

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038328.D
 Acq On : 4 Dec 2018 14:02
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 14:53:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 13:58:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	37462	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	167385	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	98388	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	252672	20.00	ng	0.00
76) Chrysene-d12	21.74	240	216920	20.00	ng	0.00
87) Perylene-d12	25.05	264	234096	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	234151	107.92	ng	0.00
7) Phenol-d6	7.22	99	307331	99.23	ng	0.00
23) Nitrobenzene-d5	9.25	82	327452	104.72	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	130329	116.15	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	701497	103.87	ng	0.00
79) Terphenyl-d14	20.06	244	966444	104.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	48114	46.947	ng	96
3) Pyridine	3.91	79	163180	55.817	ng	92
4) n-Nitrosodimethylamine	3.84	42	66958	63.131	ng	96
6) Aniline	7.40	93	203233	50.842	ng	99
8) 2-Chlorophenol	7.63	128	127985	50.836	ng	98
9) Benzaldehyde	7.21	77	89606	40.006	ng	97
10) Phenol	7.25	94	164351	50.098	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	134688	50.290	ng	100
12) 1,3-Dichlorobenzene	7.96	146	144119	49.690	ng	96
13) 1,4-Dichlorobenzene	8.11	146	146302	49.935	ng	99
14) 1,2-Dichlorobenzene	8.42	146	133618	47.769	ng	96
15) Benzyl Alcohol	8.31	79	125296	55.908	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	278528	56.006	ng	97
17) 2-Methylphenol	8.51	107	111734	50.377	ng	98
18) Hexachloroethane	9.15	117	56434	52.926	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	113605	50.693	ng	95
20) 3+4-Methylphenols	8.84	107	159687	50.788	ng	97
22) Acetophenone	8.91	105	200290	48.093	ng	# 96
24) Nitrobenzene	9.29	77	164933	51.562	ng	97
25) Isophorone	9.81	82	288612	51.280	ng	97
26) 2-Nitrophenol	10.01	139	84868	53.146	ng	95
27) 2,4-Dimethylphenol	10.05	122	121287	50.410	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	178643	49.638	ng	99
29) 2,4-Dichlorophenol	10.53	162	136098	50.290	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	151165	49.846	ng	97
31) Naphthalene	10.95	128	401672	48.789	ng	100
32) Benzoic acid	10.21	122	86346	69.921	ng	98
33) 4-Chloroaniline	11.06	127	189627	49.516	ng	98
34) Hexachlorobutadiene	11.20	225	95858	51.359	ng	97
35) Caprolactam	11.86	113	58357	53.873	ng	# 84
36) 4-Chloro-3-methylphenol	12.17	107	159297	53.878	ng	97
37) 2-Methylnaphthalene	12.54	142	288062	48.711	ng	98
38) 1-Methylnaphthalene	12.76	142	278273	48.886	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	175736	53.453	ng	99

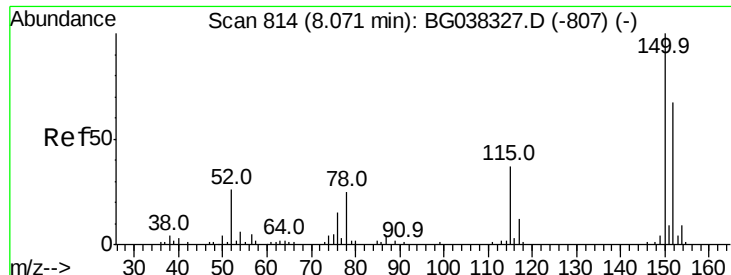
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	101278	57.529	nq	98
43) 2,4,6-Trichlorophenol	13.14	196	120471	53.774	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	128213	54.391	nq	97
46) 1,1'-Biphenyl	13.54	154	433535	52.450	nq	100
47) 2-Chloronaphthalene	13.59	162	323371	51.268	nq	98
48) 2-Nitroaniline	13.81	65	112491	56.667	nq	97
49) Acenaphthylene	14.44	152	480956	50.707	nq	99
50) Dimethylphthalate	14.16	163	405136	51.941	nq	99
51) 2,6-Dinitrotoluene	14.29	165	93053	52.711	nq	94
52) Acenaphthene	14.78	154	288592	50.540	nq	99
53) 3-Nitroaniline	14.63	138	102752	52.748	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	53259	71.602	nq	# 86
55) Dibenzofuran	15.11	168	472223	50.013	nq	97
56) 4-Nitrophenol	14.92	139	79912	53.190	nq	87
57) 2,4-Dinitrotoluene	15.08	165	132400	55.123	nq	95
58) Fluorene	15.76	166	357405	50.733	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	105798	53.637	nq	98
60) Diethylphthalate	15.52	149	432870	52.249	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	215966	52.391	nq	98
62) 4-Nitroaniline	15.80	138	102510	52.973	nq	90
63) Azobenzene	16.04	77	390219	52.679	nq	96
65) 4,6-Dinitro-2-methylphenol	15.84	198	85705	53.627	nq	95
66) n-Nitrosodiphenylamine	15.96	169	354751	46.409	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	138062	49.783	nq	95
68) Hexachlorobenzene	16.76	284	139961	48.893	nq	98
69) Atrazine	16.90	200	132599	47.057	nq	99
70) Pentachlorophenol	17.10	266	102390	52.665	nq	96
71) Phenanthrene	17.50	178	637826	49.305	nq	99
72) Anthracene	17.59	178	613972	48.147	nq	99
73) Carbazole	17.87	167	619569	48.427	nq	100
74) Di-n-butylphthalate	18.40	149	724166	50.423	nq	98
75) Fluoranthene	19.51	202	711628	48.215	nq	98
77) Benzidine	19.69	184	328684	43.182	nq	98
78) Pyrene	19.87	202	718735	50.678	nq	98
80) Butylbenzylphthalate	20.74	149	318600	51.369	nq	99
81) Benzo(a)anthracene	21.72	228	670909	51.181	nq	100
82) 3,3'-Dichlorobenzidine	21.64	252	263643	51.631	nq	99
83) Chrysene	21.79	228	633178	50.484	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	440305	49.780	nq	98
85) Di-n-octyl phthalate	22.82	149	773888	54.083	nq	97
86) Indeno(1,2,3-cd)pyrene	28.85	276	742937	53.334	nq	# 94
88) Benzo(b)fluoranthene	23.99	252	689563	53.527	nq	98
89) Benzo(k)fluoranthene	24.06	252	651307	51.237	nq	99
90) Benzo(a)pyrene	24.90	252	629466	51.128	nq	96
91) Dibenzo(a,h)anthracene	28.92	278	613695	51.807	nq	98
92) Benzo(g,h,i)perylene	30.06	276	610886	51.865	nq	# 95

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

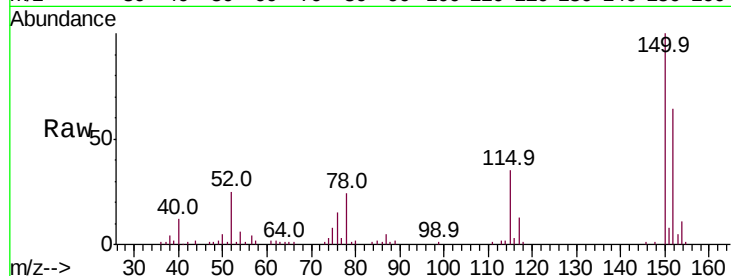


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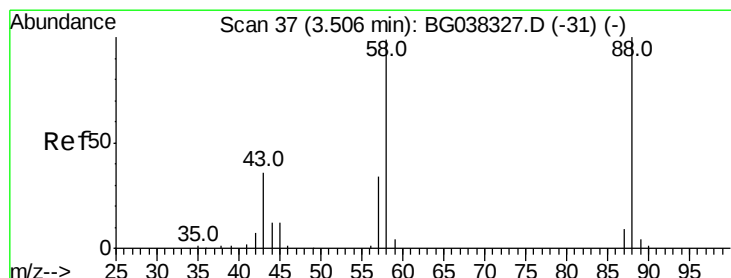
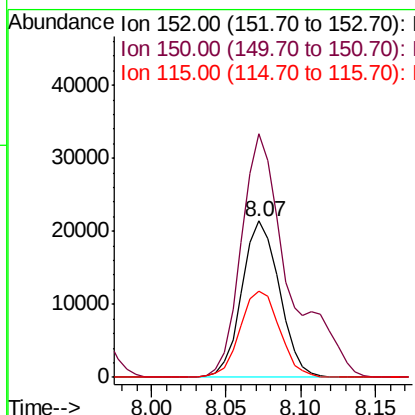
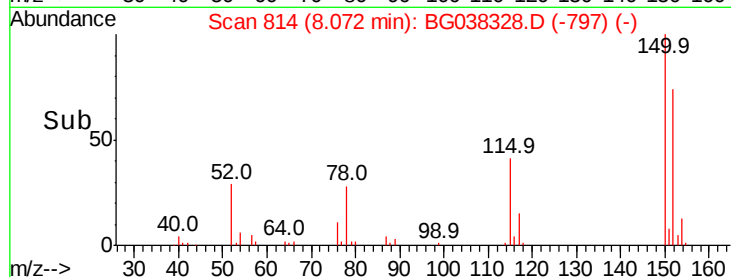
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37462
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 55.2 45.5 68.3



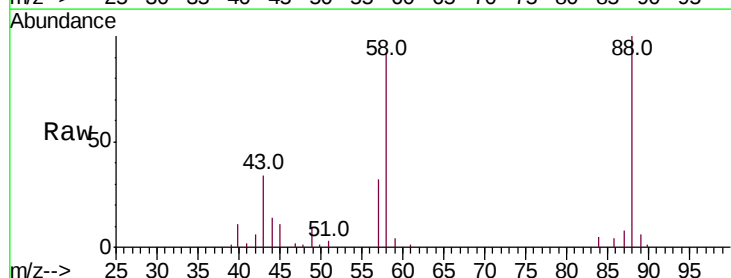
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



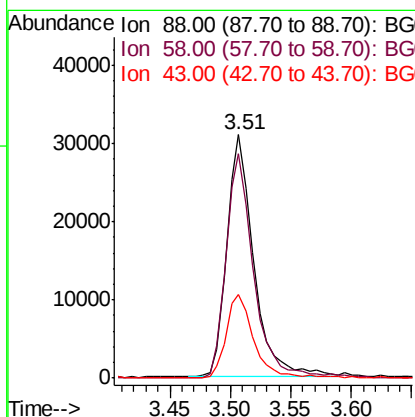
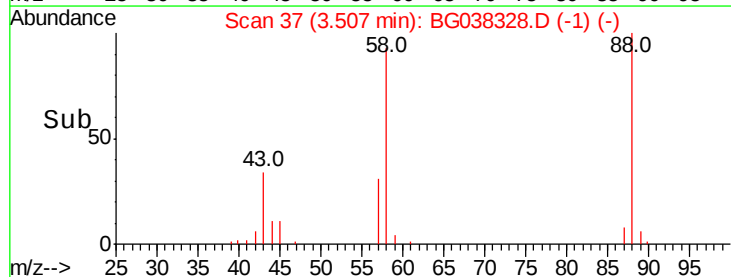
#2

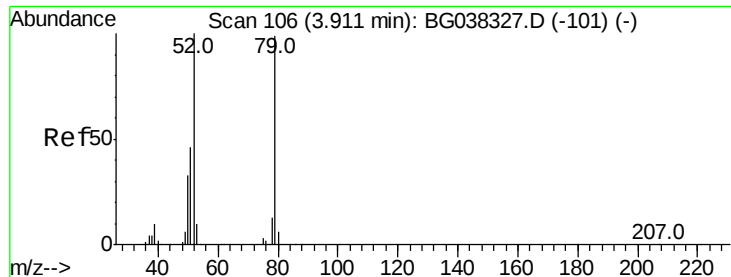
1,4-Dioxane
Concen: 46.947 ng
RT: 3.51 min Scan# 37
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion: 88 Resp: 48114
Ion Ratio Lower Upper
88 100
58 95.4 74.4 111.6
43 35.9 25.8 38.8



