

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107416.D
 Acq On : 16 Jul 2018 21:34
 Operator : JU/SJ
 Sample : J3820-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-071218

Quant Time: Jul 17 00:59:37 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	165022	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	604677	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	286803	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	539357	20.00	ng	0.00
75) Chrysene-d12	14.16	240	488020	20.00	ng	0.00
86) Perylene-d12	15.69	264	453142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	911820	83.92	ng	0.00
7) Phenol-d6	6.60	99	1188046	84.57	ng	0.00
23) Nitrobenzene-d5	7.54	82	841983	74.25	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	226560	89.91	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1333481	76.43	ng	0.00
78) Terphenyl-d14	13.10	244	1226886	62.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	444	0.083	ng	# 20
3) Pyridine	3.66	79	358	0.025	ng	# 21
4) n-Nitrosodimethylamine	3.61	42	575	0.097	ng	# 1
6) Aniline	6.61	93	1004	0.054	ng	# 1
8) 2-Chlorophenol	6.76	128	395	0.036	ng	# 1
9) Benzaldehyde	6.61	77	2170	0.192	ng	# 1
10) Phenol	6.61	94	38332	2.545	ng	72
11) bis(2-Chloroethyl)ether	6.70	93	525	0.043	ng	# 19
12) 1,3-Dichlorobenzene	6.70	146	262	0.020	ng	# 26
13) 1,4-Dichlorobenzene	7.14	146	1252	0.095	ng	# 1
14) 1,2-Dichlorobenzene	7.14	146	1252	0.101	ng	# 1
15) Benzyl Alcohol	7.14	79	19824	1.405	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	7.24	45	580	0.044	ng	65
17) 2-Methylphenol	7.21	107	300	0.029	ng	# 49
18) Hexachloroethane	7.51	117	140	0.028	ng	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	138521	13.772	ng	# 75
20) 3+4-Methylphenols	7.36	107	239	0.018	ng	# 25
22) Acetophenone	7.37	105	811	0.049	ng	# 34
24) Nitrobenzene	7.53	77	4160	0.326	ng	# 34
25) Isophorone	7.54	82	841968	37.460	ng	# 64
26) 2-Nitrophenol	7.85	139	151	0.035	ng	# 15
27) 2,4-Dimethylphenol	7.91	122	116	0.013	ng	# 6
28) bis(2-Chloroethoxy)methane	8.00	93	229	0.016	ng	# 12
29) 2,4-Dichlorophenol	8.17	162	206	0.022	ng	# 35
30) 1,2,4-Trichlorobenzene	8.20	180	468	0.041	ng	# 12
31) Naphthalene	8.28	128	8540	0.291	ng	# 92
32) Benzoic acid	7.92	122	245	0.044	ng	# 37
33) 4-Chloroaniline	8.27	127	1629	0.128	ng	# 1
34) Hexachlorobutadiene	8.40	225	192	0.025	ng	# 18
35) Caprolactam	8.67	113	213	0.070	ng	# 76
36) 4-Chloro-3-methylphenol	8.80	107	120	0.010	ng	# 1
37) 2-Methylnaphthalene	8.97	142	7367	0.381	ng	# 81
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	137	0.012	ng	# 1
40) Hexachlorocyclopentadiene	9.10	237	130	0.022	ng	# 26

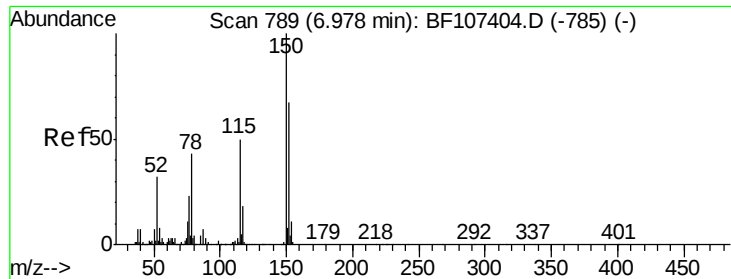
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107416.D
 Acq On : 16 Jul 2018 21:34
 Operator : JU/SJ
 Sample : J3820-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-071218

Quant Time: Jul 17 00:59:37 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)
42) 2,4,6-Trichlorophenol	9.24	196	135	0.019	ng	# 13
43) 2,4,5-Trichlorophenol	9.27	196	179	0.027	ng	# 35
45) 1,1'-Biphenyl	9.44	154	5444	0.220	ng	98
46) 2-Chloronaphthalene	9.46	162	346	0.018	ng	# 73
47) 2-Nitroaniline	9.61	65	521	0.087	ng	90
48) Acenaphthylene	9.88	152	46972	1.719	ng	96
49) Dimethylphthalate	9.72	163	251987	11.058	ng	98
50) 2,6-Dinitrotoluene	9.72	165	4195	0.965	ng	# 1
51) Acenaphthene	10.05	154	3644	0.201	ng	85
52) 3-Nitroaniline	9.93	138	433	0.095	ng	# 34
53) 2,4-Dinitrophenol	10.00	184	497	2.725	ng	# 1
54) Dibenzofuran	10.22	168	2846	0.102	ng	# 77
55) 4-Nitrophenol	10.12	139	364	0.098	ng	# 1
56) 2,4-Dinitrotoluene	10.32	165	2043	0.360	ng	# 42
57) Fluorene	10.54	166	6537	0.353	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	108	0.017	ng	# 1
59) Diethylphthalate	10.44	149	2483	0.112	ng	# 87
60) 4-Chlorophenyl-phenylether	10.56	204	200	0.018	ng	# 1
61) 4-Nitroaniline	10.62	138	351	0.081	ng	# 27
62) Azobenzene	10.71	77	878	0.034	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.57	198	114	7.522	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	2840	0.167	ng	86
66) 4-Bromophenyl-phenylether	10.81	248	26810	4.345	ng	# 1
68) Atrazine	11.17	200	117	0.018	ng	# 37
69) Pentachlorophenol	11.05	266	409	0.097	ng	# 19
70) Phenanthrene	11.54	178	231023	8.595	ng	98
71) Anthracene	11.58	178	37520	1.401	ng	95
72) Carbazole	11.74	167	4466	0.176	ng	# 23
73) Di-n-butylphthalate	12.06	149	14376	0.494	ng	# 83
74) Fluoranthene	12.73	202	251796	8.242	ng	92
76) Benzidine	12.87	184	1154	0.061	ng	# 40
77) Pyrene	12.96	202	355371	10.708	ng	94
79) Butylbenzylphthalate	13.68	149	2614	0.216	ng	96
80) Benzo(a)anthracene	14.18	228	192235	6.438	ng	95
81) 3,3'-Dichlorobenzidine	14.11	252	2347	0.234	ng	# 23
82) Chrysene	14.18	228	192235	6.739	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	15100	0.872	ng	# 50
84) Di-n-octyl phthalate	14.75	149	3155	0.117	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.25	276	54844	2.701	ng	96
87) Benzo(b)fluoranthene	15.23	252	198262	7.475	ng	# 89
88) Benzo(k)fluoranthene	15.23	252	198262	7.660	ng	# 89
89) Benzo(a)pyrene	15.62	252	139170	5.717	ng	99
90) Dibenzo(a,h)anthracene	17.27	278	13588	0.740	ng	# 33
91) Benzo(g,h,i)perylene	17.72	276	62345	3.340	ng	95

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

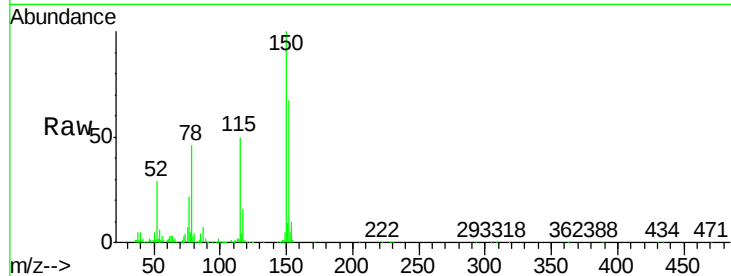


#1

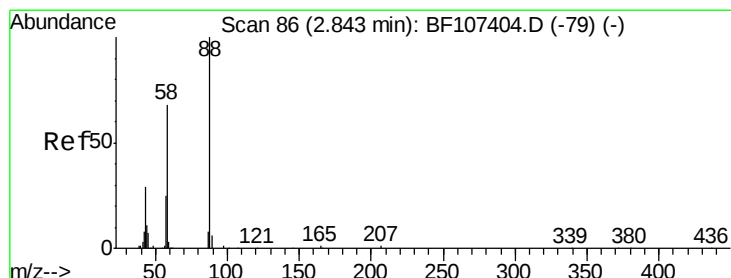
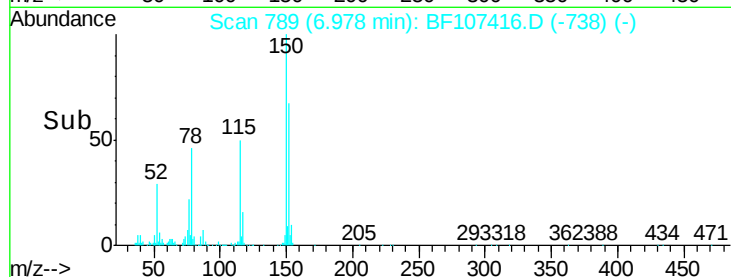
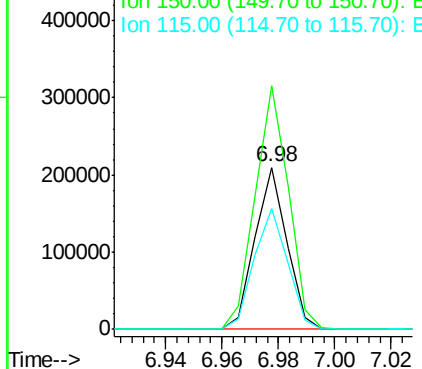
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
BU-02-071218

Tgt Ion:152 Resp: 165022
Ion Ratio Lower Upper
152 100
150 150.3 124.6 186.8
115 74.9 50.1 75.1



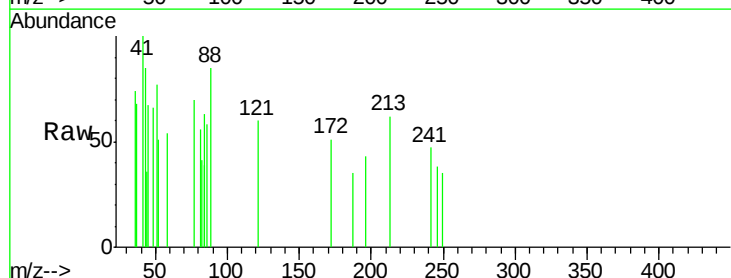
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



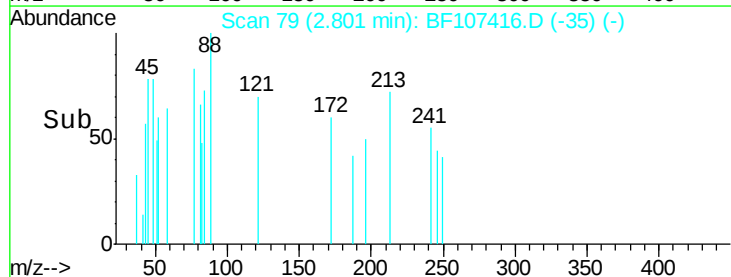
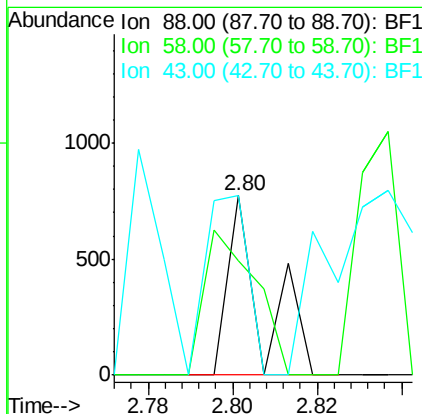
#2

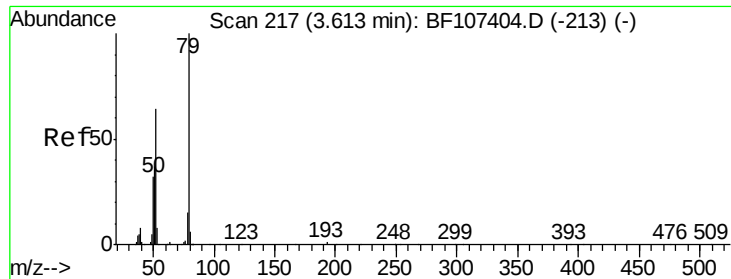
1,4-Dioxane
Concen: 0.083 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.04 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion: 88 Resp: 444
Ion Ratio Lower Upper
88 100
58 118.5 62.6 93.8#
43 121.4 24.6 37.0#



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





#3

Pyridine

Concen: 0.025 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

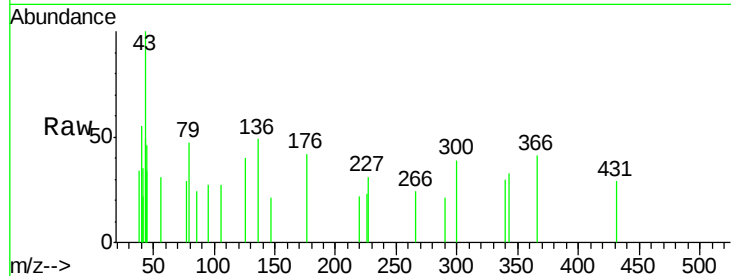
Tgt Ion: 79 Resp: 358

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

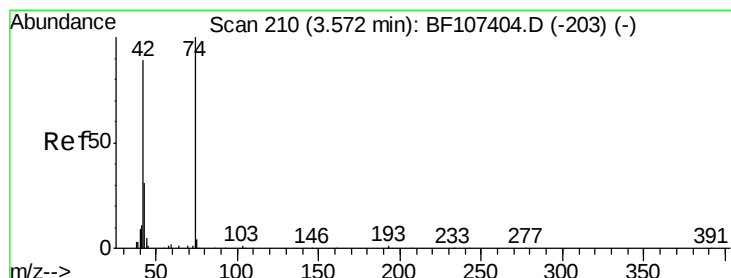
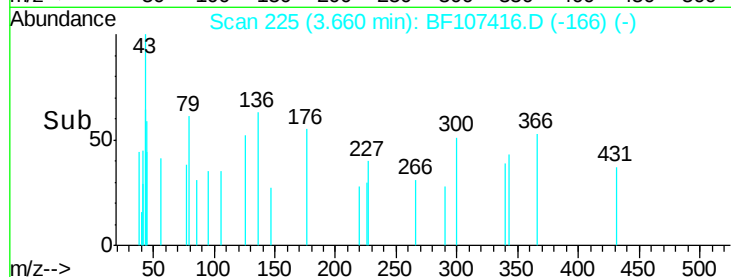
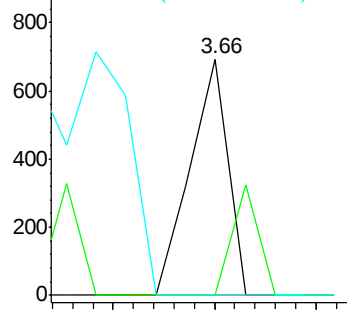
51 0.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.097 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.04 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

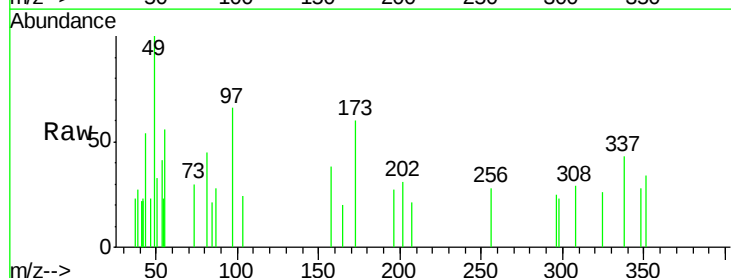
Tgt Ion: 42 Resp: 575

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

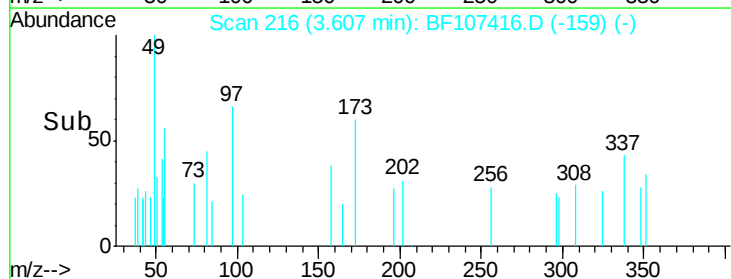
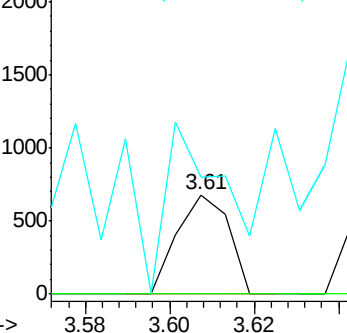
44 118.5 6.9 10.3#

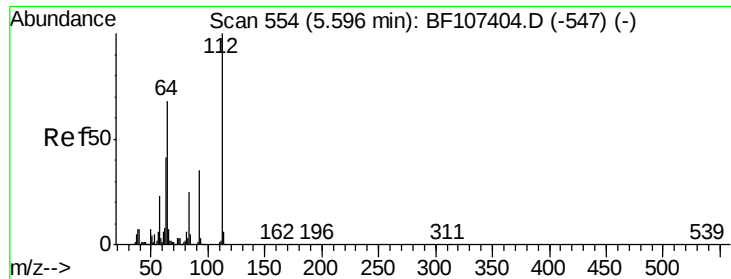


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.917 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

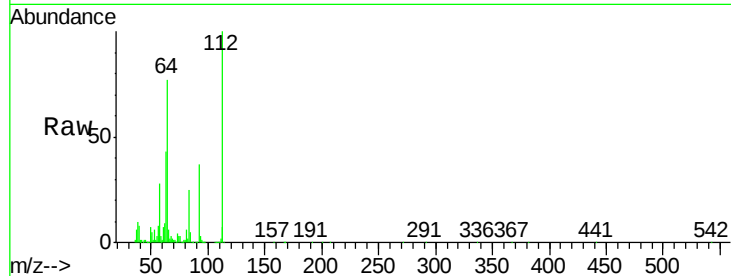
Tgt Ion: 112 Resp: 911820

Ion Ratio Lower Upper

112 100

64 76.7 47.9 71.9#

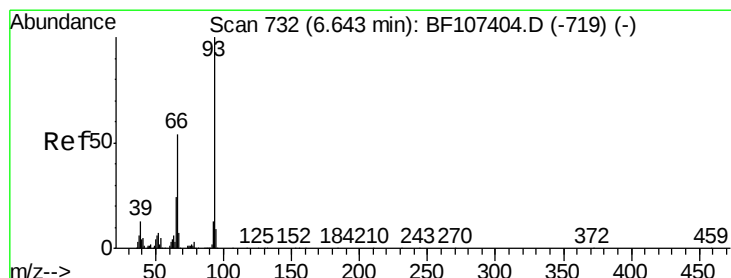
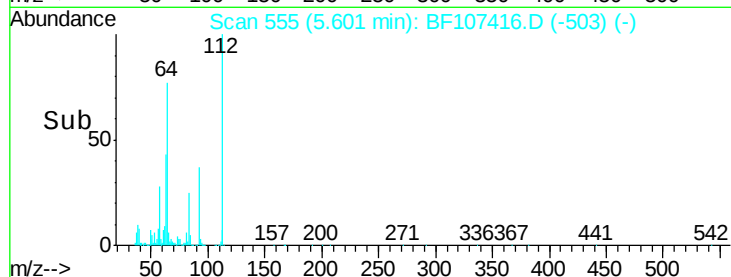
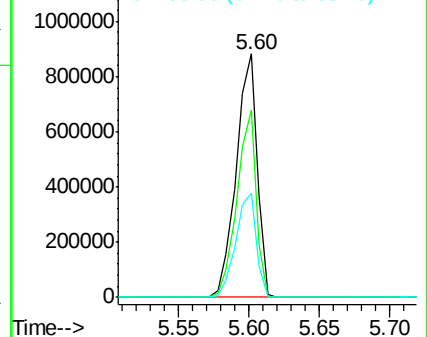
63 42.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.054 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.04 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

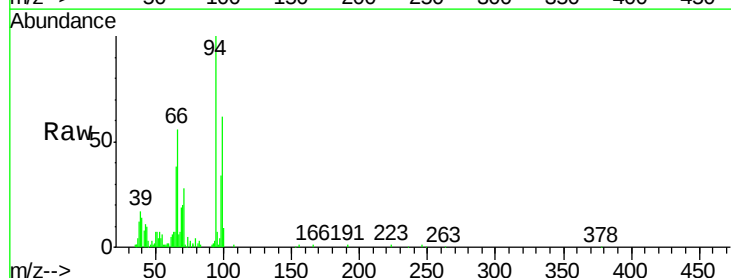
Tgt Ion: 93 Resp: 1004

Ion Ratio Lower Upper

93 100

66 1877.6 32.2 48.2#

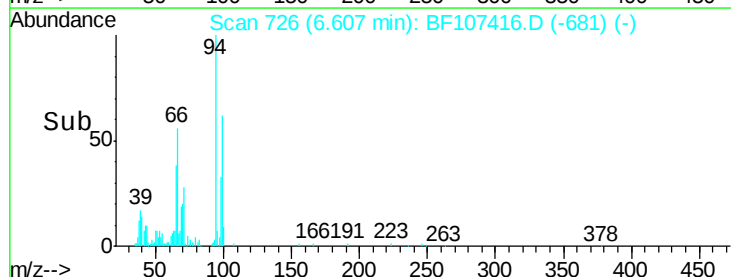
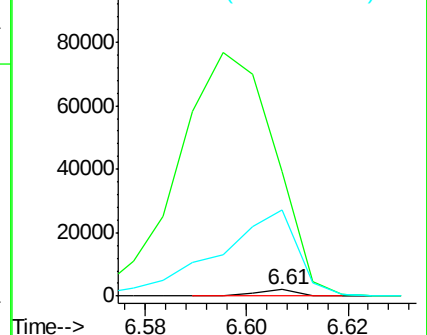
65 1292.0 16.4 24.6#

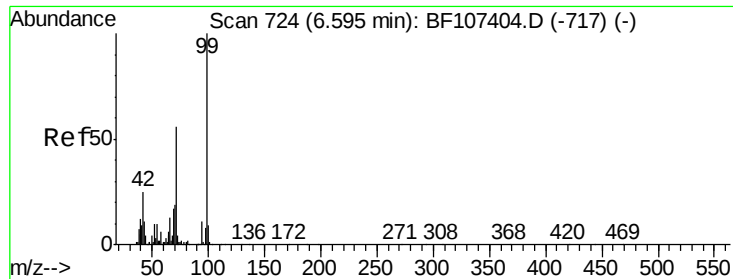


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.570 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

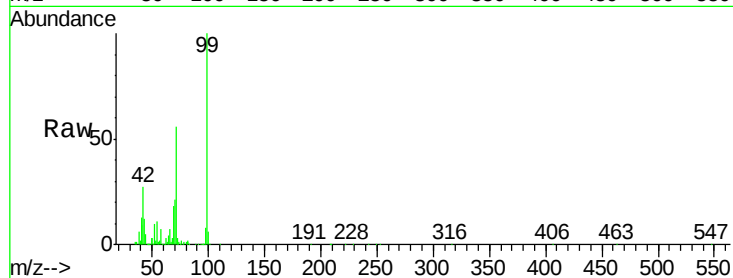
Tgt Ion: 99 Resp: 1188046

Ion Ratio Lower Upper

99 100

42 26.8 14.5 21.7#

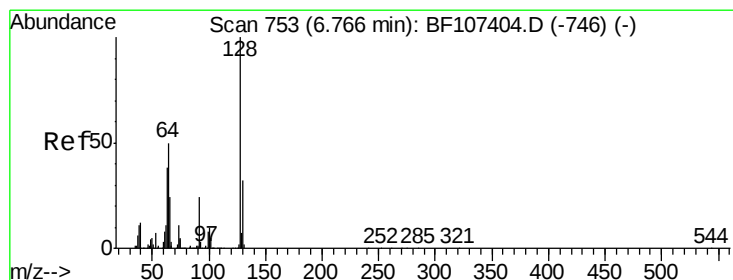
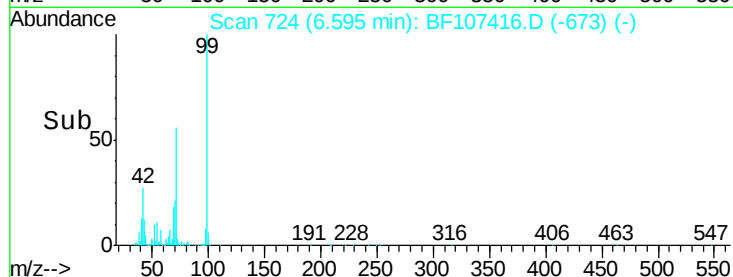
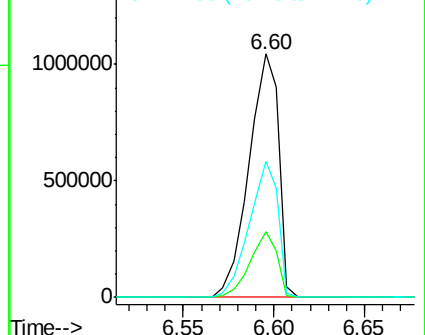
71 55.9 25.4 38.0#



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: 0.036 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

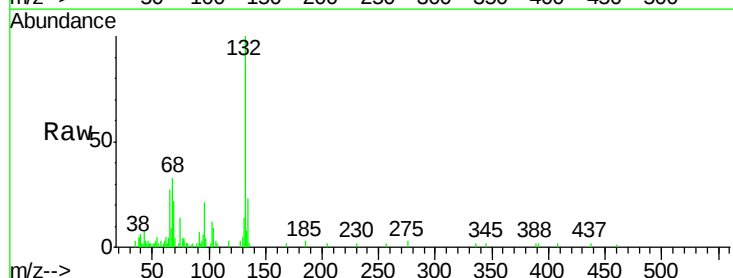
Tgt Ion: 128 Resp: 395

Ion Ratio Lower Upper

128 100

130 188.5 13.0 53.0#

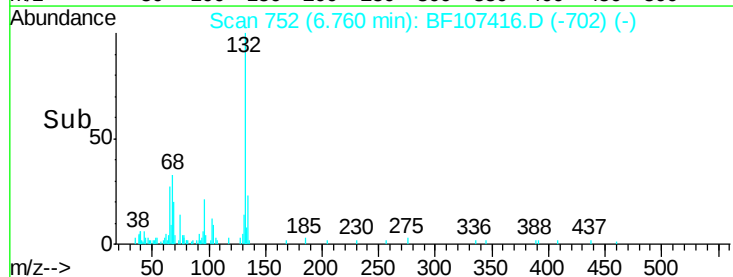
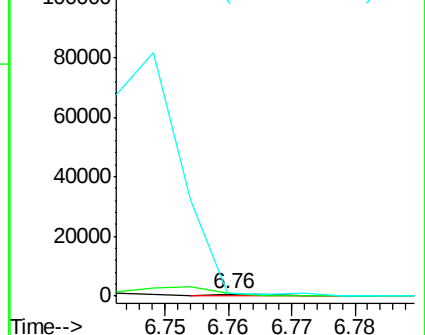
64 165.4 29.4 69.4#

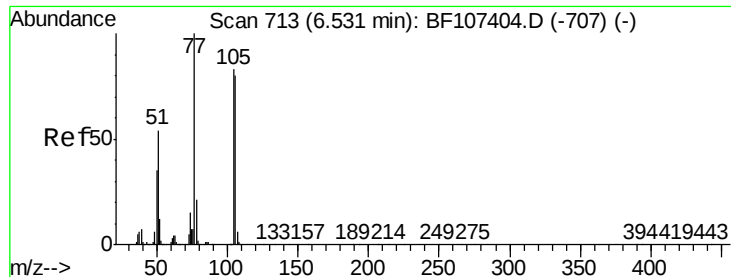


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.192 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.08 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

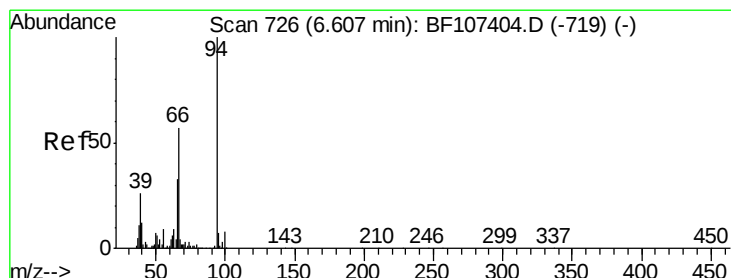
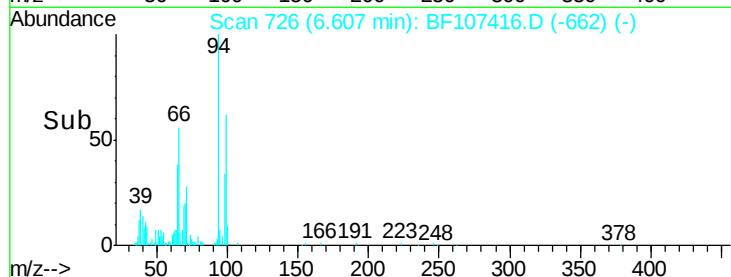
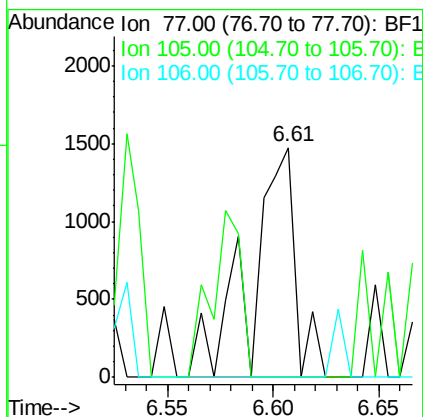
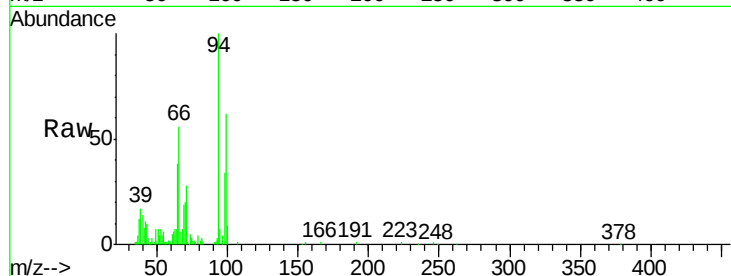
Tgt Ion: 77 Resp: 2170

