

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108462.D
 Acq On : 24 Aug 2018 14:42
 Operator : JU/SJ
 Sample : PB112334BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 15:45:36 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	130828	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	535799	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	279133	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	547850	20.00	ng	0.00
75) Chrysene-d12	14.20	240	363713	20.00	ng	0.00
86) Perylene-d12	15.75	264	247666	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	786471	108.84	ng	0.01
7) Phenol-d6	6.63	99	1054718	109.84	ng	0.00
23) Nitrobenzene-d5	7.57	82	688776	71.73	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	330498	118.70	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1390343	79.97	ng	0.00
78) Terphenyl-d14	13.13	244	1424333	99.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	139276	37.509	ng	89
3) Pyridine	3.77	79	373977	39.099	ng	89
4) n-Nitrosodimethylamine	3.74	42	204672	38.028	ng	# 81
6) Aniline	6.67	93	427306	32.714	ng	96
8) 2-Chlorophenol	6.79	128	355501	43.680	ng	95
9) Benzaldehyde	6.55	77	228265	30.660	ng	95
10) Phenol	6.64	94	452944	45.600	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	344445	42.893	ng	95
12) 1,3-Dichlorobenzene	6.94	146	402771	42.800	ng	99
13) 1,4-Dichlorobenzene	7.02	146	405067	42.842	ng	98
14) 1,2-Dichlorobenzene	7.17	146	377904	42.970	ng	98
15) Benzyl Alcohol	7.14	79	318798	39.436	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	649756	39.277	ng	98
17) 2-Methylphenol	7.25	107	319525	45.781	ng	# 93
18) Hexachloroethane	7.51	117	147416	43.794	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	269543	41.509	ng	90
20) 3+4-Methylphenols	7.40	107	380344	42.525	ng	# 73
22) Acetophenone	7.41	105	513945	41.023	ng	# 91
24) Nitrobenzene	7.58	77	401206	41.321	ng	94
25) Isophorone	7.82	82	744696	40.690	ng	97
26) 2-Nitrophenol	7.90	139	182976	49.901	ng	94
27) 2,4-Dimethylphenol	7.93	122	344291	42.386	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	444960	41.647	ng	99
29) 2,4-Dichlorophenol	8.14	162	327691	43.838	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	346028	41.986	ng	96
31) Naphthalene	8.31	128	1048430	43.027	ng	99
32) Benzoic acid	8.05	122	152066	34.220	ng	90
33) 4-Chloroaniline	8.35	127	238063	22.419	ng	99
34) Hexachlorobutadiene	8.41	225	224633	43.055	ng	99
35) Caprolactam	8.73	113	56620	24.171	ng	# 81
36) 4-Chloro-3-methylphenol	8.84	107	347516	43.095	ng	99
37) 2-Methylnaphthalene	9.00	142	735370	42.655	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	371520	43.342	ng	98
40) Hexachlorocyclopentadiene	9.15	237	363884	65.723	ng	98

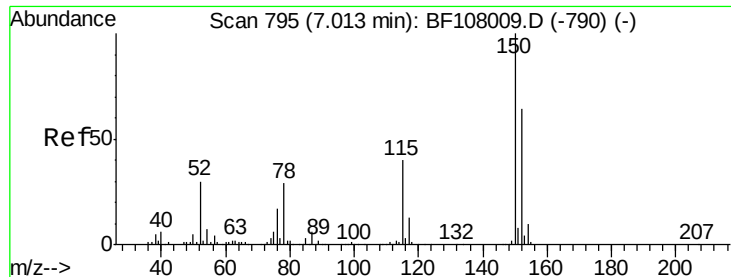
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108462.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	239935	45.107	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	260355	44.463	ng	96
45) 1,1'-Biphenyl	9.47	154	902255	43.840	ng	98
46) 2-Chloronaphthalene	9.50	162	694022	42.667	ng	97
47) 2-Nitroaniline	9.59	65	230204	43.739	ng	88
48) Acenaphthylene	9.91	152	1113293	43.293	ng	99
49) Dimethylphthalate	9.76	163	827654	42.566	ng	99
50) 2,6-Dinitrotoluene	9.83	165	179975	44.241	ng	97
51) Acenaphthene	10.08	154	647653	41.119	ng	98
52) 3-Nitroaniline	10.00	138	133965	30.098	ng	96
53) 2,4-Dinitrophenol	10.11	184	111545	73.858	ng	# 23
54) Dibenzofuran	10.25	168	969822	42.500	ng	95
55) 4-Nitrophenol	10.17	139	250455	74.308	ng	86
56) 2,4-Dinitrotoluene	10.24	165	242789	46.366	ng	# 94
57) Fluorene	10.60	166	775771	42.946	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	216576	44.251	ng	# 89
59) Diethylphthalate	10.46	149	808505	42.941	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	403001	42.815	ng	95
61) 4-Nitroaniline	10.62	138	184298	41.881	ng	93
62) Azobenzene	10.75	77	803241	41.310	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	85384	42.237	ng	88
65) n-Nitrosodiphenylamine	10.71	169	690086	42.626	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	260190	43.702	ng	90
67) Hexachlorobenzene	11.15	284	271601	43.358	ng	# 89
68) Atrazine	11.23	200	239773	44.157	ng	97
69) Pentachlorophenol	11.35	266	246629	82.256	ng	99
70) Phenanthrene	11.57	178	1105811	42.794	ng	99
71) Anthracene	11.62	178	1142122	43.125	ng	99
72) Carbazole	11.78	167	969610	41.206	ng	99
73) Di-n-butylphthalate	12.09	149	1228321	46.086	ng	99
74) Fluoranthene	12.77	202	1159189	41.104	ng	95
76) Benzidine	12.88	184	597534	43.971	ng	99
77) Pyrene	13.00	202	1157493	50.267	ng	100
79) Butylbenzylphthalate	13.60	149	485562	53.104	ng	97
80) Benzo(a)anthracene	14.19	228	909875	43.590	ng	100
81) 3,3'-Dichlorobenzidine	14.14	252	153663	20.542	ng	# 98
82) Chrysene	14.22	228	829810	43.362	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	656363	53.009	ng	# 99
84) Di-n-octyl phthalate	14.77	149	960123	50.844	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	674372	40.671	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	668869	45.197	ng	# 97
88) Benzo(k)fluoranthene	15.32	252	566877	41.670	ng	# 95
89) Benzo(a)pyrene	15.68	252	584768	44.126	ng	# 97
90) Dibenzo(a,h)anthracene	17.38	278	567373	51.745	ng	# 92
91) Benzo(g,h,i)perylene	17.87	276	567964	52.604	ng	# 89

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

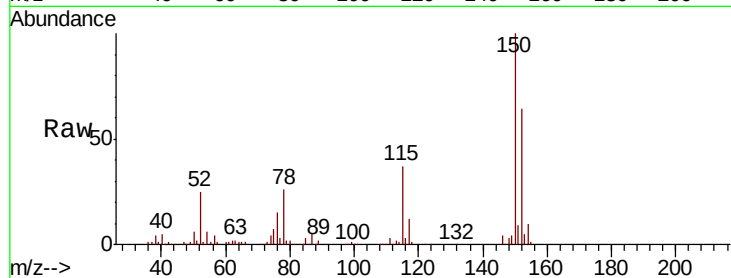


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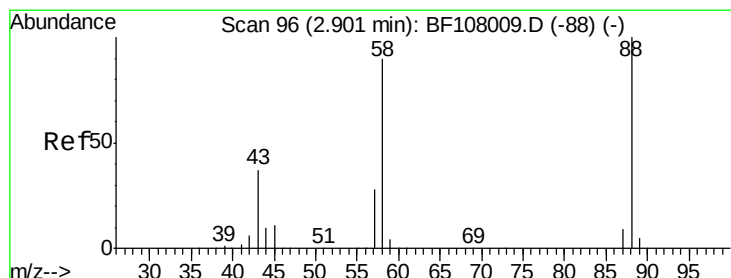
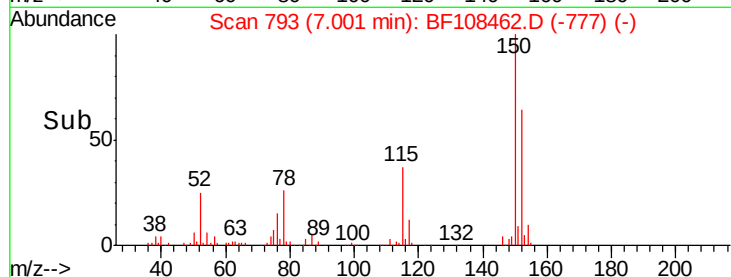
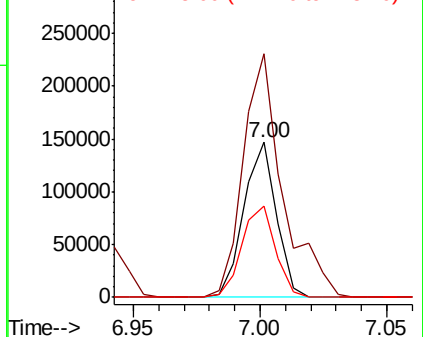
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 130828
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 58.8 50.1 75.1



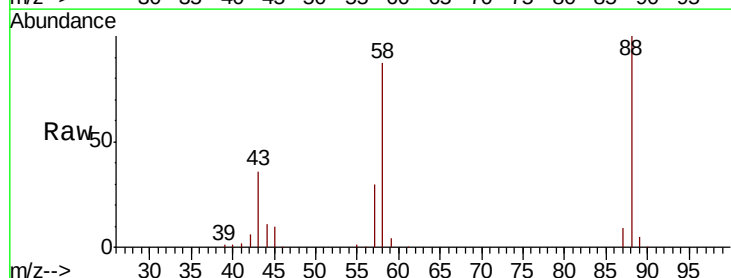
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



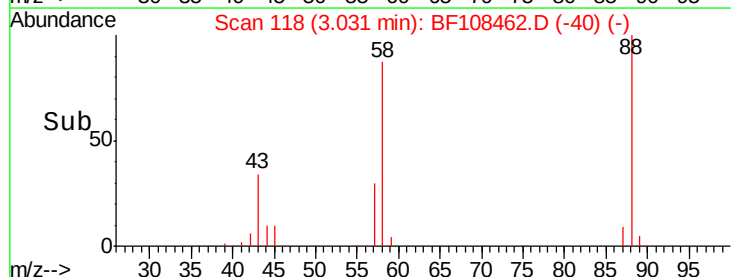
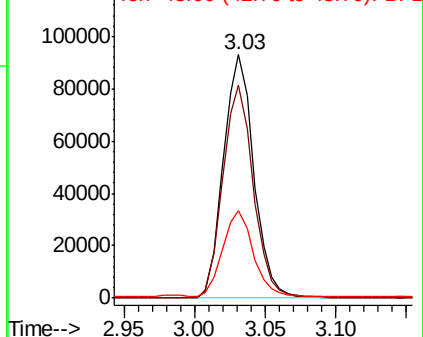
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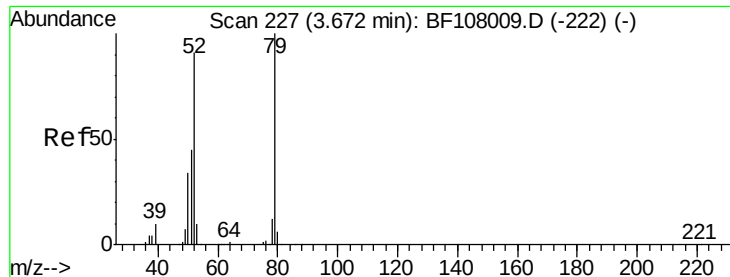
1,4-Dioxane
Concen: 37.509 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.16 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion: 88 Resp: 139276
Ion Ratio Lower Upper
88 100
58 88.3 62.6 93.8
43 35.3 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: 39.099 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.11 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

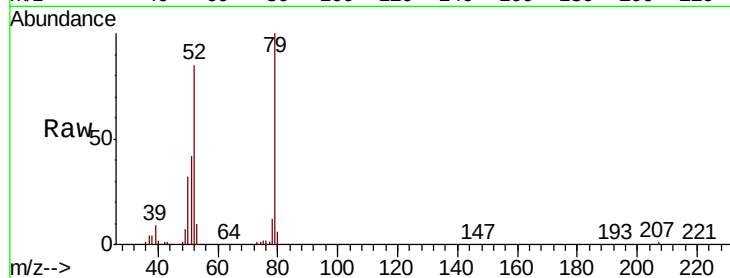
Tot Ion: 79 Resp: 373977

Ion Ratio Lower Upper

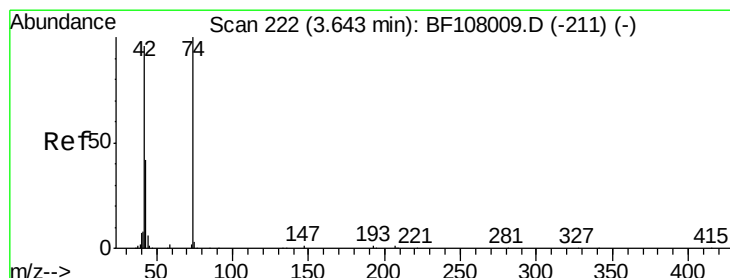
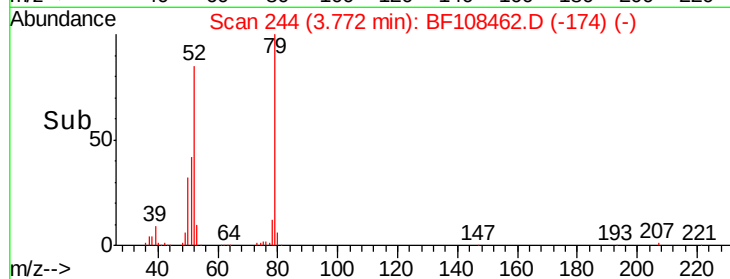
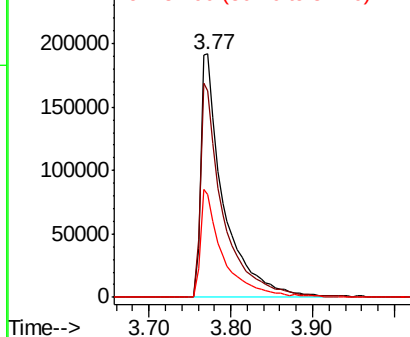
79 100

52 84.8 59.8 89.6

51 42.3 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 38.028 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

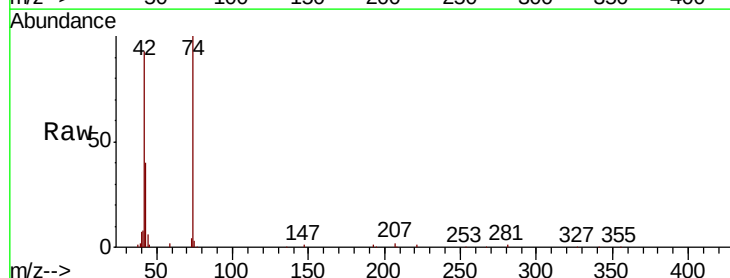
Tgt Ion: 42 Resp: 204672

Ion Ratio Lower Upper

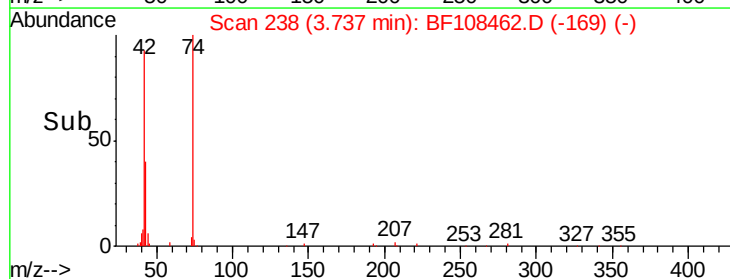
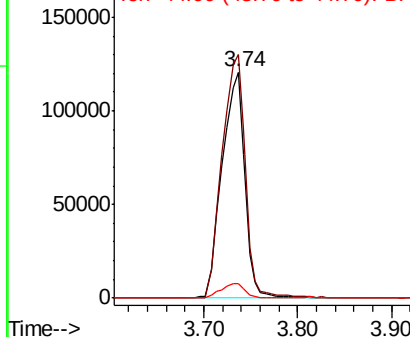
42 100

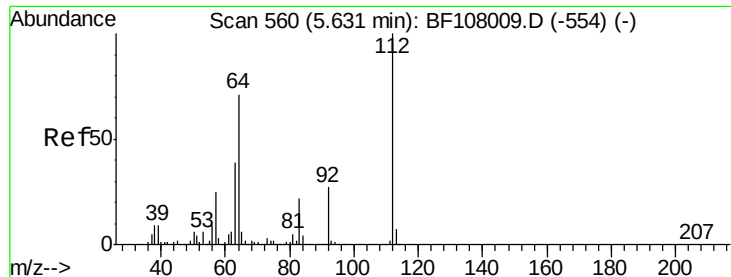
74 107.7 104.9 157.3

44 6.5 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.835 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

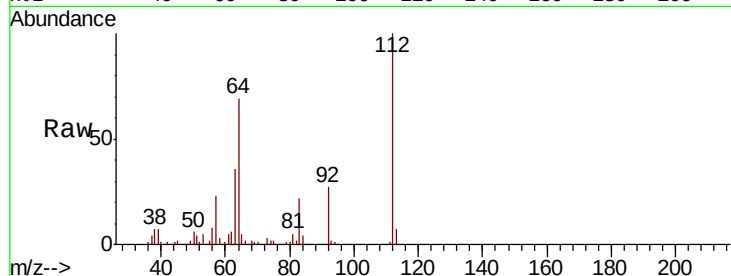
Tot Ion:112 Resp: 786471

Ion Ratio Lower Upper

112 100

64 68.9 47.9 71.9

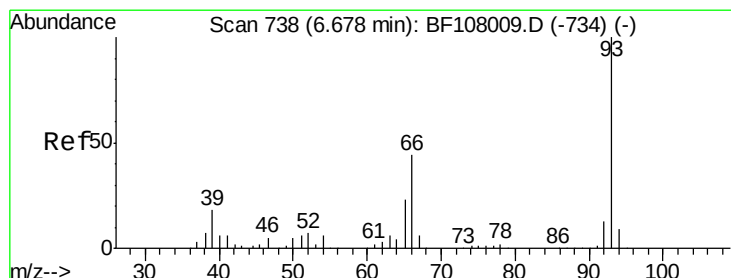
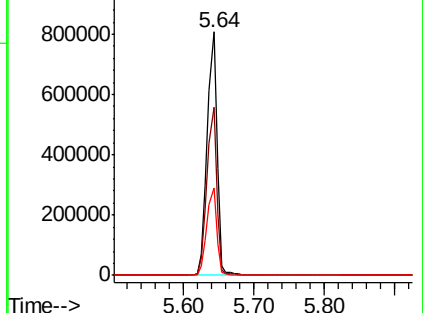
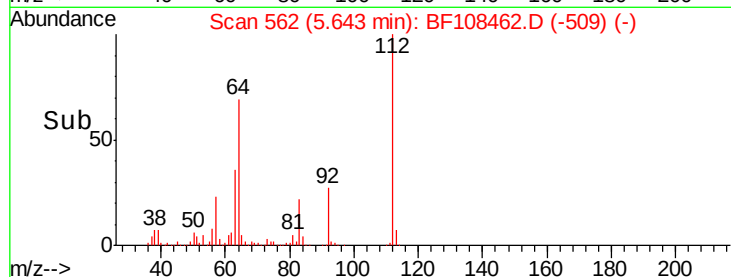
63 36.2 23.7 35.5#



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: 32.714 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

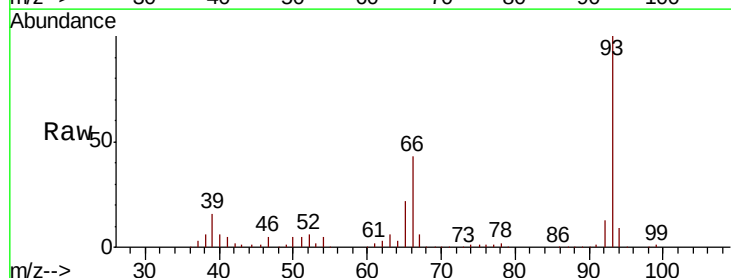
Tgt Ion: 93 Resp: 427306

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

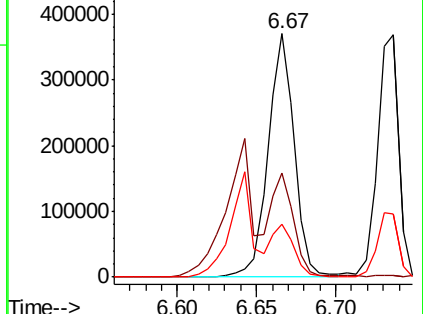
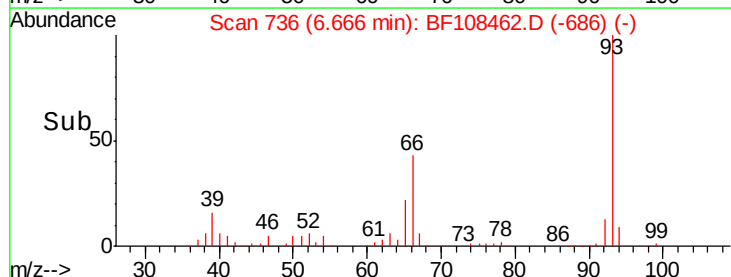
65 21.8 16.4 24.6

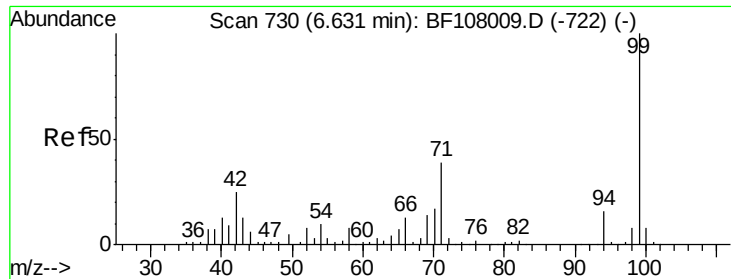


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.835 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

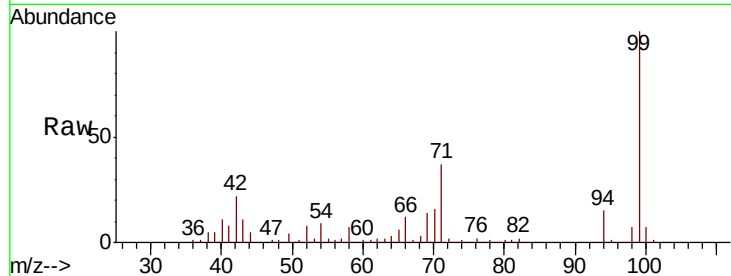
Tot Ion: 99 Resp: 1054718

Ion Ratio Lower Upper

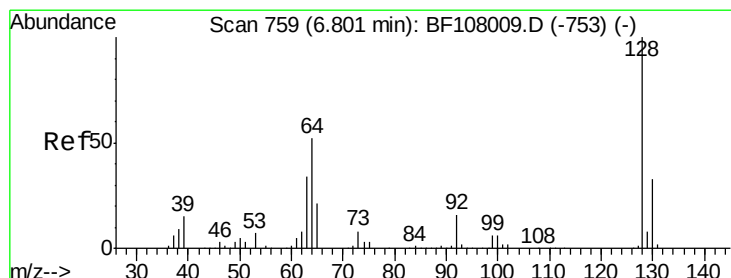
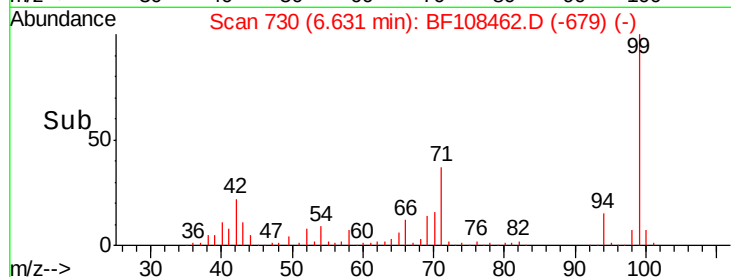
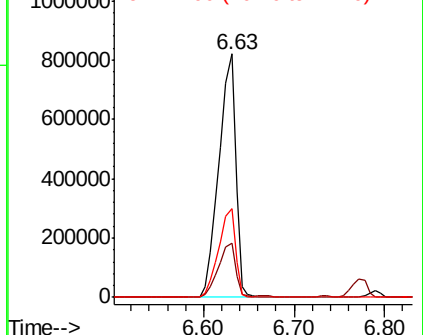
99 100

42 22.3 14.5 21.7#

71 36.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 43.680 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

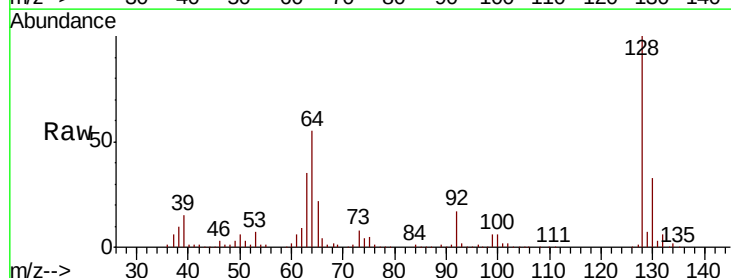
Tgt Ion:128 Resp: 355501

Ion Ratio Lower Upper

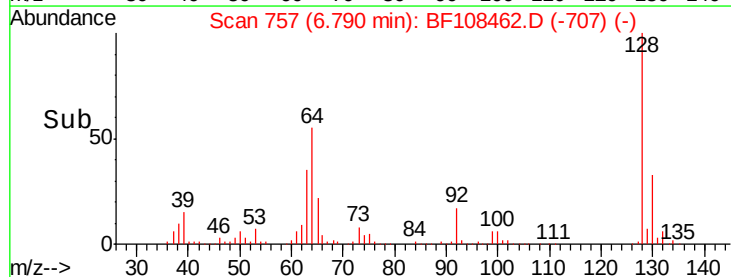
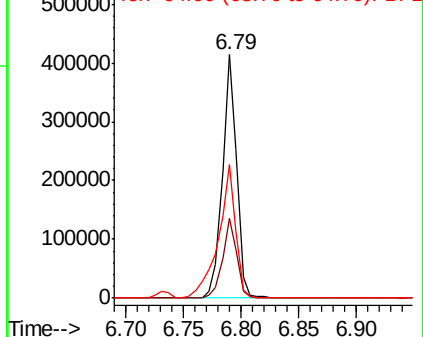
128 100

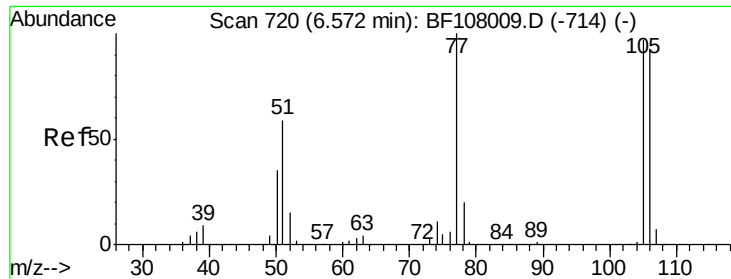
130 32.8 13.0 53.0

64 54.7 29.4 69.4



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

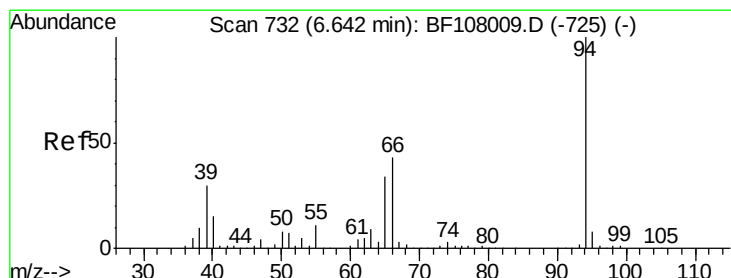
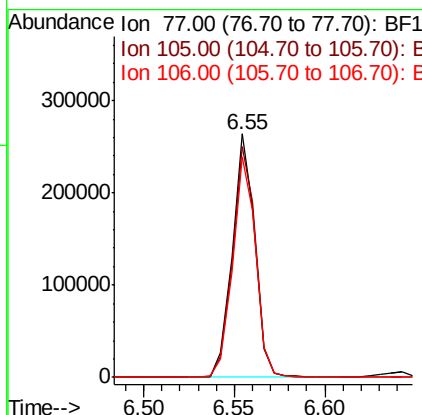
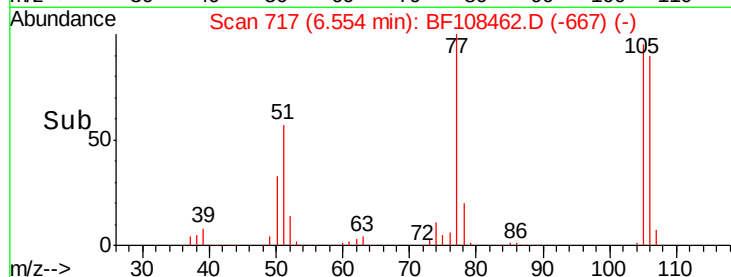
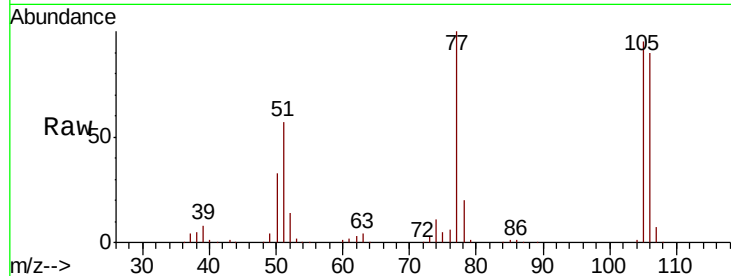




#9
Benzaldehyde
Concen: 30.660 ng
RT: 6.55 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

