

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108420.D
 Acq On : 23 Aug 2018 11:49
 Operator : JU/SJ
 Sample : PB112242BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 12:15:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	146935	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	555982	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	283279	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	568776	20.00	ng	0.00
75) Chrysene-d12	14.20	240	410604	20.00	ng	0.00
86) Perylene-d12	15.75	264	283631	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	1000625	123.29	ng	0.01
7) Phenol-d6	6.63	99	1363990	126.47	ng	0.00
23) Nitrobenzene-d5	7.57	82	905572	90.89	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	422903	149.67	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1738574	98.53	ng	0.00
78) Terphenyl-d14	13.13	244	1857592	115.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	134262	32.195	ng	90
3) Pyridine	3.76	79	390130	36.316	ng	85
4) n-Nitrosodimethylamine	3.73	42	218038	36.071	ng	# 82
6) Aniline	6.67	93	430524	29.347	ng	96
8) 2-Chlorophenol	6.79	128	389016	42.559	ng	94
9) Benzaldehyde	6.55	77	245846	29.401	ng	95
10) Phenol	6.64	94	498806	44.713	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	374131	41.483	ng	94
12) 1,3-Dichlorobenzene	6.94	146	434595	41.119	ng	99
13) 1,4-Dichlorobenzene	7.02	146	439159	41.356	ng	98
14) 1,2-Dichlorobenzene	7.17	146	412915	41.804	ng	99
15) Benzyl Alcohol	7.14	79	352109	38.782	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	710852	38.259	ng	99
17) 2-Methylphenol	7.25	107	353871	45.144	ng	94
18) Hexachloroethane	7.51	117	158671	41.971	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	297763	40.828	ng	89
20) 3+4-Methylphenols	7.40	107	422717	42.082	ng	# 75
22) Acetophenone	7.41	105	559739	43.056	ng	# 90
24) Nitrobenzene	7.58	77	441088	43.779	ng	95
25) Isophorone	7.82	82	818721	43.111	ng	97
26) 2-Nitrophenol	7.90	139	200484	52.691	ng	93
27) 2,4-Dimethylphenol	7.93	122	381848	45.303	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	492410	44.415	ng	99
29) 2,4-Dichlorophenol	8.14	162	365020	47.059	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	378113	44.213	ng	97
31) Naphthalene	8.31	128	1152384	45.576	ng	99
32) Benzoic acid	8.05	122	166274	35.738	ng	91
33) 4-Chloroaniline	8.35	127	237889	21.589	ng	98
34) Hexachlorobutadiene	8.41	225	243227	44.927	ng	100
35) Caprolactam	8.77	113	31545	12.977	ng	92
36) 4-Chloro-3-methylphenol	8.84	107	385894	46.117	ng	100
37) 2-Methylnaphthalene	9.00	142	807662	45.148	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	405708	46.637	ng	98
40) Hexachlorocyclopentadiene	9.15	237	415165	73.887	ng	97

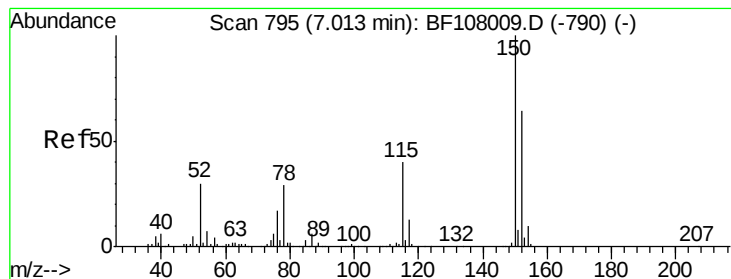
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	267841	49.616	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	291010	48.971	ng	96
45) 1,1'-Biphenyl	9.47	154	989187	47.361	ng	98
46) 2-Chloronaphthalene	9.50	162	763091	46.227	ng	98
47) 2-Nitroaniline	9.59	65	255951	47.920	ng	90
48) Acenaphthylene	9.91	152	1231987	47.207	ng	99
49) Dimethylphthalate	9.77	163	928093	47.033	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	204908	49.633	ng	98
51) Acenaphthene	10.08	154	720255	45.060	ng	98
52) 3-Nitroaniline	10.00	138	127659	28.262	ng	95
53) 2,4-Dinitrophenol	10.11	184	118211	76.816	ng	# 22
54) Dibenzofuran	10.26	168	1075864	46.457	ng	99
55) 4-Nitrophenol	10.17	139	284348	83.129	ng	87
56) 2,4-Dinitrotoluene	10.24	165	274442	51.644	ng	# 93
57) Fluorene	10.60	166	862059	47.024	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	246064	49.541	ng	# 85
59) Diethylphthalate	10.46	149	900788	47.142	ng	97
60) 4-Chlorophenyl-phenylether	10.59	204	447834	46.882	ng	# 88
61) 4-Nitroaniline	10.62	138	204610	45.816	ng	92
62) Azobenzene	10.75	77	903565	45.789	ng	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	92991	44.045	ng	93
65) n-Nitrosodiphenylamine	10.71	169	777131	46.236	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	291619	47.179	ng	# 83
67) Hexachlorobenzene	11.15	284	304365	46.800	ng	# 85
68) Atrazine	11.23	200	268253	47.584	ng	97
69) Pentachlorophenol	11.35	266	273784	87.953	ng	99
70) Phenanthrene	11.57	178	1242761	46.325	ng	99
71) Anthracene	11.62	178	1280617	46.575	ng	99
72) Carbazole	11.78	167	1091686	44.687	ng	99
73) Di-n-butylphthalate	12.09	149	1369982	49.510	ng	99
74) Fluoranthene	12.77	202	1325889	45.285	ng	96
76) Benzidine	12.88	184	624451	40.704	ng	98
77) Pyrene	13.00	202	1320223	50.787	ng	99
79) Butylbenzylphthalate	13.60	149	563029	54.544	ng	# 95
80) Benzo(a)anthracene	14.19	228	1103431	46.826	ng	98
81) 3,3'-Dichlorobenzidine	14.14	252	182592	21.622	ng	# 96
82) Chrysene	14.23	228	1007851	46.652	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	771634	55.202	ng	99
84) Di-n-octyl phthalate	14.77	149	1207085	56.622	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	770198	41.146	ng	# 90
87) Benzo(b)fluoranthene	15.29	252	834470	49.237	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	762043	48.913	ng	# 96
89) Benzo(a)pyrene	15.69	252	719315	47.396	ng	98
90) Dibenzo(a,h)anthracene	17.39	278	644213	51.303	ng	# 93
91) Benzo(g,h,i)perylene	17.87	276	647588	52.373	ng	# 91

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

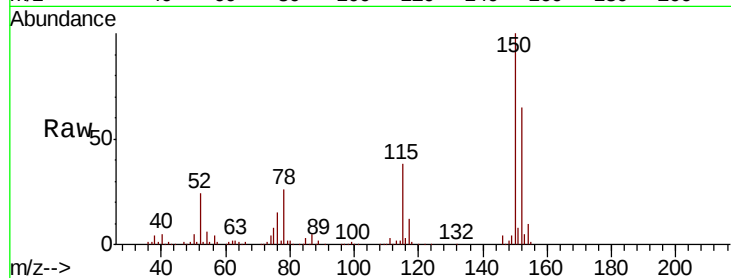


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	59.0	50.1	75.1

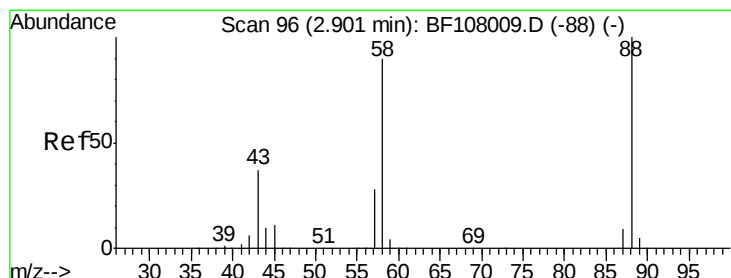
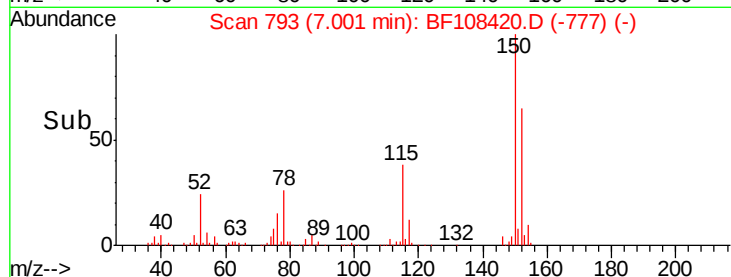
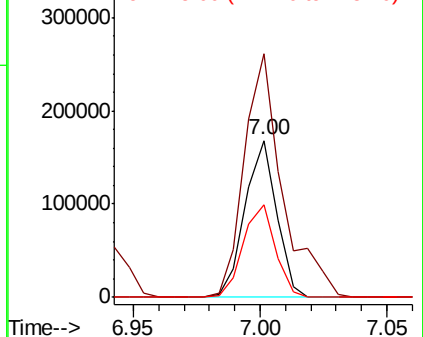


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

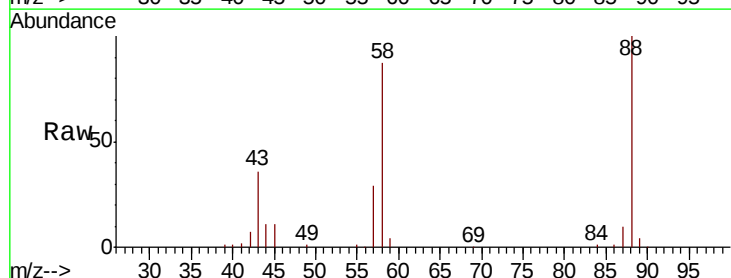
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.195 ng
RT: 3.02 min Scan# 116
Delta R.T. 0.15 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	62.6	93.8
43	33.9	24.6	37.0

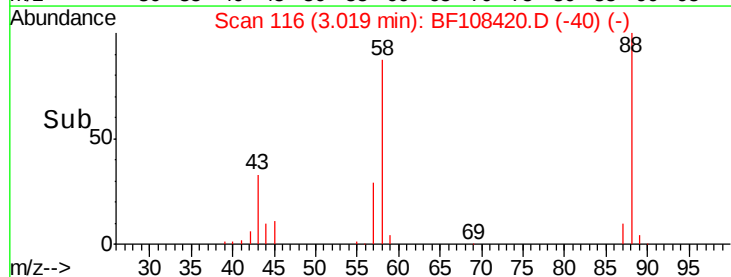
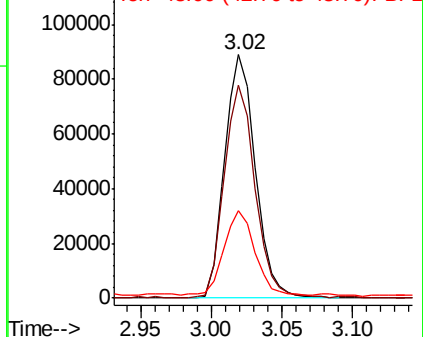


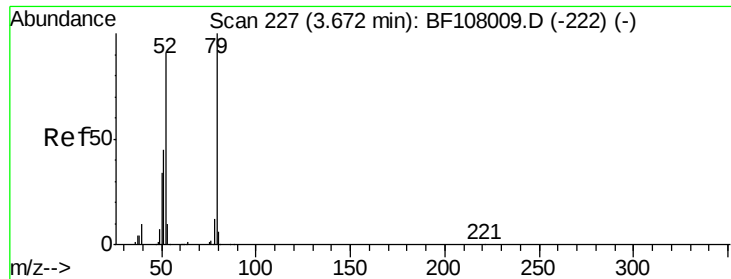
Abundance

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

Pvridine

Concen: 36.316 ng

RT: 3.76 min Scan# 242

Delta R.T. 0.10 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

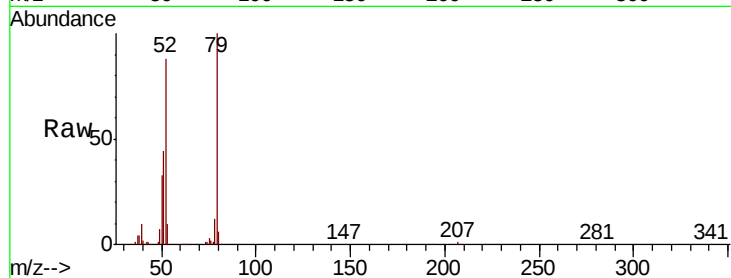
Tot Ion: 79 Resp: 390130

Ion Ratio Lower Upper

79 100

52 88.3 59.8 89.6

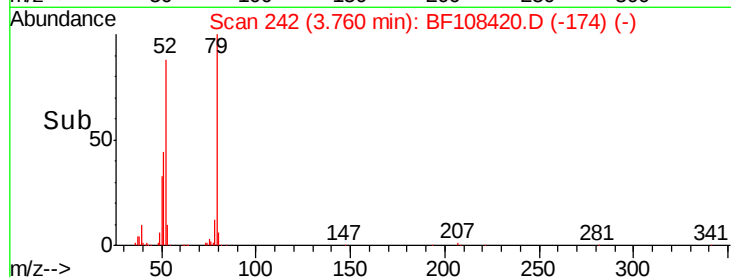
51 44.4 29.8 44.8



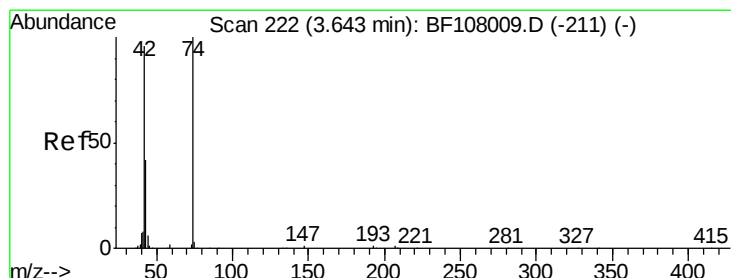
Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

3.76

Time-->



Time-->



#4

n-Nitrosodimethylamine

Concen: 36.071 ng

RT: 3.73 min Scan# 236

Delta R.T. 0.09 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

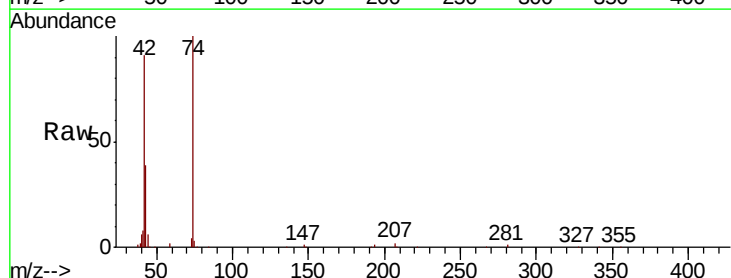
Tgt Ion: 42 Resp: 218038

Ion Ratio Lower Upper

42 100

74 109.6 104.9 157.3

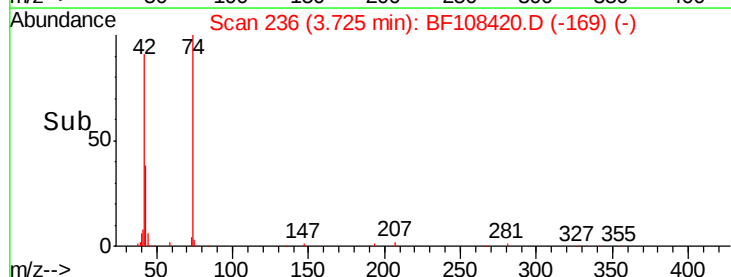
44 6.5 6.9 10.3#



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

3.73

Time-->





#5

2-Fluorophenol

Concen: 123.292 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

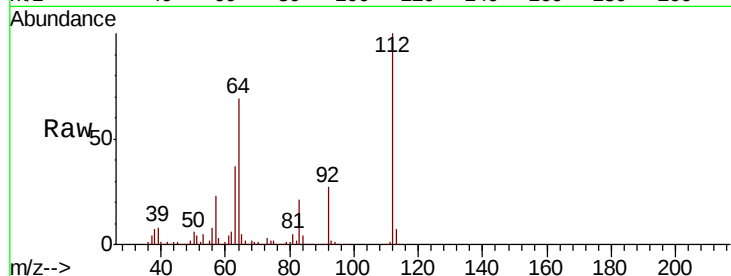
Tot Ion:112 Resp: 1000625

Ion Ratio Lower Upper

112 100

64 69.3 47.9 71.9

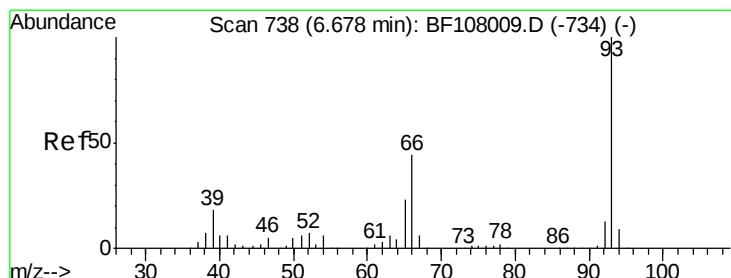
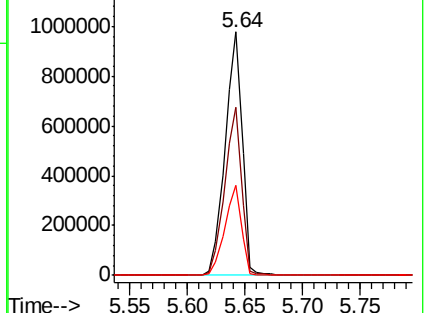
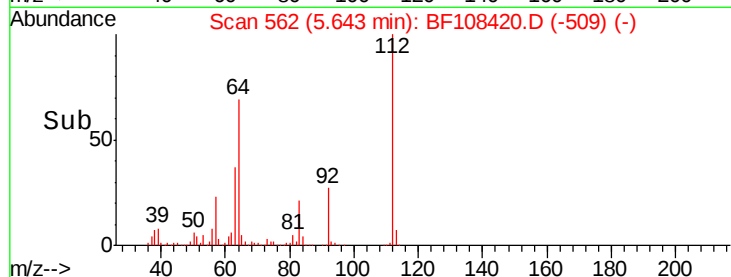
63 36.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.347 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

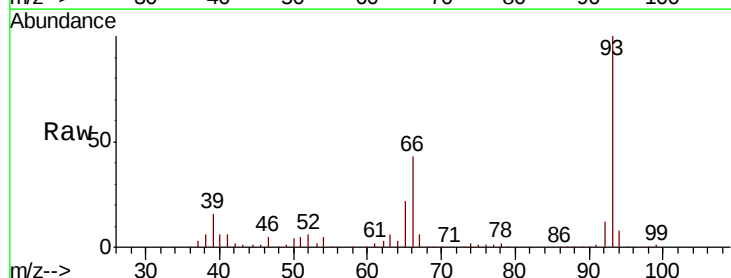
Tgt Ion: 93 Resp: 430524

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

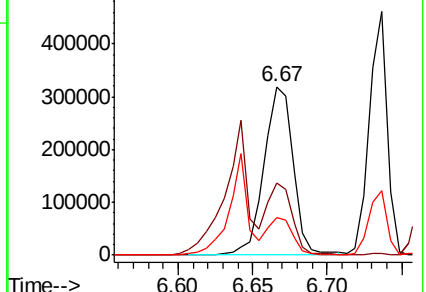
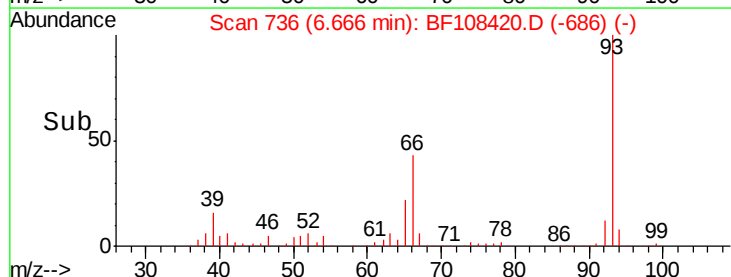
65 22.4 16.4 24.6

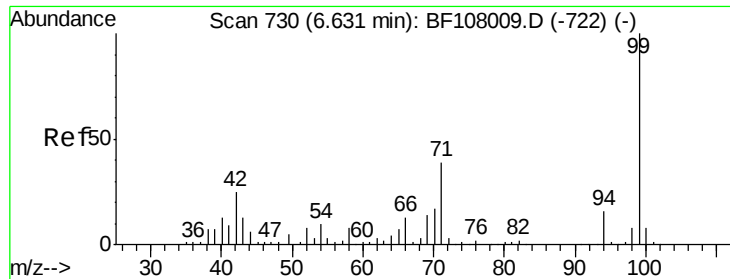


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.471 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

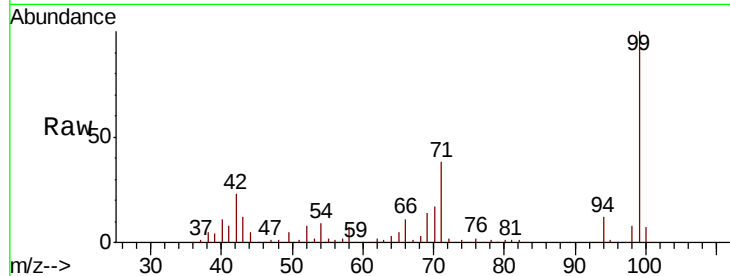
Instrument :

BNA_F

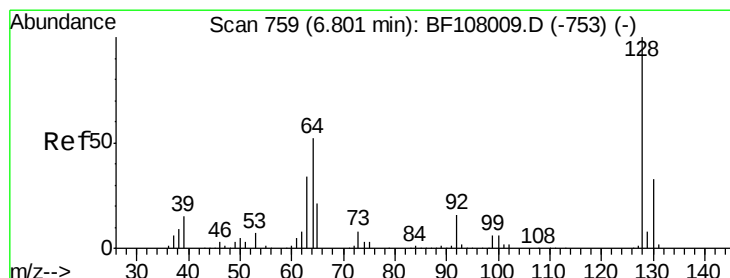
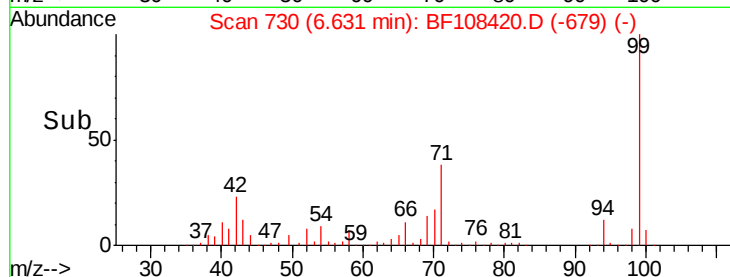
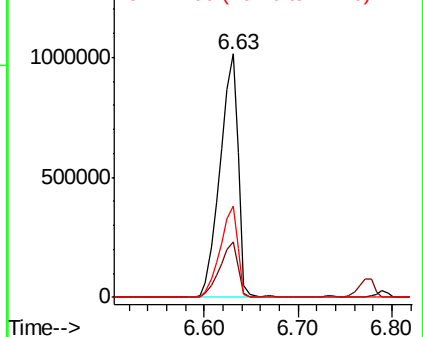
ClientSampled :

Tot Ion: 99 Resp: 1363990

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	37.6	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: 42.559 ng

RT: 6.79 min Scan# 757

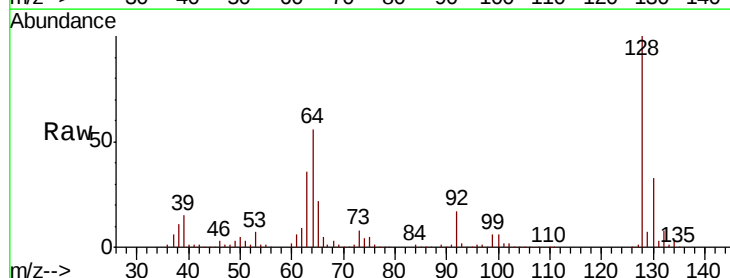
Delta R.T. -0.01 min

Lab File: BF108420.D

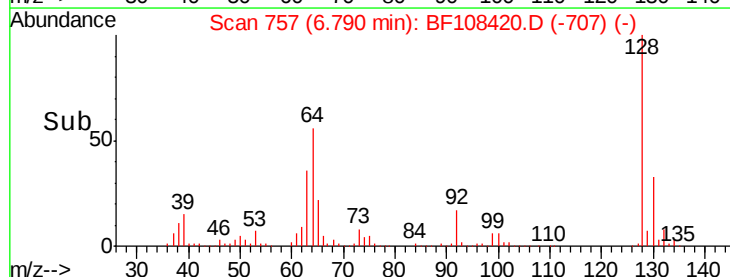
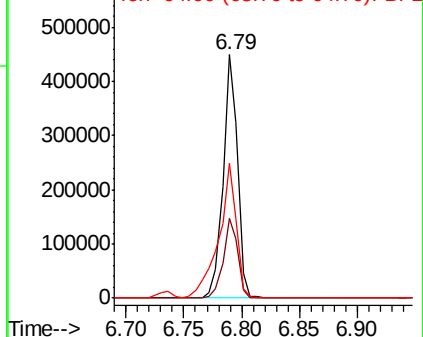
Acq: 23 Aug 2018 11:49

Tgt Ion: 128 Resp: 389016

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	55.6	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: 29.401 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

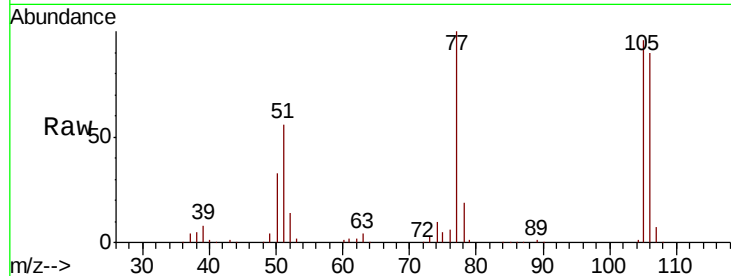
Tot Ion: 77 Resp: 245846

Ion Ratio Lower Upper

77 100

105 95.6 81.1 121.1

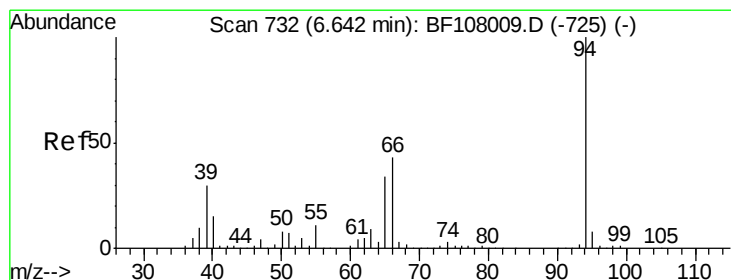
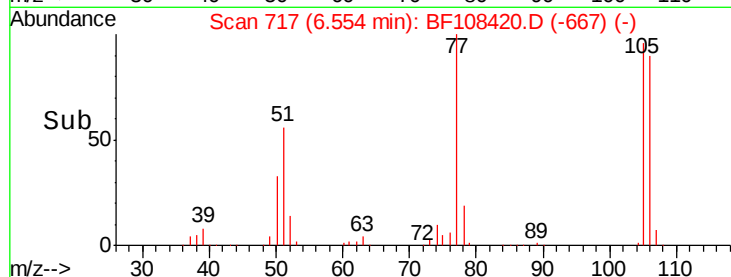
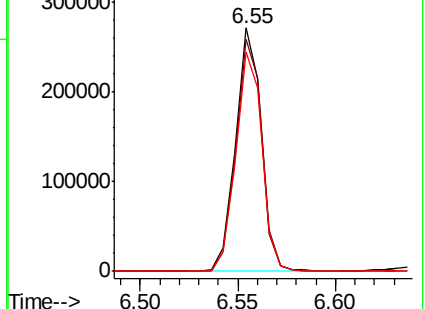
106 90.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.713 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

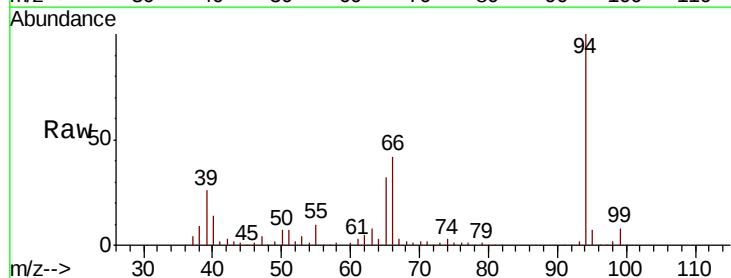
Tgt Ion: 94 Resp: 498806

Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

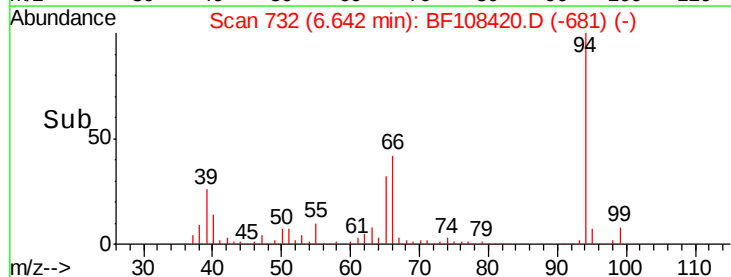
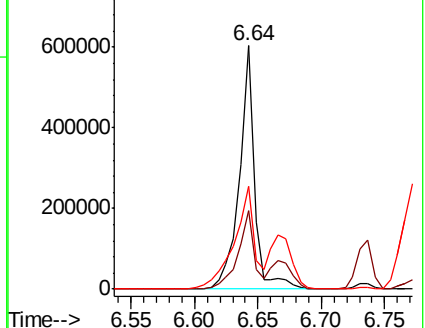
66 42.3 16.2 56.2

