

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108414.D
 Acq On : 23 Aug 2018 7:08
 Operator : JU/SJ
 Sample : PB112196BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 08:00:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	161271	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	584060	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	280894	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	477667	20.00	ng	0.00
75) Chrysene-d12	14.19	240	303069	20.00	ng	0.00
86) Perylene-d12	15.75	264	257083	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	845596	94.93	ng	0.00
7) Phenol-d6	6.63	99	1143385	96.59	ng	0.00
23) Nitrobenzene-d5	7.57	82	1092184	104.35	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	246690	88.05	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1903358	108.79	ng	0.00
78) Terphenyl-d14	13.12	244	1390677	116.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	144271	31.520	ng	91
3) Pyridine	3.73	79	430499	36.512	ng	88
4) n-Nitrosodimethylamine	3.70	42	253824	38.258	ng	# 84
6) Aniline	6.67	93	339216	21.068	ng	96
8) 2-Chlorophenol	6.79	128	456600	45.512	ng	95
9) Benzaldehyde	6.55	77	316652	34.503	ng	95
10) Phenol	6.64	94	567163	46.321	ng	89
11) bis(2-Chloroethyl)ether	6.74	93	428216	43.259	ng	93
12) 1,3-Dichlorobenzene	6.94	146	505695	43.593	ng	98
13) 1,4-Dichlorobenzene	7.02	146	505682	43.388	ng	99
14) 1,2-Dichlorobenzene	7.17	146	473208	43.650	ng	100
15) Benzyl Alcohol	7.14	79	420331	42.180	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	815009	39.966	ng	99
17) 2-Methylphenol	7.25	107	400717	46.576	ng	# 93
18) Hexachloroethane	7.51	117	172990	41.691	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	345884	43.210	ng	91
20) 3+4-Methylphenols	7.40	107	483251	43.832	ng	# 83
22) Acetophenone	7.41	105	645617	47.274	ng	# 93
24) Nitrobenzene	7.59	77	511779	48.353	ng	94
25) Isophorone	7.82	82	943221	47.279	ng	98
26) 2-Nitrophenol	7.90	139	196373	49.129	ng	90
27) 2,4-Dimethylphenol	7.93	122	419797	47.411	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	561630	48.224	ng	99
29) 2,4-Dichlorophenol	8.14	162	395326	48.516	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	429320	47.788	ng	98
31) Naphthalene	8.31	128	1271864	47.883	ng	99
32) Benzoic acid	8.04	122	90778	21.443	ng	96
33) 4-Chloroaniline	8.35	127	95291	8.232	ng	99
34) Hexachlorobutadiene	8.42	225	281067	49.420	ng	98
35) Caprolactam	8.74	113	113521	44.457	ng	90
36) 4-Chloro-3-methylphenol	8.84	107	411733	46.839	ng	96
37) 2-Methylnaphthalene	9.00	142	875578	46.591	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	440254	51.038	ng	97
40) Hexachlorocyclopentadiene	9.15	237	155074	27.833	ng	96

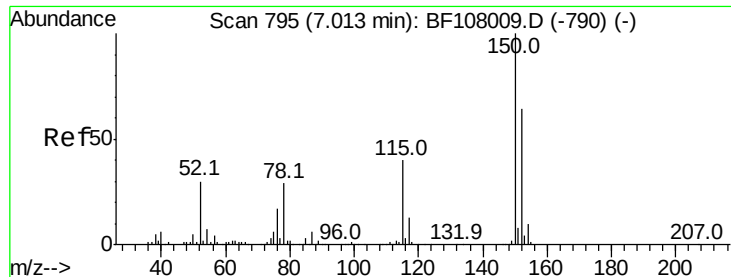
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108414.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	269817	50.406	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	275348	46.728	nq	97
45) 1,1'-Biphenyl	9.47	154	1058333	51.102	nq	99
46) 2-Chloronaphthalene	9.50	162	804167	49.128	nq	99
47) 2-Nitroaniline	9.59	65	275561	52.029	nq	86
48) Acenaphthylene	9.91	152	1254249	48.468	nq	99
49) Dimethylphthalate	9.77	163	993580	50.779	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	206111	50.348	nq	93
51) Acenaphthene	10.08	154	734830	46.362	nq	99
52) 3-Nitroaniline	10.00	138	142308	31.772	nq	95
53) 2,4-Dinitrophenol	10.11	184	12435	14.425	nq	# 21
54) Dibenzofuran	10.26	168	1093129	47.604	nq	99
55) 4-Nitrophenol	10.16	139	218274	64.354	nq	85
56) 2,4-Dinitrotoluene	10.24	165	259549	49.256	nq	# 95
57) Fluorene	10.60	166	848375	46.670	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	191094	38.800	nq	# 86
59) Diethylphthalate	10.46	149	940502	49.639	nq	96
60) 4-Chlorophenyl-phenylether	10.59	204	455048	48.041	nq	# 88
61) 4-Nitroaniline	10.62	138	197060	44.500	nq	92
62) Azobenzene	10.75	77	891680	45.570	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	13910	12.249	nq	97
65) n-Nitrosodiphenylamine	10.71	169	782533	55.438	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	283198	54.556	nq	# 90
67) Hexachlorobenzene	11.15	284	278476	50.987	nq	91
68) Atrazine	11.23	200	258060	54.507	nq	97
69) Pentachlorophenol	11.34	266	166853	63.825	nq	97
70) Phenanthrene	11.57	178	1111020	49.313	nq	99
71) Anthracene	11.62	178	1132457	49.042	nq	100
72) Carbazole	11.78	167	954126	46.506	nq	99
73) Di-n-butylphthalate	12.09	149	1317356	56.689	nq	100
74) Fluoranthene	12.77	202	1028708	41.837	nq	93
76) Benzidine	12.88	184	308394	27.235	nq	98
77) Pyrene	13.00	202	982191	51.189	nq	100
79) Butylbenzylphthalate	13.59	149	438929	57.610	nq	# 98
80) Benzo(a)anthracene	14.19	228	859497	49.416	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	212390	34.074	nq	# 97
82) Chrysene	14.22	228	798881	50.100	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	591795	57.358	nq	# 98
84) Di-n-octyl phthalate	14.77	149	948187	60.259	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	589827	42.690	nq	# 90
87) Benzo(b)fluoranthene	15.28	252	810955	52.790	nq	# 97
88) Benzo(k)fluoranthene	15.32	252	714311	50.584	nq	# 96
89) Benzo(a)pyrene	15.68	252	684668	49.772	nq	# 97
90) Dibenzo(a,h)anthracene	17.38	278	507603	44.598	nq	# 93
91) Benzo(g,h,i)perylene	17.86	276	462776	41.292	nq	# 89

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

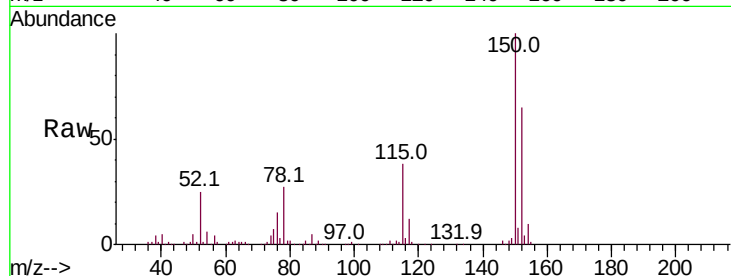


#1

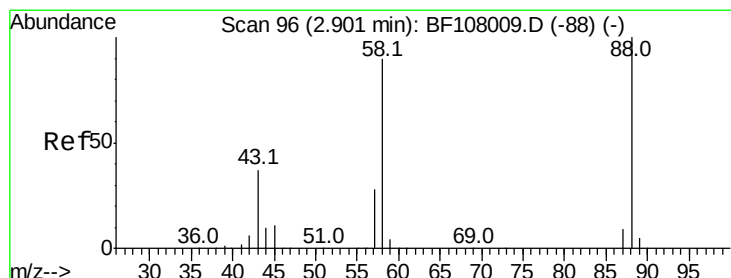
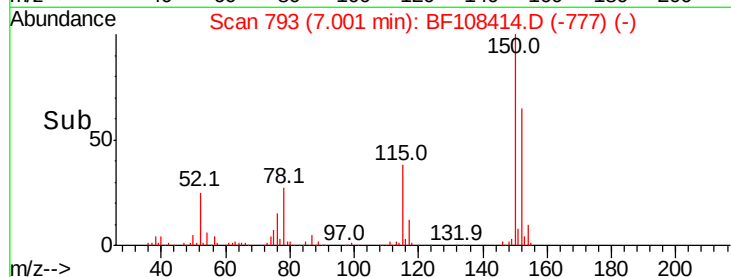
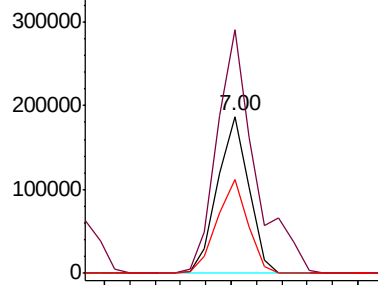
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161271
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 59.6 50.1 75.1



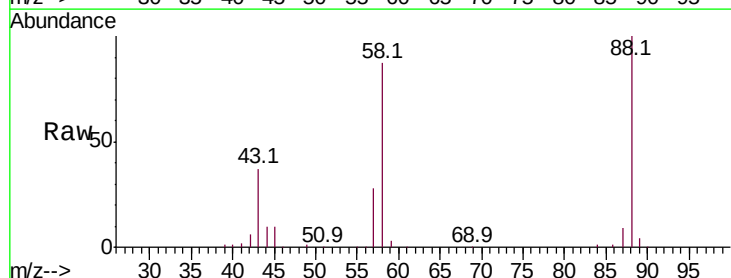
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



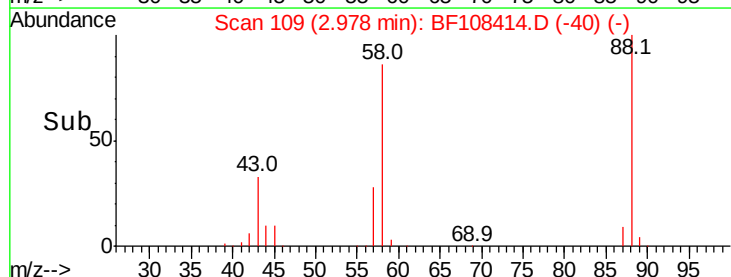
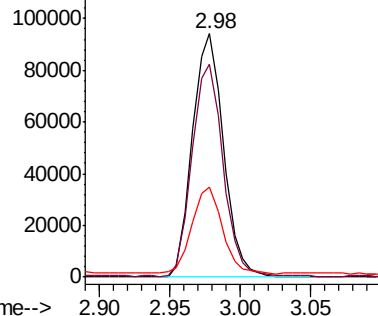
#2

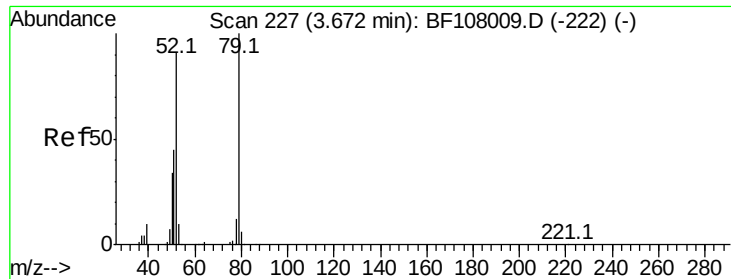
1,4-Dioxane
Concen: 31.520 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion: 88 Resp: 144271
Ion Ratio Lower Upper
88 100
58 87.0 62.6 93.8
43 34.6 24.6 37.0



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





#3

Pvridine

Concen: 36.512 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.07 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

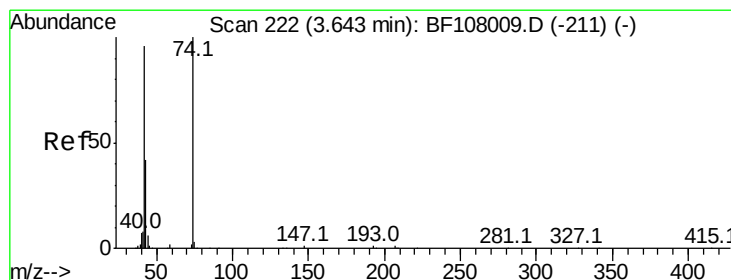
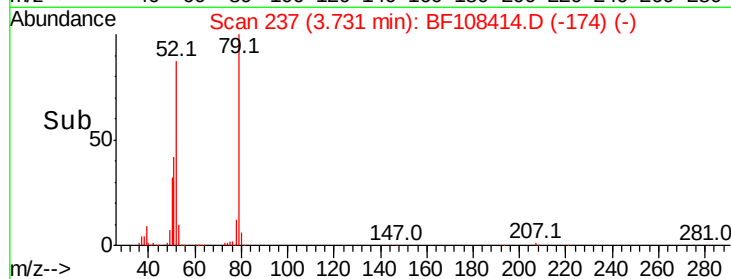
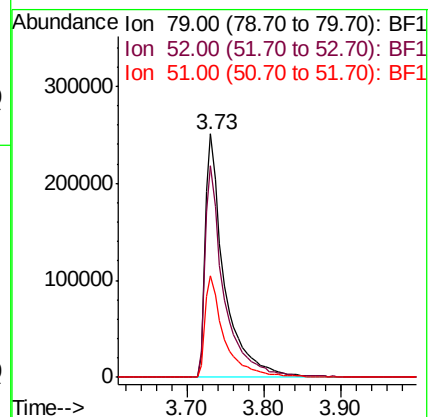
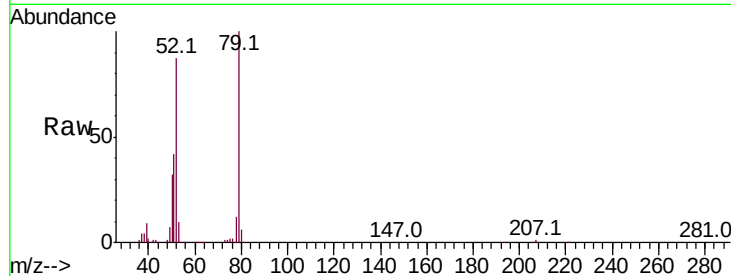
Tot Ion: 79 Resp: 430499

Ion Ratio Lower Upper

79 100

52 86.9 59.8 89.6

51 41.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.258 ng

RT: 3.70 min Scan# 232

Delta R.T. 0.07 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

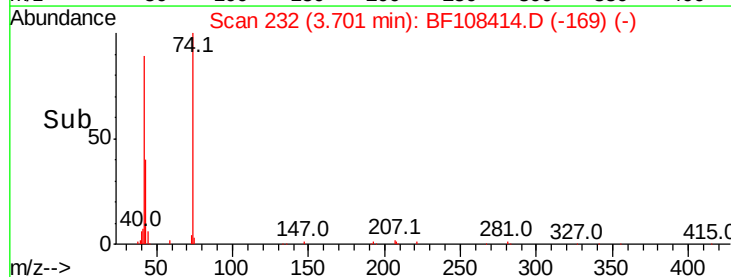
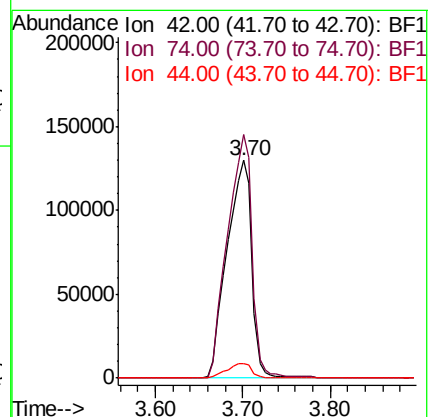
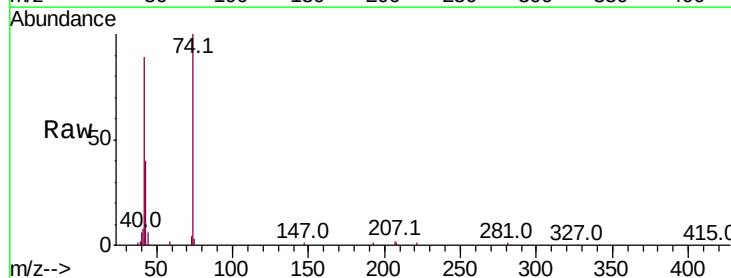
Tgt Ion: 42 Resp: 253824

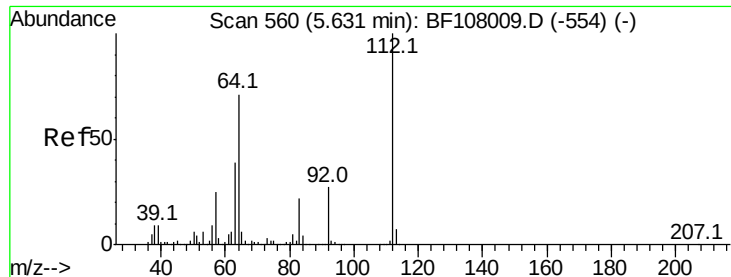
Ion Ratio Lower Upper

42 100

74 112.0 104.9 157.3

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 94.928 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

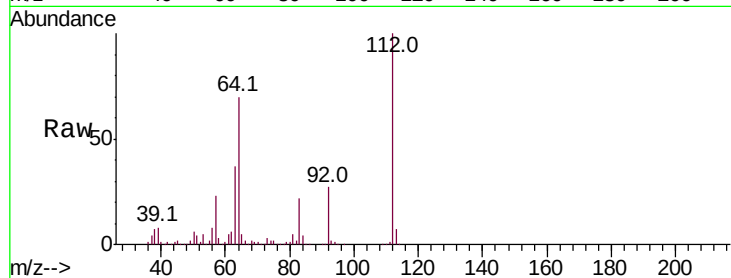
Tot Ion:112 Resp: 845596

Ion Ratio Lower Upper

112 100

64 70.2 47.9 71.9

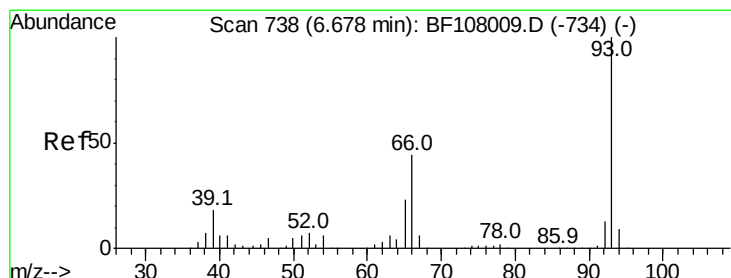
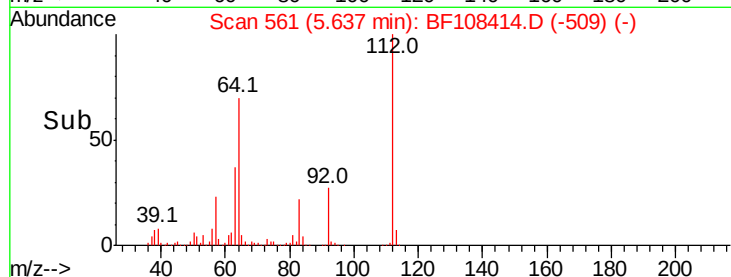
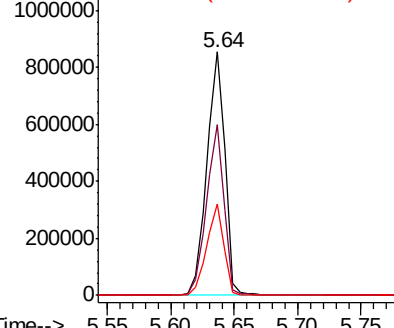
63 37.2 23.7 35.5#



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: 21.068 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

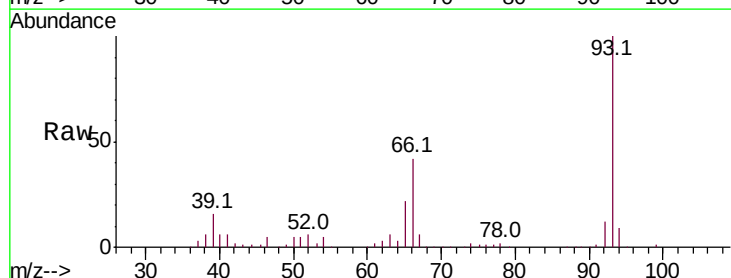
Tgt Ion: 93 Resp: 339216

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

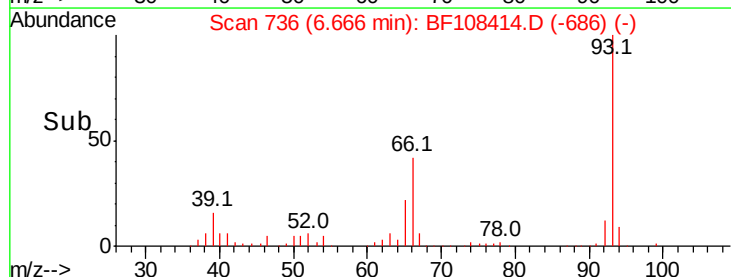
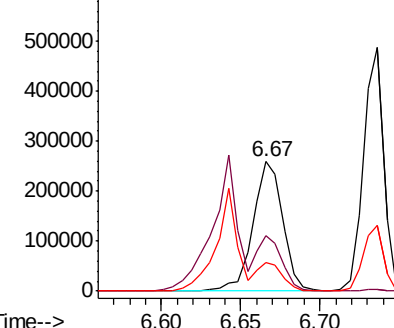
65 22.2 16.4 24.6

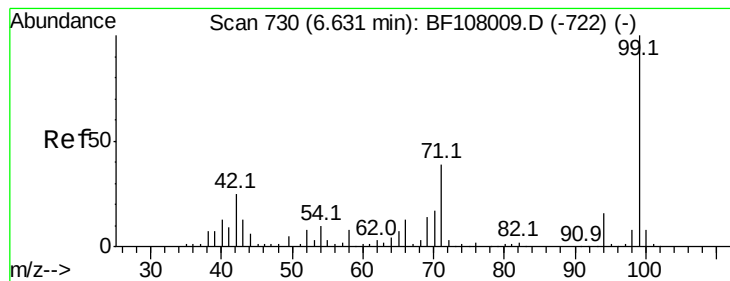


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.592 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

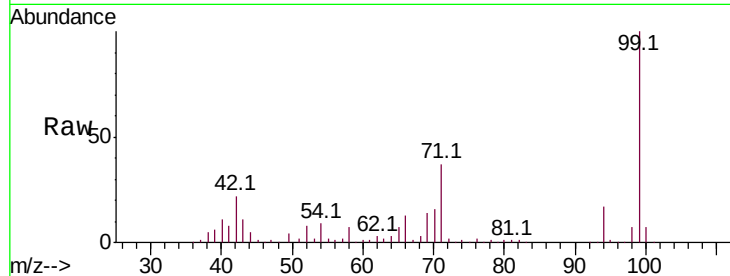
Instrument :

BNA_F

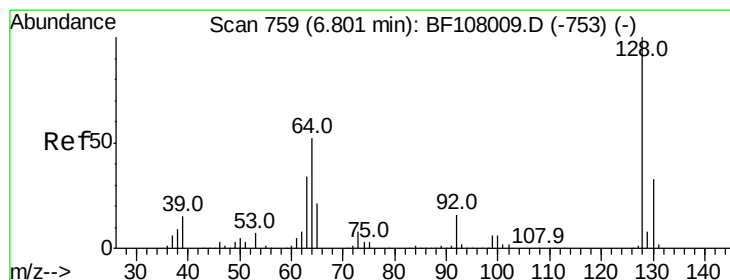
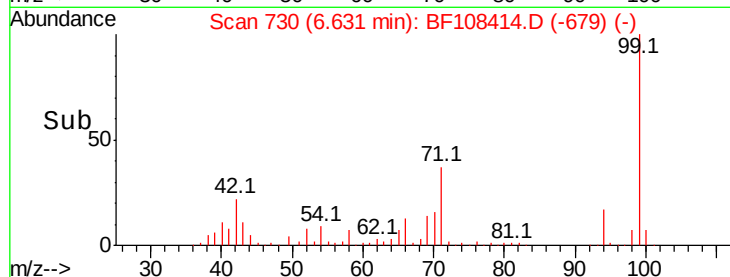
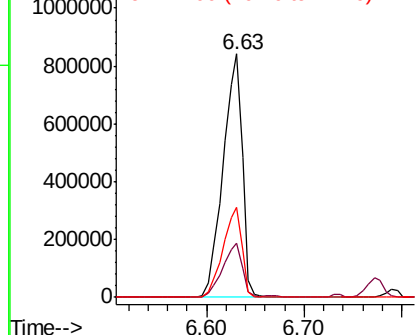
ClientSampleId :

Tot Ion: 99 Resp: 1143385

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	37.1	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: 45.512 ng

RT: 6.79 min Scan# 757

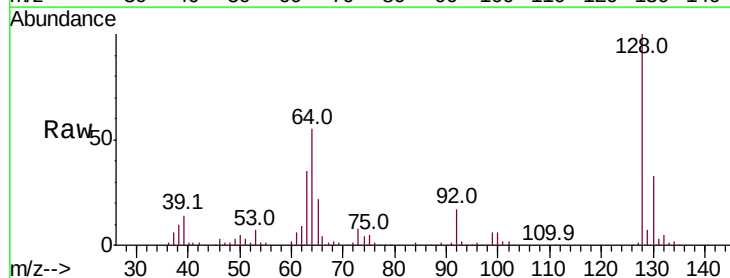
Delta R.T. -0.01 min

Lab File: BF108414.D

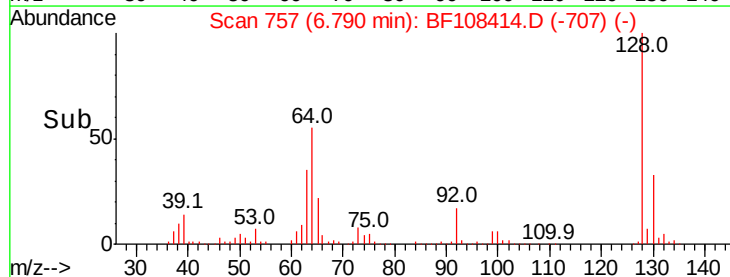
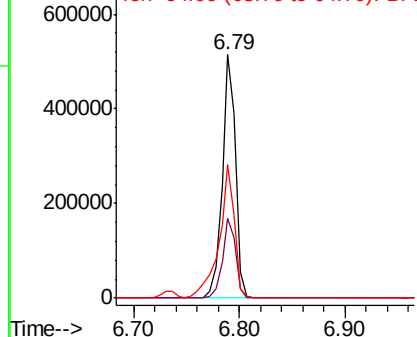
Acq: 23 Aug 2018 7:08

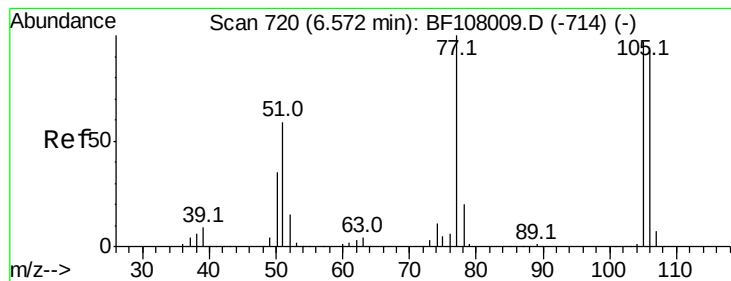
Tgt Ion: 128 Resp: 456600

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	54.9	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: 34.503 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

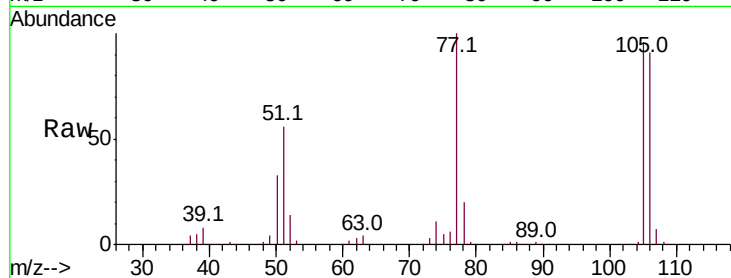
Tot Ion: 77 Resp: 316652

Ion Ratio Lower Upper

77 100

105 95.8 81.1 121.1

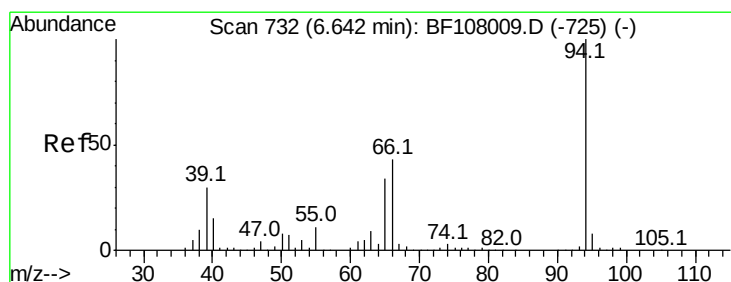
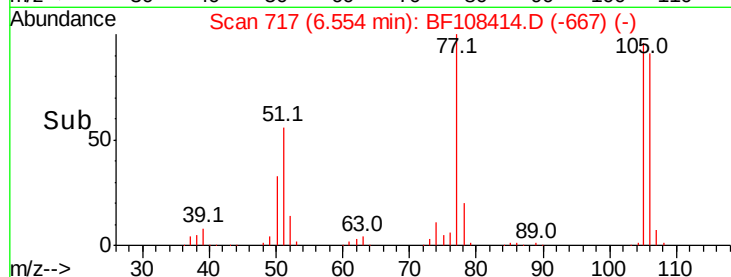
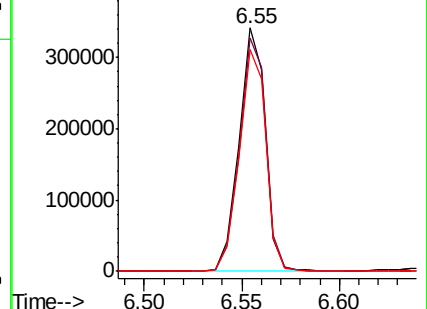
106 90.9 74.5 114.5