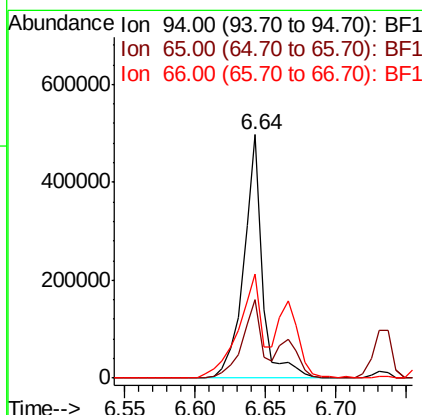
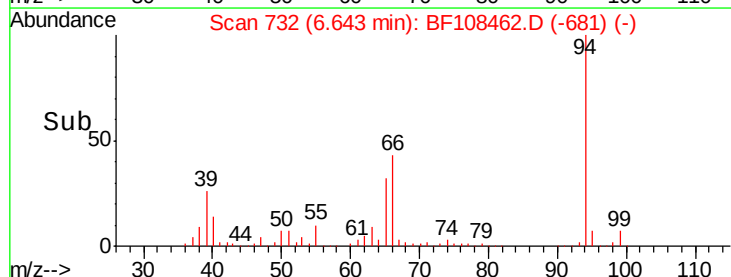
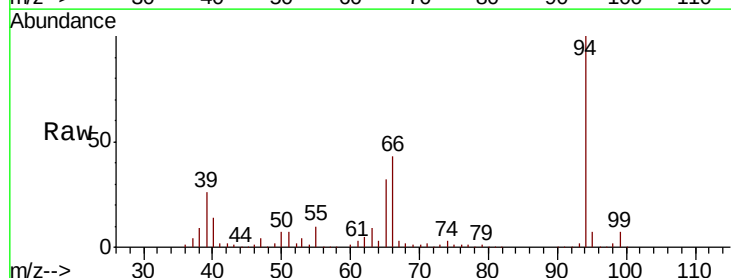
Instrument :
BNA_G
ClientSampled :

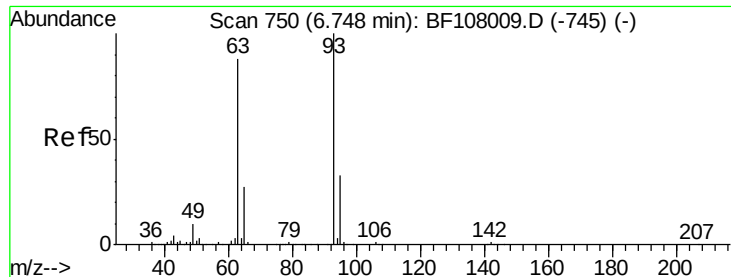
Tot Ion: 77 Resp: 228265
Ion Ratio Lower Upper
77 100
105 95.1 81.1 121.1
106 90.4 74.5 114.5



#10
Phenol
Concen: 45.600 ng
RT: 6.64 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion: 94 Resp: 452944
Ion Ratio Lower Upper
94 100
65 32.2 7.9 47.9
66 42.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.893 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

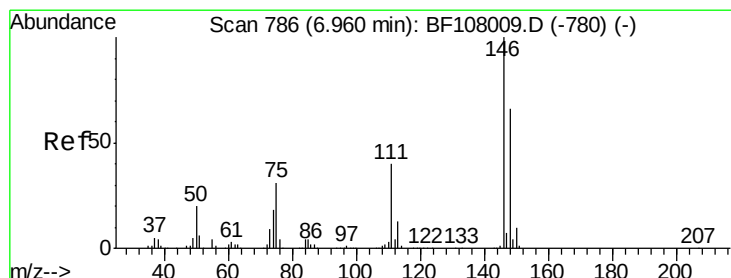
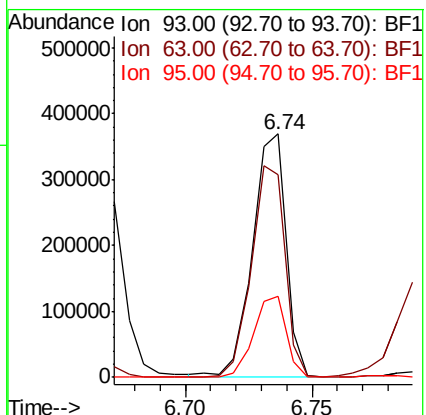
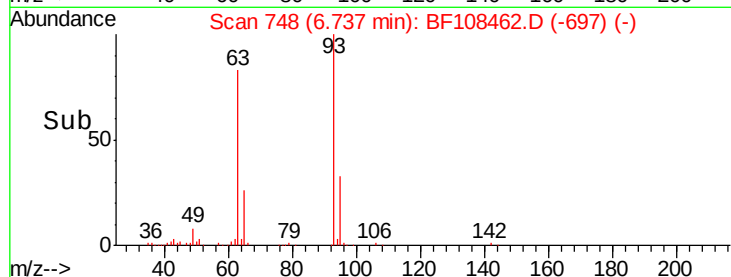
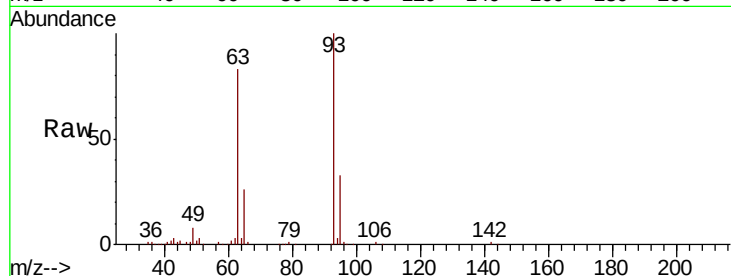
Tot Ion: 93 Resp: 344445

Ion Ratio Lower Upper

93 100

63 83.3 58.6 98.6

95 33.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.800 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

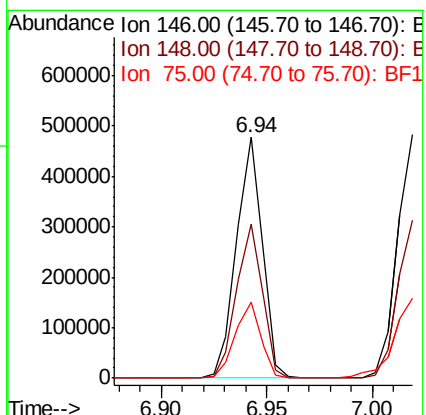
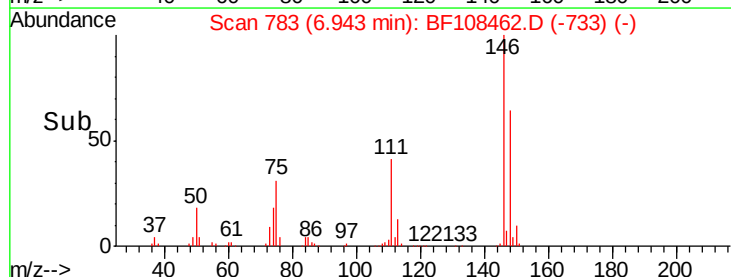
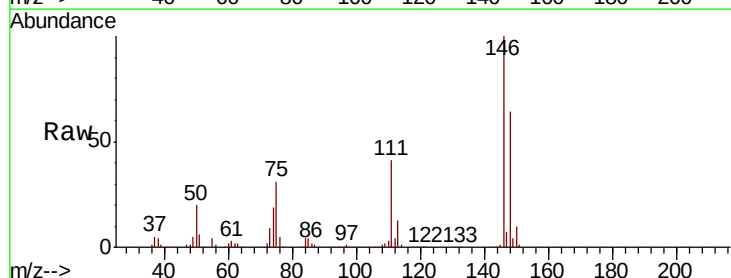
Tgt Ion: 146 Resp: 402771

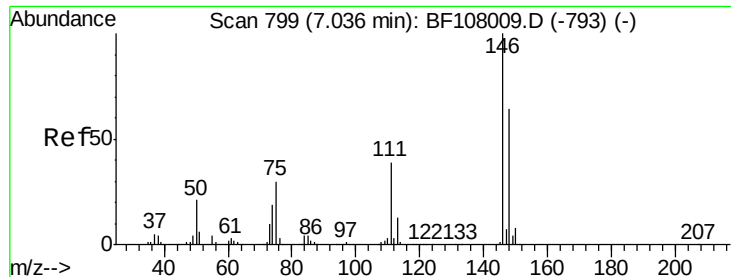
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

75 31.3 24.2 36.4

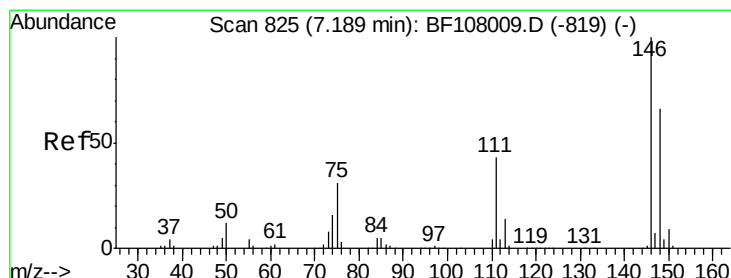
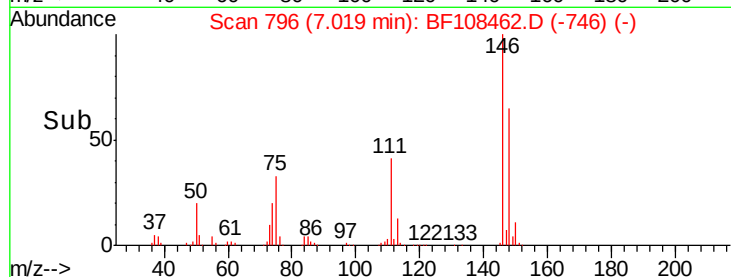
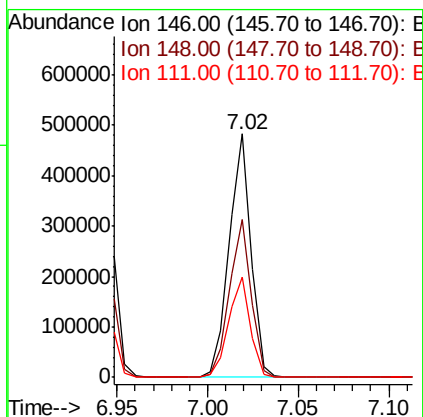
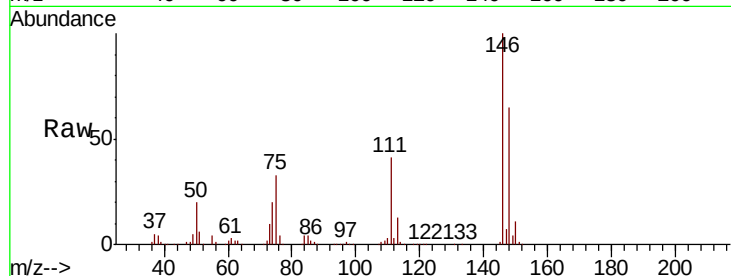




#13
 1,4-Dichlorobenzene
 Concen: 42.842 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

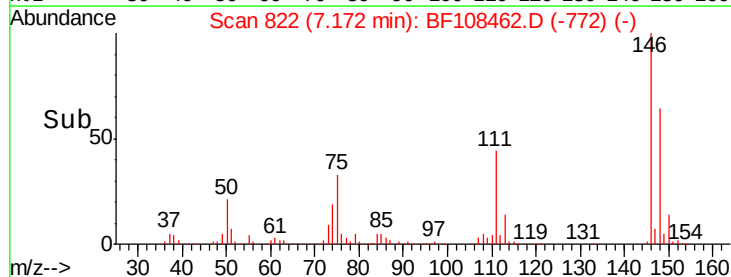
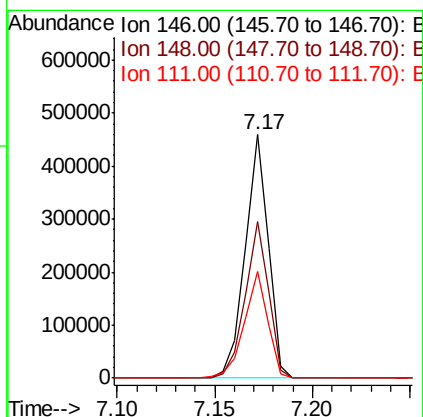
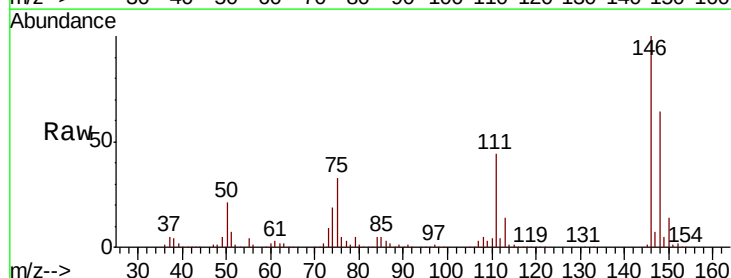
Instrument :
 BNA_G
 ClientSampleId :

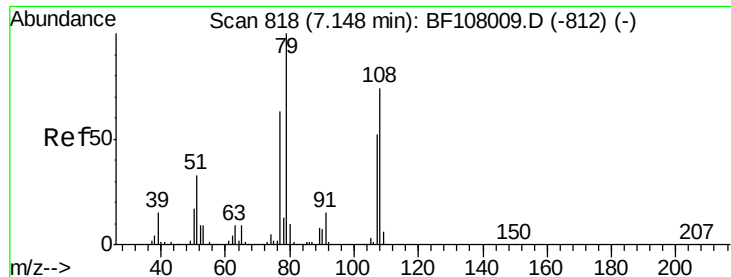
Tot Ion:146 Resp: 405067
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 41.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.970 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion:146 Resp: 377904
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.436 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

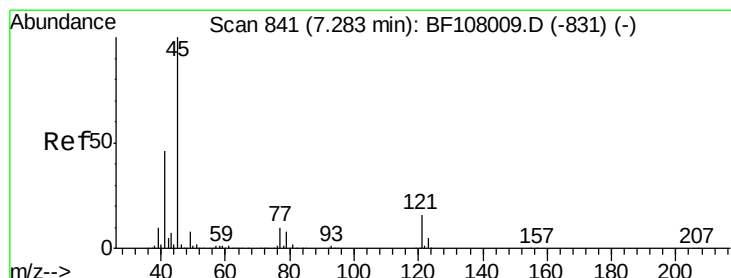
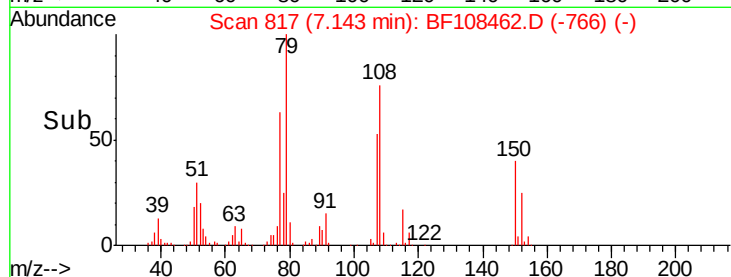
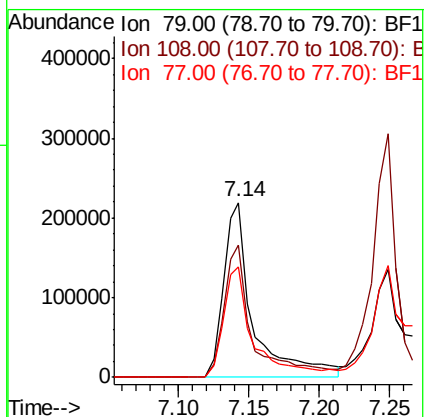
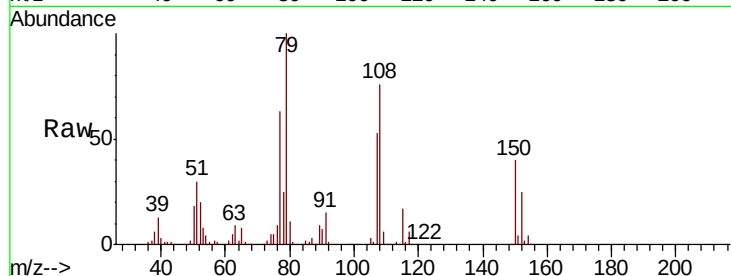
Tot Ion: 79 Resp: 318798

Ion Ratio Lower Upper

79 100

108 75.6 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.277 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

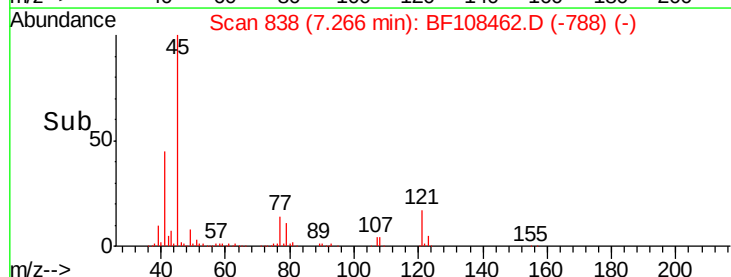
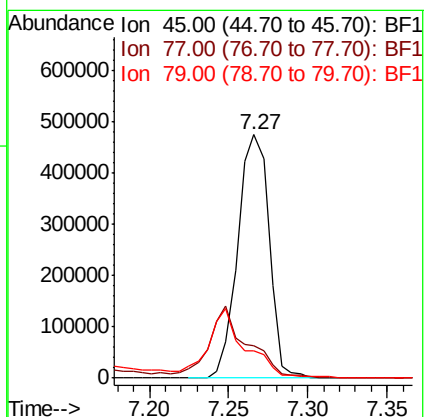
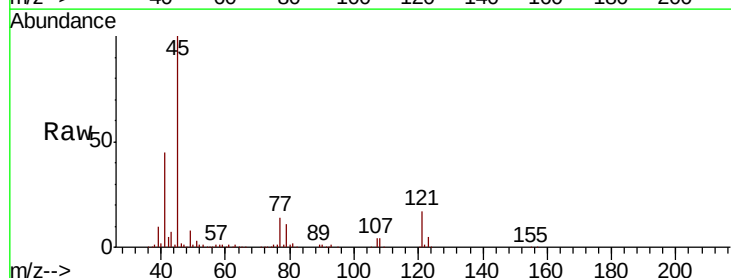
Tgt Ion: 45 Resp: 649756

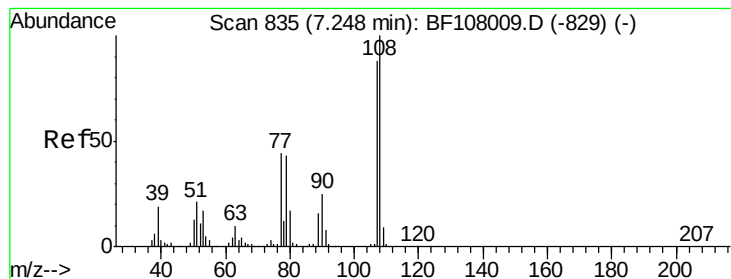
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 11.0 0.0 29.6

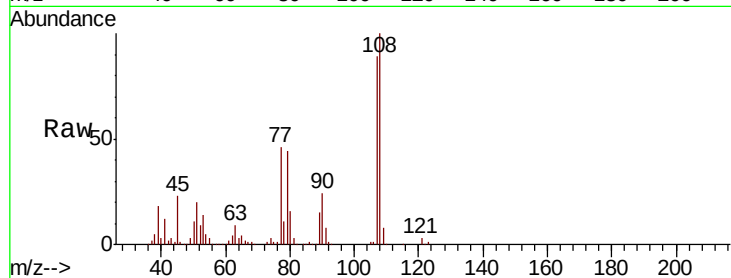




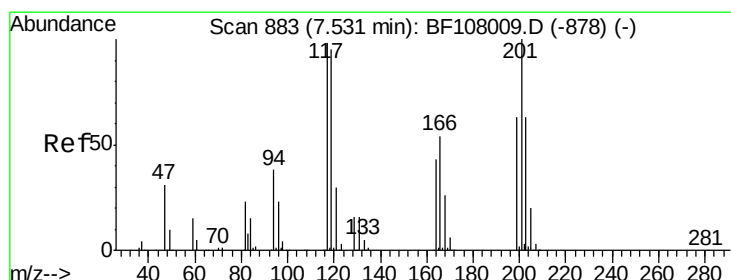
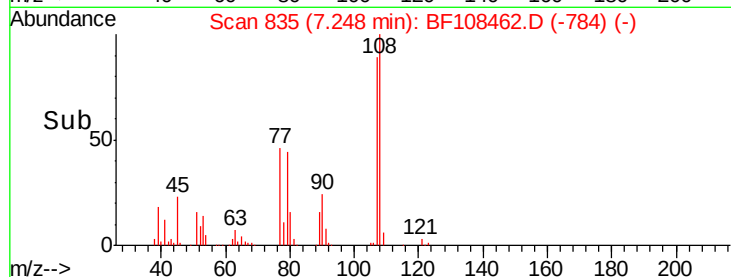
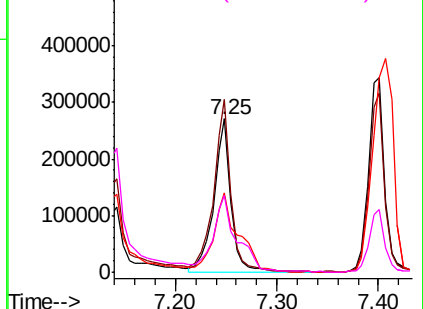
#17
2-Methylphenol
Concen: 45.781 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	319525
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	51.5	33.8	50.8#
79	49.9	33.8	50.8

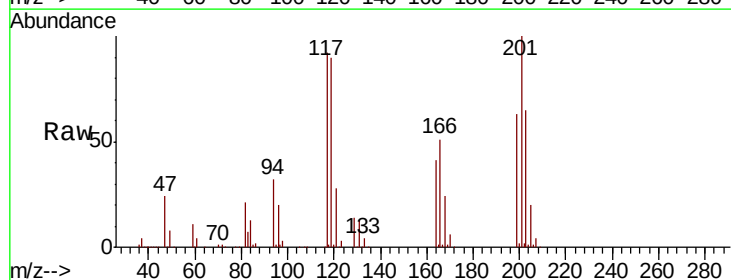


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

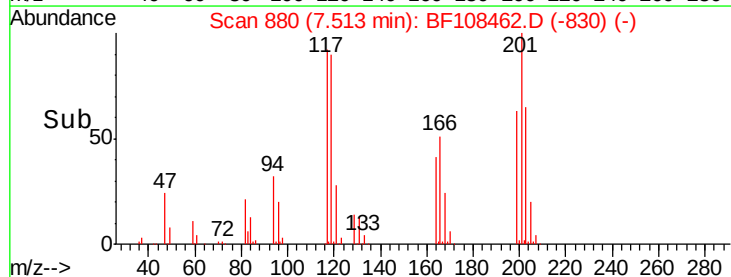
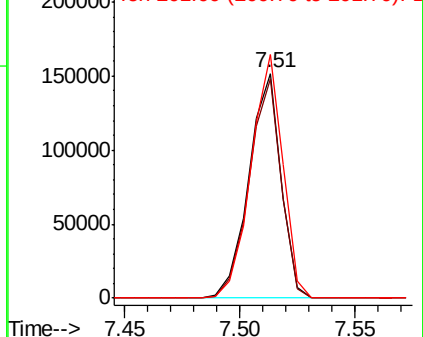


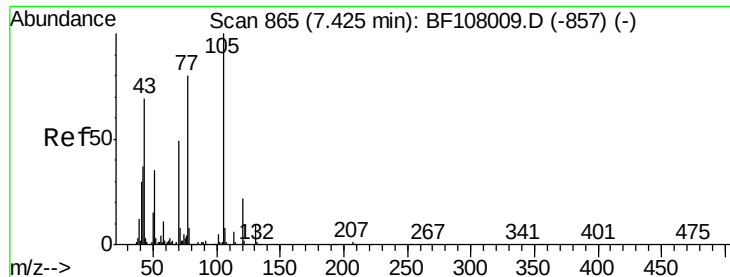
#18
Hexachloroethane
Concen: 43.794 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:	117	Resp:	147416
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	108.2	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: 41.509 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 269543

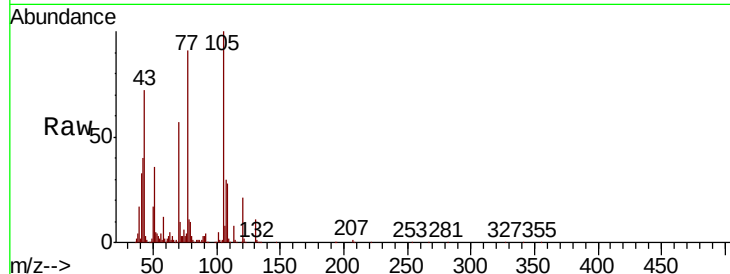
Ion Ratio Lower Upper

70 100

42 70.4 47.5 71.3

101 9.3 7.4 11.2

130 19.6 16.6 25.0

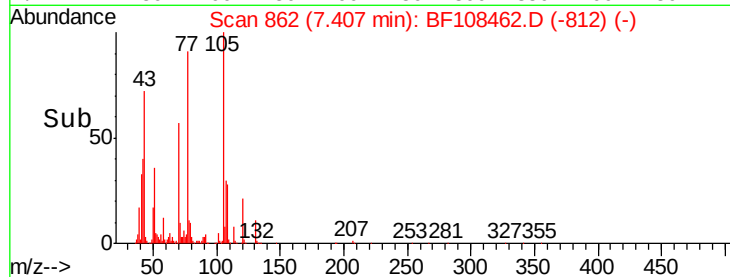
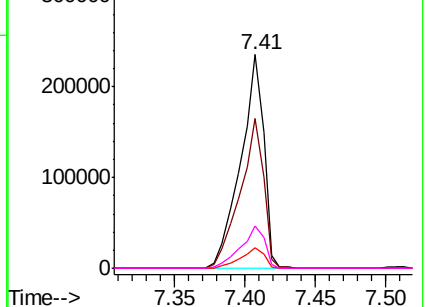


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.525 ng

RT: 7.40 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:107 Resp: 380344

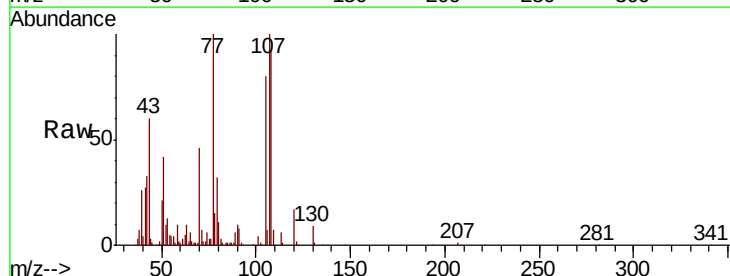
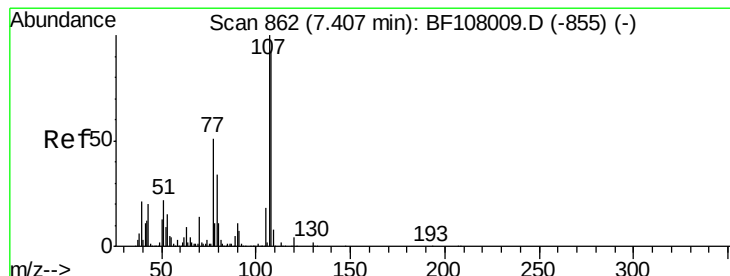
Ion Ratio Lower Upper

107 100

108 91.8 68.2 108.2

77 99.9 26.7 66.7#

79 32.2 6.3 46.3

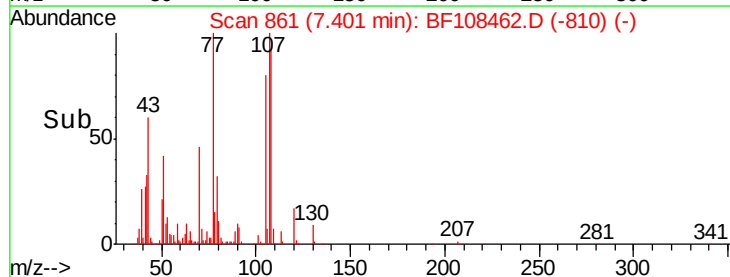
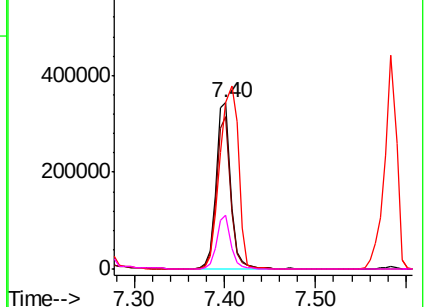


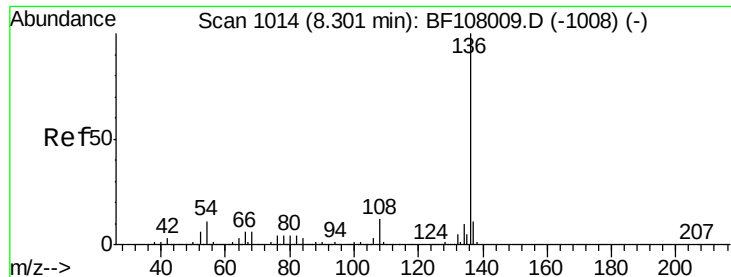
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

