

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108061.D
 Acq On : 9 Aug 2018 19:11
 Operator : JU/SJ
 Sample : J4382-06MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

Quant Time: Aug 10 01:09:51 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	272309	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	970084	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	410897	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	672539	20.00	ng	0.00
75) Chrysene-d12	14.22	240	646130	20.00	ng	0.00
86) Perylene-d12	15.78	264	483973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1352842	89.94	ng	0.01
7) Phenol-d6	6.63	99	1828157	91.47	ng	0.00
23) Nitrobenzene-d5	7.58	82	1142146	65.70	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	347898	84.88	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1824514	71.29	ng	0.00
78) Terphenyl-d14	13.15	244	1681733	66.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	185229	23.967	ng	88
3) Pyridine	3.71	79	513399	25.788	ng	# 84
4) n-Nitrosodimethylamine	3.67	42	314103	28.039	ng	# 84
6) Aniline	6.68	93	652060	23.984	ng	96
8) 2-Chlorophenol	6.80	128	515553	30.434	ng	95
9) Benzaldehyde	6.57	77	403501	26.038	ng	97
10) Phenol	6.65	94	630892	30.515	ng	96
11) bis(2-Chloroethyl)ether	6.75	93	493954	29.552	ng	92
12) 1,3-Dichlorobenzene	6.96	146	563071	28.747	ng	99
13) 1,4-Dichlorobenzene	7.04	146	564631	28.691	ng	98
14) 1,2-Dichlorobenzene	7.19	146	538383	29.411	ng	98
15) Benzyl Alcohol	7.15	79	491209	29.193	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	973131	28.261	ng	96
17) 2-Methylphenol	7.25	107	427337	29.416	ng	96
18) Hexachloroethane	7.53	117	170595	24.349	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	390476	28.890	ng	# 88
20) 3+4-Methylphenols	7.41	107	563353	30.261	ng	92
22) Acetophenone	7.42	105	745129	32.850	ng	# 91
24) Nitrobenzene	7.60	77	562451	31.995	ng	94
25) Isophorone	7.83	82	1010190	30.486	ng	97
26) 2-Nitrophenol	7.91	139	207645	31.277	ng	94
27) 2,4-Dimethylphenol	7.94	122	451580	30.706	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	621518	32.130	ng	99
29) 2,4-Dichlorophenol	8.15	162	425074	31.408	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	450526	30.193	ng	97
31) Naphthalene	8.32	128	1377681	31.228	ng	99
32) Benzoic acid	7.94	122	451580	52.303	ng	# 16
33) 4-Chloroaniline	8.37	127	434429	22.596	ng	99
34) Hexachlorobutadiene	8.44	225	283805	30.044	ng	99
35) Caprolactam	8.72	113	112529	26.532	ng	# 79
36) 4-Chloro-3-methylphenol	8.84	107	430090	29.458	ng	99
37) 2-Methylnaphthalene	9.01	142	915090	29.317	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	450158	35.675	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	72005	8.835	ng	97

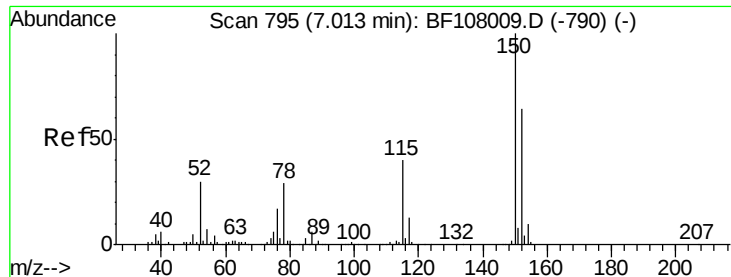
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
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 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	281053	35.893	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	288130	33.427	ng	95
45) 1,1'-Biphenyl	9.48	154	1069538	35.304	ng	99
46) 2-Chloronaphthalene	9.51	162	801016	33.453	ng	98
47) 2-Nitroaniline	9.60	65	277569	35.827	ng	93
48) Acenaphthylene	9.92	152	1222037	32.283	ng	100
49) Dimethylphthalate	9.77	163	1322126	46.192	ng #	98
50) 2,6-Dinitrotoluene	9.84	165	196797	32.863	ng #	85
51) Acenaphthene	10.10	154	703124	30.326	ng	99
52) 3-Nitroaniline	10.01	138	197194	30.097	ng	89
53) 2,4-Dinitrophenol	10.11	184	12079	11.937	ng #	55
54) Dibenzofuran	10.27	168	1042880	31.047	ng	98
55) 4-Nitrophenol	10.15	139	265918	53.596	ng #	84
56) 2,4-Dinitrotoluene	10.24	165	227638	29.532	ng	96
57) Fluorene	10.61	166	771247	29.004	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	213434	29.625	ng #	85
59) Diethylphthalate	10.48	149	901090	32.511	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	416536	30.062	ng	94
61) 4-Nitroaniline	10.62	138	182313	28.144	ng	97
62) Azobenzene	10.77	77	818515	28.596	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	15375	10.768	ng	91
65) n-Nitrosodiphenylamine	10.72	169	718790	36.167	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	245190	33.548	ng	90
67) Hexachlorobenzene	11.17	284	245319	31.901	ng #	87
68) Atrazine	11.24	200	231319	34.702	ng	95
69) Pentachlorophenol	11.35	266	231852	62.991	ng	99
70) Phenanthrene	11.58	178	1029415	32.452	ng	100
71) Anthracene	11.64	178	1056478	32.495	ng	100
72) Carbazole	11.79	167	957626	33.152	ng	99
73) Di-n-butylphthalate	12.11	149	1151355	35.189	ng	99
74) Fluoranthene	12.78	202	1177377	34.009	ng	96
76) Benzidine	12.90	184	865652	35.858	ng	99
77) Pyrene	13.01	202	1195181	29.217	ng	99
79) Butylbenzylphthalate	13.62	149	521157	32.084	ng	97
80) Benzo(a)anthracene	14.21	228	1150425	31.024	ng	100
81) 3,3'-Dichlorobenzidine	14.17	252	463250	34.860	ng #	96
82) Chrysene	14.24	228	1065120	31.331	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	742171	33.740	ng	99
84) Di-n-octyl phthalate	14.80	149	1266510	37.753	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.39	276	697840	23.691	ng #	92
87) Benzo(b)fluoranthene	15.31	252	958441	33.142	ng	96
88) Benzo(k)fluoranthene	15.34	252	860474	32.368	ng #	96
89) Benzo(a)pyrene	15.71	252	808102	31.205	ng #	97
90) Dibenzo(a,h)anthracene	17.41	278	596957	27.860	ng #	95
91) Benzo(g,h,i)perylene	17.89	276	559660	26.526	ng #	90

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

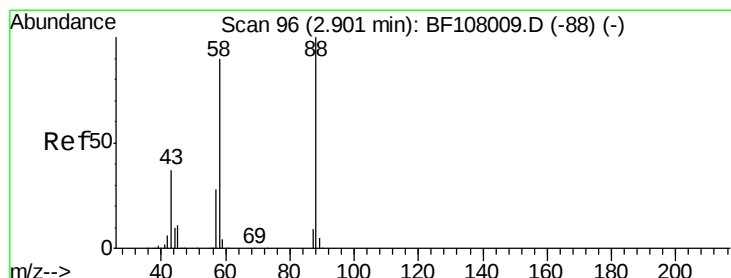
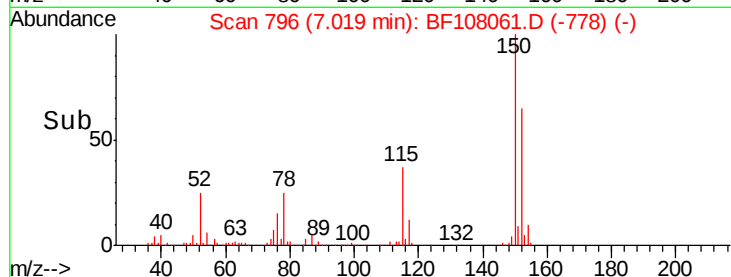
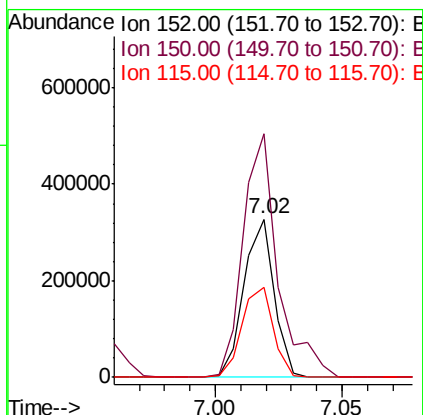
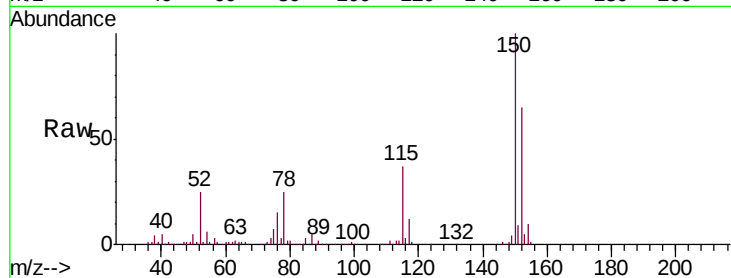


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

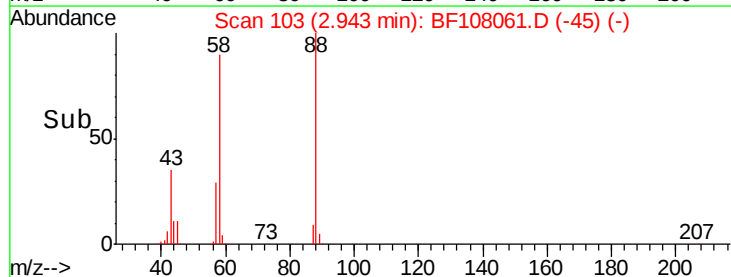
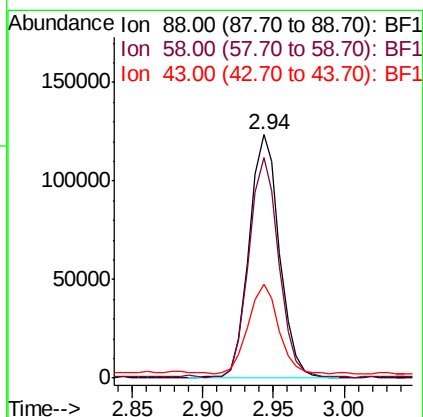
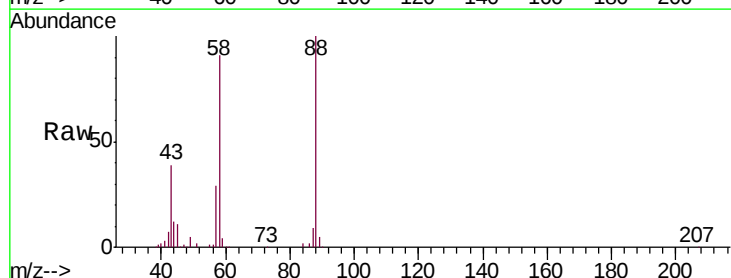
Tgt Ion:152 Resp: 272309
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 57.0 50.1 75.1

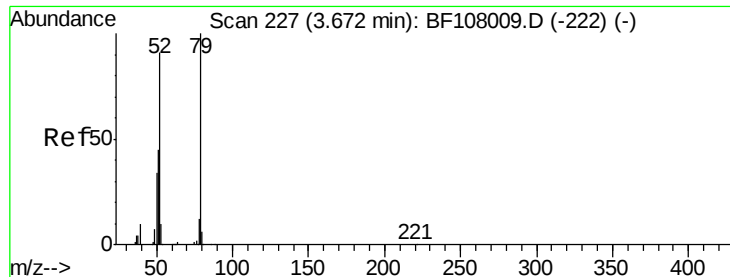


#2

1,4-Dioxane
Concen: 23.967 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion: 88 Resp: 185229
Ion Ratio Lower Upper
88 100
58 89.4 62.6 93.8
43 36.8 24.6 37.0

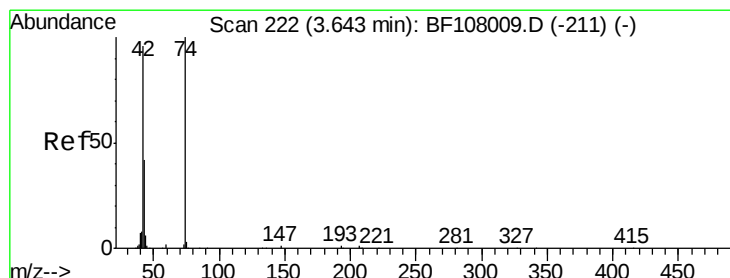
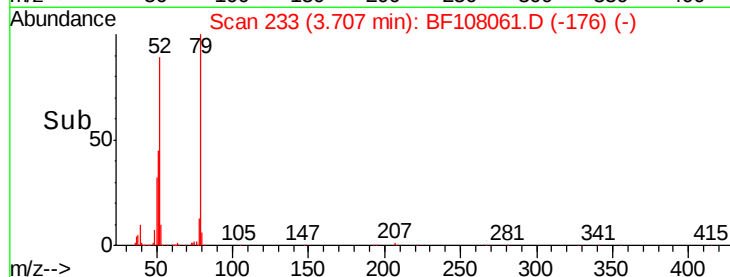
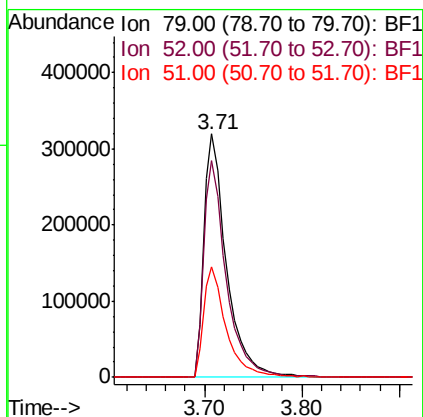
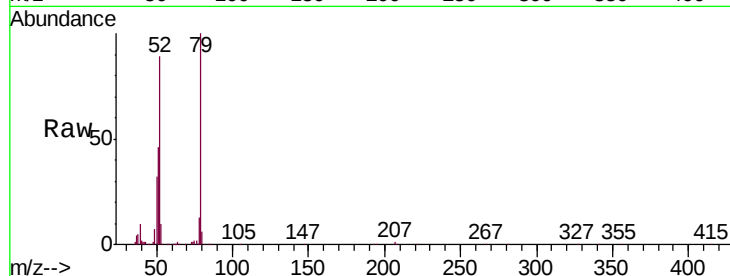




#3
 Pyridine
 Concen: 25.788 ng
 RT: 3.71 min Scan# 233
 Delta R.T. 0.04 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

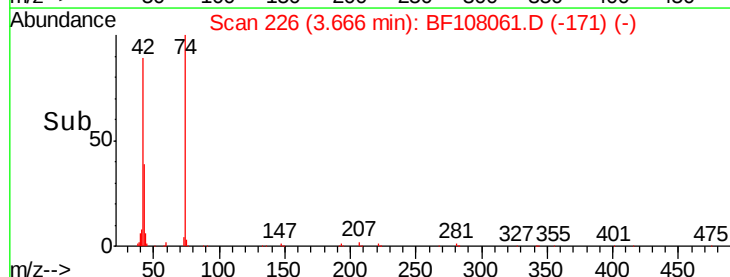
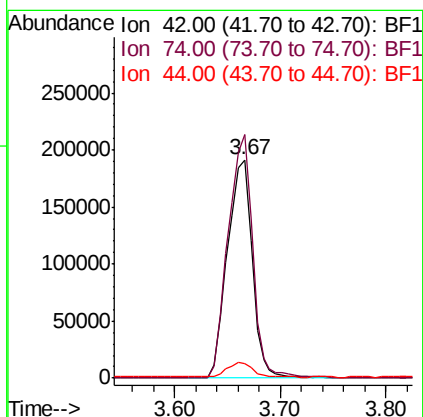
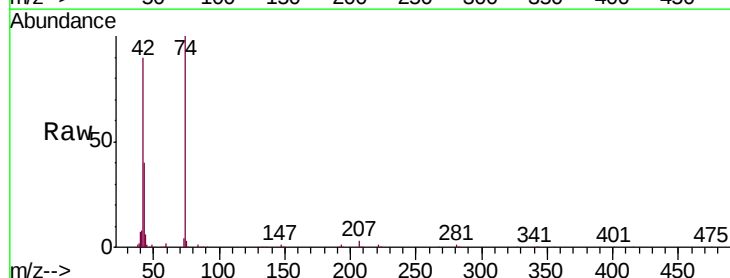
Instrument :
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 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

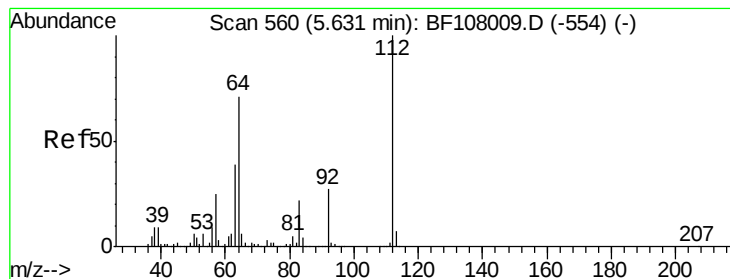
Tgt Ion: 79 Resp: 513399
 Ion Ratio Lower Upper
 79 100
 52 89.1 59.8 89.6
 51 45.5 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 28.039 ng
 RT: 3.67 min Scan# 226
 Delta R.T. 0.02 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion: 42 Resp: 314103
 Ion Ratio Lower Upper
 42 100
 74 111.6 104.9 157.3
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 89.944 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

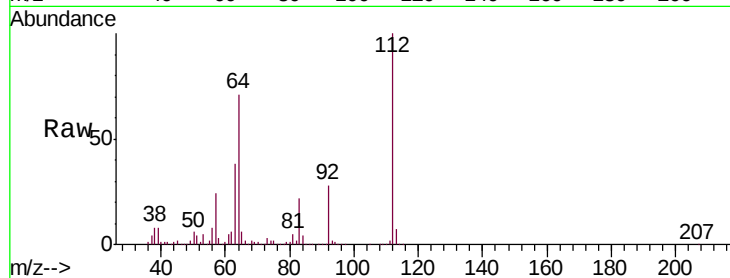
Tgt Ion: 112 Resp: 1352842

Ion Ratio Lower Upper

112 100

64 71.4 47.9 71.9

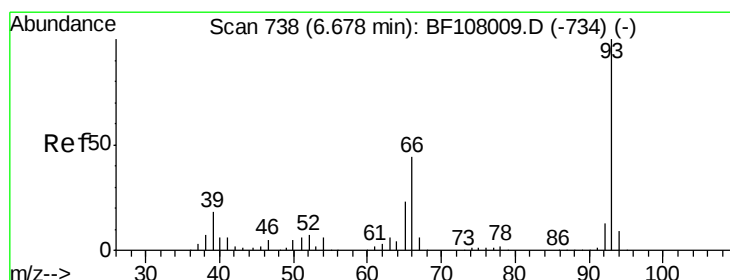
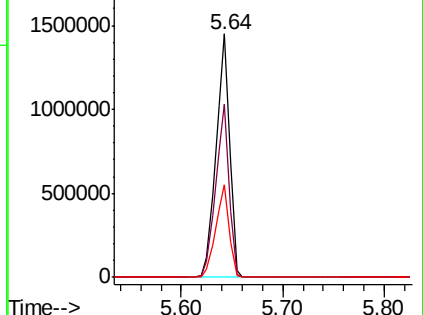
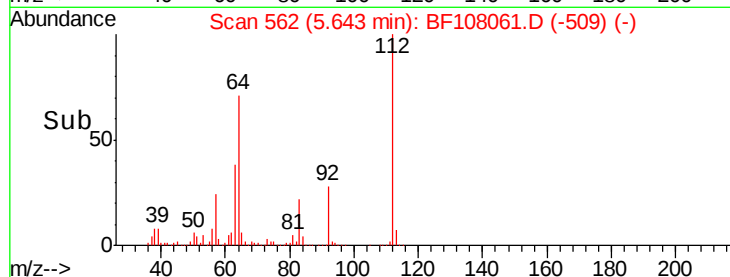
63 38.0 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.984 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

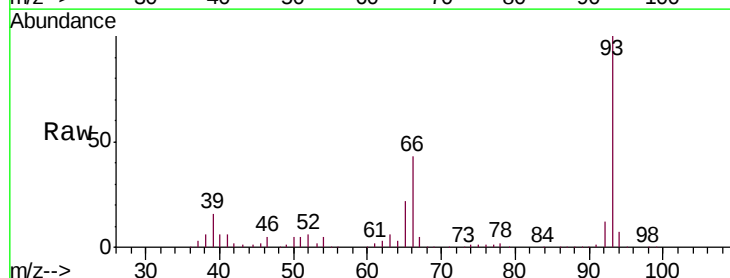
Tgt Ion: 93 Resp: 652060

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

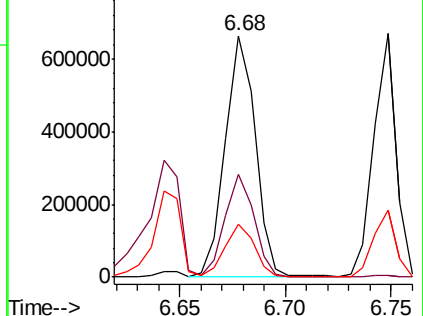
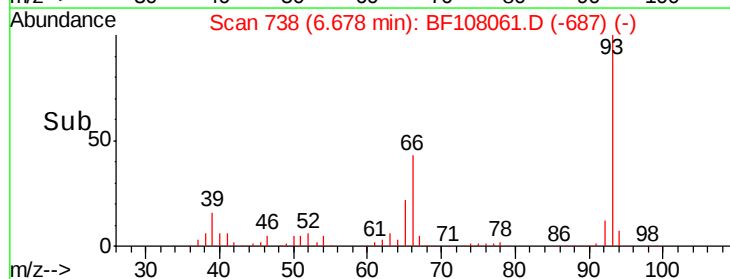
65 22.1 16.4 24.6

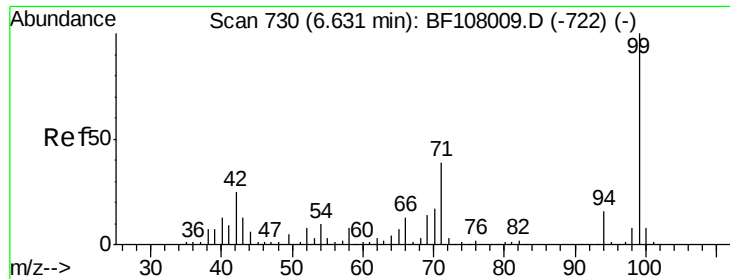


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.466 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

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JTY-SB-03-04-05-1-11MSD

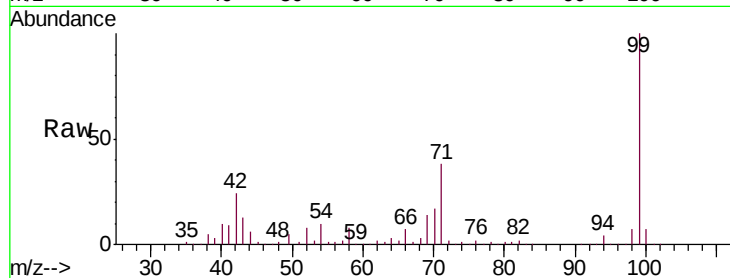
Tgt Ion: 99 Resp: 1828157

Ion Ratio Lower Upper

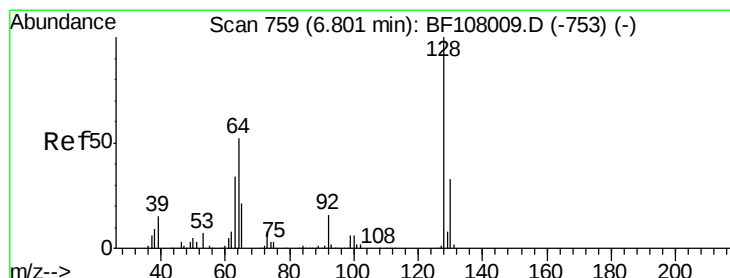
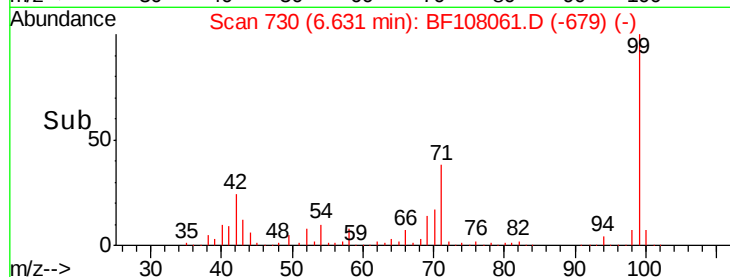
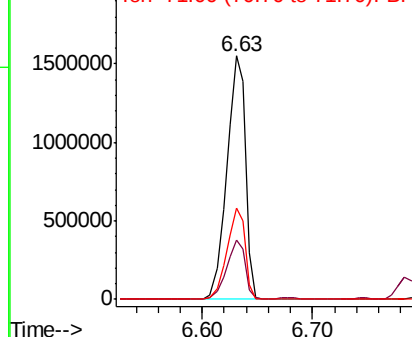
99 100

42 24.4 14.5 21.7#

71 37.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 30.434 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

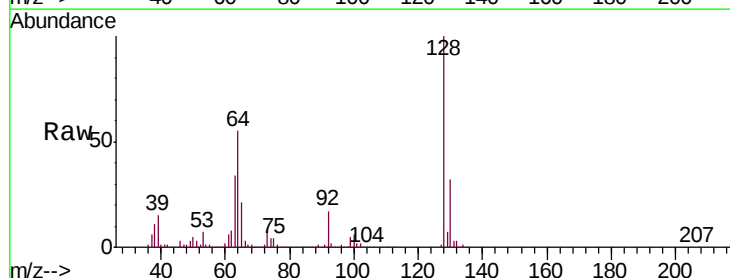
Tgt Ion: 128 Resp: 515553

Ion Ratio Lower Upper

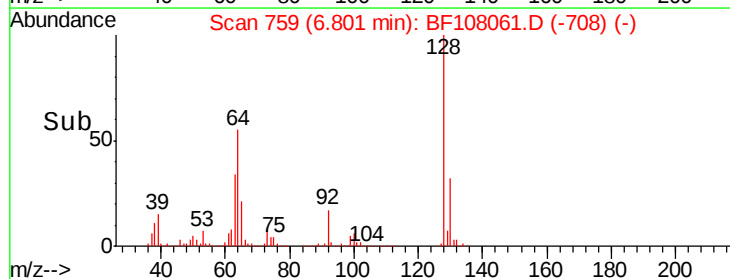
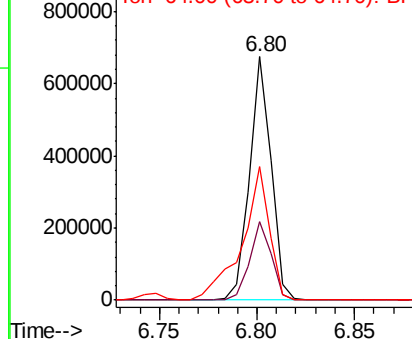
128 100

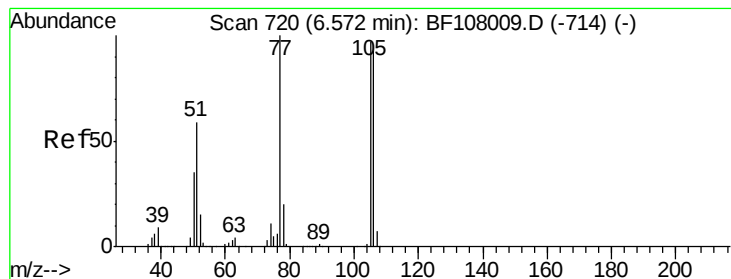
130 32.4 13.0 53.0

64 54.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.038 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

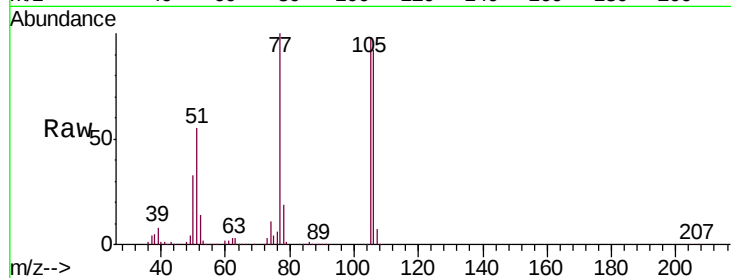
Tgt Ion: 77 Resp: 403501

Ion Ratio Lower Upper

77 100

105 97.7 81.1 121.1

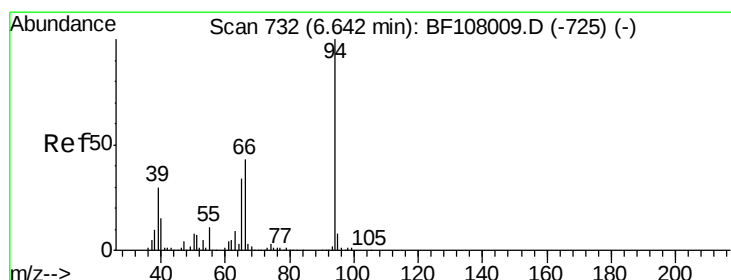
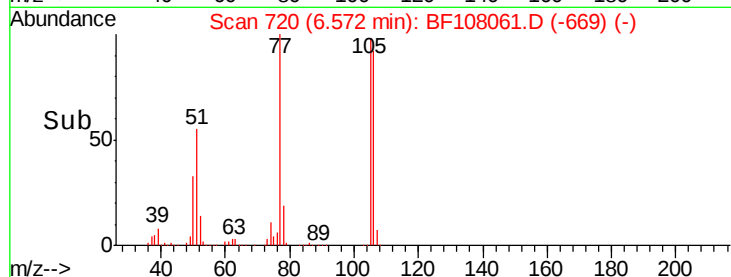
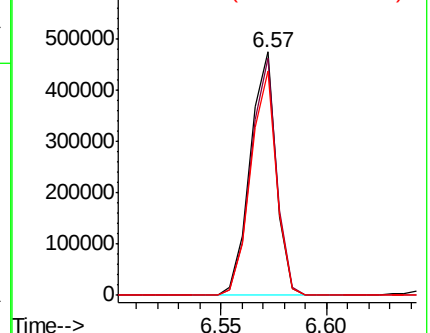
106 92.1 74.5 114.5



