

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107422.D
 Acq On : 17 Jul 2018 00:17
 Operator : JU/SJ
 Sample : J3821-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 17 01:02:37 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	157396	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	537183	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	243731	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	463070	20.00	ng	0.00
75) Chrysene-d12	14.17	240	420086	20.00	ng	0.00
86) Perylene-d12	15.70	264	263310	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	333852	32.21	ng	0.00
7) Phenol-d6	6.60	99	437486	32.65	ng	0.00
23) Nitrobenzene-d5	7.54	82	298114	29.59	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	64651	30.19	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	527897	28.97	ng	0.00
78) Terphenyl-d14	13.10	244	505579	29.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	1051	0.205	ng	# 26
3) Pyridine	3.61	79	121	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.57	42	331	0.058	ng	# 1
6) Aniline	6.65	93	472	0.027	ng	# 42
8) 2-Chlorophenol	6.75	128	555	0.053	ng	# 1
9) Benzaldehyde	6.54	77	1039	0.096	ng	# 27
10) Phenol	6.61	94	12913	0.899	ng	# 51
11) bis(2-Chloroethyl)ether	6.75	93	1425	0.122	ng	# 1
12) 1,3-Dichlorobenzene	6.93	146	109	0.009	ng	# 26
13) 1,4-Dichlorobenzene	7.00	146	583	0.046	ng	# 26
14) 1,2-Dichlorobenzene	7.14	146	516	0.044	ng	# 1
15) Benzyl Alcohol	7.14	79	7903	0.587	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.08	45	210	0.017	ng	# 70
17) 2-Methylphenol	7.22	107	151	0.015	ng	# 1
18) Hexachloroethane	7.51	117	2044	0.436	ng	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	49405	5.150	ng	# 71
20) 3+4-Methylphenols	7.35	107	522	0.041	ng	# 42
22) Acetophenone	7.37	105	9909	0.671	ng	# 63
24) Nitrobenzene	7.54	77	2494	0.220	ng	# 34
25) Isophorone	7.54	82	294996	14.774	ng	# 64
26) 2-Nitrophenol	7.88	139	573	0.149	ng	# 53
27) 2,4-Dimethylphenol	7.94	122	270	0.034	ng	# 4
28) bis(2-Chloroethoxy)methane	8.01	93	639	0.051	ng	# 1
29) 2,4-Dichlorophenol	8.08	162	583	0.070	ng	# 26
30) 1,2,4-Trichlorobenzene	8.17	180	160	0.016	ng	# 12
31) Naphthalene	8.28	128	17522	0.672	ng	# 95
32) Benzoic acid	8.00	122	156	0.032	ng	# 1
33) 4-Chloroaniline	8.35	127	119	0.011	ng	# 1
34) Hexachlorobutadiene	8.52	225	125	0.018	ng	# 18
35) Caprolactam	8.71	113	445	0.164	ng	# 1
36) 4-Chloro-3-methylphenol	8.79	107	258	0.024	ng	# 1
37) 2-Methylnaphthalene	8.98	142	8936	0.520	ng	# 71
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	108	0.011	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	112	0.023	ng	# 26

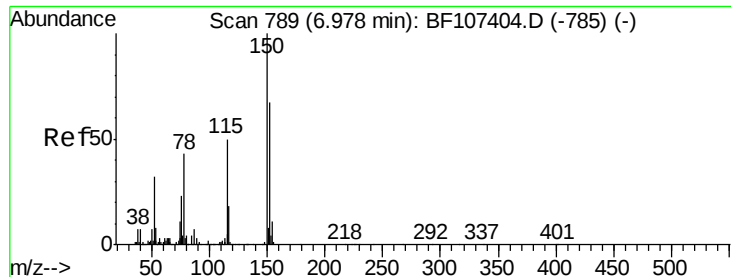
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.40	196	382	0.065	ng	# 13
43) 2,4,5-Trichlorophenol	9.40	196	382	0.067	ng	# 1
45) 1,1'-Biphenyl	9.44	154	3700	0.176	ng	87
46) 2-Chloronaphthalene	9.43	162	108	0.006	ng	# 1
47) 2-Nitroaniline	9.55	65	1506	0.296	ng	# 31
48) Acenaphthylene	9.88	152	15424	0.664	ng	94
49) Dimethylphthalate	9.73	163	97637	5.042	ng	# 97
50) 2,6-Dinitrotoluene	10.02	165	37693	10.200	ng	# 28
51) Acenaphthene	10.05	154	24075	1.564	ng	95
52) 3-Nitroaniline	9.98	138	119	0.031	ng	# 25
53) 2,4-Dinitrophenol	10.07	184	122	2.384	ng	# 1
54) Dibenzofuran	10.22	168	15167	0.637	ng	# 85
55) 4-Nitrophenol	10.12	139	879	0.280	ng	# 31
56) 2,4-Dinitrotoluene	10.19	165	1592	0.331	ng	# 21
57) Fluorene	10.57	166	23181	1.471	ng	# 82
58) 2,3,4,6-Tetrachlorophenol	10.35	232	136	0.025	ng	# 1
59) Diethylphthalate	10.45	149	1470	0.078	ng	# 61
60) 4-Chlorophenyl-phenylether	10.54	204	754	0.080	ng	# 69
61) 4-Nitroaniline	10.78	138	481	0.130	ng	89
62) Azobenzene	10.89	77	711	0.032	ng	83
64) 4,6-Dinitro-2-methylphenol	10.57	198	189	7.553	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	1551	0.106	ng	# 7
66) 4-Bromophenyl-phenylether	11.00	248	406	0.077	ng	# 42
67) Hexachlorobenzene	11.14	284	114	0.023	ng	# 1
68) Atrazine	11.22	200	375	0.068	ng	# 1
69) Pentachlorophenol	11.26	266	457	0.126	ng	# 1
70) Phenanthrene	11.54	178	241221	10.453	ng	# 94
71) Anthracene	11.54	178	241221	10.494	ng	94
72) Carbazole	11.74	167	22950	1.055	ng	# 95
73) Di-n-butylphthalate	12.07	149	7909	0.316	ng	# 88
74) Fluoranthene	12.74	202	454799	17.339	ng	92
76) Benzidine	12.85	184	1416	0.087	ng	# 1
77) Pyrene	12.97	202	404902	14.174	ng	98
79) Butylbenzylphthalate	13.63	149	2669	0.256	ng	86
80) Benzo(a)anthracene	14.19	228	190488	7.411	ng	92
81) 3,3'-Dichlorobenzidine	14.11	252	1046	0.121	ng	# 55
82) Chrysene	14.19	228	190488	7.758	ng	96
83) Bis(2-ethylhexyl)phthalate	14.13	149	14716	0.987	ng	# 54
84) Di-n-octyl phthalate	14.77	149	2816	0.121	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.27	276	54504	3.119	ng	# 80
87) Benzo(b)fluoranthene	15.24	252	231985	15.052	ng	# 90
88) Benzo(k)fluoranthene	15.24	252	231985	15.424	ng	# 93
89) Benzo(a)pyrene	15.63	252	113356	8.013	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	10405	0.975	ng	# 24
91) Benzo(g,h,i)perylene	17.75	276	54040	4.982	ng	# 83

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

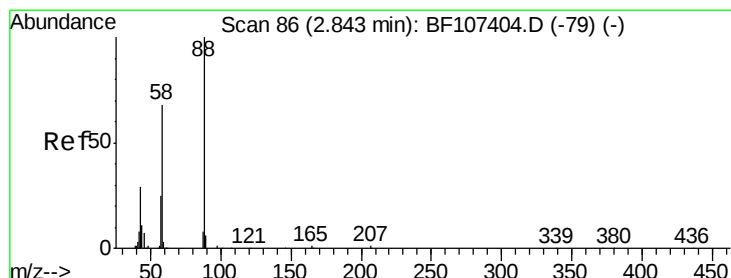
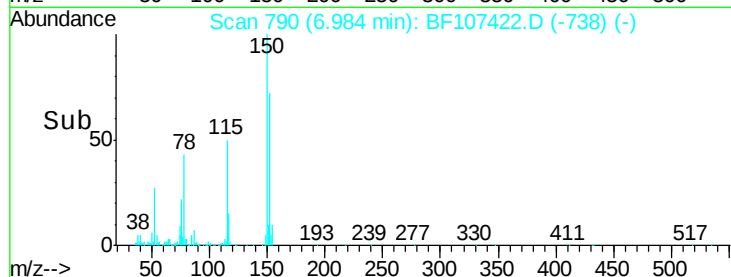
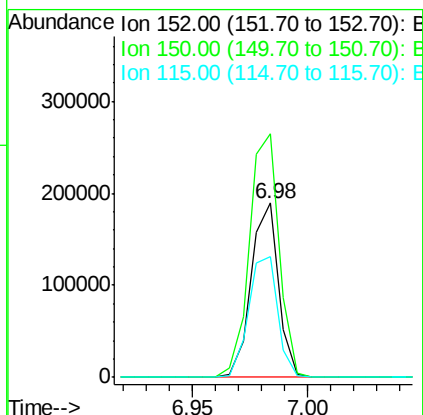
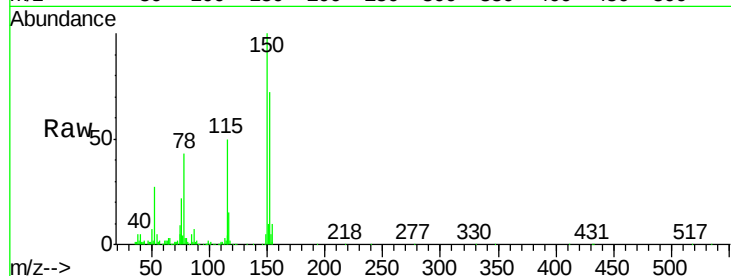


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

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

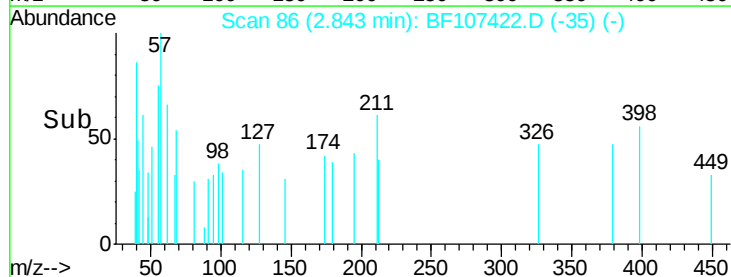
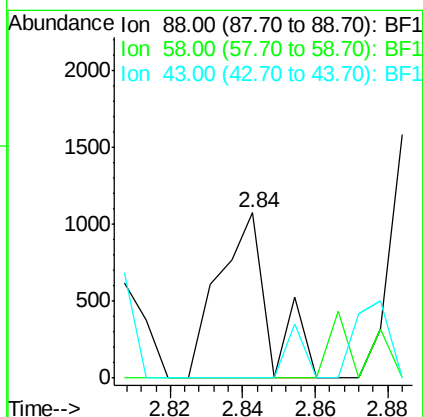
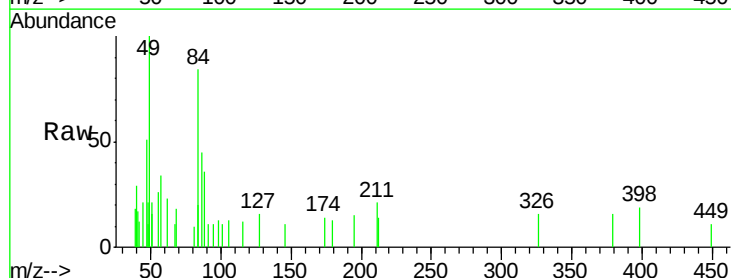
Tgt Ion:152 Resp: 157396
Ion Ratio Lower Upper
152 100
150 139.6 124.6 186.8
115 69.4 50.1 75.1

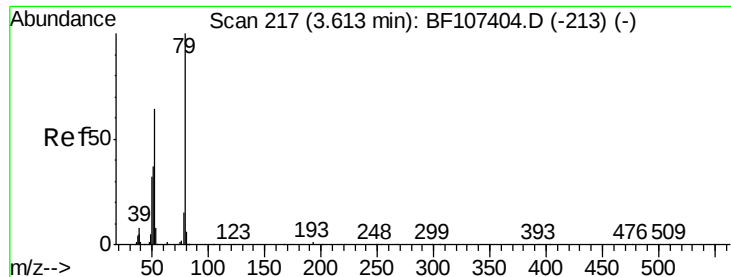


#2

1,4-Dioxane
Concen: 0.205 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion: 88 Resp: 1051
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 11.9 24.6 37.0#





#3

Pyridine

Concen: 0.009 ng

RT: 3.61 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

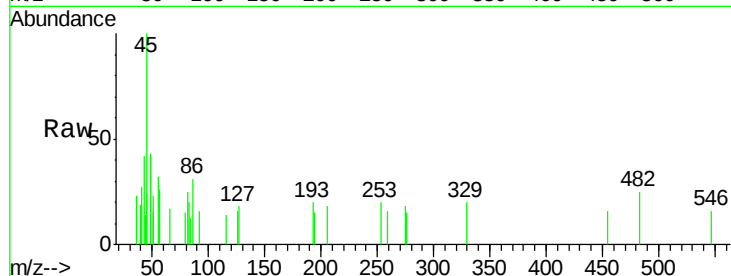
Tgt Ion: 79 Resp: 121

Ion Ratio Lower Upper

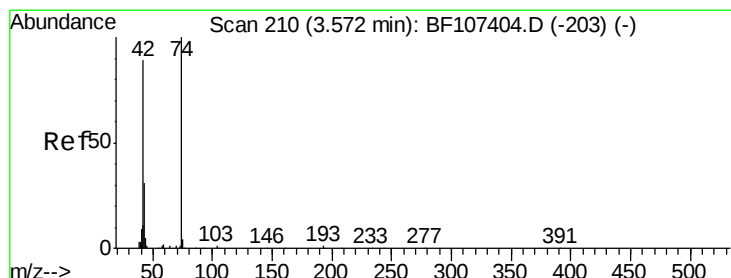
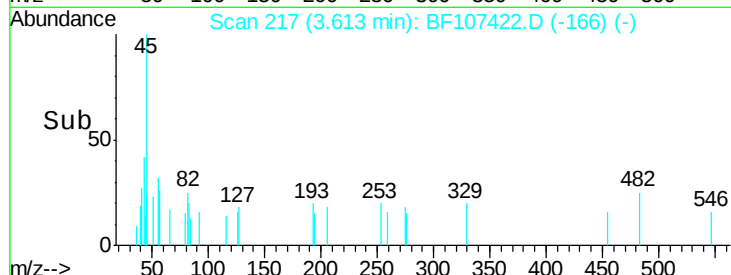
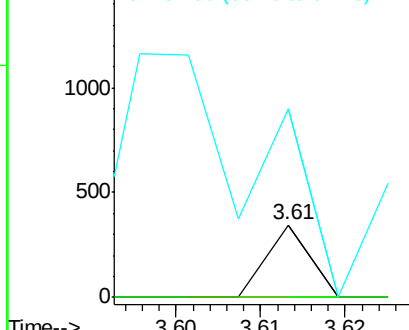
79 100

52 0.0 59.8 89.6#

51 261.6 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: 0.058 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

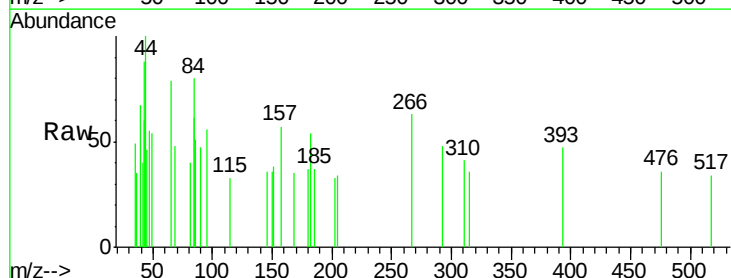
Tgt Ion: 42 Resp: 331

Ion Ratio Lower Upper

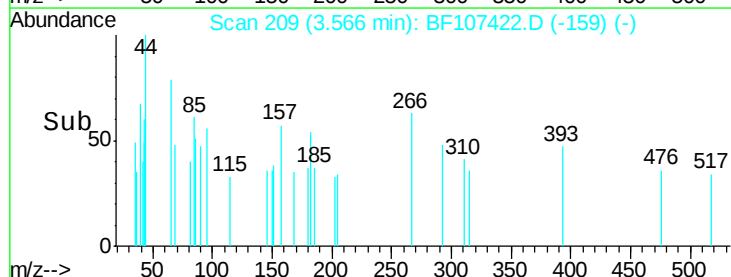
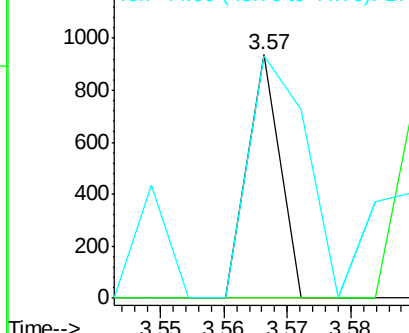
42 100

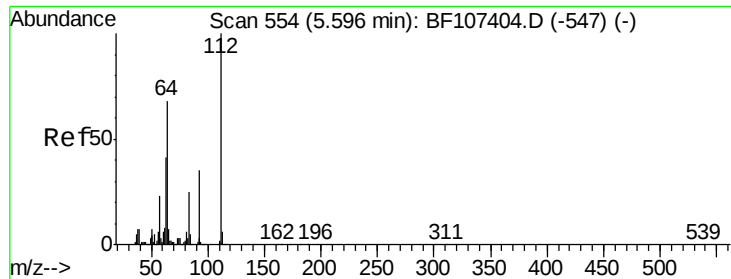
74 0.0 104.9 157.3#

44 99.4 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: 32.214 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

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ClientSampleId :

HR-05-071218-C

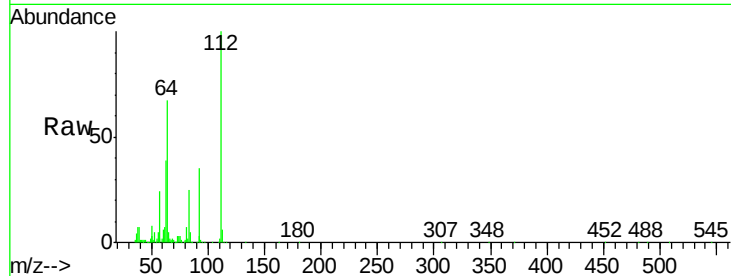
Tgt Ion: 112 Resp: 333852

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

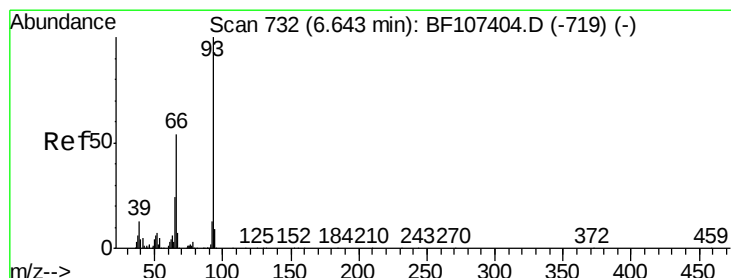
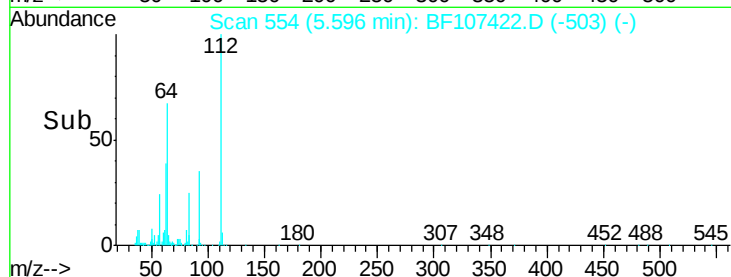
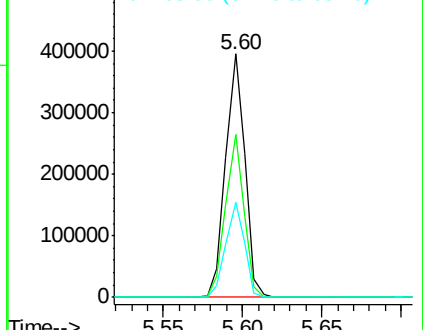
63 39.0 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.027 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

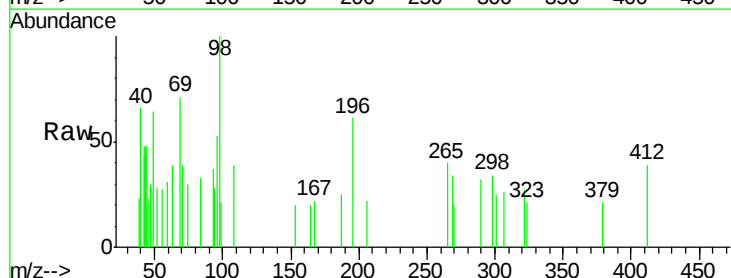
Tgt Ion: 93 Resp: 472

Ion Ratio Lower Upper

93 100

66 0.0 32.2 48.2#

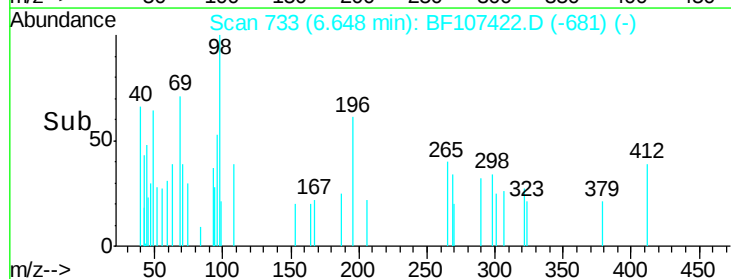
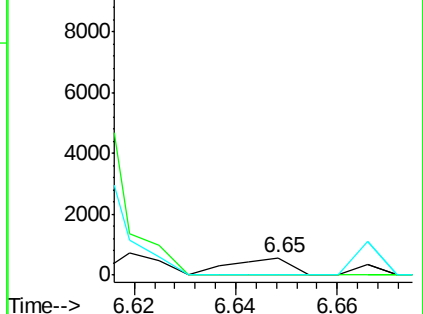
65 0.0 16.4 24.6#

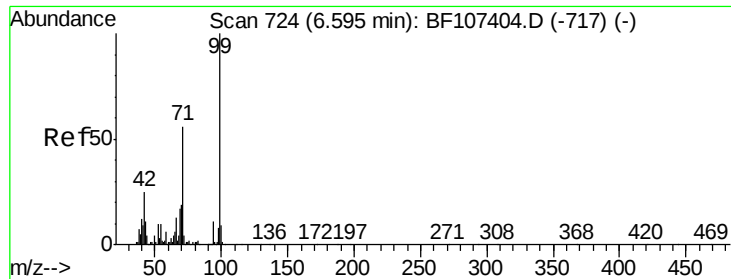


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 32.651 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

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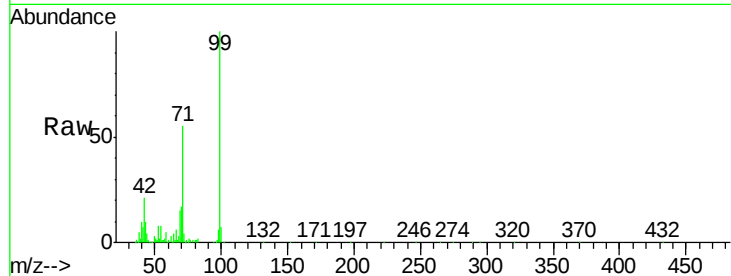
Tgt Ion: 99 Resp: 437486

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

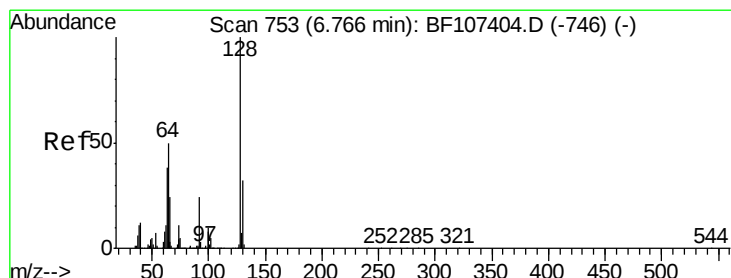
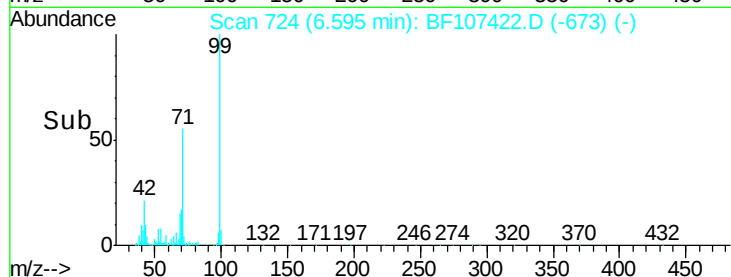
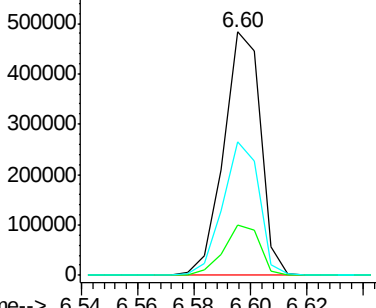
71 54.8 25.4 38.0#



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: 0.053 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

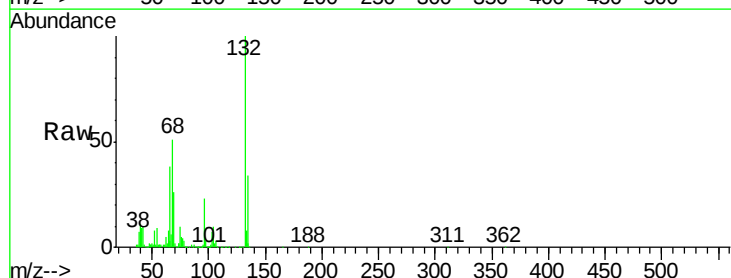
Tgt Ion: 128 Resp: 555

Ion Ratio Lower Upper

128 100

130 129.2 13.0 53.0#

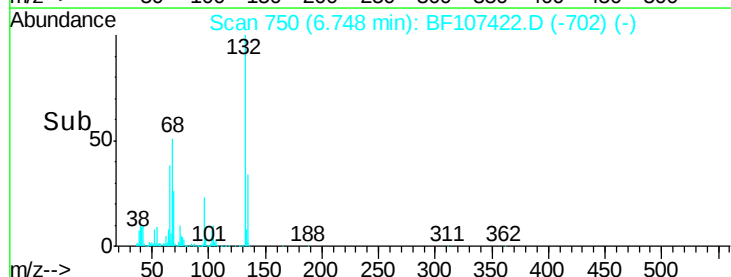
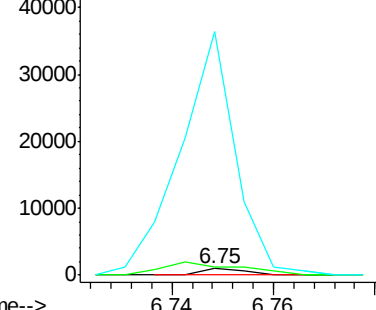
64 3691.7 29.4 69.4#

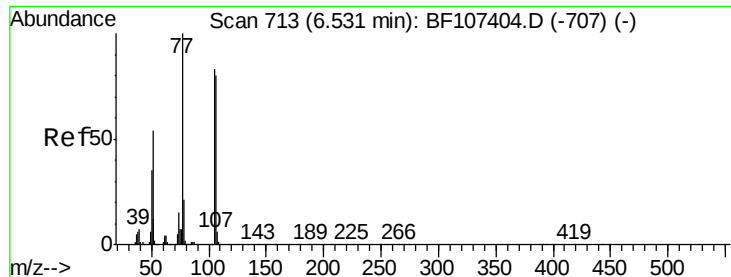


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.096 ng

RT: 6.54 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

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ClientSampleId :

HR-05-071218-C

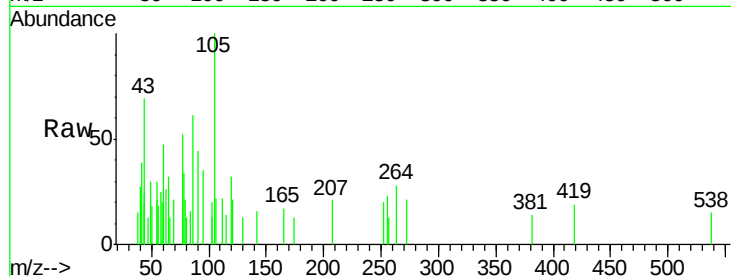
Tgt Ion: 77 Resp: 1039

Ion Ratio Lower Upper

77 100

105 191.4 81.1 121.1#

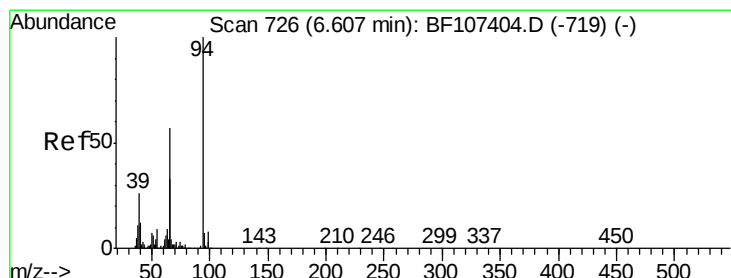
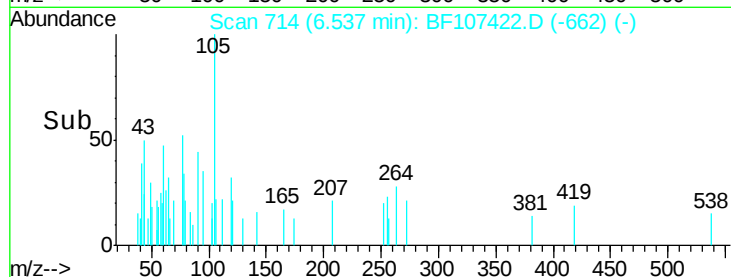
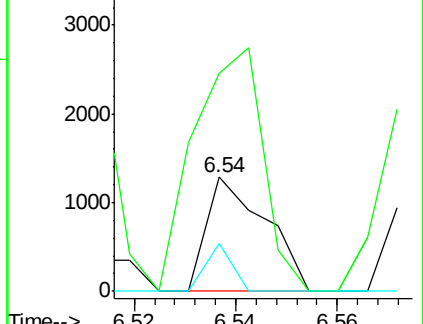
106 41.3 74.5 114.5#



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: 0.899 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