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





#3

Pvridine

Concen: 55.817 ng

RT: 3.91 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

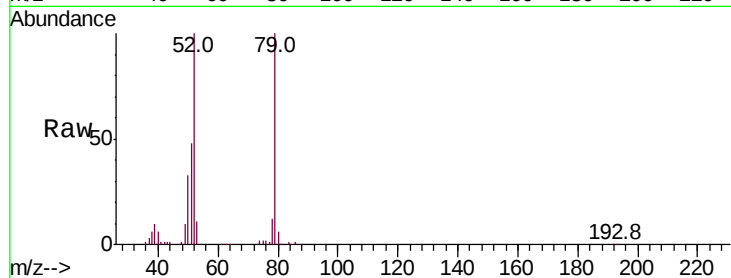
Tot Ion: 79 Resp: 163180

Ion Ratio Lower Upper

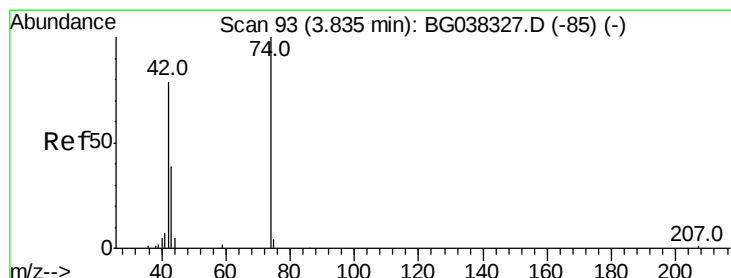
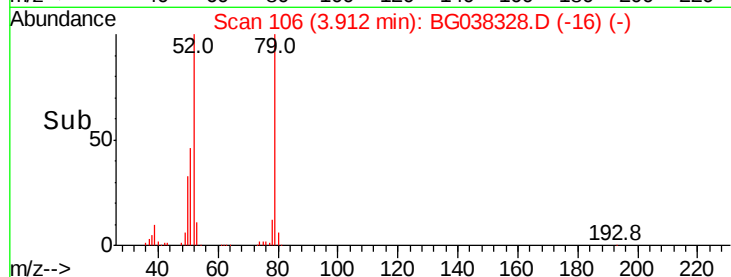
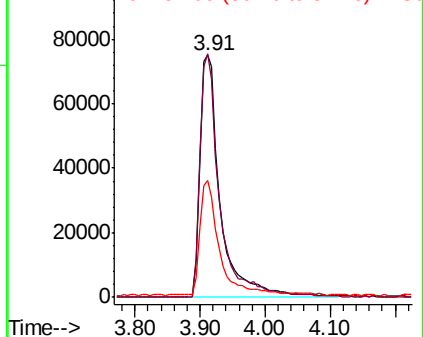
79 100

52 100.5 74.2 111.2

51 48.0 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 63.131 ng

RT: 3.84 min Scan# 93

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

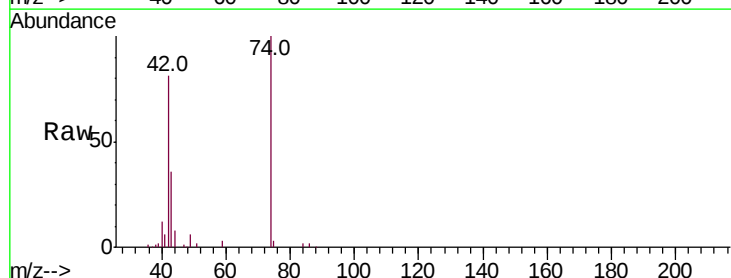
Tgt Ion: 42 Resp: 66958

Ion Ratio Lower Upper

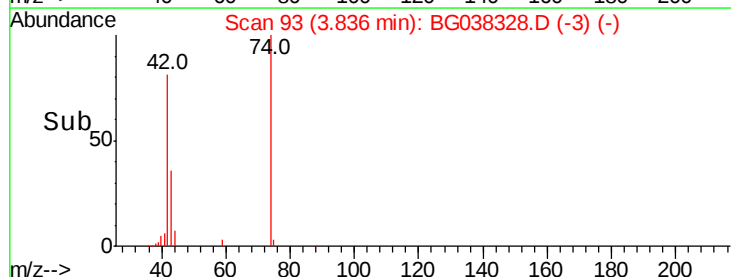
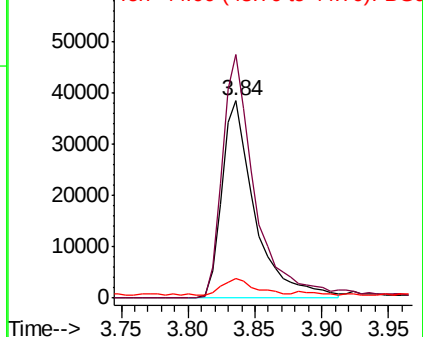
42 100

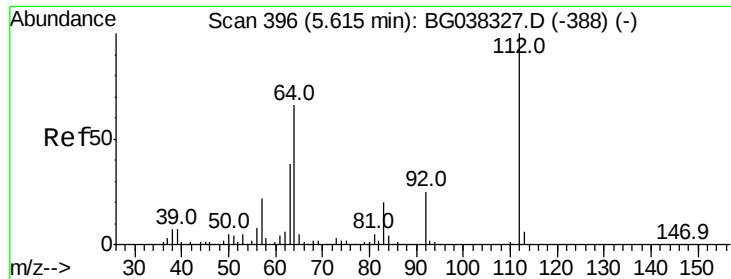
74 123.4 102.0 153.0

44 10.2 9.6 14.4



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





#5

2-Fluorophenol

Concen: 107.917 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

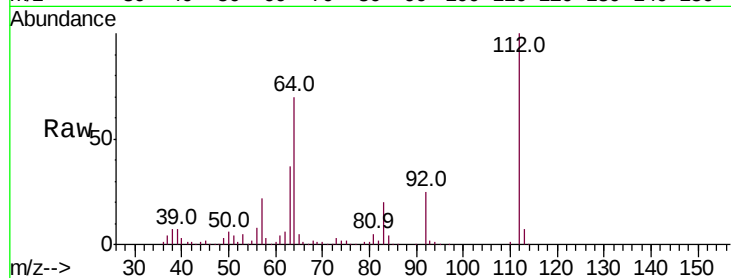
Tot Ion:112 Resp: 234151

Ion Ratio Lower Upper

112 100

64 69.8 53.1 79.7

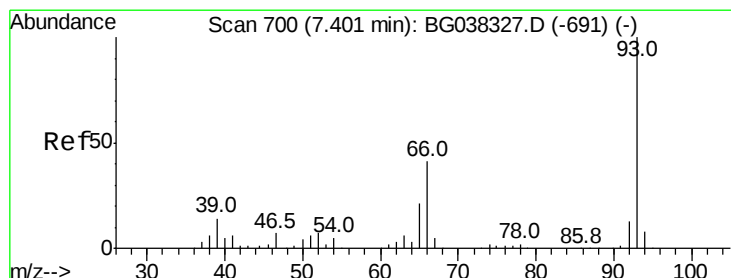
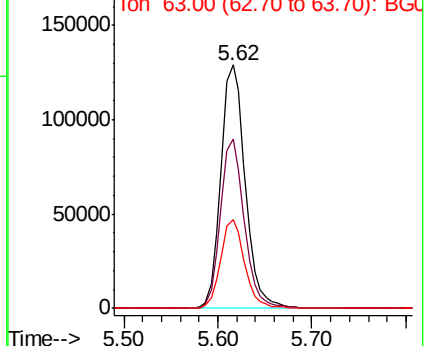
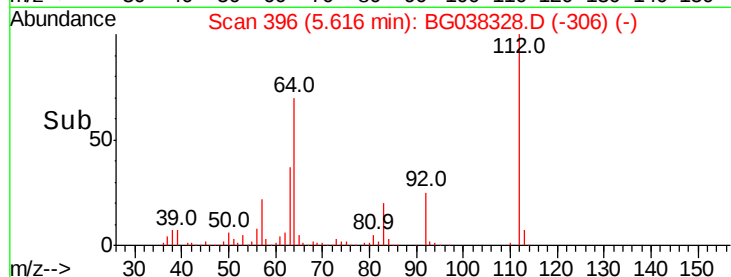
63 36.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 50.842 ng

RT: 7.40 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

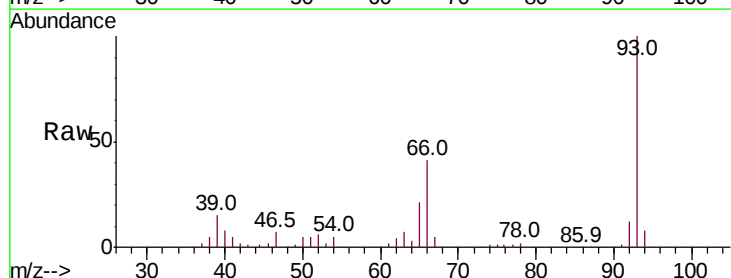
Tgt Ion: 93 Resp: 203233

Ion Ratio Lower Upper

93 100

66 40.5 32.8 49.2

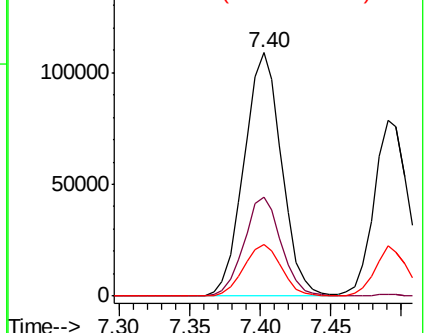
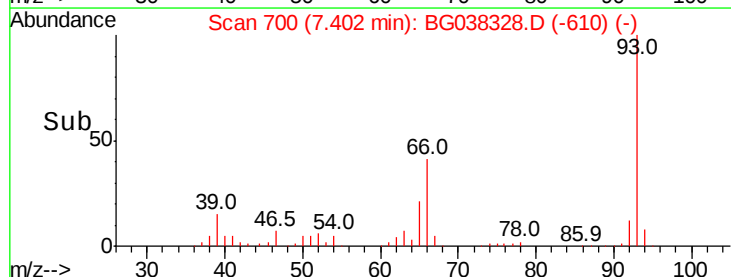
65 21.4 16.4 24.6

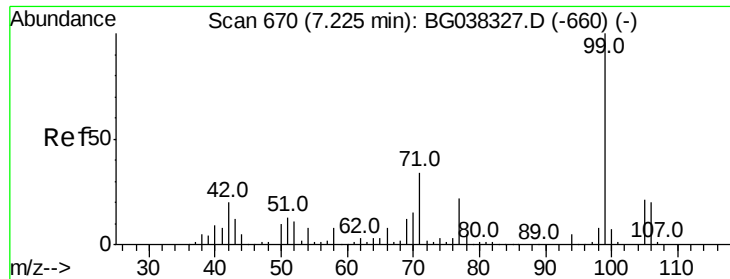


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.229 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

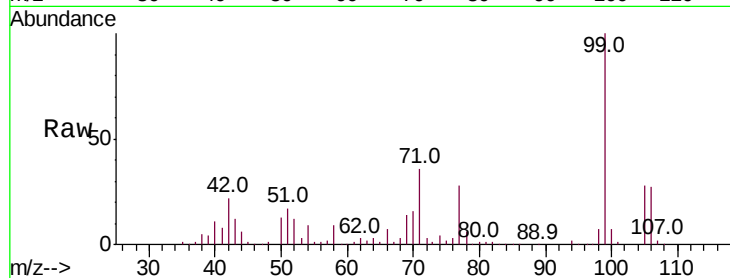
Tot Ion: 99 Resp: 307331

Ion Ratio Lower Upper

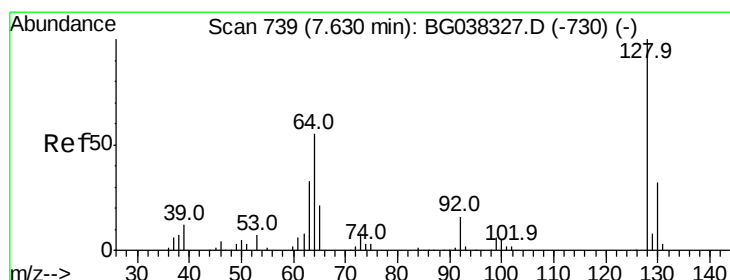
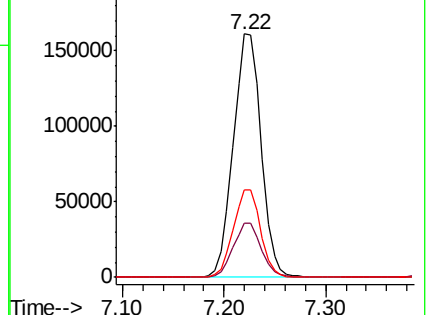
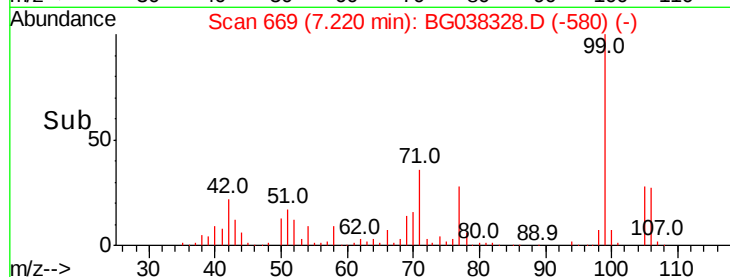
99 100