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

106 0.0 74.5 114.5#



#10

Phenol

Concen: 2.545 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

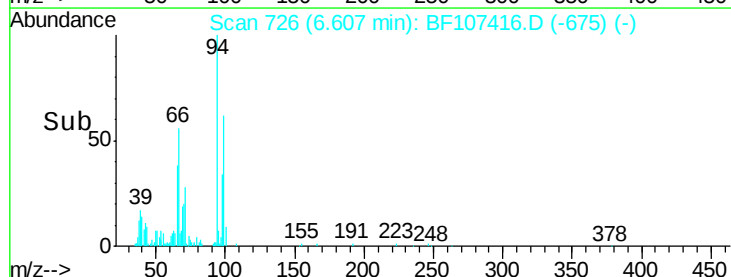
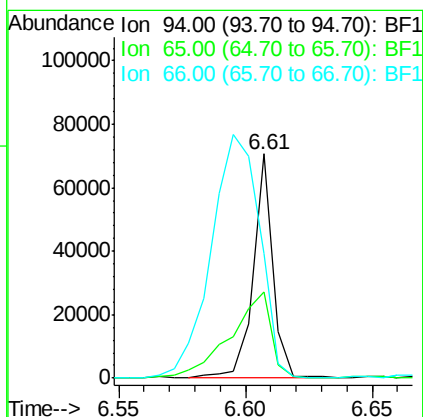
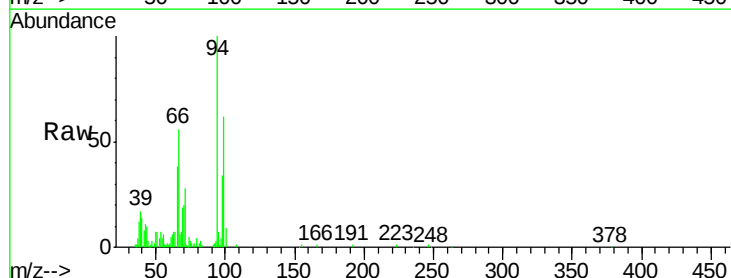
Tgt Ion: 94 Resp: 38332

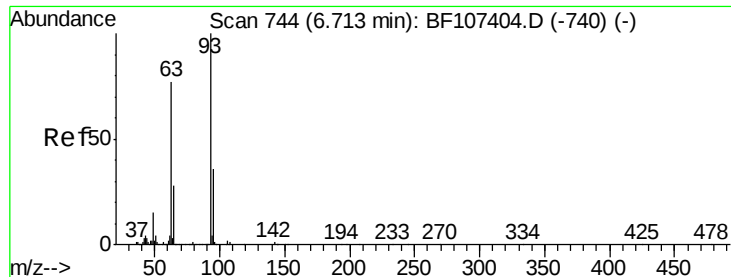
Ion Ratio Lower Upper

94 100

65 38.4 7.9 47.9

66 55.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 0.043 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

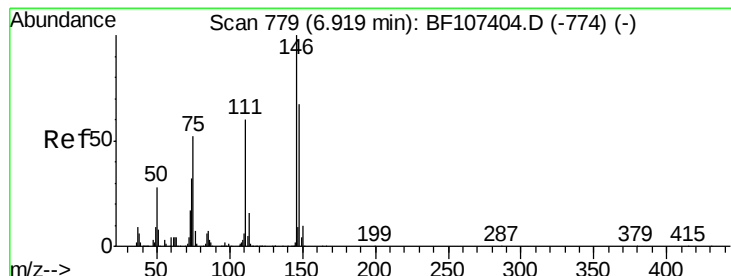
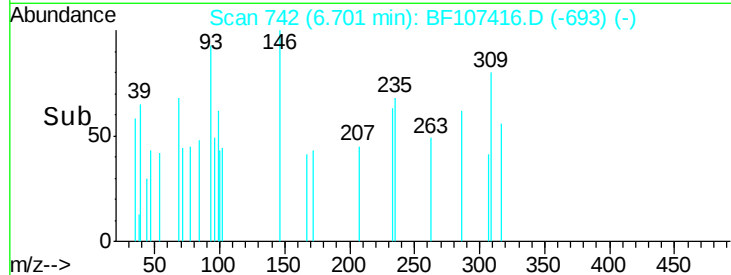
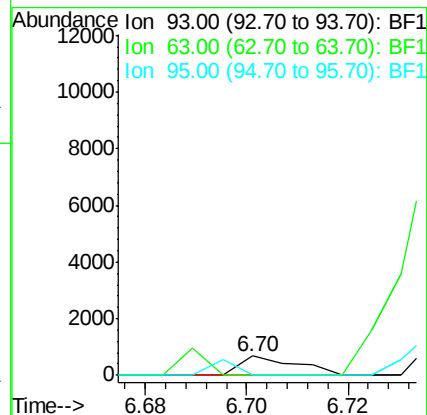
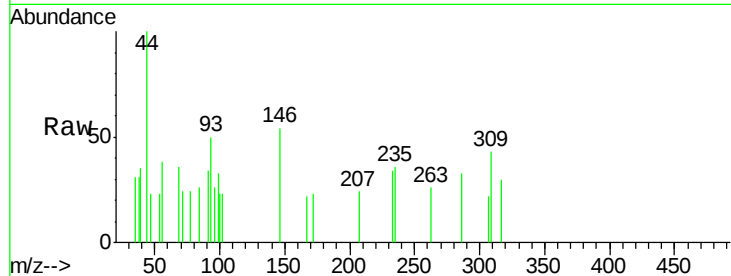
Tgt Ion: 93 Resp: 525

Ion Ratio Lower Upper

93 100

63 0.0 58.6 98.6#

95 0.0 11.8 51.8#



#12

1,3-Dichlorobenzene

Concen: 0.020 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.22 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

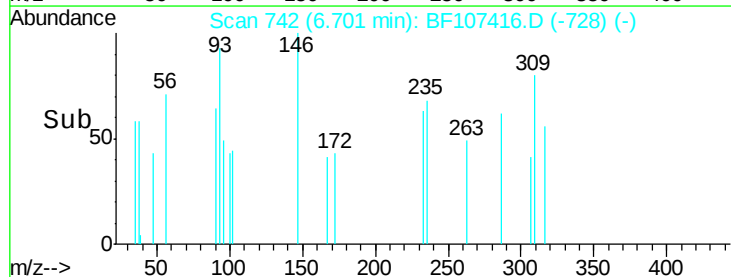
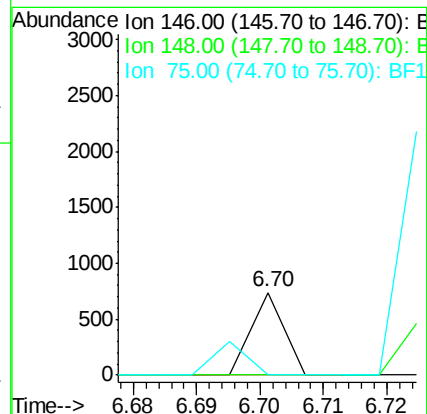
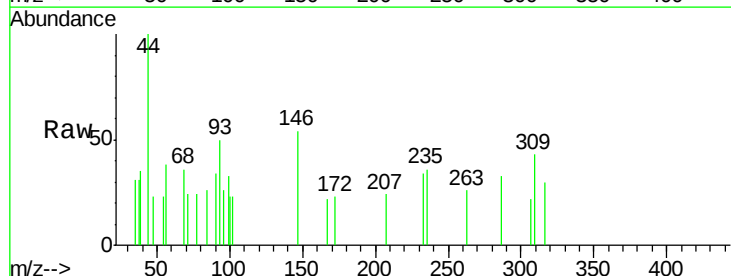
Tgt Ion: 146 Resp: 262

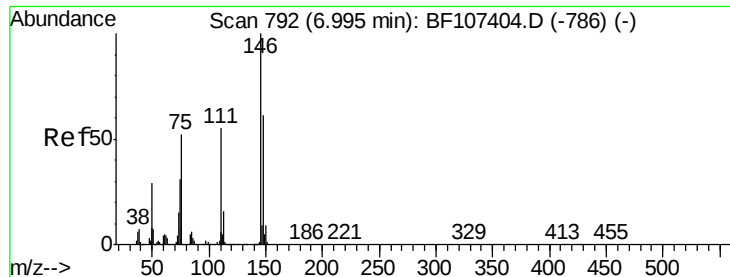
Ion Ratio Lower Upper

146 100

148 0.0 51.8 77.8#

75 0.0 24.2 36.4#





#13

1,4-Dichlorobenzene

Concen: 0.095 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.15 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

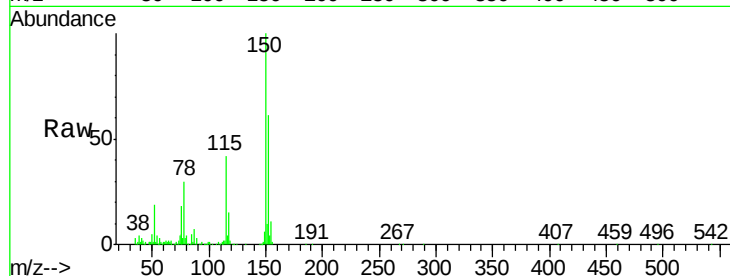
Tgt Ion:146 Resp: 1252

Ion Ratio Lower Upper

146 100

148 152.3 50.8 76.2#

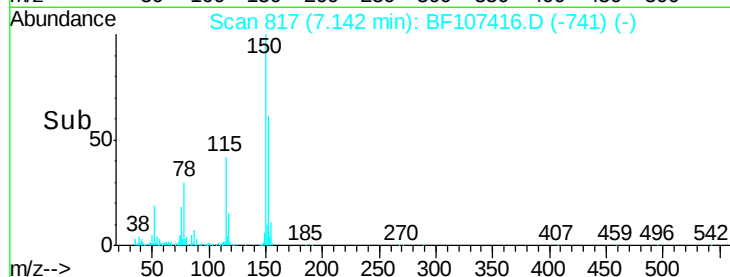
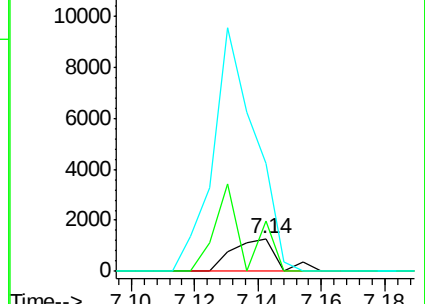
111 328.6 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.101 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

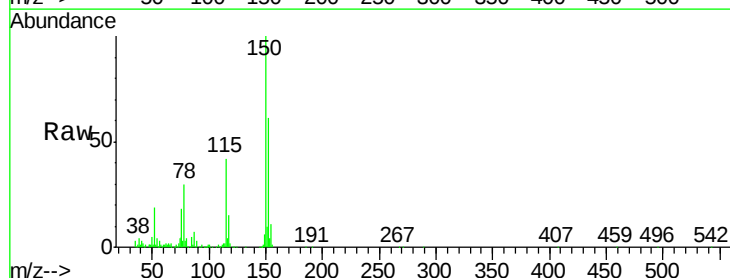
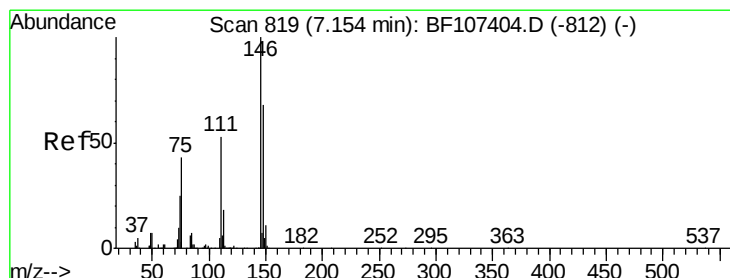
Tgt Ion:146 Resp: 1252

Ion Ratio Lower Upper

146 100

148 152.3 50.6 75.8#

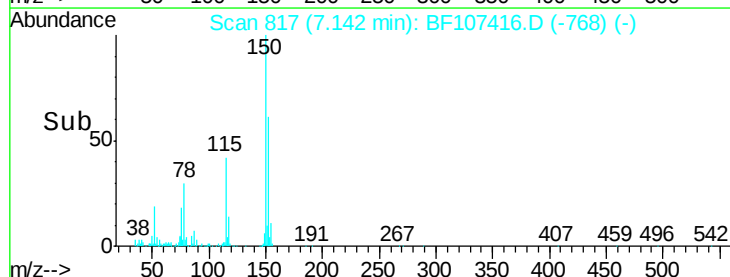
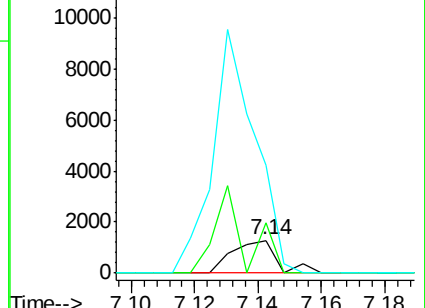
111 328.6 36.0 54.0#

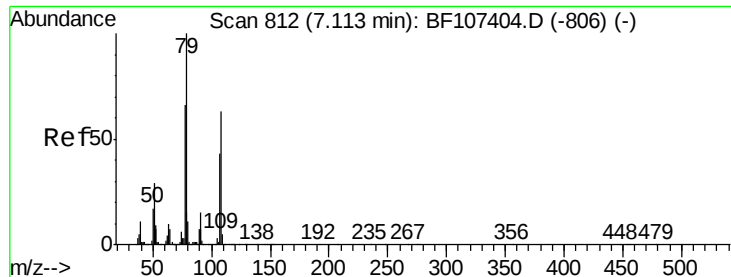


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.405 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

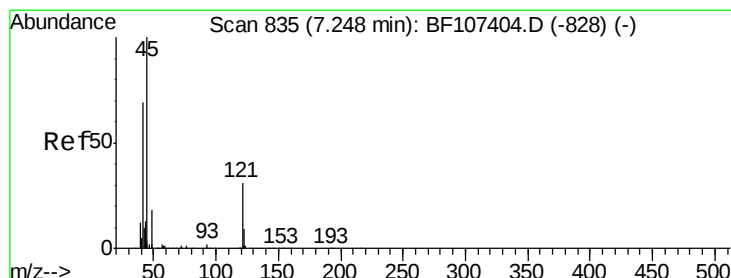
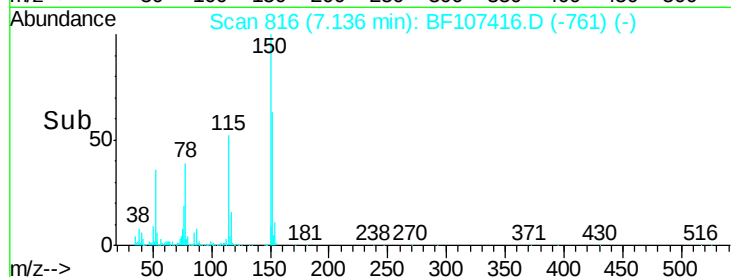
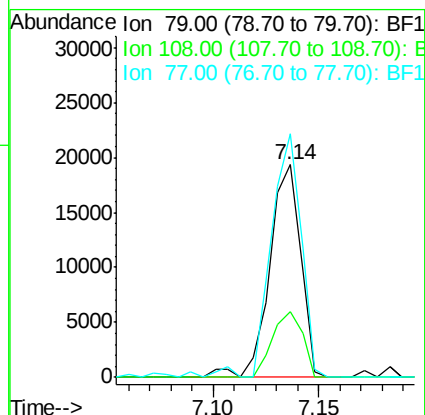
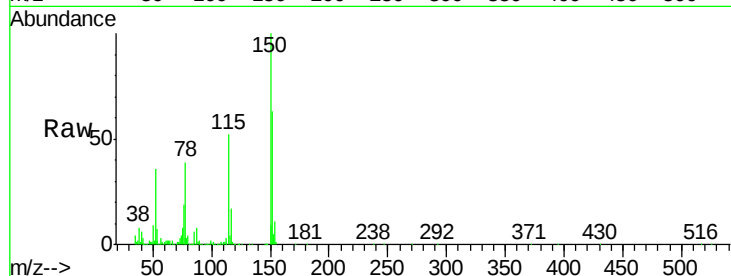
Tgt Ion: 79 Resp: 19824

Ion Ratio Lower Upper

79 100

108 31.2 65.1 97.7#

77 114.7 50.6 75.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.044 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

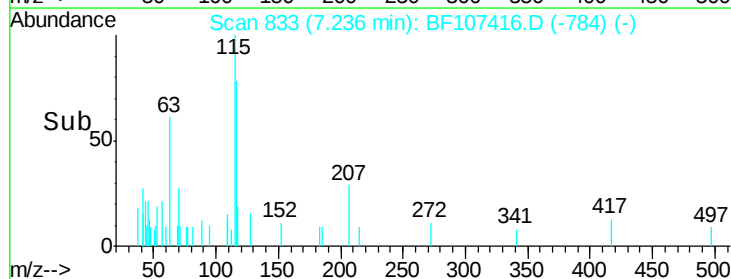
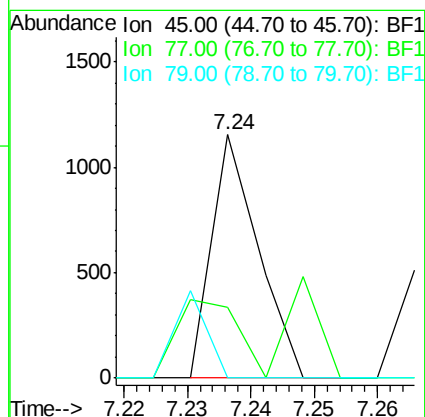
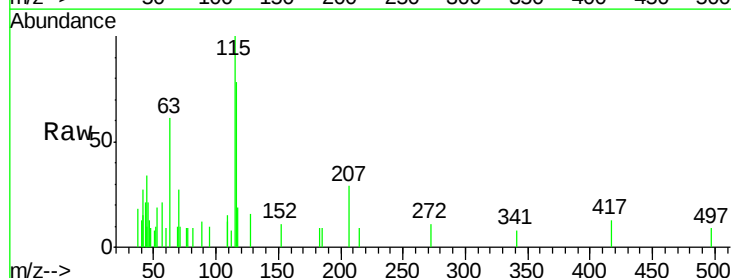
Tgt Ion: 45 Resp: 580

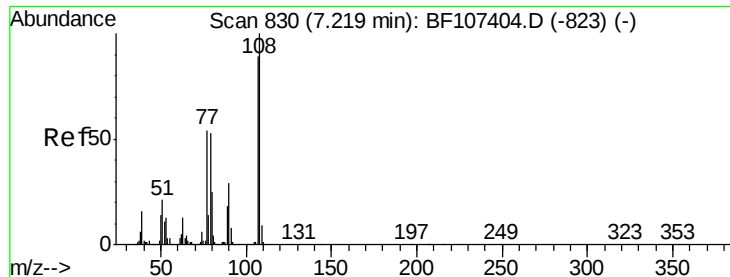
Ion Ratio Lower Upper

45 100

77 29.3 0.0 32.9

79 0.0 0.0 29.6

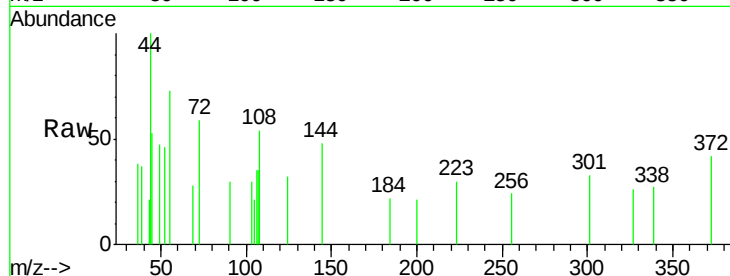




#17
2-Methylphenol
Concen: 0.029 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
BU-02-071218

Tgt Ion	Ratio	Lower	Upper
107	100		
108	156.7	91.7	137.5#
77	0.0	33.8	50.8#
79	0.0	33.8	50.8#



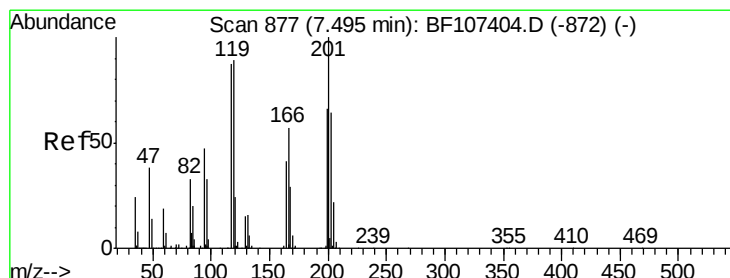
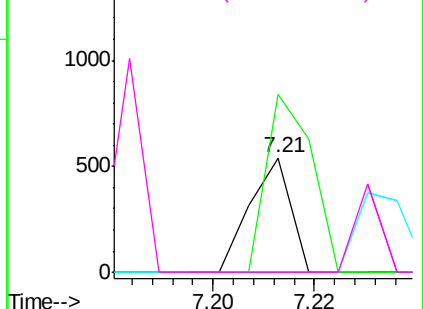
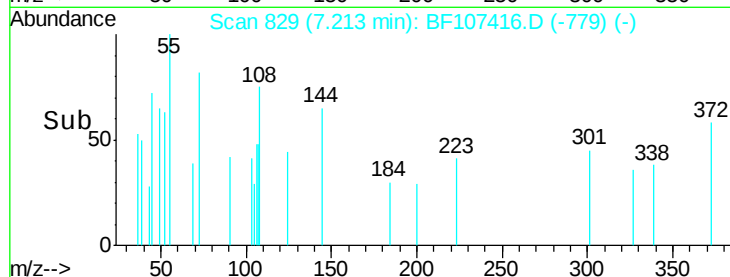
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

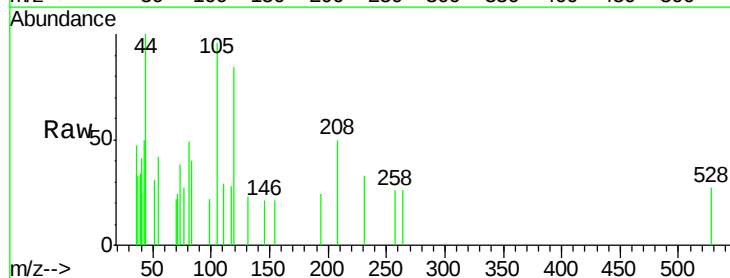
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 0.028 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	298.2	75.8	113.8#
201	0.0	75.7	113.5#

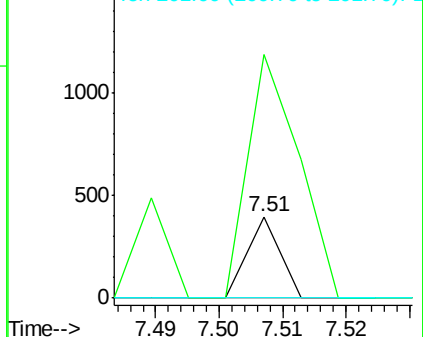
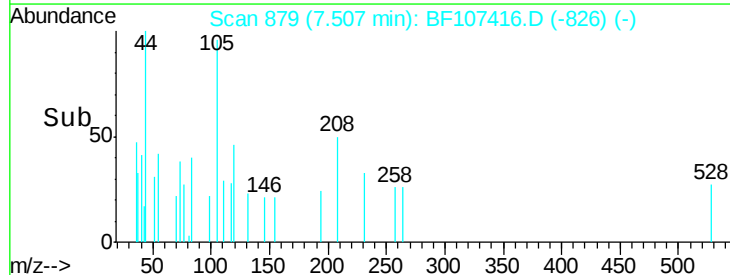


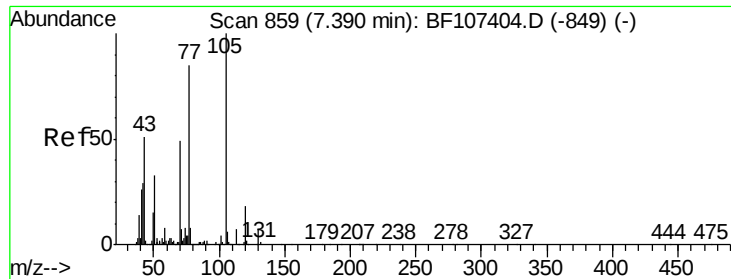
Abundance

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: 13.772 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

Tgt Ion: 70 Resp: 138521

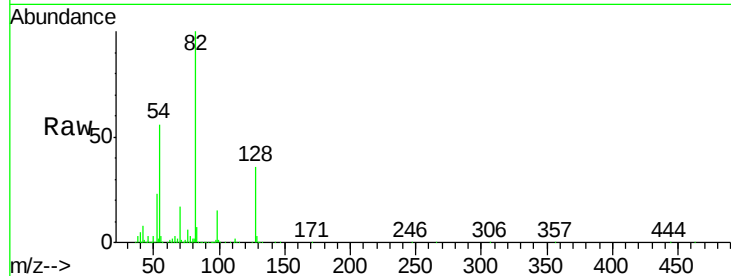
Ion Ratio Lower Upper

70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.0 16.6 25.0#

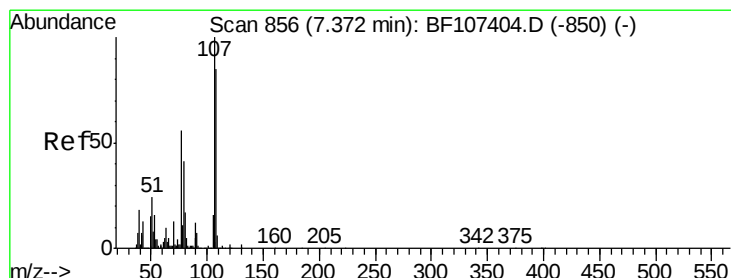
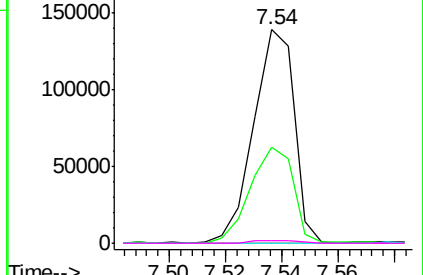
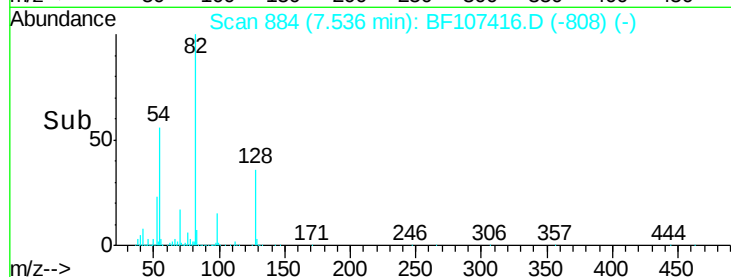


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 0.018 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Tgt Ion: 107 Resp: 239

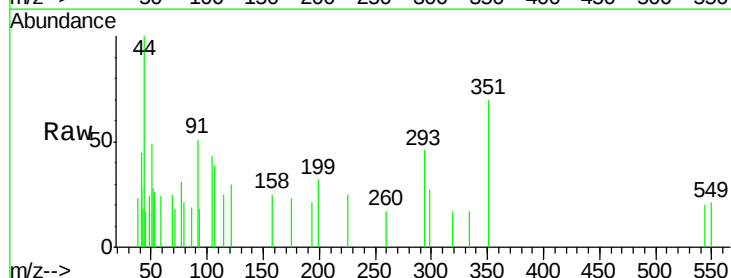
Ion Ratio Lower Upper

107 100

108 0.0 68.2 108.2#

77 80.6 26.7 66.7#

79 53.6 6.3 46.3#

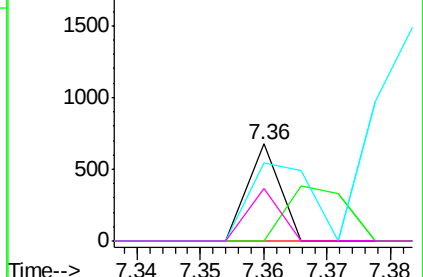
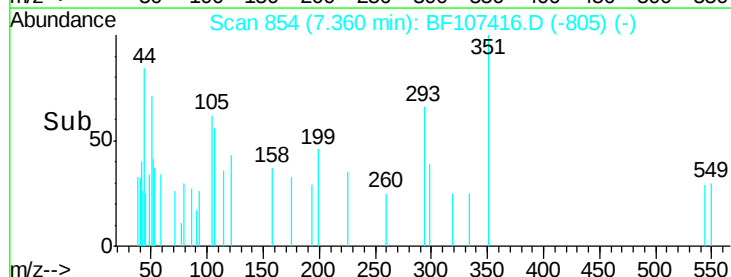


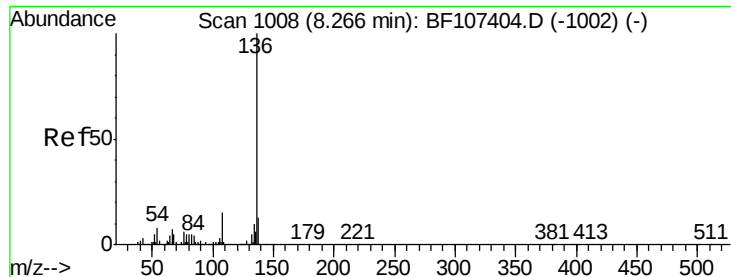
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