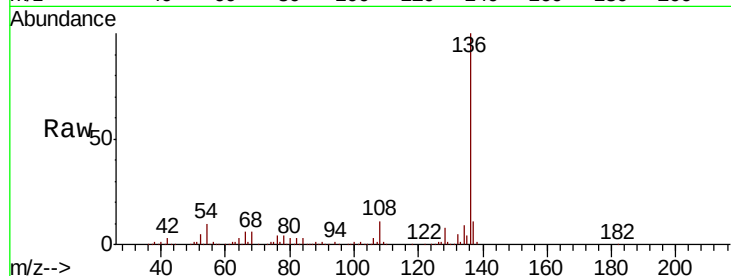




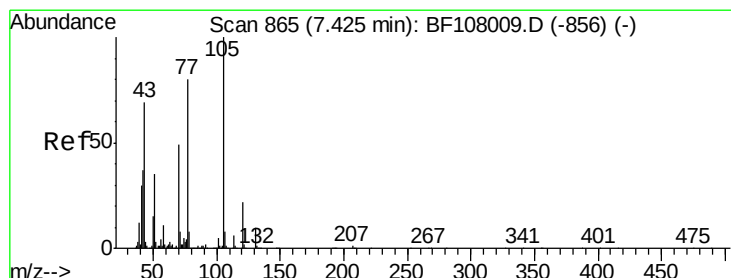
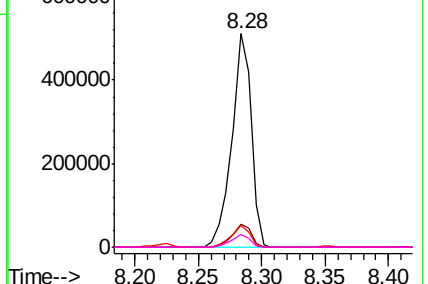
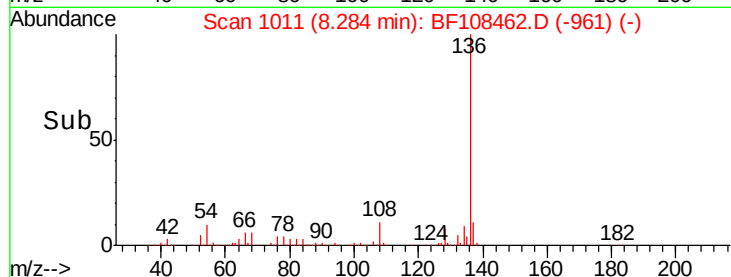
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	535799
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.1	6.6 9.8#
68	6.0	5.0 7.4

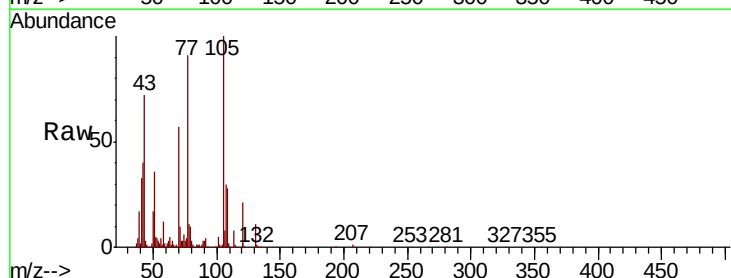


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

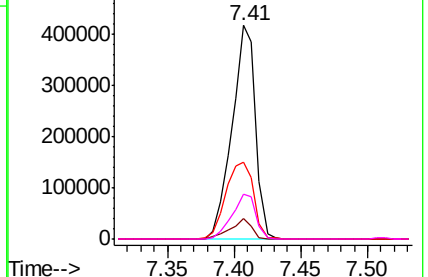
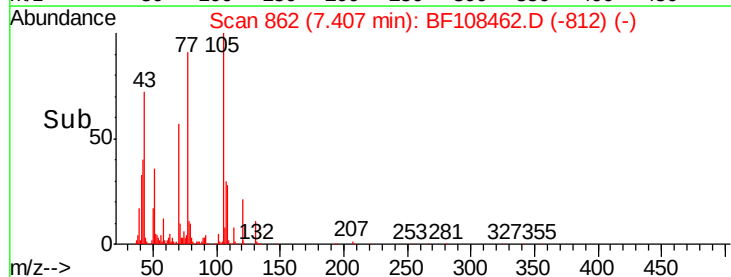


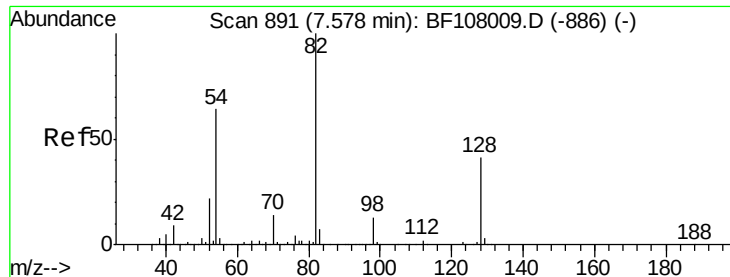
#22
Acetophenone
Concen: 41.023 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:105	Resp:	513945
Ion Ratio	Lower	Upper
105	100	
71	9.5	4.4 6.6#
51	35.9	22.3 33.5#
120	21.1	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
600000
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

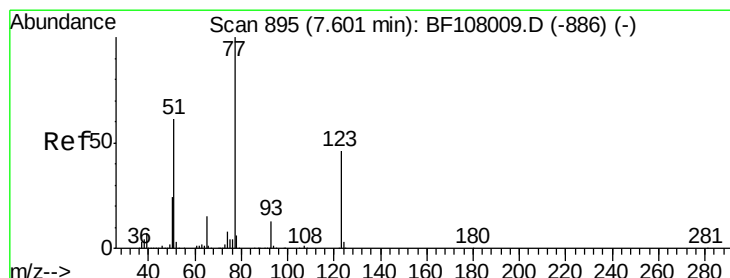
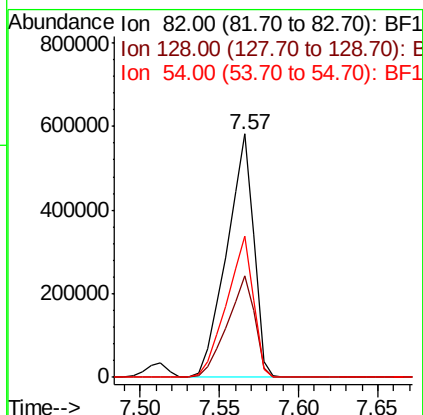
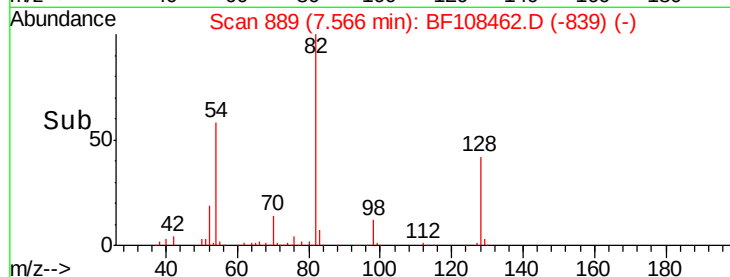
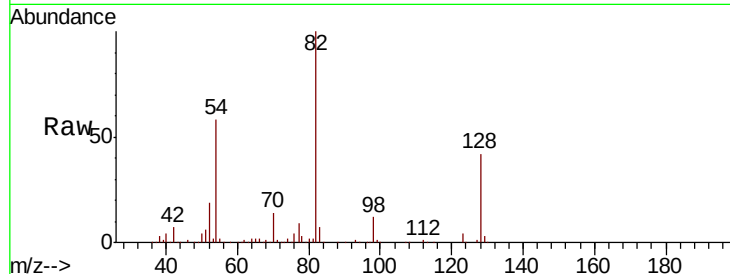




#23
 Nitrobenzene-d5
 Concen: 71.733 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

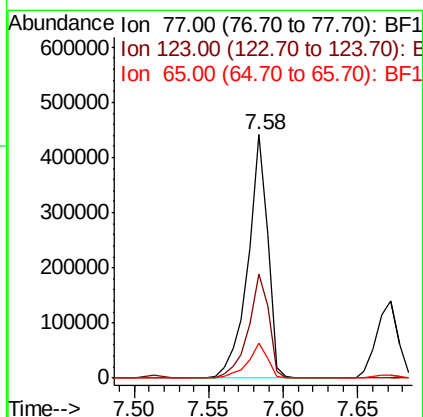
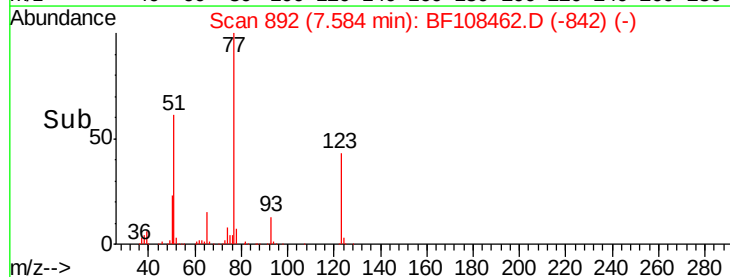
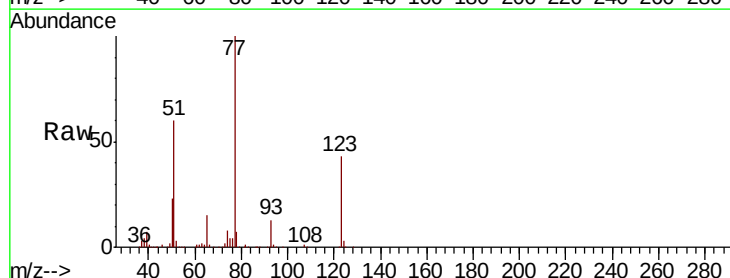
Instrument :
 BNA_G
 ClientSampleId :

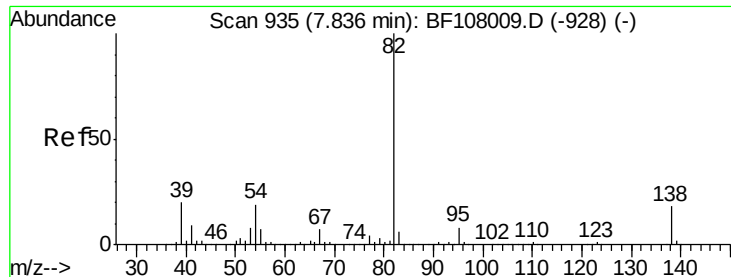
Tot Ion	82	Resp	688776
Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	57.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.321 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	77	Resp	401206
Ion	Ratio	Lower	Upper
77	100		
123	42.7	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 40.690 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampleId :

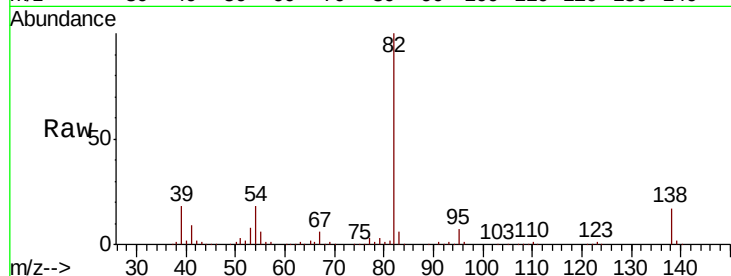
Tot Ion: 82 Resp: 744696

Ion Ratio Lower Upper

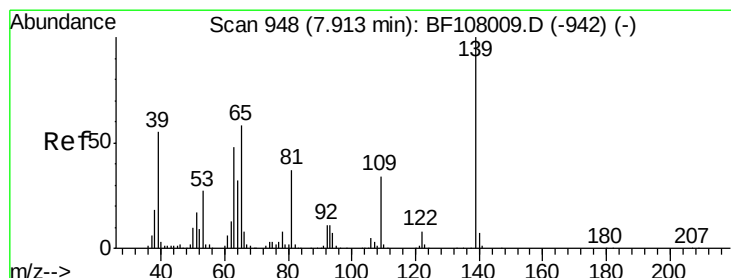
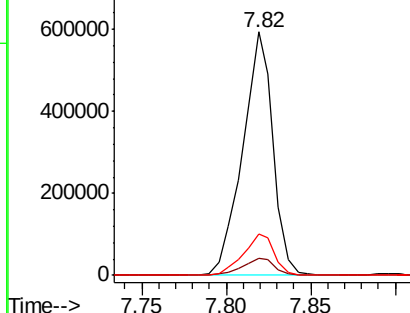
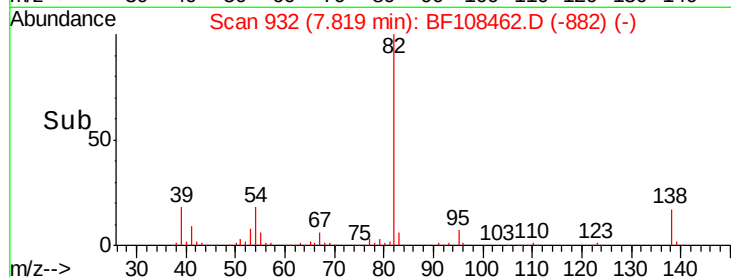
82 100

95 7.0 5.2 7.8

138 16.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.901 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

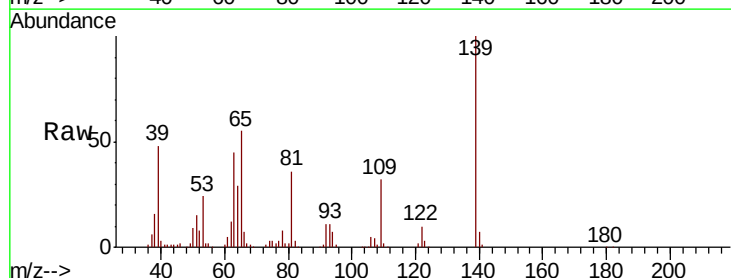
Tgt Ion: 139 Resp: 182976

Ion Ratio Lower Upper

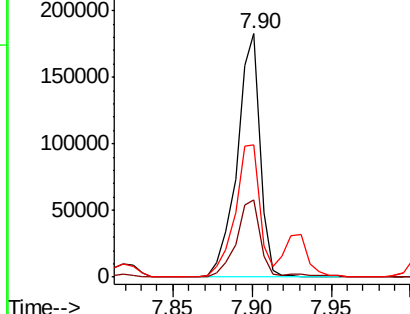
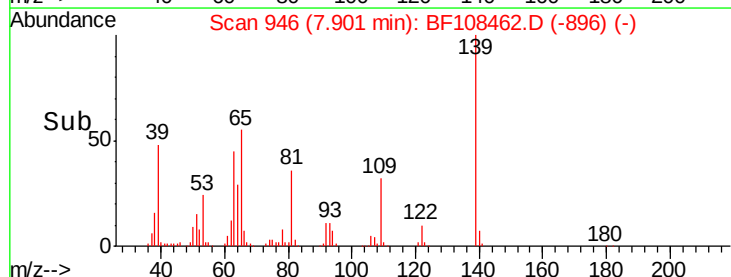
139 100

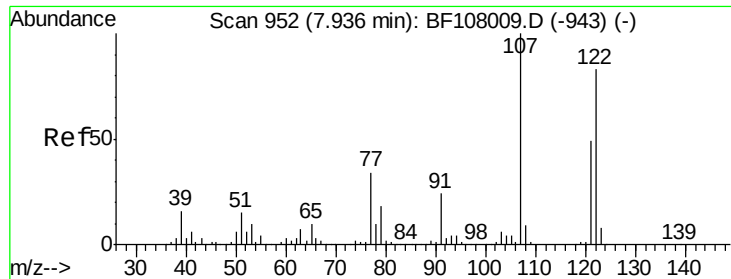
109 32.0 22.7 34.1

65 54.5 40.5 60.7



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

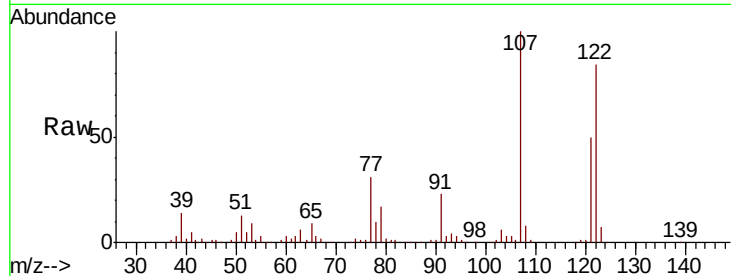




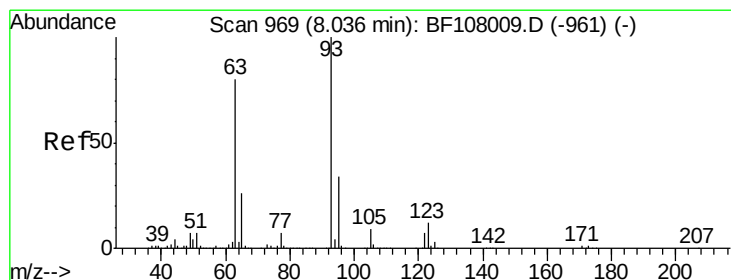
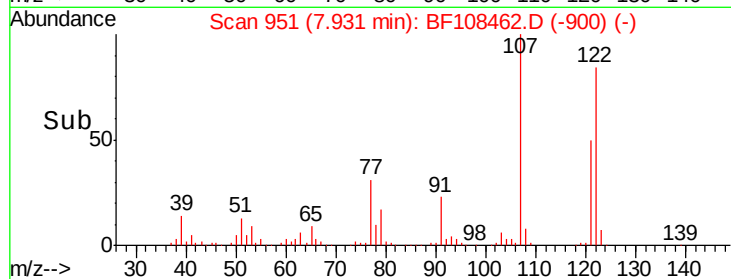
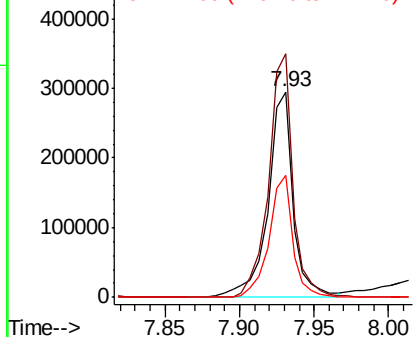
#27
 2,4-Dimethylphenol
 Concen: 42.386 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.6	91.2	136.8
121	59.3	47.2	70.8

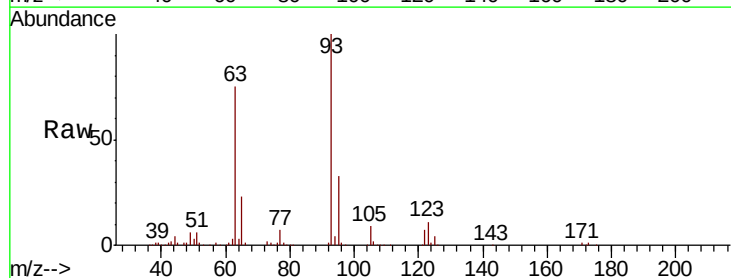


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

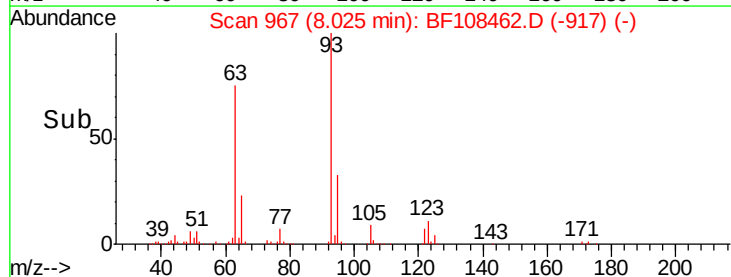
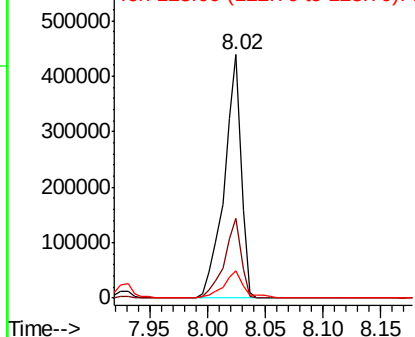


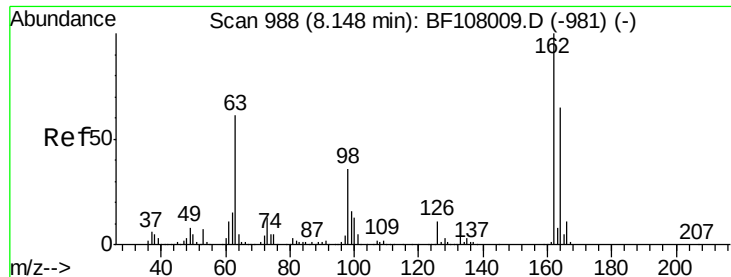
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.647 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.4	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

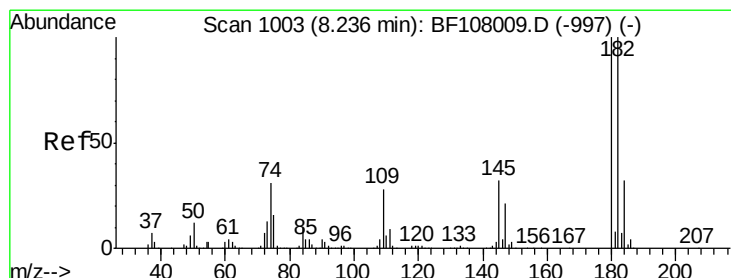
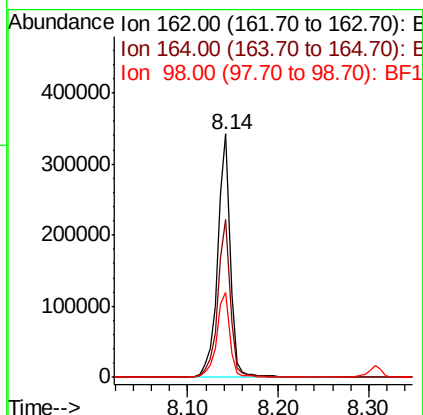
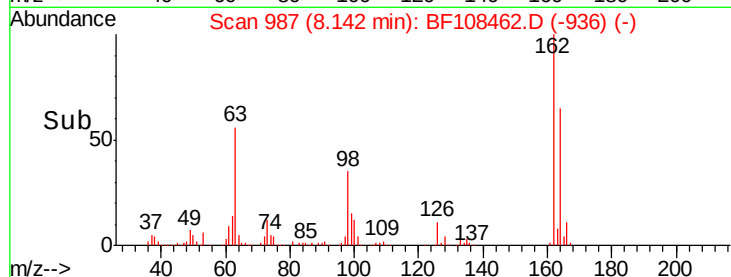
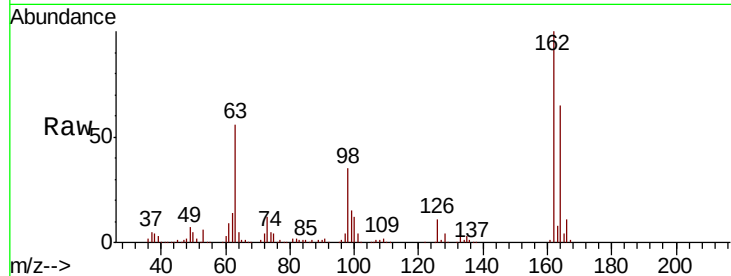




#29
 2,4-Dichlorophenol
 Concen: 43.838 ng
 RT: 8.14 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

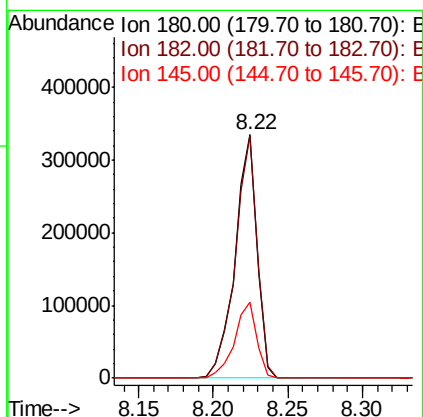
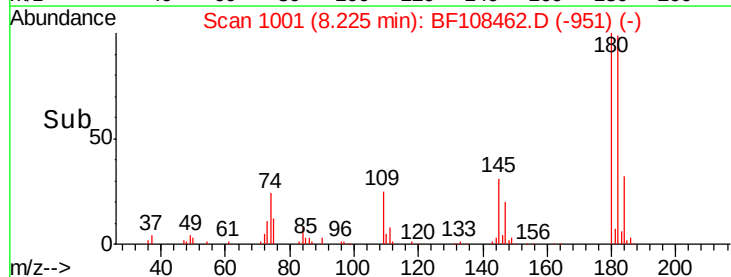
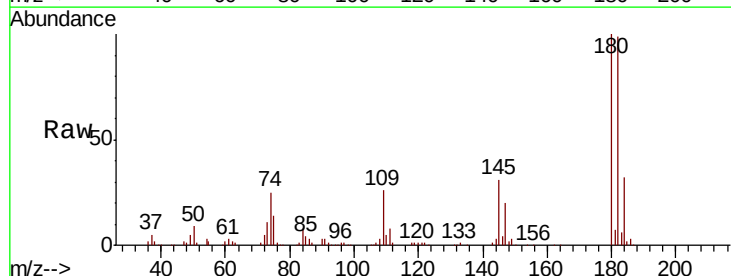
Instrument :
 BNA_G
 ClientSampled :

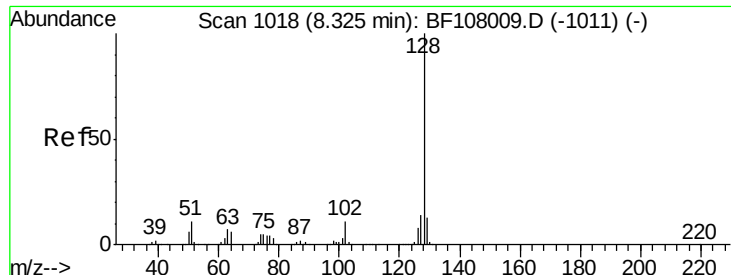
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	35.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.986 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	31.0	26.5	39.7

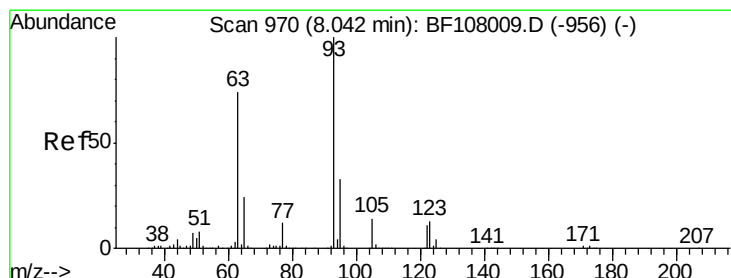
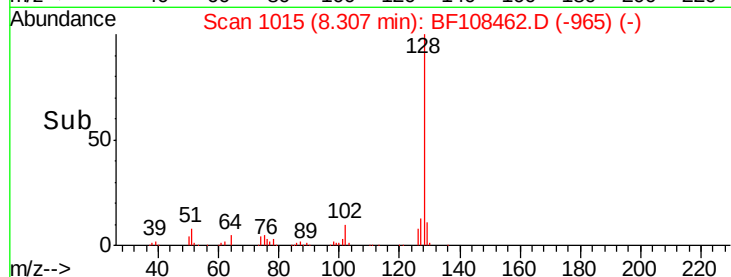
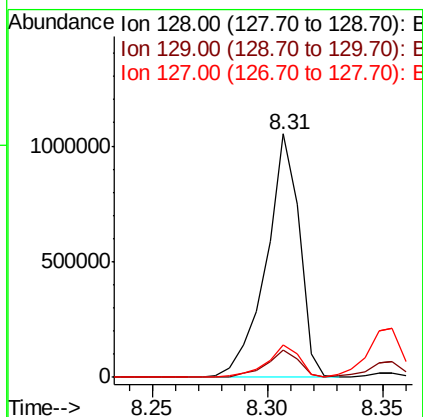
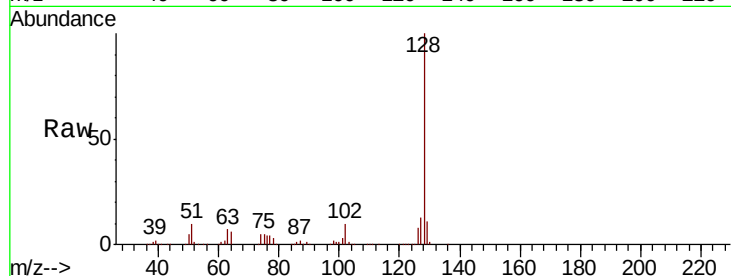




#31
Naphthalene
Concen: 43.027 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

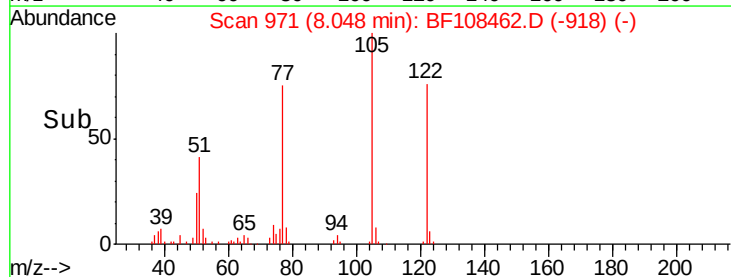
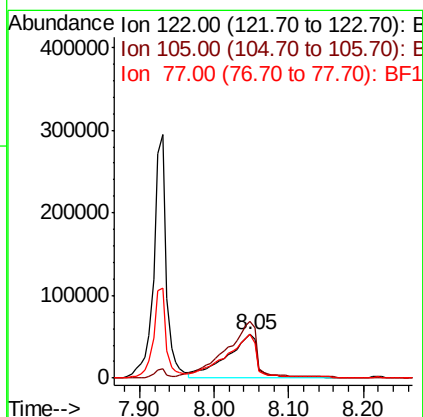
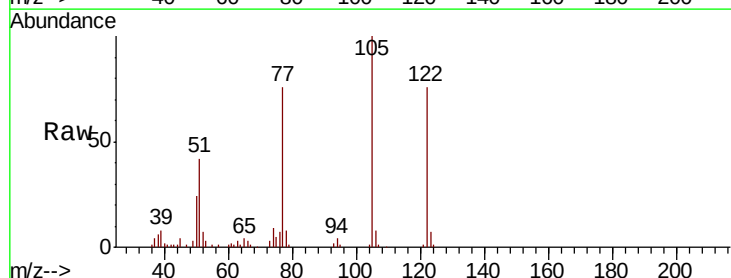
Instrument :
BNA_G
ClientSampled :

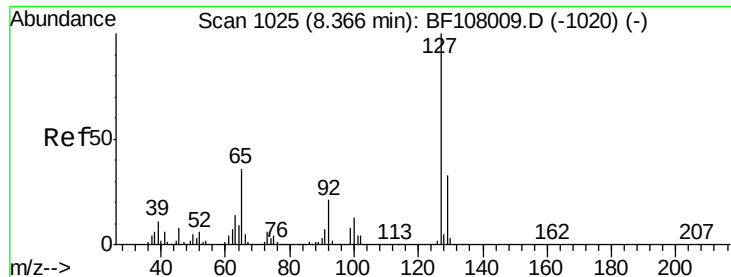
Tot Ion:128 Resp: 1048430
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 34.220 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:122 Resp: 152066
Ion Ratio Lower Upper
122 100
105 131.5 101.1 141.1
77 100.5 70.7 110.7

