId :
HR-05-071218-B

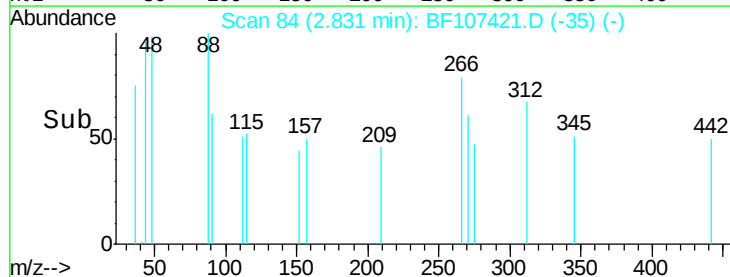
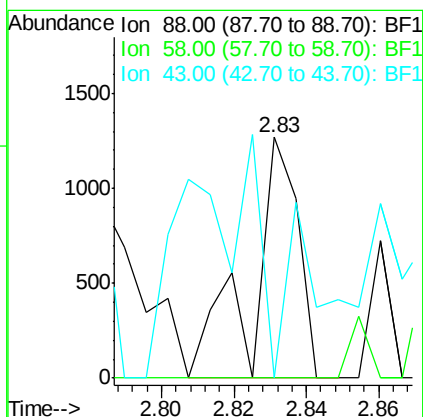
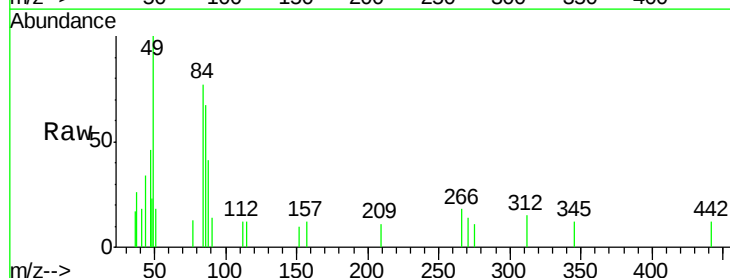
Tgt Ion:152 Resp: 151158
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 73.3 50.1 75.1

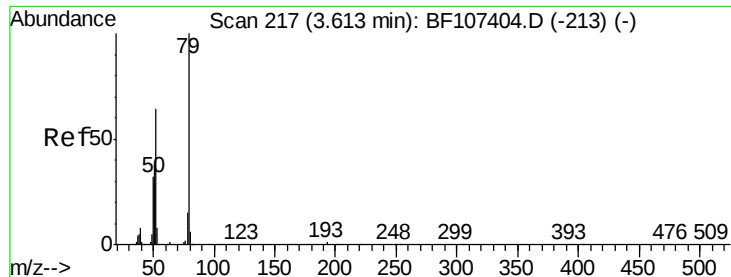


#2

1,4-Dioxane
Concen: 0.225 ng
RT: 2.83 min Scan# 84
Delta R.T. -0.01 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

Tgt Ion: 88 Resp: 1105
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 147.2 24.6 37.0#





#3

Pyridine

Concen: 0.012 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

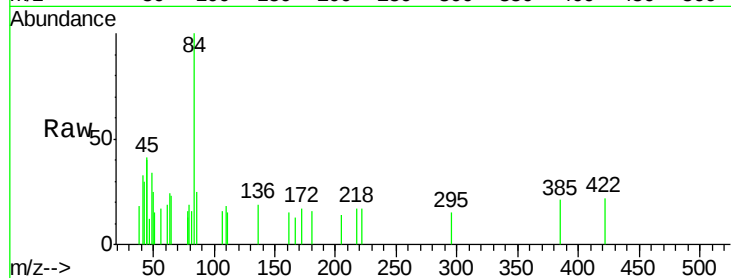
Tgt Ion: 79 Resp: 163

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

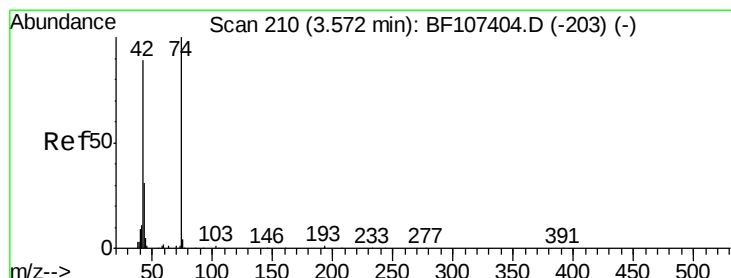
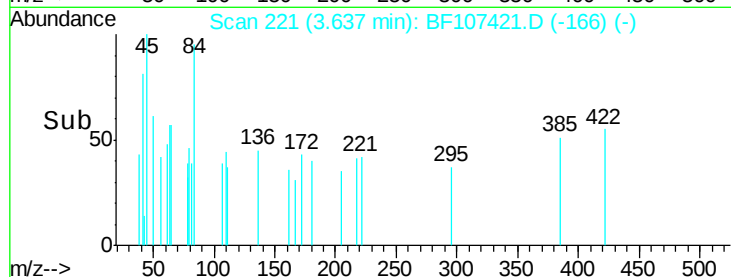
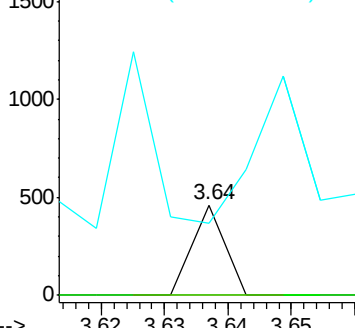
51 79.4 29.8 44.8#



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: 0.022 ng

RT: 3.55 min Scan# 207

Delta R.T. -0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

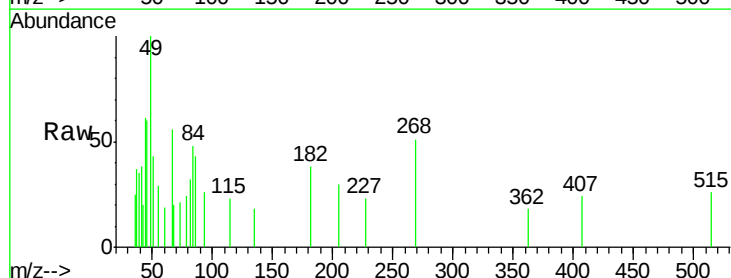
Tgt Ion: 42 Resp: 118

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

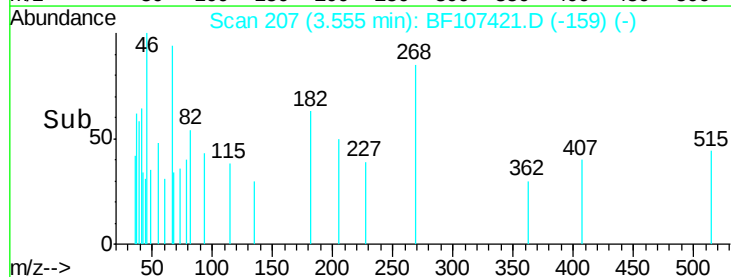
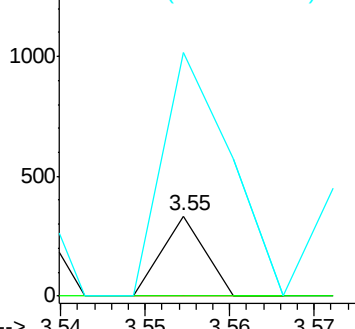
44 303.3 6.9 10.3#

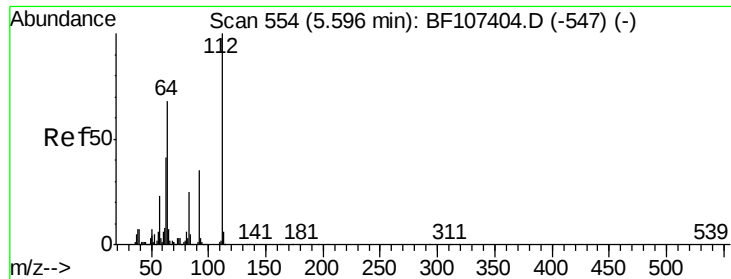


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 42.385 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

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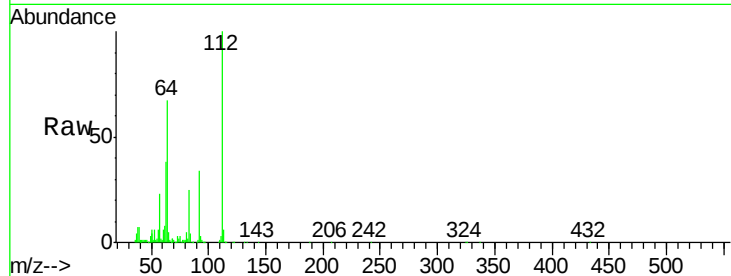
Tgt Ion: 112 Resp: 421853

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

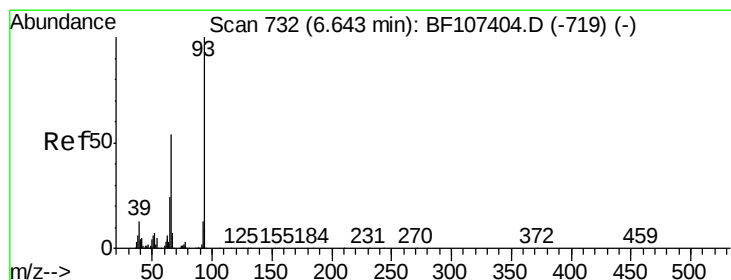
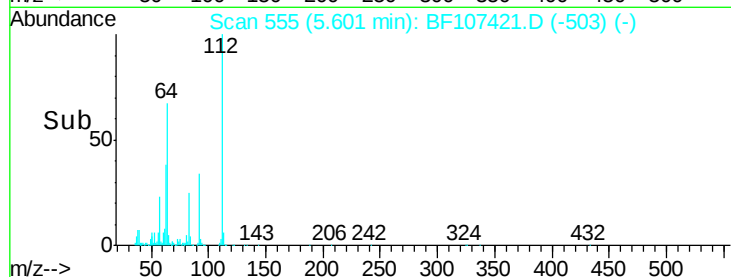
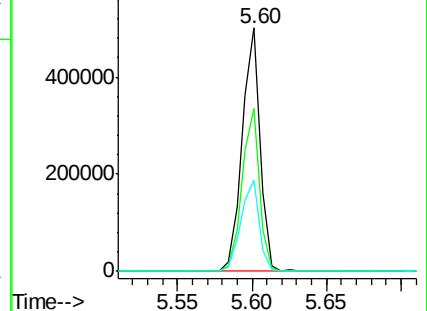
63 37.8 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.033 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

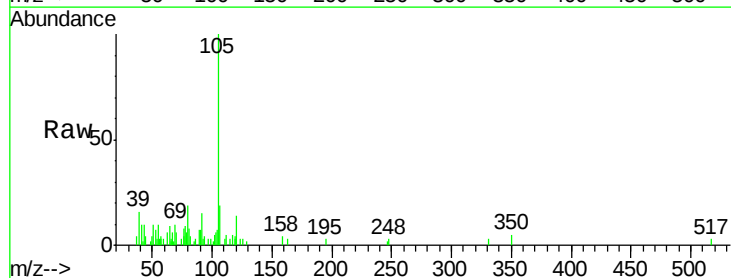
Tgt Ion: 93 Resp: 555

Ion Ratio Lower Upper

93 100

66 71.5 32.2 48.2#

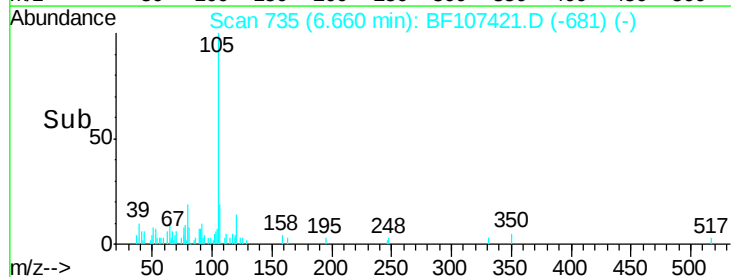
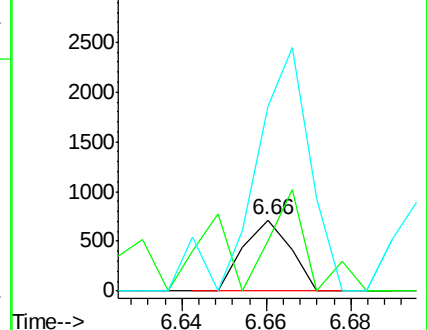
65 260.1 16.4 24.6#

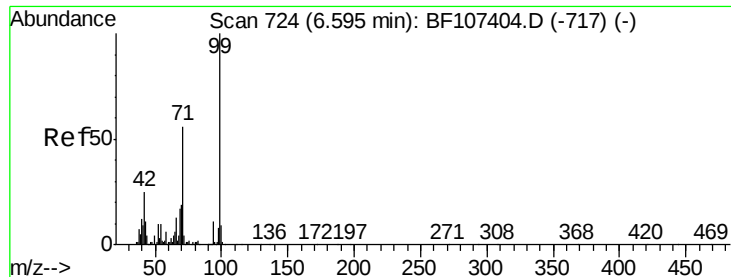


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 43.581 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

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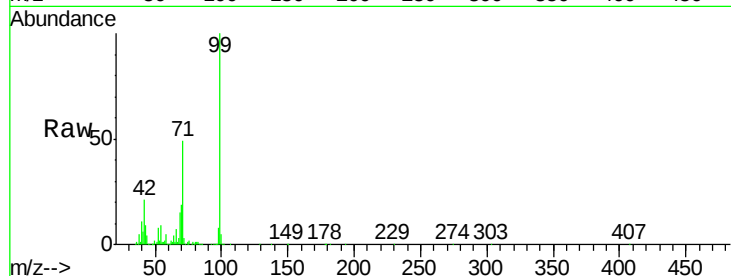
Tgt Ion: 99 Resp: 560793

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

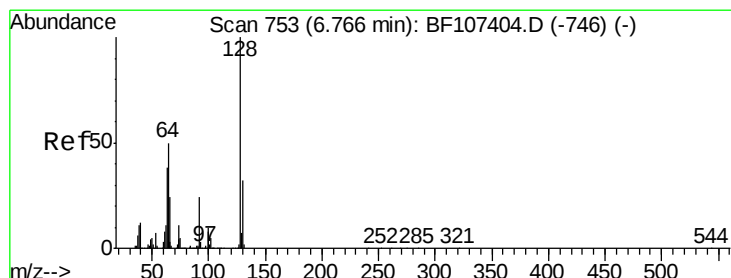
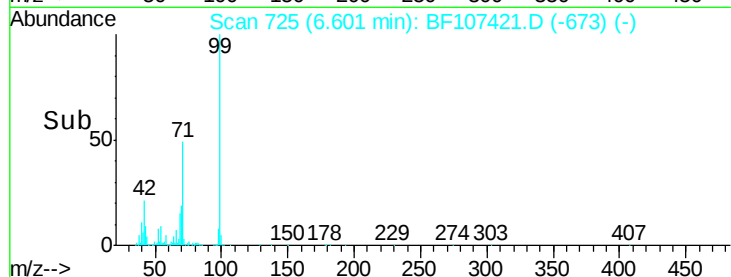
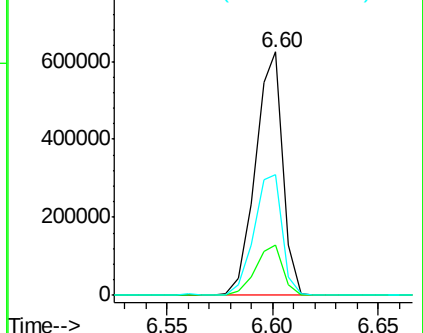
71 49.4 25.4 38.0#



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: 0.105 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

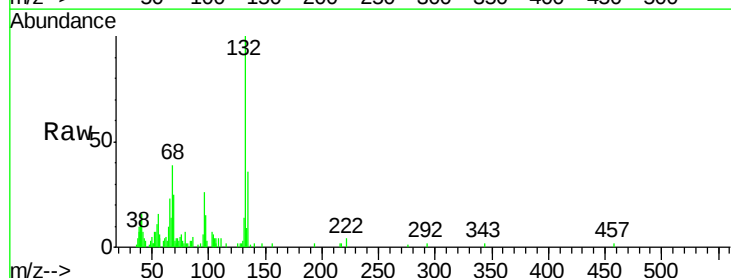
Tgt Ion: 128 Resp: 1054

Ion Ratio Lower Upper

128 100

130 73.3 13.0 53.0#

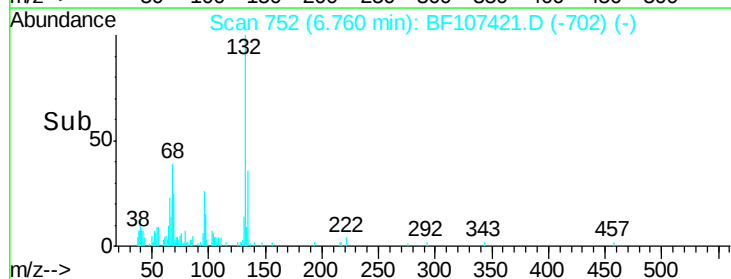
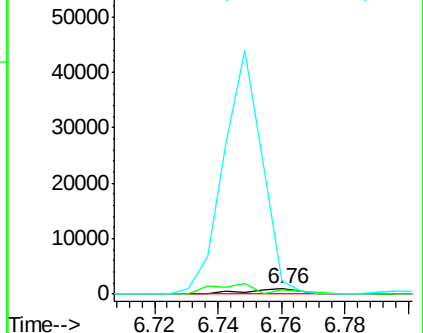
64 253.2 29.4 69.4#

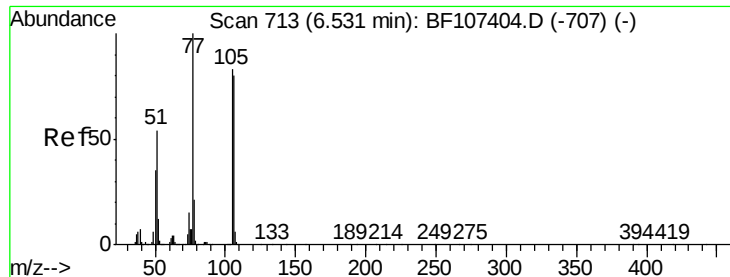


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.158 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

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HR-05-071218-B

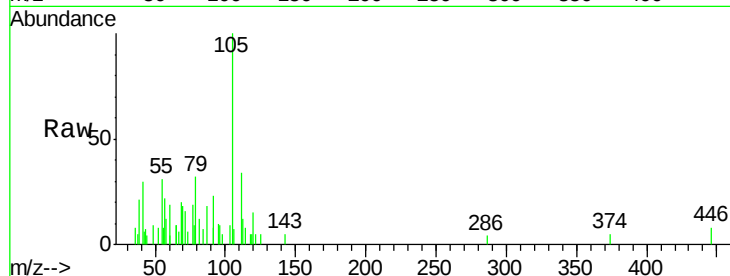
Tgt Ion: 77 Resp: 1639

Ion Ratio Lower Upper

77 100

105 529.6 81.1 121.1#

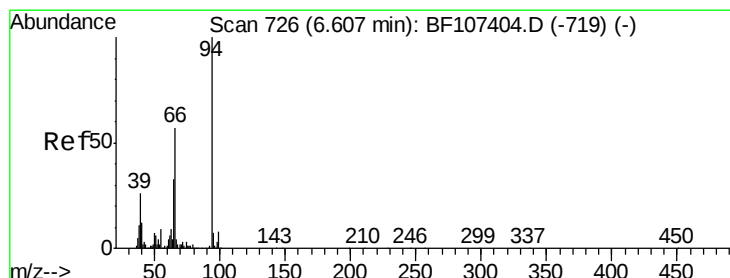
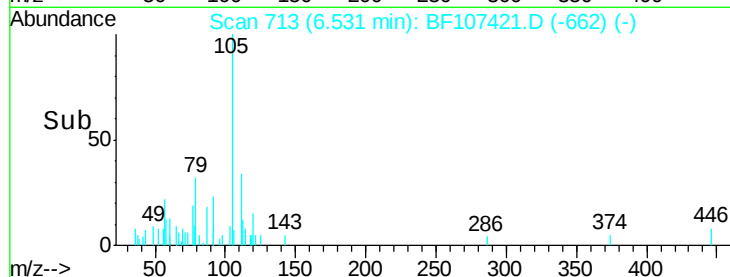
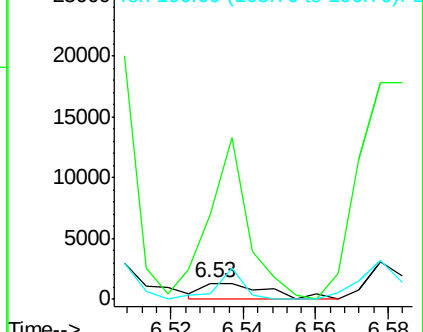
106 37.5 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.093 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

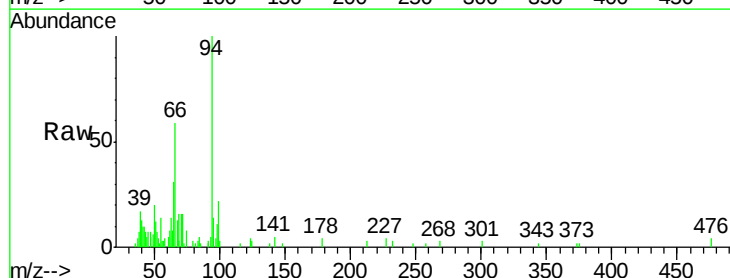
Tgt Ion: 94 Resp: 15080

Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

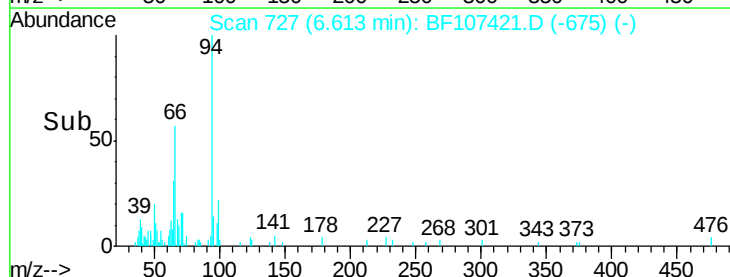
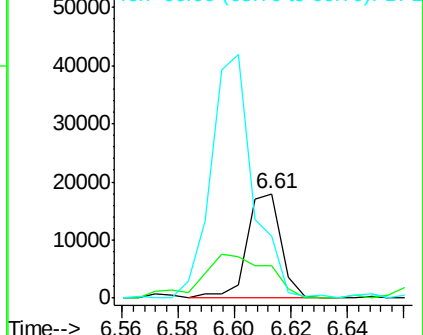
66 59.1 16.2 56.2#

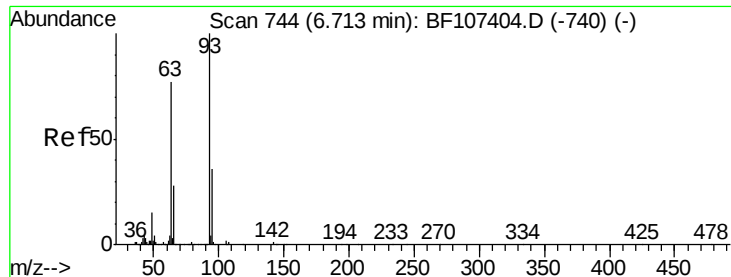


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.010 ng

RT: 6.71 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

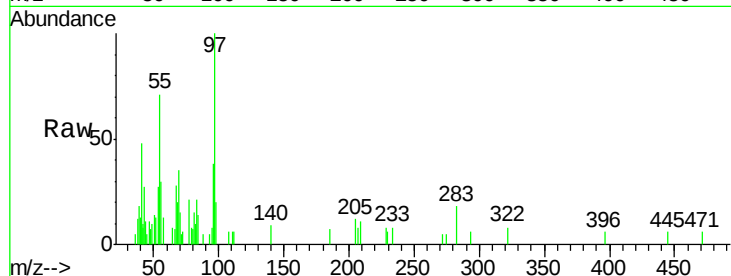
Tgt Ion: 93 Resp: 109

Ion Ratio Lower Upper

93 100

63 0.0 58.6 98.6#

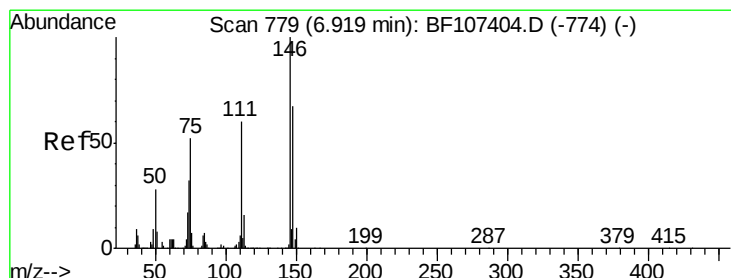
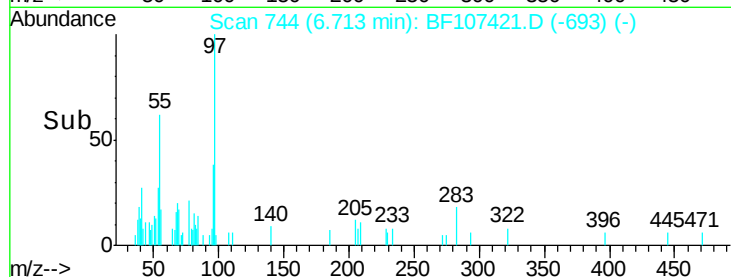
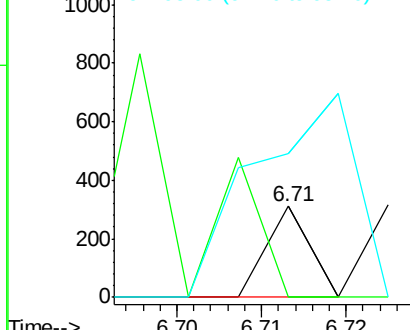
95 158.7 11.8 51.8#



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: 0.058 ng

RT: 6.98 min Scan# 789

Delta R.T. 0.06 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

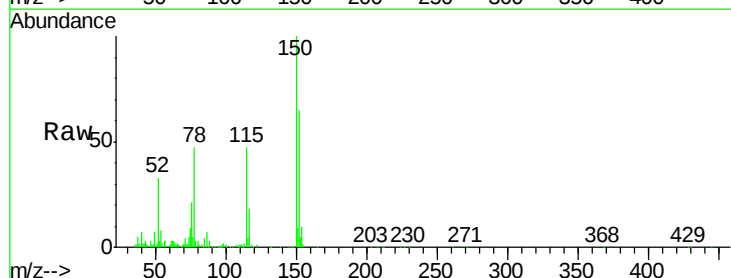
Tgt Ion: 146 Resp: 711

Ion Ratio Lower Upper

146 100

148 0.0 51.8 77.8#

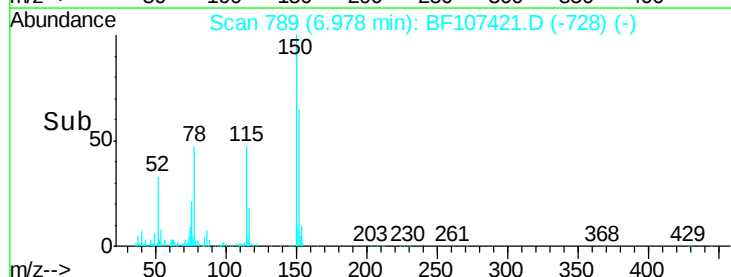
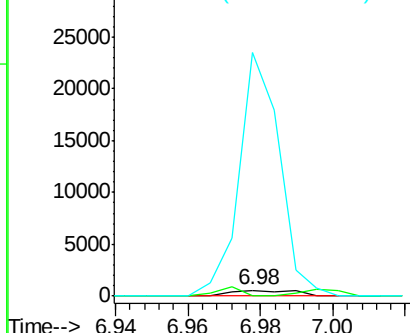
75 4174.8 24.2 36.4#

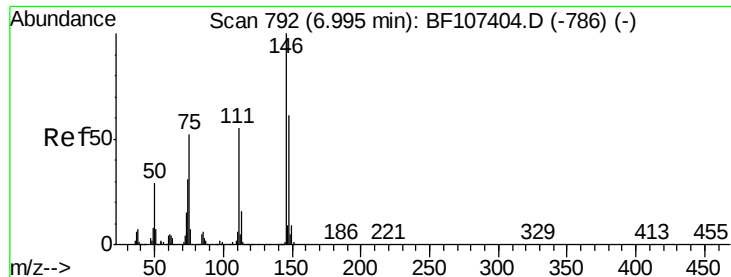


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

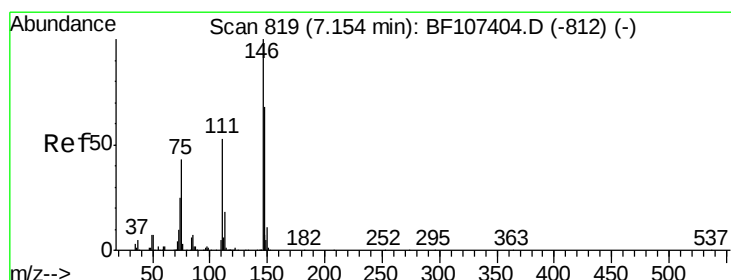
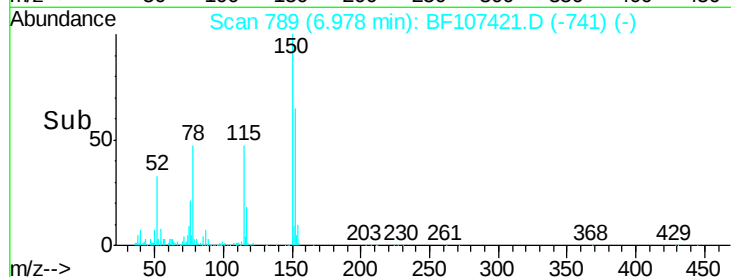
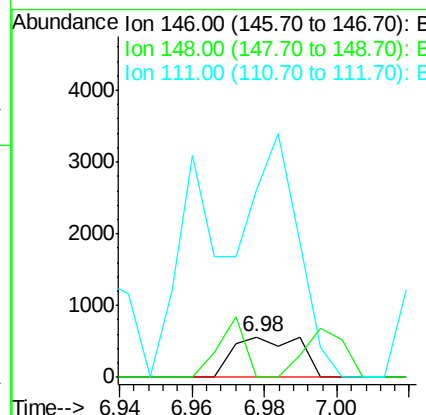
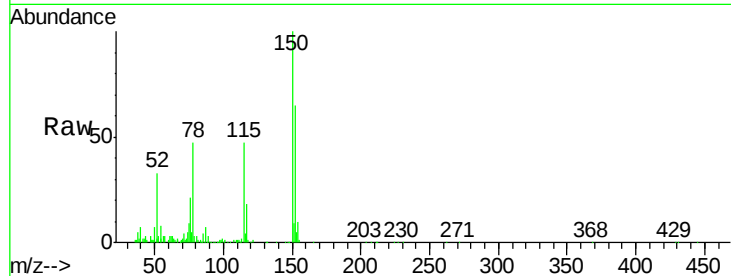