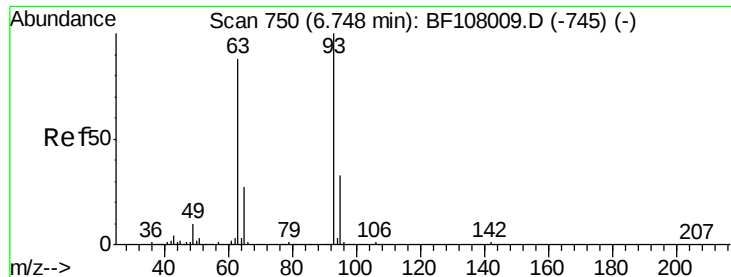


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

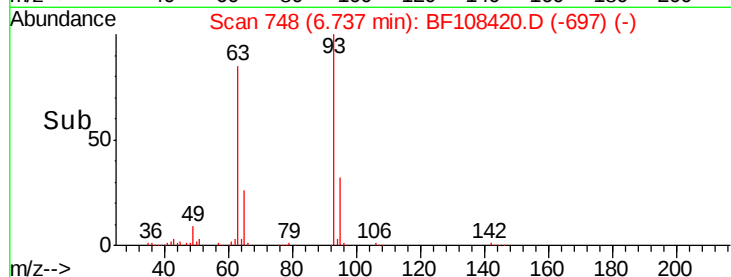
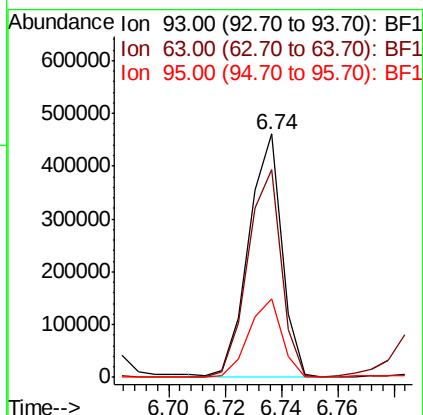
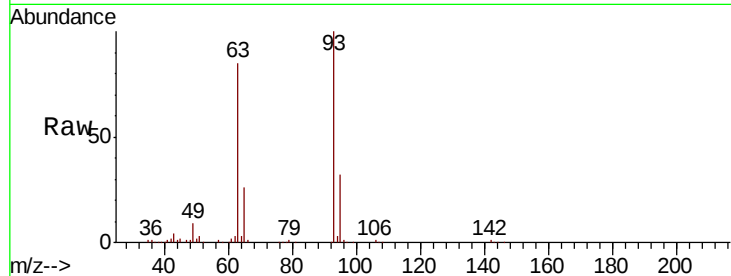




#11
 bis(2-Chloroethyl)ether
 Concen: 41.483 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

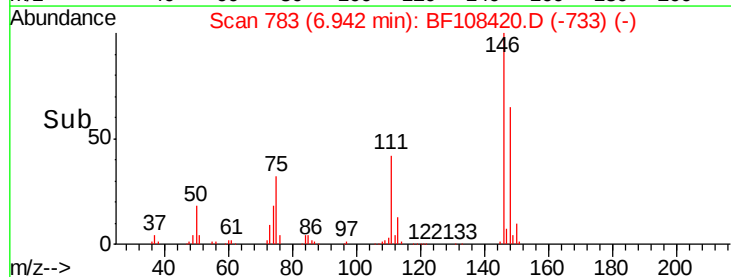
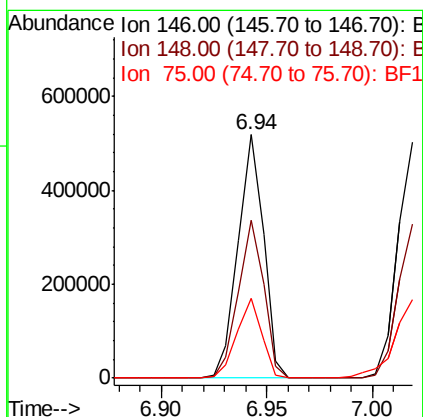
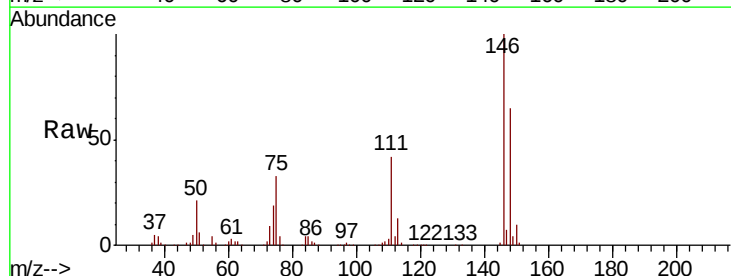
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 374131
 Ion Ratio Lower Upper
 93 100
 63 85.2 58.6 98.6
 95 32.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.119 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion: 146 Resp: 434595
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.8
 75 32.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.356 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

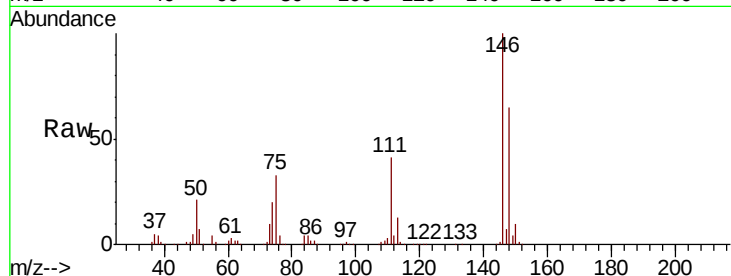
Tot Ion:146 Resp: 439159

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

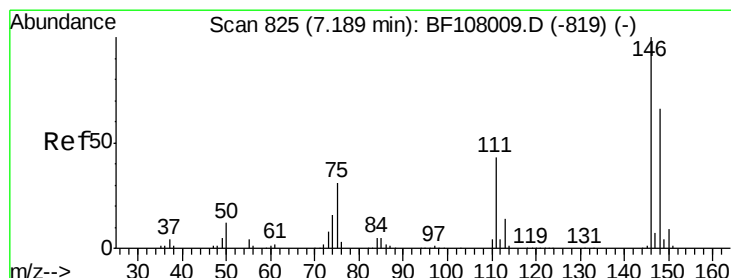
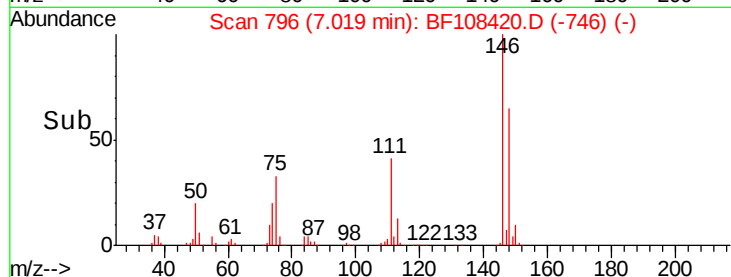
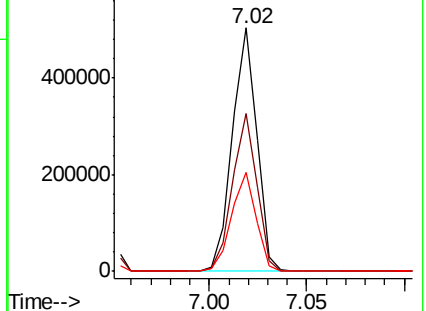
111 40.8 34.2 51.2



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: 41.804 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

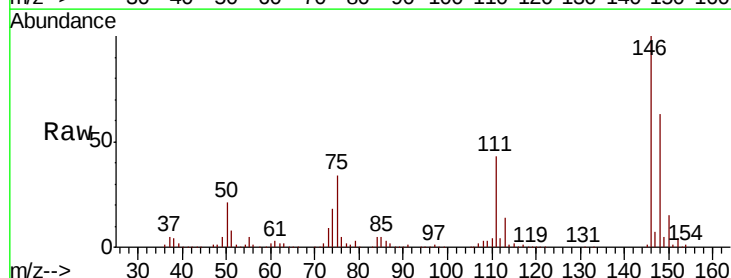
Tgt Ion:146 Resp: 412915

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

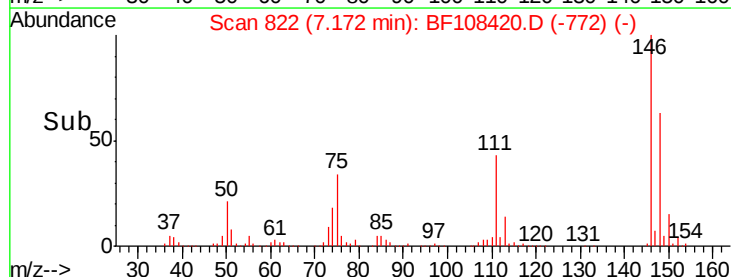
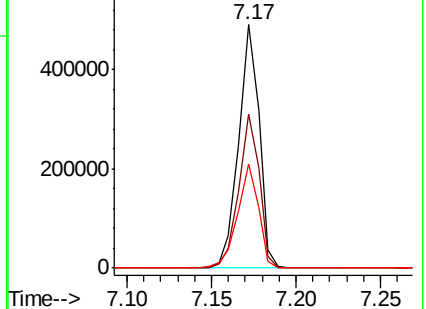
111 42.8 36.0 54.0



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: 38.782 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

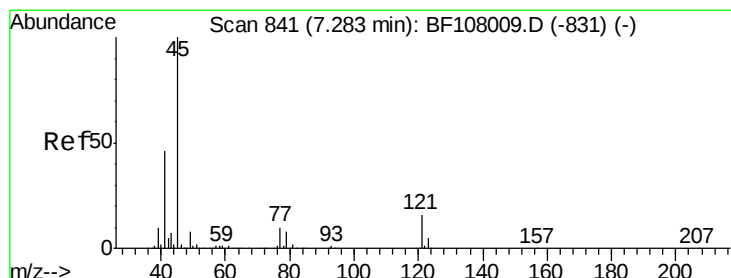
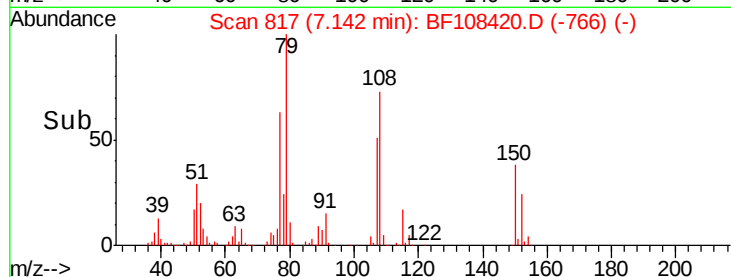
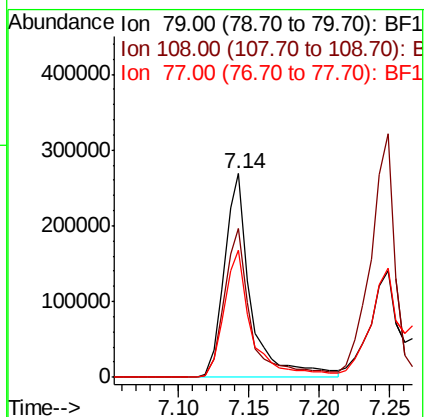
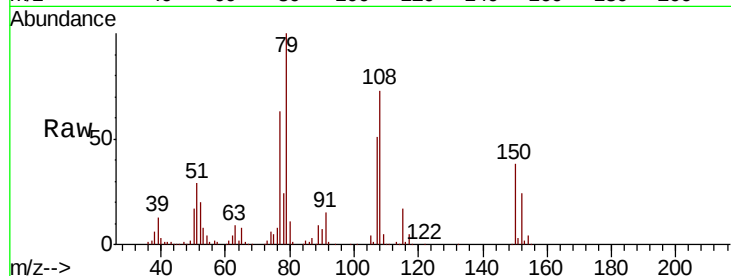
Tot Ion: 79 Resp: 352109

Ion Ratio Lower Upper

79 100

108 73.5 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.259 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

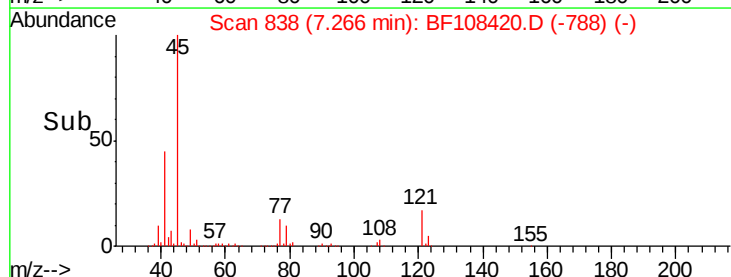
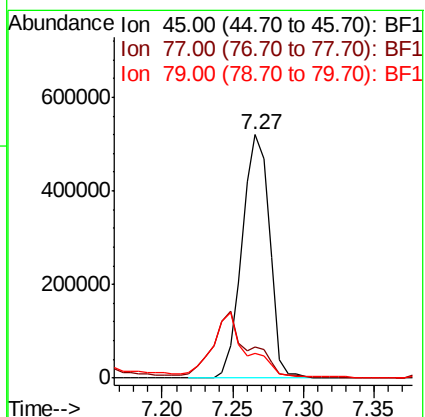
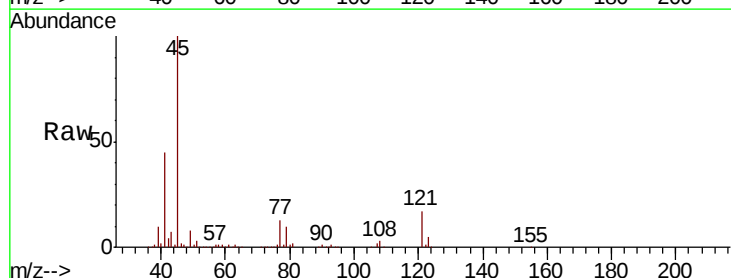
Tgt Ion: 45 Resp: 710852

Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.9

79 10.0 0.0 29.6

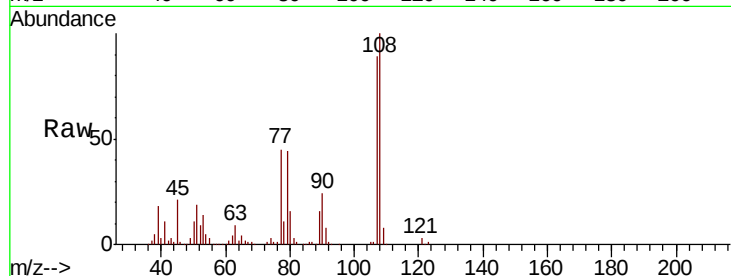




#17
2-Methylphenol
Concen: 45.144 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	50.5	33.8	50.8
79	49.6	33.8	50.8



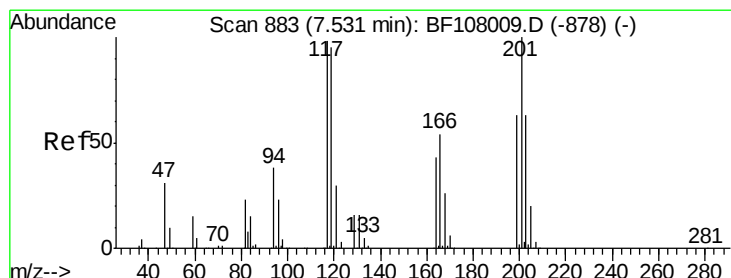
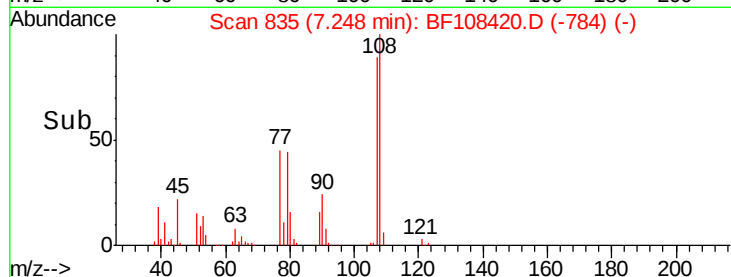
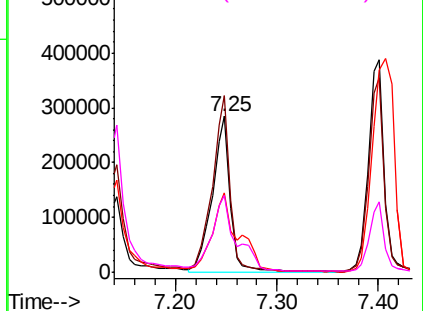
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

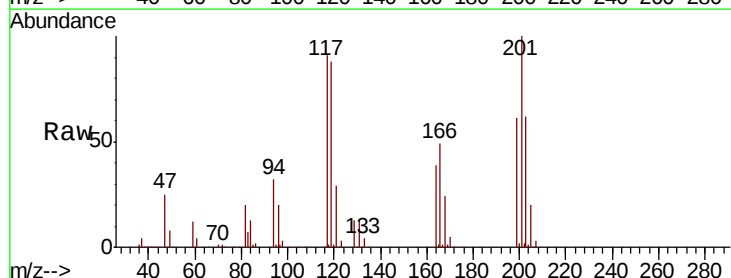
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.971 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	109.5	75.7	113.5

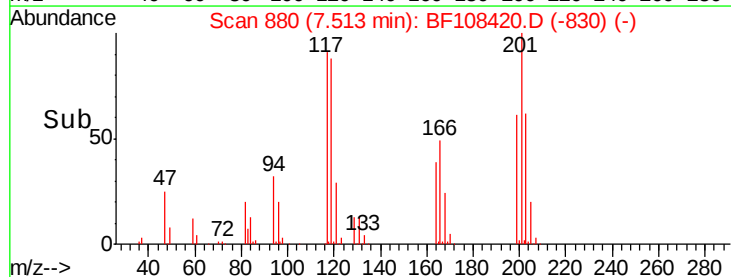
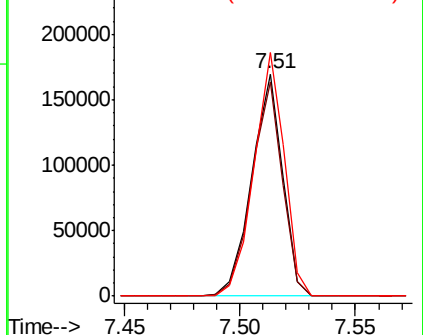


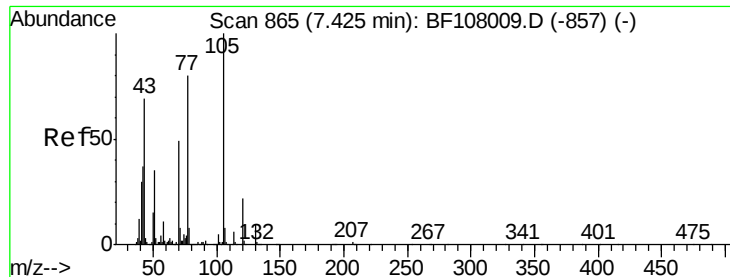
Abundance

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

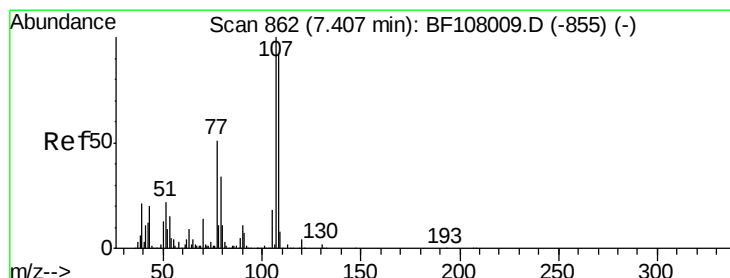
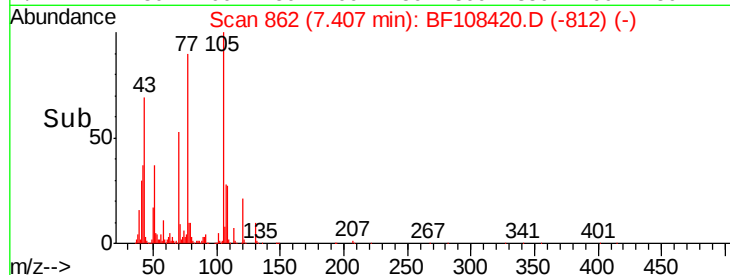
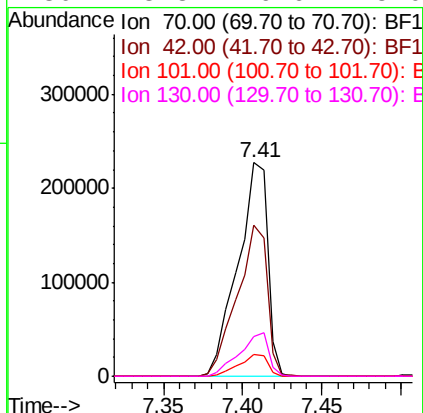
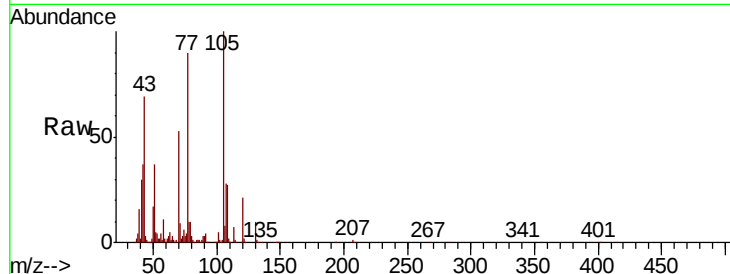




#19
n-Nitroso-di-n-propylamine
Concen: 40.828 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

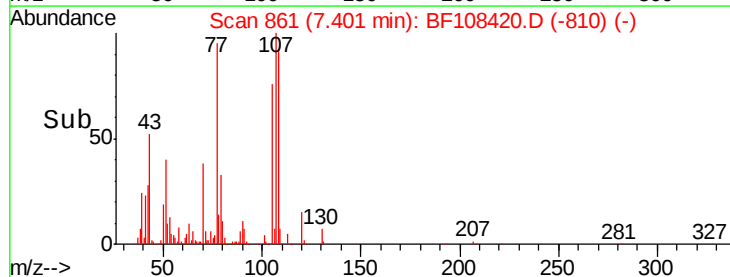
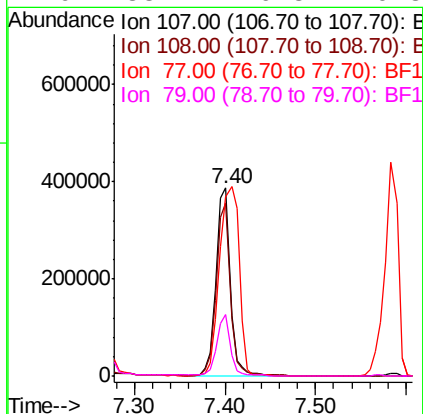
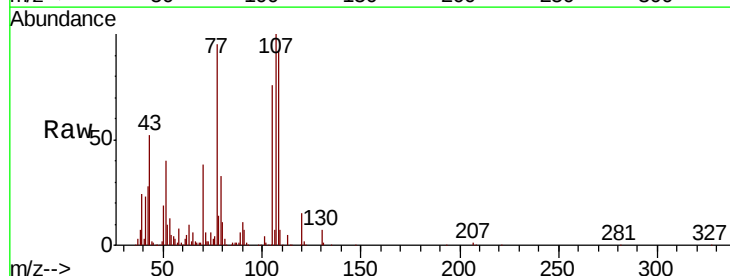
Instrument :
BNA_F
ClientSampleId :

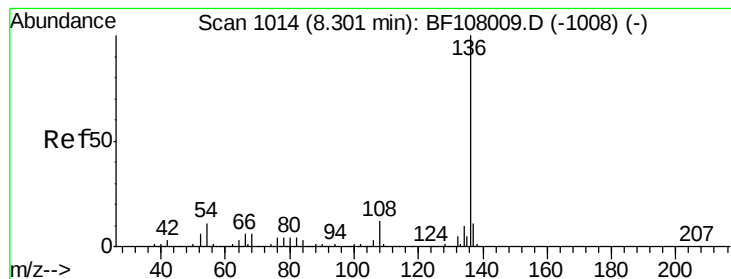
Tot Ion: 70 Resp: 297763
Ion Ratio Lower Upper
70 100
42 70.8 47.5 71.3
101 9.9 7.4 11.2
130 18.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.082 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion: 107 Resp: 422717
Ion Ratio Lower Upper
107 100
108 92.0 68.2 108.2
77 95.1 26.7 66.7#
79 33.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 555982

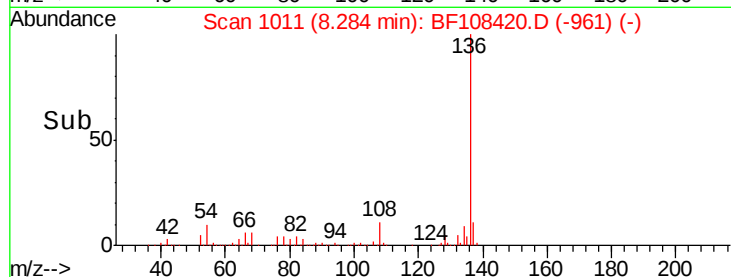
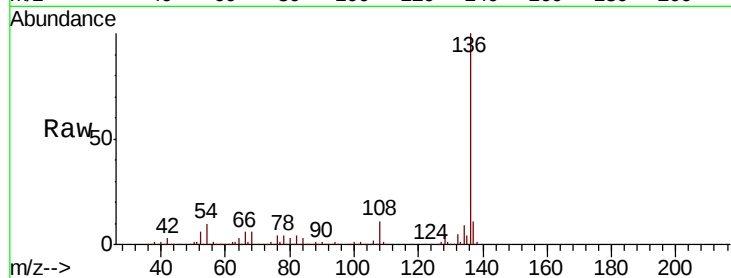
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.8 6.6 9.8

68 6.1 5.0 7.4

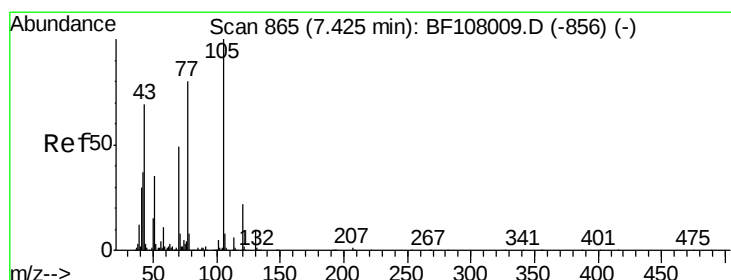
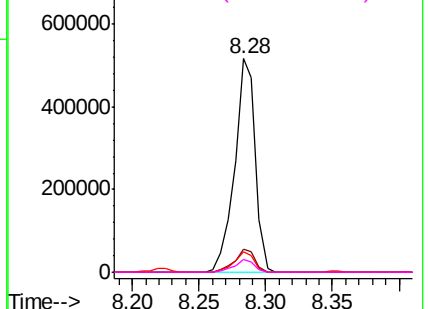


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.056 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion:105 Resp: 559739

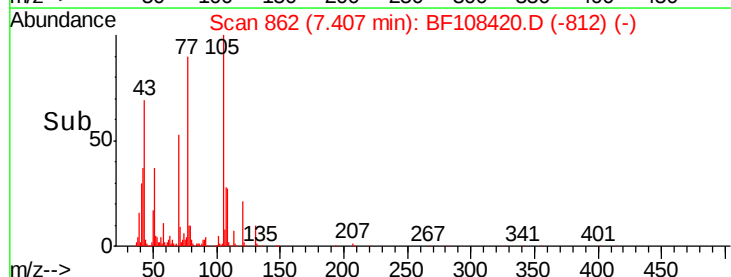
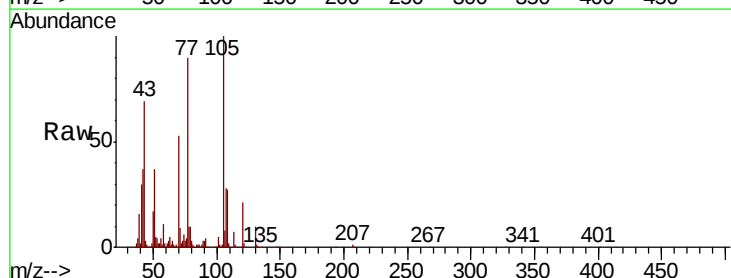
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 36.7 22.3 33.5#