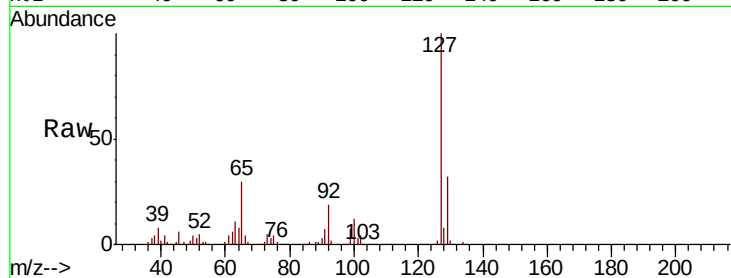




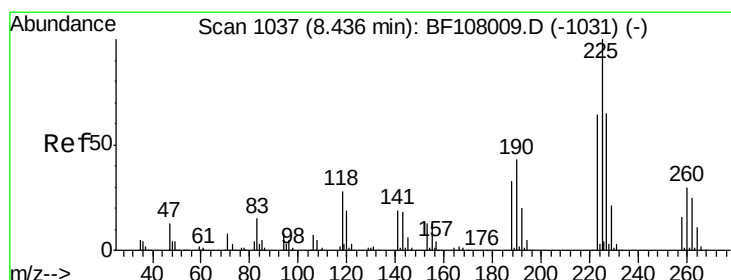
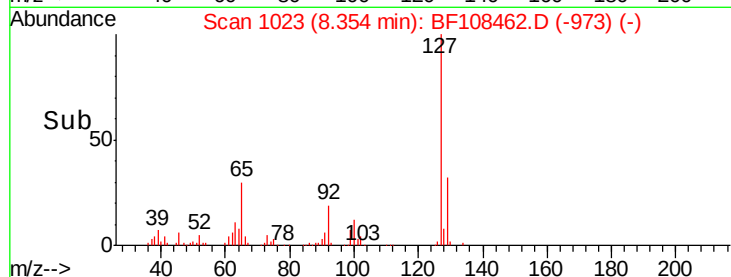
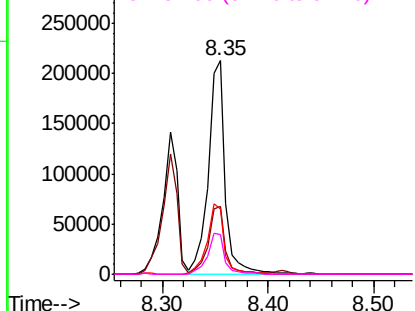
#33
4-Chloroaniline
Concen: 22.419 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	238063
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	30.3	25.0	37.4
92	18.9	15.2	22.8

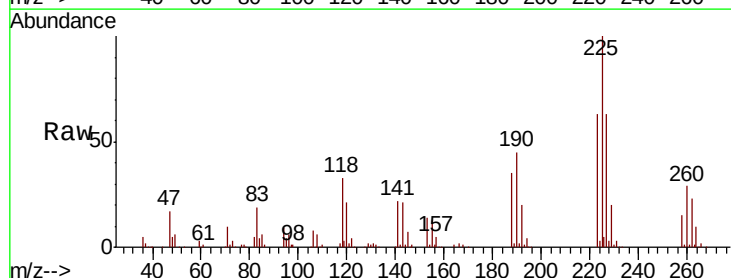


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

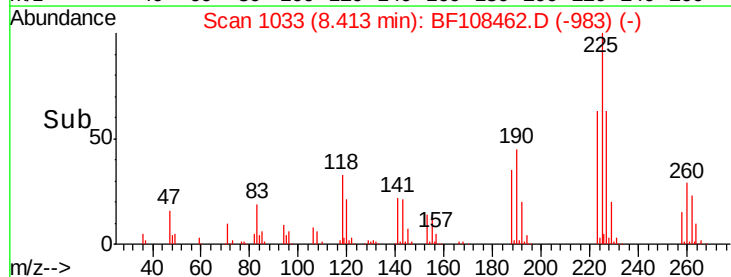
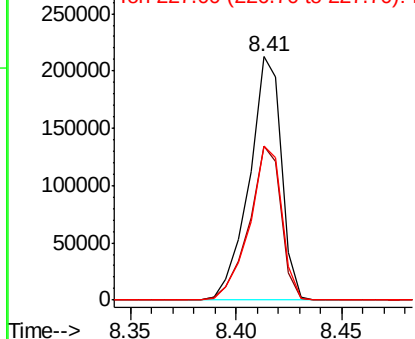


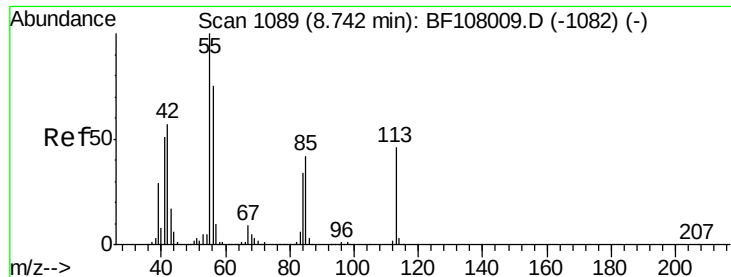
#34
Hexachlorobutadiene
Concen: 43.055 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:	225	Resp:	224633
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.5	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: 24.171 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

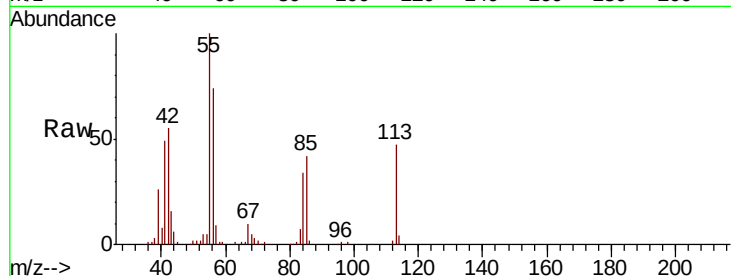
Tot Ion:113 Resp: 56620

Ion Ratio Lower Upper

113 100

55 211.8 163.3 203.3#

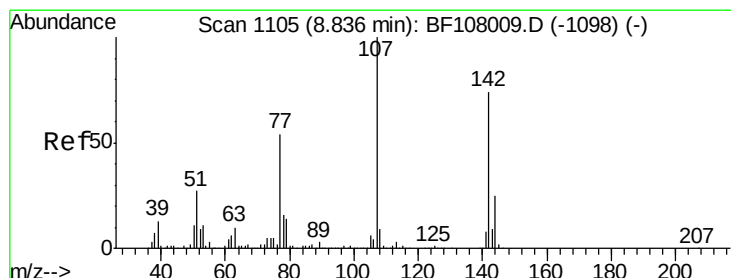
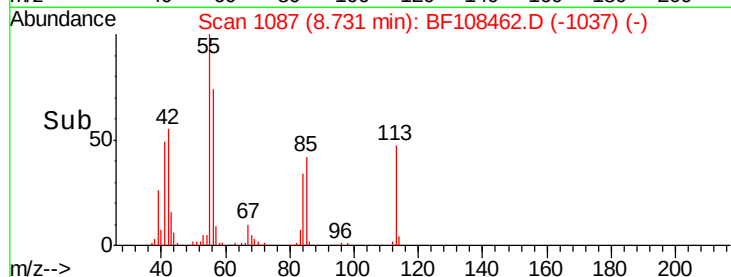
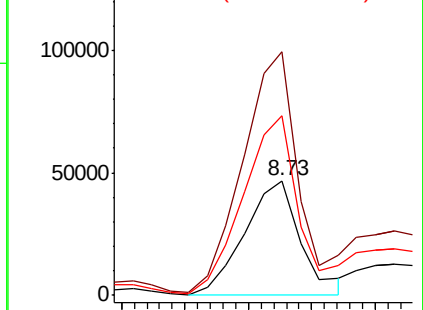
56 156.7 115.7 155.7#



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: 43.095 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

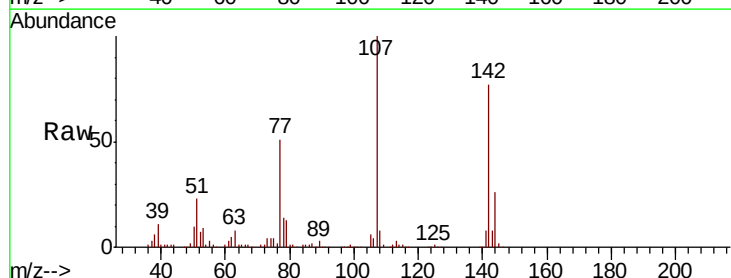
Tgt Ion:107 Resp: 347516

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

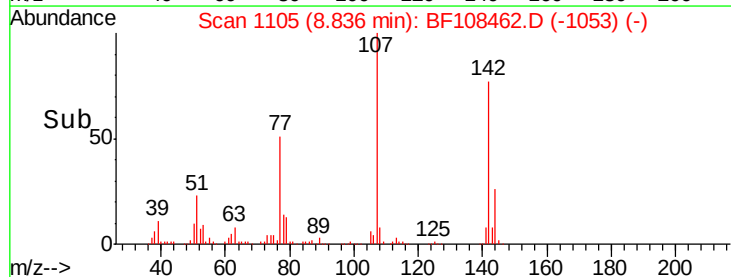
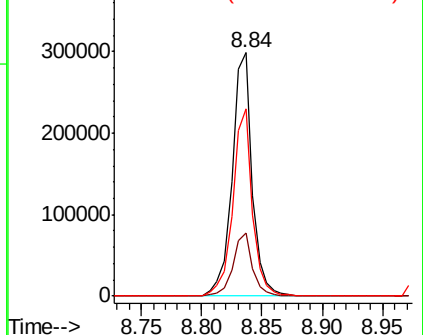
142 76.7 62.0 93.0

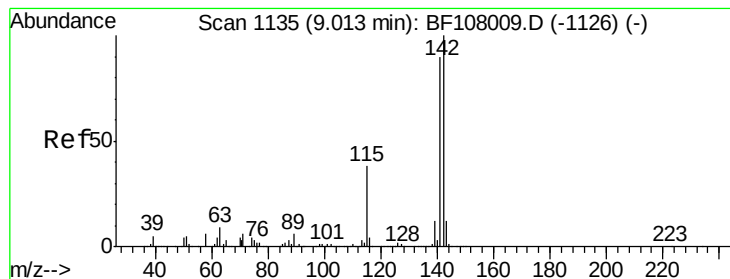


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.655 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

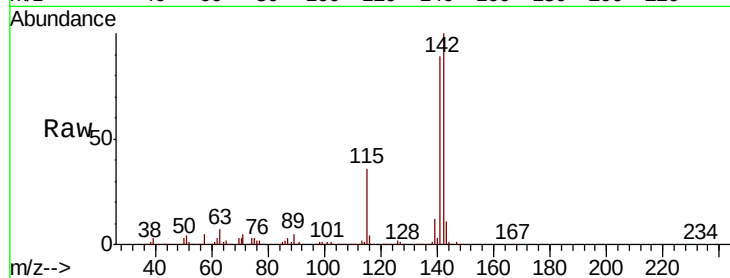
Tot Ion:142 Resp: 735370

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

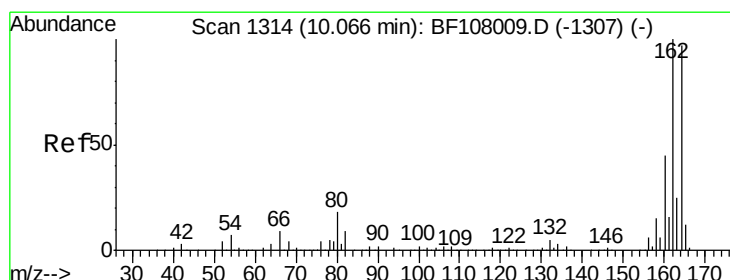
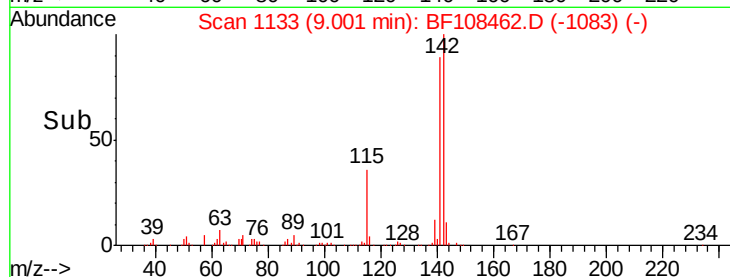
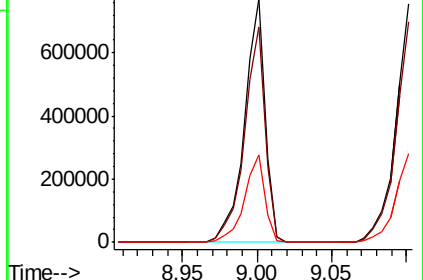
115 36.0 26.1 39.1



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: BF108462.D

Acq: 24 Aug 2018 14:42

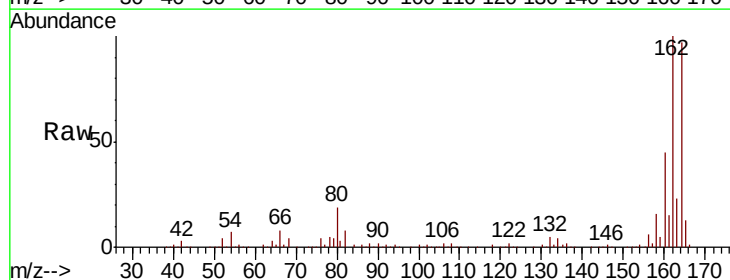
Tgt Ion:164 Resp: 279133

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

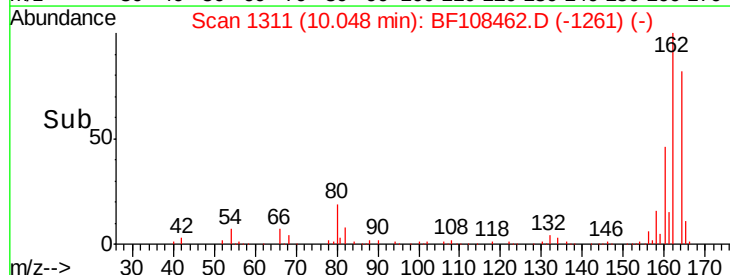
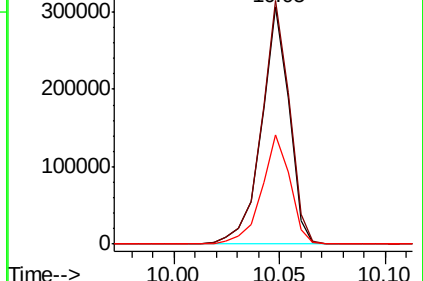
160 46.2 38.3 57.5

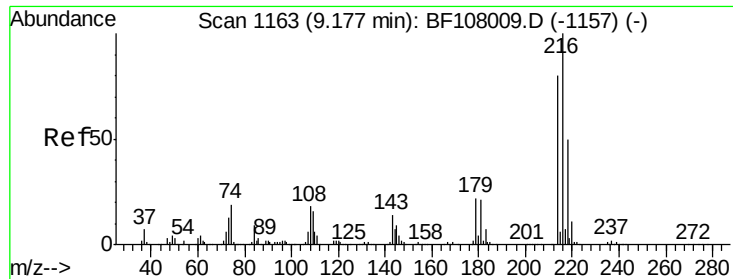


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

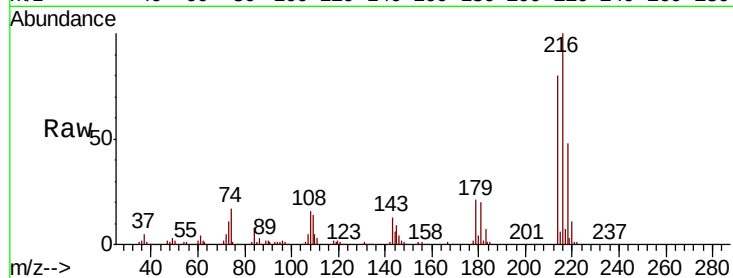




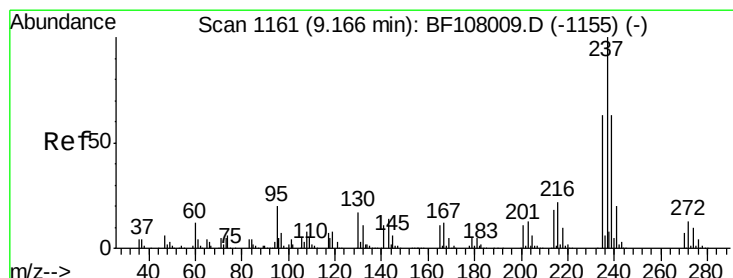
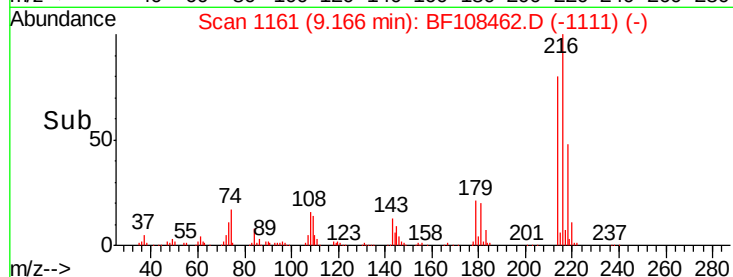
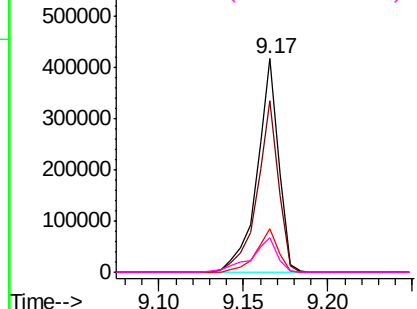
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.342 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	371520
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.5	18.1	27.1
108	19.4	17.2	25.8

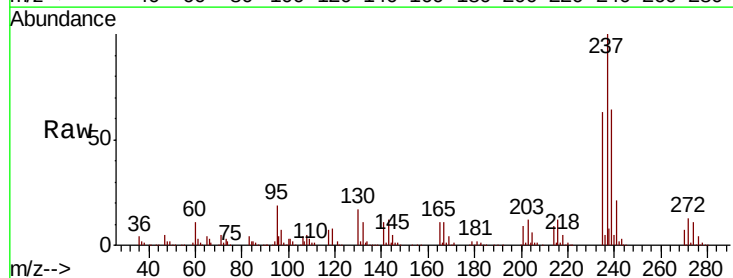


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

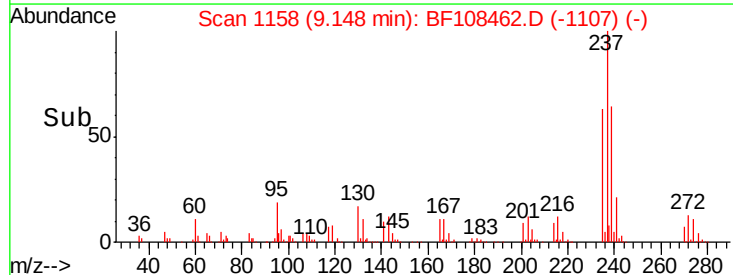
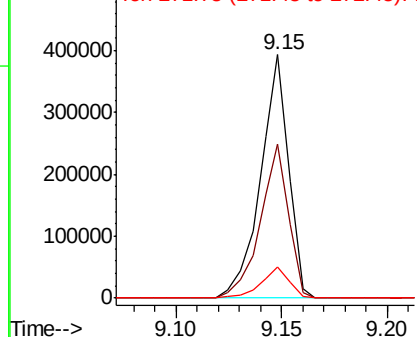


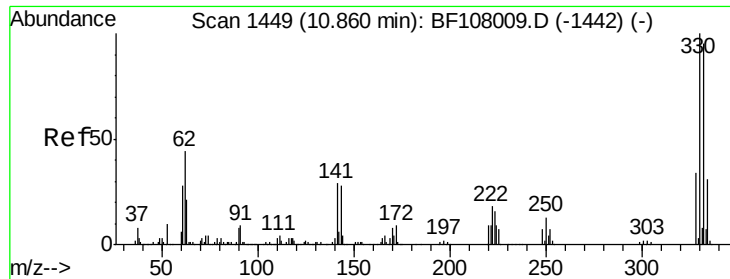
#40
 Hexachlorocyclopentadiene
 Concen: 65.723 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion:	237	Resp:	363884
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.0	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 118.701 ng

RT: 10.85 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampleId :

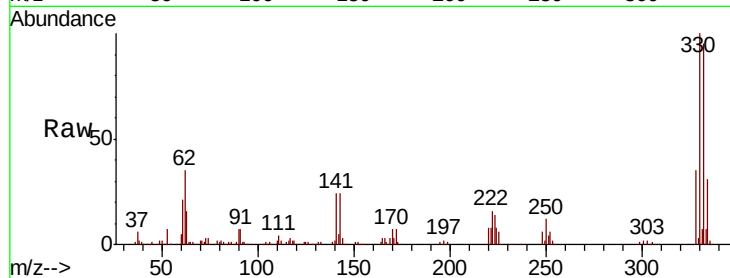
Tot Ion:330 Resp: 330498

Ion Ratio Lower Upper

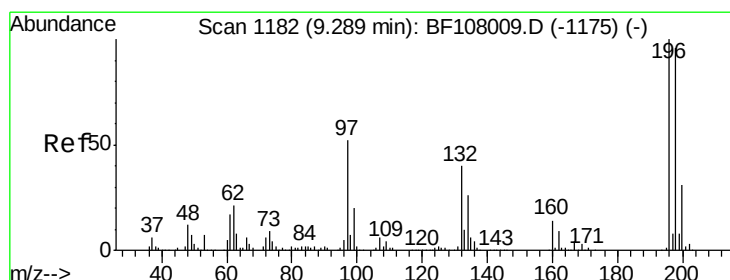
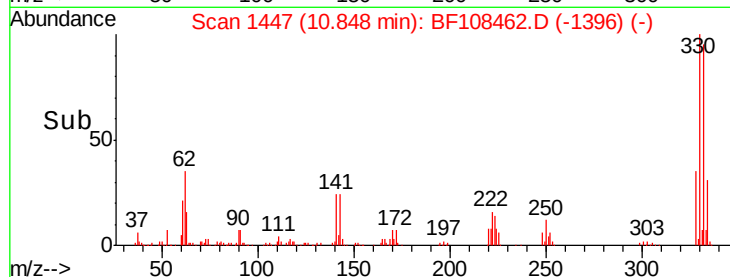
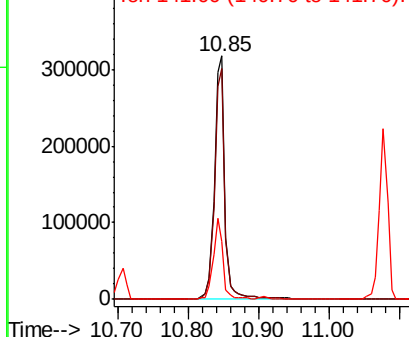
330 100

332 94.4 77.0 115.6

141 31.1 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: 45.107 ng

RT: 9.28 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

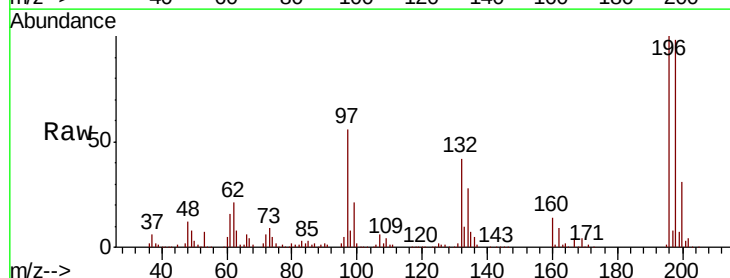
Tgt Ion:196 Resp: 239935

Ion Ratio Lower Upper

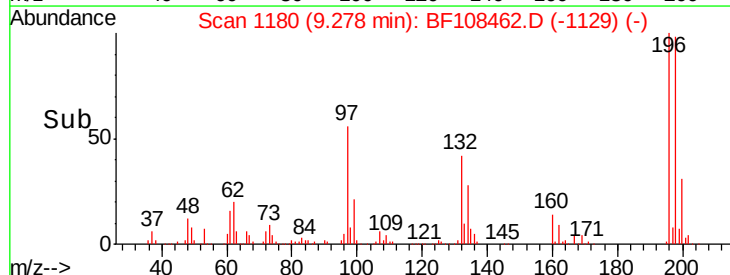
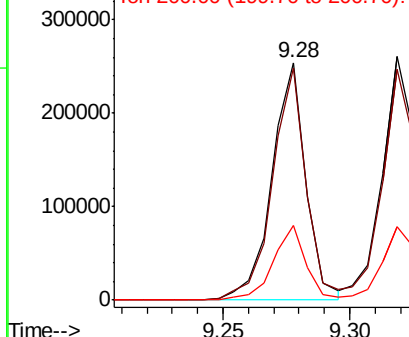
196 100

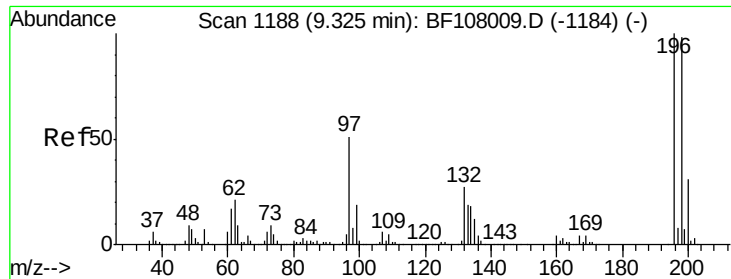
198 97.7 75.7 113.5

200 31.4 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

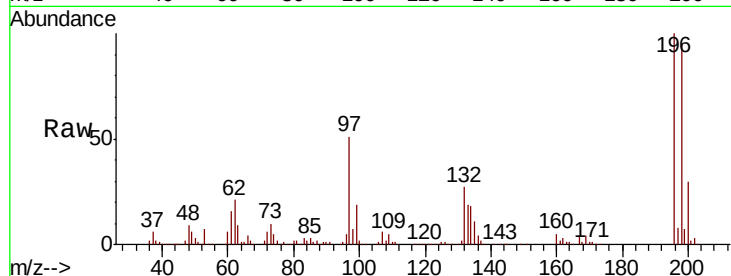




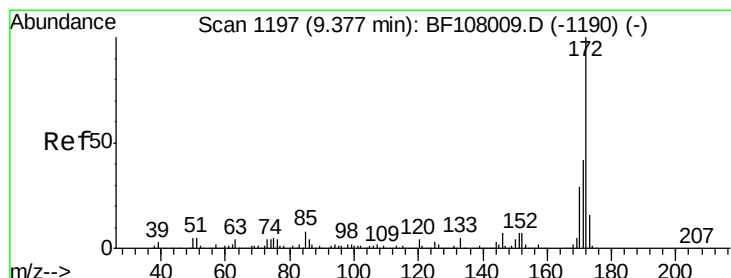
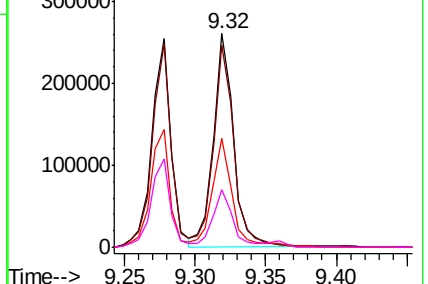
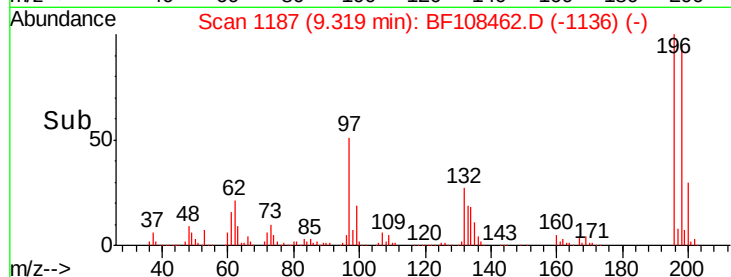
#43
 2,4,5-Trichlorophenol
 Concen: 44.463 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196	Resp:	260355
Ion Ratio	Lower	Upper
196	100	
198	94.9	74.6 112.0
97	51.0	42.9 64.3
132	27.0	26.3 39.5

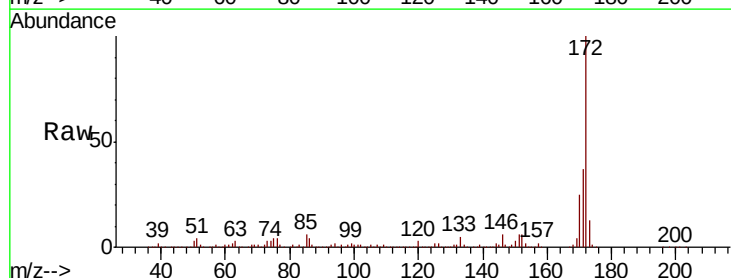


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

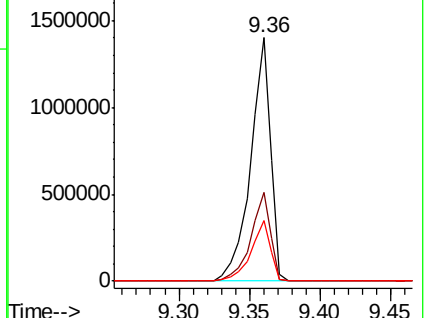
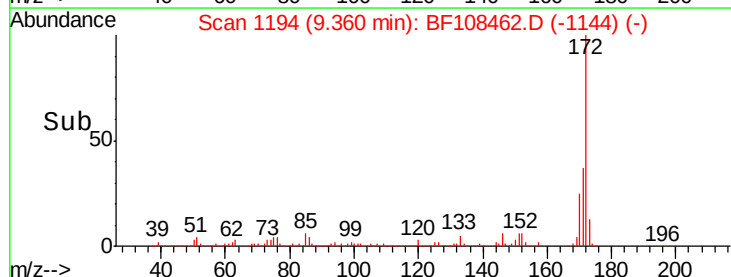