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: 46.321 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

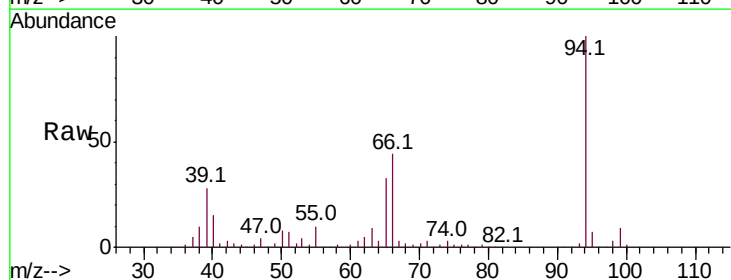
Tgt Ion: 94 Resp: 567163

Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

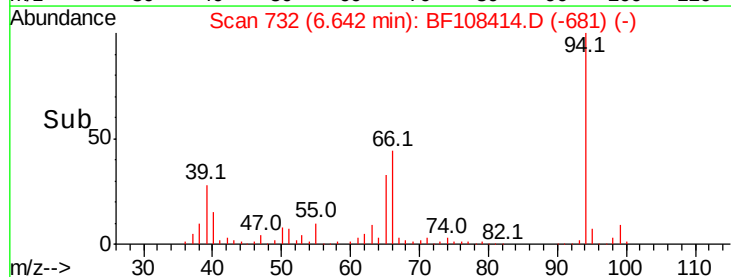
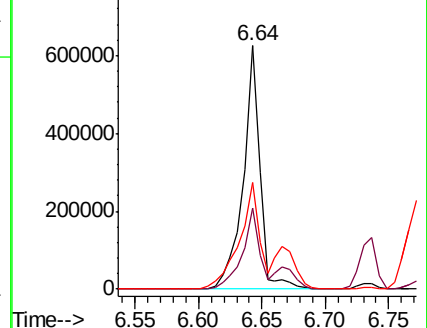
66 43.7 16.2 56.2

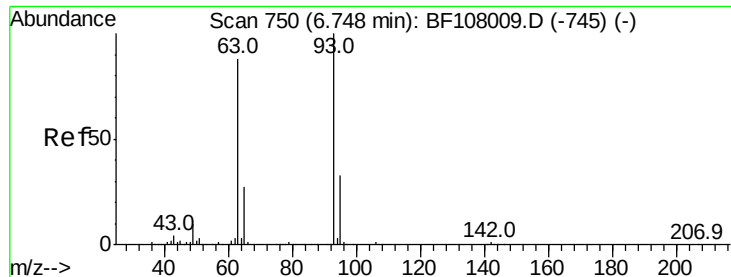


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

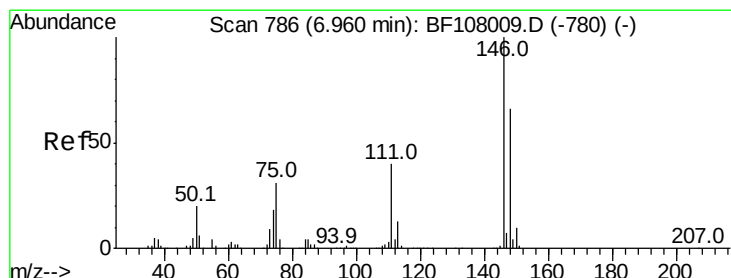
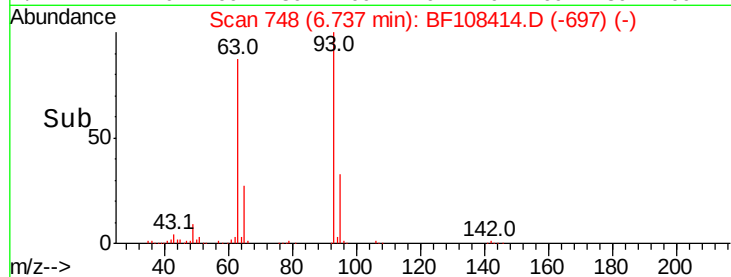
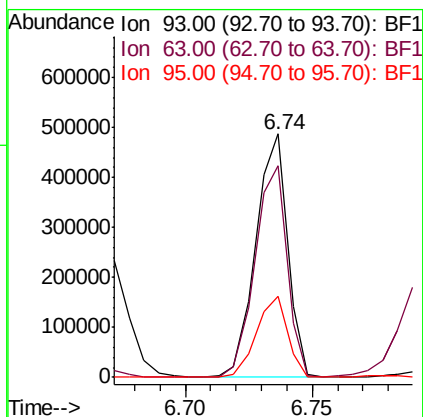
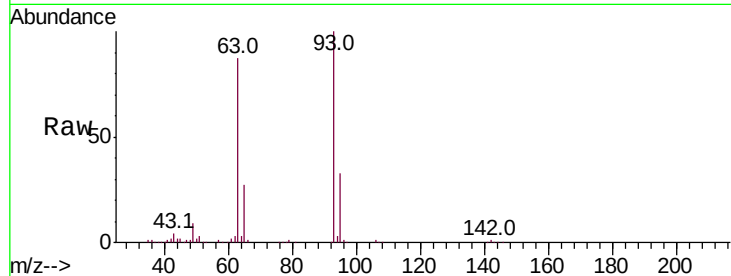




#11
bis(2-Chloroethyl)ether
Concen: 43.259 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

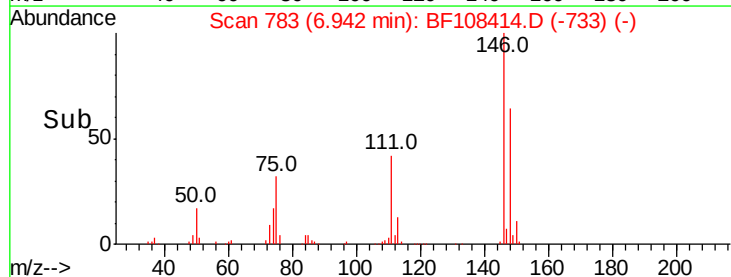
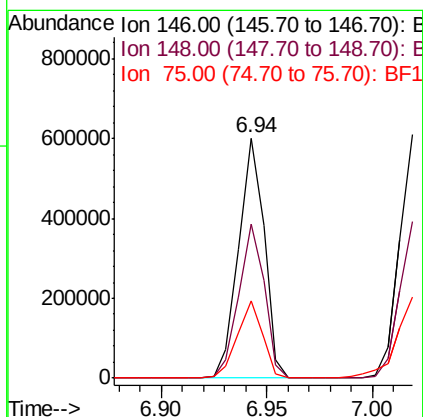
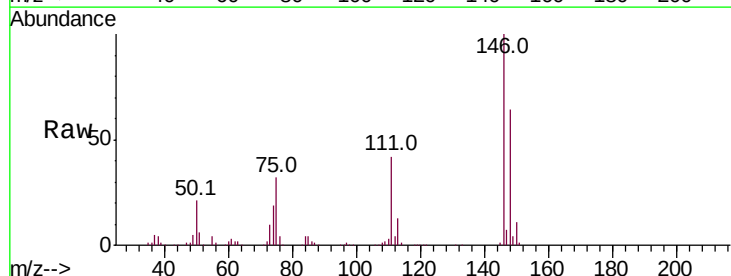
Instrument :
BNA_F
ClientSampleId :

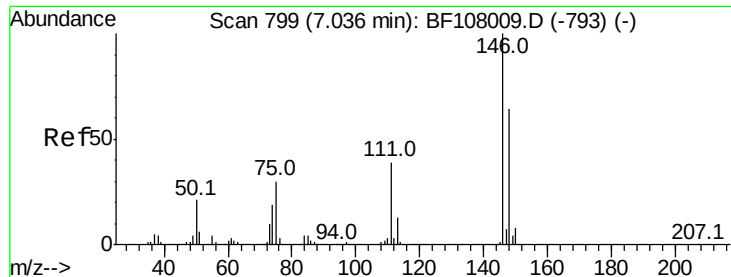
Tot Ion: 93 Resp: 428216
Ion Ratio Lower Upper
93 100
63 86.9 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.593 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion: 146 Resp: 505695
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 32.2 24.2 36.4

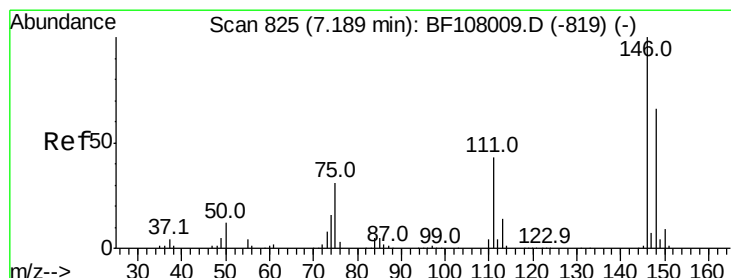
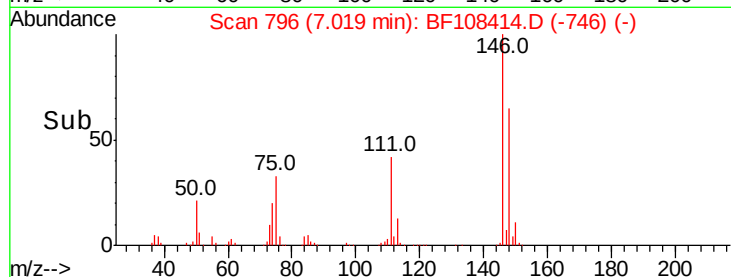
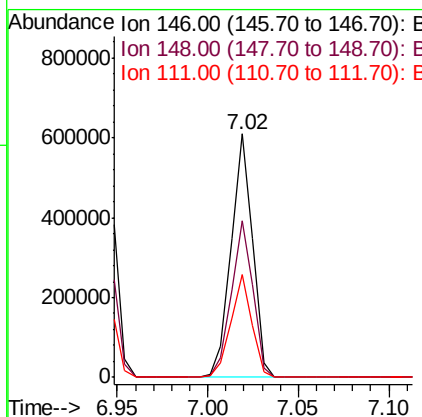
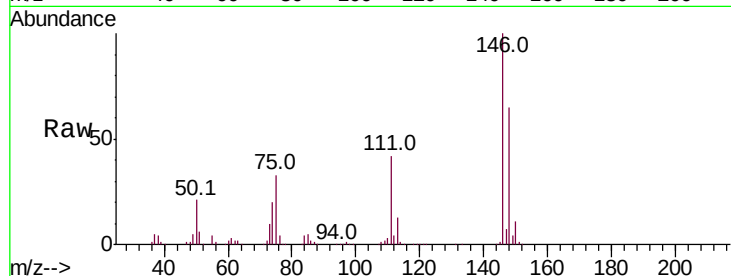




#13
 1,4-Dichlorobenzene
 Concen: 43.388 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

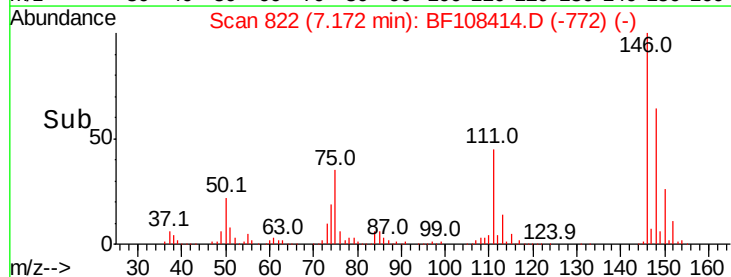
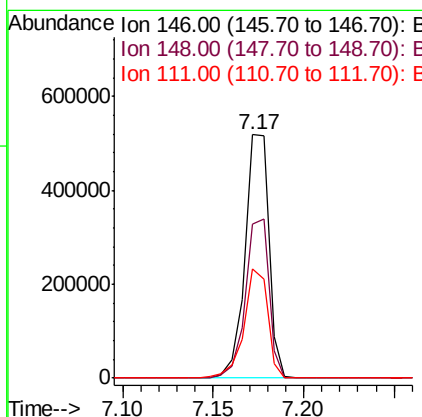
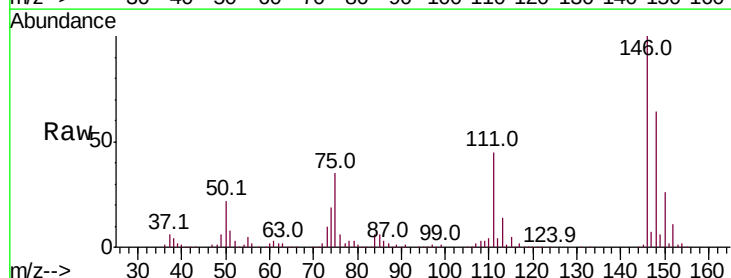
Instrument :
 BNA_F
 ClientSampleId :

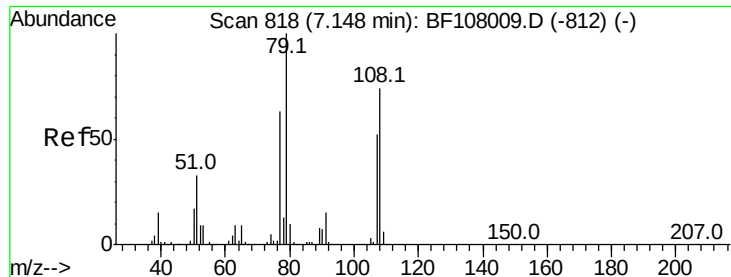
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	42.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.650 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	44.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.180 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

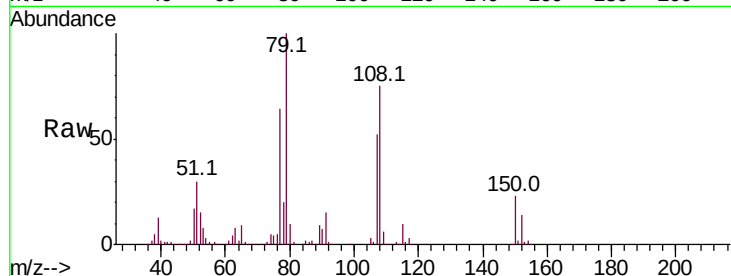
Tot Ion: 79 Resp: 420331

Ion Ratio Lower Upper

79 100

108 74.9 65.1 97.7

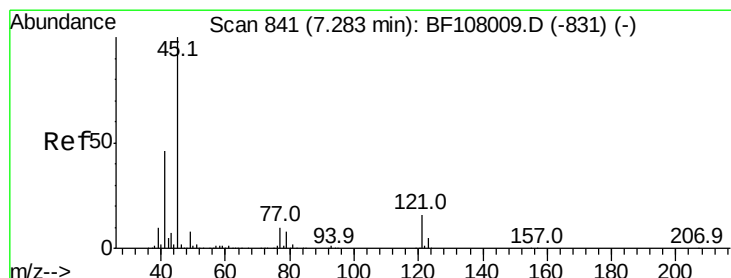
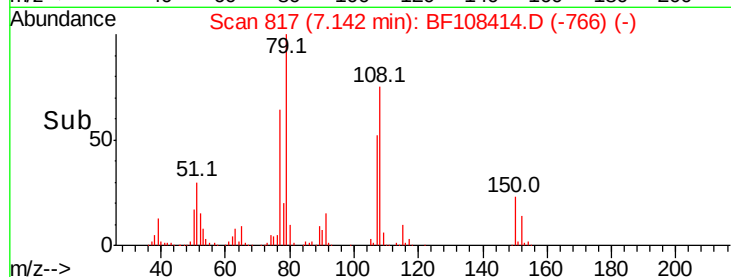
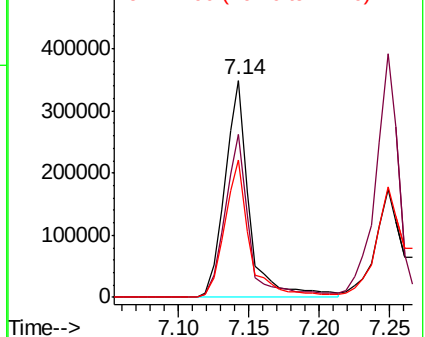
77 63.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.966 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

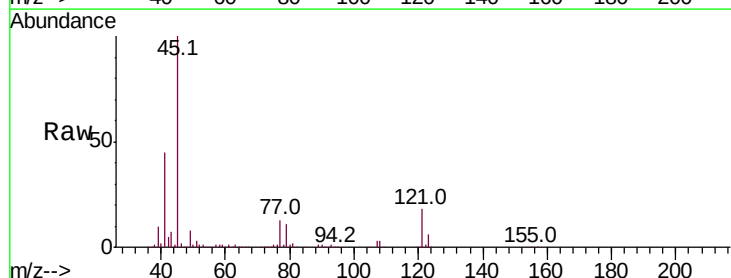
Tgt Ion: 45 Resp: 815009

Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.9

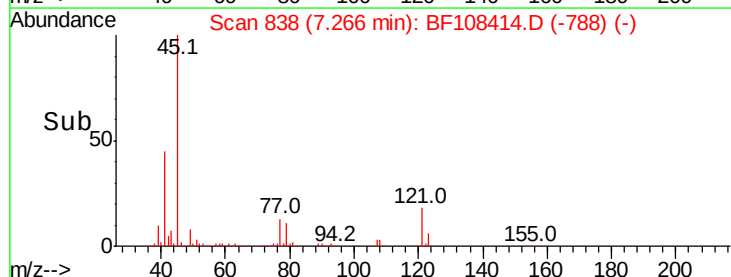
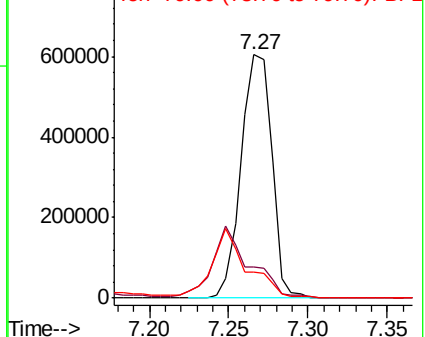
79 10.6 0.0 29.6

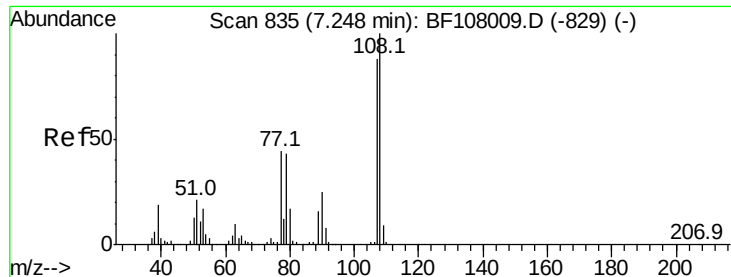


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

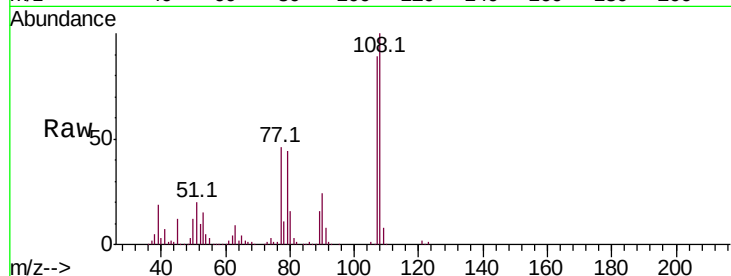




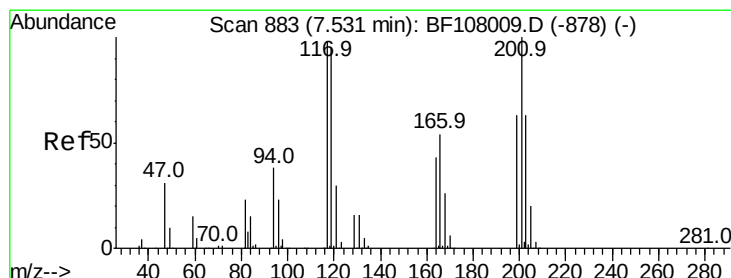
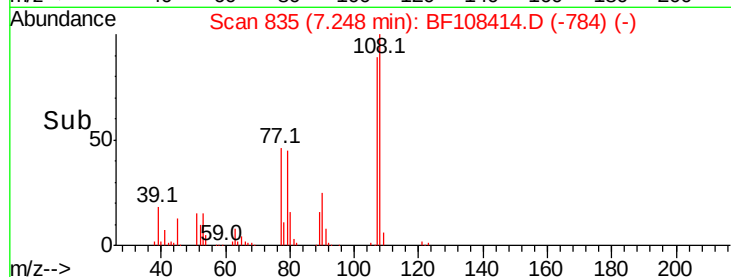
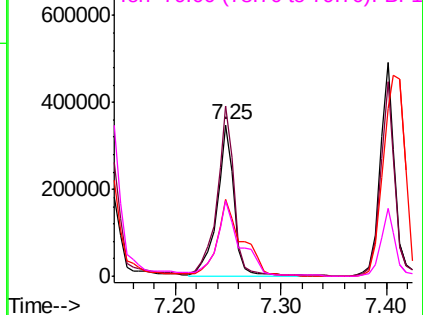
#17
2-Methylphenol
Concen: 46.576 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	51.3	33.8	50.8#
79	49.9	33.8	50.8

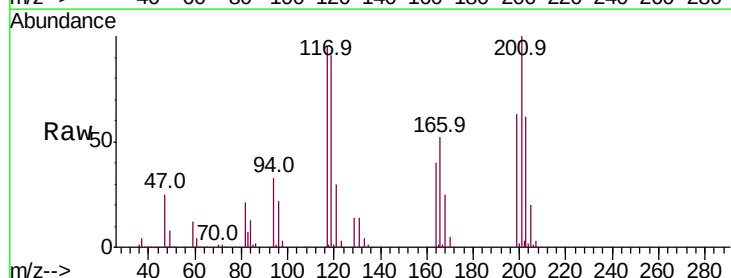


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

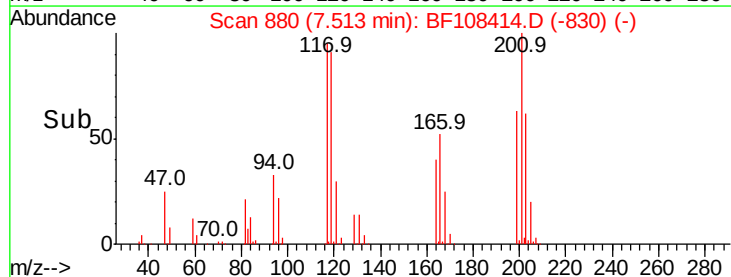
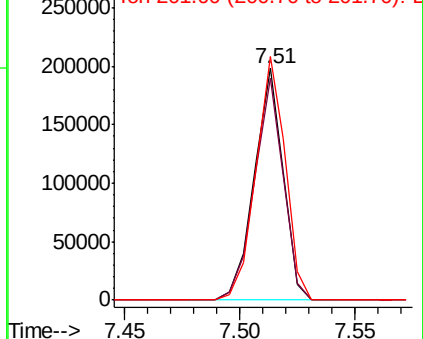


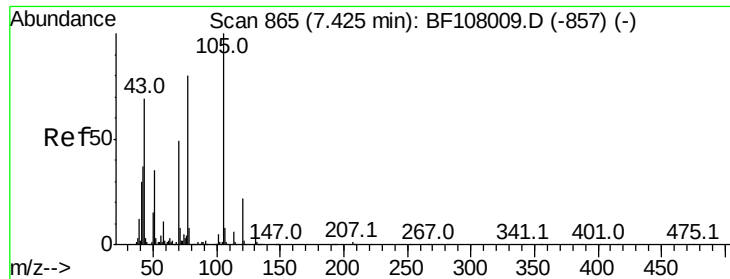
#18
Hexachloroethane
Concen: 41.691 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	104.9	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

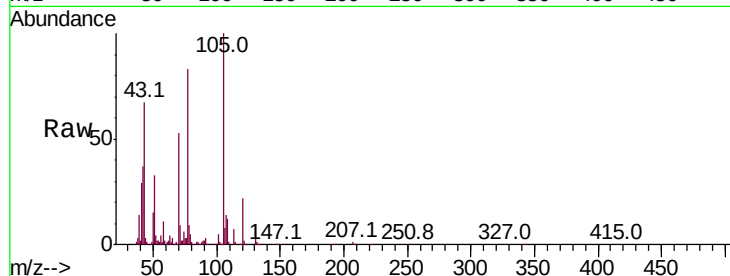




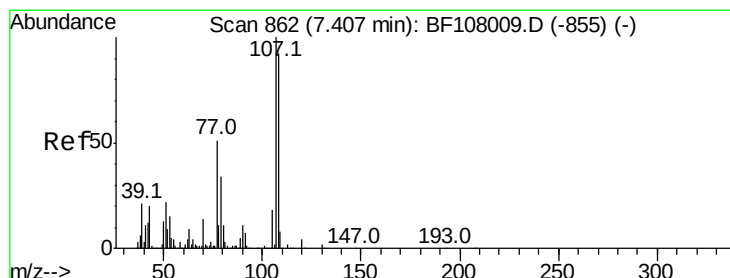
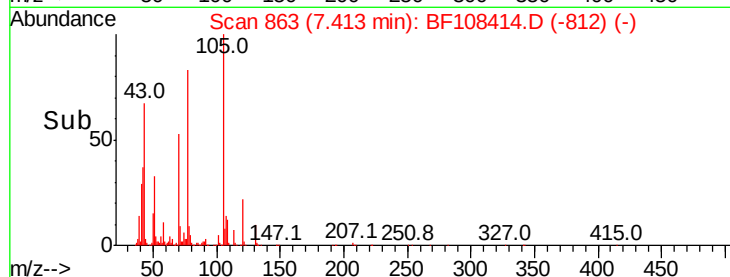
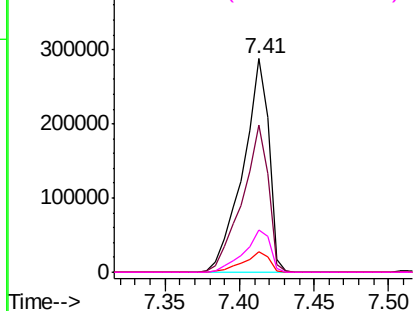
#19
n-Nitroso-di-n-propylamine
Concen: 43.210 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 345884
Ion Ratio Lower Upper
70 100
42 69.1 47.5 71.3
101 9.7 7.4 11.2
130 19.5 16.6 25.0

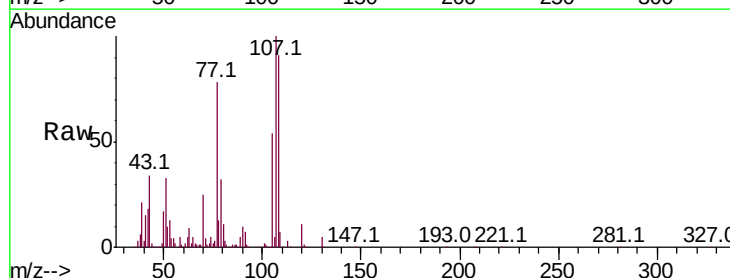


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

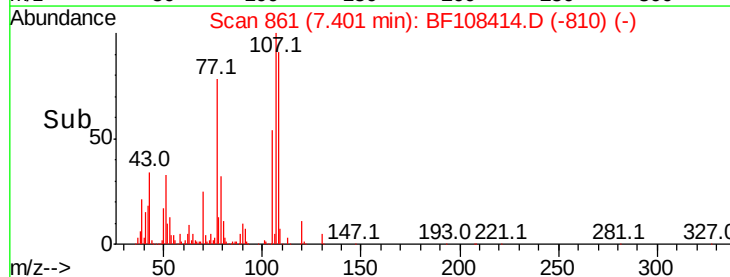
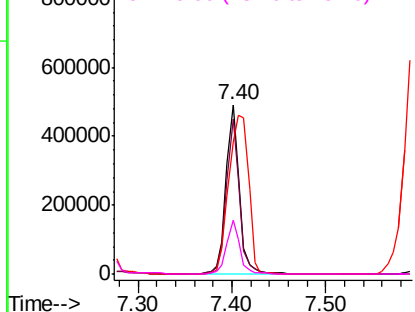


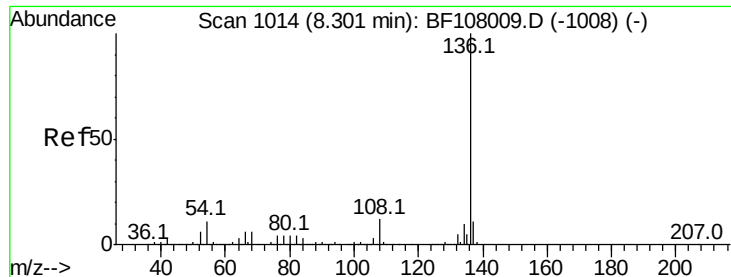
#20
3+4-Methylphenols
Concen: 43.832 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion:107 Resp: 483251
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 78.2 26.7 66.7#
79 31.7 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 584060

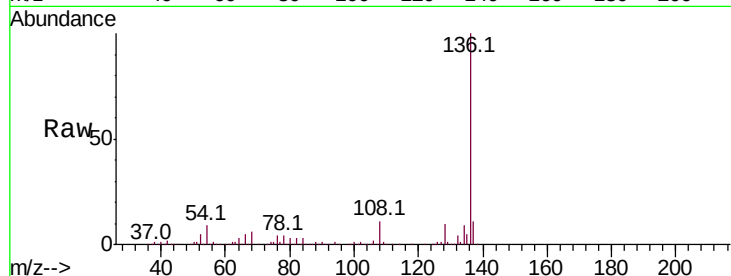
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 6.6 9.8