42 22.3 15.0 22.4

71 36.0 25.5 38.3



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



#8

2-Chlorophenol

Concen: 50.836 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

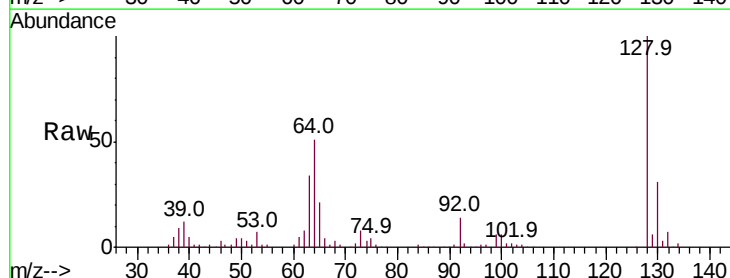
Tgt Ion:128 Resp: 127985

Ion Ratio Lower Upper

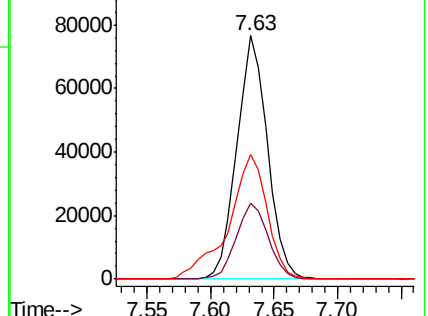
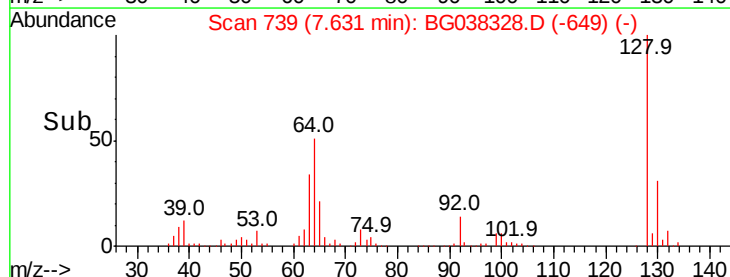
128 100

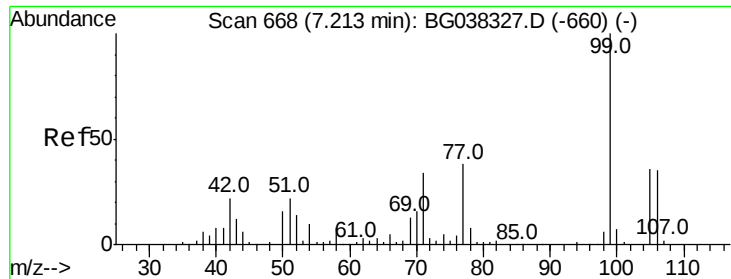
130 31.3 12.0 52.0

64 51.0 32.9 72.9



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): BGC





#9

Benzaldehyde

Concen: 40.006 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

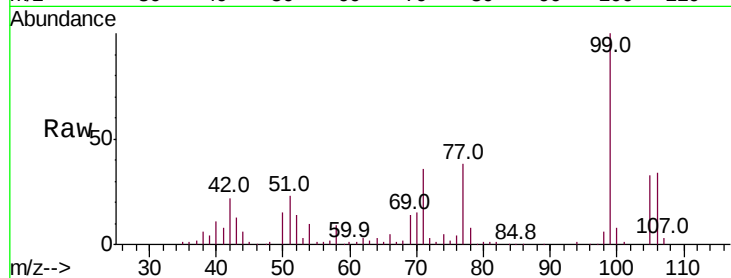
Tot Ion: 77 Resp: 89606

Ion Ratio Lower Upper

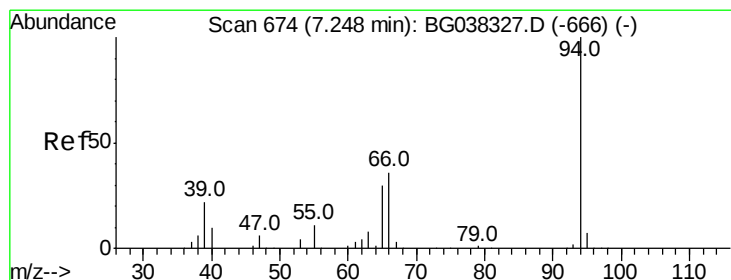
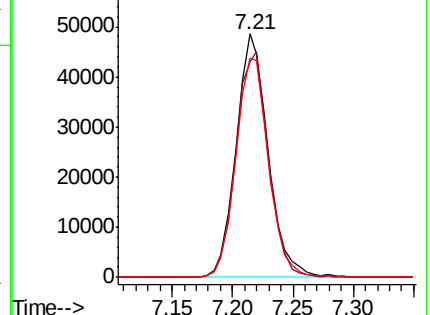
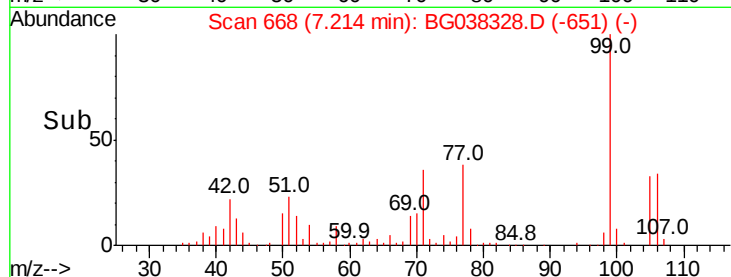
77 100

105 88.5 72.6 112.6

106 90.0 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.098 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

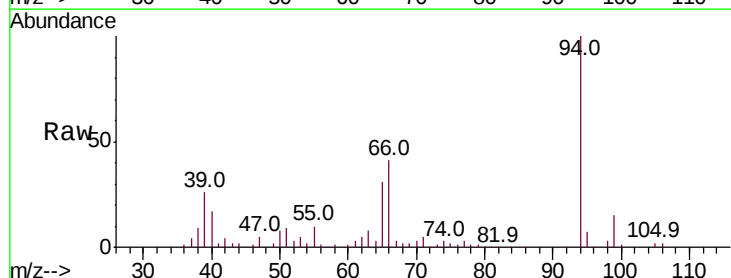
Tgt Ion: 94 Resp: 164351

Ion Ratio Lower Upper

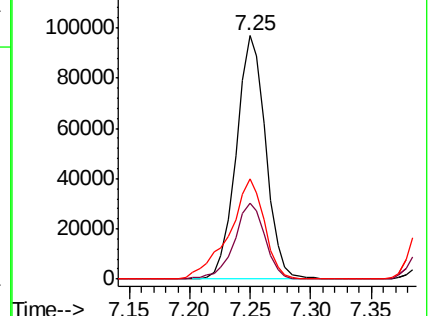
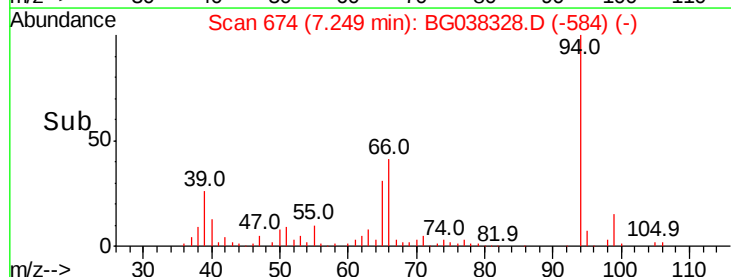
94 100

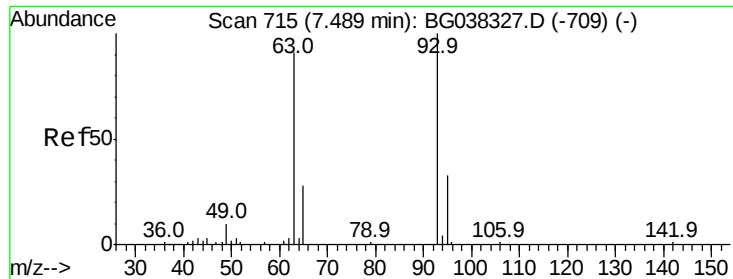
65 31.4 9.7 49.7

66 41.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

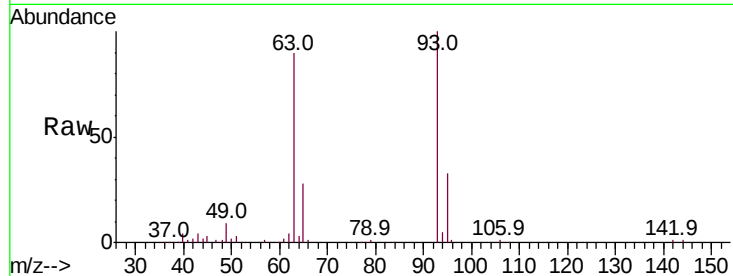




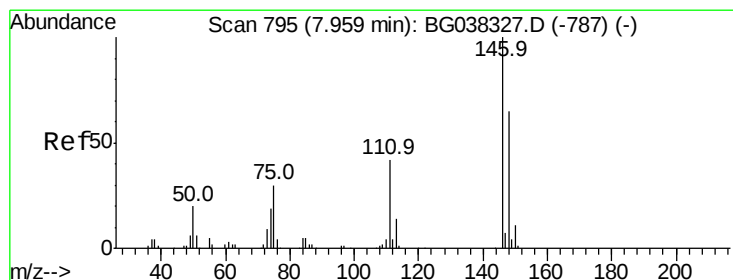
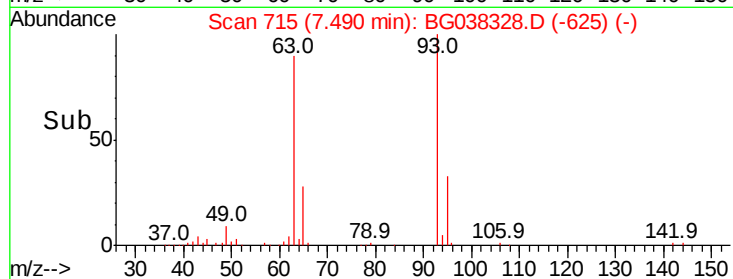
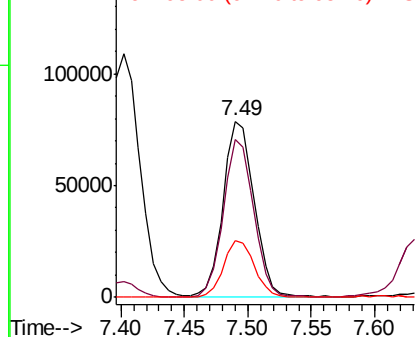
#11
 bis(2-Chloroethyl)ether
 Concen: 50.290 ng
 RT: 7.49 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 134688
 Ion Ratio Lower Upper
 93 100
 63 89.9 69.5 109.5
 95 32.6 12.6 52.6

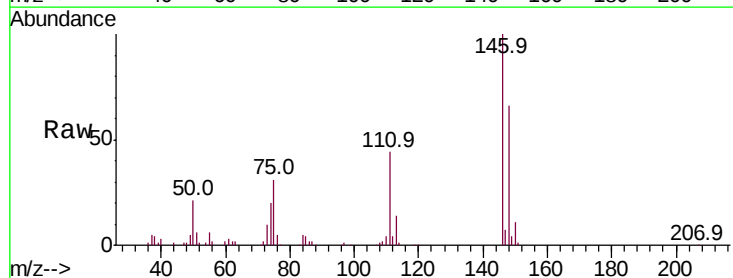


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

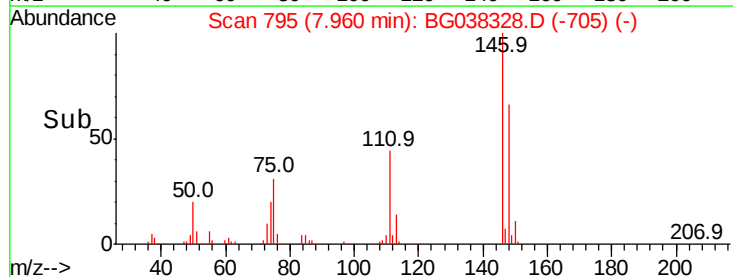
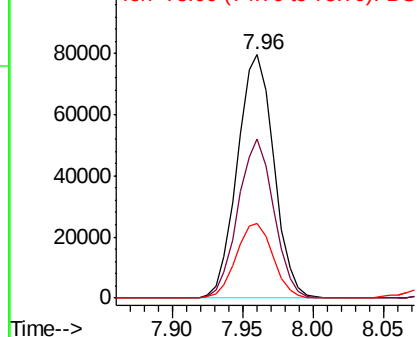