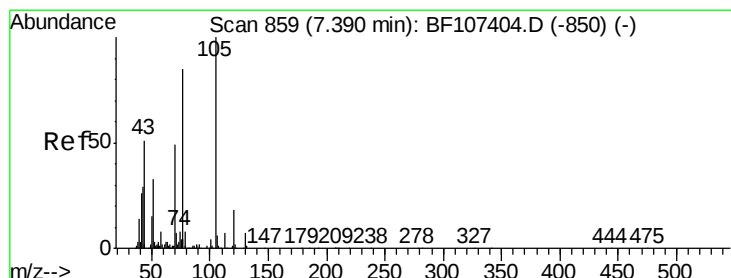
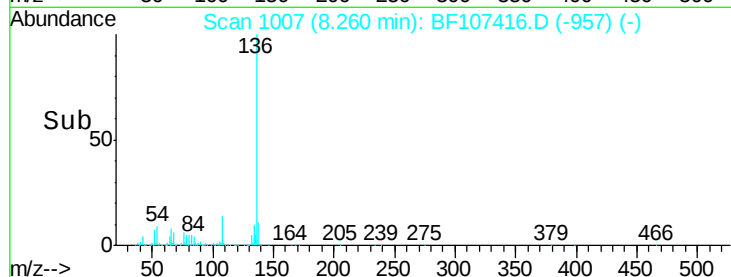
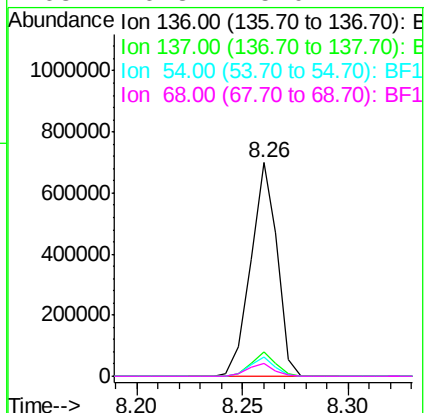
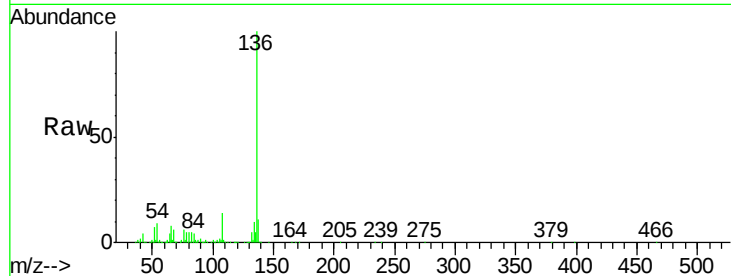




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

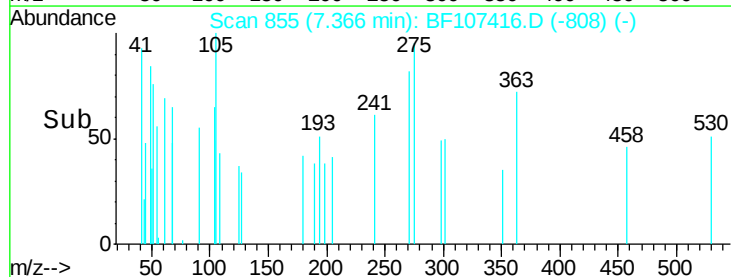
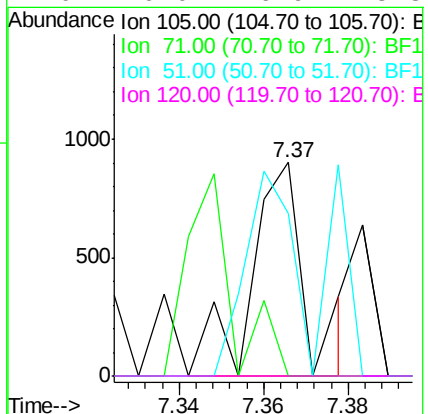
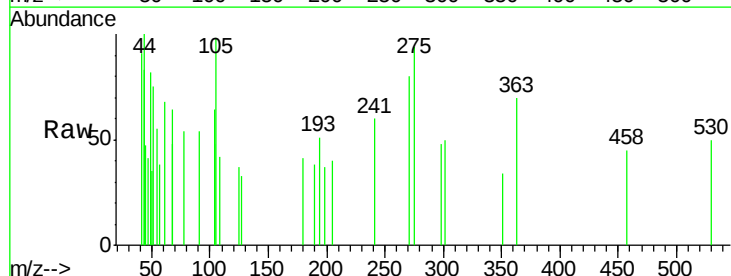
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

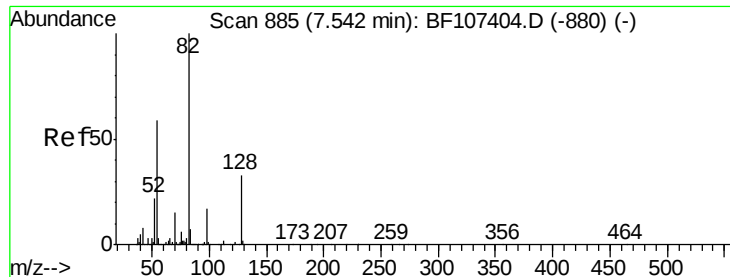
Tgt Ion:	136	Resp:	604677
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.6	9.8
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 0.049 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:	105	Resp:	811
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	75.8	22.3	33.5#
120	0.0	16.9	25.3#





#23

Nitrobenzene-d5

Concen: 74.251 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

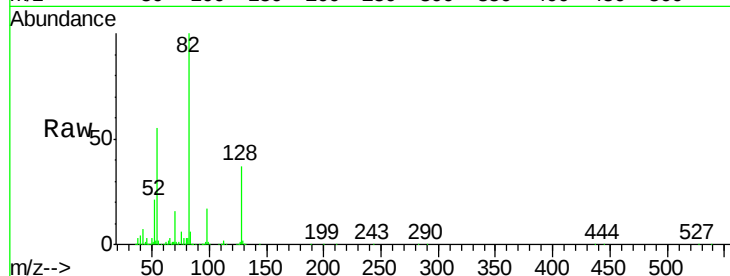
Tgt Ion: 82 Resp: 841983

Ion Ratio Lower Upper

82 100

128 36.9 36.1 54.1

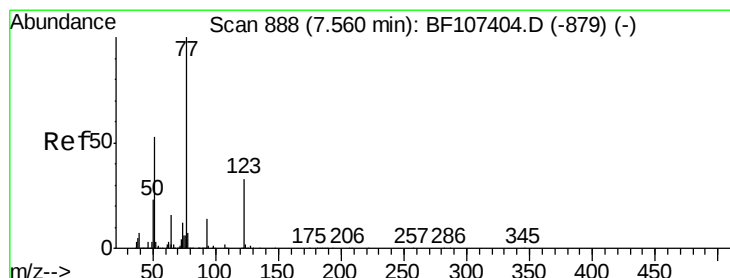
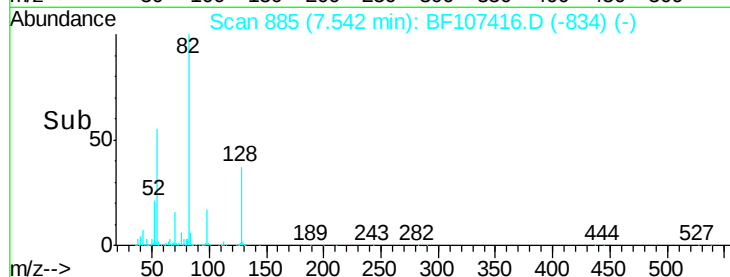
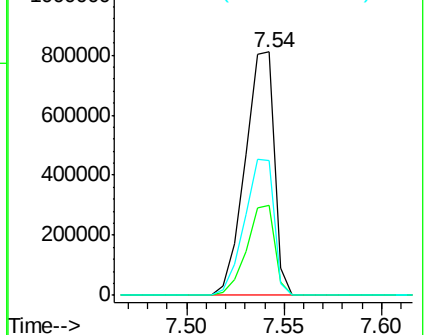
54 55.2 41.4 62.2



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: 0.326 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.03 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

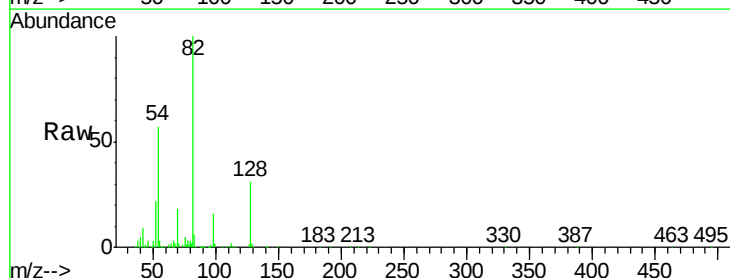
Tgt Ion: 77 Resp: 4160

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

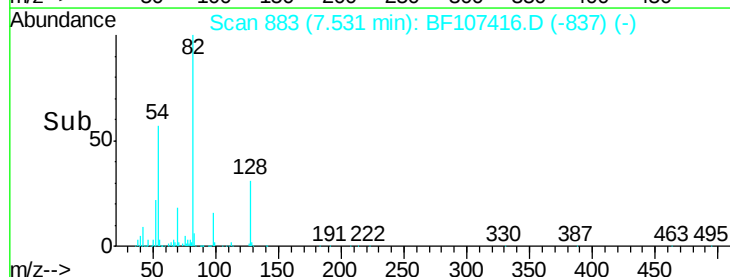
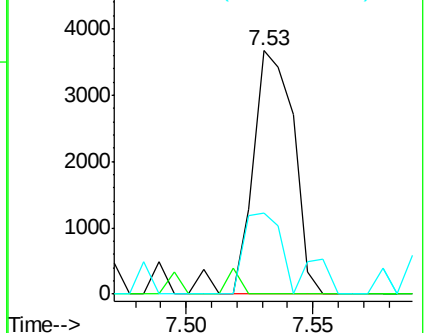
65 33.1 11.0 16.4#

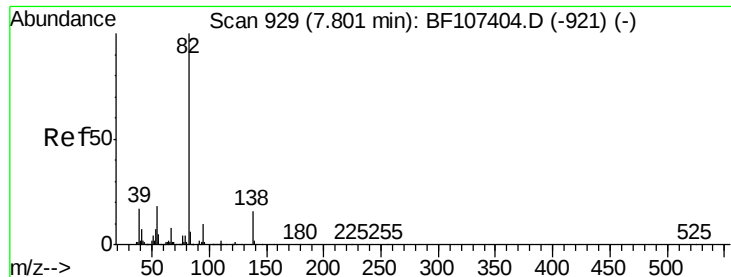


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.460 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

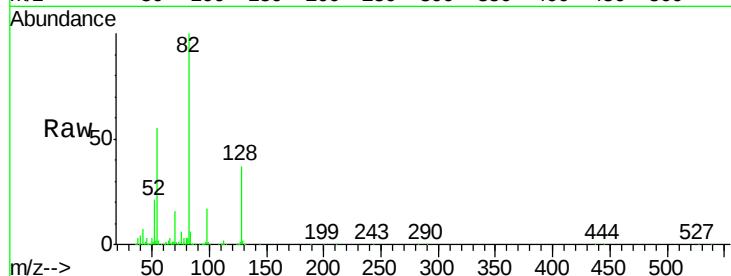
Tgt Ion: 82 Resp: 841968

Ion Ratio Lower Upper

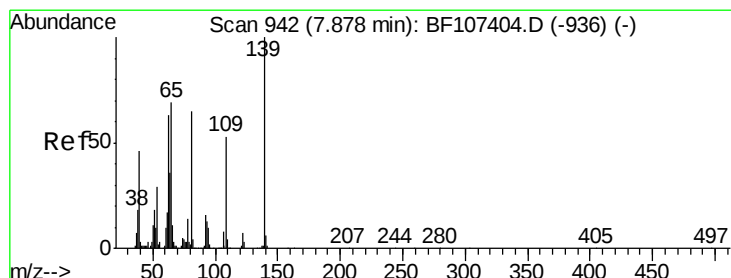
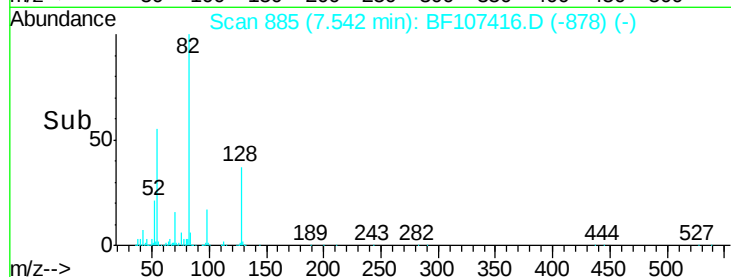
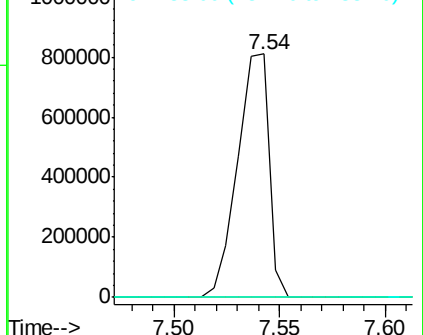
82 100

95 0.1 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: 0.035 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

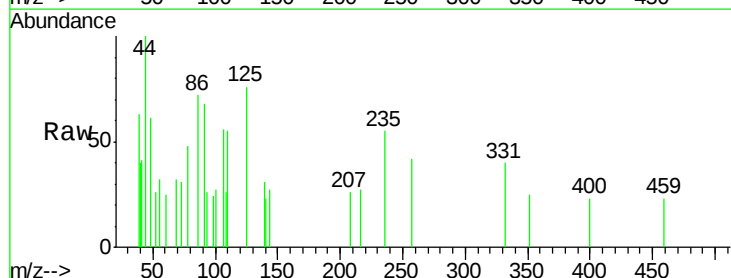
Tgt Ion: 139 Resp: 151

Ion Ratio Lower Upper

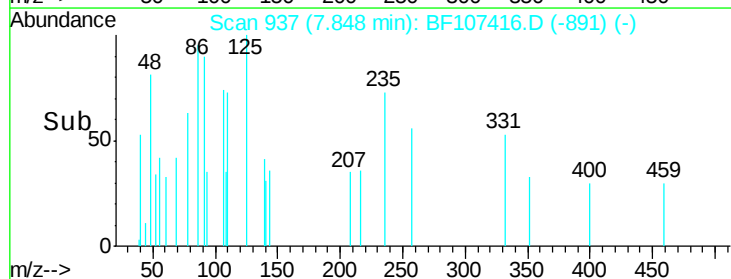
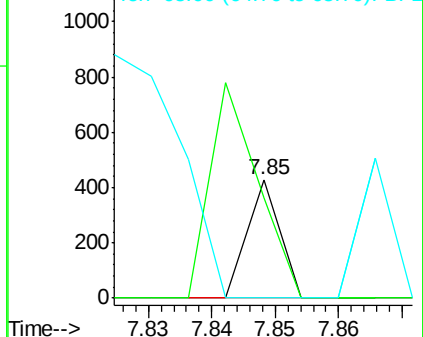
139 100

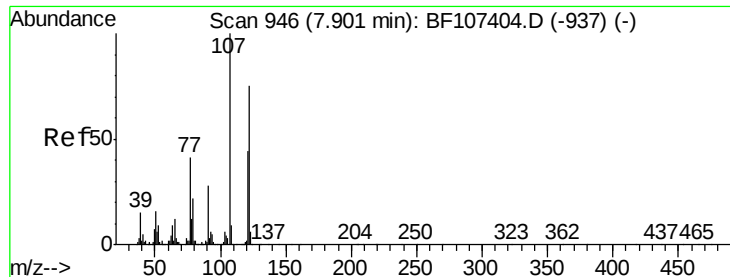
109 84.1 22.7 34.1#

65 0.0 40.5 60.7#



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





#27

2,4-Dimethylphenol

Concen: 0.013 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

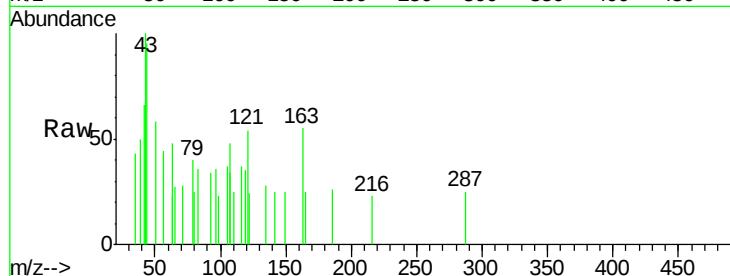
Tgt Ion:122 Resp: 116

Ion Ratio Lower Upper

122 100

107 143.6 91.2 136.8#

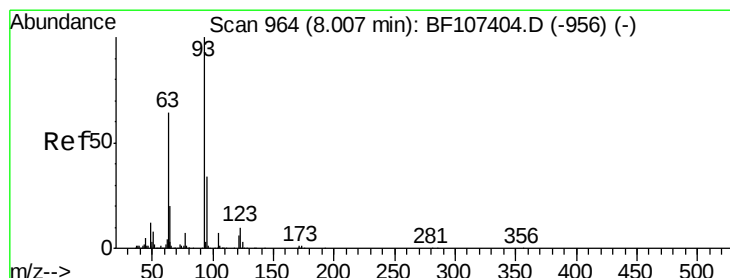
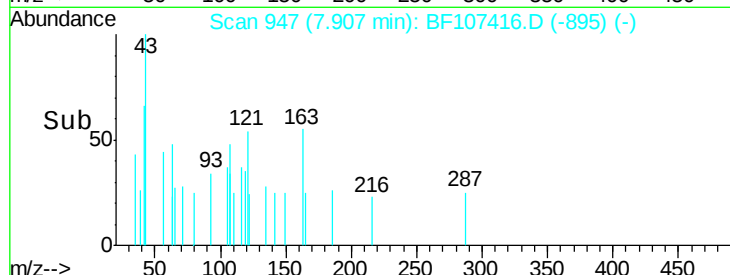
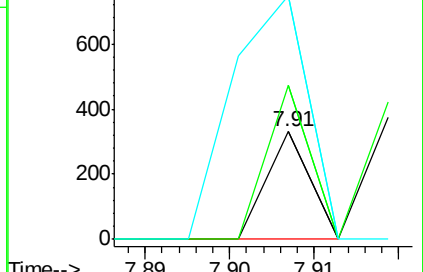
121 226.4 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.016 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

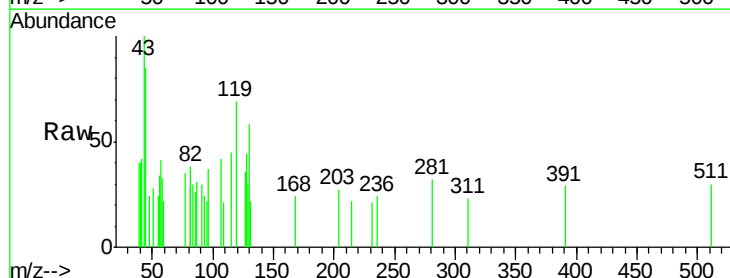
Tgt Ion: 93 Resp: 229

Ion Ratio Lower Upper

93 100

95 94.5 26.3 39.5#

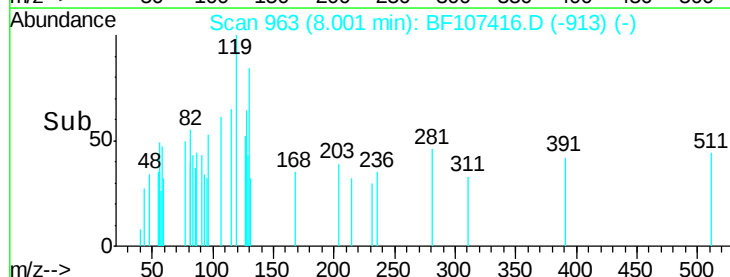
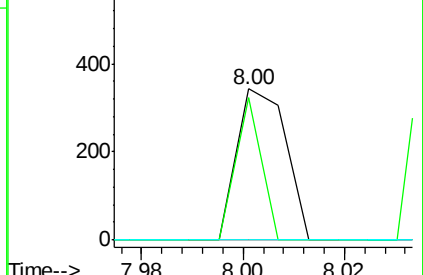
123 0.0 9.8 14.6#

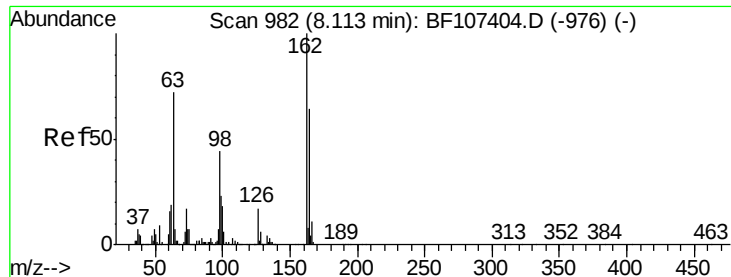


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

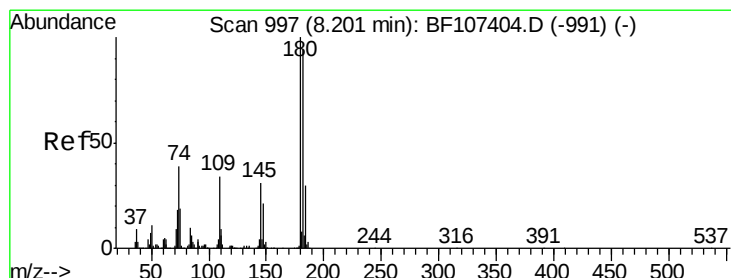
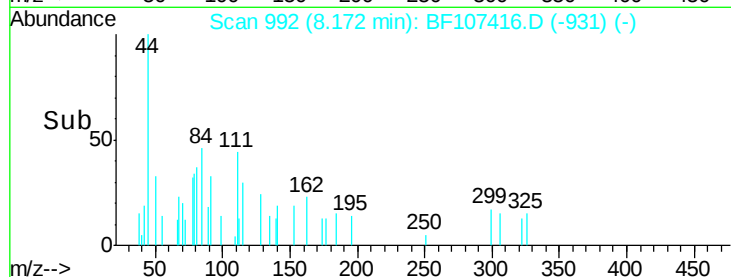
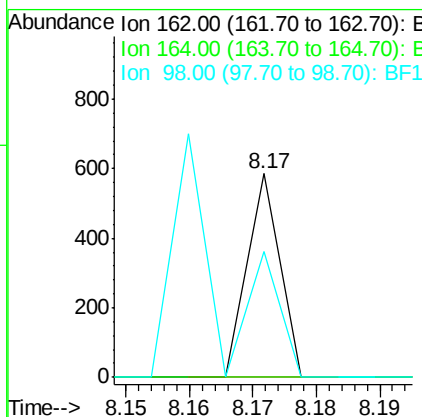
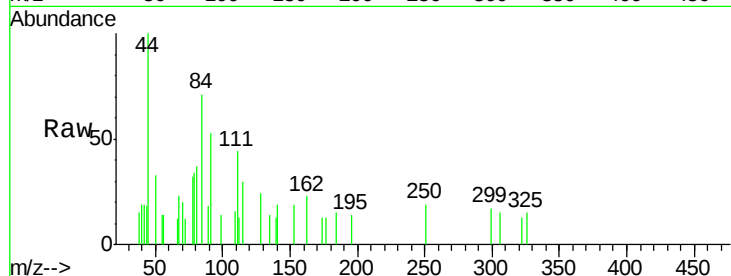




#29
2,4-Dichlorophenol
Concen: 0.022 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.06 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

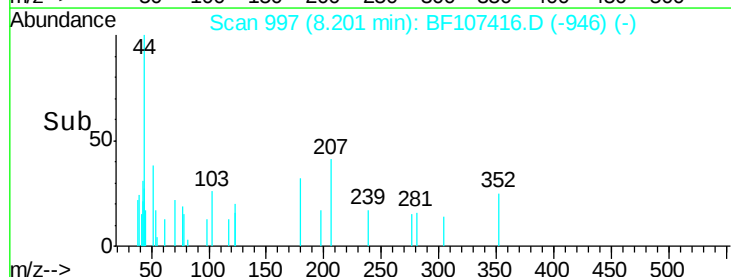
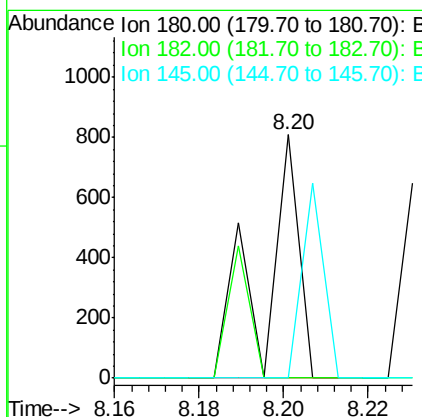
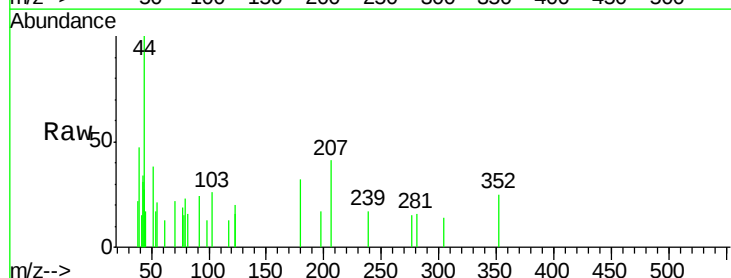
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

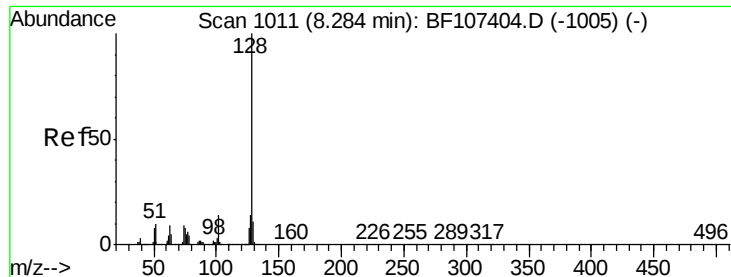
Tgt Ion:162 Resp: 206
Ion Ratio Lower Upper
162 100
164 0.0 42.7 82.7#
98 61.9 18.1 58.1#



#30
1,2,4-Trichlorobenzene
Concen: 0.041 ng
RT: 8.20 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:180 Resp: 468
Ion Ratio Lower Upper
180 100
182 0.0 76.8 115.2#
145 0.0 26.5 39.7#

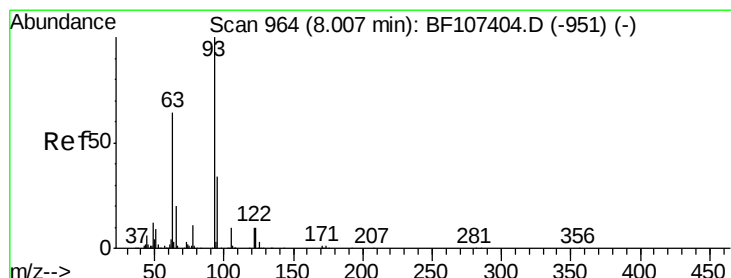
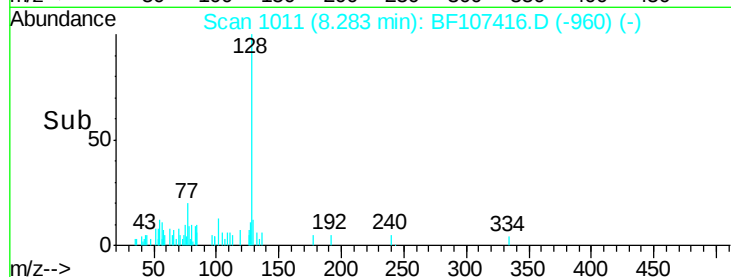
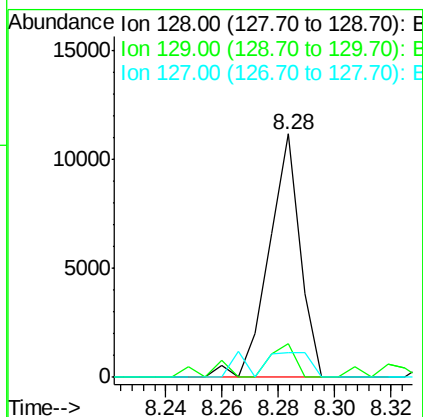
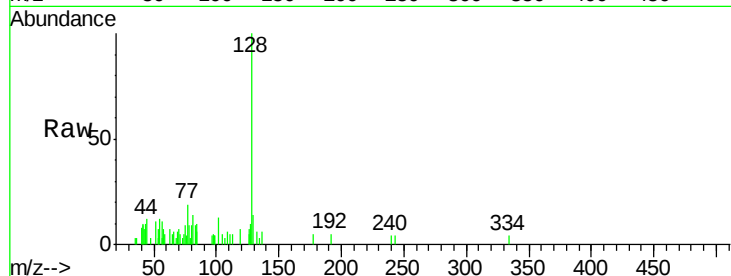




#31
Naphthalene
Concen: 0.291 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

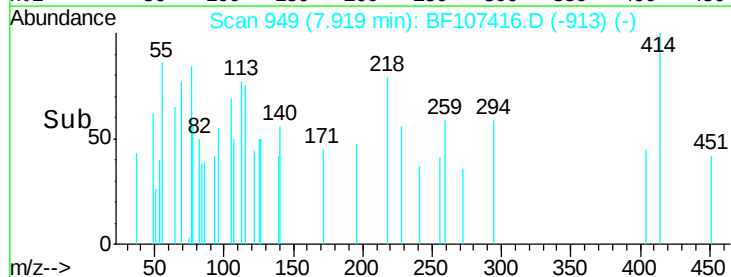
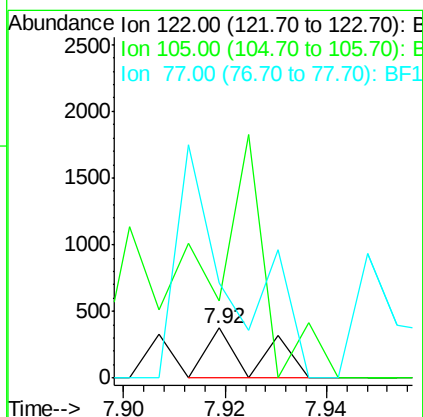
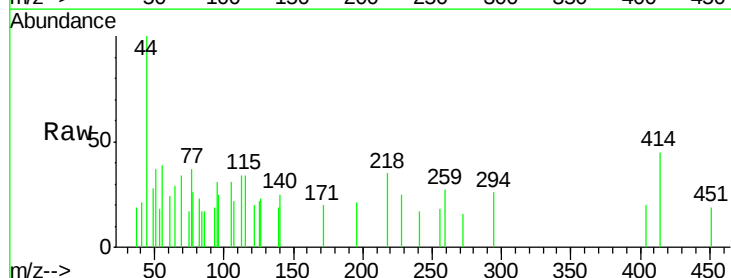
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

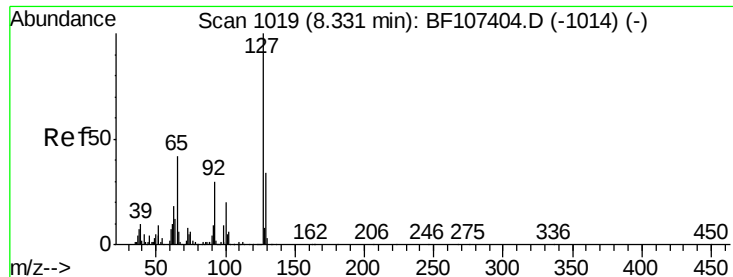
Tgt Ion:128 Resp: 8540
Ion Ratio Lower Upper
128 100
129 14.0 8.8 13.2#
127 10.3 10.9 16.3#