120 21.4 16.9 25.3

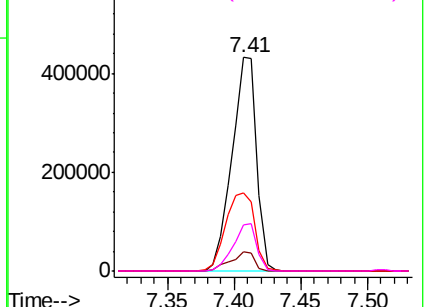


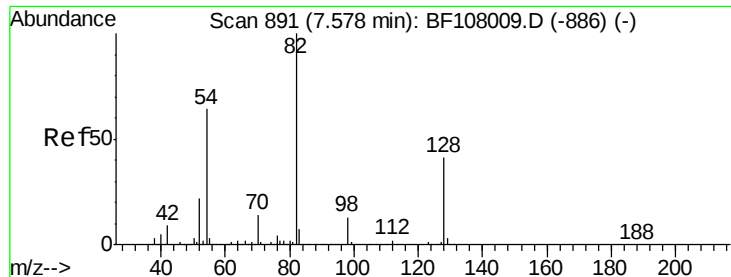
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

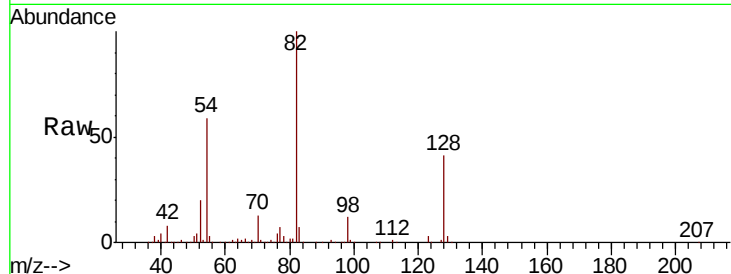




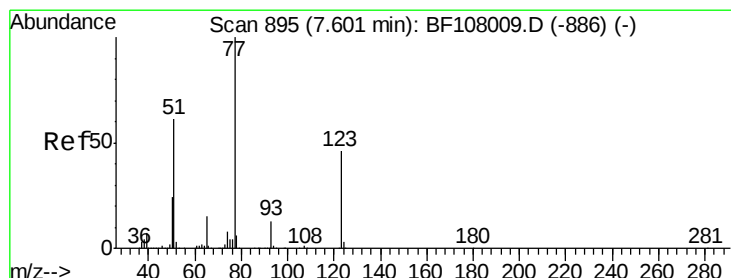
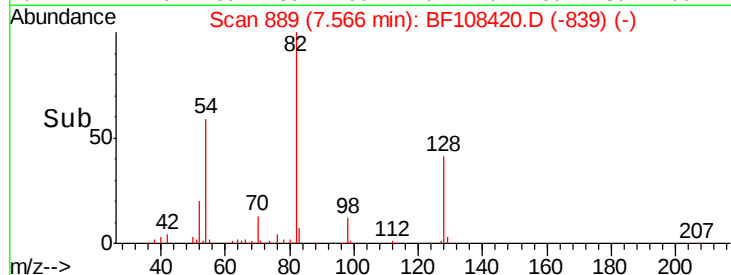
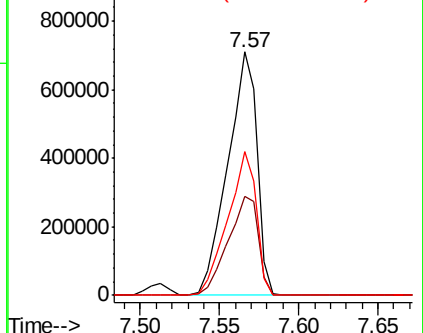
#23
Nitrobenzene-d5
Concen: 90.888 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	905572
Ion Ratio	Lower	Upper	
82	100		
128	40.8	36.1	54.1
54	58.9	41.4	62.2

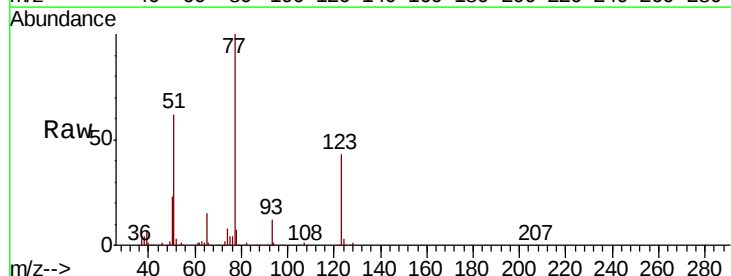


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

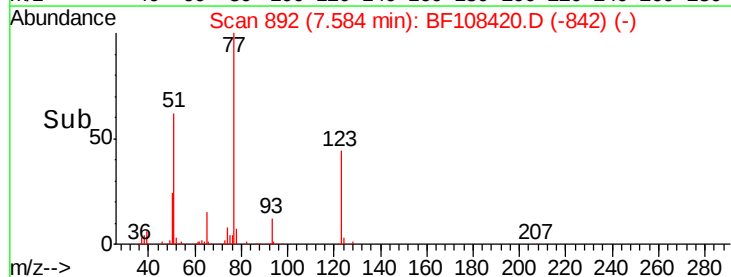
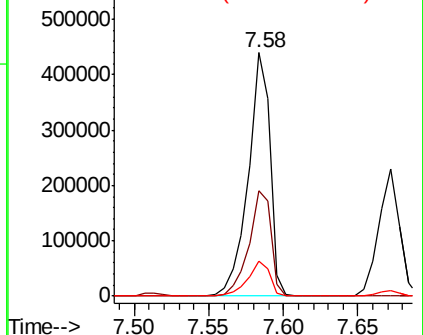


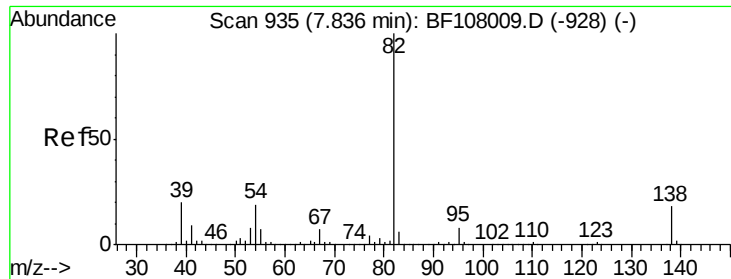
#24
Nitrobenzene
Concen: 43.779 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	77	Resp	441088
Ion Ratio	Lower	Upper	
77	100		
123	43.4	37.9	56.9
65	14.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.111 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

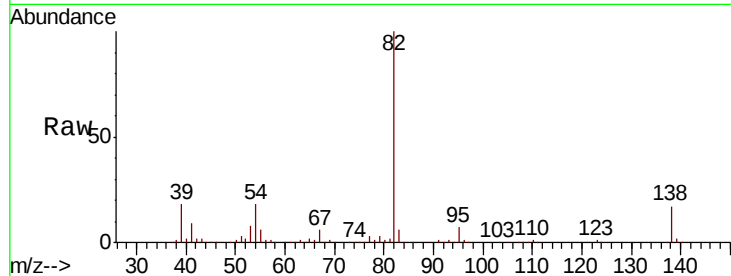
Tot Ion: 82 Resp: 818721

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

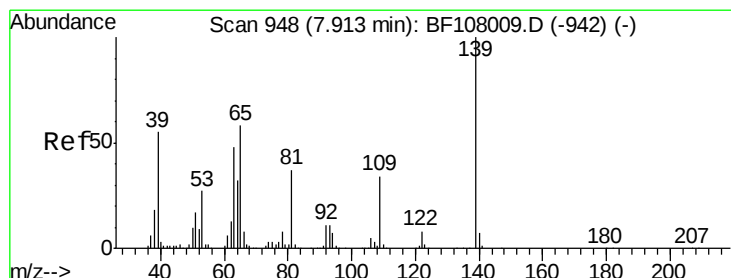
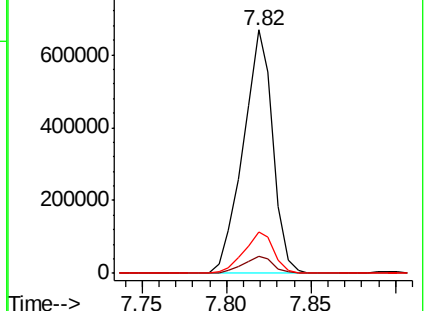
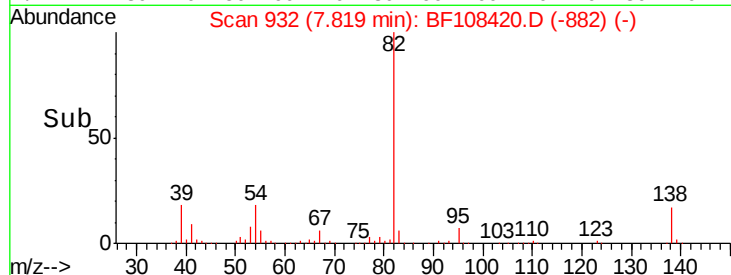
138 16.8 14.9 22.3



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: 52.691 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

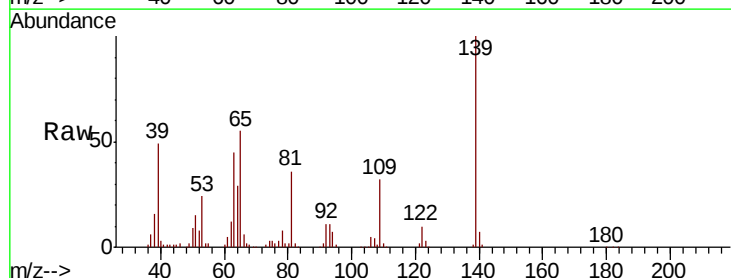
Tgt Ion: 139 Resp: 200484

Ion Ratio Lower Upper

139 100

109 31.9 22.7 34.1

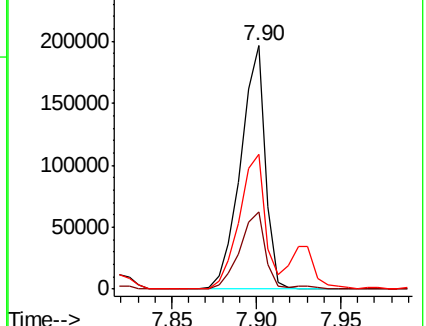
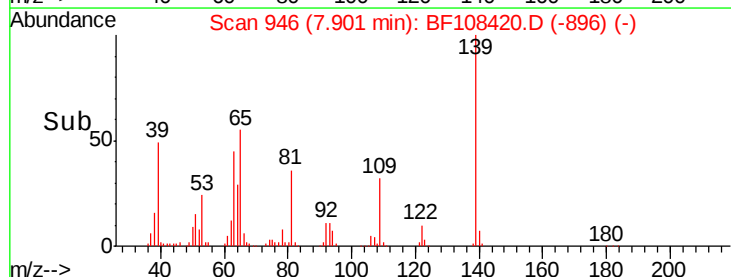
65 55.4 40.5 60.7

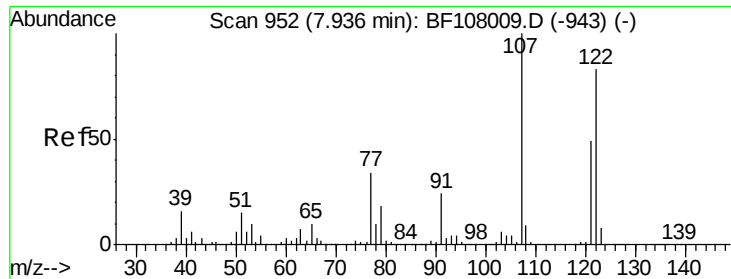


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

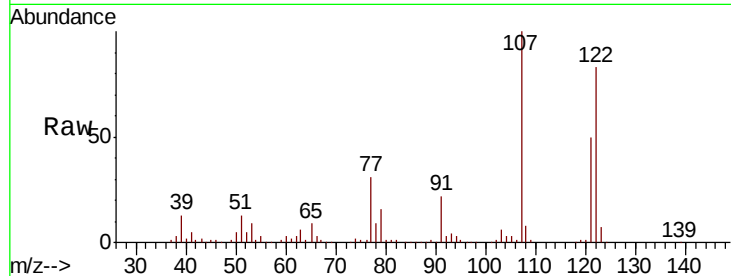




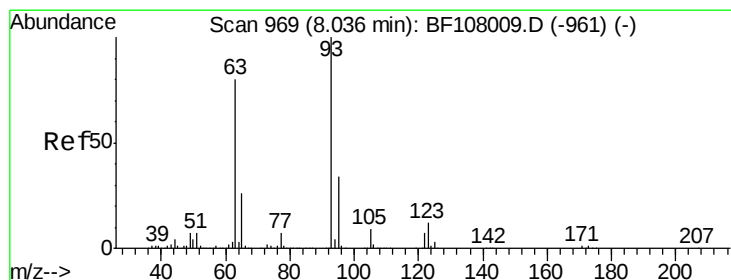
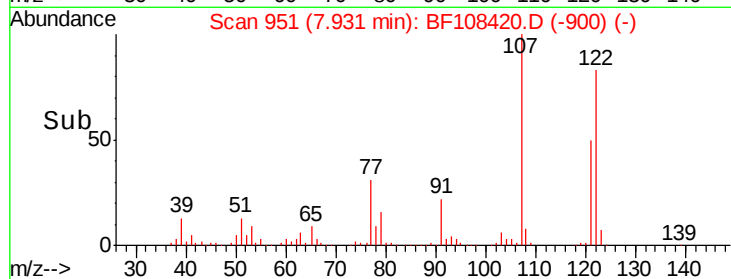
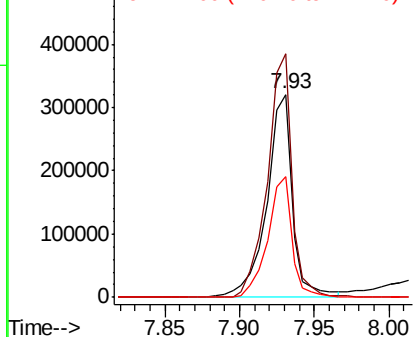
#27
 2,4-Dimethylphenol
 Concen: 45.303 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 381848
 Ion Ratio Lower Upper
 122 100
 107 120.0 91.2 136.8
 121 59.4 47.2 70.8

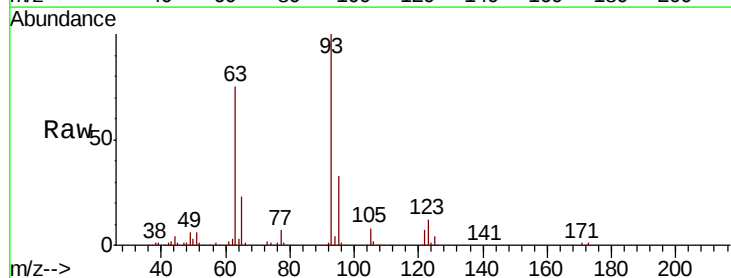


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

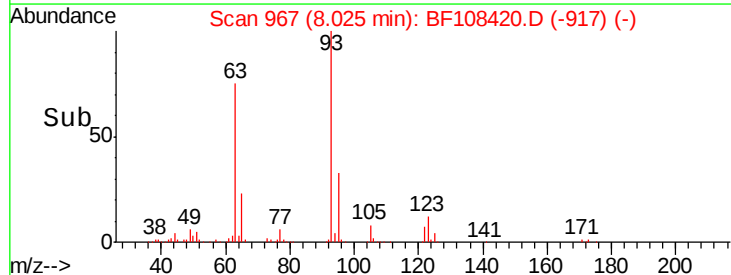
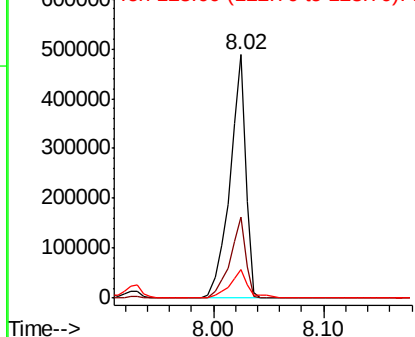


#28
 bis(2-Chloroethoxy)methane
 Concen: 44.415 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion: 93 Resp: 492410
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.3 39.5
 123 11.7 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

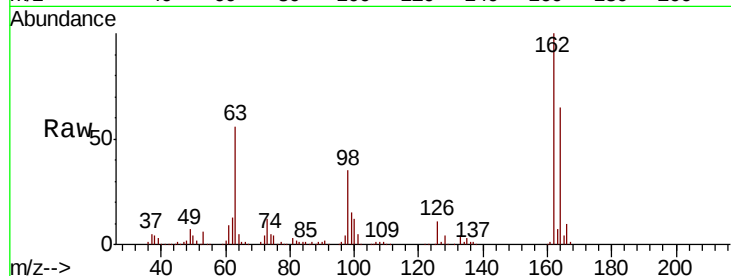




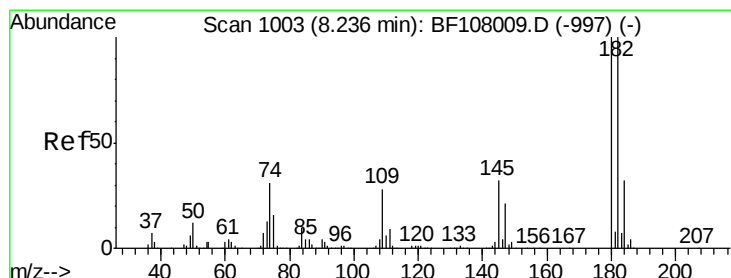
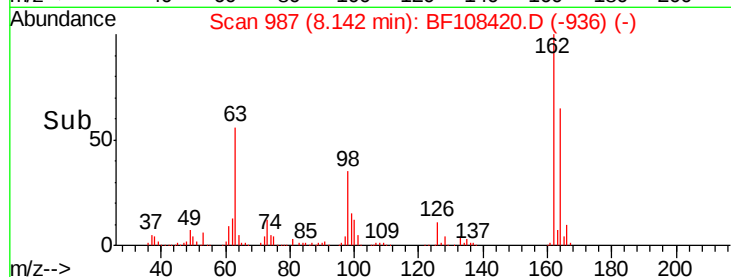
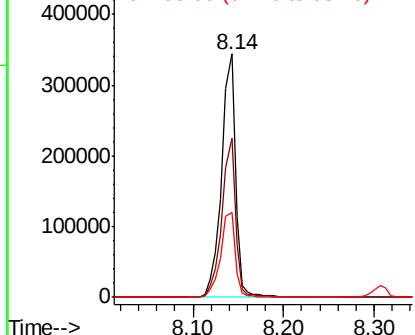
#29
2,4-Dichlorophenol
Concen: 47.059 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.7	82.7
98	34.7	18.1	58.1

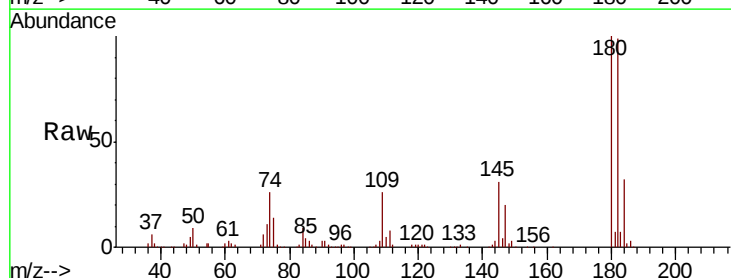


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

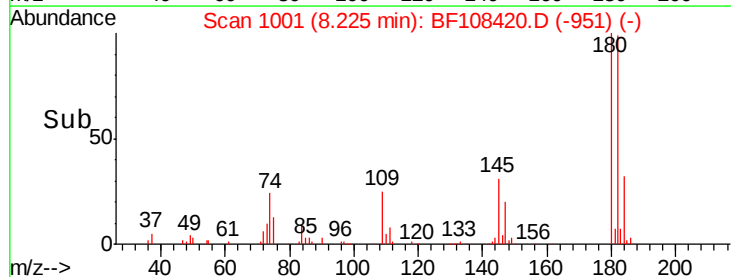
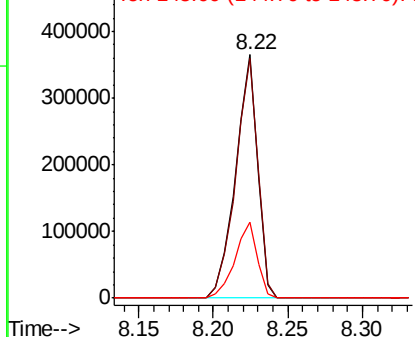


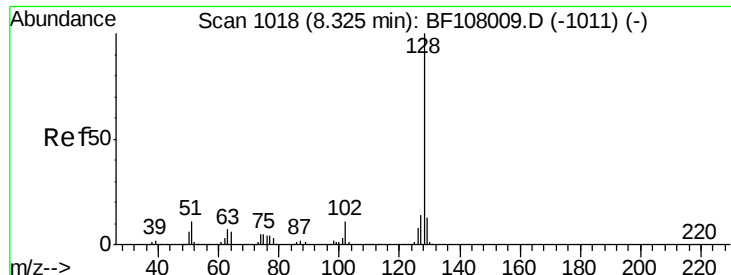
#30
1,2,4-Trichlorobenzene
Concen: 44.213 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
145	31.0	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

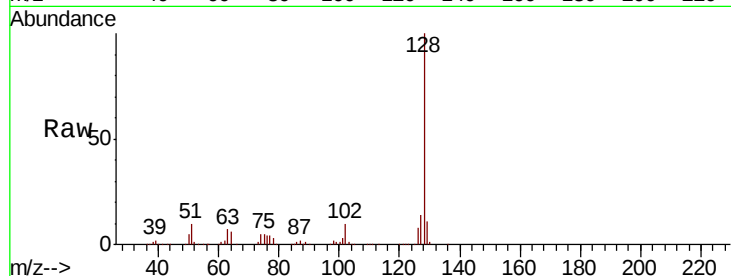




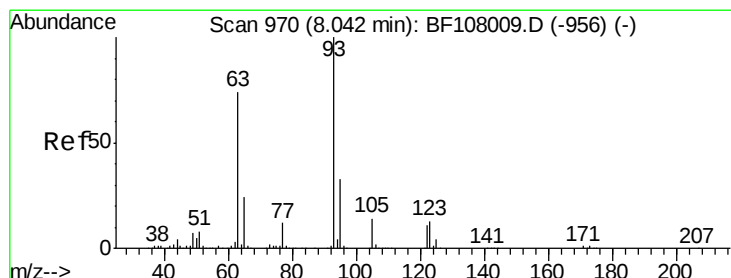
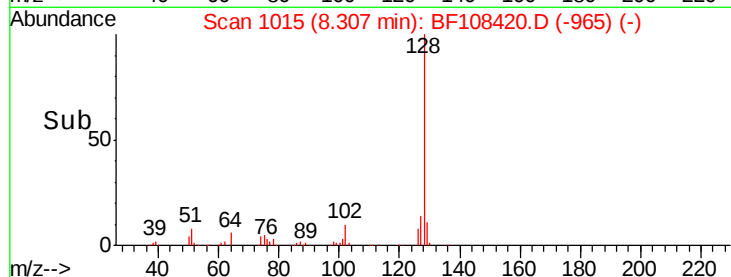
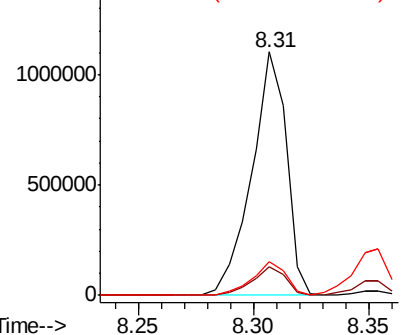
#31
Naphthalene
Concen: 45.576 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1152384
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.7 10.9 16.3

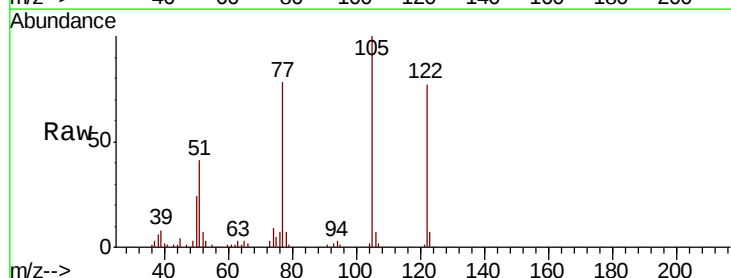


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

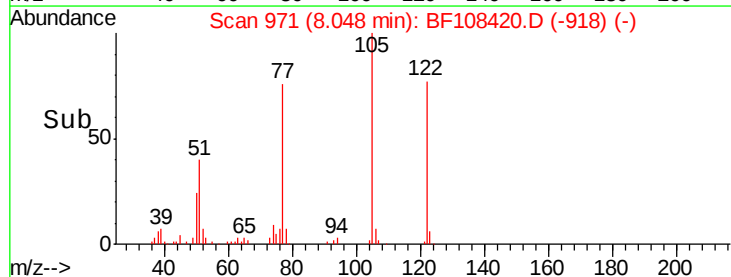
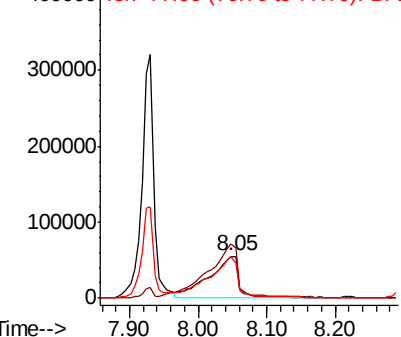


#32
Benzoic acid
Concen: 35.738 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:122 Resp: 166274
Ion Ratio Lower Upper
122 100
105 130.1 101.1 141.1
77 101.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

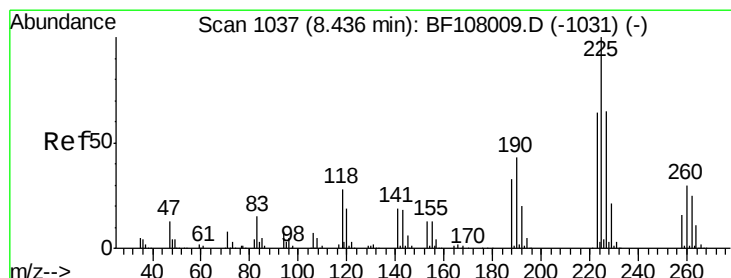
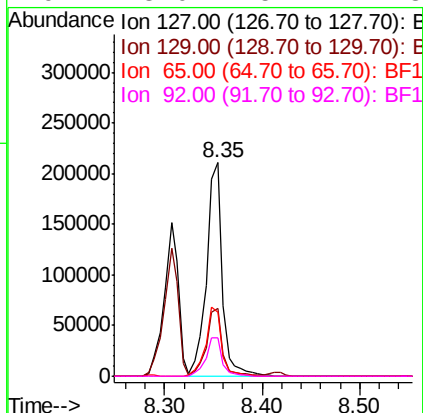
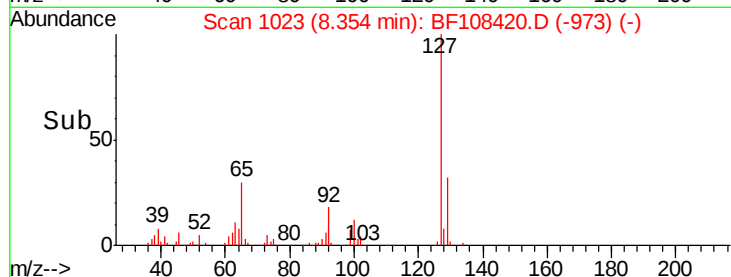
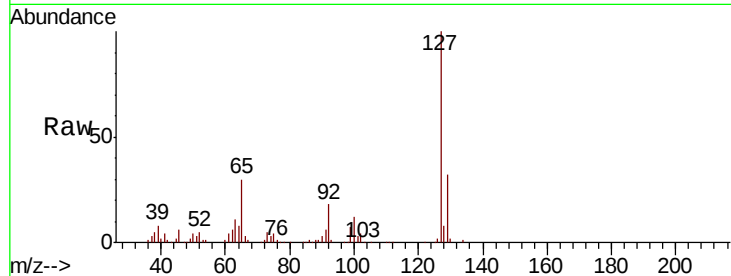




#33
4-Chloroaniline
Concen: 21.589 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