#13
 1,4-Dichlorobenzene
 Concen: 0.059 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

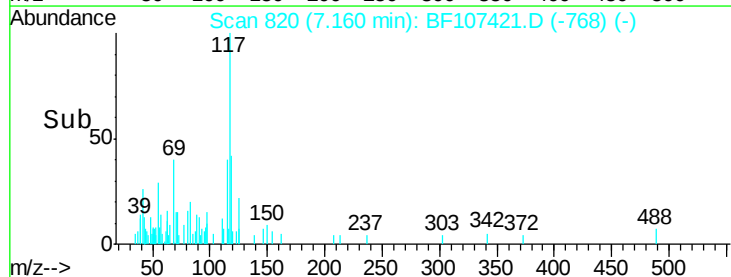
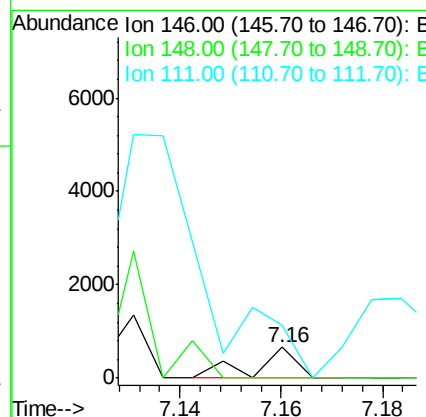
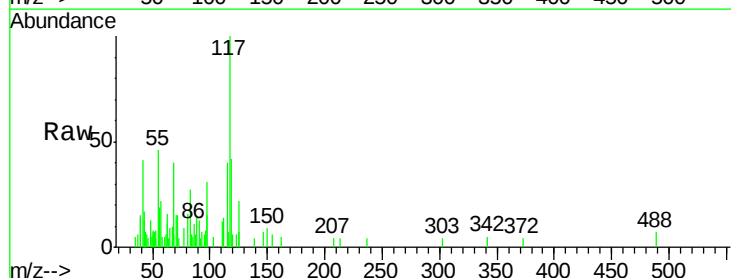
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

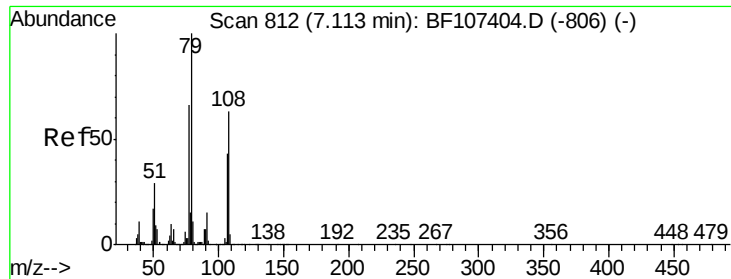
Tgt Ion:146 Resp: 711
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.8 76.2#
 111 463.8 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 0.032 ng
 RT: 7.16 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion:146 Resp: 364
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.6 75.8#
 111 171.0 36.0 54.0#





#15

Benzyl Alcohol

Concen: 1.048 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

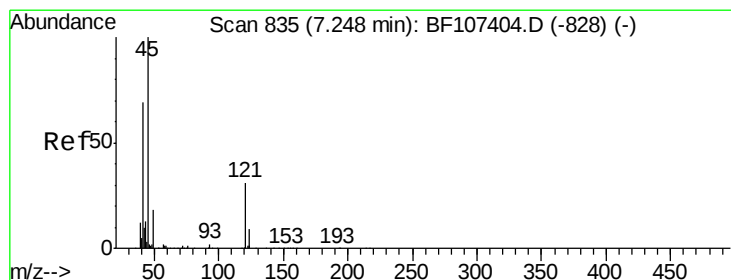
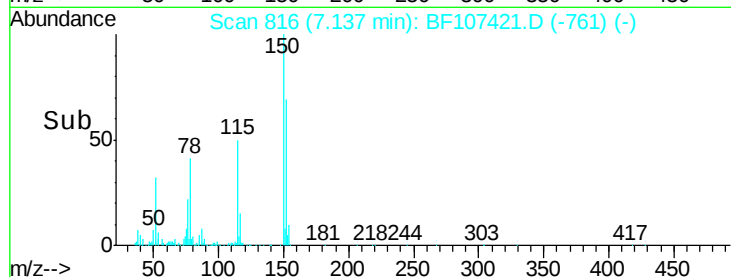
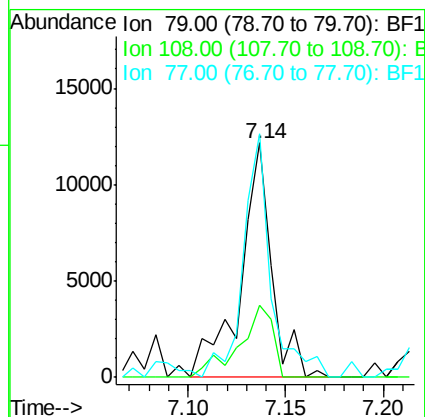
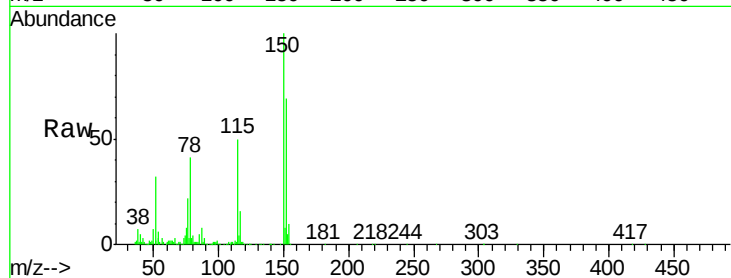
Tgt Ion: 79 Resp: 13543

Ion Ratio Lower Upper

79 100

108 30.8 65.1 97.7#

77 103.8 50.6 75.8#



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.034 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.18 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

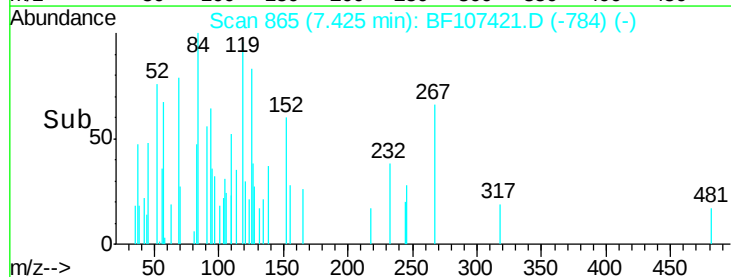
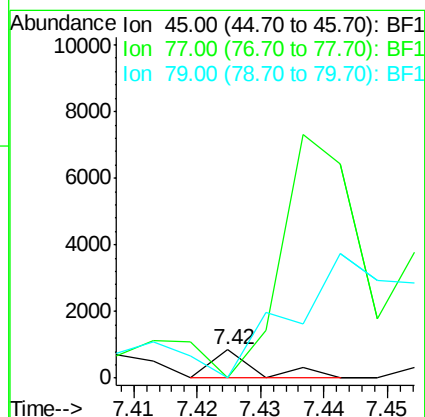
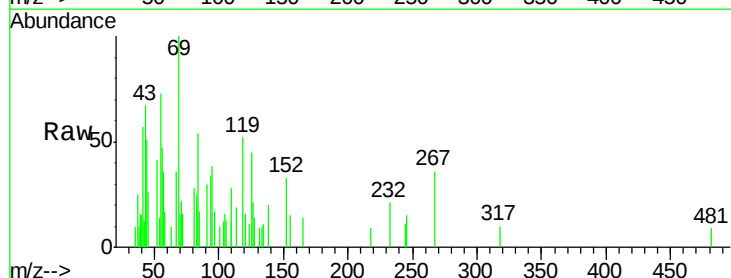
Tgt Ion: 45 Resp: 405

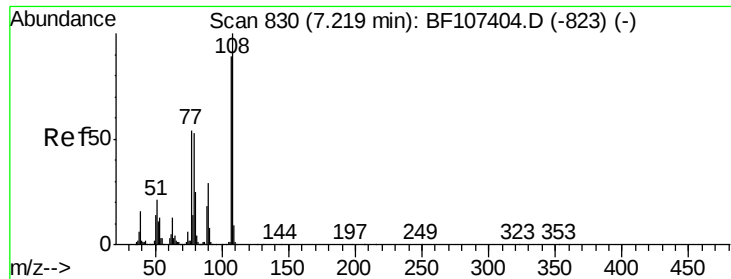
Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

79 0.0 0.0 29.6





#17

2-Methylphenol

Concen: 0.028 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

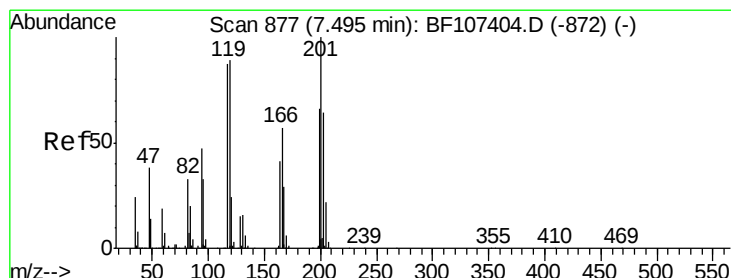
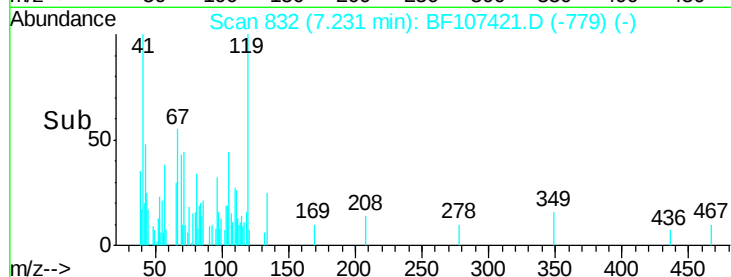
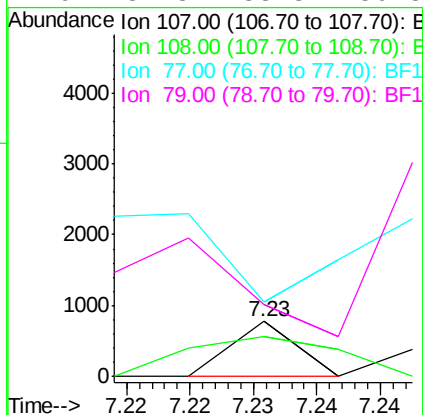
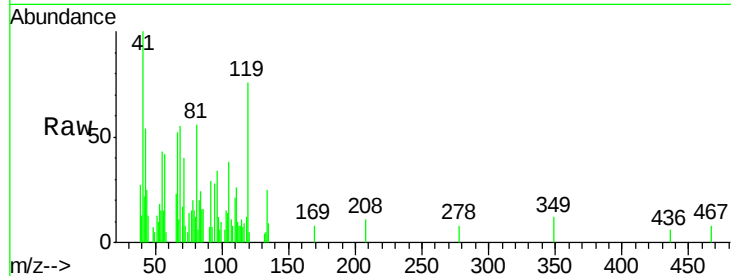
Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

Tgt Ion:	107	Resp:	272
Ion	Ratio	Lower	Upper
107	100		
108	72.1	91.7	137.5#
77	137.1	33.8	50.8#
79	132.3	33.8	50.8#



#18

Hexachloroethane

Concen: 2.572 ng

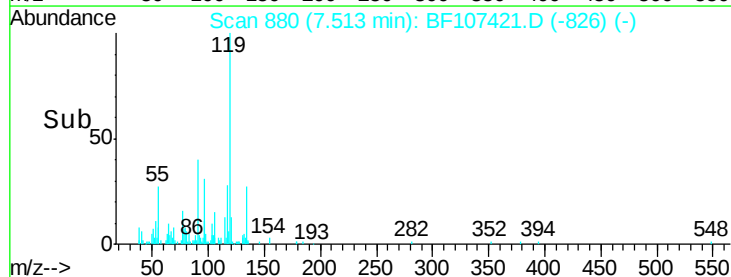
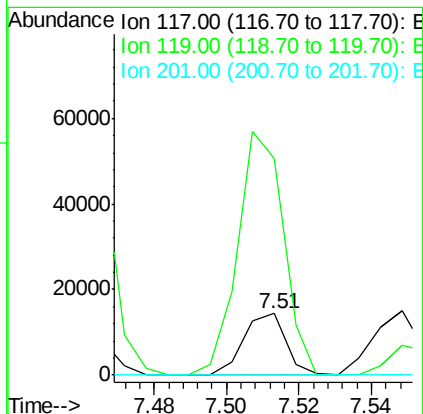
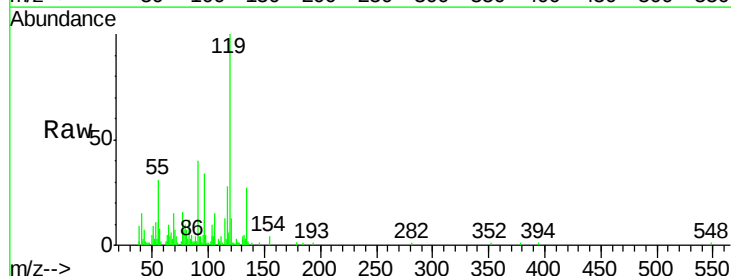
RT: 7.51 min Scan# 880

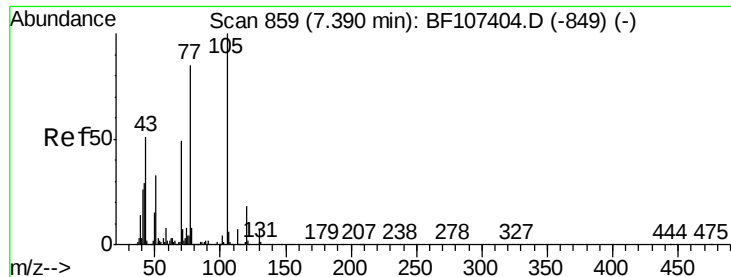
Delta R.T. 0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Tgt Ion:	117	Resp:	11593
Ion	Ratio	Lower	Upper
117	100		
119	352.7	75.8	113.8#
201	0.0	75.7	113.5#

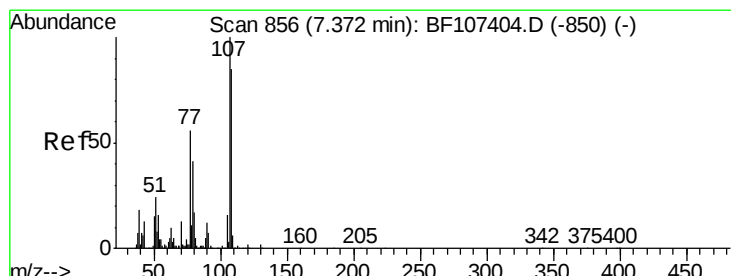
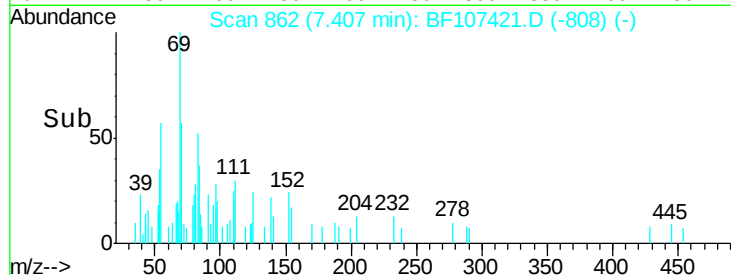
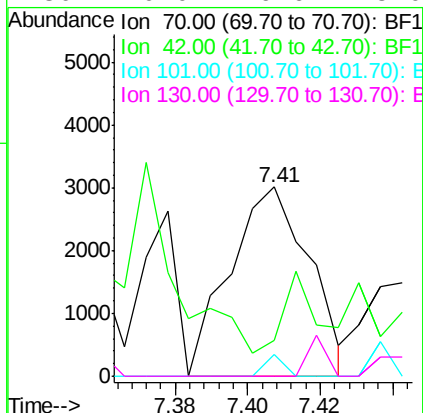
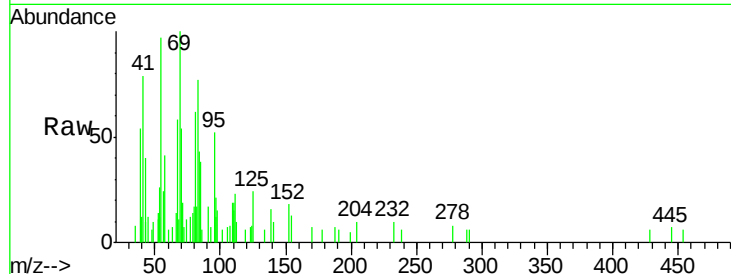




#19
n-Nitroso-di-n-propylamine
Concen: 0.497 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

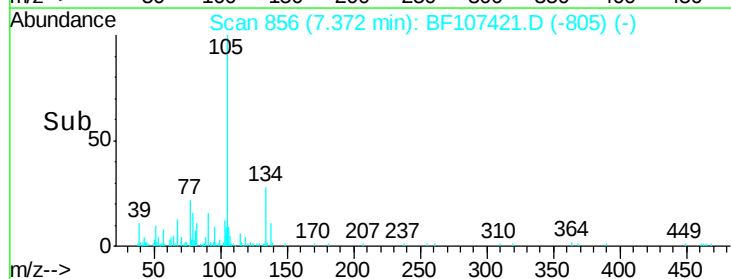
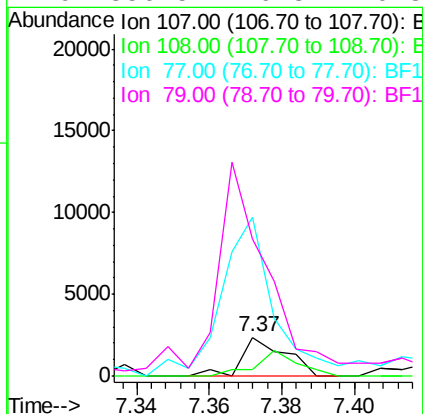
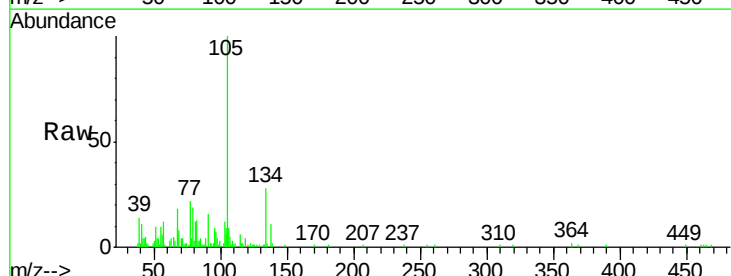
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-B

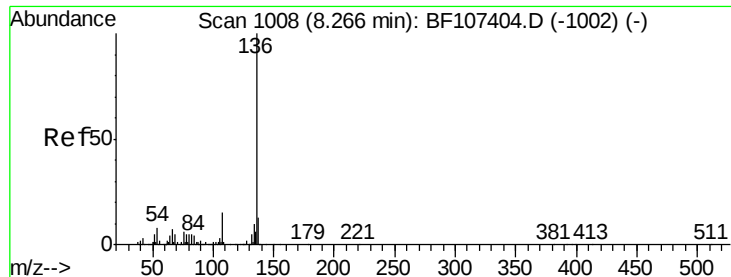
Tgt Ion: 70 Resp: 4581
Ion Ratio Lower Upper
70 100
42 19.2 47.5 71.3#
101 11.3 7.4 11.2#
130 0.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.161 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

Tgt Ion: 107 Resp: 1960
Ion Ratio Lower Upper
107 100
108 15.9 68.2 108.2#
77 412.1 26.7 66.7#
79 356.5 6.3 46.3#

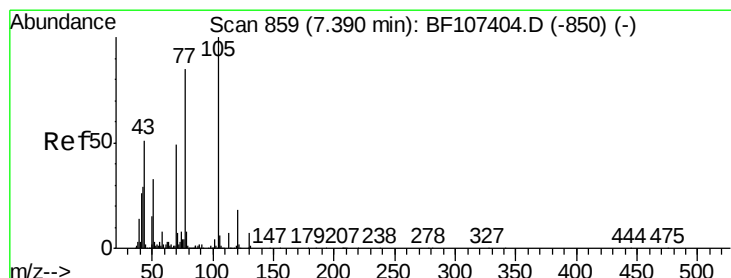
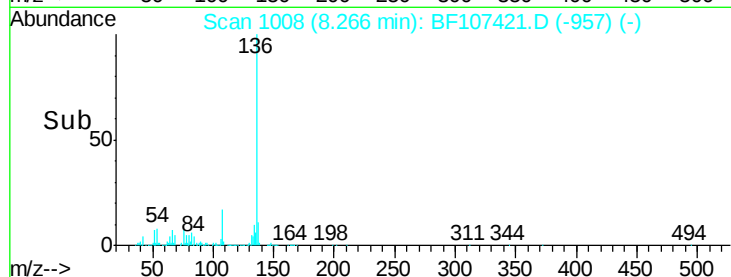
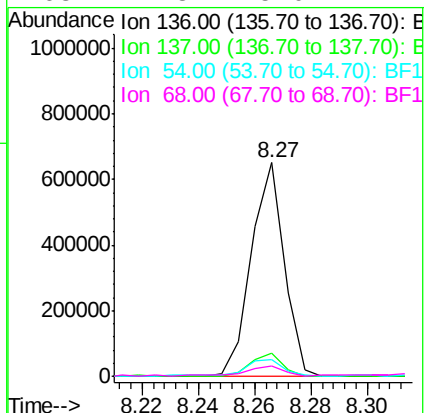
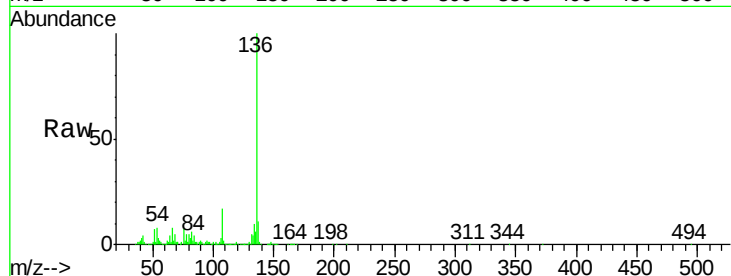




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

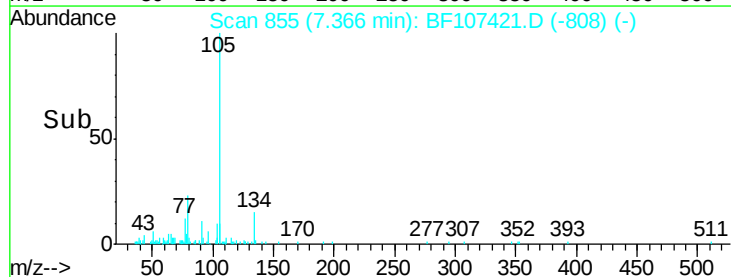
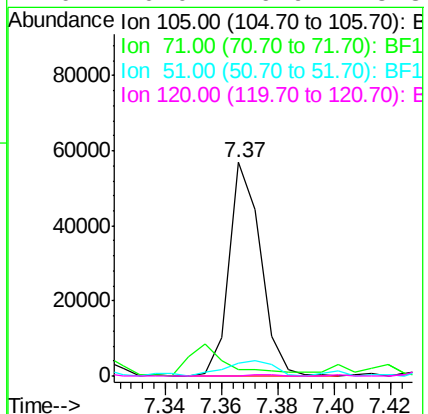
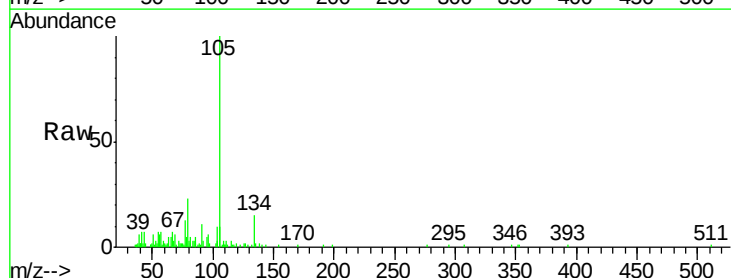
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-B

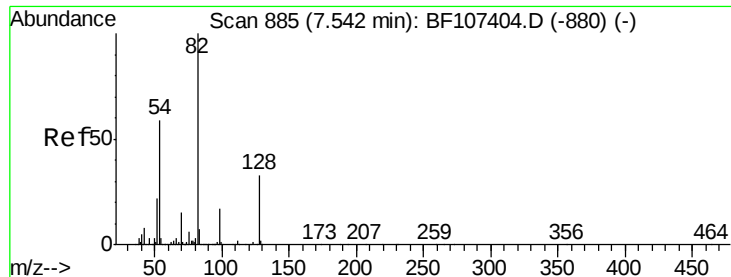
Tgt Ion:	136	Resp:	527393
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	4.8	5.0	7.4#



#22
Acetophenone
Concen: 3.059 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

Tgt Ion:	105	Resp:	44331
Ion	Ratio	Lower	Upper
105	100		
71	3.2	4.4	6.6#
51	6.1	22.3	33.5#
120	0.0	16.9	25.3#

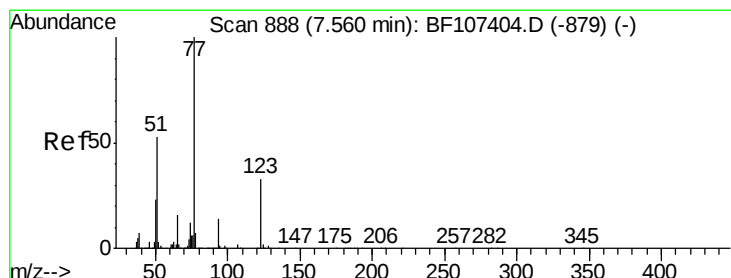
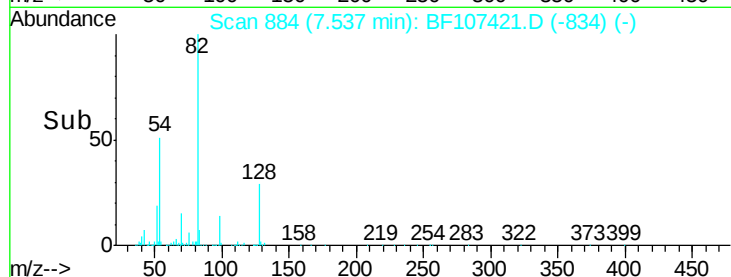
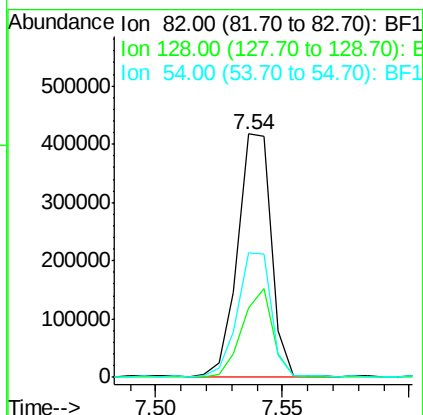
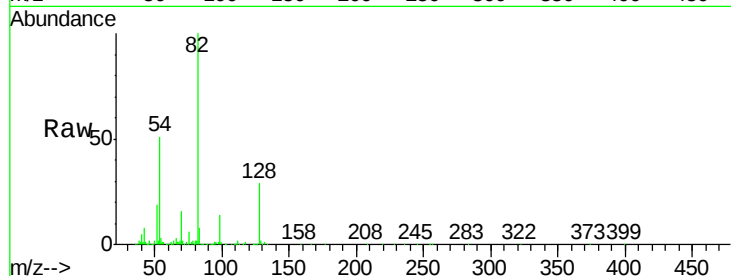




#23
 Nitrobenzene-d5
 Concen: 38.670 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