68 5.6 5.0 7.4

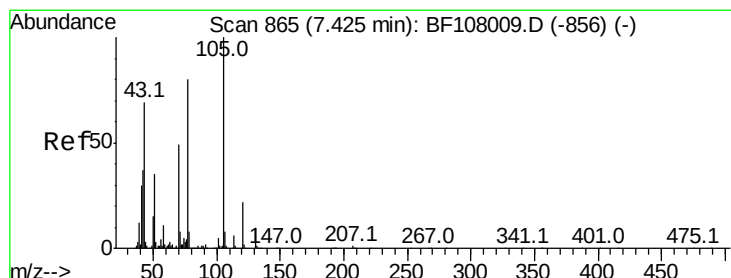
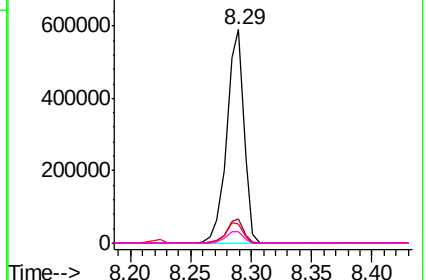
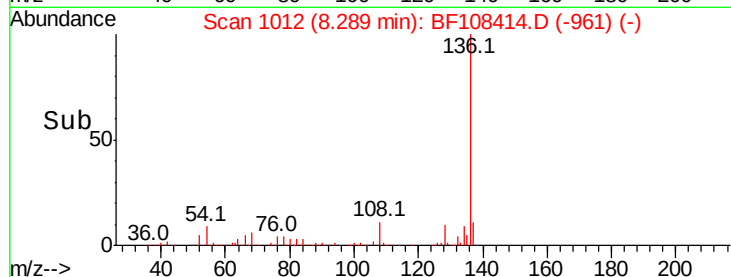


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.274 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:105 Resp: 645617

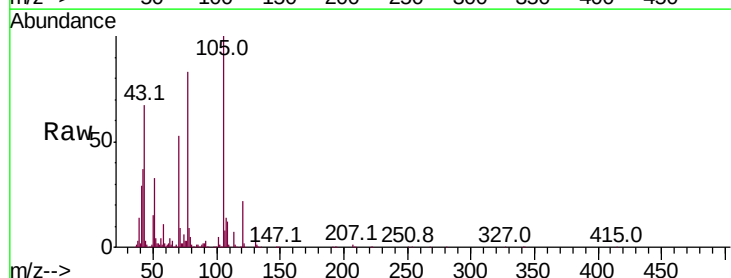
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 33.3 22.3 33.5

120 21.6 16.9 25.3

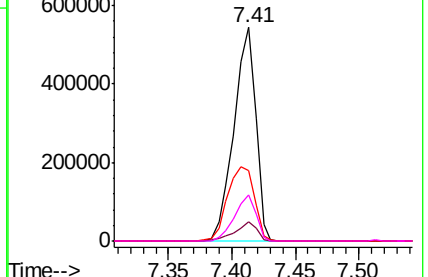
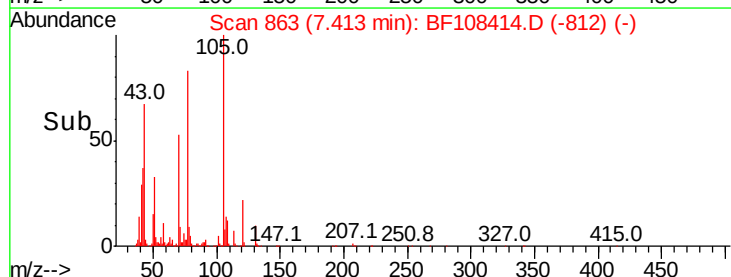


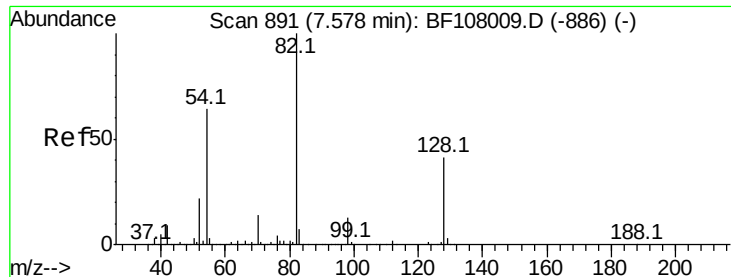
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



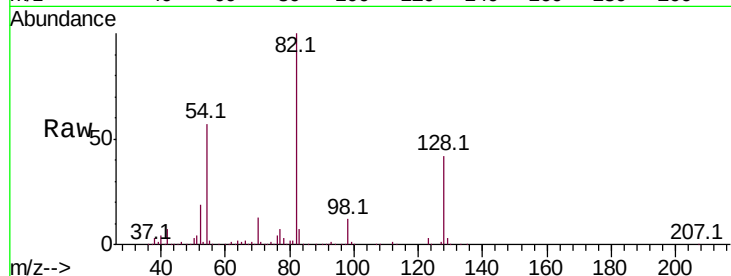


#23
 Nitrobenzene-d5
 Concen: 104.348 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

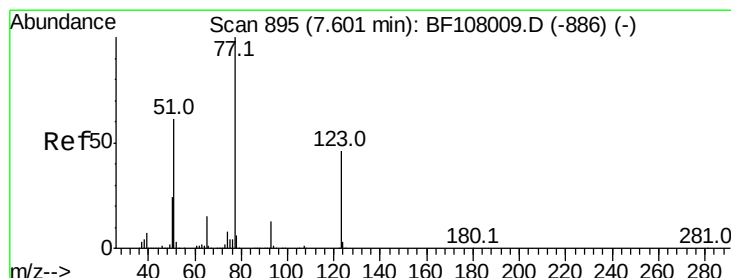
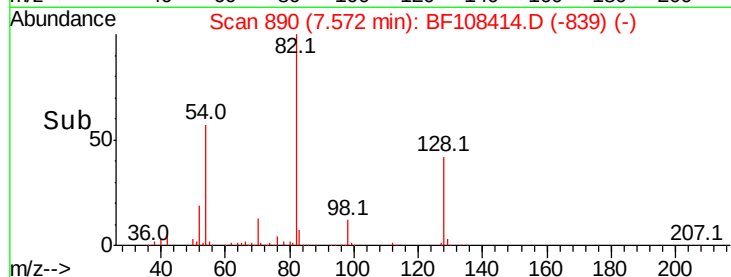
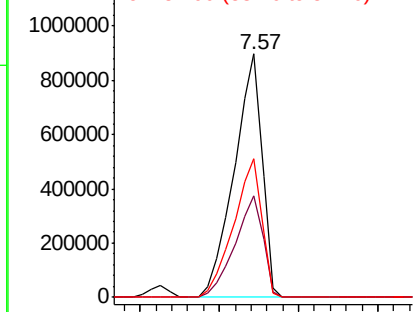
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1092184

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	57.1	41.4	62.2



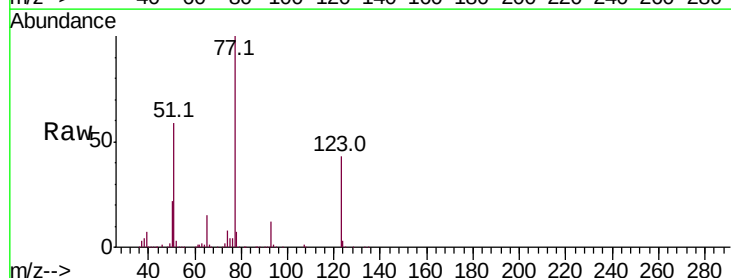
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



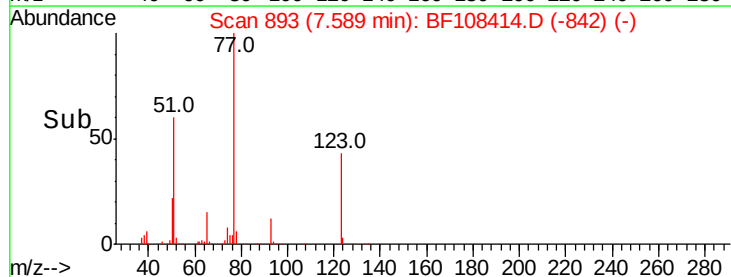
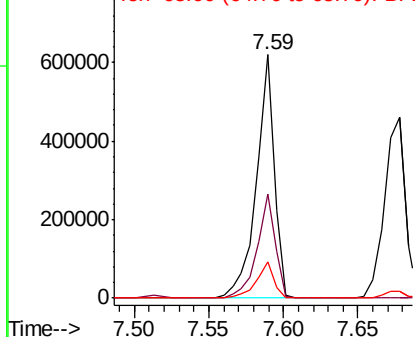
#24
 Nitrobenzene
 Concen: 48.353 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

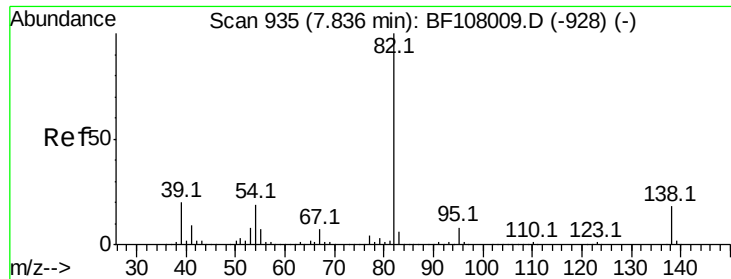
Tgt Ion: 77 Resp: 511779

Ion	Ratio	Lower	Upper
77	100		
123	43.0	37.9	56.9
65	14.7	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: 47.279 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

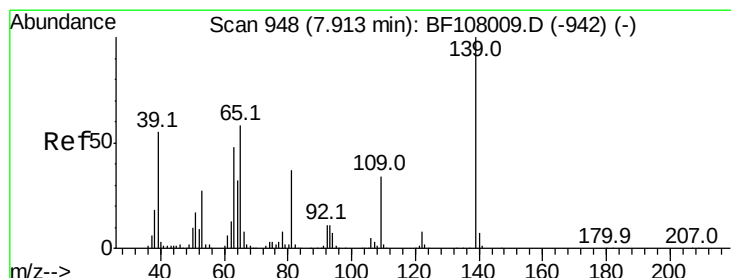
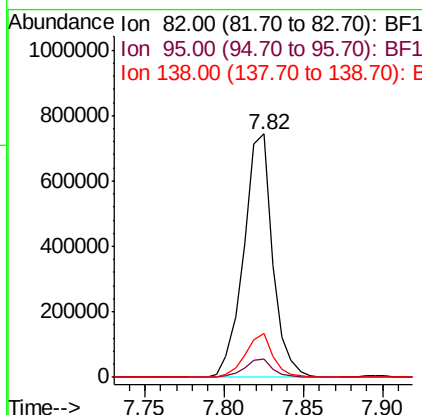
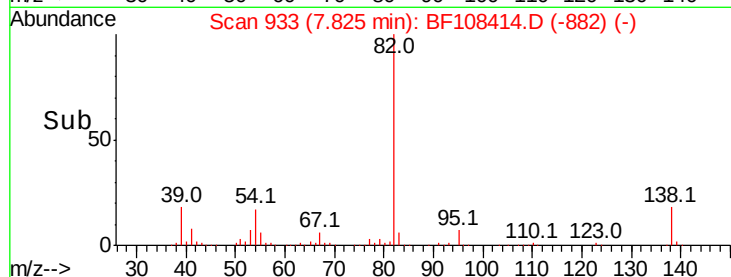
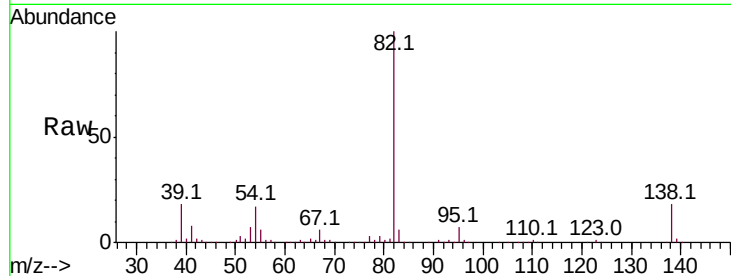
Tot Ion: 82 Resp: 943221

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 49.129 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

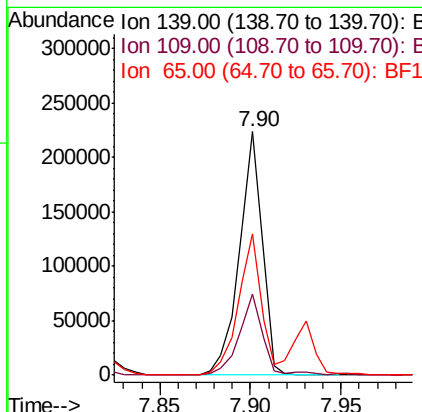
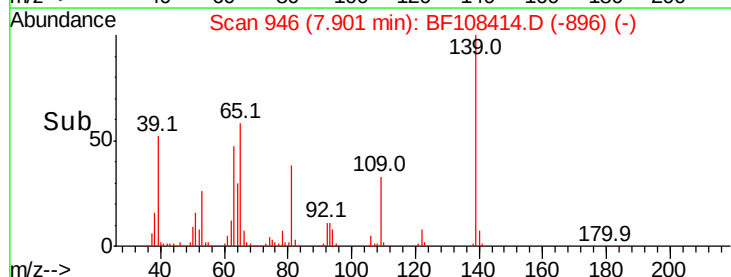
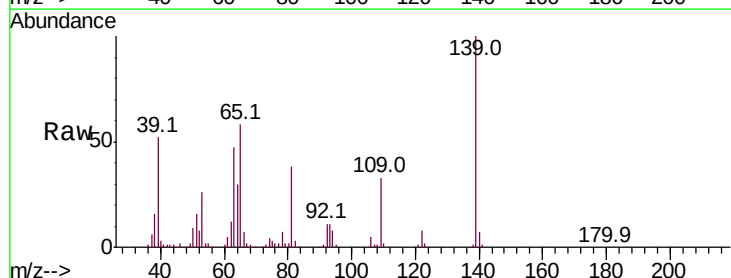
Tgt Ion: 139 Resp: 196373

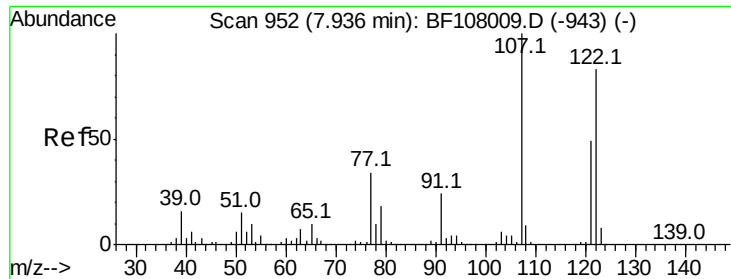
Ion Ratio Lower Upper

139 100

109 33.3 22.7 34.1

65 58.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.411 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

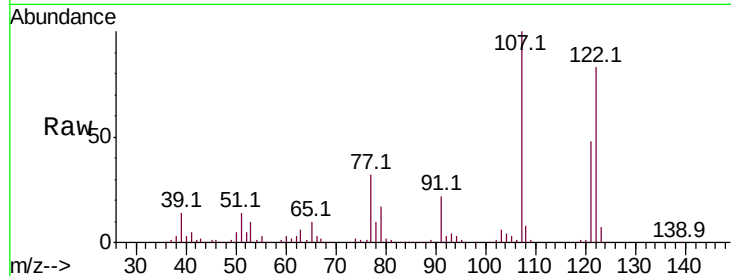
Tot Ion:122 Resp: 419797

Ion Ratio Lower Upper

122 100

107 120.7 91.2 136.8

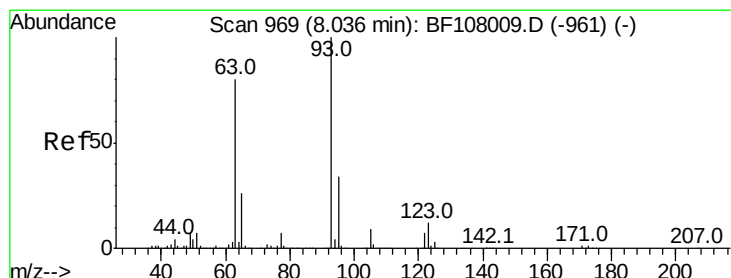
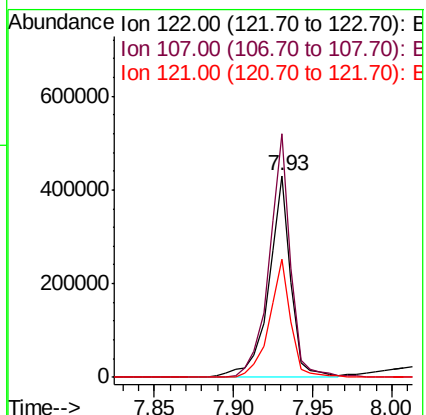
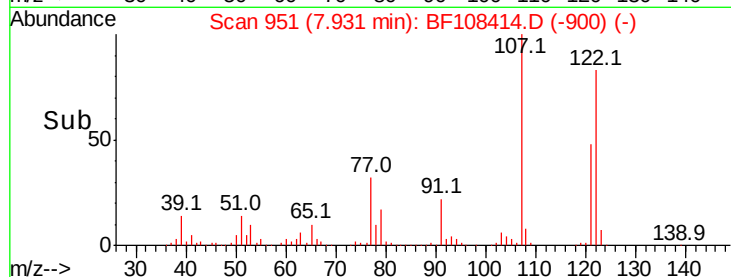
121 58.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.224 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

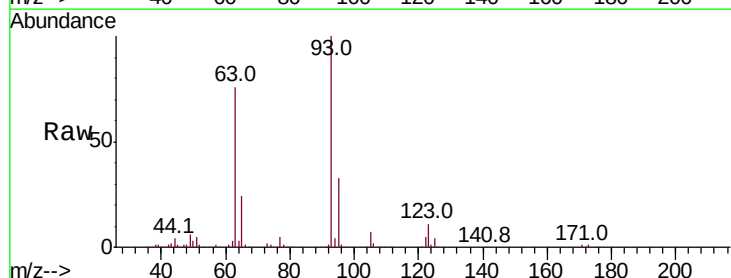
Tgt Ion: 93 Resp: 561630

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

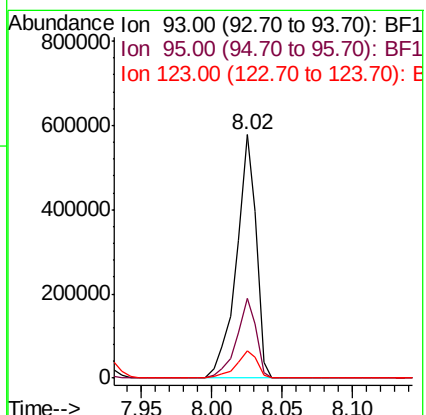
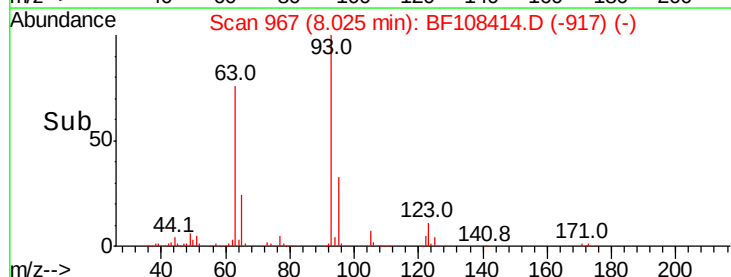
123 11.1 9.8 14.6

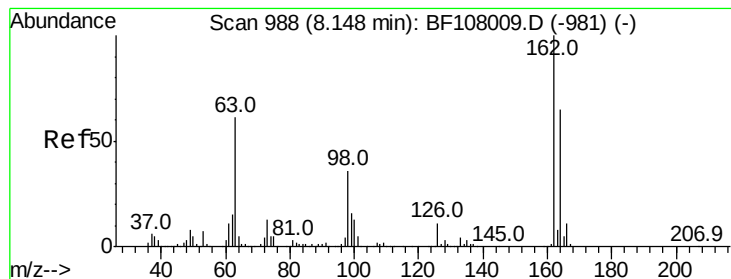


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.516 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

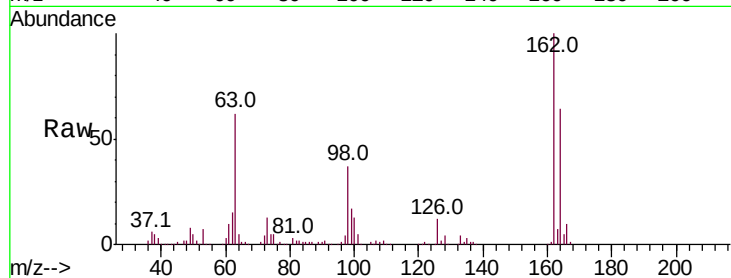
Tot Ion:162 Resp: 395326

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

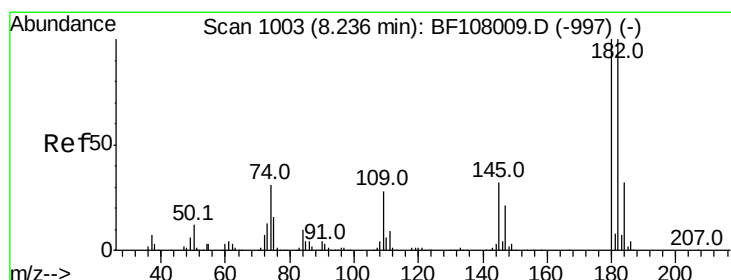
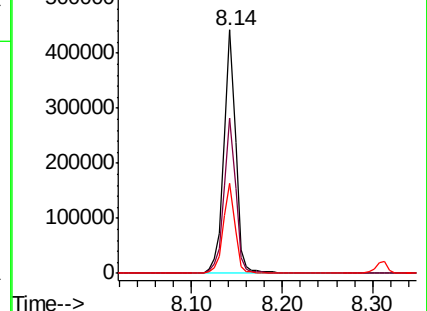
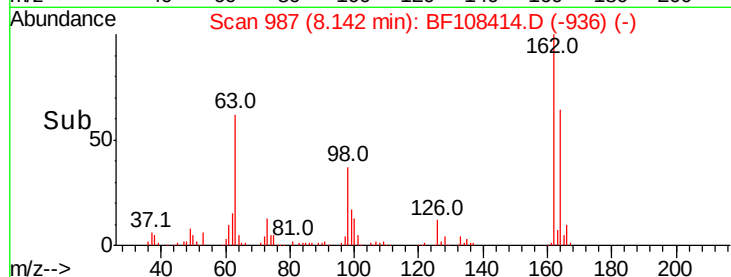
98 36.9 18.1 58.1



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: 47.788 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

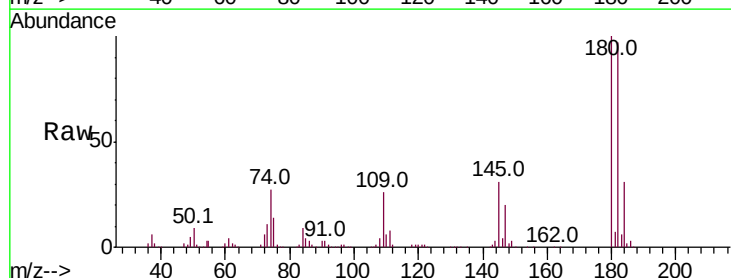
Tgt Ion:180 Resp: 429320

Ion Ratio Lower Upper

180 100

182 97.0 76.8 115.2

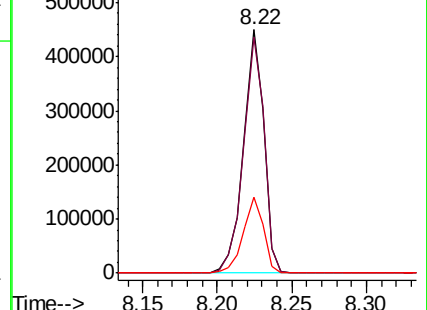
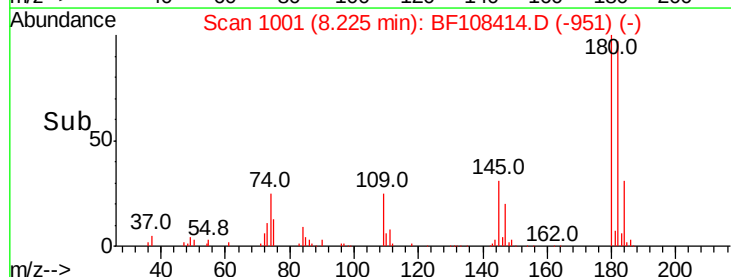
145 31.4 26.5 39.7

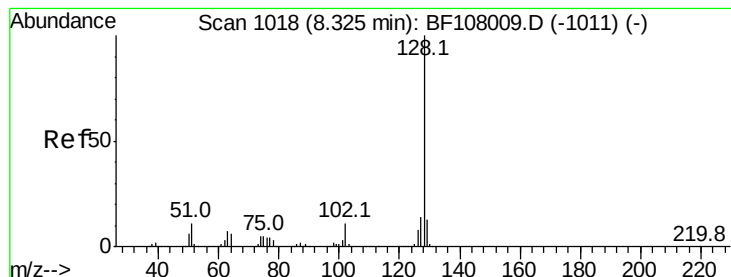


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.883 ng

RT: 8.31 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

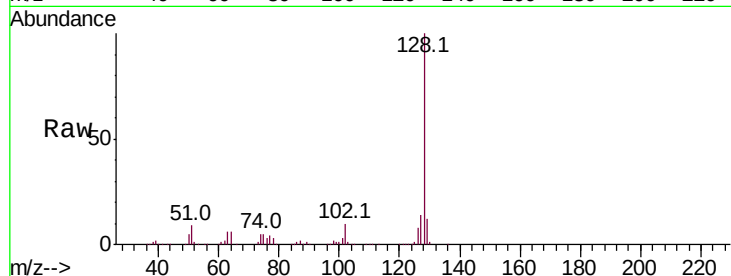
Tot Ion:128 Resp: 1271864

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

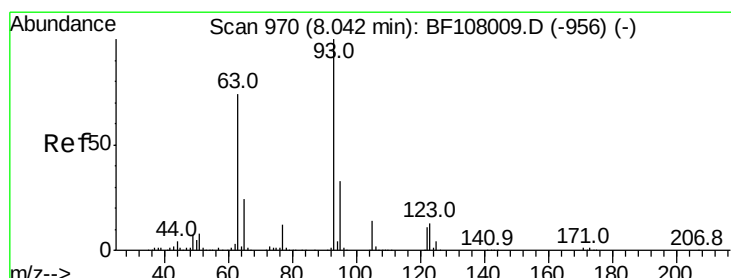
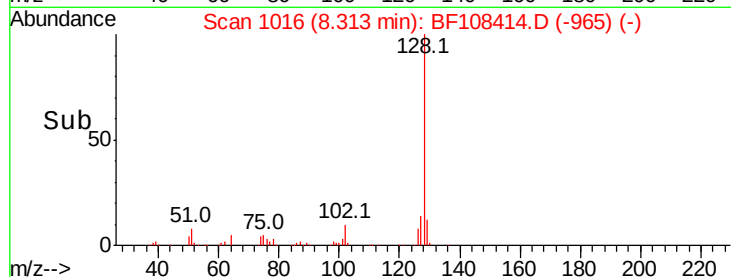
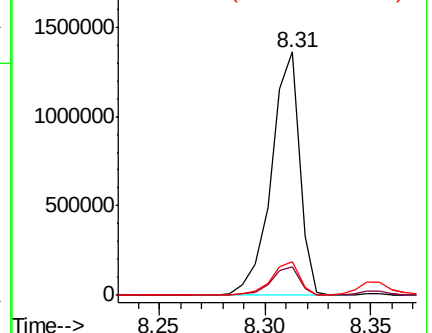
127 13.9 10.9 16.3



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: 21.443 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

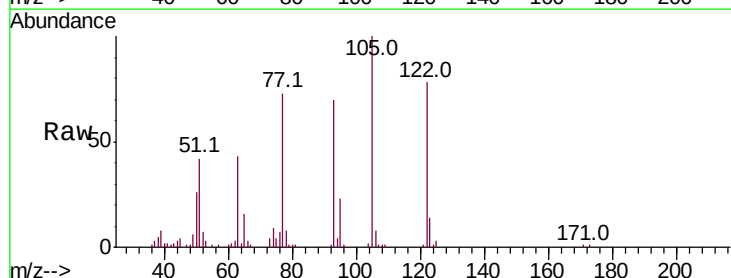
Tgt Ion:122 Resp: 90778

Ion Ratio Lower Upper

122 100

105 127.7 101.1 141.1

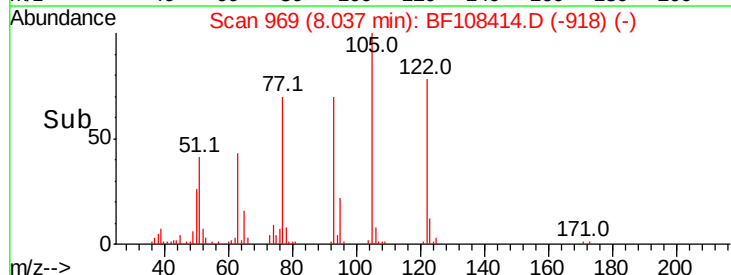
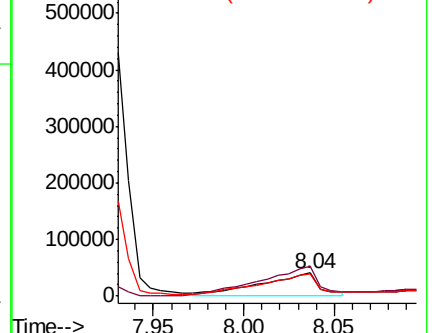
77 92.7 70.7 110.7

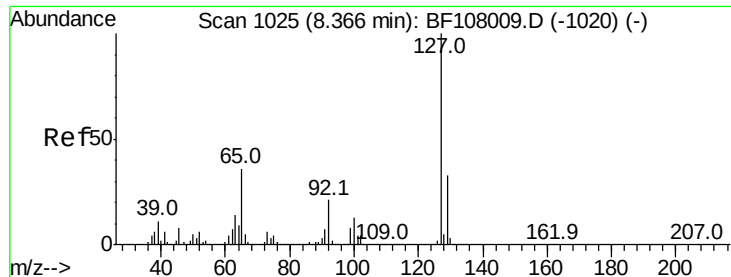


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

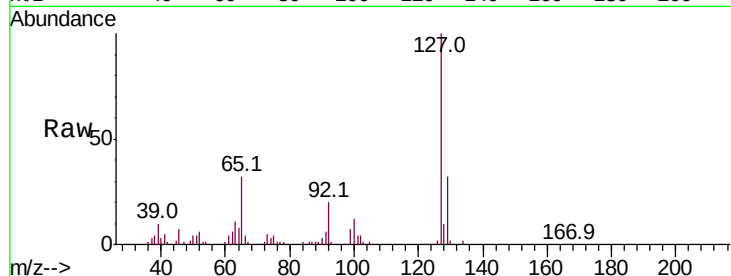




#33
4-Chloroaniline
Concen: 8.232 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	95291
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	31.5	25.0	37.4
92	19.5	15.2	22.8