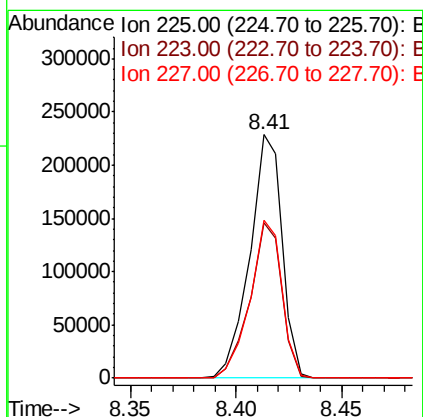
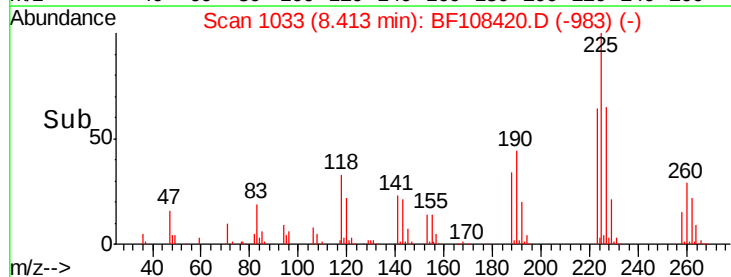
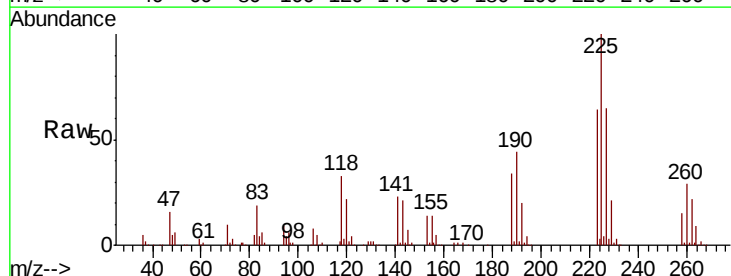
Instrument :
BNA_F
ClientSampleId :

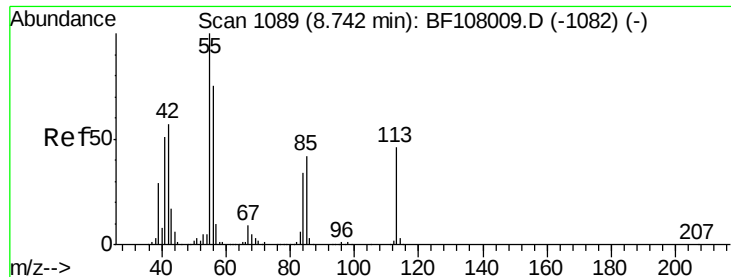
Tot Ion:	127	Resp:	237889
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	30.2	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 44.927 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:	225	Resp:	243227
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.8	51.9	77.9





#35

Caprolactam

Concen: 12.977 ng

RT: 8.77 min Scan# 1094

Delta R.T. 0.04 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

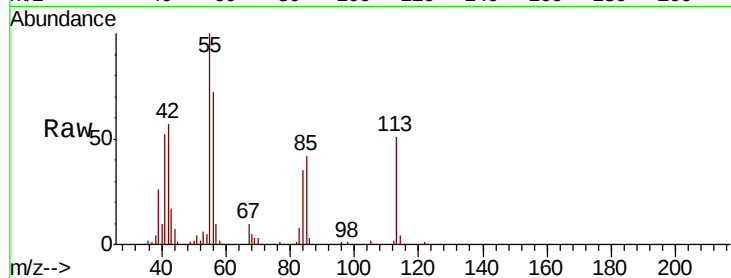
Tot Ion:113 Resp: 31545

Ion Ratio Lower Upper

113 100

55 197.4 163.3 203.3

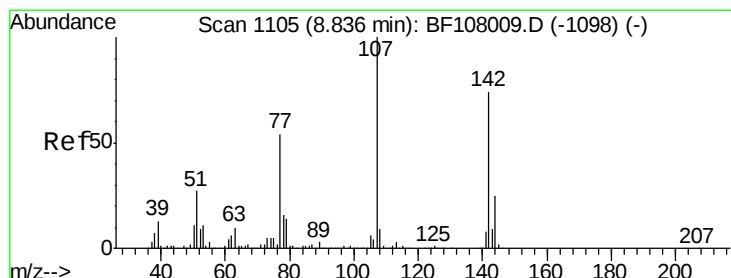
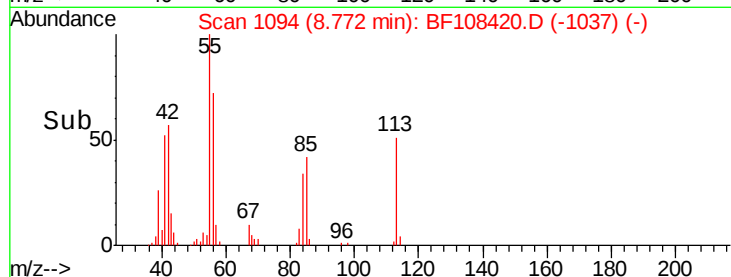
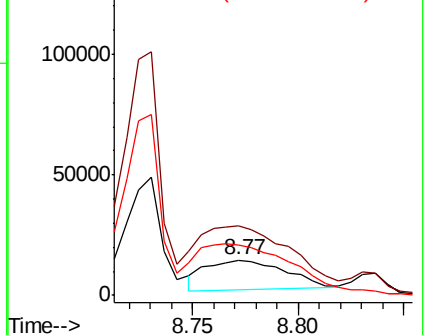
56 142.6 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.117 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

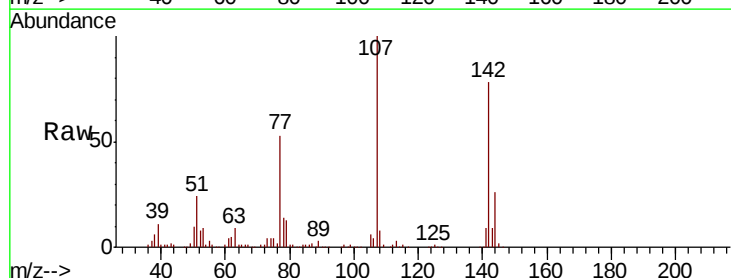
Tgt Ion:107 Resp: 385894

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

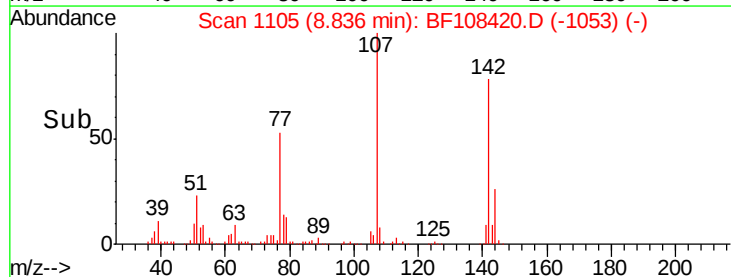
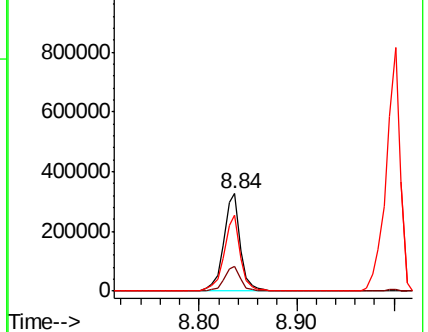
142 77.6 62.0 93.0

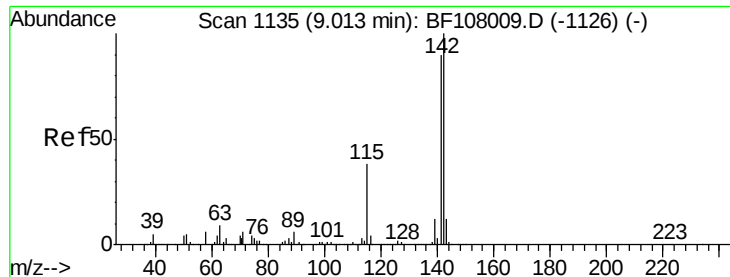


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

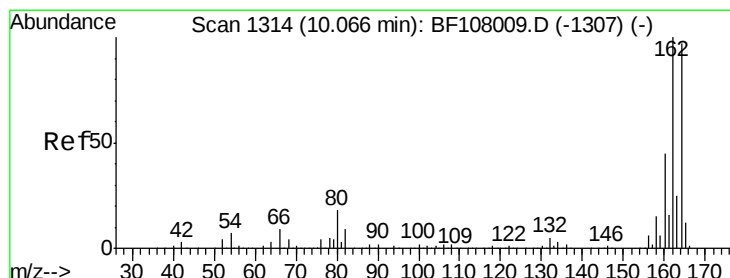
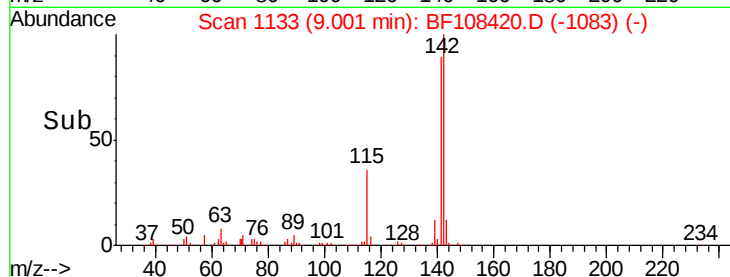
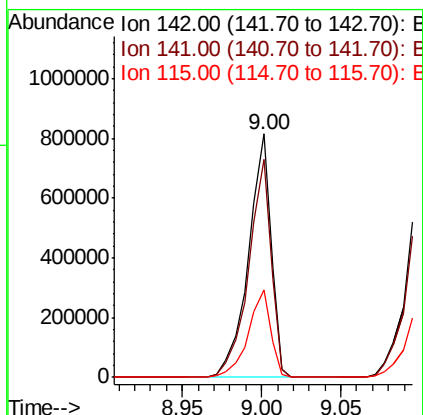
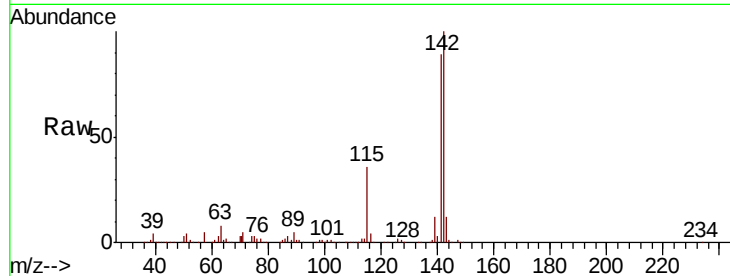




#37
 2-Methylnaphthalene
 Concen: 45.148 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

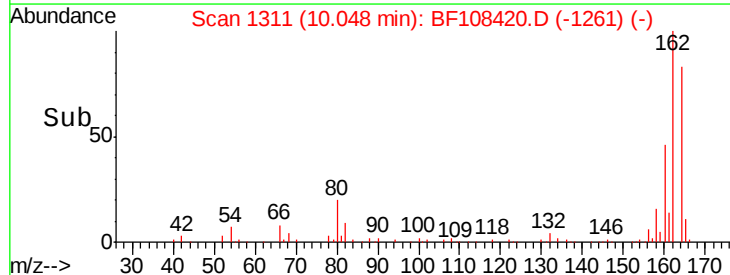
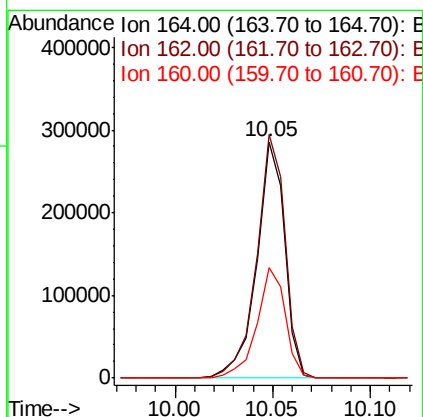
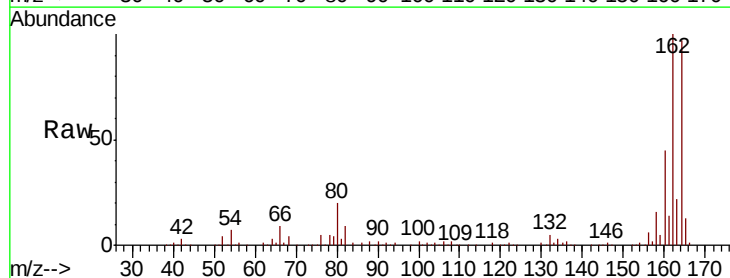
Instrument :
 BNA_F
 ClientSampled :

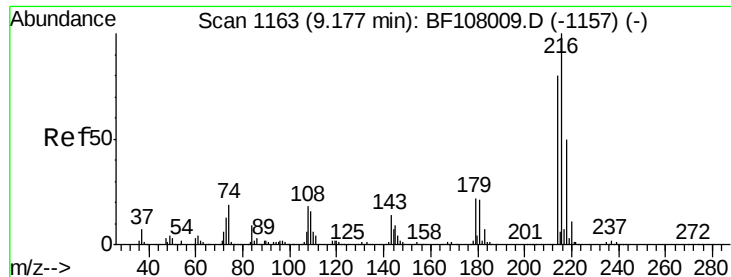
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	36.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.637 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 405708

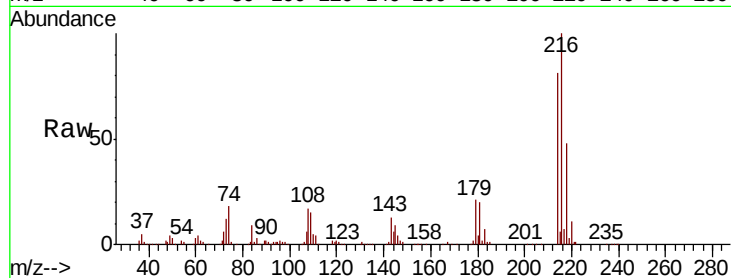
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.4 18.1 27.1

108 19.7 17.2 25.8

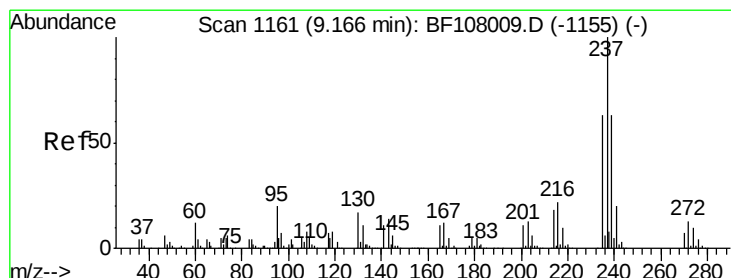
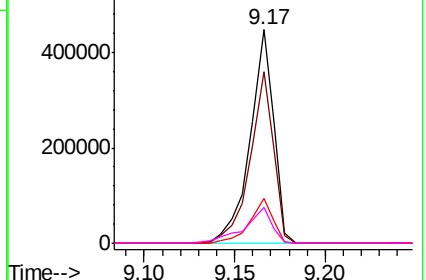
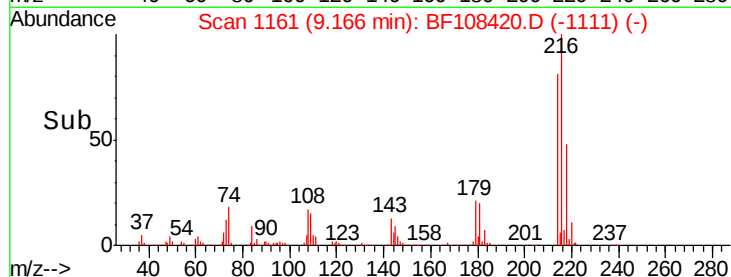


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.887 ng

RT: 9.15 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

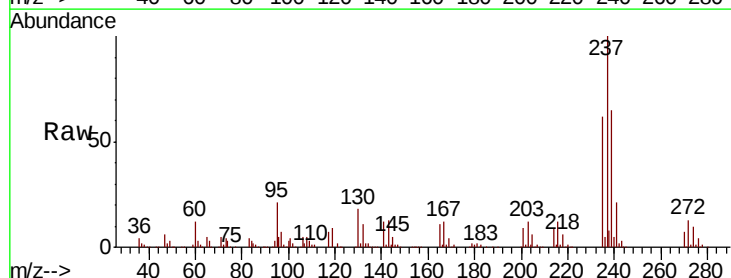
Tgt Ion:237 Resp: 415165

Ion Ratio Lower Upper

237 100

235 62.2 44.8 84.8

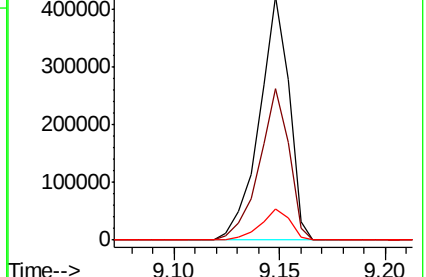
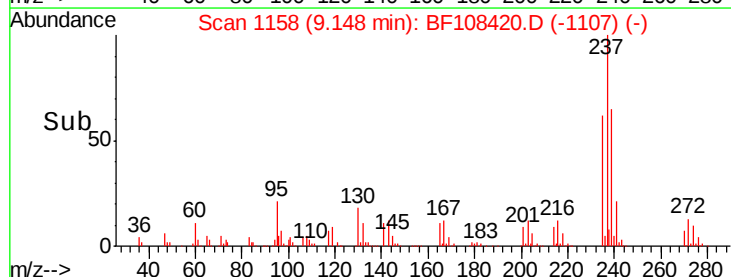
272 12.9 0.0 33.3

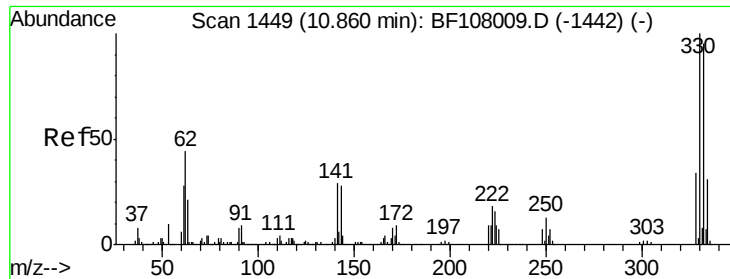


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

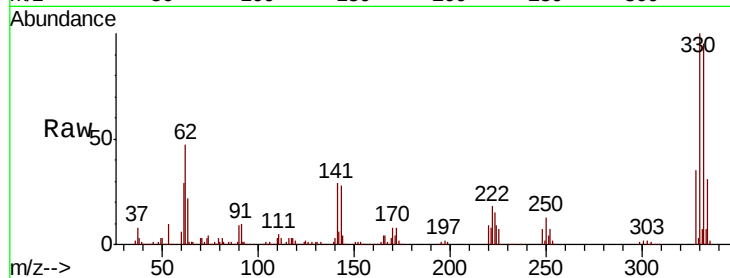




#41
 2,4,6-Tribromophenol
 Concen: 149.666 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

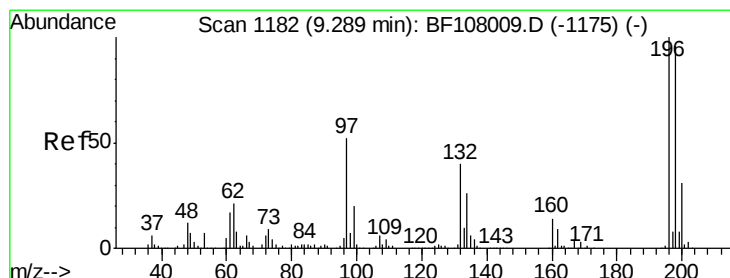
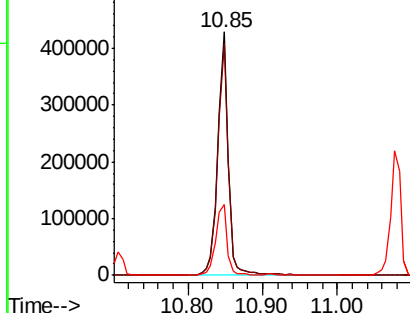
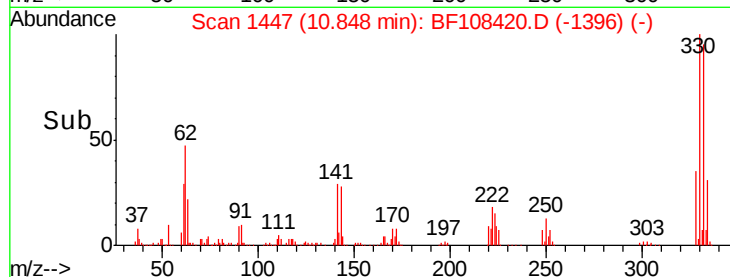
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.3	29.9	44.9



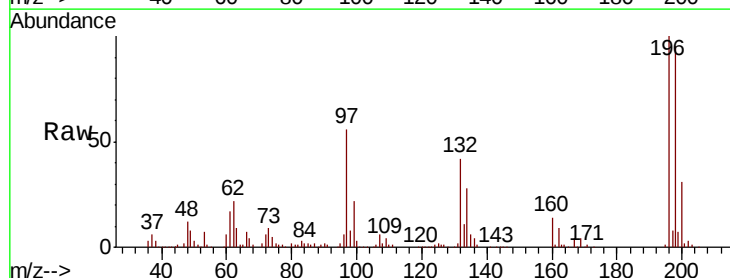
Abundance

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



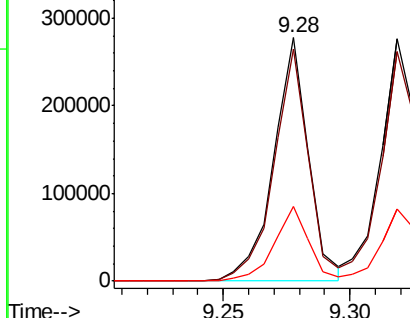
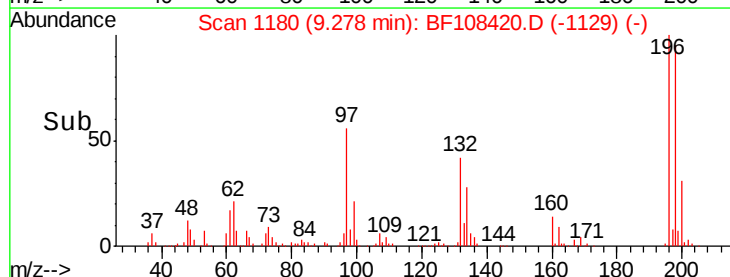
#42
 2,4,6-Trichlorophenol
 Concen: 49.616 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

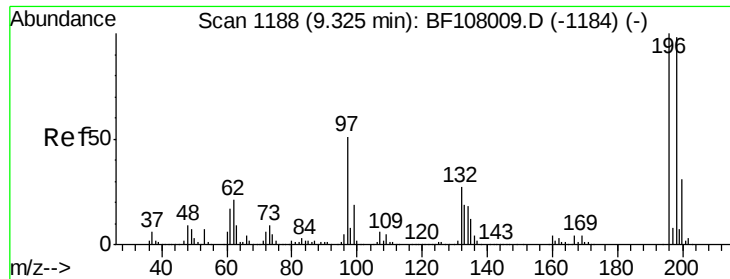
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.9	24.5	36.7



Abundance

Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

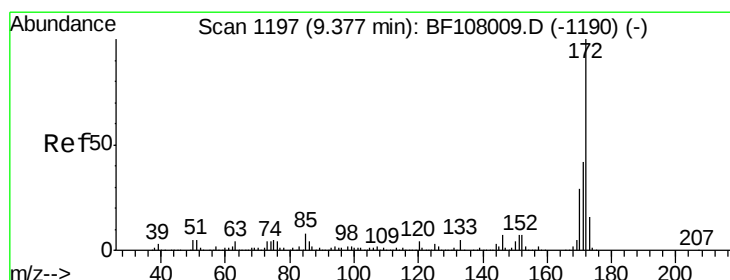
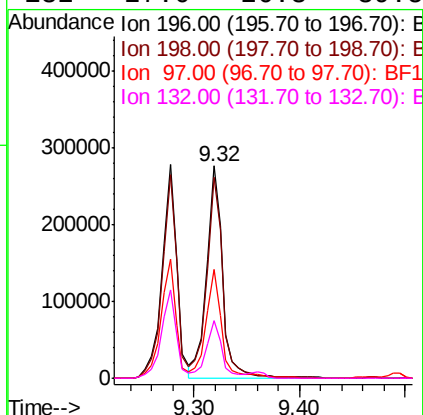
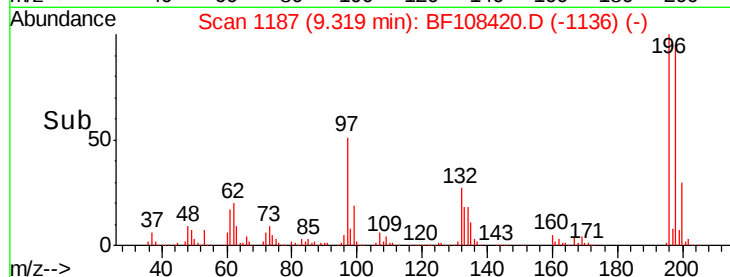
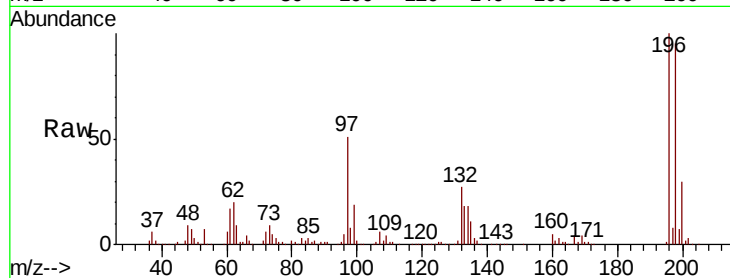




#43
 2,4,5-Trichlorophenol
 Concen: 48.971 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

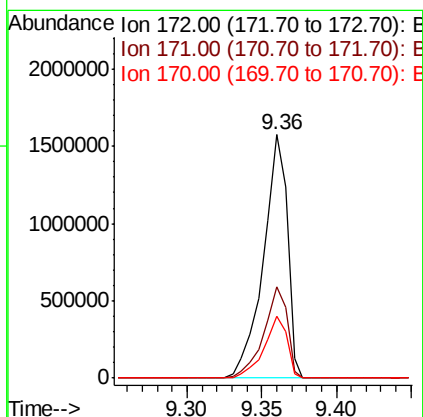
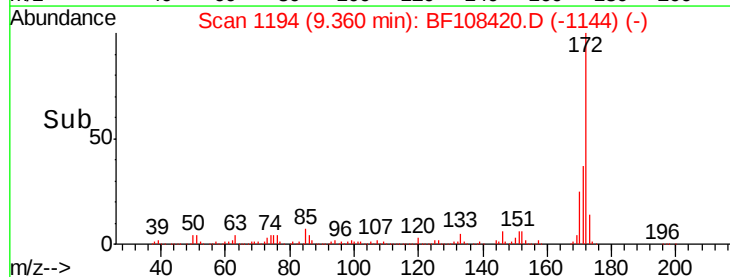
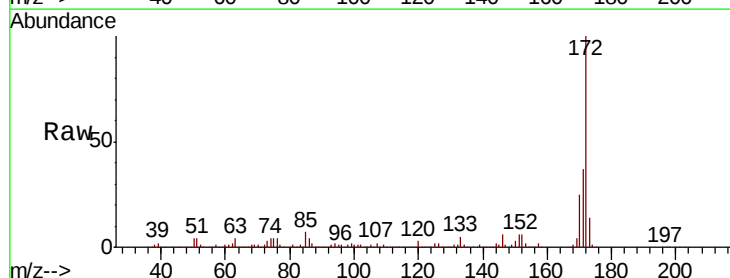
Instrument :
 BNA_F
 ClientSampleId :

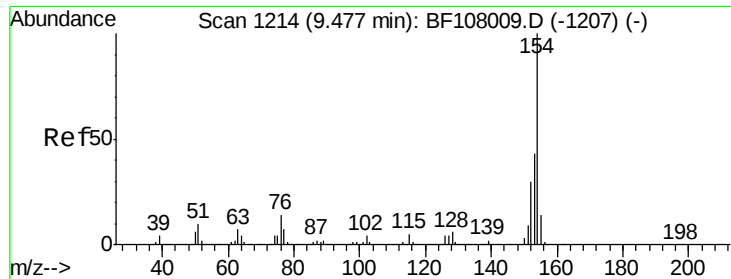
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	51.3	42.9	64.3
132	27.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 98.533 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 47.361 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampled :

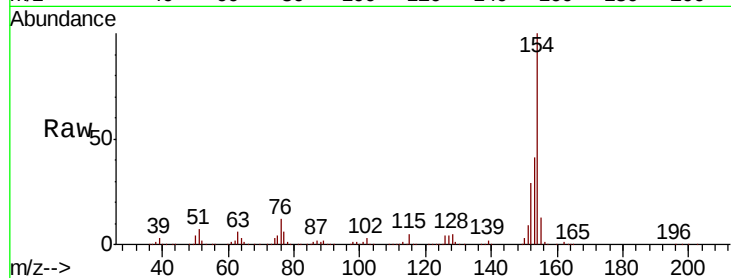
Tot Ion:154 Resp: 989187

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

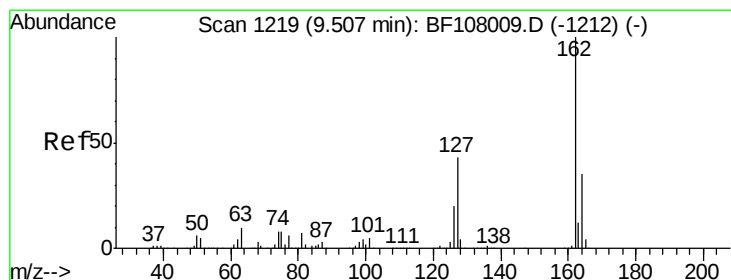
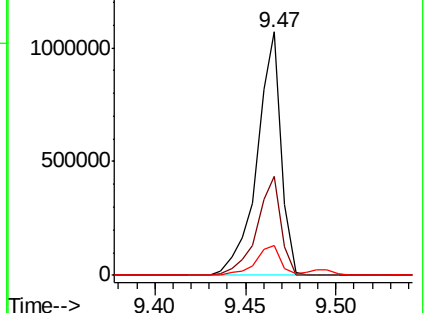
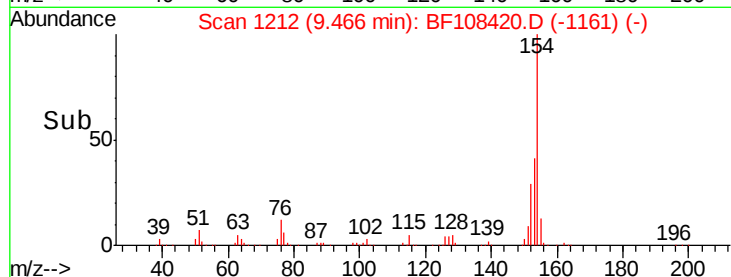
76 12.1 0.0 34.0