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: 30.515 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

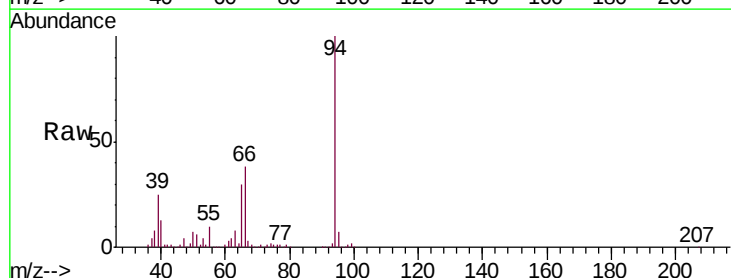
Tgt Ion: 94 Resp: 630892

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

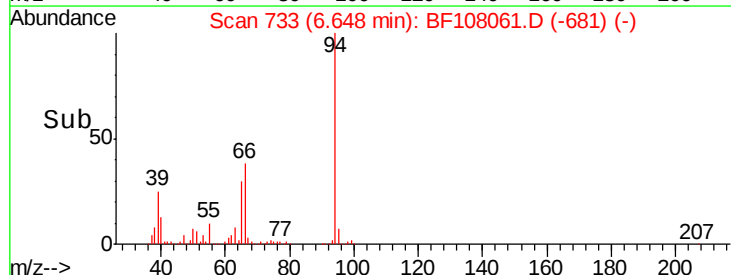
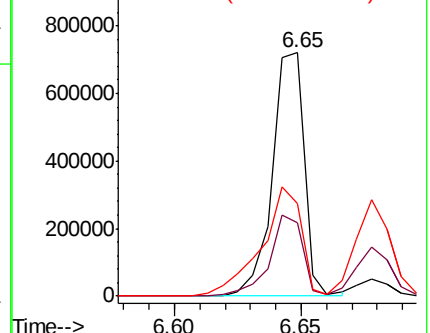
66 38.1 16.2 56.2

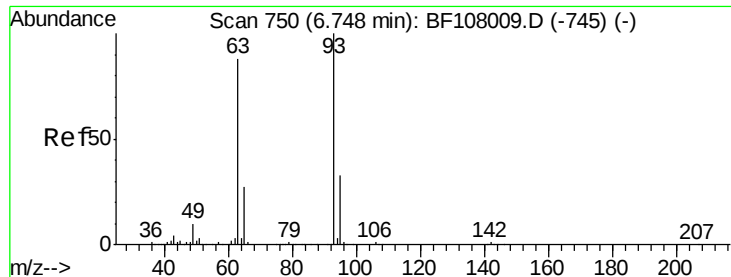


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

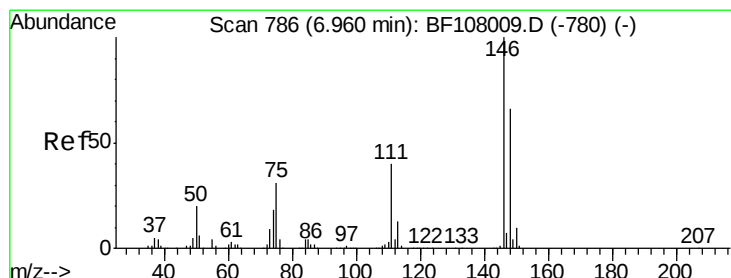
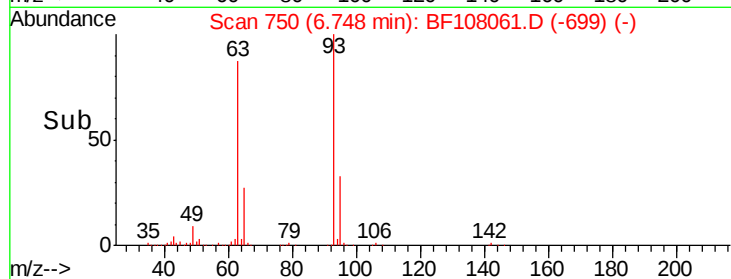
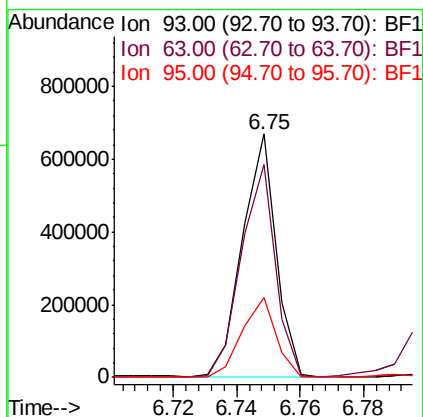
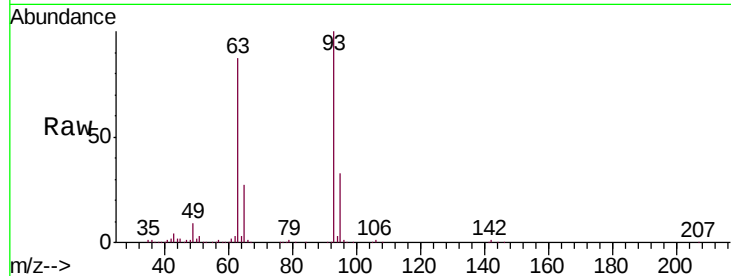




#11
bis(2-Chloroethyl)ether
Concen: 29.552 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

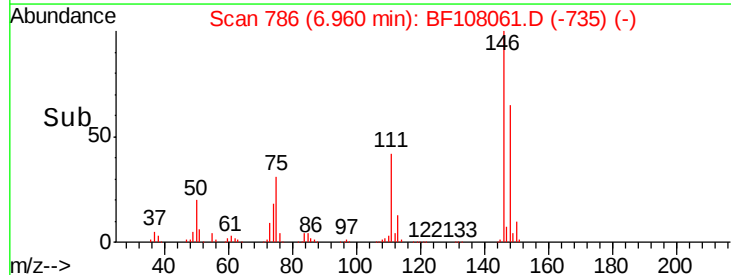
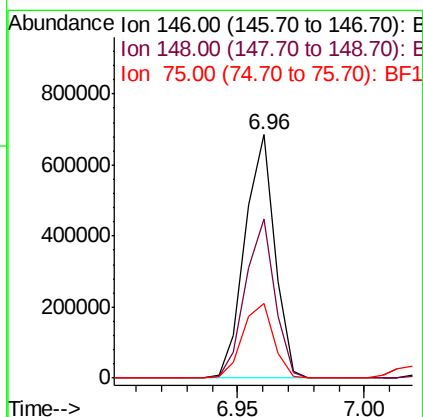
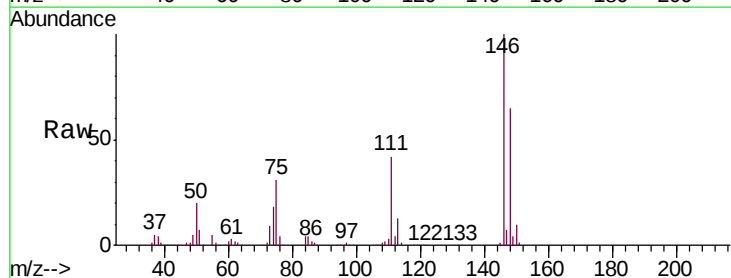
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

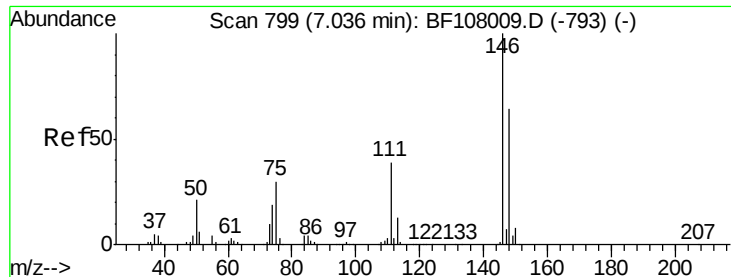
Tgt Ion: 93 Resp: 493954
Ion Ratio Lower Upper
93 100
63 87.5 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 28.747 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion: 146 Resp: 563071
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 30.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 28.691 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

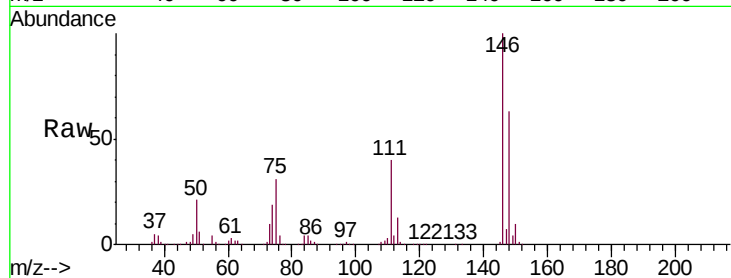
Tgt Ion:146 Resp: 564631

Ion Ratio Lower Upper

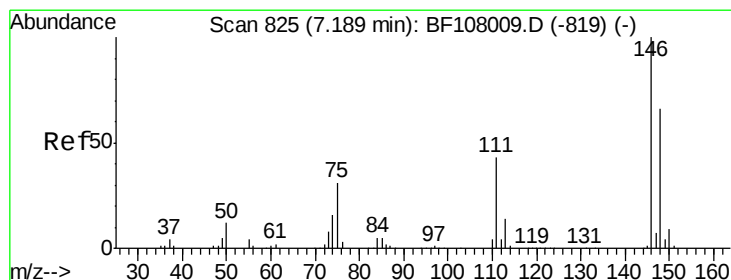
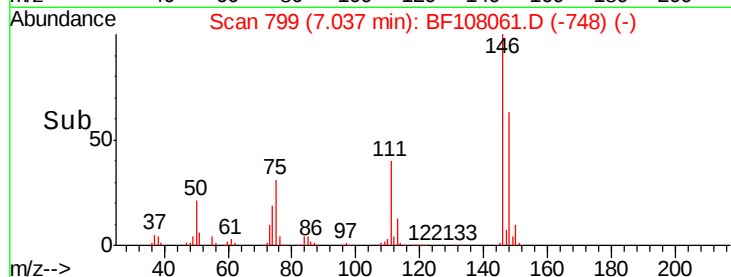
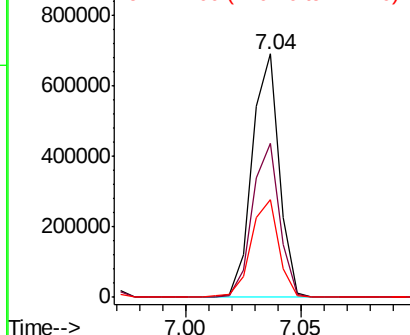
146 100

148 63.4 50.8 76.2

111 40.3 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: 29.411 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

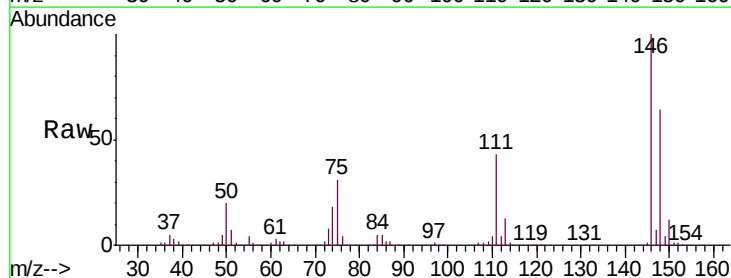
Tgt Ion:146 Resp: 538383

Ion Ratio Lower Upper

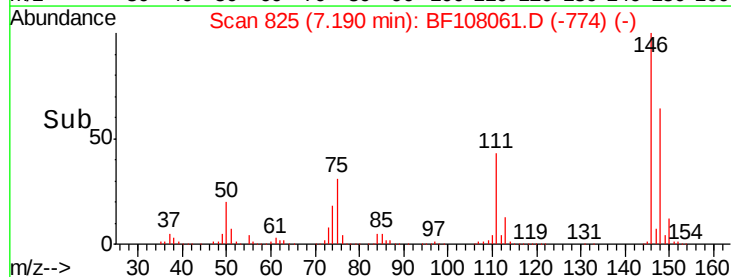
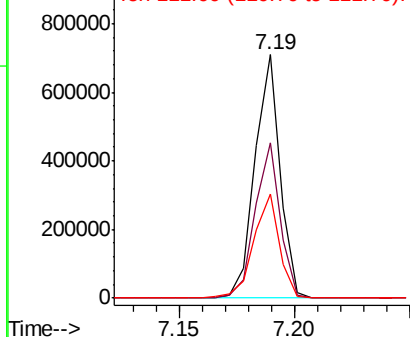
146 100

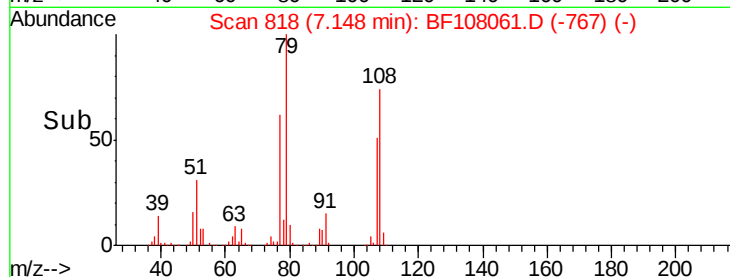
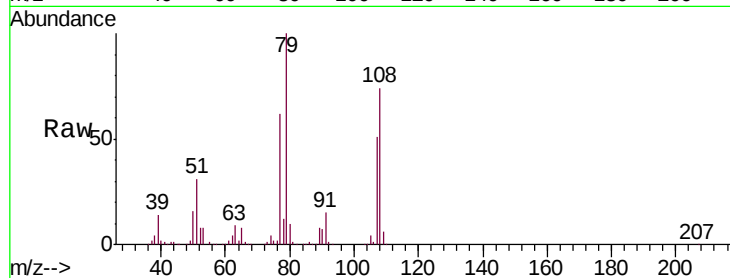
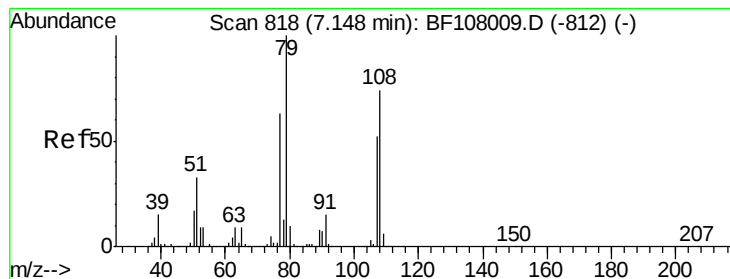
148 63.7 50.6 75.8

111 42.5 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: 29.193 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

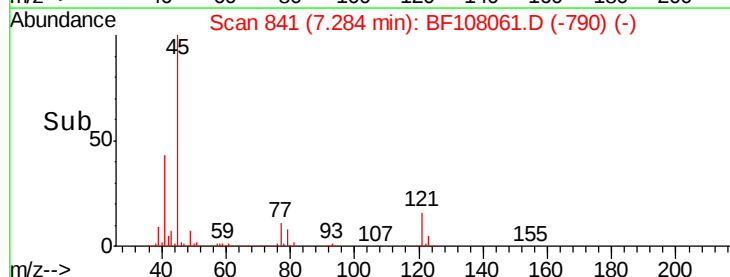
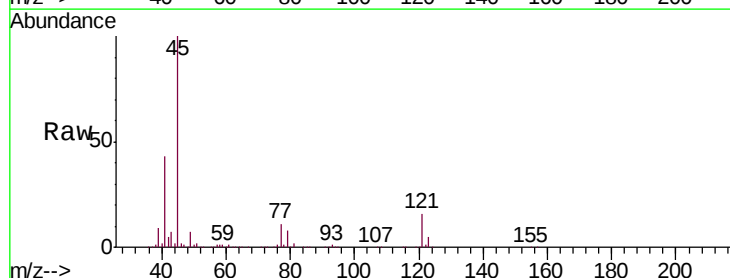
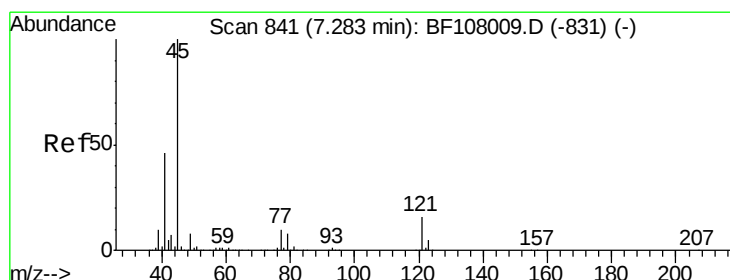
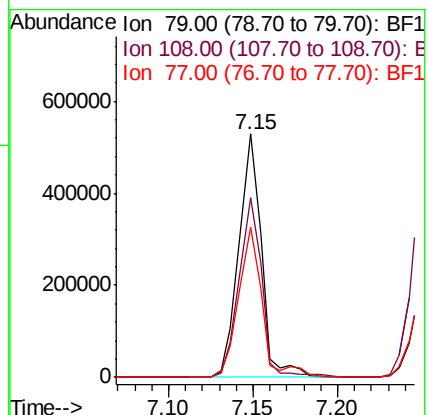
Tgt Ion: 79 Resp: 491209

Ion Ratio Lower Upper

79 100

108 74.0 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.261 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

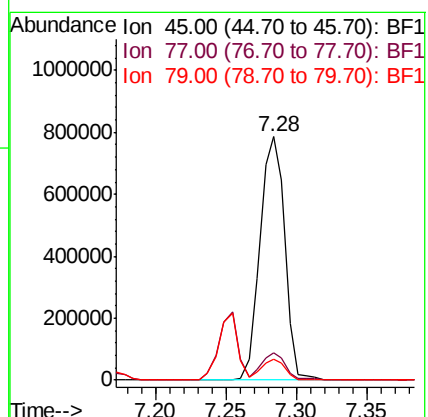
Tgt Ion: 45 Resp: 973131

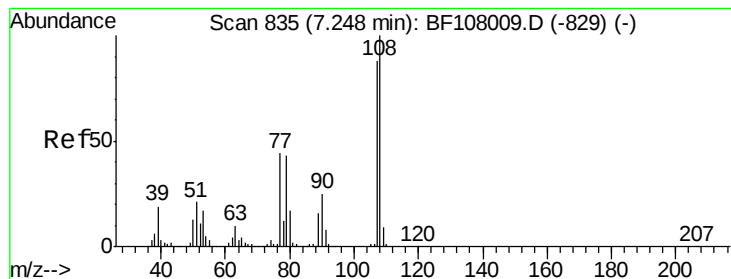
Ion Ratio Lower Upper

45 100

77 11.2 0.0 32.9

79 8.5 0.0 29.6





#17

2-Methylphenol

Concen: 29.416 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

Tgt Ion:107 Resp: 427337

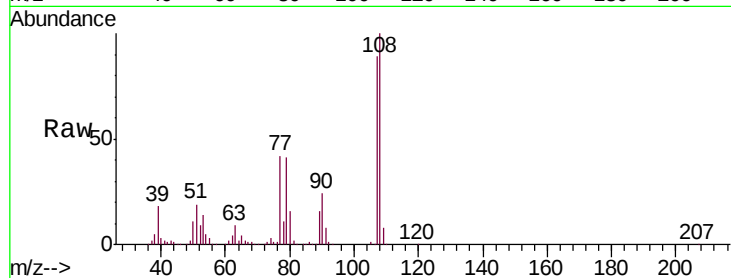
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 46.8 33.8 50.8

79 46.4 33.8 50.8

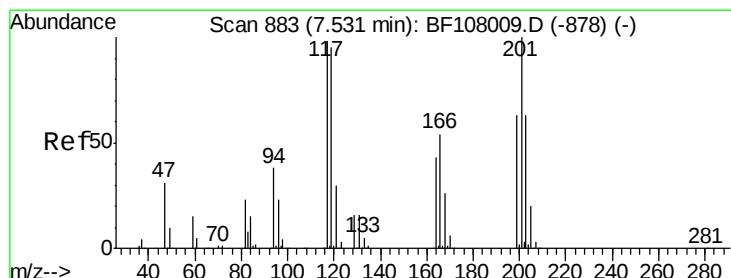
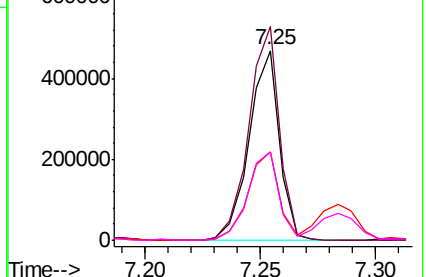
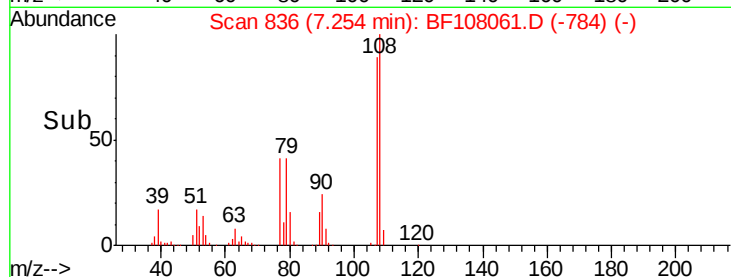


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.349 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

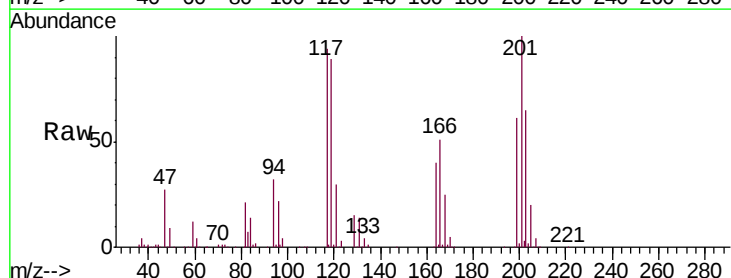
Tgt Ion:117 Resp: 170595

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

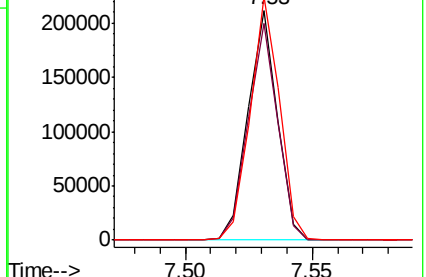
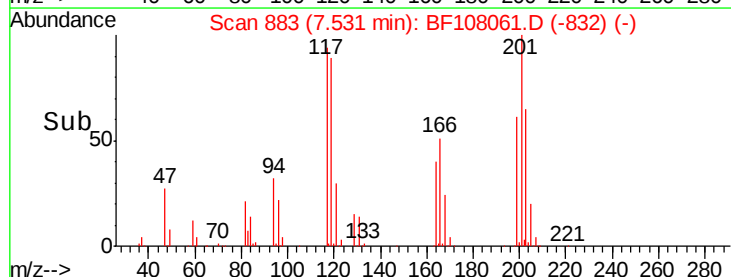
201 105.9 75.7 113.5

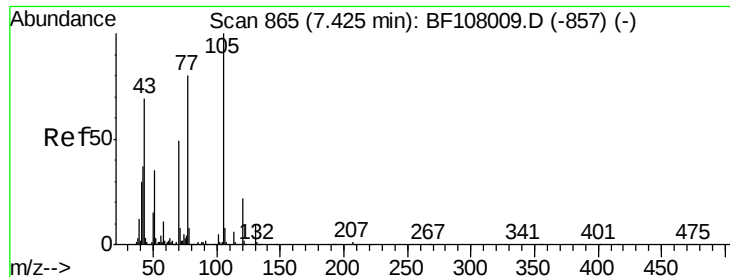


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

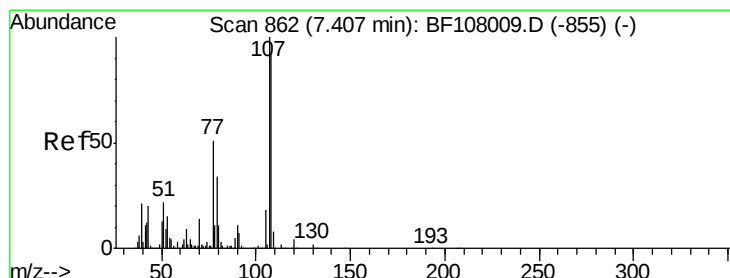
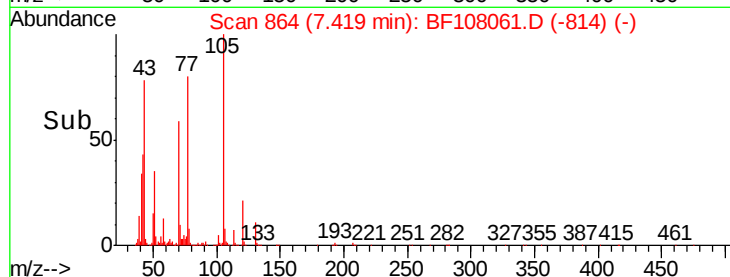
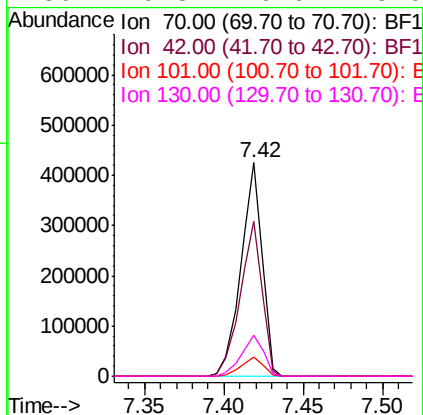
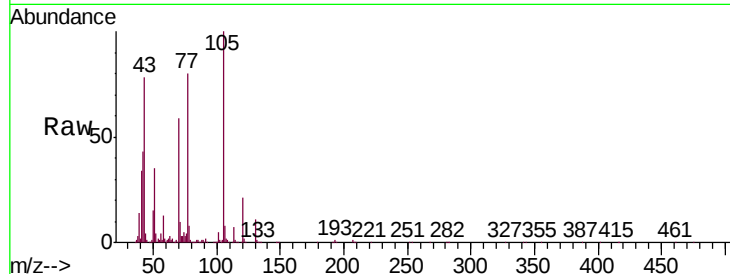




#19
n-Nitroso-di-n-propylamine
Concen: 28.890 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

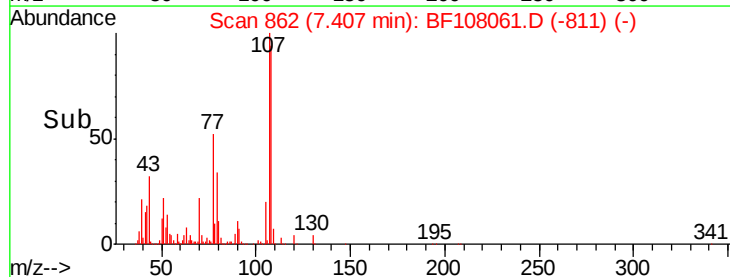
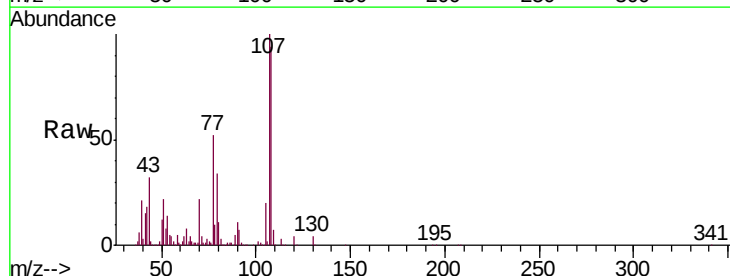
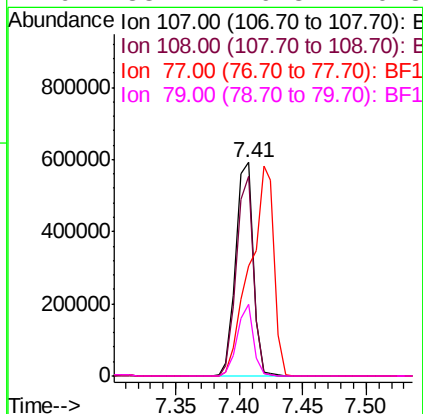
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

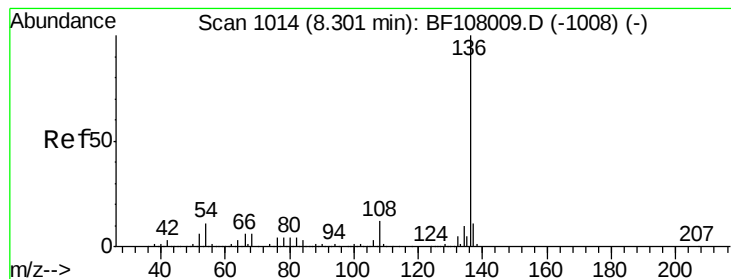
Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.5	47.5	71.3#
101	9.1	7.4	11.2
130	19.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.261 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	51.8	26.7	66.7
79	33.7	6.3	46.3

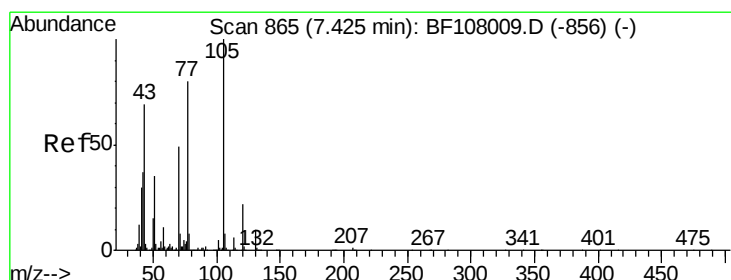
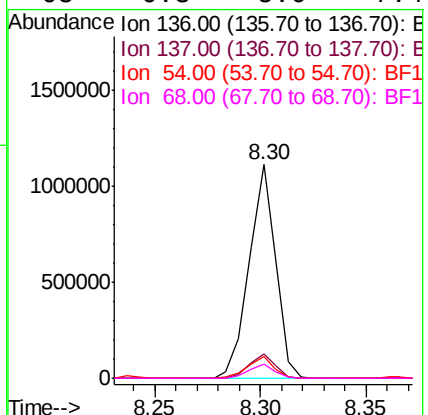
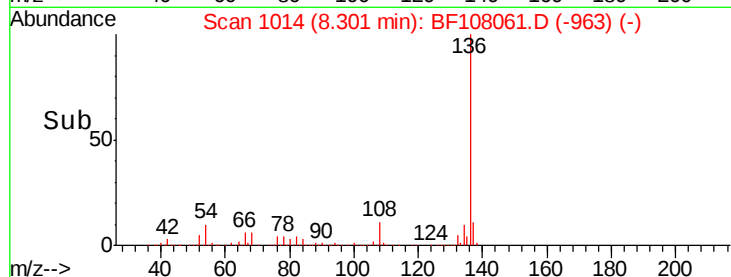
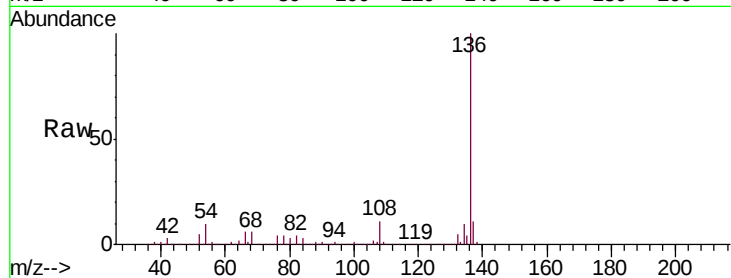