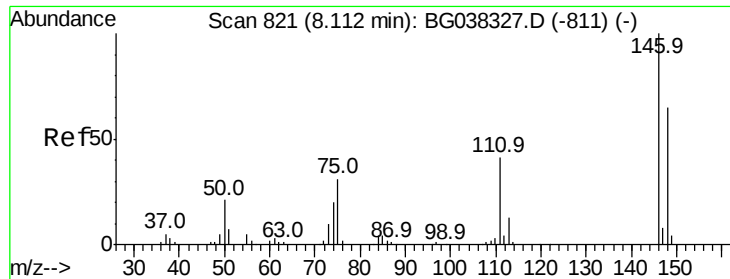
#12
 1,3-Dichlorobenzene
 Concen: 49.690 ng
 RT: 7.96 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:146 Resp: 144119
 Ion Ratio Lower Upper
 146 100
 148 65.6 49.8 74.8
 75 30.9 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

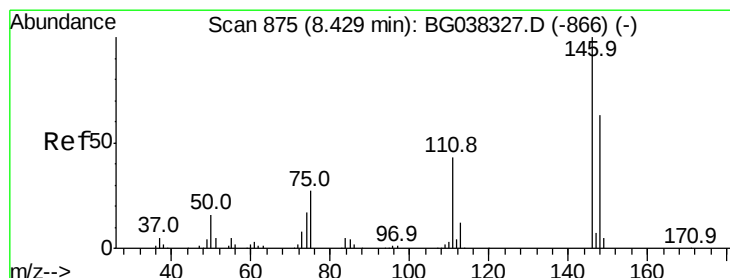
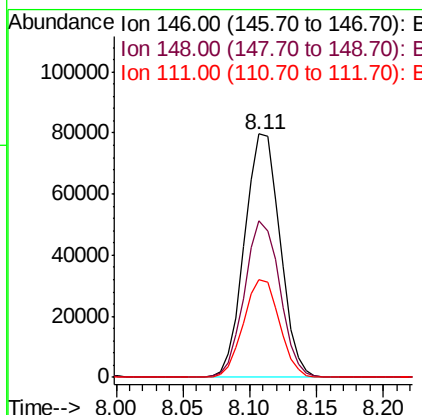
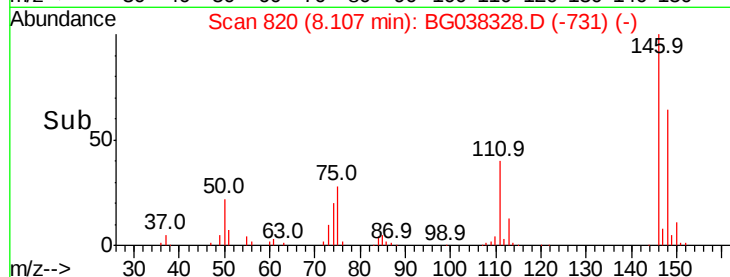
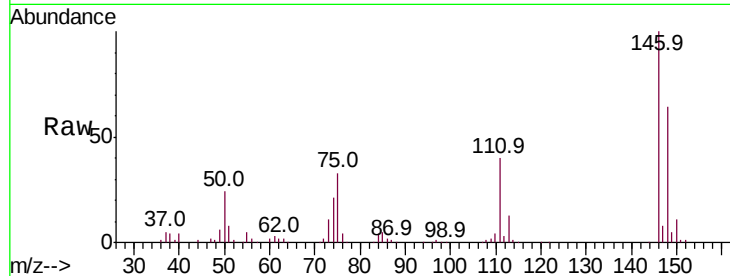




#13
 1,4-Dichlorobenzene
 Concen: 49.935 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

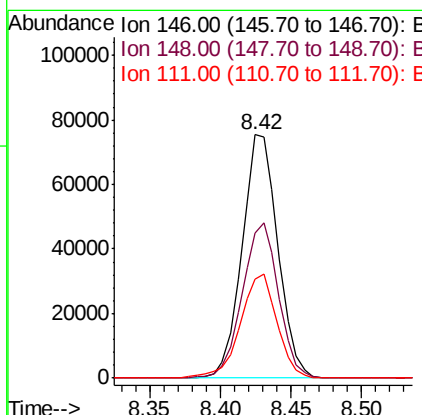
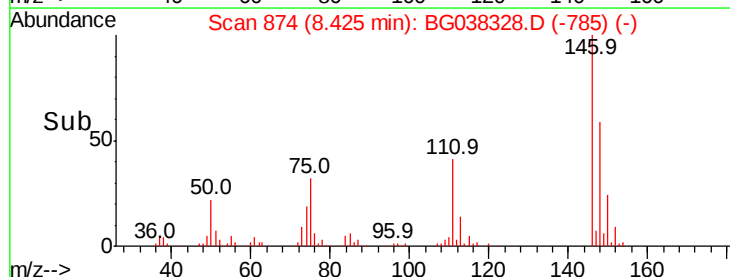
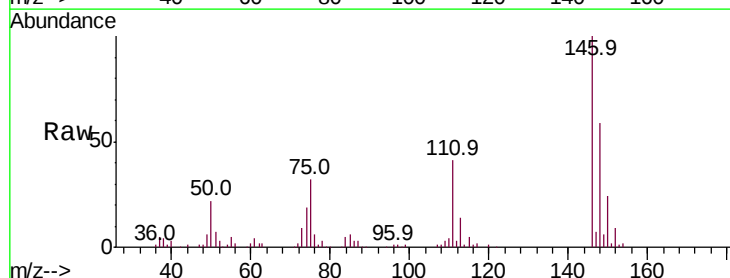
Instrument :
 BNA_G
 ClientSampleId :

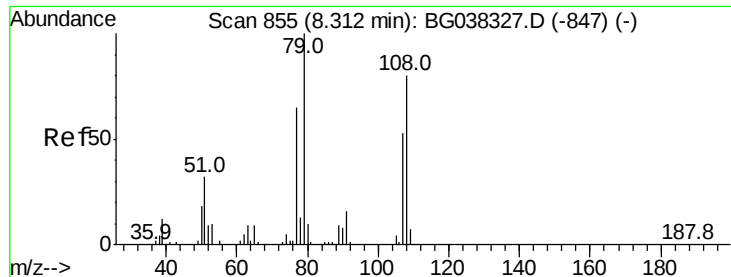
Tot Ion:146 Resp: 146302
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.6
 111 39.9 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 47.769 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:146 Resp: 133618
 Ion Ratio Lower Upper
 146 100
 148 59.5 50.4 75.6
 111 40.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 55.908 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

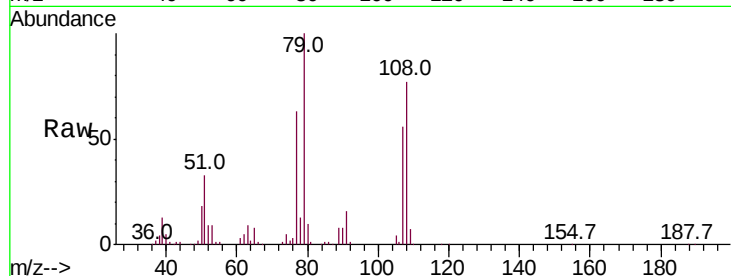
Tot Ion: 79 Resp: 125296

Ion Ratio Lower Upper

79 100

108 76.5 65.8 98.8

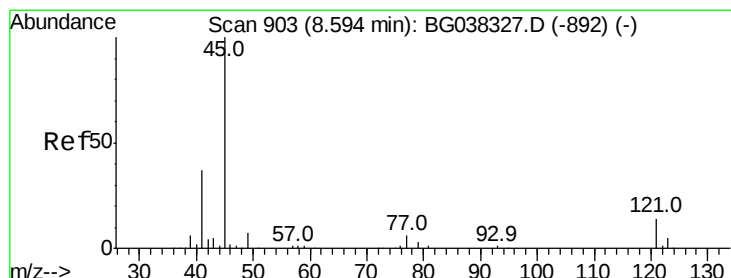
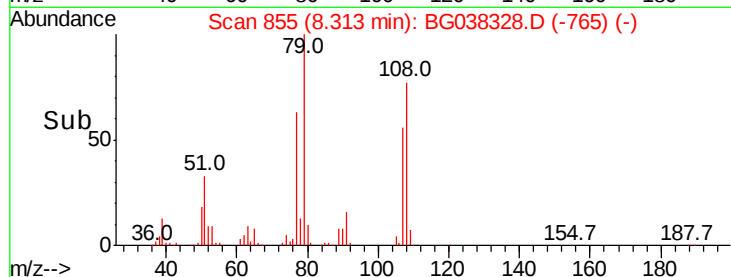
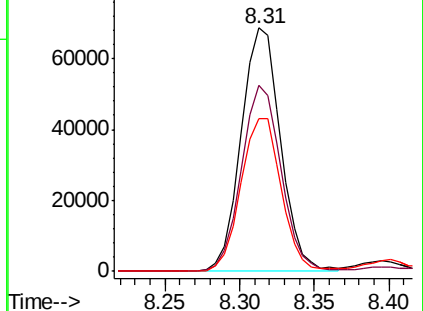
77 62.7 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.006 ng

RT: 8.59 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

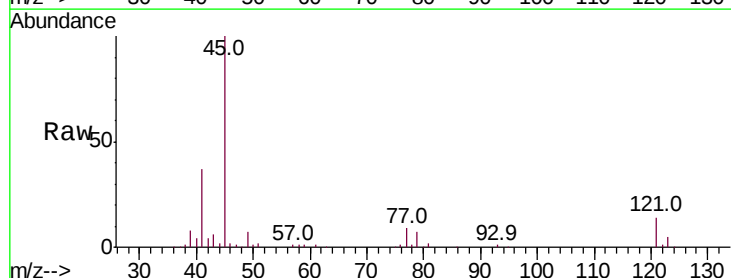
Tgt Ion: 45 Resp: 278528

Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.0

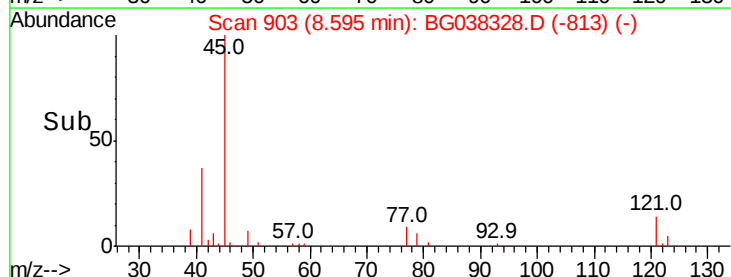
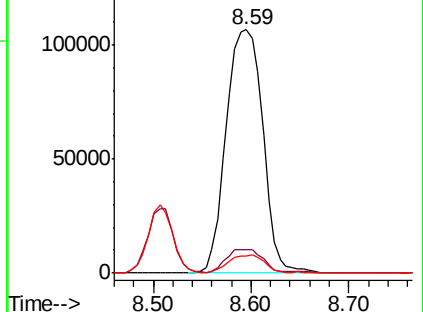
79 7.1 0.0 29.0

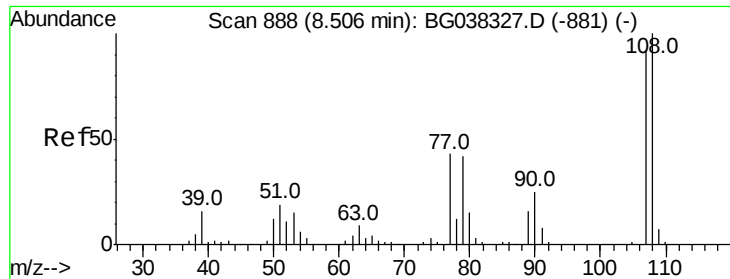


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

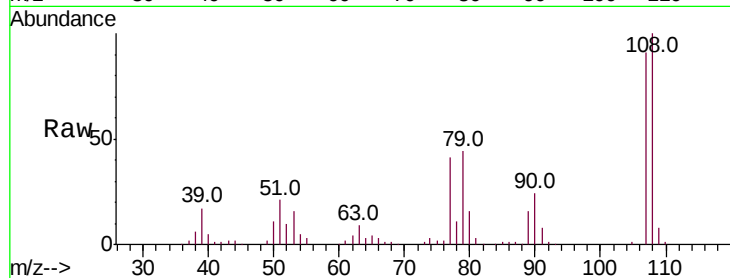




#17
2-Methylphenol
Concen: 50.377 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	87.9	131.9
77	44.8	35.1	52.7
79	48.1	34.5	51.7