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: 46.227 ng

RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

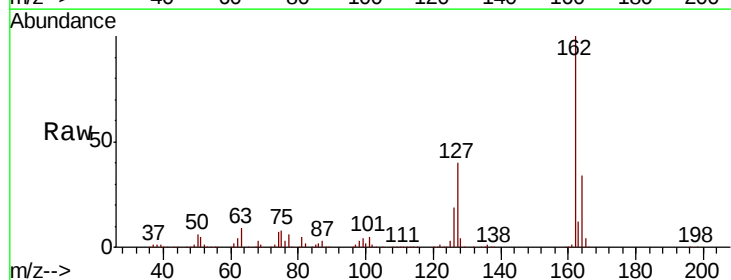
Tgt Ion:162 Resp: 763091

Ion Ratio Lower Upper

162 100

127 40.3 33.9 50.9

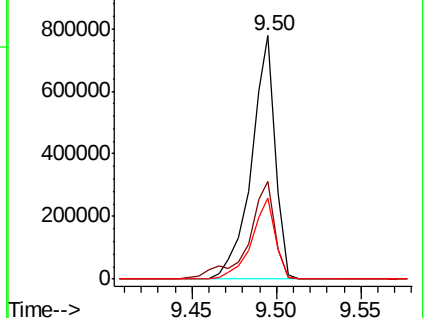
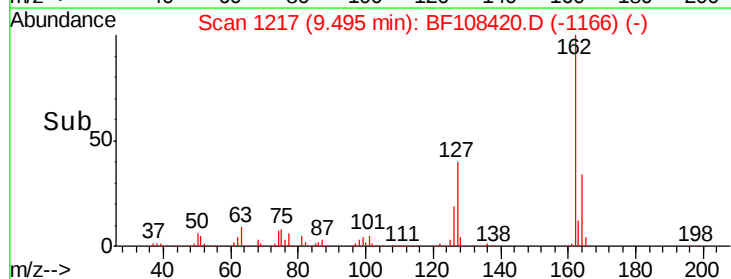
164 33.5 26.5 39.7



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

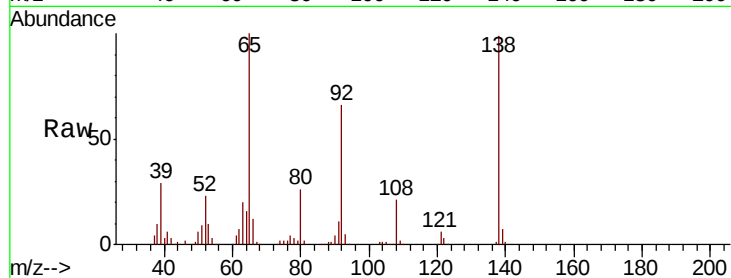




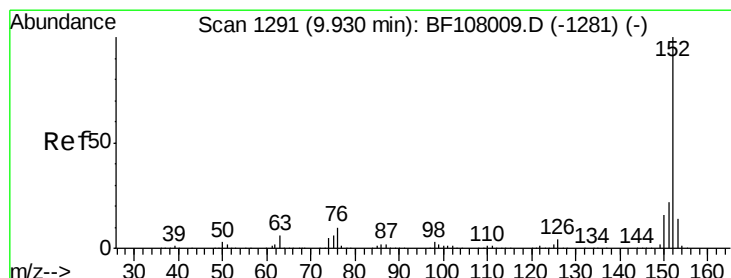
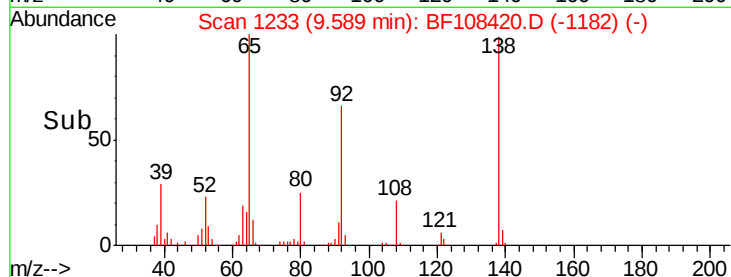
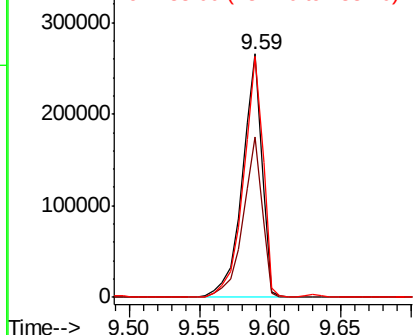
#47
2-Nitroaniline
Concen: 47.920 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 255951
Ion Ratio Lower Upper
65 100
92 65.7 55.8 83.6
138 99.1 91.2 136.8

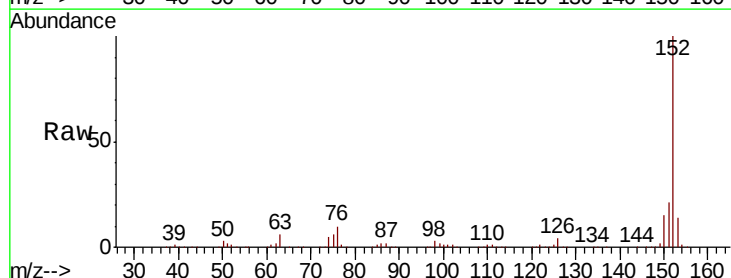


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

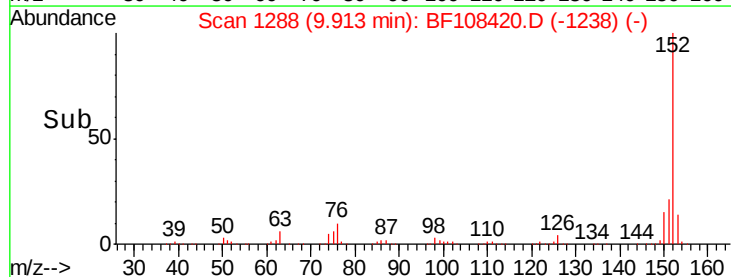
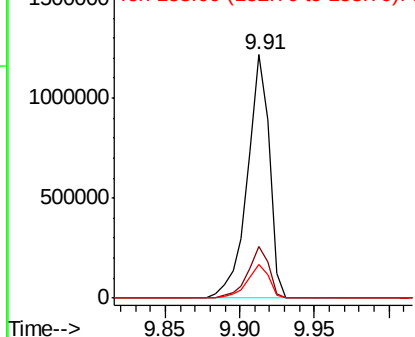


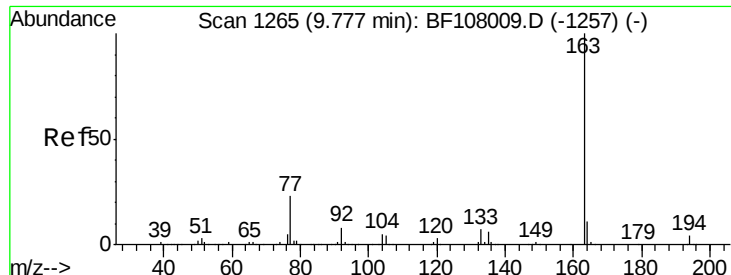
#48
Acenaphthylene
Concen: 47.207 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion: 152 Resp: 1231987
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

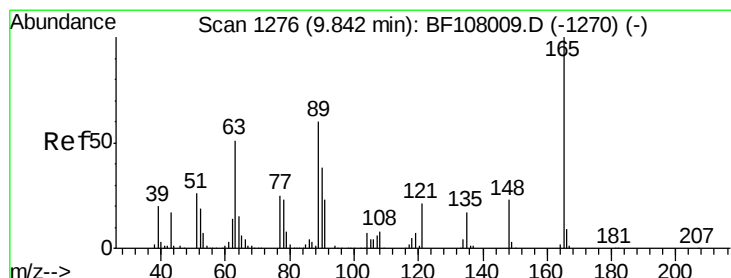
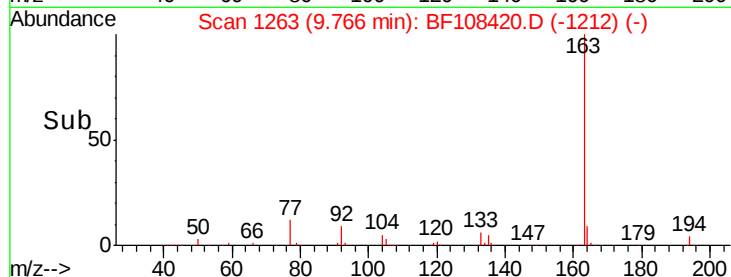
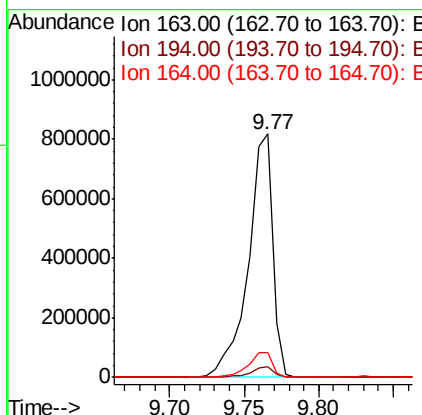
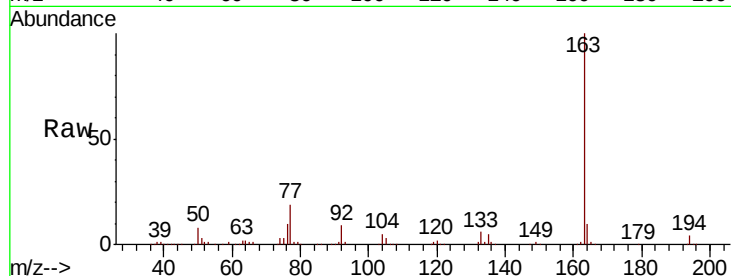




#49
Dimethylphthalate
Concen: 47.033 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

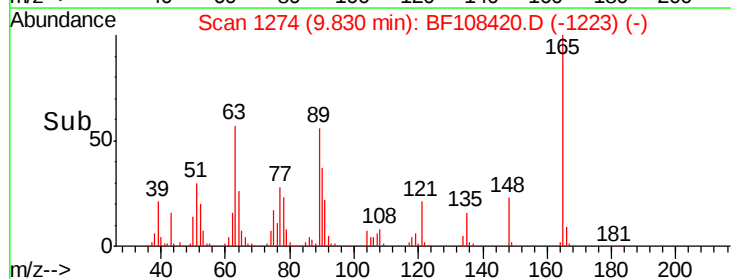
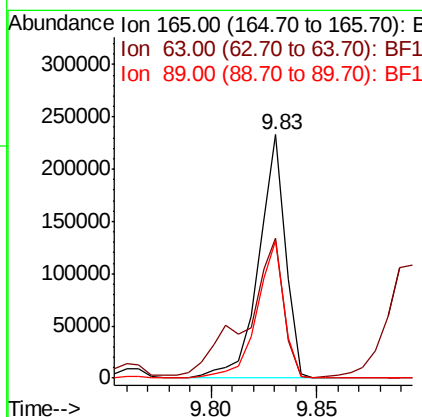
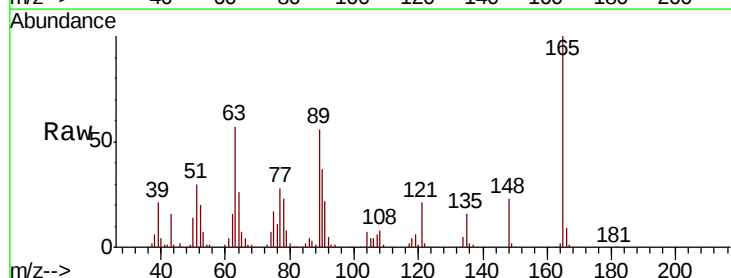
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 928093
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 49.633 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:165 Resp: 204908
Ion Ratio Lower Upper
165 100
63 57.5 44.7 67.1
89 56.3 44.0 66.0





#51

Acenaphthene

Concen: 45.060 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

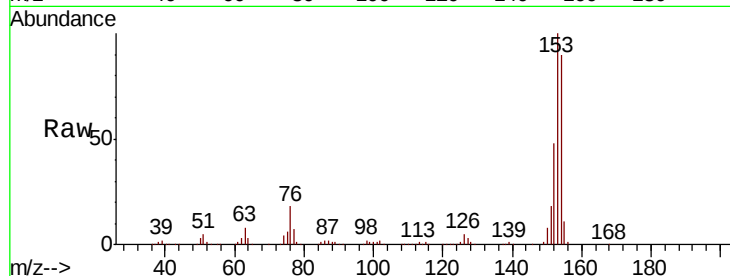
Tot Ion:154 Resp: 720255

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

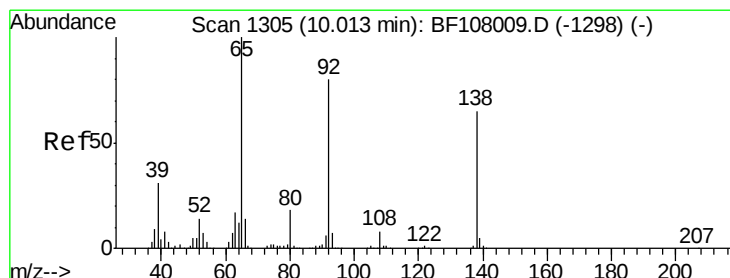
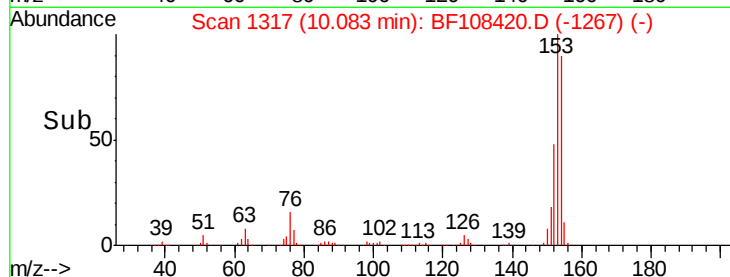
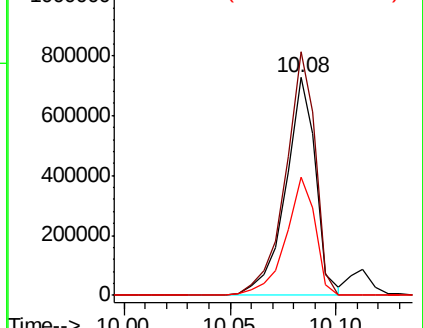
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.262 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

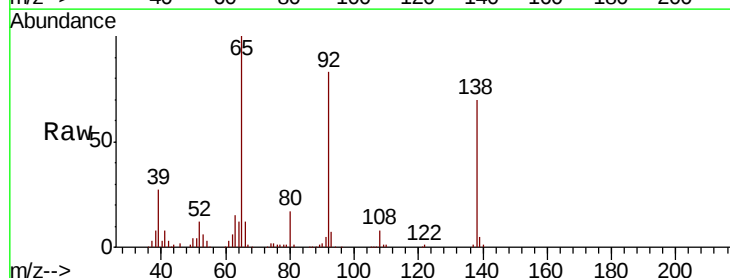
Tgt Ion:138 Resp: 127659

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

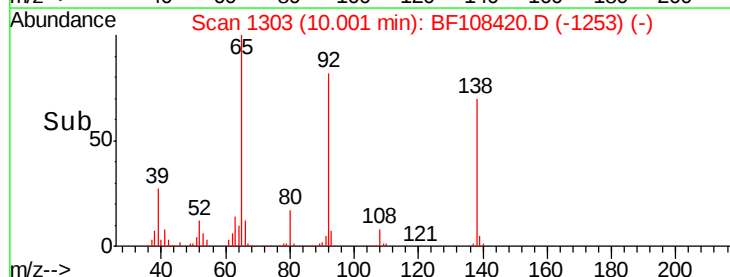
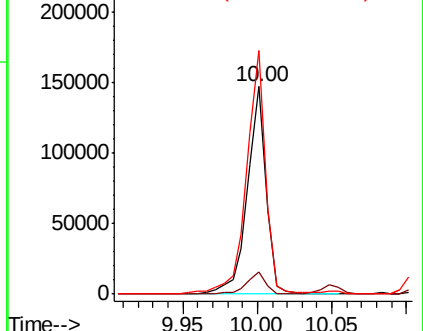
92 117.3 89.4 134.2

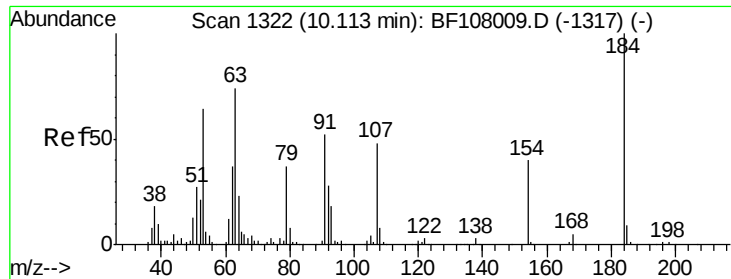


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

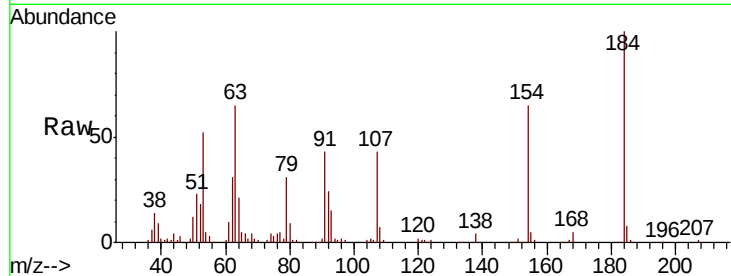




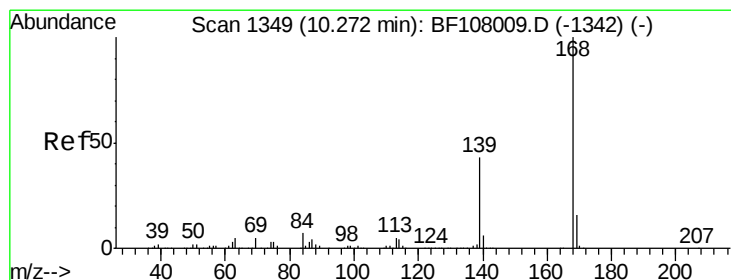
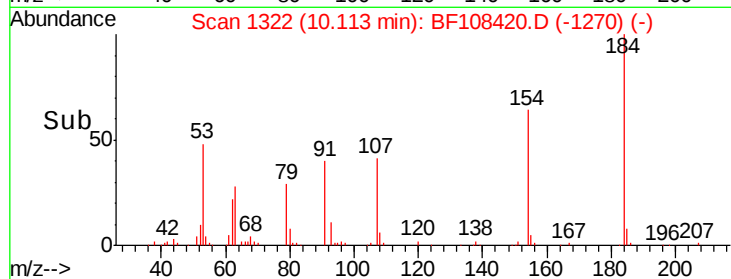
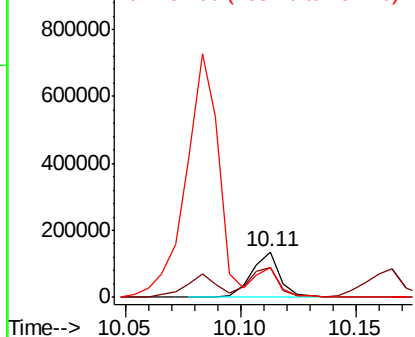
#53
2,4-Dinitrophenol
Concen: 76.816 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 118211
Ion Ratio Lower Upper
184 100
63 64.9 54.2 81.2
154 64.7 184.0 276.0#

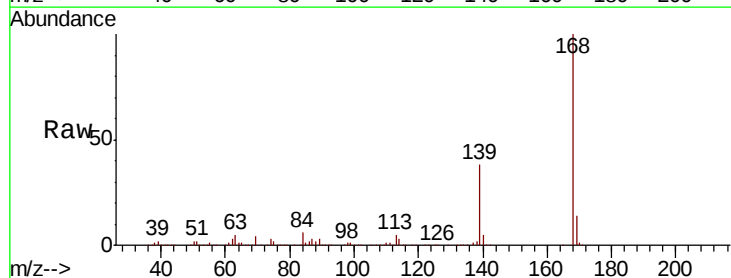


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

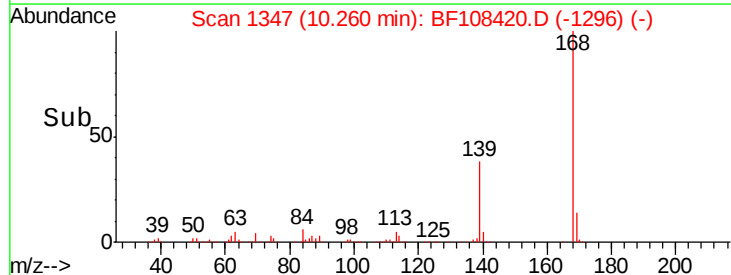
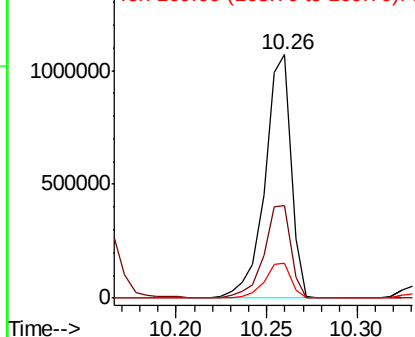


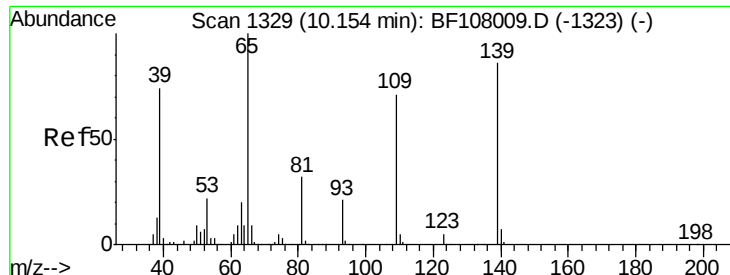
#54
Dibenzofuran
Concen: 46.457 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:168 Resp: 1075864
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 14.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

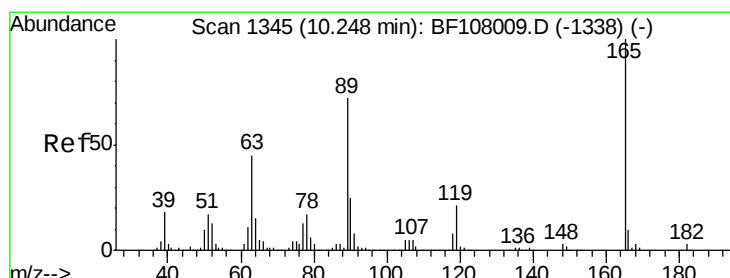
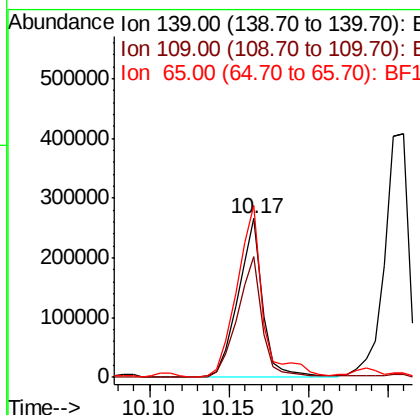
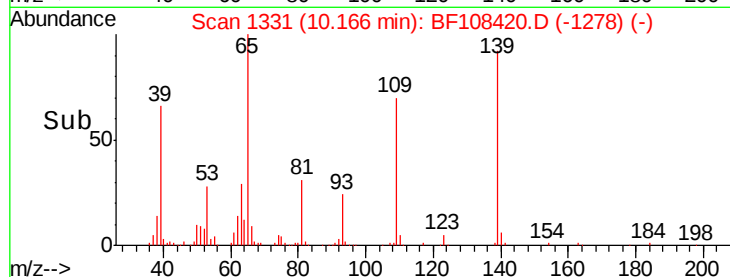
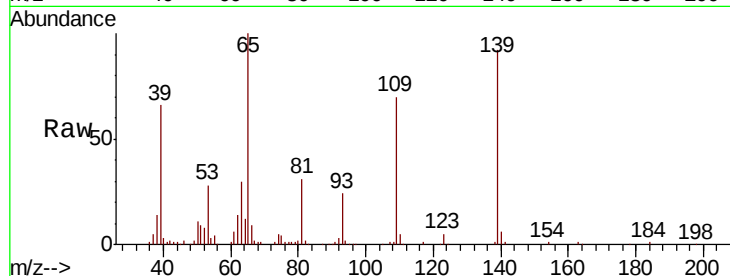




#55
4-Nitrophenol
Concen: 83.129 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

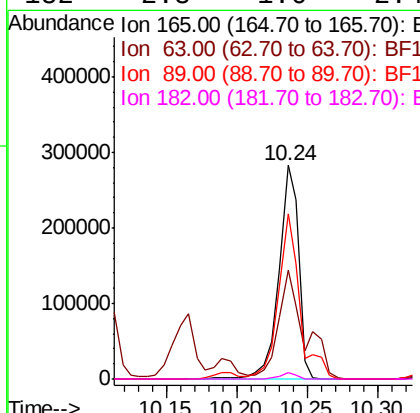
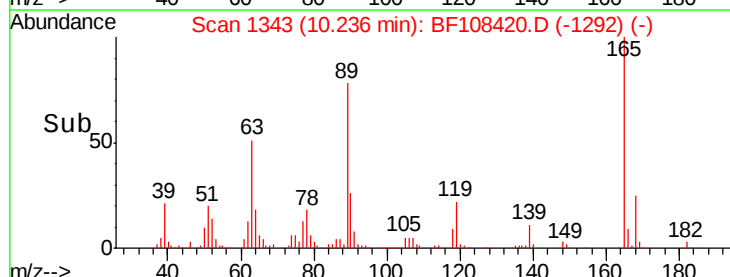
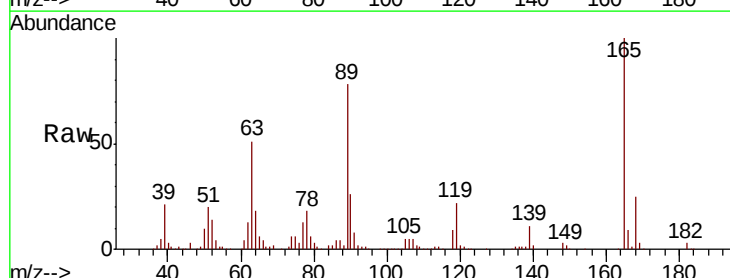
Instrument :
BNA_F
ClientSampled :

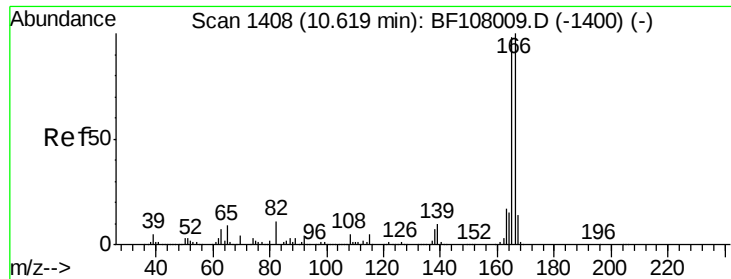
Tot Ion:139 Resp: 284348
Ion Ratio Lower Upper
139 100
109 76.0 48.4 88.4
65 108.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 51.644 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:165 Resp: 274442
Ion Ratio Lower Upper
165 100
63 51.1 36.4 54.6
89 77.5 57.8 86.6
182 2.8 1.6 2.4#