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

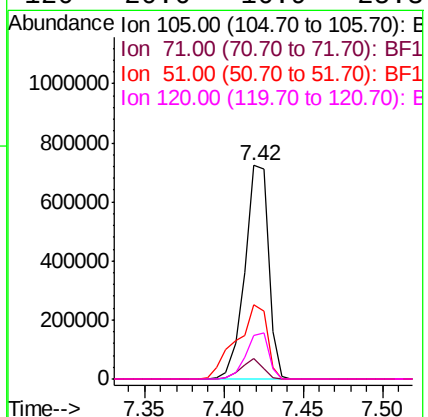
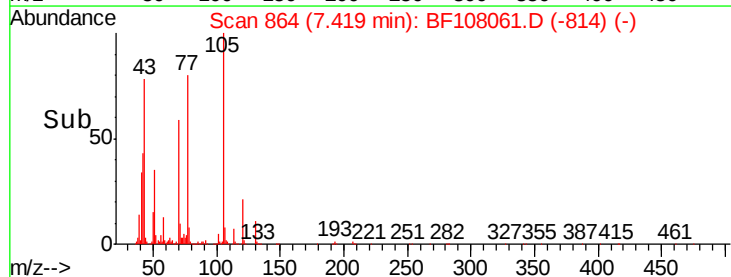
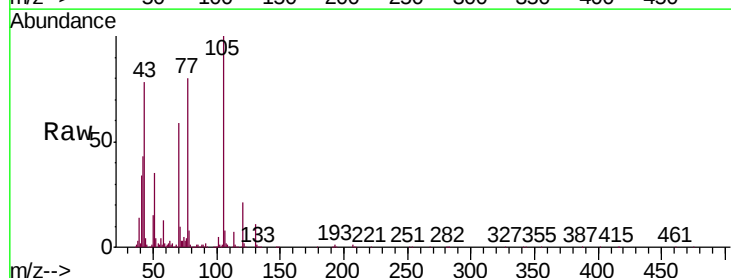
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

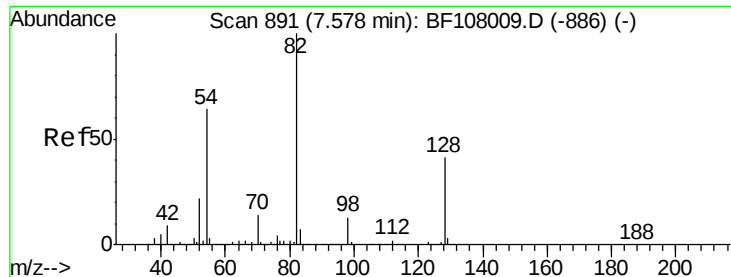
Tgt Ion:	136	Resp:	970084
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.4	6.6	9.8#
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 32.850 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion:	105	Resp:	745129
Ion	Ratio	Lower	Upper
105	100		
71	9.9	4.4	6.6#
51	34.9	22.3	33.5#
120	20.6	16.9	25.3

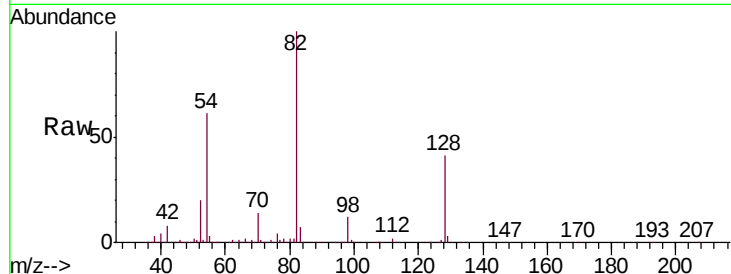




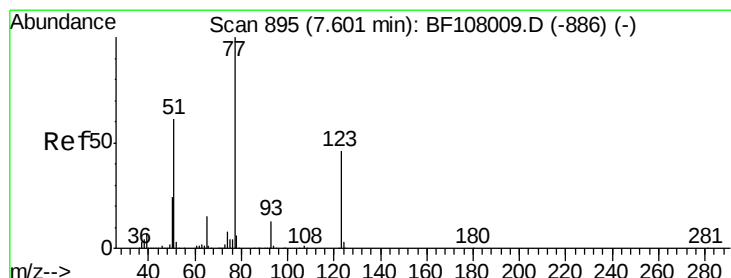
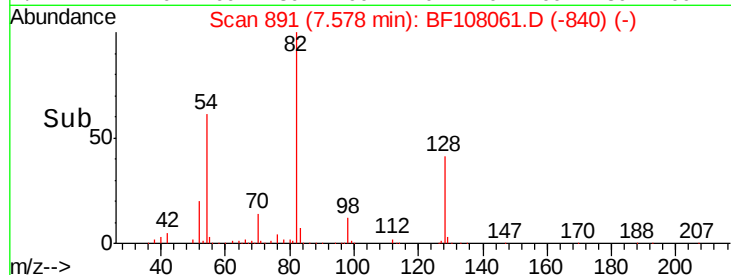
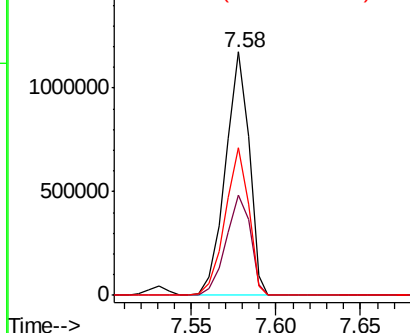
#23
 Nitrobenzene-d5
 Concen: 65.699 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

Tgt Ion: 82 Resp: 1142146
 Ion Ratio Lower Upper
 82 100
 128 41.2 36.1 54.1
 54 60.6 41.4 62.2

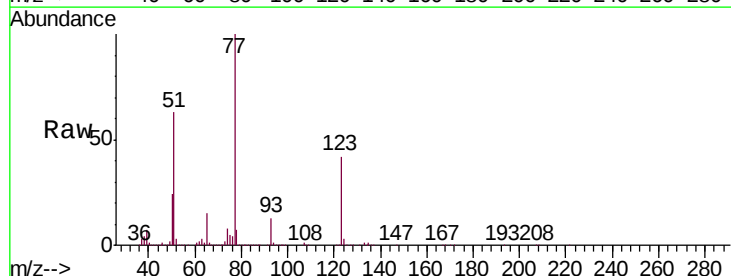


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

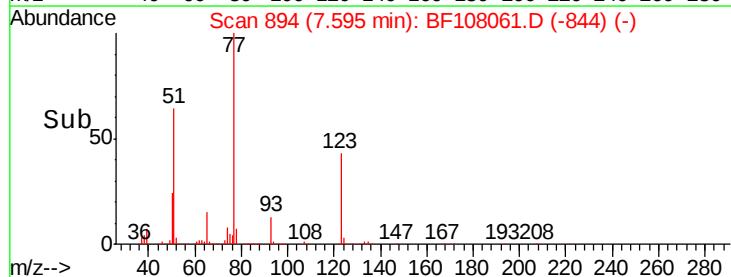
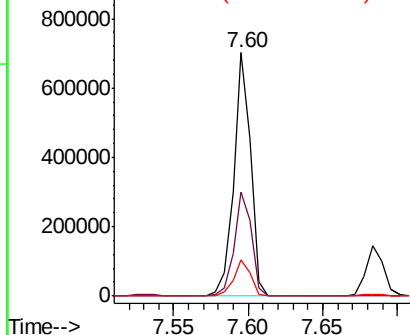


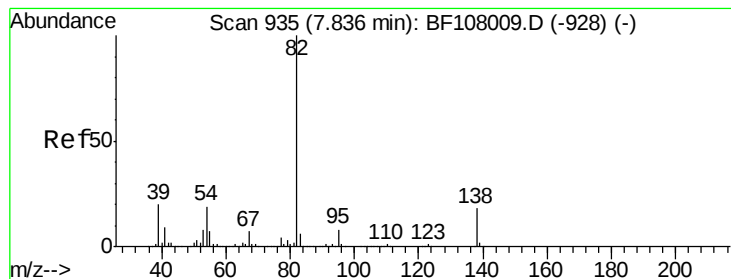
#24
 Nitrobenzene
 Concen: 31.995 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion: 77 Resp: 562451
 Ion Ratio Lower Upper
 77 100
 123 42.5 37.9 56.9
 65 14.8 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: 30.486 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

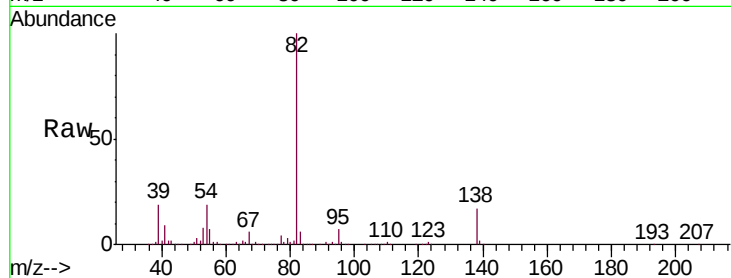
Tgt Ion: 82 Resp: 1010190

Ion Ratio Lower Upper

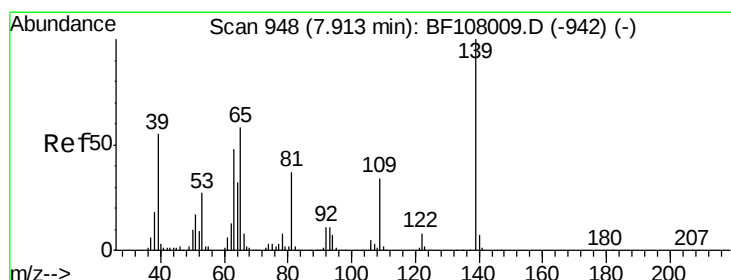
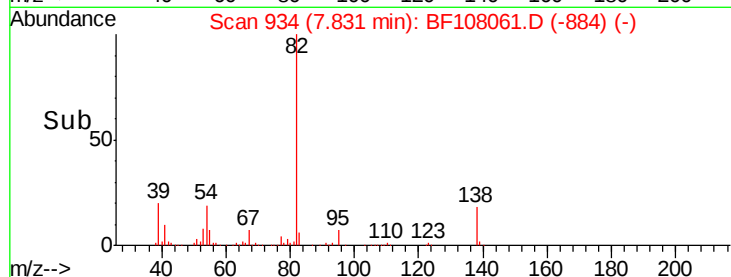
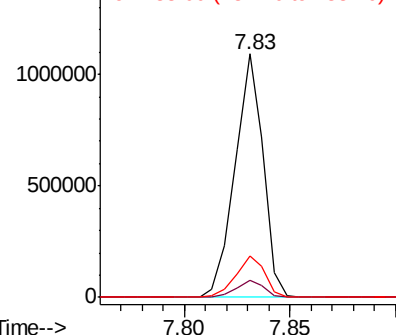
82 100

95 7.2 5.2 7.8

138 17.2 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: 31.277 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

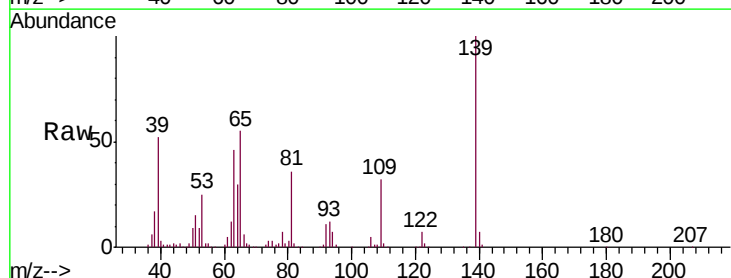
Tgt Ion: 139 Resp: 207645

Ion Ratio Lower Upper

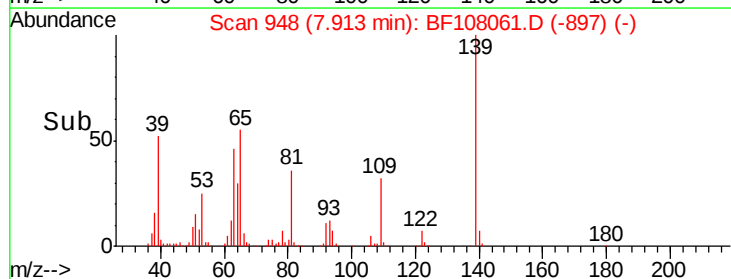
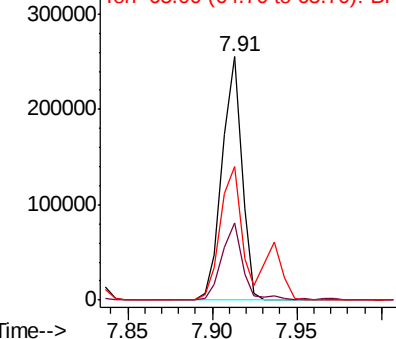
139 100

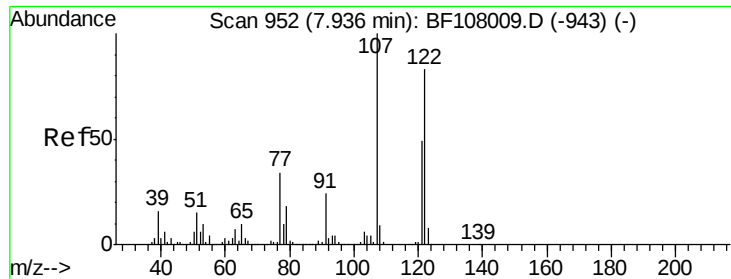
109 31.6 22.7 34.1

65 54.9 40.5 60.7



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

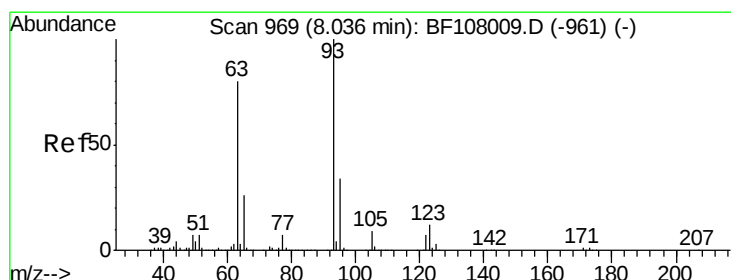
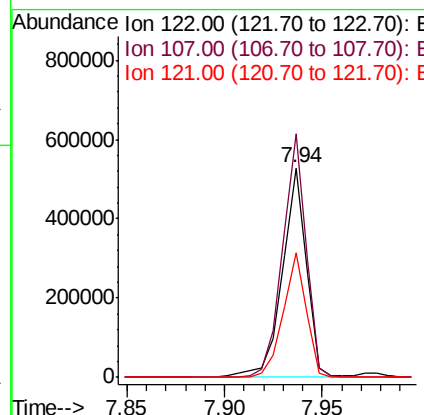
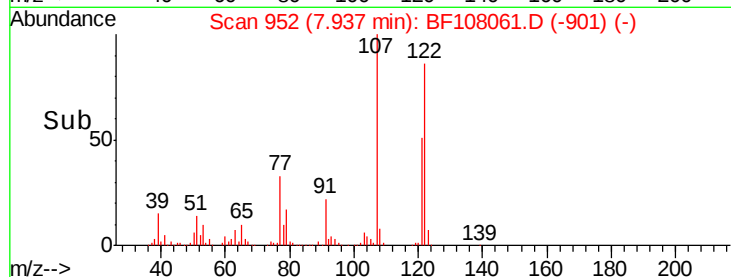
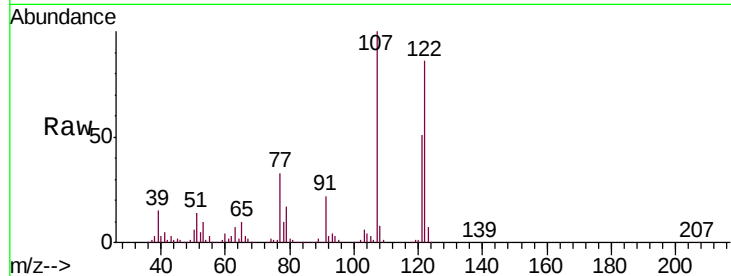




#27
 2,4-Dimethylphenol
 Concen: 30.706 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

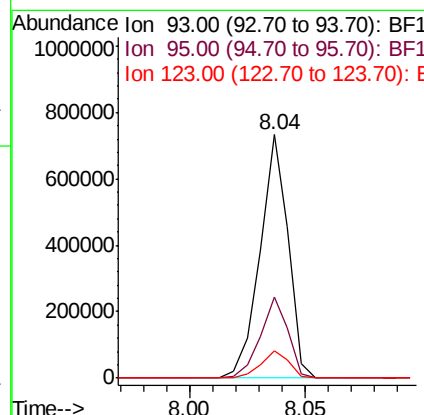
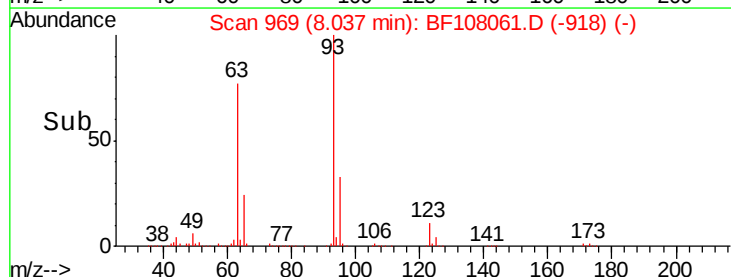
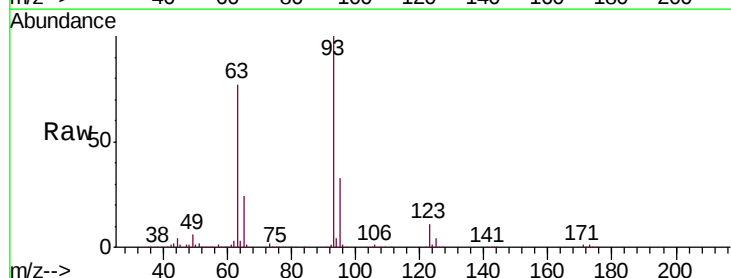
Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

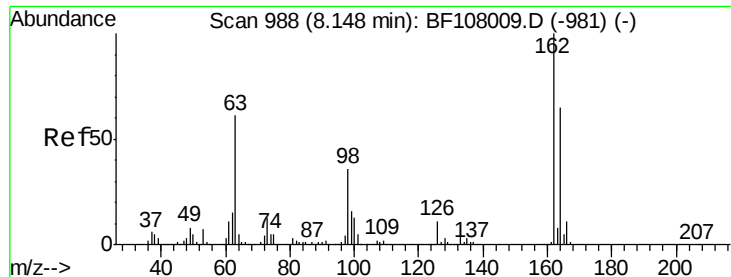
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.2	91.2	136.8
121	59.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.130 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.2	9.8	14.6

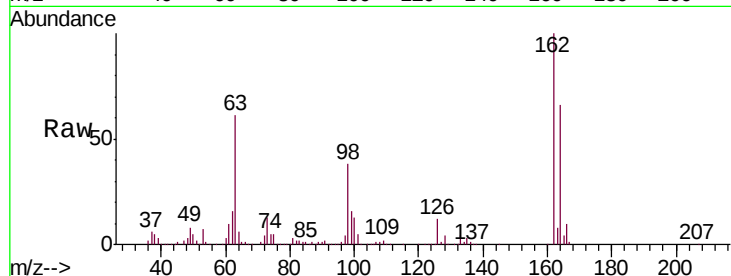




#29
 2,4-Dichlorophenol
 Concen: 31.408 ng
 RT: 8.15 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.7	82.7
98	37.5	18.1	58.1

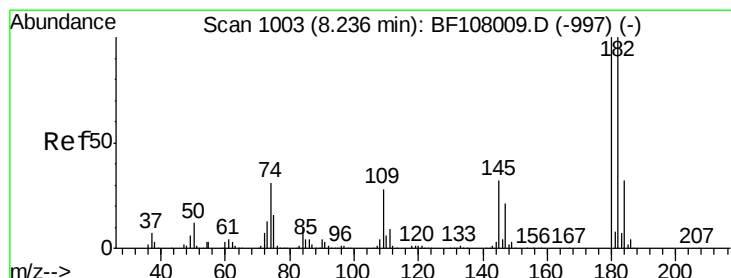
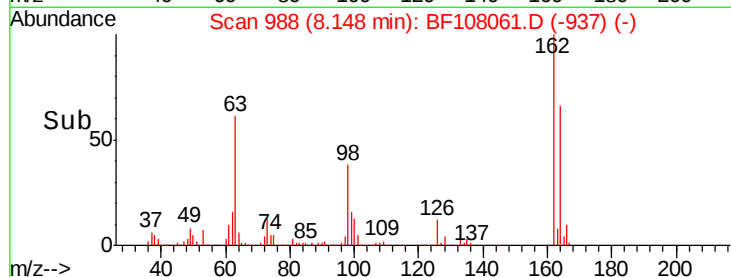
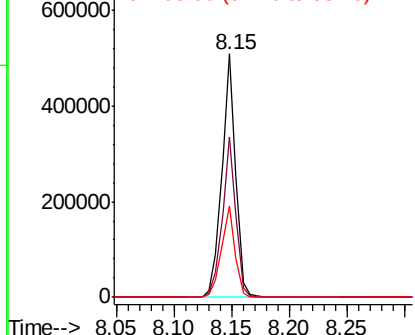


Abundance

Ion 162.00 (161.70 to 162.70): E

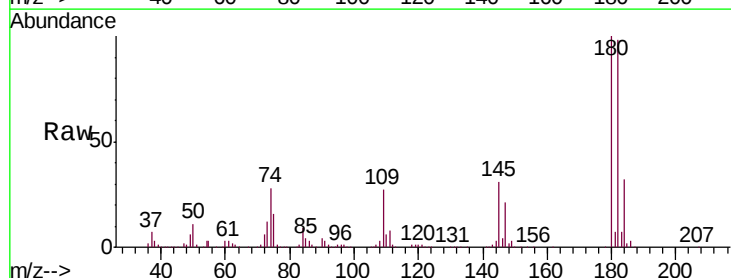
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.193 ng
 RT: 8.24 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.8	115.2
145	31.3	26.5	39.7

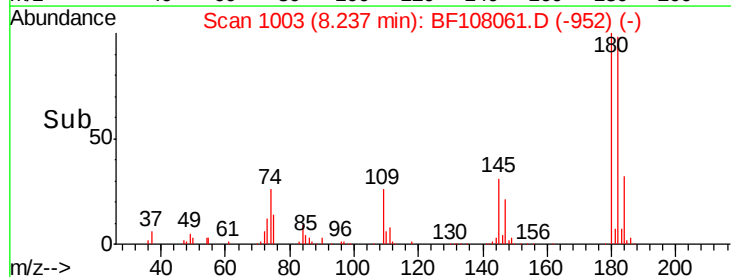
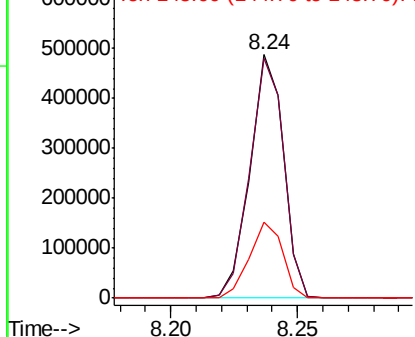


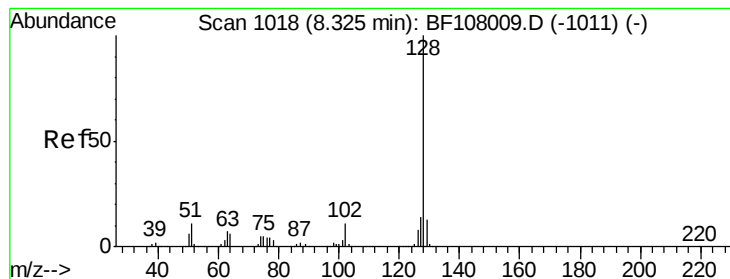
Abundance

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: 31.228 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

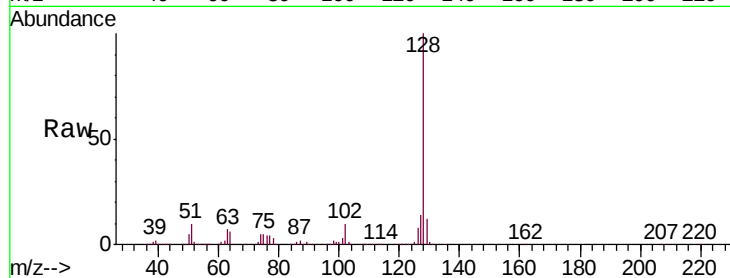
Tgt Ion:128 Resp: 1377681

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

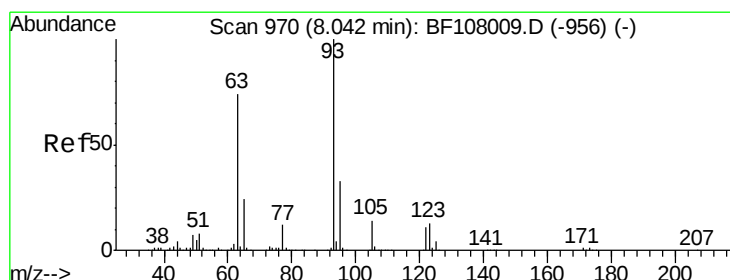
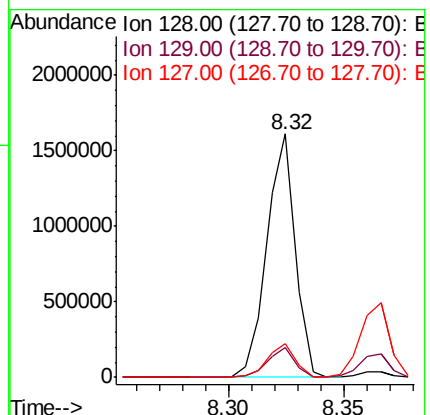
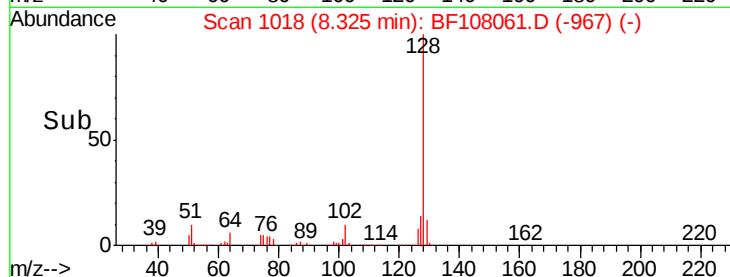
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.303 ng

RT: 7.94 min Scan# 952

Delta R.T. -0.11 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

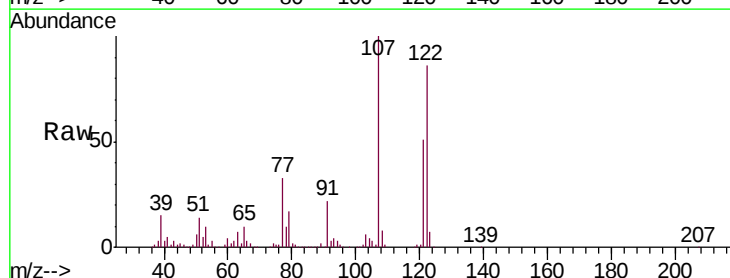
Tgt Ion:122 Resp: 451580

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

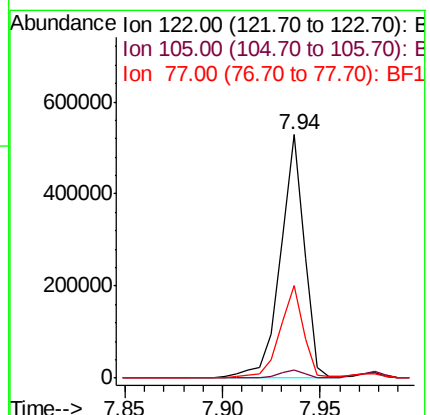
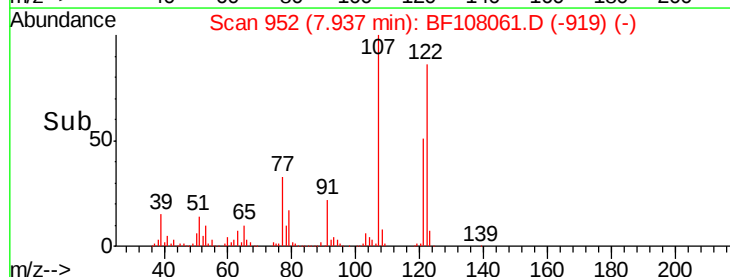
77 38.2 70.7 110.7#