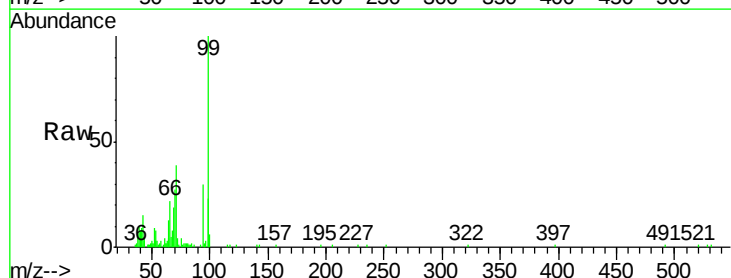
Tgt Ion: 94 Resp: 12913

Ion Ratio Lower Upper

94 100

65 43.4 7.9 47.9

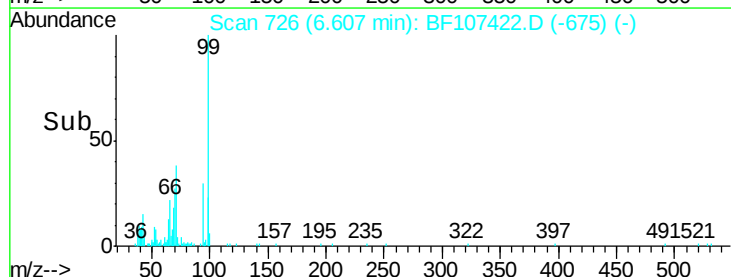
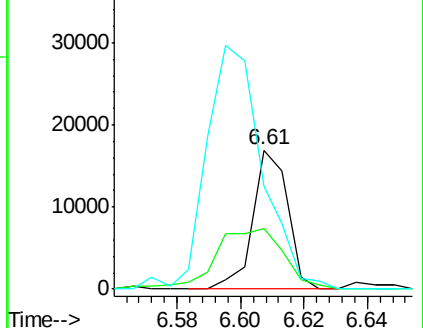
66 74.2 16.2 56.2#

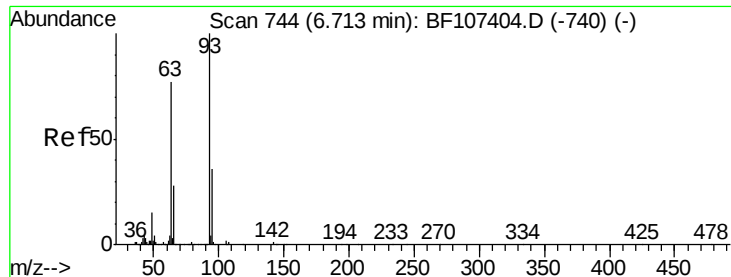


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.122 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.04 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

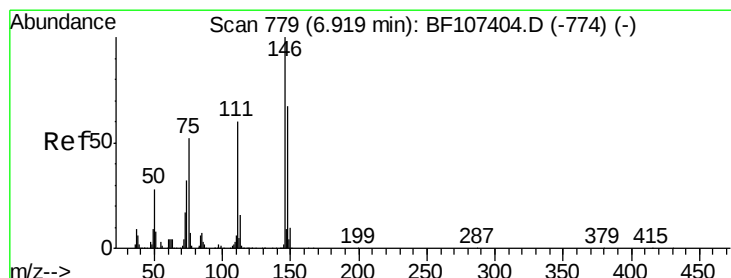
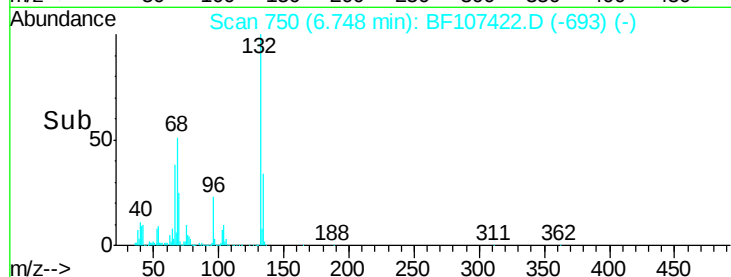
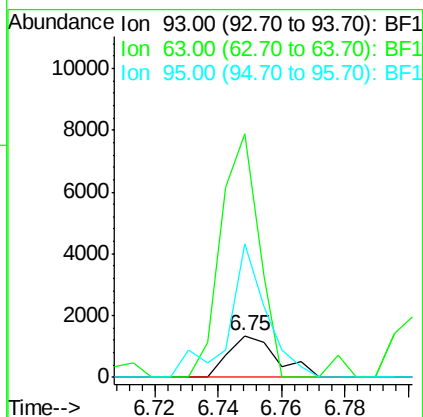
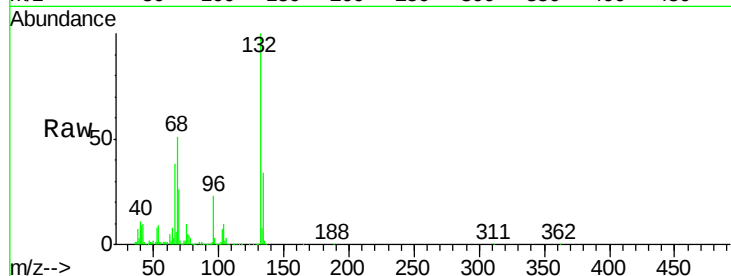
Tgt Ion: 93 Resp: 1425

Ion Ratio Lower Upper

93 100

63 585.5 58.6 98.6#

95 320.5 11.8 51.8#



#12

1,3-Dichlorobenzene

Concen: 0.009 ng

RT: 6.93 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

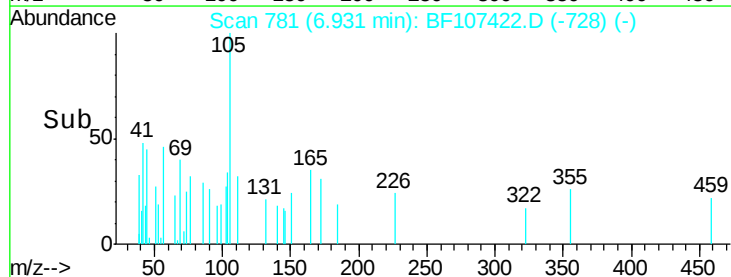
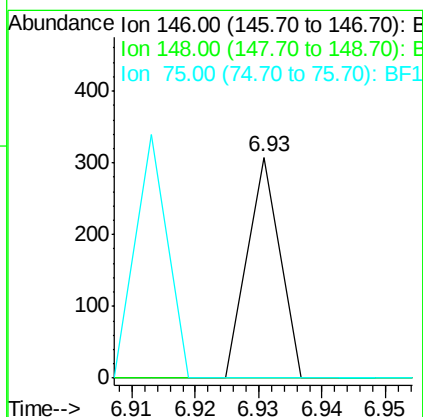
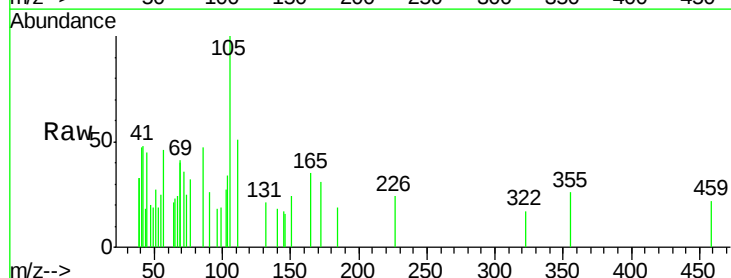
Tgt Ion: 146 Resp: 109

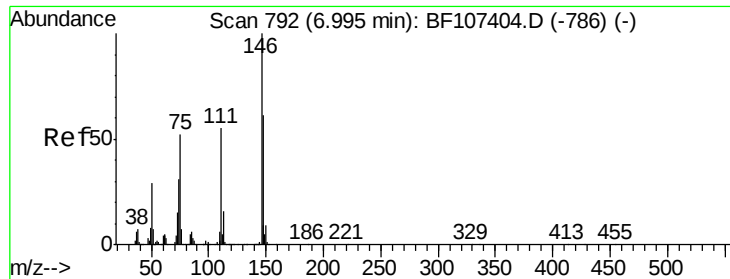
Ion Ratio Lower Upper

146 100

148 0.0 51.8 77.8#

75 0.0 24.2 36.4#

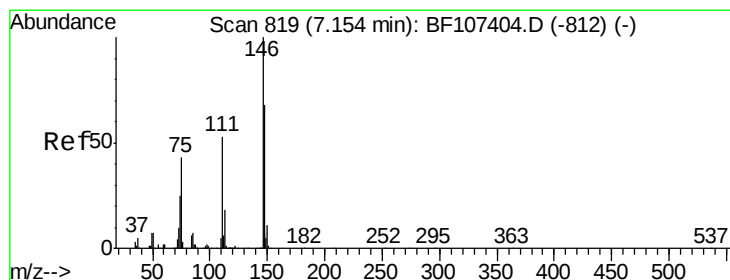
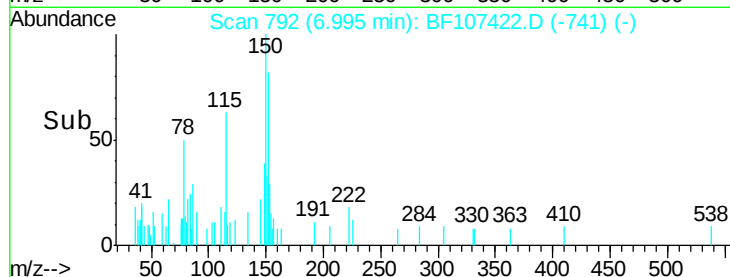
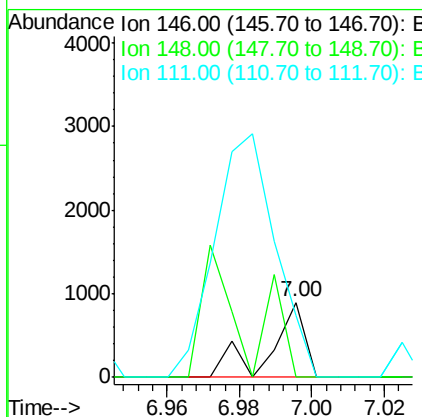
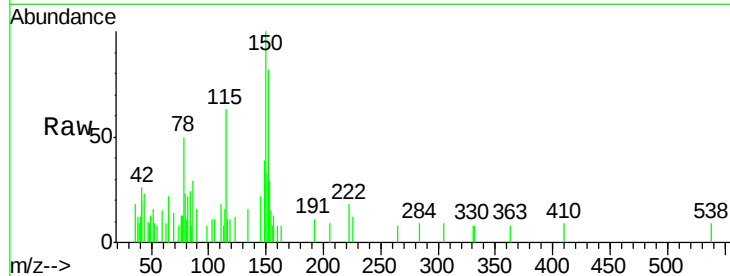




#13
 1,4-Dichlorobenzene
 Concen: 0.046 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

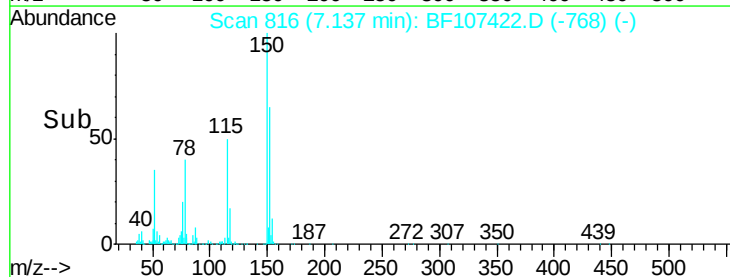
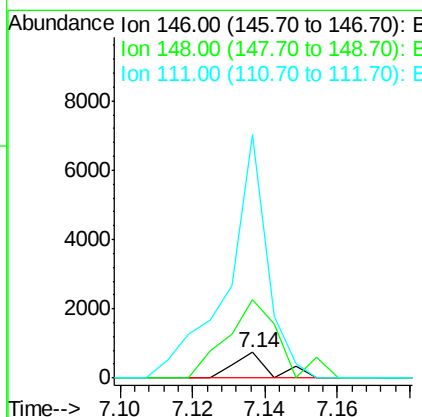
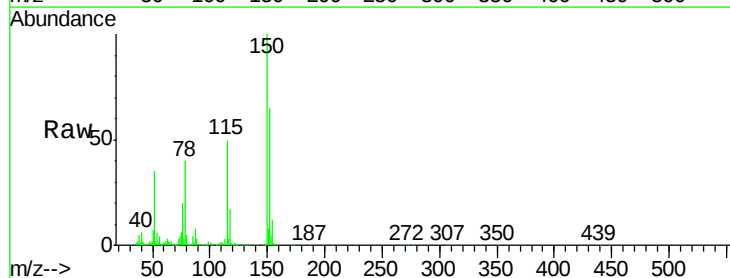
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

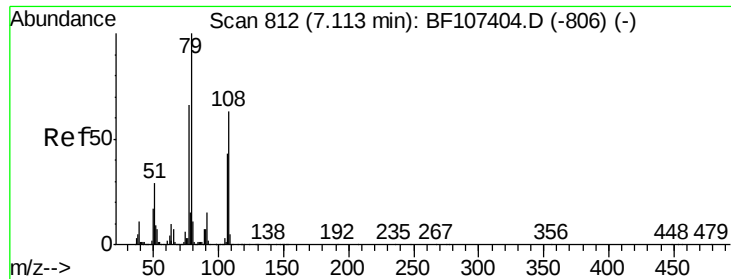
Tgt Ion:146 Resp: 583
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.8 76.2#
 111 82.4 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 0.044 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

Tgt Ion:146 Resp: 516
 Ion Ratio Lower Upper
 146 100
 148 303.3 50.6 75.8#
 111 938.3 36.0 54.0#





#15

Benzyl Alcohol

Concen: 0.587 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

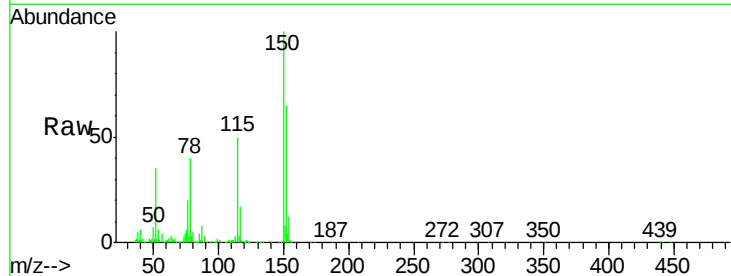
Tgt Ion: 79 Resp: 7903

Ion Ratio Lower Upper

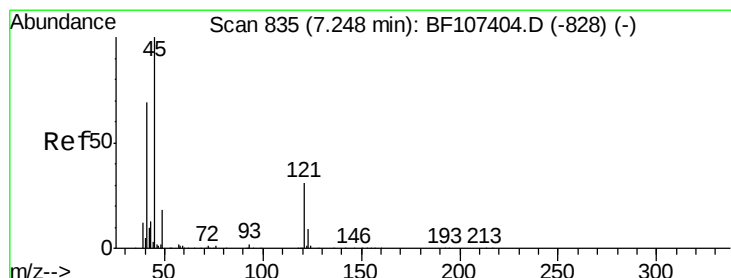
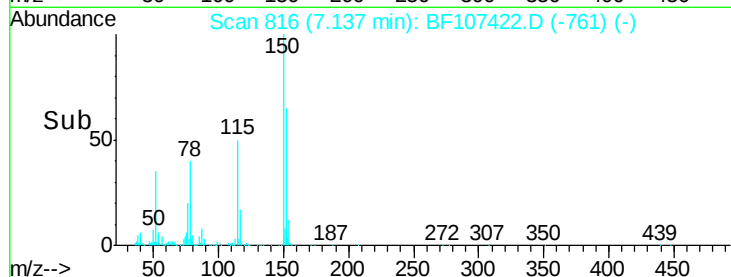
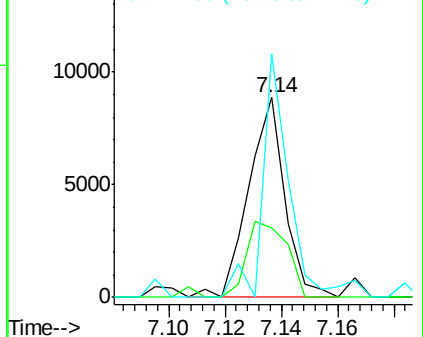
79 100

108 34.6 65.1 97.7#

77 121.7 50.6 75.8#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.017 ng

RT: 7.08 min Scan# 807

Delta R.T. -0.16 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

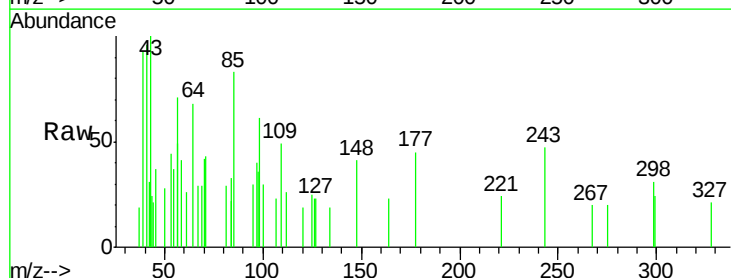
Tgt Ion: 45 Resp: 210

Ion Ratio Lower Upper

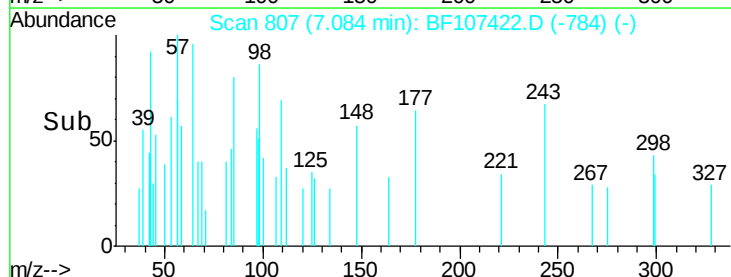
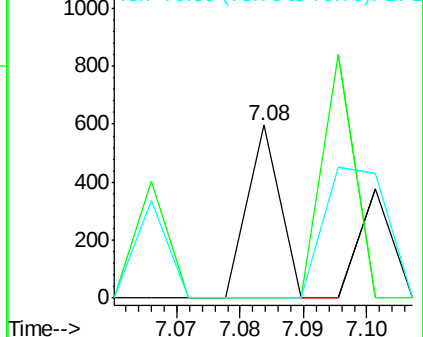
45 100

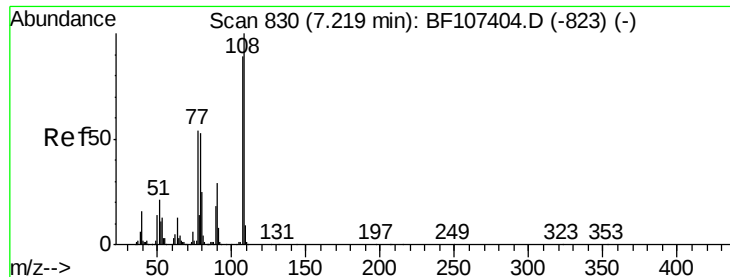
77 0.0 0.0 32.9

79 0.0 0.0 29.6



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

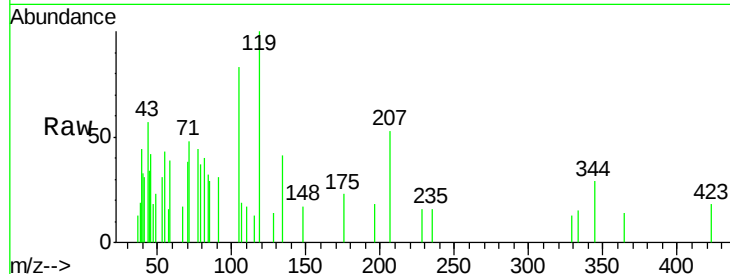




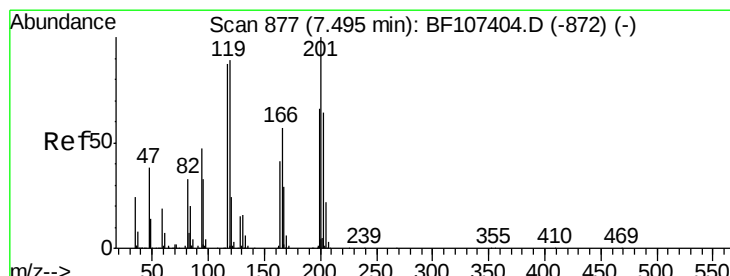
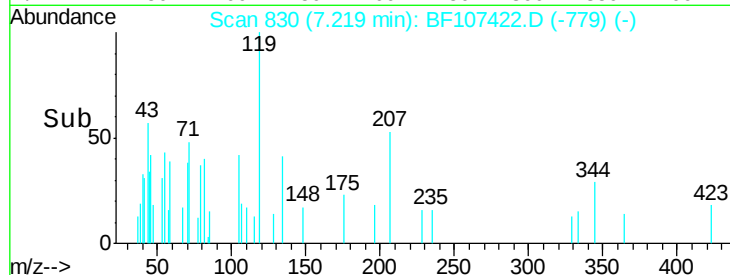
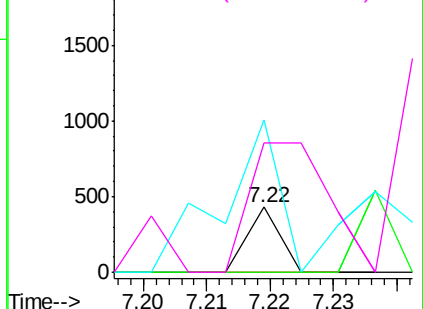
#17
2-Methylphenol
Concen: 0.015 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

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

Tgt Ion:107 Resp: 151
Ion Ratio Lower Upper
107 100
108 0.0 91.7 137.5#
77 235.3 33.8 50.8#
79 200.2 33.8 50.8#

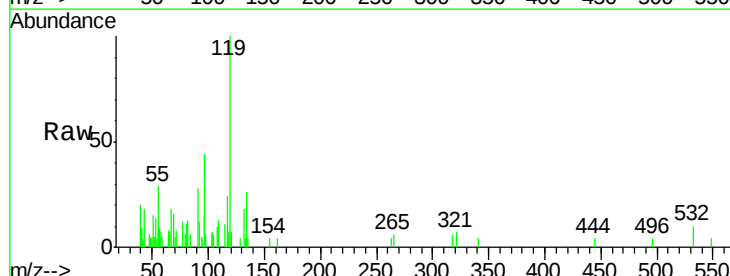


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

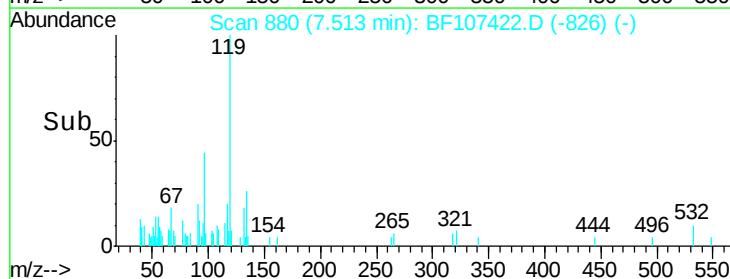
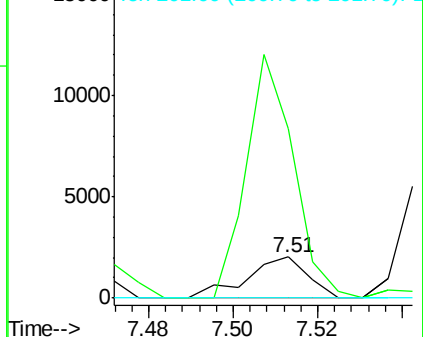


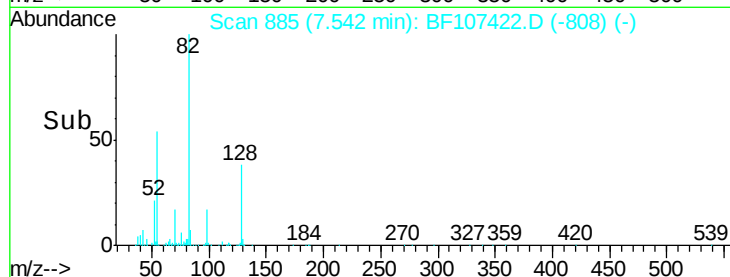
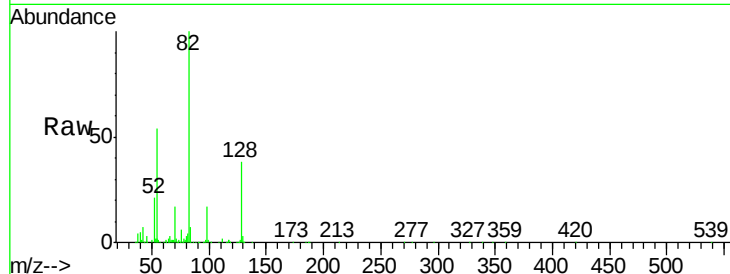
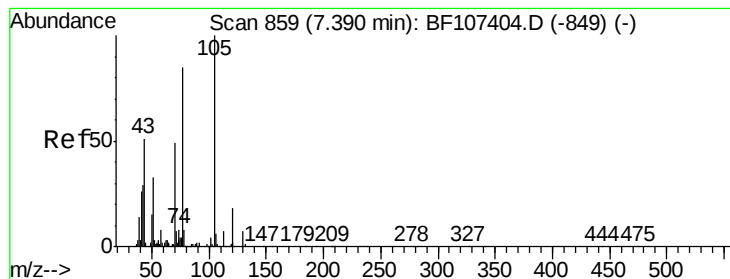
#18
Hexachloroethane
Concen: 0.436 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion:117 Resp: 2044
Ion Ratio Lower Upper
117 100
119 411.5 75.8 113.8#
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 5.150 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

Tgt Ion: 70 Resp: 49405

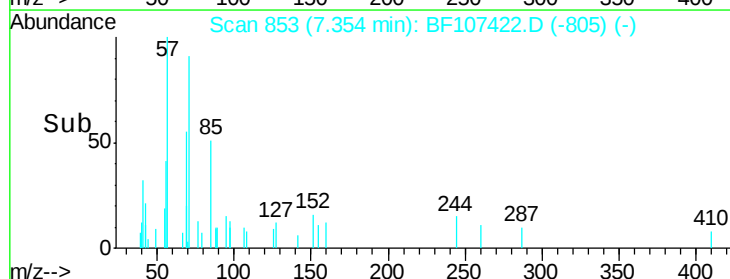
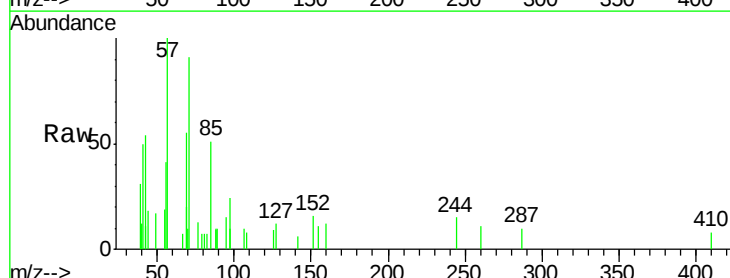
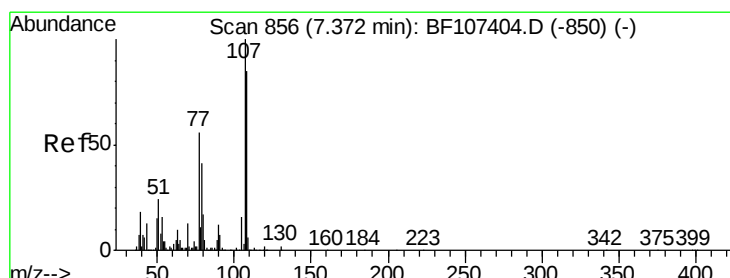
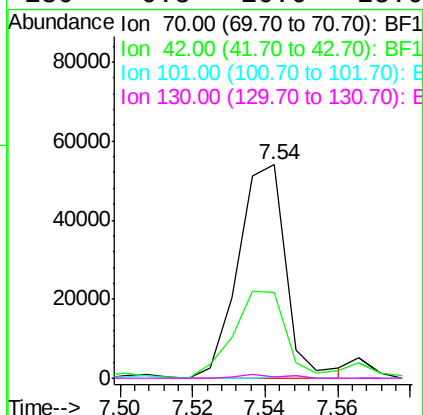
Ion Ratio Lower Upper

70 100

42 40.2 47.5 71.3#

101 1.2 7.4 11.2#

130 0.8 16.6 25.0#



#20

3+4-Methylphenols

Concen: 0.041 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion: 107 Resp: 522

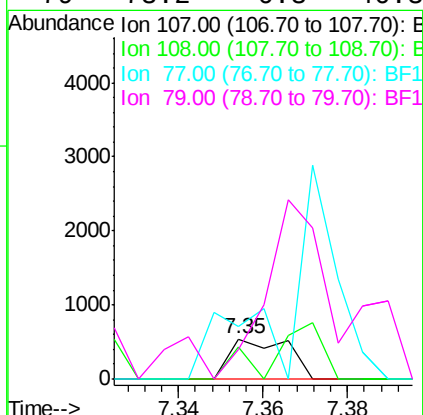
Ion Ratio Lower Upper

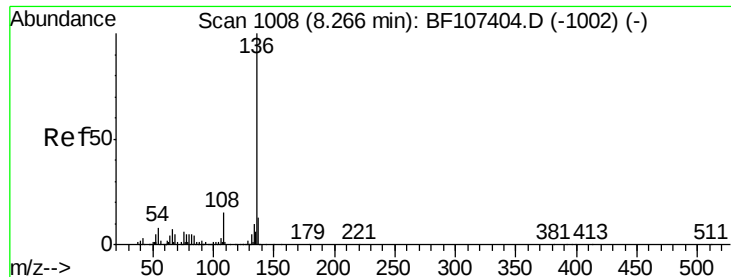
107 100

108 77.9 68.2 108.2

77 131.3 26.7 66.7#

79 73.2 6.3 46.3#

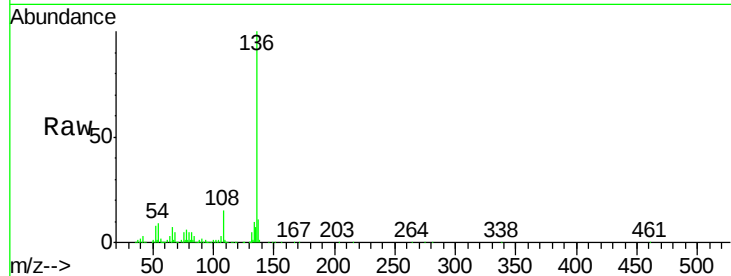




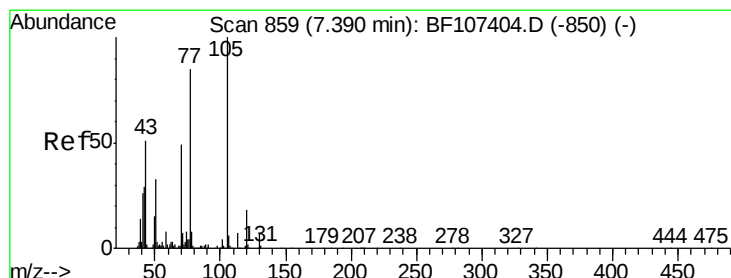
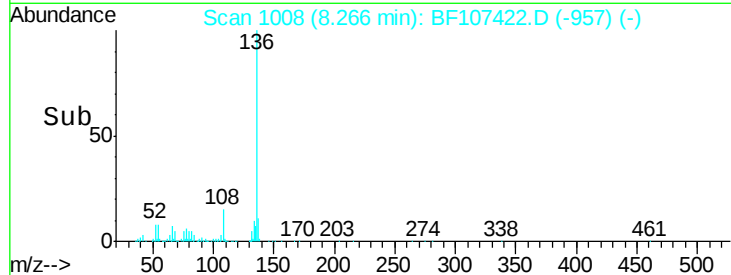
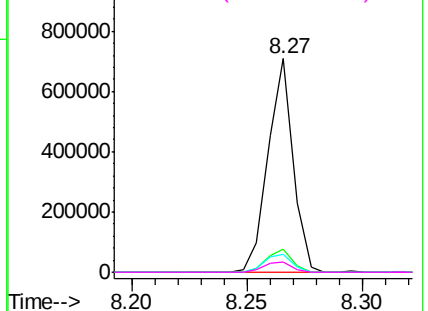
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