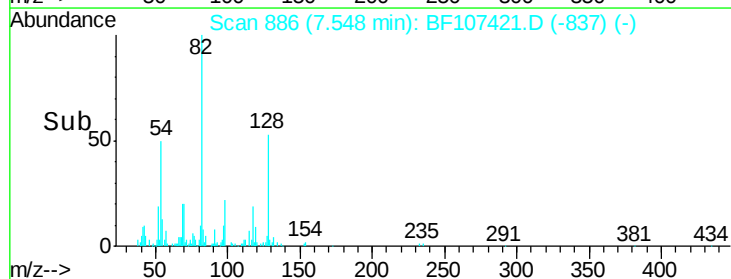
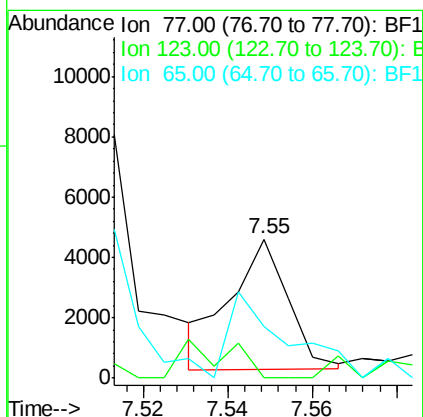
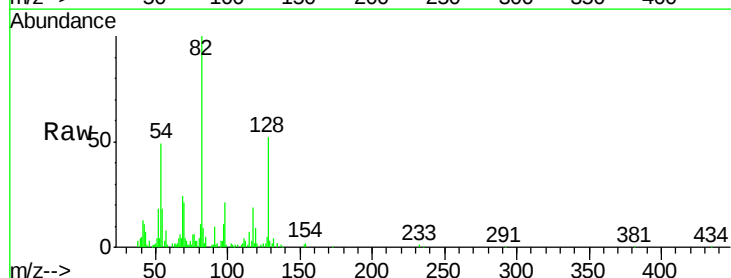
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

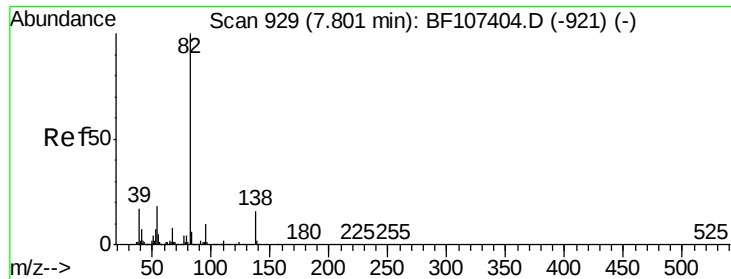
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.7	36.1	54.1#
54	51.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 0.368 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	37.5	11.0	16.4#





#25

Isophorone

Concen: 19.509 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

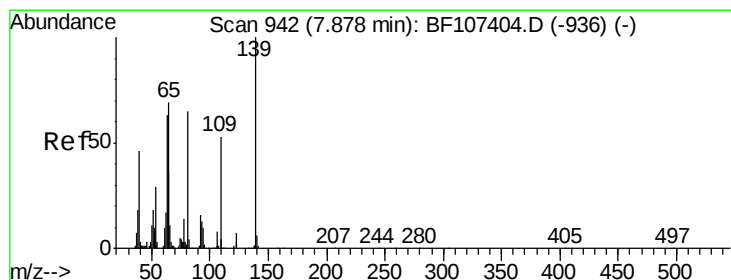
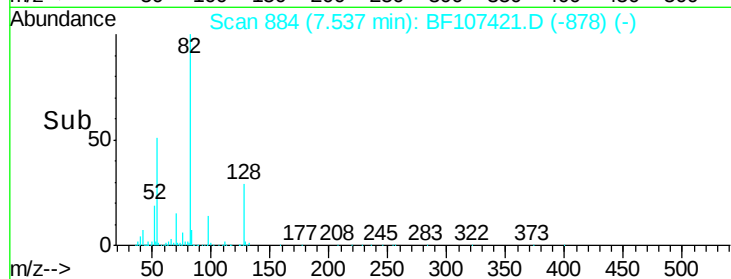
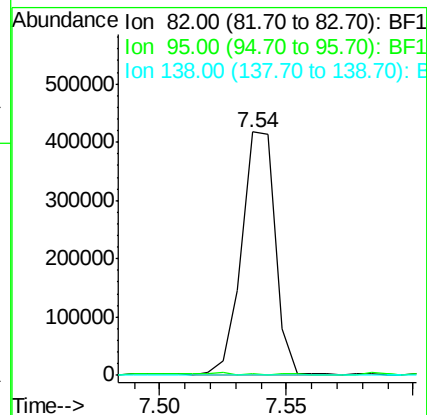
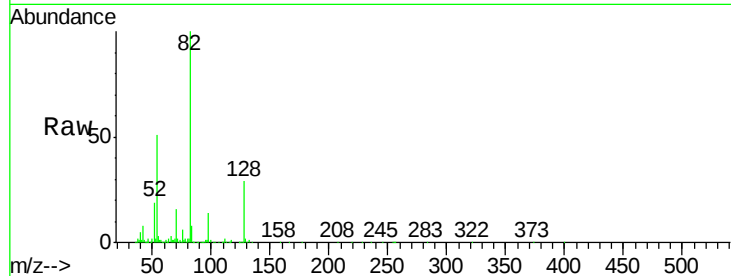
Tgt Ion: 82 Resp: 382454

Ion Ratio Lower Upper

82 100

95 0.7 5.2 7.8#

138 0.0 14.9 22.3#



#26

2-Nitrophenol

Concen: 0.428 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

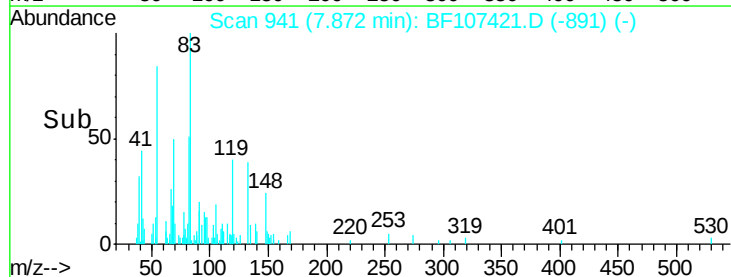
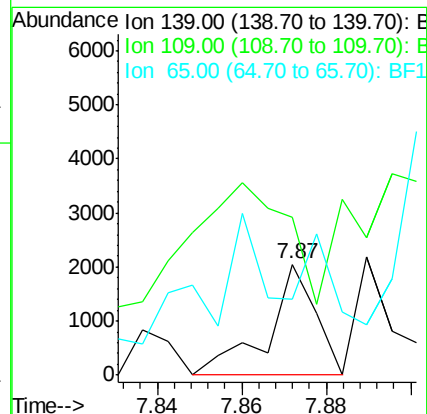
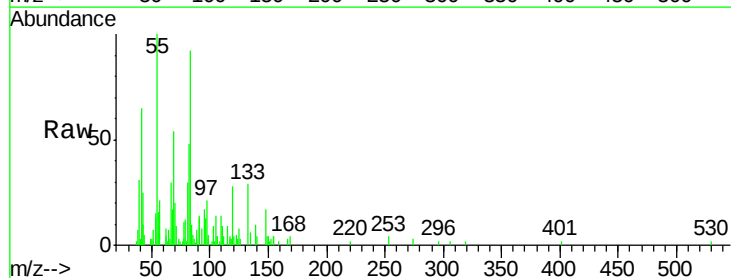
Tgt Ion: 139 Resp: 1618

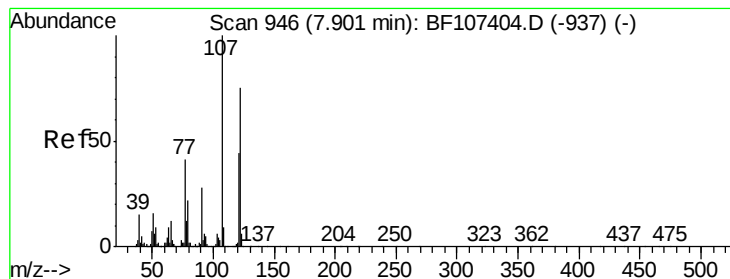
Ion Ratio Lower Upper

139 100

109 142.6 22.7 34.1#

65 69.0 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 0.151 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

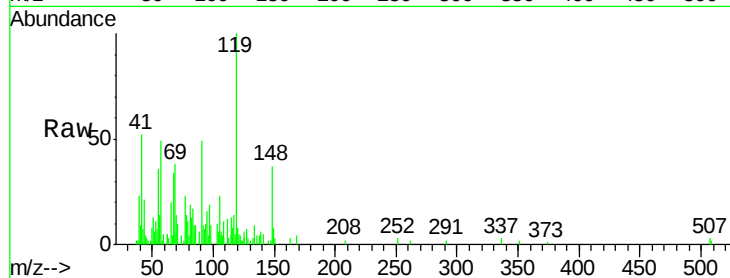
Tgt Ion:122 Resp: 1186

Ion Ratio Lower Upper

122 100

107 192.7 91.2 136.8#

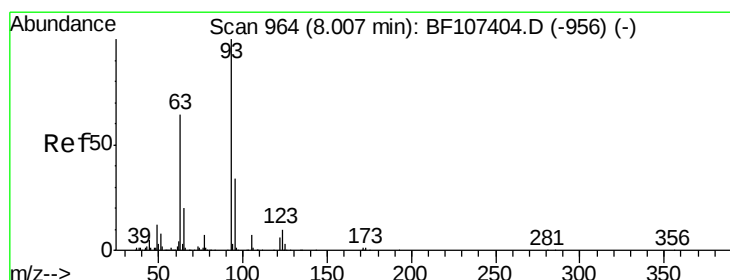
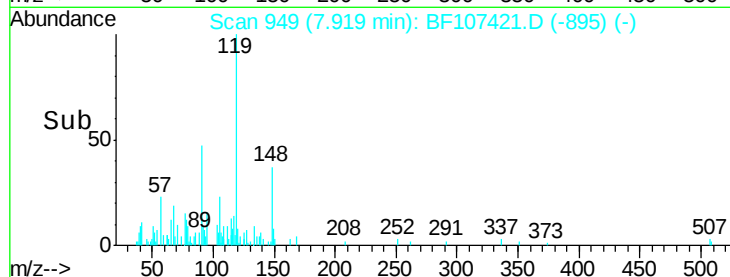
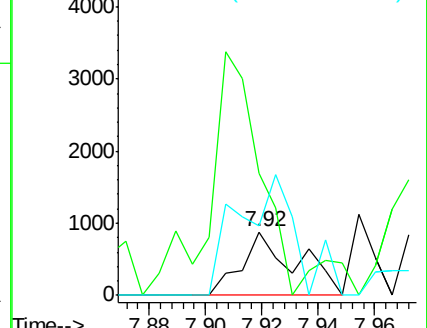
121 109.3 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.249 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

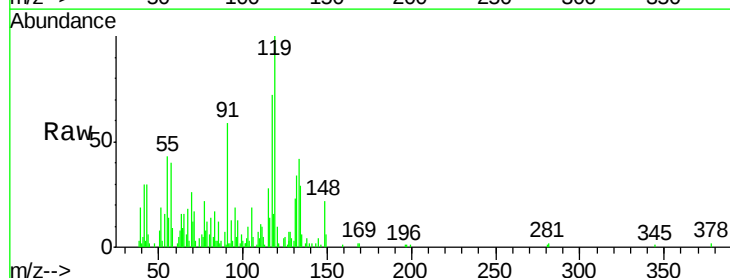
Tgt Ion: 93 Resp: 3052

Ion Ratio Lower Upper

93 100

95 148.5 26.3 39.5#

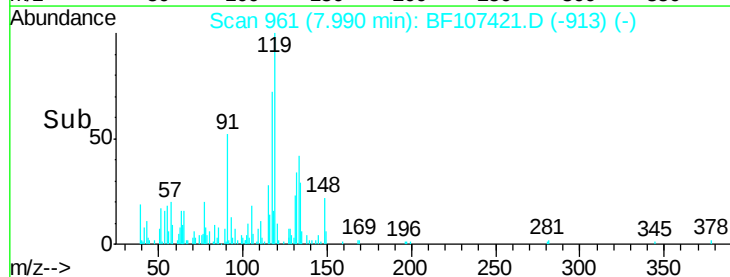
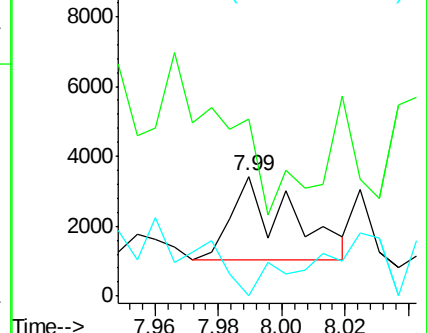
123 0.0 9.8 14.6#

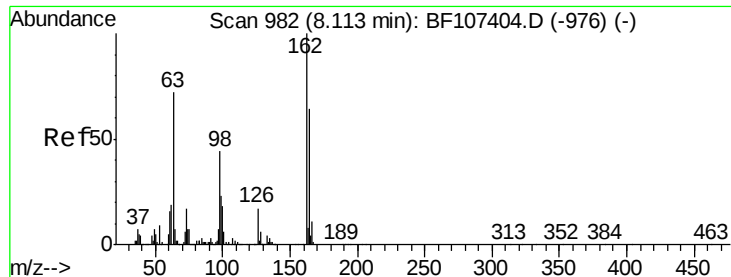


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

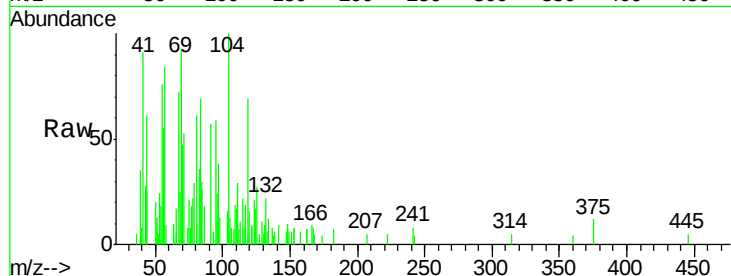




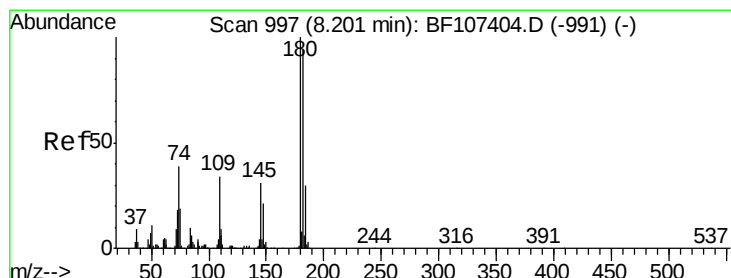
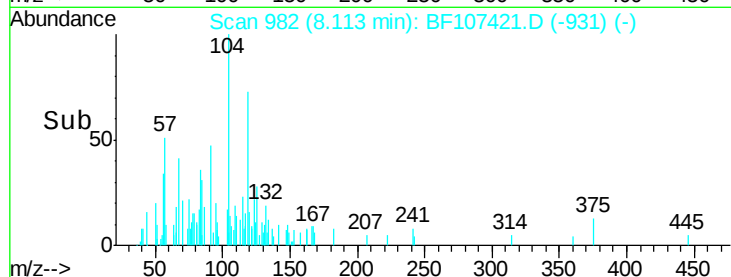
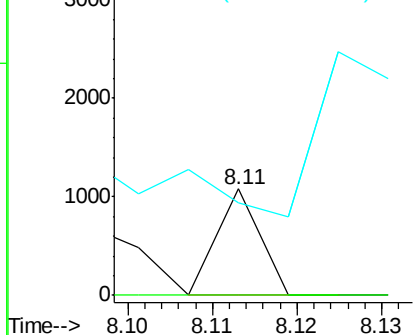
#29
 2,4-Dichlorophenol
 Concen: 0.046 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.7	82.7#
98	87.0	18.1	58.1#

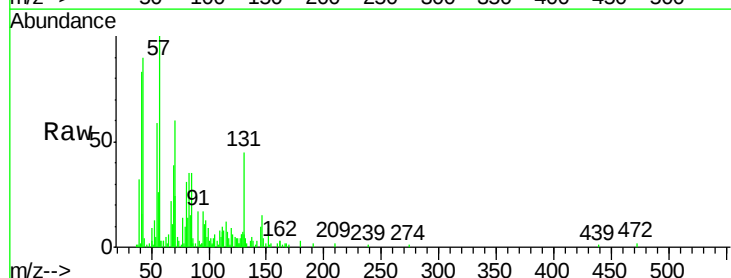


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

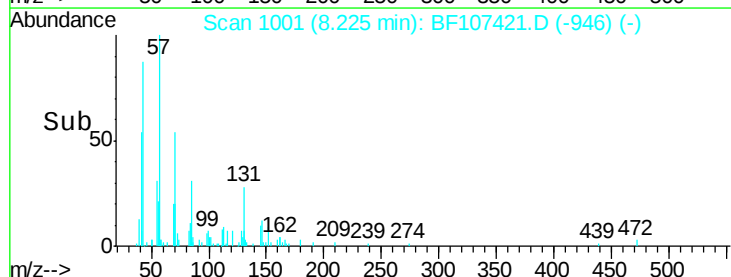
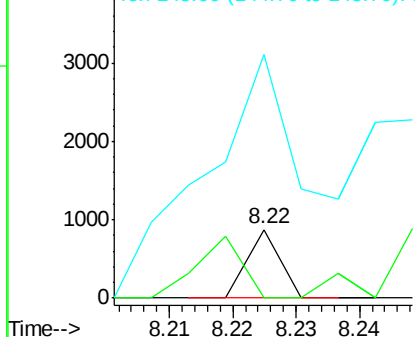


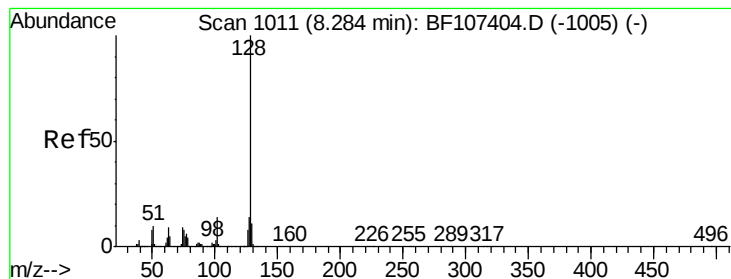
#30
 1,2,4-Trichlorobenzene
 Concen: 0.031 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. 0.02 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
145	355.6	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: 1.781 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

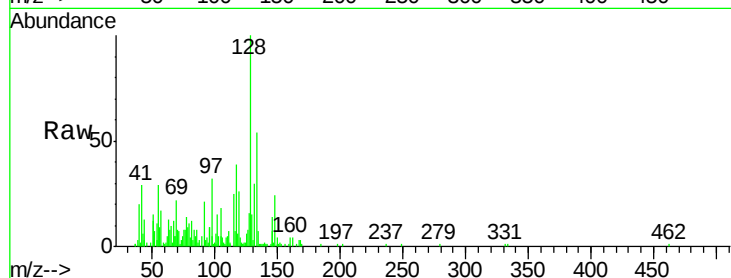
Tgt Ion:128 Resp: 45626

Ion Ratio Lower Upper

128 100

129 15.0 8.8 13.2#

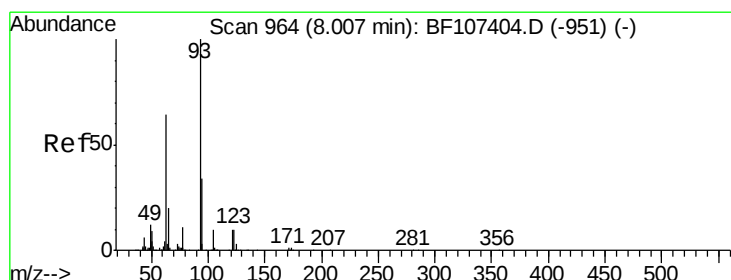
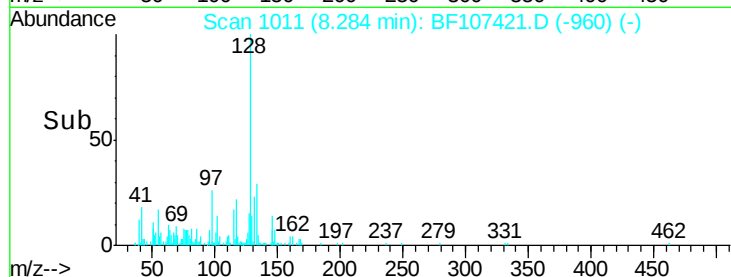
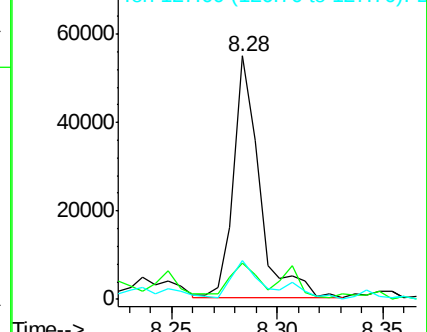
127 15.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.120 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

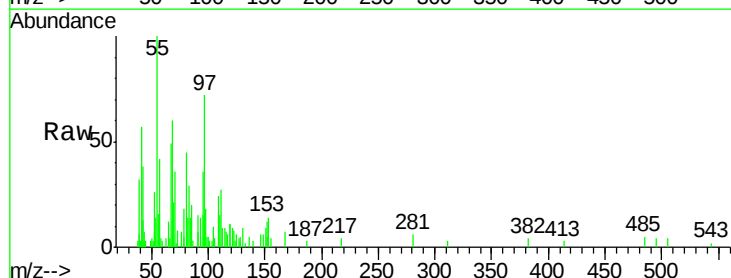
Tgt Ion:122 Resp: 582

Ion Ratio Lower Upper

122 100

105 116.6 101.1 141.1

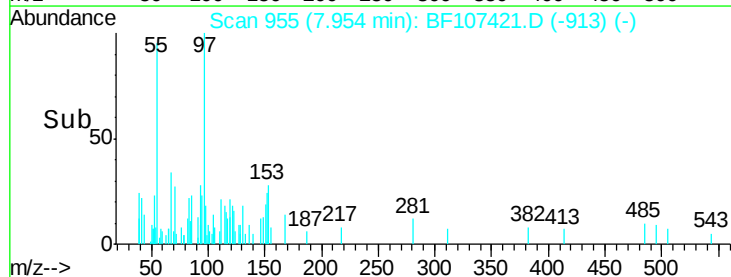
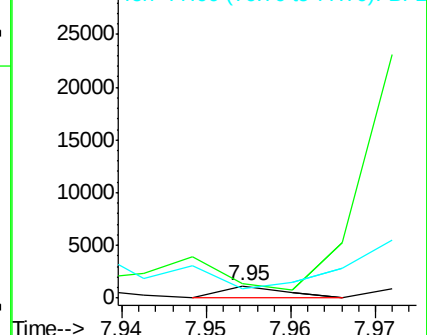
77 75.6 70.7 110.7

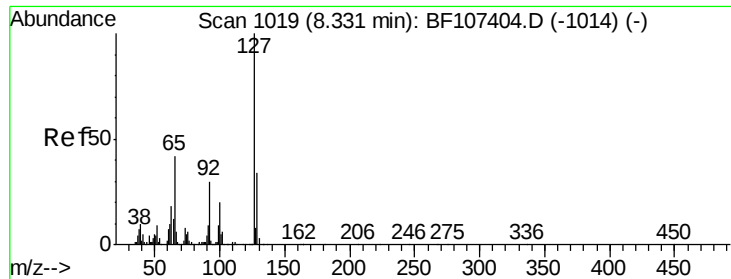


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

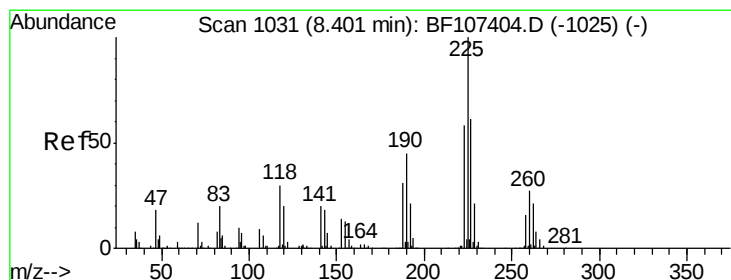
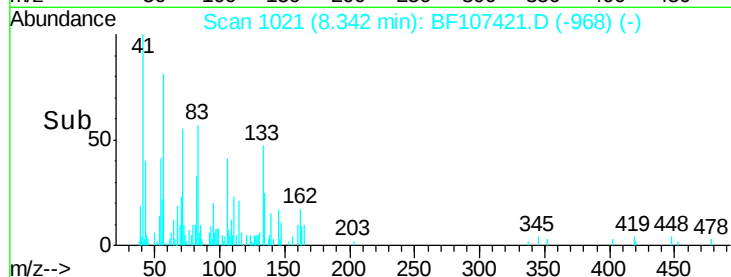
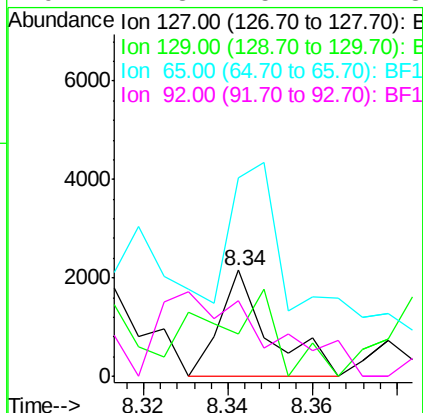
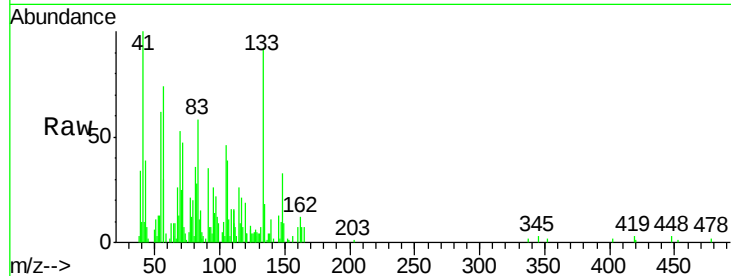




#33
4-Chloroaniline
Concen: 0.159 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

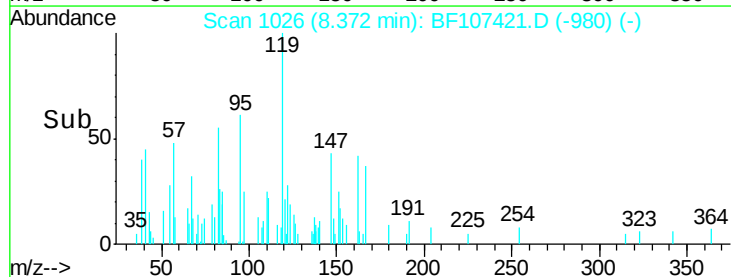
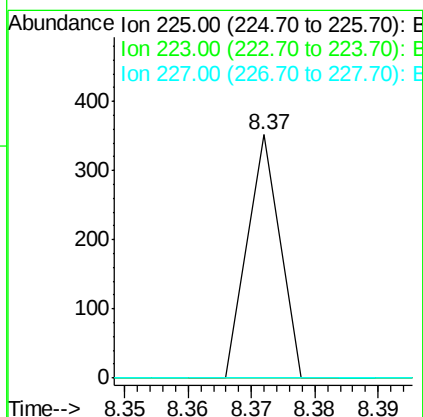
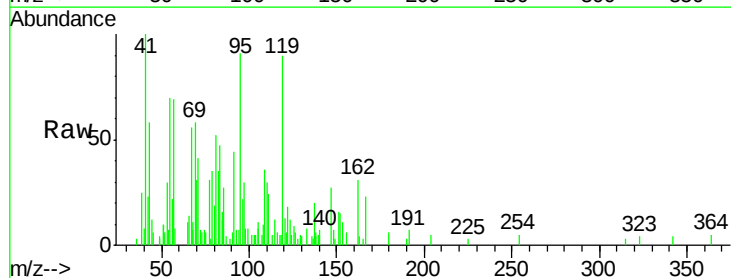
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-B

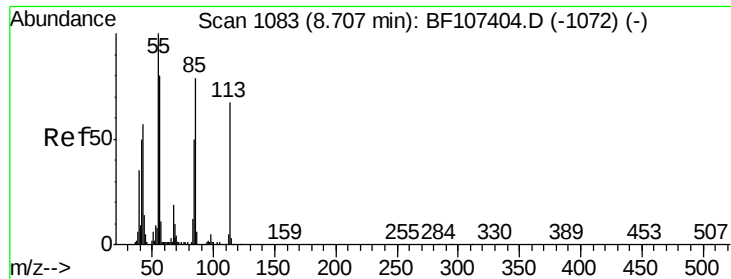
Tgt Ion:	127	Resp:	1760
Ion	Ratio	Lower	Upper
127	100		
129	39.5	25.9	38.9#
65	187.3	25.0	37.4#
92	71.3	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 0.019 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

Tgt Ion:	225	Resp:	124
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	51.9	77.9#