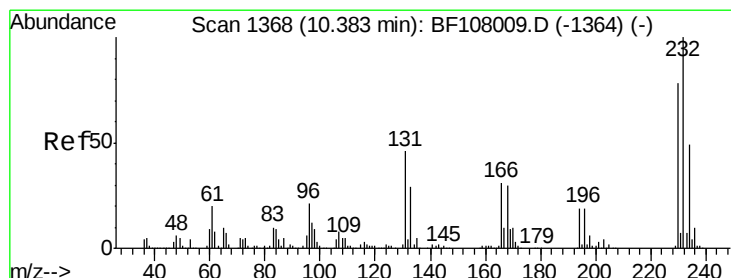
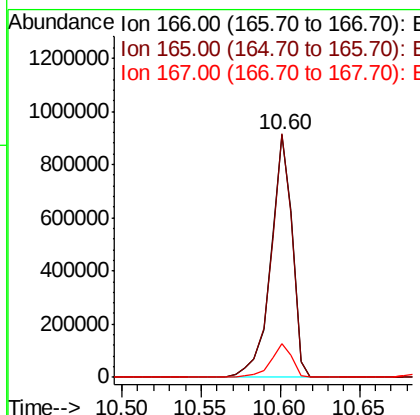
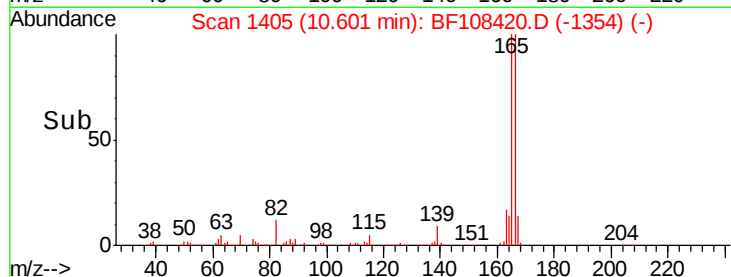
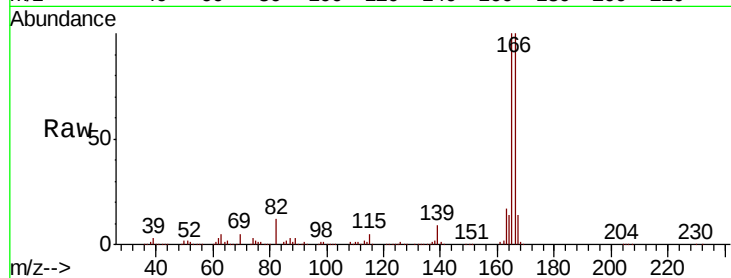




#57
 Fluorene
 Concen: 47.024 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

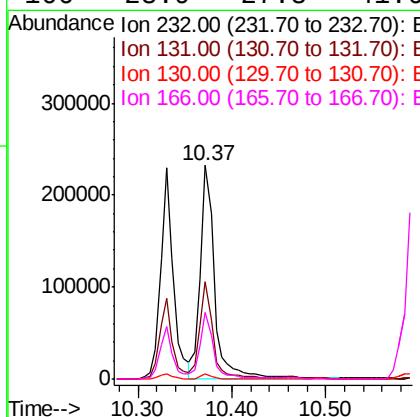
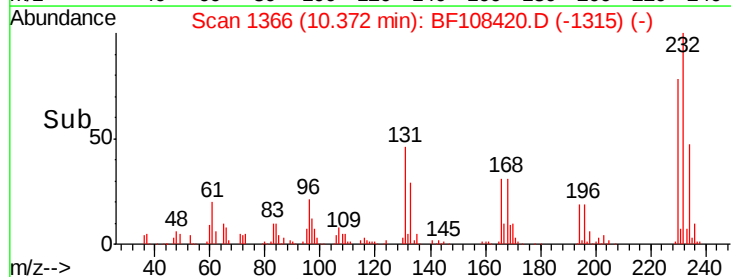
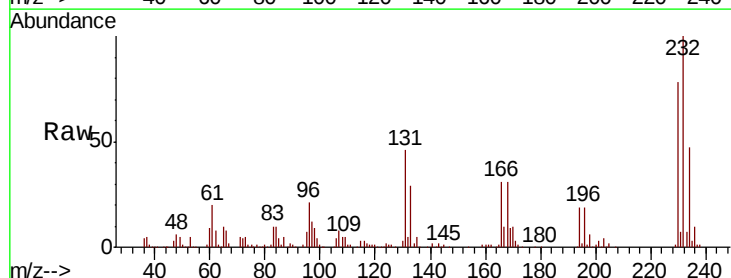
Instrument :
 BNA_F
 ClientSampleId :

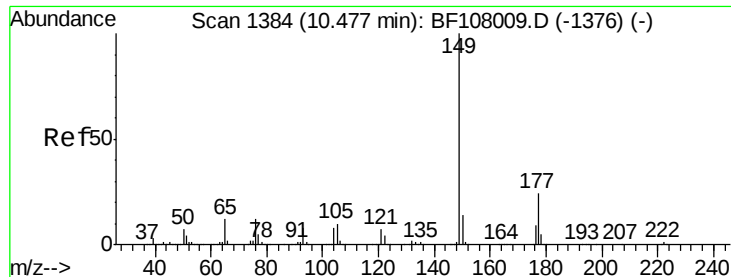
Tot Ion:166 Resp: 862059
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.541 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion:232 Resp: 246064
 Ion Ratio Lower Upper
 232 100
 131 40.7 43.8 65.8#
 130 2.2 2.1 3.1
 166 28.9 27.8 41.6

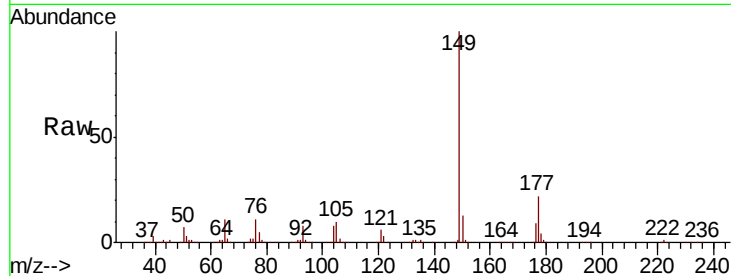




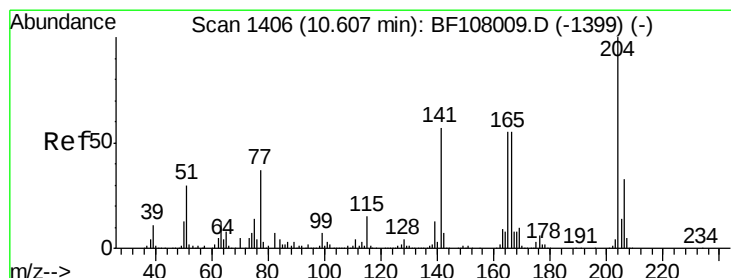
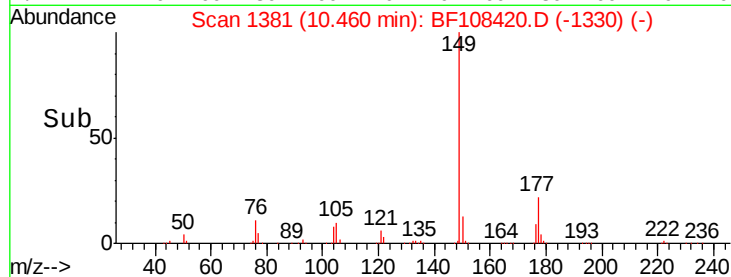
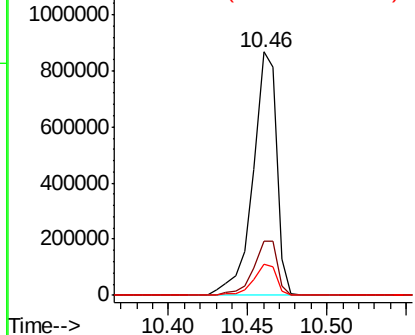
#59
Diethylphthalate
Concen: 47.142 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 900788
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.9 10.1 15.1

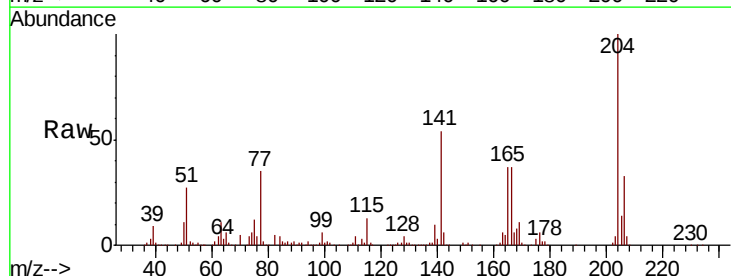


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

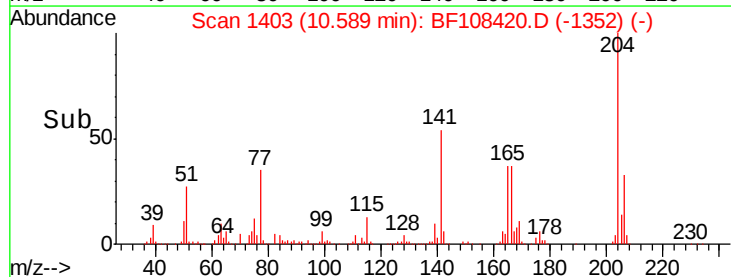
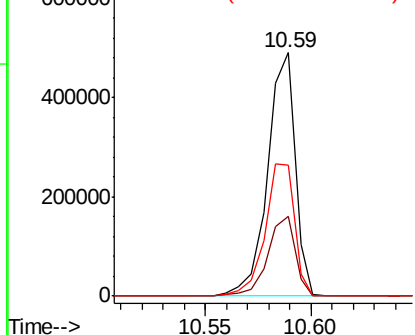


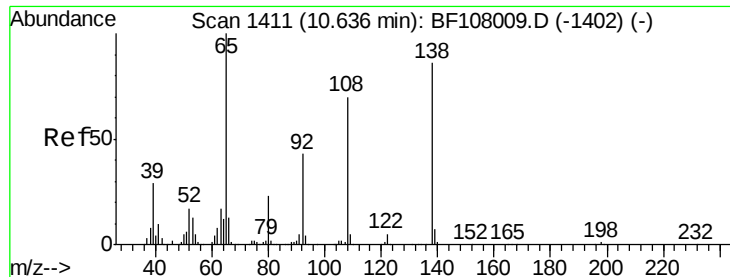
#60
4-Chlorophenyl-phenylether
Concen: 46.882 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:204 Resp: 447834
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 54.0 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

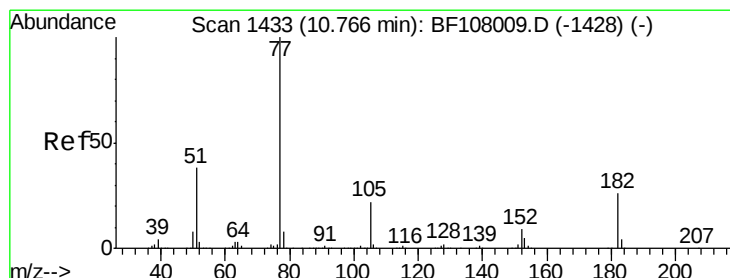
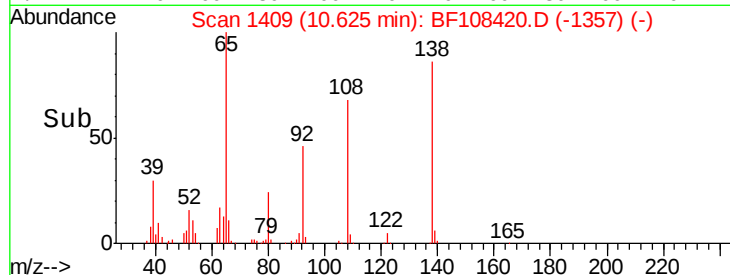
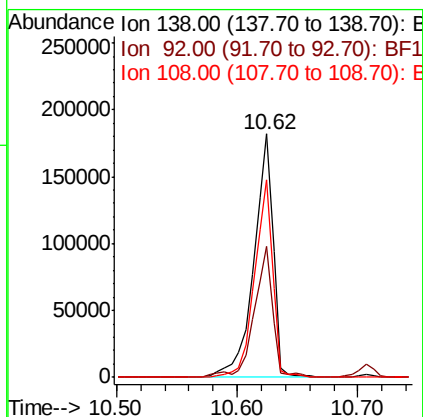
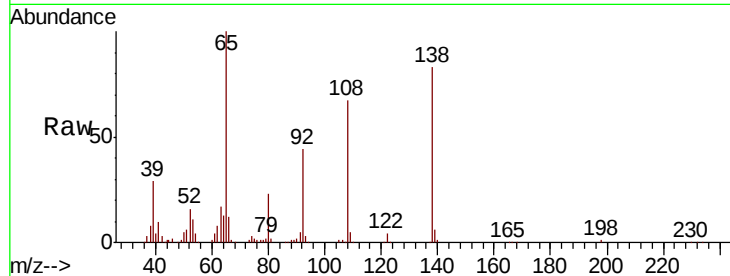




#61
4-Nitroaniline
Concen: 45.816 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

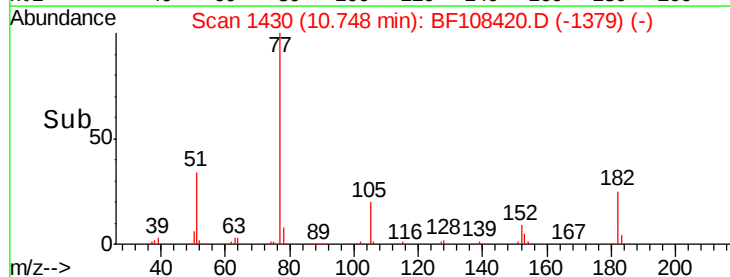
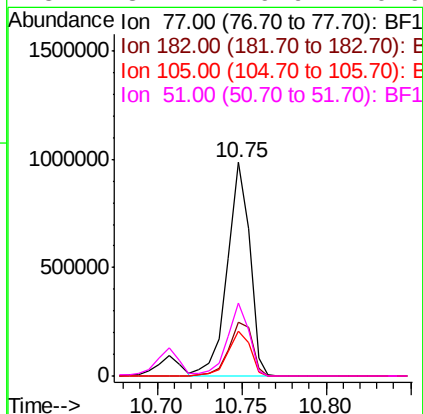
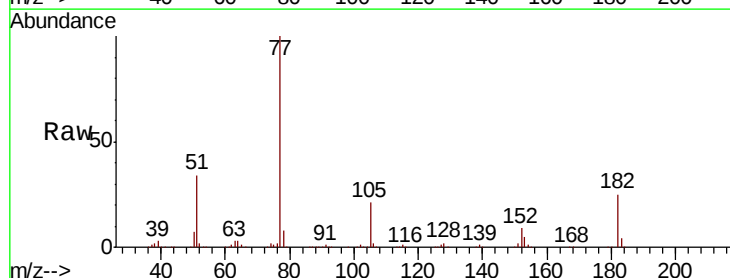
Instrument :
BNA_F
ClientSampled :

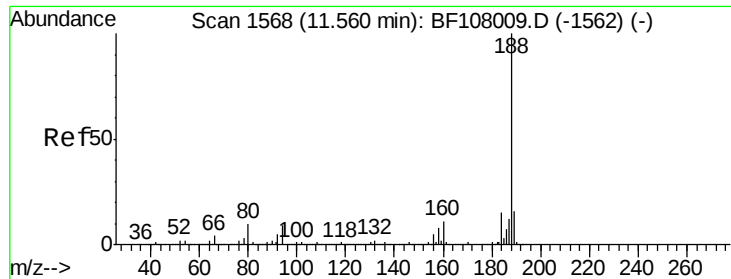
Tot Ion:138 Resp: 204610
Ion Ratio Lower Upper
138 100
92 53.6 30.2 70.2
108 80.9 52.5 92.5



#62
Azobenzene
Concen: 45.789 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion: 77 Resp: 903565
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 21.2 3.0 43.0
51 34.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

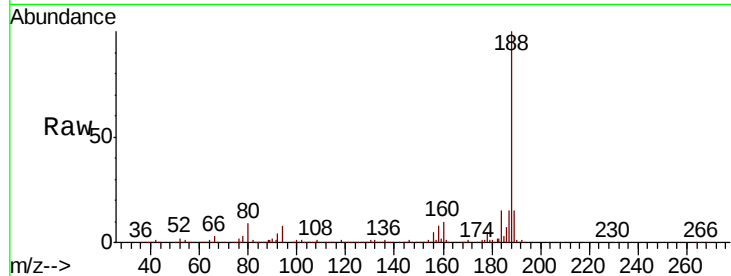
Tot Ion:188 Resp: 568776

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

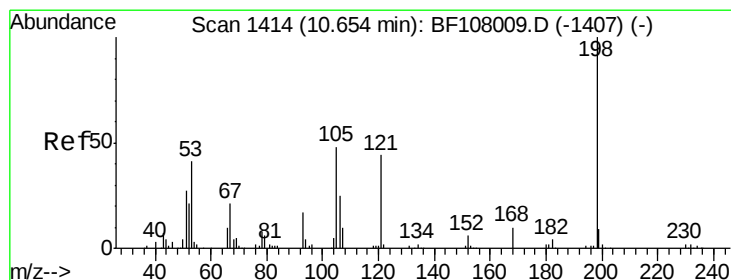
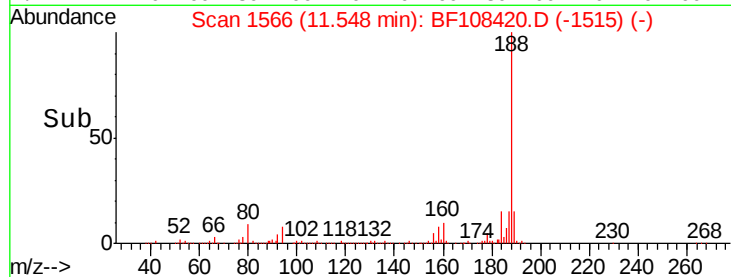
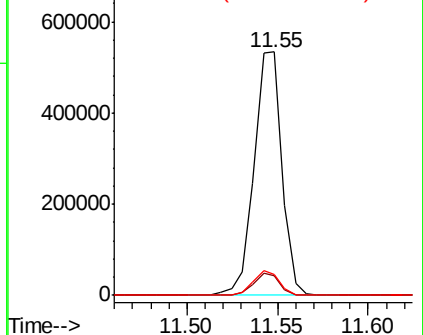
80 8.6 9.2 13.8#



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: 44.045 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

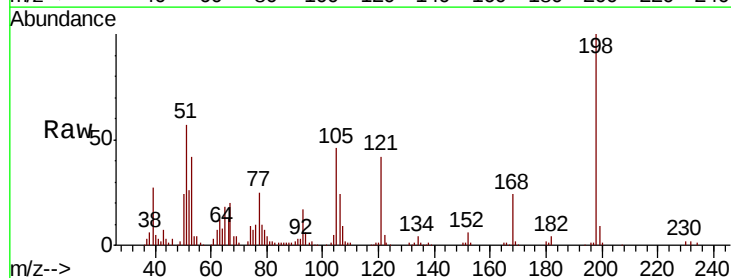
Tgt Ion:198 Resp: 92991

Ion Ratio Lower Upper

198 100

51 57.1 37.7 77.7

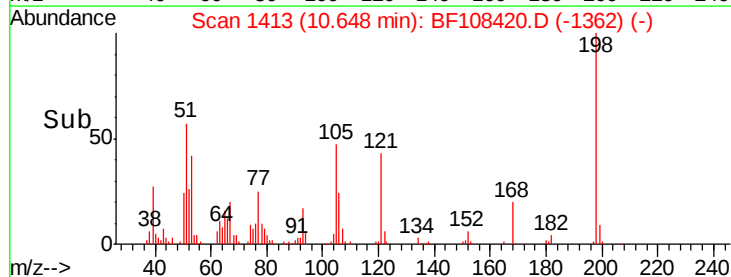
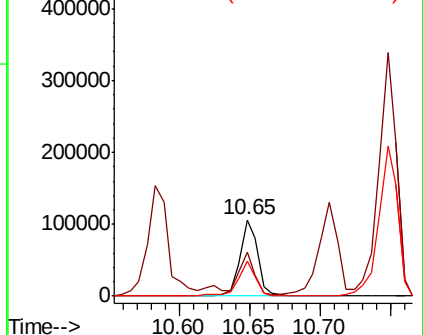
105 46.3 36.3 76.3

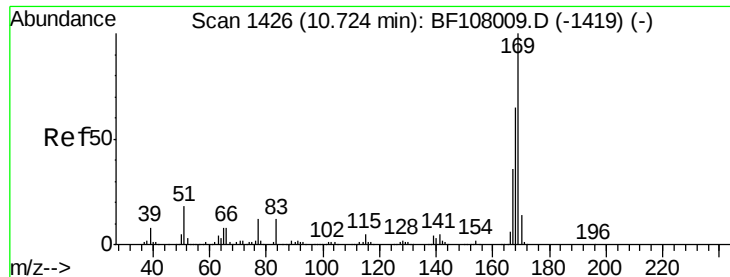


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

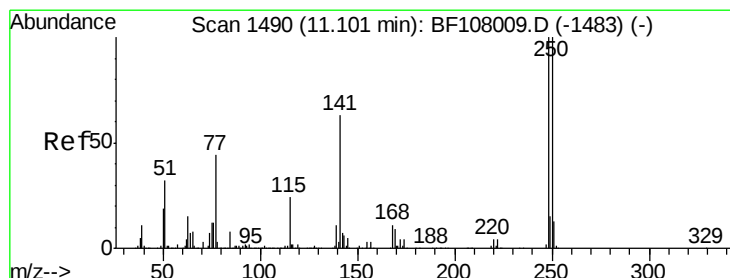
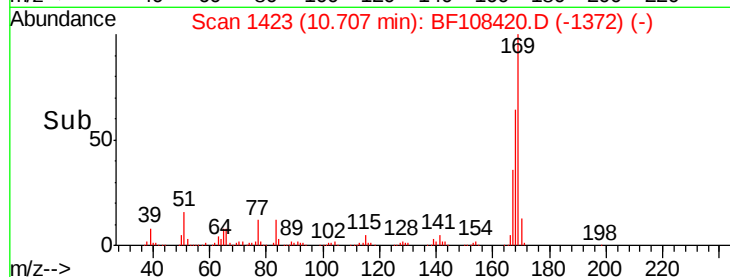
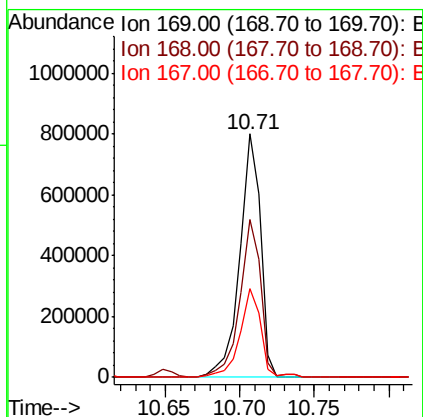
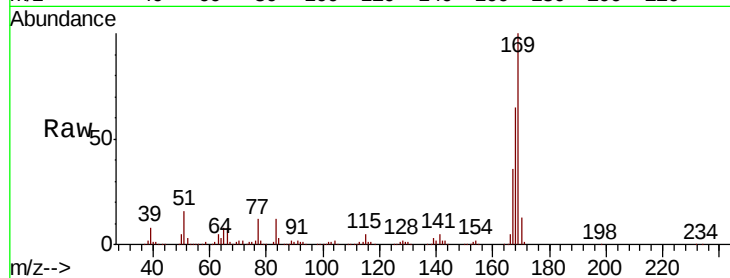




#65
 n-Nitrosodiphenylamine
 Concen: 46.236 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

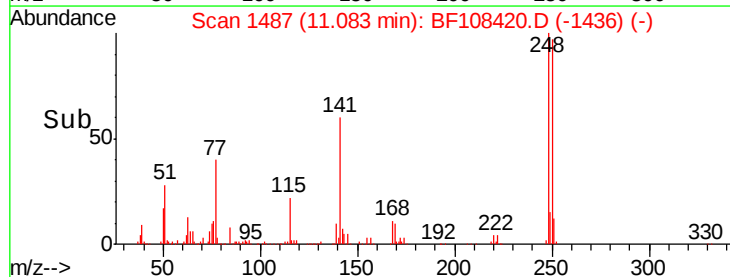
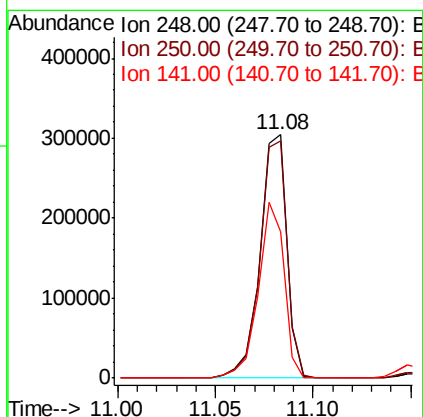
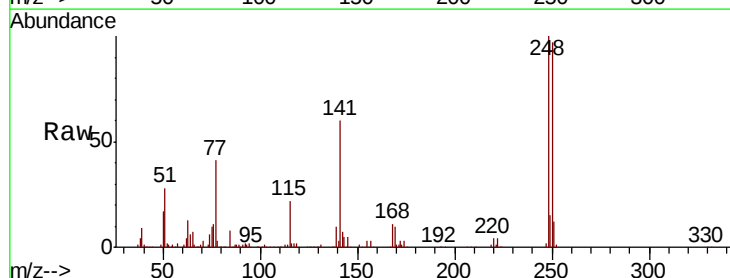
Instrument :
 BNA_F
 ClientSampleId :

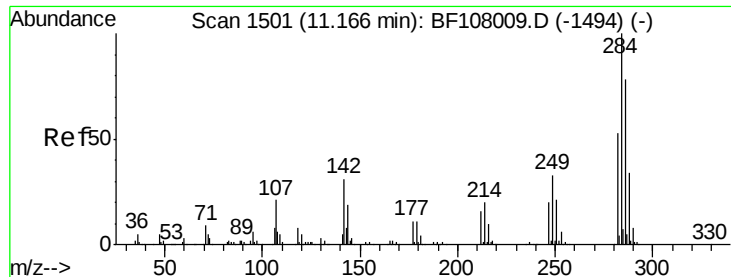
Tot Ion:169 Resp: 777131
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 36.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.179 ng
 RT: 11.08 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion:248 Resp: 291619
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 60.3 74.4 111.6#





#67

Hexachlorobenzene

Concen: 46.800 ng

RT: 11.15 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

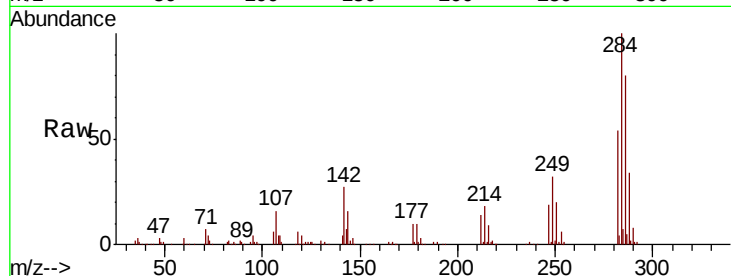
Tot Ion:284 Resp: 304365

Ion Ratio Lower Upper

284 100

142 26.8 34.6 52.0#

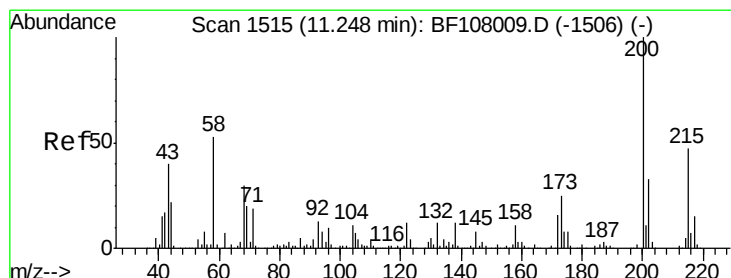
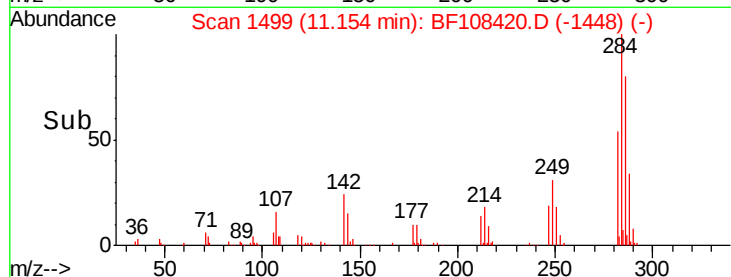
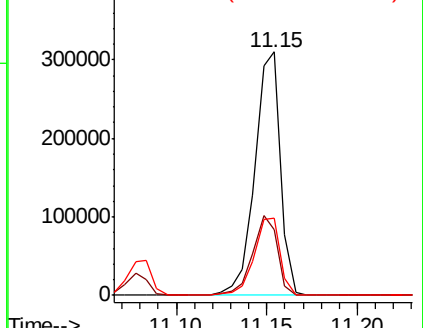
249 31.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.584 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