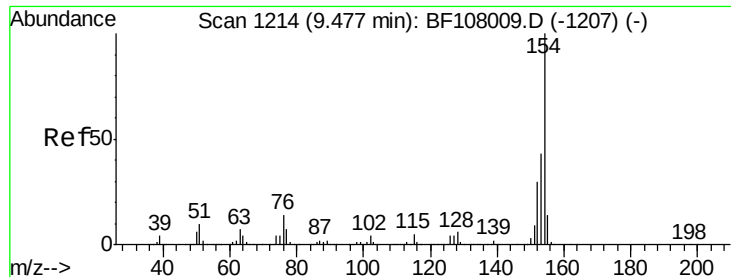
#44
 2-Fluorobiphenyl
 Concen: 79.967 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion:172	Resp:	1390343
Ion Ratio	Lower	Upper
172	100	
171	36.5	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: 43.840 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampleId :

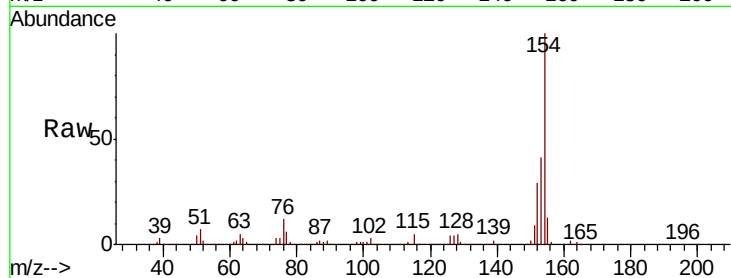
Tot Ion:154 Resp: 902255

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

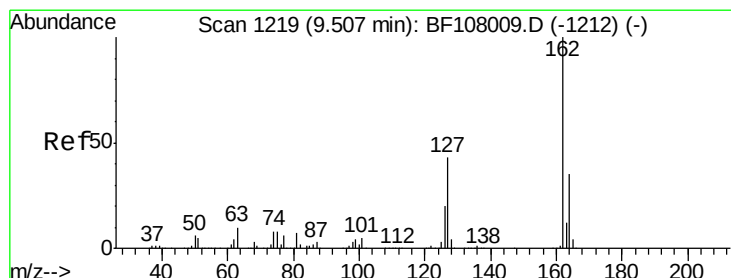
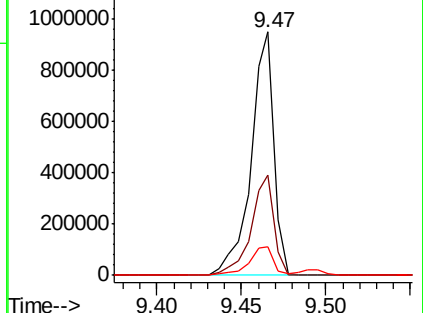
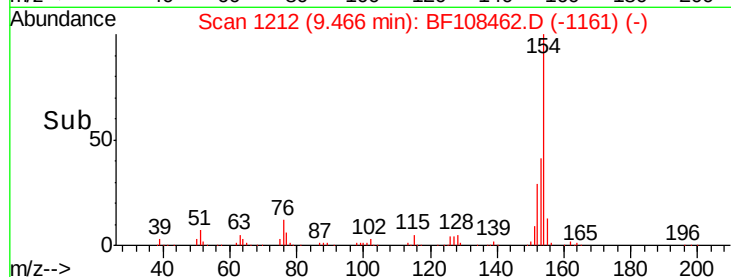
76 11.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.667 ng

RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

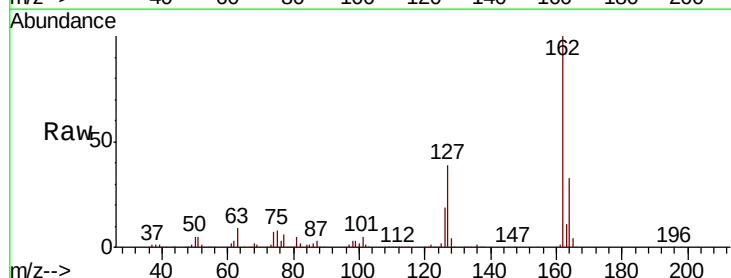
Tgt Ion:162 Resp: 694022

Ion Ratio Lower Upper

162 100

127 39.2 33.9 50.9

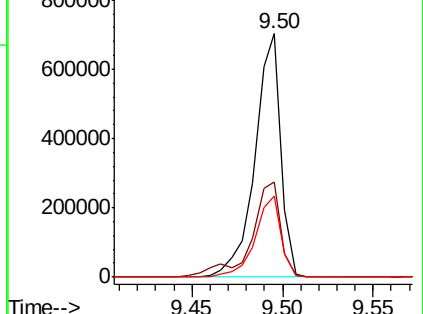
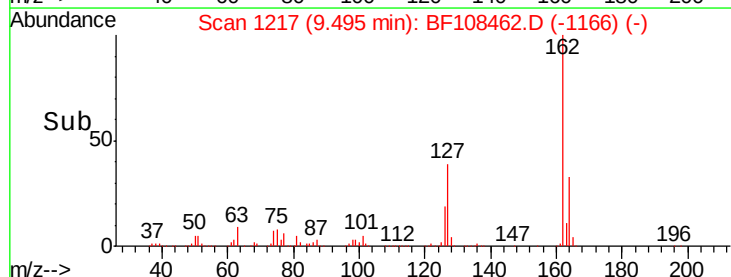
164 33.4 26.5 39.7

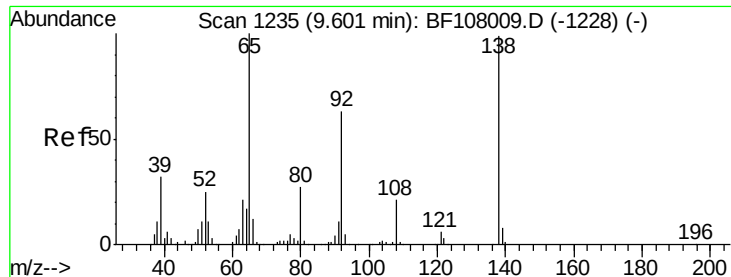


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

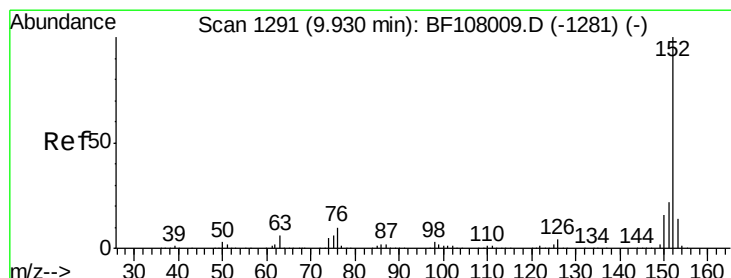
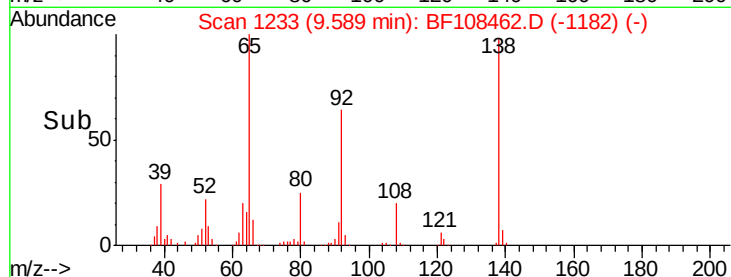
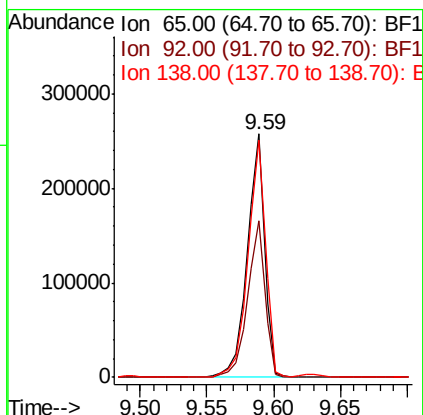
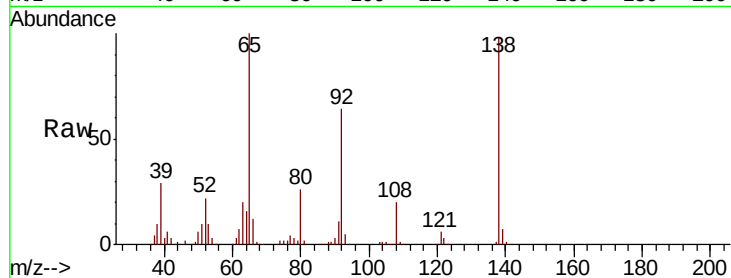




#47
2-Nitroaniline
Concen: 43.739 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

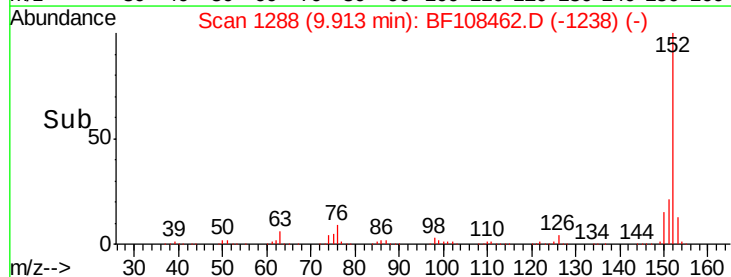
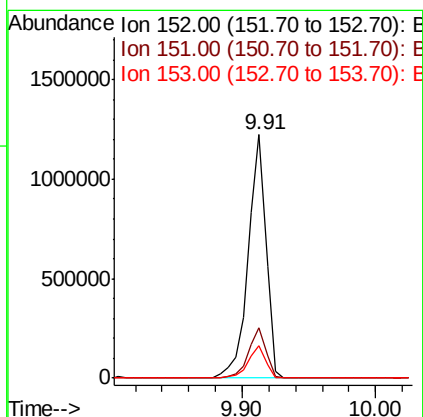
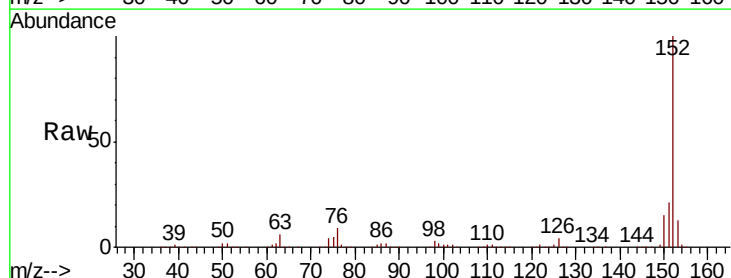
Instrument :
BNA_G
ClientSampleId :

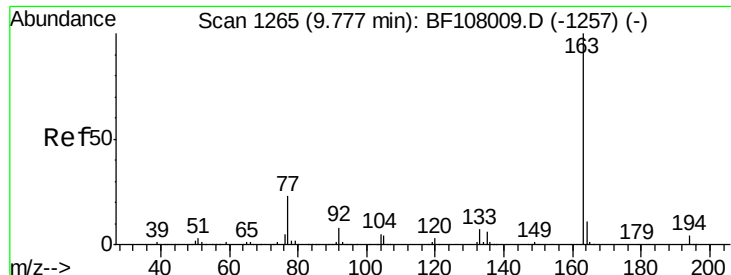
Tot Ion: 65 Resp: 230204
Ion Ratio Lower Upper
65 100
92 64.2 55.8 83.6
138 97.6 91.2 136.8



#48
Acenaphthylene
Concen: 43.293 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion: 152 Resp: 1113293
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.2 10.7 16.1

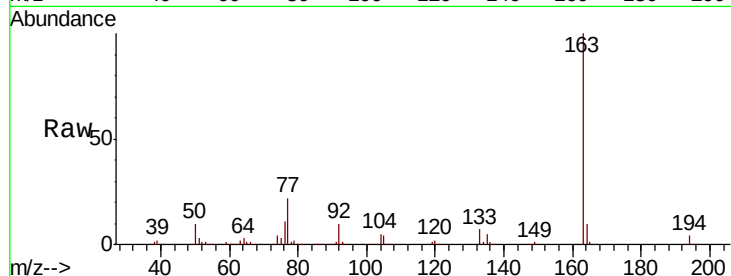




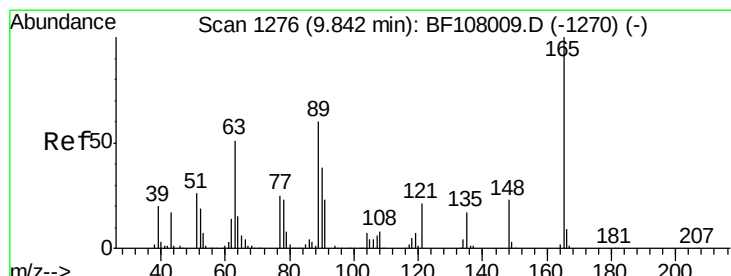
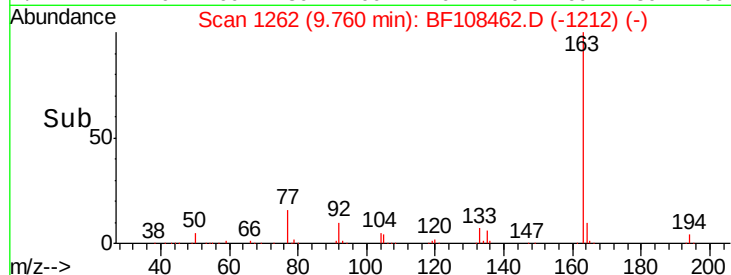
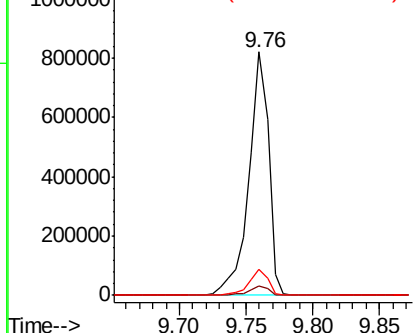
#49
Dimethylphthalate
Concen: 42.566 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 827654
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 8.2 12.2

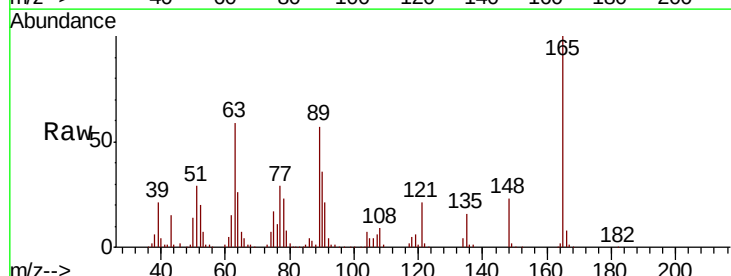


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

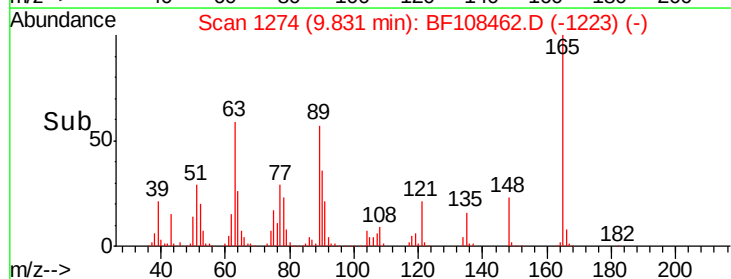
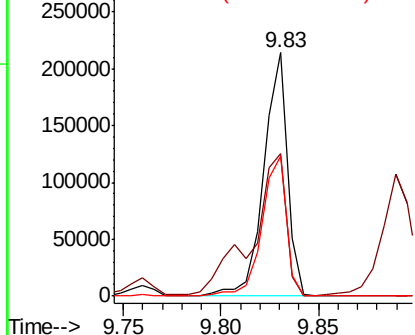


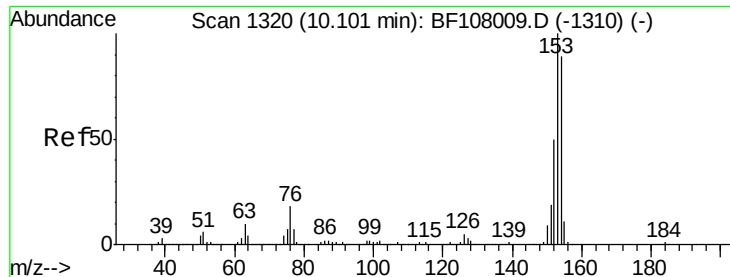
#50
2,6-Dinitrotoluene
Concen: 44.241 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:165 Resp: 179975
Ion Ratio Lower Upper
165 100
63 58.7 44.7 67.1
89 57.2 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: 41.119 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

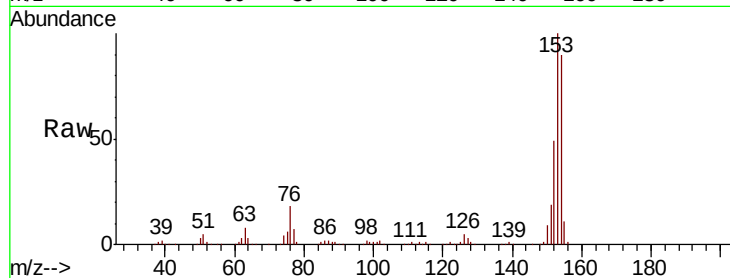
Tot Ion:154 Resp: 647653

Ion Ratio Lower Upper

154 100

153 111.4 91.2 136.8

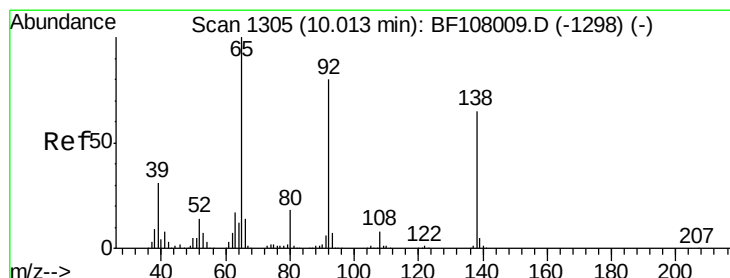
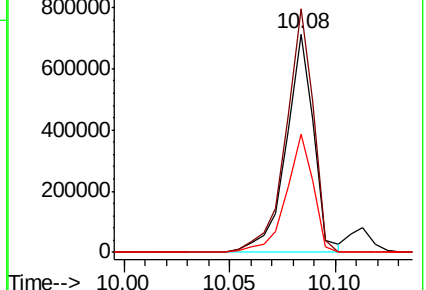
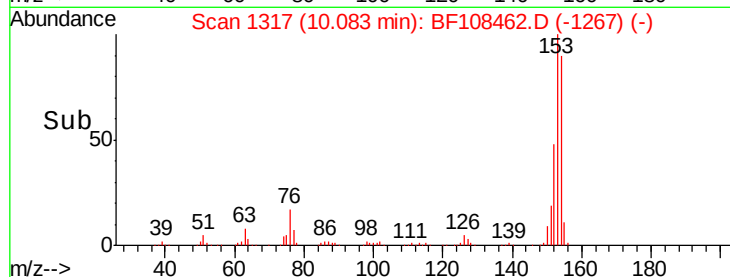
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.098 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

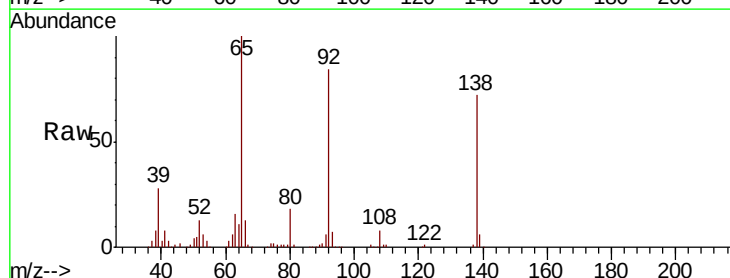
Tgt Ion:138 Resp: 133965

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

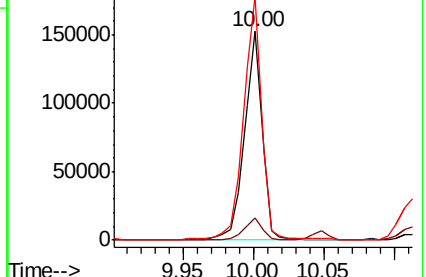
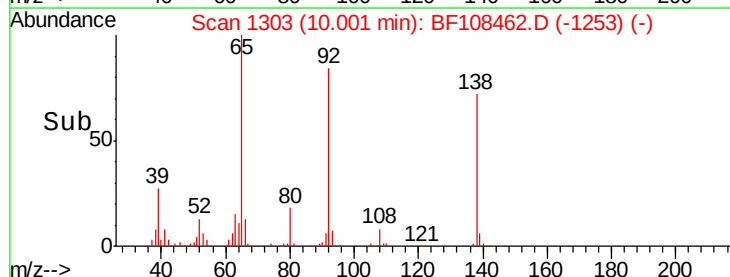
92 116.7 89.4 134.2

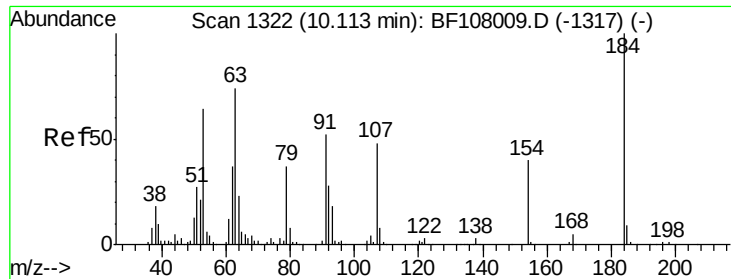


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

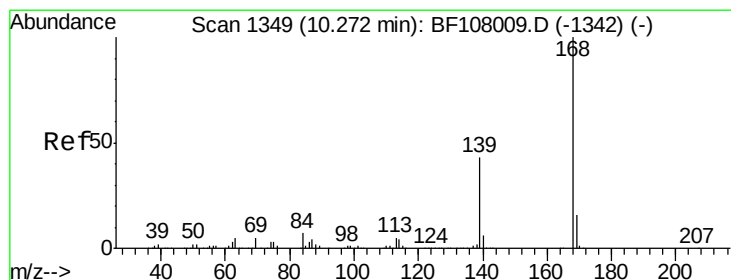
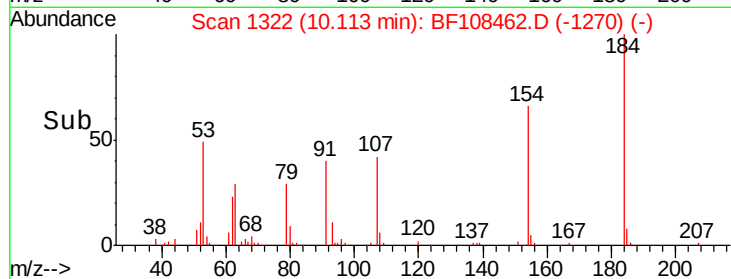
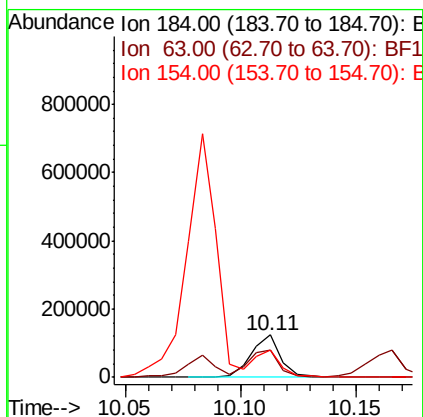
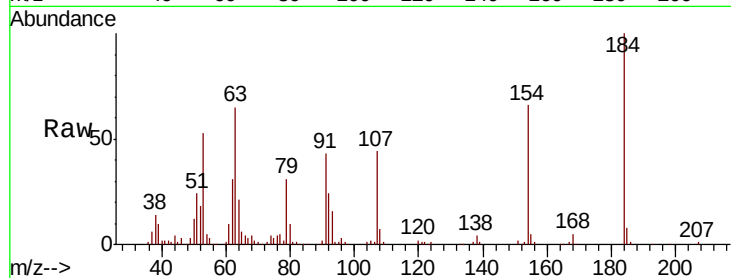




#53
 2,4-Dinitrophenol
 Concen: 73.858 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

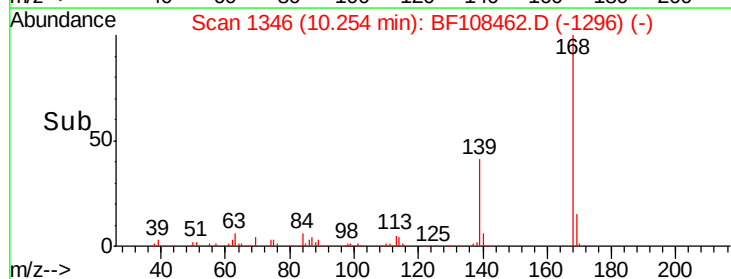
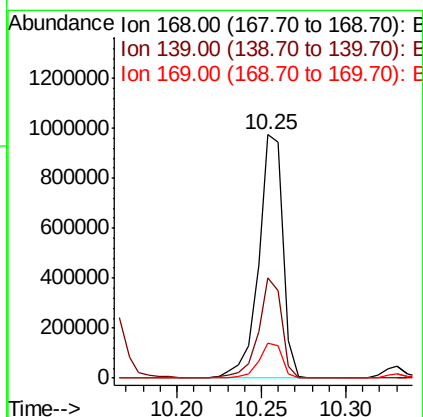
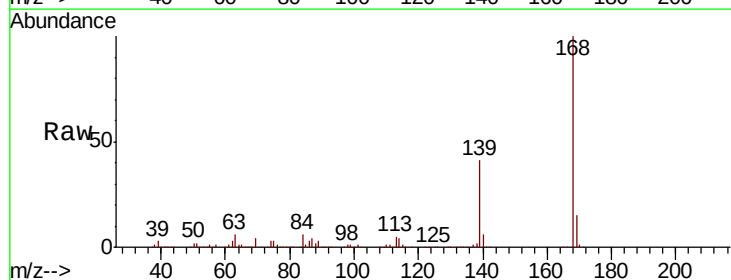
Instrument :
 BNA_G
 ClientSampled :

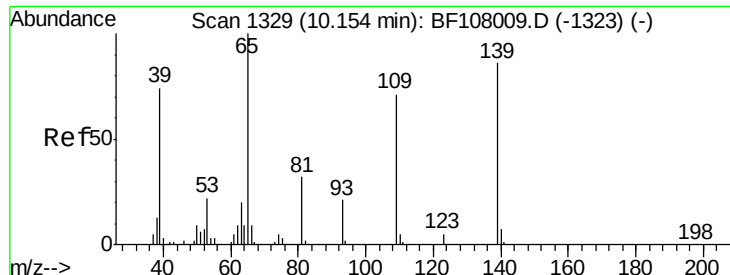
Tot Ion:184 Resp: 111545
 Ion Ratio Lower Upper
 184 100
 63 65.4 54.2 81.2
 154 65.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.500 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion:168 Resp: 969822
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.1 45.1
 169 14.6 10.9 16.3

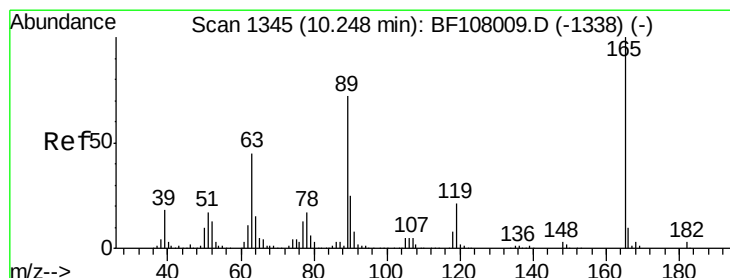
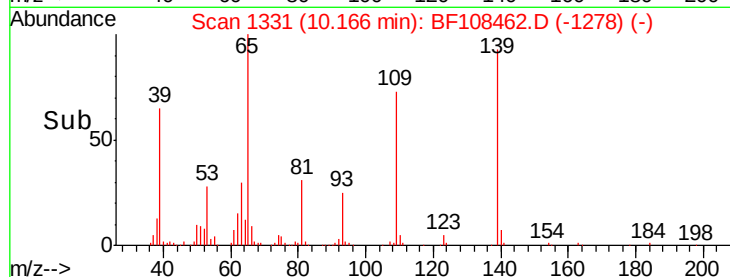
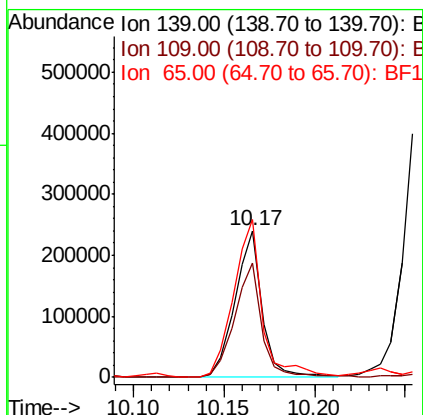
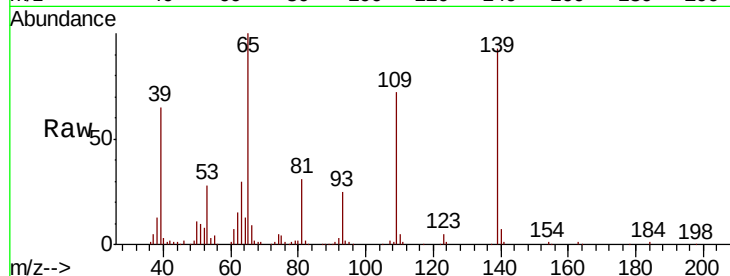




#55
4-Nitrophenol
Concen: 74.308 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