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

Tgt Ion:	136	Resp:	537183
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.6	6.6	9.8
68	4.7	5.0	7.4#

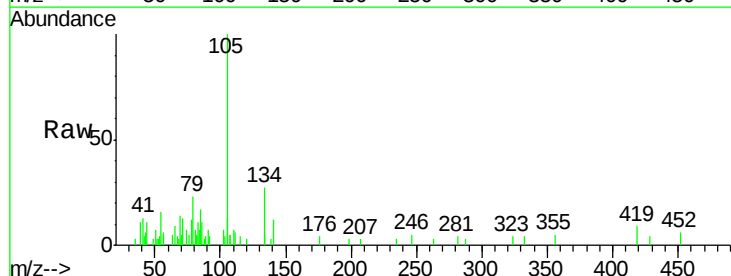


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

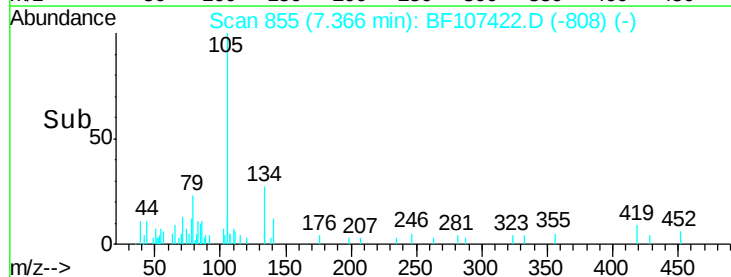
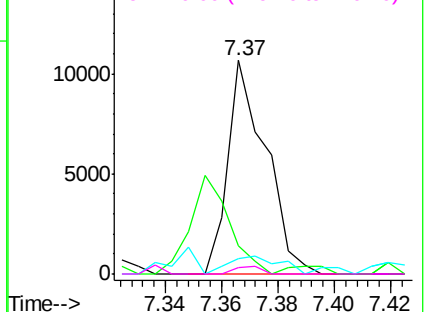


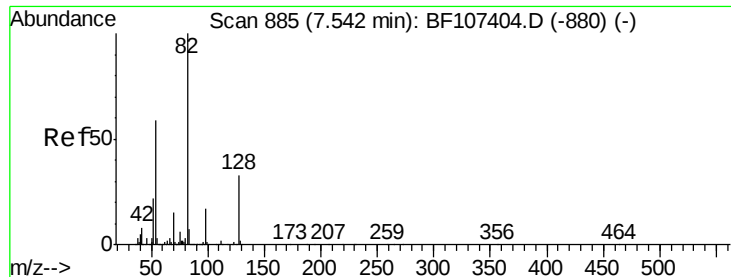
#22
Acetophenone
Concen: 0.671 ng
RT: 7.37 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion:	105	Resp:	9909
Ion	Ratio	Lower	Upper
105	100		
71	13.5	4.4	6.6#
51	7.4	22.3	33.5#
120	3.1	16.9	25.3#



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





#23

Nitrobenzene-d5

Concen: 29.593 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

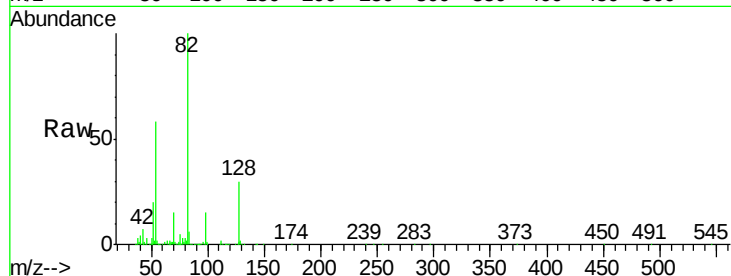
Tgt Ion: 82 Resp: 298114

Ion Ratio Lower Upper

82 100

128 30.4 36.1 54.1#

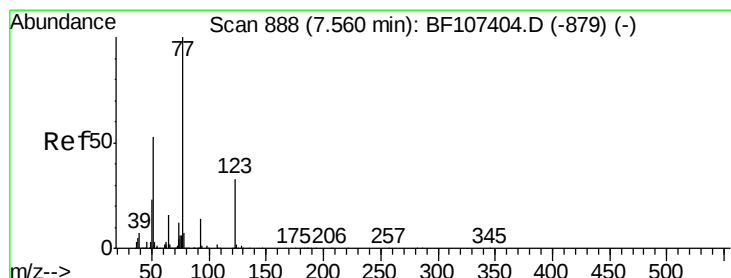
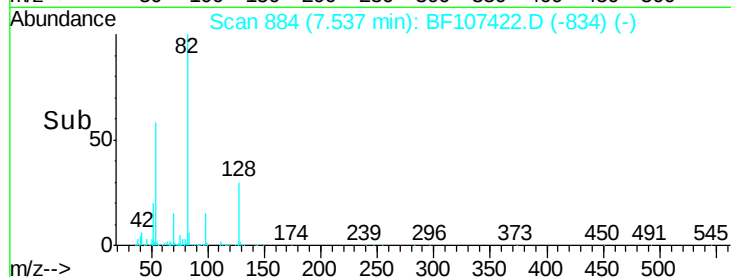
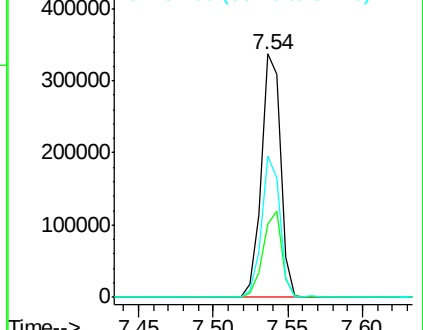
54 57.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 0.220 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

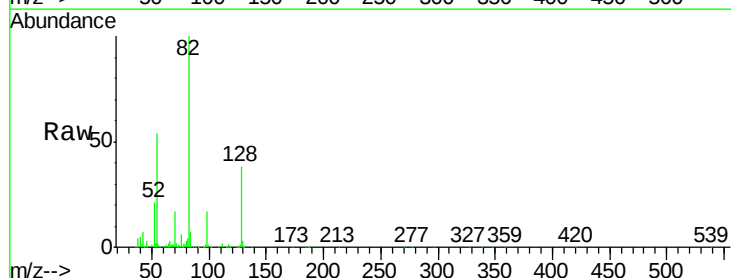
Tgt Ion: 77 Resp: 2494

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

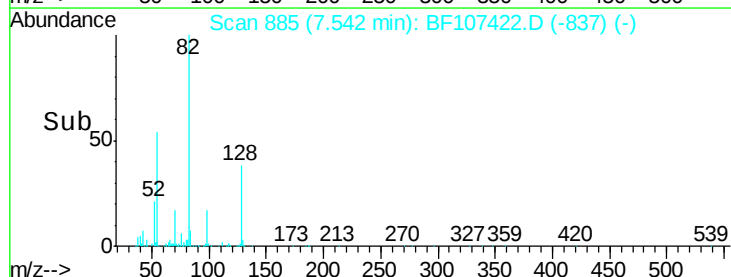
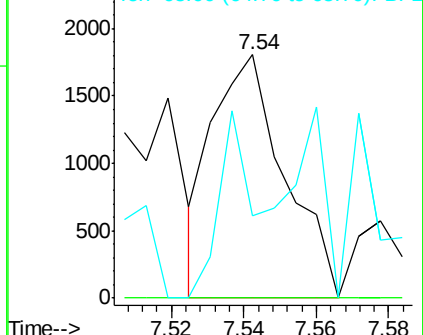
65 33.6 11.0 16.4#

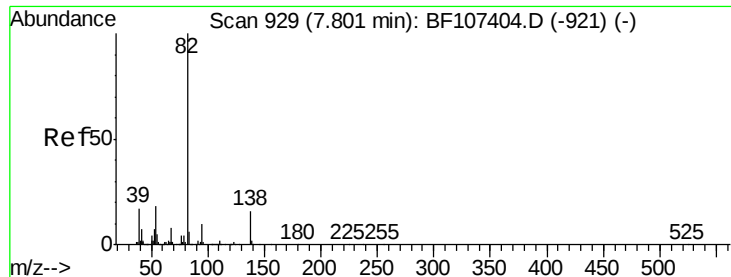


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 14.774 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

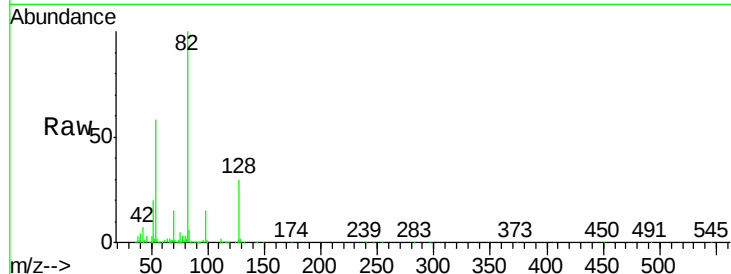
Tgt Ion: 82 Resp: 294996

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

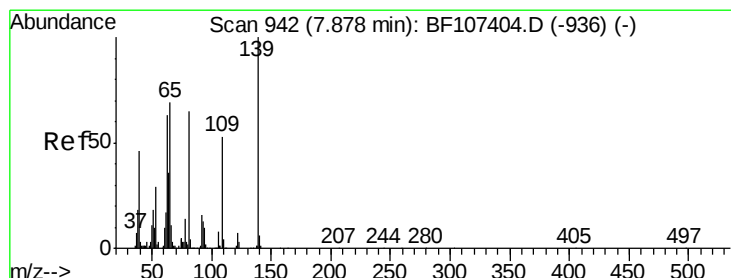
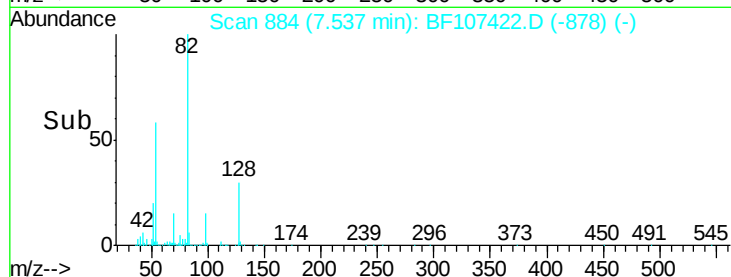
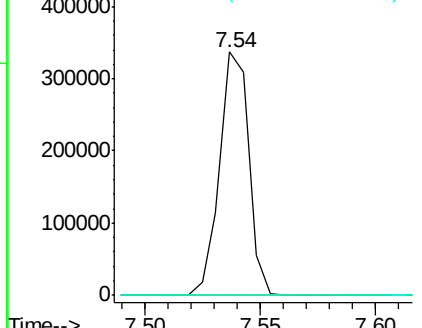
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.149 ng

RT: 7.88 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

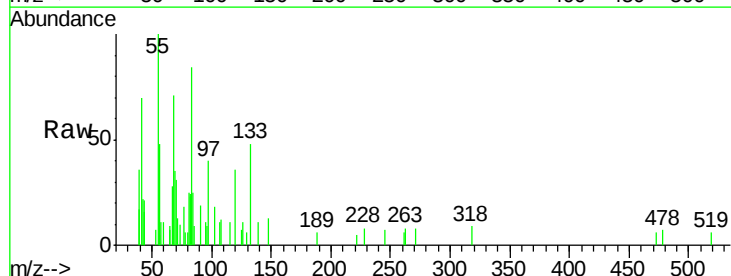
Tgt Ion: 139 Resp: 573

Ion Ratio Lower Upper

139 100

109 0.0 22.7 34.1#

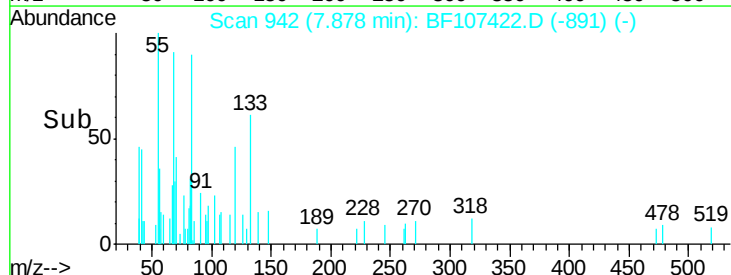
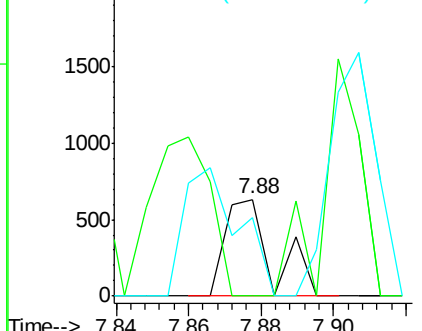
65 80.9 40.5 60.7#

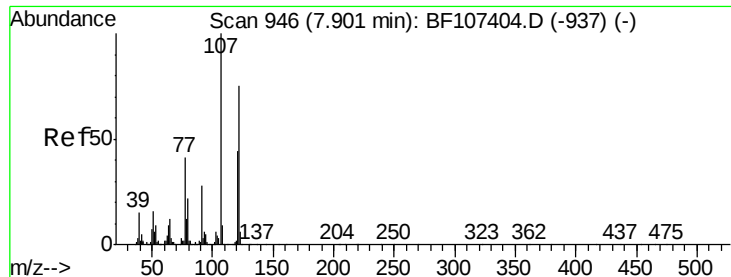


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

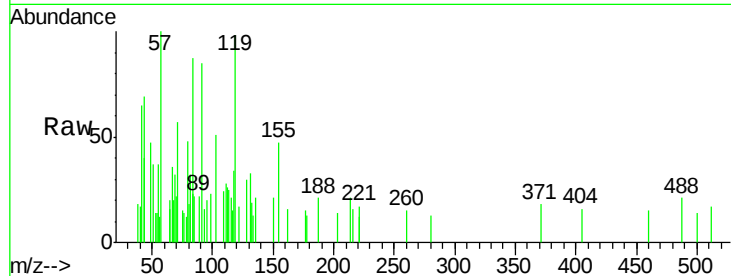




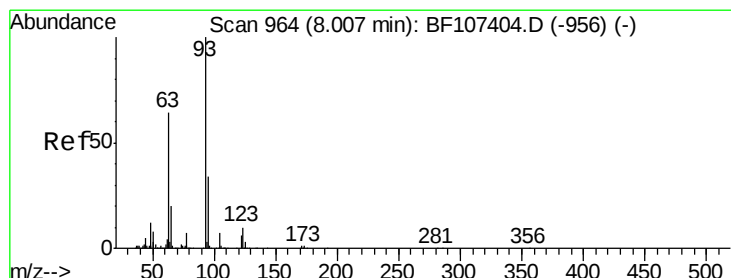
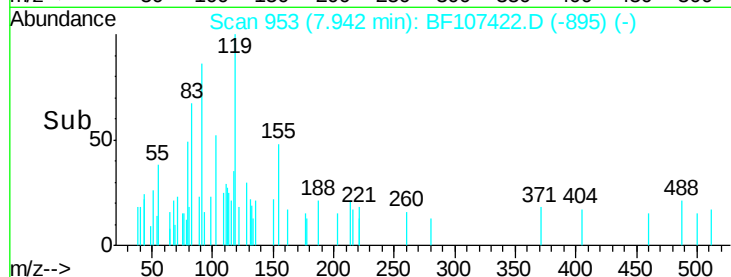
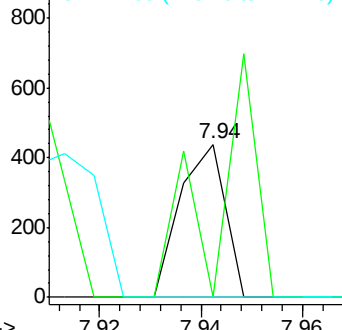
#27
2,4-Dimethylphenol
Concen: 0.034 ng
RT: 7.94 min Scan# 953
Delta R.T. 0.04 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

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

Tgt Ion:122 Resp: 270
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 0.0 47.2 70.8#

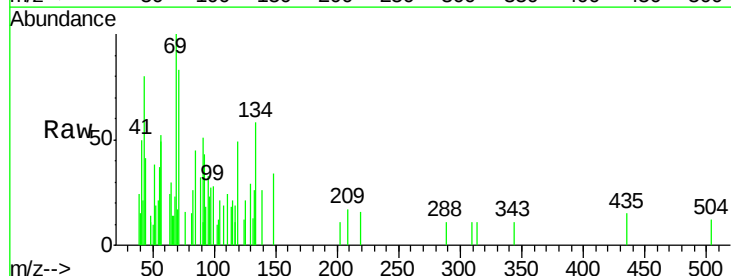


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

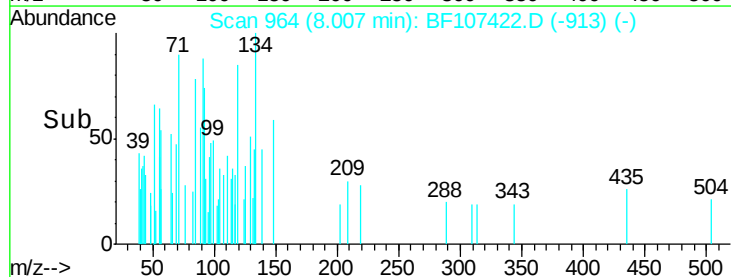
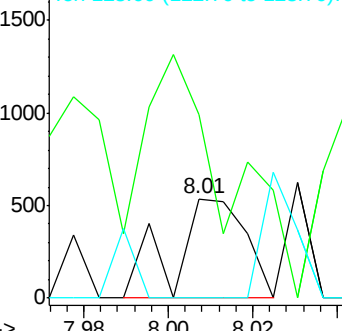


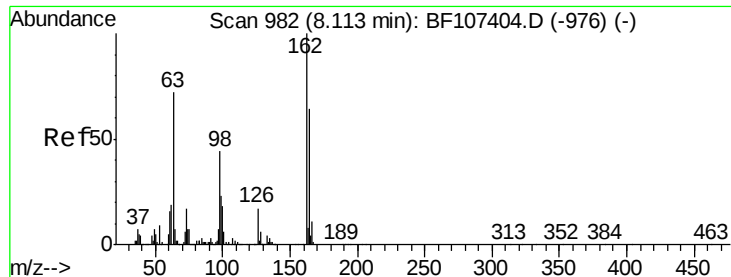
#28
bis(2-Chloroethoxy)methane
Concen: 0.051 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion: 93 Resp: 639
Ion Ratio Lower Upper
93 100
95 184.9 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

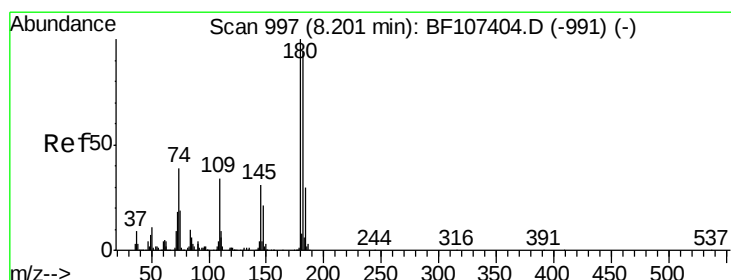
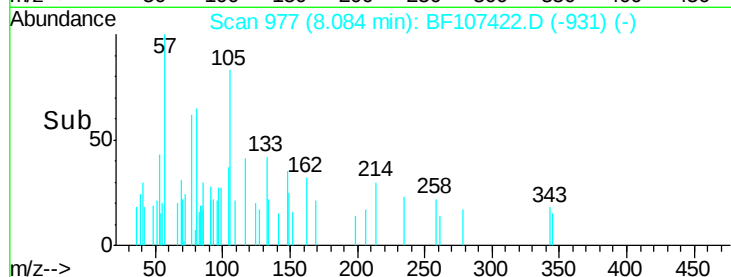
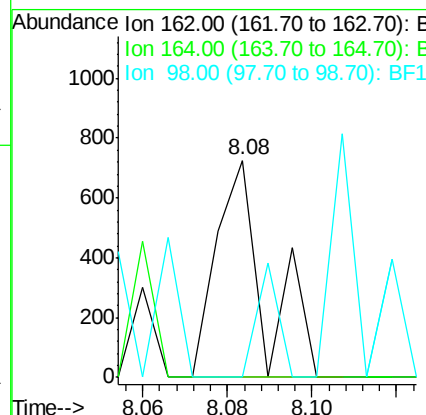
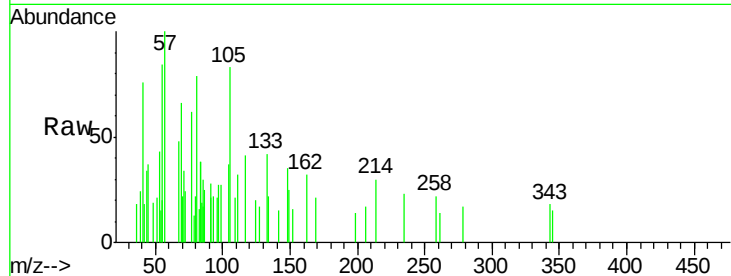




#29
 2,4-Dichlorophenol
 Concen: 0.070 ng
 RT: 8.08 min Scan# 977
 Delta R.T. -0.03 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

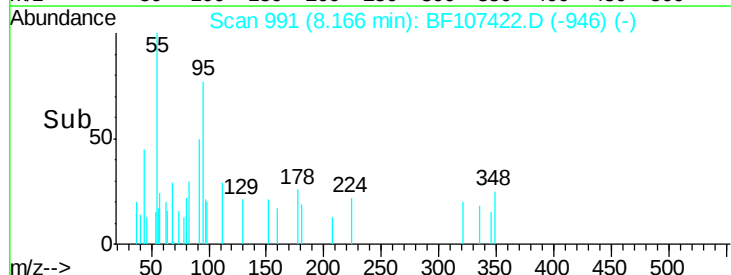
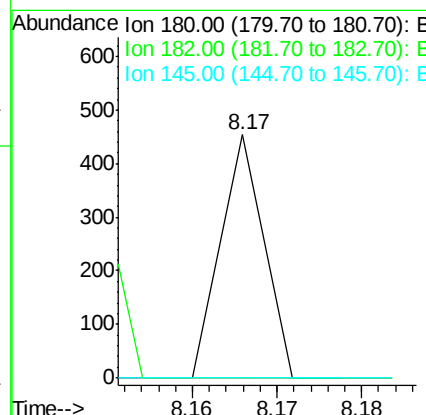
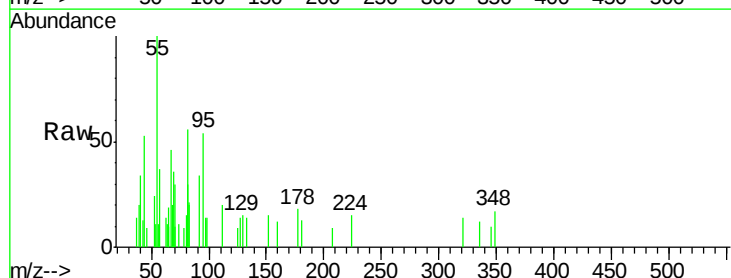
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

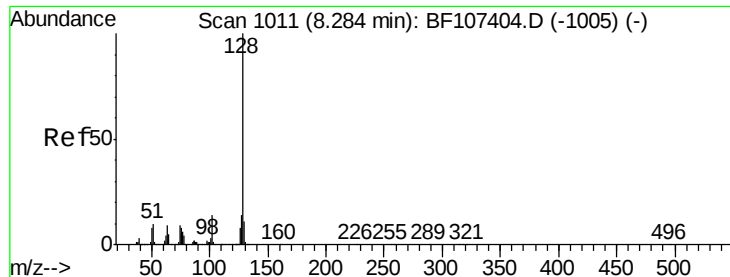
Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.7	82.7#
98	0.0	18.1	58.1#



#30
 1,2,4-Trichlorobenzene
 Concen: 0.016 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.04 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
145	0.0	26.5	39.7#

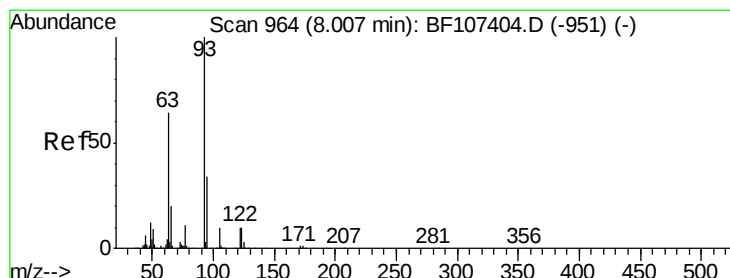
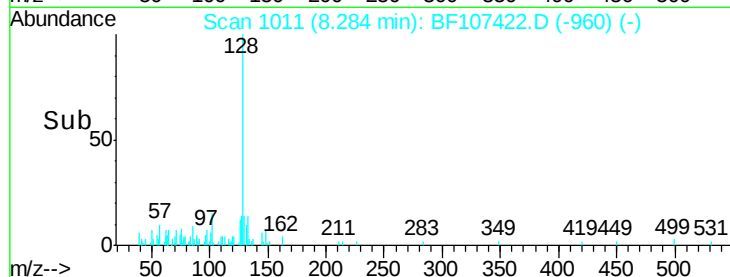
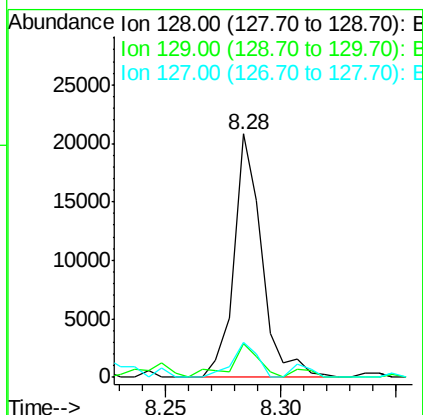
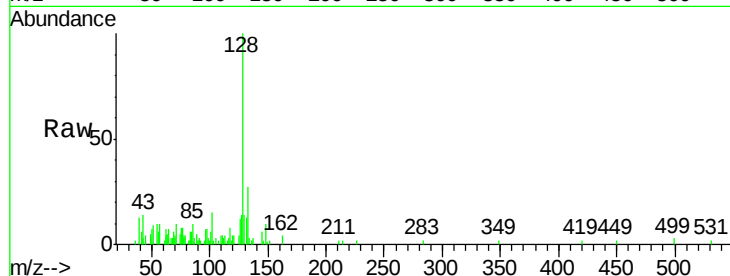




#31
Naphthalene
Concen: 0.672 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

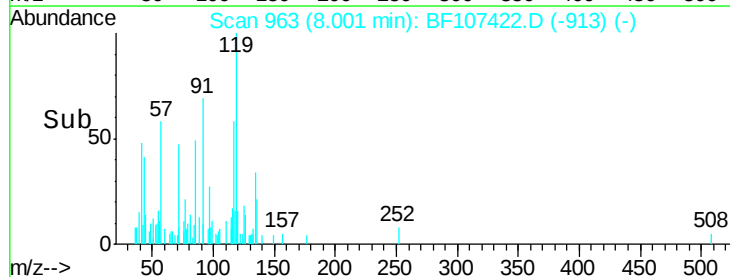
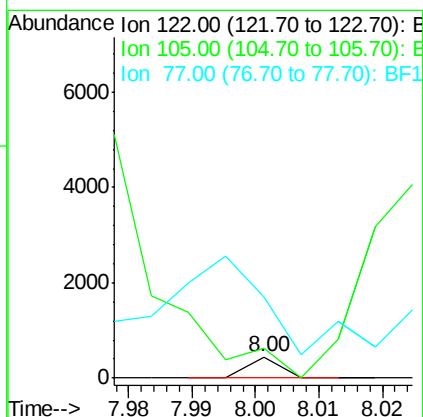
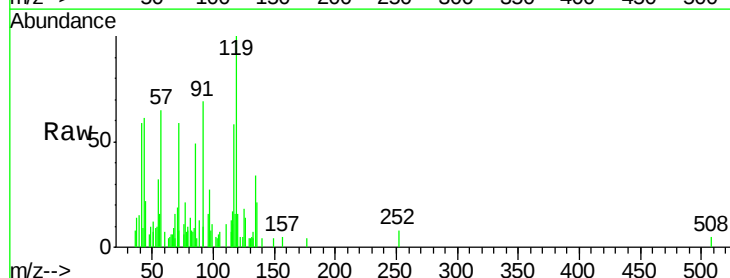
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

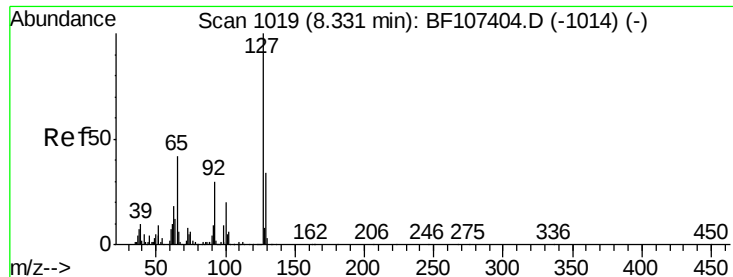
Tgt Ion:128 Resp: 17522
Ion Ratio Lower Upper
128 100
129 14.0 8.8 13.2#
127 14.3 10.9 16.3



#32
Benzoic acid
Concen: 0.032 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion:122 Resp: 156
Ion Ratio Lower Upper
122 100
105 139.9 101.1 141.1
77 385.0 70.7 110.7#