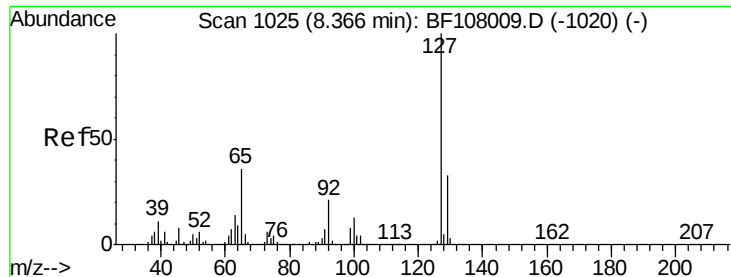


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

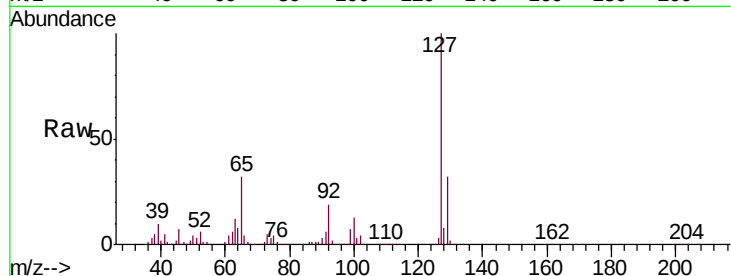




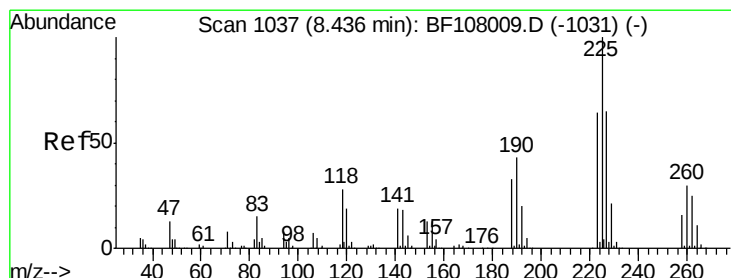
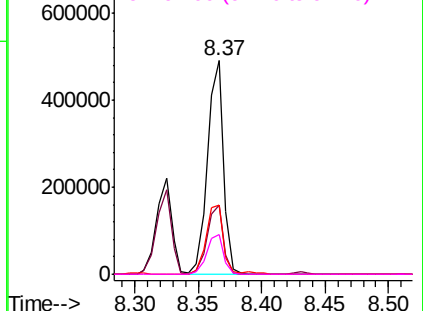
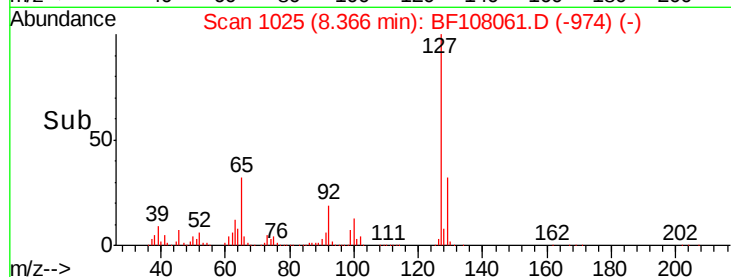
#33
4-Chloroaniline
Concen: 22.596 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

Tgt Ion:	127	Resp:	434429
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	32.5	25.0	37.4
92	18.8	15.2	22.8

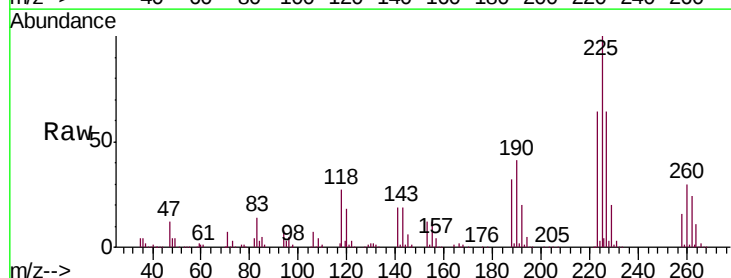


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

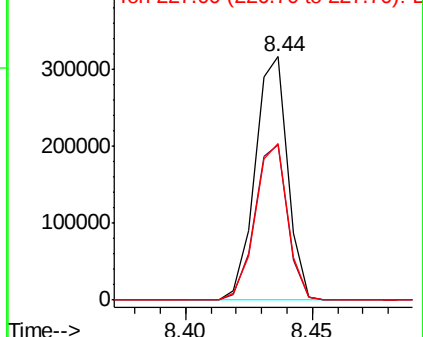
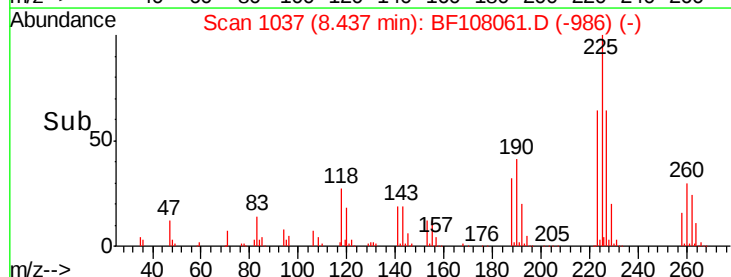


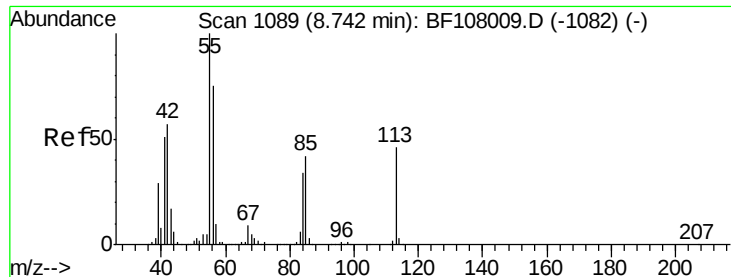
#34
Hexachlorobutadiene
Concen: 30.044 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion:	225	Resp:	283805
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

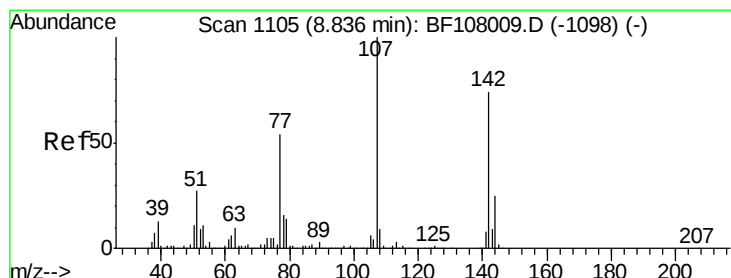
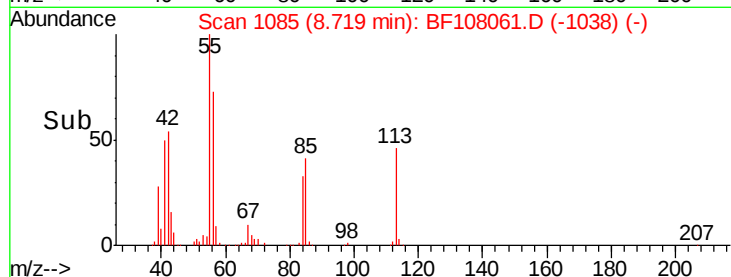
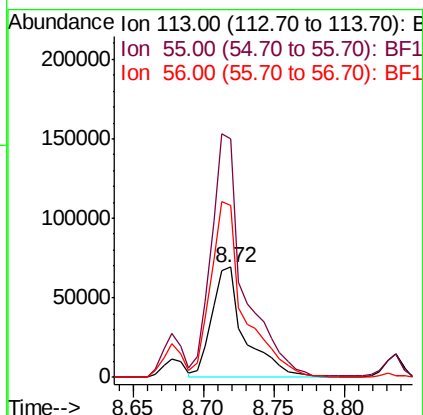
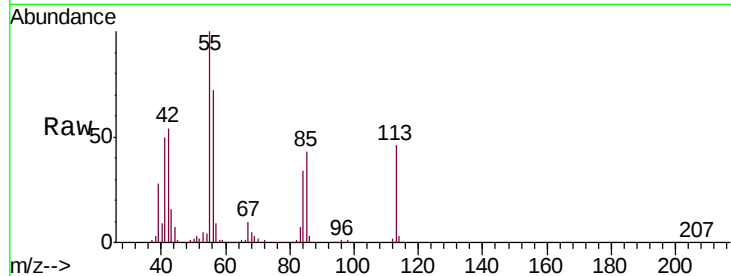




#35
 Caprolactam
 Concen: 26.532 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

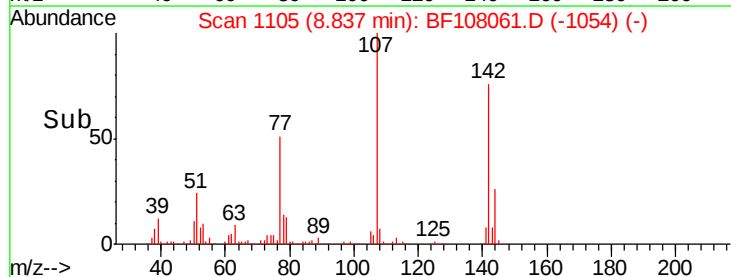
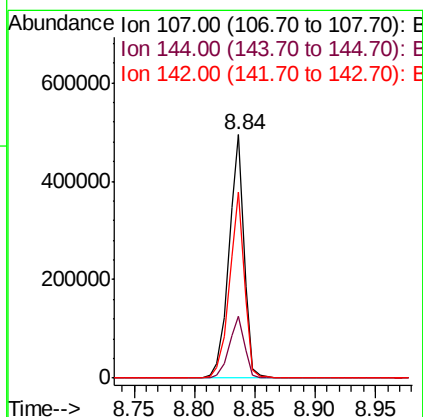
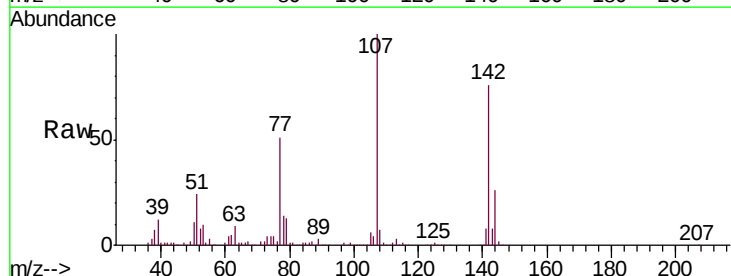
Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

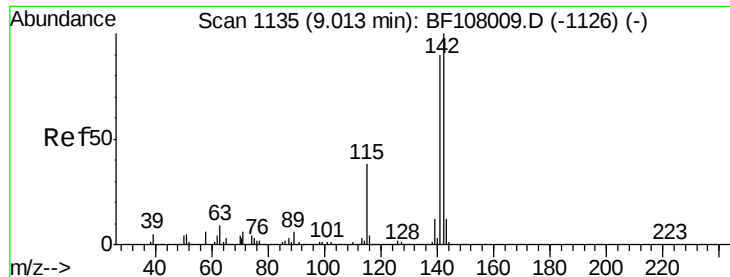
Tgt Ion:113 Resp: 112529
 Ion Ratio Lower Upper
 113 100
 55 216.5 163.3 203.3#
 56 156.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 29.458 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion:107 Resp: 430090
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 76.3 62.0 93.0

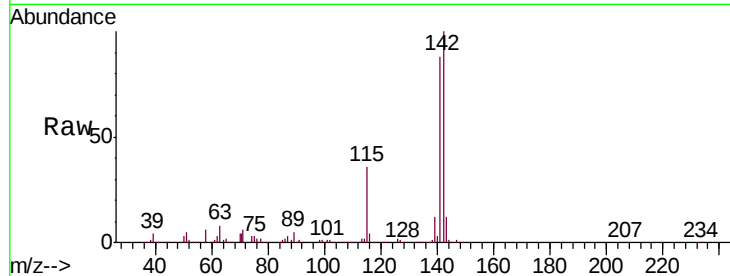




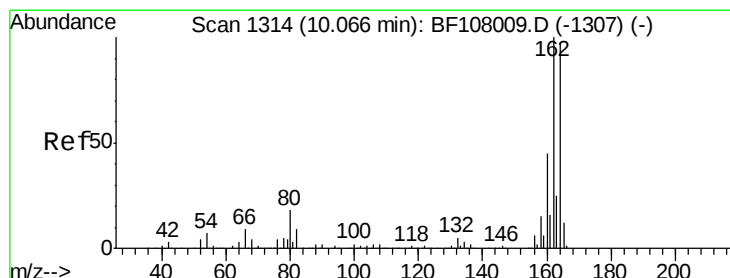
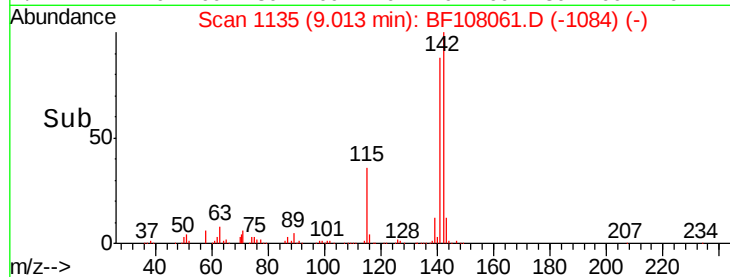
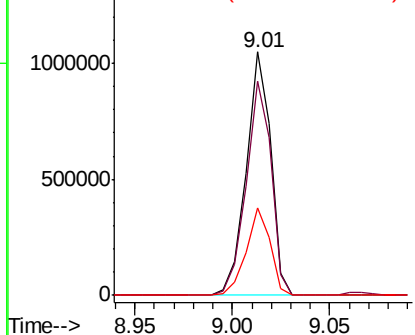
#37
2-Methylnaphthalene
Concen: 29.317 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	36.2	26.1	39.1

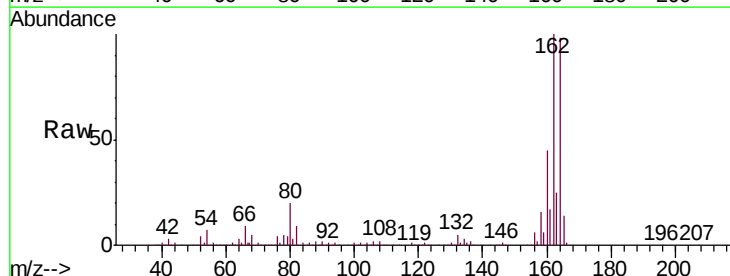


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

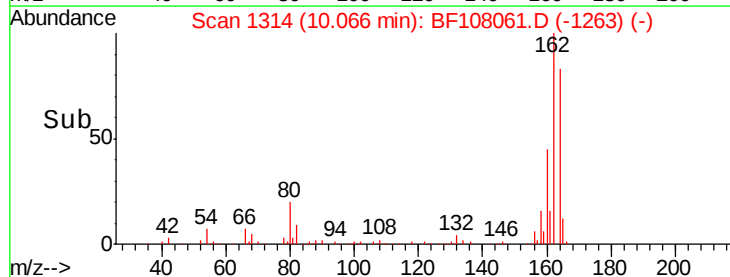
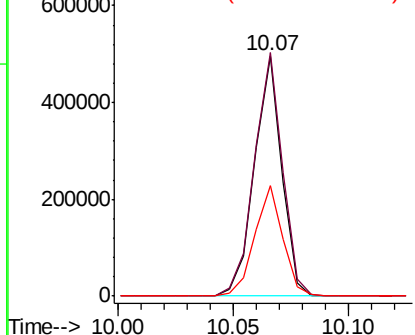


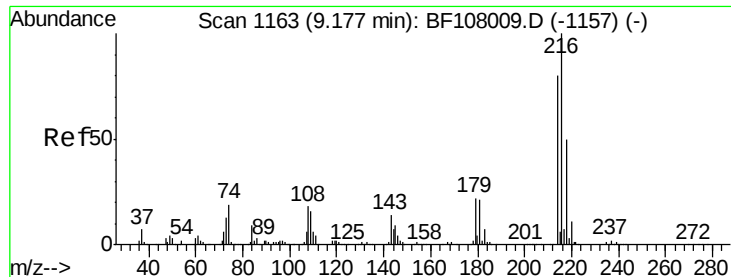
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.9	38.3	57.5



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

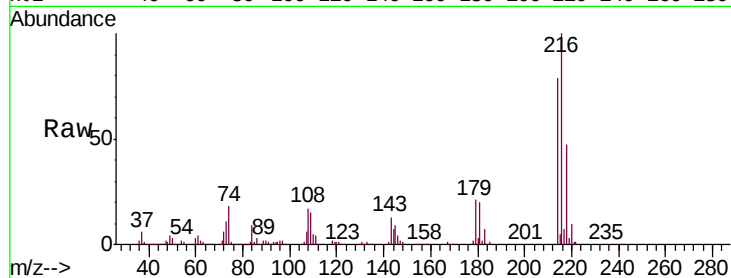




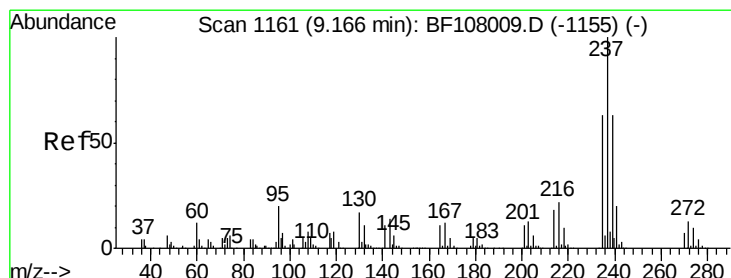
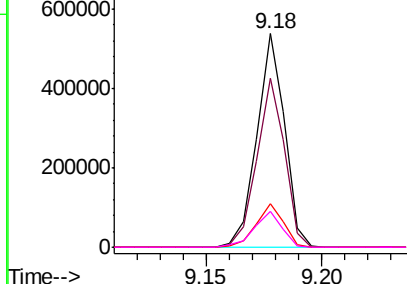
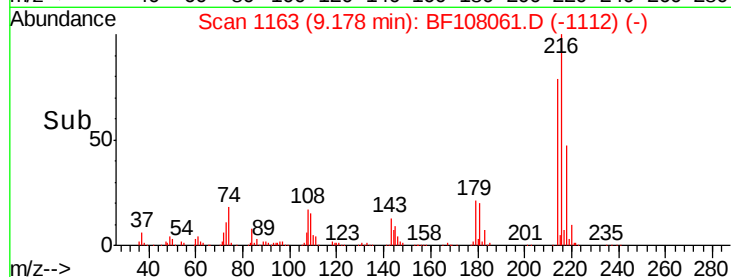
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.675 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

Tgt Ion:	216	Resp:	450158
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.1	18.1	27.1
108	17.1	17.2	25.8#

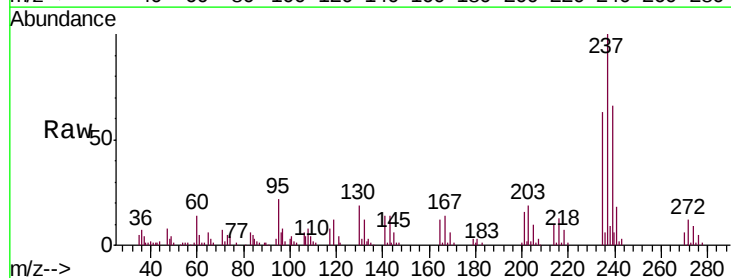


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

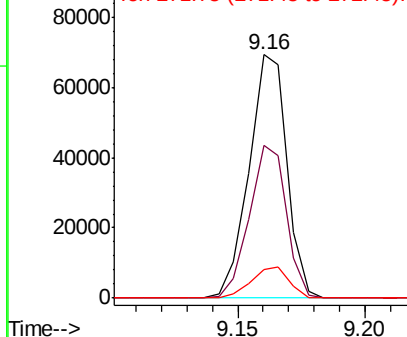
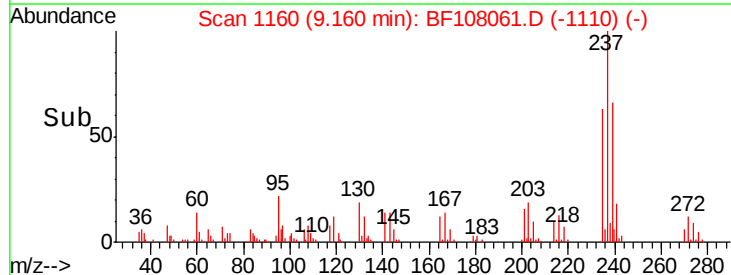


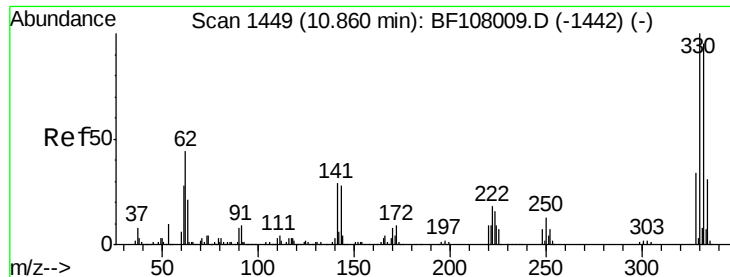
#40
 Hexachlorocyclopentadiene
 Concen: 8.835 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion:	237	Resp:	72005
Ion Ratio		Lower	Upper
237	100		
235	62.5	44.8	84.8
272	11.9	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

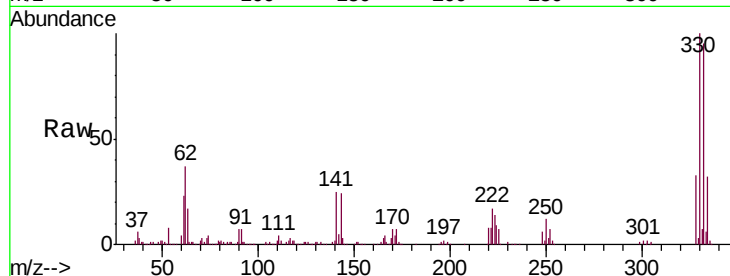




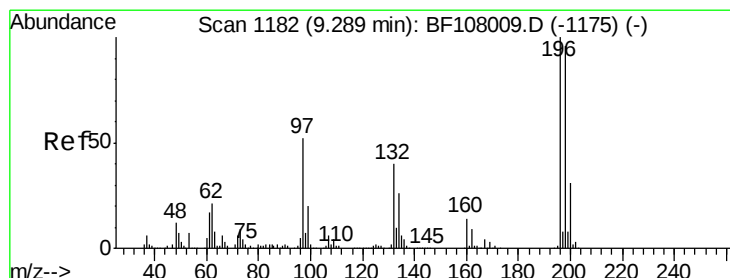
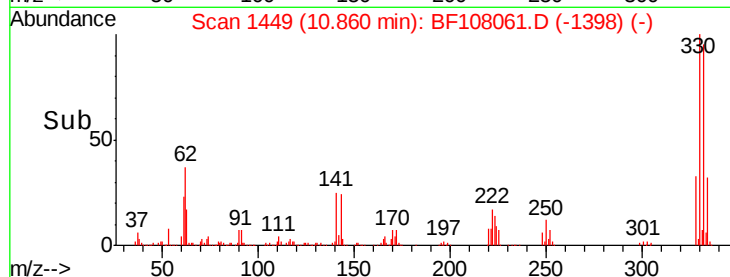
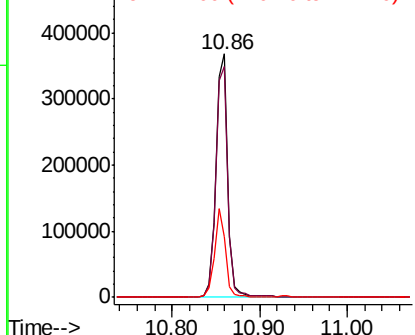
#41
 2,4,6-Tribromophenol
 Concen: 84.882 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

Tgt Ion:330 Resp: 347898
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.5 29.9 44.9

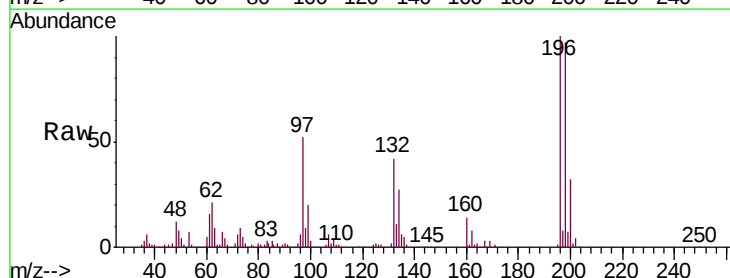


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

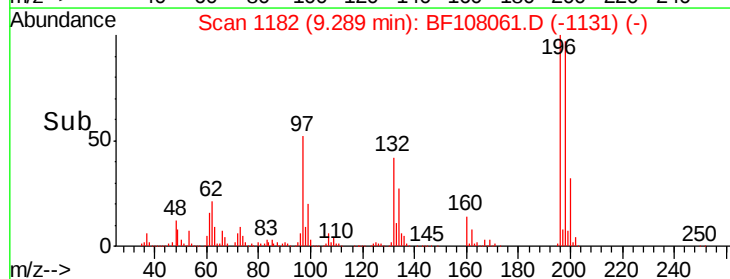
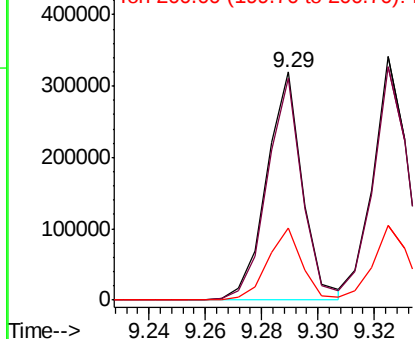


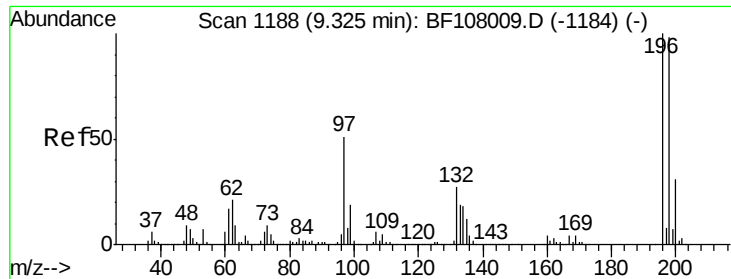
#42
 2,4,6-Trichlorophenol
 Concen: 35.893 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion:196 Resp: 281053
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.8 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

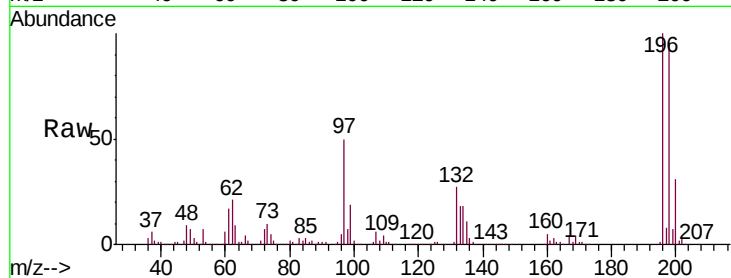




#43
 2,4,5-Trichlorophenol
 Concen: 33.427 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	49.6	42.9	64.3
132	27.2	26.3	39.5



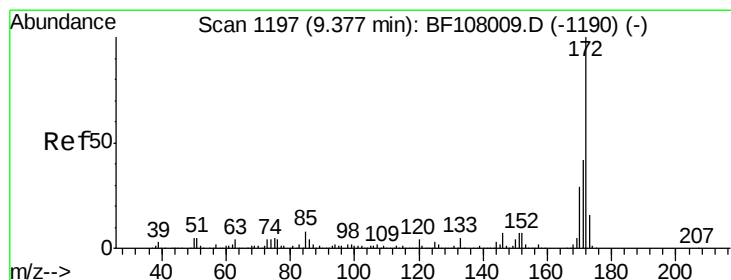
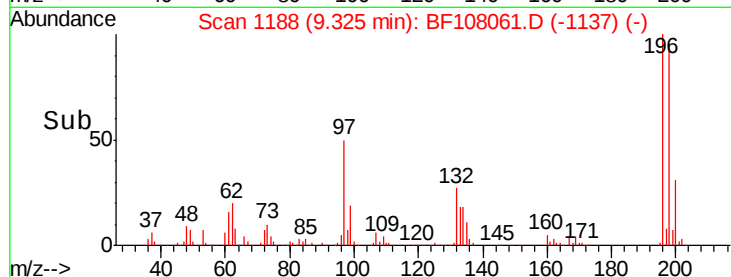
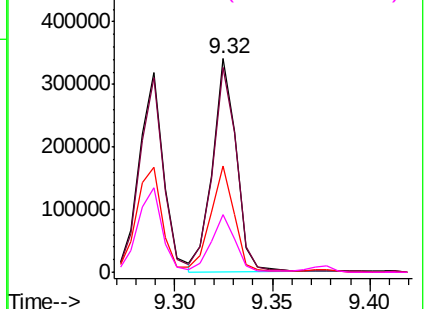
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

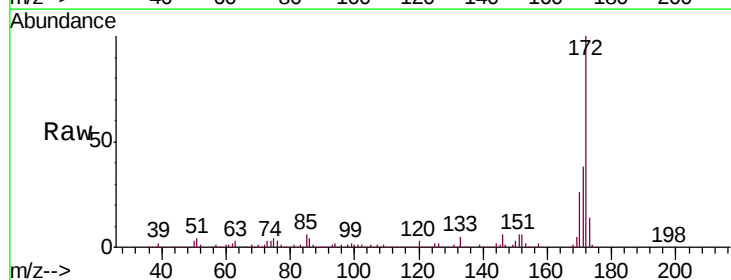
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.288 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.7	19.6	29.4

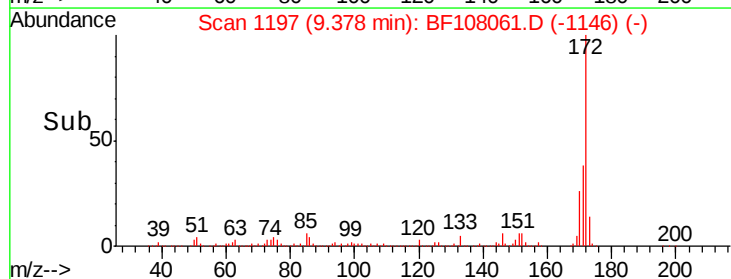
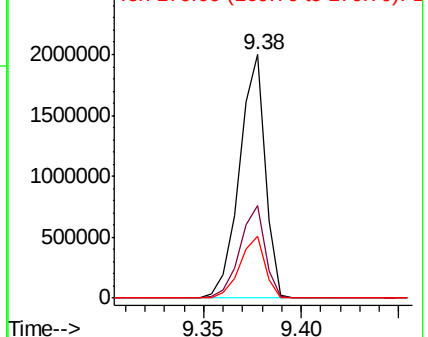


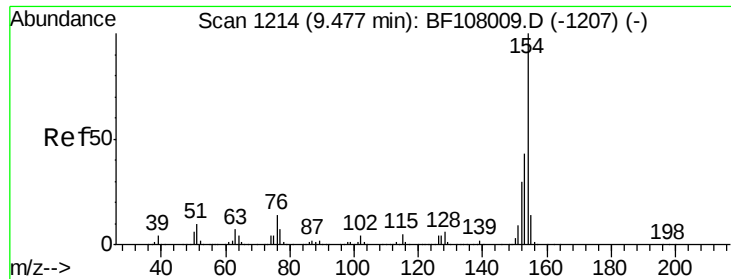
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.304 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