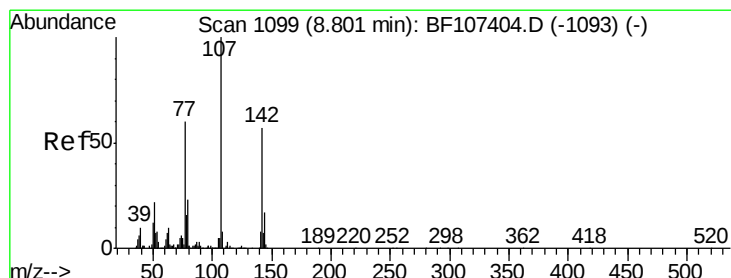
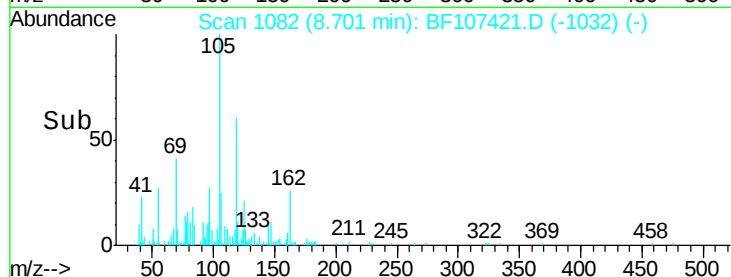
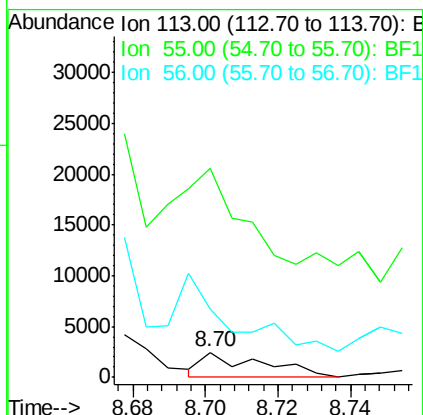
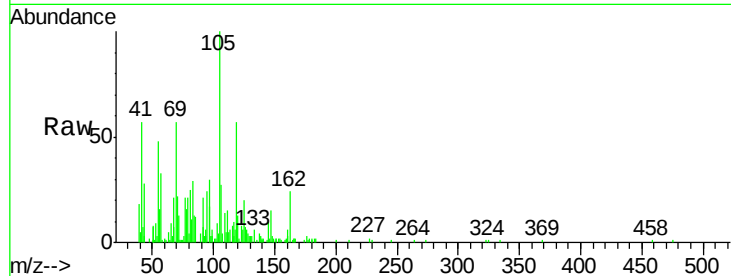




#35
 Caprolactam
 Concen: 1.074 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

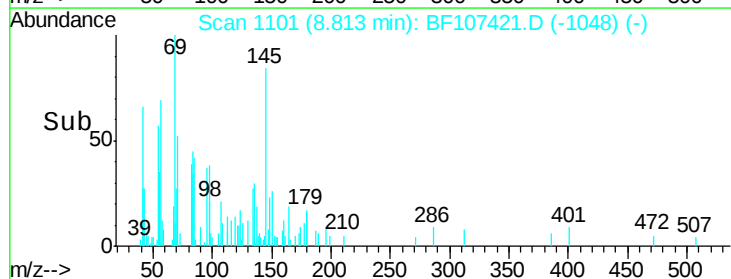
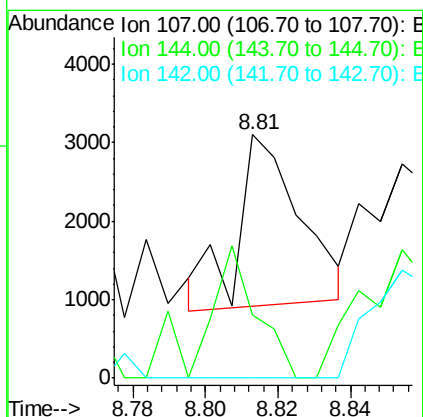
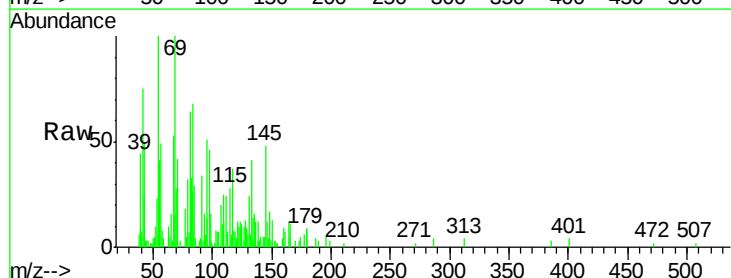
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

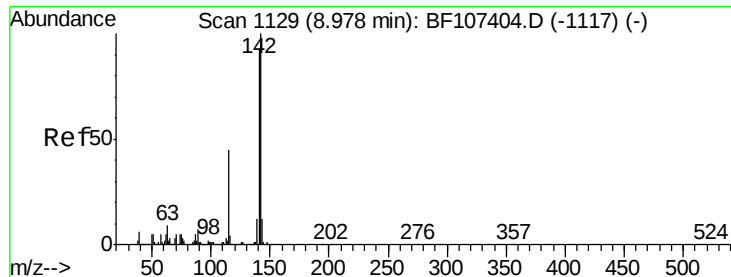
Tgt Ion:113 Resp: 2864
 Ion Ratio Lower Upper
 113 100
 55 821.5 163.3 203.3#
 56 266.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 0.243 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion:107 Resp: 2603
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 0.0 62.0 93.0#

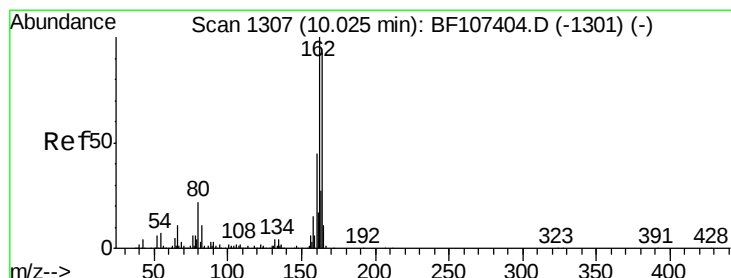
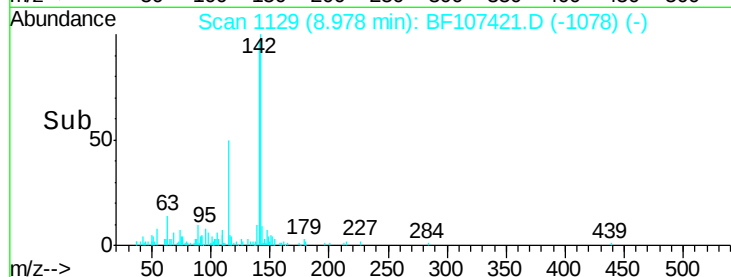
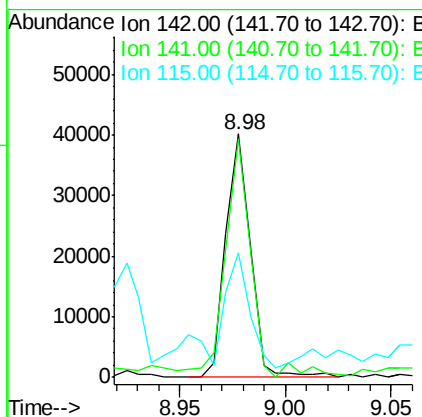
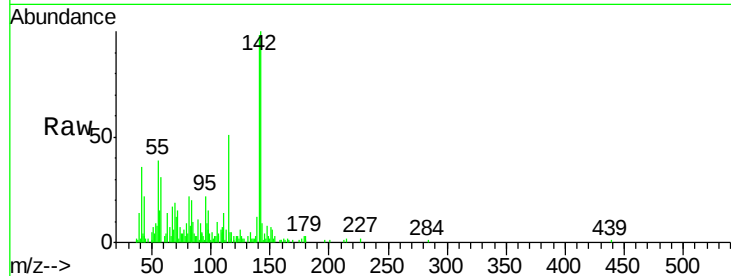




#37
 2-Methylnaphthalene
 Concen: 1.922 ng
 RT: 8.98 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

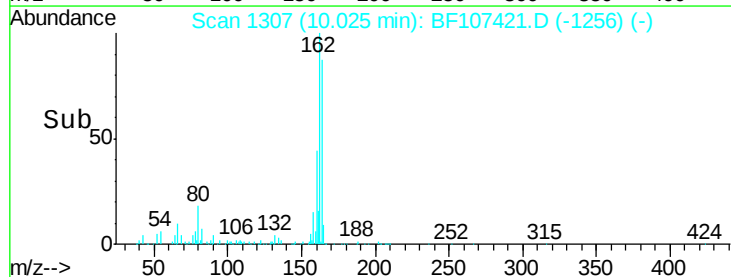
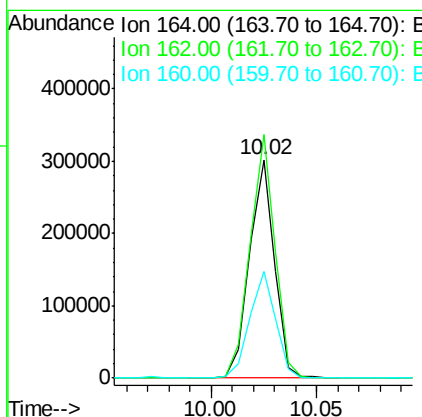
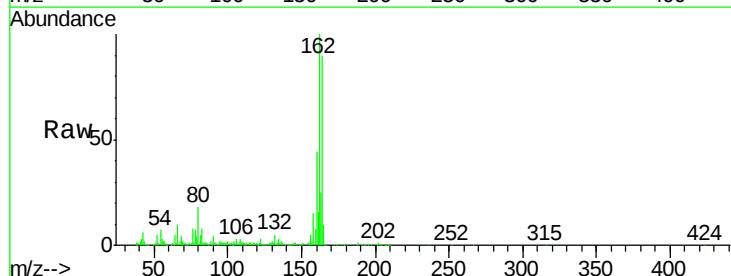
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

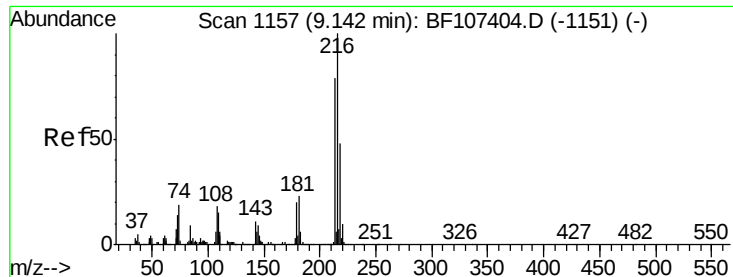
Tgt Ion:142 Resp: 32449
 Ion Ratio Lower Upper
 142 100
 141 97.9 70.8 106.2
 115 50.9 26.1 39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion:164 Resp: 248881
 Ion Ratio Lower Upper
 164 100
 162 111.5 86.1 129.1
 160 48.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.012 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

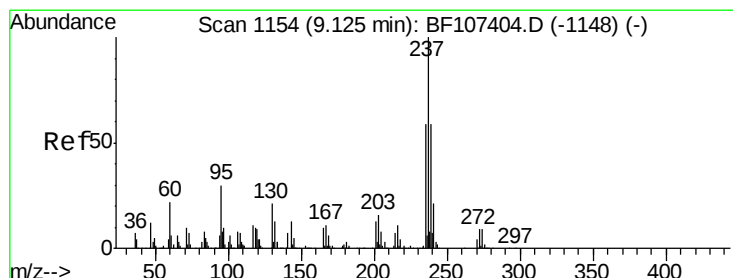
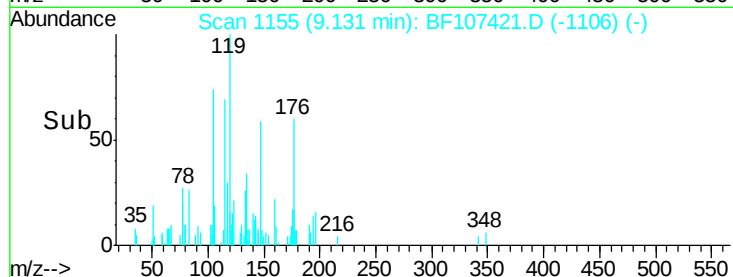
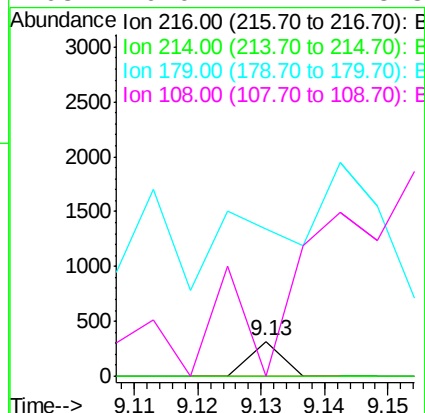
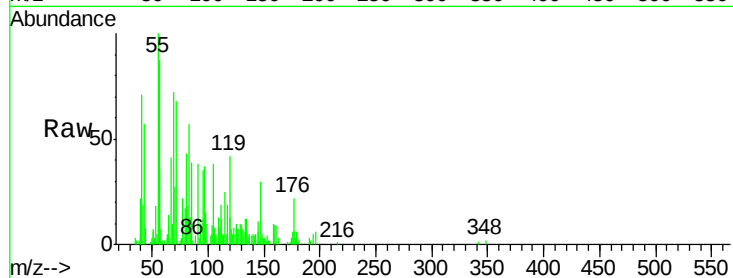
Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

Tgt Ion:	216	Resp:	113
Ion Ratio	Lower	Upper	
216	100		
214	0.0	63.0	94.4#
179	1579.6	18.1	27.1#
108	0.0	17.2	25.8#



#40

Hexachlorocyclopentadiene

Concen: 0.023 ng

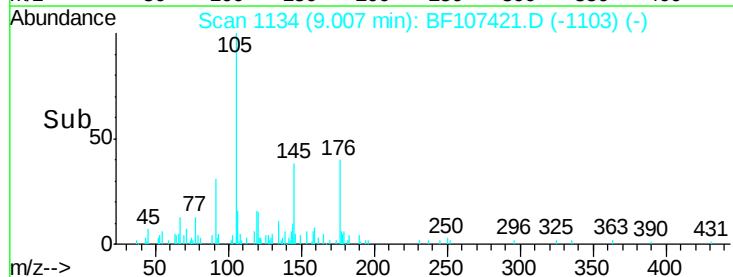
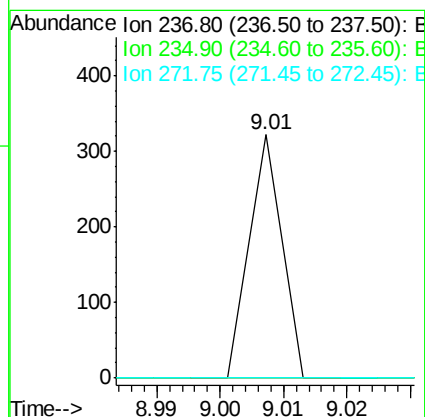
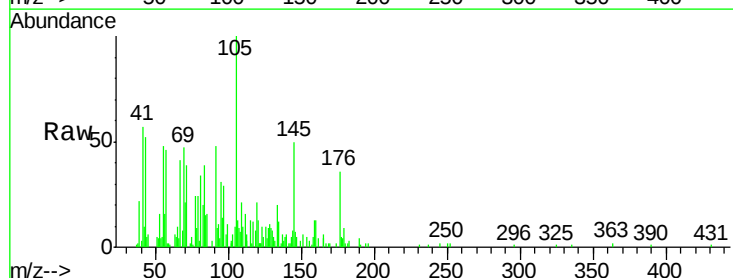
RT: 9.01 min Scan# 1134

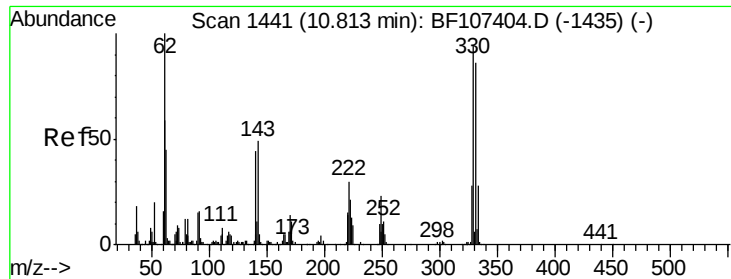
Delta R.T. -0.12 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Tgt Ion:	237	Resp:	114
Ion Ratio	Lower	Upper	
237	100		
235	0.0	44.8	84.8#
272	0.0	0.0	33.3

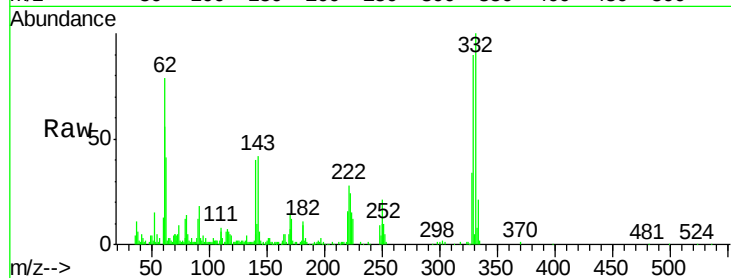




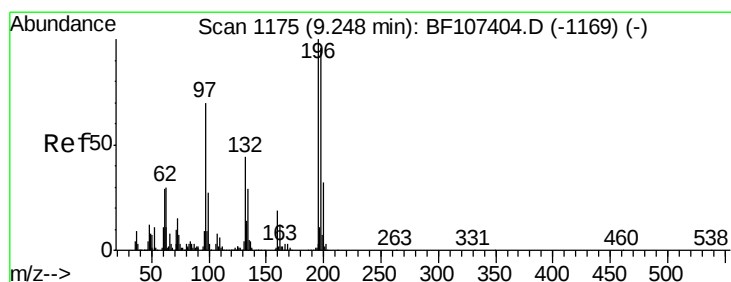
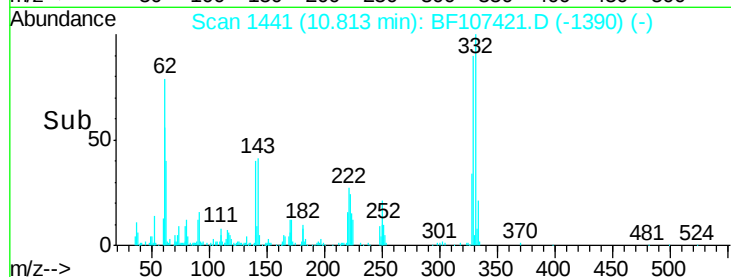
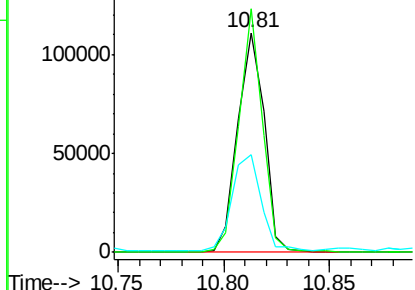
#41
 2,4,6-Tribromophenol
 Concen: 44.385 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

Tgt Ion:330 Resp: 97058
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 48.2 29.9 44.9#

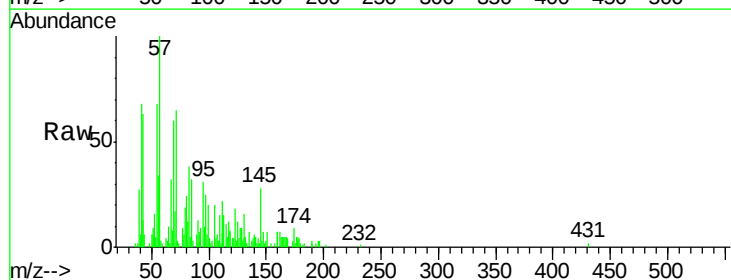


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

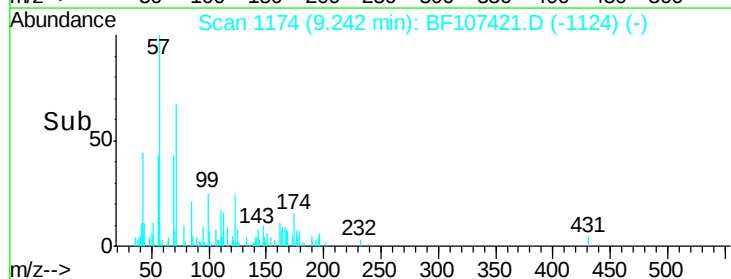
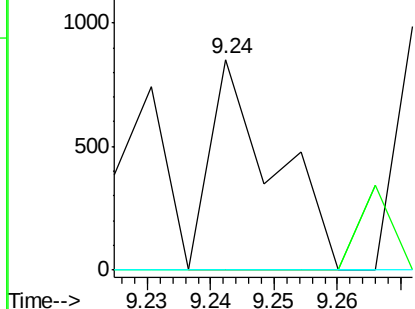


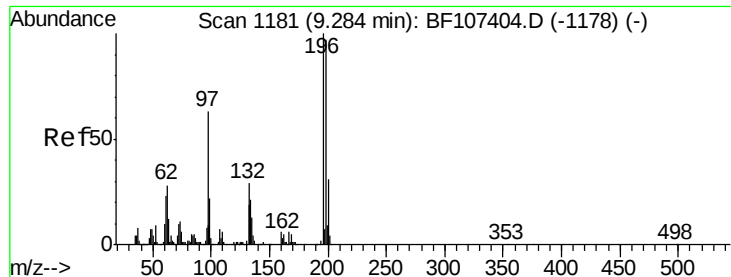
#42
 2,4,6-Trichlorophenol
 Concen: 0.098 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion:196 Resp: 593
 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

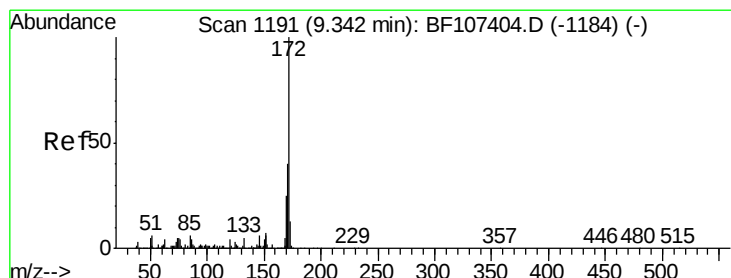
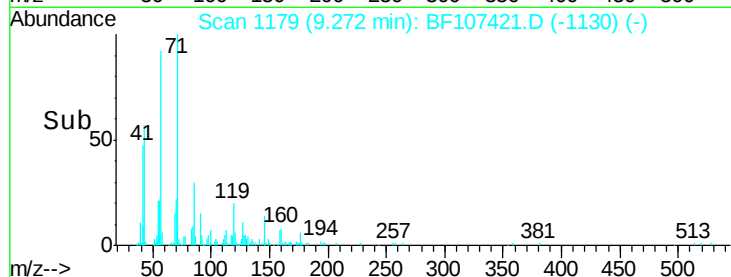
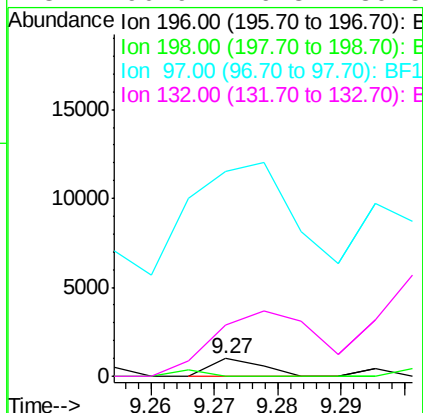
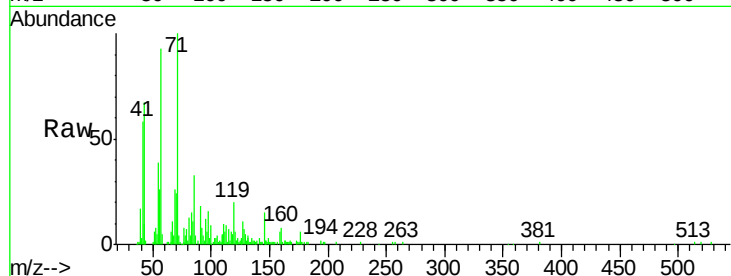




#43
 2,4,5-Trichlorophenol
 Concen: 0.094 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

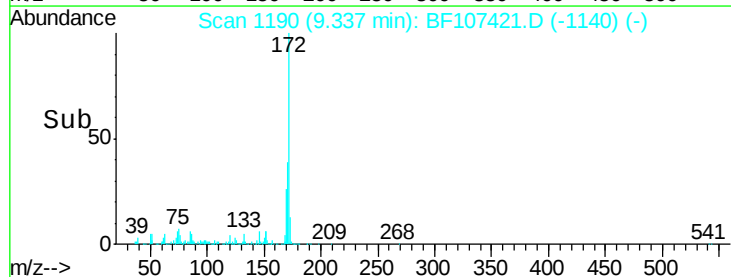
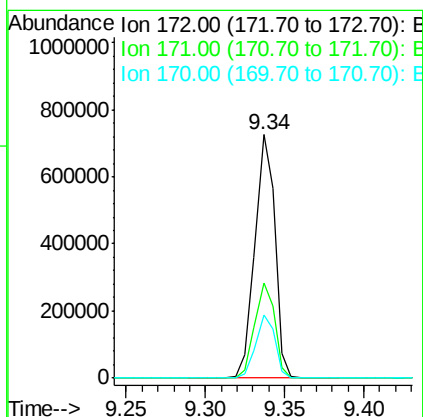
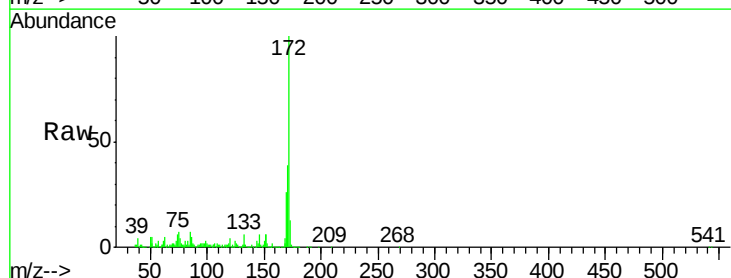
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

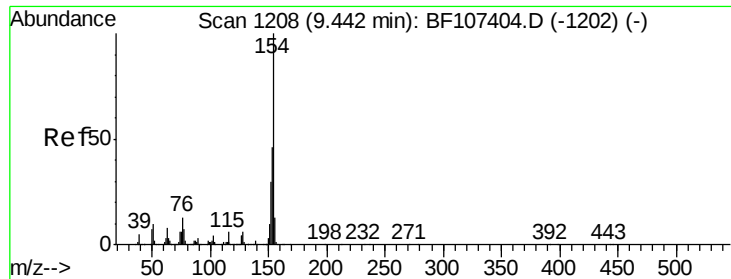
Tgt Ion:196 Resp: 544
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.6 112.0#
 97 1170.6 42.9 64.3#
 132 290.9 26.3 39.5#



#44
 2-Fluorobiphenyl
 Concen: 36.516 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion:172 Resp: 637363
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 25.7 19.6 29.4





#45

1,1'-Biphenyl

Concen: 0.744 ng

RT: 9.44 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

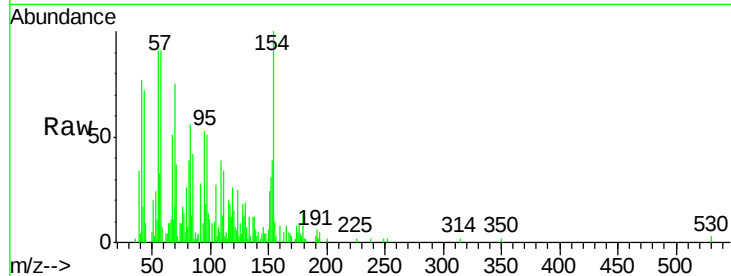
Tgt Ion:154 Resp: 16009

Ion Ratio Lower Upper

154 100

153 38.6 21.3 61.3

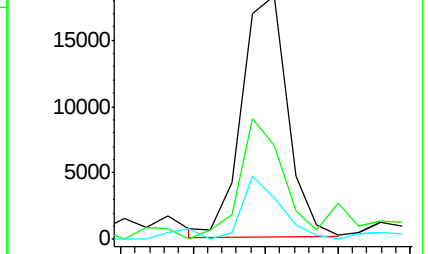
76 16.8 0.0 34.0



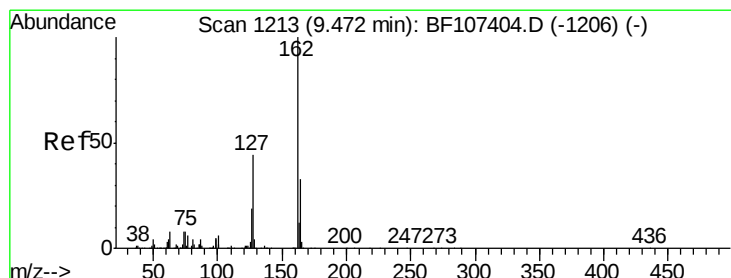
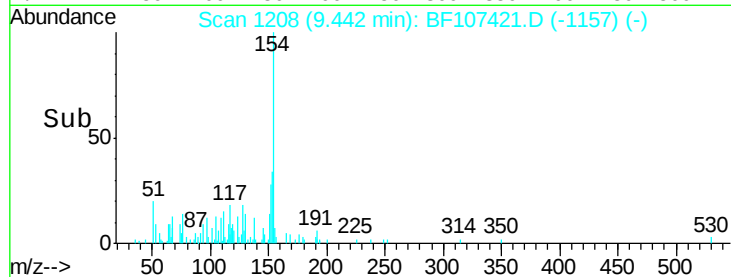
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



Time-->



#46

2-Chloronaphthalene

Concen: 0.023 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

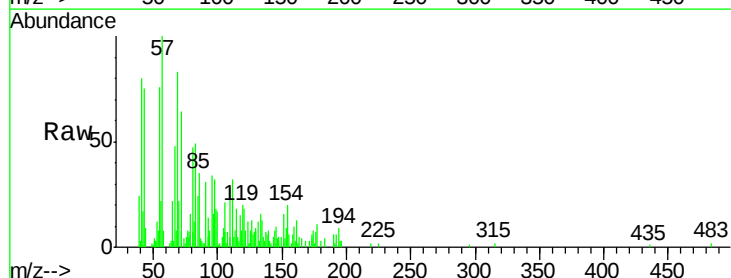
Tgt Ion:162 Resp: 390

Ion Ratio Lower Upper

162 100

127 250.4 33.9 50.9#

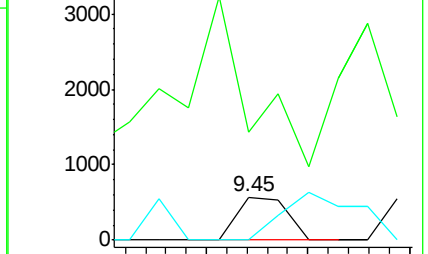
164 0.0 26.5 39.7#



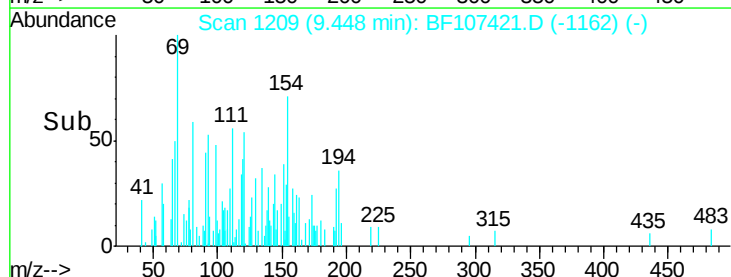
Abundance Ion 162.00 (161.70 to 162.70): E