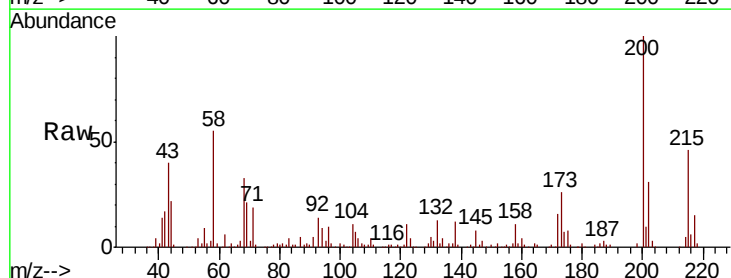
Tgt Ion:200 Resp: 268253

Ion Ratio Lower Upper

200 100

173 26.4 8.6 48.6

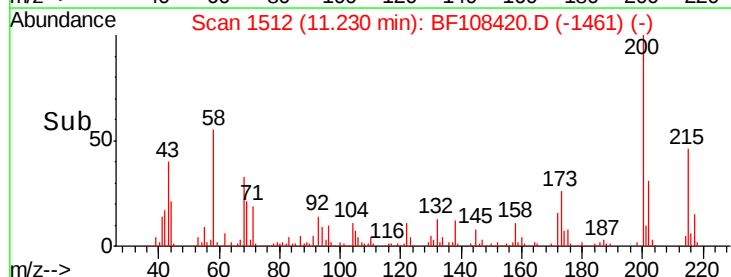
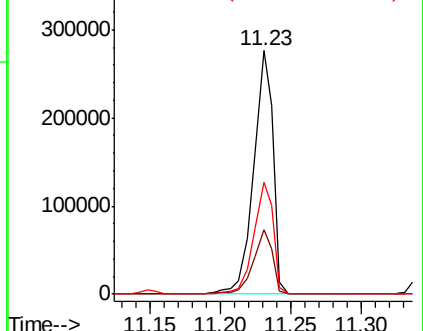
215 46.2 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

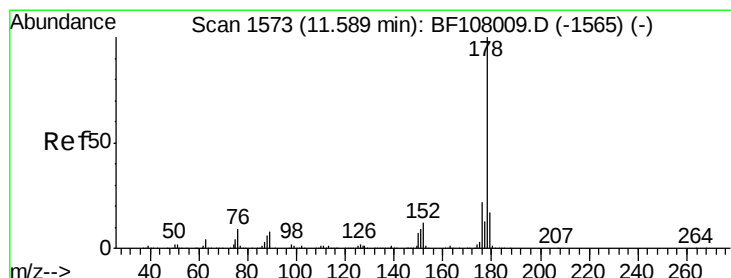
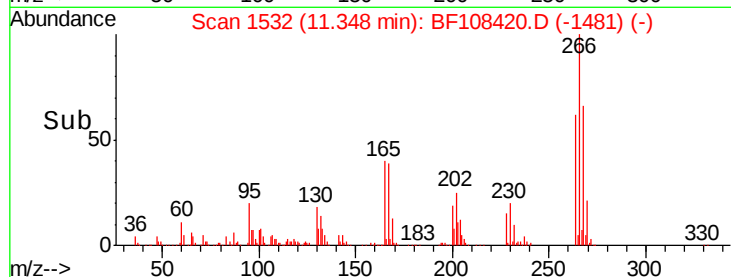
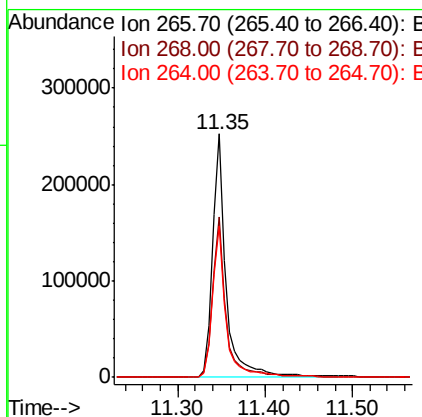
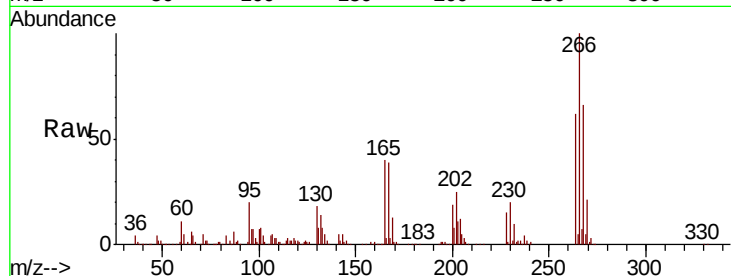




#69
 Pentachlorophenol
 Concen: 87.953 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

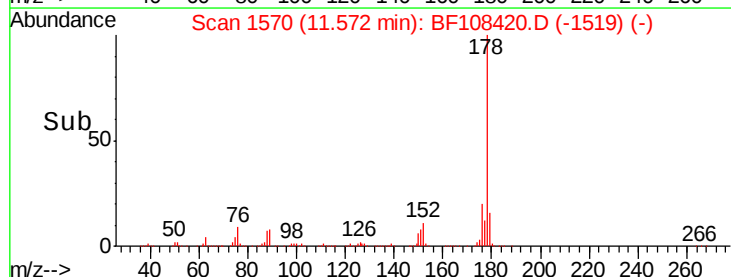
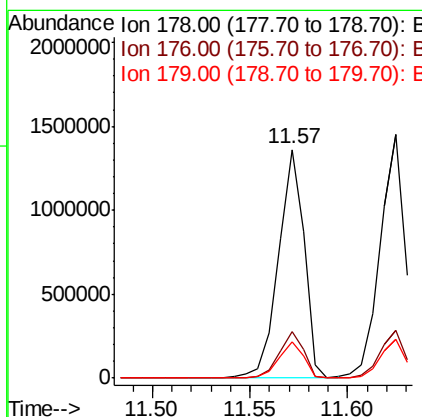
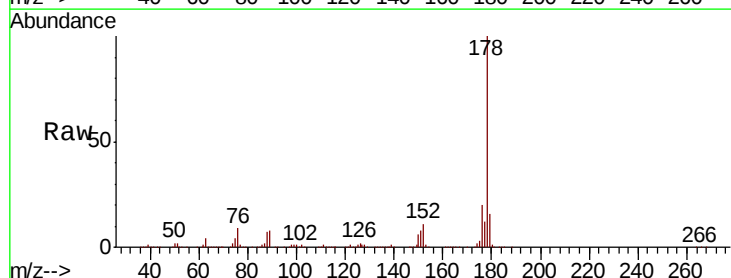
Instrument :
 BNA_F
 ClientSampleId :

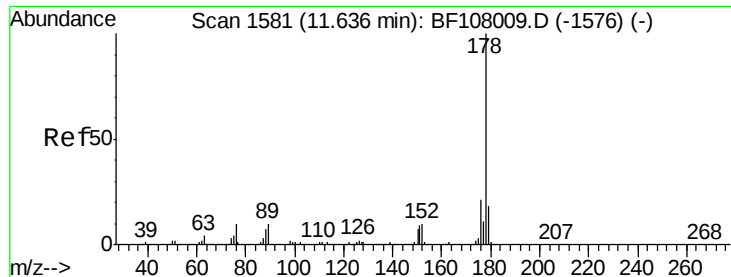
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	62.3	49.5	74.3



#70
 Phenanthrene
 Concen: 46.325 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.9	13.0	19.6





#71

Anthracene

Concen: 46.575 ng

RT: 11.62 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

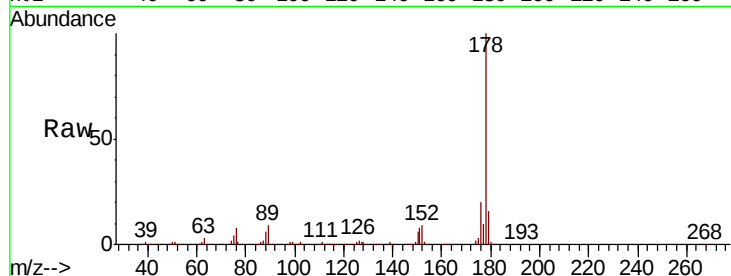
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1280617

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.9	12.6	19.0

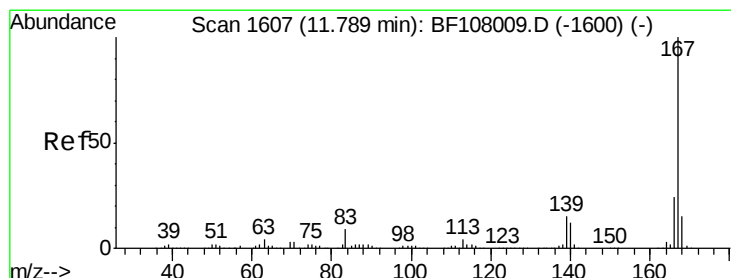
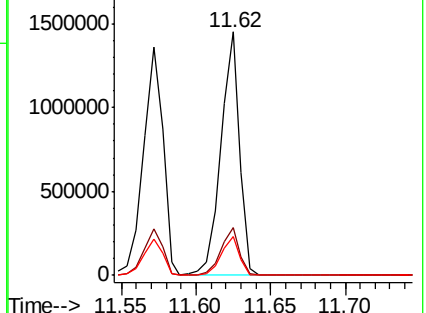
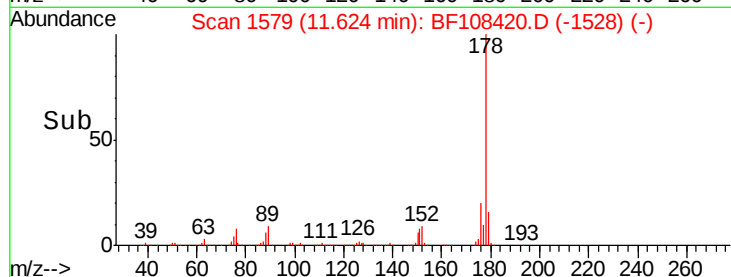


Abundance

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: 44.687 ng

RT: 11.78 min Scan# 1605

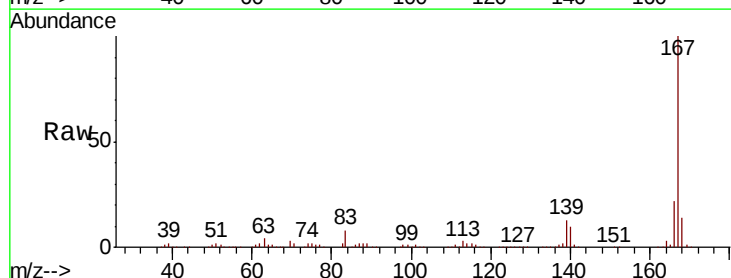
Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Tgt Ion:167 Resp: 1091686

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.5	10.9	16.3

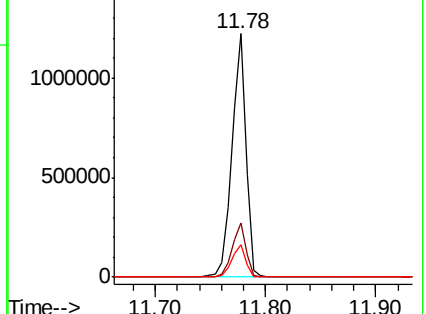
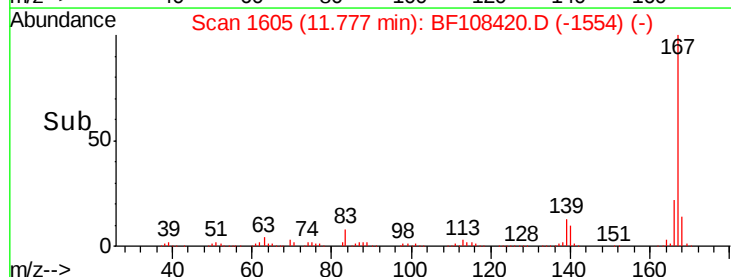


Abundance

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: 49.510 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

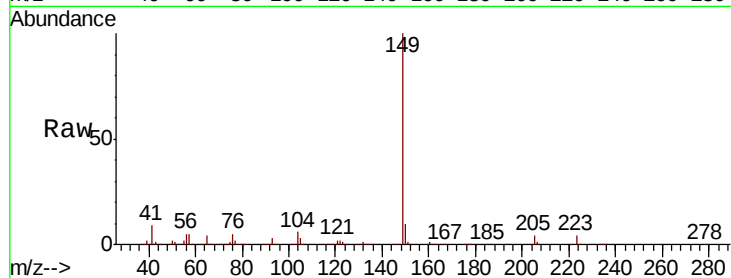
Tot Ion:149 Resp: 1369982

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

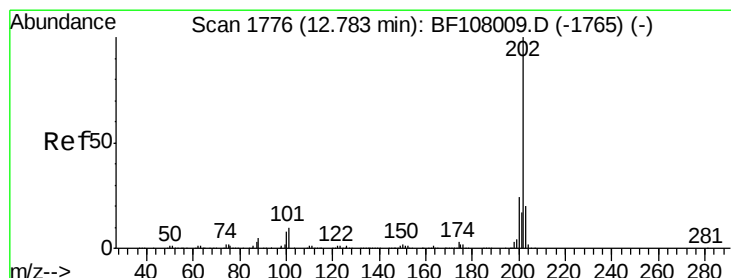
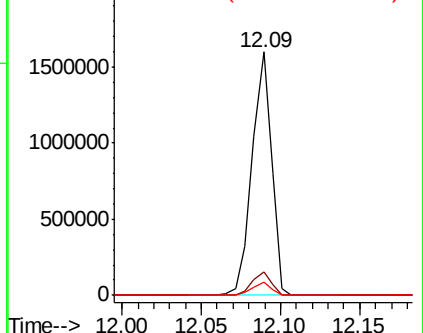
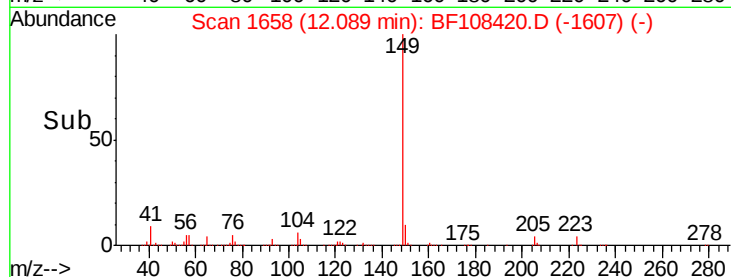
104 5.5 3.8 5.8



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: 45.285 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

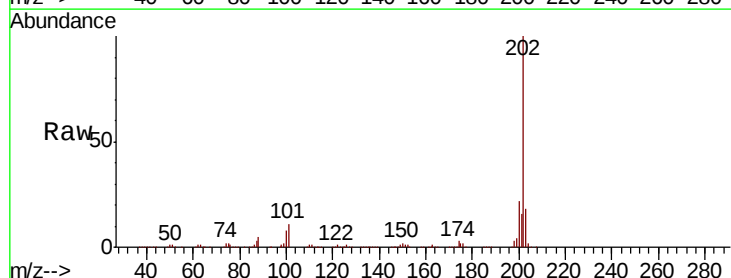
Tgt Ion:202 Resp: 1325889

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

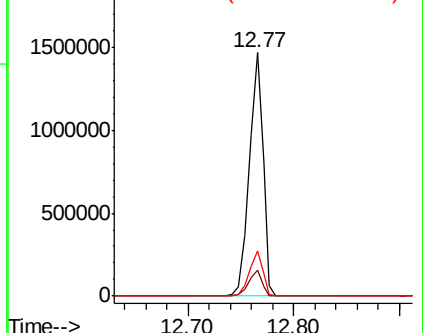
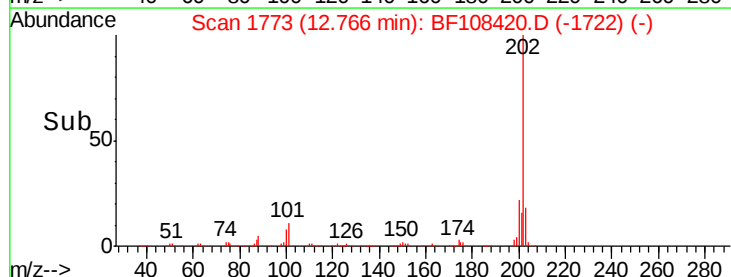
203 18.3 0.0 38.1

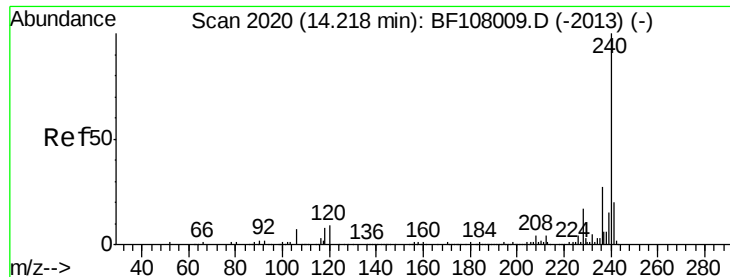


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

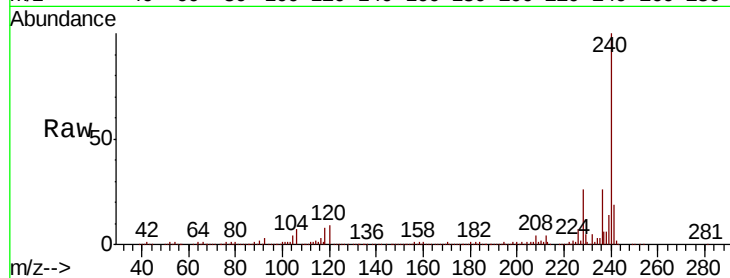
Tot Ion:240 Resp: 410604

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

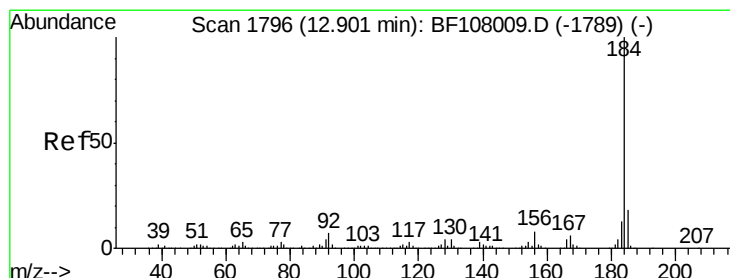
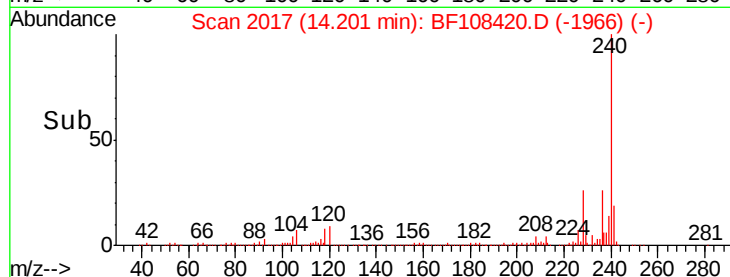
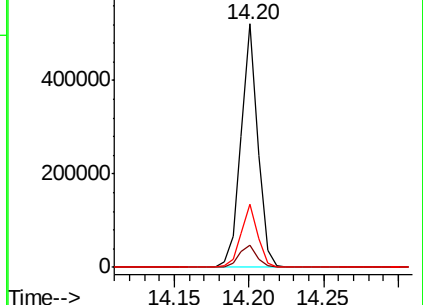
236 25.9 20.7 31.1



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: 40.704 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

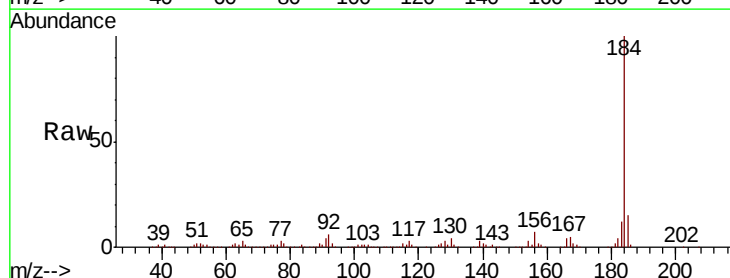
Tgt Ion:184 Resp: 624451

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

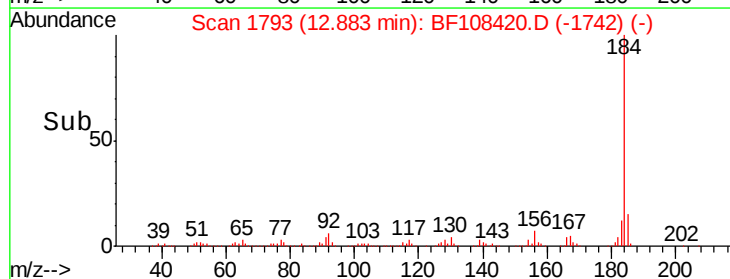
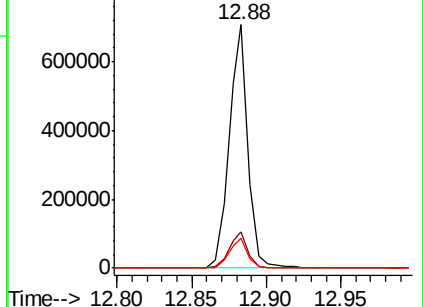
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

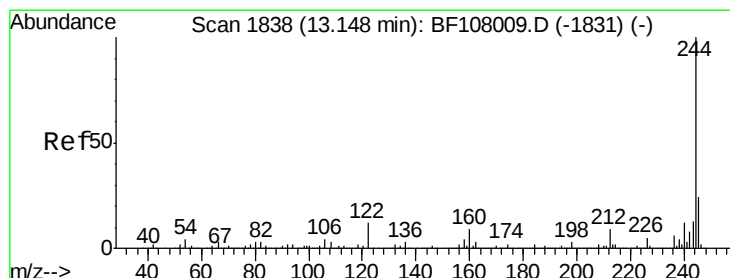
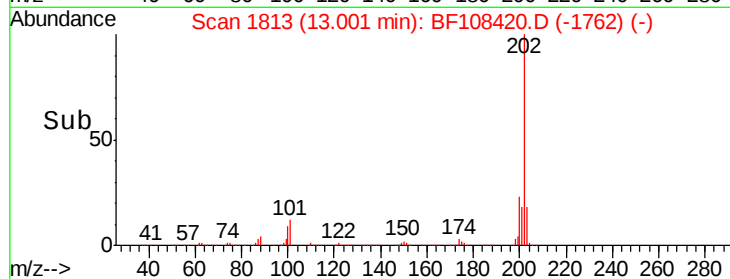
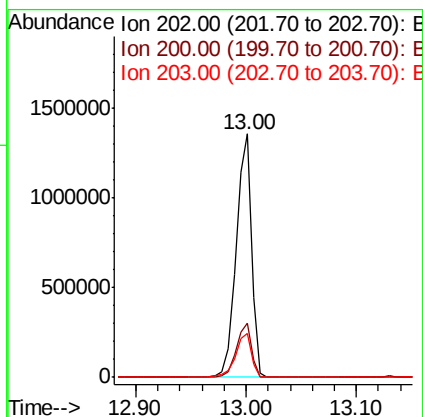
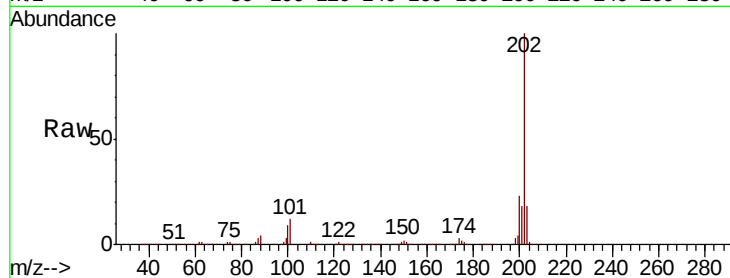




#77
Pvrene
Concen: 50.787 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

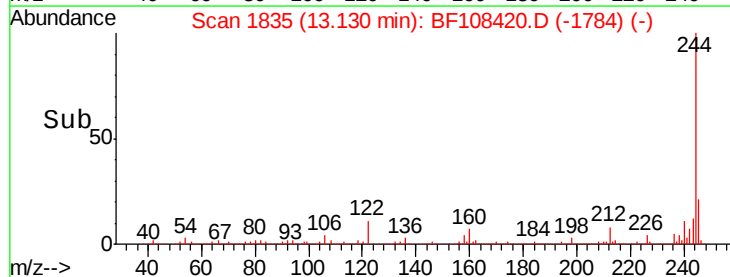
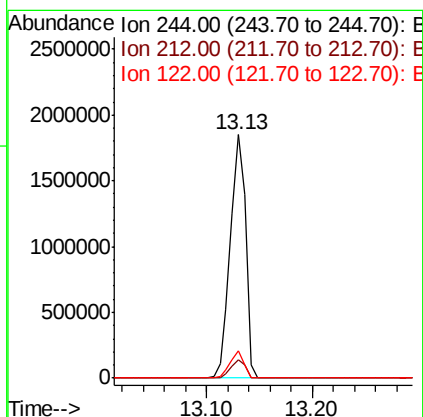
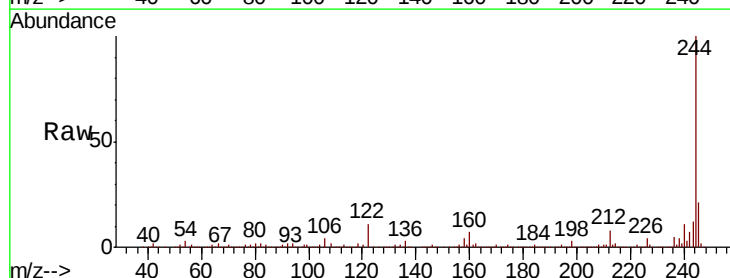
Instrument :
BNA_F
ClientSampleId :

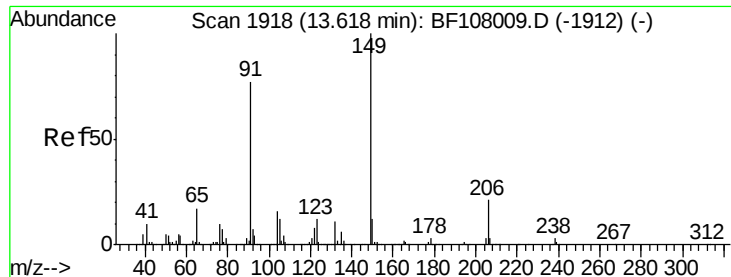
Tot Ion:202 Resp: 1320223
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 115.027 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:244 Resp: 1857592
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.0
122 11.3 11.0 16.4

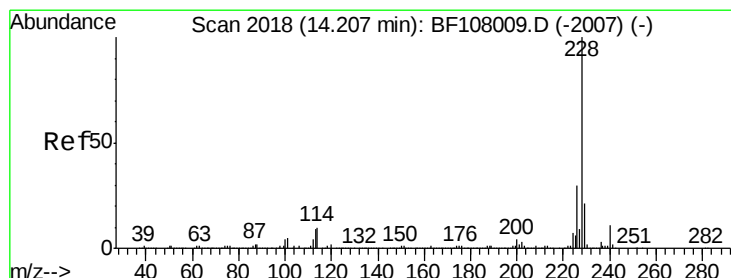
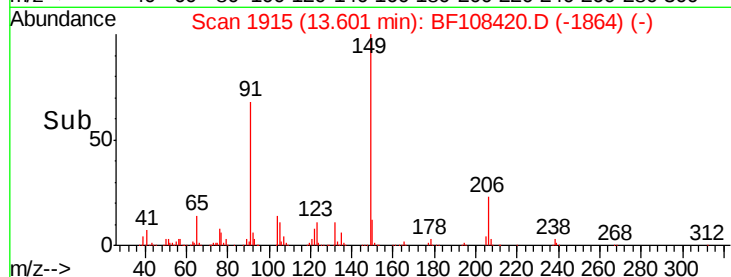
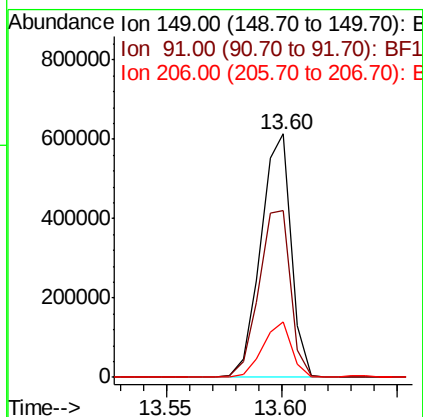
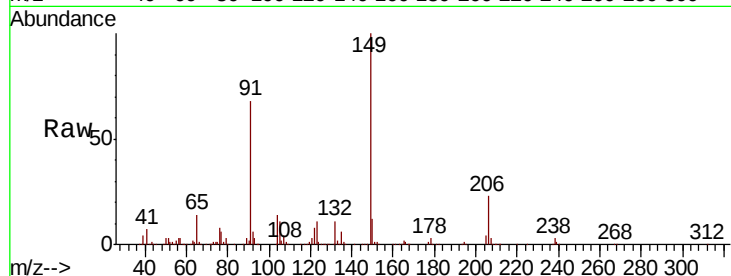




#79
Butylbenzylphthalate
Concen: 54.544 ng
RT: 13.60 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