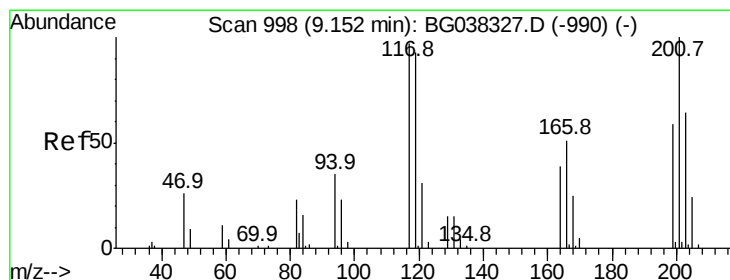
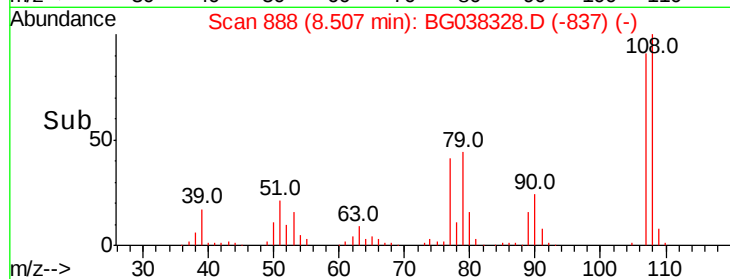
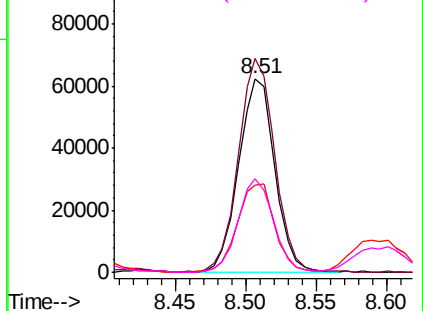
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

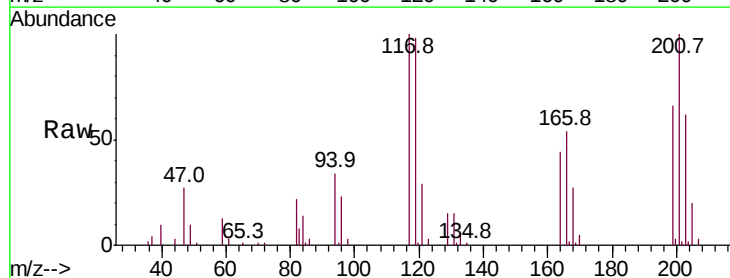
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 52.926 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.6	111.8
201	101.7	80.8	121.2

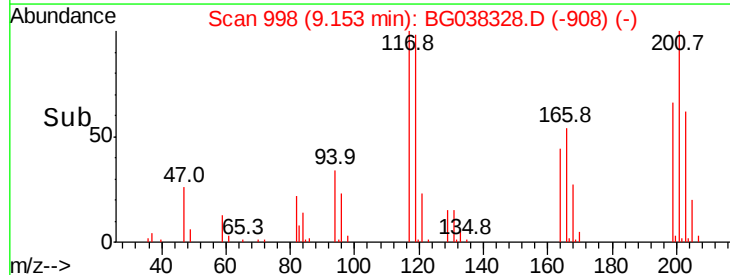
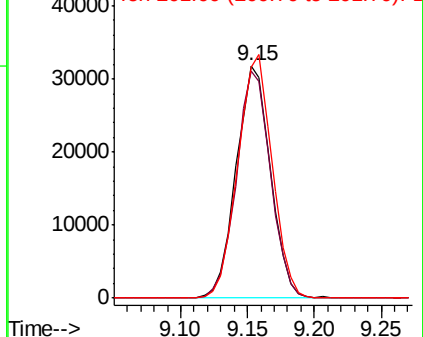


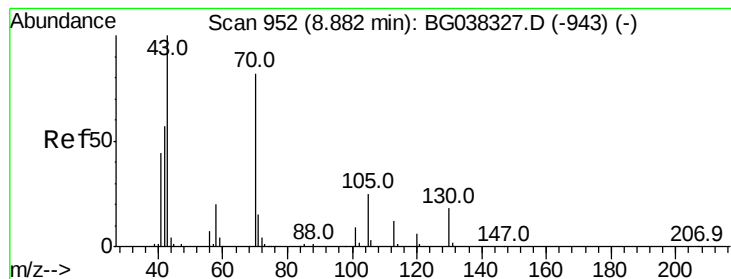
Abundance

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: 50.693 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 113605

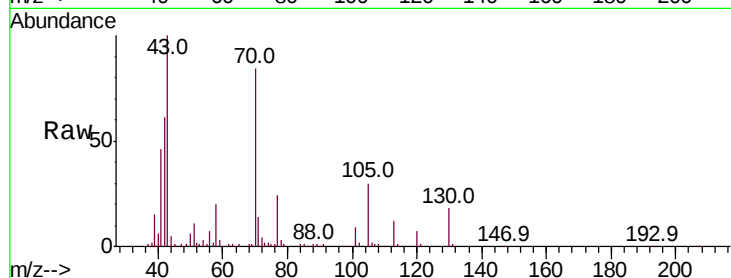
Ion Ratio Lower Upper

70 100

42 72.6 53.9 80.9

101 10.2 8.2 12.2

130 21.8 18.2 27.4

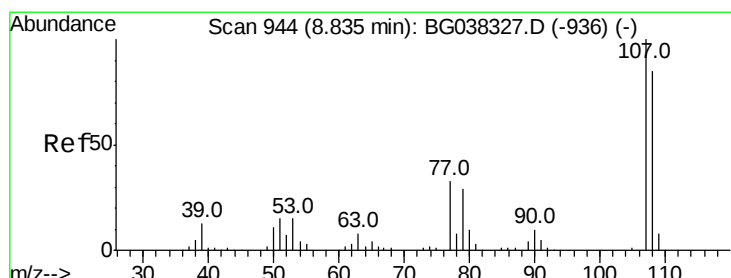
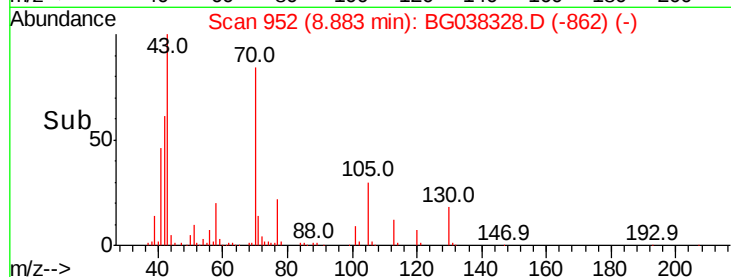
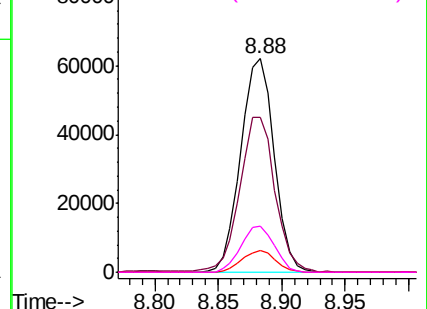


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 50.788 ng

RT: 8.84 min Scan# 945

Delta R.T. 0.01 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Tgt Ion:107 Resp: 159687

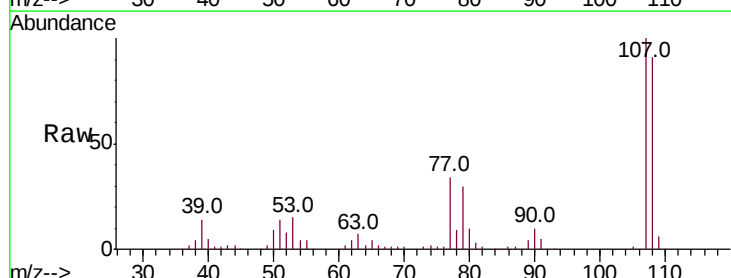
Ion Ratio Lower Upper

107 100

108 91.3 69.9 109.9

77 33.7 11.2 51.2

79 29.7 6.6 46.6

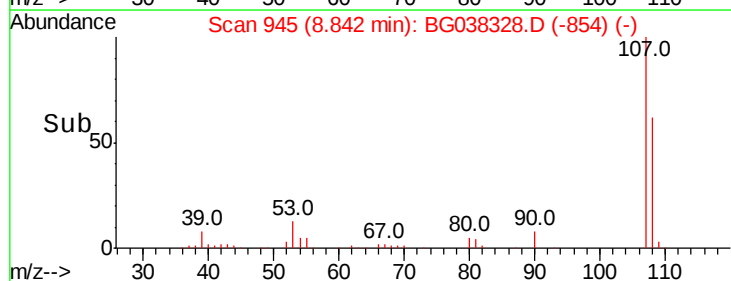
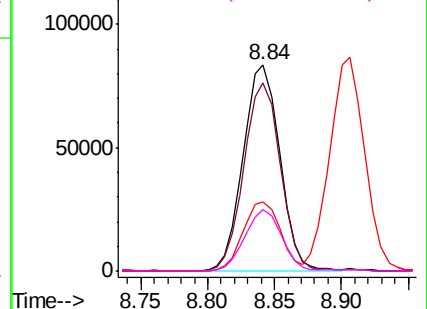


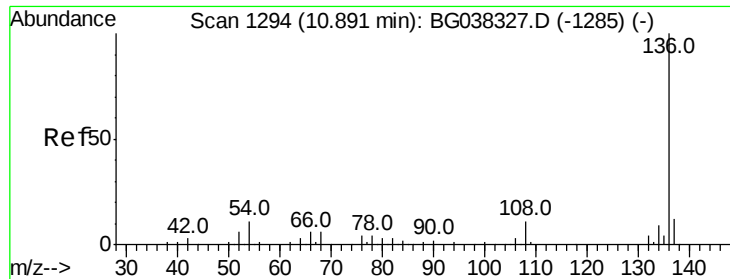
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

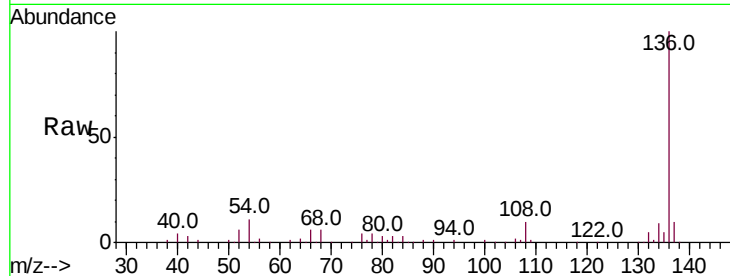




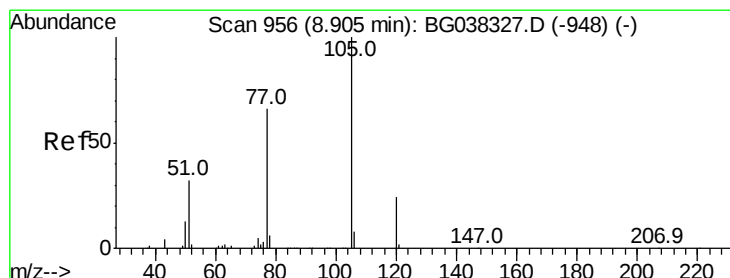
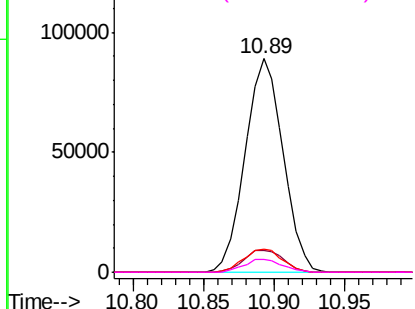
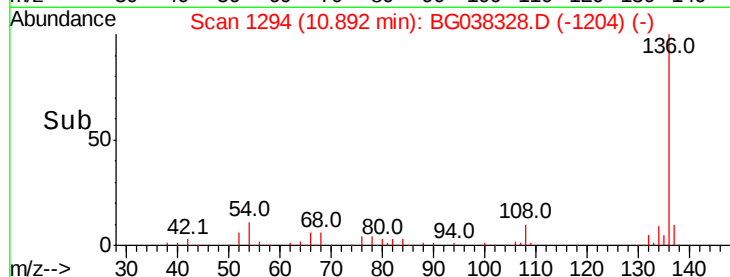
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	167385
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	10.9	7.9	11.9
68	5.9	4.8	7.2