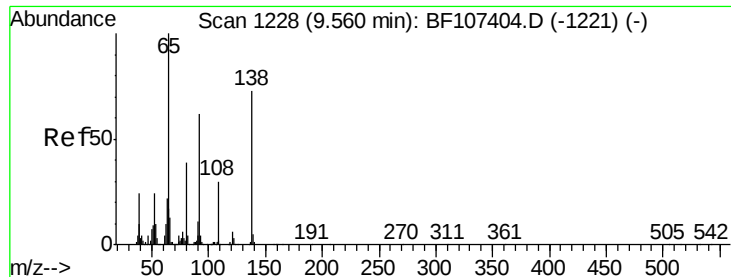
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 0.405 ng

RT: 9.57 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

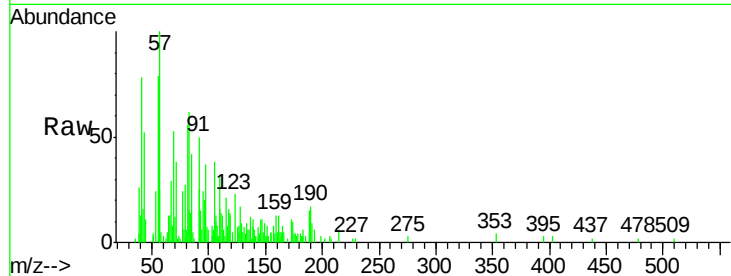
Tgt Ion: 65 Resp: 2107

Ion Ratio Lower Upper

65 100

92 97.0 55.8 83.6#

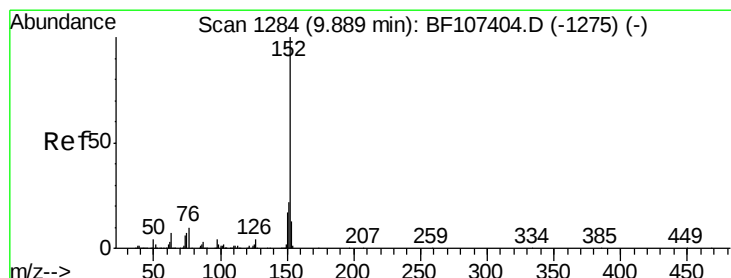
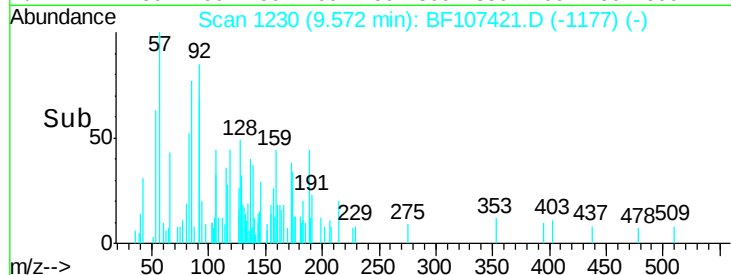
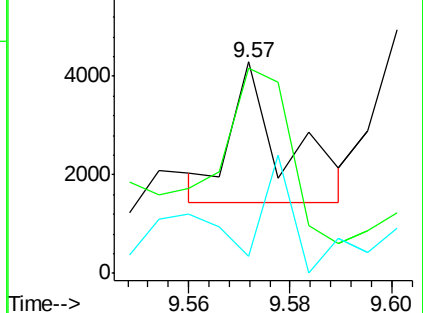
138 8.3 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 0.350 ng

RT: 9.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

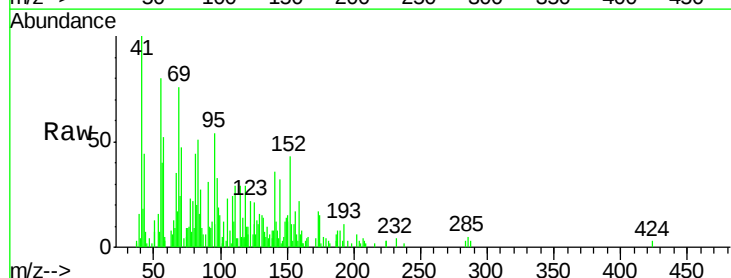
Tgt Ion: 152 Resp: 8300

Ion Ratio Lower Upper

152 100

151 27.3 16.3 24.5#

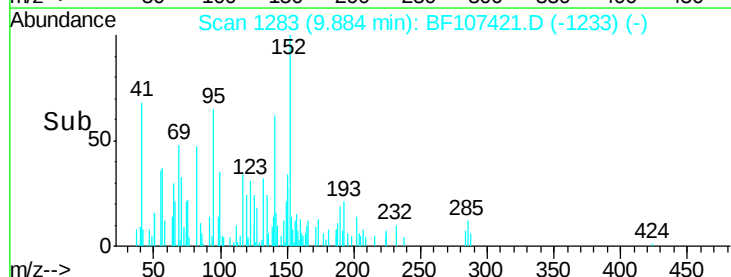
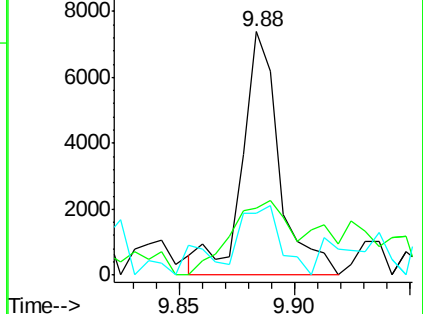
153 25.2 10.7 16.1#

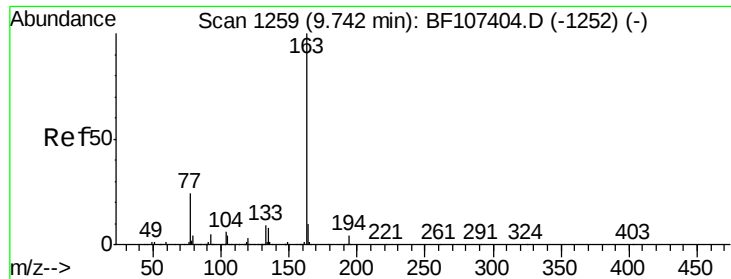


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 5.444 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

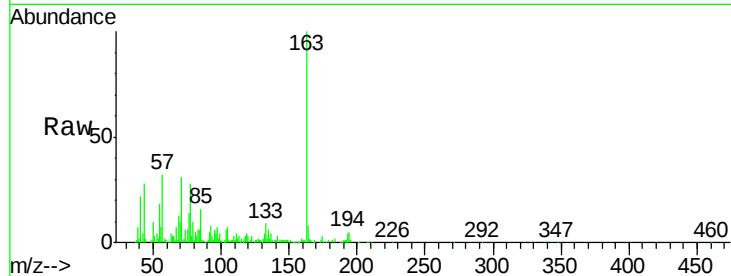
Tgt Ion:163 Resp: 107655

Ion Ratio Lower Upper

163 100

194 5.0 2.7 4.1#

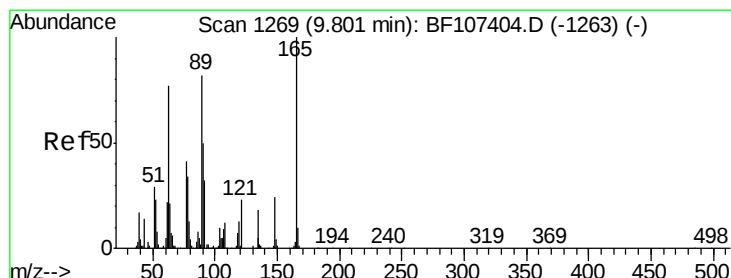
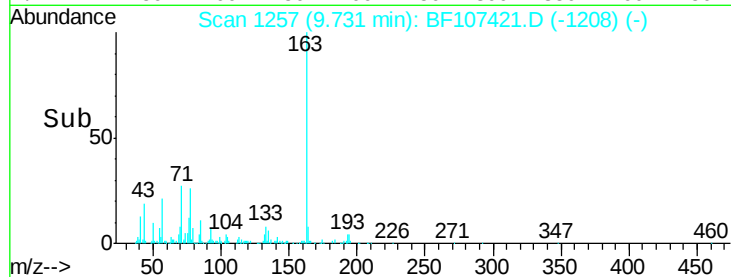
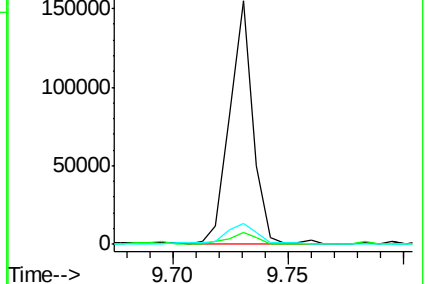
164 8.4 8.2 12.2



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: 0.788 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

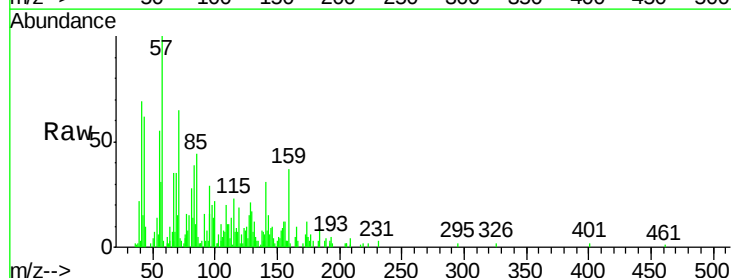
Tgt Ion:165 Resp: 2973

Ion Ratio Lower Upper

165 100

63 68.0 44.7 67.1#

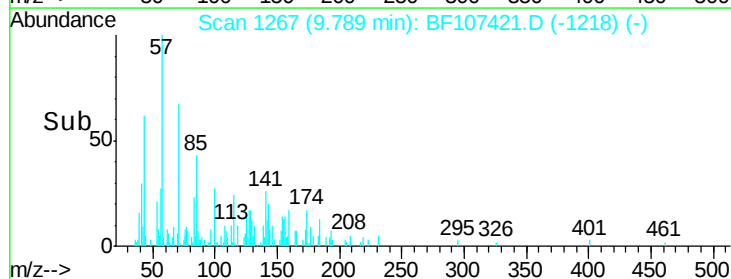
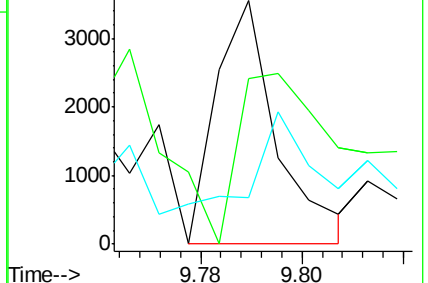
89 18.9 44.0 66.0#

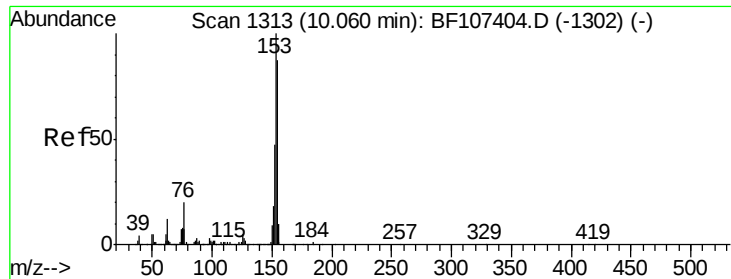


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 2.562 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

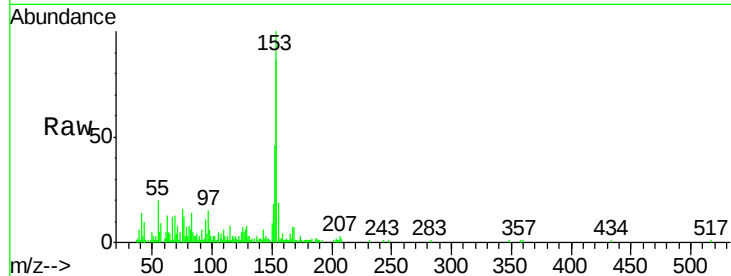
Tgt Ion:154 Resp: 40281

Ion Ratio Lower Upper

154 100

153 117.0 91.2 136.8

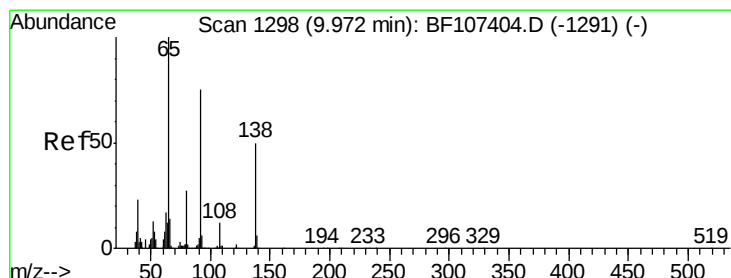
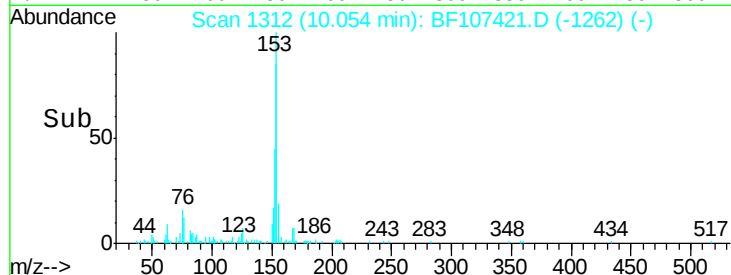
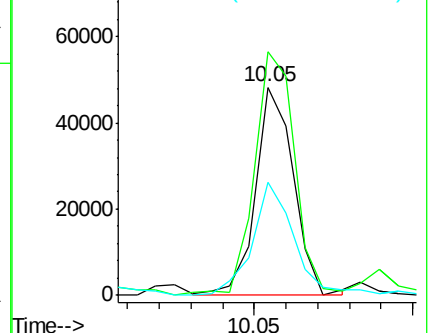
152 54.1 43.8 65.8



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: 0.288 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

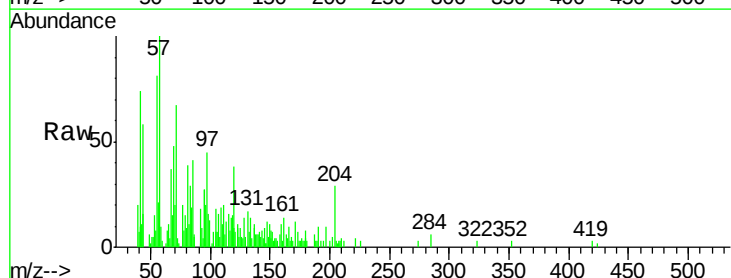
Tgt Ion:138 Resp: 1142

Ion Ratio Lower Upper

138 100

108 86.1 9.4 14.0#

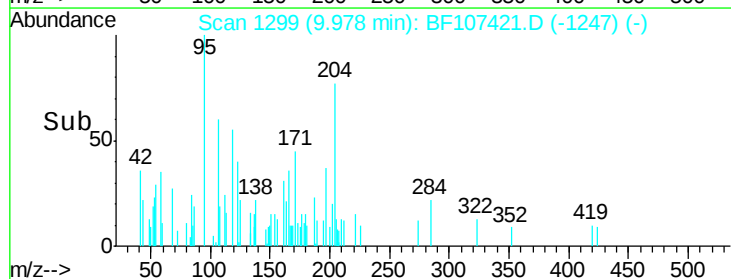
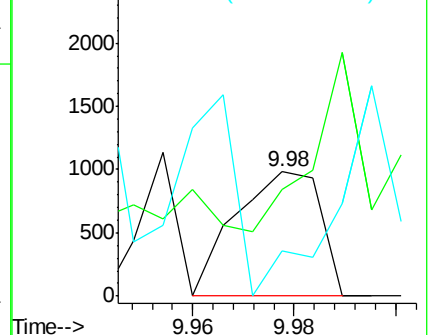
92 36.3 89.4 134.2#

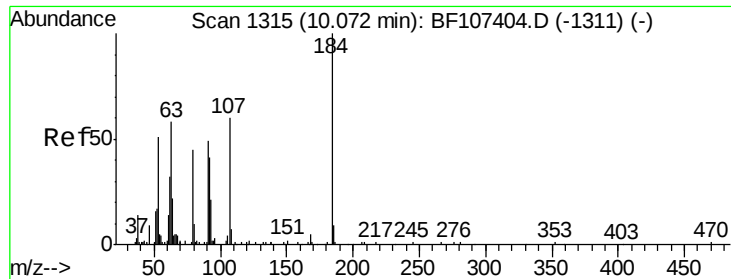


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 2.452 ng

RT: 10.18 min Scan# 1333

Delta R.T. 0.11 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

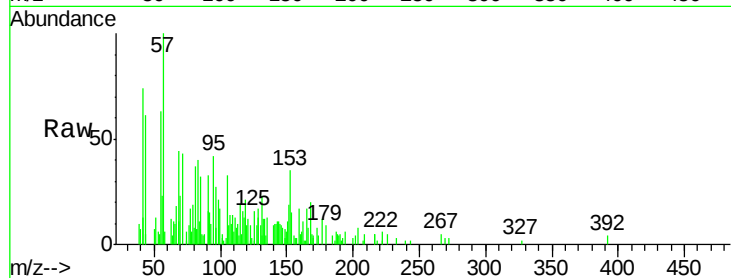
Tgt Ion:184 Resp: 186

Ion Ratio Lower Upper

184 100

63 421.3 54.2 81.2#

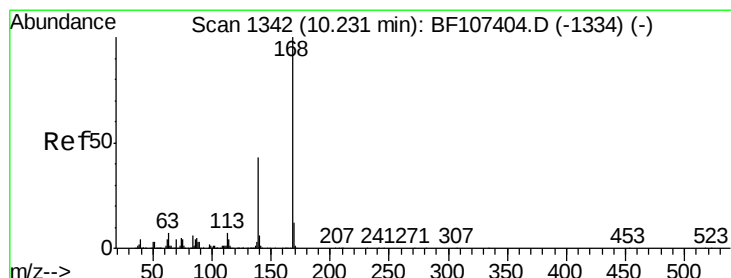
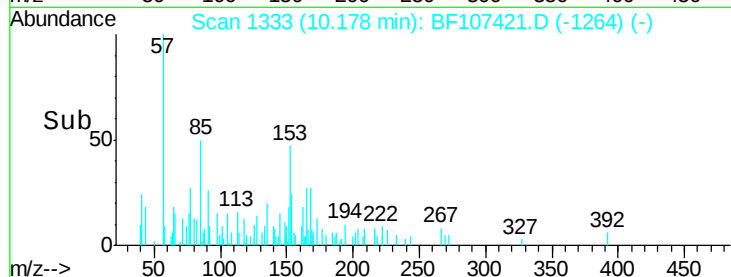
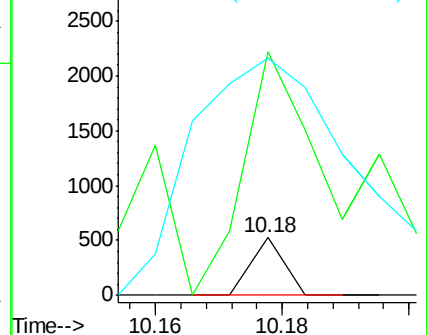
154 410.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.467 ng

RT: 10.22 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

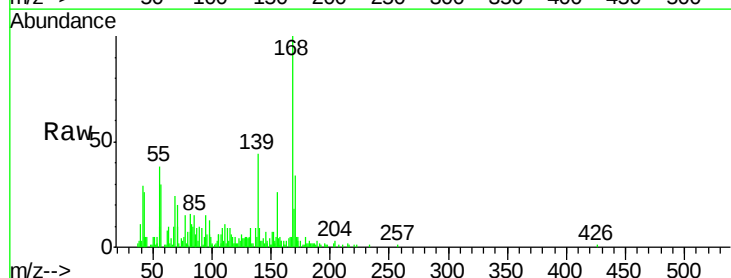
Tgt Ion:168 Resp: 35650

Ion Ratio Lower Upper

168 100

139 44.2 30.1 45.1

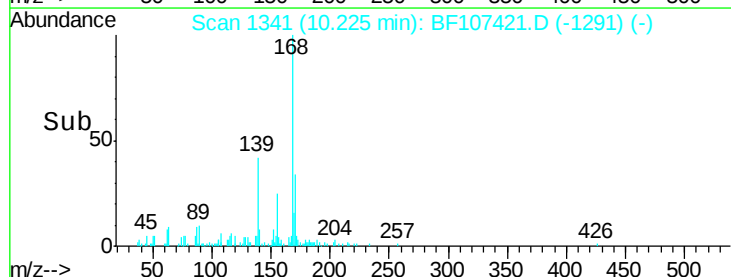
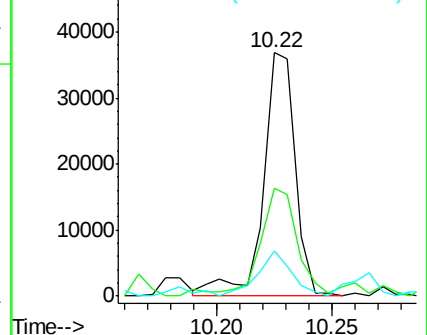
169 18.4 10.9 16.3#

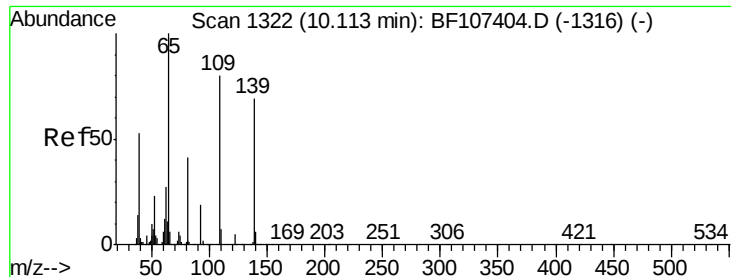


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

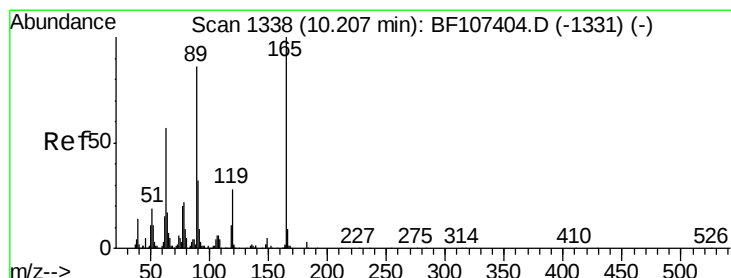
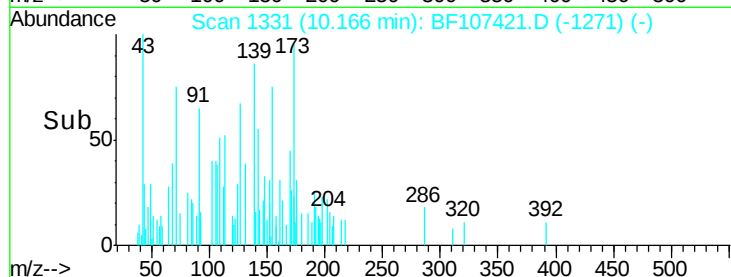
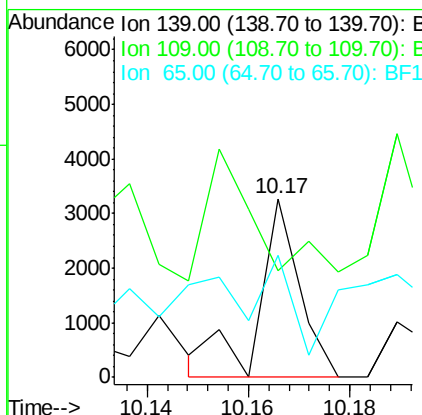
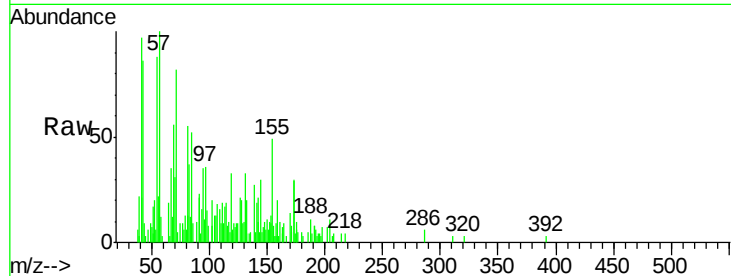




#55
4-Nitrophenol
Concen: 0.567 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.05 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

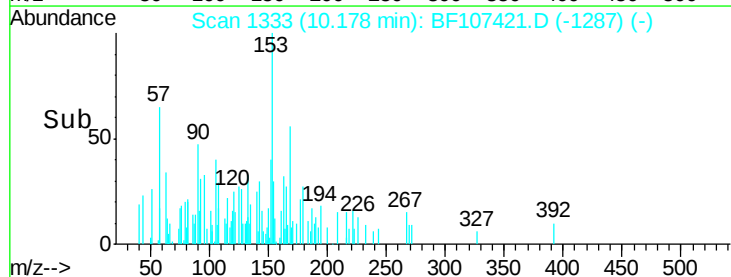
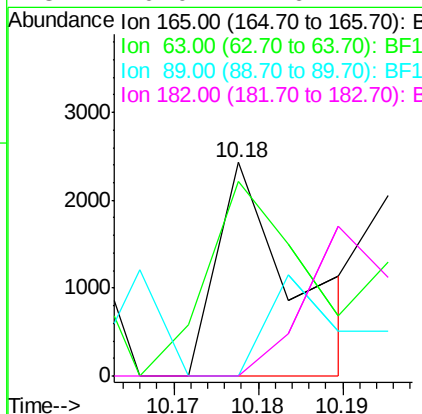
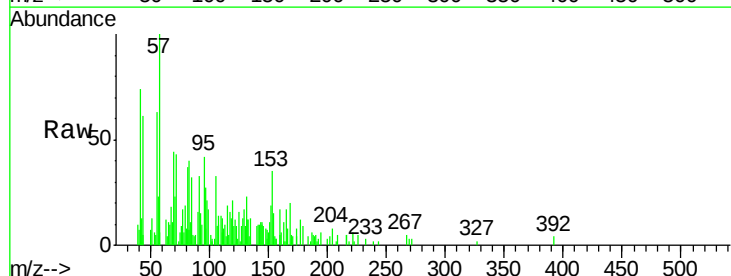
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-B

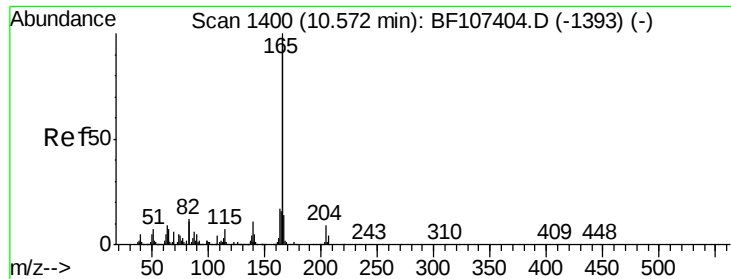
Tgt Ion:139 Resp: 1818
Ion Ratio Lower Upper
139 100
109 59.3 48.4 88.4
65 79.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 0.318 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

Tgt Ion:165 Resp: 1562
Ion Ratio Lower Upper
165 100
63 91.3 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#





#57

Fluorene

Concen: 3.096 ng

RT: 10.57 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

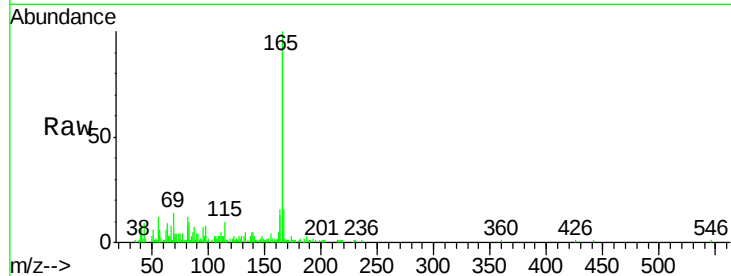
Tgt Ion:166 Resp: 49821

Ion Ratio Lower Upper

166 100

165 100.5 79.8 119.8

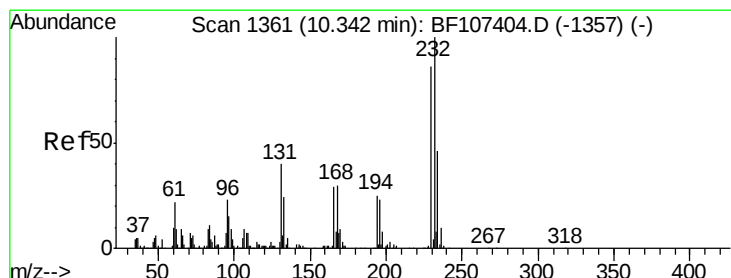
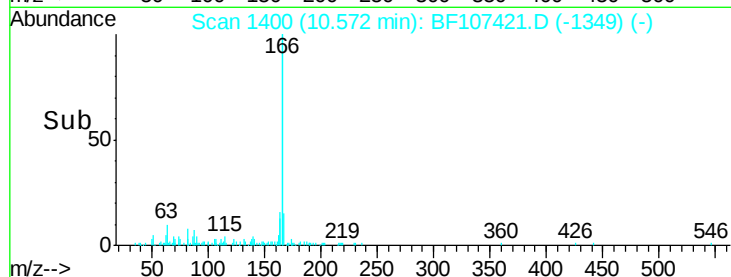
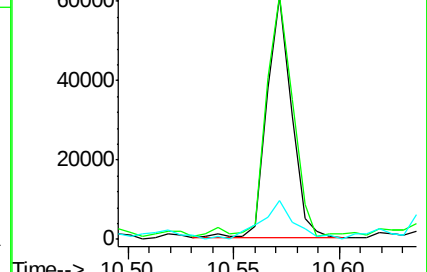
167 15.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.020 ng