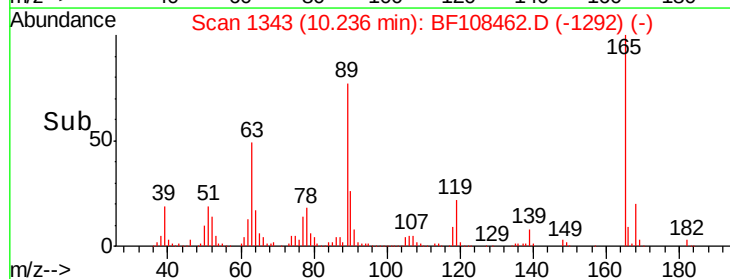
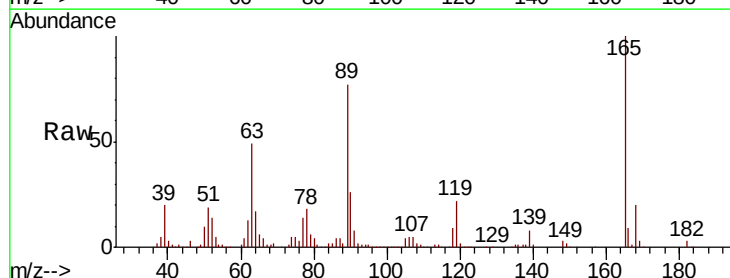
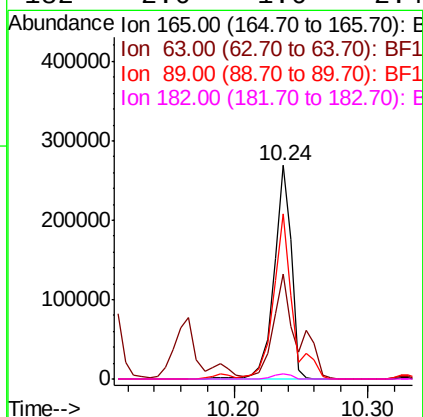
Instrument :
BNA_G
ClientSampleId :

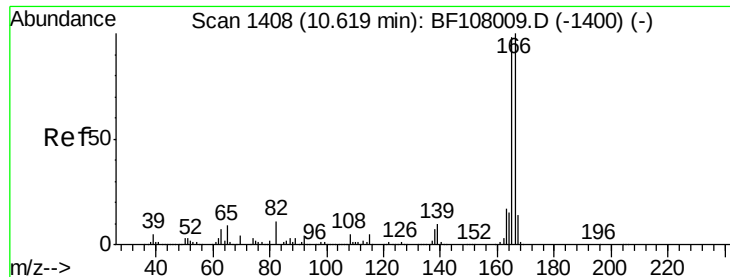
Tot Ion	Ratio	Lower	Upper
139	100		
109	77.9	48.4	88.4
65	107.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 46.366 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.3	36.4	54.6
89	77.3	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 42.946 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampleId :

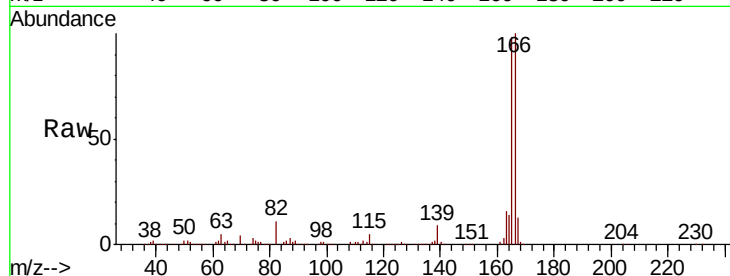
Tot Ion:166 Resp: 775771

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

167 13.5 10.6 16.0

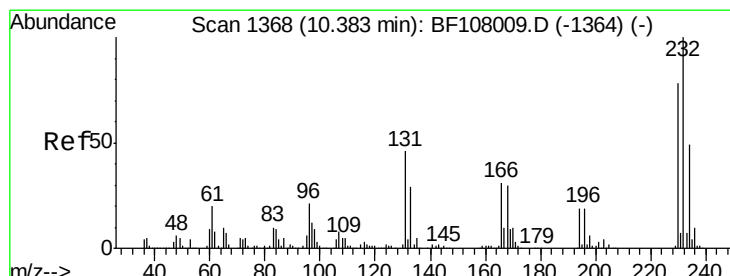
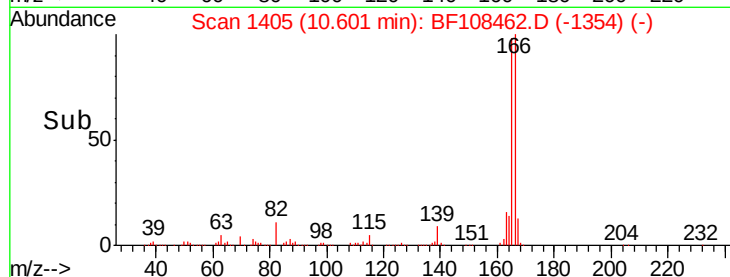
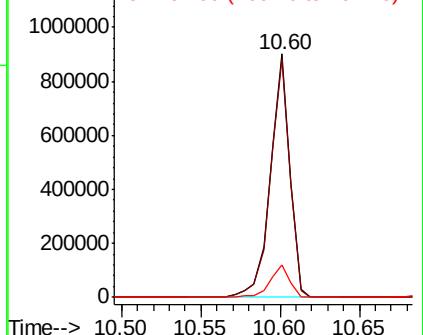


Abundance

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: 44.251 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:232 Resp: 216576

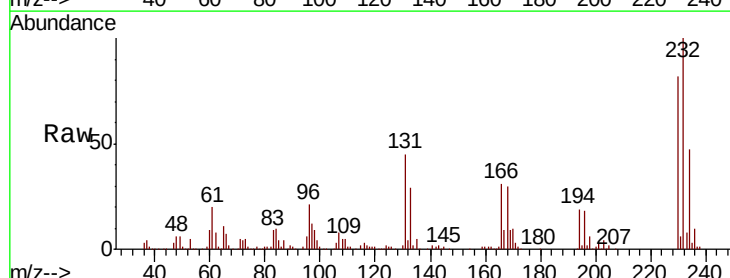
Ion Ratio Lower Upper

232 100

131 43.7 43.8 65.8#

130 2.2 2.1 3.1

166 31.7 27.8 41.6



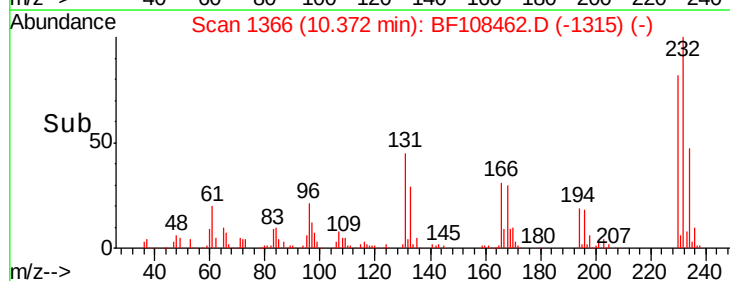
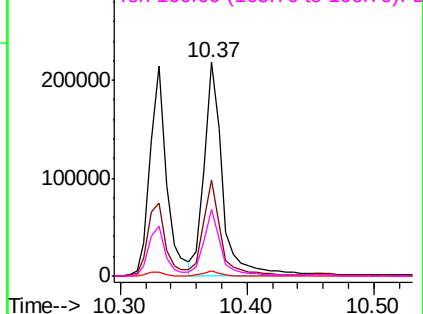
Abundance

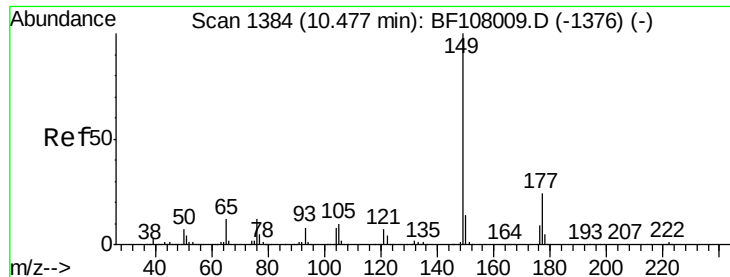
Ion 232.00 (231.70 to 232.70): E

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

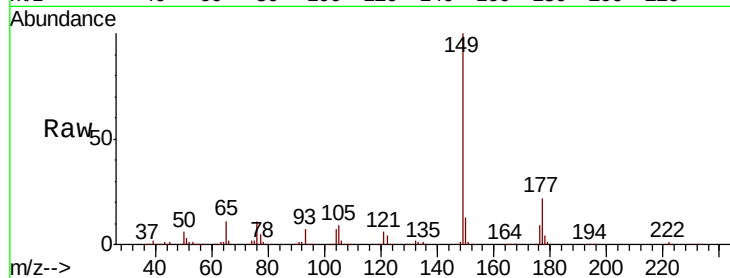




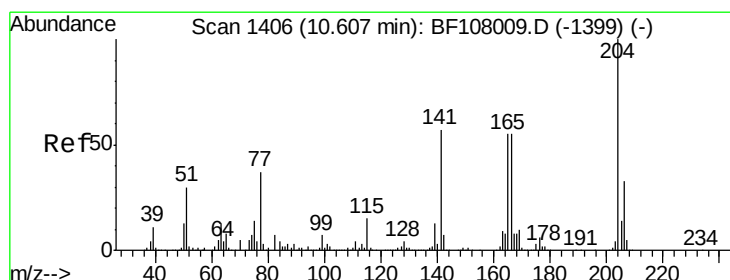
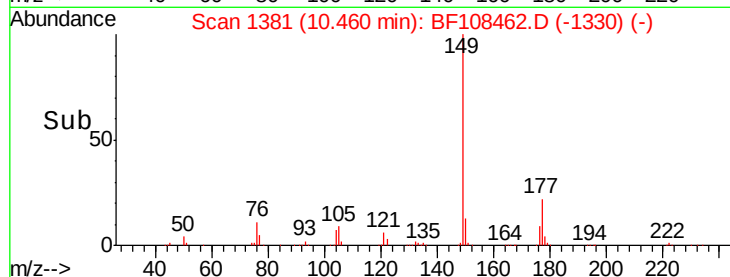
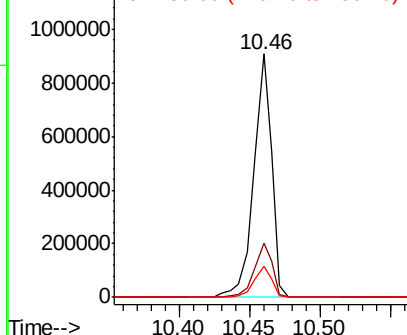
#59
Diethylphthalate
Concen: 42.941 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.1	24.1
150	12.8	10.1	15.1

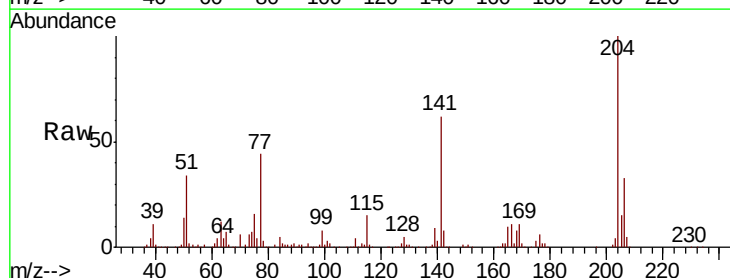


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

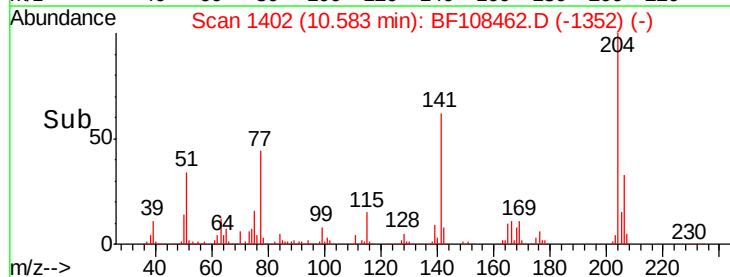
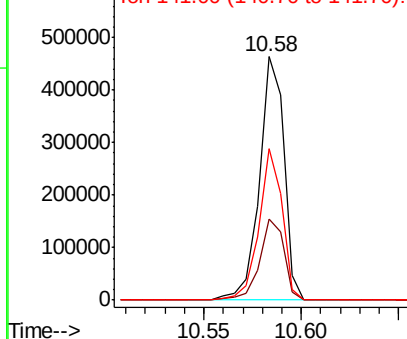


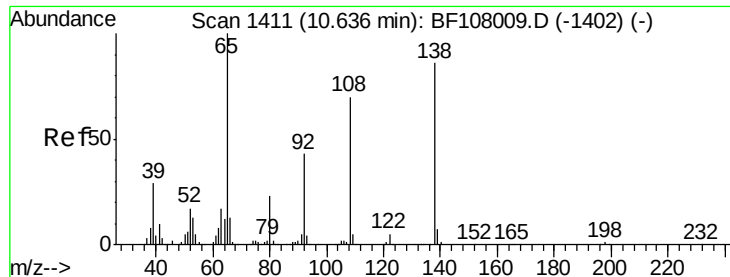
#60
4-Chlorophenyl-phenylether
Concen: 42.815 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.2	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

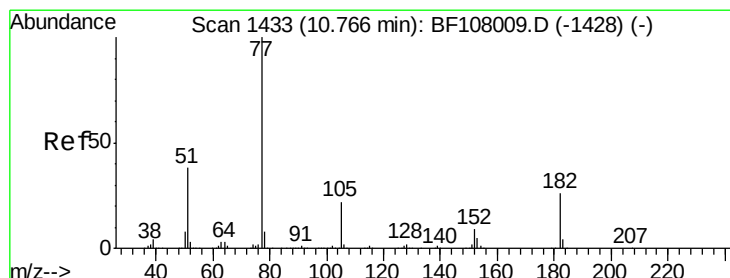
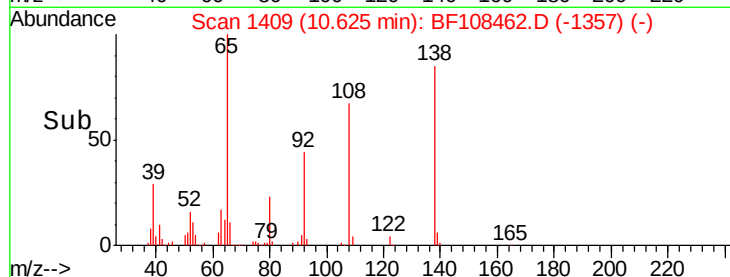
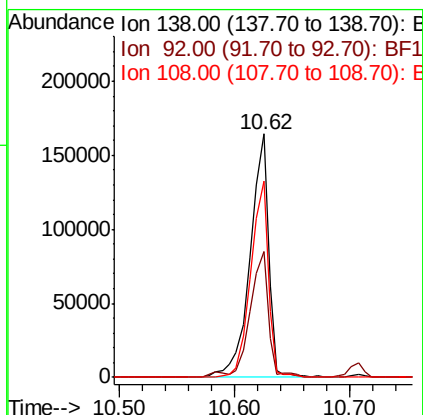
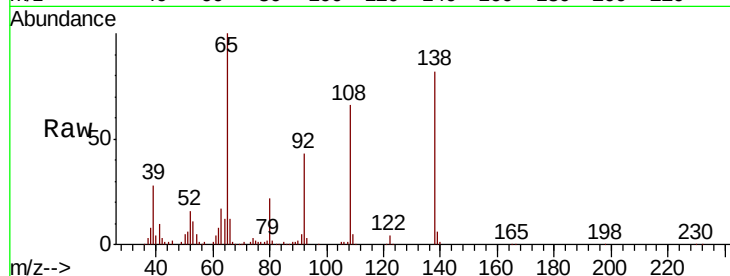




#61
4-Nitroaniline
Concen: 41.881 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

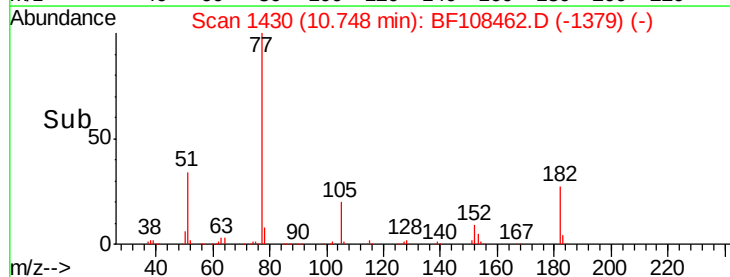
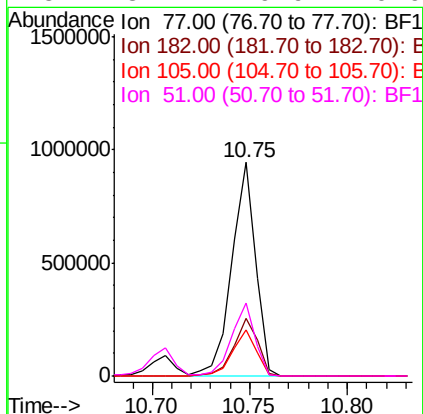
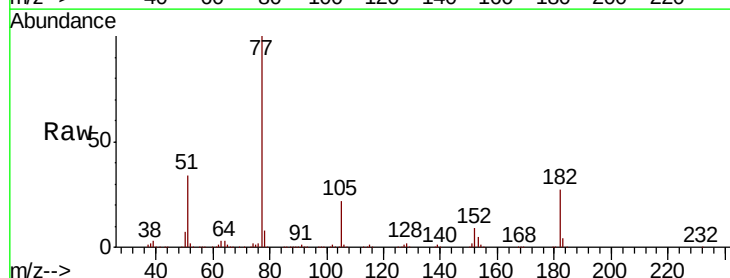
Instrument :
BNA_G
ClientSampleId :

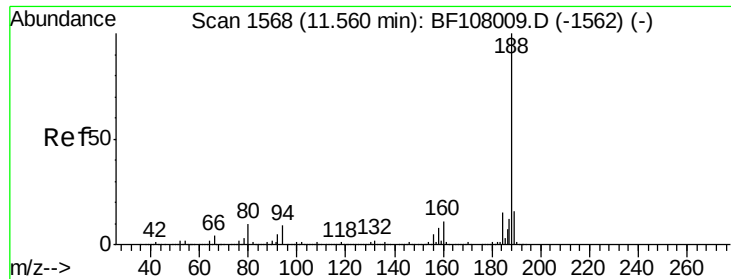
Tot Ion:138 Resp: 184298
Ion Ratio Lower Upper
138 100
92 51.8 30.2 70.2
108 80.7 52.5 92.5



#62
Azobenzene
Concen: 41.310 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion: 77 Resp: 803241
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 21.7 3.0 43.0
51 34.1 9.9 49.9

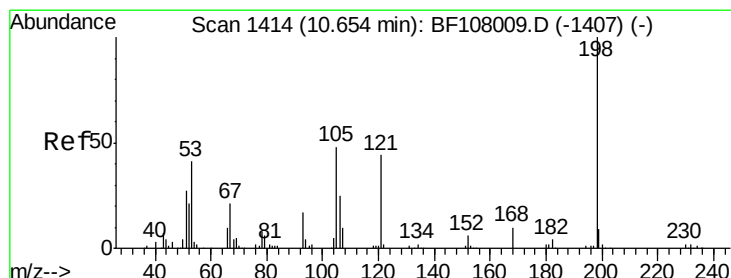
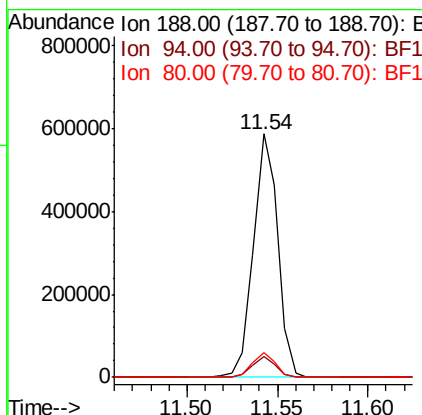
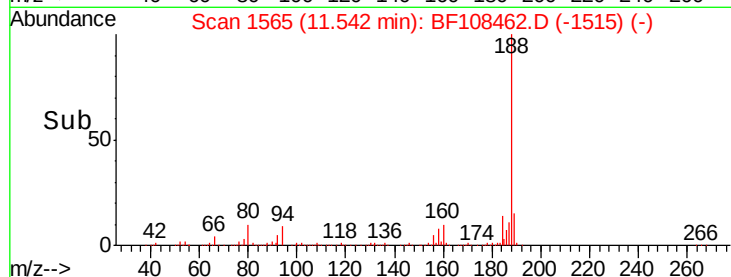
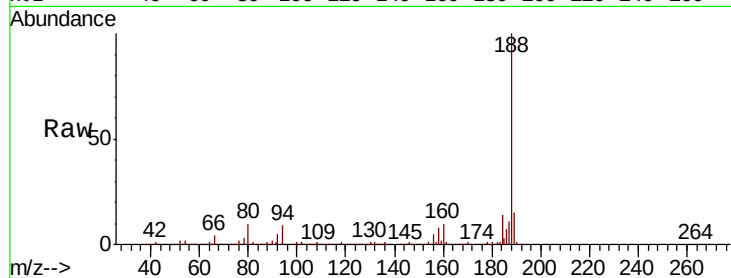




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

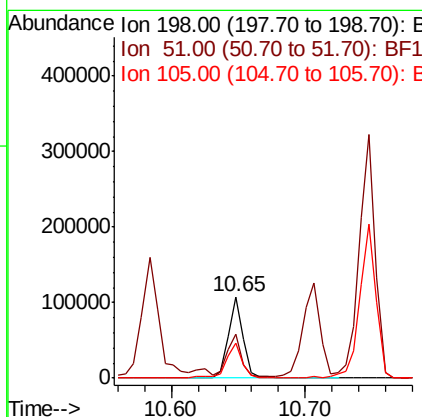
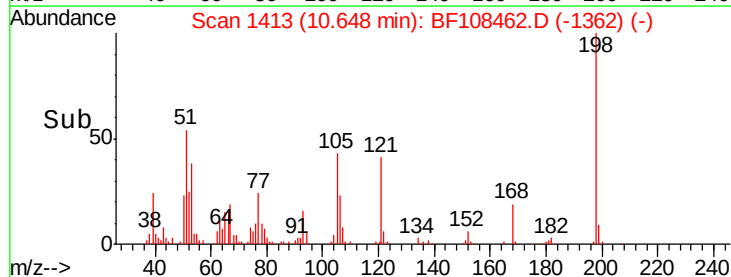
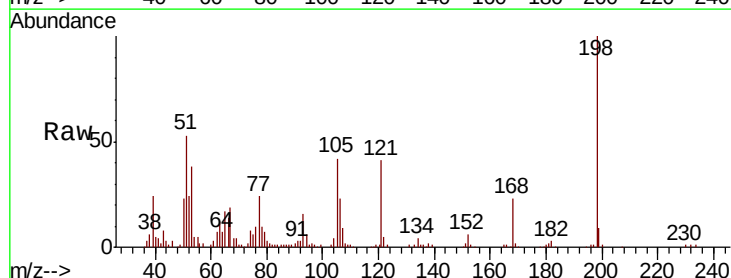
Instrument :
BNA_G
ClientSampleId :

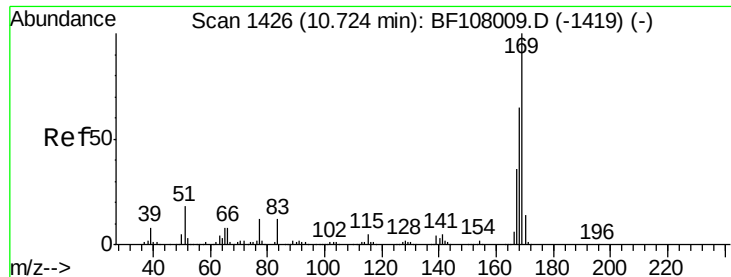
Tot Ion:188 Resp: 547850
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.237 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:198 Resp: 85384
Ion Ratio Lower Upper
198 100
51 53.5 37.7 77.7
105 42.5 36.3 76.3

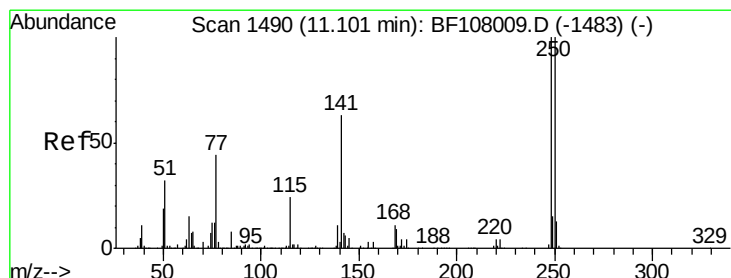
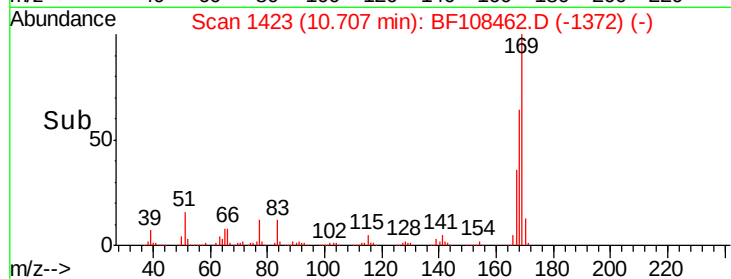
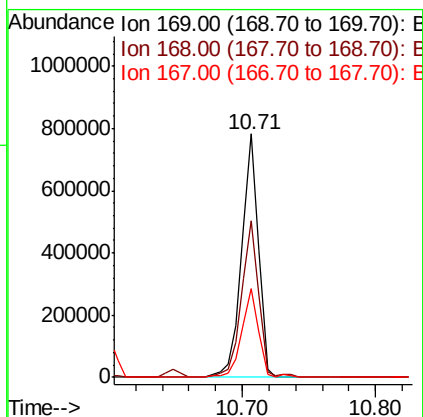
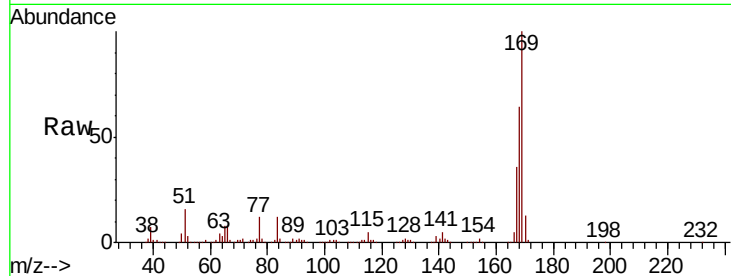




#65
 n-Nitrosodiphenylamine
 Concen: 42.626 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

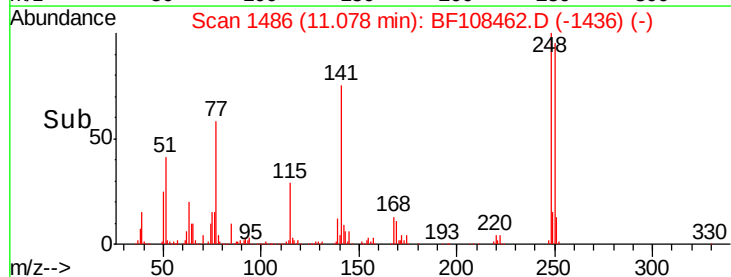
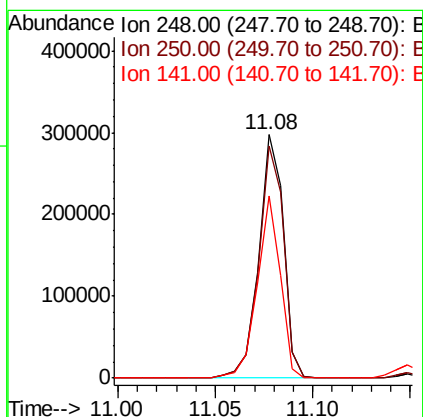
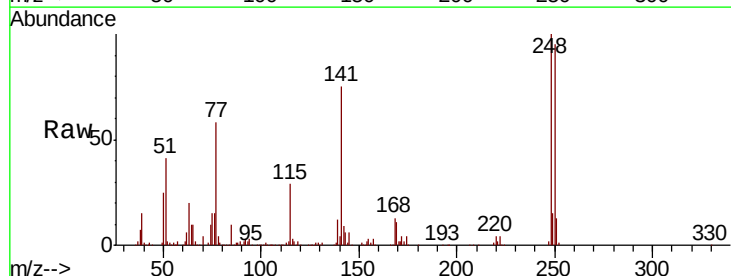
Instrument :
 BNA_G
 ClientSampleId :

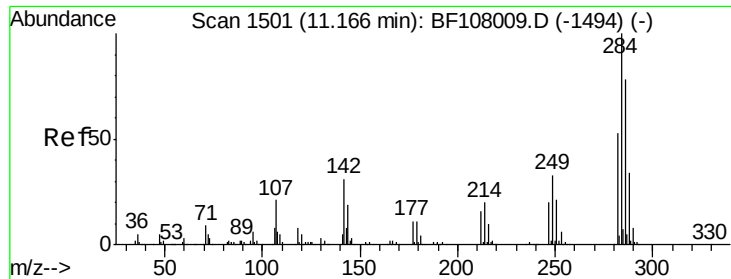
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	54.4	81.6
167	36.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.702 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.9	115.3
141	75.0	74.4	111.6

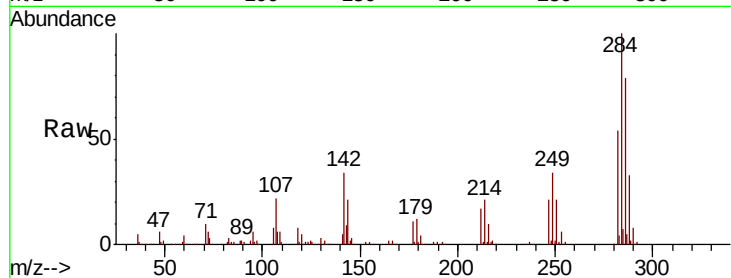




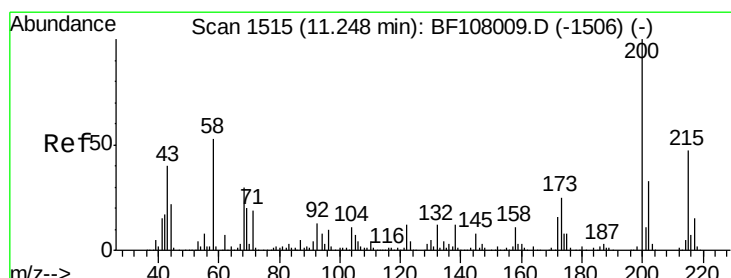
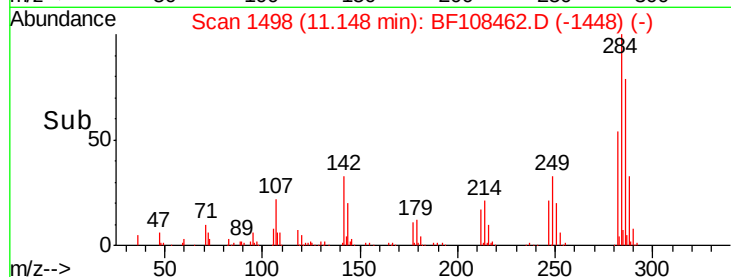
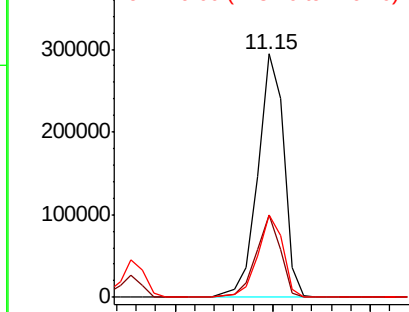
#67
Hexachlorobenzene
Concen: 43.358 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.8	34.6	52.0#
249	33.7	24.8	37.2