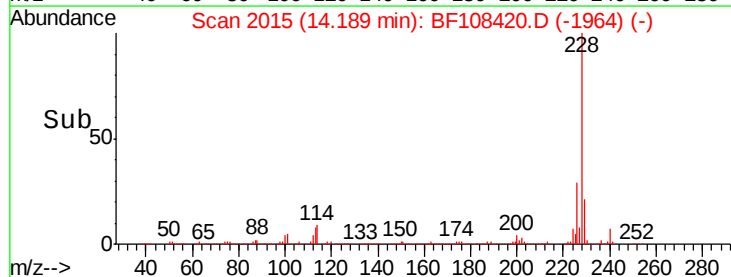
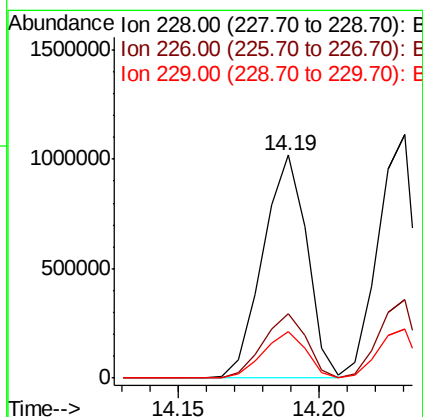
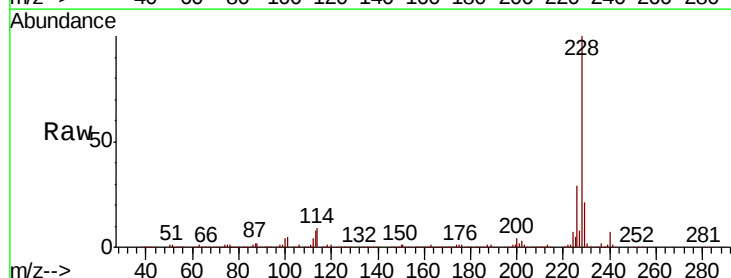
Instrument :
BNA_F
ClientSampleId :

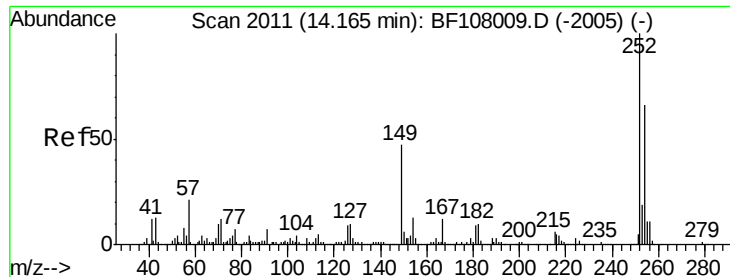
Tot Ion:149 Resp: 563029
Ion Ratio Lower Upper
149 100
91 68.5 56.8 85.2
206 22.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 46.826 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion:228 Resp: 1103431
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.7 15.8 23.6

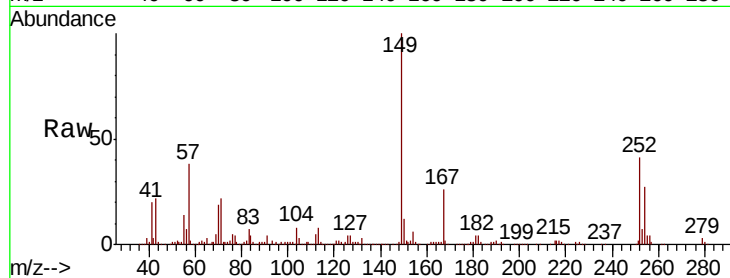




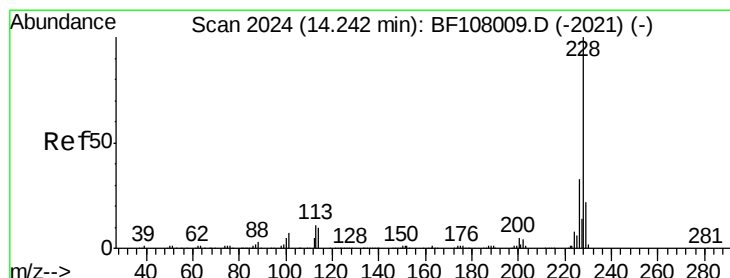
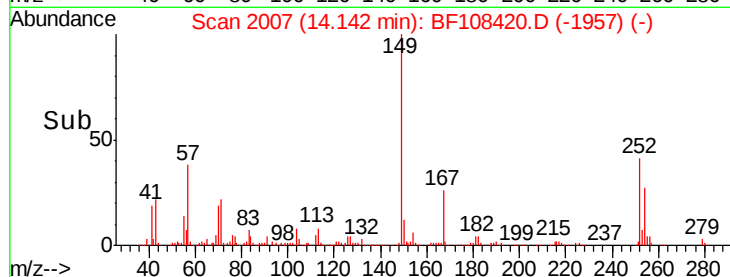
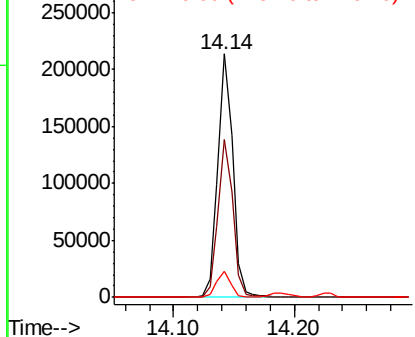
#81
 3,3'-Dichlorobenzidine
 Concen: 21.622 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:252 Resp: 182592
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 10.5 11.3 16.9#

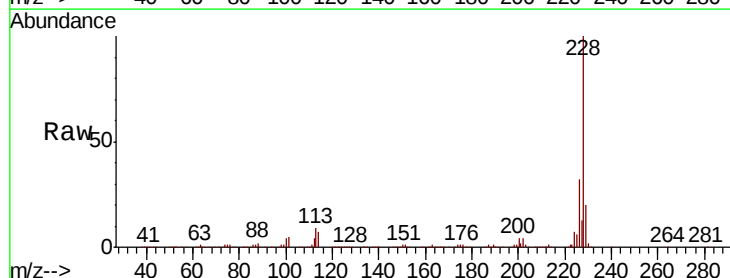


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

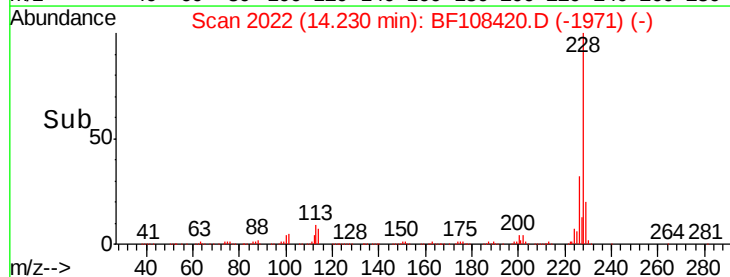
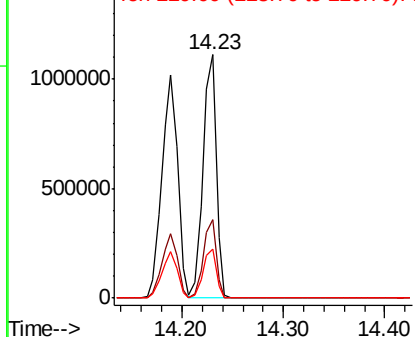


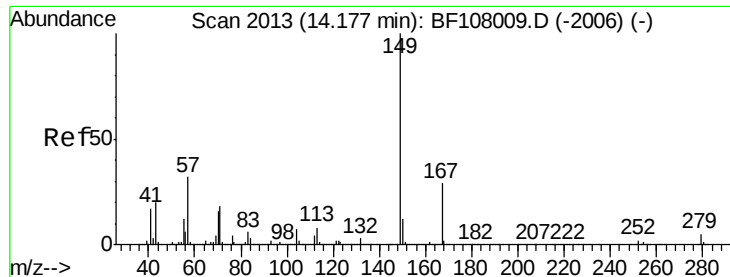
#82
 Chrysene
 Concen: 46.652 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108420.D
 Acq: 23 Aug 2018 11:49

Tgt Ion:228 Resp: 1007851
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.6
 229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.202 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

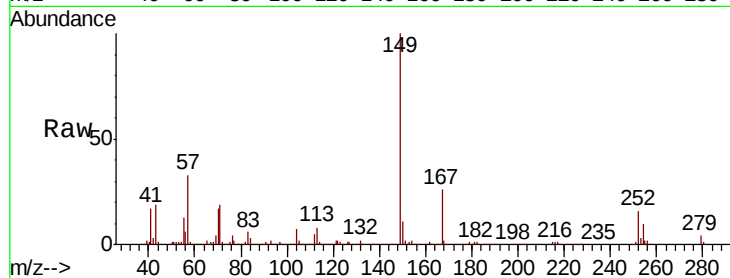
Tot Ion:149 Resp: 771634

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	4.1	3.0	4.4

149 100

167 26.0 21.3 31.9

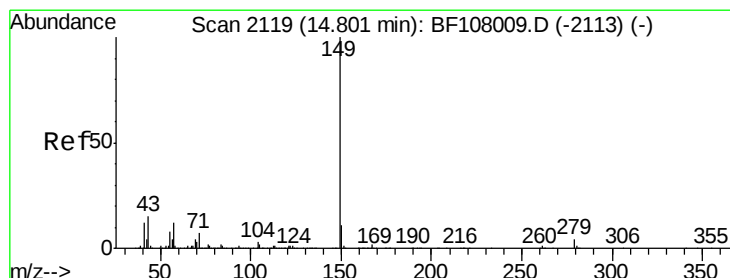
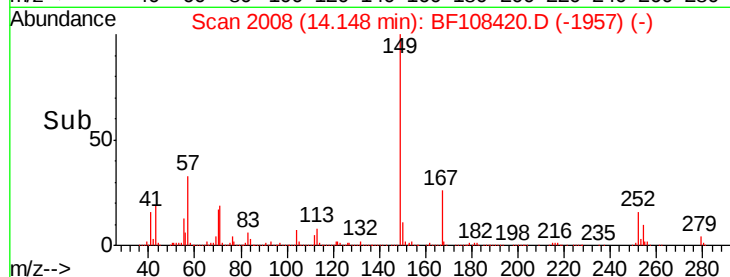
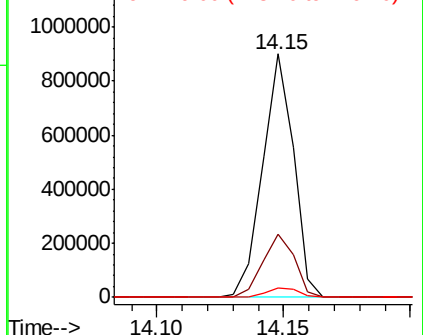
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.622 ng

RT: 14.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

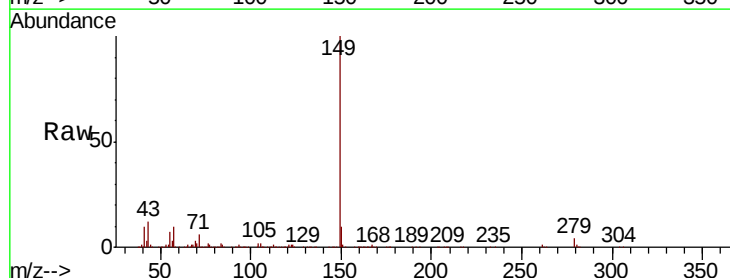
Tgt Ion:149 Resp: 1207085

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	8.4	12.6

149 100

167 1.5 1.2 1.8

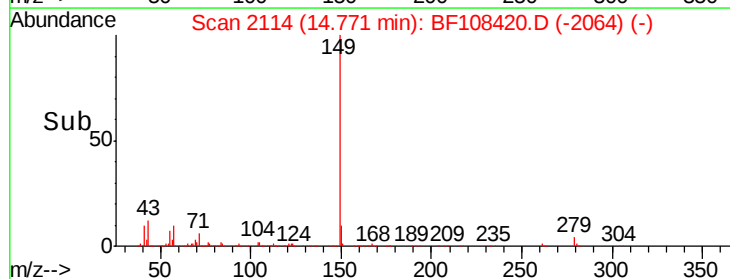
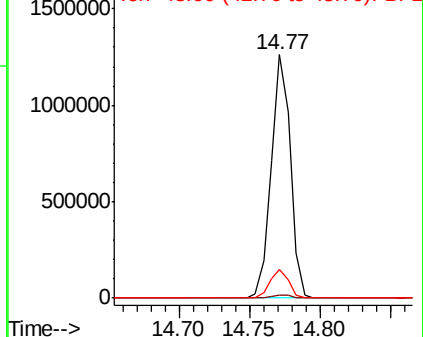
43 11.7 8.4 12.6

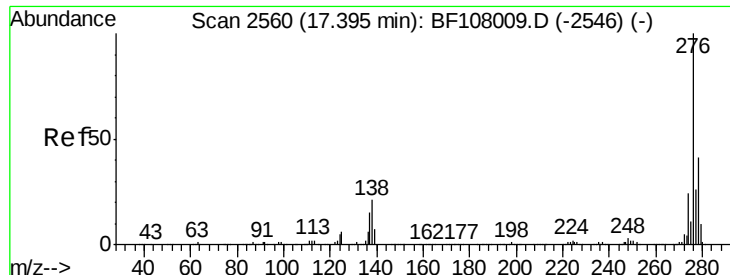


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

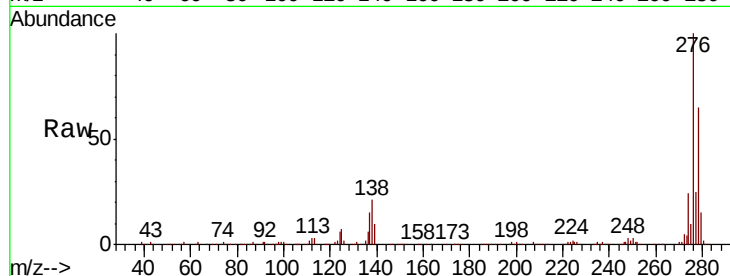




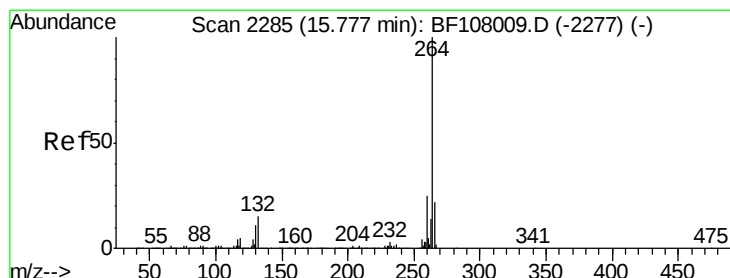
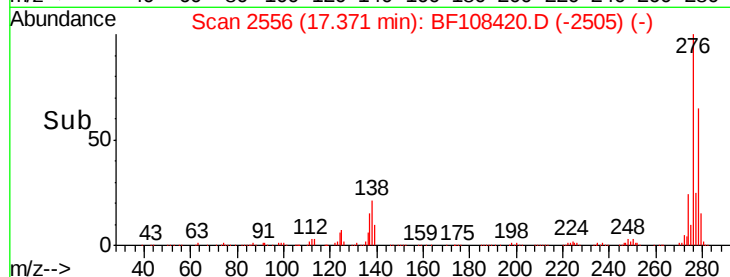
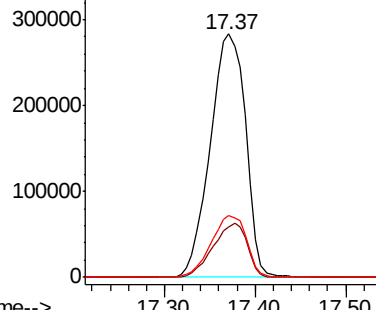
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.146 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	25.3	20.1	30.1

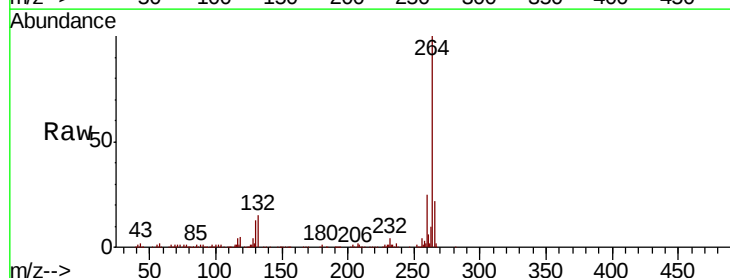


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

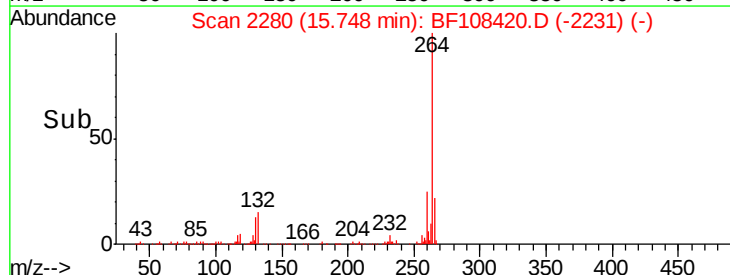
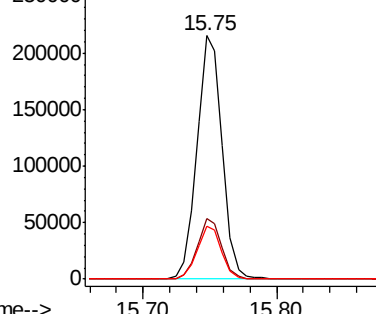


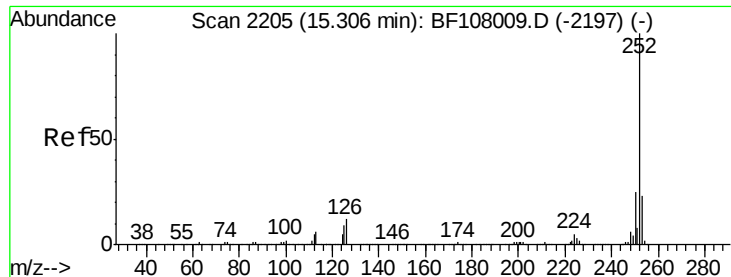
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.237 ng

RT: 15.29 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

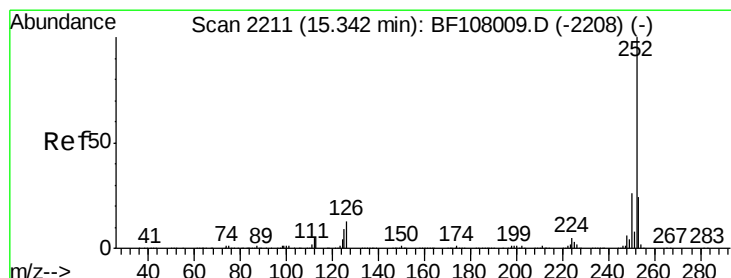
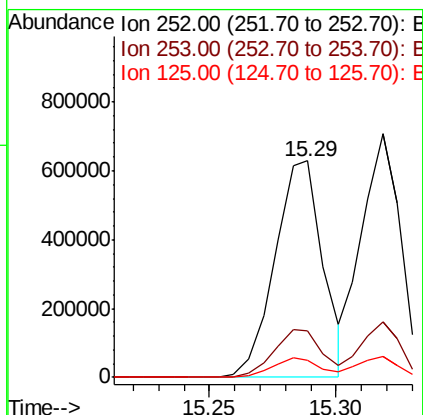
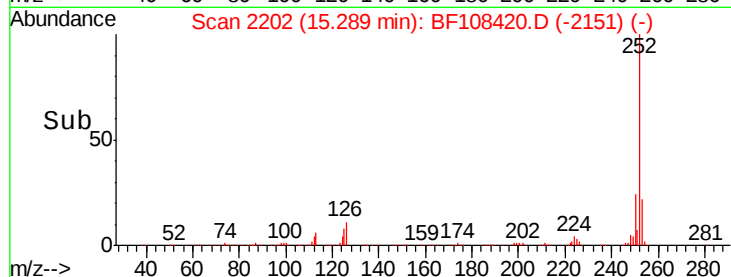
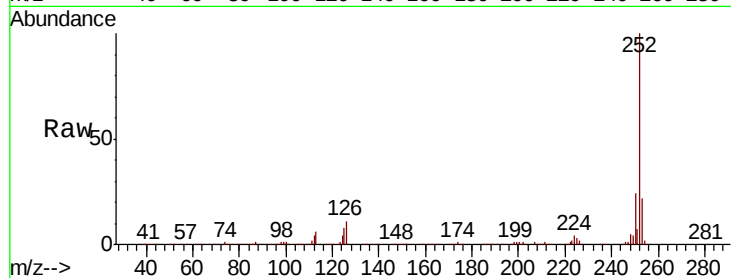
Tot Ion:252 Resp: 834470

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 8.1 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 48.913 ng

RT: 15.32 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

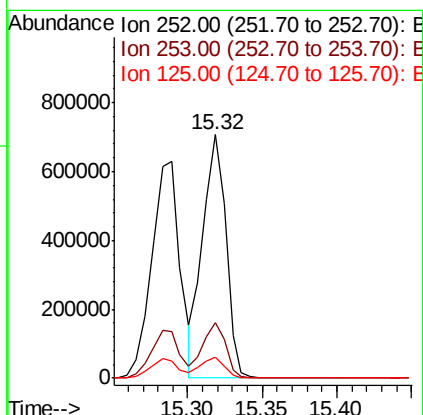
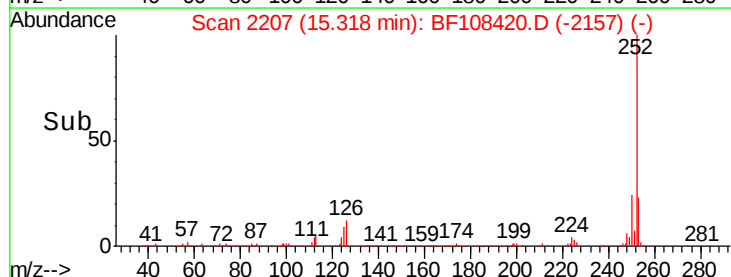
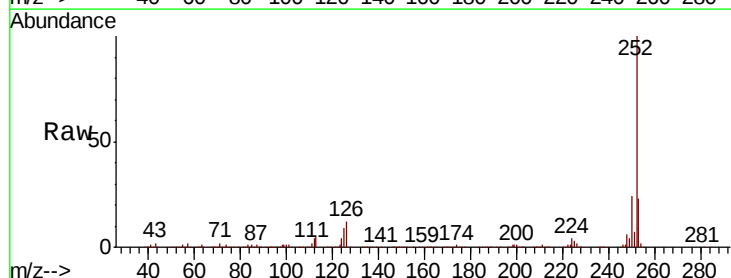
Tgt Ion:252 Resp: 762043

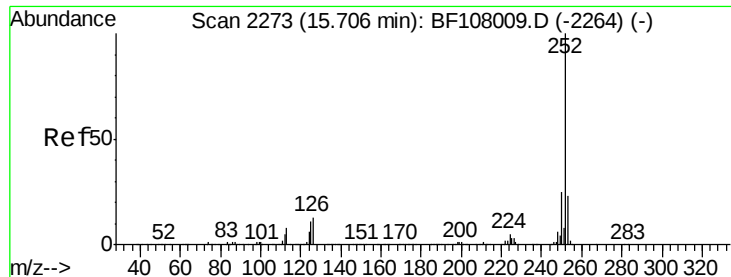
Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 8.8 10.2 15.2#

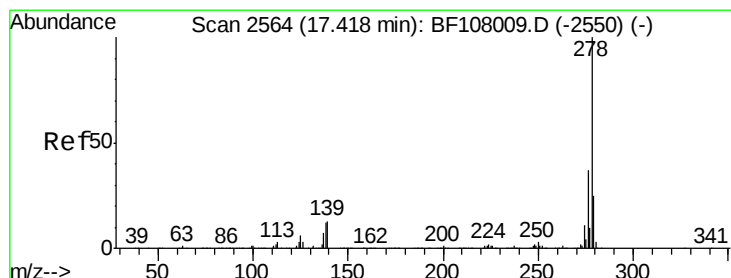
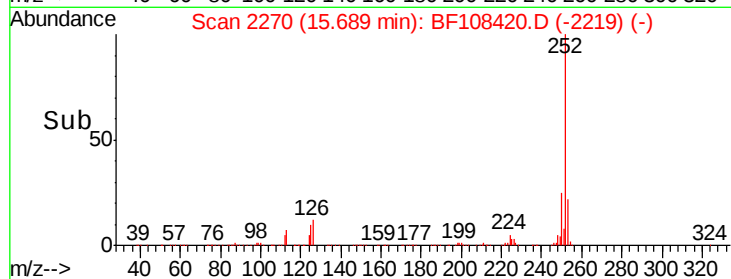
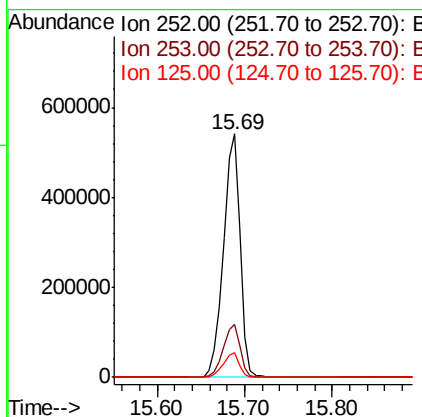
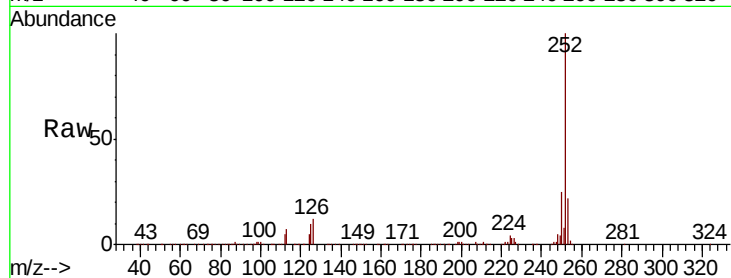




#89
Benzo(a)pyrene
Concen: 47.396 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

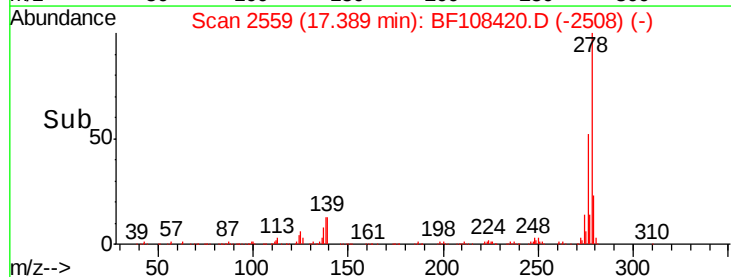
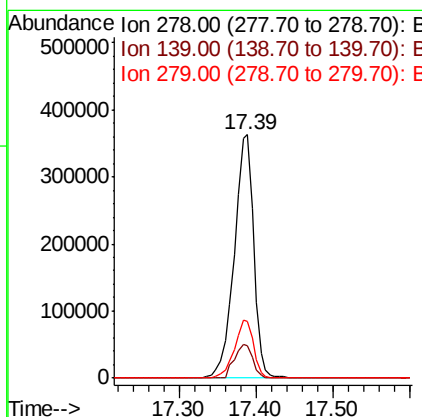
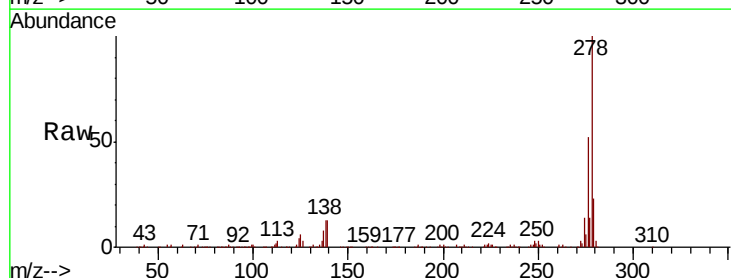
Instrument :
BNA_F
ClientSampleId :

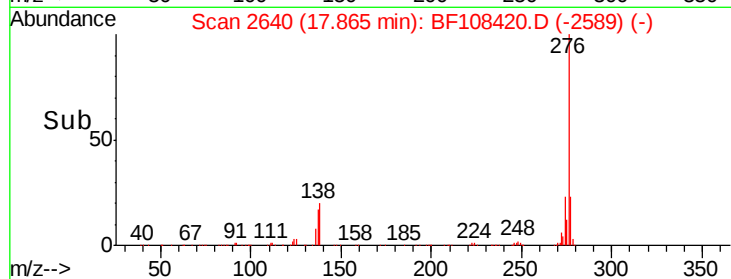
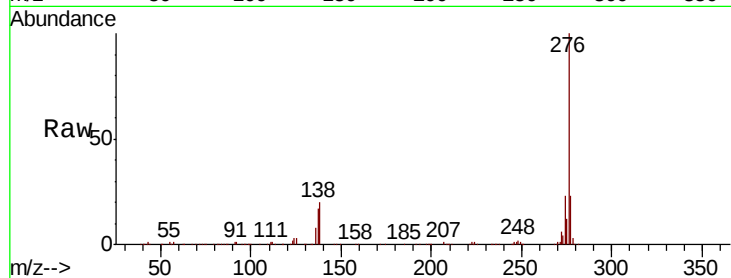
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 51.303 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108420.D
Acq: 23 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.9	23.9#
279	23.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 52.373 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BF108420.D

Acq: 23 Aug 2018 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 647588

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 19.6 21.8 32.8#