RT: 10.29 min Scan# 1352

Delta R.T. -0.05 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Tgt Ion:232 Resp: 114

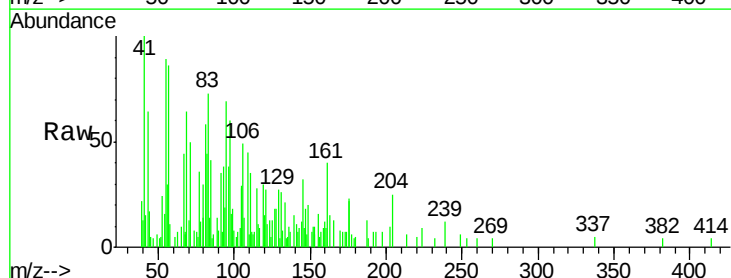
Ion Ratio Lower Upper

232 100

131 1593.9 43.8 65.8#

130 2625.4 2.1 3.1#

166 0.0 27.8 41.6#

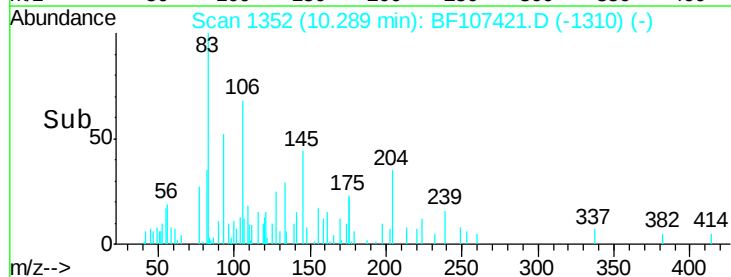
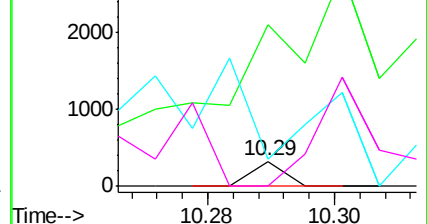


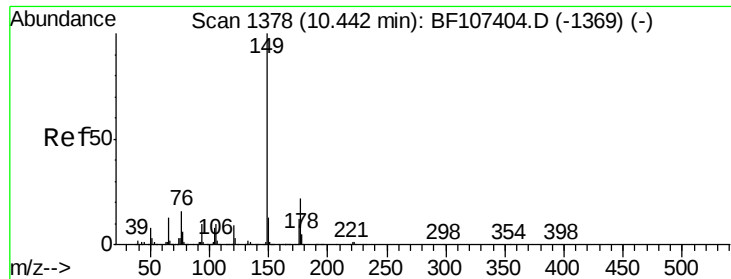
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 0.237 ng

RT: 10.43 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

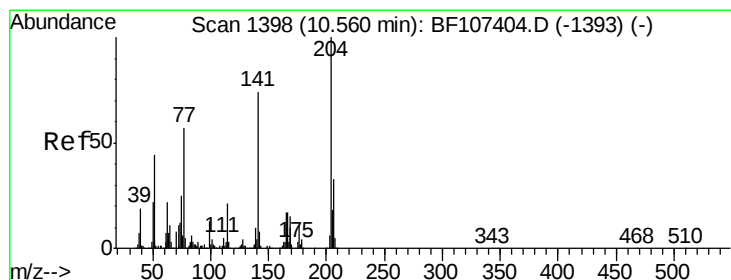
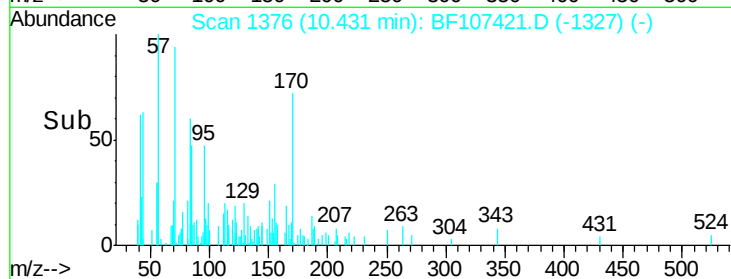
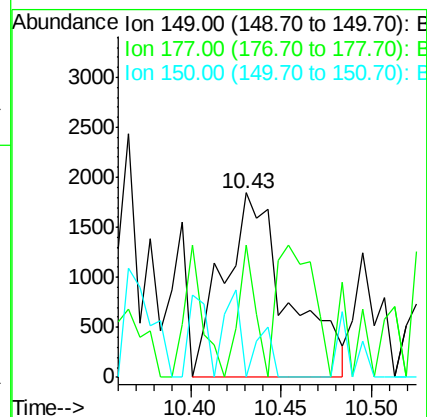
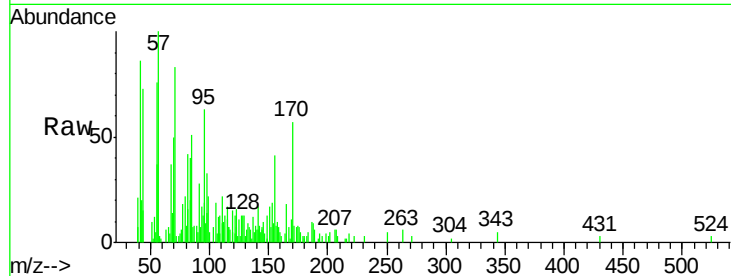
Tgt Ion:149 Resp: 4559

Ion Ratio Lower Upper

149 100

177 72.0 16.1 24.1#

150 0.0 10.1 15.1#



#60

4-Chlorophenyl-phenylether

Concen: 0.074 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

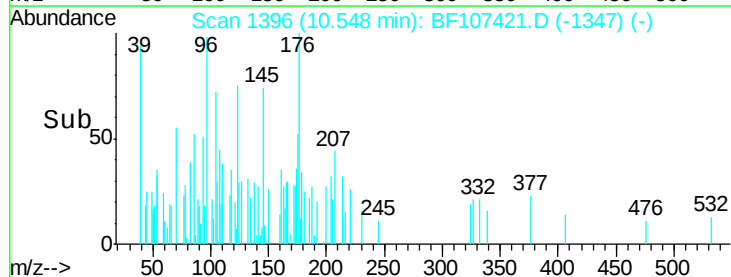
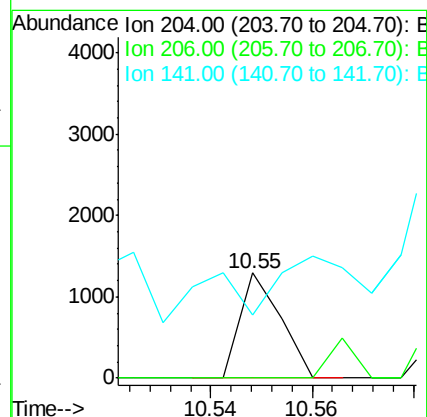
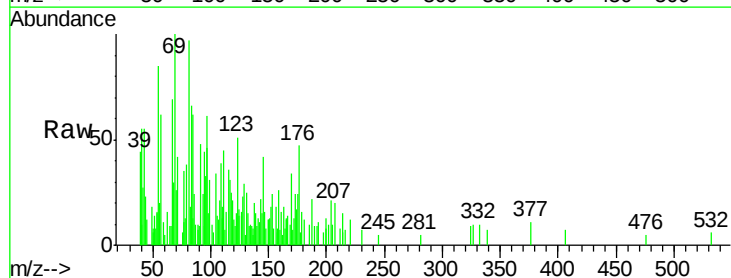
Tgt Ion:204 Resp: 712

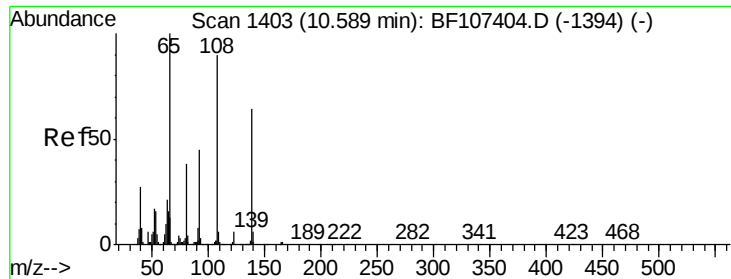
Ion Ratio Lower Upper

204 100

206 0.0 26.5 39.7#

141 60.4 54.6 81.8

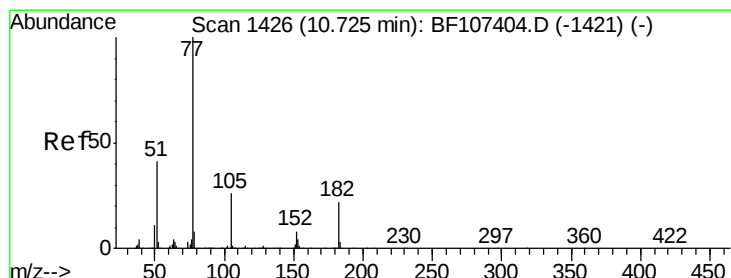
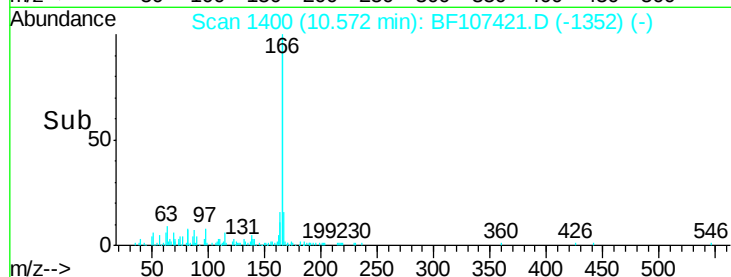
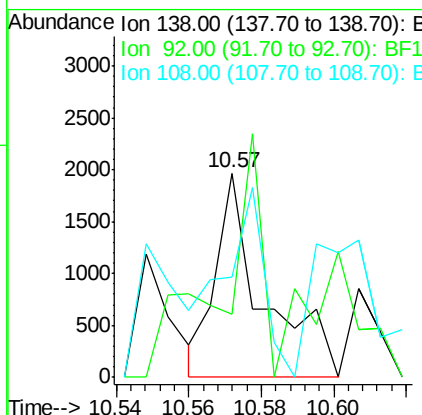
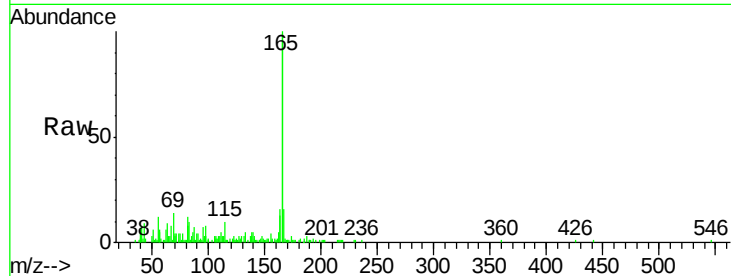




#61
4-Nitroaniline
Concen: 0.476 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

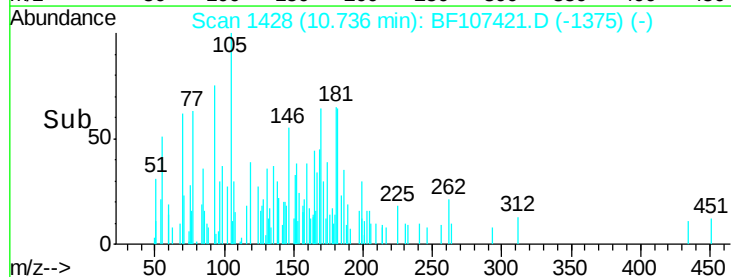
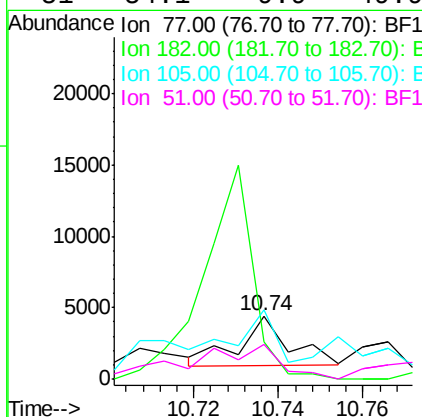
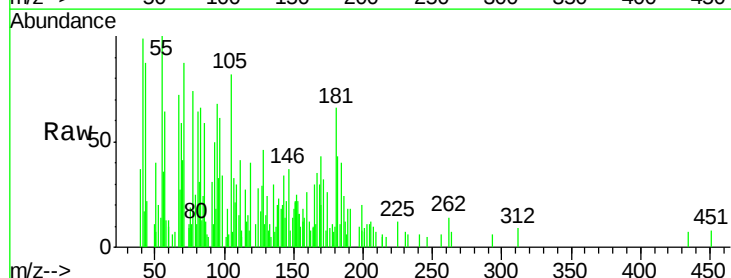
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-B

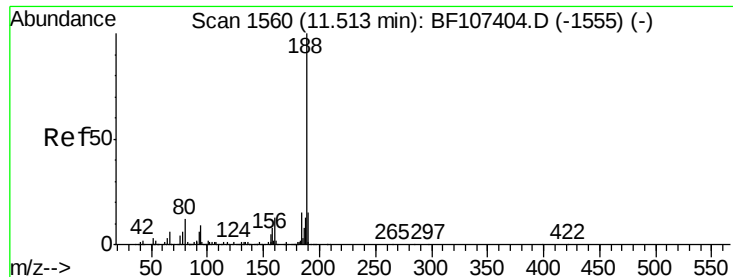
Tgt Ion: 138 Resp: 1797
Ion Ratio Lower Upper
138 100
92 30.8 30.2 70.2
108 49.3 52.5 92.5#



#62
Azobenzene
Concen: 0.126 ng
RT: 10.74 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF107421.D
Acq: 16 Jul 2018 23:49

Tgt Ion: 77 Resp: 2833
Ion Ratio Lower Upper
77 100
182 57.9 1.7 41.7#
105 110.2 3.0 43.0#
51 54.1 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

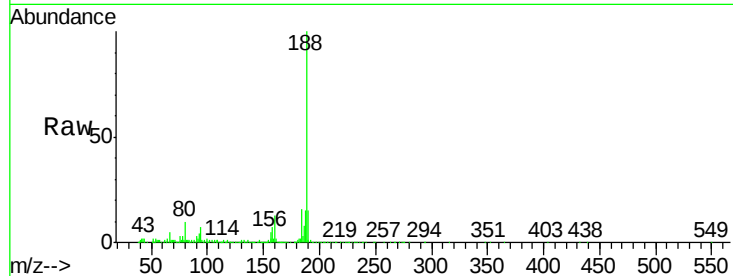
Tgt Ion:188 Resp: 437029

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

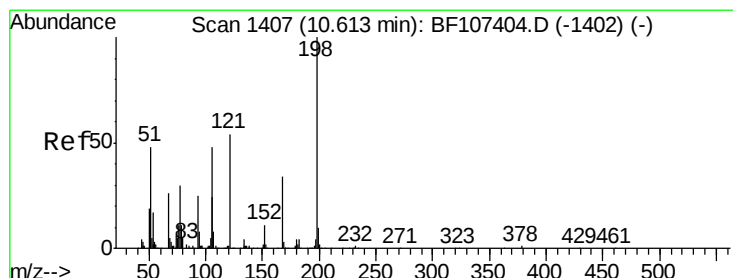
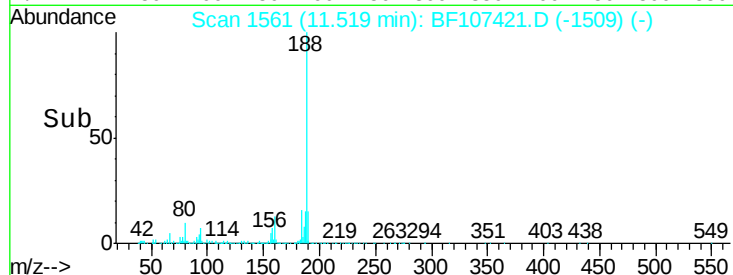
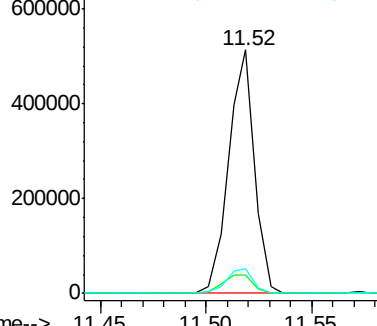
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 7.568 ng

RT: 10.65 min Scan# 1414

Delta R.T. 0.04 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

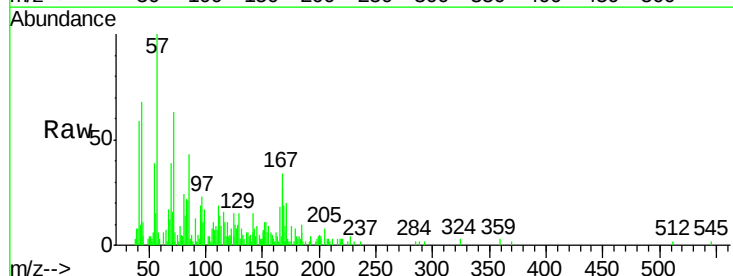
Tgt Ion:198 Resp: 220

Ion Ratio Lower Upper

198 100

51 113.0 37.7 77.7#

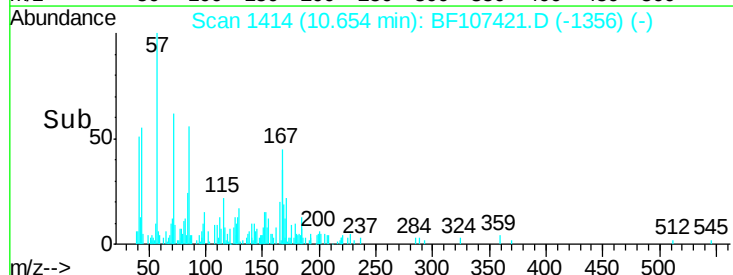
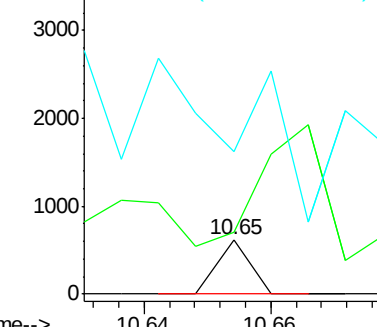
105 261.0 36.3 76.3#

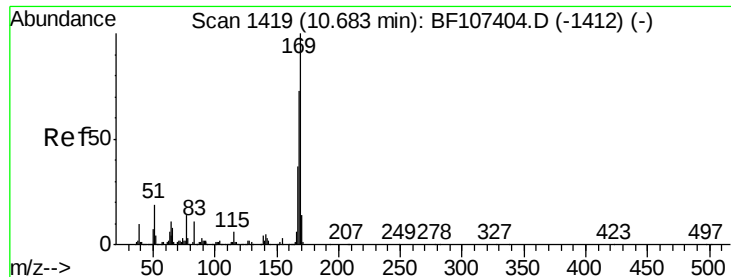


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.245 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

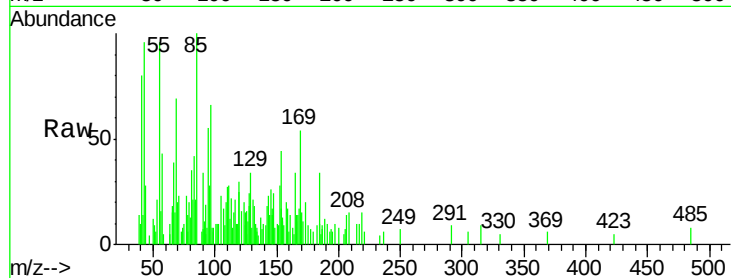
Tgt Ion:169 Resp: 3377

Ion Ratio Lower Upper

169 100

168 32.2 54.4 81.6#

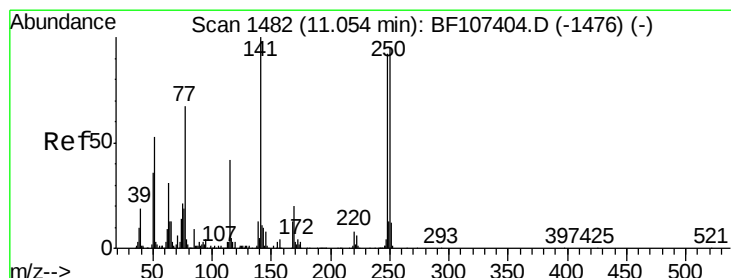
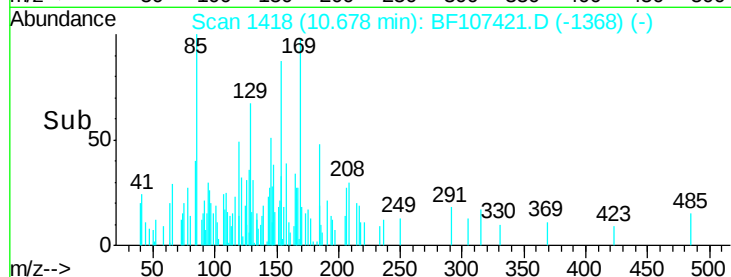
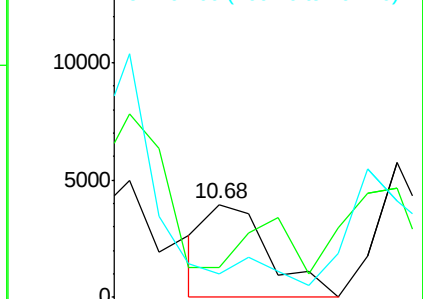
167 25.1 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 0.131 ng

RT: 11.14 min Scan# 1497

Delta R.T. 0.09 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

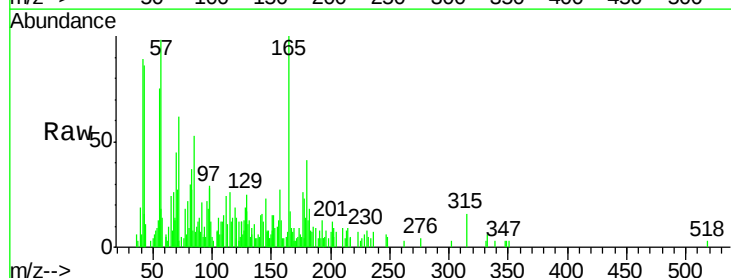
Tgt Ion:248 Resp: 655

Ion Ratio Lower Upper

248 100

250 0.0 76.9 115.3#

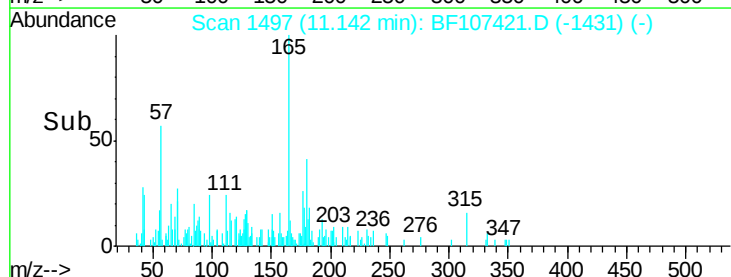
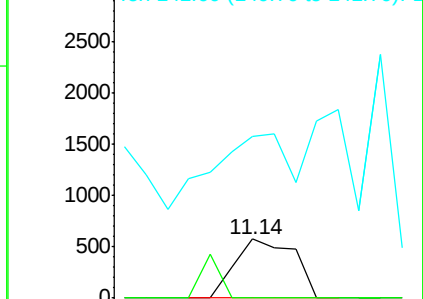
141 275.4 74.4 111.6#

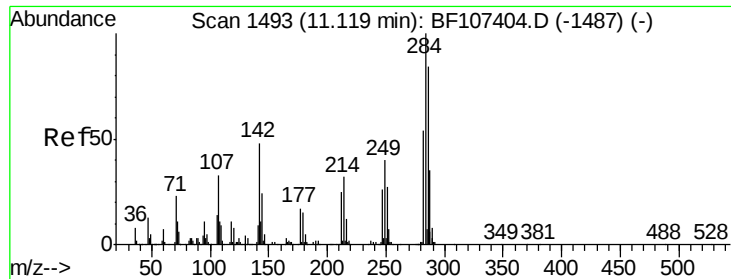


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 0.035 ng

RT: 11.31 min Scan# 1526

Delta R.T. 0.19 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

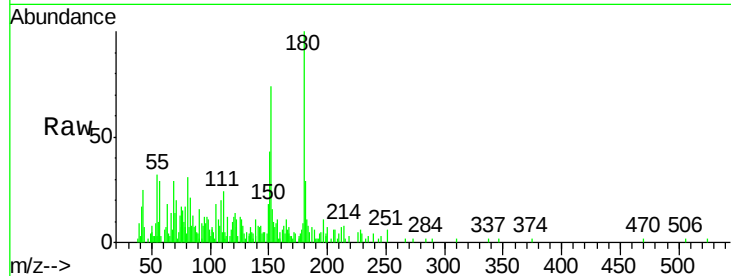
Tgt Ion:284 Resp: 163

Ion Ratio Lower Upper

284 100

142 276.1 34.6 52.0#

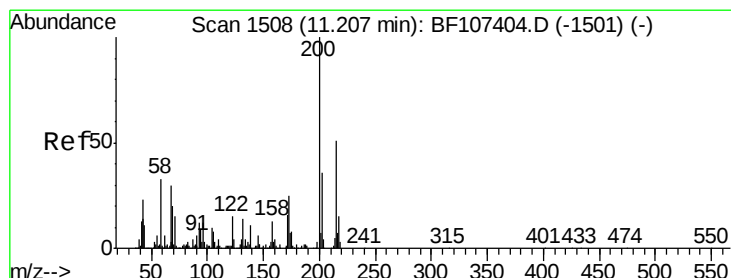
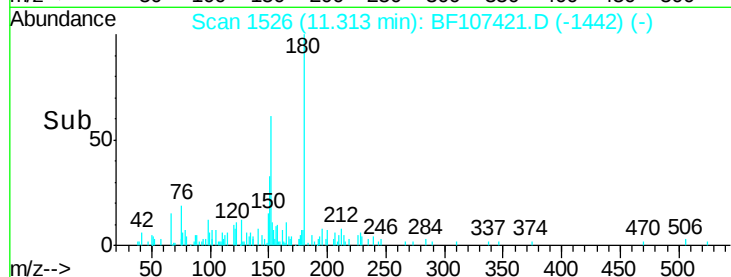
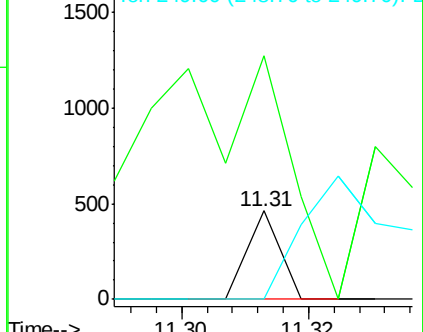
249 0.0 24.8 37.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 0.221 ng

RT: 10.99 min Scan# 1471

Delta R.T. -0.22 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

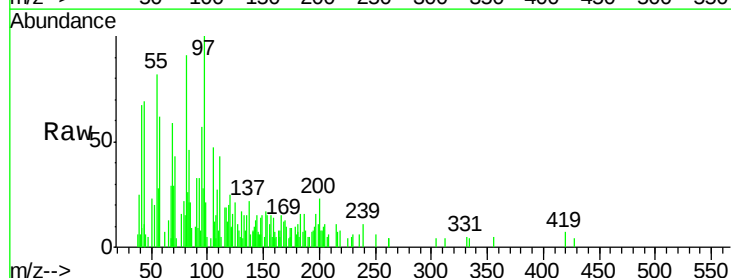
Tgt Ion:200 Resp: 1155

Ion Ratio Lower Upper

200 100

173 42.1 8.6 48.6

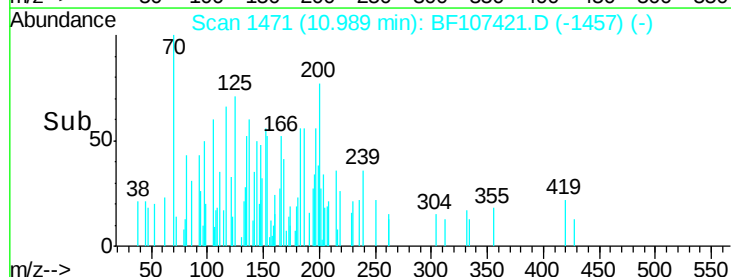
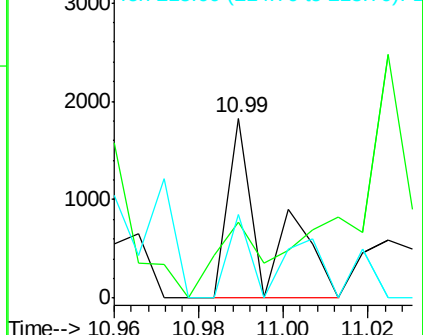
215 46.7 25.1 65.1