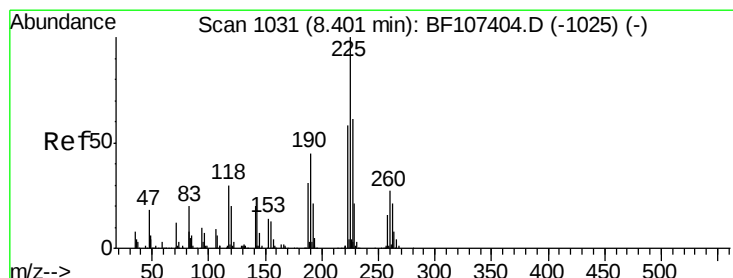
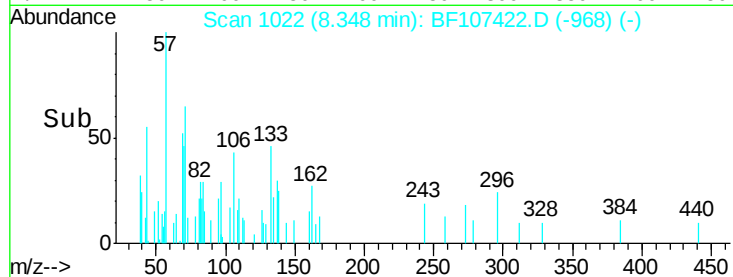
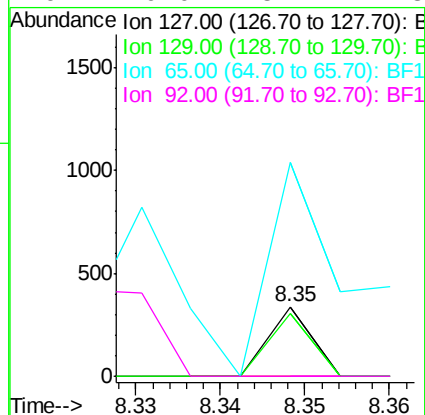
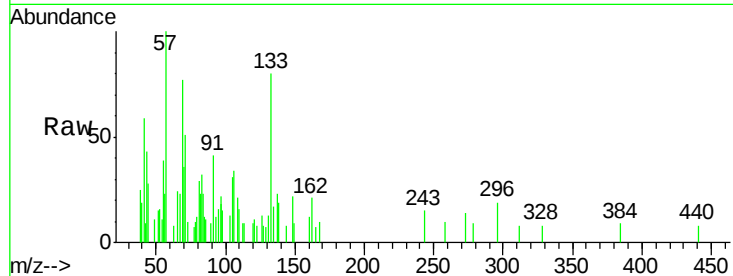




#33
4-Chloroaniline
Concen: 0.011 ng
RT: 8.35 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

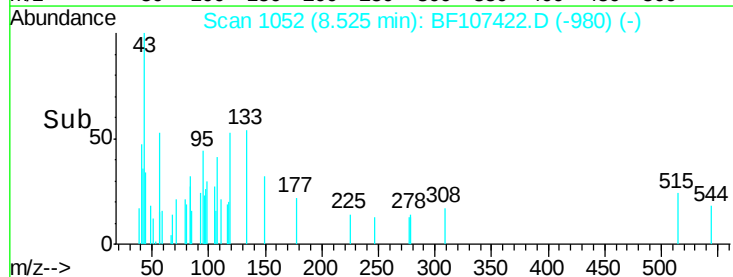
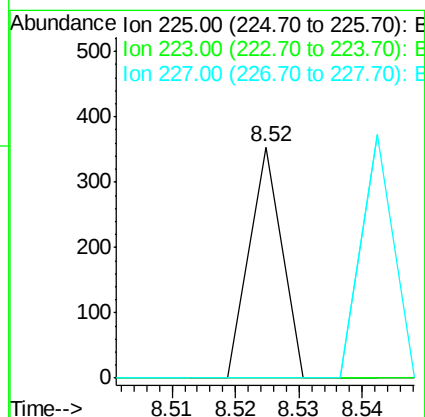
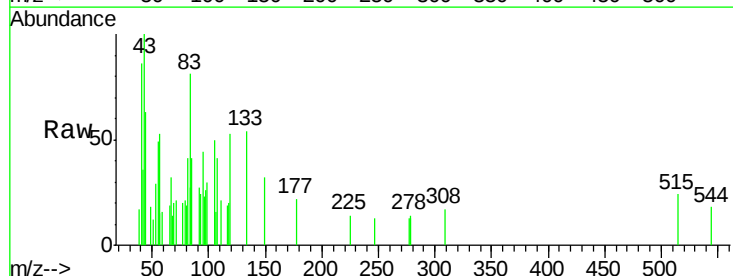
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

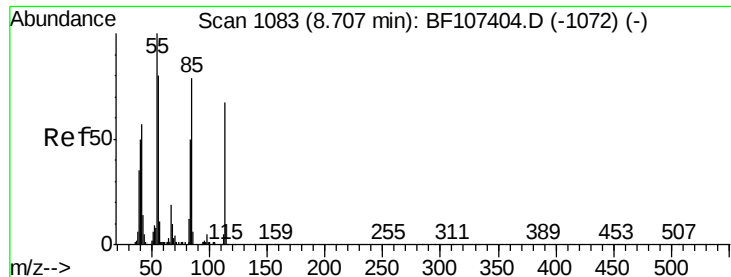
Tgt Ion:	127	Resp:	119
Ion	Ratio	Lower	Upper
127	100		
129	89.3	25.9	38.9#
65	307.1	25.0	37.4#
92	0.0	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 0.018 ng
RT: 8.52 min Scan# 1052
Delta R.T. 0.12 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion:	225	Resp:	125
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	51.9	77.9#





#35

Caprolactam

Concen: 0.164 ng

RT: 8.71 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

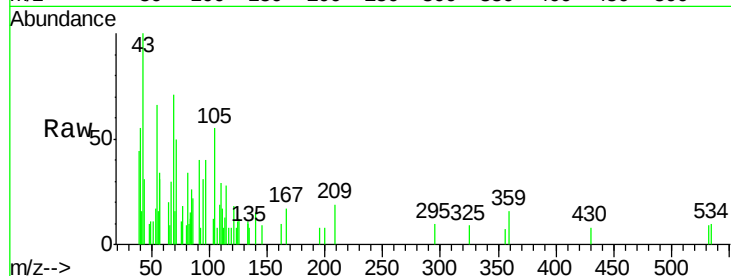
Tgt Ion:113 Resp: 445

Ion Ratio Lower Upper

113 100

55 512.3 163.3 203.3#

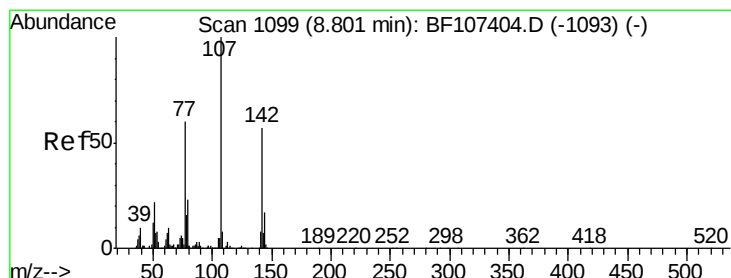
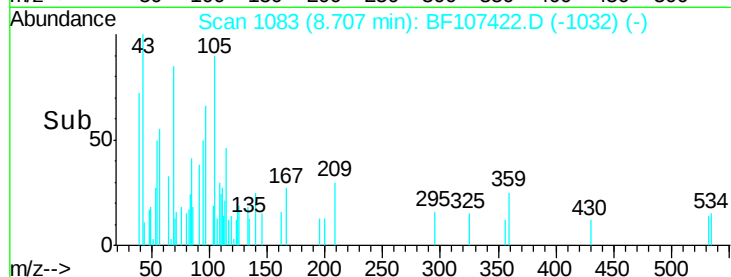
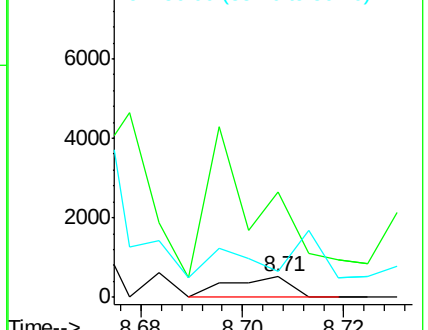
56 122.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.024 ng

RT: 8.79 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

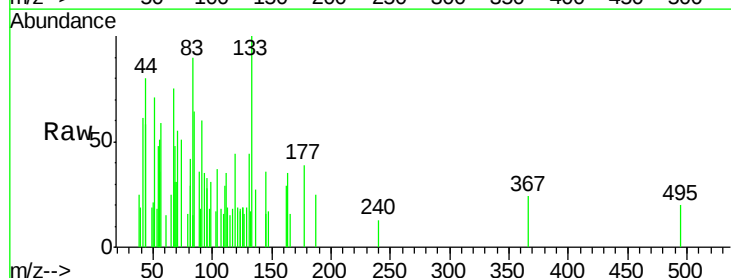
Tgt Ion:107 Resp: 258

Ion Ratio Lower Upper

107 100

144 205.0 20.5 30.7#

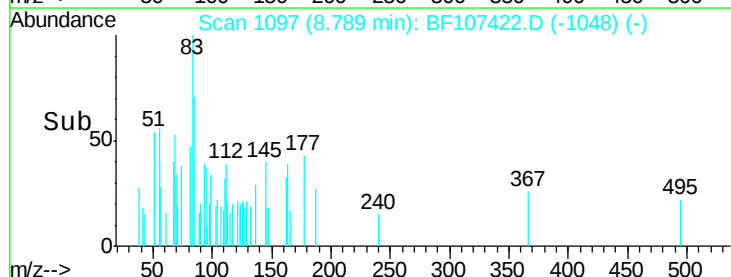
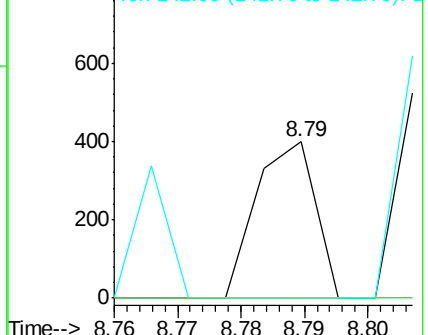
142 0.0 62.0 93.0#

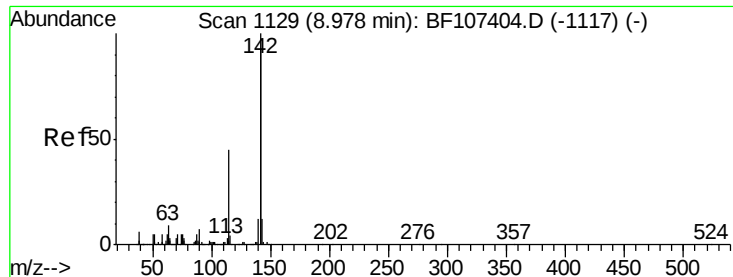


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.520 ng

RT: 8.98 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

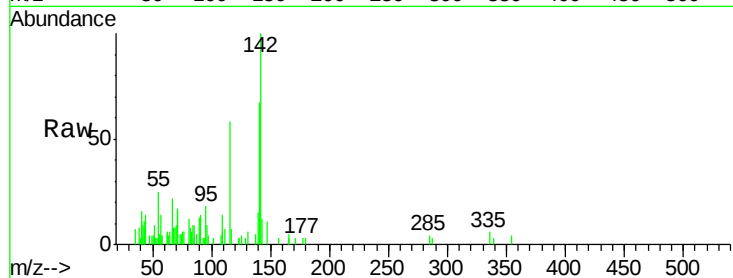
Tgt Ion:142 Resp: 8936

Ion Ratio Lower Upper

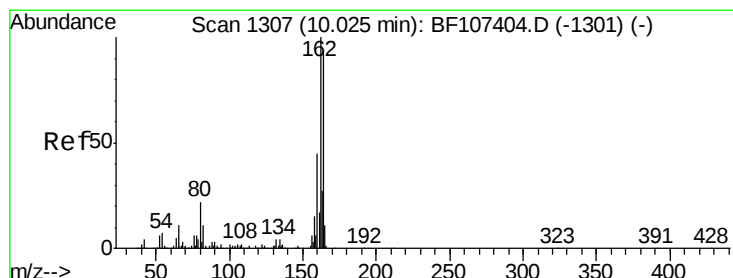
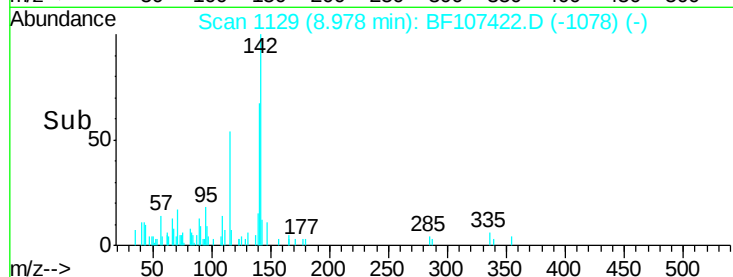
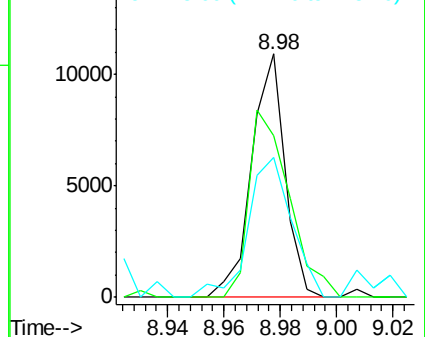
142 100

141 66.6 70.8 106.2#

115 57.6 26.1 39.1#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

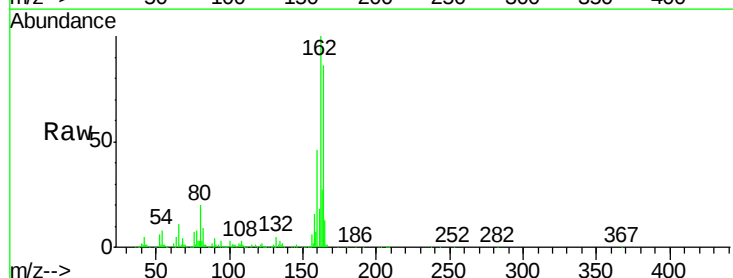
Tgt Ion:164 Resp: 243731

Ion Ratio Lower Upper

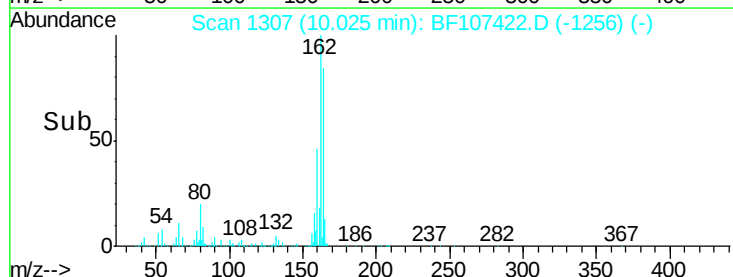
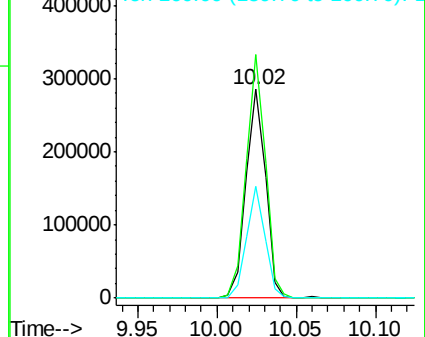
164 100

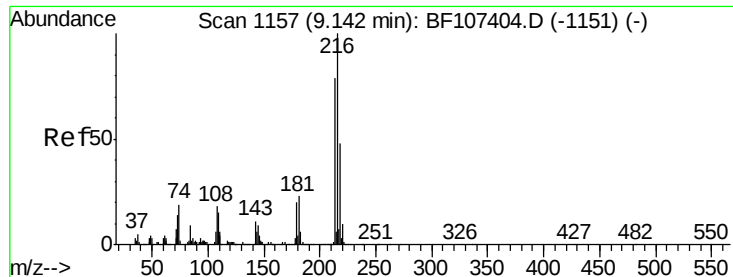
162 116.8 86.1 129.1

160 53.7 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.011 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.04 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

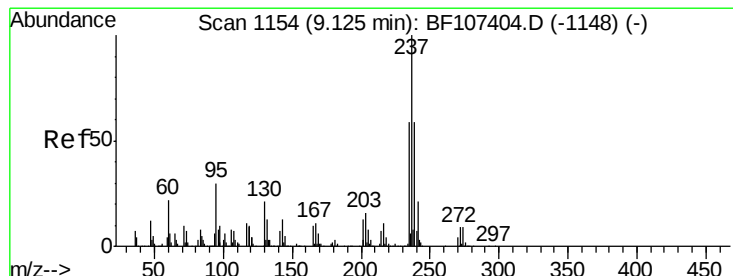
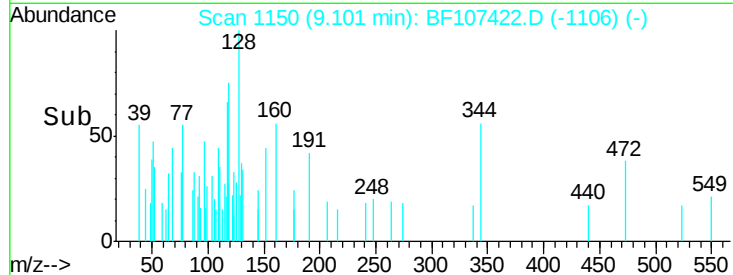
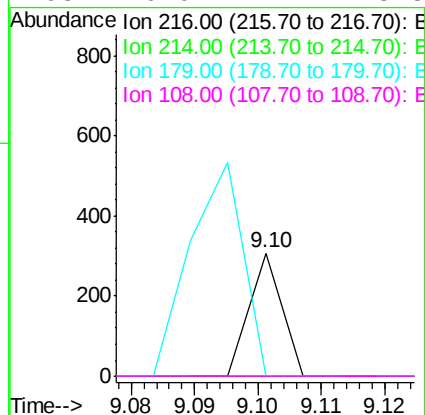
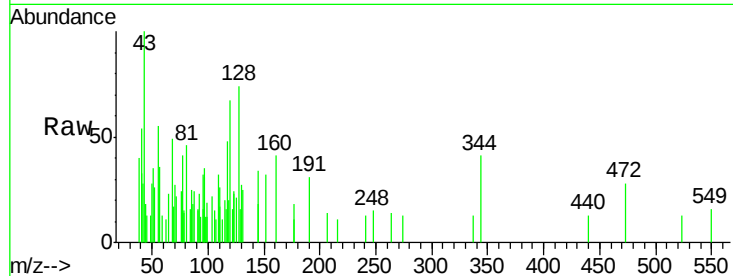
Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

Tgt Ion:	216	Resp:	108
Ion Ratio	Lower	Upper	
216	100		
214	0.0	63.0	94.4#
179	285.2	18.1	27.1#
108	0.0	17.2	25.8#



#40

Hexachlorocyclopentadiene

Concen: 0.023 ng

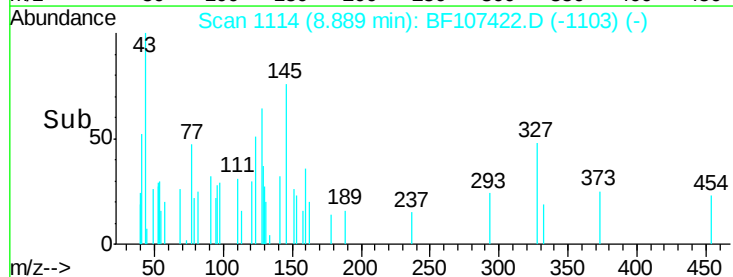
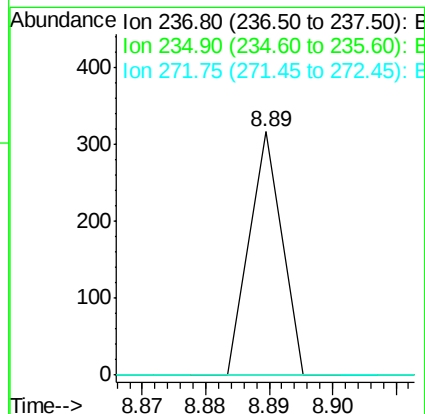
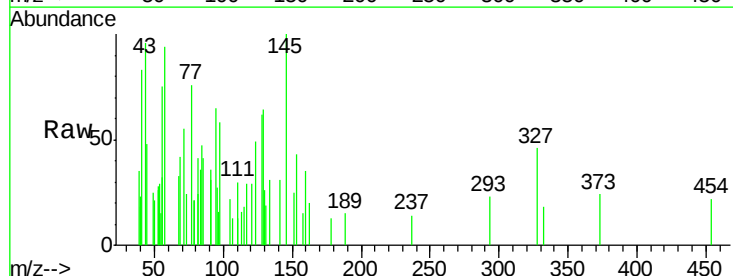
RT: 8.89 min Scan# 1114

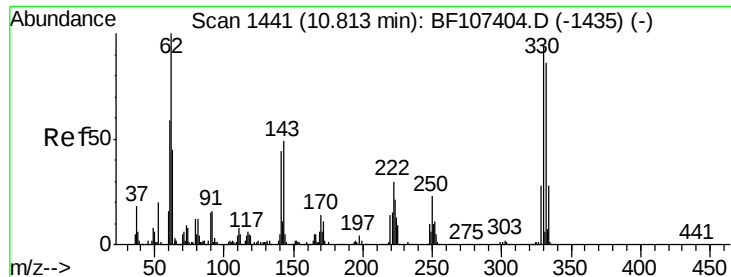
Delta R.T. -0.24 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion:	237	Resp:	112
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: 30.190 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

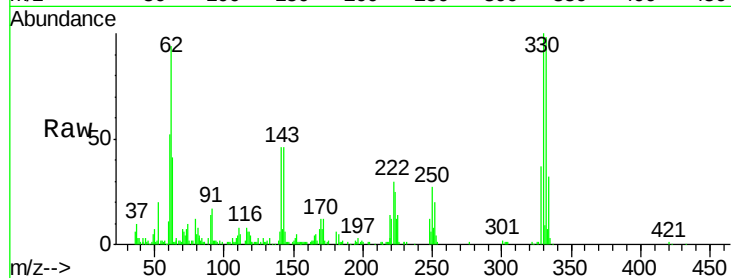
Tgt Ion:330 Resp: 64651

Ion Ratio Lower Upper

330 100

332 94.3 77.0 115.6

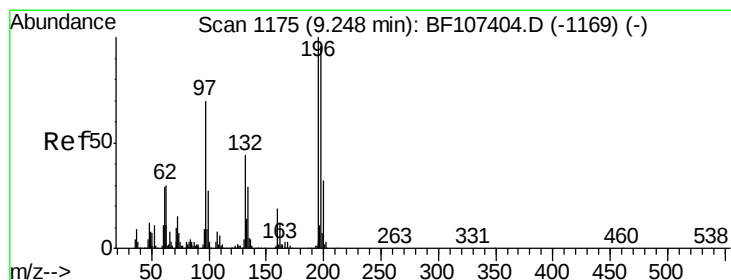
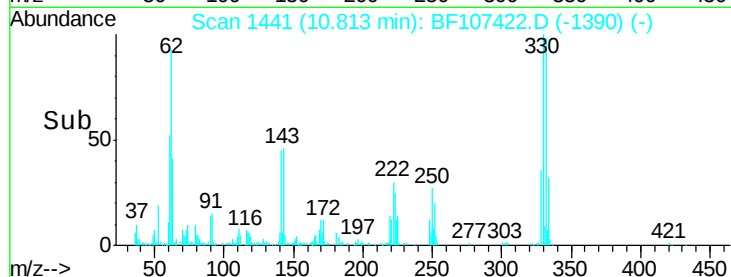
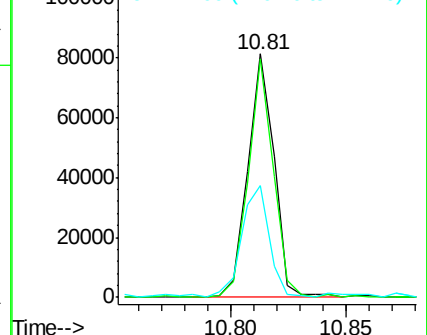
141 48.2 29.9 44.9#



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: 0.065 ng

RT: 9.40 min Scan# 1201

Delta R.T. 0.15 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

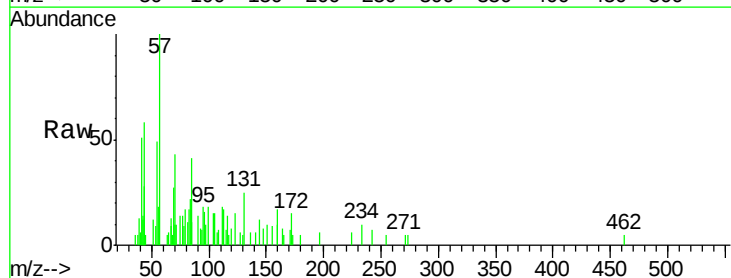
Tgt Ion:196 Resp: 382

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

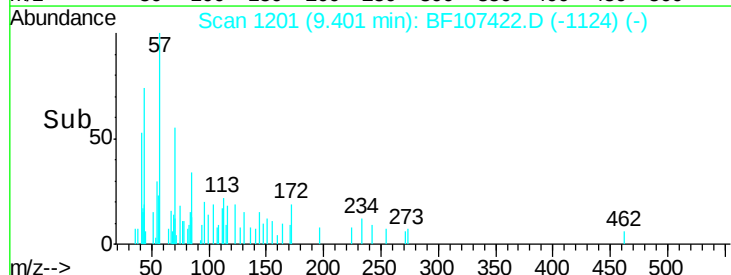
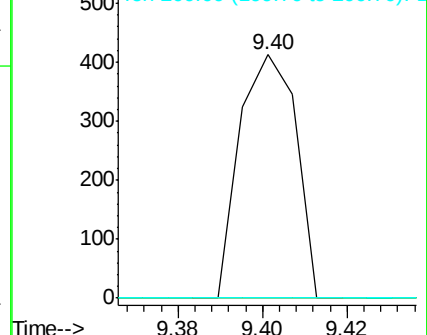
200 0.0 24.5 36.7#

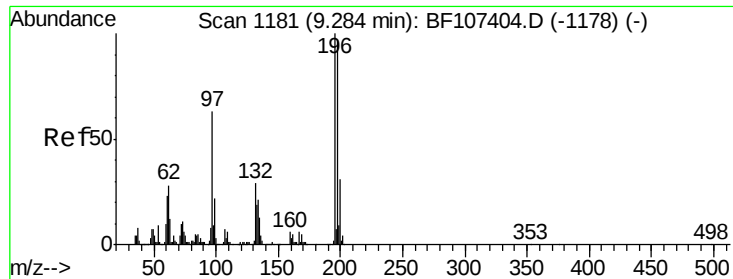


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

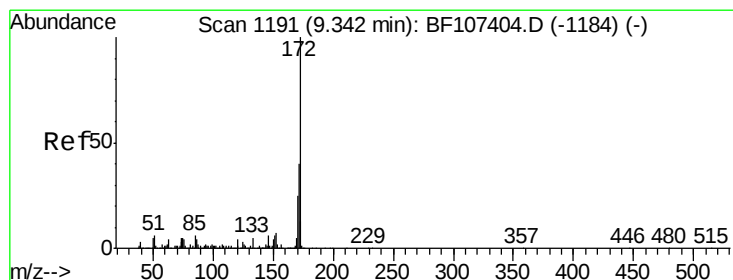
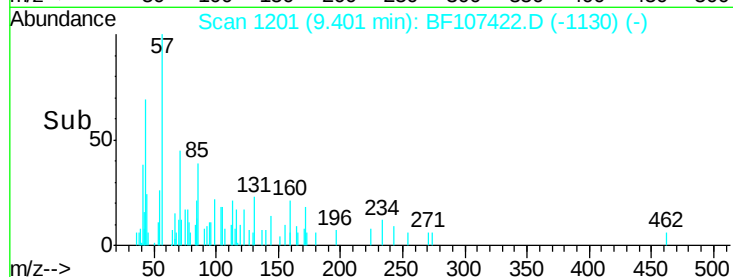
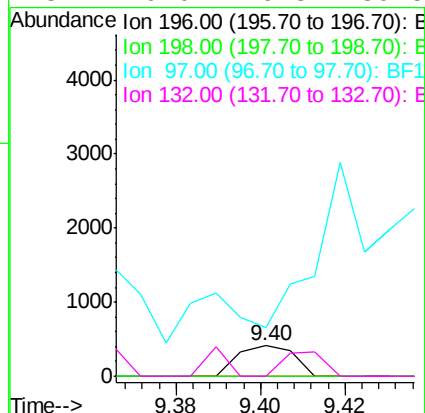
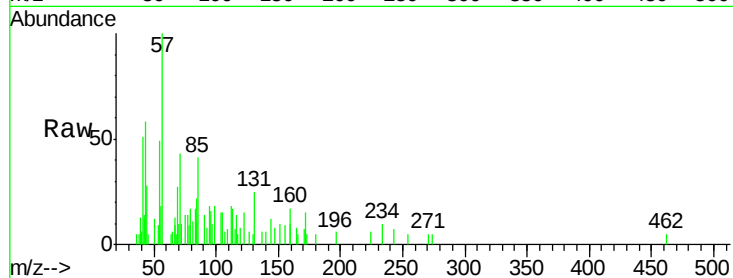




#43
 2,4,5-Trichlorophenol
 Concen: 0.067 ng
 RT: 9.40 min Scan# 1201
 Delta R.T. 0.12 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

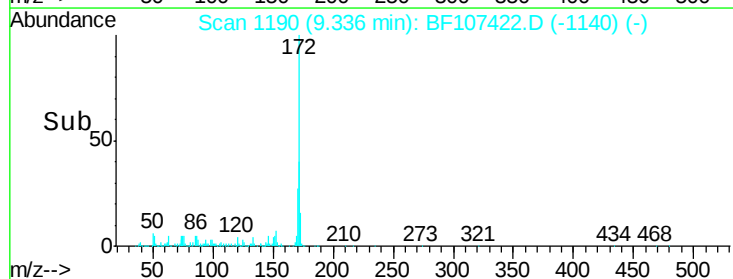
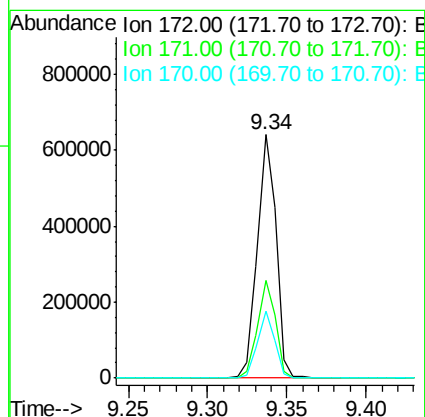
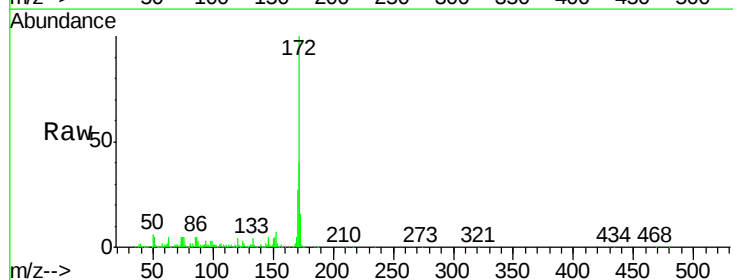
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

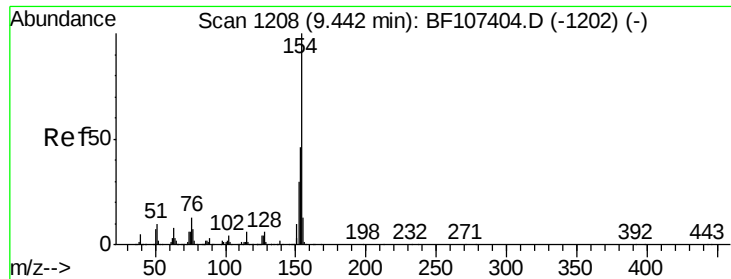
Tgt Ion:196 Resp: 382
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.6 112.0#
 97 159.1 42.9 64.3#
 132 0.0 26.3 39.5#