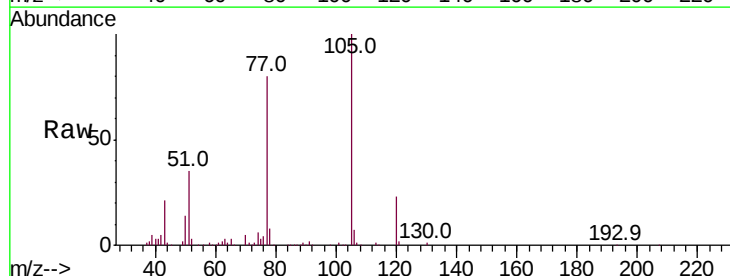


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

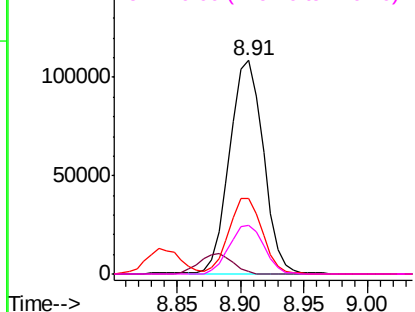
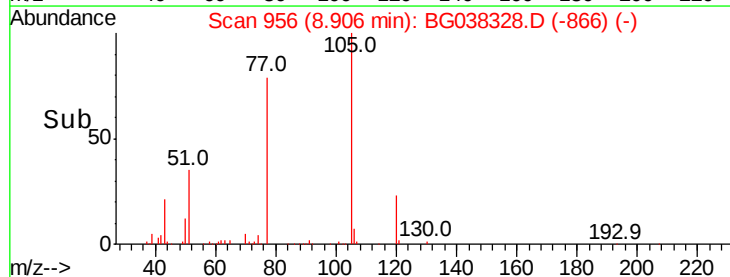


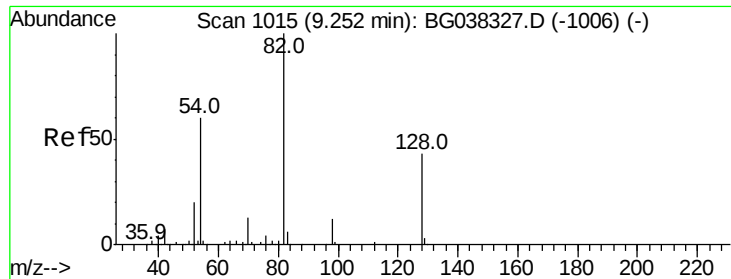
#22
Acetophenone
Concen: 48.093 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion:	105	Resp:	200290
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	35.3	25.0	37.6
120	23.0	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

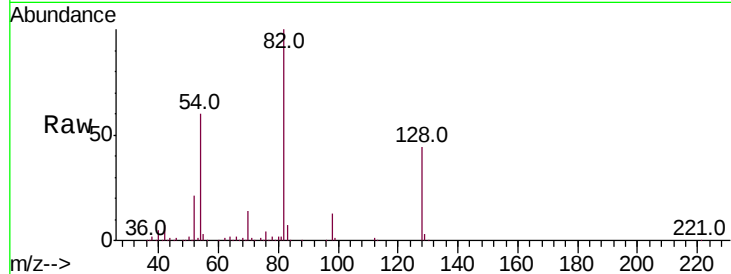




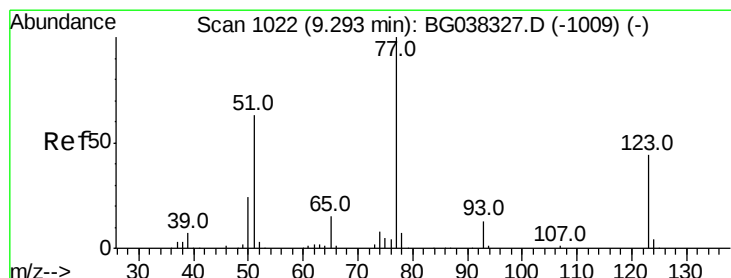
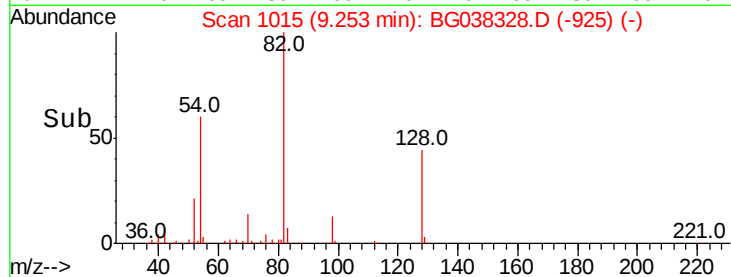
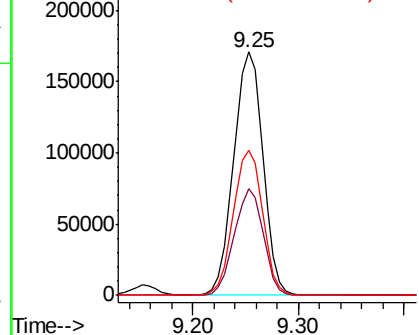
#23
Nitrobenzene-d5
Concen: 104.720 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 327452
Ion Ratio Lower Upper
82 100
128 43.6 34.6 51.8
54 59.6 45.3 67.9

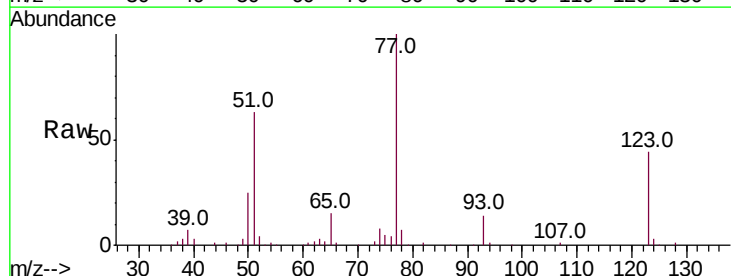


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

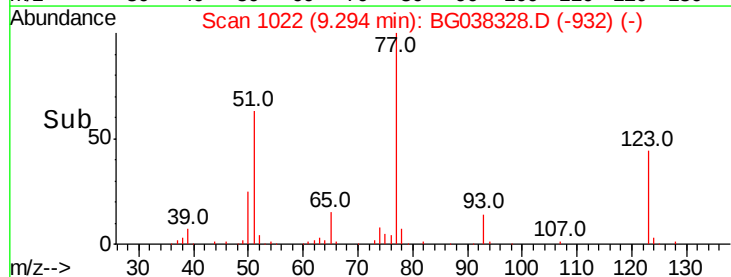
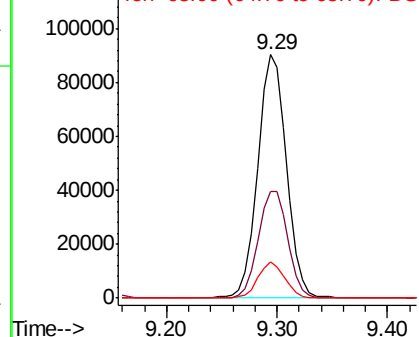


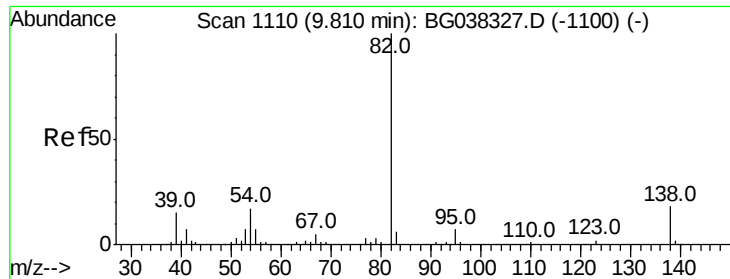
#24
Nitrobenzene
Concen: 51.562 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion: 77 Resp: 164933
Ion Ratio Lower Upper
77 100
123 43.8 33.6 50.4
65 14.8 11.3 16.9



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





#25

Isophorone

Concen: 51.280 ng

RT: 9.81 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

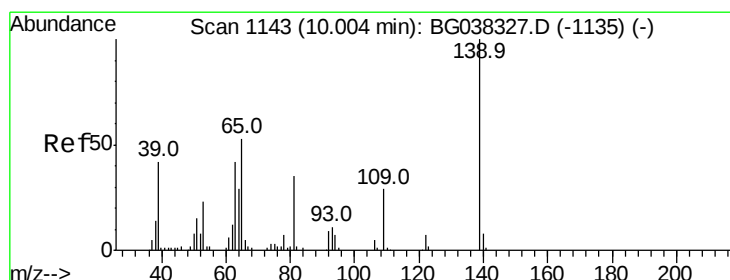
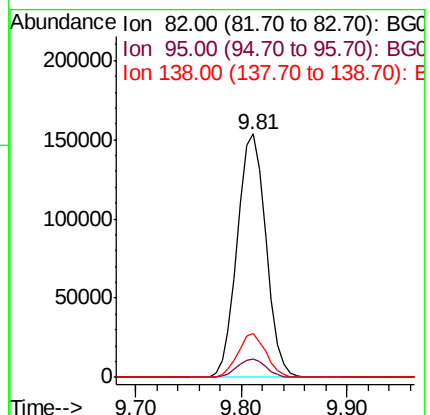
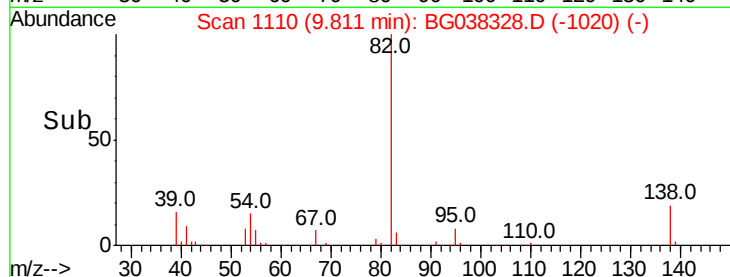
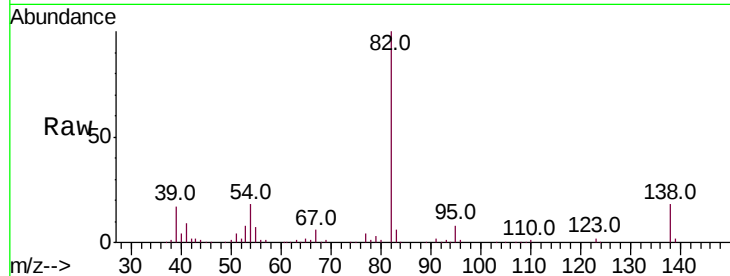
Tot Ion: 82 Resp: 288612

Ion Ratio Lower Upper

82 100

95 7.5 5.3 7.9

138 18.0 13.3 19.9



#26

2-Nitrophenol

Concen: 53.146 ng

RT: 10.01 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

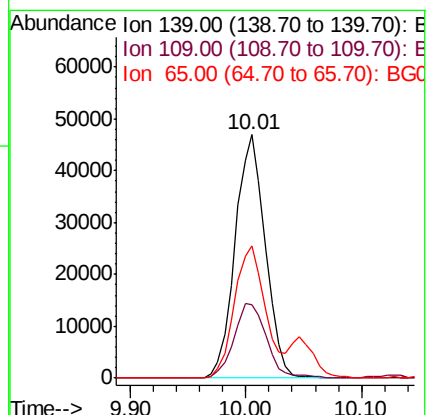
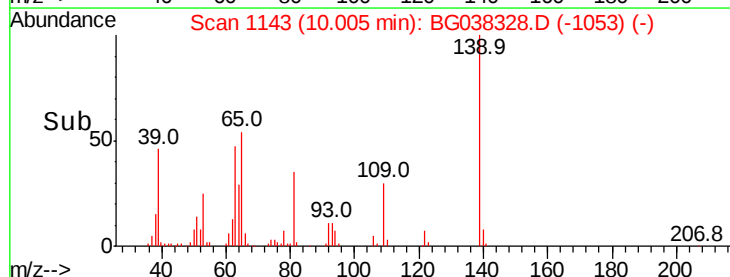
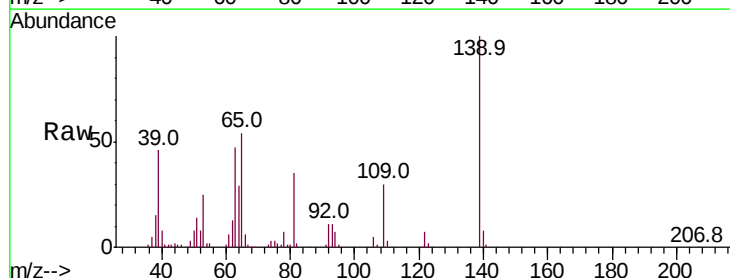
Tgt Ion: 139 Resp: 84868