#32
Benzoic acid
Concen: 0.044 ng
RT: 7.92 min Scan# 949
Delta R.T. -0.09 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:122 Resp: 245
Ion Ratio Lower Upper
122 100
105 156.3 101.1 141.1#
77 190.1 70.7 110.7#

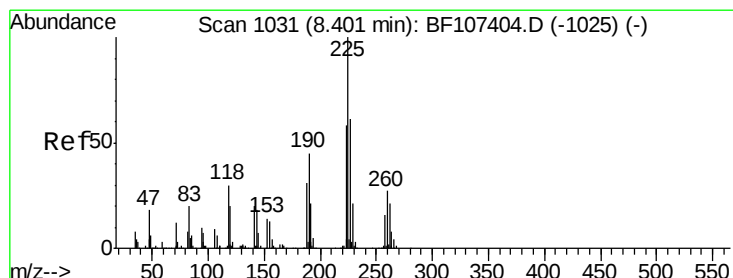
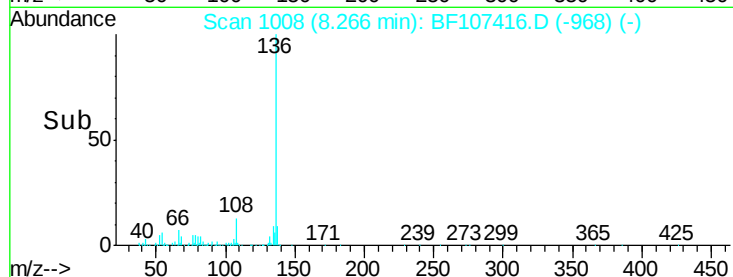
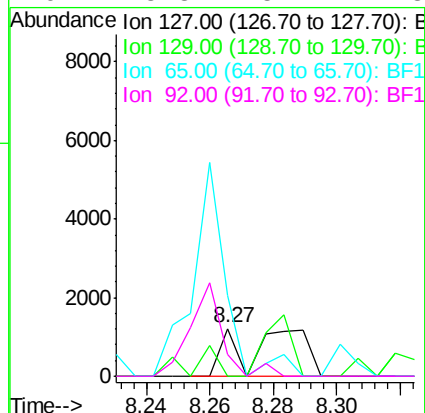
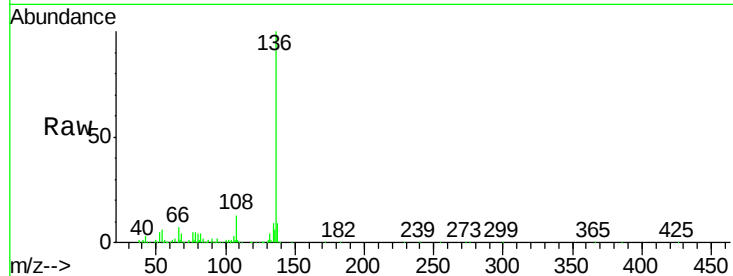




#33
4-Chloroaniline
Concen: 0.128 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

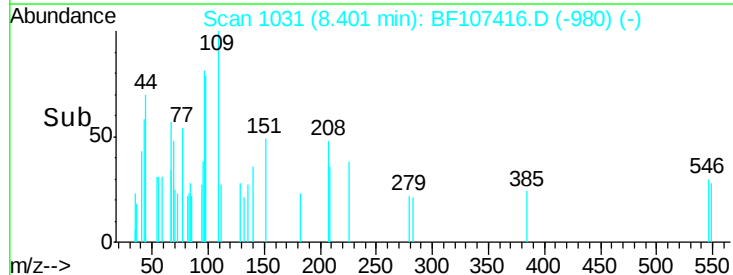
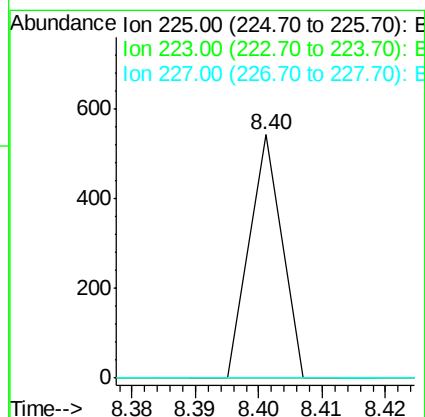
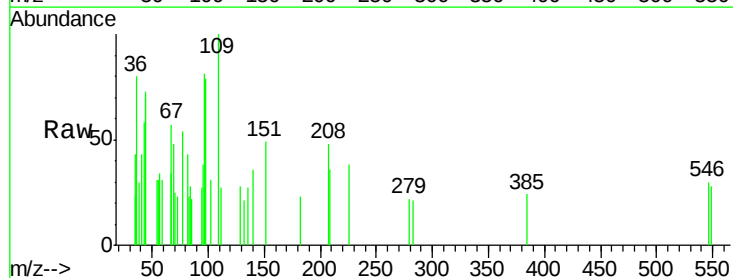
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

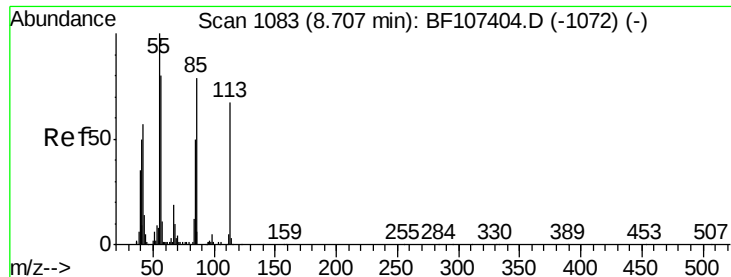
Tgt Ion:	127	Resp:	1629
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	170.9	25.0	37.4#
92	45.8	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 0.025 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:	225	Resp:	192
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	51.9	77.9#

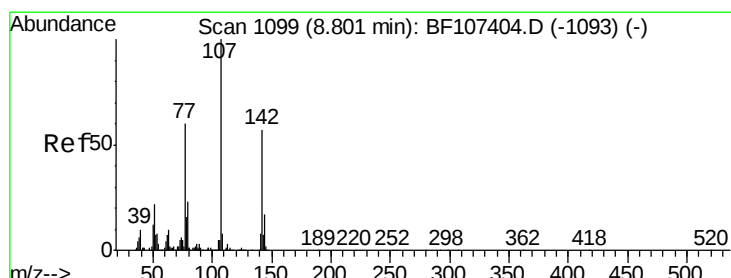
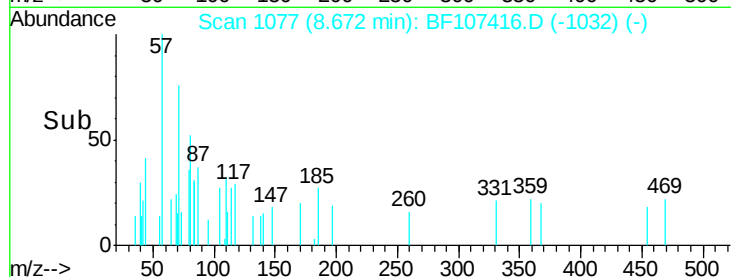
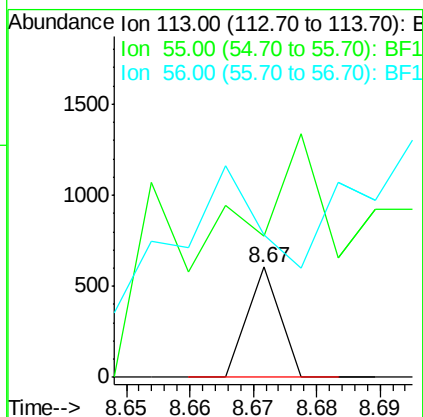
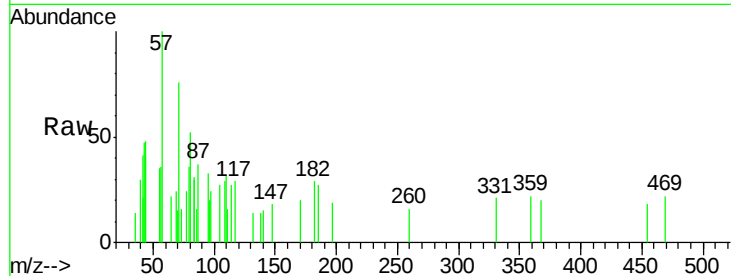




#35
 Caprolactam
 Concen: 0.070 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

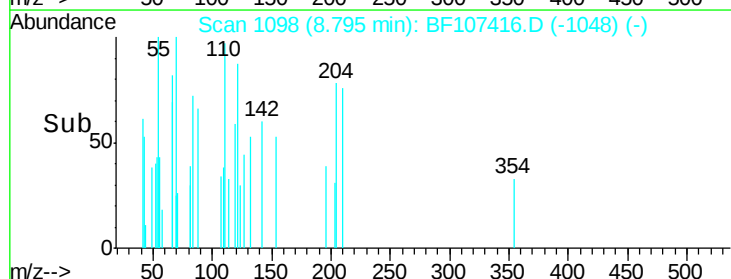
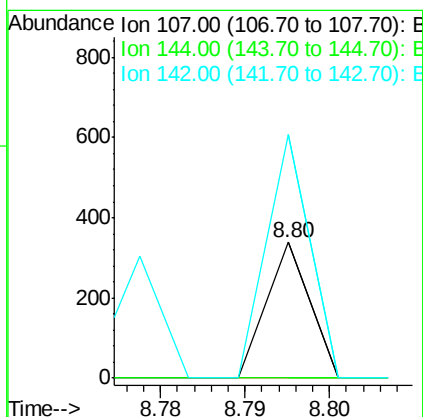
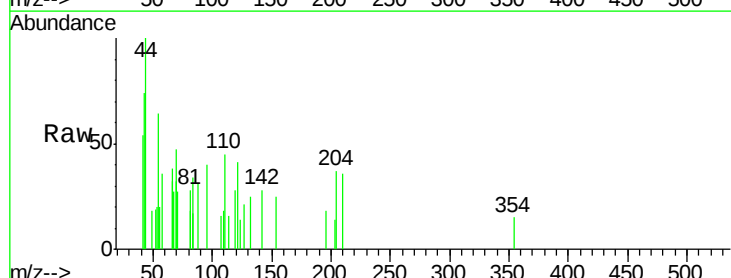
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-071218

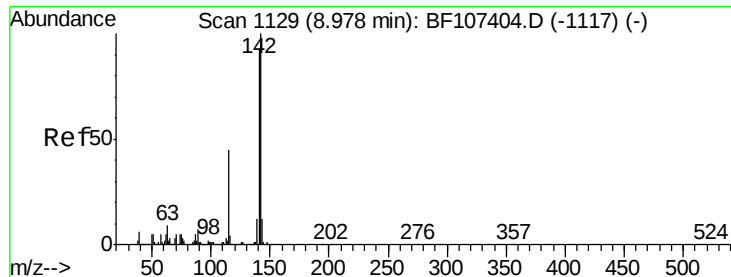
Tgt Ion:113 Resp: 213
 Ion Ratio Lower Upper
 113 100
 55 128.1 163.3 203.3#
 56 129.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 0.010 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

Tgt Ion:107 Resp: 120
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 179.1 62.0 93.0#





#37

2-Methylnaphthalene

Concen: 0.381 ng

RT: 8.97 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

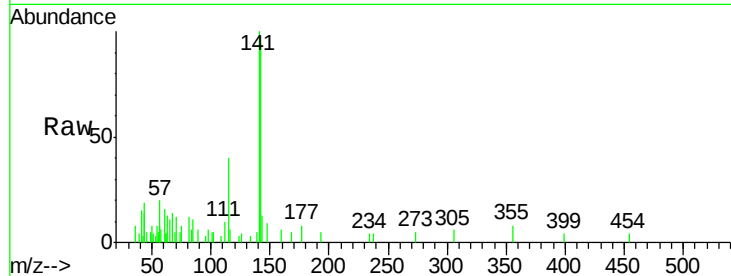
Tgt Ion:142 Resp: 7367

Ion Ratio Lower Upper

142 100

141 106.6 70.8 106.2#

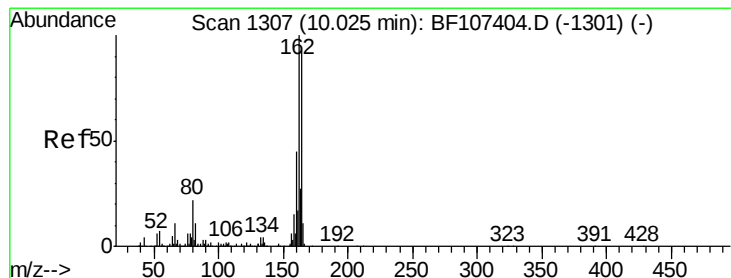
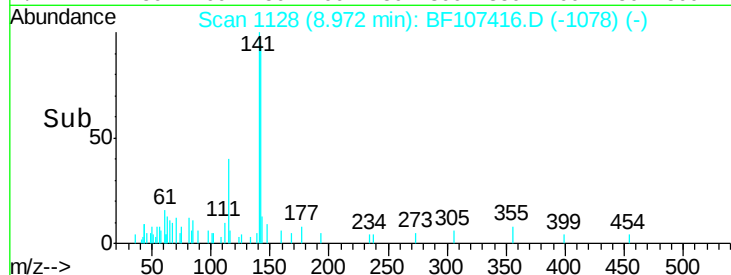
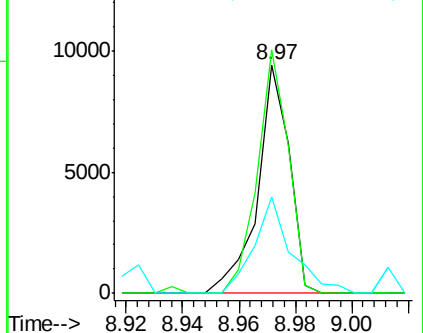
115 42.1 26.1 39.1#



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# 1306

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

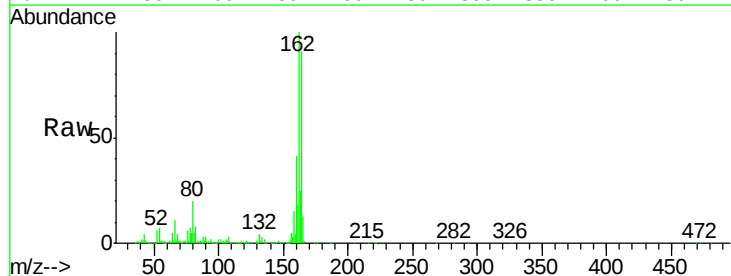
Tgt Ion:164 Resp: 286803

Ion Ratio Lower Upper

164 100

162 109.6 86.1 129.1

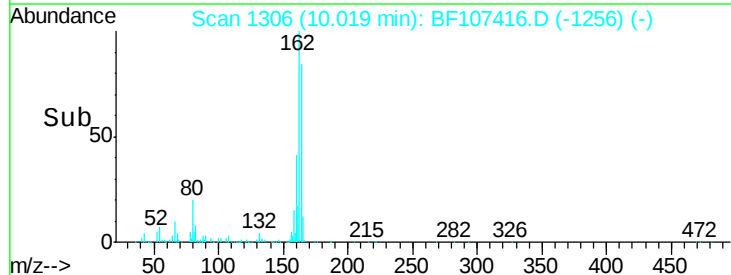
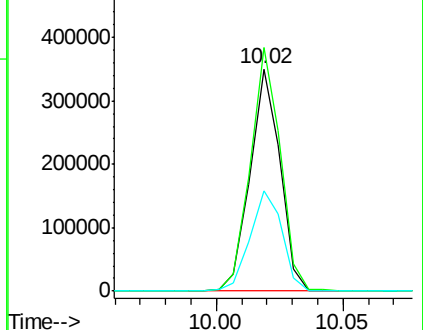
160 45.4 38.3 57.5

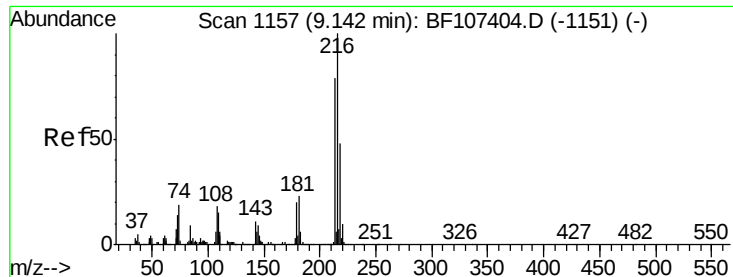


Abundance Ion 164.00 (163.70 to 164.70): E

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: 0.012 ng

RT: 9.07 min Scan# 1145

Delta R.T. -0.07 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

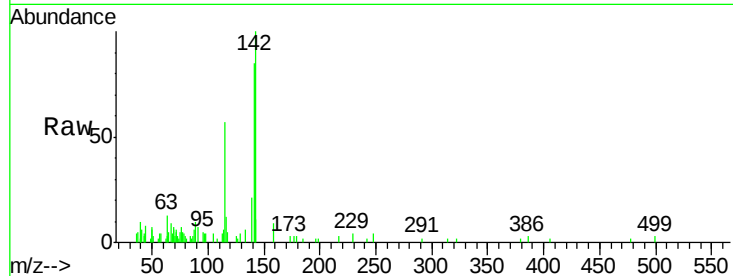
Instrument :

BNA_F

ClientSampleId :

BU-02-071218

Tgt Ion:	216	Resp:	137
Ion Ratio	Lower	Upper	
216	100		
214	0.0	63.0	94.4#
179	130.7	18.1	27.1#
108	0.0	17.2	25.8#

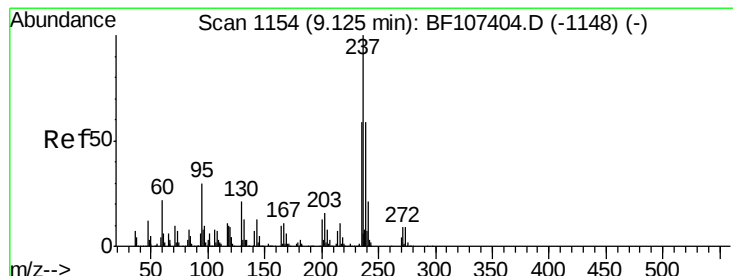
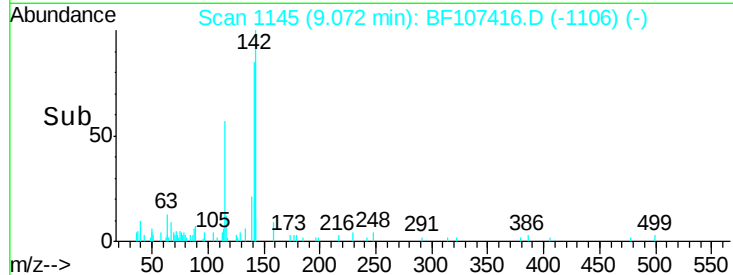
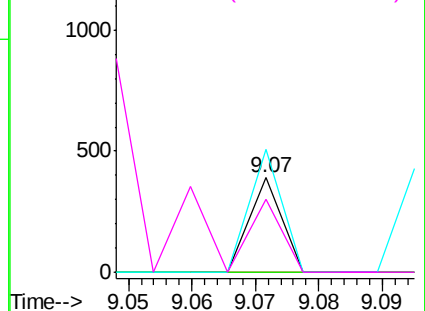


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.022 ng

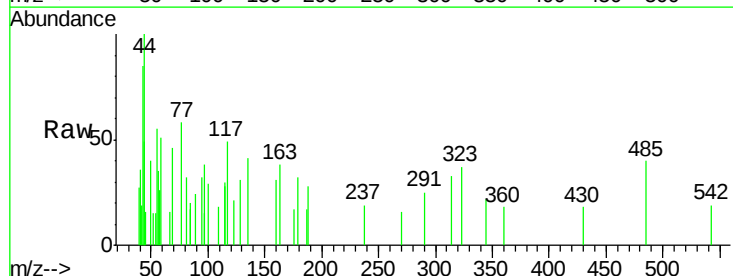
RT: 9.10 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

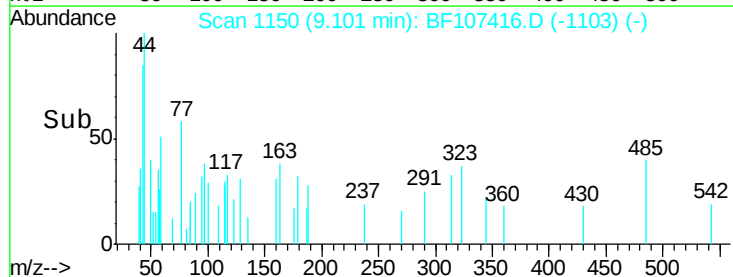
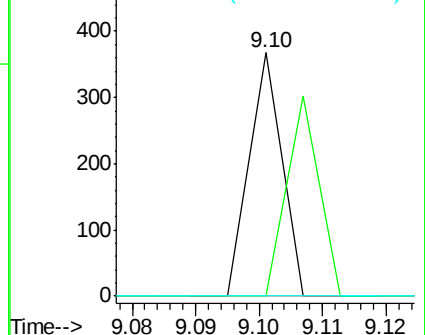
Tgt Ion:	237	Resp:	130
Ion Ratio	Lower	Upper	
237	100		
235	0.0	44.8	84.8#
272	0.0	0.0	33.3

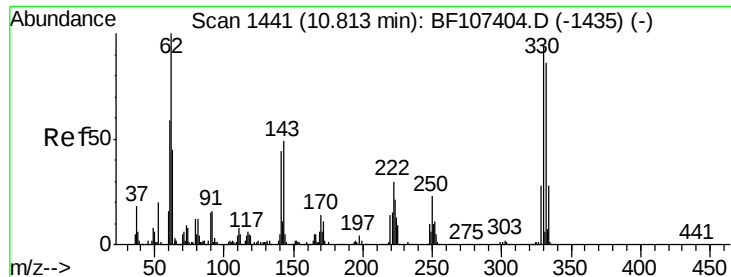


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

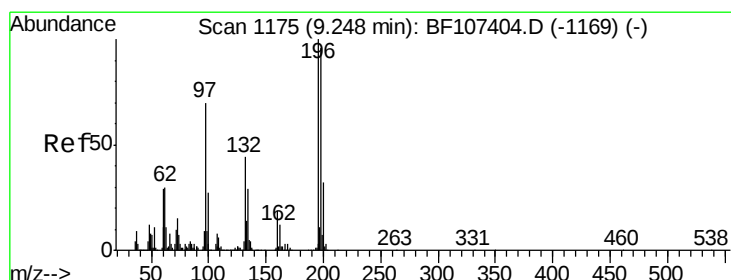
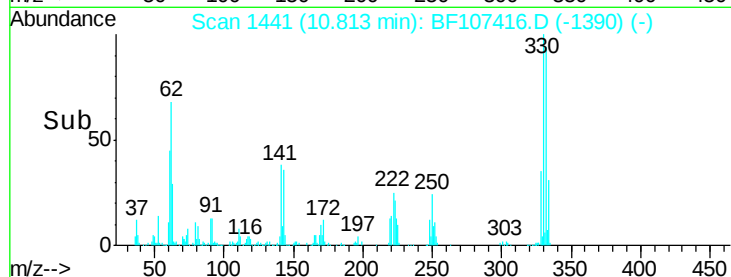
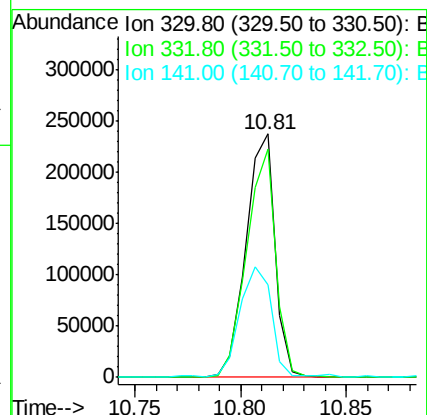
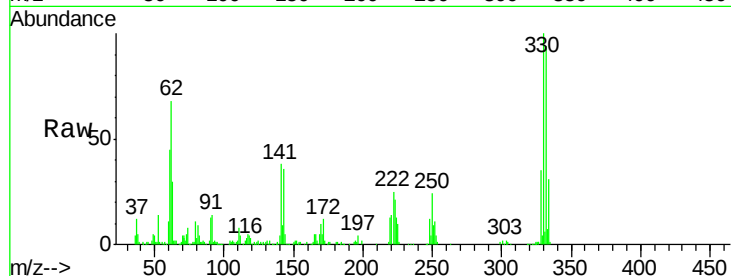




#41
 2,4,6-Tribromophenol
 Concen: 89.908 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

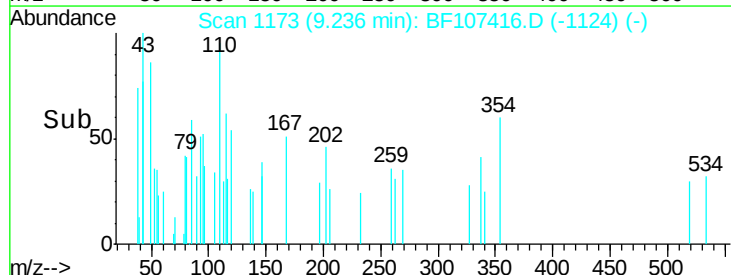
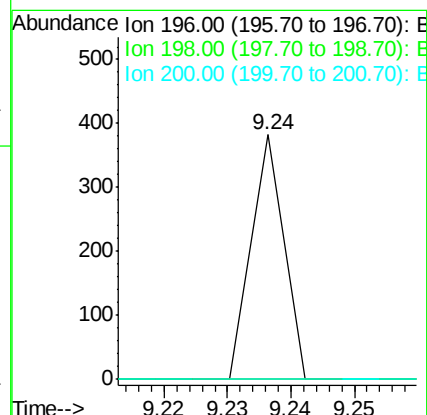
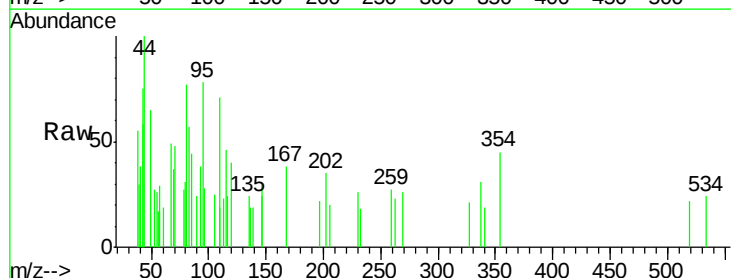
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-071218

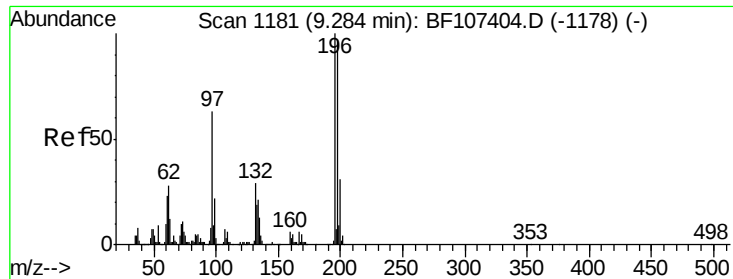
Tgt Ion: 330 Resp: 226560
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 50.6 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 0.019 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

Tgt Ion: 196 Resp: 135
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 24.5 36.7#

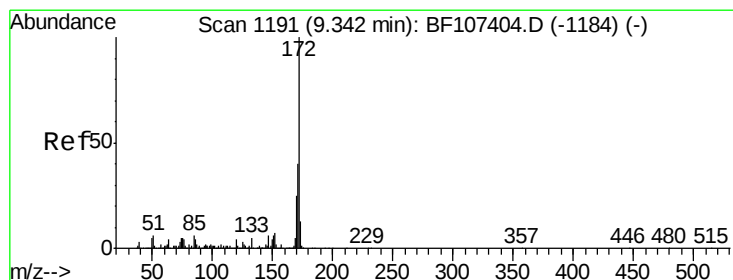
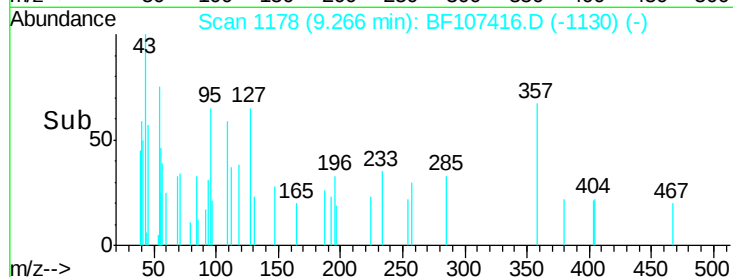
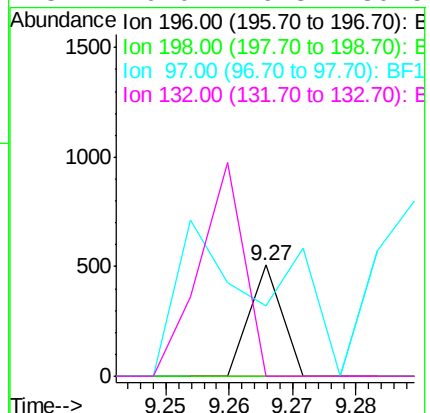
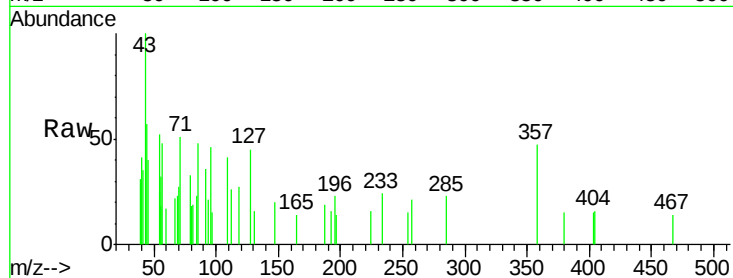




#43
2,4,5-Trichlorophenol
Concen: 0.027 ng
RT: 9.27 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