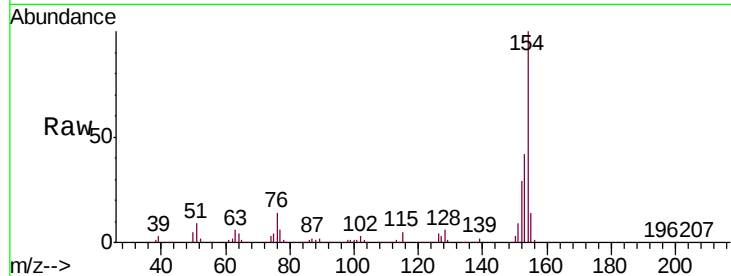
Tgt Ion:154 Resp: 1069538

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

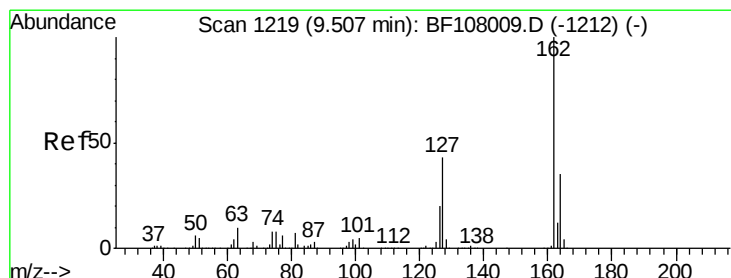
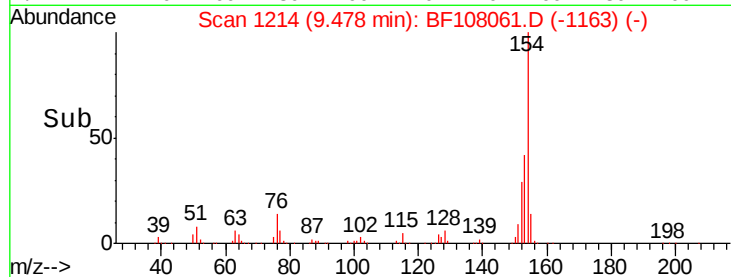
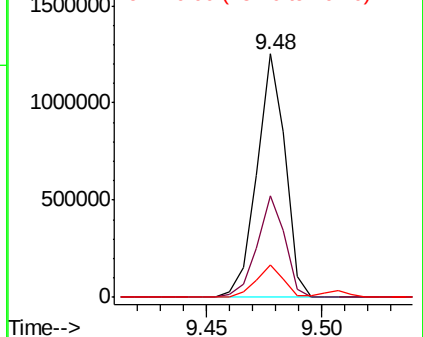
76 13.5 0.0 34.0



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: 33.453 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

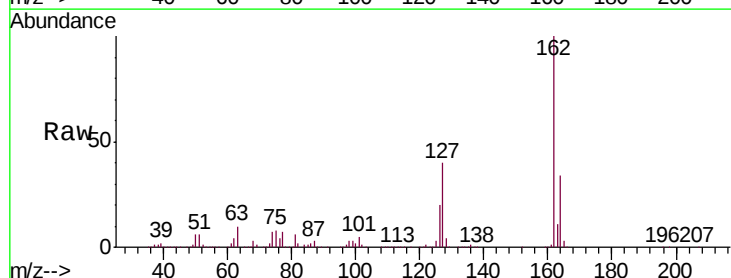
Tgt Ion:162 Resp: 801016

Ion Ratio Lower Upper

162 100

127 40.3 33.9 50.9

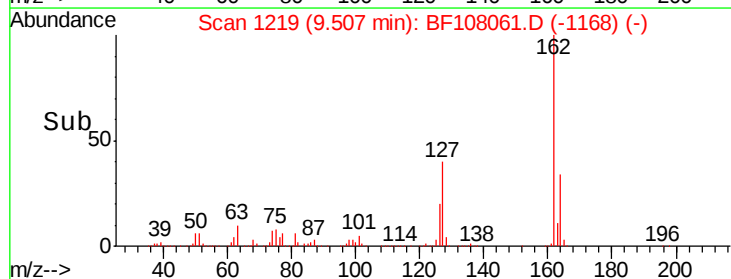
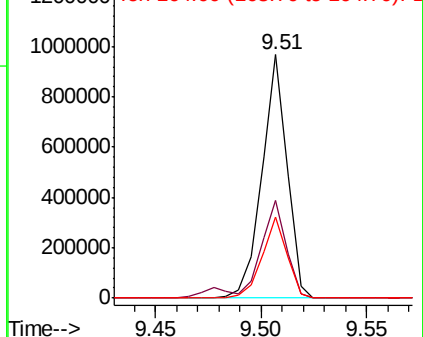
164 33.5 26.5 39.7

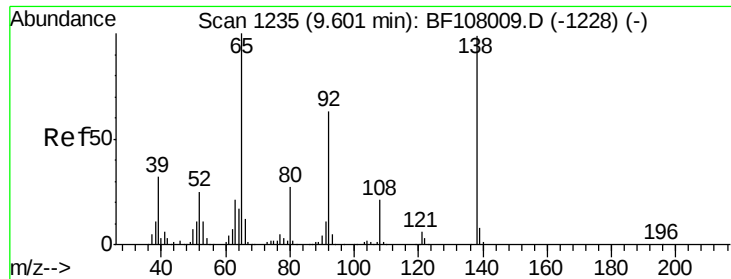


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

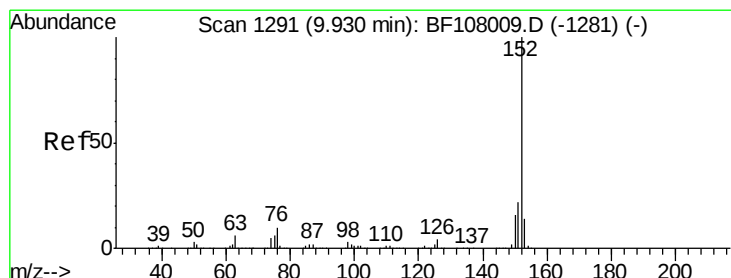
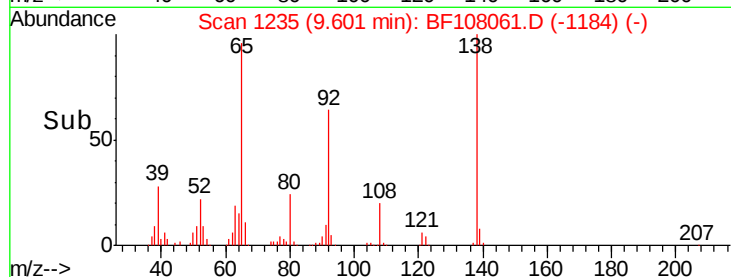
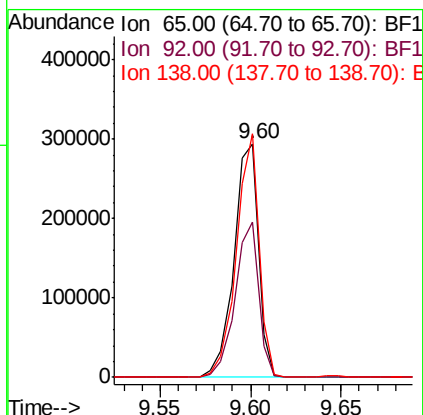
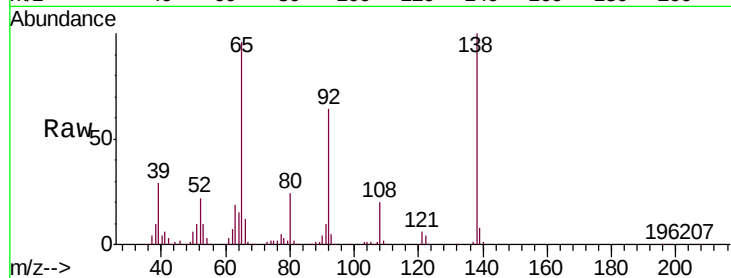




#47
2-Nitroaniline
Concen: 35.827 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

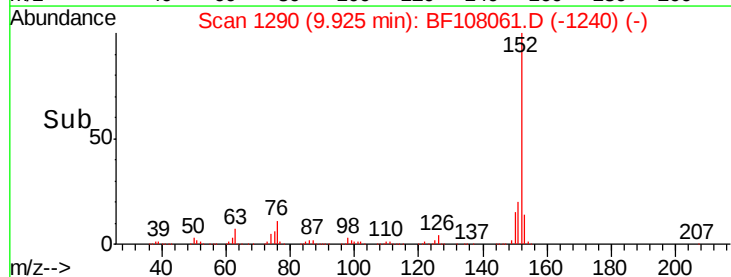
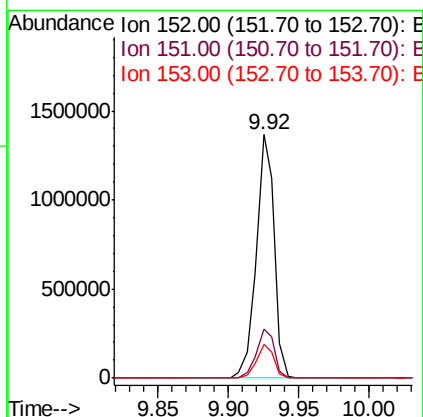
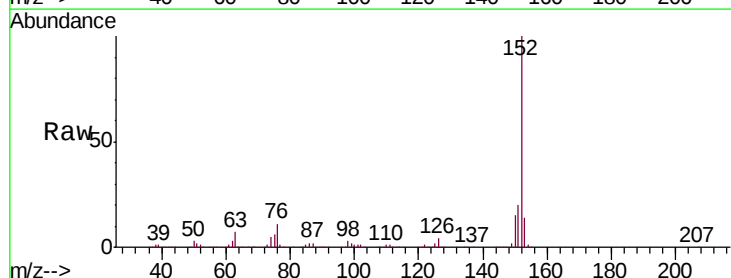
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

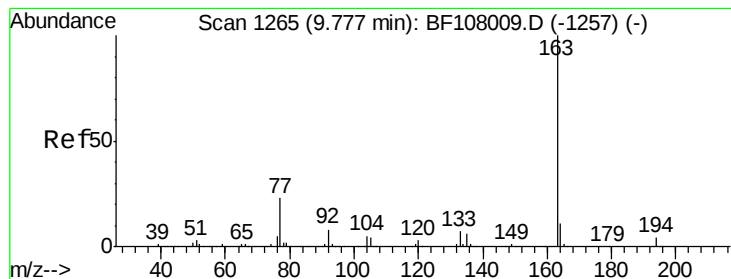
Tgt Ion: 65 Resp: 277569
Ion Ratio Lower Upper
65 100
92 66.2 55.8 83.6
138 104.2 91.2 136.8



#48
Acenaphthylene
Concen: 32.283 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion: 152 Resp: 1222037
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 46.192 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

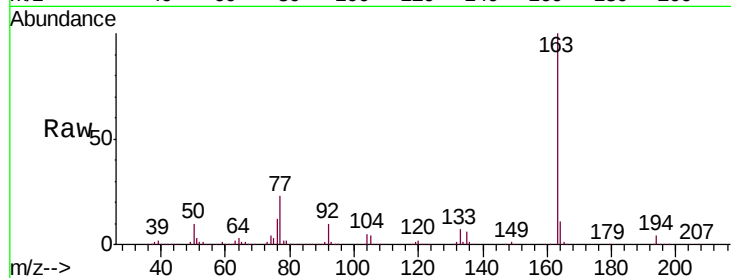
Tgt Ion:163 Resp: 1322126

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

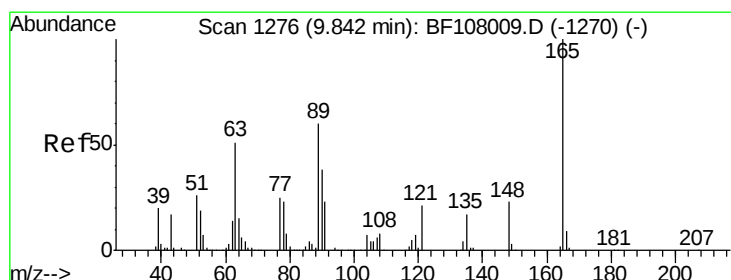
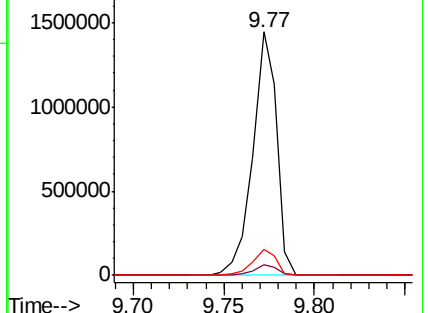
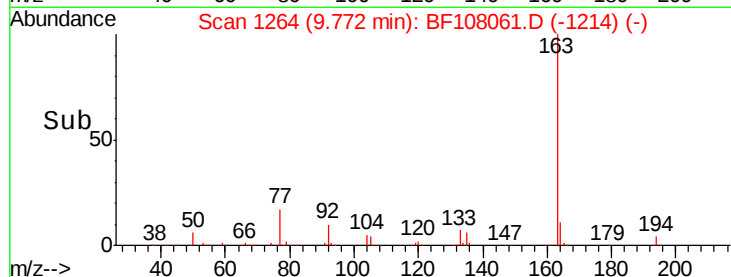
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.863 ng

RT: 9.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

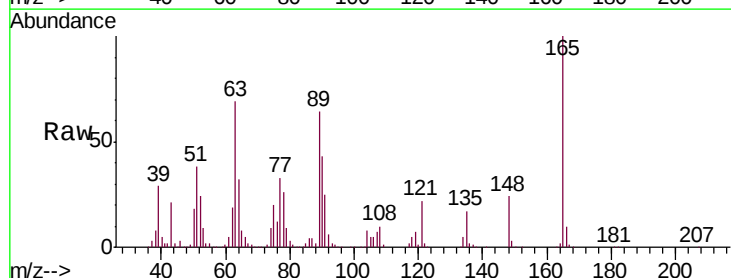
Tgt Ion:165 Resp: 196797

Ion Ratio Lower Upper

165 100

63 68.5 44.7 67.1#

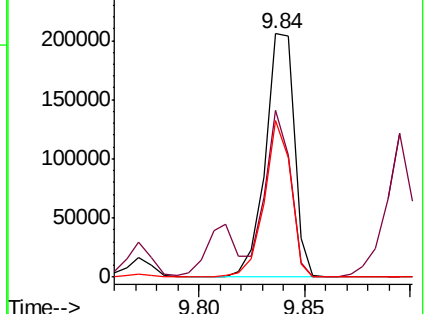
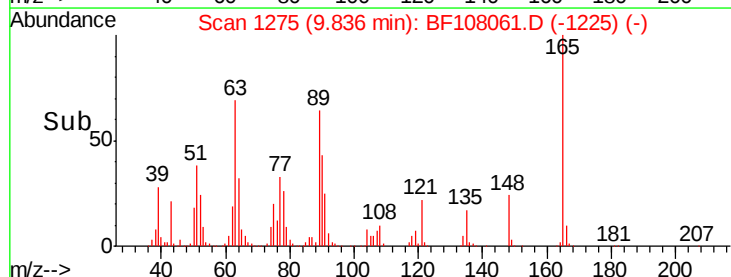
89 64.2 44.0 66.0

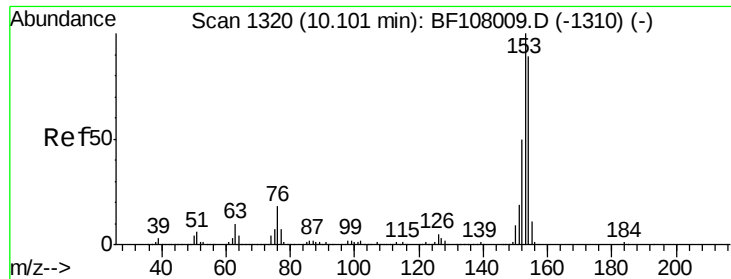


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 30.326 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

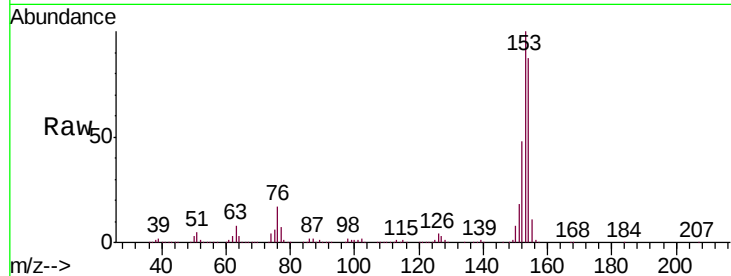
Tgt Ion:154 Resp: 703124

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

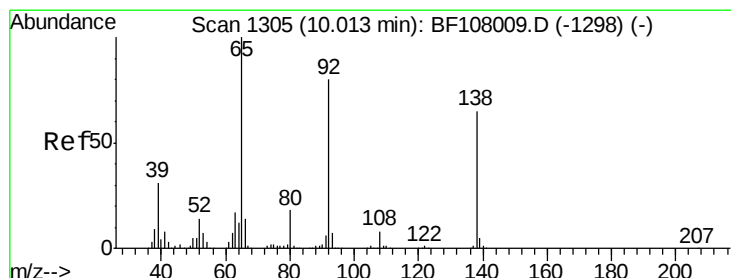
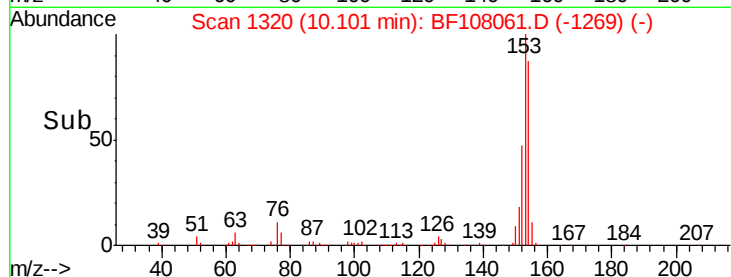
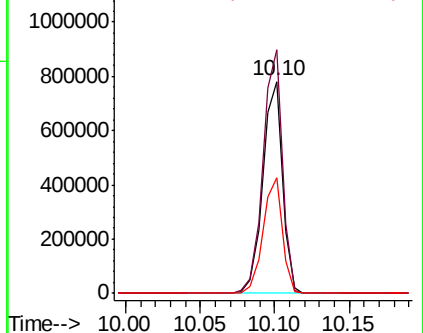
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.097 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

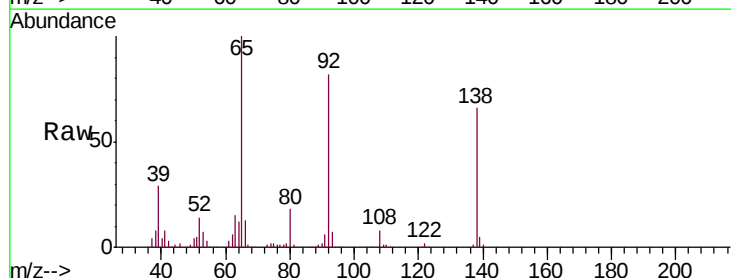
Tgt Ion:138 Resp: 197194

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

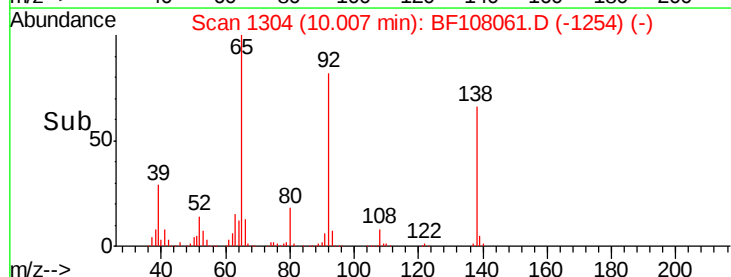
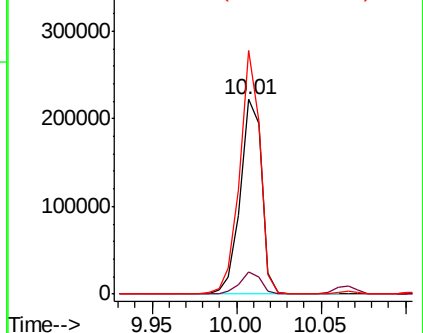
92 125.0 89.4 134.2

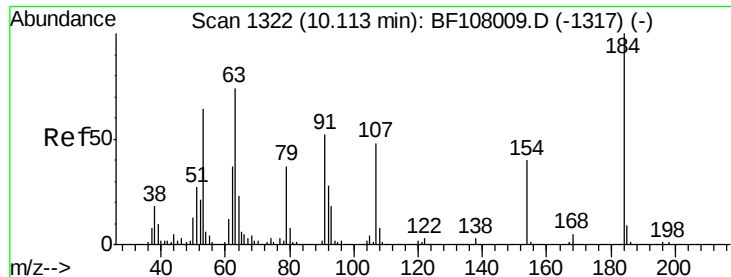


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

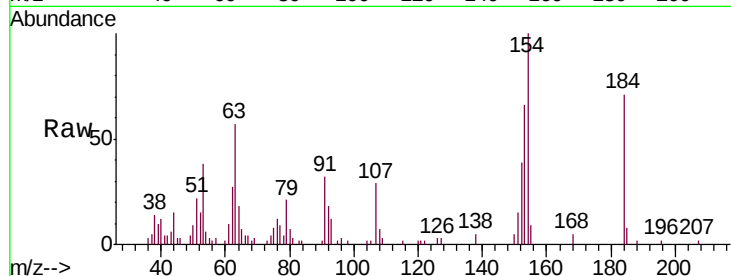




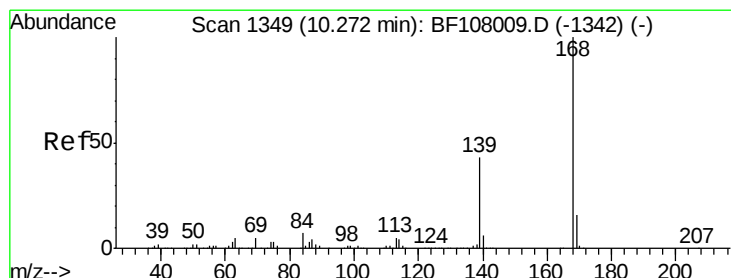
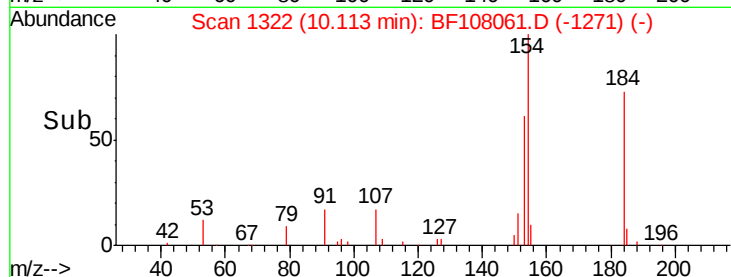
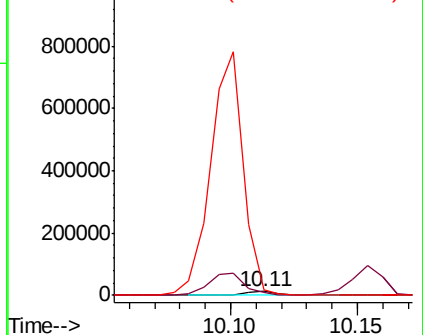
#53
2,4-Dinitrophenol
Concen: 11.937 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

Tgt Ion:184 Resp: 12079
Ion Ratio Lower Upper
184 100
63 80.7 54.2 81.2
154 141.4 184.0 276.0#

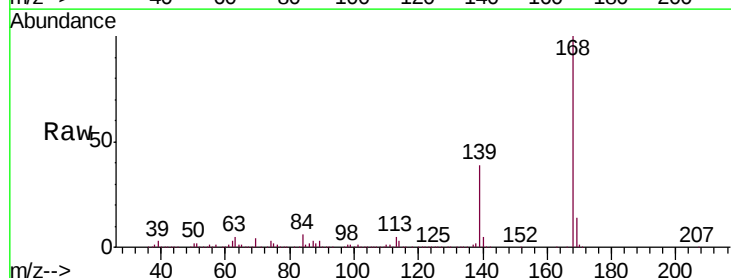


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

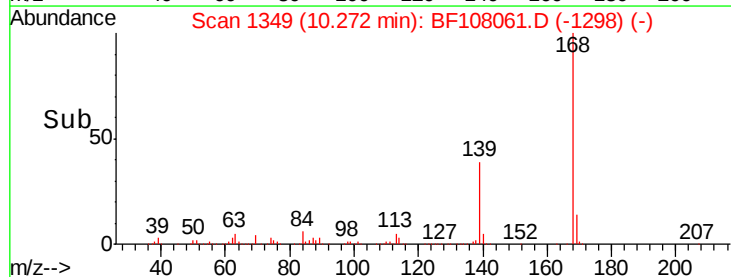
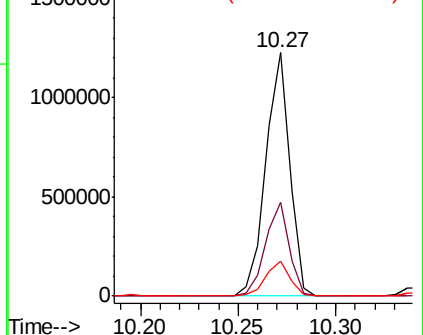


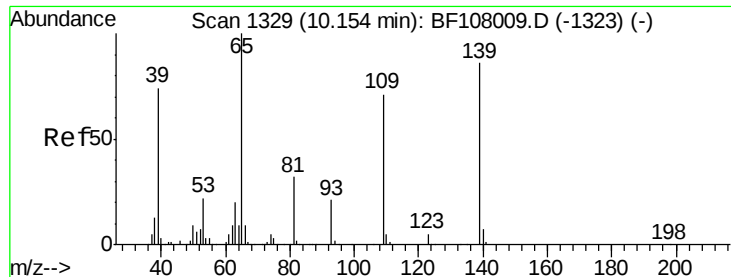
#54
Dibenzofuran
Concen: 31.047 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion:168 Resp: 1042880
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.4 10.9 16.3



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

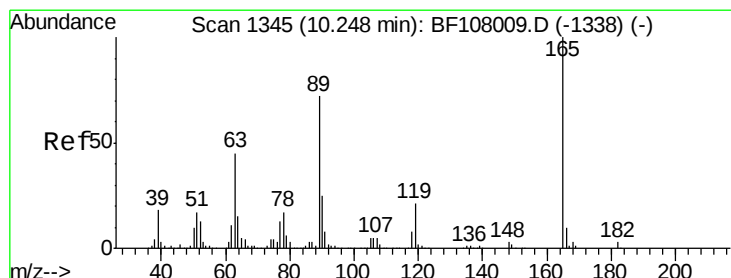
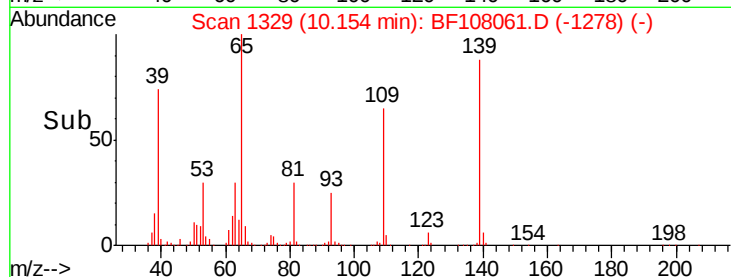
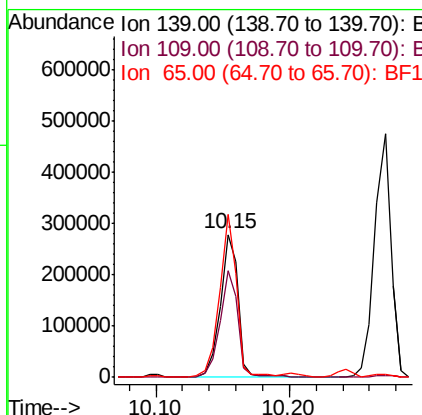
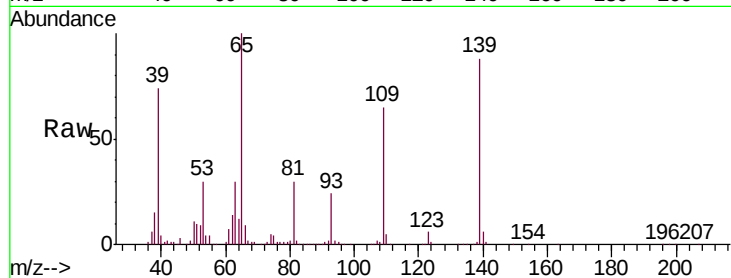




#55
4-Nitrophenol
Concen: 53.596 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

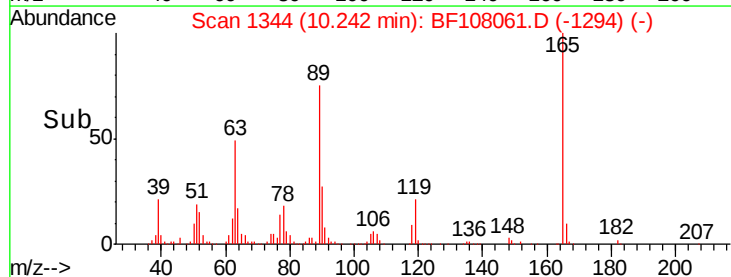
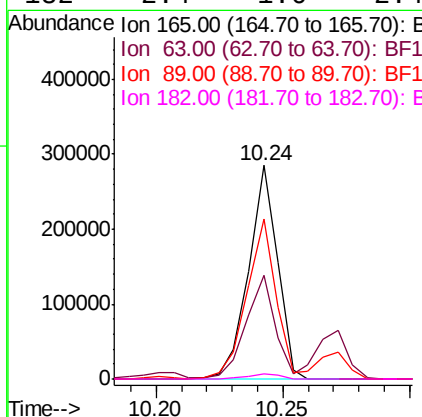
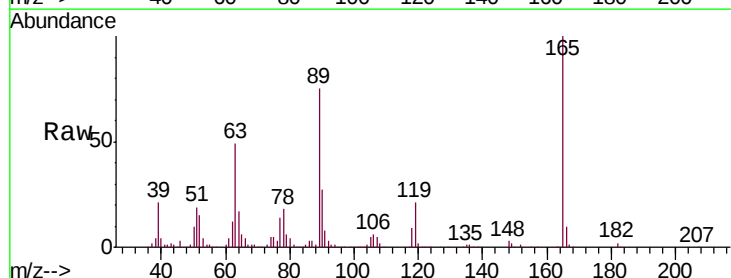
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