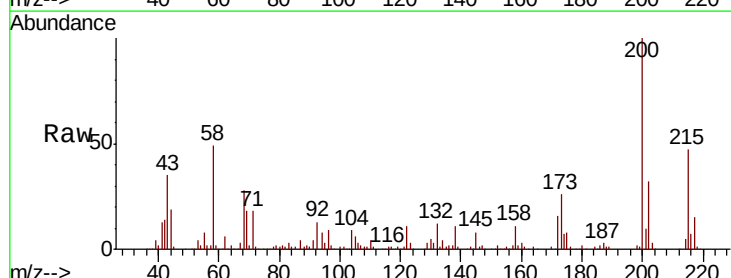


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

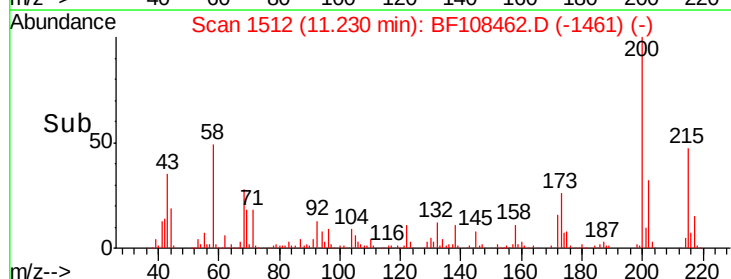
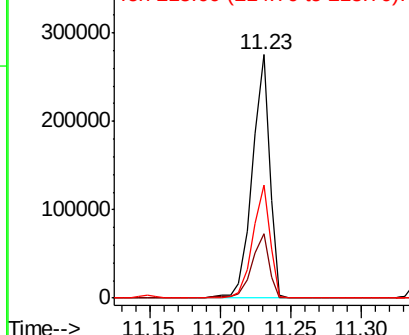


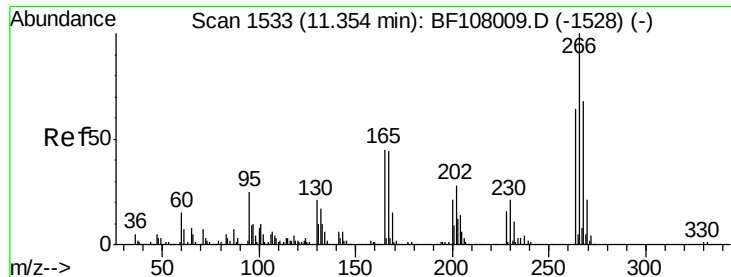
#68
Atrazine
Concen: 44.157 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	8.6	48.6
215	46.6	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

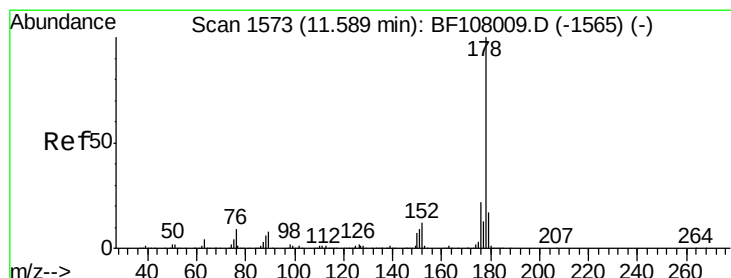
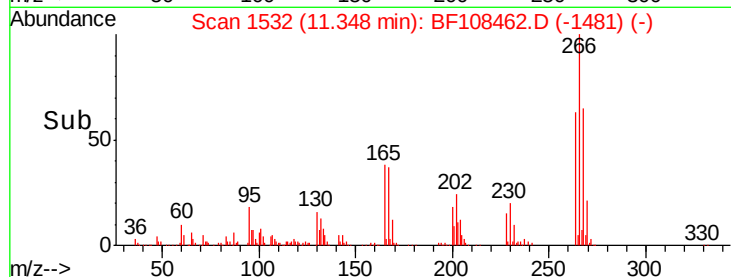
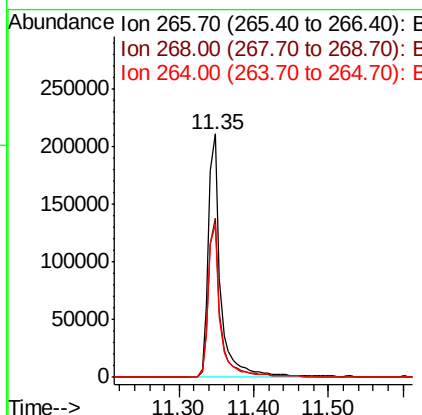
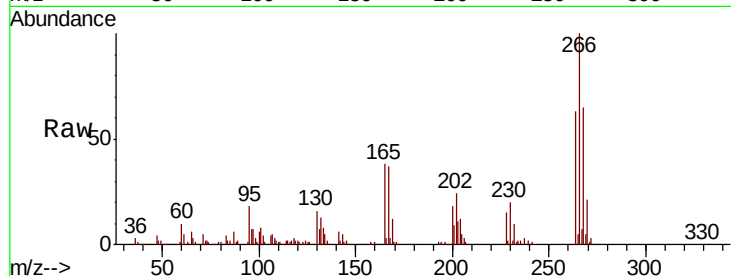




#69
 Pentachlorophenol
 Concen: 82.256 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

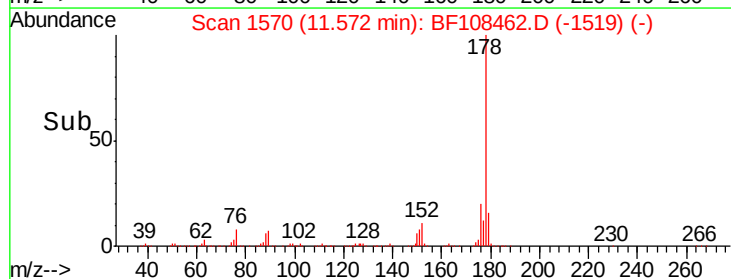
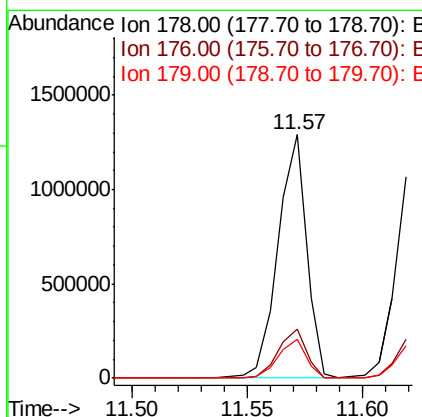
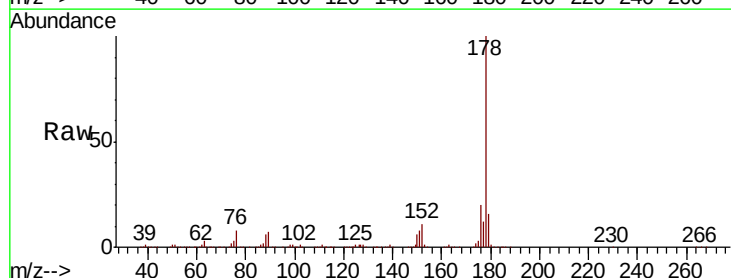
Instrument :
 BNA_G
 ClientSampleId :

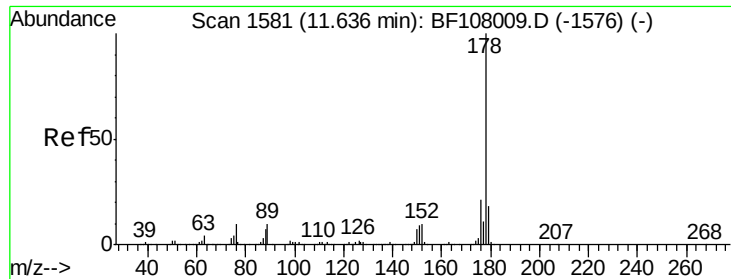
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	62.6	49.5	74.3



#70
 Phenanthrene
 Concen: 42.794 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

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

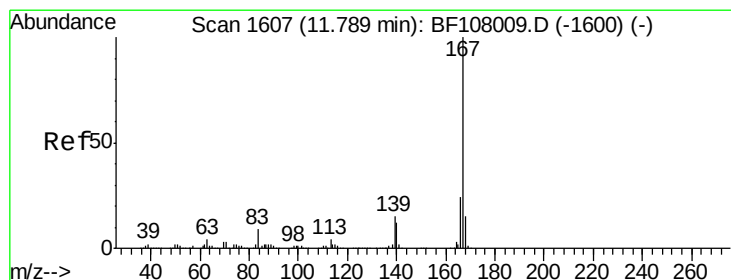
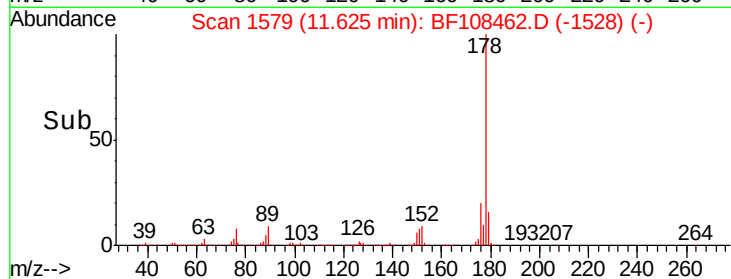
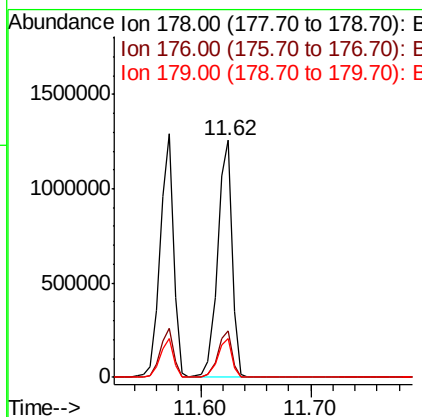
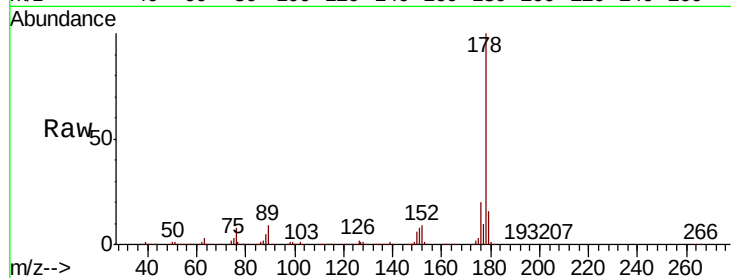




#71
 Anthracene
 Concen: 43.125 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

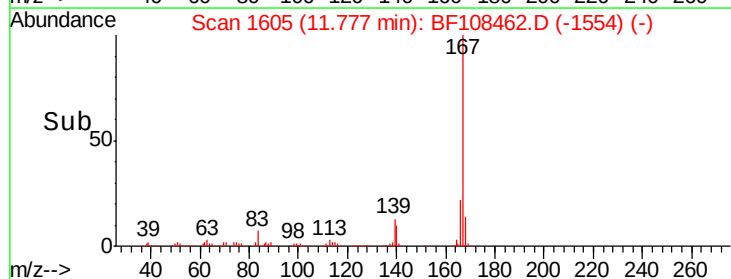
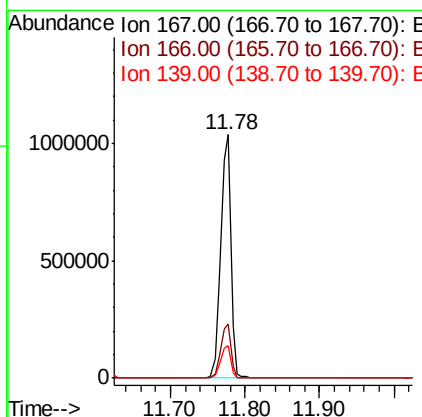
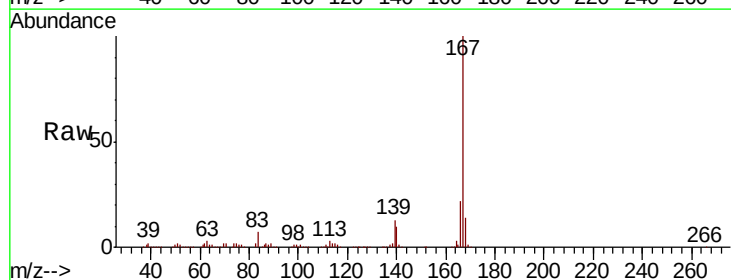
Instrument :
 BNA_G
 ClientSampleId :

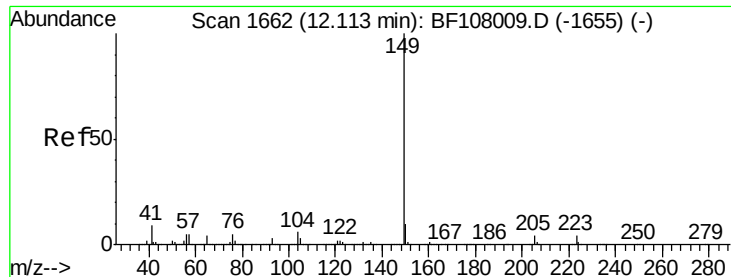
Tot Ion:178 Resp: 1142122
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 41.206 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion:167 Resp: 969610
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.086 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampleId :

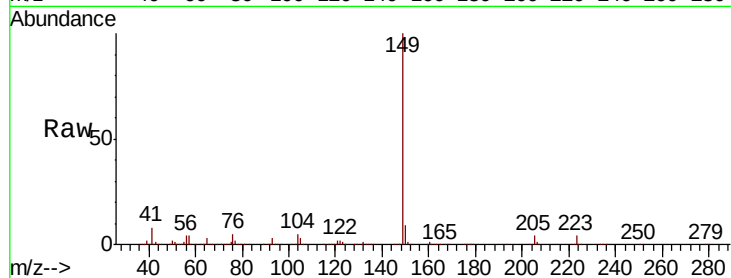
Tot Ion:149 Resp: 1228321

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

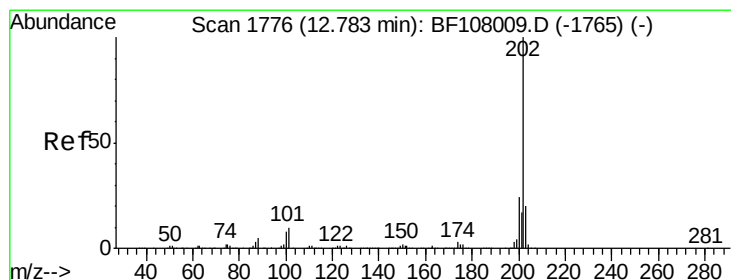
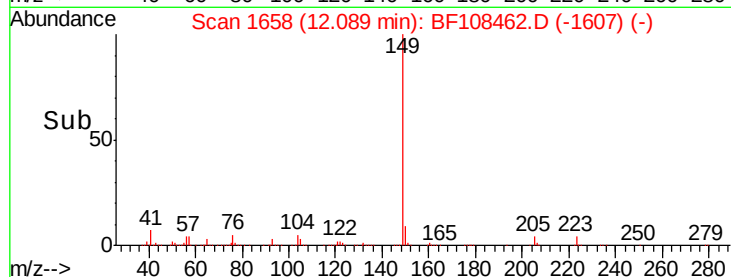
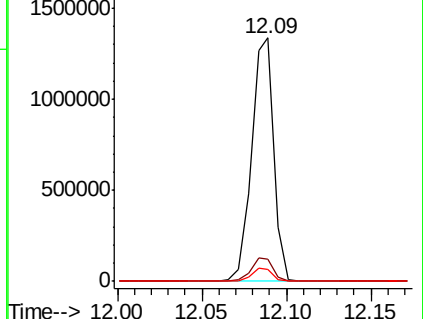
104 5.0 3.8 5.8



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: 41.104 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

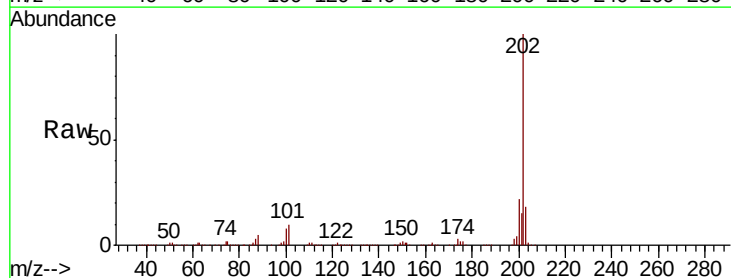
Tgt Ion:202 Resp: 1159189

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

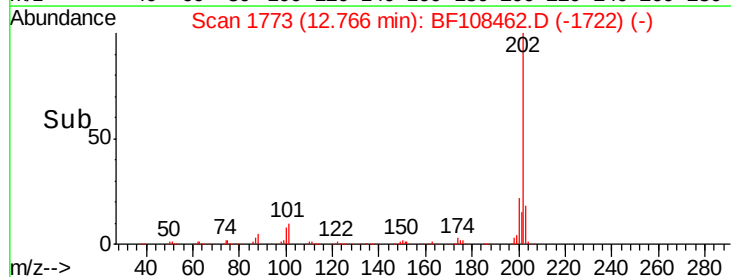
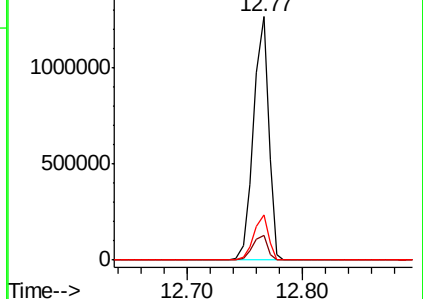
203 18.4 0.0 38.1

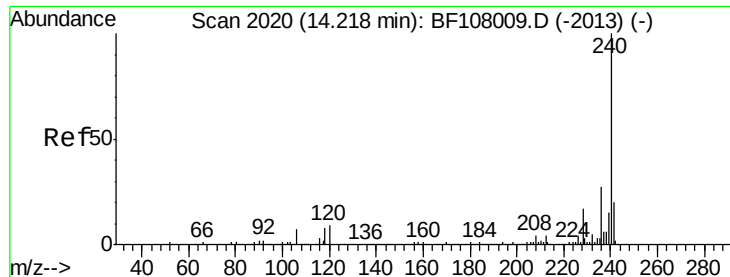


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampled :

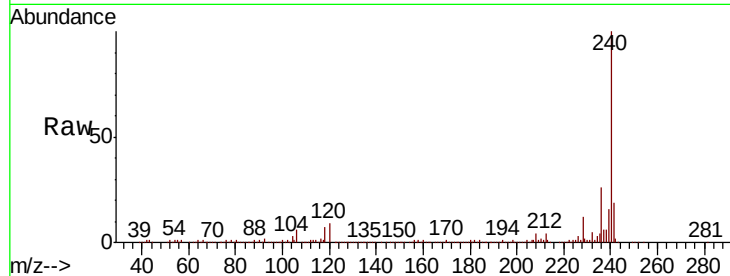
Tot Ion:240 Resp: 363713

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

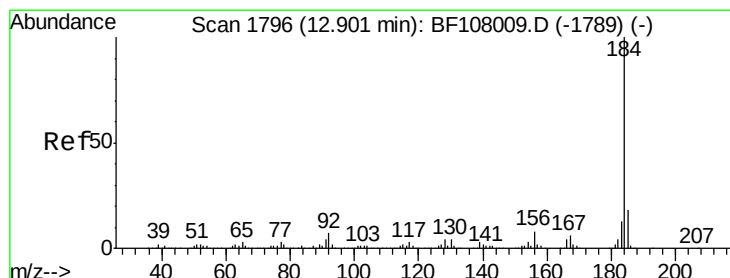
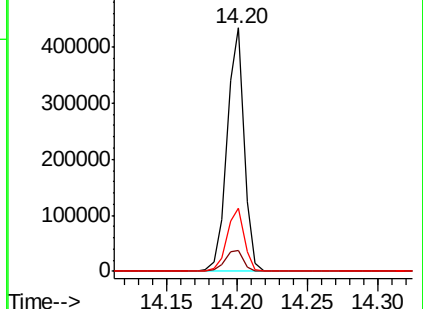
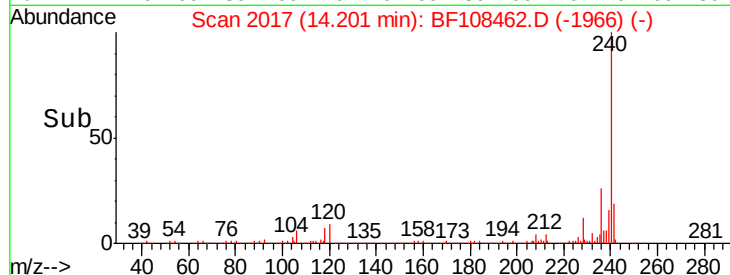
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.971 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

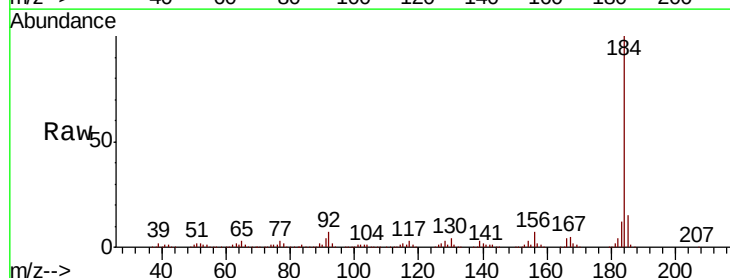
Tgt Ion:184 Resp: 597534

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

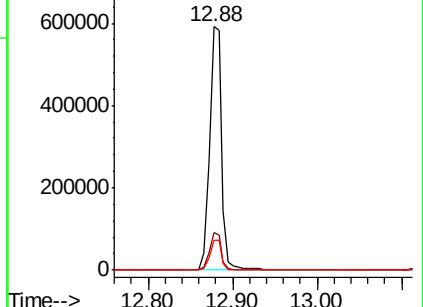
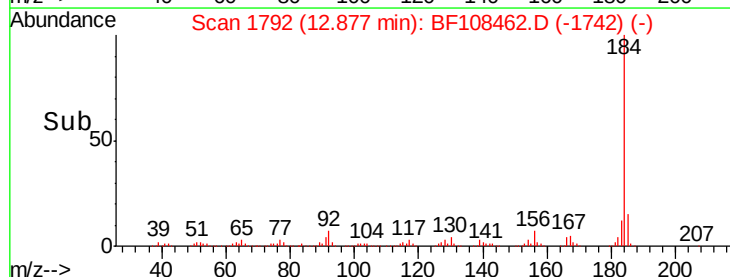
183 12.0 9.3 13.9

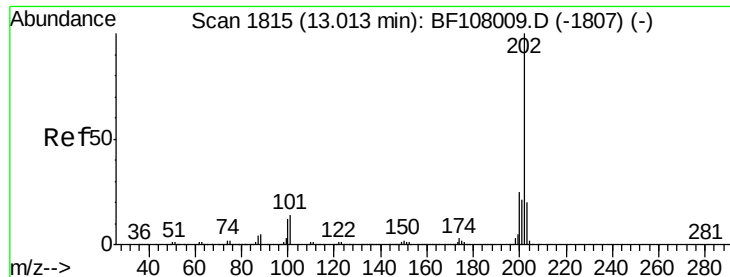


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

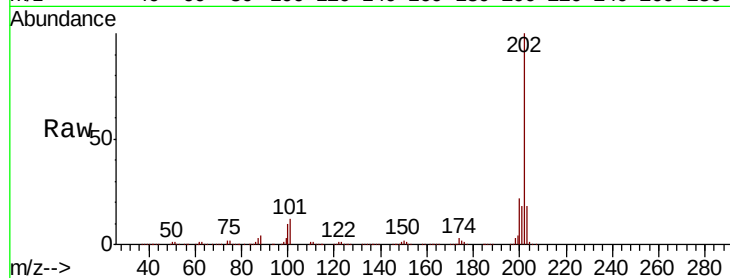




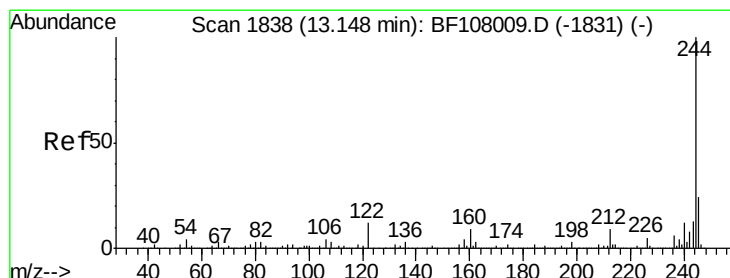
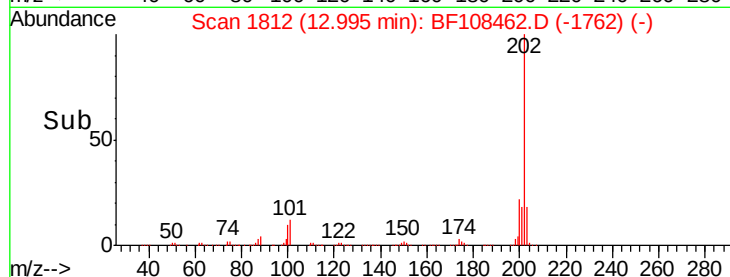
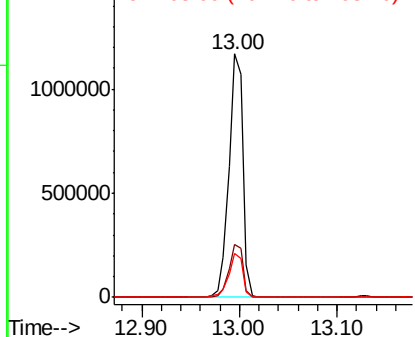
#77
Pvrene
Concen: 50.267 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 1157493
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.1 14.3 21.5

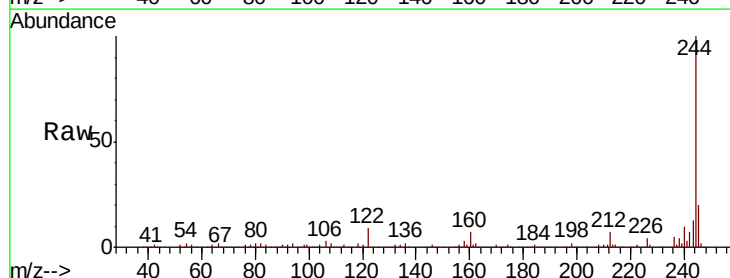


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

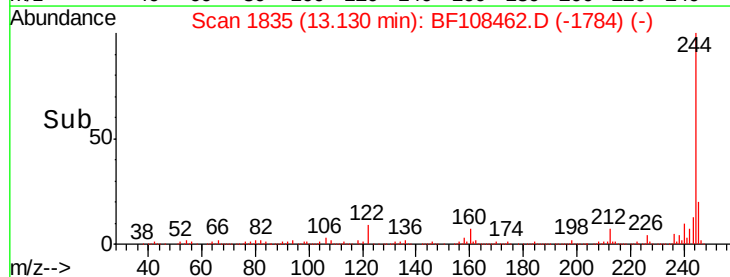
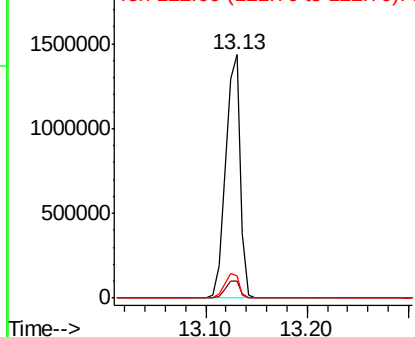


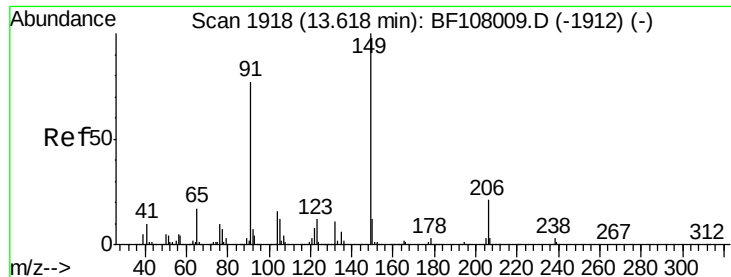
#78
Terphenyl-d14
Concen: 99.569 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:244 Resp: 1424333
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 9.2 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

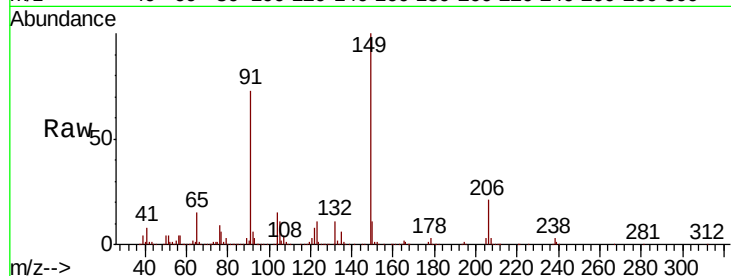




#79
Butylbenzylphthalate
Concen: 53.104 ng
RT: 13.60 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.8	85.2
206	20.7	14.1	21.1