#44
 2-Fluorobiphenyl
 Concen: 28.967 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

Tgt Ion:172 Resp: 527897
 Ion Ratio Lower Upper
 172 100
 171 40.1 29.7 44.5
 170 27.3 19.6 29.4

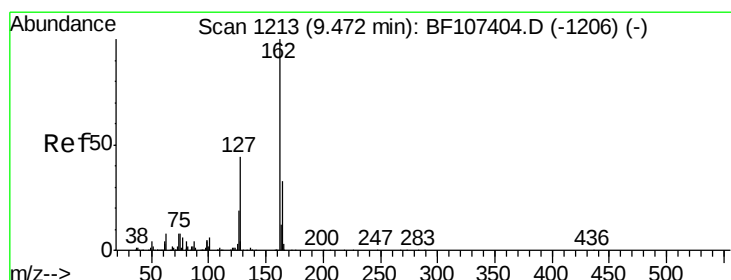
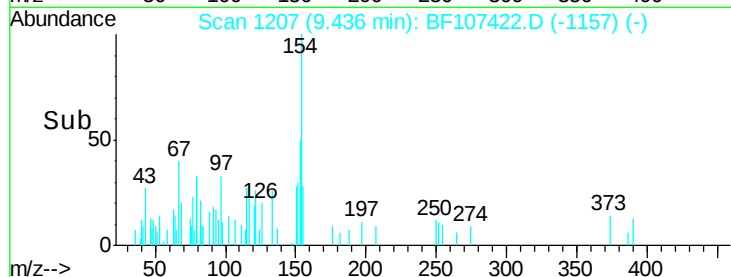
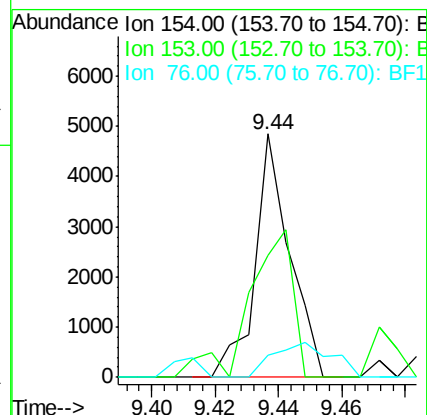
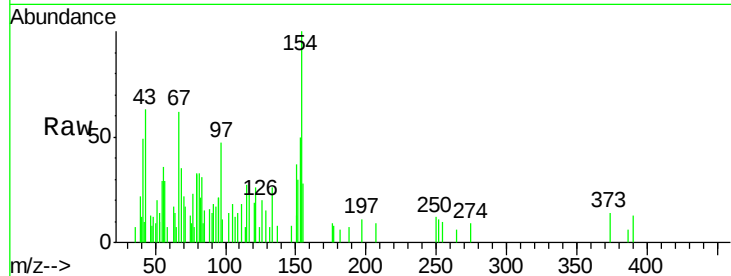




#45
 1,1'-Biphenyl
 Concen: 0.176 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

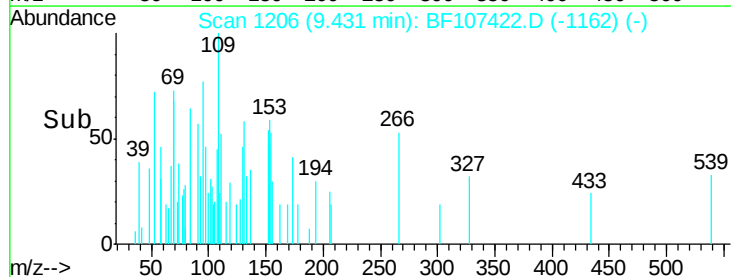
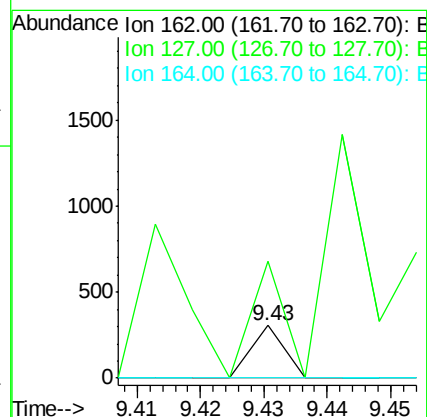
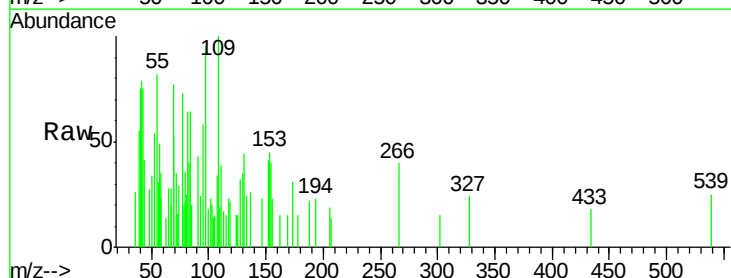
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

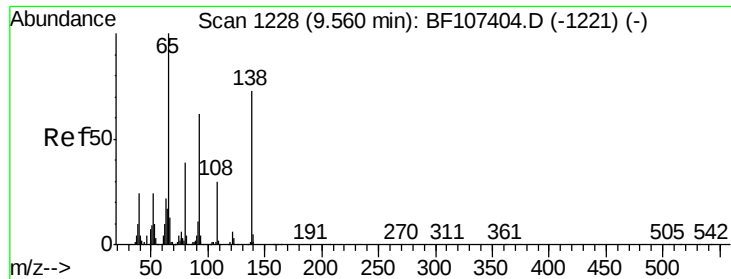
Tgt Ion:154 Resp: 3700
 Ion Ratio Lower Upper
 154 100
 153 49.9 21.3 61.3
 76 9.0 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 0.006 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.04 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

Tgt Ion:162 Resp: 108
 Ion Ratio Lower Upper
 162 100
 127 221.8 33.9 50.9#
 164 0.0 26.5 39.7#

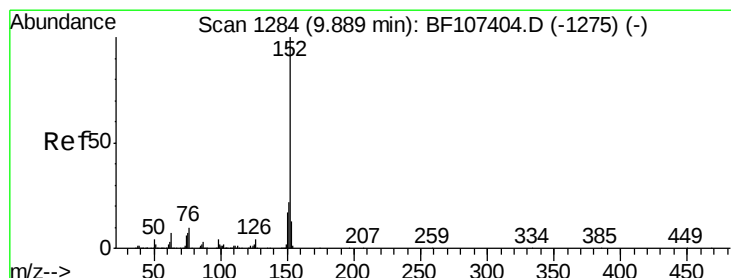
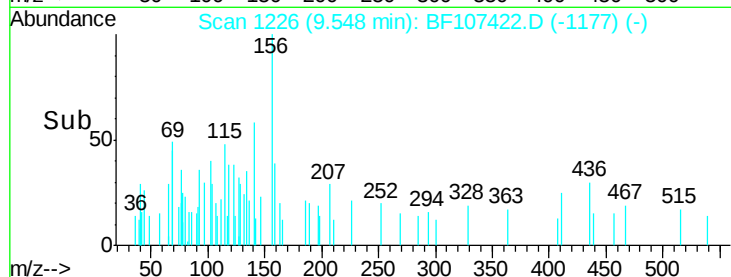
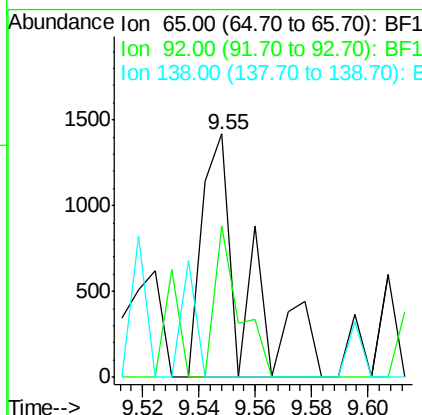
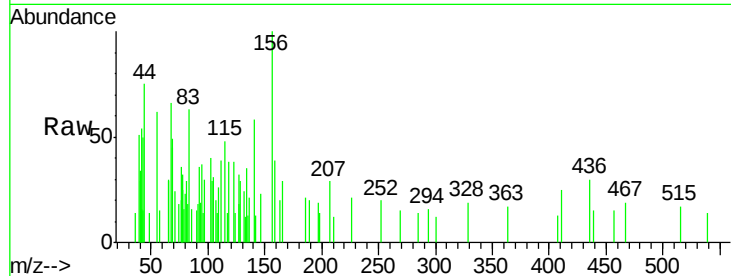




#47
2-Nitroaniline
Concen: 0.296 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

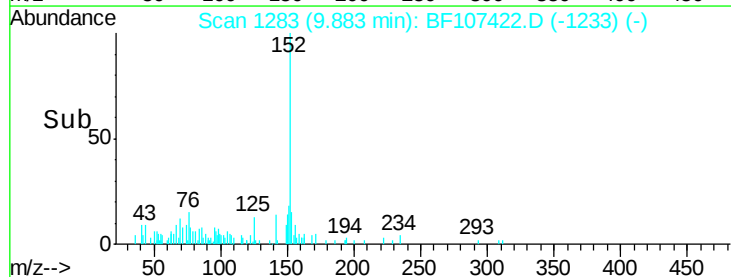
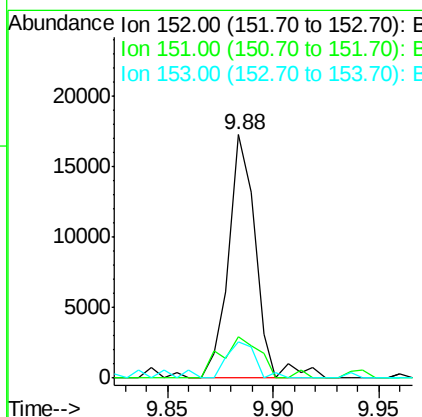
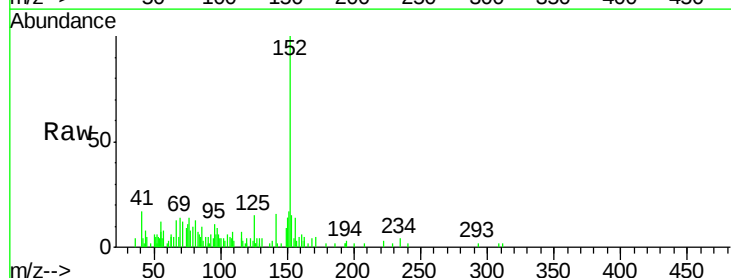
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

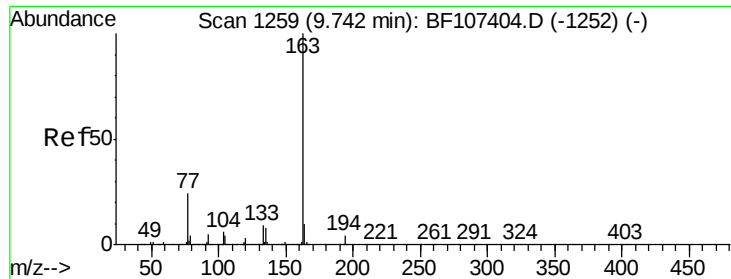
Tgt Ion: 65 Resp: 1506
Ion Ratio Lower Upper
65 100
92 62.4 55.8 83.6
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 0.664 ng
RT: 9.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion: 152 Resp: 15424
Ion Ratio Lower Upper
152 100
151 17.3 16.3 24.5
153 15.0 10.7 16.1

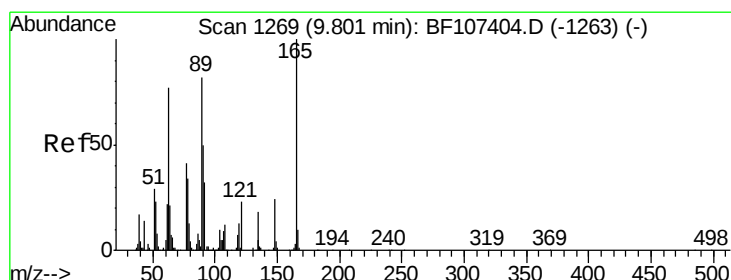
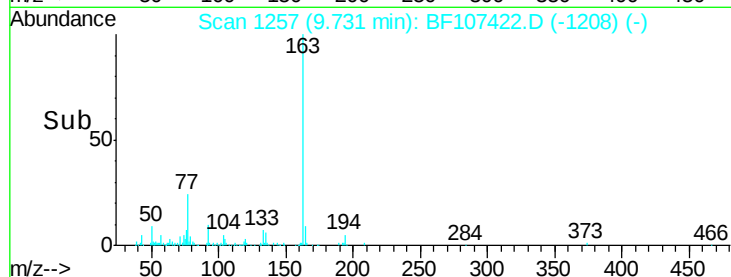
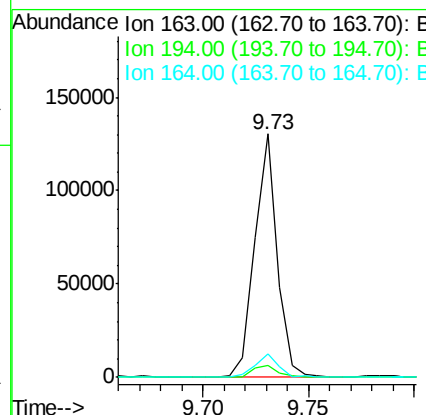
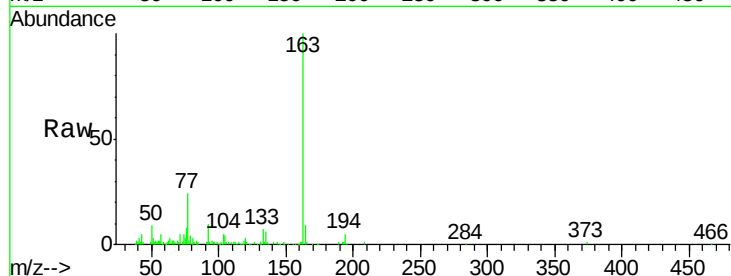




#49
 Dimethylphthalate
 Concen: 5.042 ng
 RT: 9.73 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

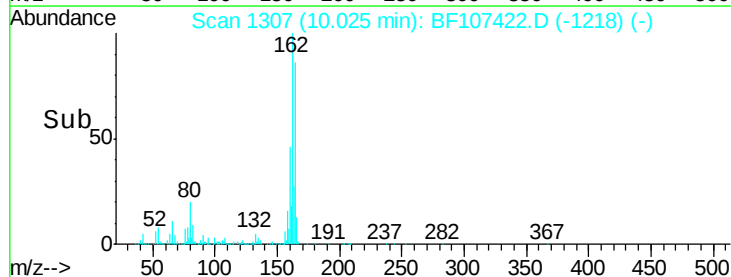
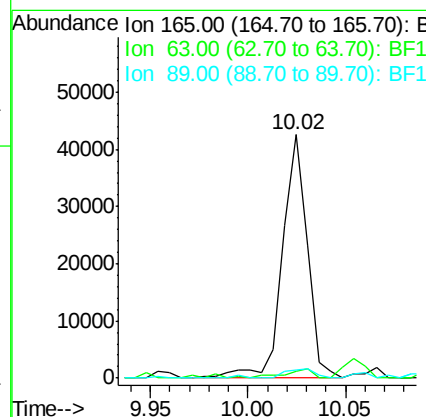
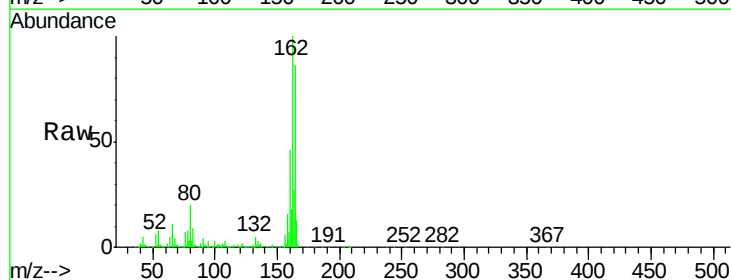
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

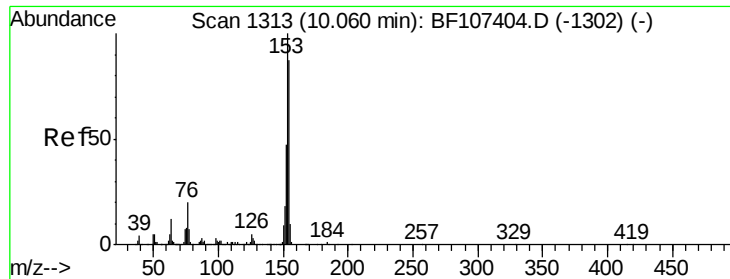
Tgt Ion:163 Resp: 97637
 Ion Ratio Lower Upper
 163 100
 194 4.8 2.7 4.1#
 164 9.4 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 10.200 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. 0.22 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

Tgt Ion:165 Resp: 37693
 Ion Ratio Lower Upper
 165 100
 63 2.9 44.7 67.1#
 89 3.4 44.0 66.0#





#51

Acenaphthene

Concen: 1.564 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

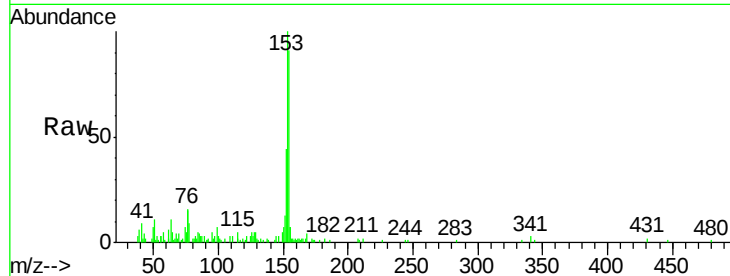
Tgt Ion:154 Resp: 24075

Ion Ratio Lower Upper

154 100

153 109.7 91.2 136.8

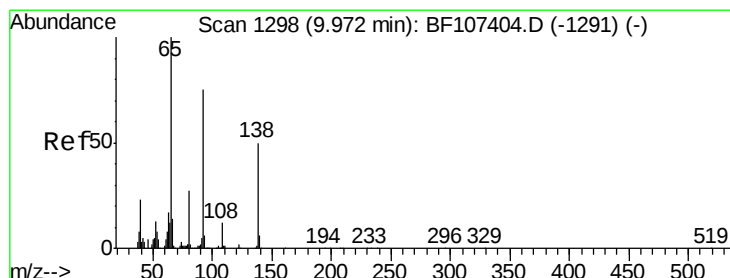
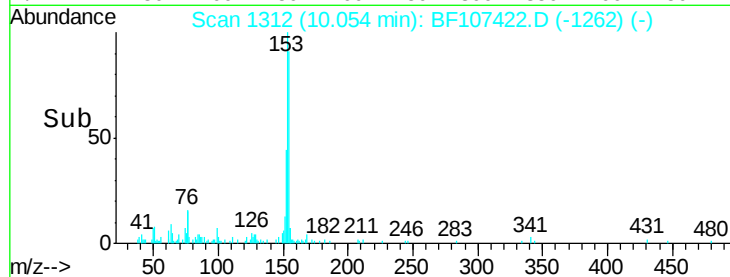
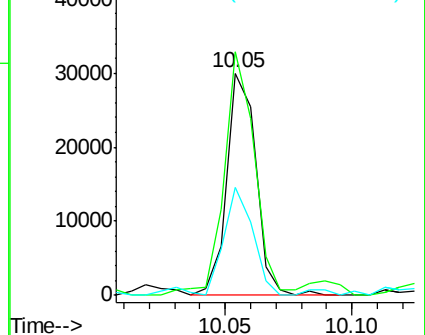
152 48.6 43.8 65.8



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: 0.031 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

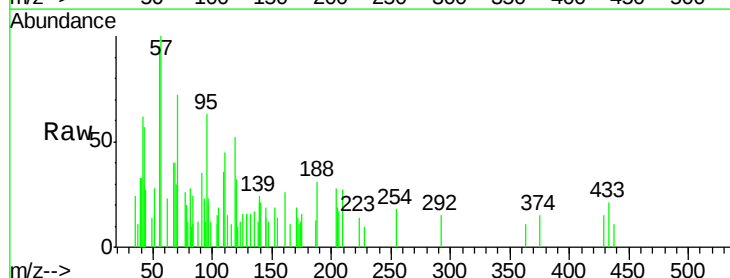
Tgt Ion:138 Resp: 119

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

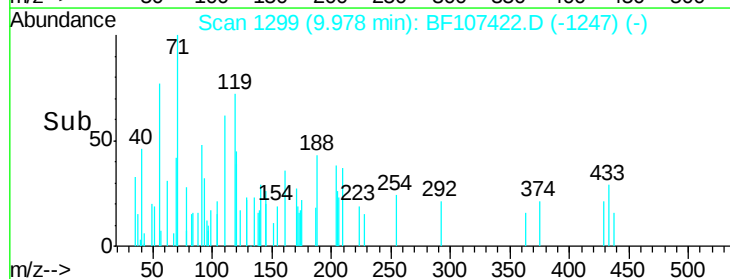
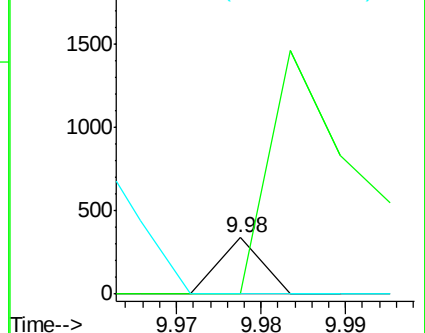
92 196.7 89.4 134.2#

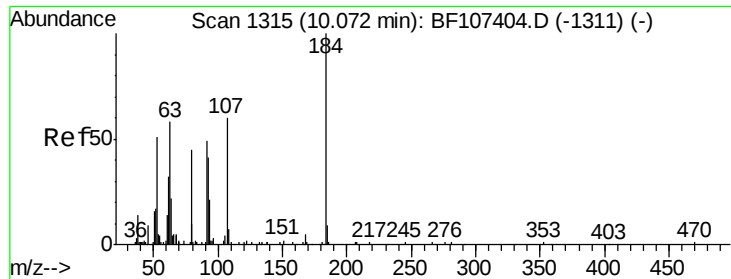


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

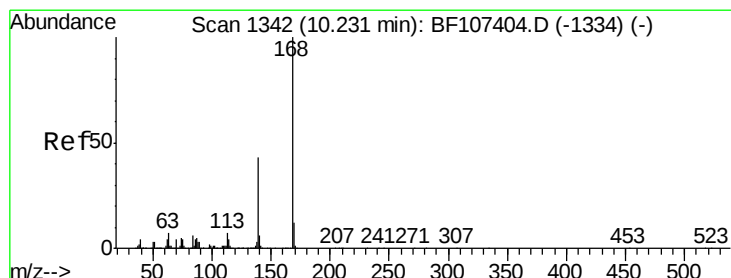
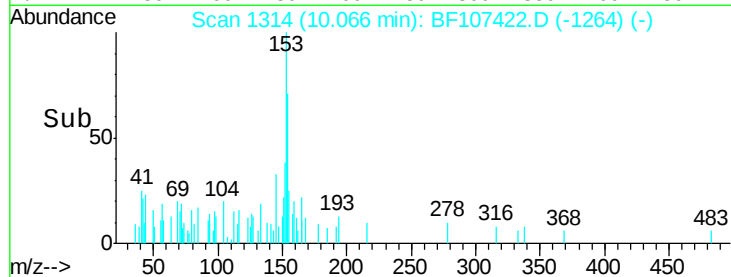
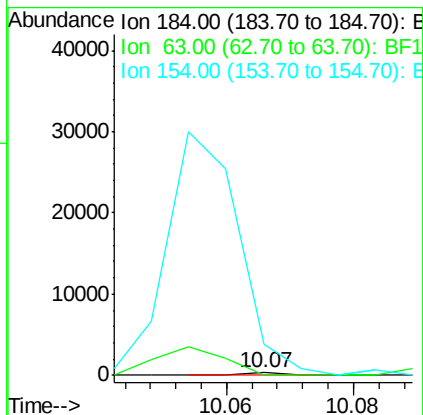
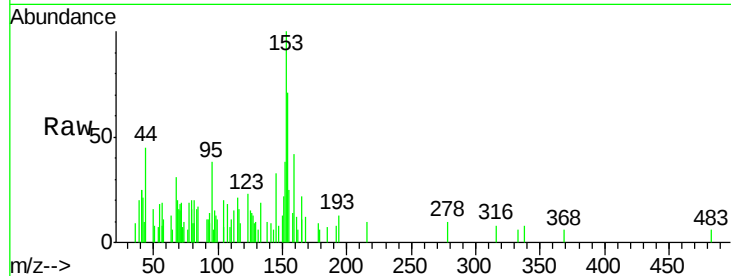




#53
2,4-Dinitrophenol
Concen: 2.384 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

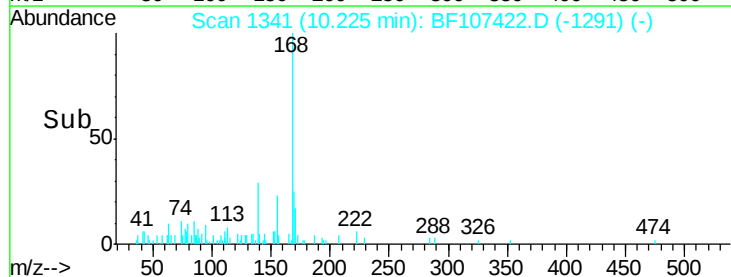
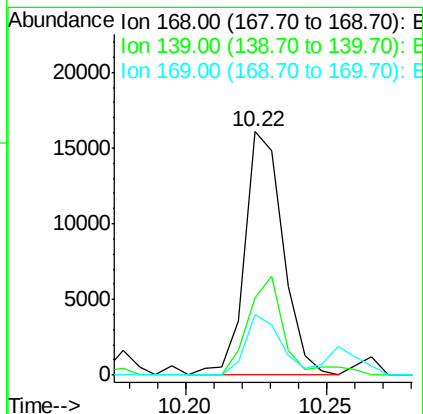
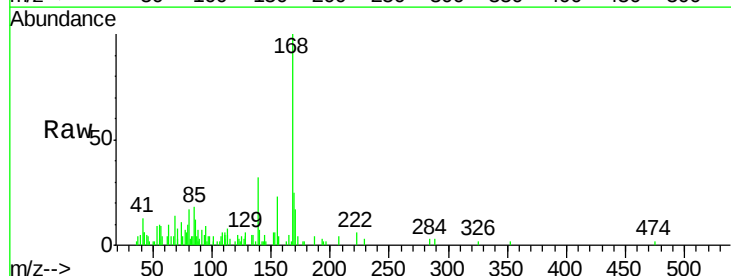
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

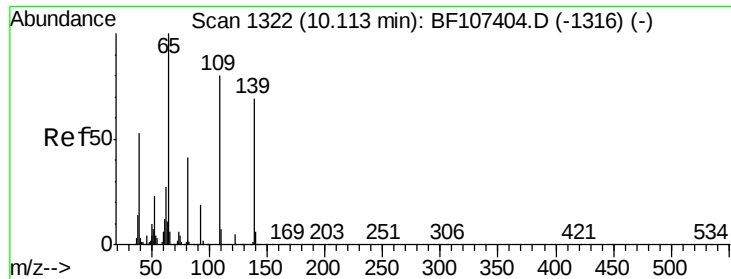
Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 1090.2 184.0 276.0#



#54
Dibenzofuran
Concen: 0.637 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion:168 Resp: 15167
Ion Ratio Lower Upper
168 100
139 31.7 30.1 45.1
169 24.7 10.9 16.3#

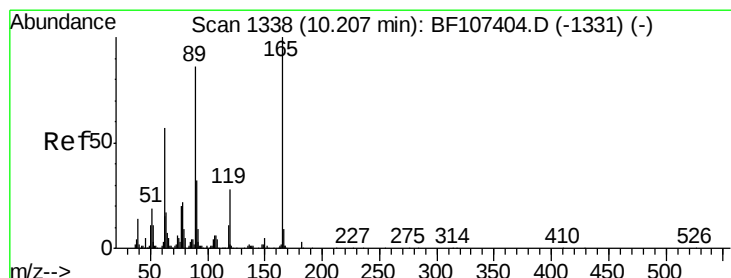
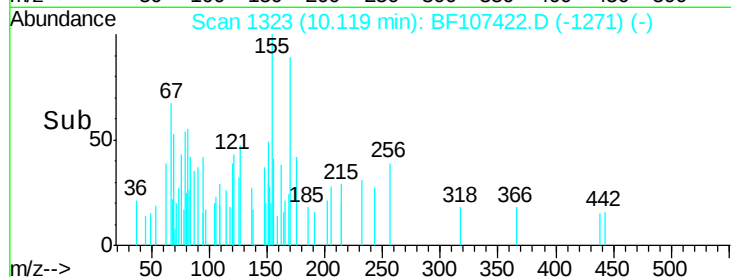
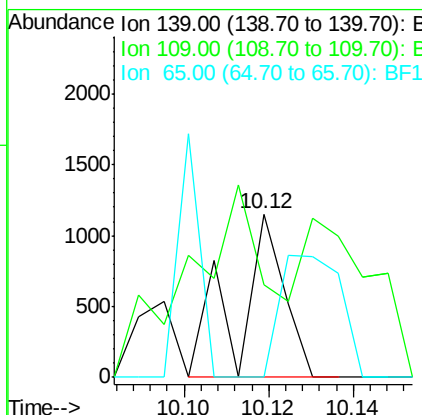
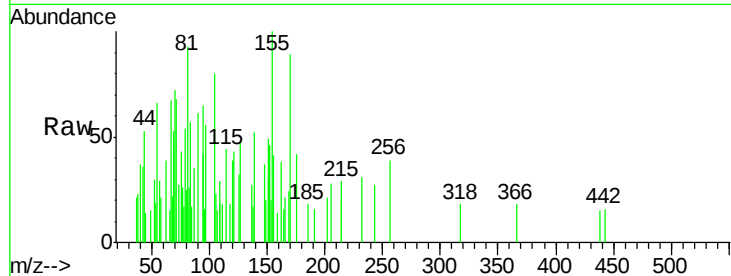




#55
4-Nitrophenol
Concen: 0.280 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