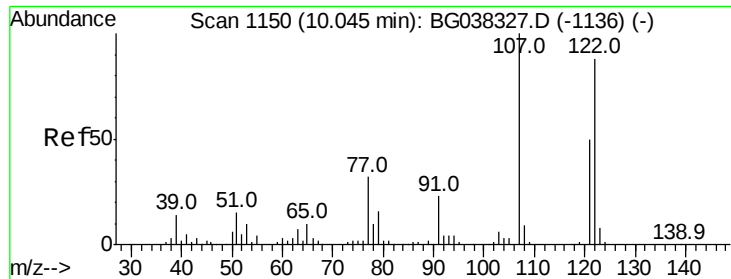
Ion Ratio Lower Upper

139 100

109 30.0 23.3 34.9

65 54.2 39.8 59.8

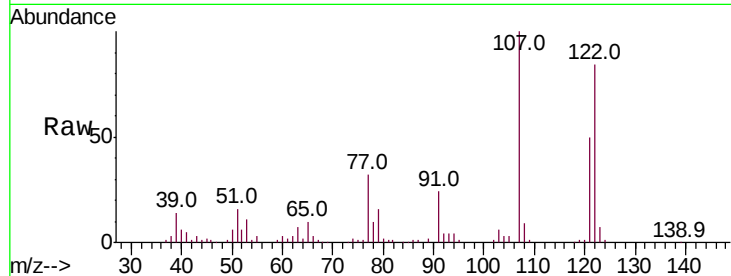




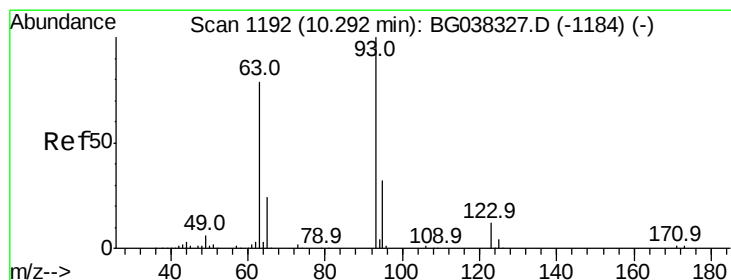
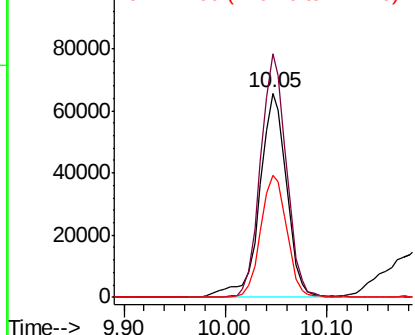
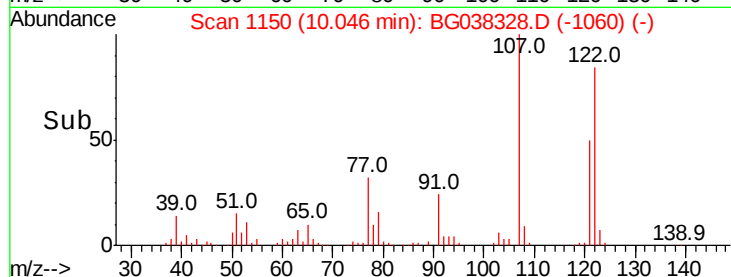
#27
2,4-Dimethylphenol
Concen: 50.410 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 121287
Ion Ratio Lower Upper
122 100
107 119.2 94.2 141.2
121 60.0 47.3 70.9

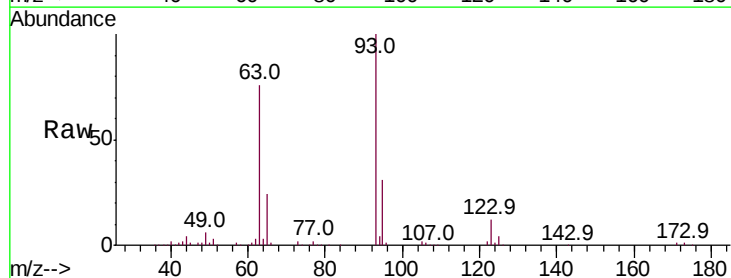


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

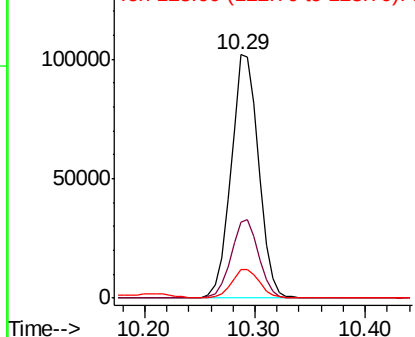
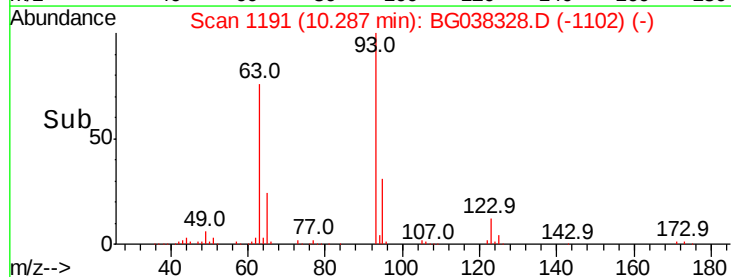


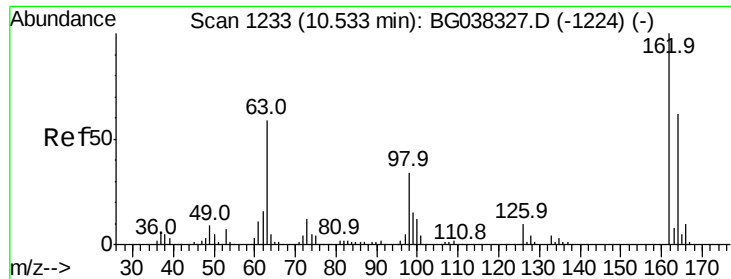
#28
bis(2-Chloroethoxy)methane
Concen: 49.638 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion: 93 Resp: 178643
Ion Ratio Lower Upper
93 100
95 31.1 24.6 37.0
123 11.7 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

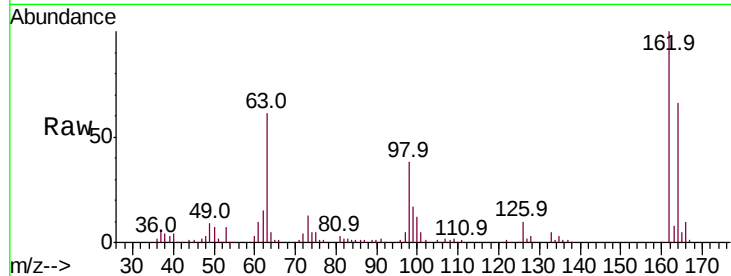




#29
 2,4-Dichlorophenol
 Concen: 50.290 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	43.2	83.2
98	37.6	16.0	56.0

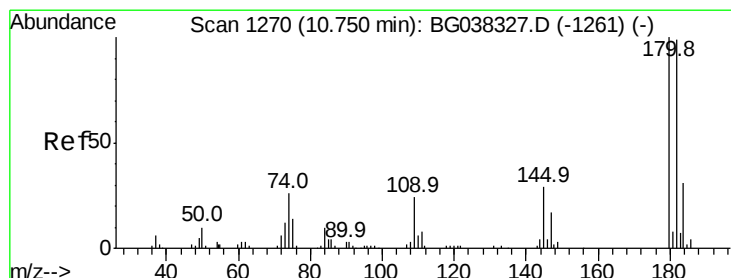
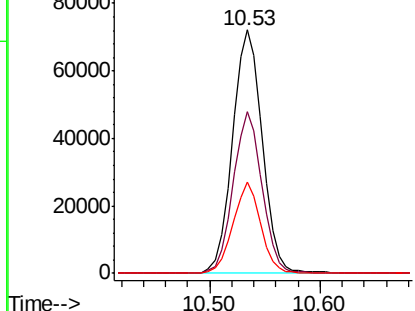
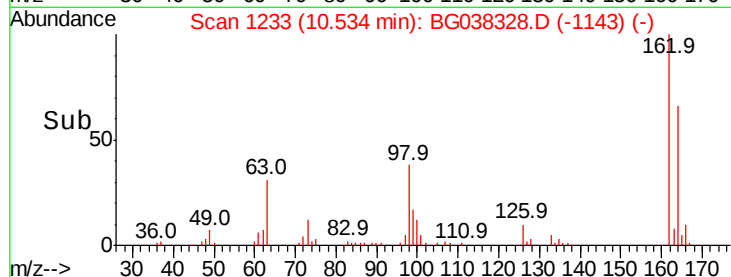


Abundance

Ion 162.00 (161.70 to 162.70): E

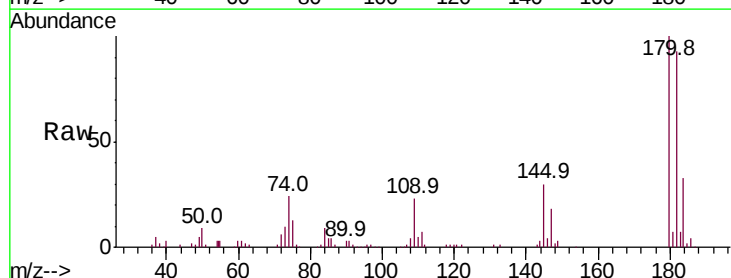
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 49.846 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.7	116.5
145	29.8	23.3	34.9

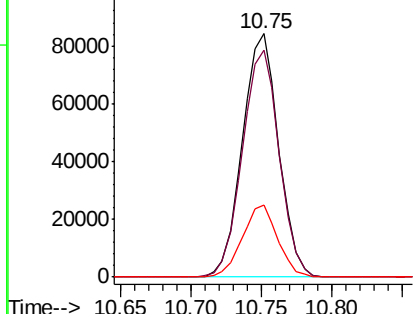
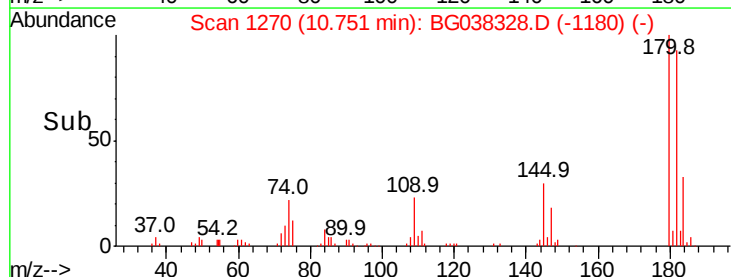


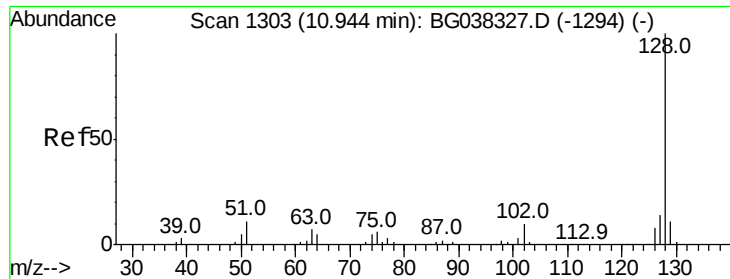
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

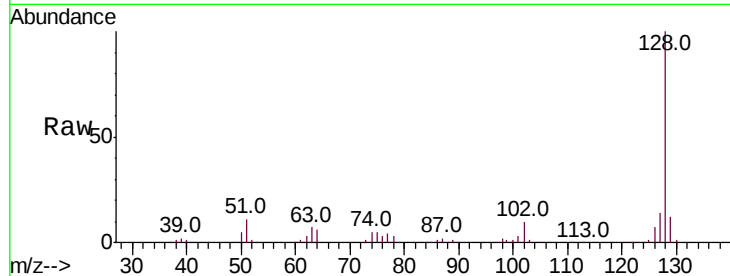




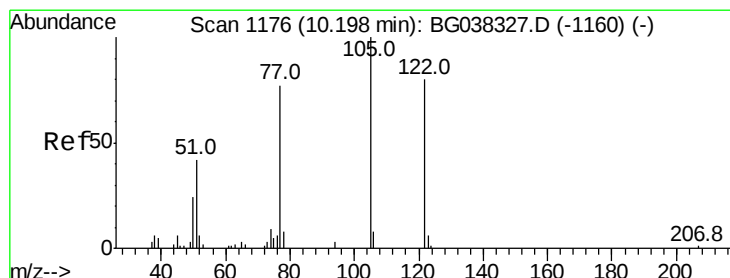
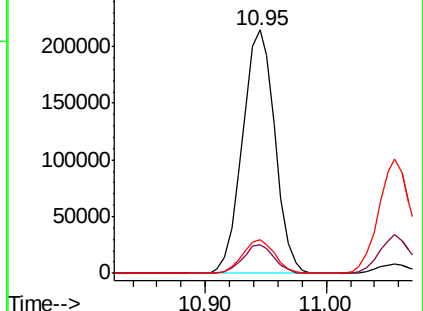
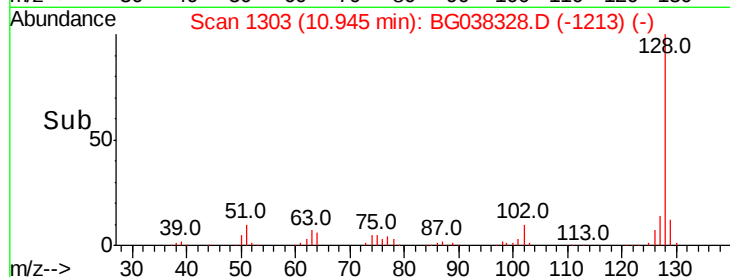
#31
Naphthalene
Concen: 48.789 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 401672
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 11.1 16.7