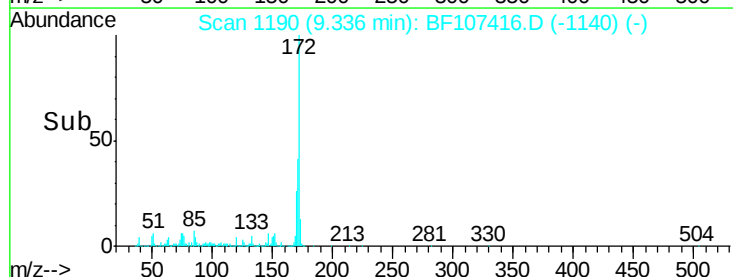
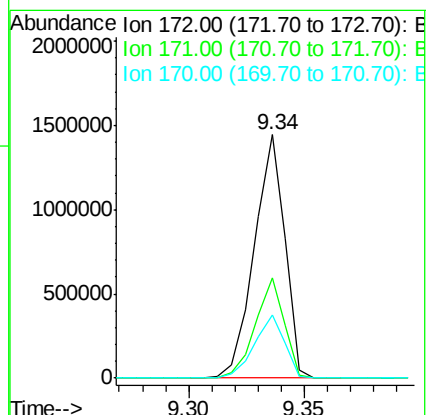
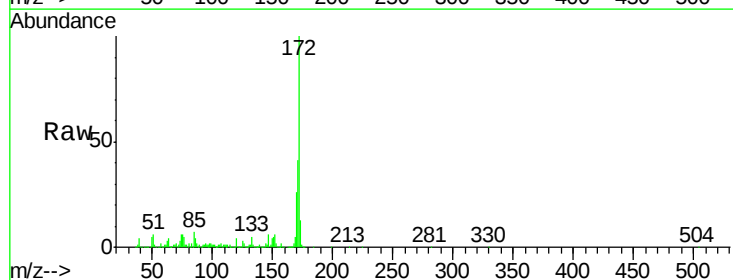
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

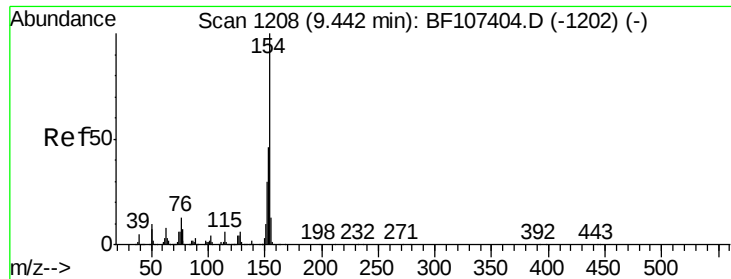
Tgt Ion:196 Resp: 179
Ion Ratio Lower Upper
196 100
198 0.0 74.6 112.0#
97 63.7 42.9 64.3
132 0.0 26.3 39.5#



#44
2-Fluorobiphenyl
Concen: 76.429 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:172 Resp: 1333481
Ion Ratio Lower Upper
172 100
171 41.1 29.7 44.5
170 25.8 19.6 29.4

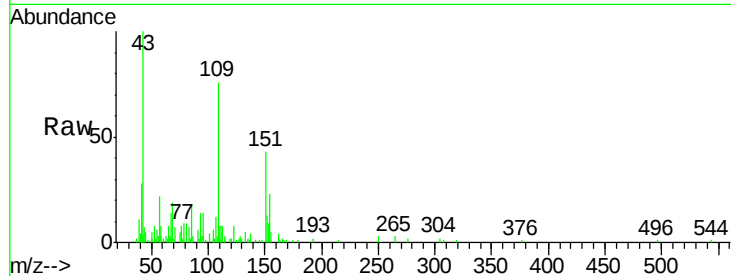




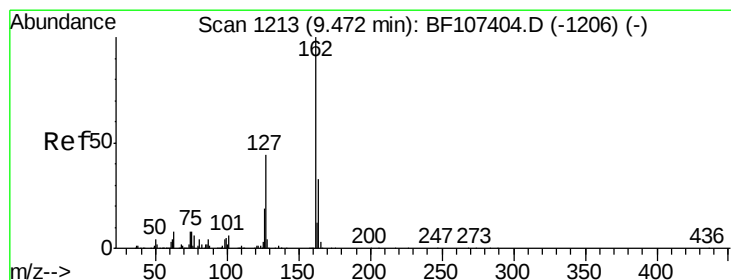
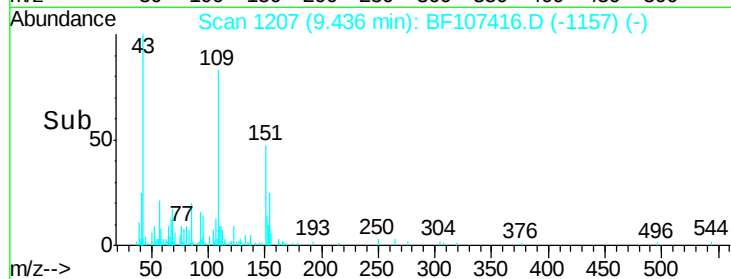
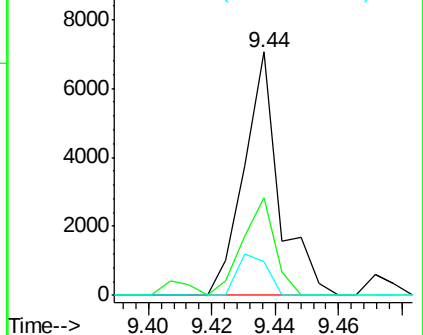
#45
 1,1'-Biphenyl
 Concen: 0.220 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-071218

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	13.6	0.0	34.0

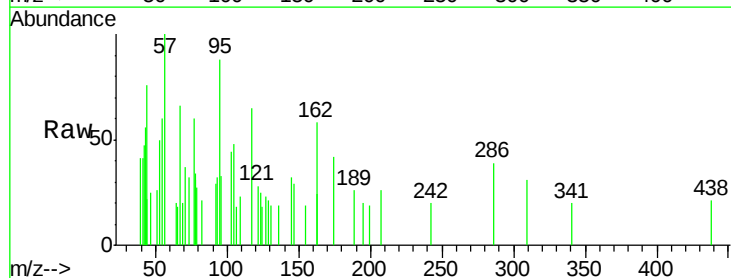


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

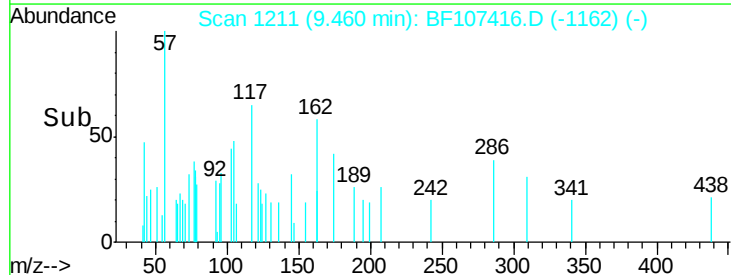
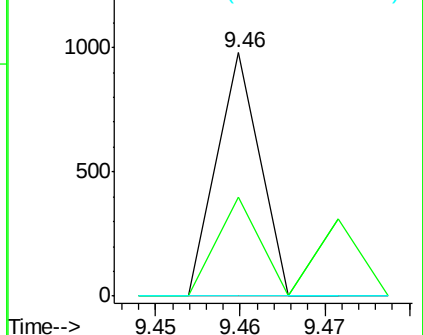


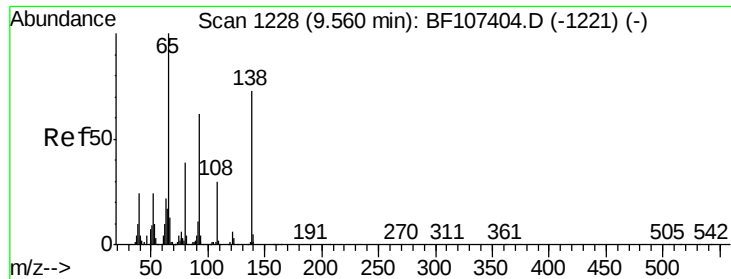
#46
 2-Chloronaphthalene
 Concen: 0.018 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	0.0	26.5	39.7#



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

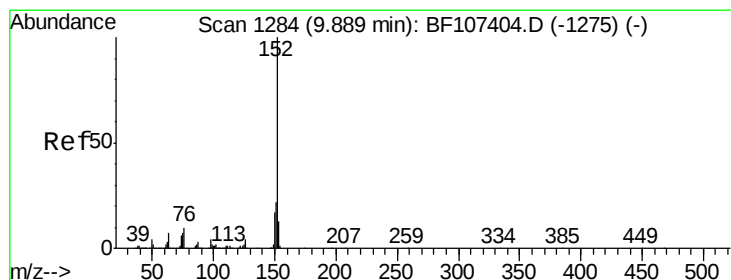
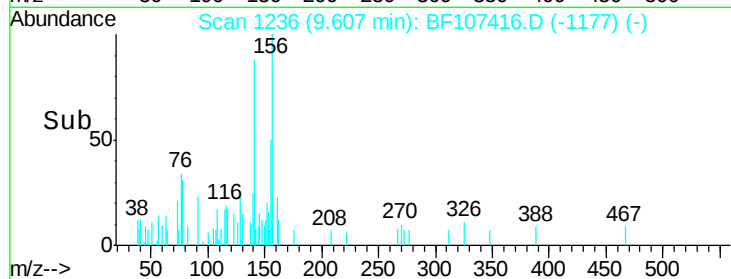
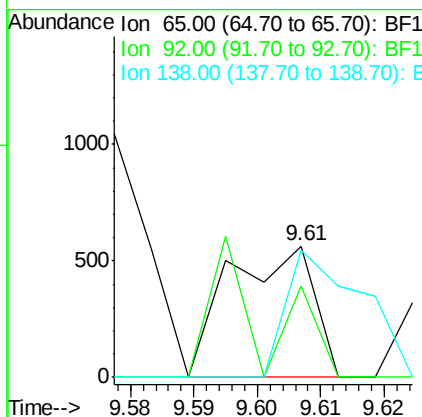
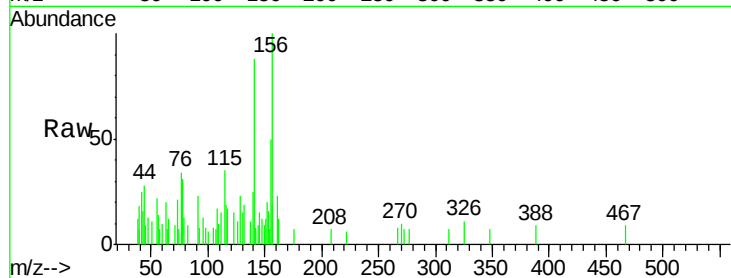




#47
2-Nitroaniline
Concen: 0.087 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.05 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

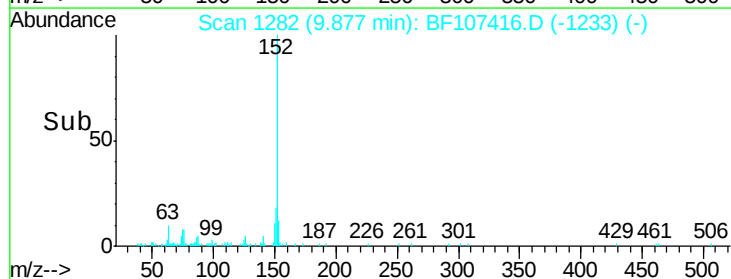
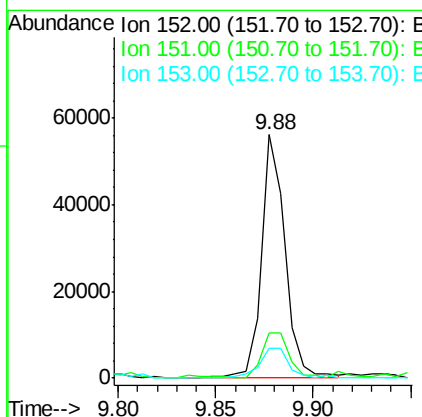
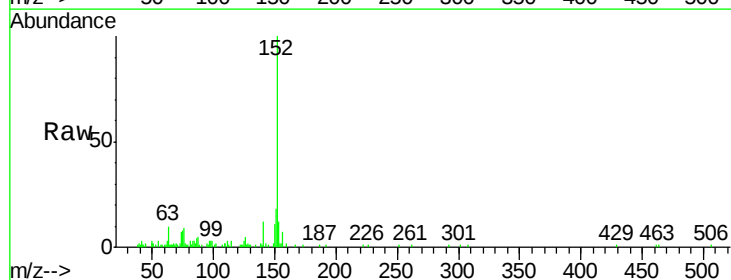
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

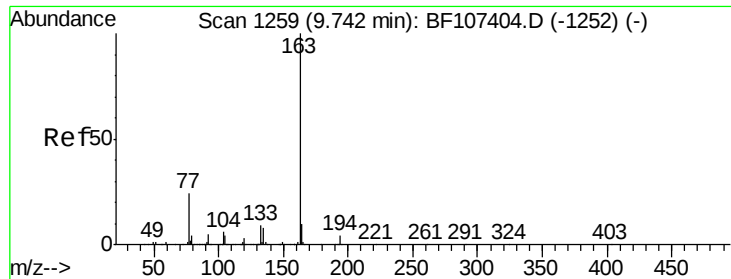
Tgt Ion: 65 Resp: 521
Ion Ratio Lower Upper
65 100
92 69.4 55.8 83.6
138 97.0 91.2 136.8



#48
Acenaphthylene
Concen: 1.719 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion: 152 Resp: 46972
Ion Ratio Lower Upper
152 100
151 18.4 16.3 24.5
153 12.3 10.7 16.1





#49

Dimethylphthalate

Concen: 11.058 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

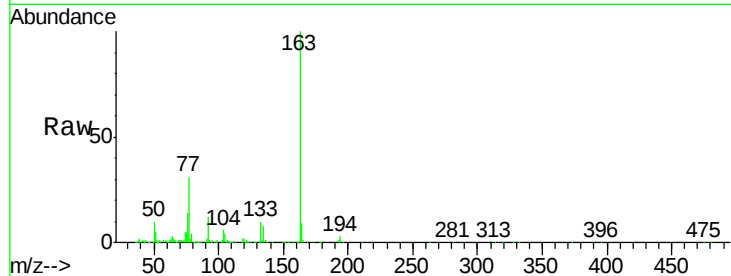
Tgt Ion:163 Resp: 251987

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

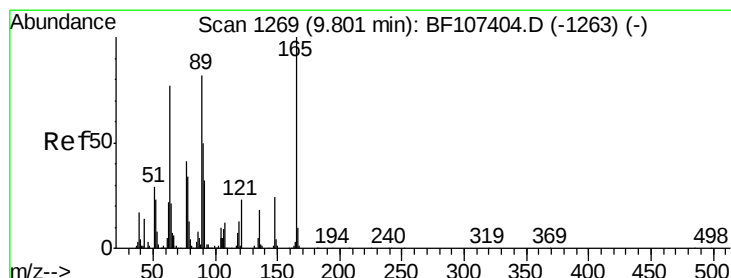
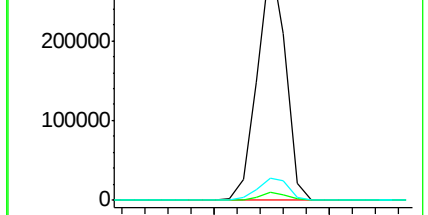
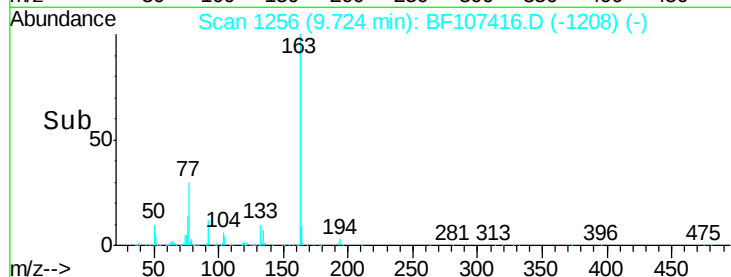
164 9.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.965 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.08 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

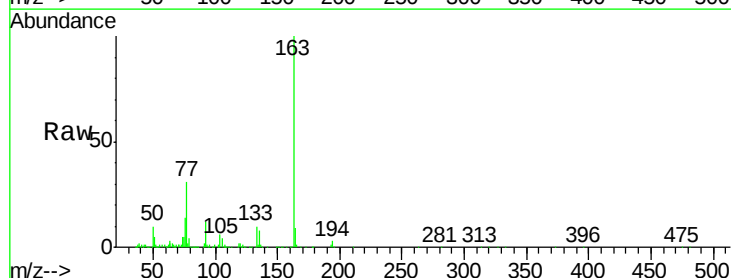
Tgt Ion:165 Resp: 4195

Ion Ratio Lower Upper

165 100

63 164.2 44.7 67.1#

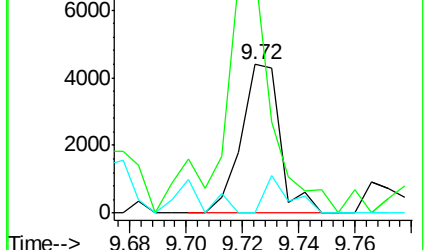
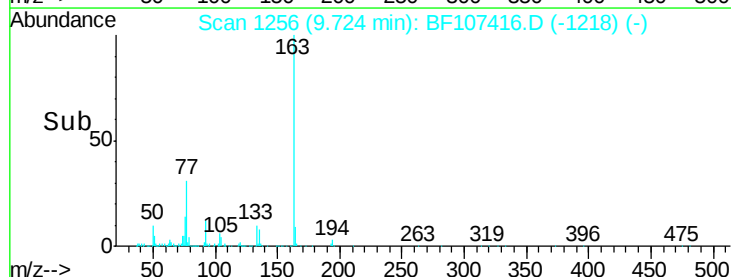
89 0.0 44.0 66.0#

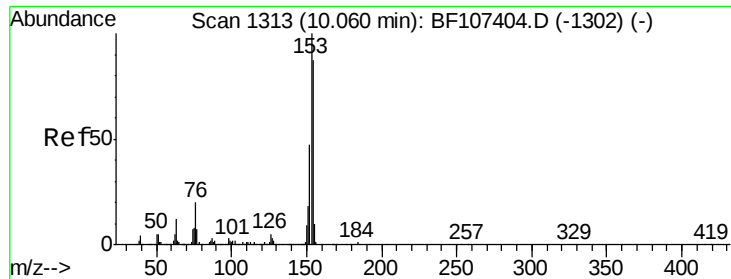


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.201 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

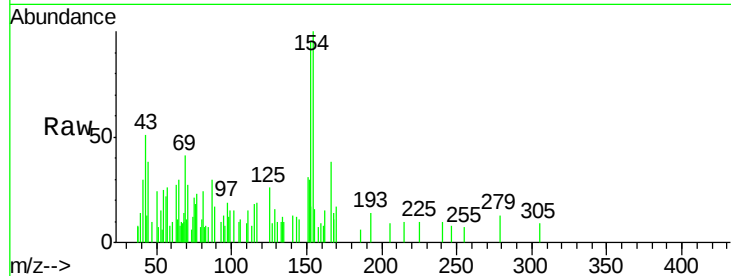
Tgt Ion:154 Resp: 3644

Ion Ratio Lower Upper

154 100

153 95.2 91.2 136.8

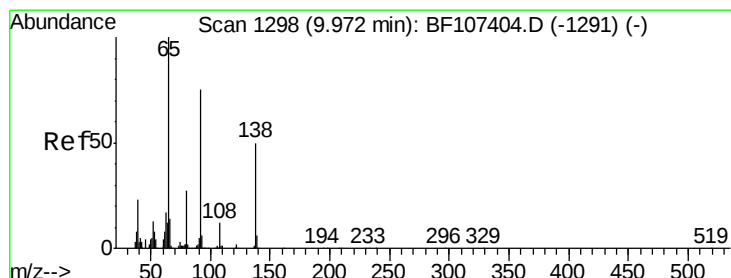
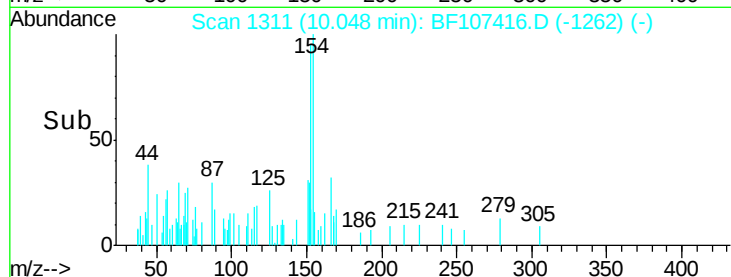
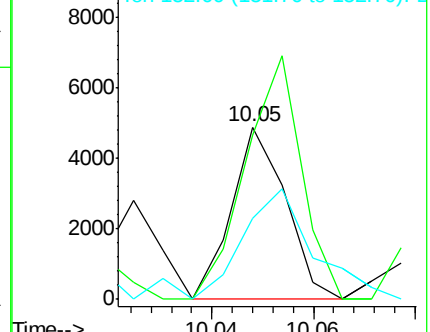
152 46.9 43.8 65.8



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: 0.095 ng

RT: 9.93 min Scan# 1291

Delta R.T. -0.04 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

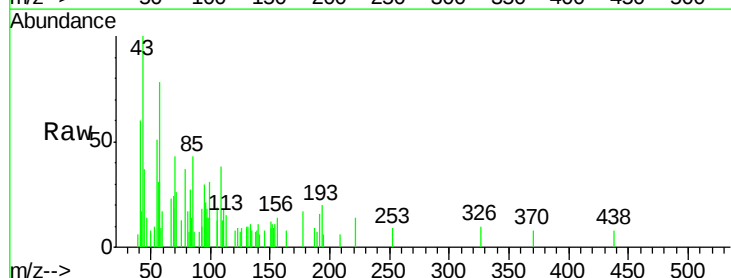
Tgt Ion:138 Resp: 433

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

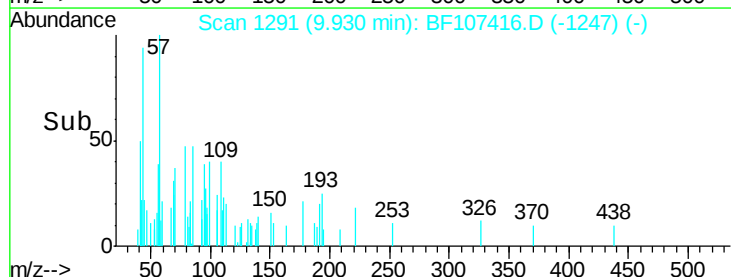
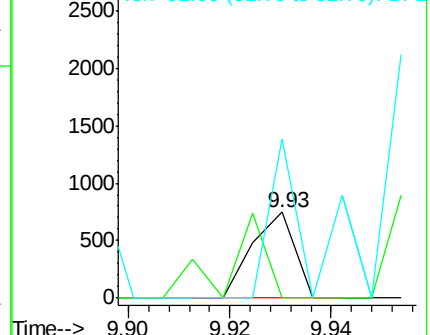
92 186.2 89.4 134.2#

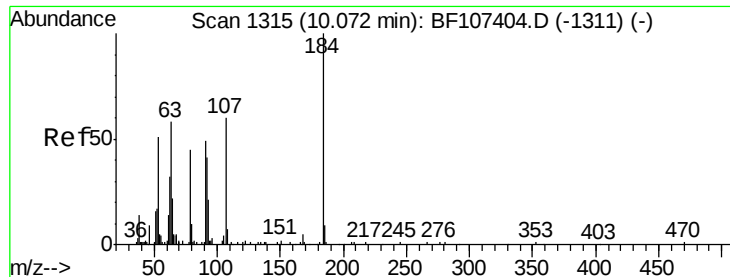


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

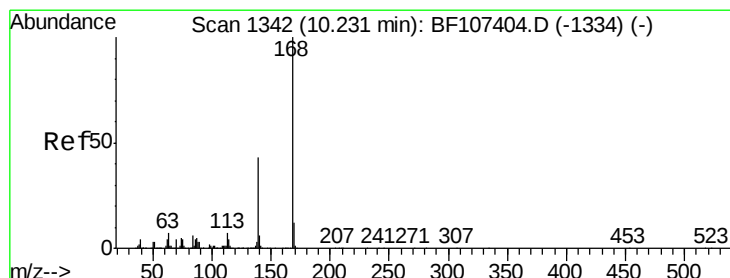
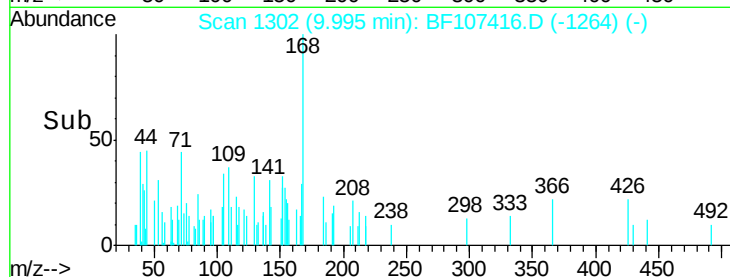
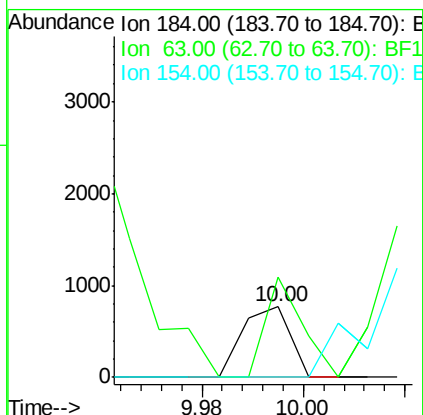
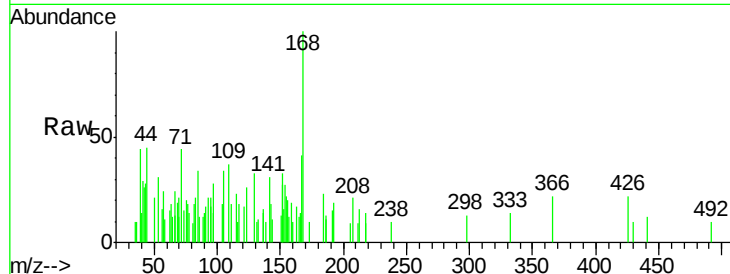




#53
2,4-Dinitrophenol
Concen: 2.725 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.08 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

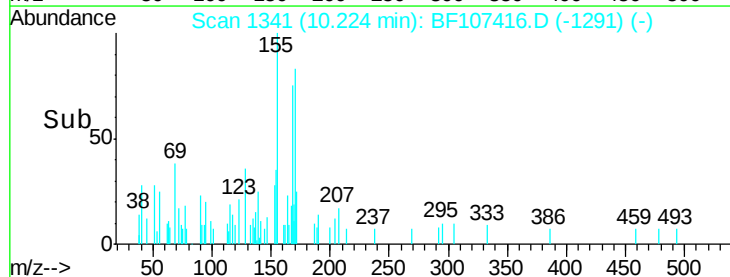
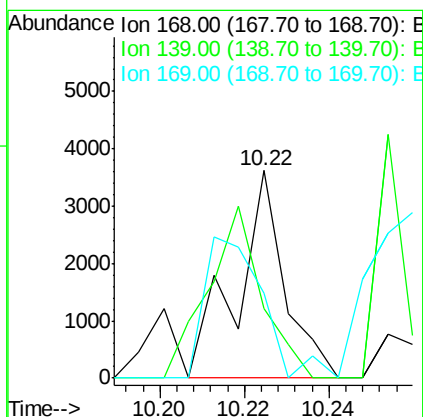
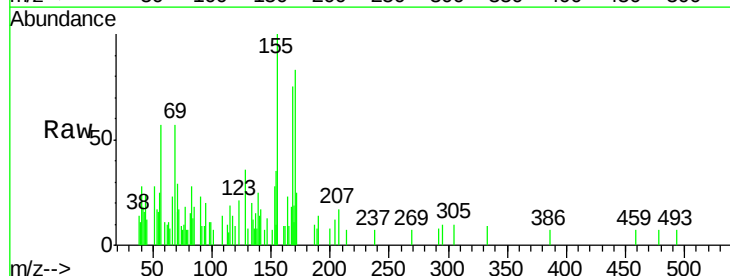
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

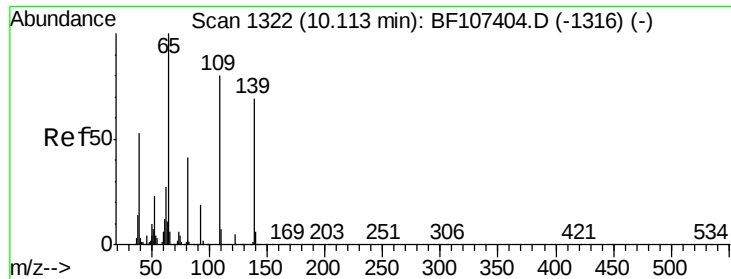
Tgt Ion:184 Resp: 497
Ion Ratio Lower Upper
184 100
63 142.2 54.2 81.2#
154 0.0 184.0 276.0#



#54
Dibenzofuran
Concen: 0.102 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:168 Resp: 2846
Ion Ratio Lower Upper
168 100
139 33.5 30.1 45.1
169 40.8 10.9 16.3#

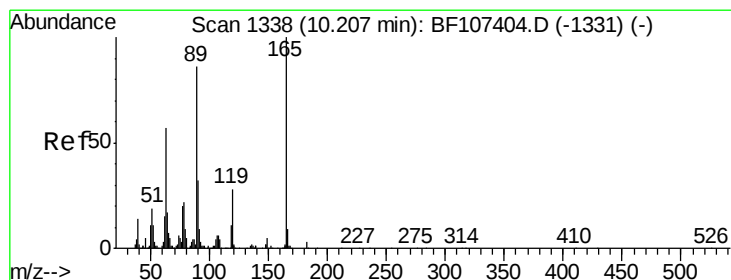
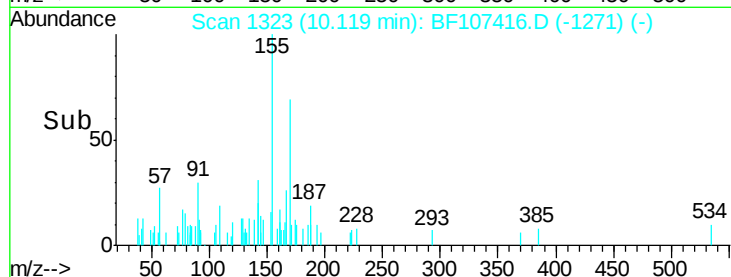
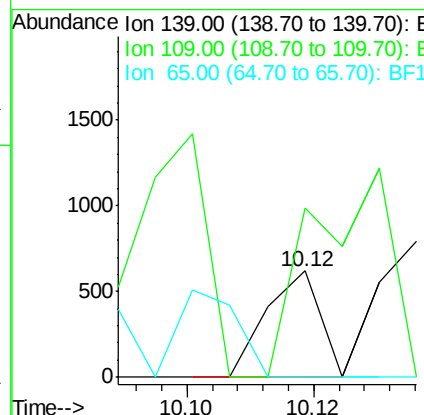
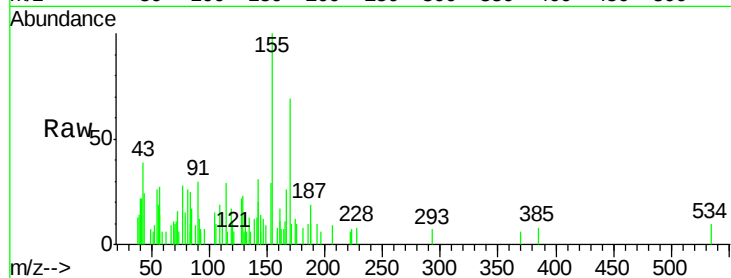