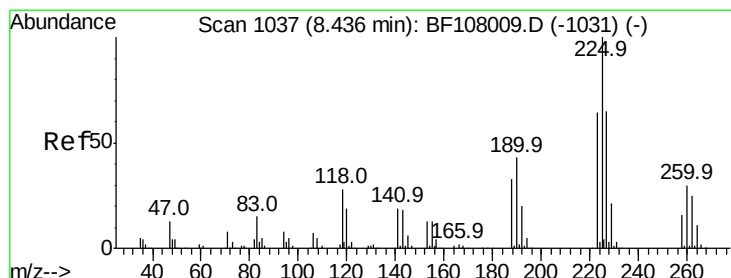
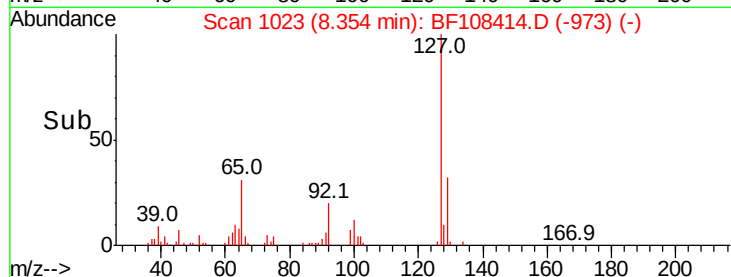
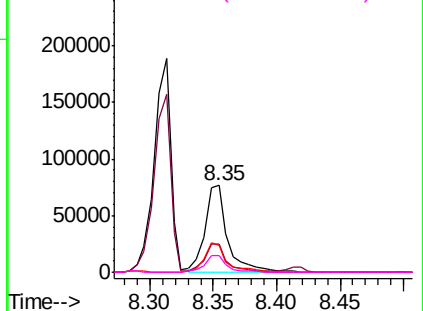
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

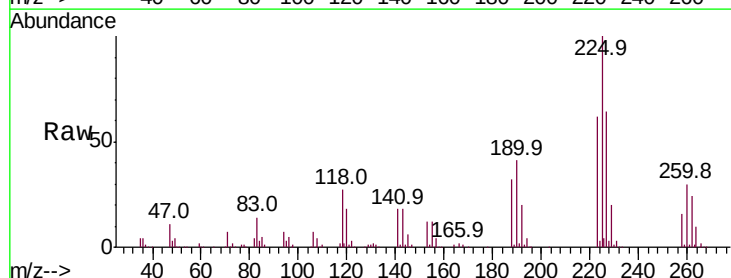
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 49.420 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion:	225	Resp:	281067
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	63.7	51.9	77.9

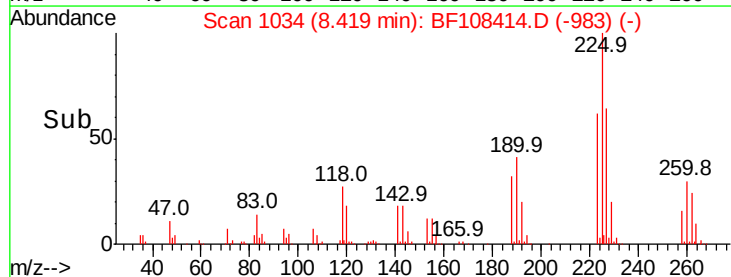
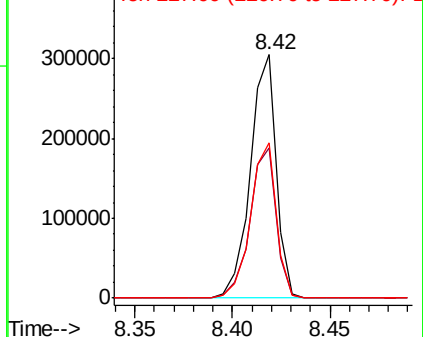


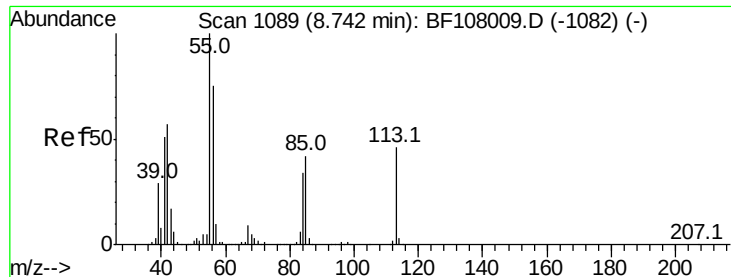
Abundance

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: 44.457 ng

RT: 8.74 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

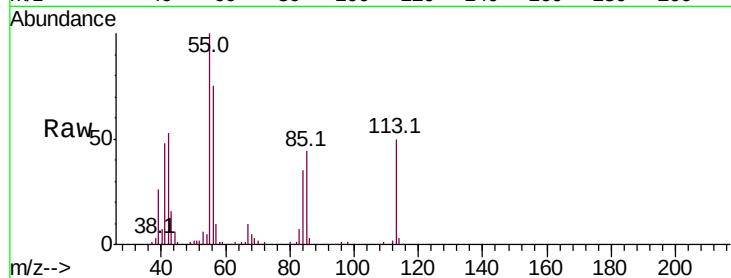
Tot Ion:113 Resp: 113521

Ion Ratio Lower Upper

113 100

55 198.4 163.3 203.3

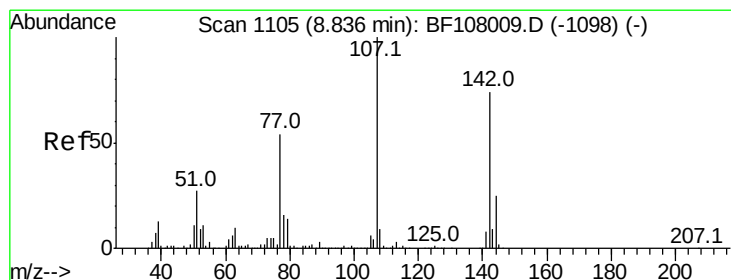
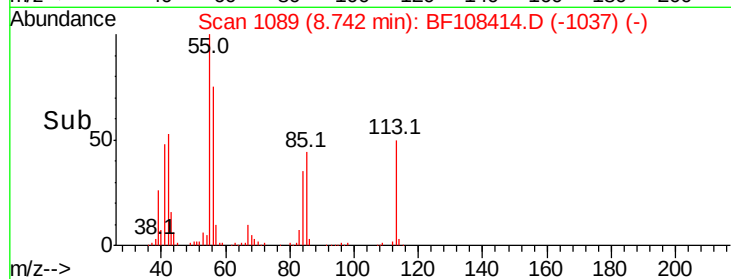
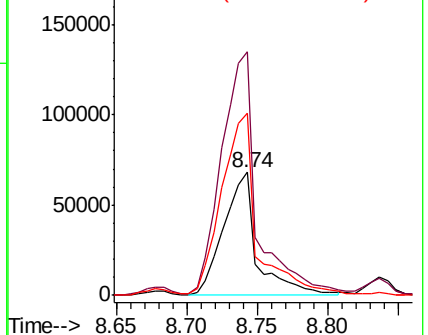
56 148.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.839 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

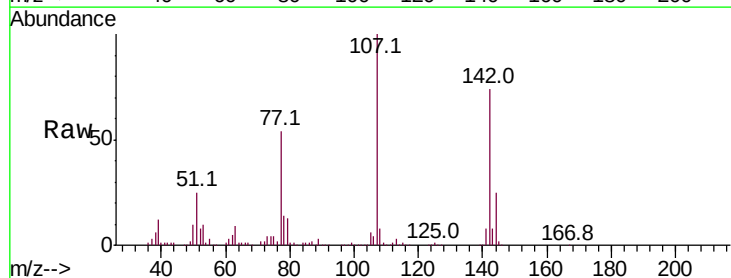
Tgt Ion:107 Resp: 411733

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

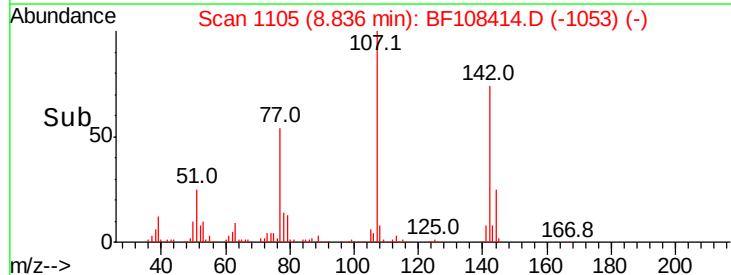
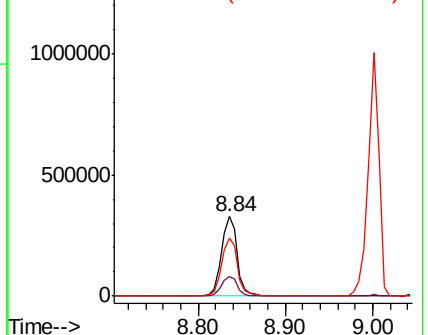
142 73.6 62.0 93.0

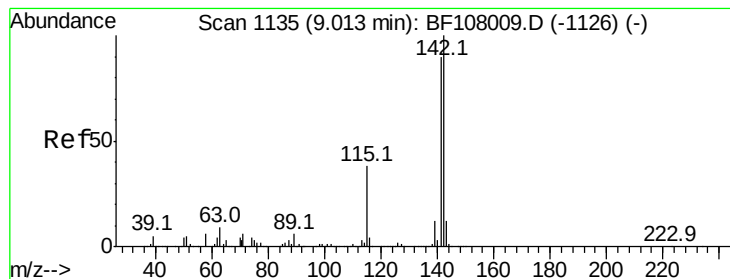


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.591 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

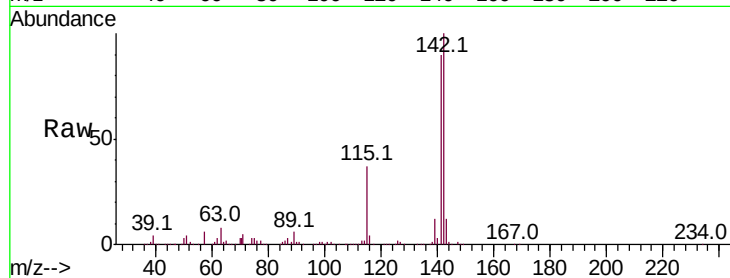
Tot Ion:142 Resp: 875578

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2

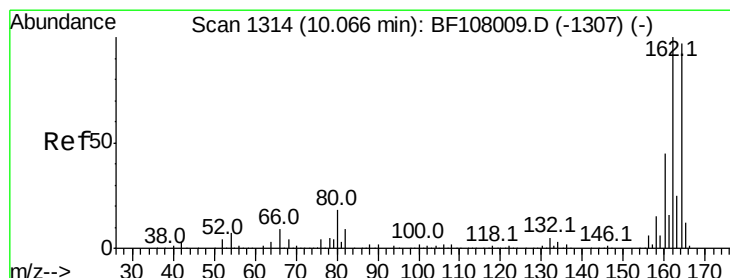
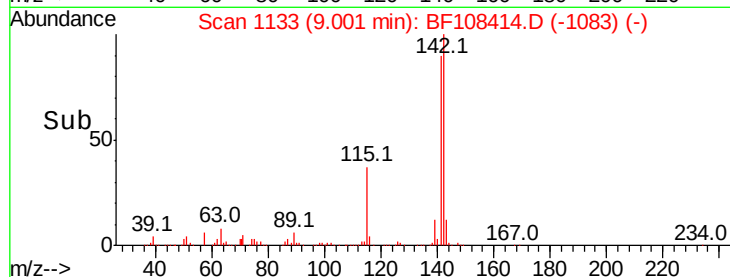
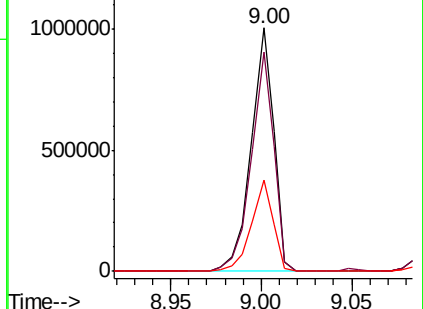
115 37.3 26.1 39.1



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: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

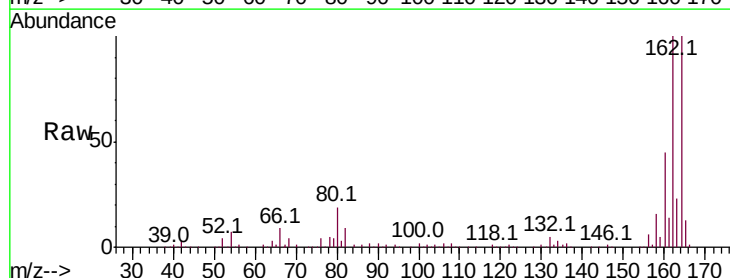
Tgt Ion:164 Resp: 280894

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

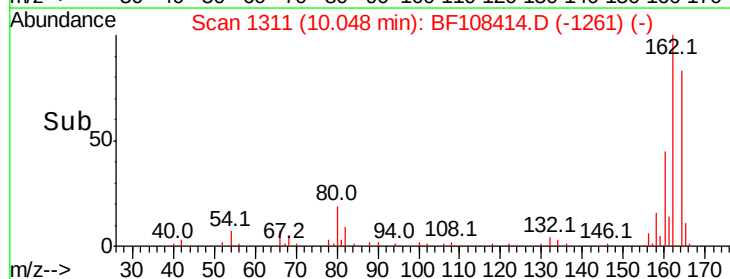
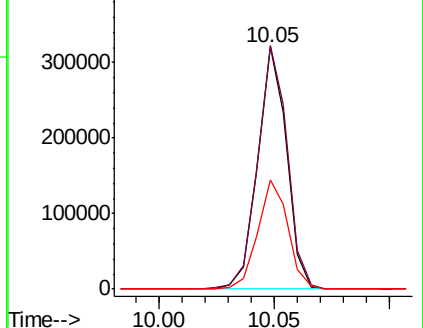
160 45.1 38.3 57.5

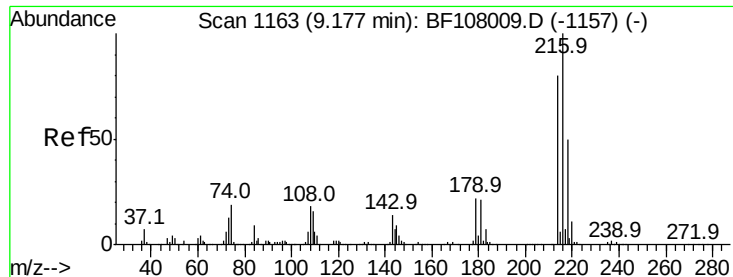


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

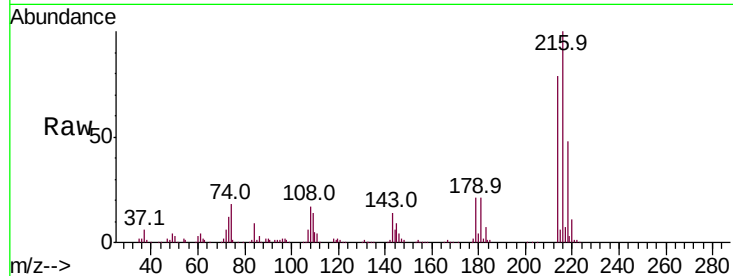




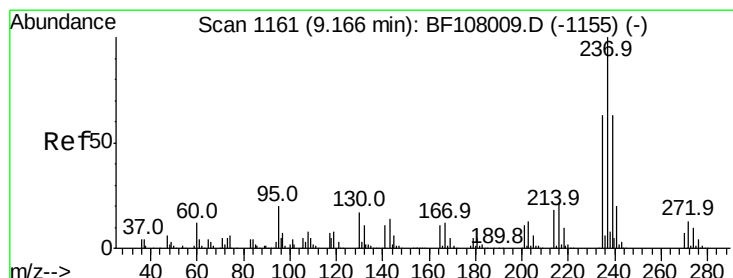
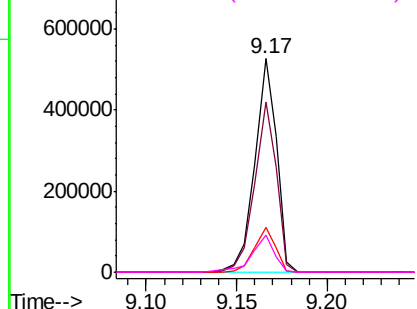
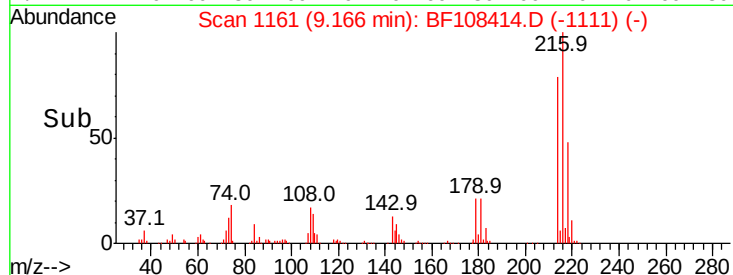
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.038 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	440254
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.7	18.1	27.1
108	17.6	17.2	25.8

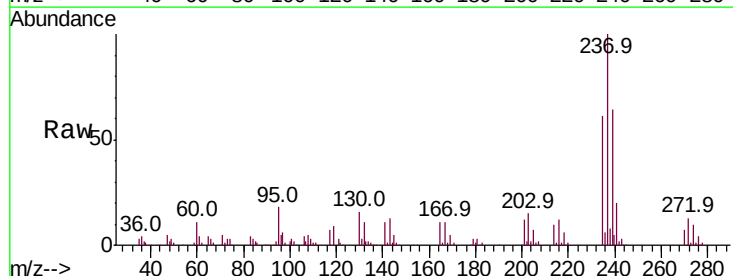


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

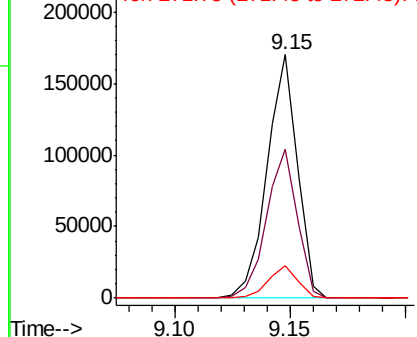
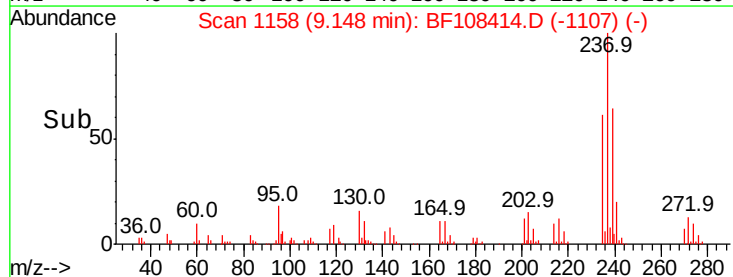


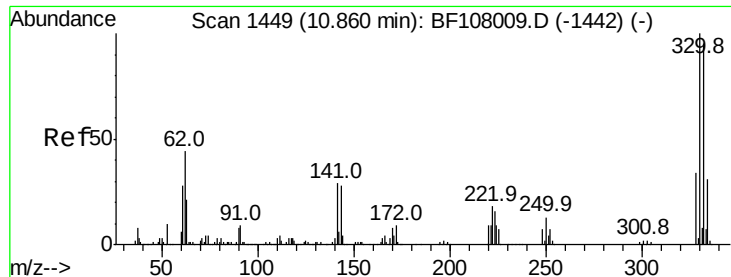
#40
 Hexachlorocyclopentadiene
 Concen: 27.833 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion:	237	Resp:	155074
Ion	Ratio	Lower	Upper
237	100		
235	61.1	44.8	84.8
272	13.1	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

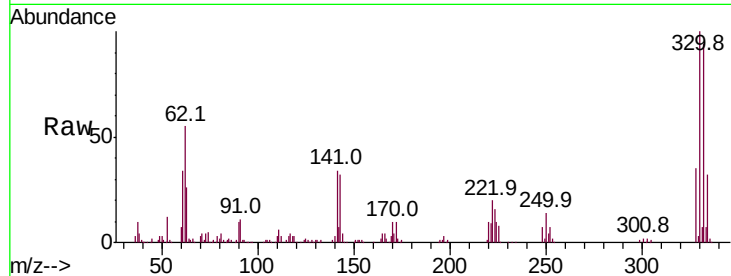




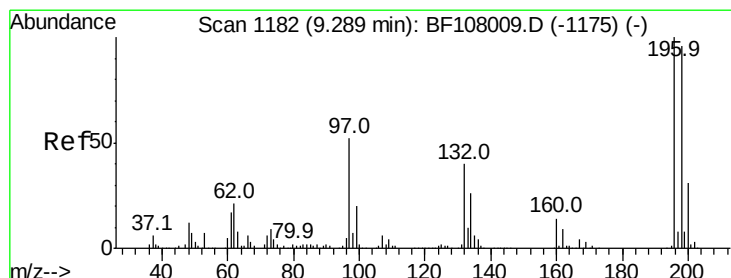
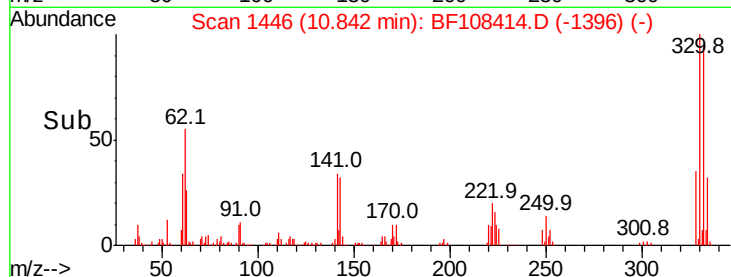
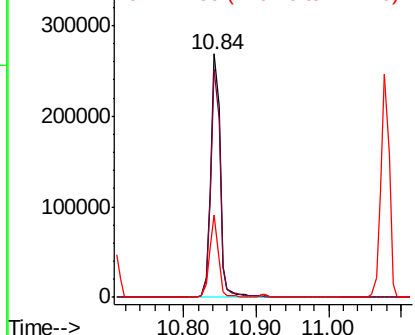
#41
 2,4,6-Tribromophenol
 Concen: 88.046 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 246690
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 31.0 29.9 44.9

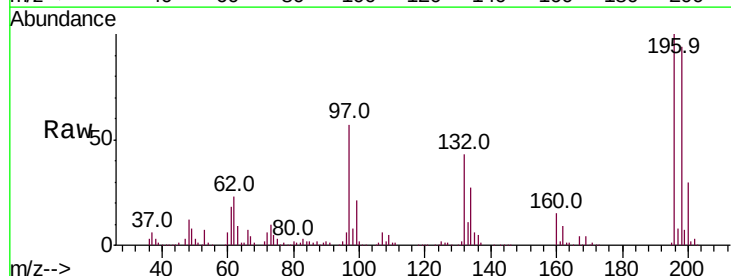


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

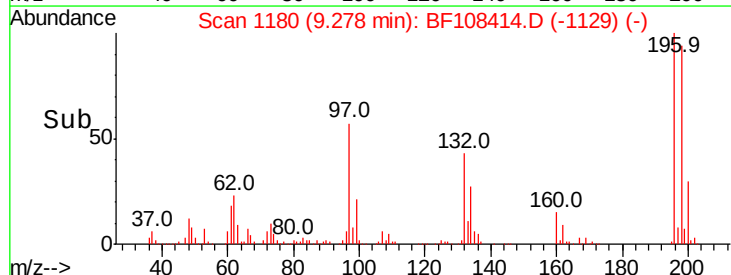
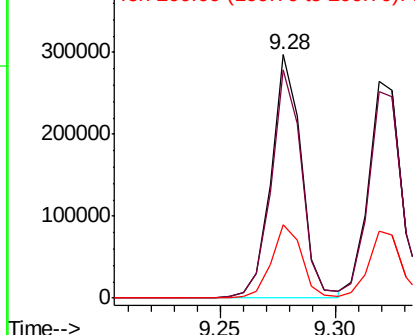


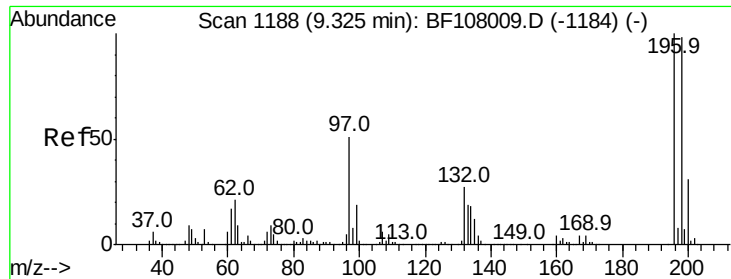
#42
 2,4,6-Trichlorophenol
 Concen: 50.406 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion:196 Resp: 269817
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 30.0 24.5 36.7



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

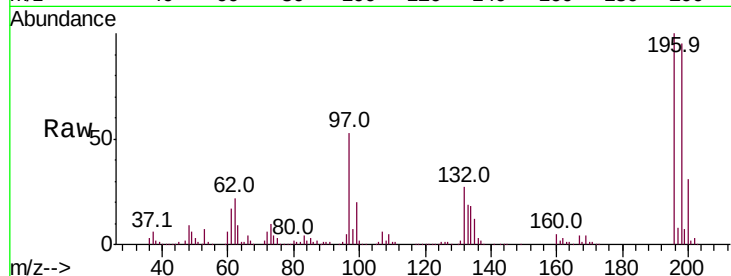




#43
 2,4,5-Trichlorophenol
 Concen: 46.728 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	275348
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	52.9	42.9	64.3
132	27.4	26.3	39.5



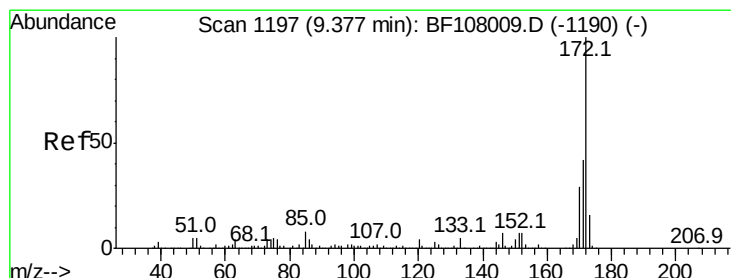
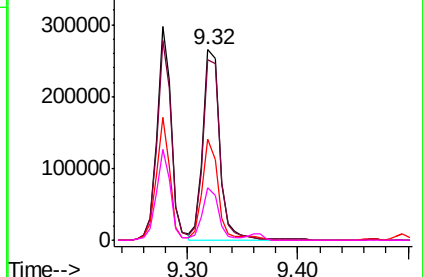
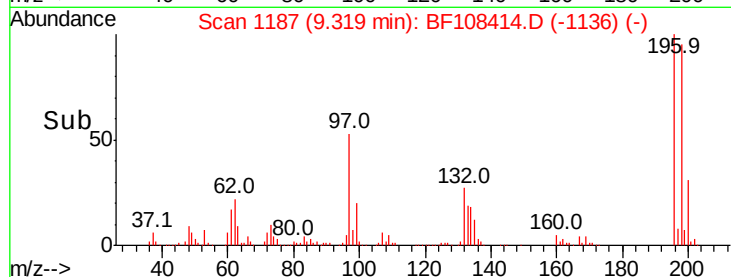
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

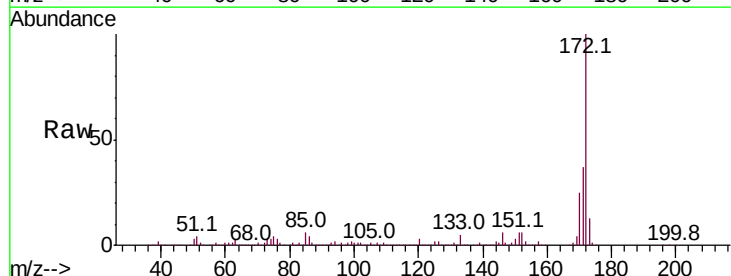
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.788 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion:	172	Resp:	1903358
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.0	19.6	29.4

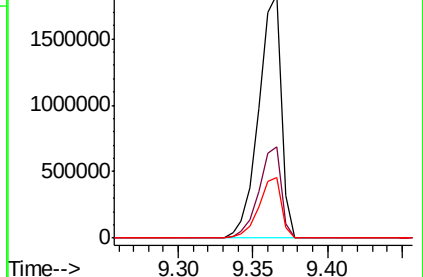
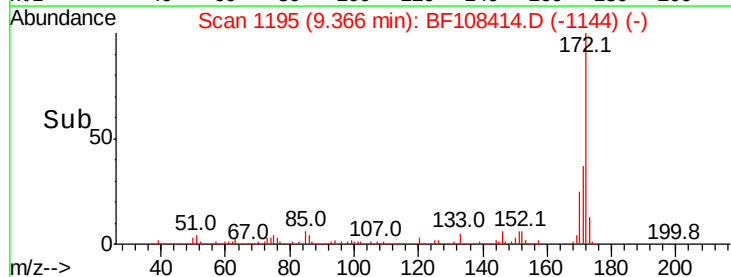