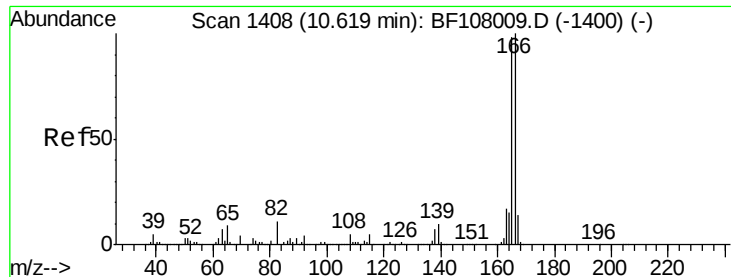
Tgt Ion:139 Resp: 265918
Ion Ratio Lower Upper
139 100
109 74.5 48.4 88.4
65 114.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 29.532 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion:165 Resp: 227638
Ion Ratio Lower Upper
165 100
63 48.8 36.4 54.6
89 75.0 57.8 86.6
182 2.4 1.6 2.4

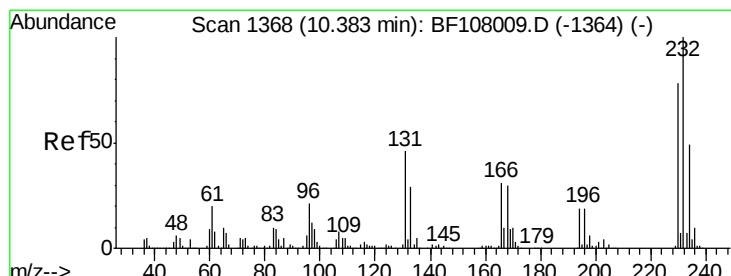
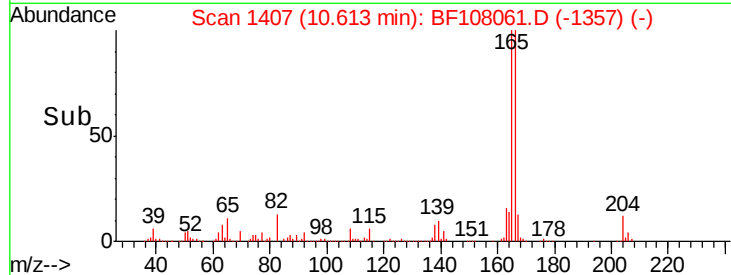
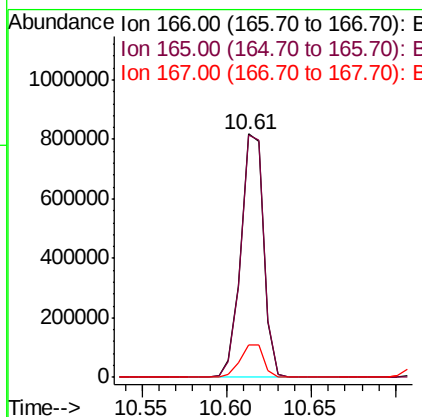
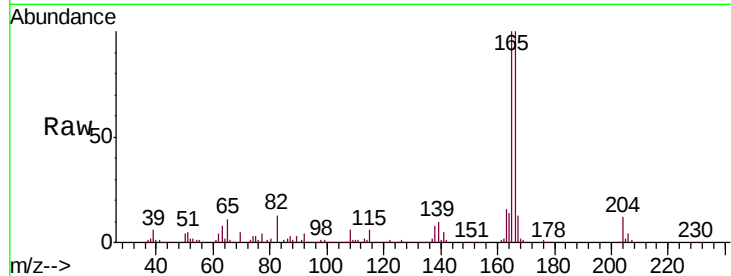




#57
 Fluorene
 Concen: 29.004 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

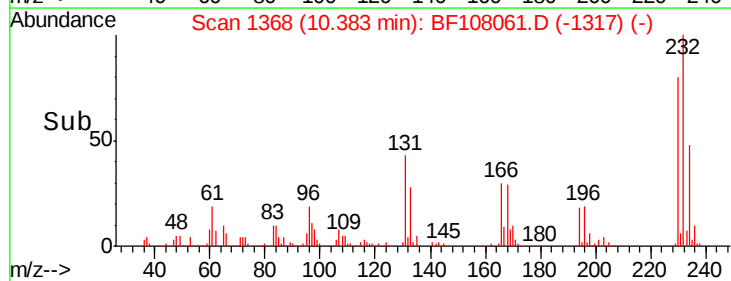
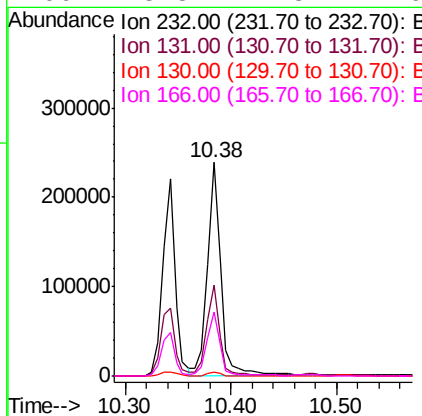
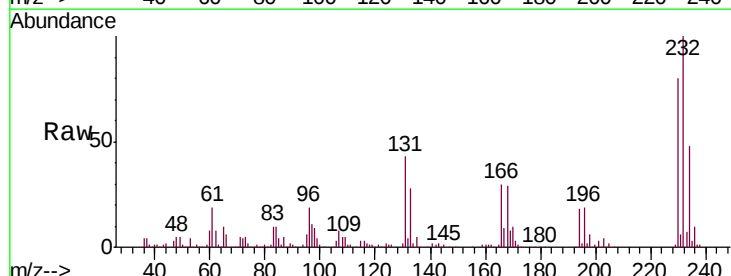
Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

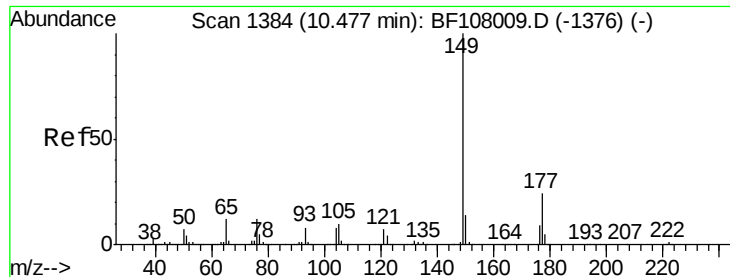
Tgt Ion:166 Resp: 771247
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.625 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion:232 Resp: 213434
 Ion Ratio Lower Upper
 232 100
 131 41.1 43.8 65.8#
 130 1.9 2.1 3.1#
 166 28.8 27.8 41.6

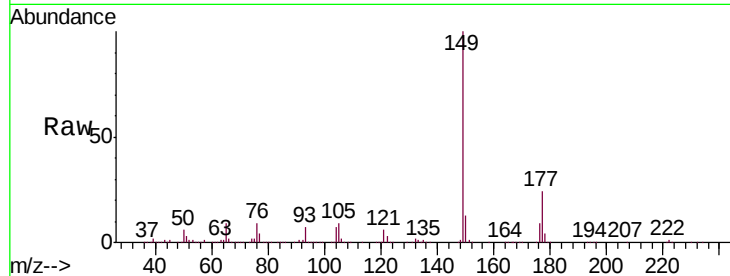




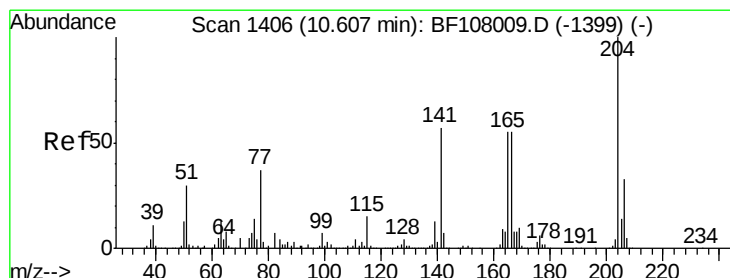
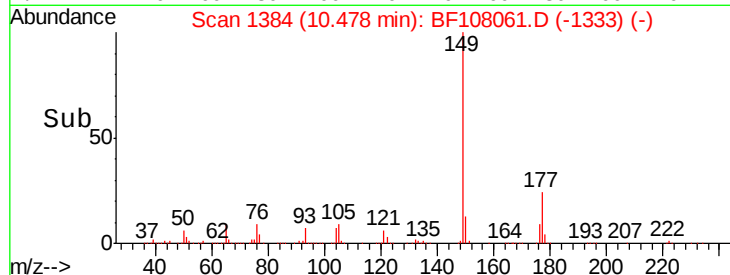
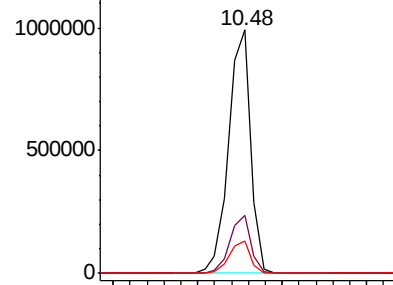
#59
Diethylphthalate
Concen: 32.511 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

Tgt Ion:149 Resp: 901090
Ion Ratio Lower Upper
149 100
177 23.6 16.1 24.1
150 13.1 10.1 15.1

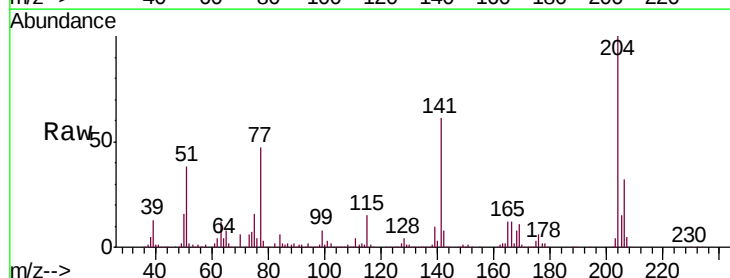


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

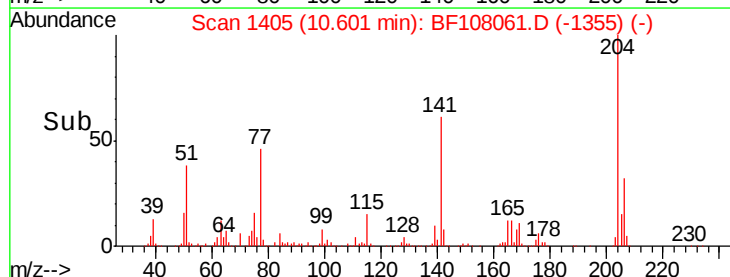
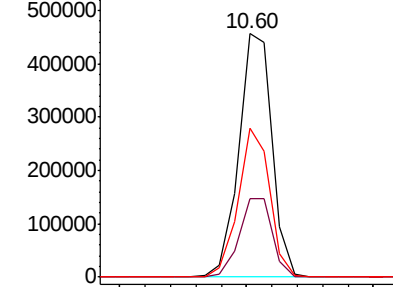


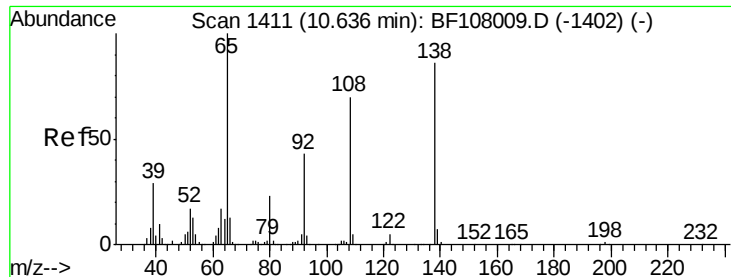
#60
4-Chlorophenyl-phenylether
Concen: 30.062 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion:204 Resp: 416536
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.0 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

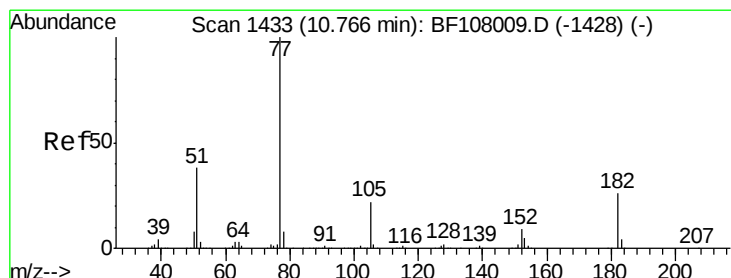
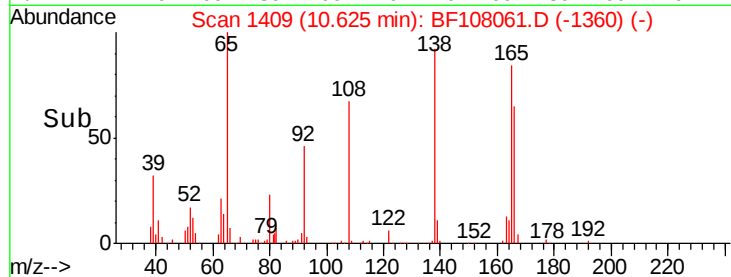
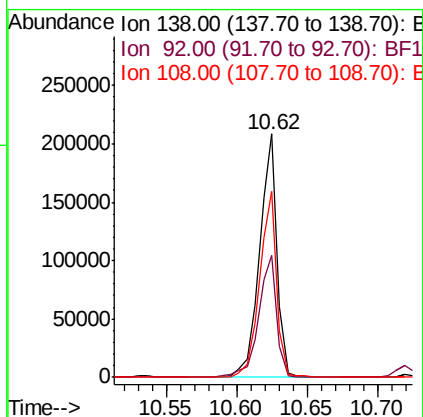
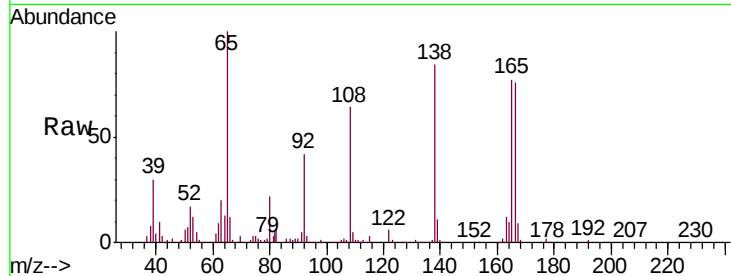




#61
4-Nitroaniline
Concen: 28.144 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

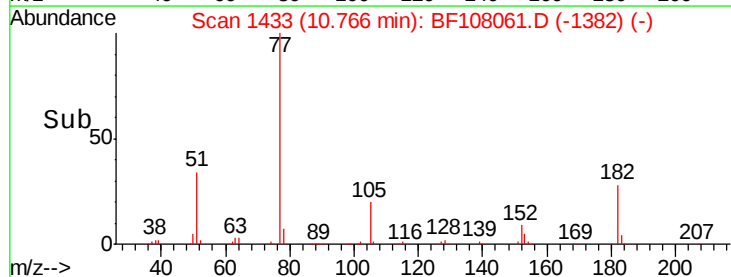
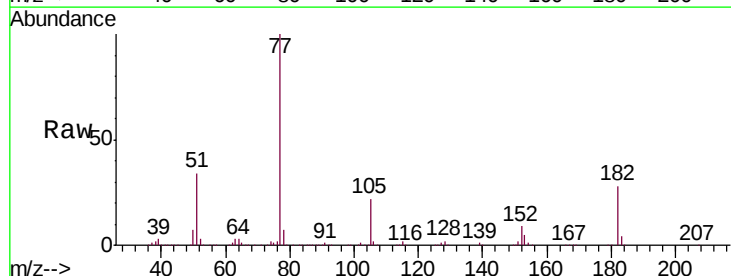
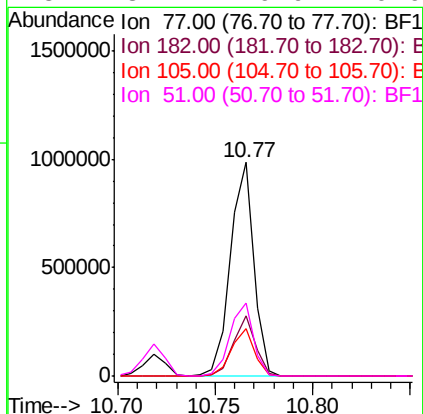
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

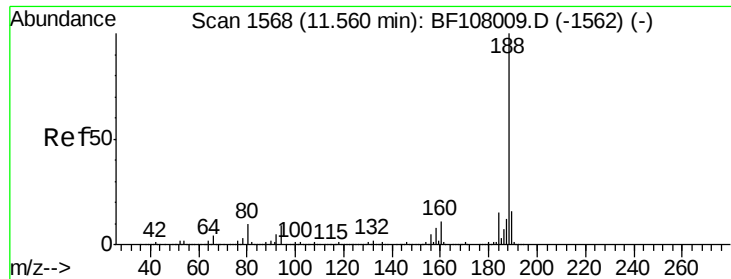
Tgt Ion: 138 Resp: 182313
Ion Ratio Lower Upper
138 100
92 50.3 30.2 70.2
108 76.5 52.5 92.5



#62
Azobenzene
Concen: 28.596 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion: 77 Resp: 818515
Ion Ratio Lower Upper
77 100
182 28.0 1.7 41.7
105 22.5 3.0 43.0
51 34.1 9.9 49.9

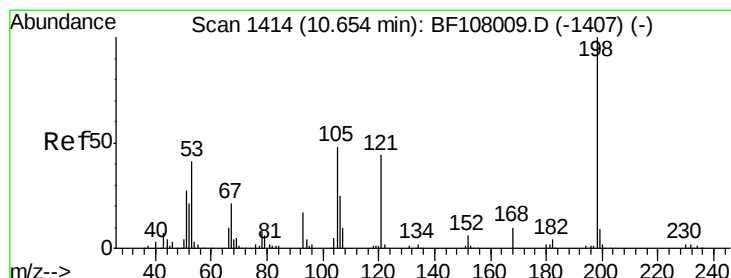
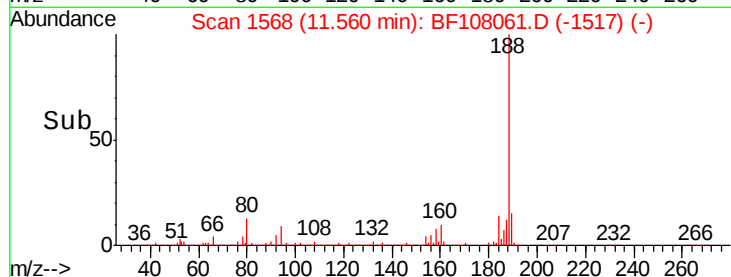
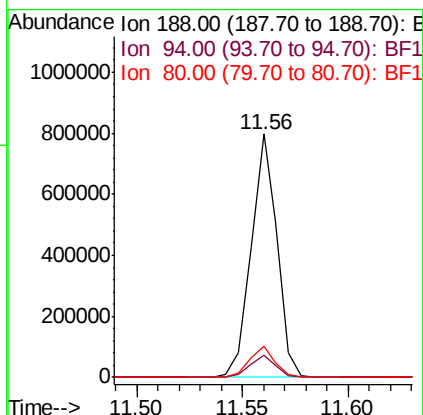
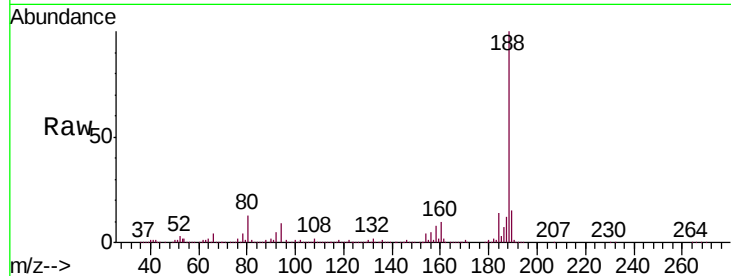




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

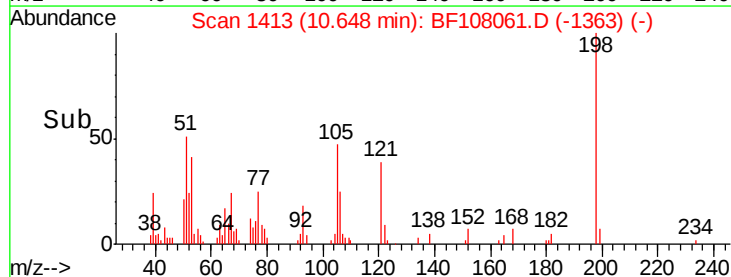
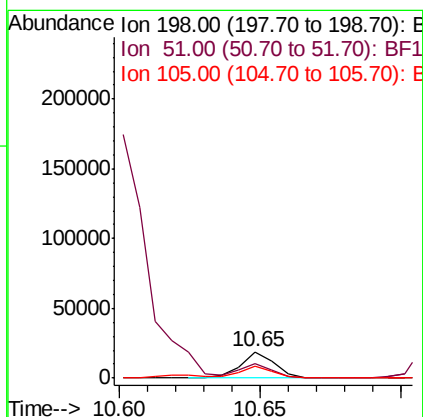
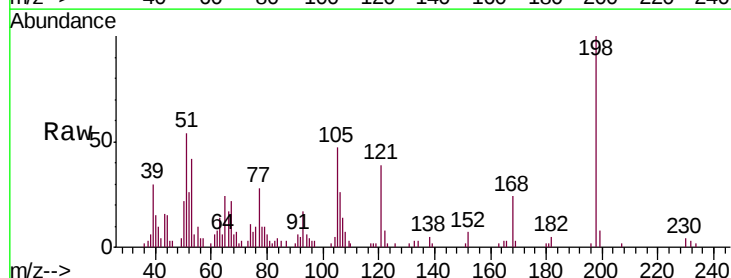
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

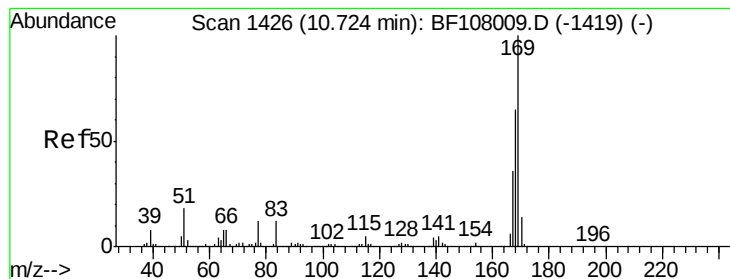
Tgt Ion:188 Resp: 672539
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 13.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 10.768 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion:198 Resp: 15375
Ion Ratio Lower Upper
198 100
51 53.8 37.7 77.7
105 46.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.167 ng

RT: 10.72 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

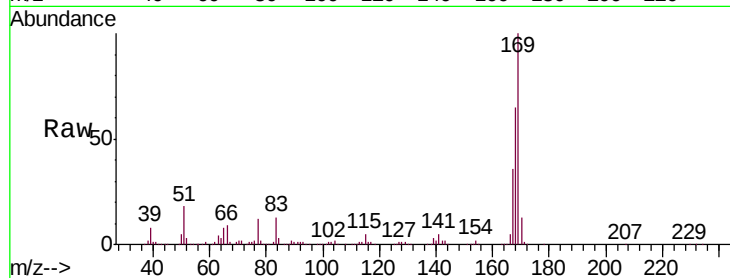
Tgt Ion:169 Resp: 718790

Ion Ratio Lower Upper

169 100

168 65.2 54.4 81.6

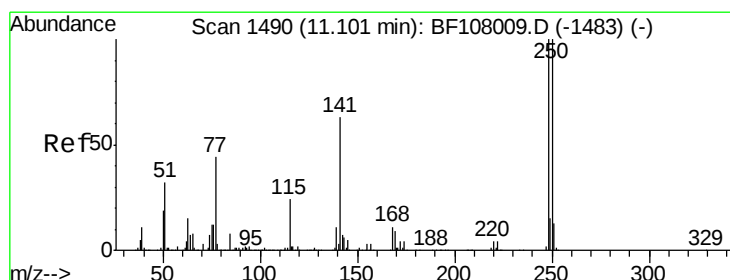
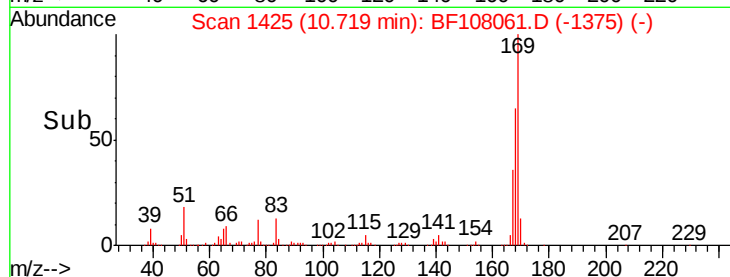
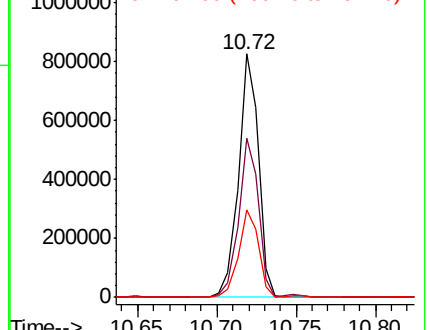
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.548 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

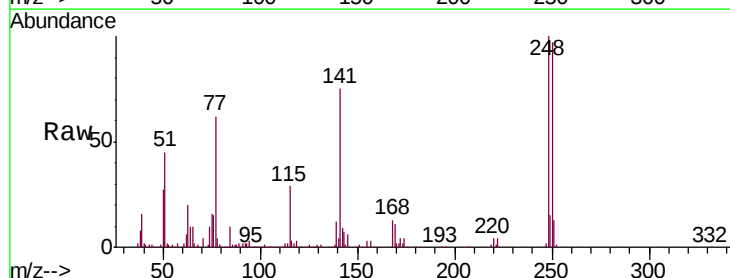
Tgt Ion:248 Resp: 245190

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

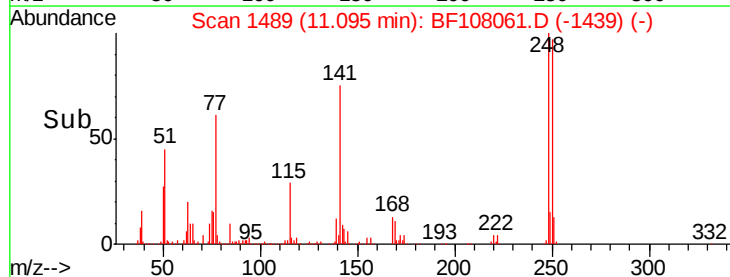
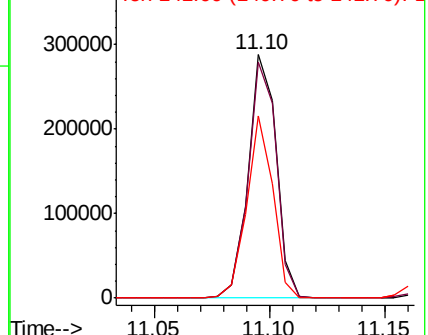
141 74.8 74.4 111.6

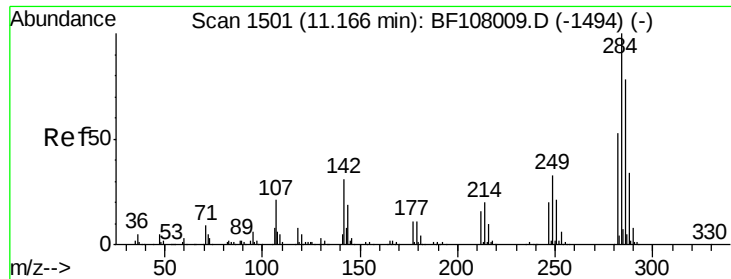


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

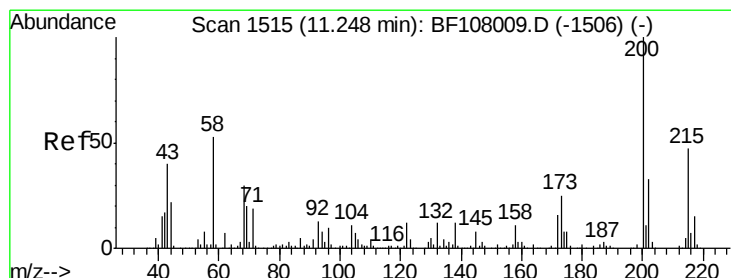
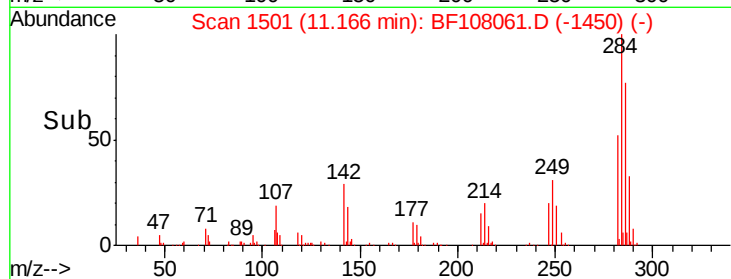
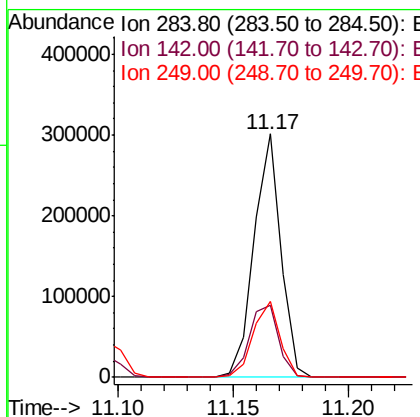
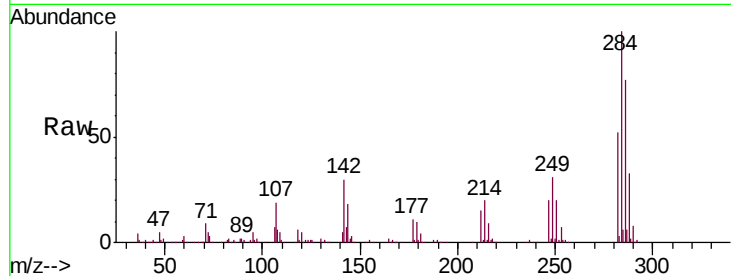




#67
Hexachlorobenzene
Concen: 31.901 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