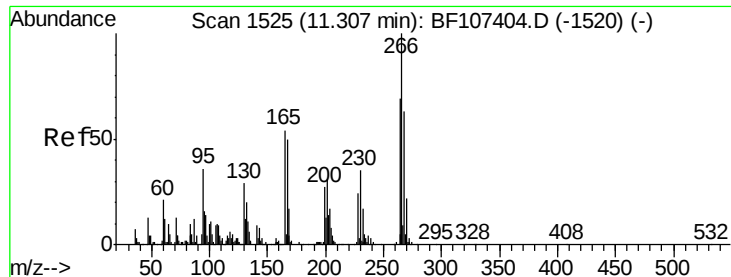


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.037 ng

RT: 11.31 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

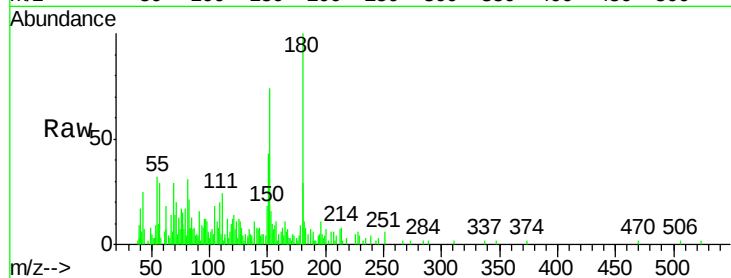
Tgt Ion:266 Resp: 125

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

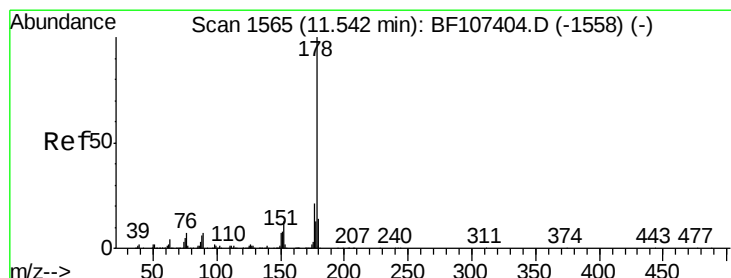
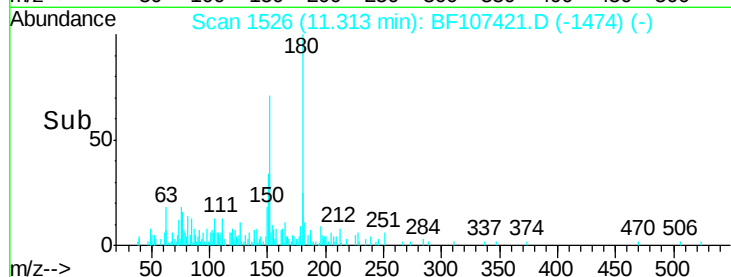
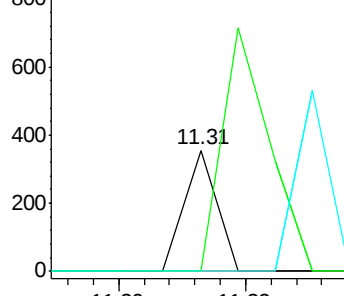
264 0.0 49.5 74.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 24.353 ng

RT: 11.54 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

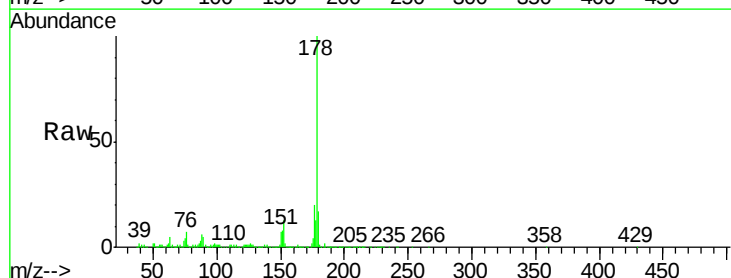
Tgt Ion:178 Resp: 530402

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

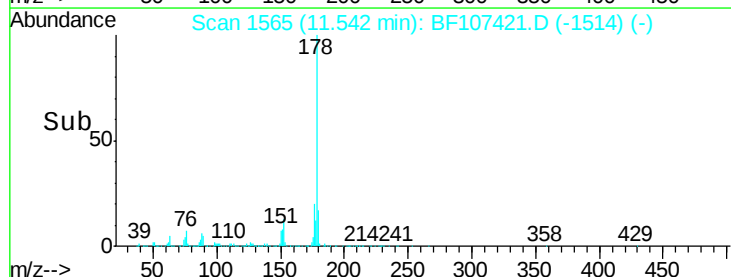
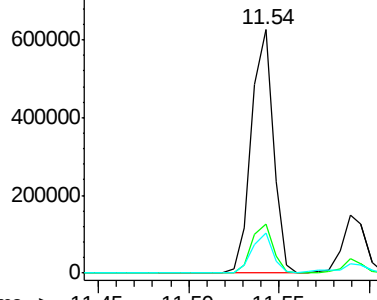
179 16.6 13.0 19.6

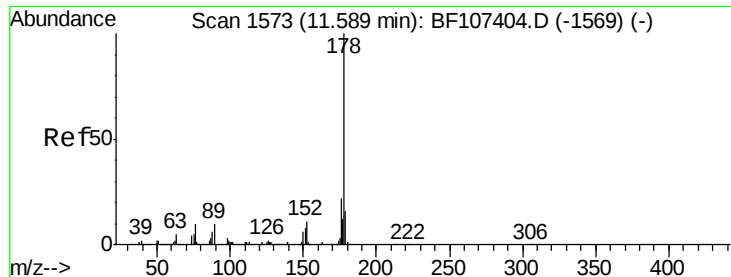


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 24.450 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.05 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

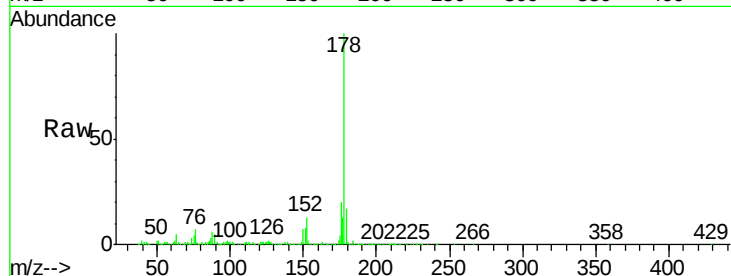
Tgt Ion:178 Resp: 530402

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

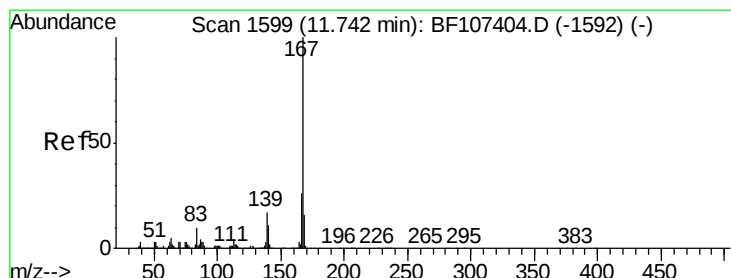
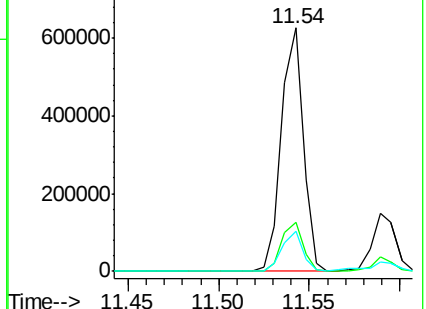
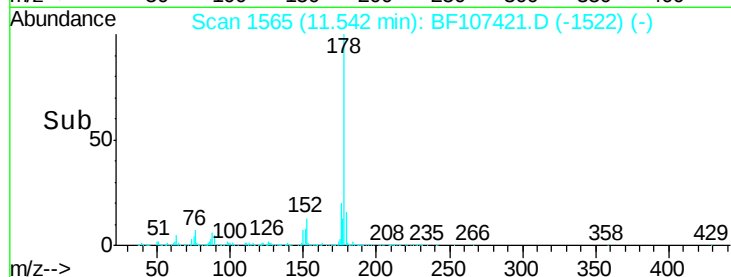
179 16.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.434 ng

RT: 11.74 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

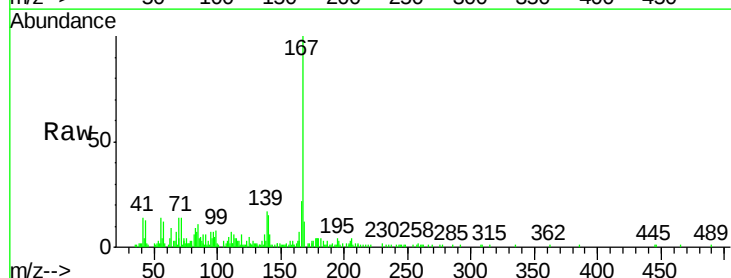
Tgt Ion:167 Resp: 49993

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

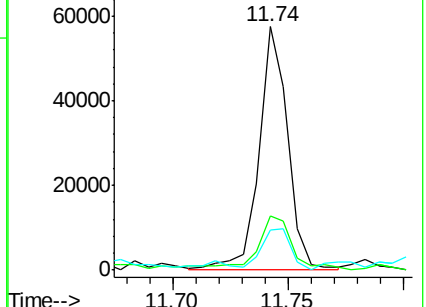
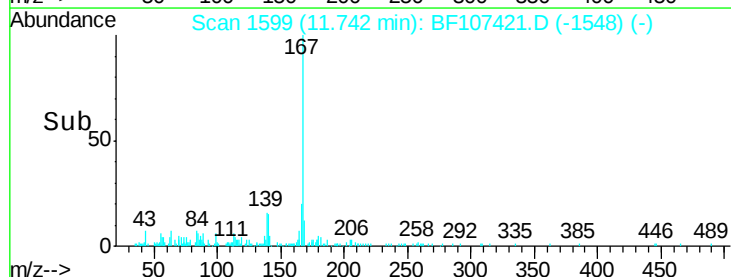
139 16.7 10.9 16.3#

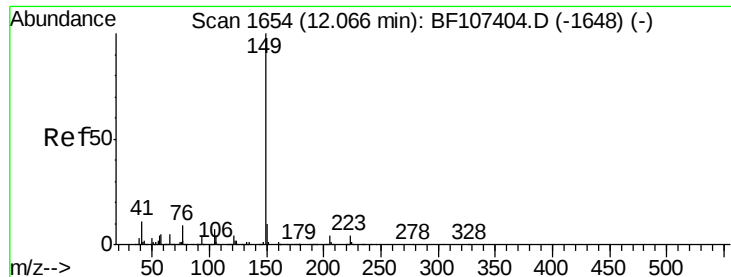


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.327 ng

RT: 12.07 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

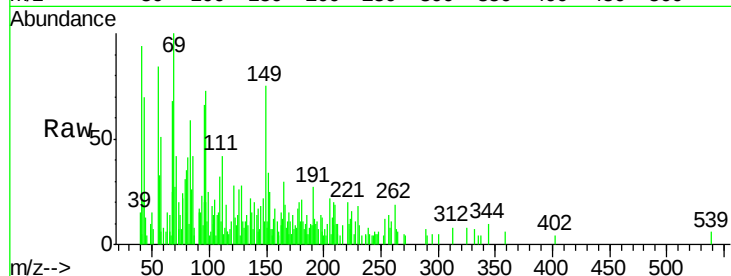
Tgt Ion:149 Resp: 7721

Ion Ratio Lower Upper

149 100

150 11.2 7.8 11.6

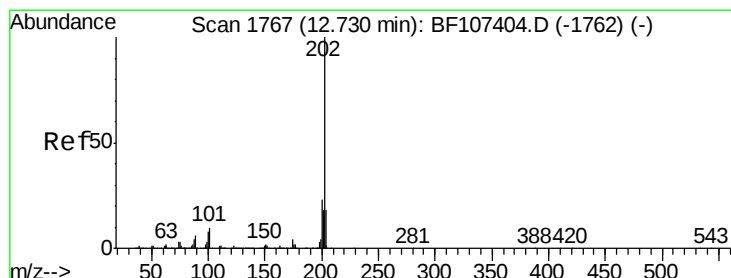
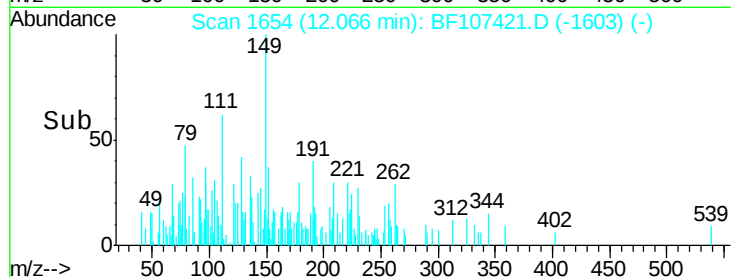
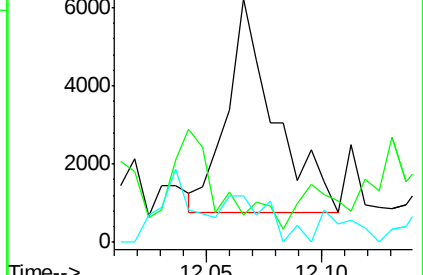
104 19.3 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.703 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

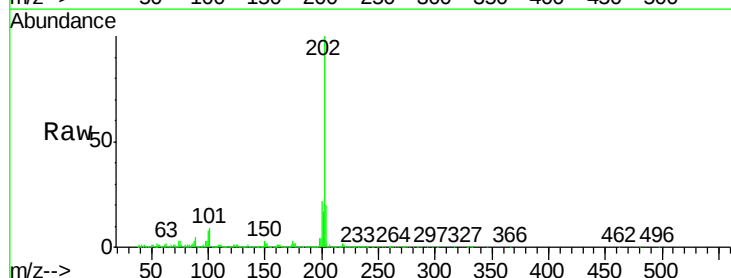
Tgt Ion:202 Resp: 710531

Ion Ratio Lower Upper

202 100

101 8.8 0.0 34.1

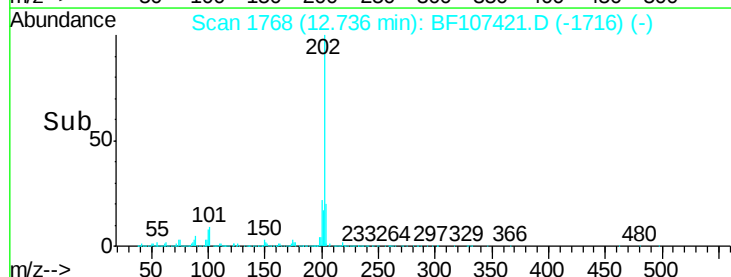
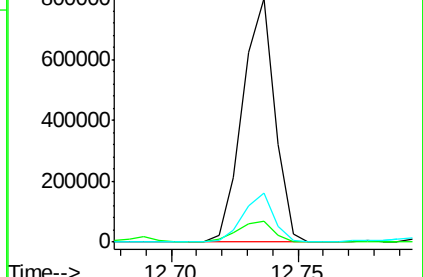
203 20.0 0.0 38.1

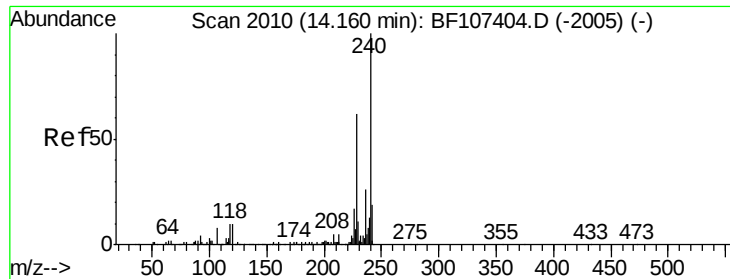


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2011

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

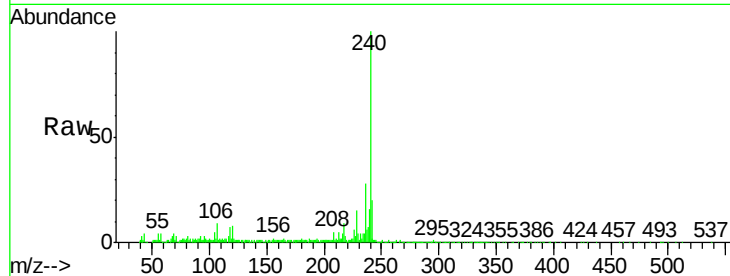
Tgt Ion:240 Resp: 396204

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

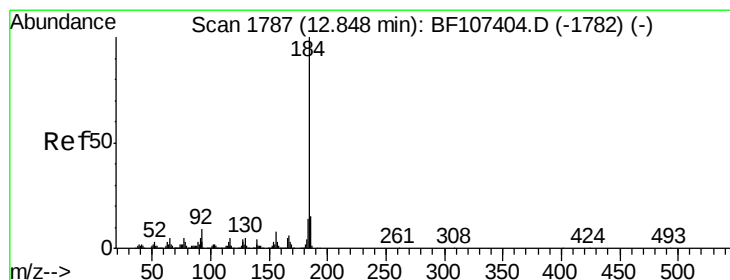
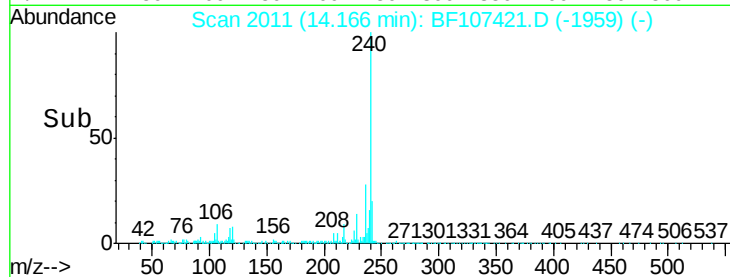
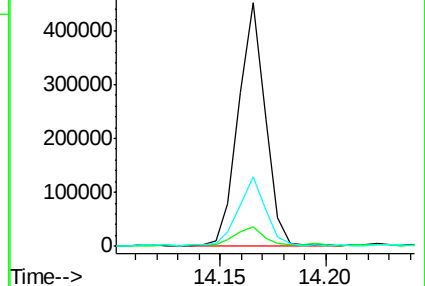
236 28.4 20.7 31.1



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: 0.069 ng

RT: 12.86 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

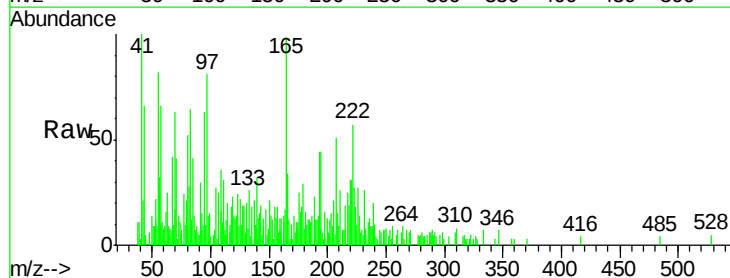
Tgt Ion:184 Resp: 1057

Ion Ratio Lower Upper

184 100

185 231.4 12.6 18.8#

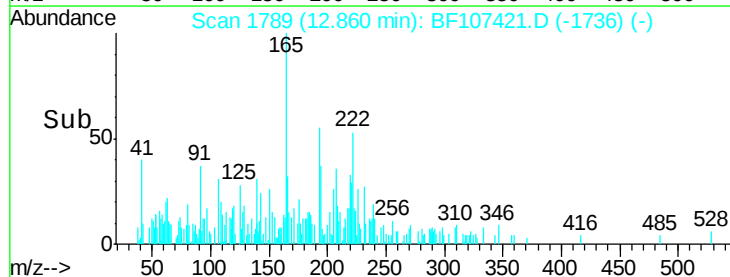
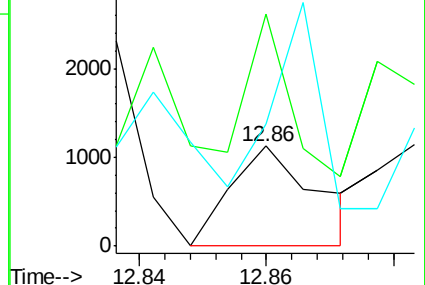
183 122.1 9.3 13.9#

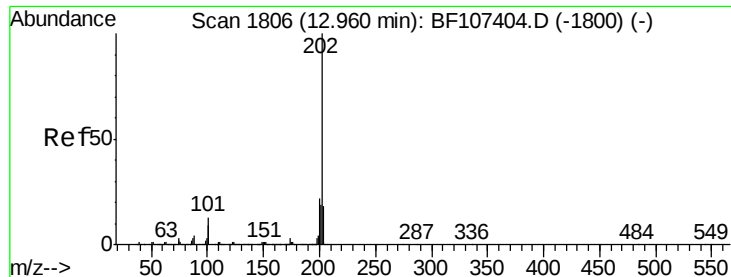


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 25.194 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

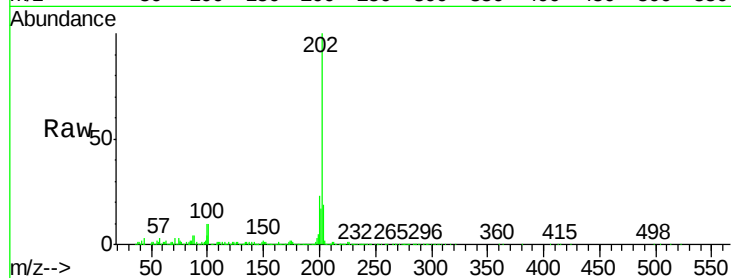
Tgt Ion: 202 Resp: 678798

Ion Ratio Lower Upper

202 100

200 23.1 17.4 26.2

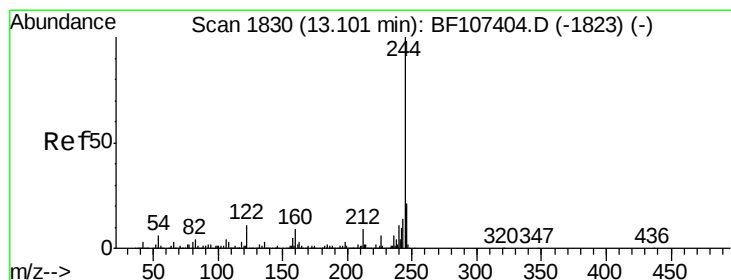
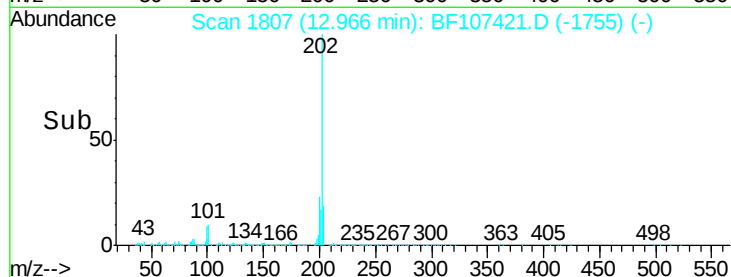
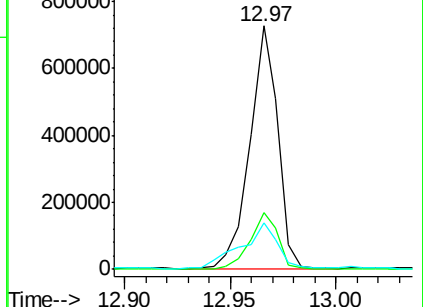
203 19.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 36.477 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

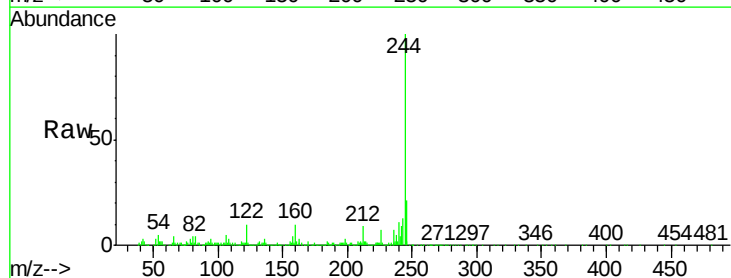
Tgt Ion: 244 Resp: 581676

Ion Ratio Lower Upper

244 100

212 9.4 5.4 8.0#

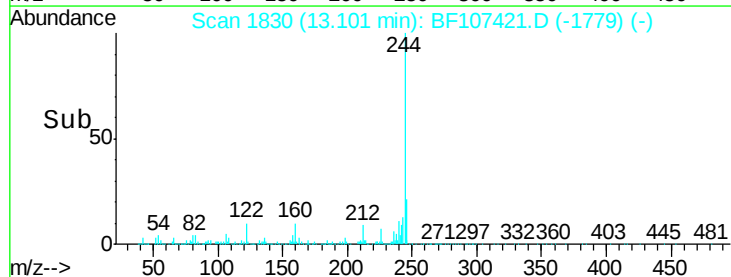
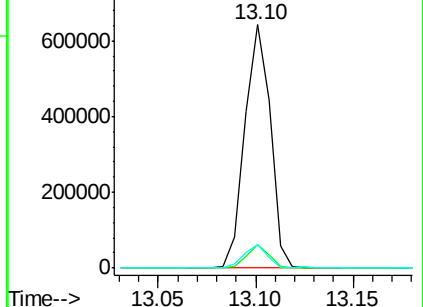
122 9.7 11.0 16.4#

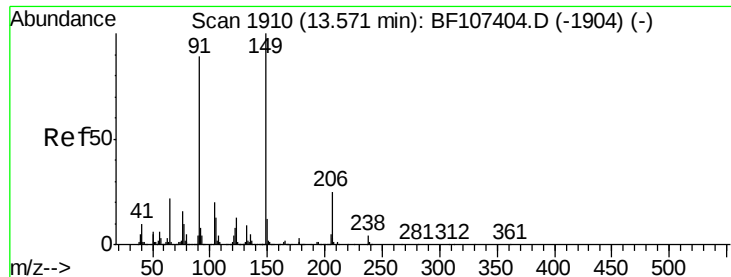


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.471 ng

RT: 13.57 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

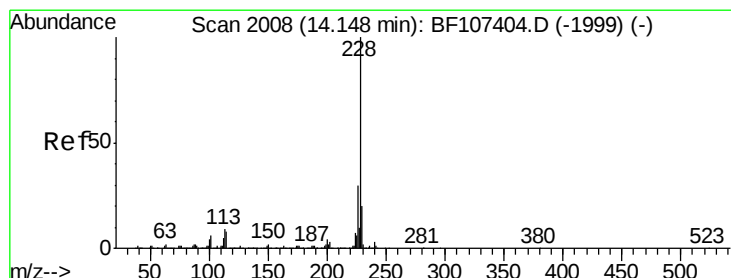
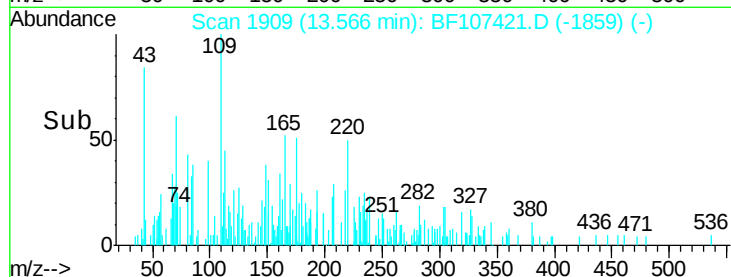
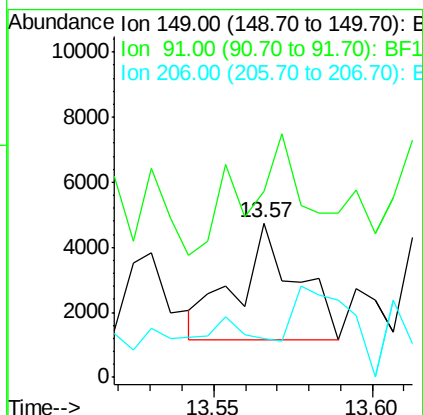
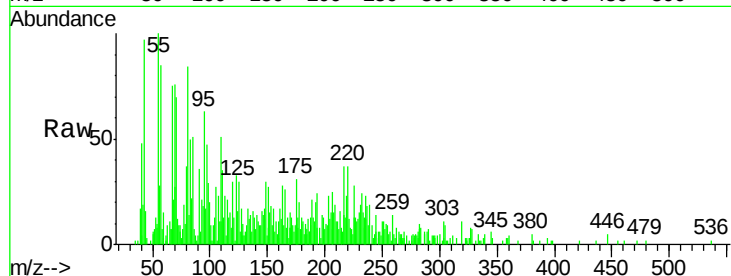
Tgt Ion:149 Resp: 4618

Ion Ratio Lower Upper

149 100

91 120.5 56.8 85.2#

206 24.9 14.1 21.1#



#80

Benzo(a)anthracene

Concen: 16.148 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

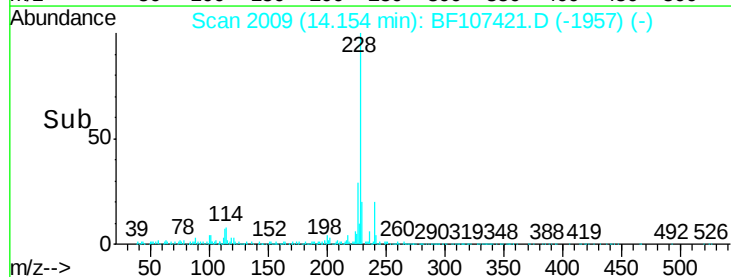
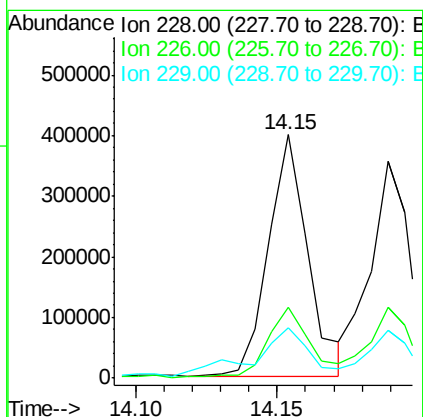
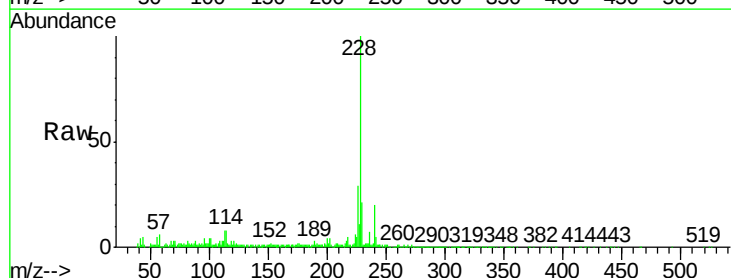
Tgt Ion:228 Resp: 391458