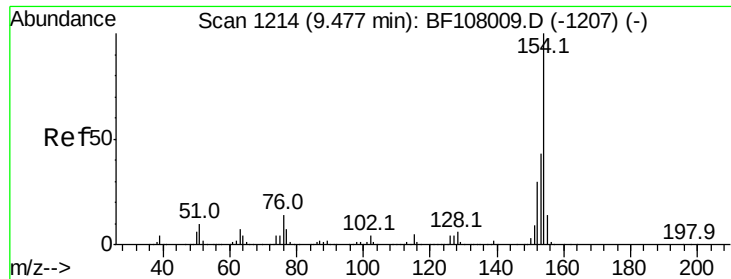
Abundance

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



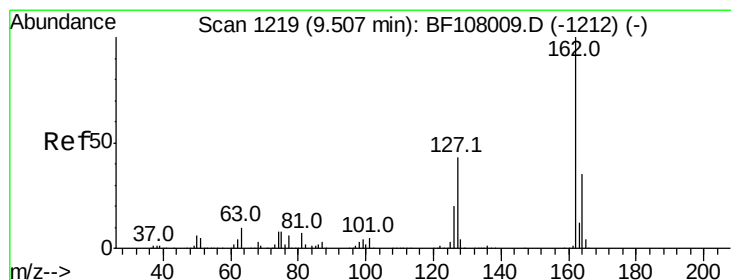
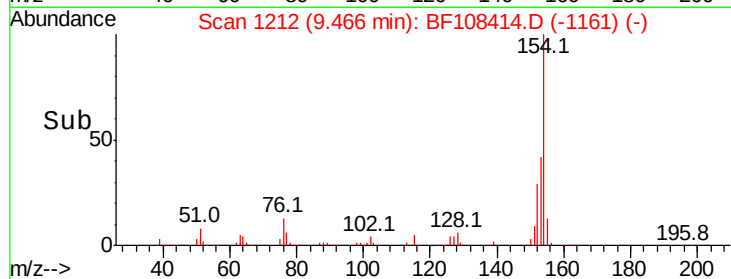
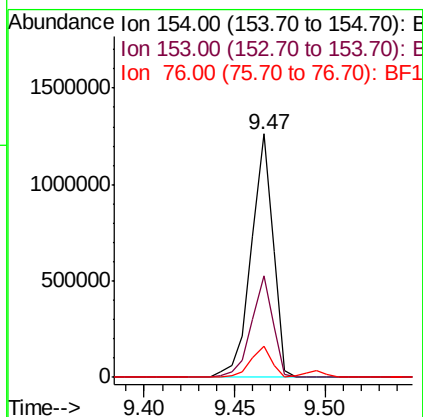
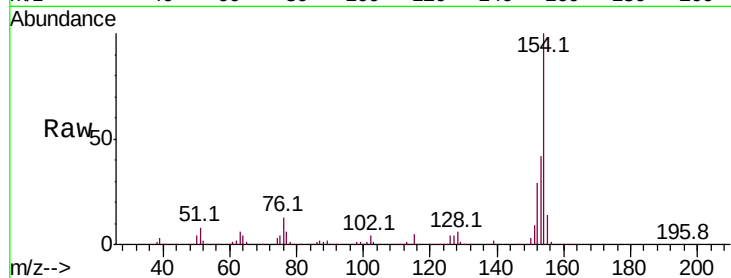


#45
 1,1'-Biphenyl
 Concen: 51.102 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1058333

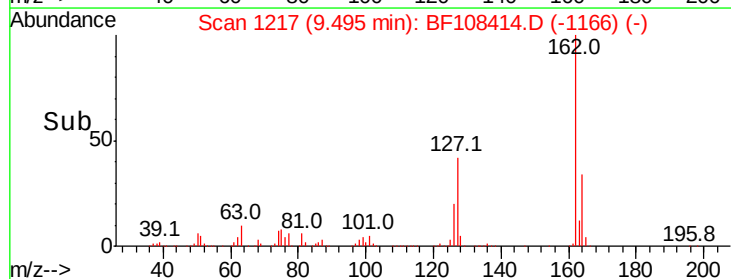
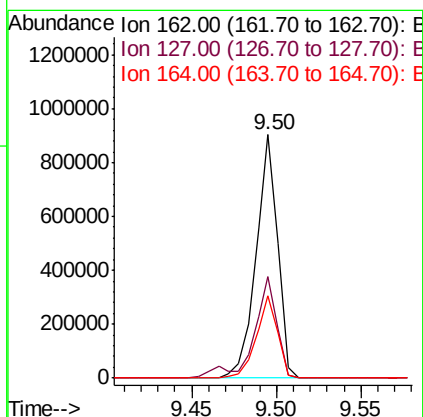
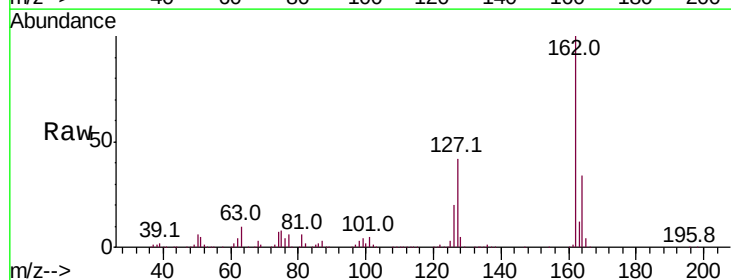
Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	12.8	0.0	34.0

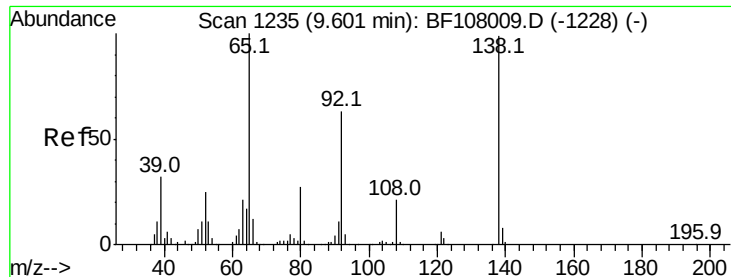


#46
 2-Chloronaphthalene
 Concen: 49.128 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion:162 Resp: 804167

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	34.0	26.5	39.7





#47

2-Nitroaniline

Concen: 52.029 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

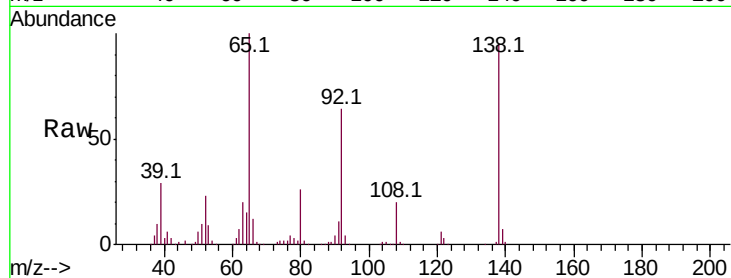
Tot Ion: 65 Resp: 275561

Ion Ratio Lower Upper

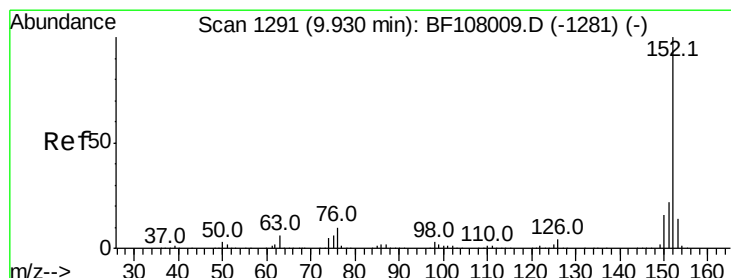
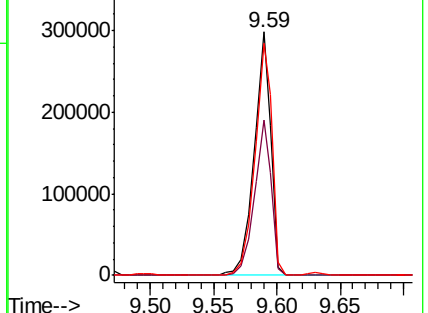
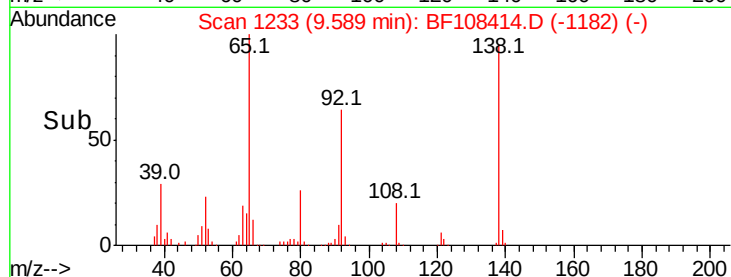
65 100

92 63.6 55.8 83.6

138 95.2 91.2 136.8



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



#48

Acenaphthylene

Concen: 48.468 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

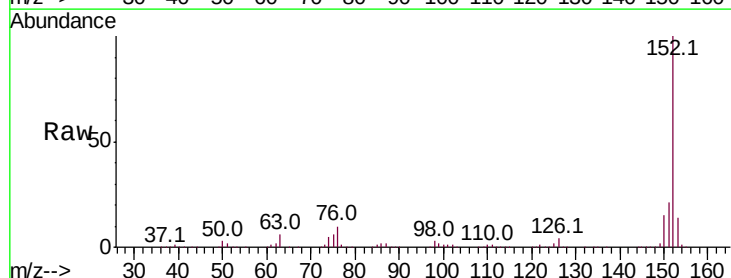
Tgt Ion: 152 Resp: 1254249

Ion Ratio Lower Upper

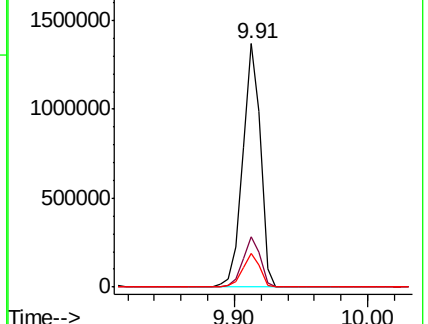
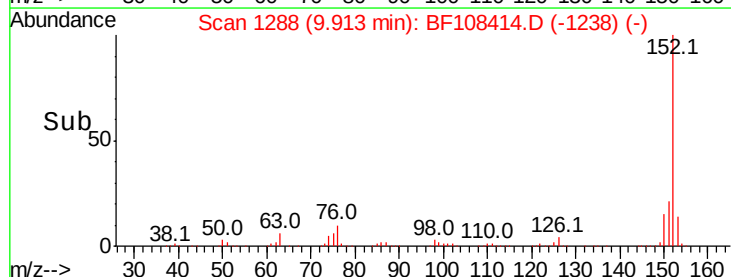
152 100

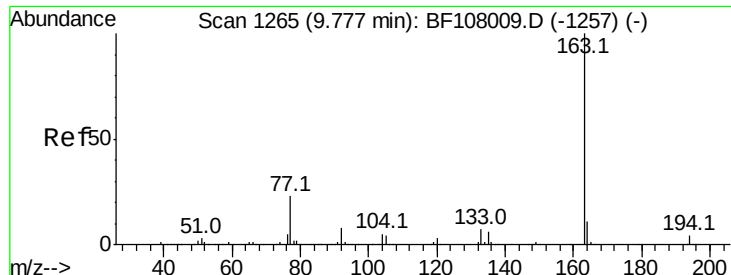
151 20.9 16.3 24.5

153 13.9 10.7 16.1



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

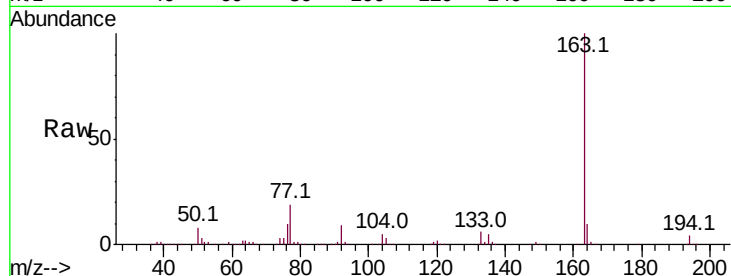




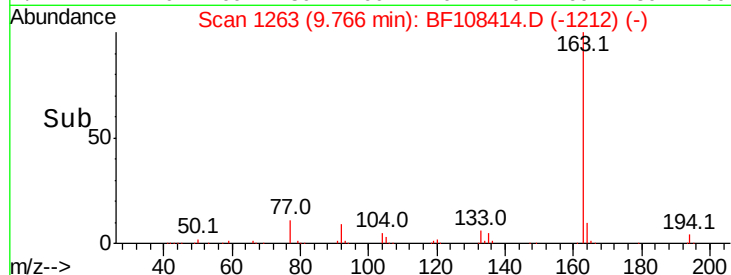
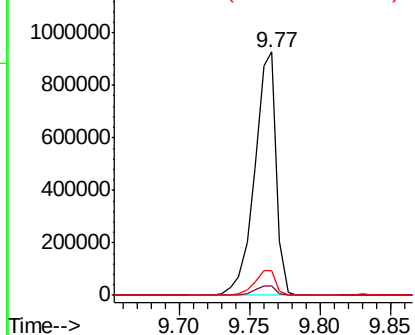
#49
Dimethylphthalate
Concen: 50.779 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 993580
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 8.2 12.2

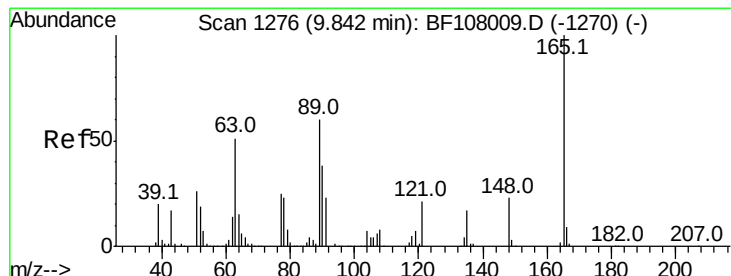


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

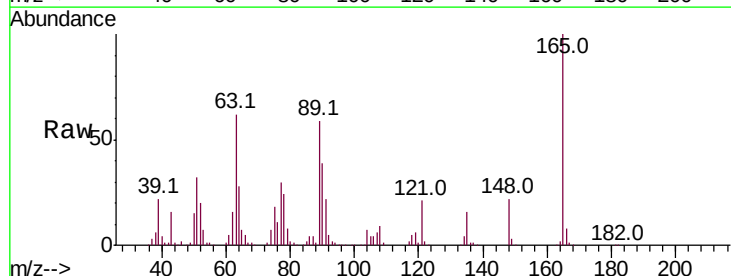
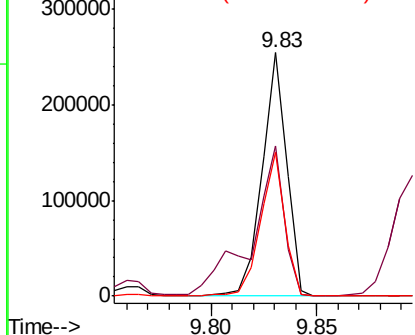


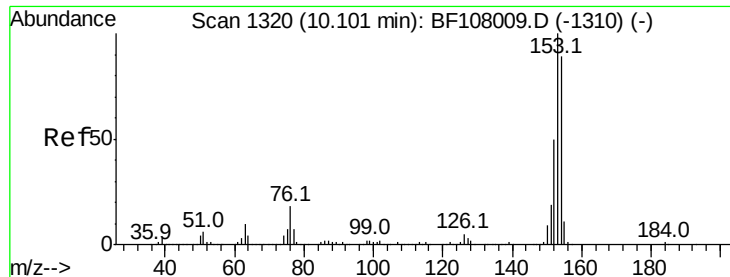
#50
2,6-Dinitrotoluene
Concen: 50.348 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion:165 Resp: 206111
Ion Ratio Lower Upper
165 100
63 61.9 44.7 67.1
89 59.2 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: 46.362 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

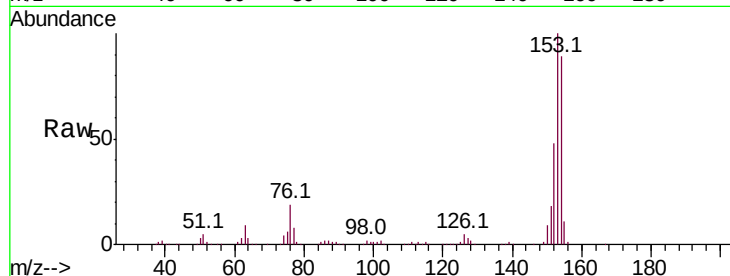
Tot Ion:154 Resp: 734830

Ion Ratio Lower Upper

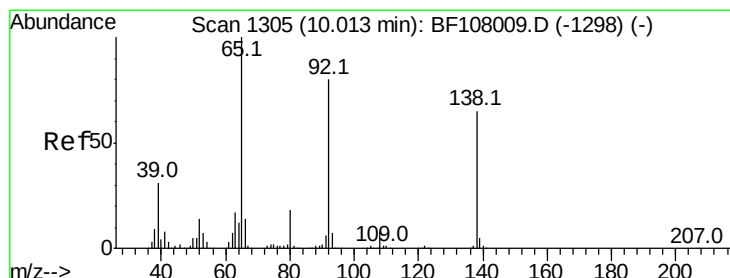
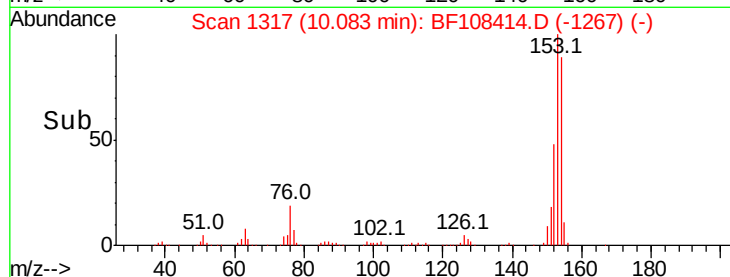
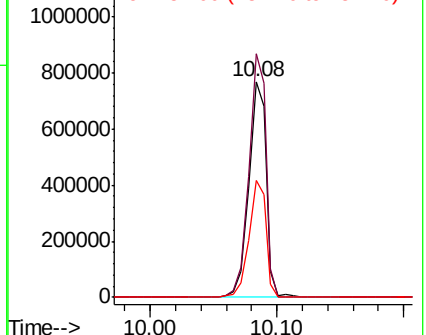
154 100

153 112.9 91.2 136.8

152 54.5 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: 31.772 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

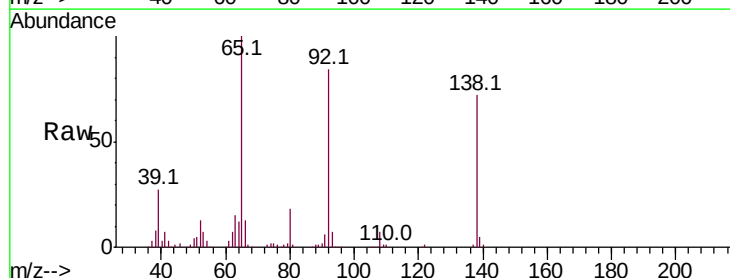
Tgt Ion:138 Resp: 142308

Ion Ratio Lower Upper

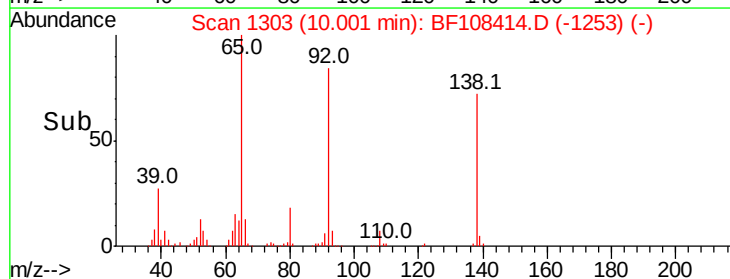
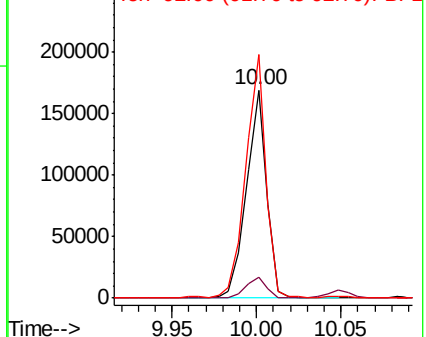
138 100

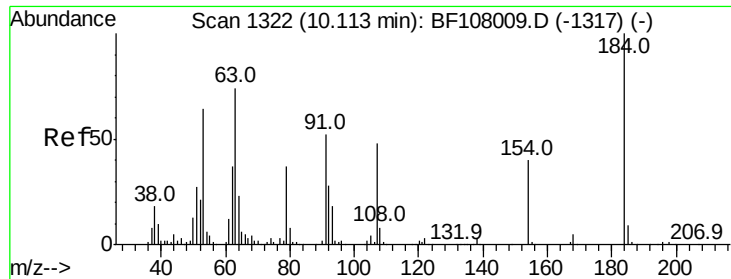
108 10.3 9.4 14.0

92 117.2 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

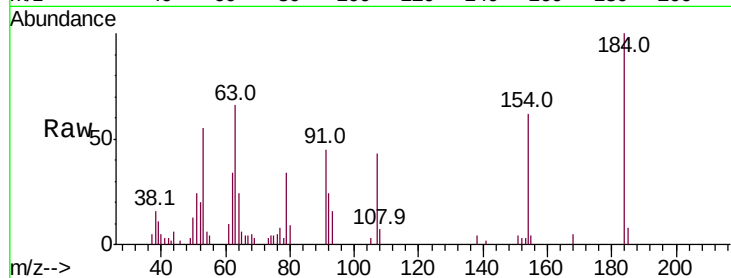




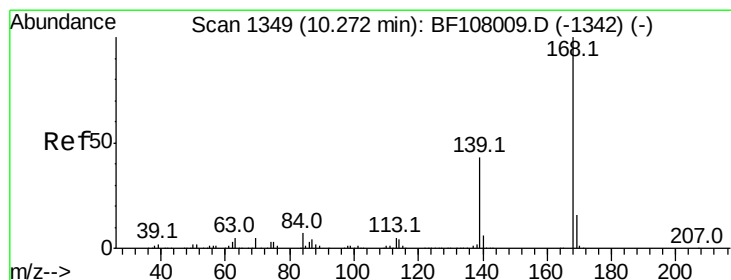
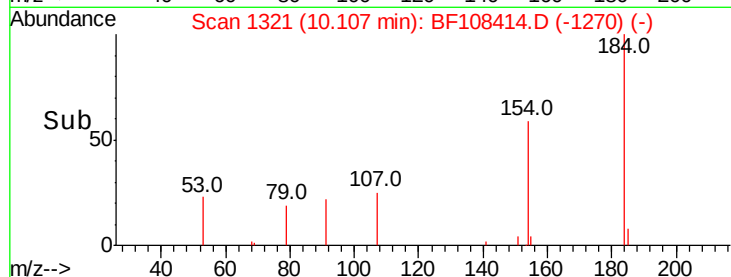
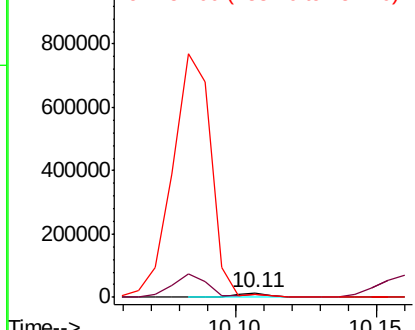
#53
2,4-Dinitrophenol
Concen: 14.425 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 12435
Ion Ratio Lower Upper
184 100
63 66.4 54.2 81.2
154 62.0 184.0 276.0#

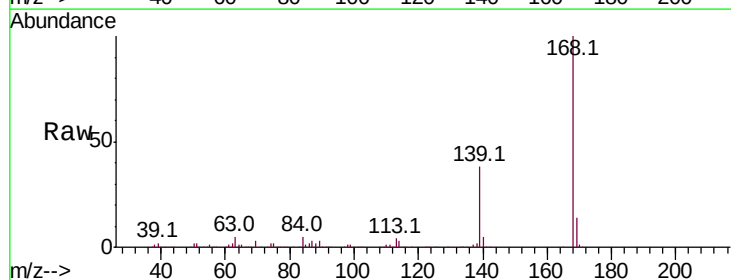


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

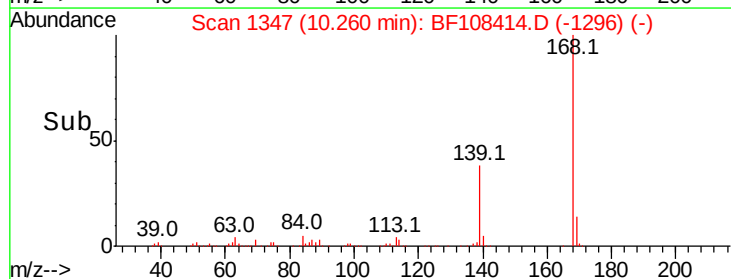
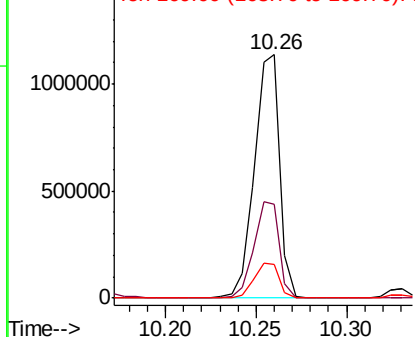


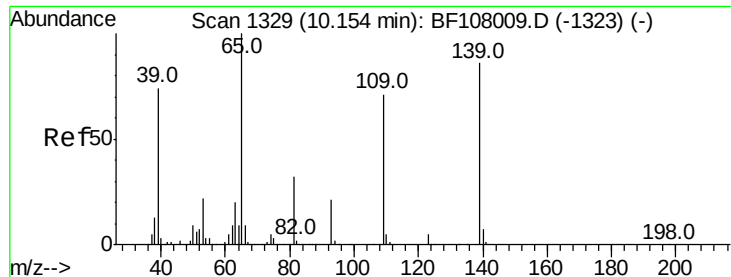
#54
Dibenzofuran
Concen: 47.604 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion:168 Resp: 1093129
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 13.9 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

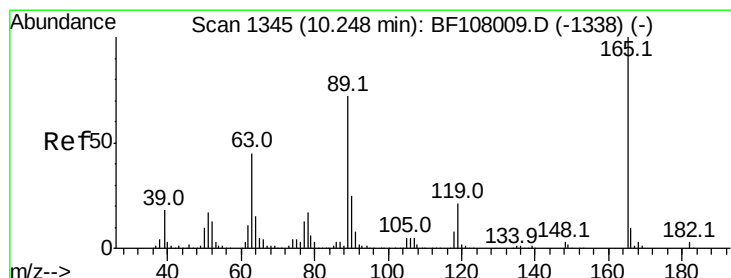
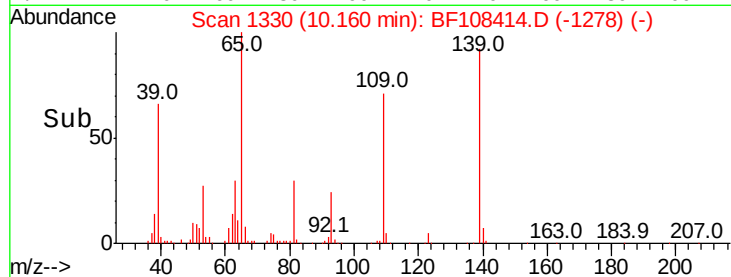
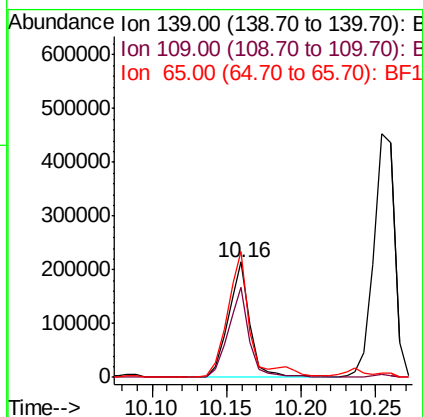
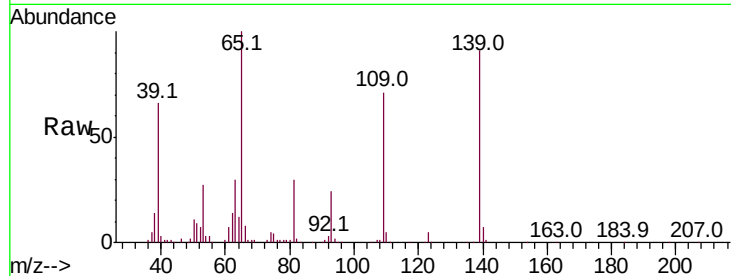




#55
4-Nitrophenol
Concen: 64.354 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

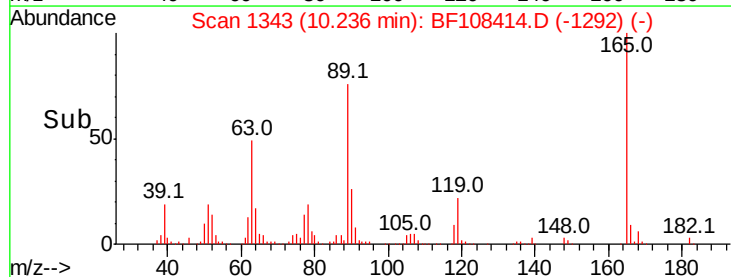
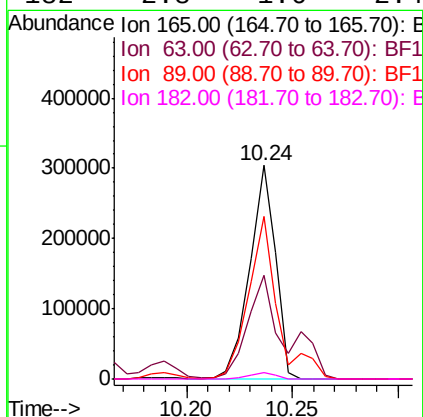
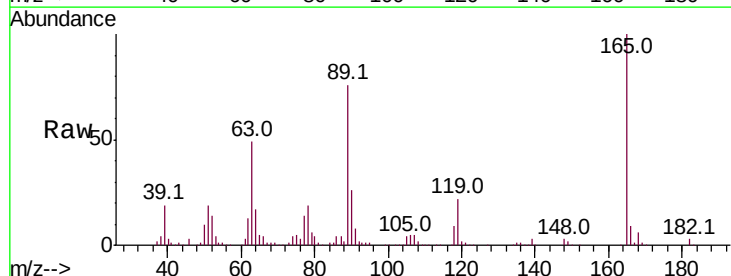
Instrument :
BNA_F
ClientSampled :