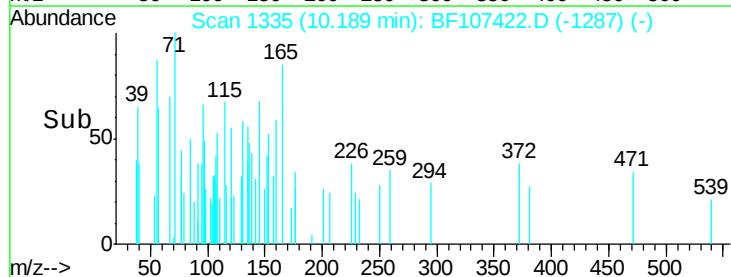
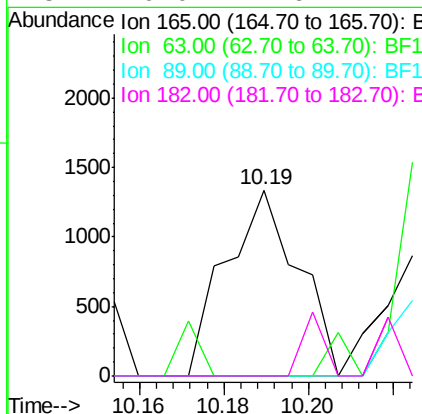
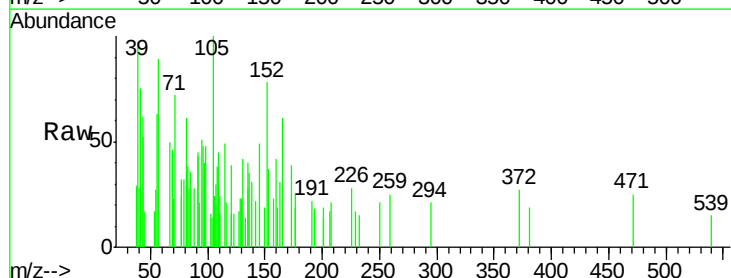
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

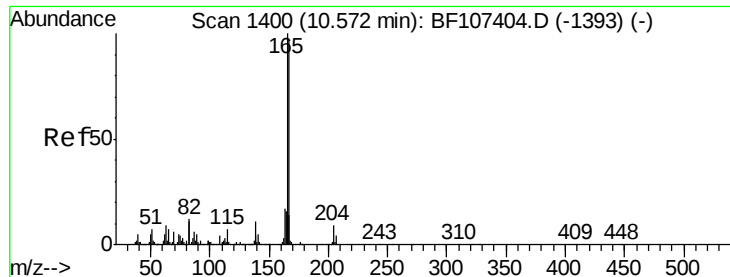
Tgt Ion:139 Resp: 879
Ion Ratio Lower Upper
139 100
109 93.8 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 0.331 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion:165 Resp: 1592
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#





#57

Fluorene

Concen: 1.471 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

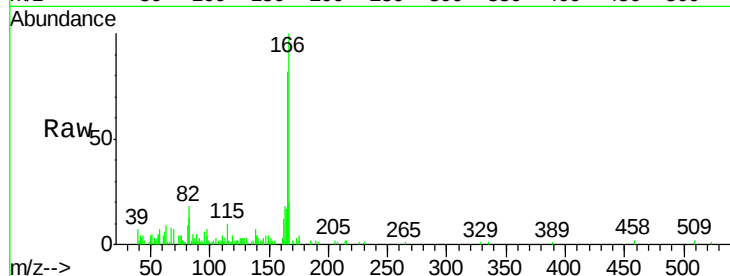
Tgt Ion:166 Resp: 23181

Ion Ratio Lower Upper

166 100

165 81.9 79.8 119.8

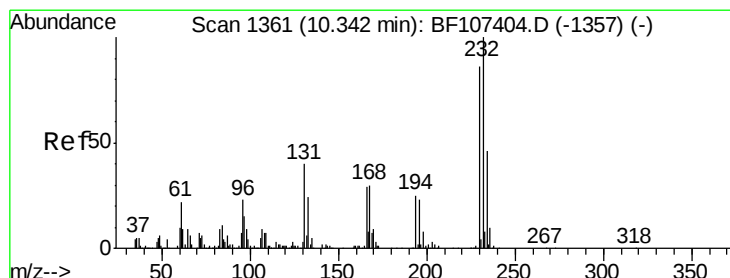
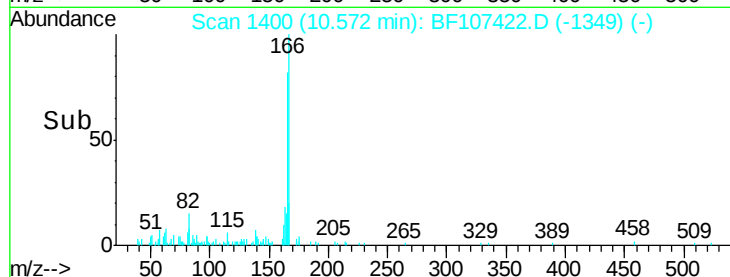
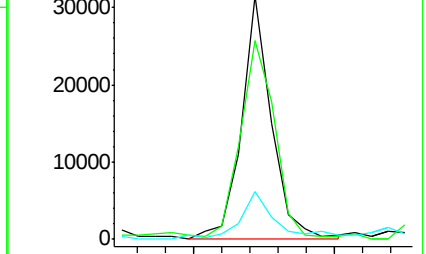
167 19.8 10.6 16.0#



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: 0.025 ng

RT: 10.35 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion:232 Resp: 136

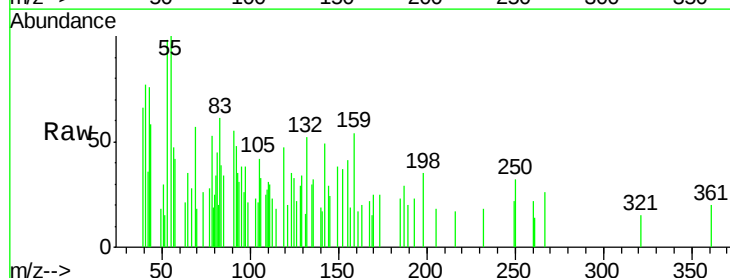
Ion Ratio Lower Upper

232 100

131 1200.7 43.8 65.8#

130 0.0 2.1 3.1#

166 0.0 27.8 41.6#

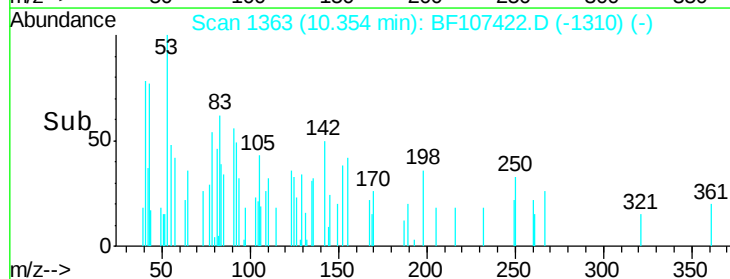
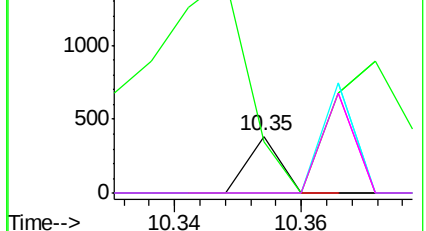


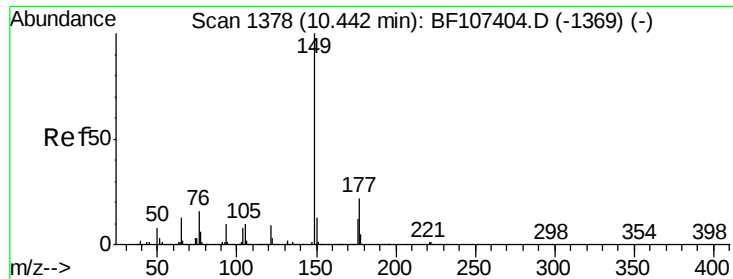
Abundance Ion 232.00 (231.70 to 232.70): E

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: 0.078 ng

RT: 10.45 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

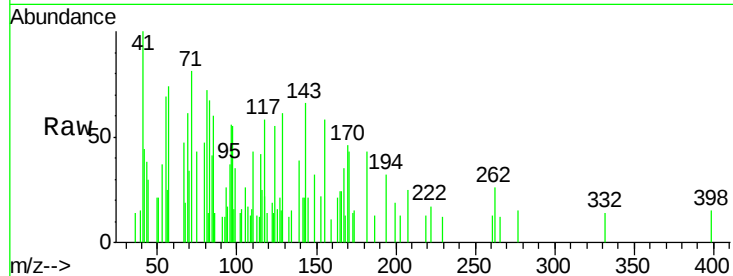
Tgt Ion:149 Resp: 1470

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

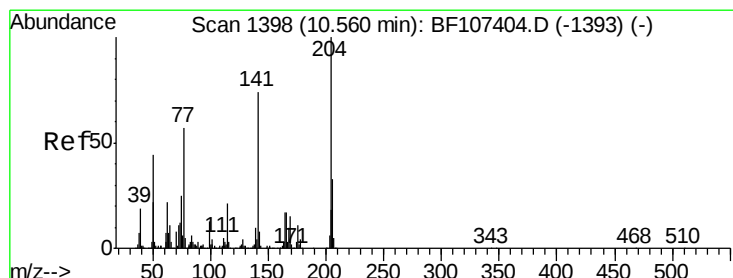
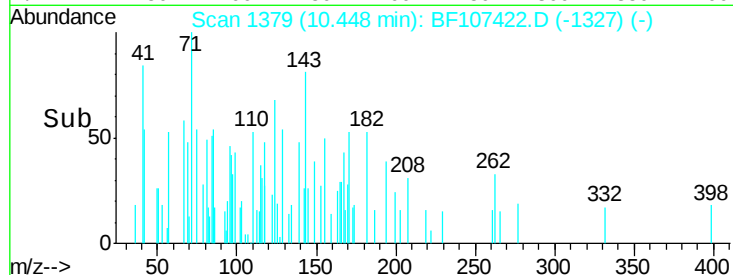
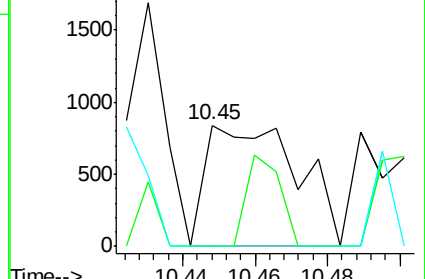
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.080 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

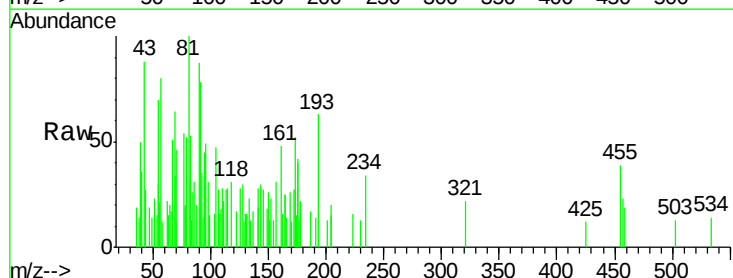
Tgt Ion:204 Resp: 754

Ion Ratio Lower Upper

204 100

206 0.0 26.5 39.7#

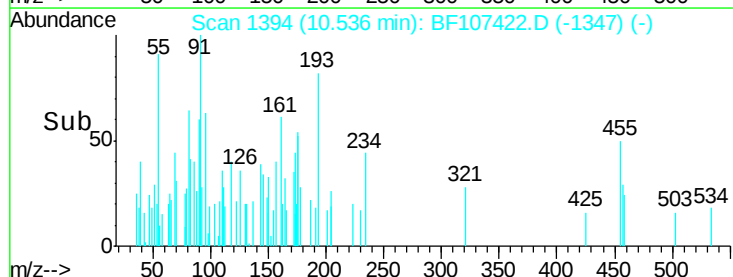
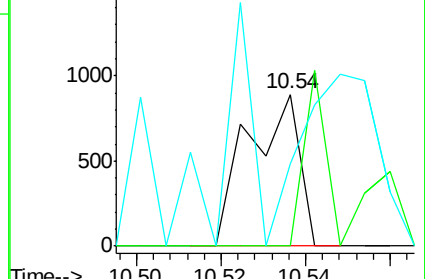
141 54.3 54.6 81.8#

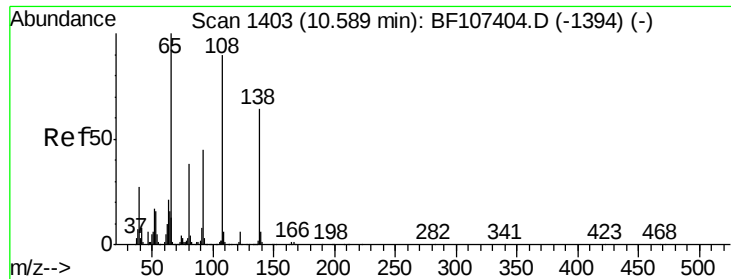


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

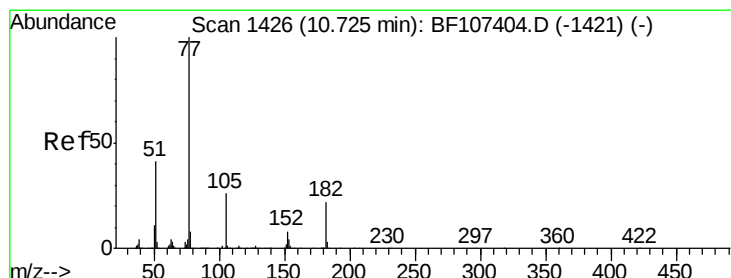
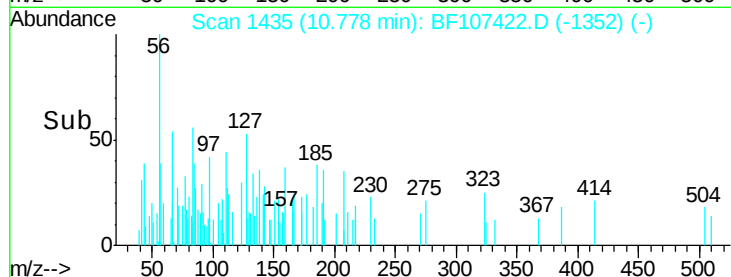
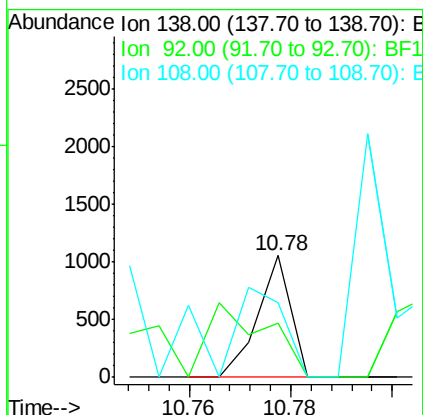
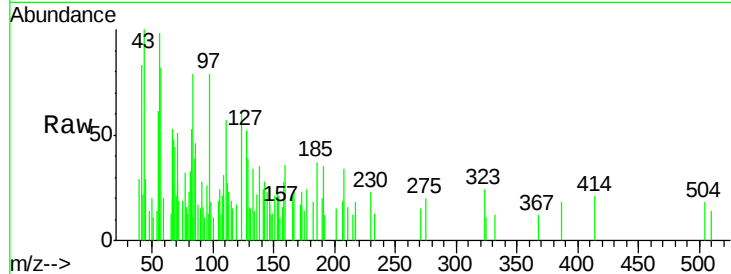




#61
4-Nitroaniline
Concen: 0.130 ng
RT: 10.78 min Scan# 1435
Delta R.T. 0.19 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

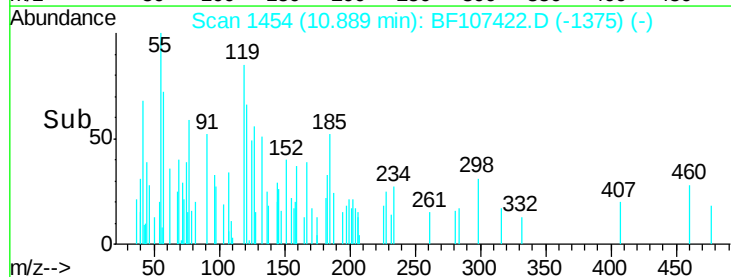
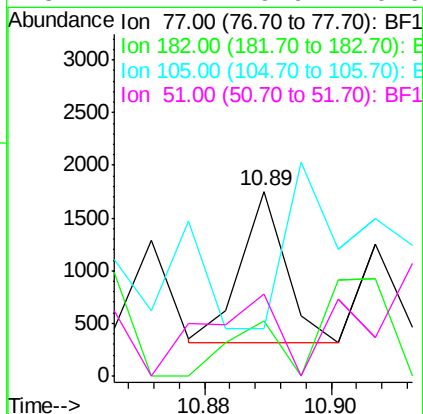
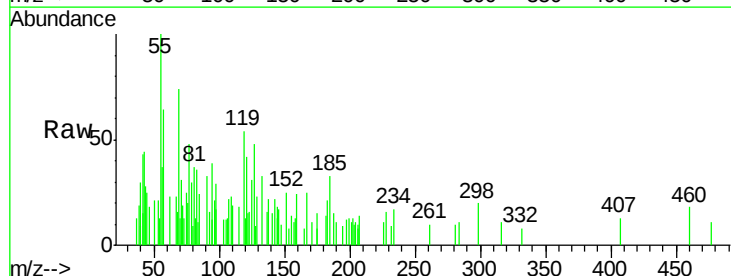
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

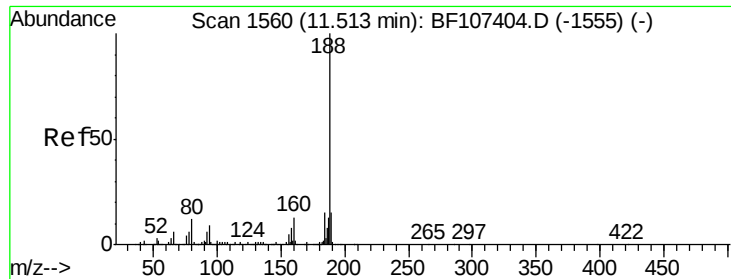
Tgt Ion: 138 Resp: 481
Ion Ratio Lower Upper
138 100
92 44.6 30.2 70.2
108 61.2 52.5 92.5



#62
Azobenzene
Concen: 0.032 ng
RT: 10.89 min Scan# 1454
Delta R.T. 0.16 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion: 77 Resp: 711
Ion Ratio Lower Upper
77 100
182 29.7 1.7 41.7
105 25.9 3.0 43.0
51 44.4 9.9 49.9

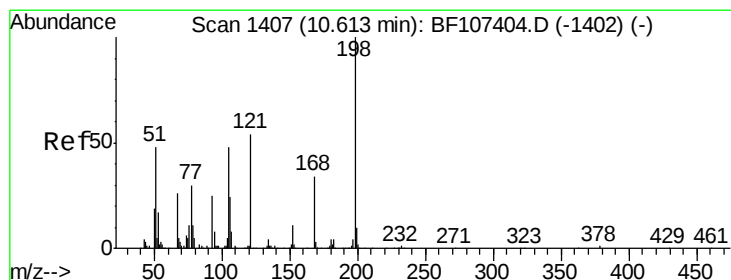
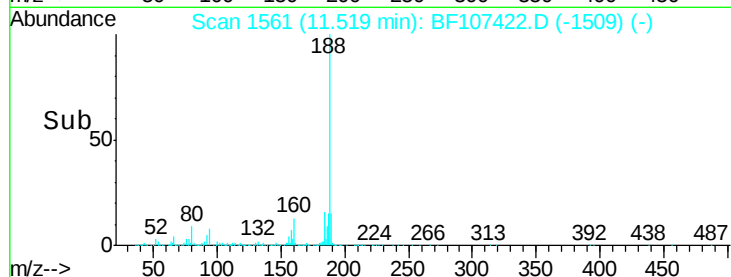
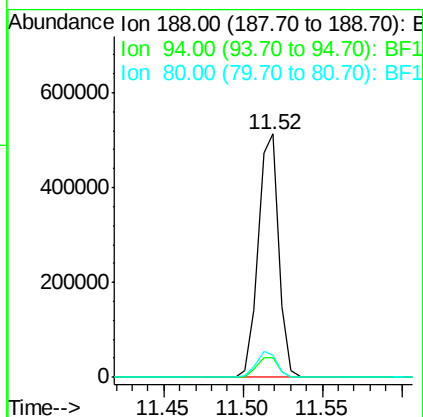
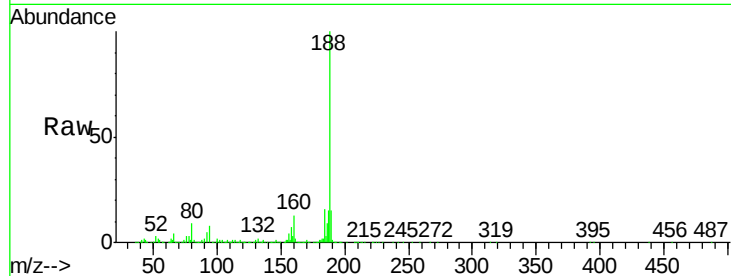




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

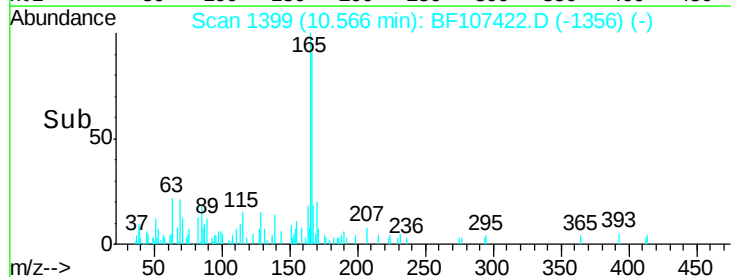
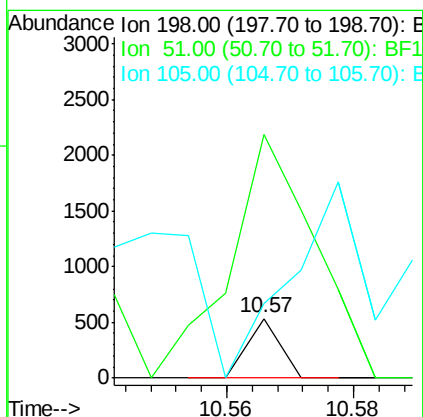
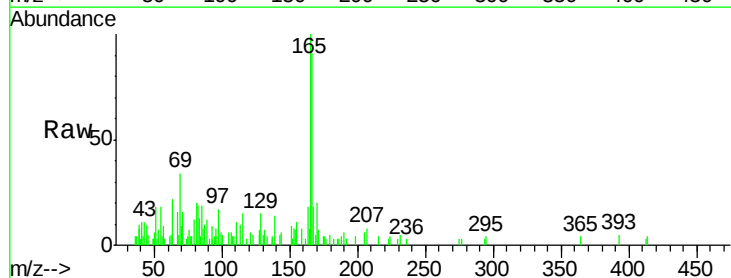
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

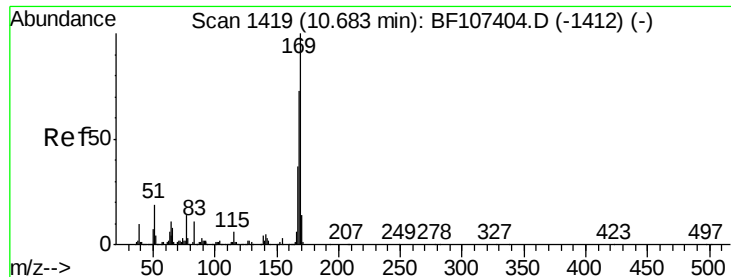
Tgt Ion:188 Resp: 463070
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 8.9 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.553 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.05 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

Tgt Ion:198 Resp: 189
 Ion Ratio Lower Upper
 198 100
 51 409.4 37.7 77.7#
 105 125.1 36.3 76.3#

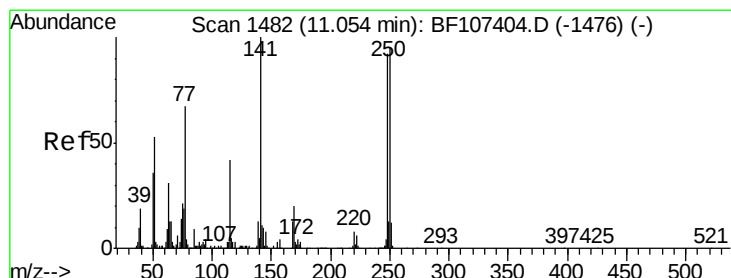
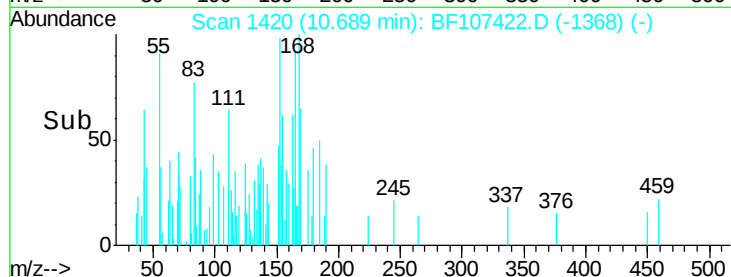
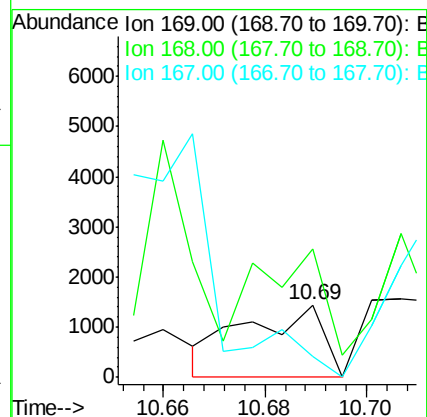
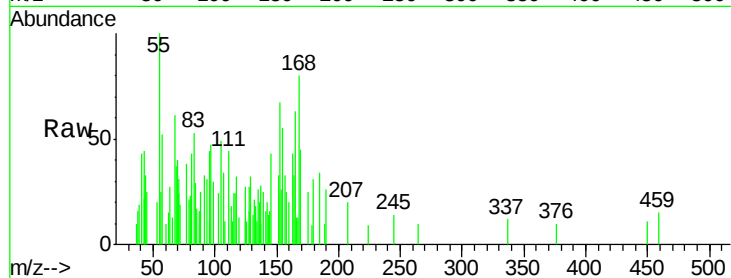




#65
n-Nitrosodiphenylamine
Concen: 0.106 ng
RT: 10.69 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

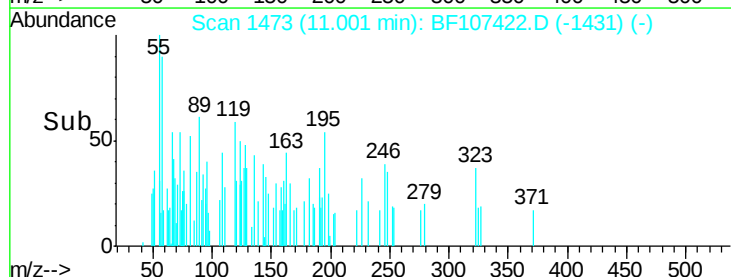
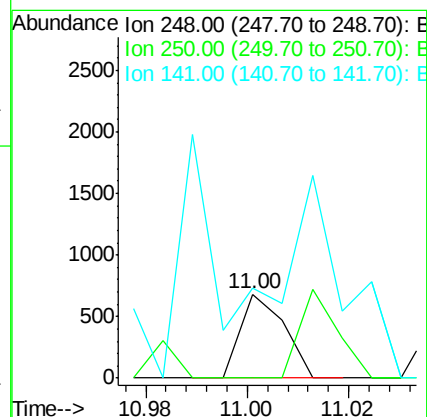
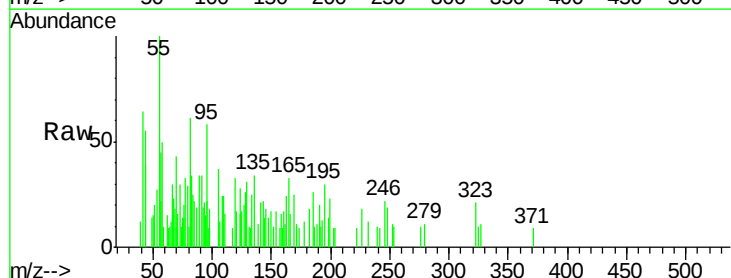
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

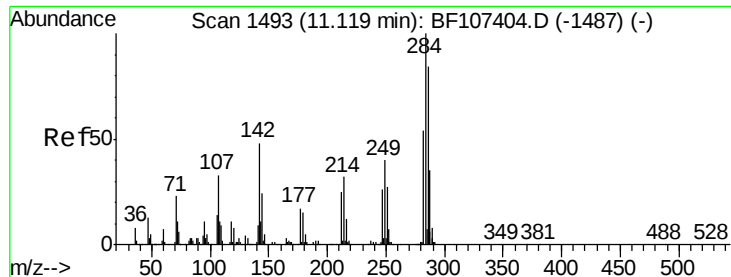
Tgt Ion:169 Resp: 1551
Ion Ratio Lower Upper
169 100
168 177.9 54.4 81.6#
167 28.4 29.8 44.6#



#66
4-Bromophenyl-phenylether
Concen: 0.077 ng
RT: 11.00 min Scan# 1473
Delta R.T. -0.05 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion:248 Resp: 406
Ion Ratio Lower Upper
248 100
250 0.0 76.9 115.3#
141 107.9 74.4 111.6

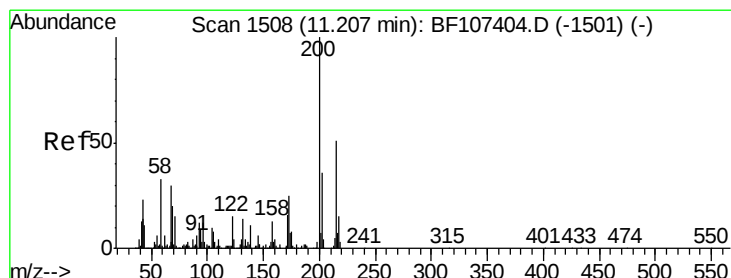
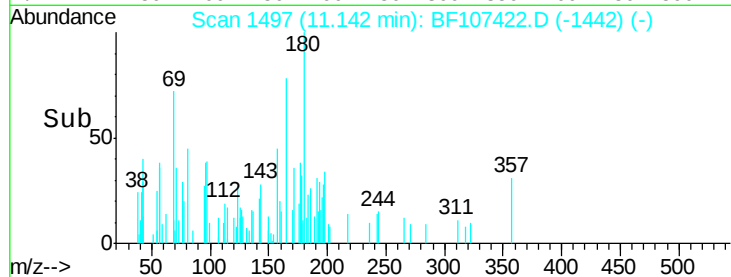
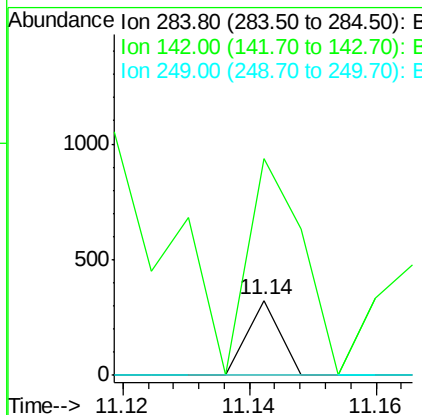
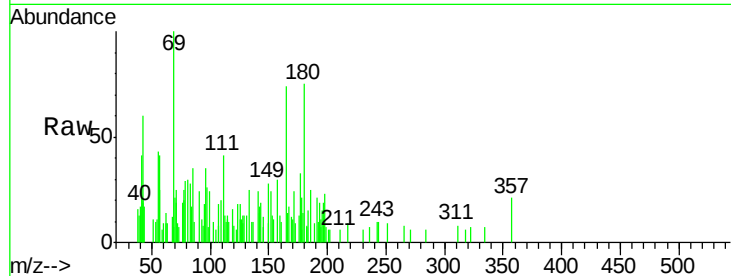