#55
4-Nitrophenol
Concen: 0.098 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

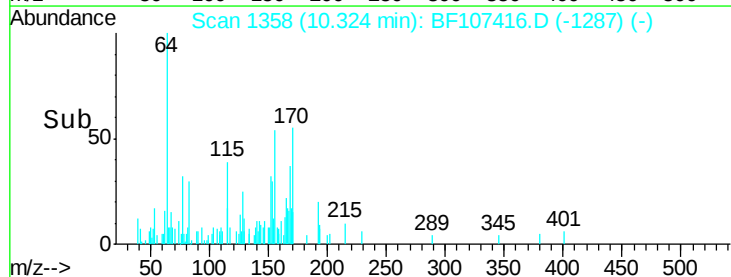
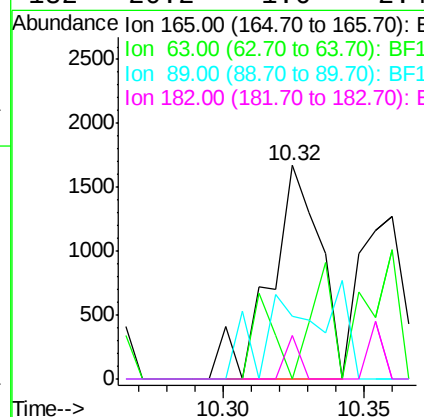
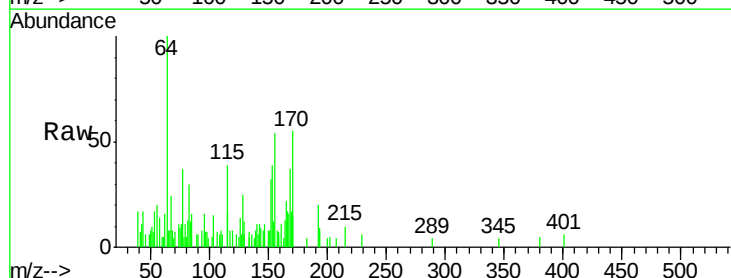
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

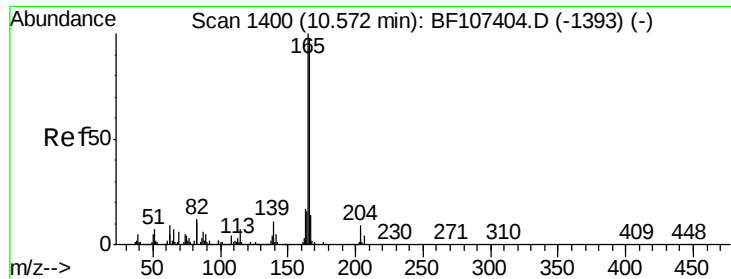
Tgt Ion:139 Resp: 364
Ion Ratio Lower Upper
139 100
109 159.4 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 0.360 ng
RT: 10.32 min Scan# 1358
Delta R.T. 0.12 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:165 Resp: 2043
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 29.1 57.8 86.6#
182 20.2 1.6 2.4#





#57

Fluorene

Concen: 0.353 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.04 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

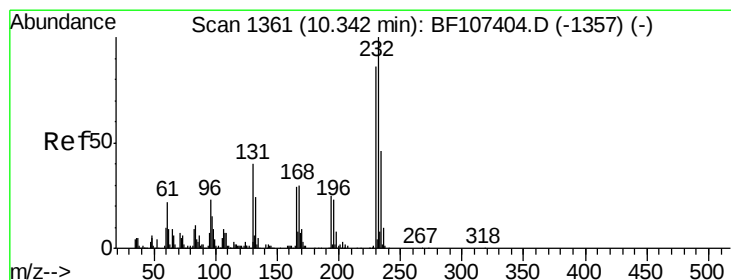
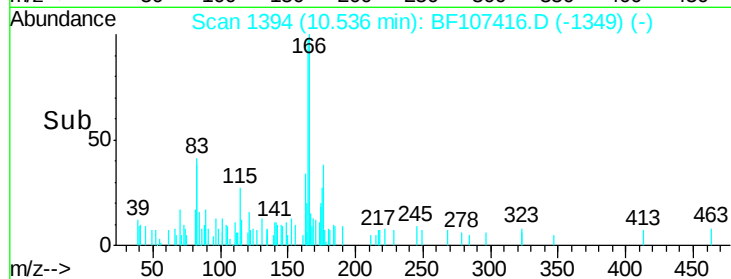
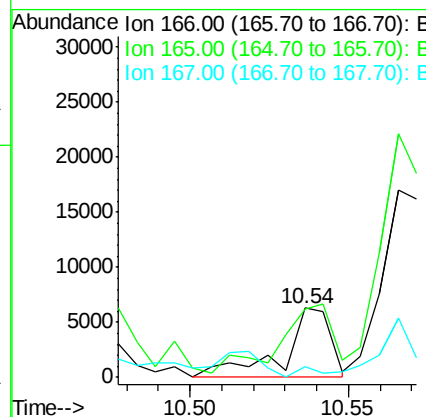
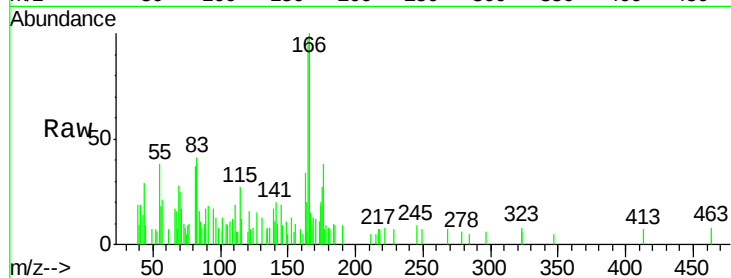
Instrument :

BNA_F

ClientSampleId :

BU-02-071218

Tgt Ion:	166	Resp:	6537
Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	14.7	10.6	16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.017 ng

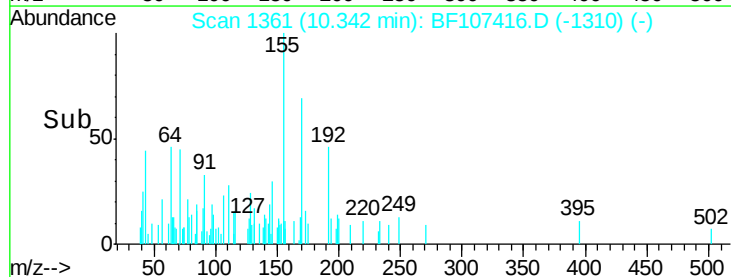
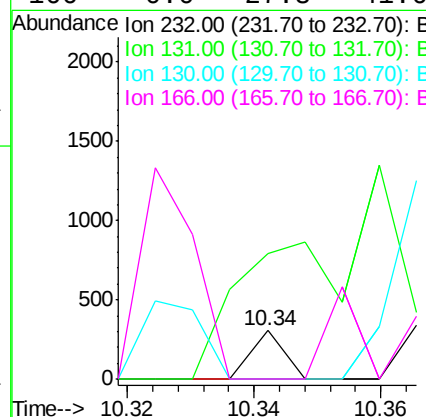
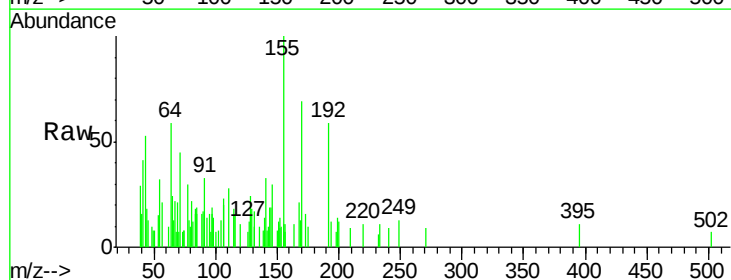
RT: 10.34 min Scan# 1361

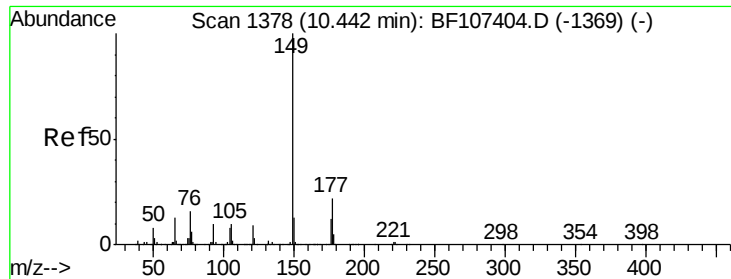
Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Tgt Ion:	232	Resp:	108
Ion	Ratio	Lower	Upper
232	100		
131	885.2	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#





#59

Diethylphthalate

Concen: 0.112 ng

RT: 10.44 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

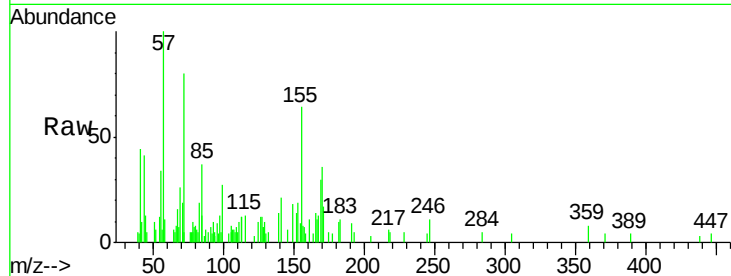
Tgt Ion:149 Resp: 2483

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

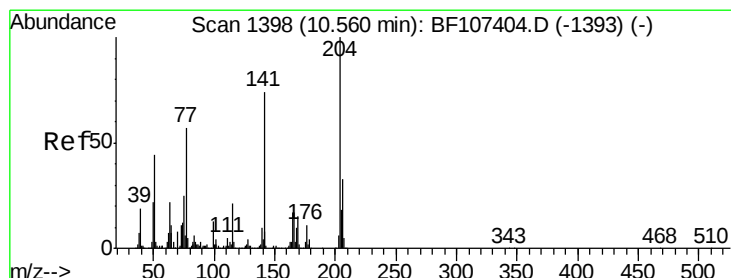
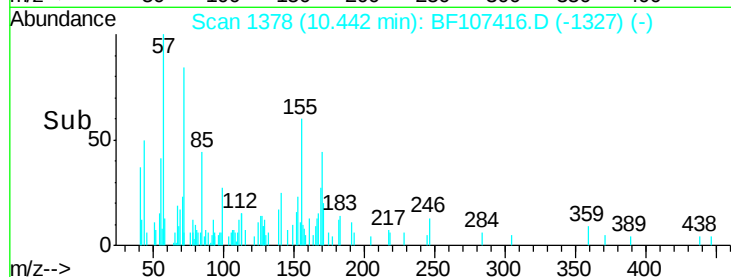
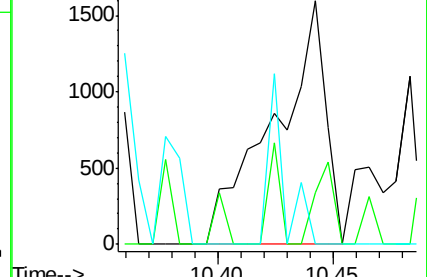
150 0.0 10.1 15.1#



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: 0.018 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

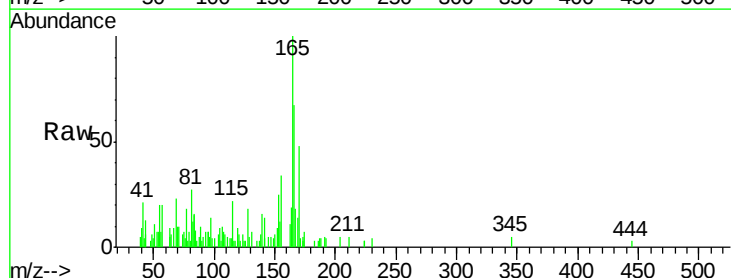
Tgt Ion:204 Resp: 200

Ion Ratio Lower Upper

204 100

206 0.0 26.5 39.7#

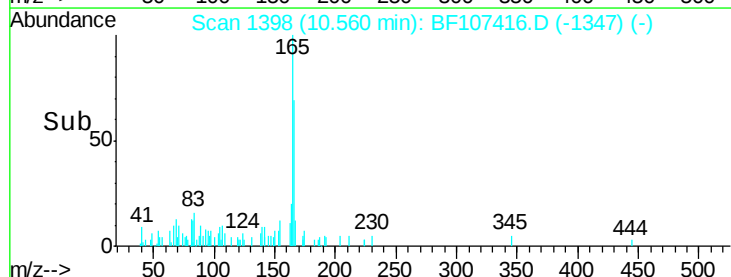
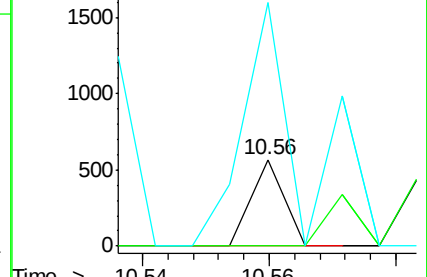
141 362.5 54.6 81.8#

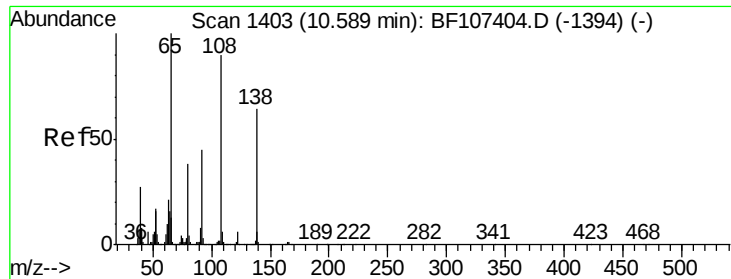


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

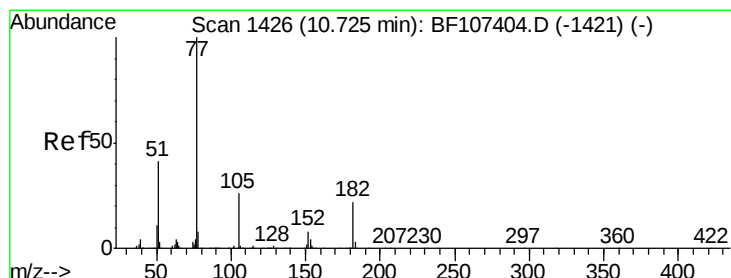
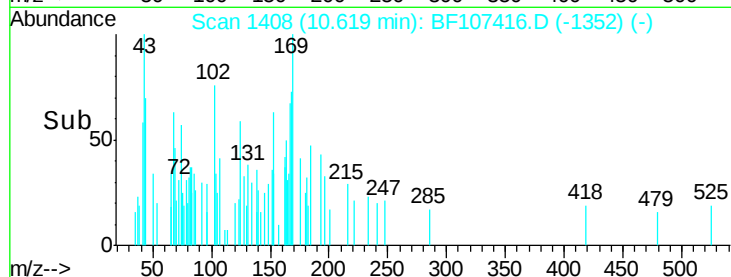
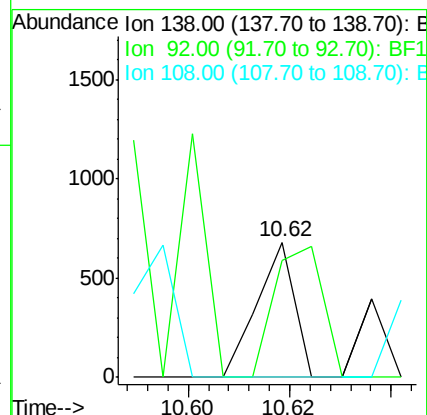
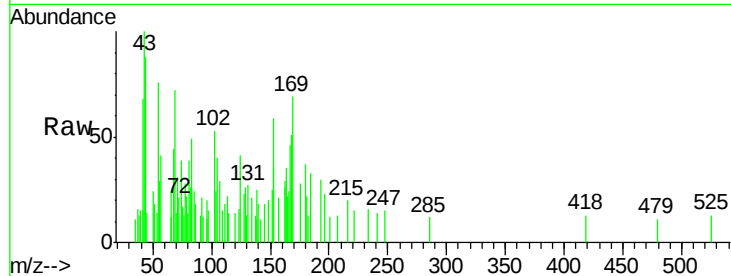




#61
4-Nitroaniline
Concen: 0.081 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.03 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

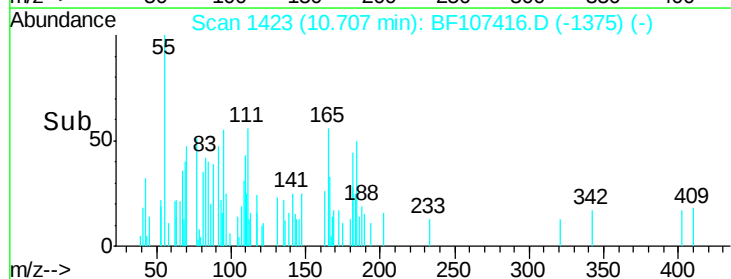
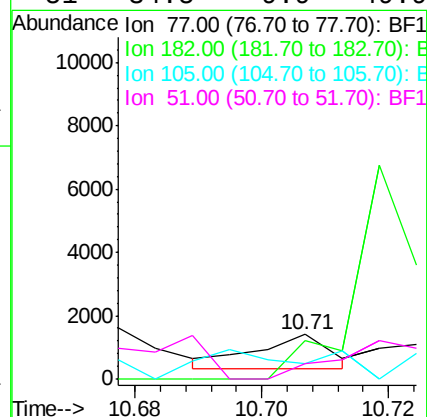
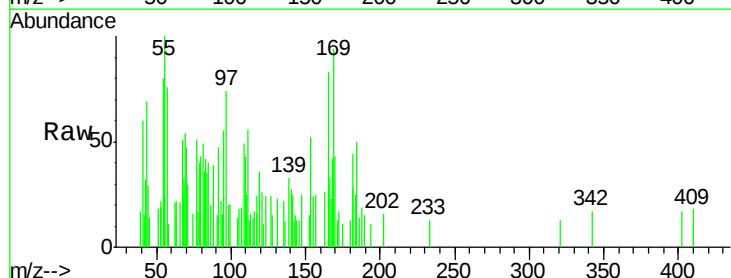
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

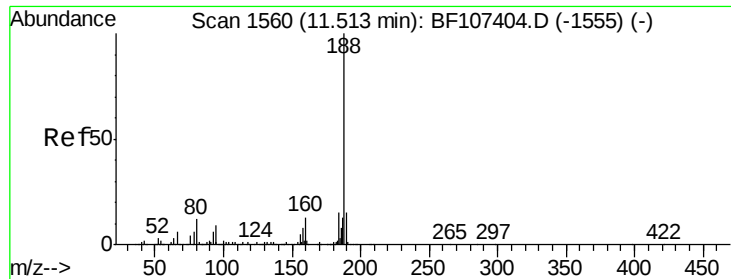
Tgt Ion: 138 Resp: 351
Ion Ratio Lower Upper
138 100
92 86.6 30.2 70.2#
108 0.0 52.5 92.5#



#62
Azobenzene
Concen: 0.034 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion: 77 Resp: 878
Ion Ratio Lower Upper
77 100
182 86.5 1.7 41.7#
105 34.5 3.0 43.0
51 34.5 9.9 49.9

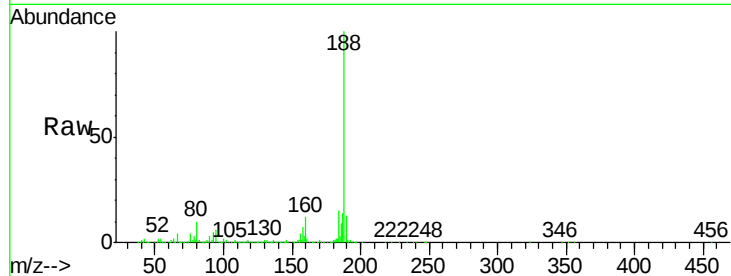




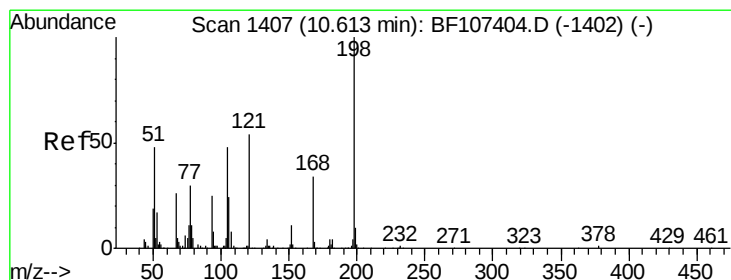
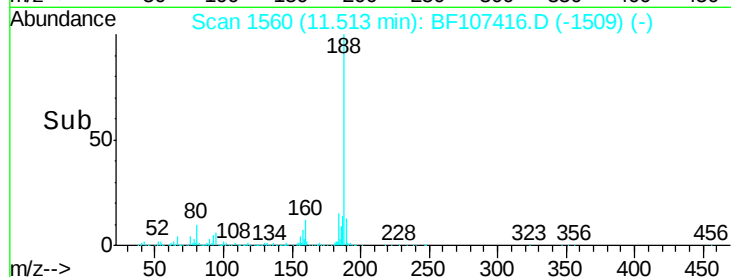
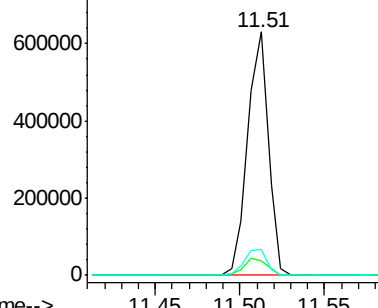
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
BU-02-071218

Tgt Ion:188 Resp: 539357
Ion Ratio Lower Upper
188 100
94 6.1 8.5 12.7#
80 10.4 9.2 13.8

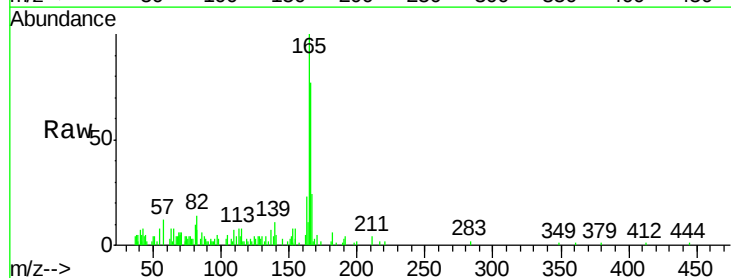


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

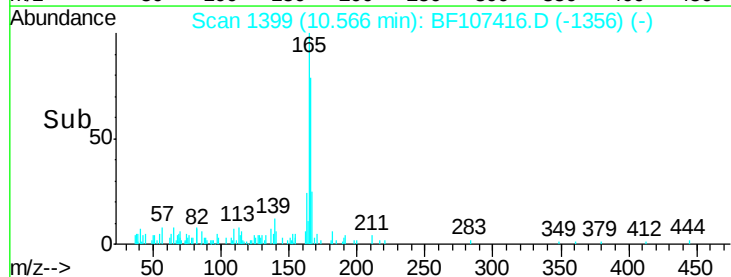
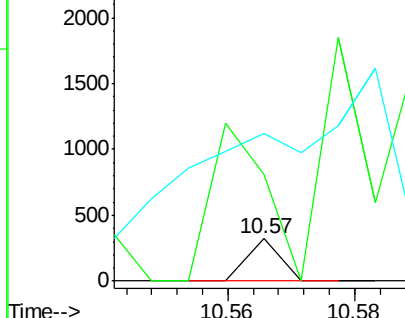


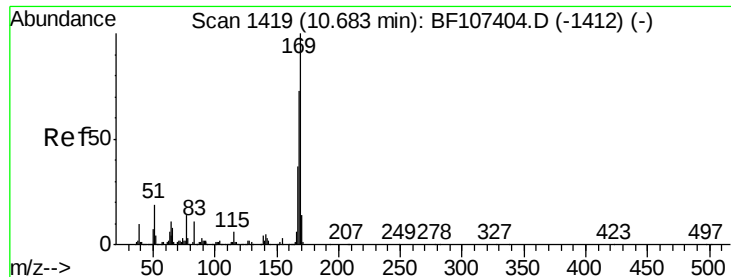
#64
4,6-Dinitro-2-methylphenol
Concen: 7.522 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.05 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:198 Resp: 114
Ion Ratio Lower Upper
198 100
51 249.1 37.7 77.7#
105 344.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

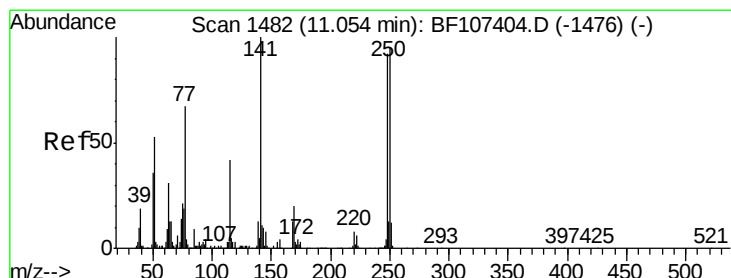
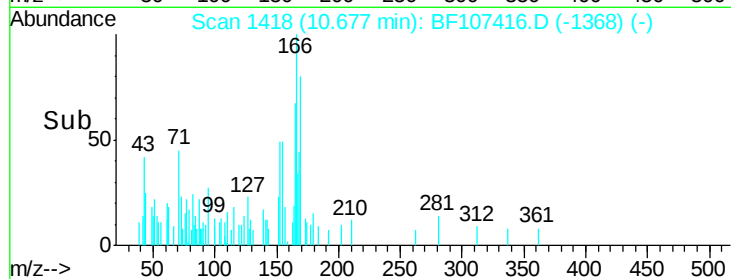
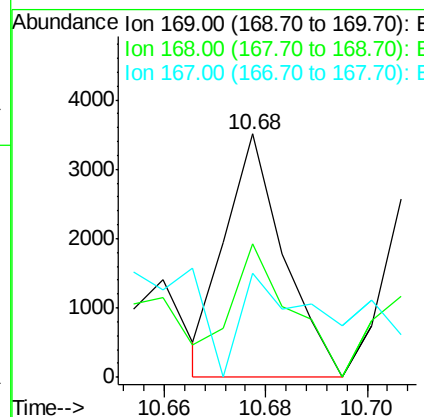
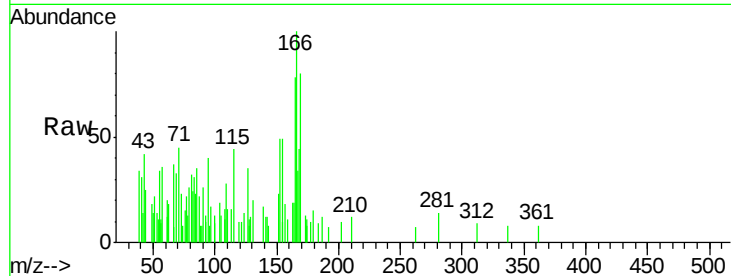




#65
 n-Nitrosodiphenylamine
 Concen: 0.167 ng
 RT: 10.68 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

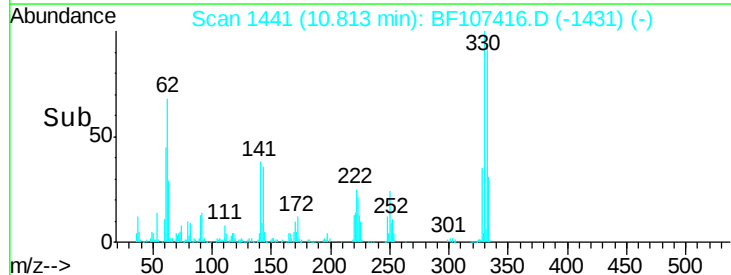
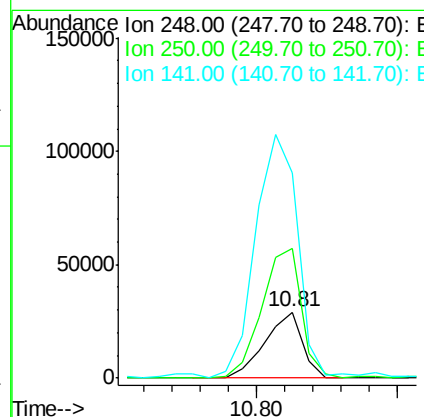
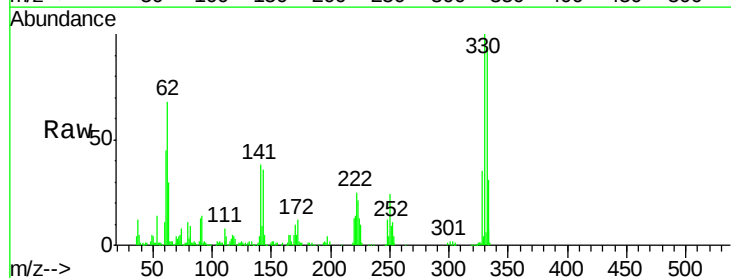
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-071218

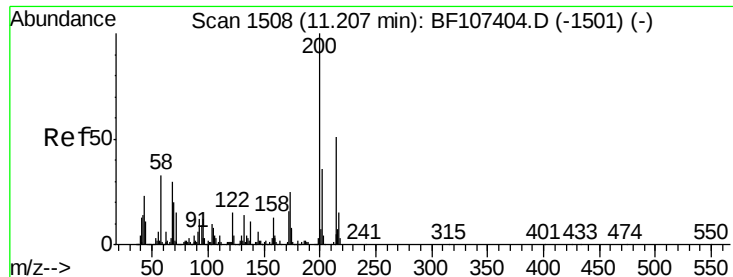
Tgt Ion:	169	Resp:	2840
Ion	Ratio	Lower	Upper
169	100		
168	54.7	54.4	81.6
167	42.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.345 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF107416.D
 Acq: 16 Jul 2018 21:34

Tgt Ion:	248	Resp:	26810
Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	311.7	74.4	111.6#