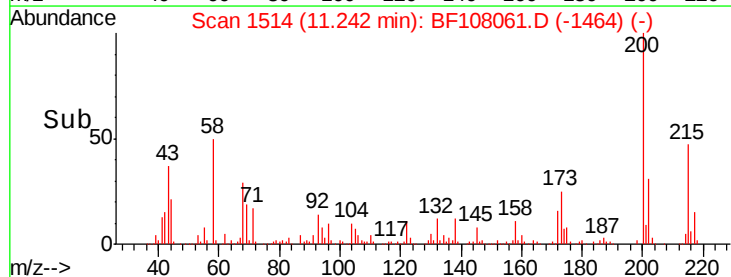
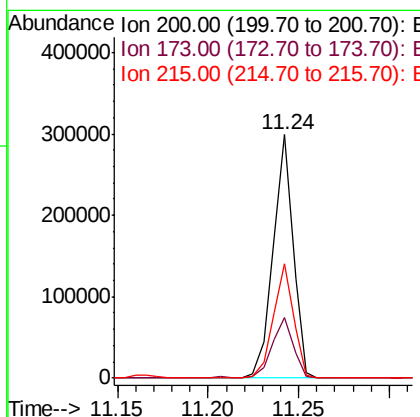
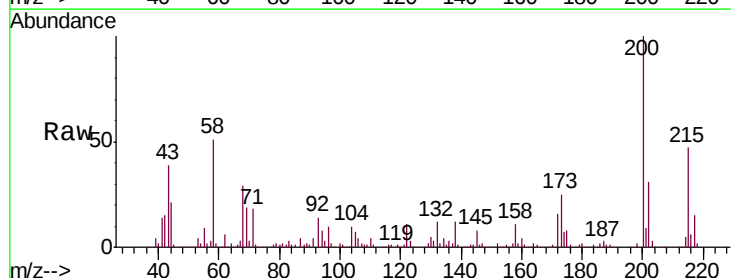
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

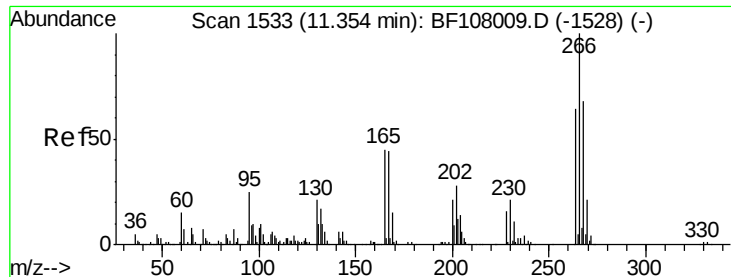
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	34.6	52.0#
249	31.3	24.8	37.2



#68
Atrazine
Concen: 34.702 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	8.6	48.6
215	47.2	25.1	65.1

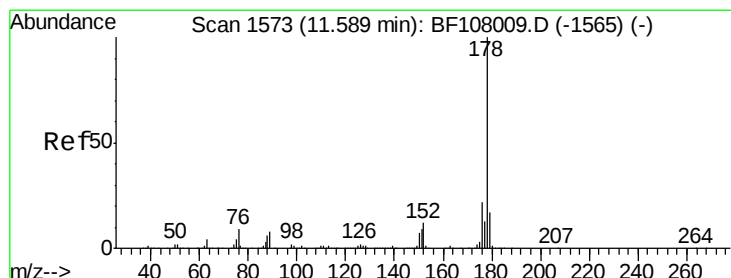
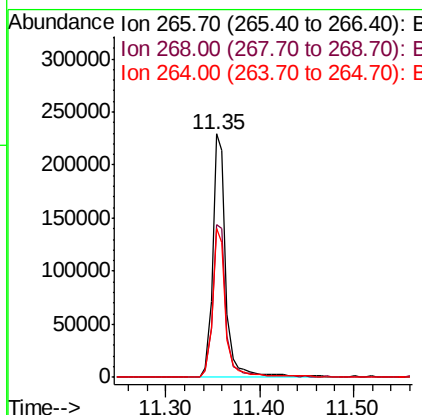
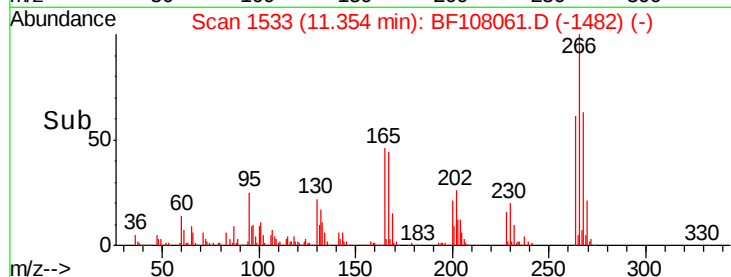
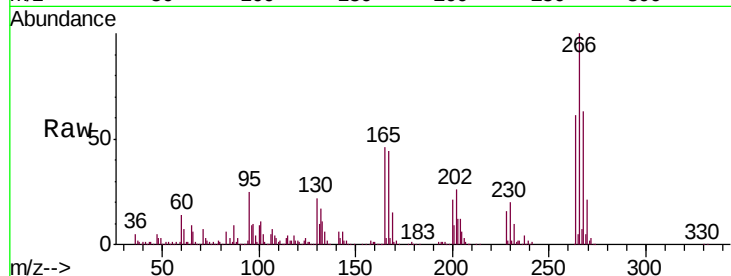




#69
 Pentachlorophenol
 Concen: 62.991 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

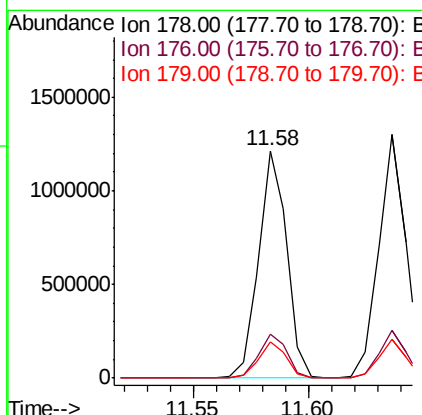
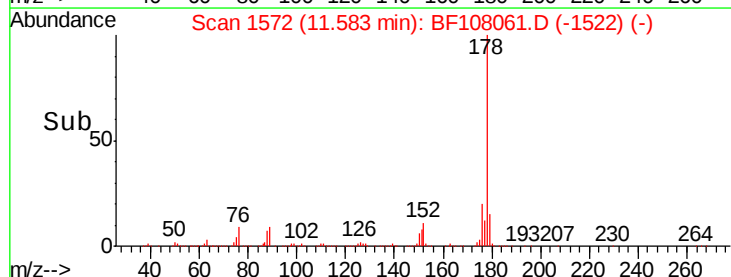
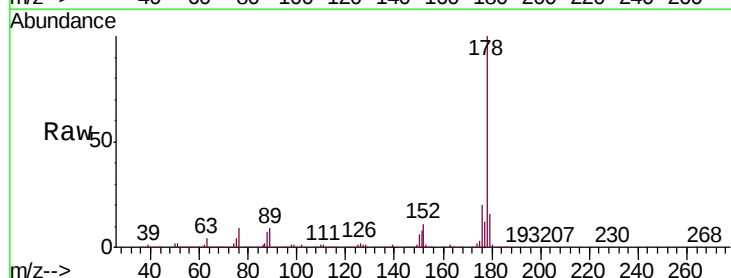
Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

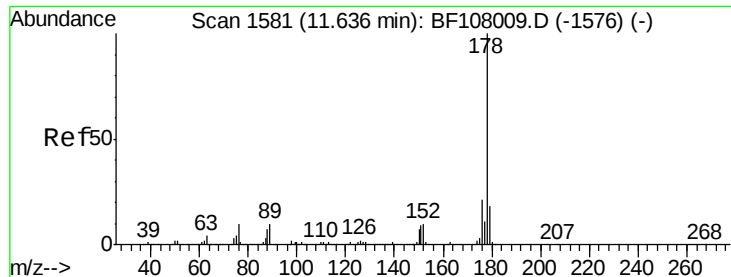
Tgt Ion: 266 Resp: 231852
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 60.9 49.5 74.3



#70
 Phenanthrene
 Concen: 32.452 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion: 178 Resp: 1029415
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 16.2 13.0 19.6

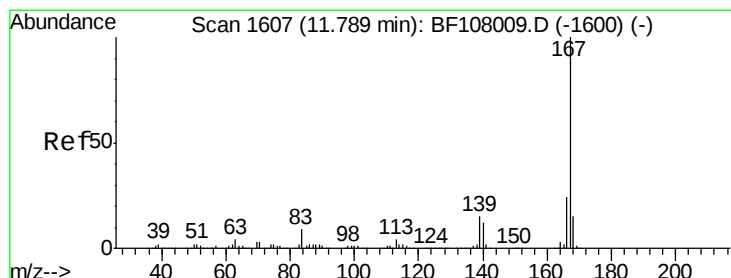
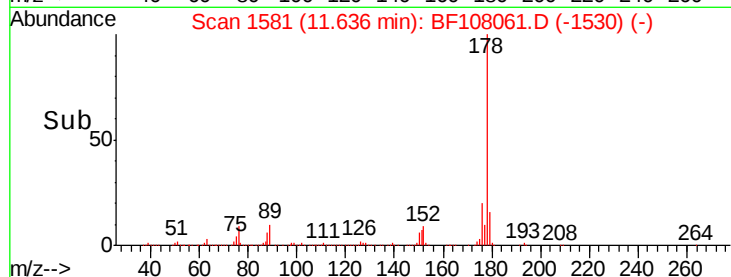
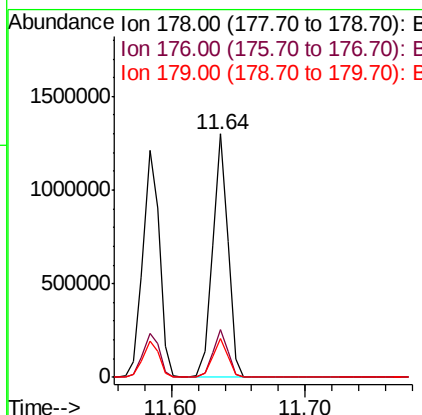
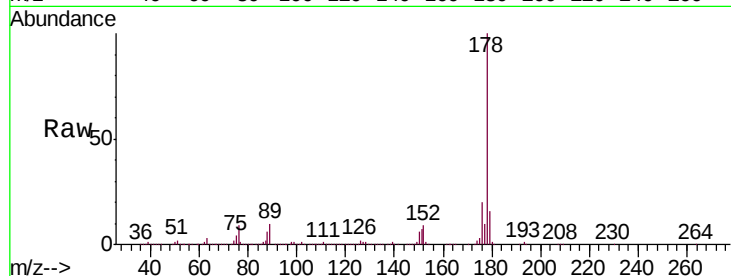




#71
 Anthracene
 Concen: 32.495 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

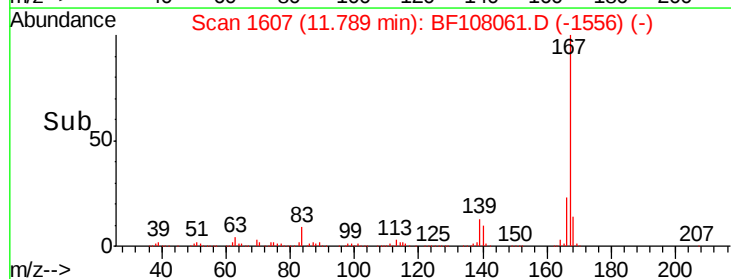
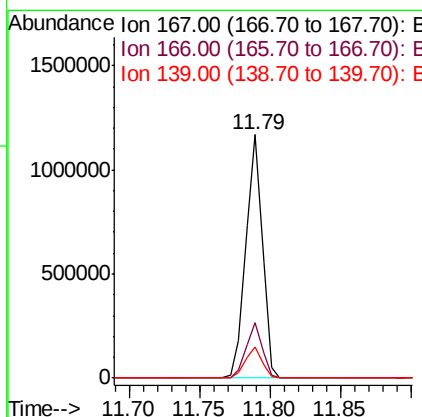
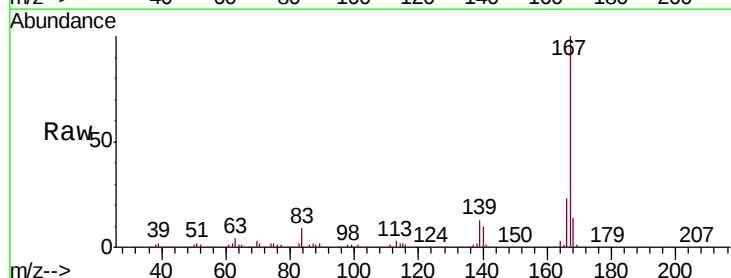
Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

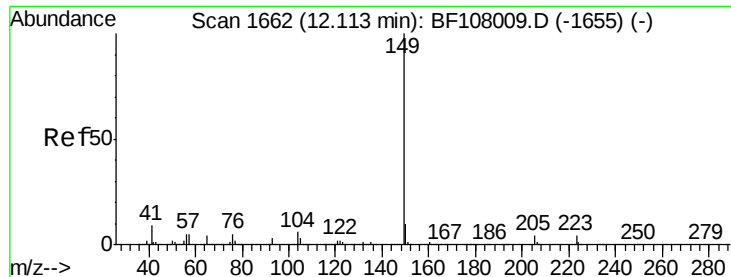
Tgt Ion:178 Resp: 1056478
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 33.152 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion:167 Resp: 957626
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.189 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

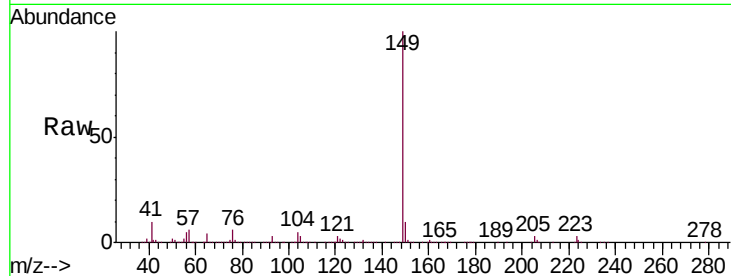
Tgt Ion:149 Resp: 1151355

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

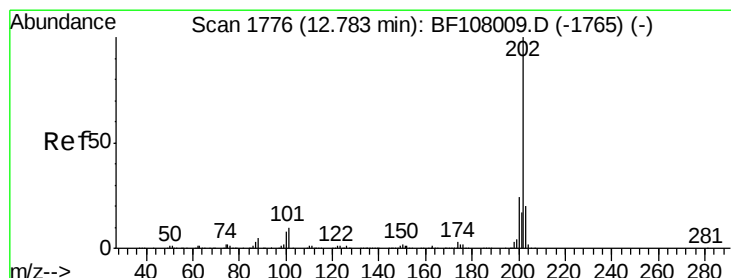
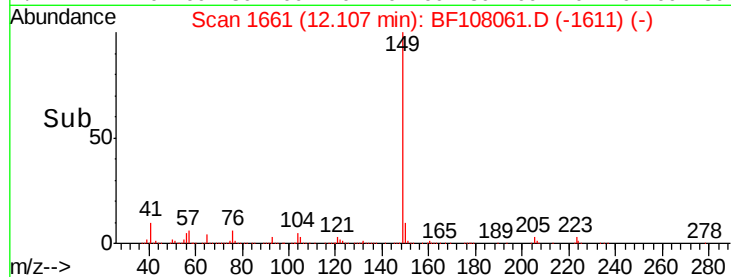
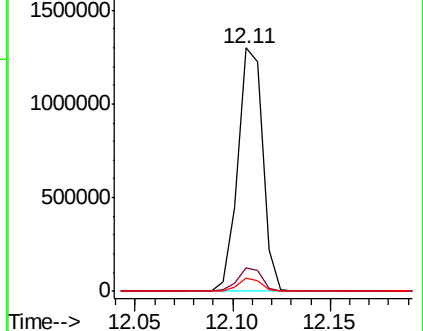
104 5.4 3.8 5.8



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: 34.009 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

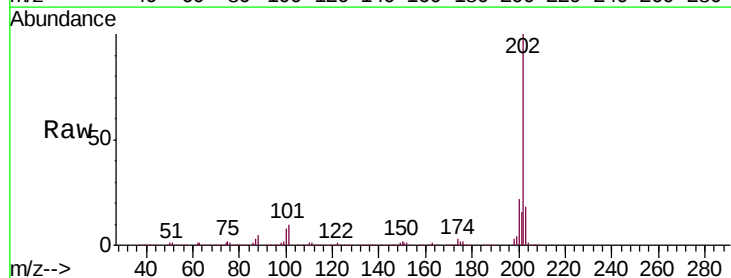
Tgt Ion:202 Resp: 1177377

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

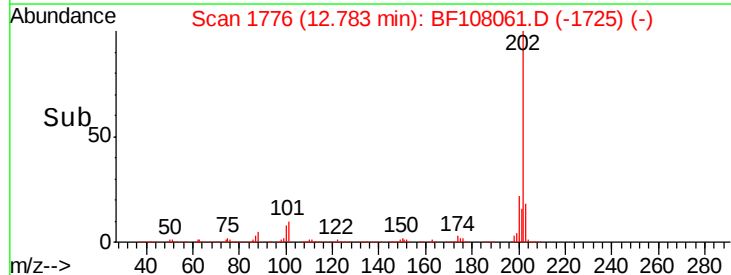
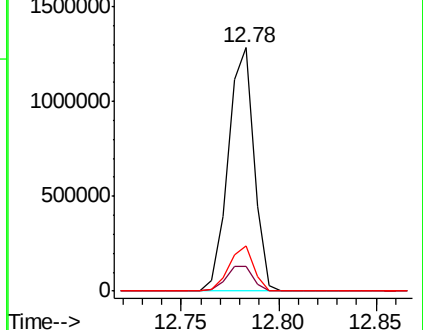
203 18.4 0.0 38.1

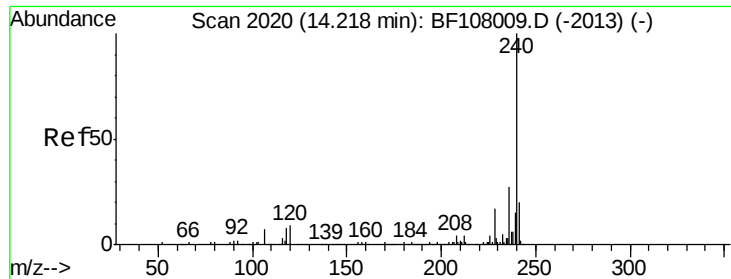


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

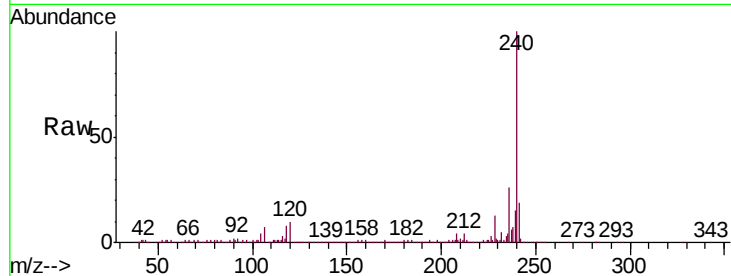
Tgt Ion:240 Resp: 646130

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

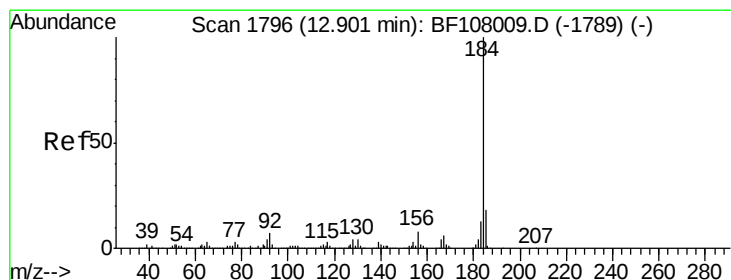
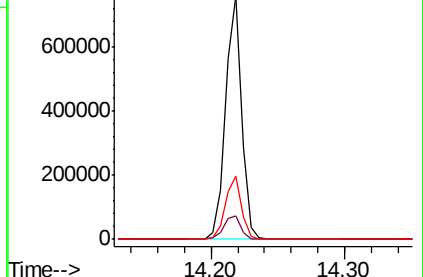
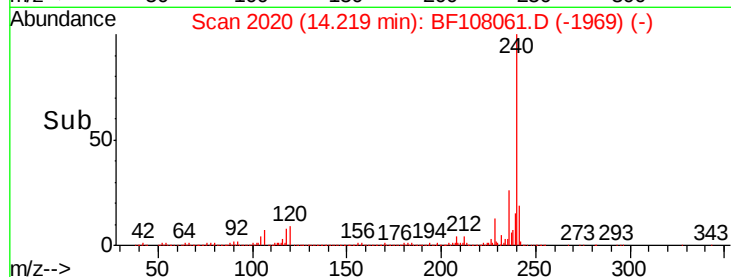
236 25.9 20.7 31.1



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: 35.858 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

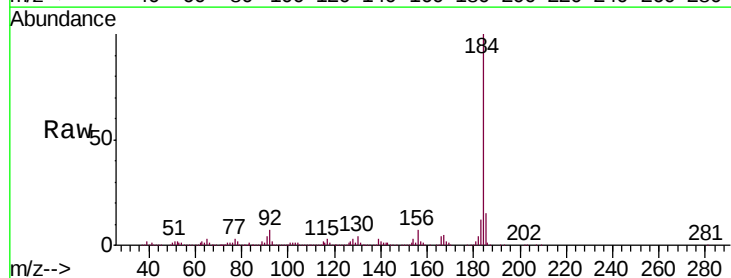
Tgt Ion:184 Resp: 865652

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

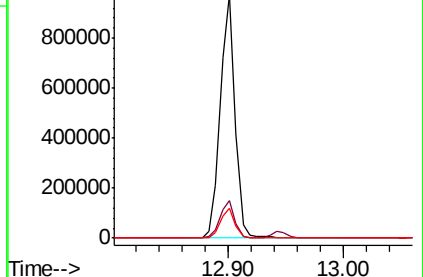
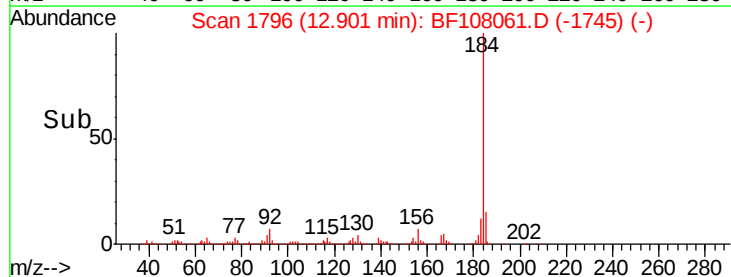
183 12.3 9.3 13.9

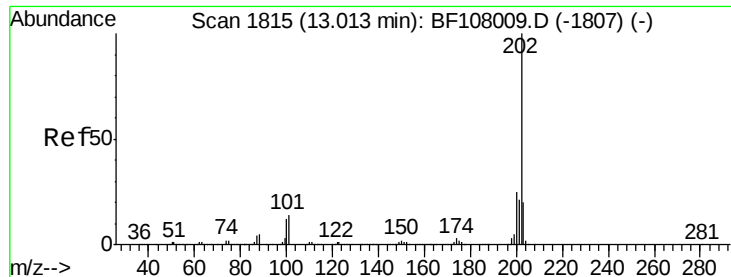


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 29.217 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

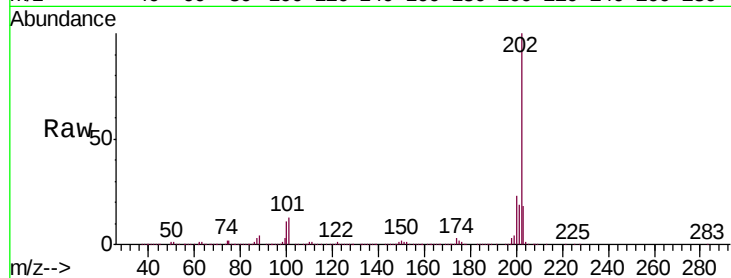
Tgt Ion:202 Resp: 1195181

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

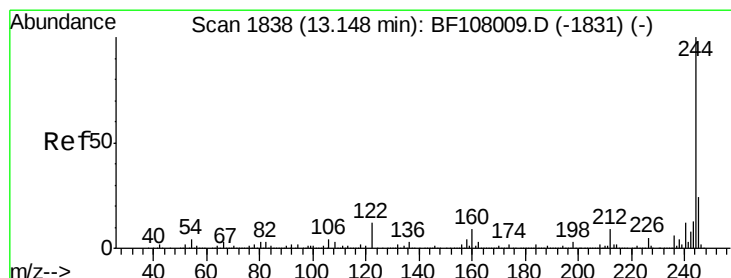
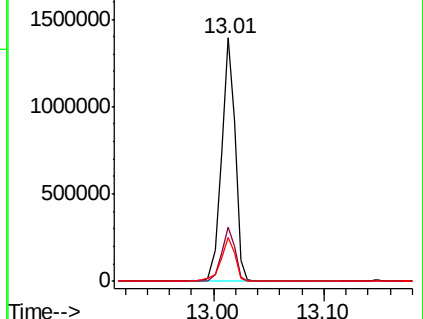
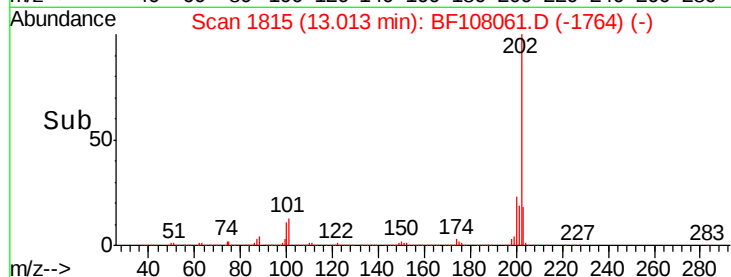
203 18.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.177 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

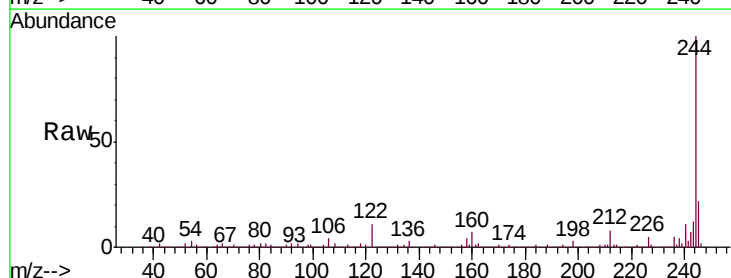
Tgt Ion:244 Resp: 1681733

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

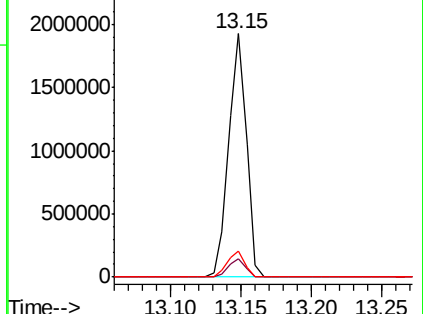
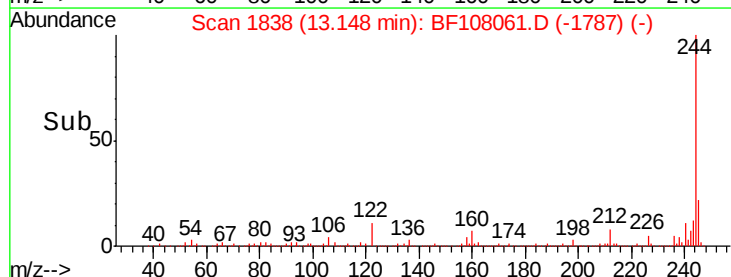
122 10.7 11.0 16.4#

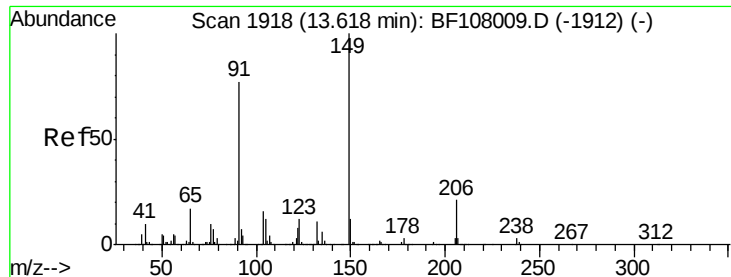


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 32.084 ng

RT: 13.62 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

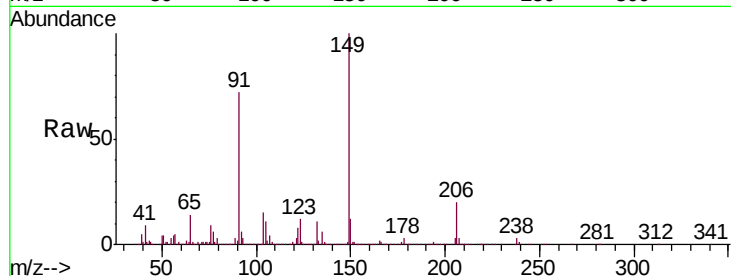
Tgt Ion:149 Resp: 521157

Ion Ratio Lower Upper

149 100

91 72.4 56.8 85.2

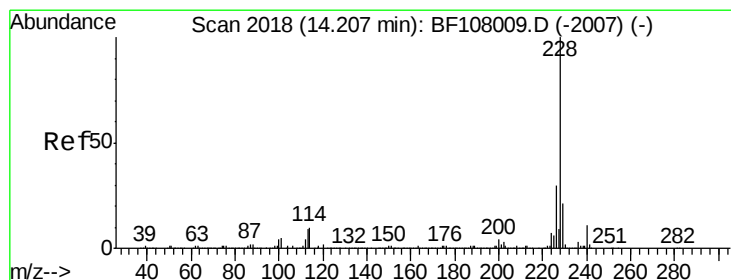
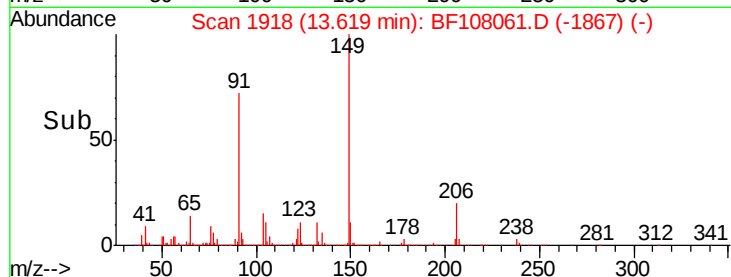
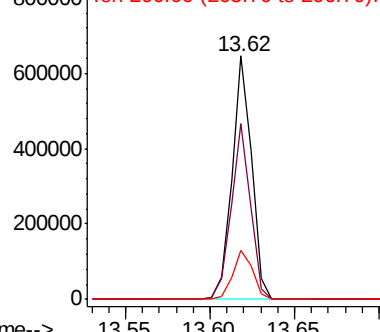
206 20.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.024 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