#67
Hexachlorobenzene
Concen: 0.023 ng
RT: 11.14 min Scan# 1497
Delta R.T. 0.02 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

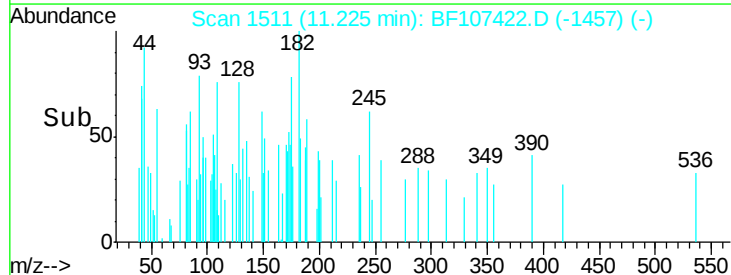
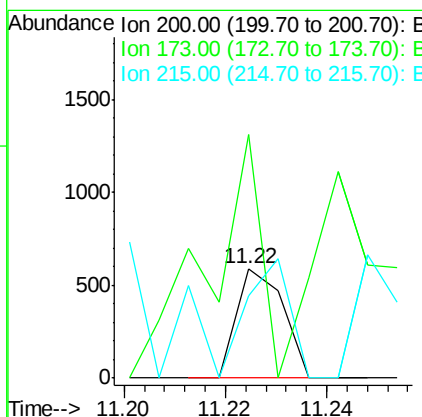
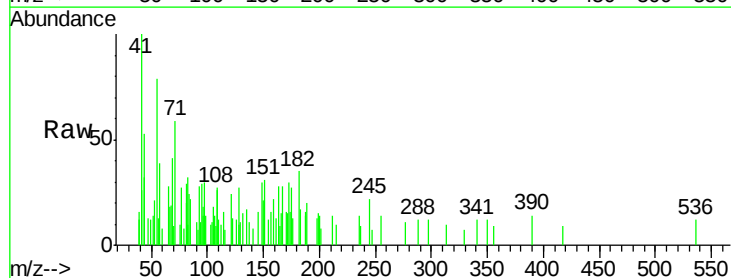
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

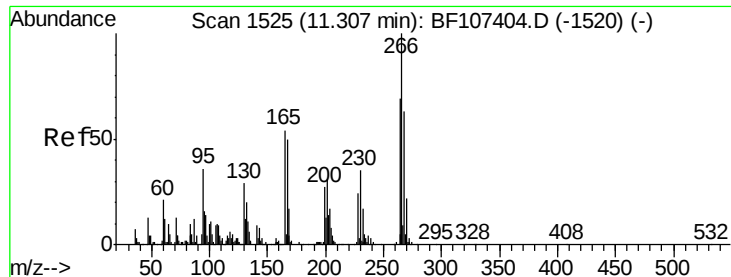
Tgt Ion: 284 Resp: 114
Ion Ratio Lower Upper
284 100
142 288.9 34.6 52.0#
249 0.0 24.8 37.2#



#68
Atrazine
Concen: 0.068 ng
RT: 11.22 min Scan# 1511
Delta R.T. 0.02 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion: 200 Resp: 375
Ion Ratio Lower Upper
200 100
173 221.8 8.6 48.6#
215 75.1 25.1 65.1#





#69

Pentachlorophenol

Concen: 0.126 ng

RT: 11.26 min Scan# 1517

Delta R.T. -0.05 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

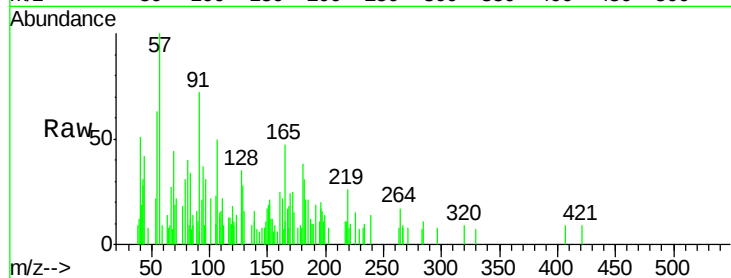
Tgt Ion:266 Resp: 457

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

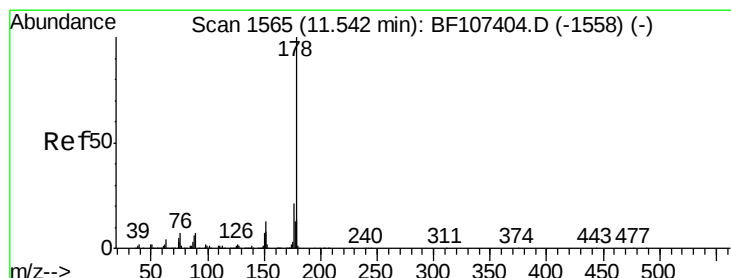
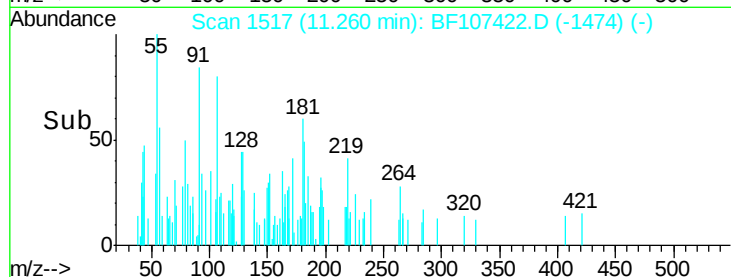
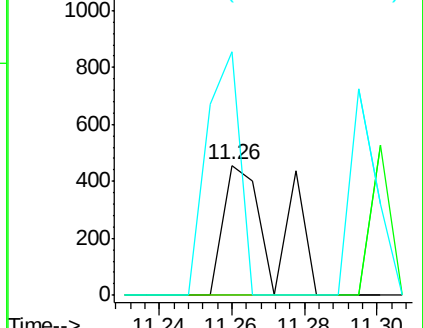
264 187.1 49.5 74.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 10.453 ng

RT: 11.54 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

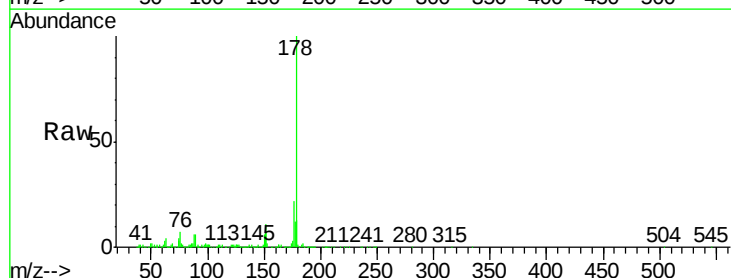
Tgt Ion:178 Resp: 241221

Ion Ratio Lower Upper

178 100

176 21.6 15.8 23.8

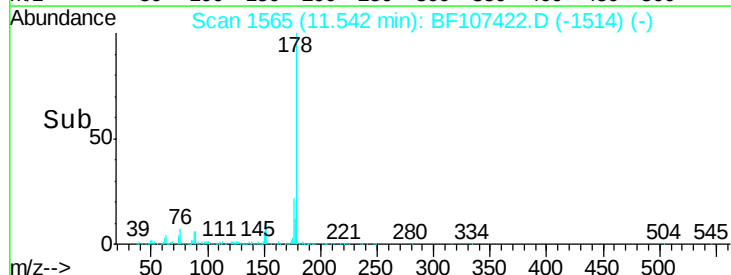
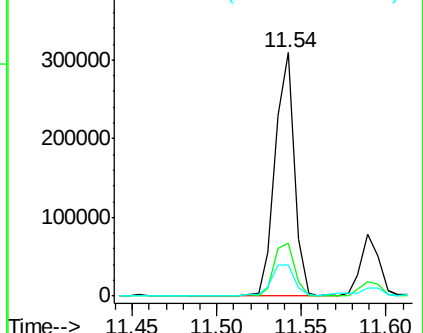
179 12.9 13.0 19.6#

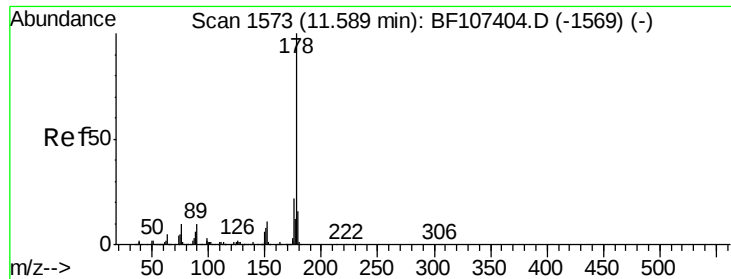


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

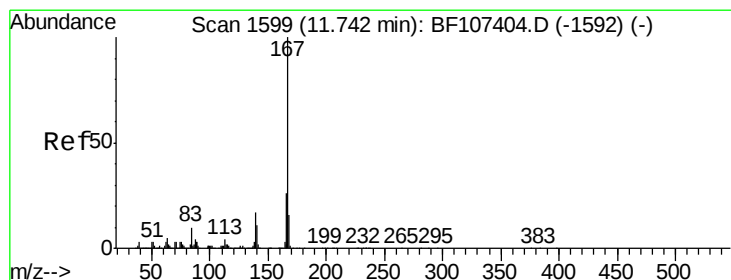
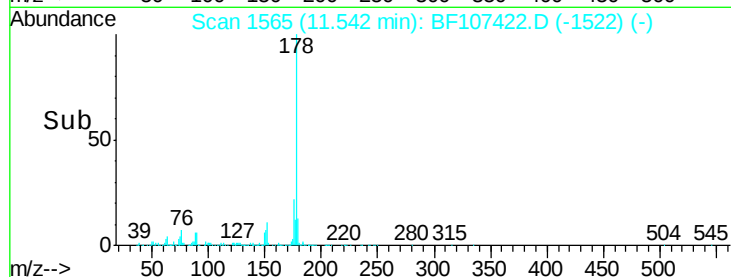
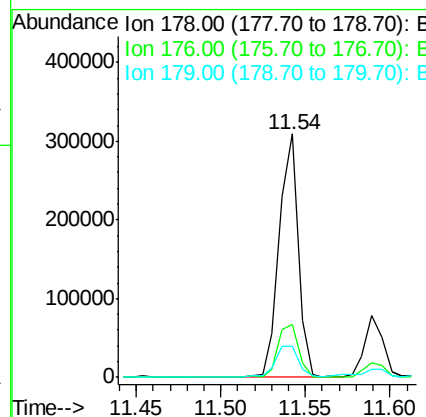
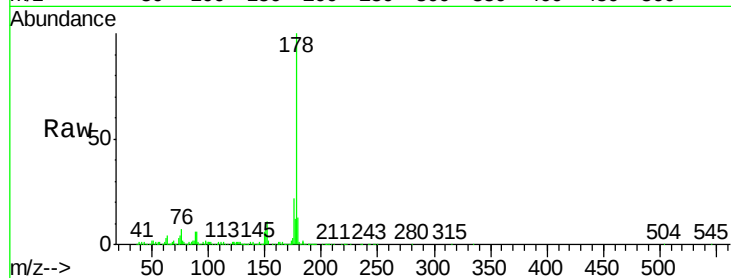




#71
 Anthracene
 Concen: 10.494 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

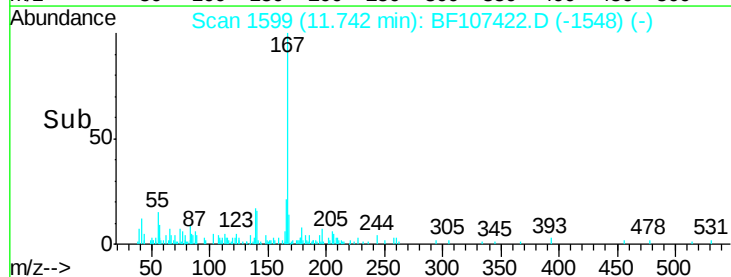
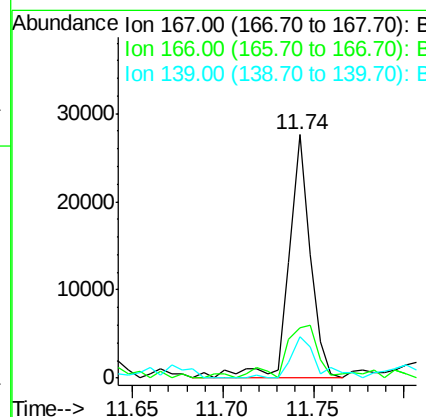
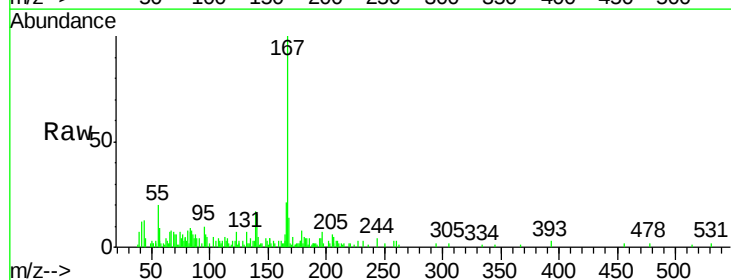
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

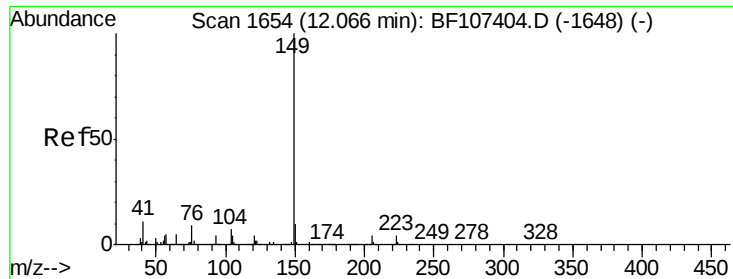
Tgt Ion:178 Resp: 241221
 Ion Ratio Lower Upper
 178 100
 176 21.6 15.4 23.2
 179 12.9 12.6 19.0



#72
 Carbazole
 Concen: 1.055 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

Tgt Ion:167 Resp: 22950
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.6 26.4
 139 16.8 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 0.316 ng

RT: 12.07 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

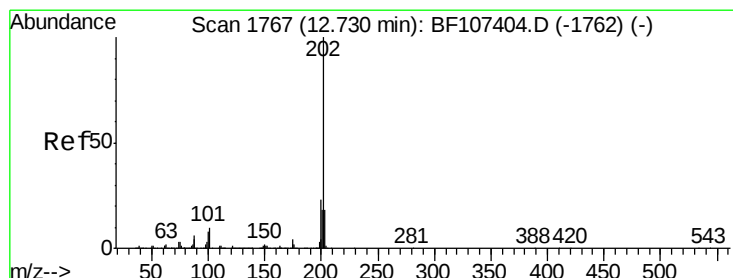
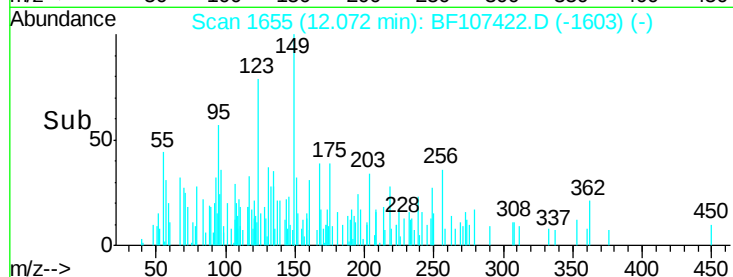
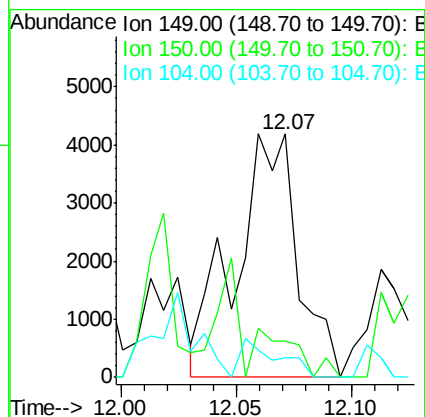
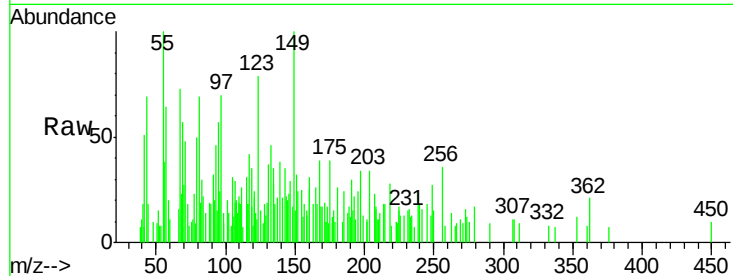
Tgt Ion:149 Resp: 7909

Ion Ratio Lower Upper

149 100

150 14.8 7.8 11.6#

104 8.1 3.8 5.8#



#74

Fluoranthene

Concen: 17.339 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

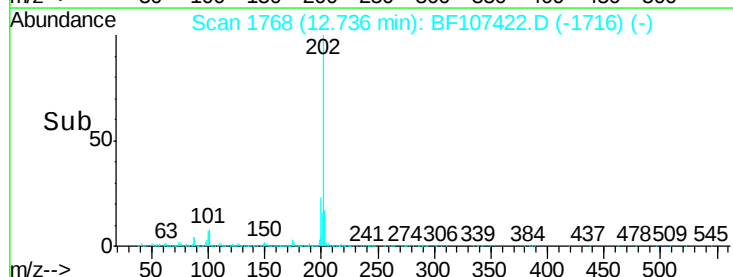
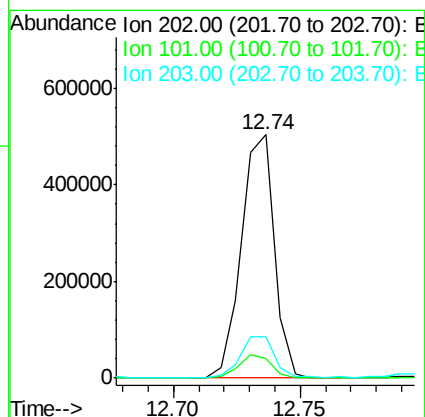
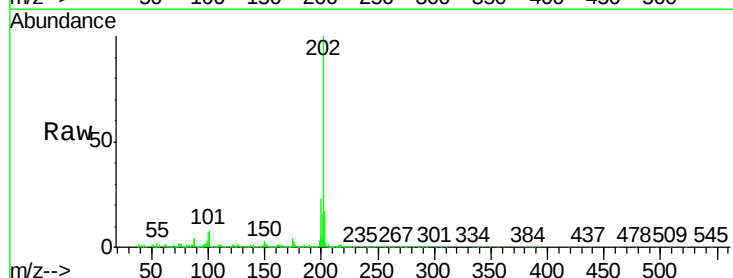
Tgt Ion:202 Resp: 454799

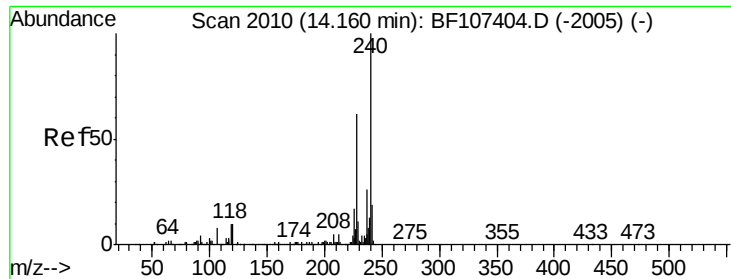
Ion Ratio Lower Upper

202 100

101 7.8 0.0 34.1

203 16.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

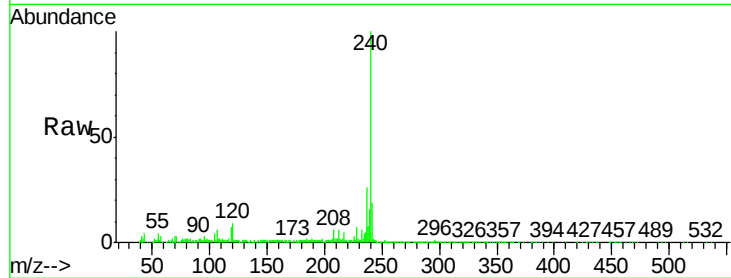
Tgt Ion:240 Resp: 420086

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

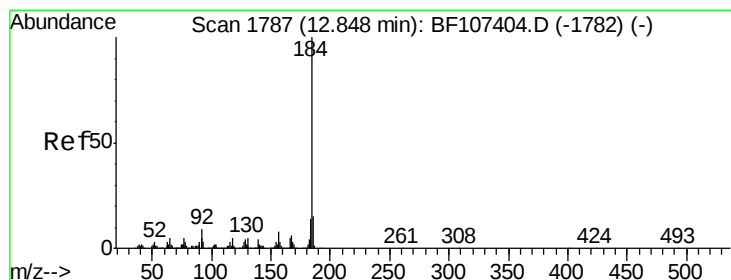
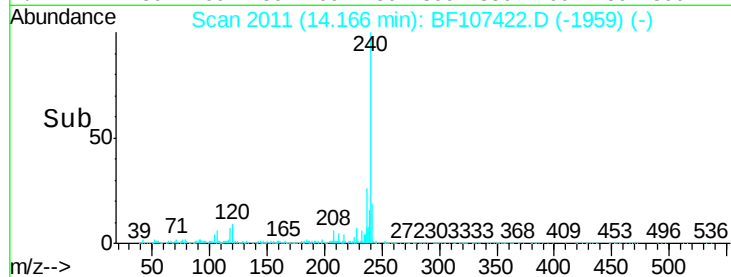
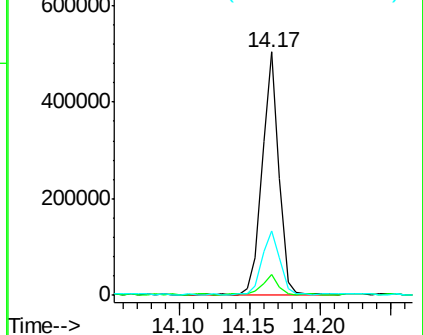
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.087 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

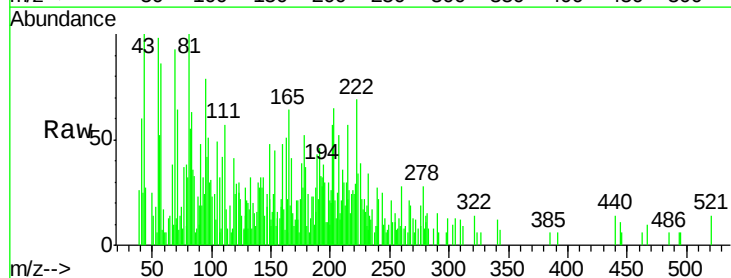
Tgt Ion:184 Resp: 1416

Ion Ratio Lower Upper

184 100

185 100.0 12.6 18.8#

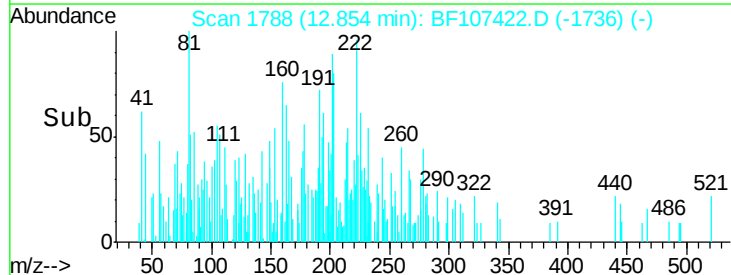
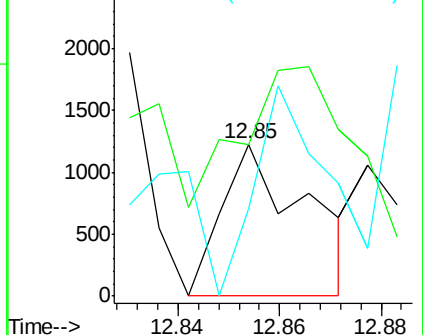
183 57.4 9.3 13.9#

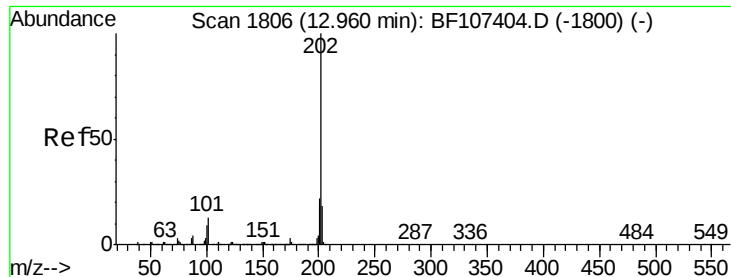


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 14.174 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

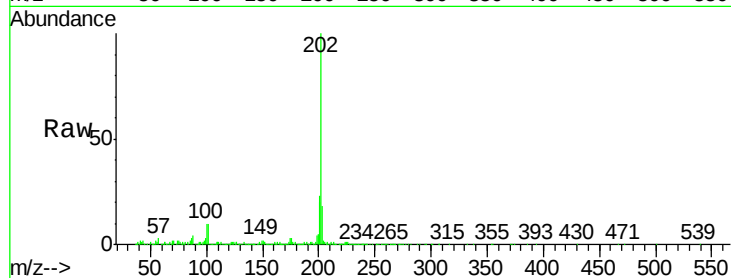
Tgt Ion:202 Resp: 404902

Ion Ratio Lower Upper

202 100

200 23.5 17.4 26.2

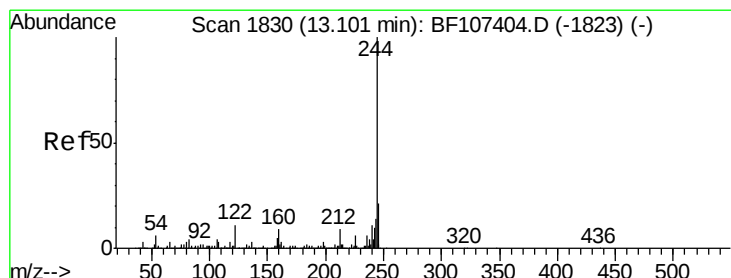
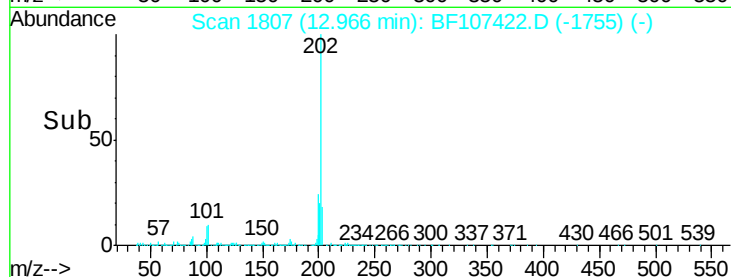
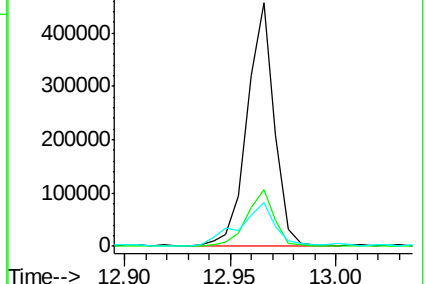
203 17.8 14.3 21.5



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: 29.902 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

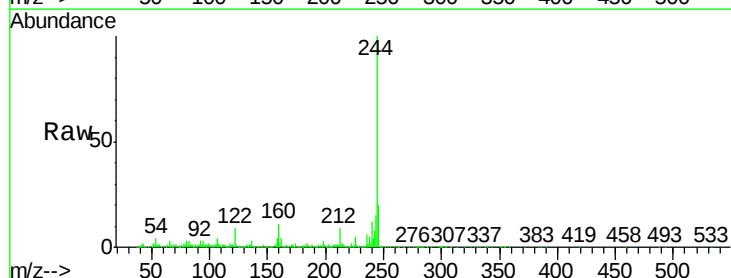
Tgt Ion:244 Resp: 505579

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.0#

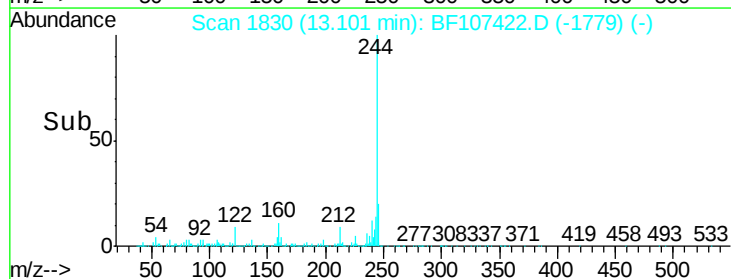
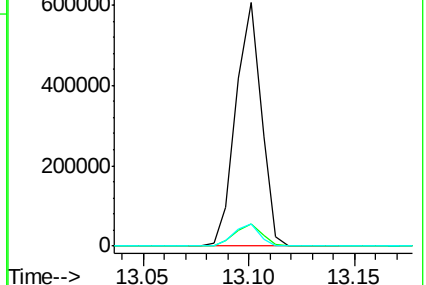
122 9.0 11.0 16.4#

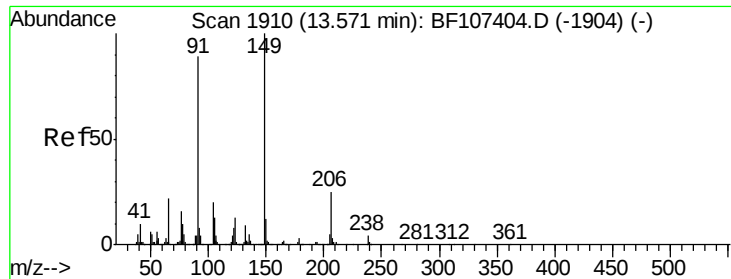


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.256 ng

RT: 13.63 min Scan# 1920

Delta R.T. 0.06 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

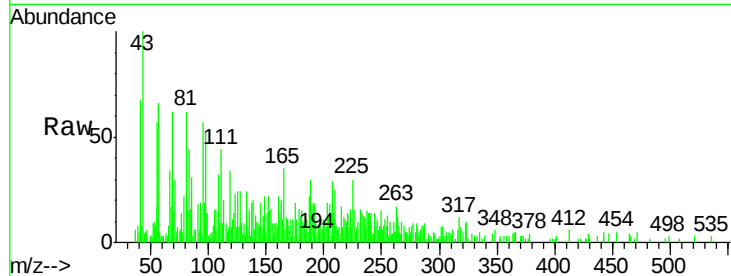
Tgt Ion:149 Resp: 2669

Ion Ratio Lower Upper

149 100

91 84.0 56.8 85.2

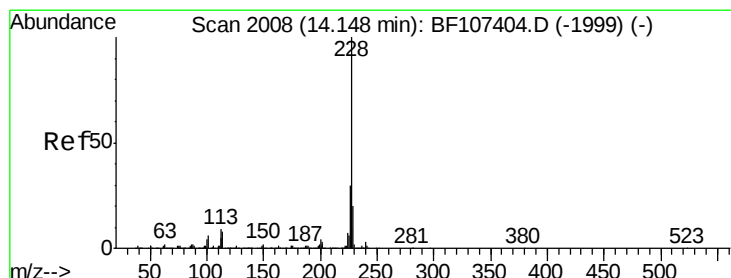
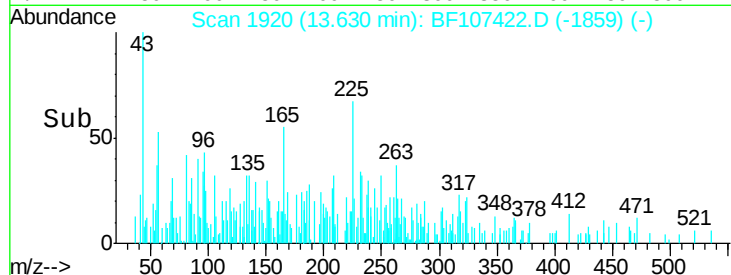
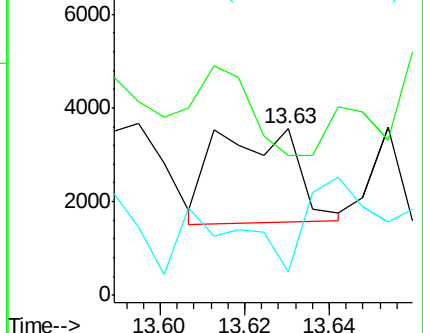
206 14.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 7.411 ng