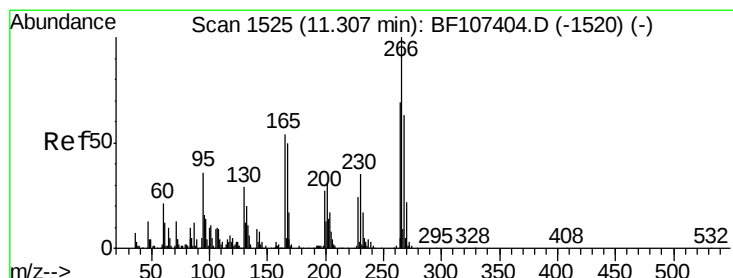
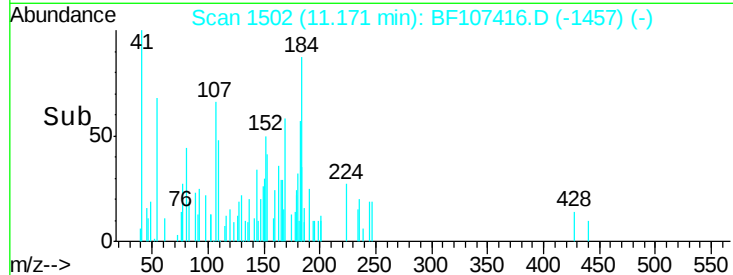
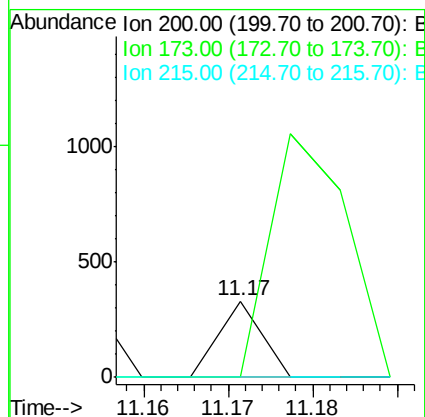
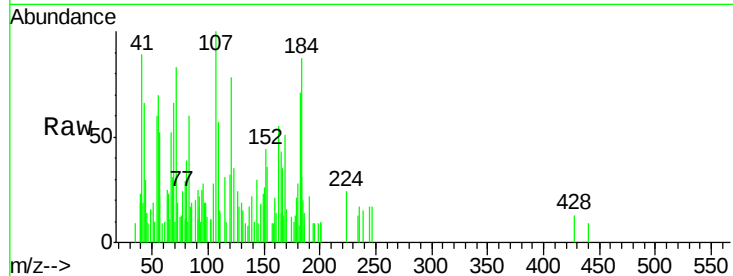




#68
Atrazine
Concen: 0.018 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.04 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

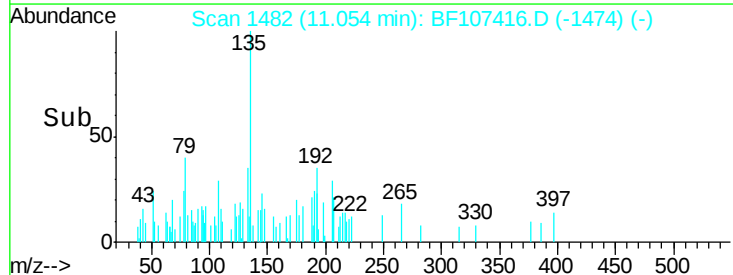
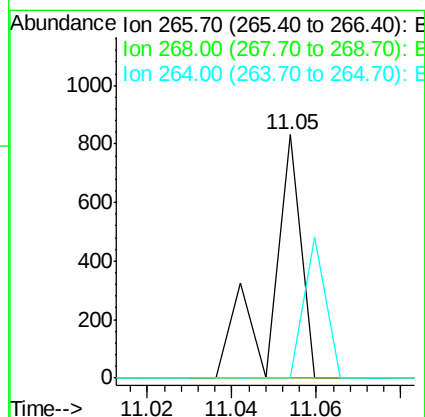
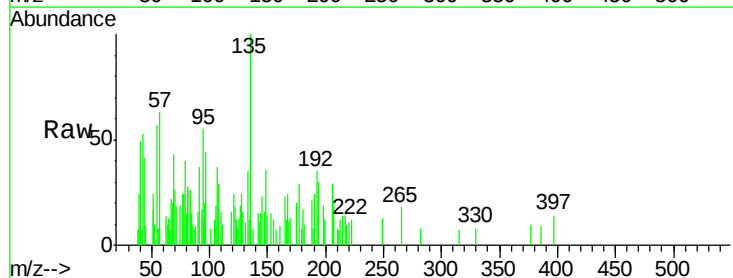
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

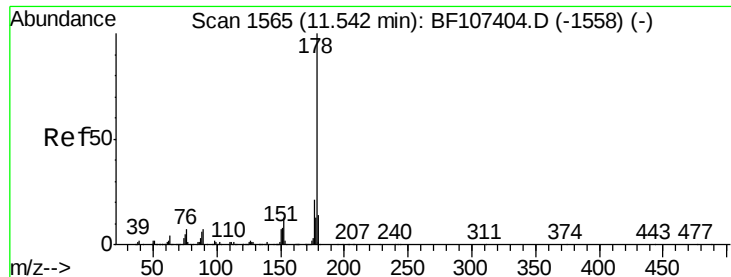
Tgt Ion: 200 Resp: 117
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#



#69
Pentachlorophenol
Concen: 0.097 ng
RT: 11.05 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion: 266 Resp: 409
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 0.0 49.5 74.3#





#70

Phenanthrene

Concen: 8.595 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

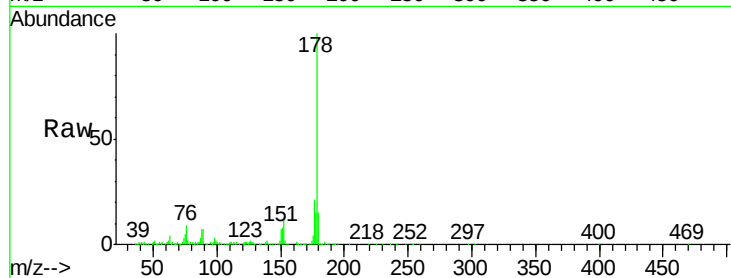
Tgt Ion:178 Resp: 231023

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.8

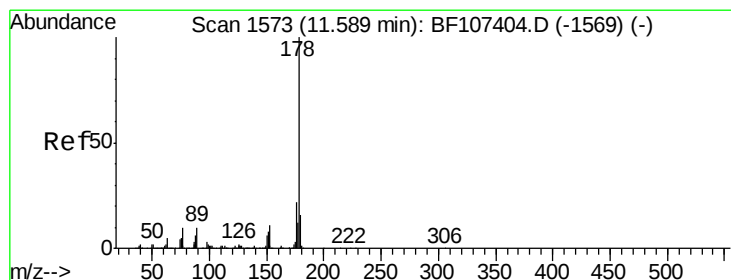
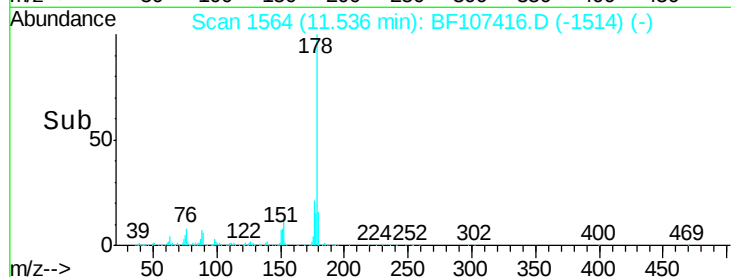
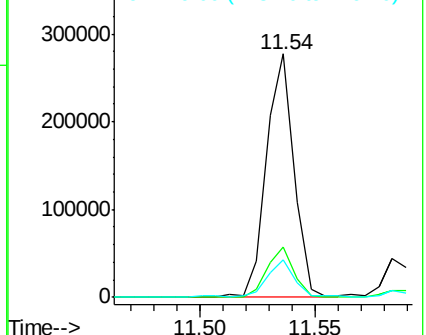
179 15.5 13.0 19.6



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: 1.401 ng

RT: 11.58 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

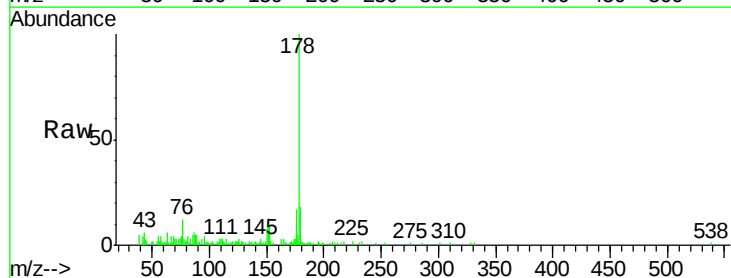
Tgt Ion:178 Resp: 37520

Ion Ratio Lower Upper

178 100

176 17.3 15.4 23.2

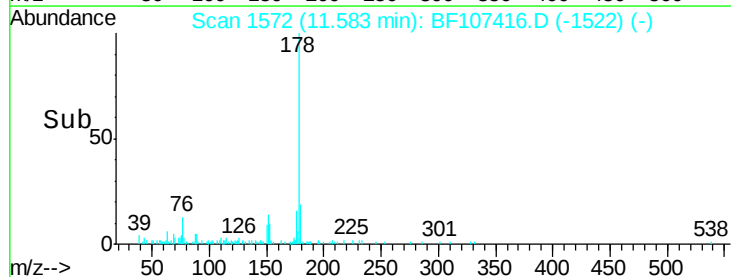
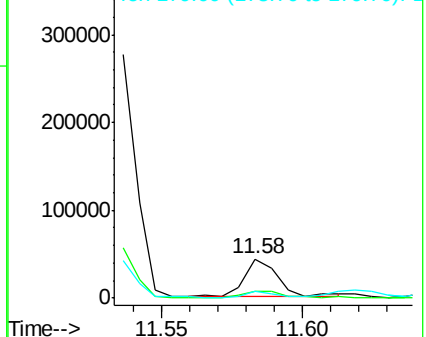
179 18.2 12.6 19.0

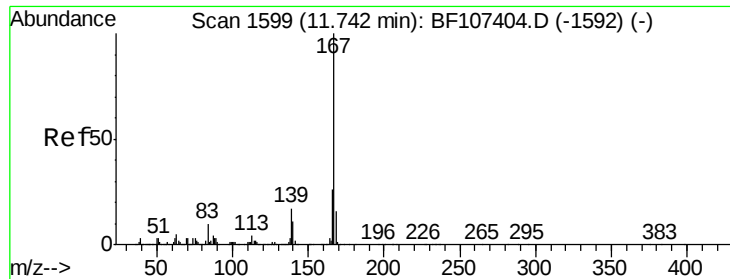


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.176 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

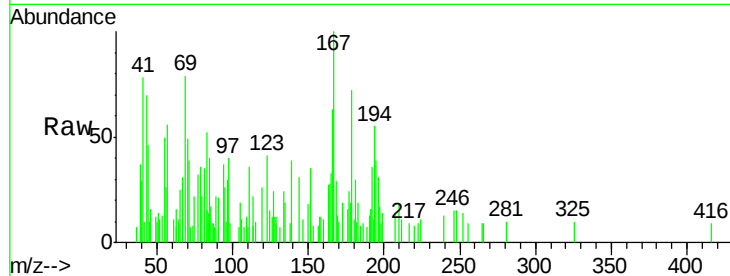
Tgt Ion:167 Resp: 4466

Ion Ratio Lower Upper

167 100

166 62.8 17.6 26.4#

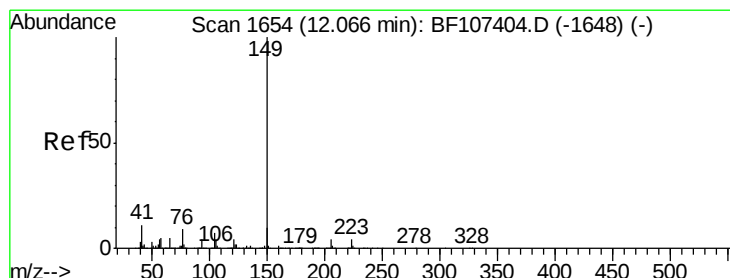
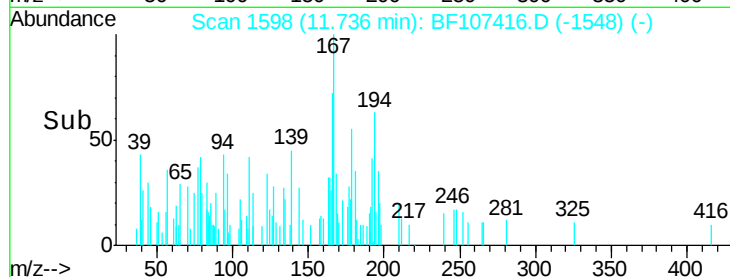
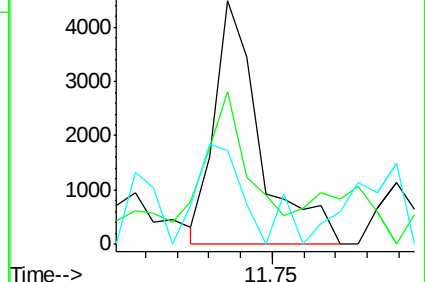
139 38.7 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.494 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

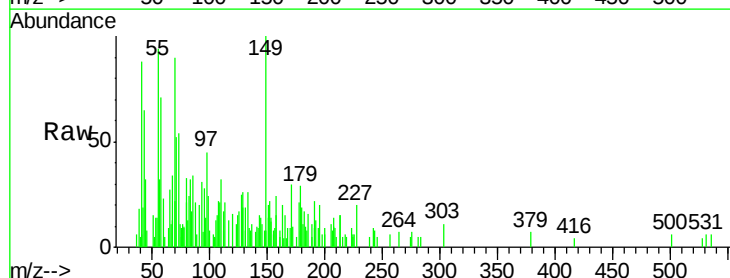
Tgt Ion:149 Resp: 14376

Ion Ratio Lower Upper

149 100

150 14.1 7.8 11.6#

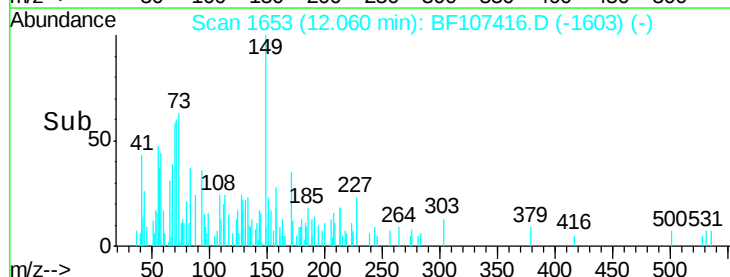
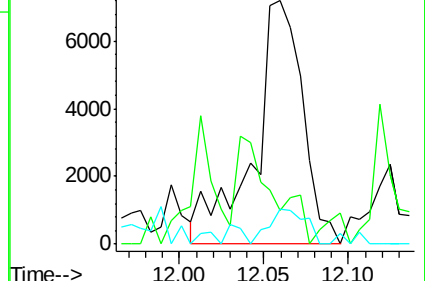
104 14.3 3.8 5.8#

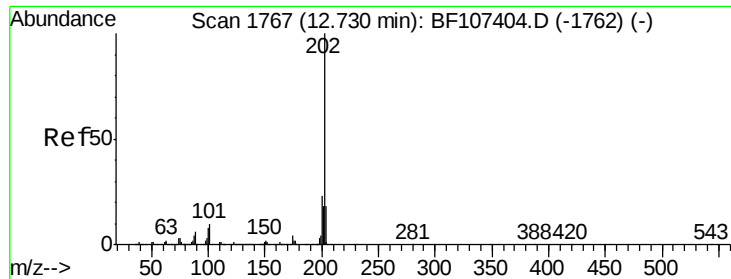


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 8.242 ng

RT: 12.73 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

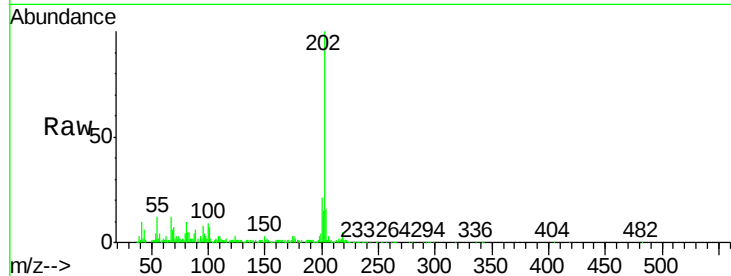
Instrument :

BNA_F

ClientSampleId :

BU-02-071218

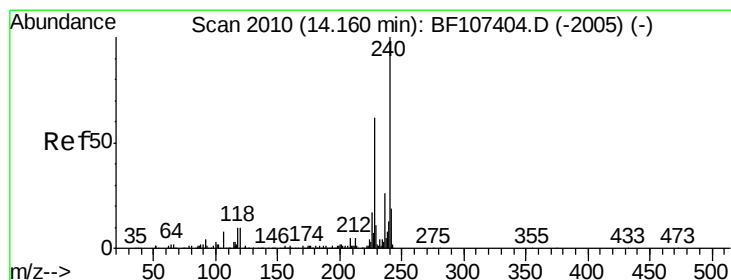
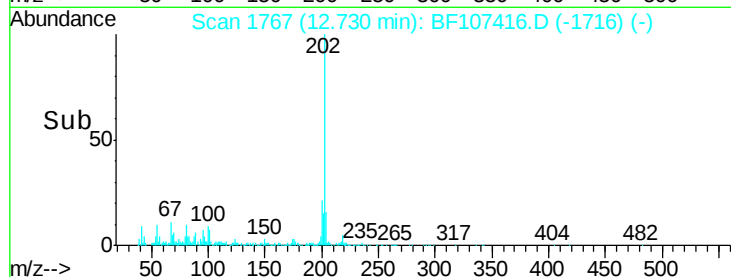
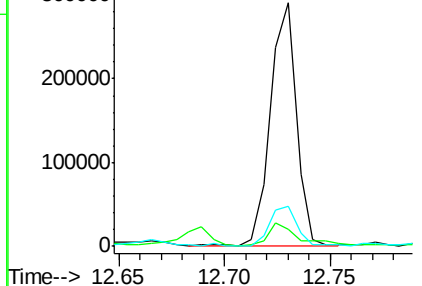
Tgt Ion:	202	Resp:	251796
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	34.1
203	16.3	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

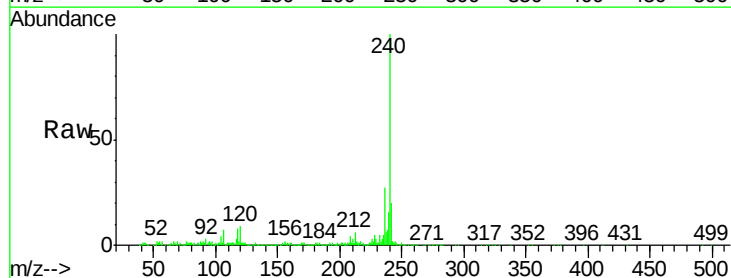
RT: 14.16 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

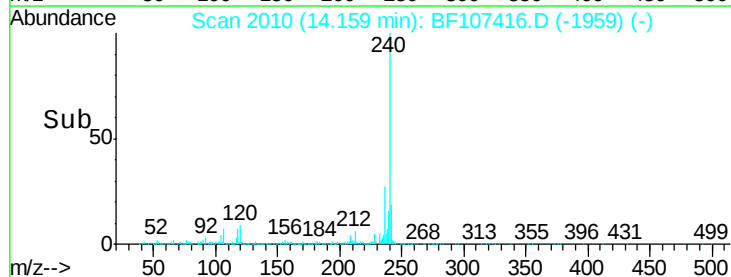
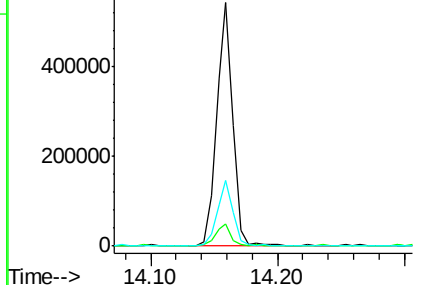
Tgt Ion:	240	Resp:	488020
Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	27.0	20.7	31.1

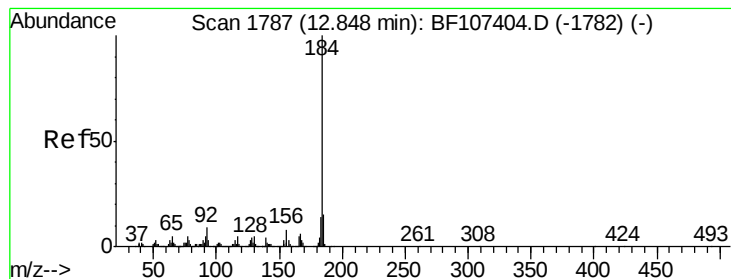


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.061 ng

RT: 12.87 min Scan# 1791

Delta R.T. 0.02 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

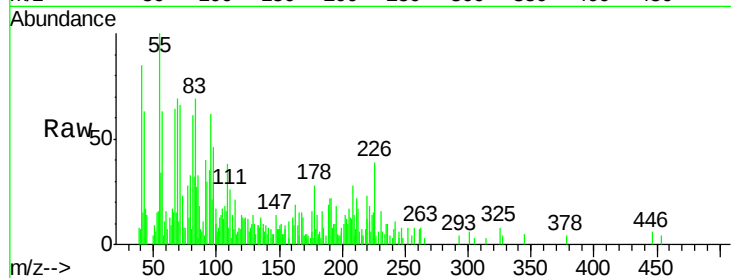
Tgt Ion:184 Resp: 1154

Ion Ratio Lower Upper

184 100

185 52.7 12.6 18.8#

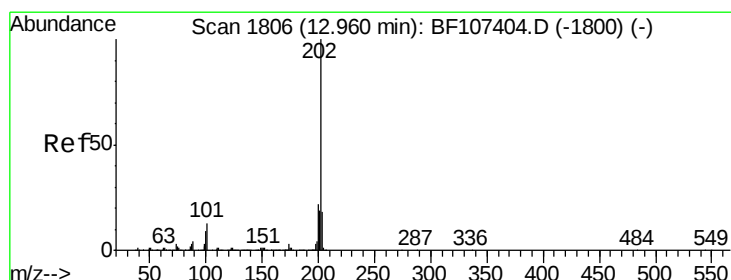
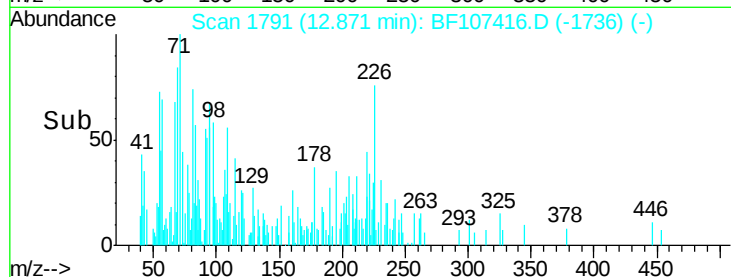
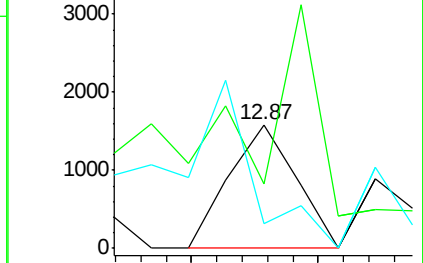
183 20.2 9.3 13.9#



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: 10.708 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

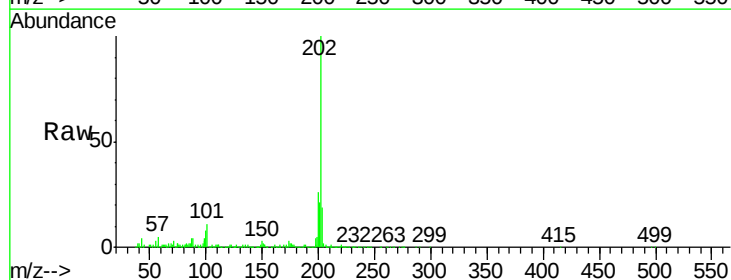
Tgt Ion:202 Resp: 355371

Ion Ratio Lower Upper

202 100

200 26.1 17.4 26.2

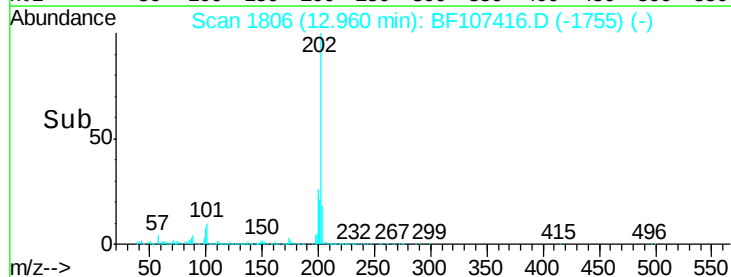
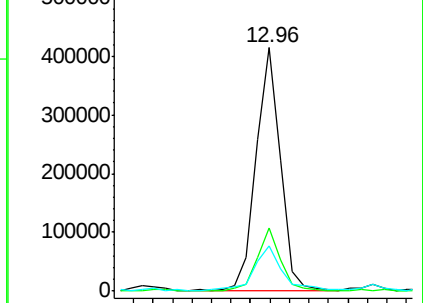
203 18.8 14.3 21.5

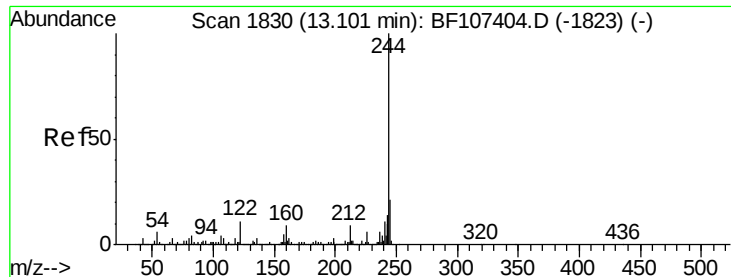


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.462 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

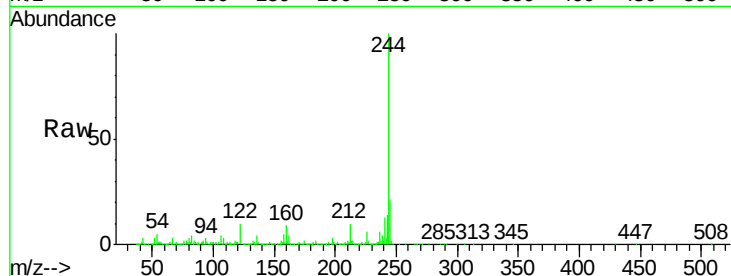
Tgt Ion:244 Resp: 1226886

Ion Ratio Lower Upper

244 100

212 10.1 5.4 8.0#

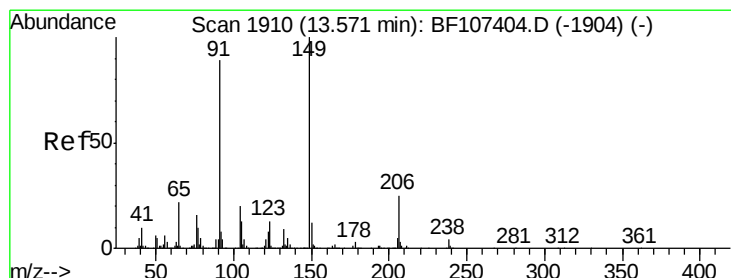
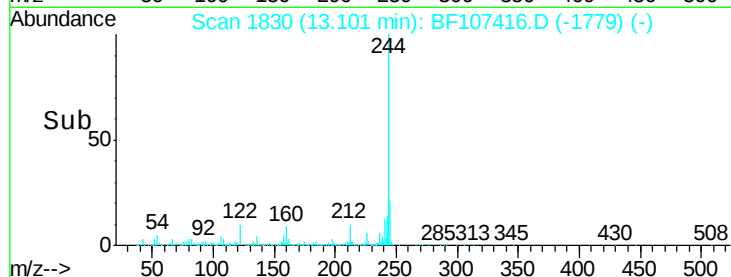
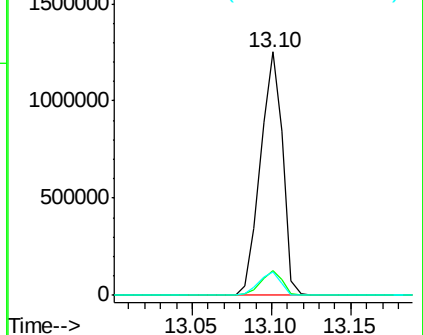
122 9.8 11.0 16.4#



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: 0.216 ng

RT: 13.68 min Scan# 1929

Delta R.T. 0.11 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

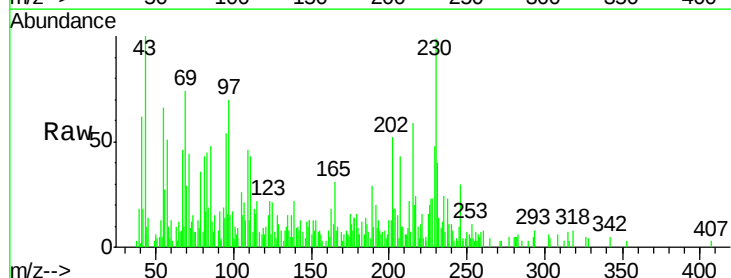
Tgt Ion:149 Resp: 2614

Ion Ratio Lower Upper

149 100

91 67.1 56.8 85.2

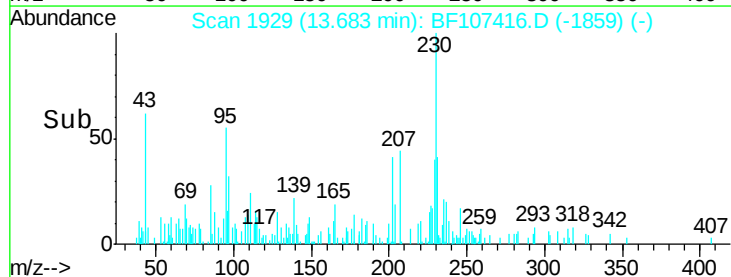
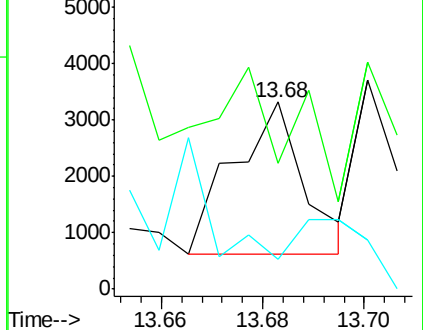
206 16.1 14.1 21.1