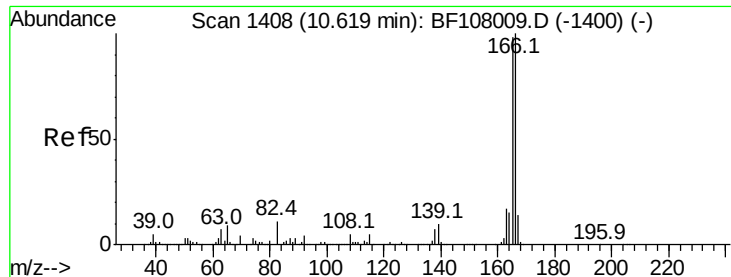
Tot Ion:139 Resp: 218274
Ion Ratio Lower Upper
139 100
109 77.6 48.4 88.4
65 109.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.256 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion:165 Resp: 259549
Ion Ratio Lower Upper
165 100
63 48.7 36.4 54.6
89 76.3 57.8 86.6
182 2.8 1.6 2.4#





#57

Fluorene

Concen: 46.670 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

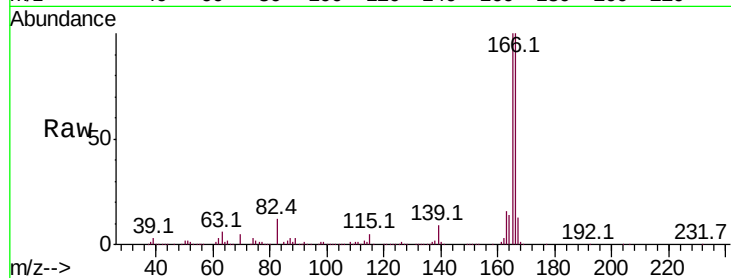
Tot Ion:166 Resp: 848375

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

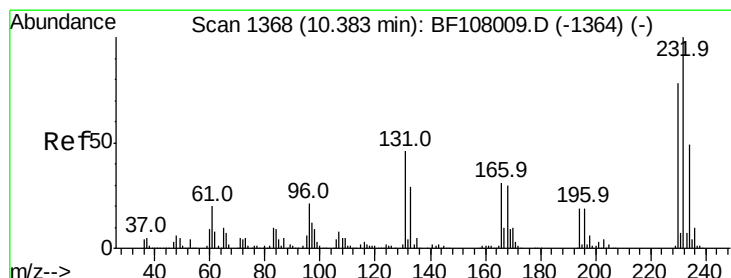
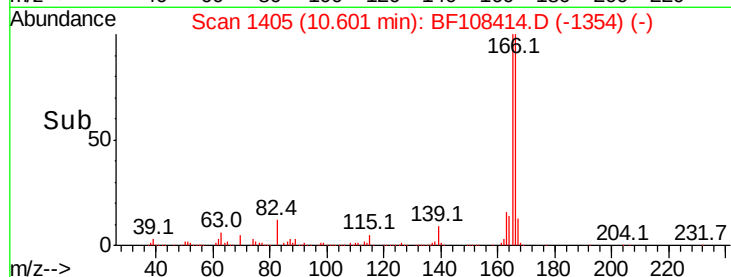
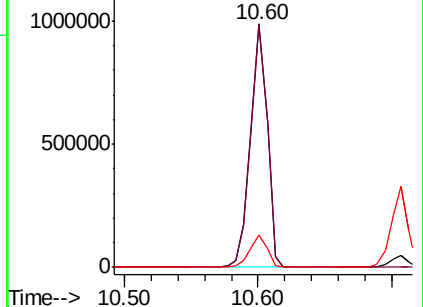
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.800 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:232 Resp: 191094

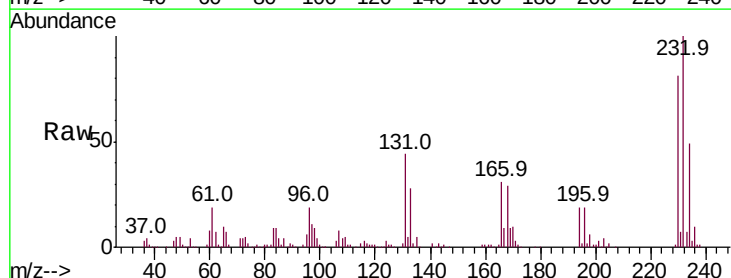
Ion Ratio Lower Upper

232 100

131 42.1 43.8 65.8#

130 2.1 2.1 3.1#

166 29.6 27.8 41.6

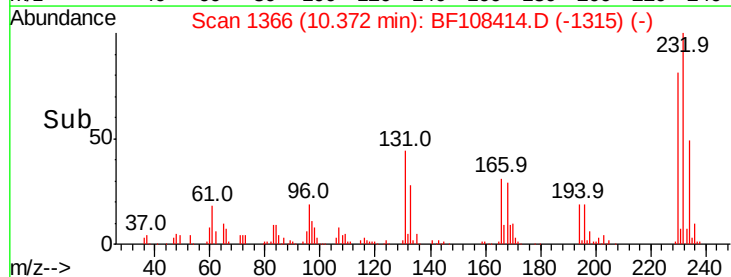
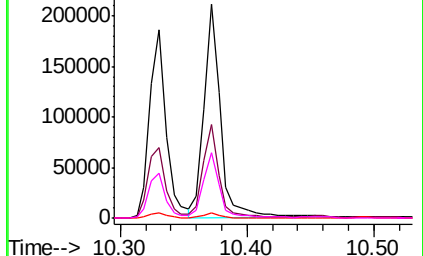


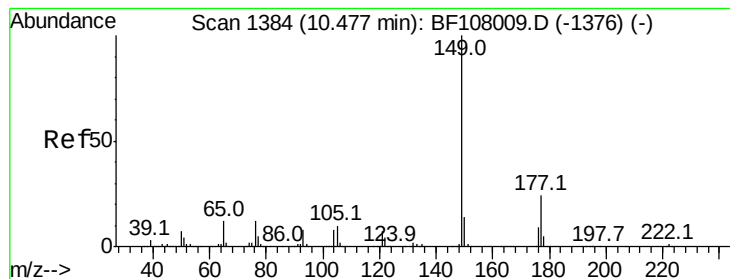
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.639 ng

RT: 10.46 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

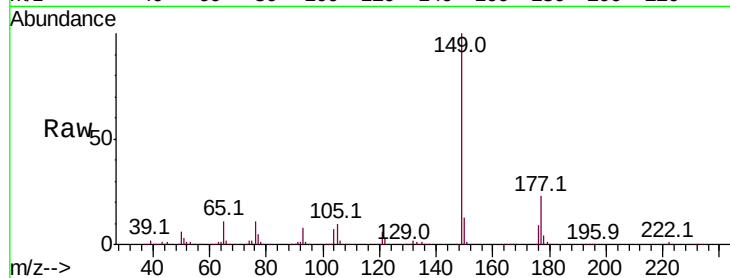
Tot Ion:149 Resp: 940502

Ion Ratio Lower Upper

149 100

177 23.0 16.1 24.1

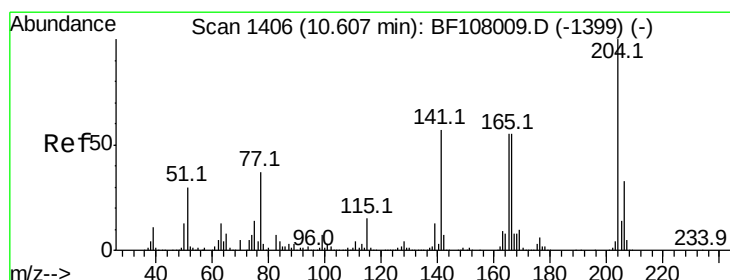
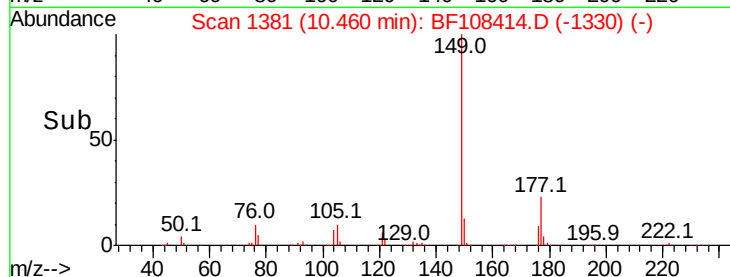
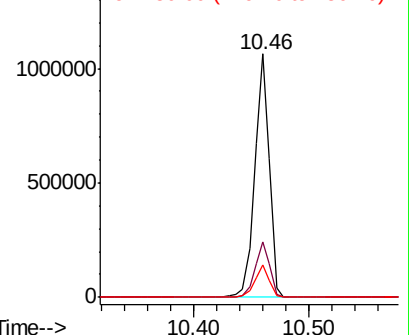
150 13.2 10.1 15.1



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: 48.041 ng

RT: 10.59 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

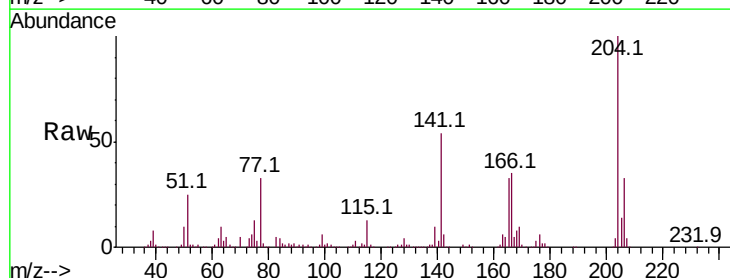
Tgt Ion:204 Resp: 455048

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

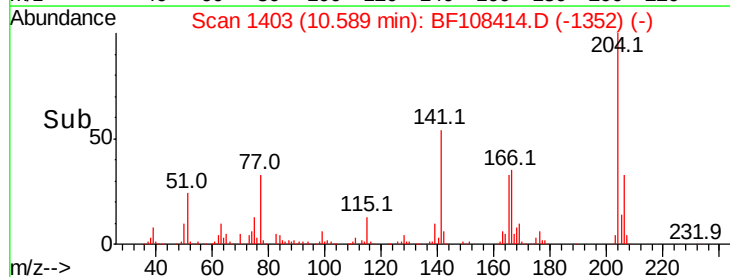
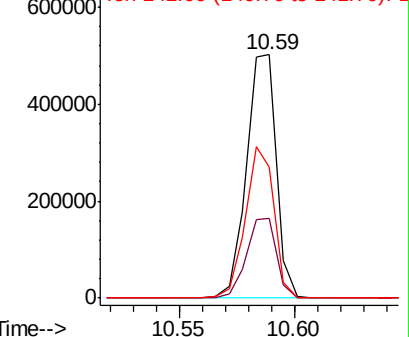
141 53.9 54.6 81.8#

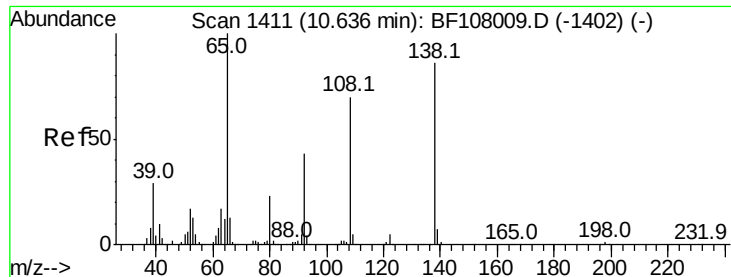


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

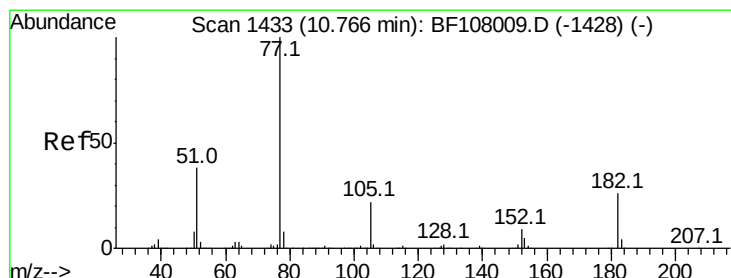
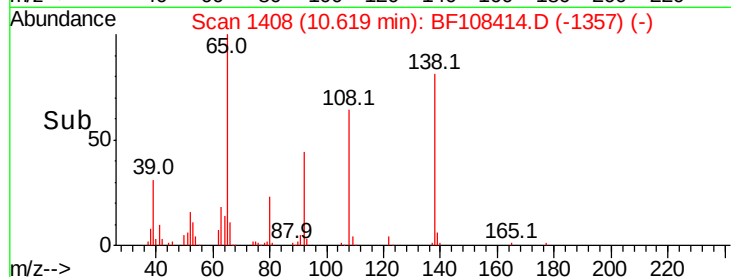
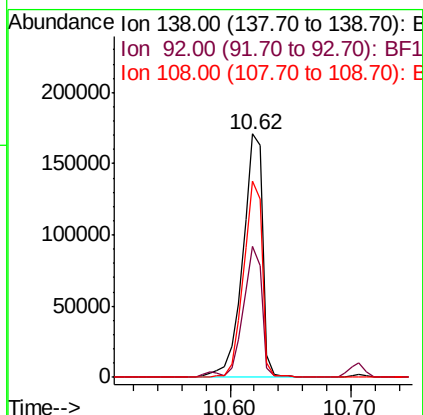
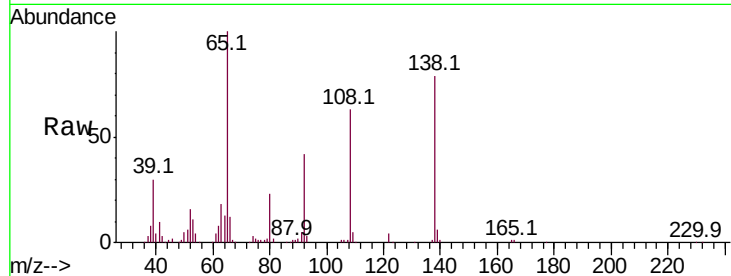




#61
4-Nitroaniline
Concen: 44.500 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

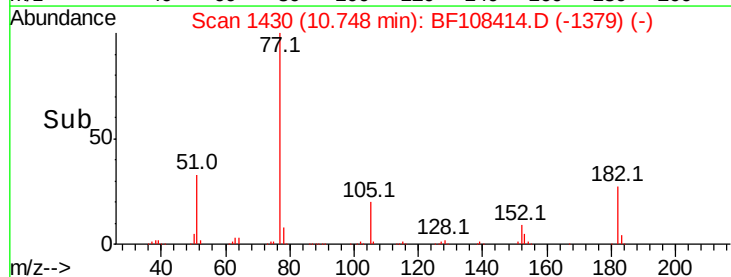
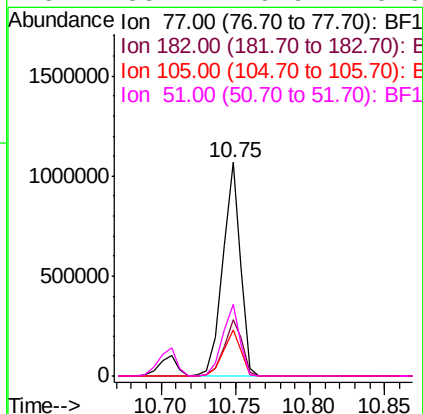
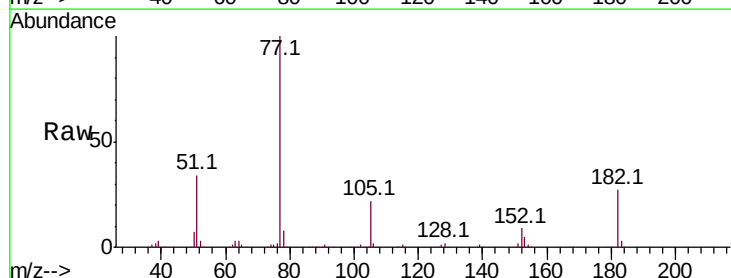
Instrument :
BNA_F
ClientSampleId :

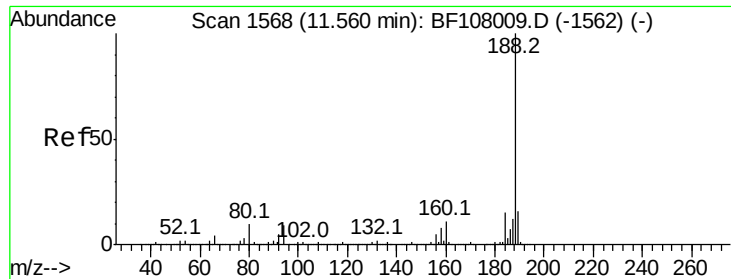
Tot Ion:138 Resp: 197060
Ion Ratio Lower Upper
138 100
92 53.7 30.2 70.2
108 80.5 52.5 92.5



#62
Azobenzene
Concen: 45.570 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion: 77 Resp: 891680
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 21.5 3.0 43.0
51 33.7 9.9 49.9

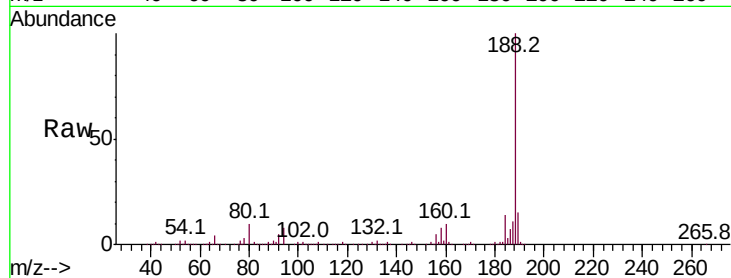




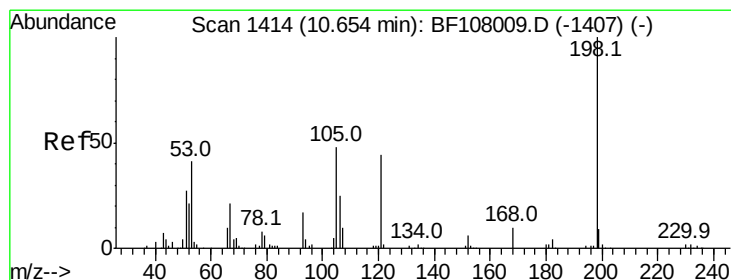
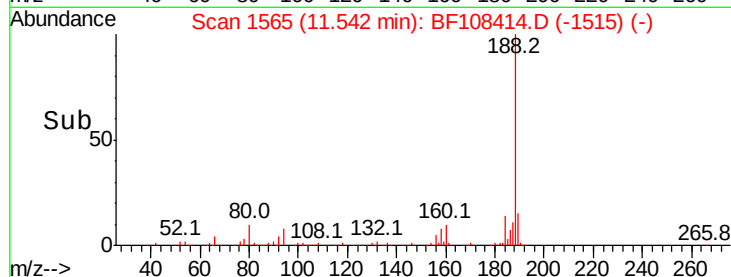
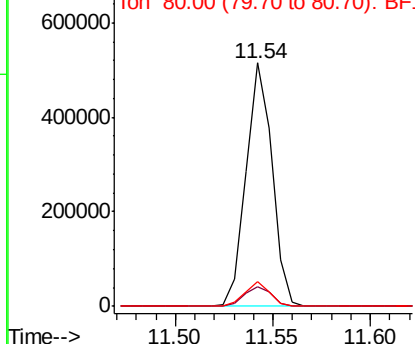
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 477667
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 10.4 9.2 13.8

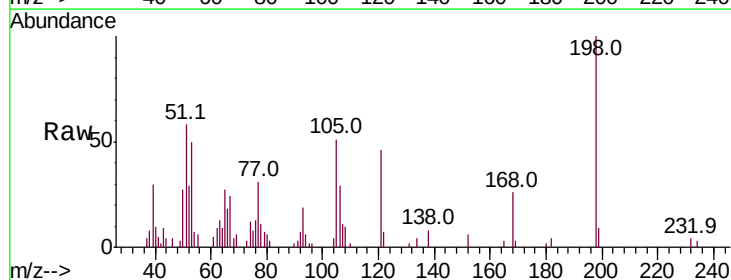


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

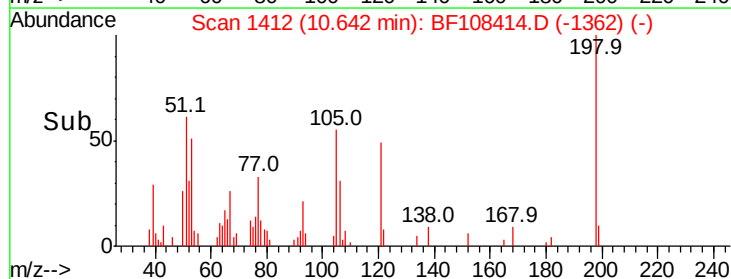
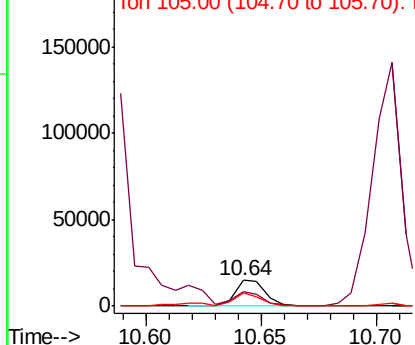


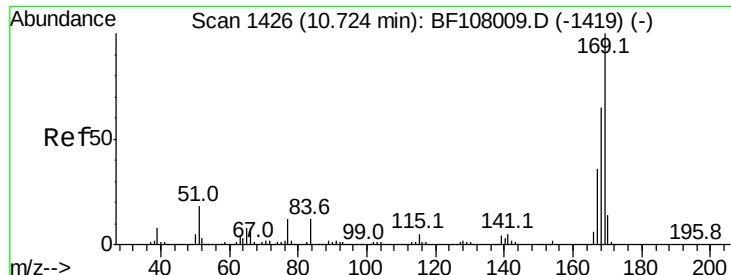
#64
4,6-Dinitro-2-methylphenol
Concen: 12.249 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion:198 Resp: 13910
Ion Ratio Lower Upper
198 100
51 57.6 37.7 77.7
105 51.3 36.3 76.3



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

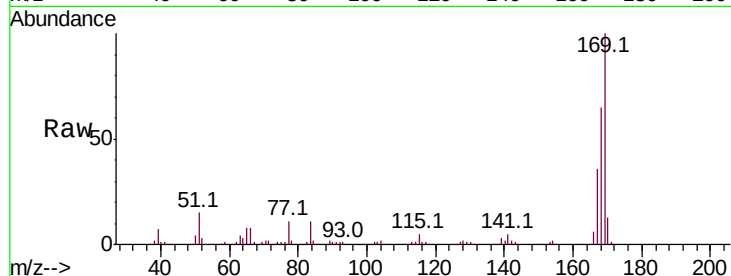




#65
n-Nitrosodiphenylamine
Concen: 55.438 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.5	54.4	81.6
167	35.8	29.8	44.6

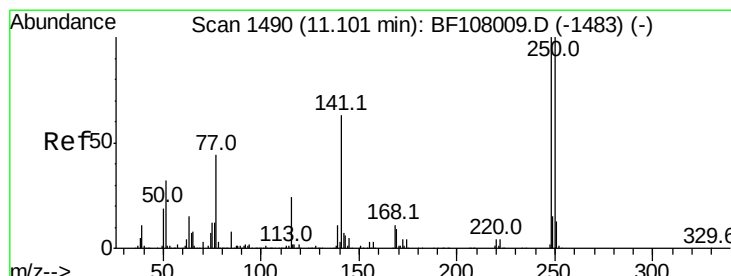
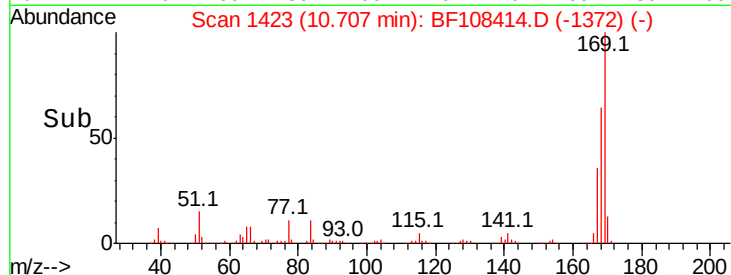
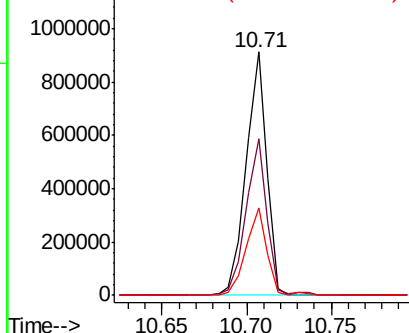


Abundance

Ion 169.00 (168.70 to 169.70): E

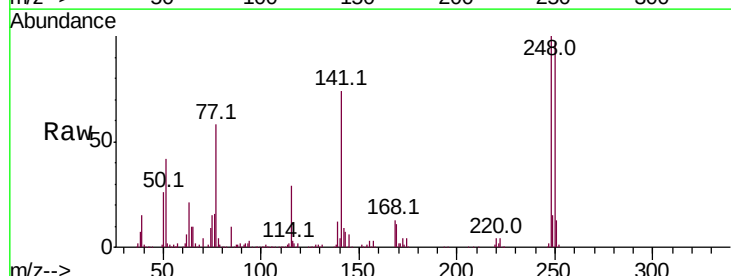
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 54.556 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	73.9	74.4	111.6

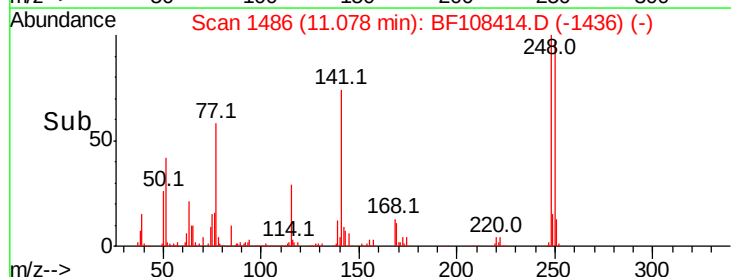
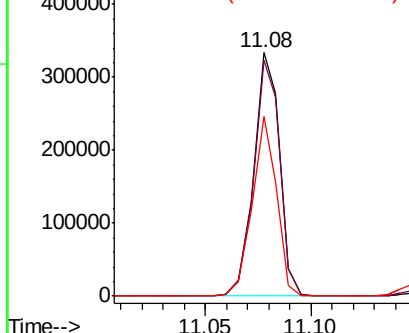


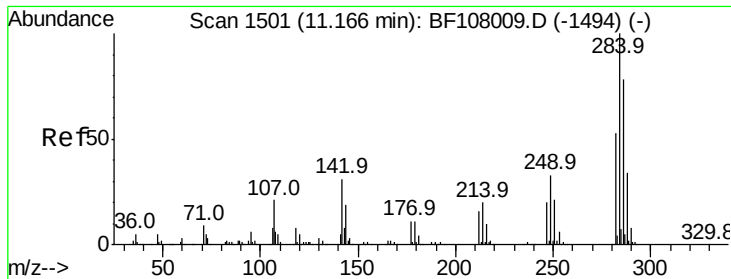
Abundance

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

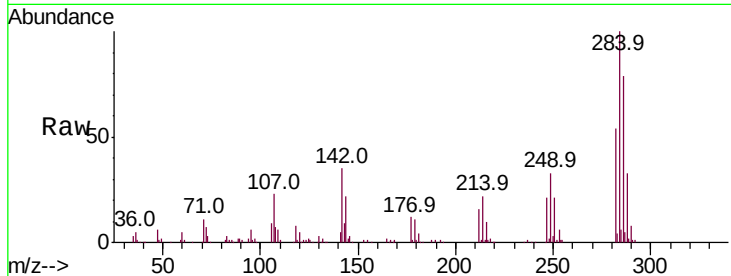




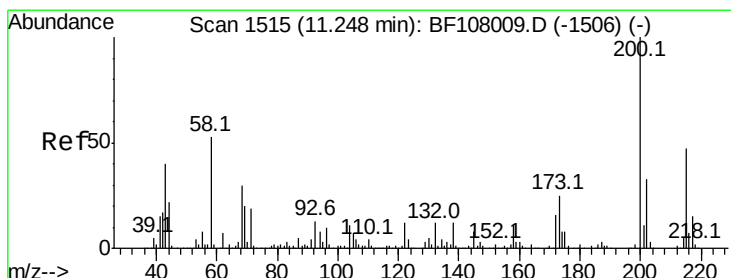
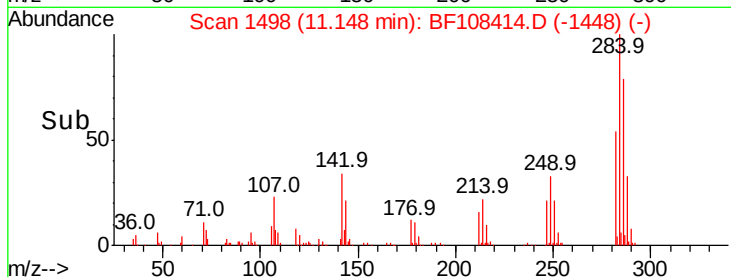
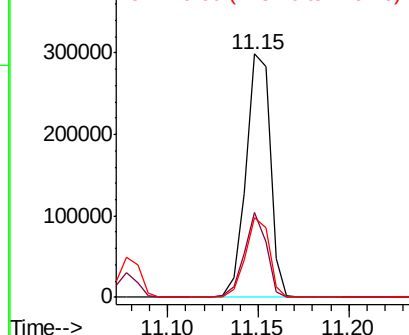
#67
Hexachlorobenzene
Concen: 50.987 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.9	34.6	52.0
249	33.0	24.8	37.2