RT: 14.19 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

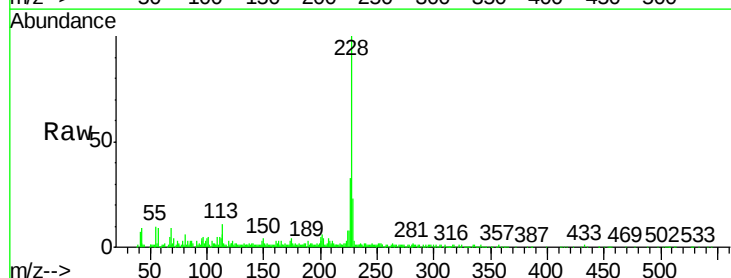
Tgt Ion:228 Resp: 190488

Ion Ratio Lower Upper

228 100

226 32.8 22.6 33.8

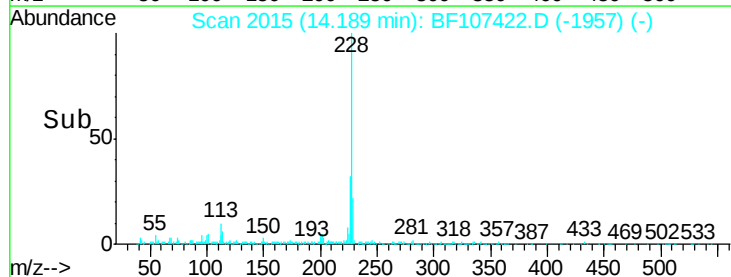
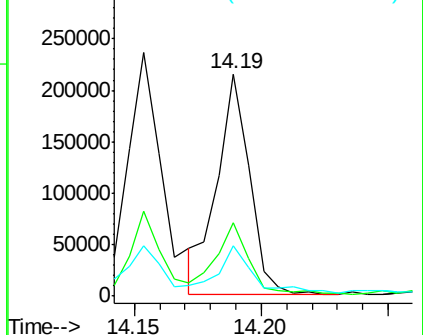
229 22.9 15.8 23.6

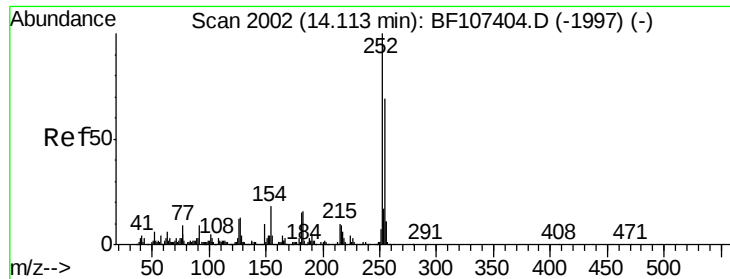


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 0.121 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

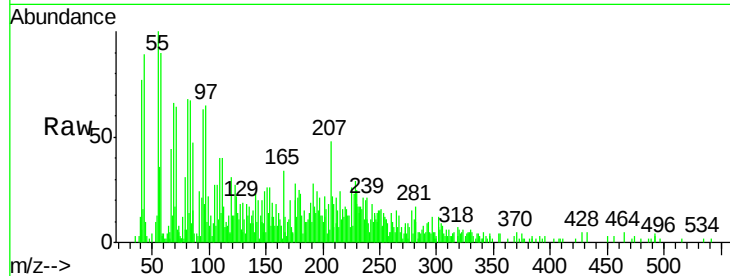
Tgt Ion:252 Resp: 1046

Ion Ratio Lower Upper

252 100

254 80.1 50.4 75.6#

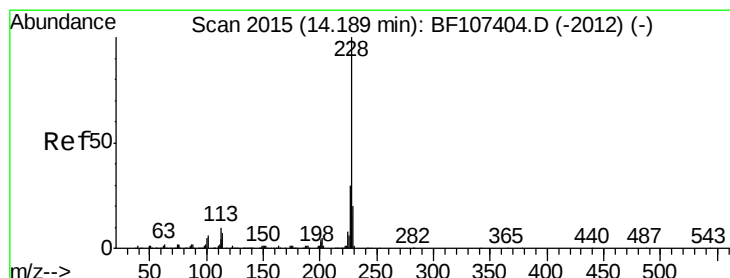
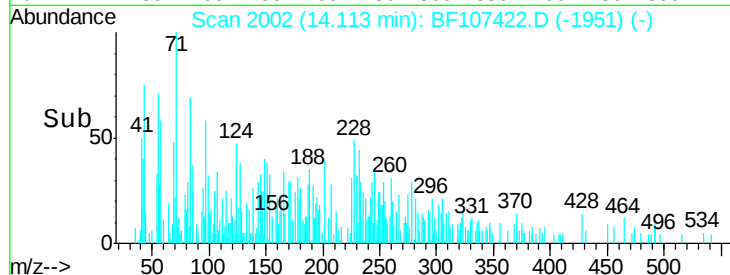
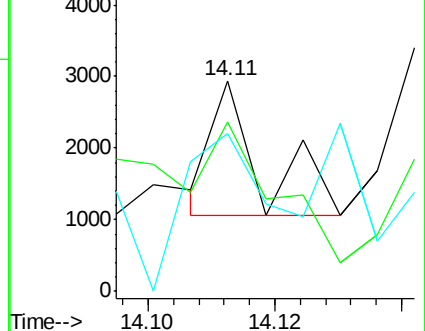
126 74.7 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 7.758 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

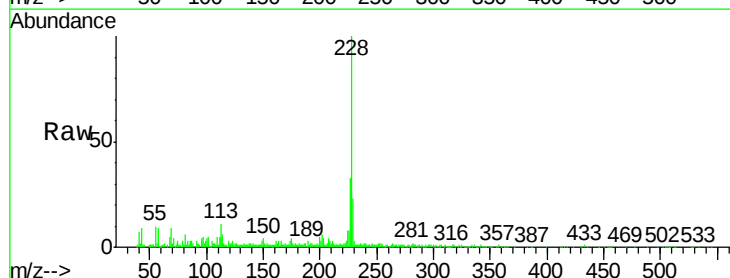
Tgt Ion:228 Resp: 190488

Ion Ratio Lower Upper

228 100

226 32.8 25.0 37.6

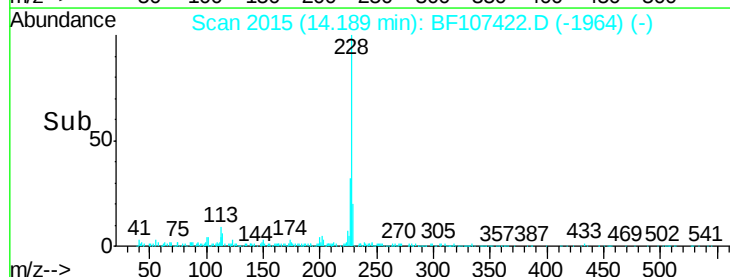
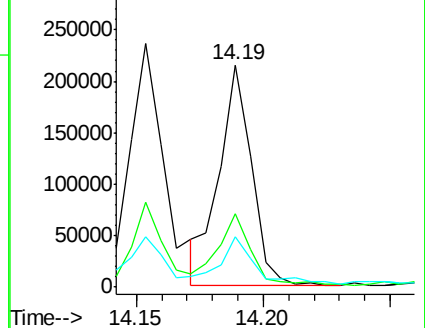
229 22.9 16.2 24.4

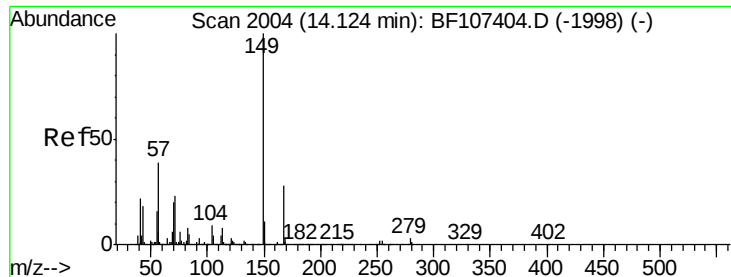


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.987 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

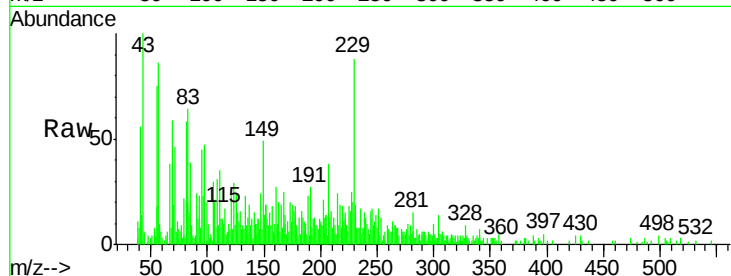
Tgt Ion:149 Resp: 14716

Ion Ratio Lower Upper

149 100

167 50.0 21.3 31.9#

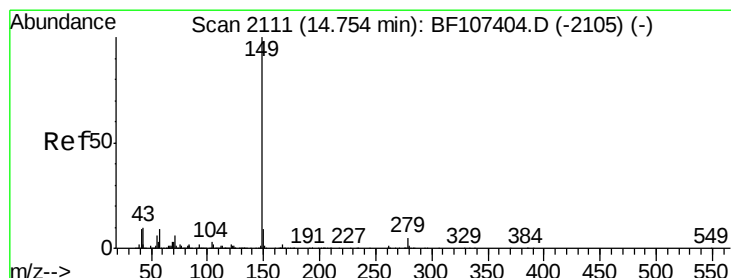
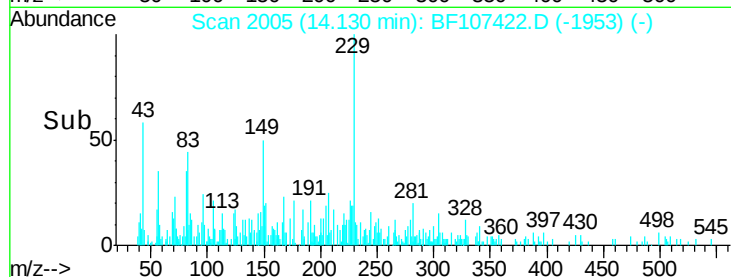
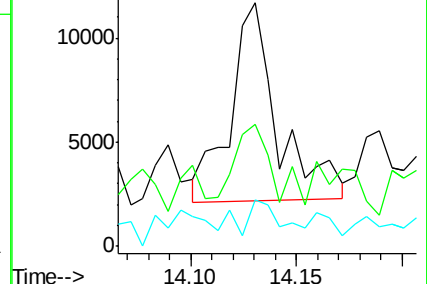
279 18.8 3.0 4.4#



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: 0.121 ng

RT: 14.77 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

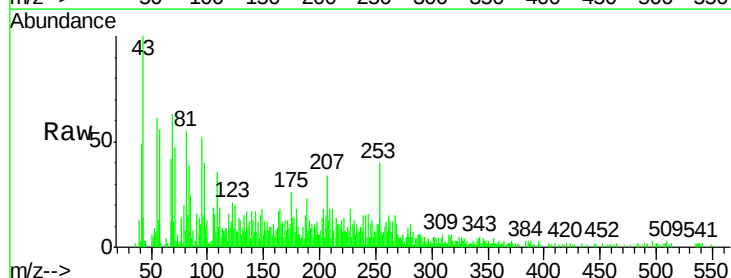
Tgt Ion:149 Resp: 2816

Ion Ratio Lower Upper

149 100

167 157.7 1.2 1.8#

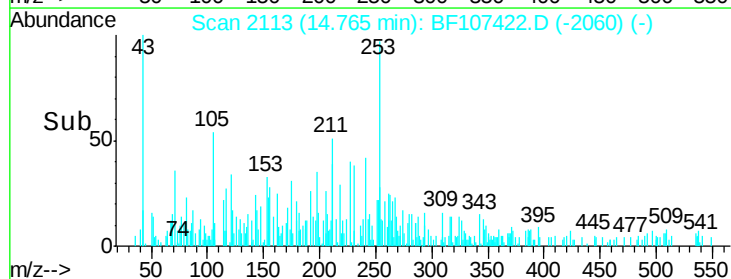
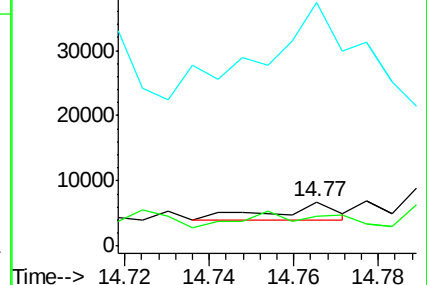
43 901.7 8.4 12.6#

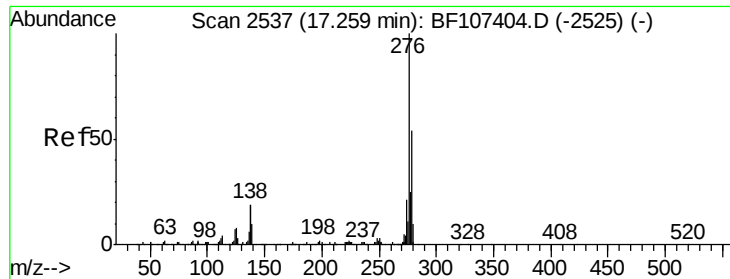


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.119 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

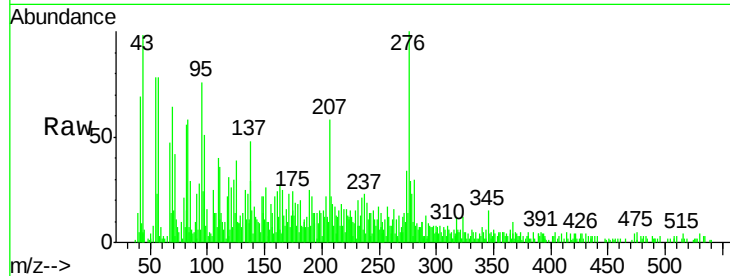
Tgt Ion:276 Resp: 54504

Ion Ratio Lower Upper

276 100

138 11.8 25.0 37.6#

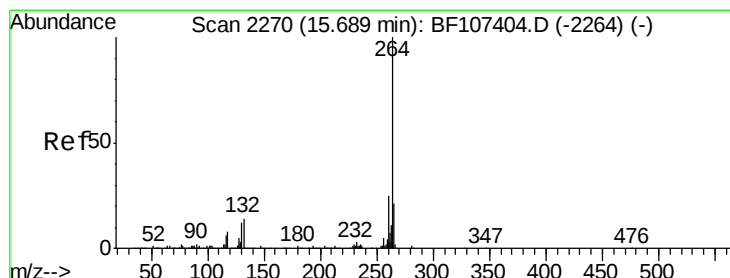
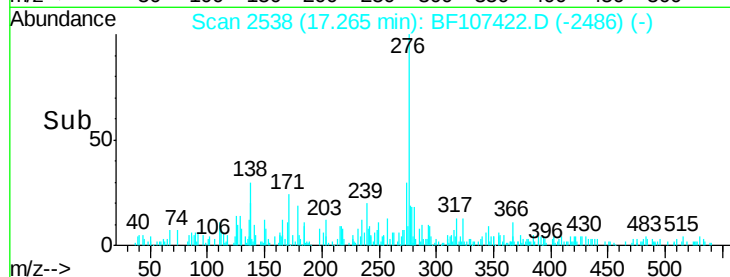
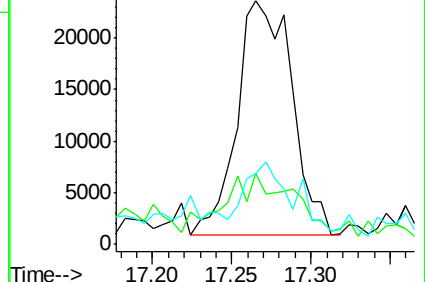
277 24.8 20.1 30.1



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: BF107422.D

Acq: 17 Jul 2018 00:17

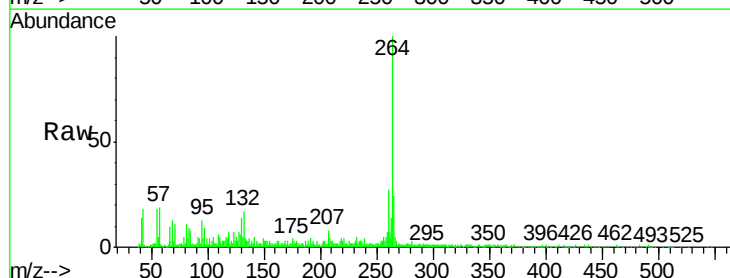
Tgt Ion:264 Resp: 263310

Ion Ratio Lower Upper

264 100

260 27.4 19.2 28.8

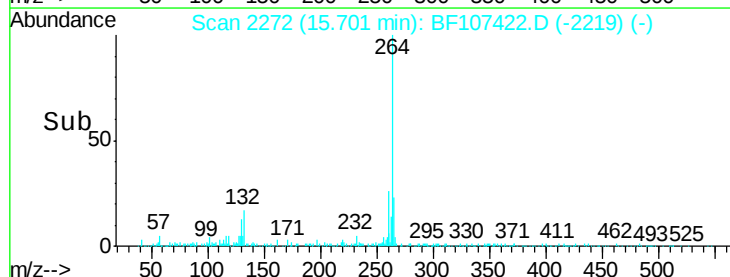
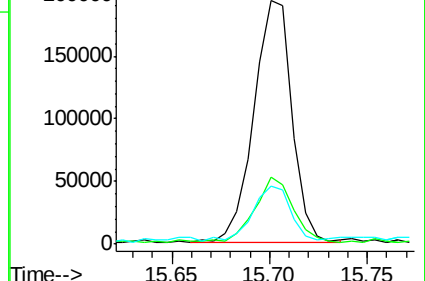
265 23.9 17.5 26.3

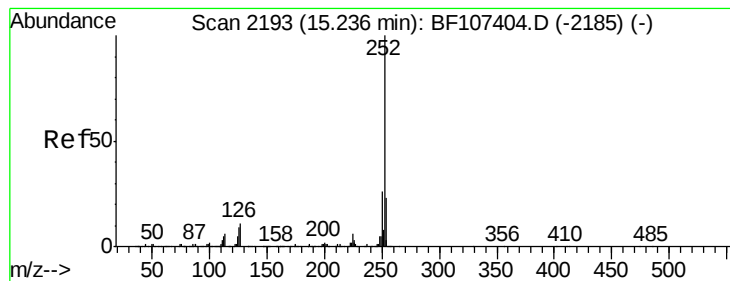


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 15.052 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

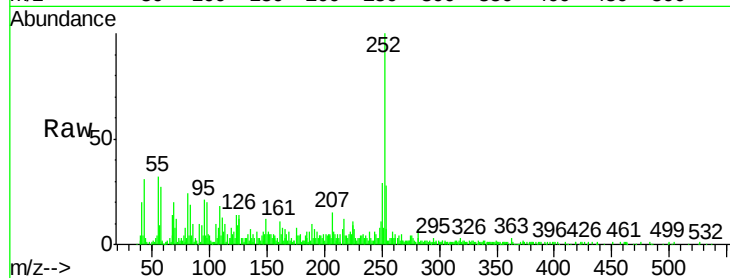
Tgt Ion:252 Resp: 231985

Ion Ratio Lower Upper

252 100

253 27.6 17.0 25.6#

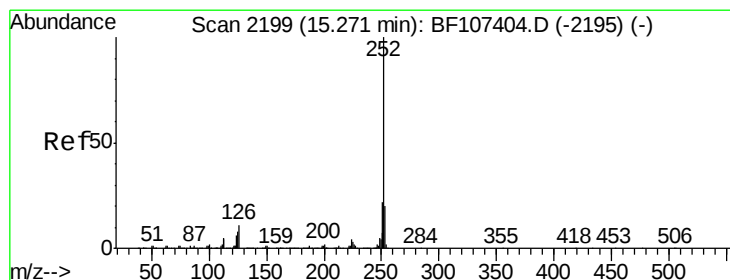
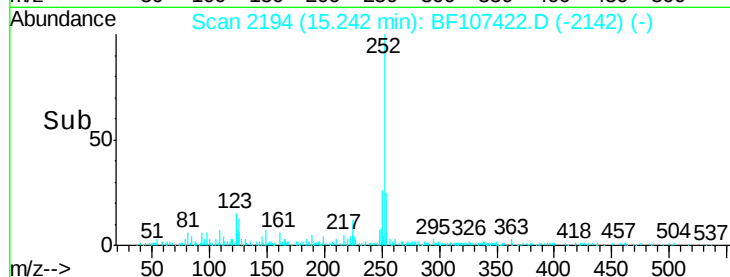
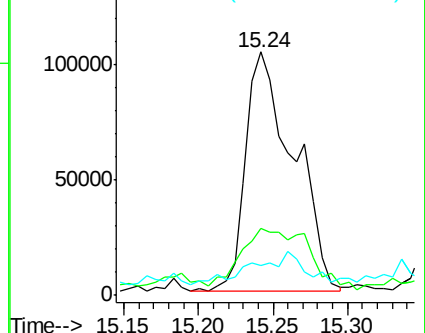
125 12.4 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 15.424 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.03 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

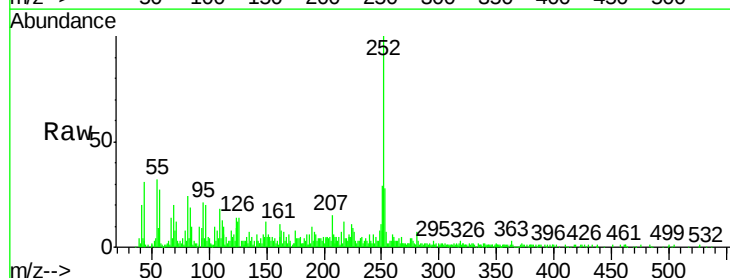
Tgt Ion:252 Resp: 231985

Ion Ratio Lower Upper

252 100

253 27.6 17.9 26.9#

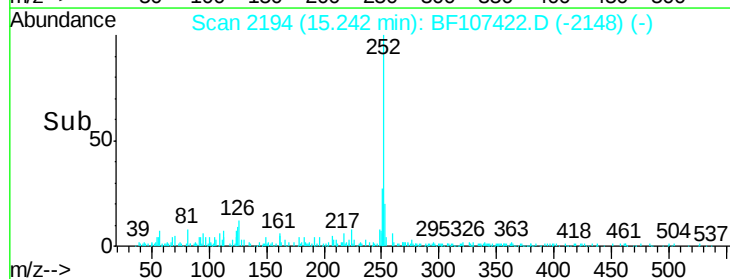
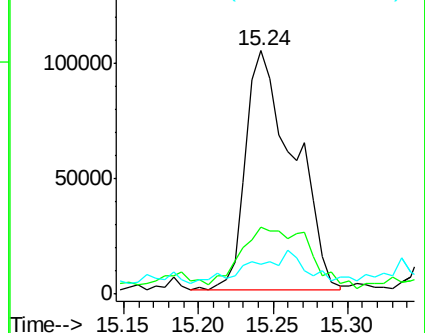
125 12.4 10.2 15.2

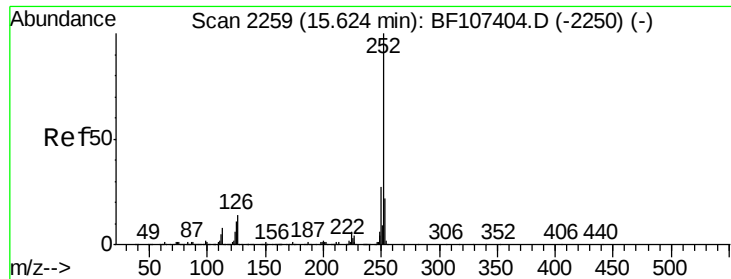


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 8.013 ng

RT: 15.63 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampleId :

HR-05-071218-C

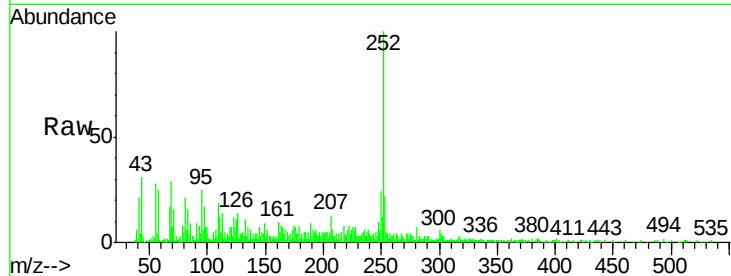
Tgt Ion:252 Resp: 113356

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

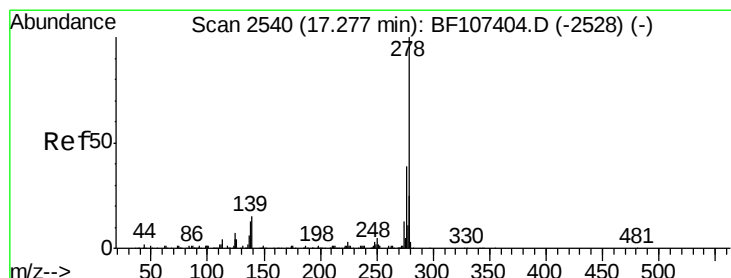
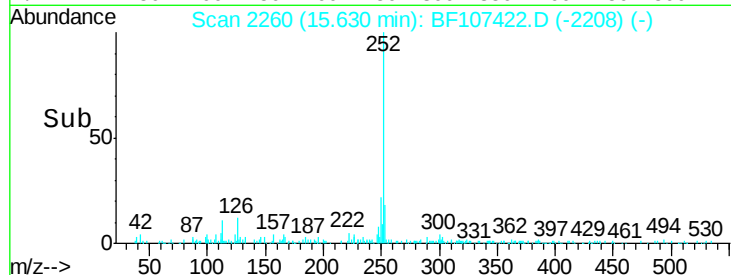
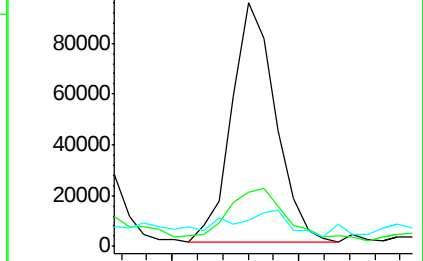
125 10.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.975 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

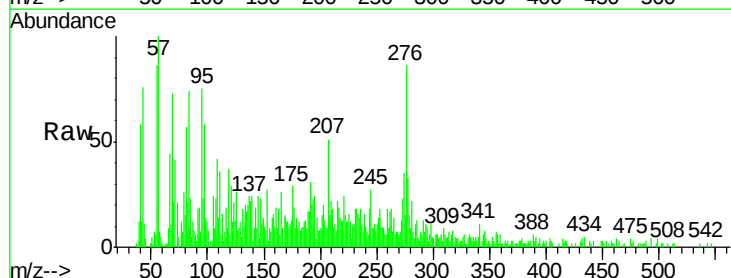
Tgt Ion:278 Resp: 10405

Ion Ratio Lower Upper

278 100

139 72.6 15.9 23.9#

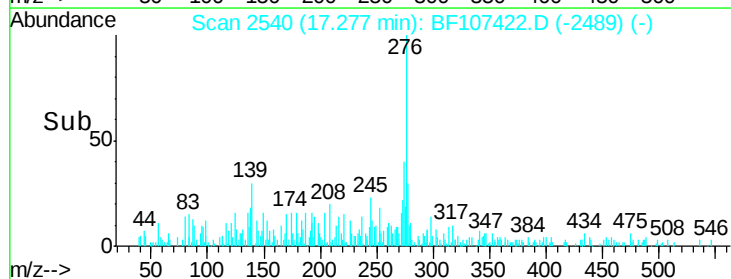
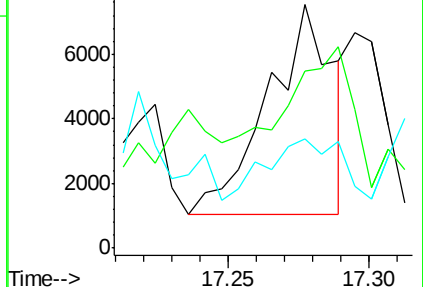
279 44.8 19.0 28.4#

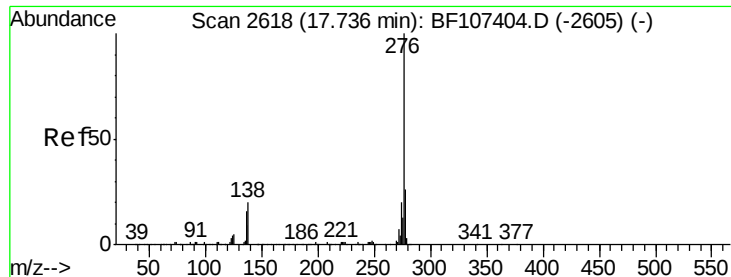


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

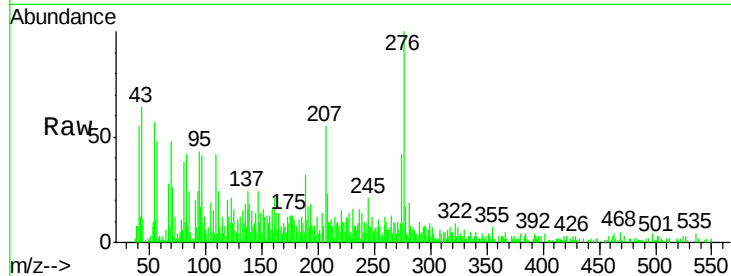




#91
 Benzo(g,h,i)perylene
 Concen: 4.982 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.02 min
 Lab File: BF107422.D
 Acq: 17 Jul 2018 00:17

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

Tgt Ion: 276 Resp: 54040
 Ion Ratio Lower Upper
 276 100
 277 17.0 17.9 26.9#
 138 16.3 21.8 32.8#



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