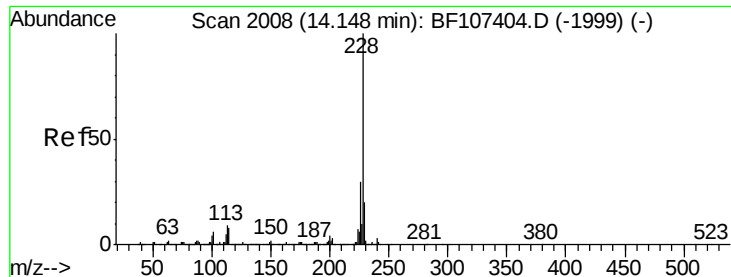


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

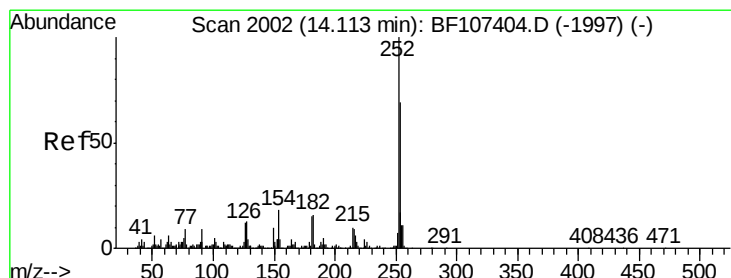
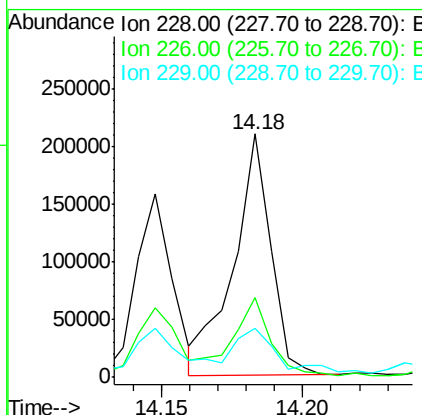
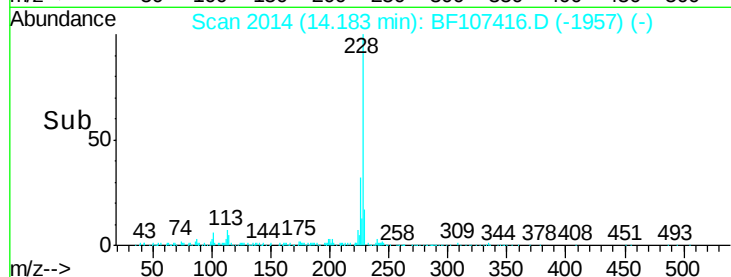
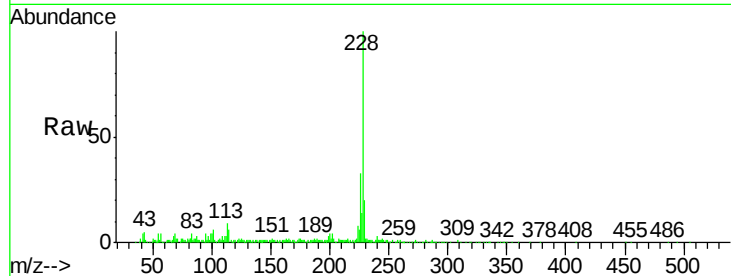




#80
Benzo(a)anthracene
Concen: 6.438 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.04 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

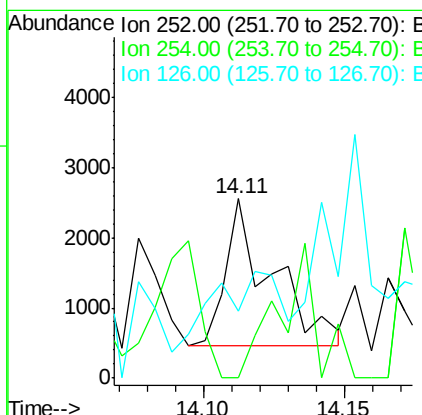
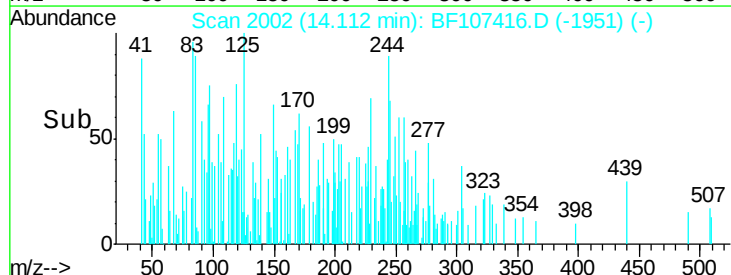
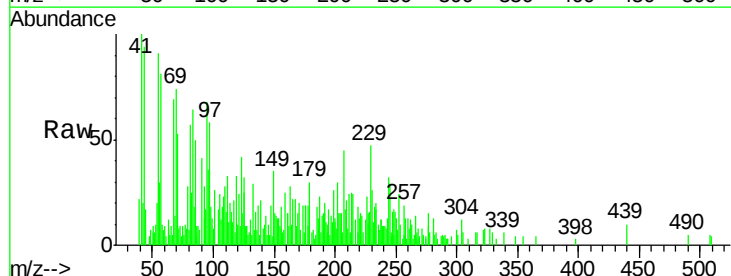
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

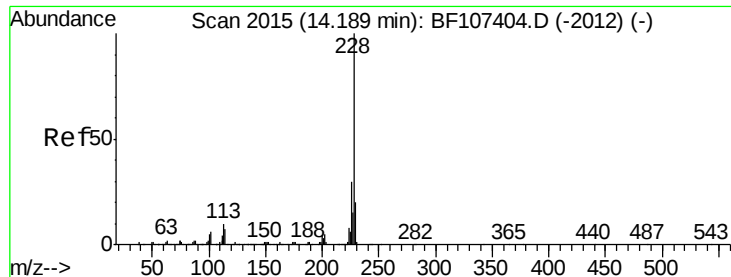
Tgt Ion: 228 Resp: 192235
Ion Ratio Lower Upper
228 100
226 32.7 22.6 33.8
229 20.1 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 0.234 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion: 252 Resp: 2347
Ion Ratio Lower Upper
252 100
254 0.0 50.4 75.6#
126 37.0 11.3 16.9#





#82

Chrysene

Concen: 6.739 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

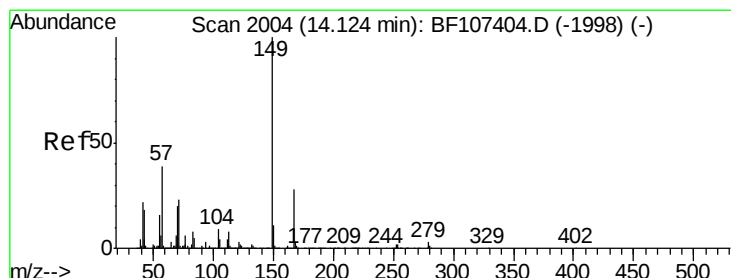
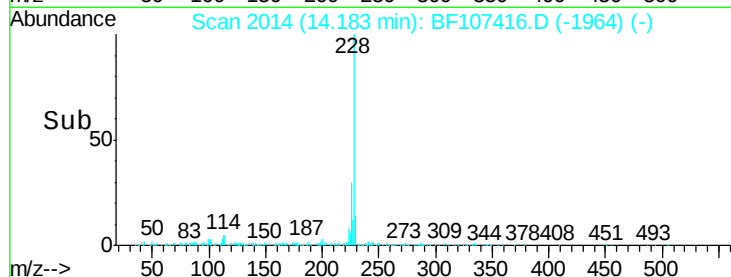
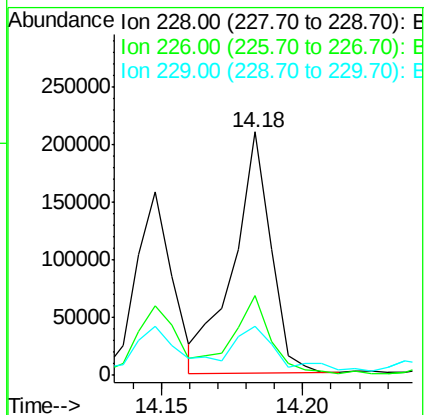
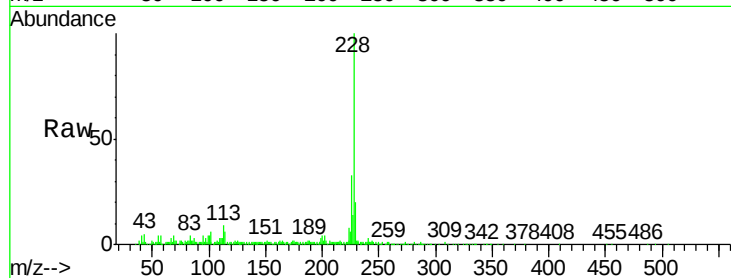
Tgt Ion:228 Resp: 192235

Ion Ratio Lower Upper

228 100

226 32.7 25.0 37.6

229 20.1 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.872 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

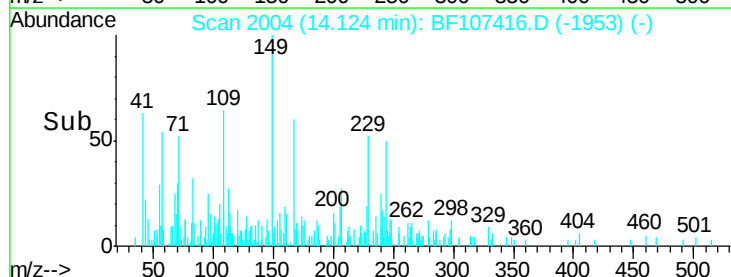
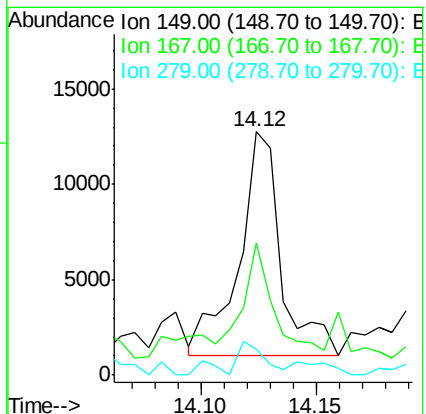
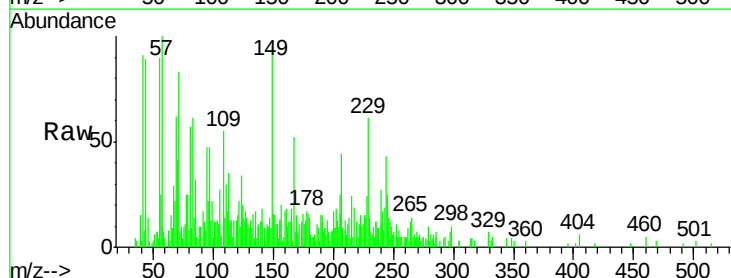
Tgt Ion:149 Resp: 15100

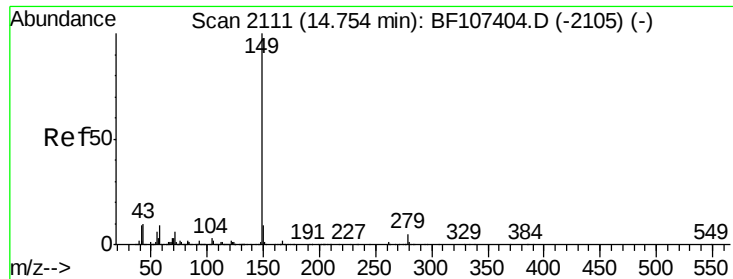
Ion Ratio Lower Upper

149 100

167 54.6 21.3 31.9#

279 10.5 3.0 4.4#

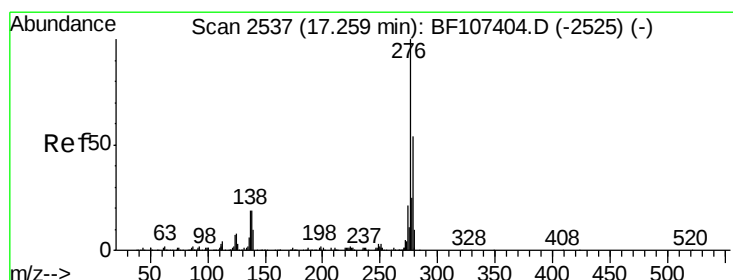
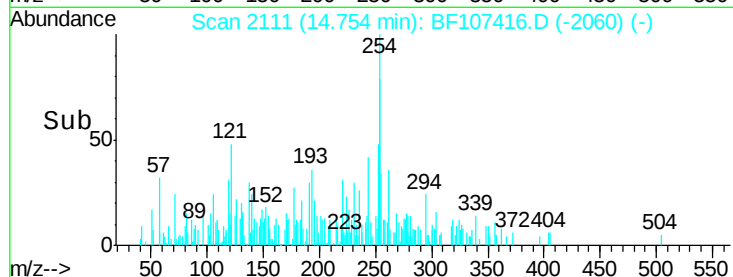
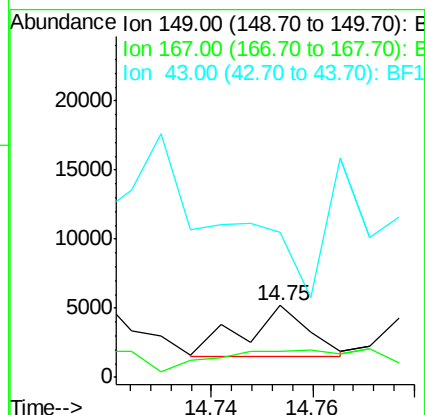
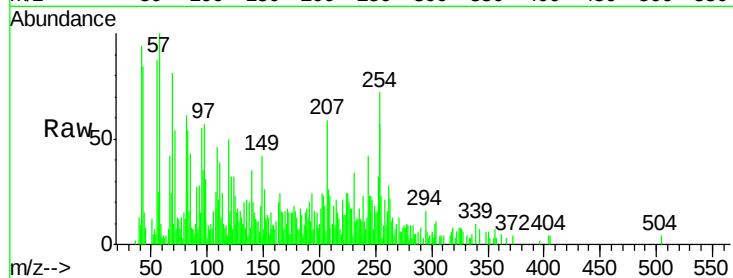




#84
Di-n-octyl phthalate
Concen: 0.117 ng
RT: 14.75 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

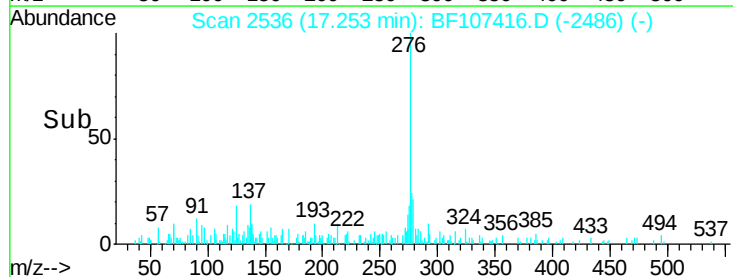
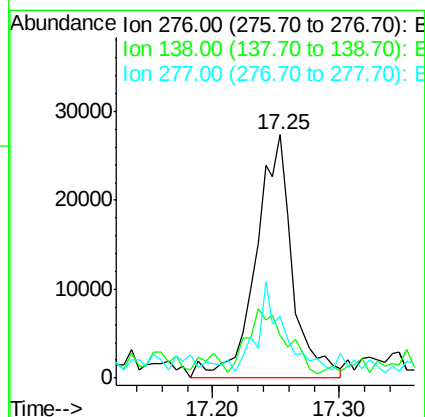
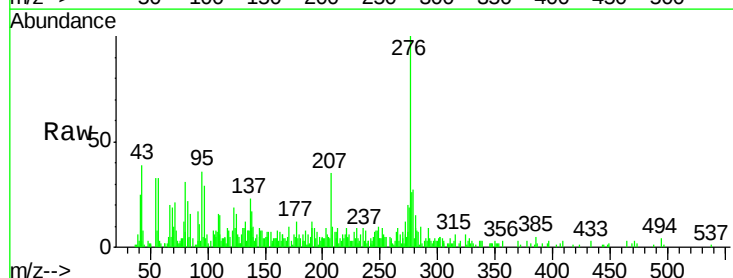
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

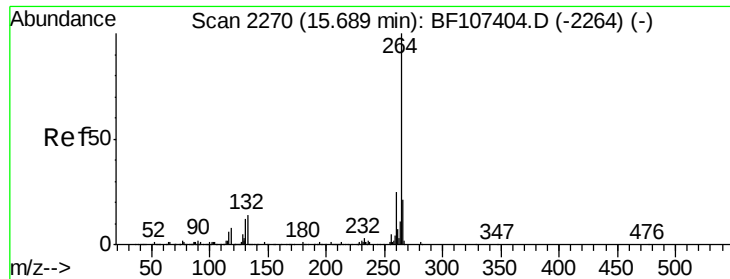
Tgt Ion:149 Resp: 3155
Ion Ratio Lower Upper
149 100
167 84.8 1.2 1.8#
43 286.9 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.701 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion:276 Resp: 54844
Ion Ratio Lower Upper
276 100
138 28.1 25.0 37.6
277 25.9 20.1 30.1

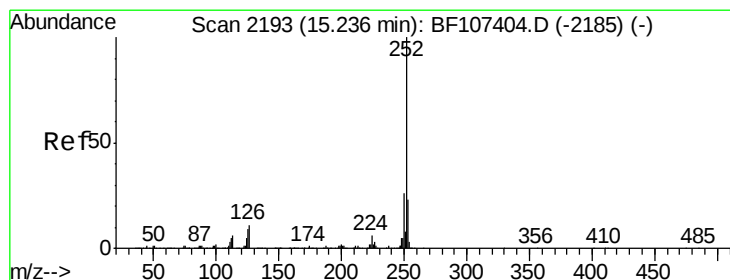
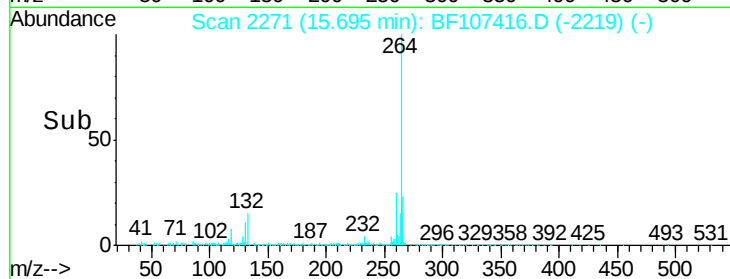
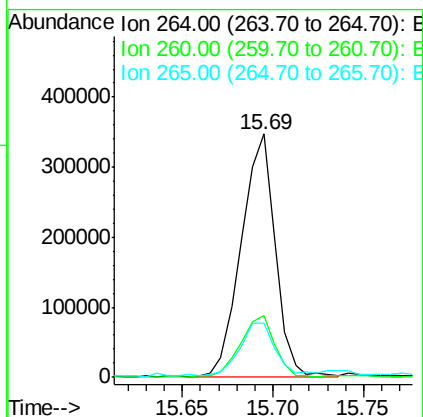
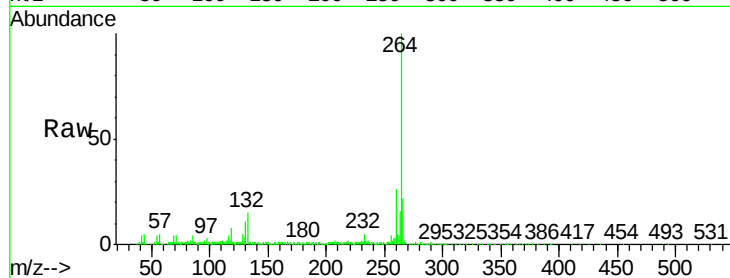




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

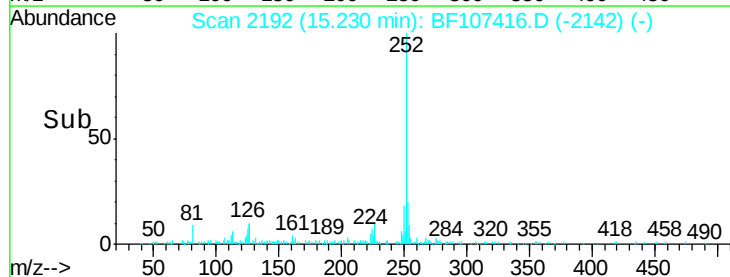
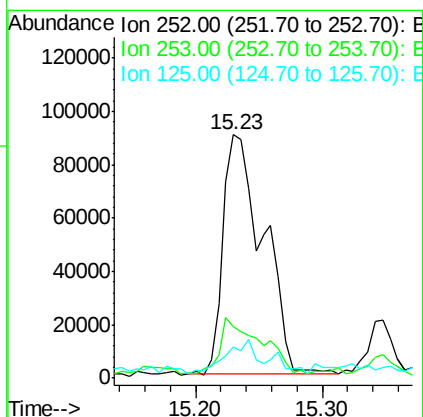
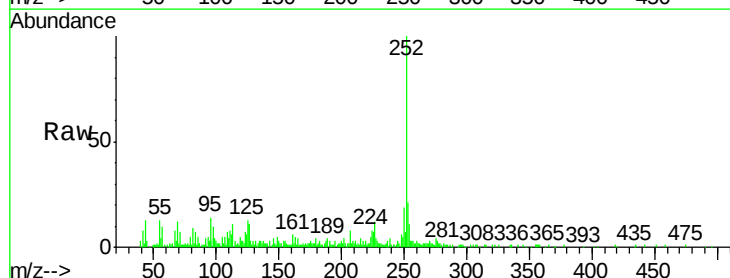
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

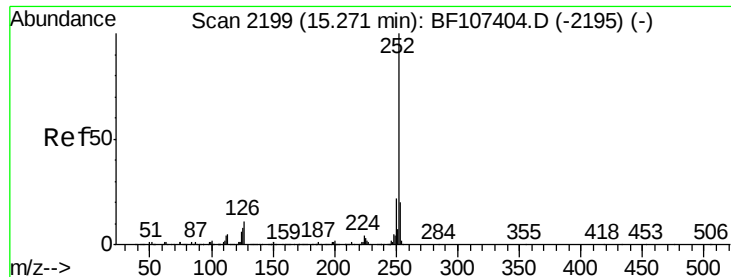
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.5	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 7.475 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	23.6	9.0	13.6

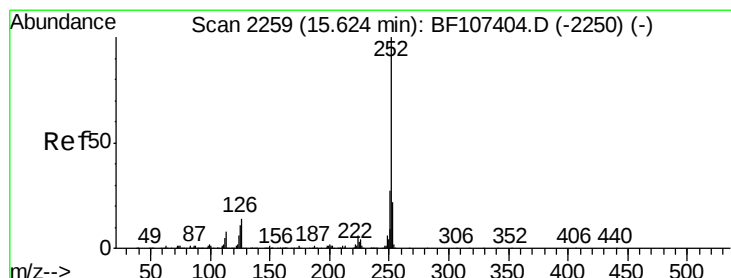
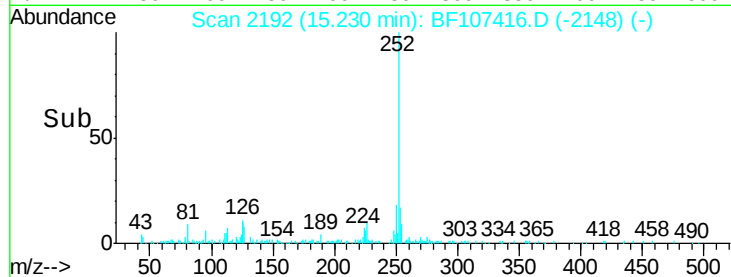
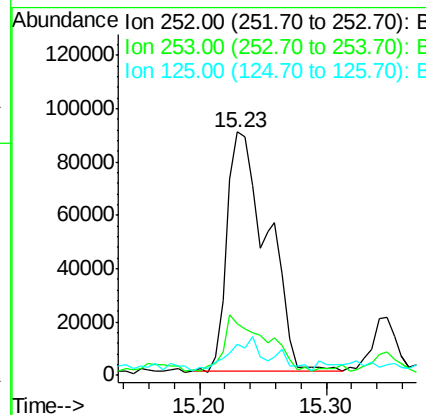
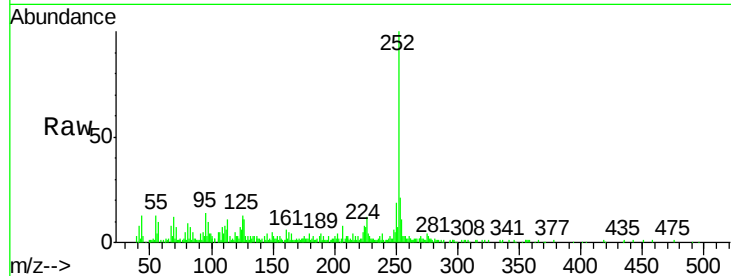




#88
Benzo(k)fluoranthene
Concen: 7.660 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.04 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

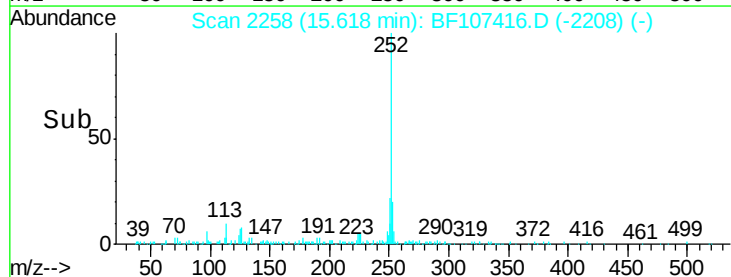
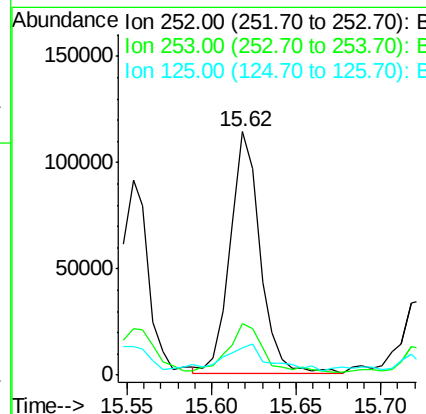
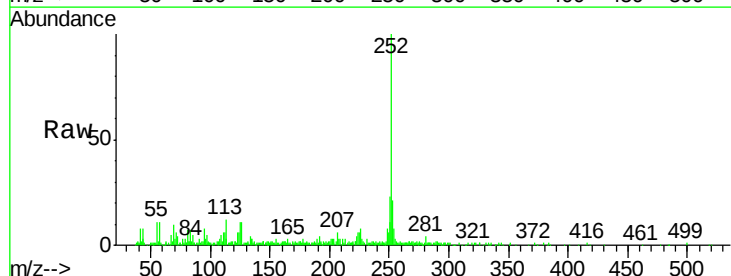
Instrument :
BNA_F
ClientSampleId :
BU-02-071218

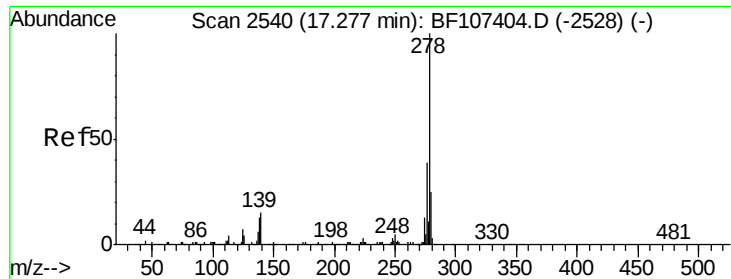
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	23.6	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 5.717 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107416.D
Acq: 16 Jul 2018 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	11.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 0.740 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Instrument :

BNA_F

ClientSampleId :

BU-02-071218

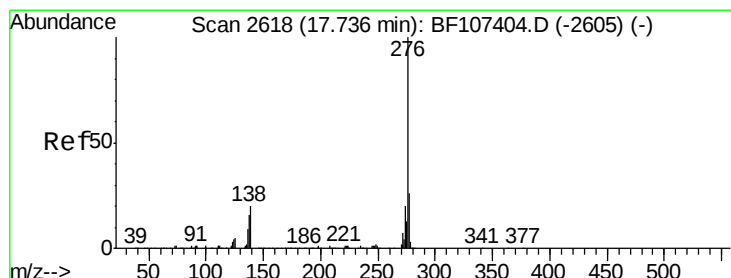
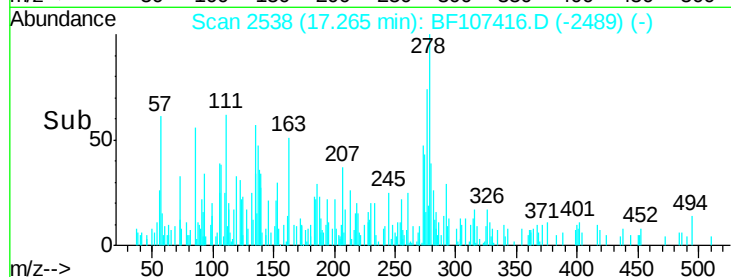
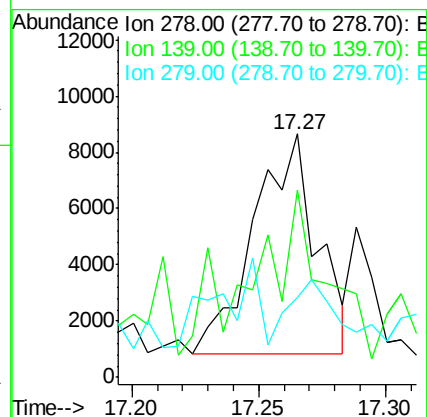
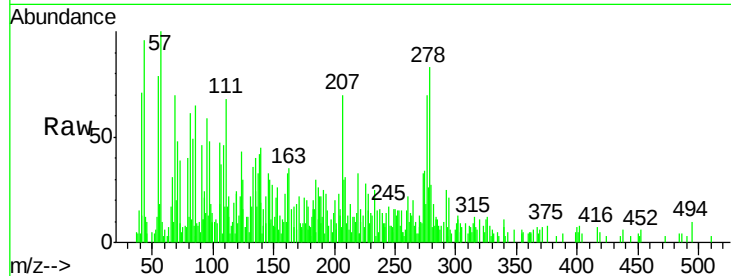
Tgt Ion:278 Resp: 13588

Ion Ratio Lower Upper

278 100

139 77.0 15.9 23.9#

279 32.9 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 3.340 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BF107416.D

Acq: 16 Jul 2018 21:34

Tgt Ion:276 Resp: 62345

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 24.3 21.8 32.8