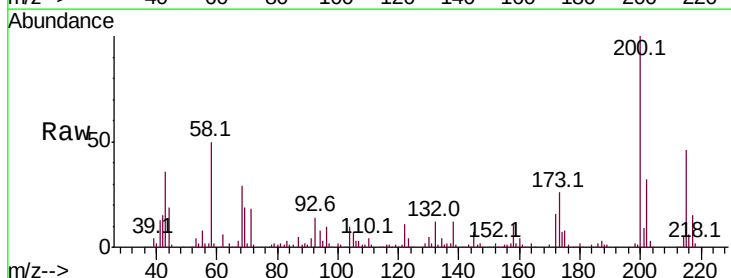


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

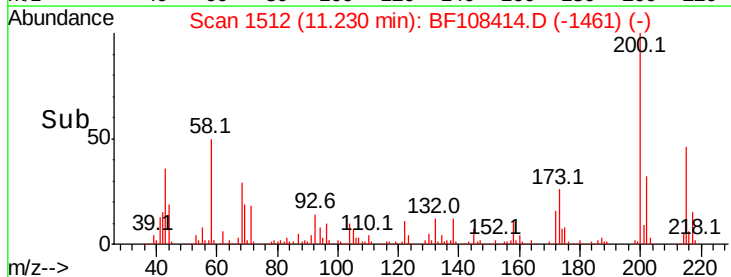
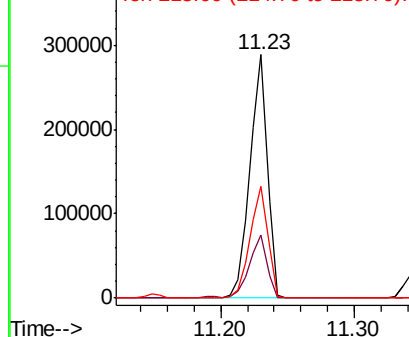


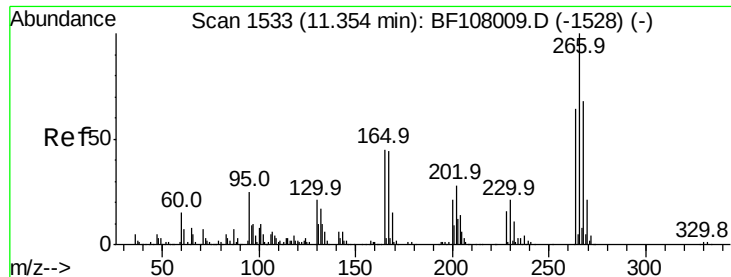
#68
Atrazine
Concen: 54.507 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	8.6	48.6
215	46.0	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

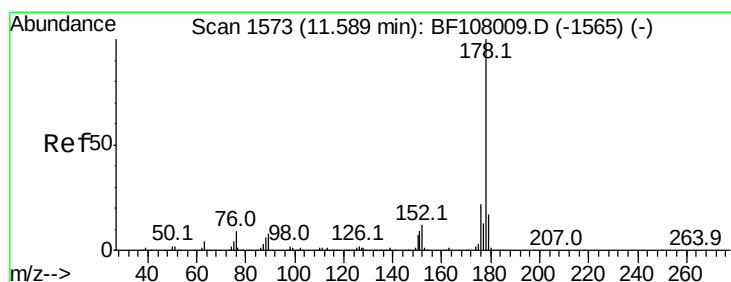
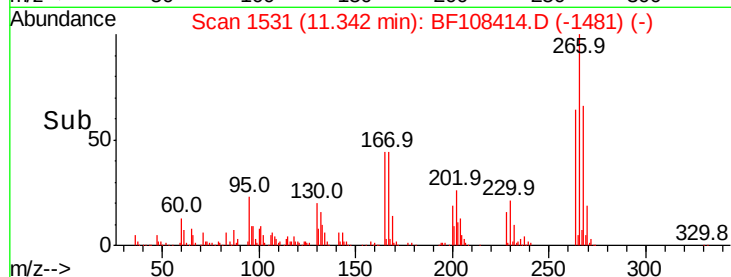
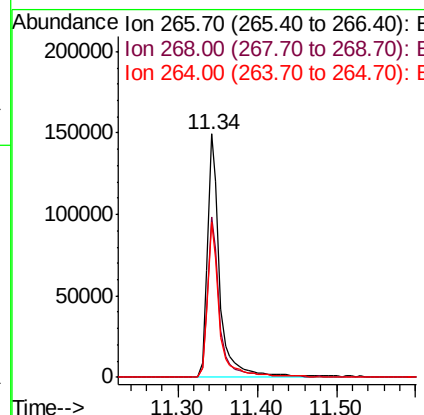
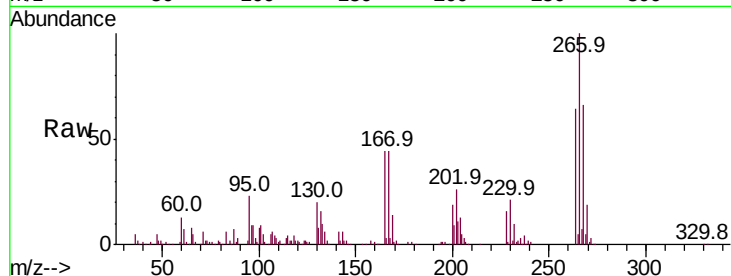




#69
 Pentachlorophenol
 Concen: 63.825 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

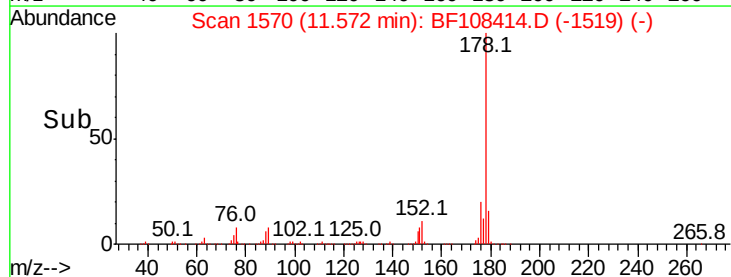
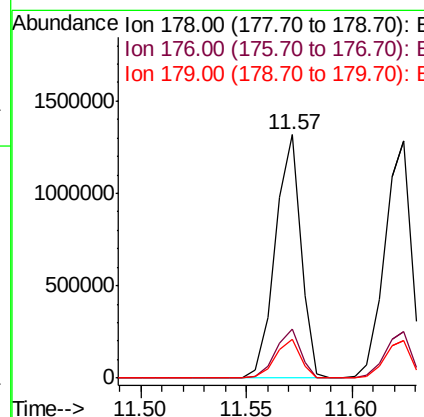
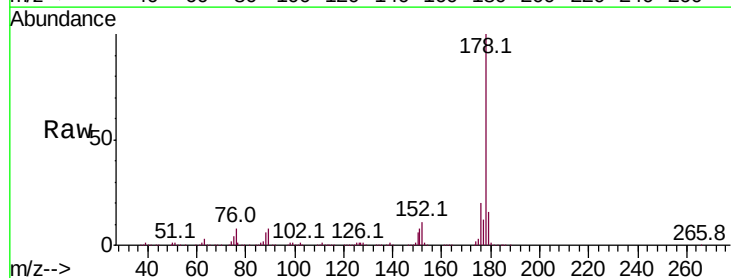
Instrument :
 BNA_F
 ClientSampleId :

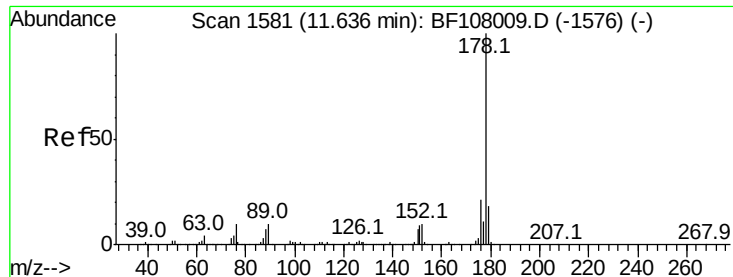
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	63.9	49.5	74.3



#70
 Phenanthrene
 Concen: 49.313 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.9	13.0	19.6



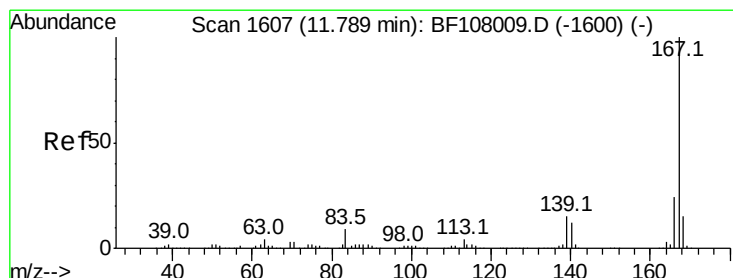
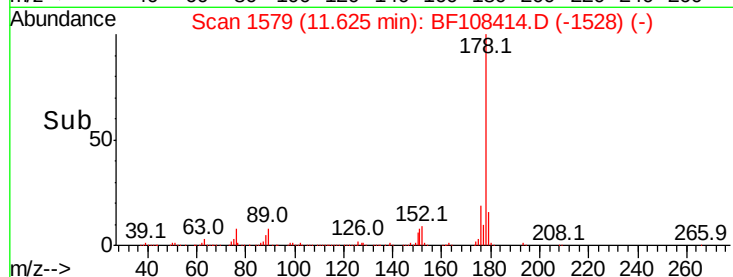
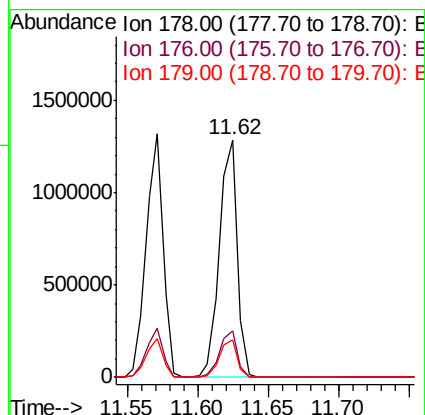
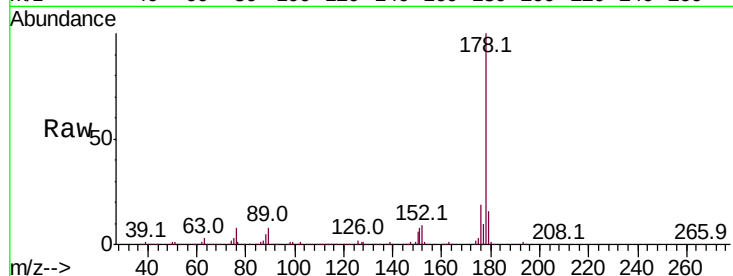


#71
 Anthracene
 Concen: 49.042 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1132457

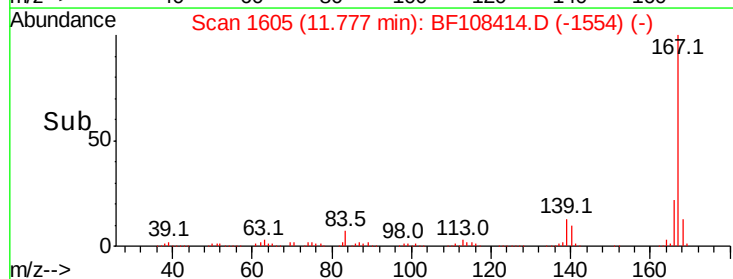
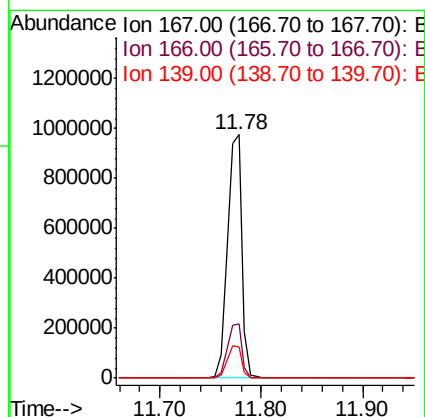
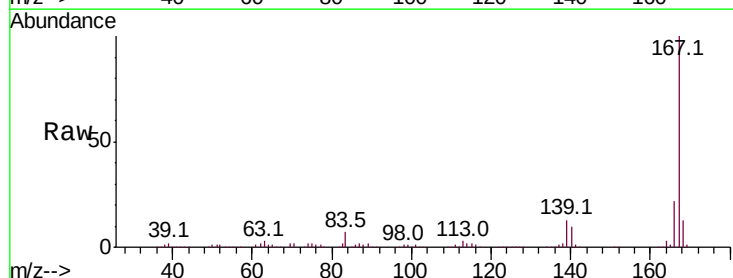
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.6	19.0

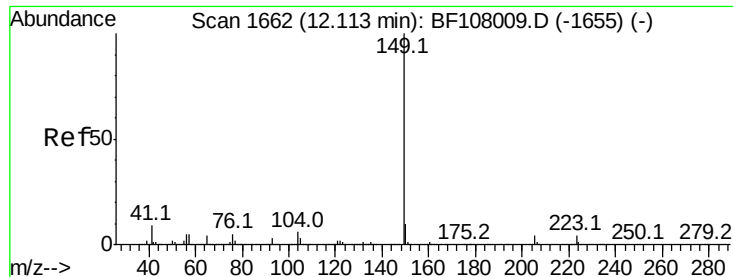


#72
 Carbazole
 Concen: 46.506 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion:167 Resp: 954126

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 56.689 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

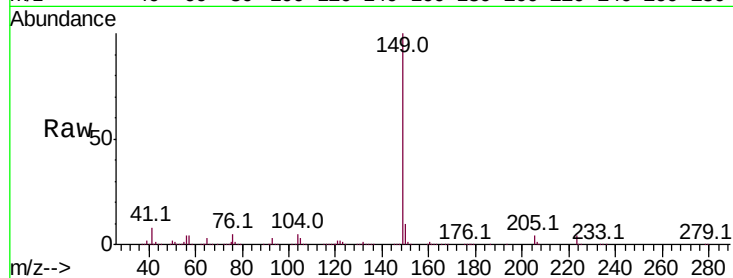
Tot Ion:149 Resp: 1317356

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.1 3.8 5.8

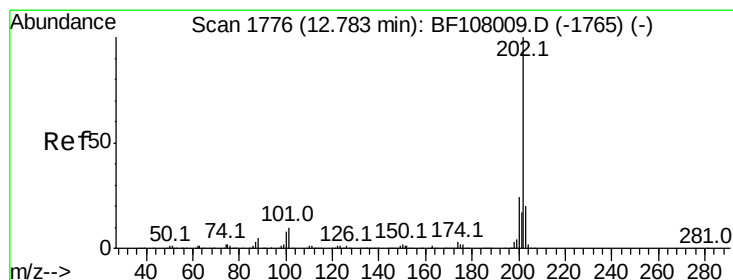
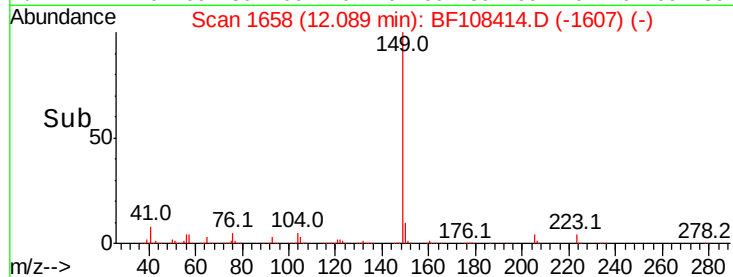
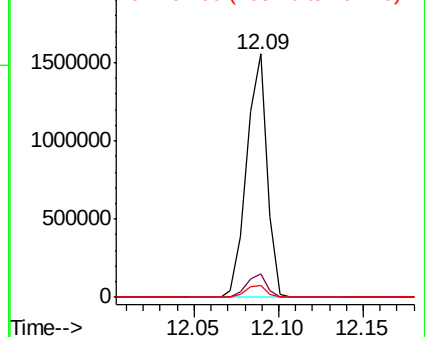


Abundance

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: 41.837 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

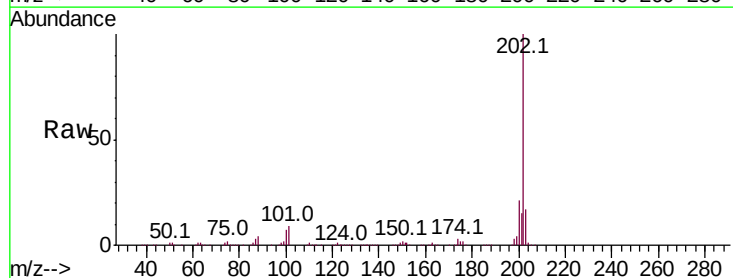
Tgt Ion:202 Resp: 1028708

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.1

203 17.2 0.0 38.1

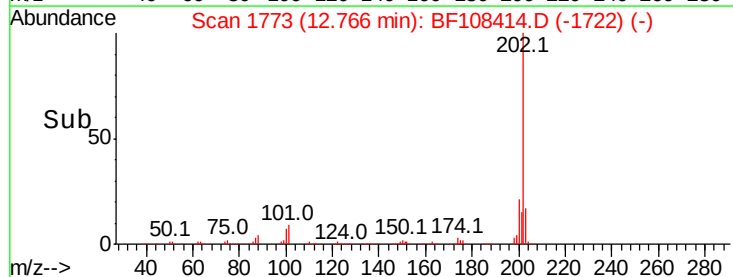
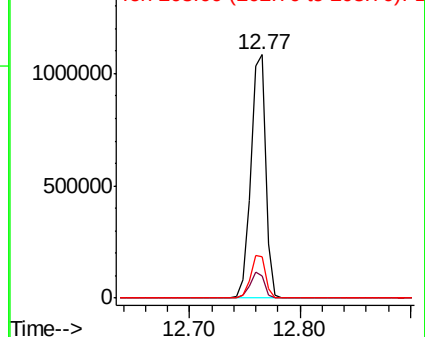


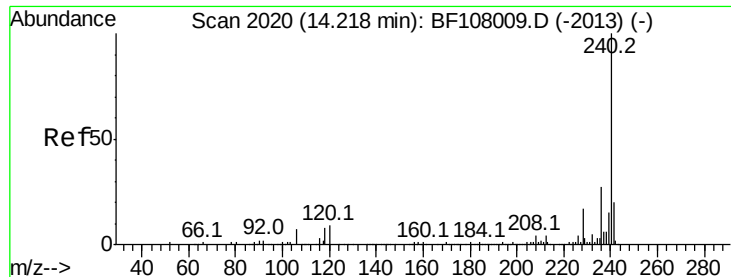
Abundance

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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

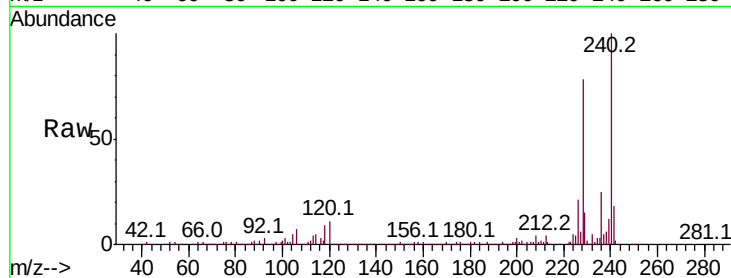
Tot Ion:240 Resp: 303069

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

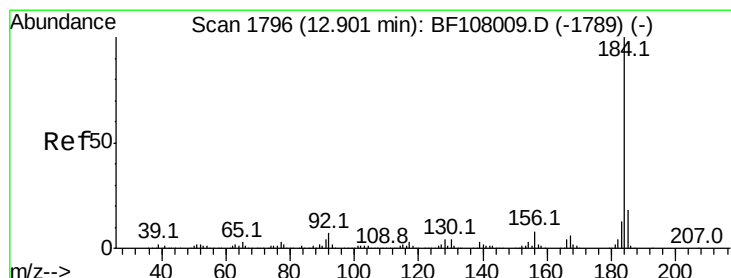
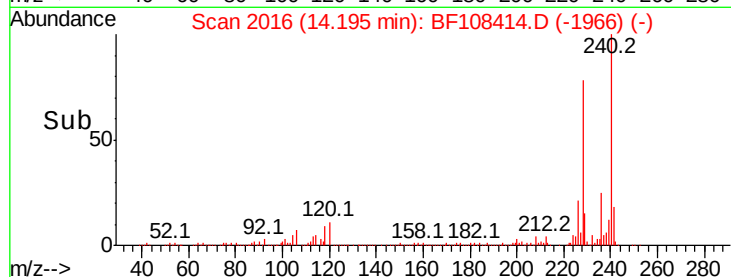
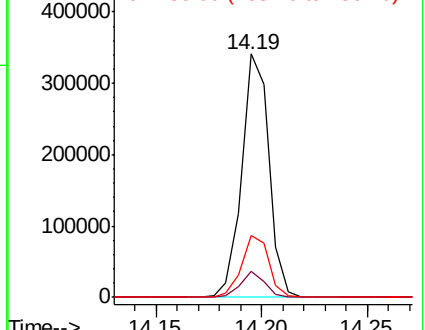
236 25.3 20.7 31.1



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: 27.235 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

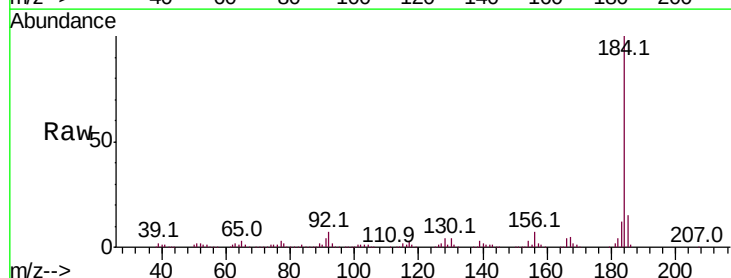
Tgt Ion:184 Resp: 308394

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

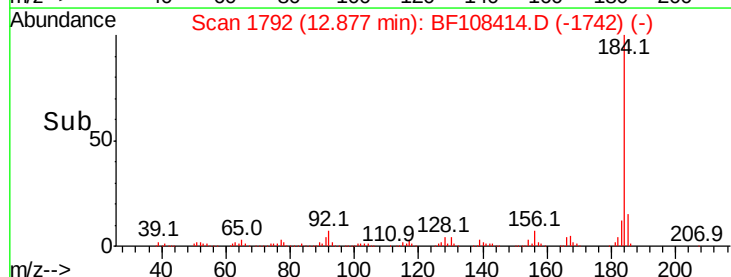
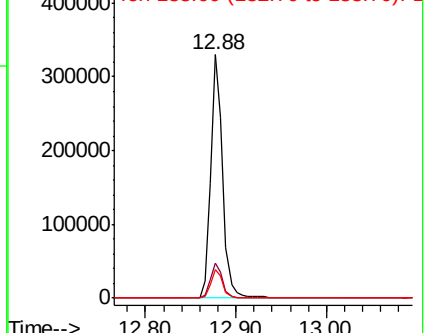
183 11.8 9.3 13.9

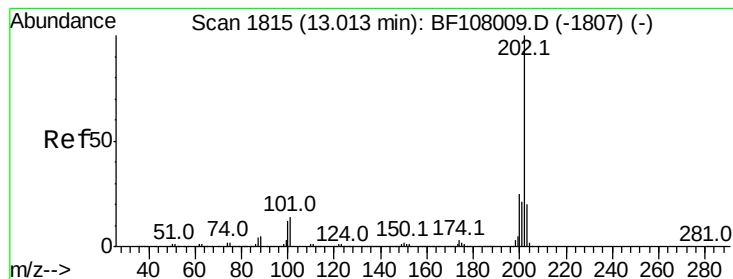


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.189 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampled :

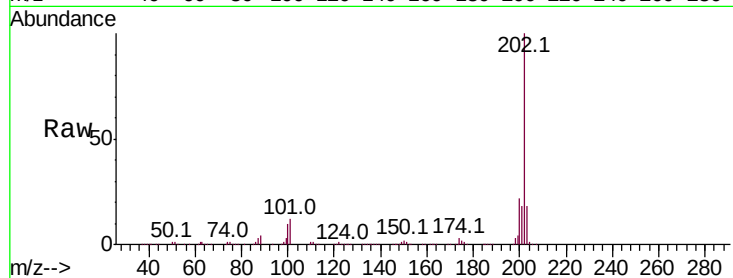
Tot Ion:202 Resp: 982191

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

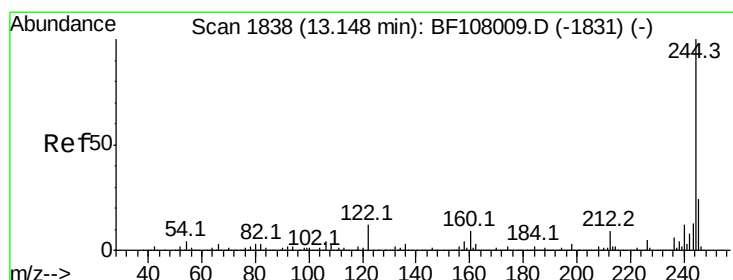
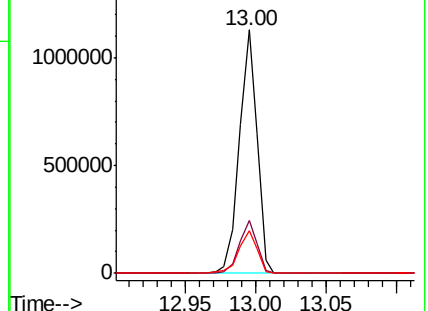
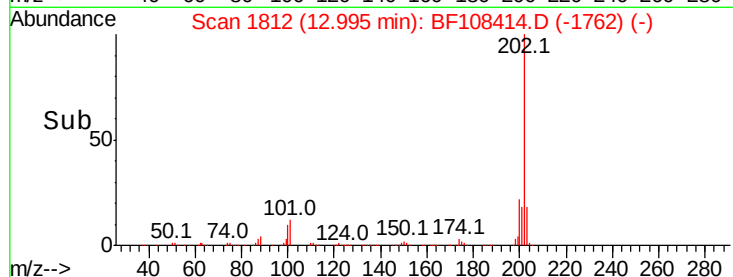
203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 116.670 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

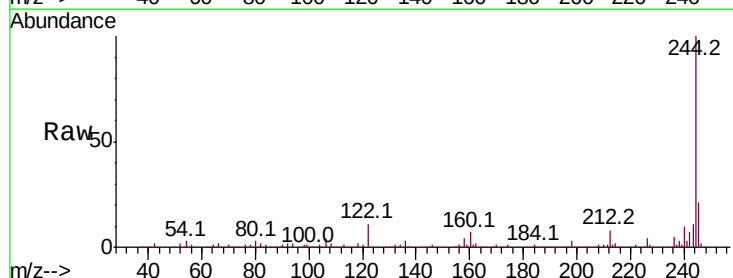
Tgt Ion:244 Resp: 1390677

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

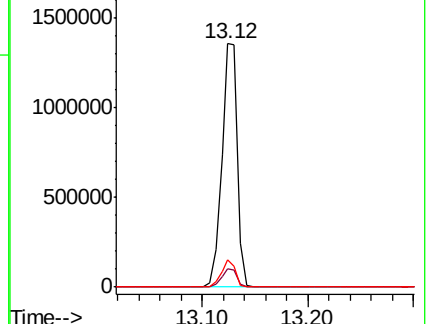
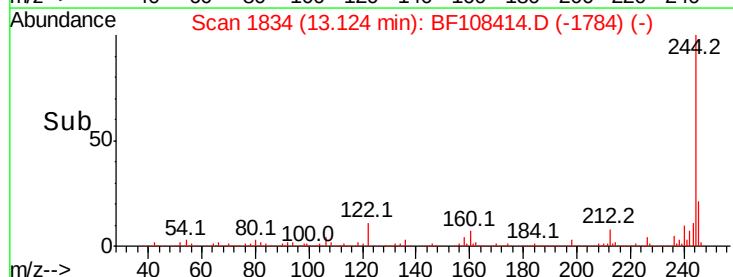
122 11.2 11.0 16.4

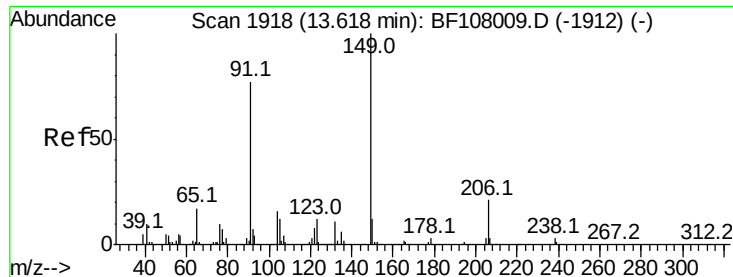


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.610 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108414.D

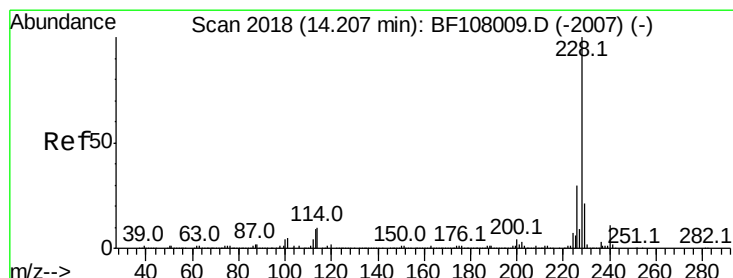
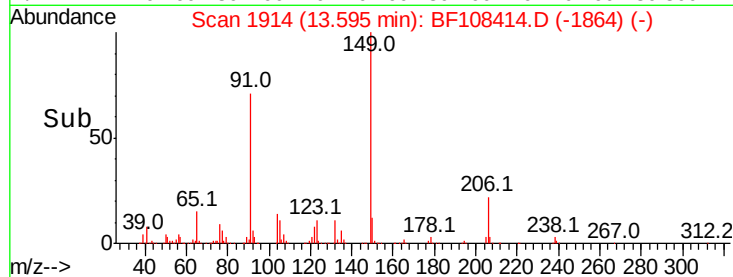
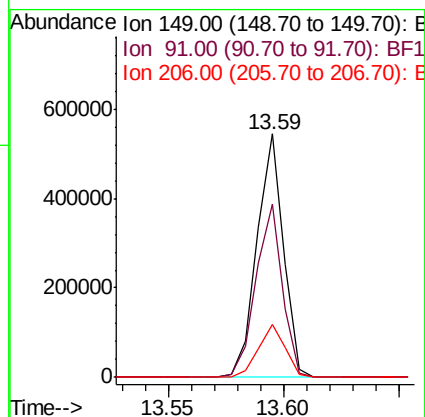
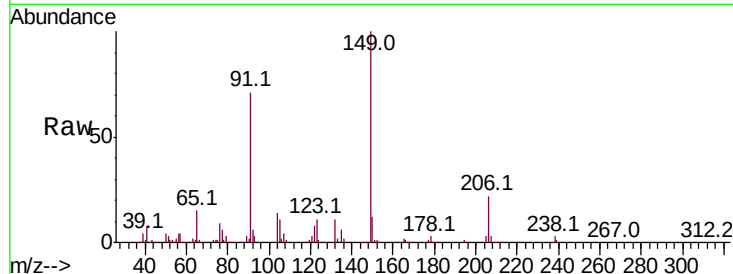
Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	438929
Ion	Ratio	Lower	Upper
149	100		
91	71.3	56.8	85.2
206	21.6	14.1	21.1#