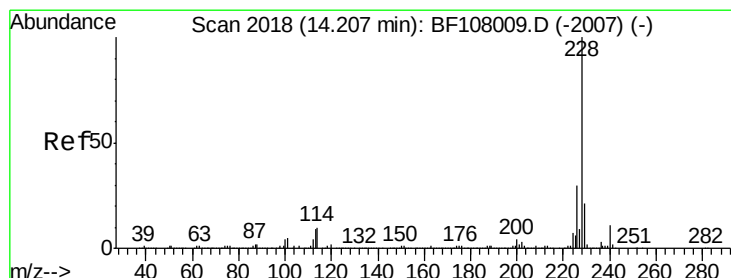
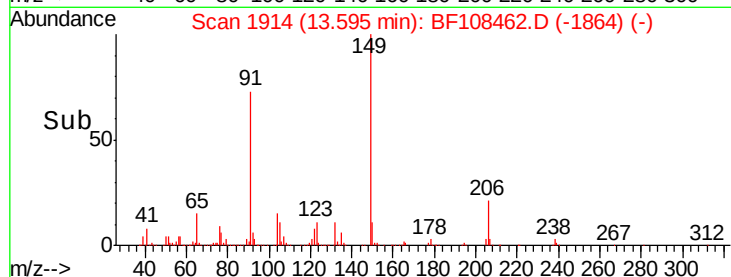
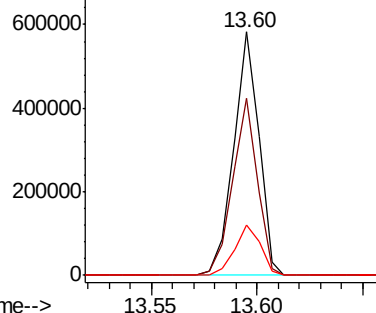


Abundance

Ion 149.00 (148.70 to 149.70): E

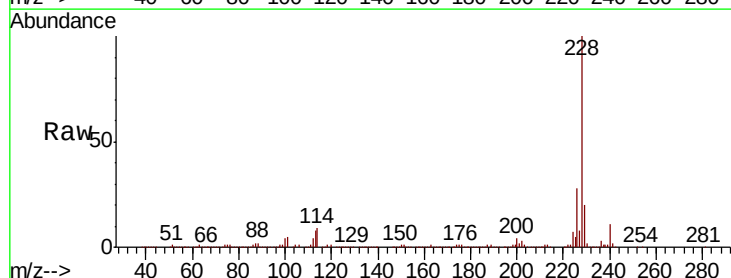
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 43.590 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	15.8	23.6

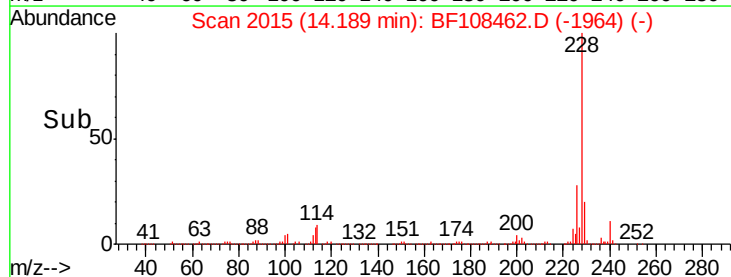
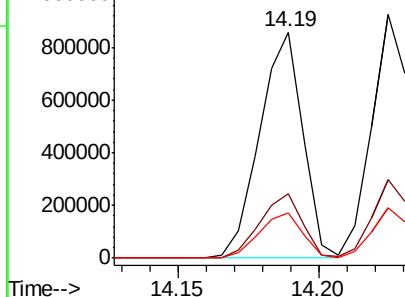


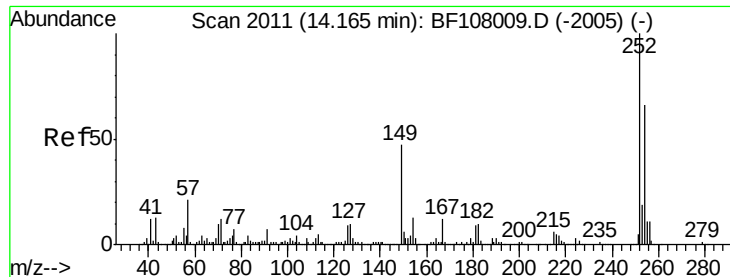
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

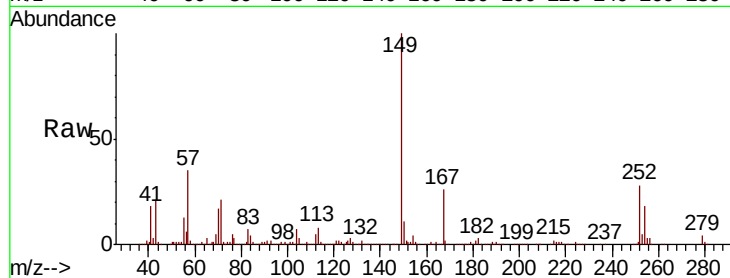




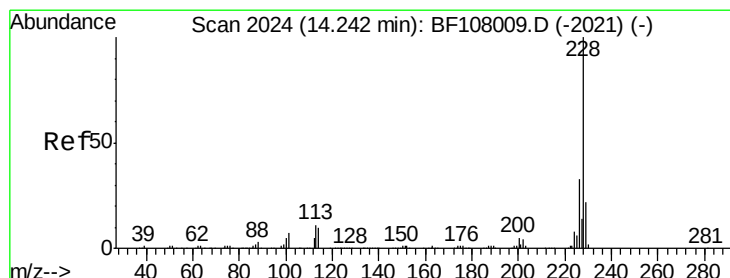
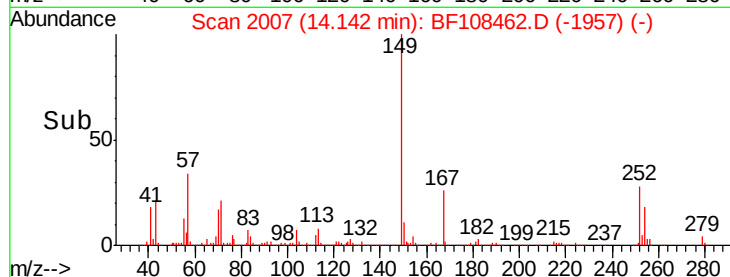
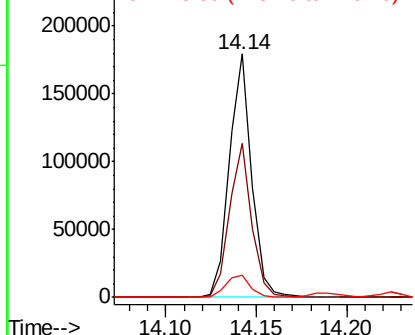
#81
 3,3'-Dichlorobenzidine
 Concen: 20.542 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 153663
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.4 75.6
 126 8.9 11.3 16.9#

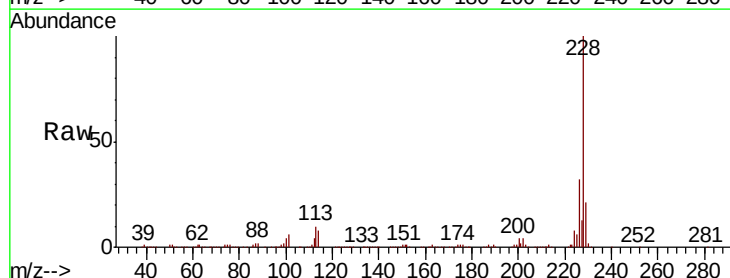


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

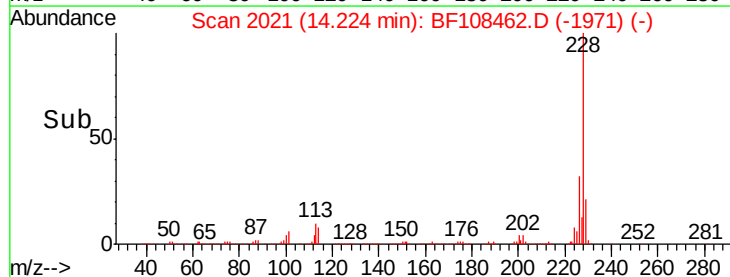
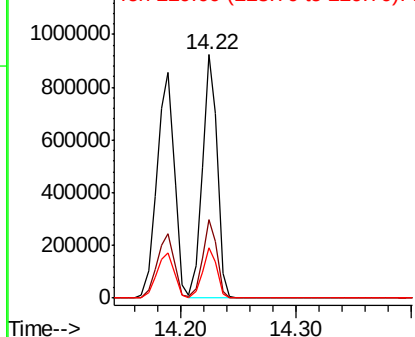


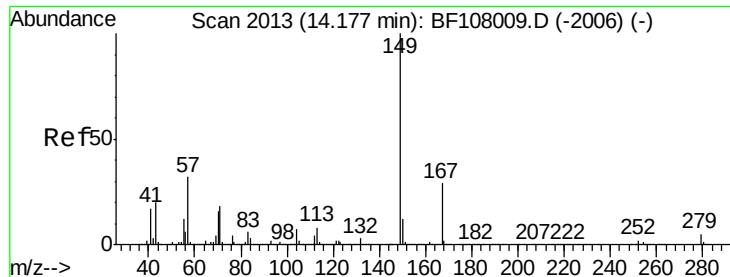
#82
 Chrysene
 Concen: 43.362 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion:228 Resp: 829810
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.5 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.009 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_G

ClientSampleId :

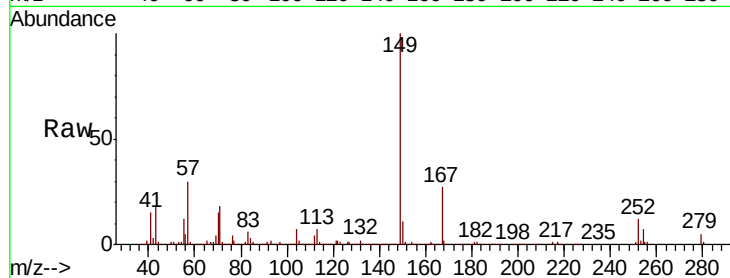
Tot Ion:149 Resp: 656363

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

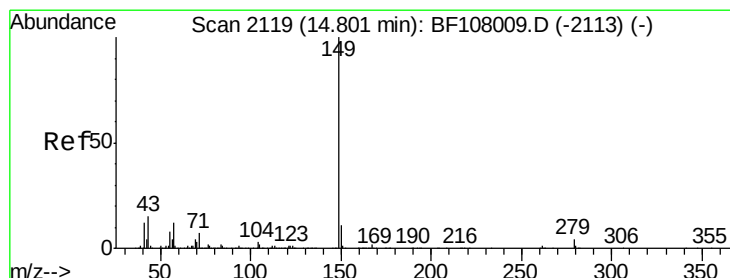
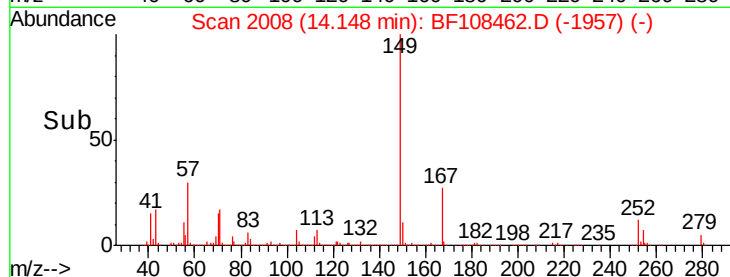
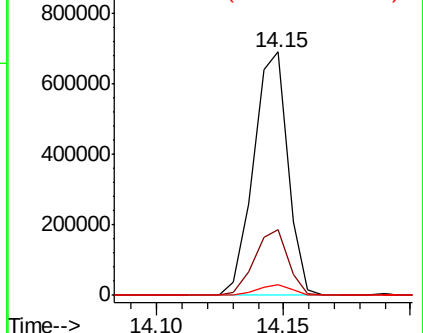
279 4.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.844 ng

RT: 14.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

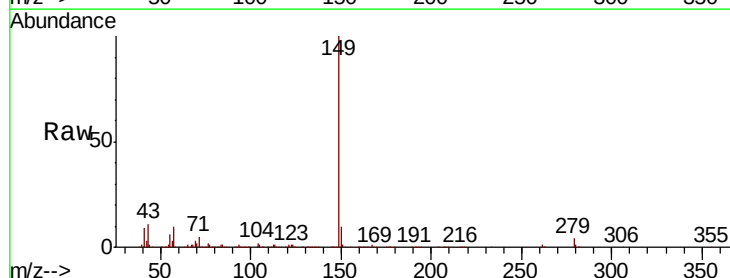
Tgt Ion:149 Resp: 960123

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

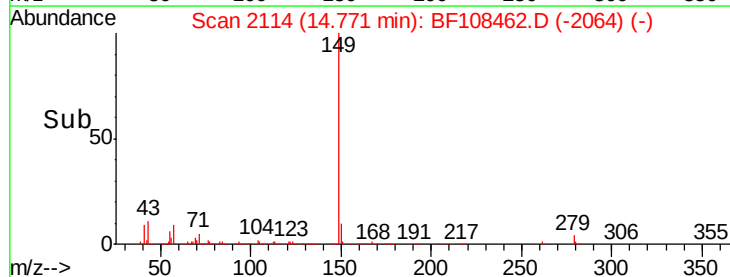
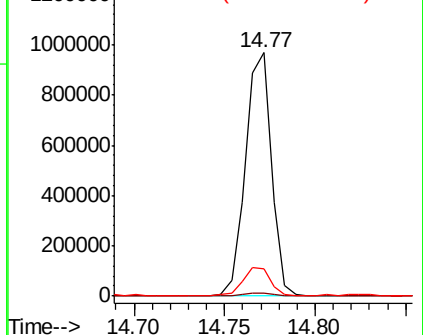
43 11.8 8.4 12.6

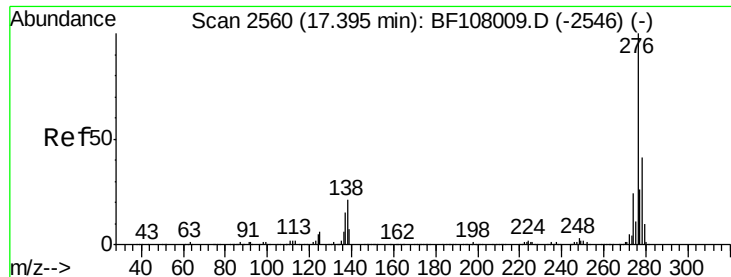


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

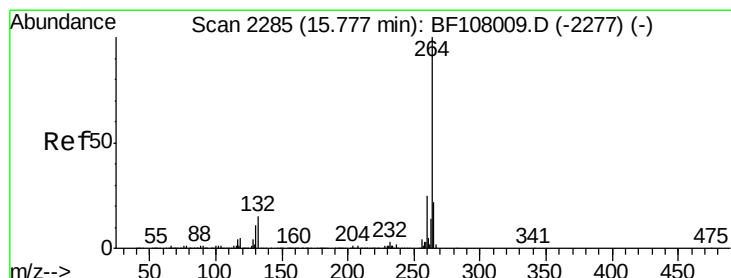
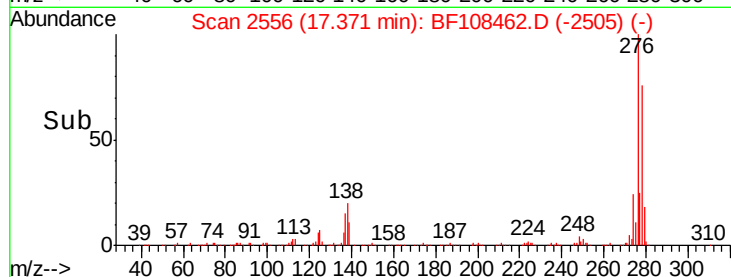
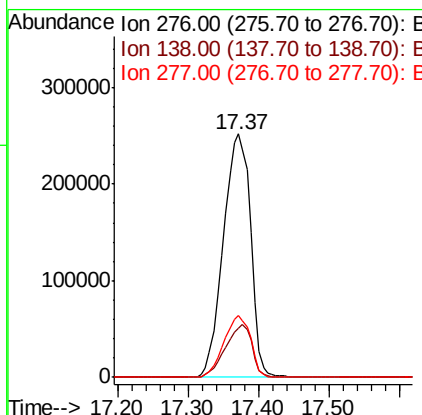
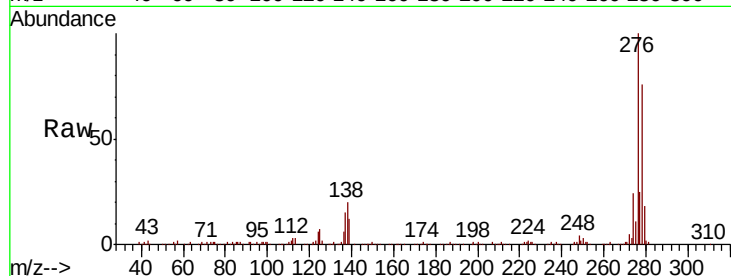




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.671 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

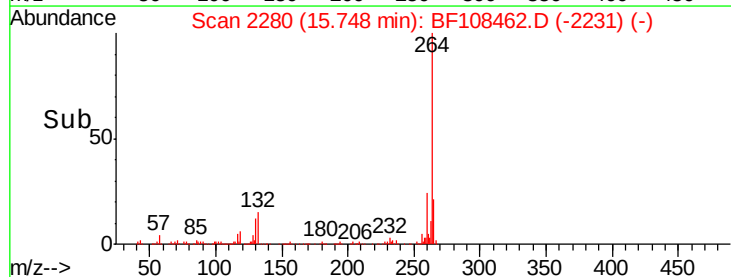
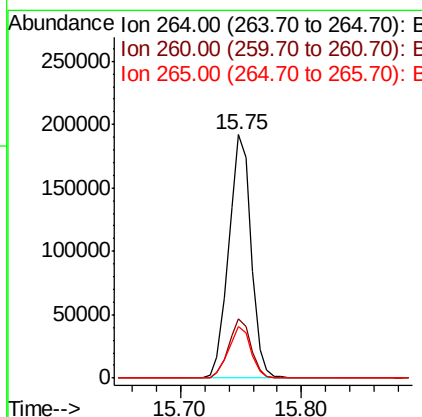
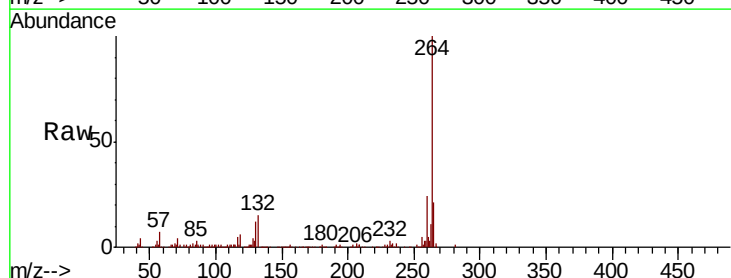
Instrument :
 BNA_G
 ClientSampleId :

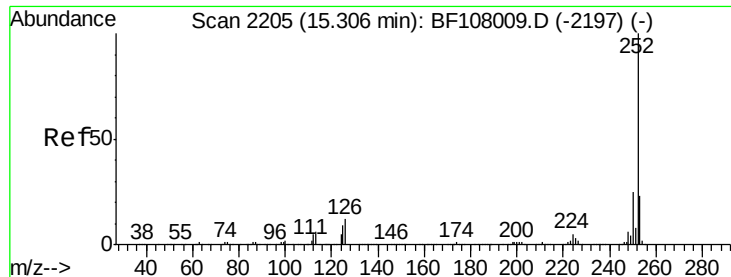
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3

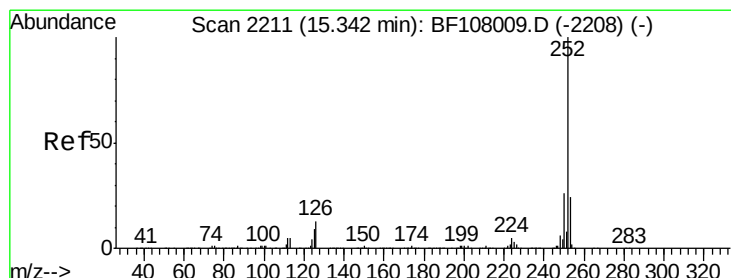
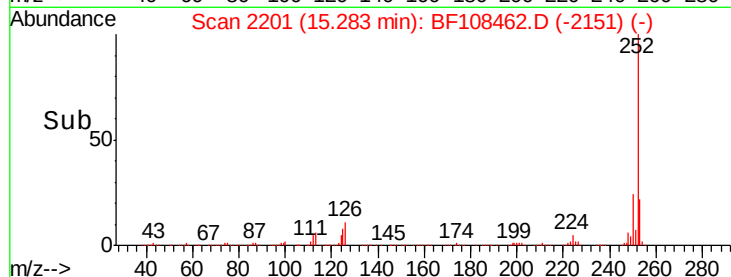
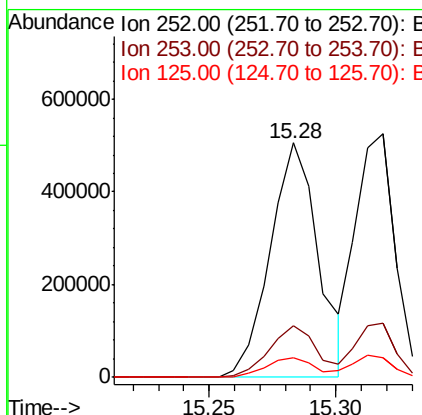
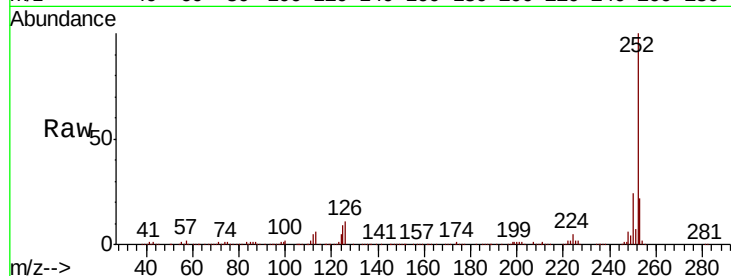




#87
Benzo(b)fluoranthene
Concen: 45.197 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

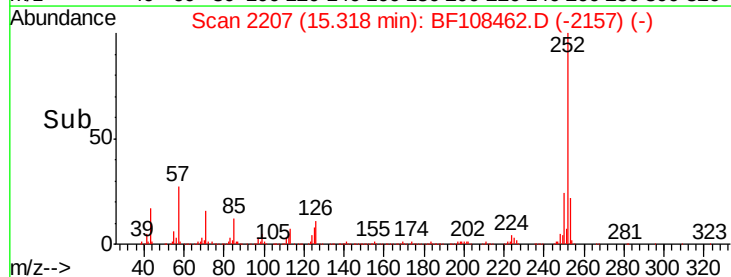
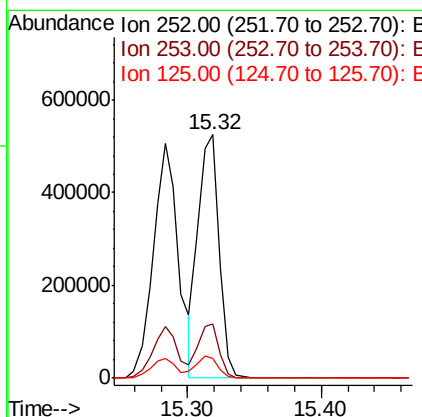
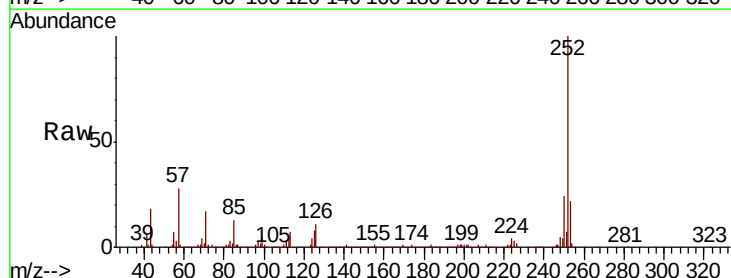
Instrument :
BNA_G
ClientSampleId :

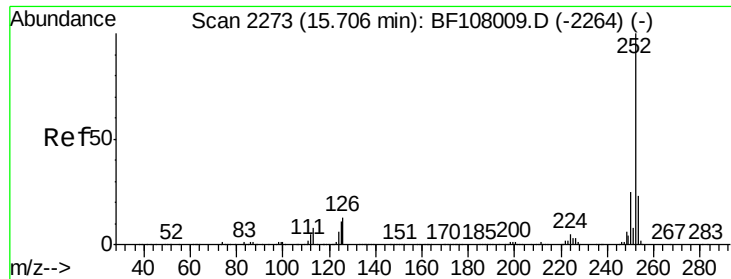
Tot Ion:252 Resp: 668869
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.6 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 41.670 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:252 Resp: 566877
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.8 10.2 15.2#

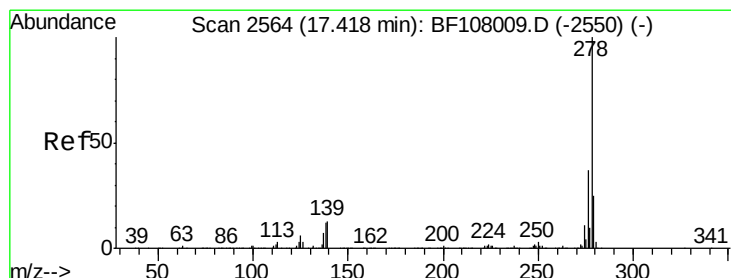
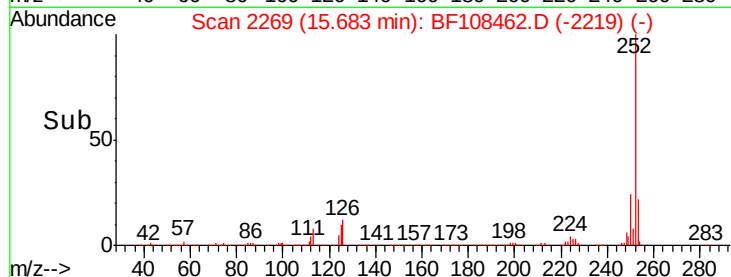
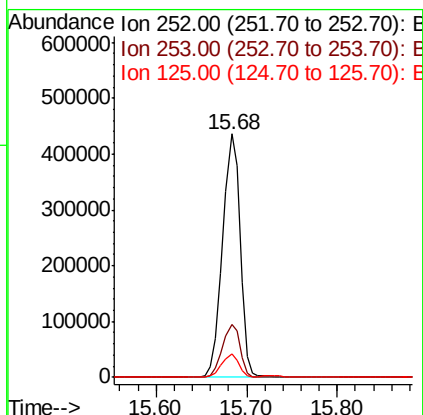
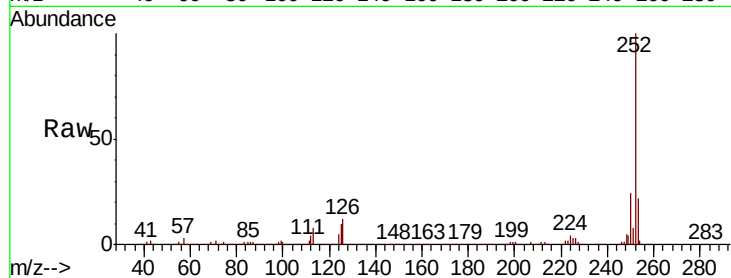




#89
Benzo(a)pyrene
Concen: 44.126 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

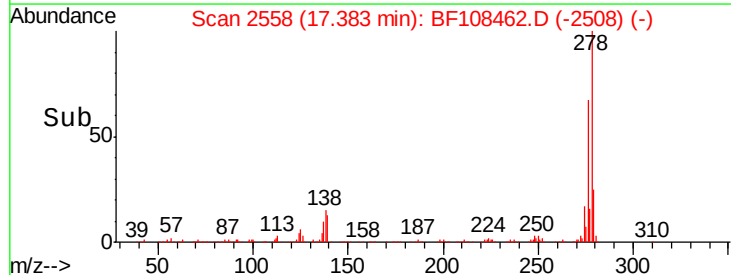
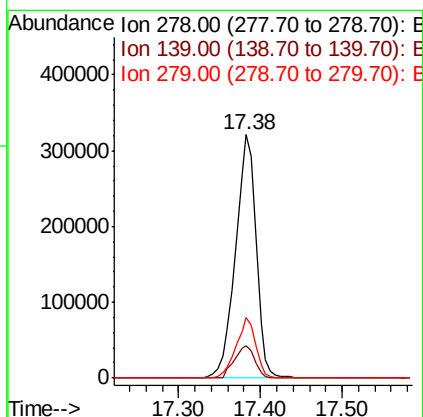
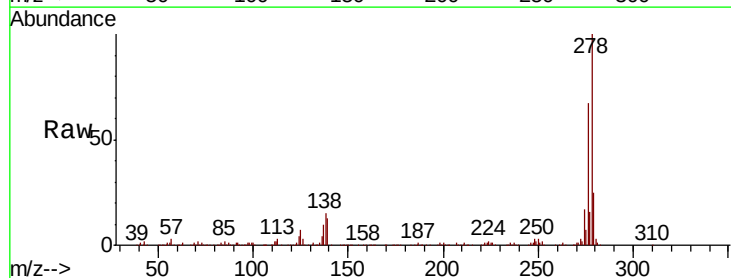
Instrument :
BNA_G
ClientSampled :

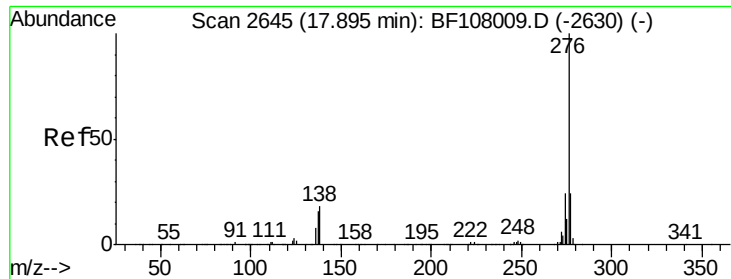
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 51.745 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	15.9	23.9
279	24.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.604 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	18.7	21.8	32.8