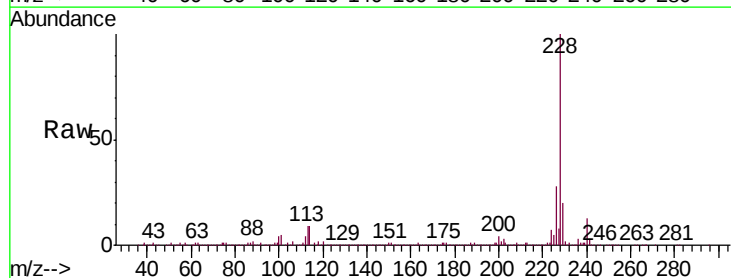
Tgt Ion:228 Resp: 1150425

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

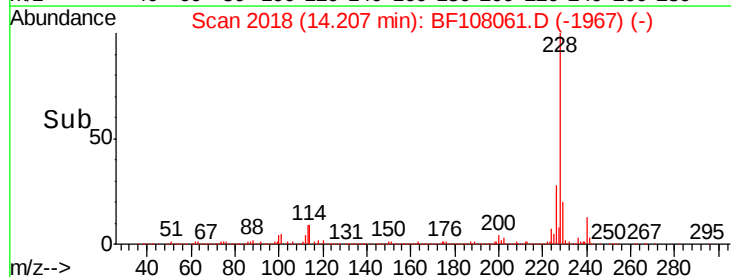
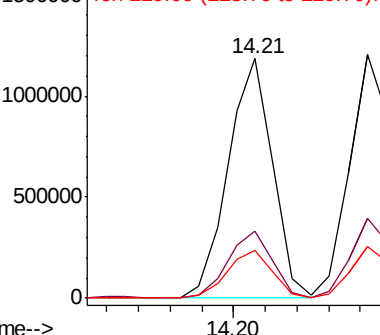
229 19.8 15.8 23.6

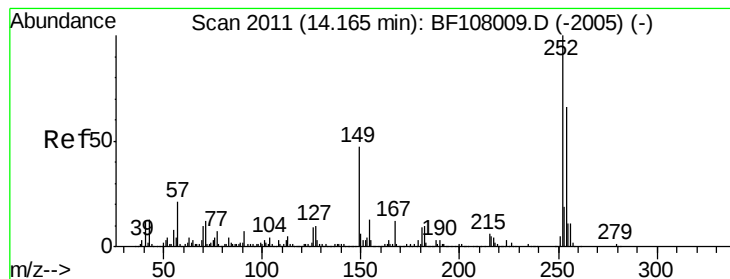


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

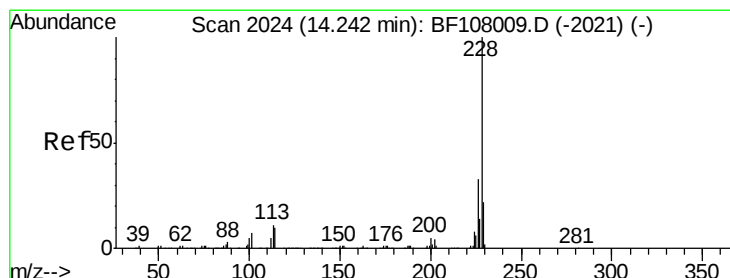
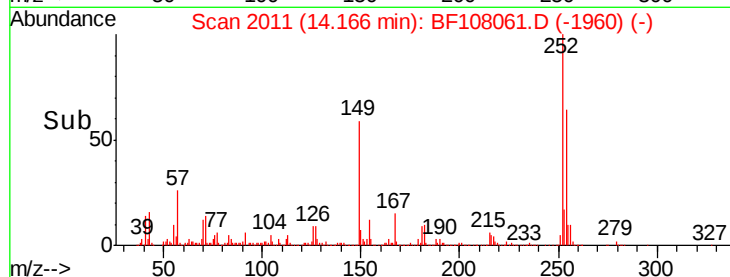
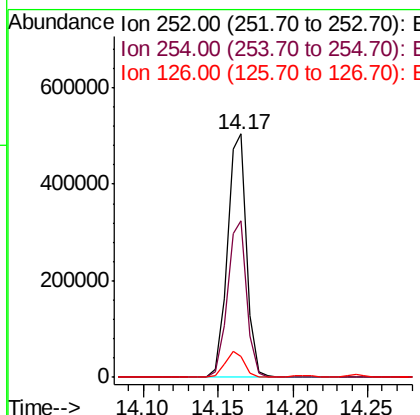
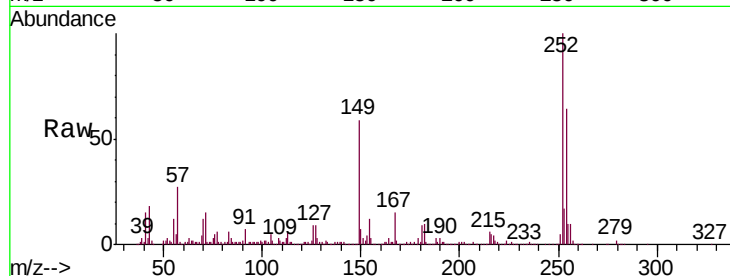




#81
 3,3'-Dichlorobenzidine
 Concen: 34.860 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

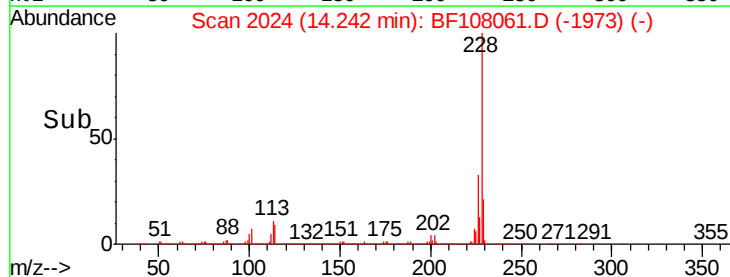
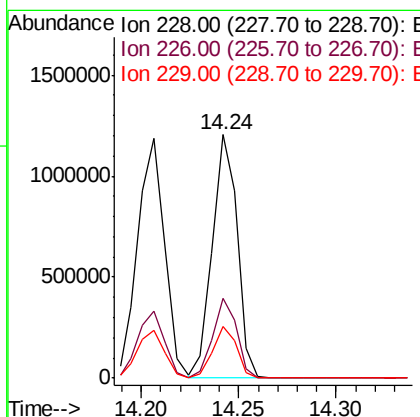
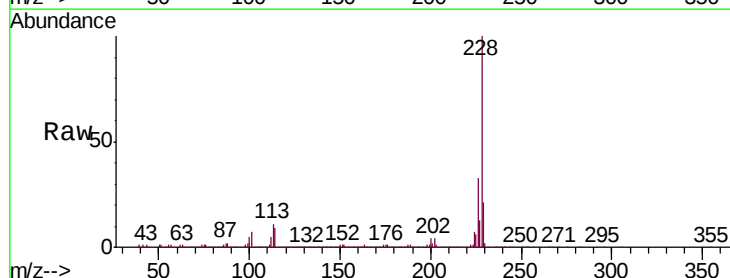
Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MSD

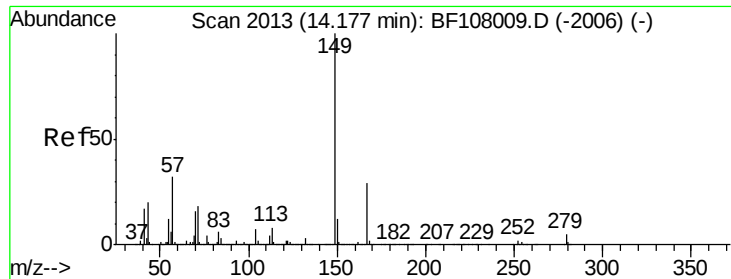
Tgt Ion:252 Resp: 463250
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 8.6 11.3 16.9#



#82
 Chrysene
 Concen: 31.331 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108061.D
 Acq: 9 Aug 2018 19:11

Tgt Ion:228 Resp: 1065120
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.0 37.6
 229 21.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.740 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD

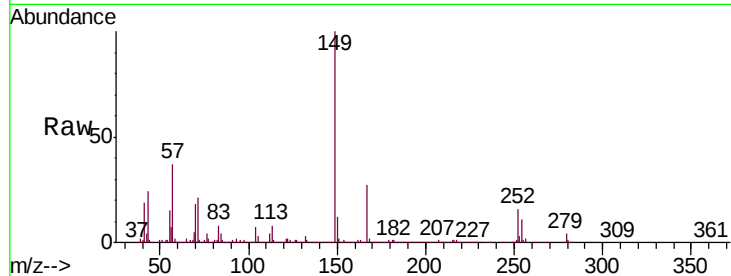
Tgt Ion:149 Resp: 742171

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

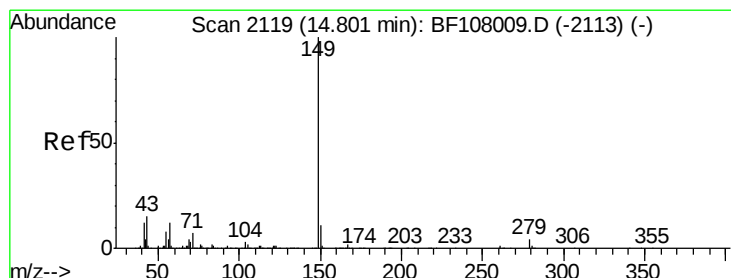
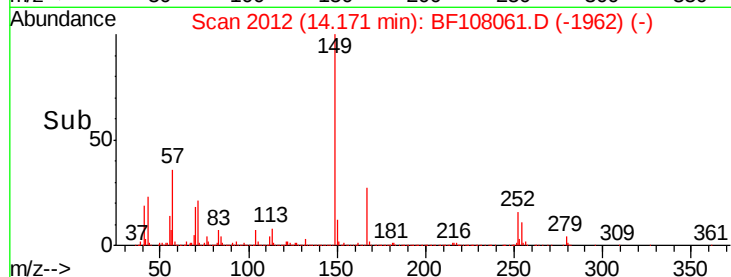
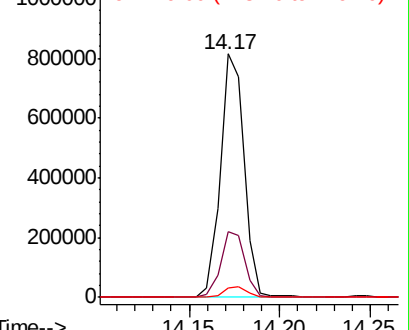
279 3.6 3.0 4.4



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: 37.753 ng

RT: 14.80 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

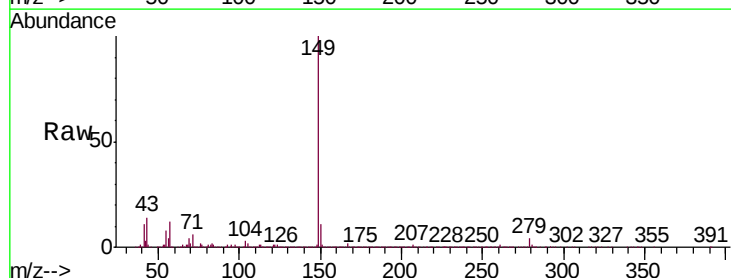
Tgt Ion:149 Resp: 1266510

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

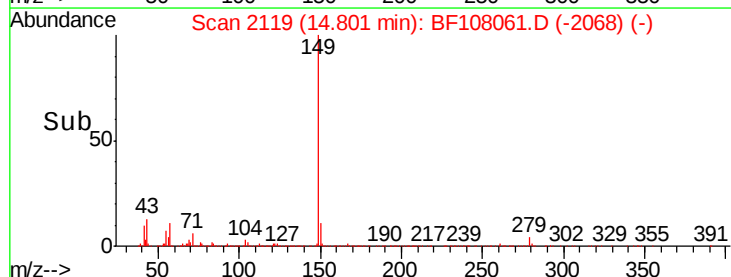
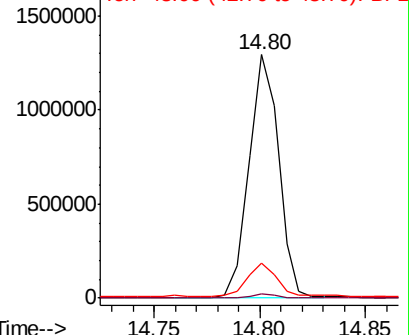
43 13.0 8.4 12.6#

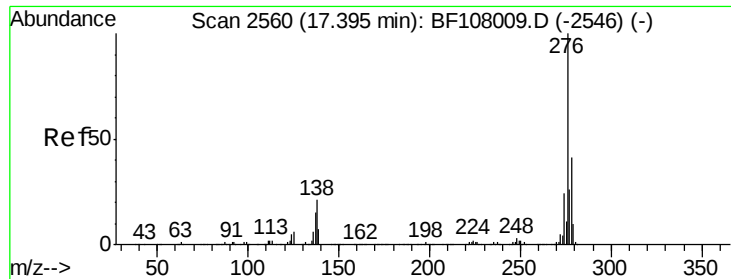


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

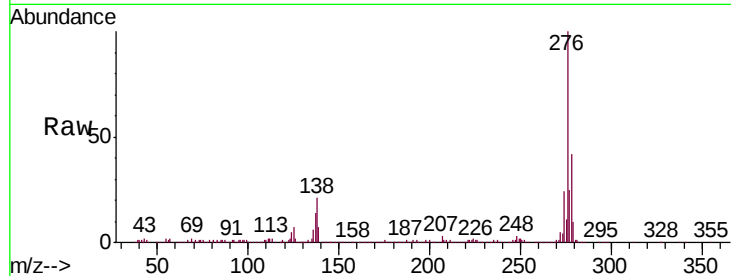




#85
Indeno(1,2,3-cd)pyrene
Concen: 23.691 ng
RT: 17.39 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	25.6	20.1	30.1

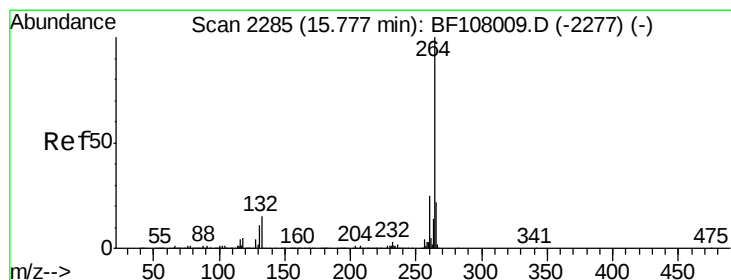
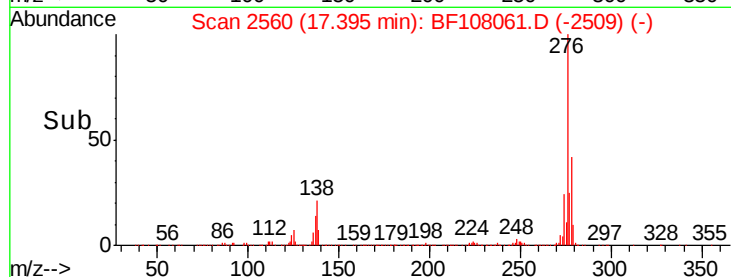
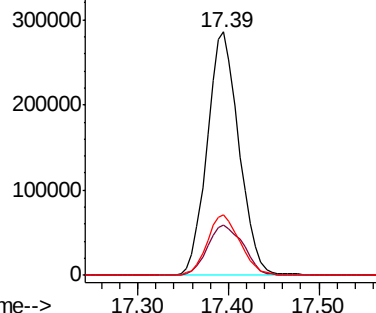


Abundance

Ion 276.00 (275.70 to 276.70): E

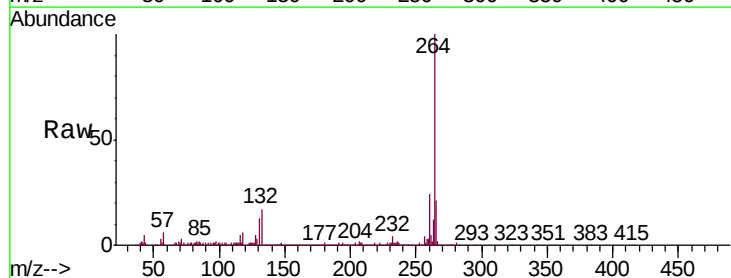
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3

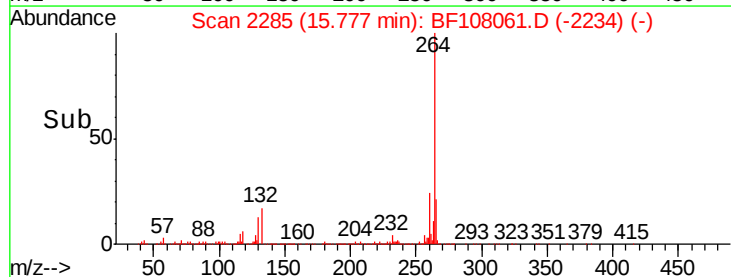
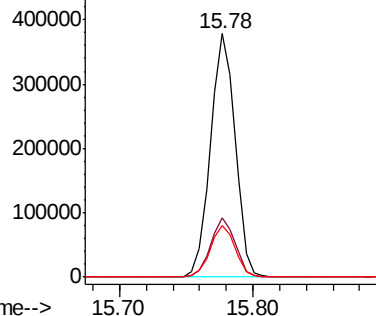


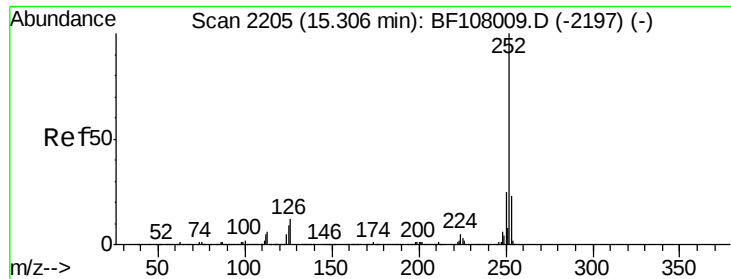
Abundance

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: 33.142 ng

RT: 15.31 min Scan# 2205

Delta R.T. 0.00 min

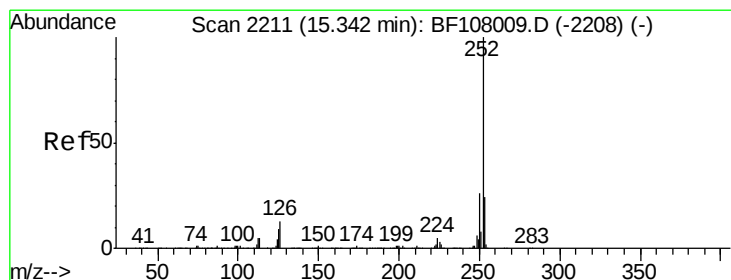
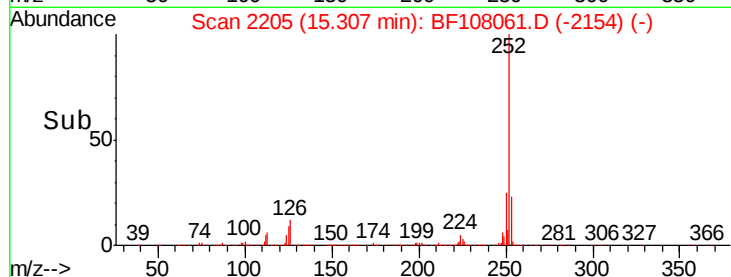
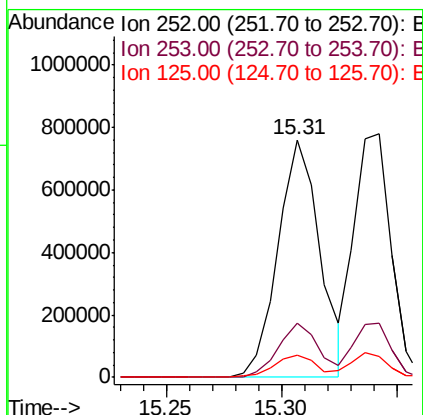
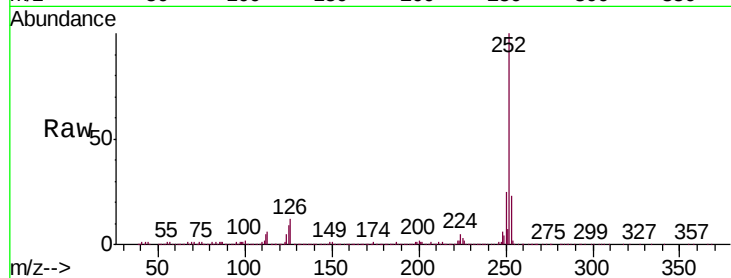
Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

Tgt Ion:252 Resp: 958441

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.3	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 32.368 ng

RT: 15.34 min Scan# 2211

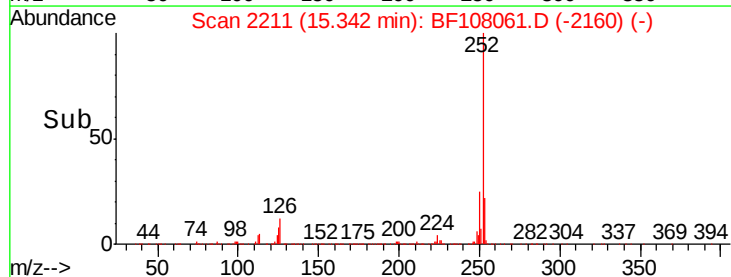
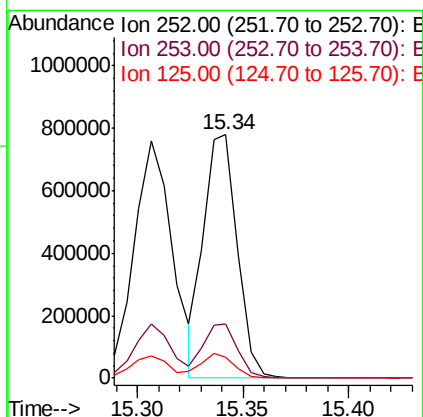
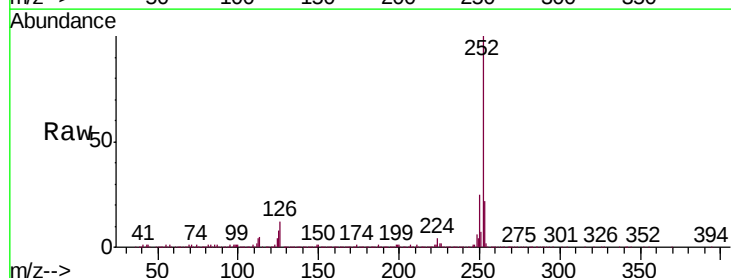
Delta R.T. 0.00 min

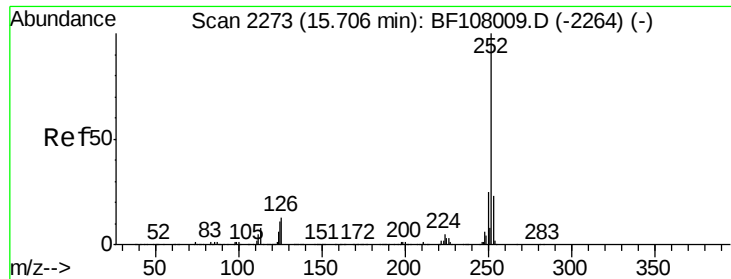
Lab File: BF108061.D

Acq: 9 Aug 2018 19:11

Tgt Ion:252 Resp: 860474

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.5	10.2	15.2#

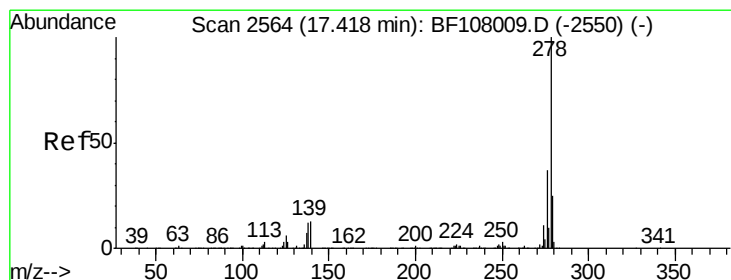
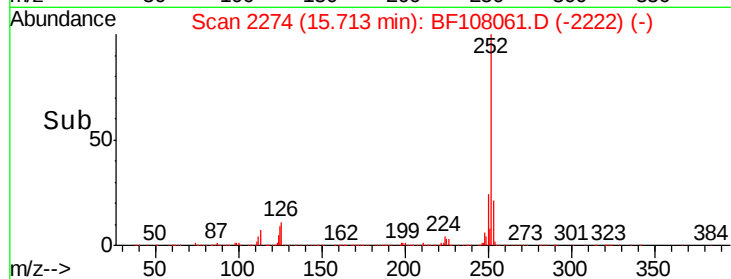
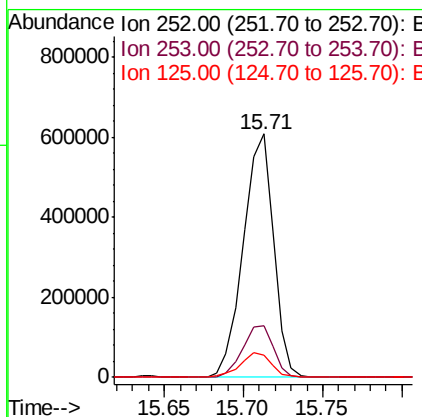
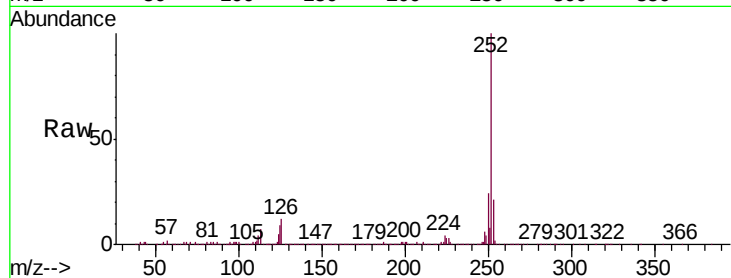




#89
Benzo(a)pyrene
Concen: 31.205 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

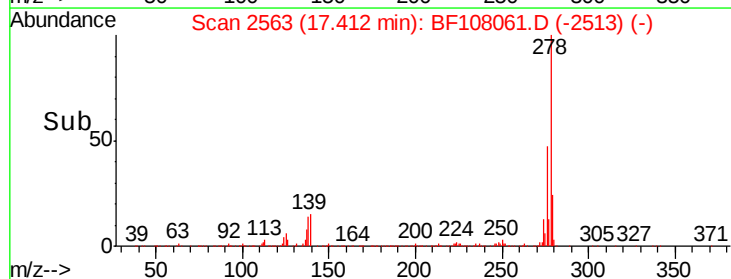
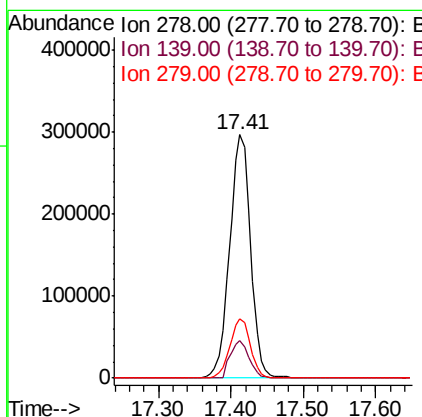
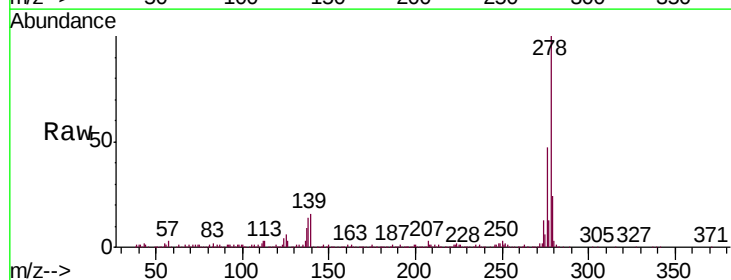
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

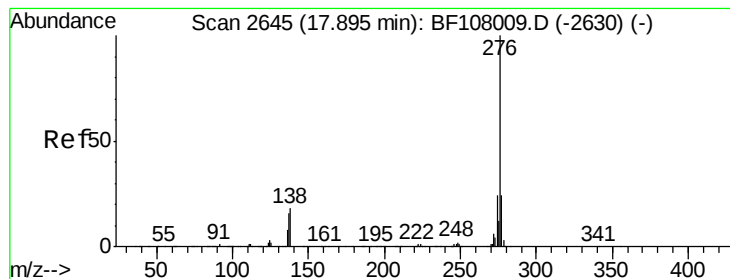
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.3	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 27.860 ng
RT: 17.41 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF108061.D
Acq: 9 Aug 2018 19:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 26.526 ng

RT: 17.89 min Scan# 2644

Delta R.T. -0.01 min

Lab File: BF108061.D

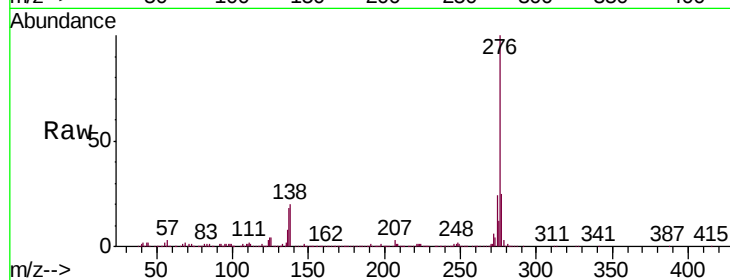
Acq: 9 Aug 2018 19:11

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MSD



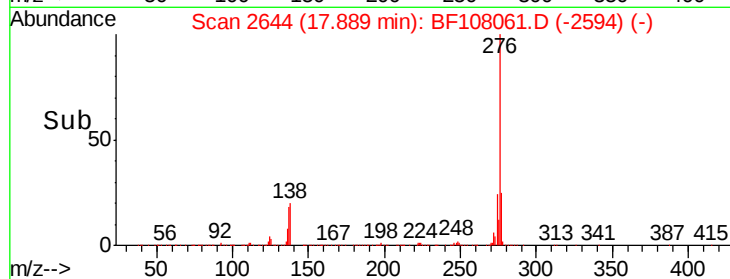
Tgt Ion: 276 Resp: 559660

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 20.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