#80

Benzo(a)anthracene

Concen: 49.416 ng

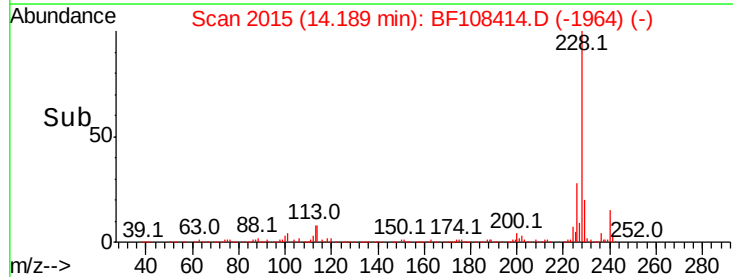
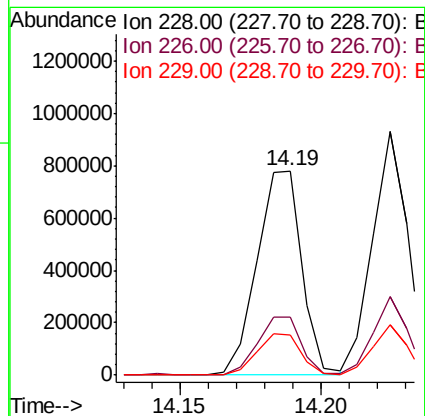
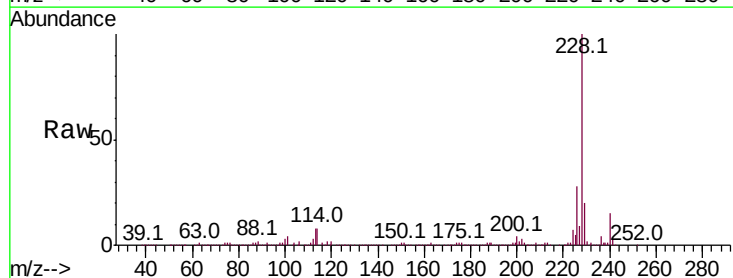
RT: 14.19 min Scan# 2015

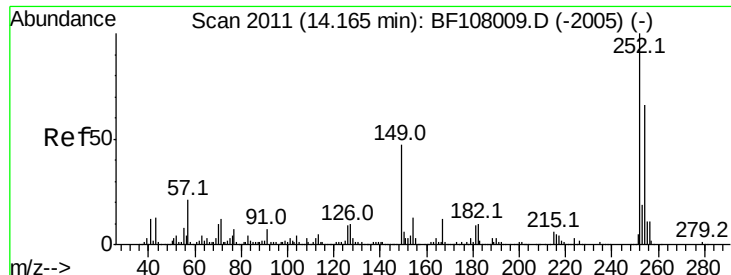
Delta R.T. -0.00 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Tgt Ion:	228	Resp:	859497
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.6	15.8	23.6

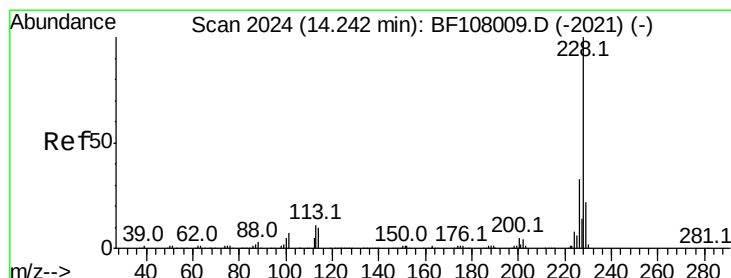
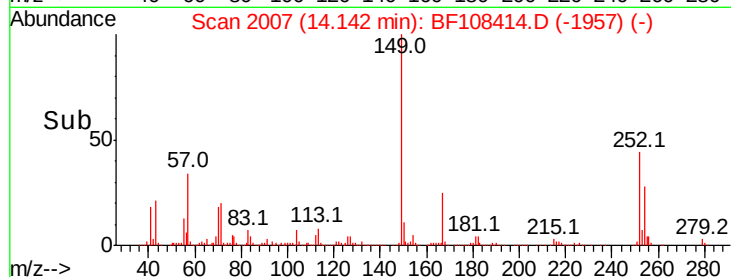
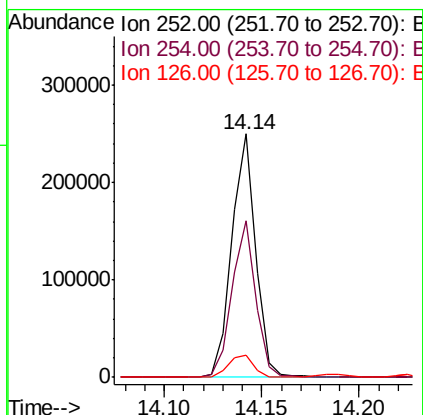
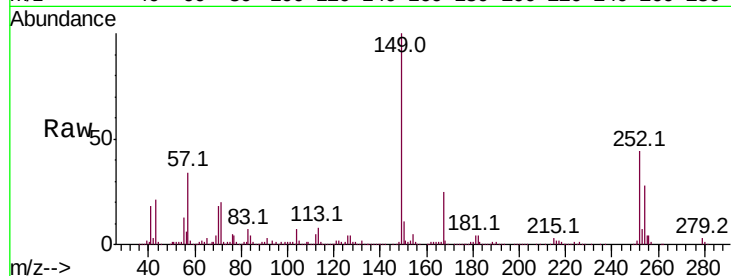




#81
 3,3'-Dichlorobenzidine
 Concen: 34.074 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

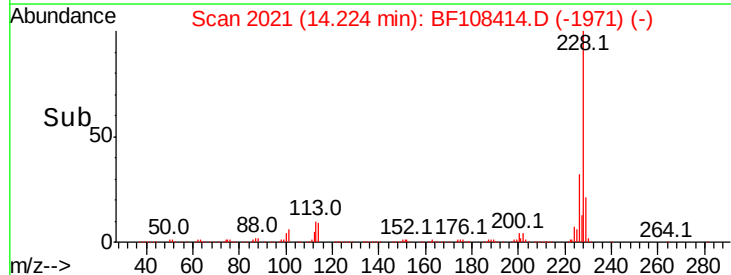
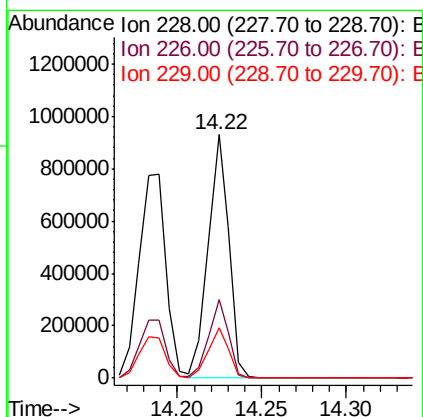
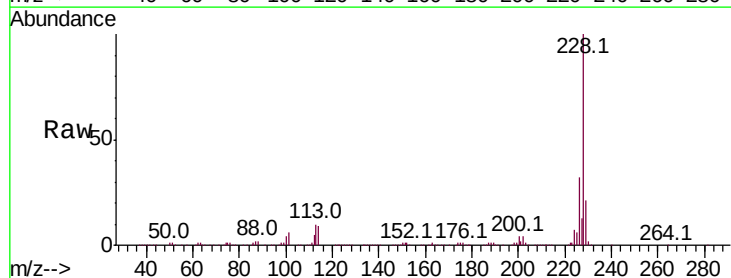
Instrument :
 BNA_F
 ClientSampleId :

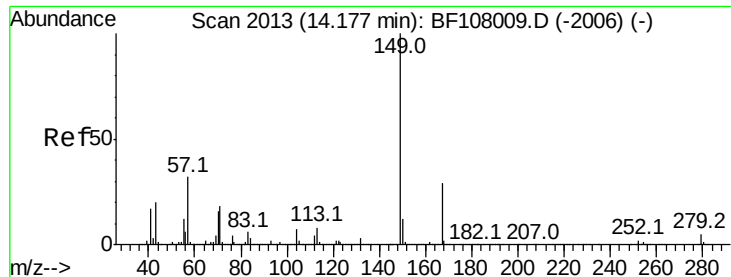
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	9.0	11.3	16.9#



#82
 Chrysene
 Concen: 50.100 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.8	16.2	24.4

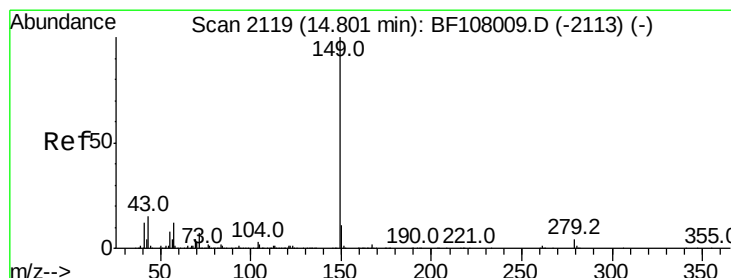
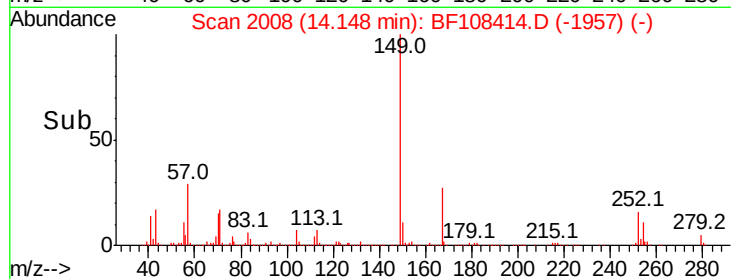
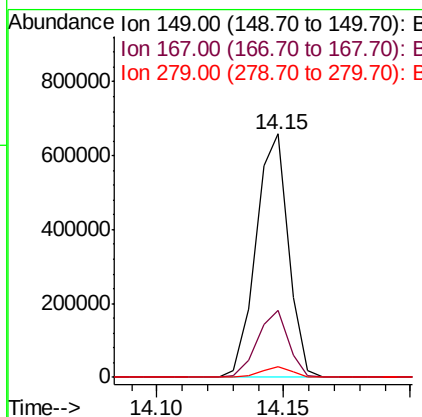
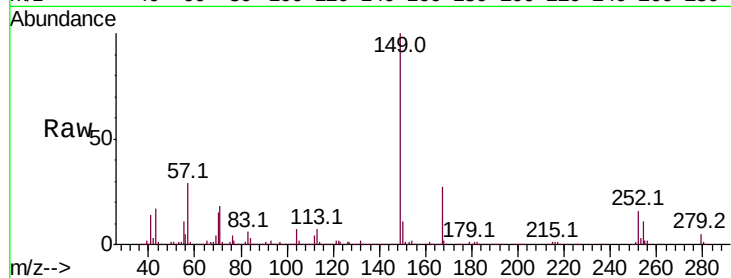




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.358 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

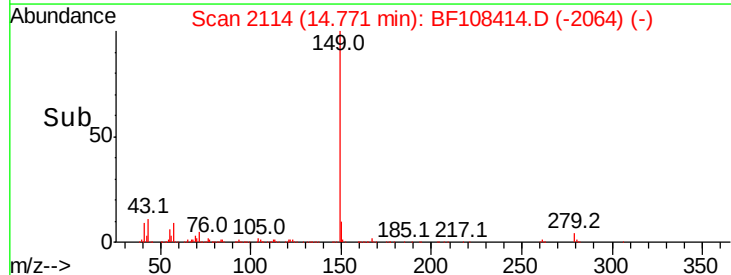
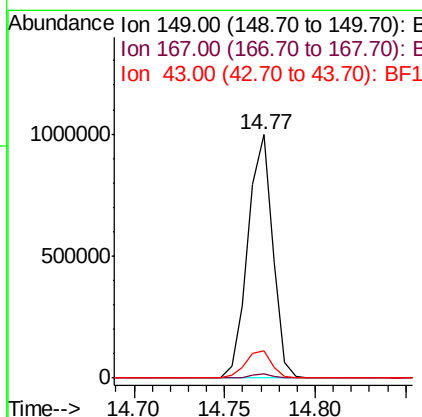
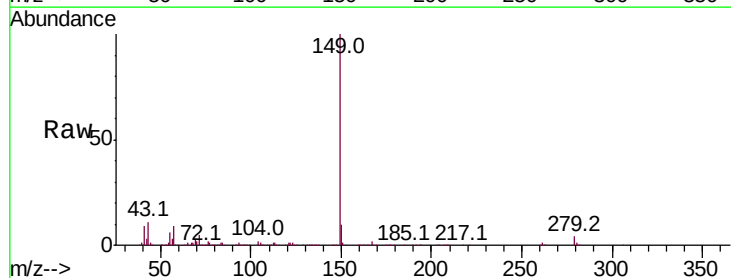
Instrument :
 BNA_F
 ClientSampleId :

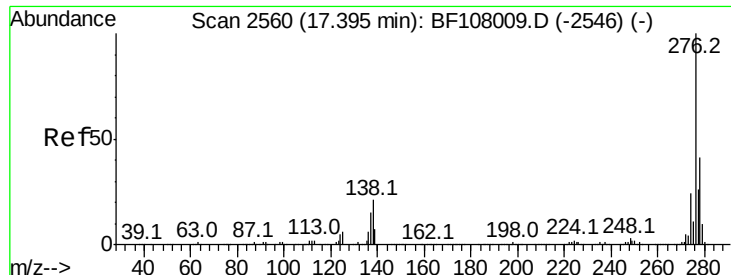
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	4.6	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 60.259 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6

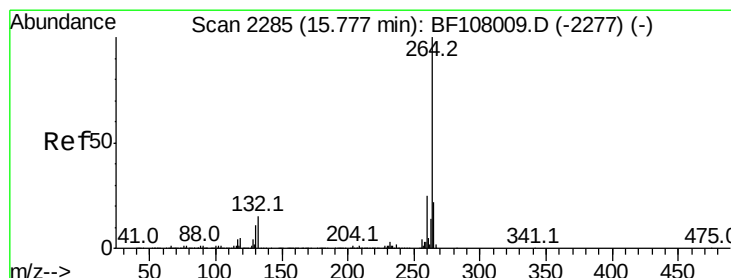
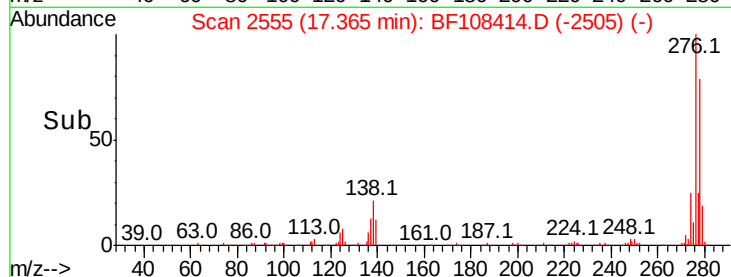
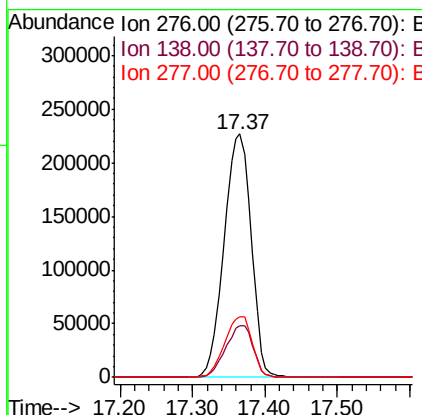
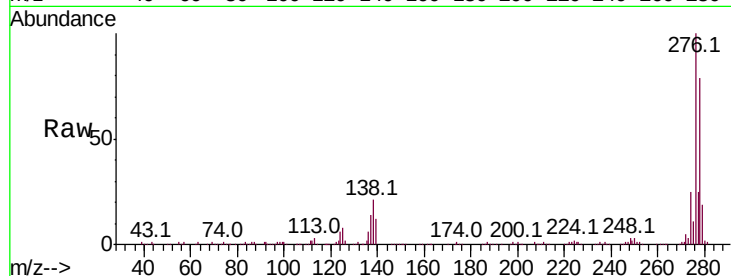




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.690 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

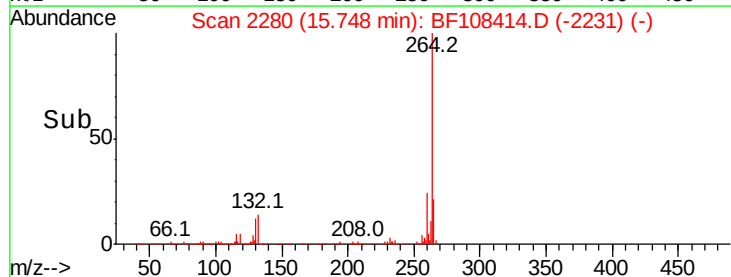
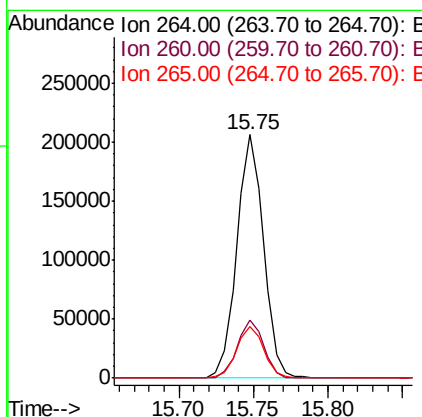
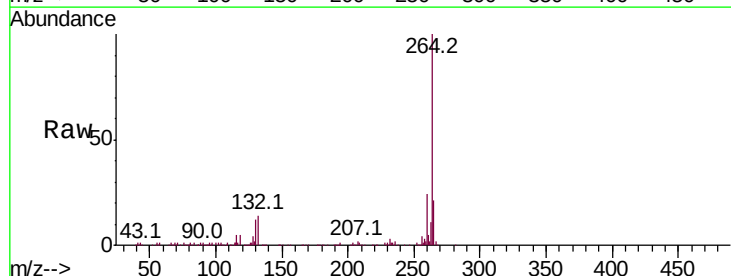
Instrument :
 BNA_F
 ClientSampleId :

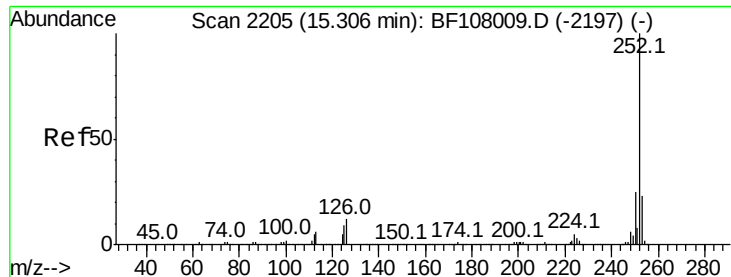
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3

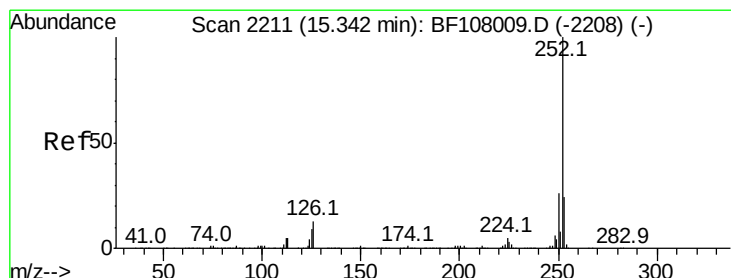
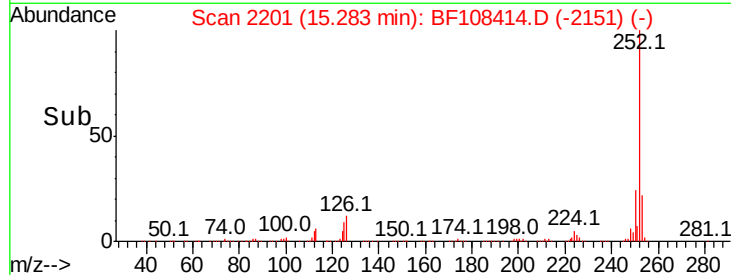
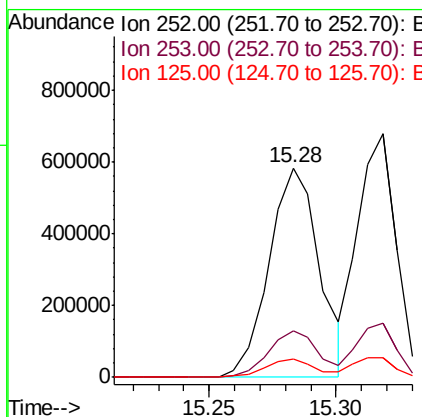
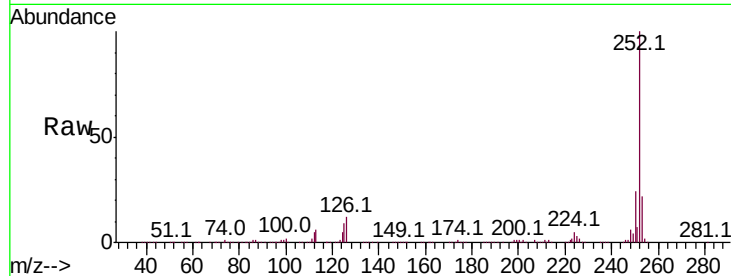




#87
Benzo(b)fluoranthene
Concen: 52.790 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

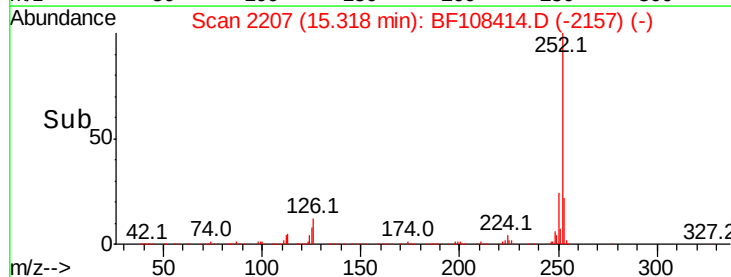
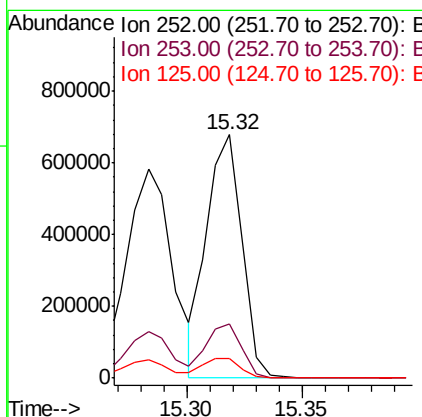
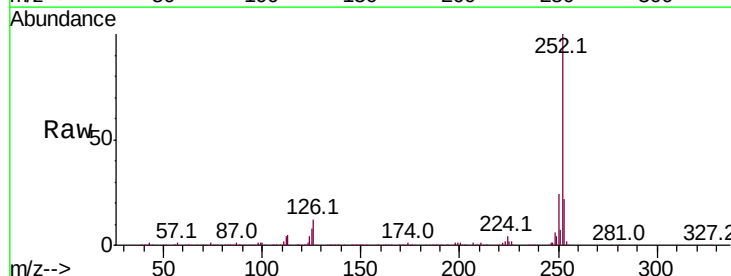
Instrument :
BNA_F
ClientSampleId :

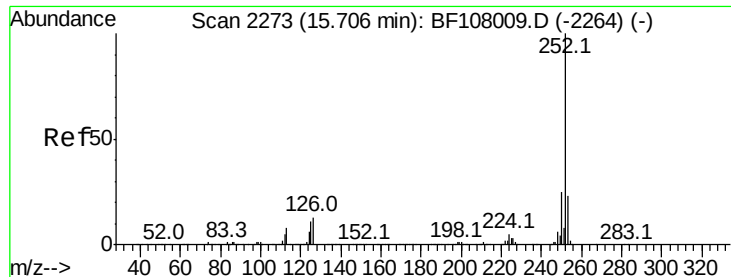
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.9	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 50.584 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108414.D
Acq: 23 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.0	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 49.772 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

Instrument :

BNA_F

ClientSampleId :

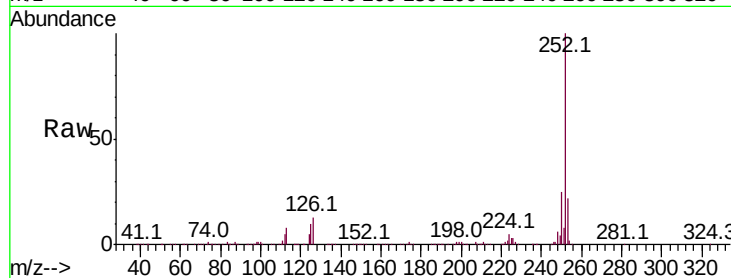
Tot Ion:252 Resp: 684668

Ion Ratio Lower Upper

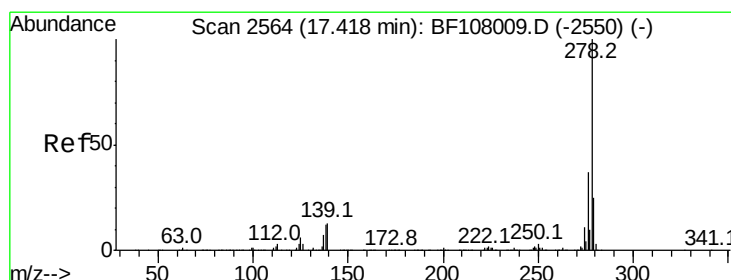
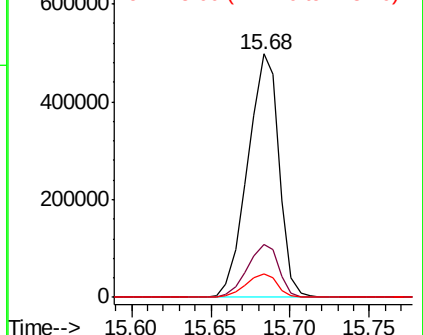
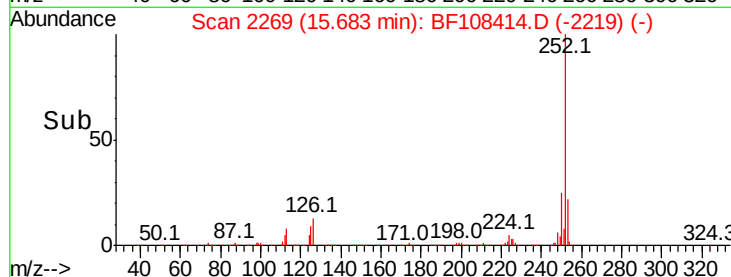
252 100

253 21.8 17.1 25.7

125 9.5 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.598 ng

RT: 17.38 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BF108414.D

Acq: 23 Aug 2018 7:08

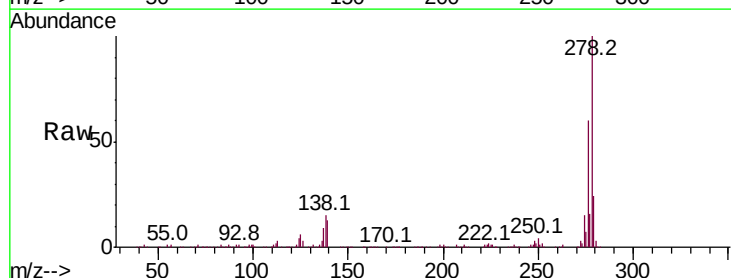
Tgt Ion:278 Resp: 507603

Ion Ratio Lower Upper

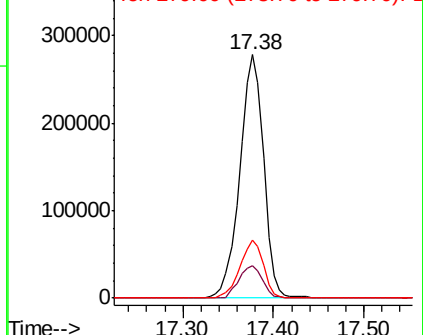
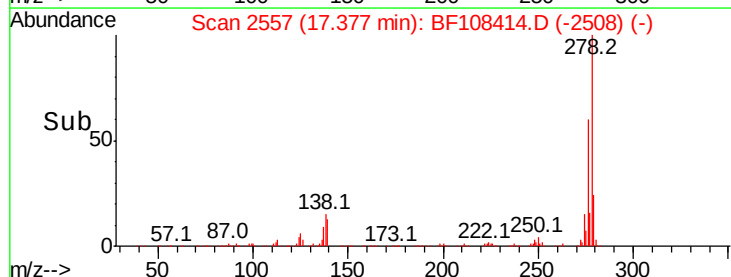
278 100

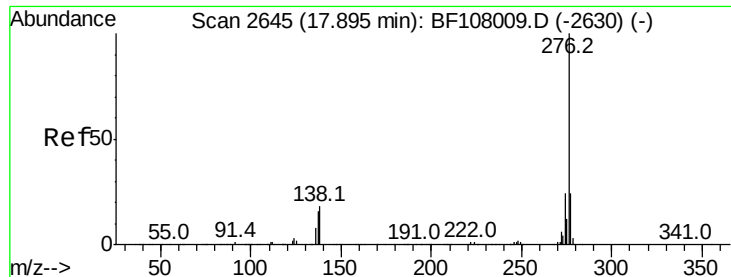
139 13.3 15.9 23.9#

279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.292 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BF108414.D
 Acq: 23 Aug 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	17.4	21.8	32.8