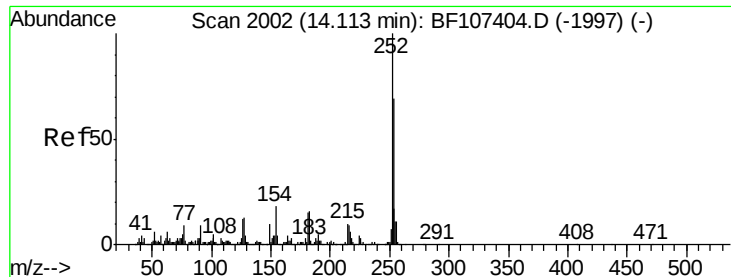
Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

229 20.7 15.8 23.6

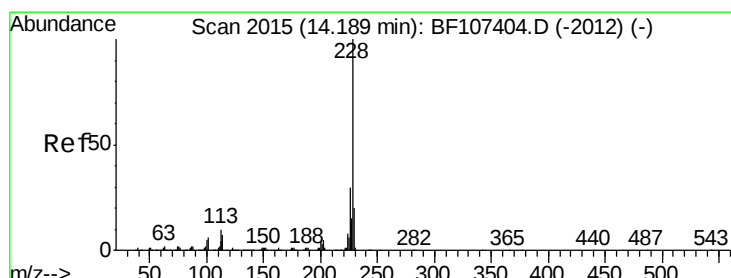
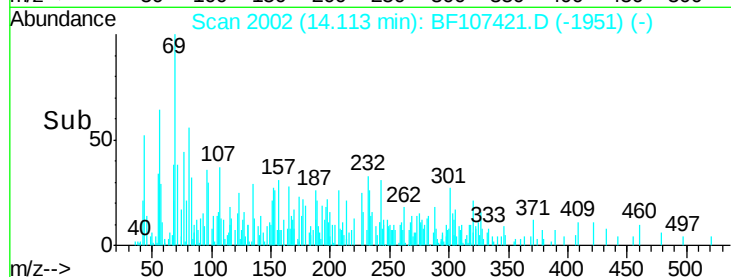
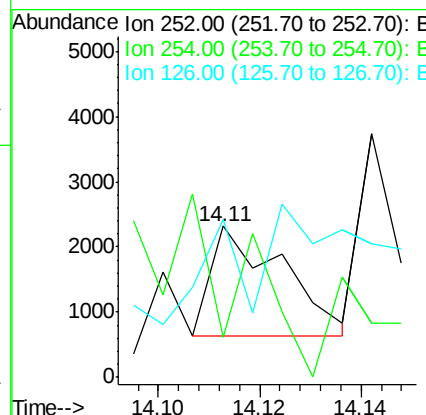
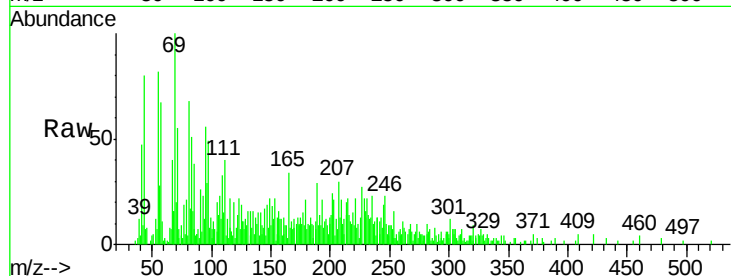




#81
 3,3'-Dichlorobenzidine
 Concen: 0.205 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

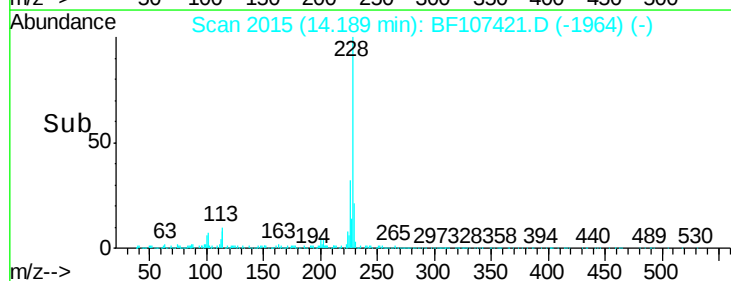
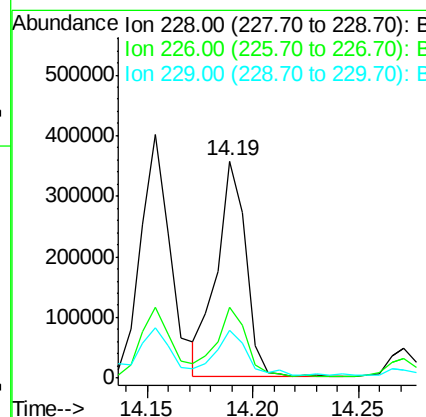
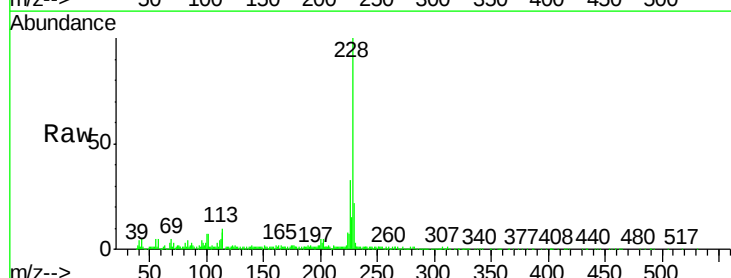
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-B

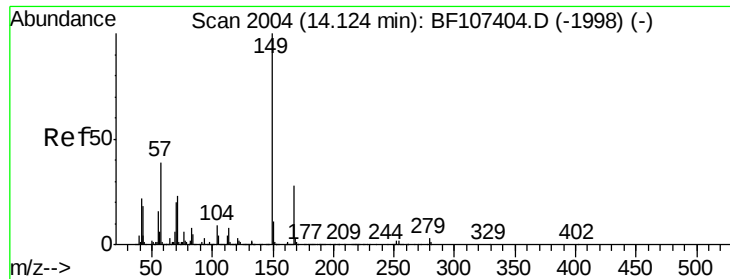
Tgt Ion:252 Resp: 1664
 Ion Ratio Lower Upper
 252 100
 254 27.0 50.4 75.6#
 126 104.6 11.3 16.9#



#82
 Chrysene
 Concen: 14.841 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF107421.D
 Acq: 16 Jul 2018 23:49

Tgt Ion:228 Resp: 343686
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.0 37.6
 229 22.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.831 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

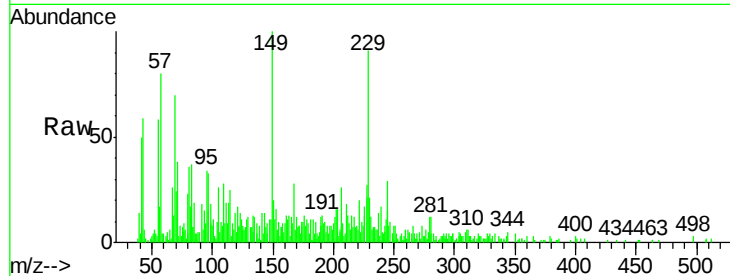
Tgt Ion:149 Resp: 25748

Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

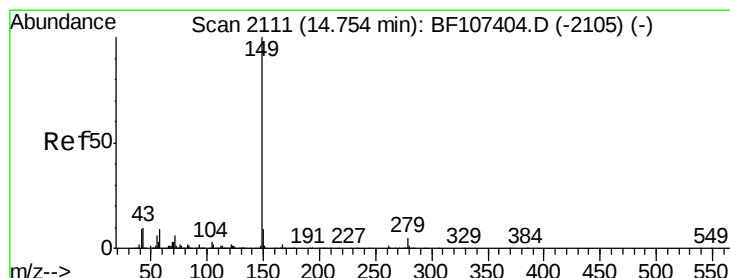
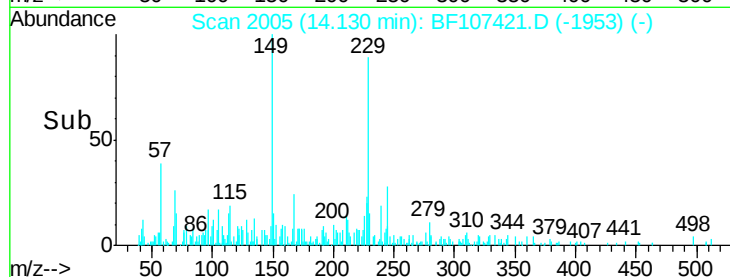
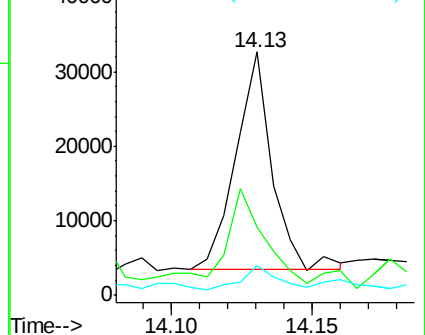
279 12.3 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.069 ng

RT: 14.77 min Scan# 2114

Delta R.T. 0.02 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

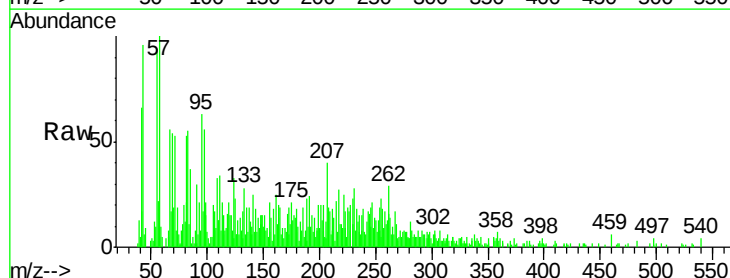
Tgt Ion:149 Resp: 1503

Ion Ratio Lower Upper

149 100

167 90.3 1.2 1.8#

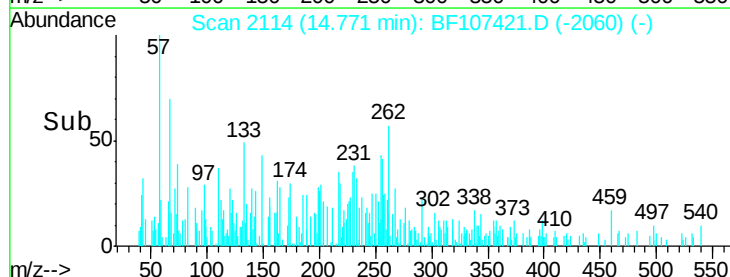
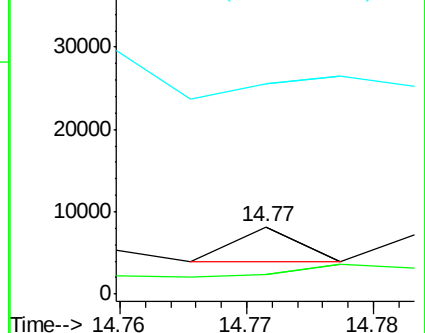
43 420.3 8.4 12.6#

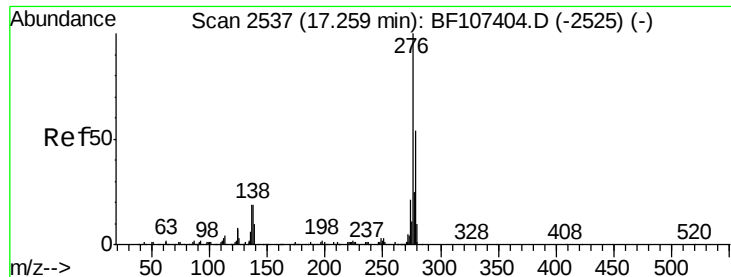


Abundance Ion 149.00 (148.70 to 149.70): E

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: 5.814 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

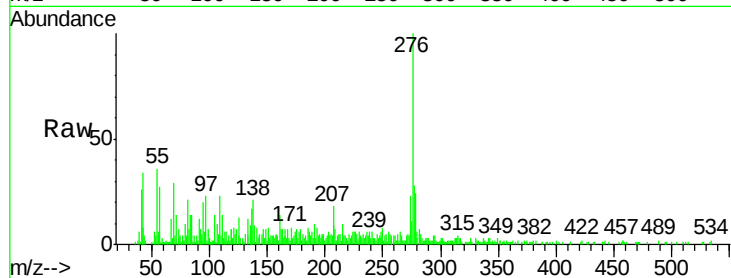
Tgt Ion:276 Resp: 95842

Ion Ratio Lower Upper

276 100

138 23.1 25.0 37.6#

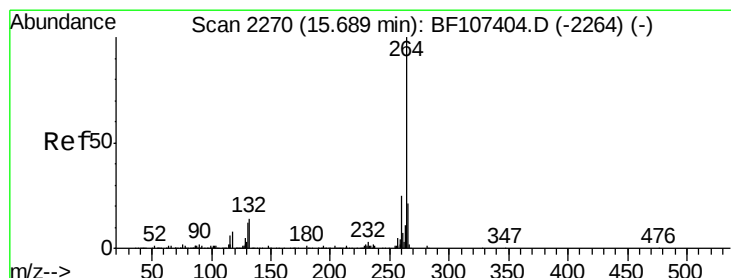
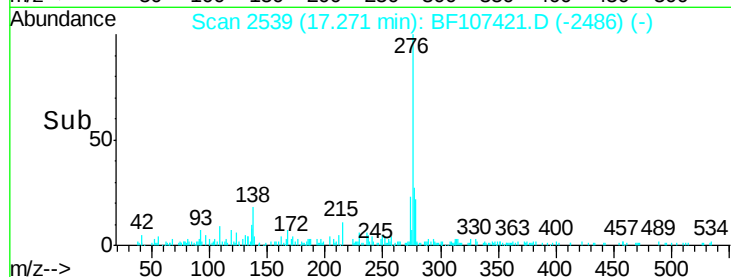
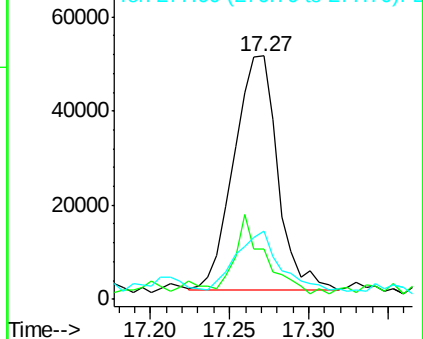
277 29.6 20.1 30.1



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: BF107421.D

Acq: 16 Jul 2018 23:49

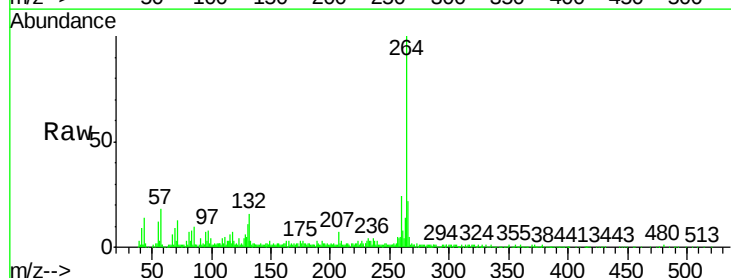
Tgt Ion:264 Resp: 279908

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

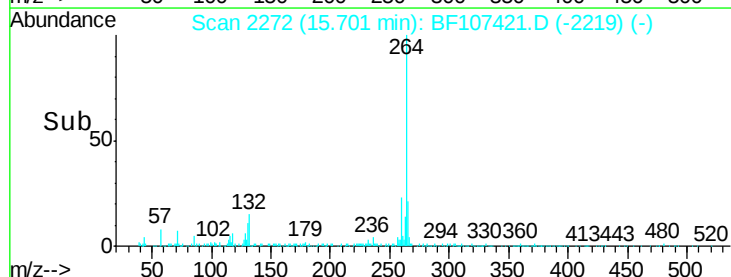
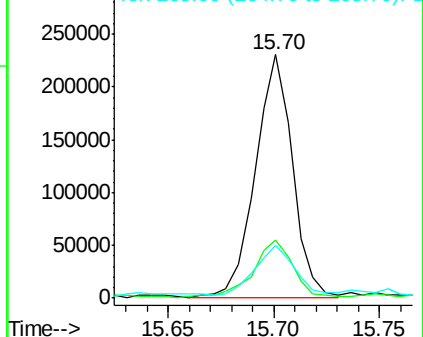
265 22.0 17.5 26.3

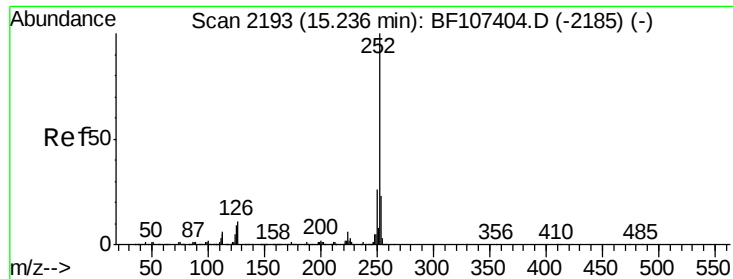


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 26.744 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

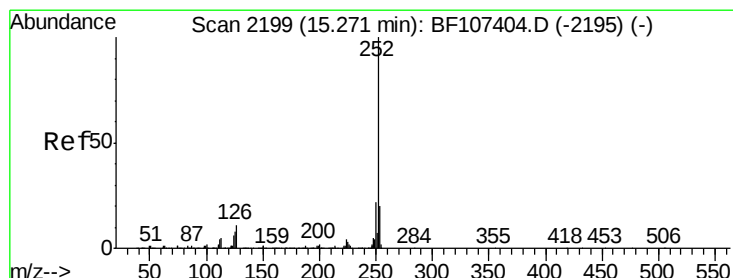
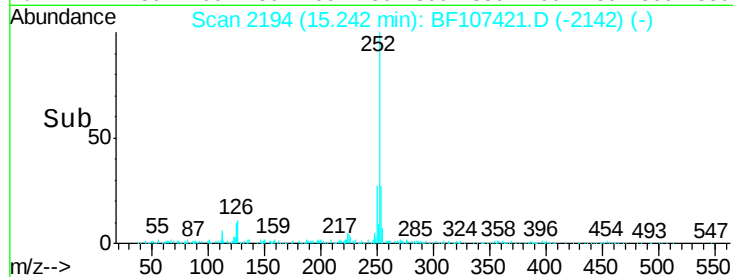
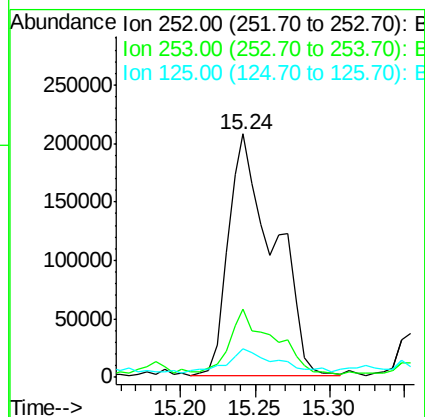
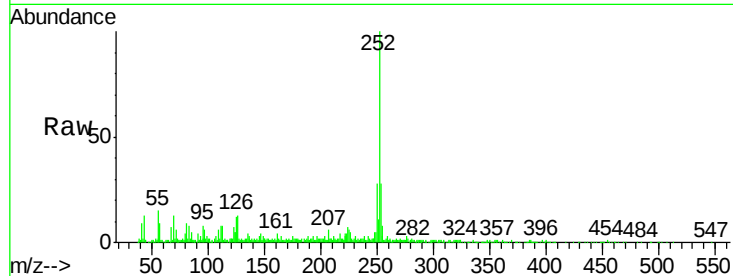
Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

Tgt Ion:	252	Resp:	438163
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.0	25.6#
125	11.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 27.404 ng

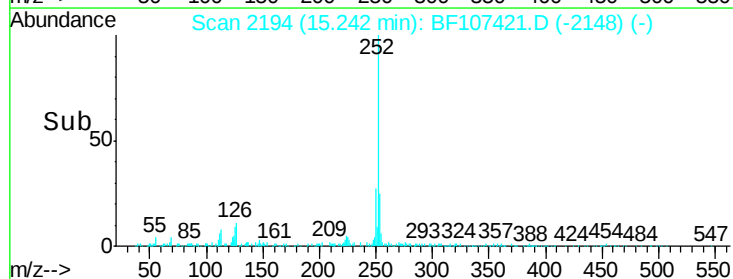
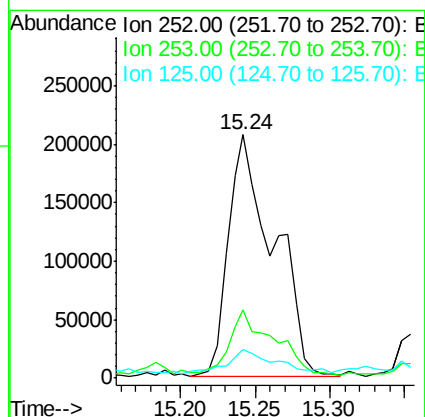
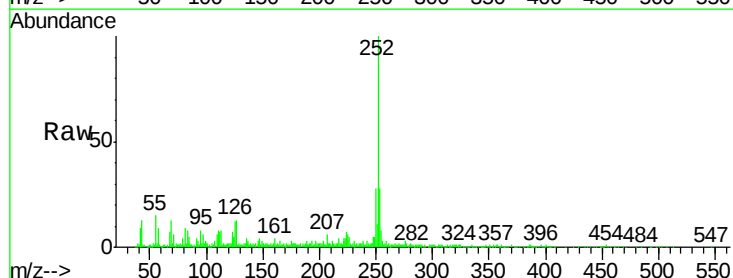
RT: 15.24 min Scan# 2194

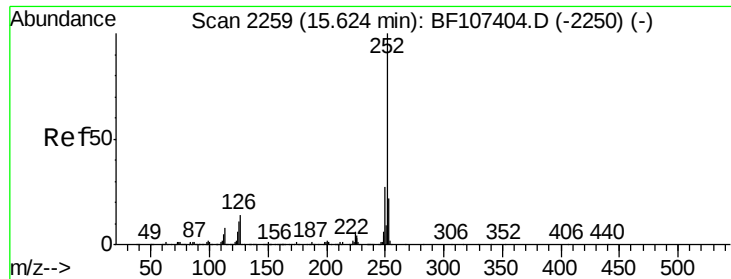
Delta R.T. -0.03 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Tgt Ion:	252	Resp:	438163
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.9	26.9#
125	11.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 14.818 ng

RT: 15.63 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

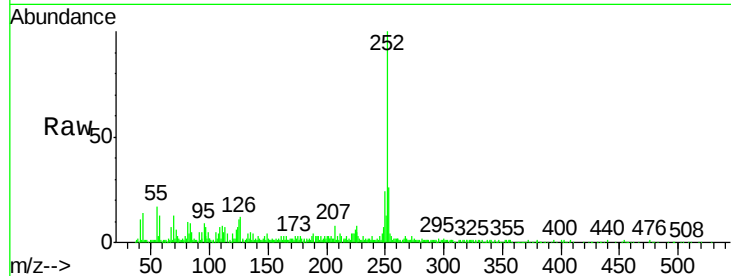
Tgt Ion:252 Resp: 222821

Ion Ratio Lower Upper

252 100

253 26.5 17.1 25.7#

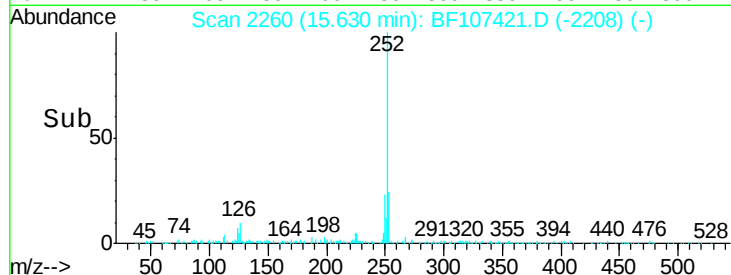
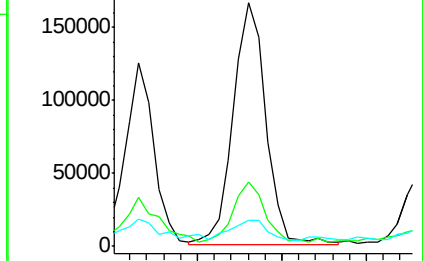
125 10.9 9.8 14.6



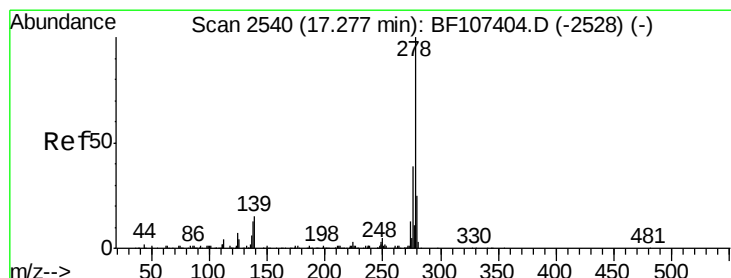
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 2.423 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

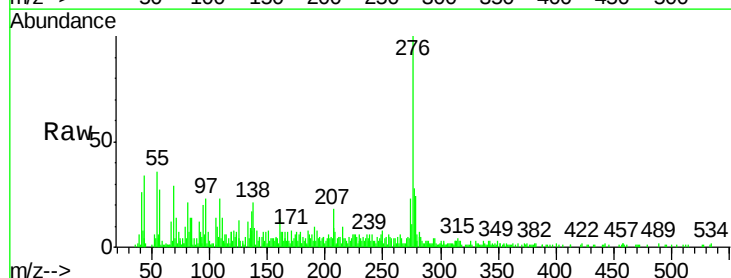
Tgt Ion:278 Resp: 27499

Ion Ratio Lower Upper

278 100

139 38.8 15.9 23.9#

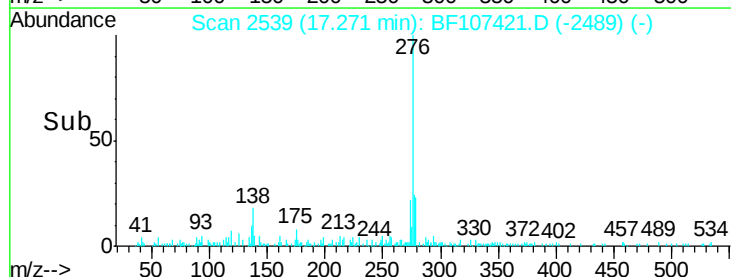
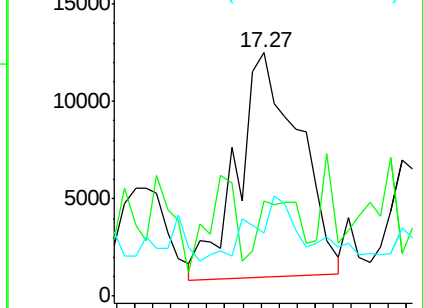
279 26.1 19.0 28.4



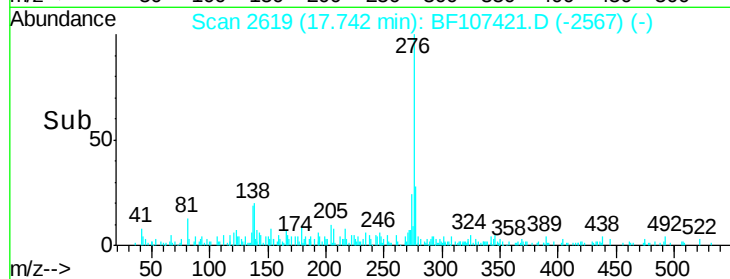
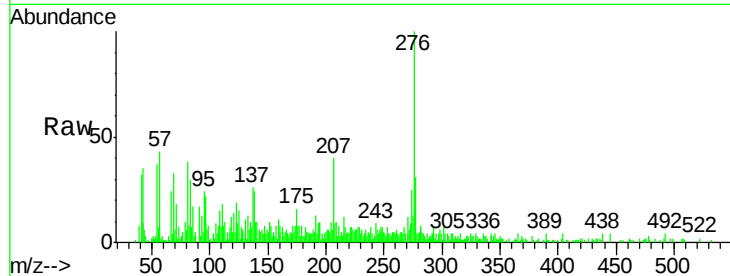
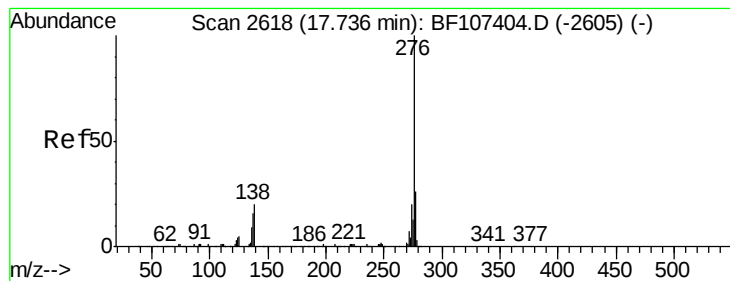
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 7.327 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF107421.D

Acq: 16 Jul 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-B

Tgt Ion:276 Resp: 84498

Ion Ratio Lower Upper

276 100

277 30.8 17.9 26.9#

138 24.1 21.8 32.8