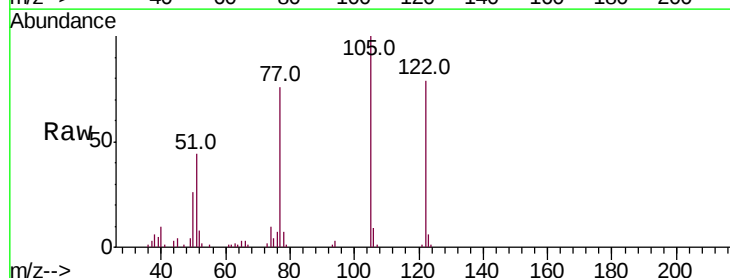


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

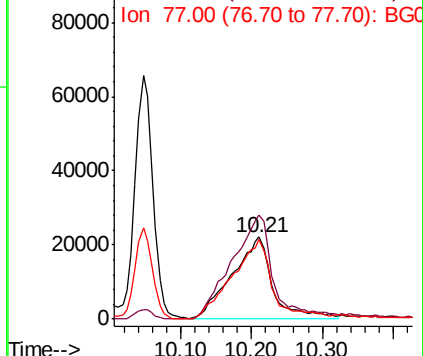
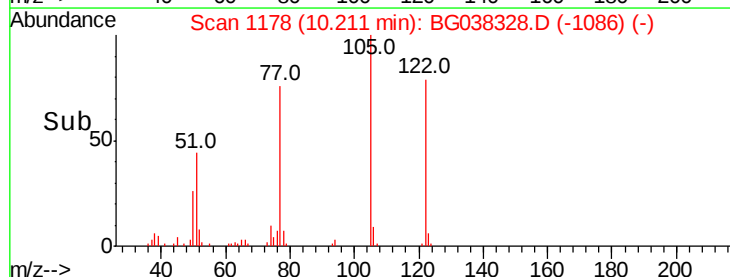


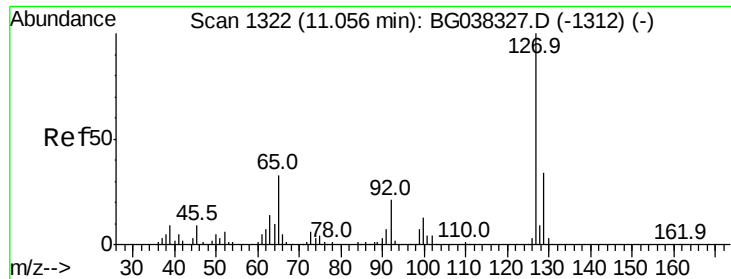
#32
Benzoic acid
Concen: 69.921 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion:122 Resp: 86346
Ion Ratio Lower Upper
122 100
105 127.2 106.7 146.7
77 96.6 72.2 112.2



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

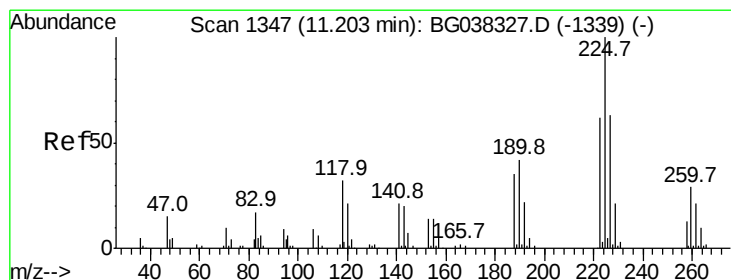
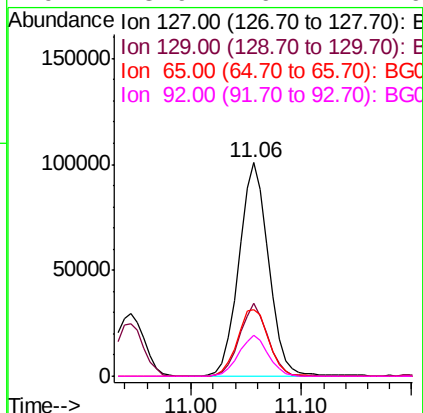
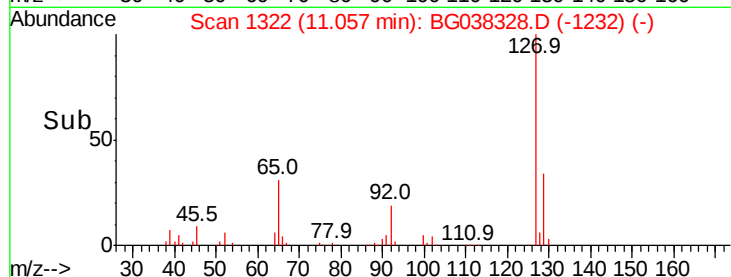
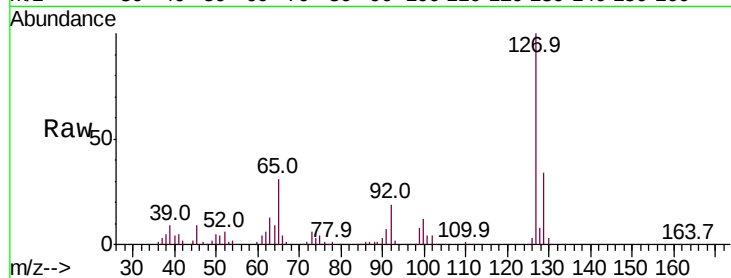




#33
4-Chloroaniline
Concen: 49.516 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

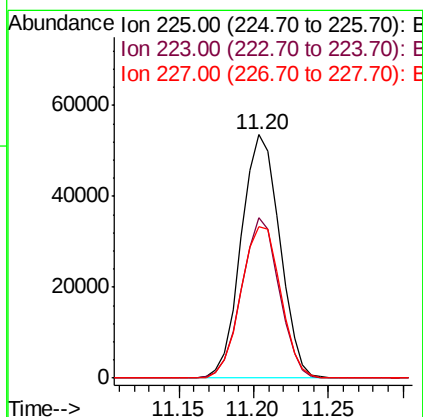
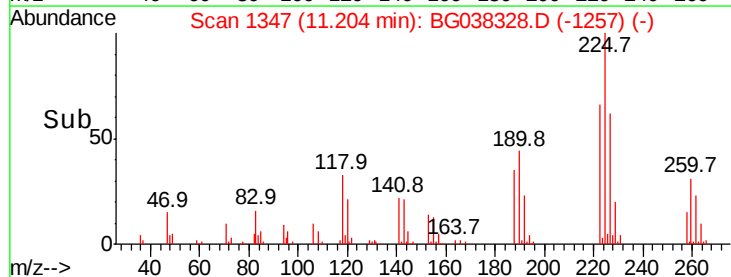
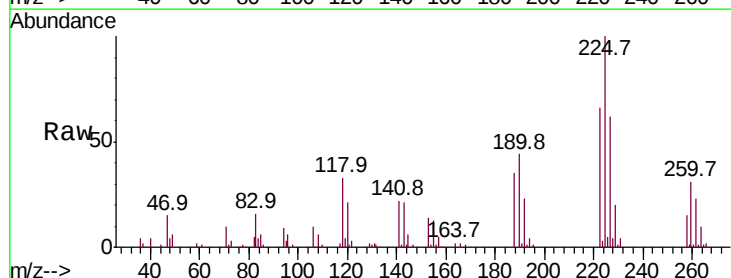
Instrument :
BNA_G
ClientSampleId :

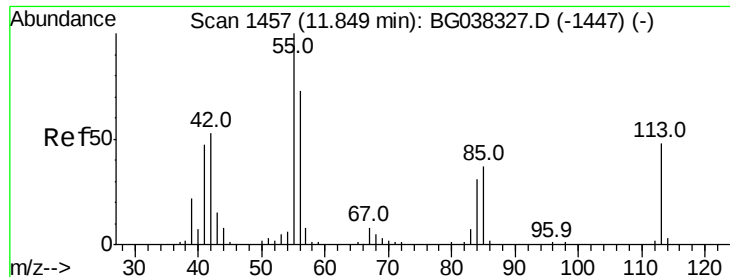
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.1	40.7
65	31.3	26.6	39.8
92	18.9	16.4	24.6



#34
Hexachlorobutadiene
Concen: 51.359 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.2	72.4
227	62.8	51.6	77.4





#35

Caprolactam

Concen: 53.873 ng

RT: 11.86 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampled :

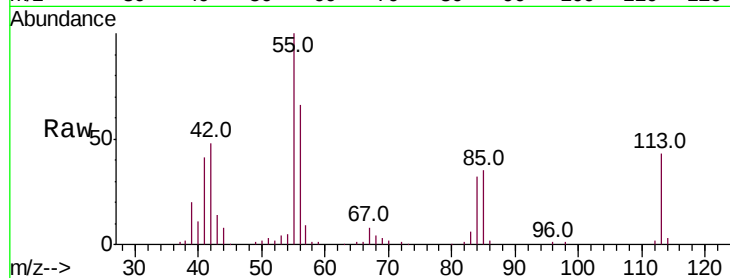
Tot Ion:113 Resp: 58357

Ion Ratio Lower Upper

113 100

55 232.4 176.6 216.6#

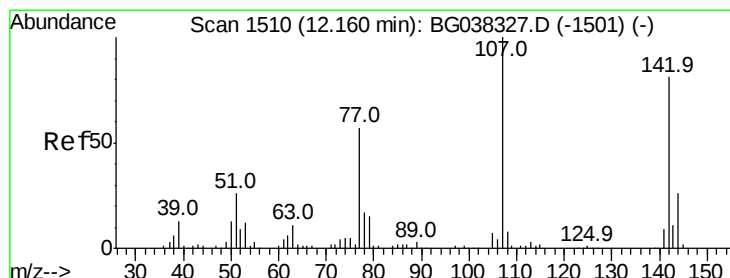
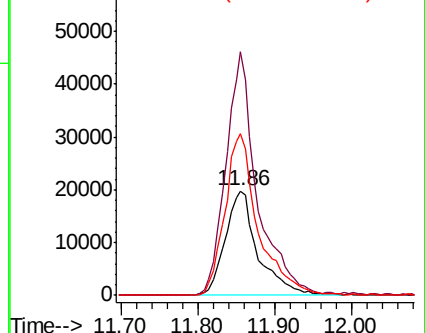
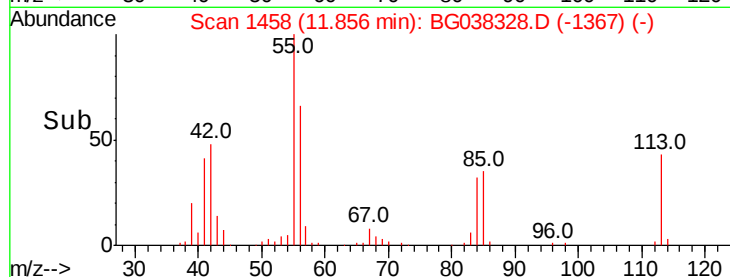
56 154.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.878 ng

RT: 12.17 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

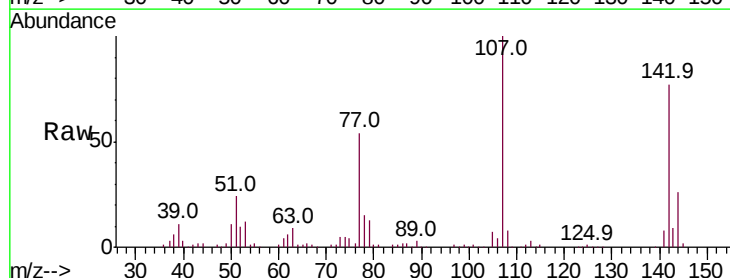
Tgt Ion:107 Resp: 159297

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

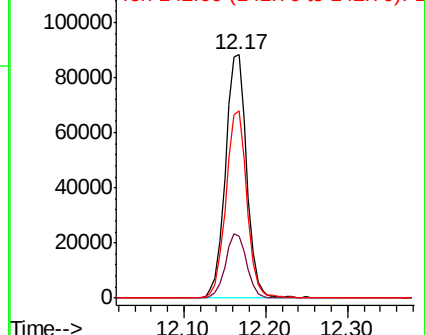
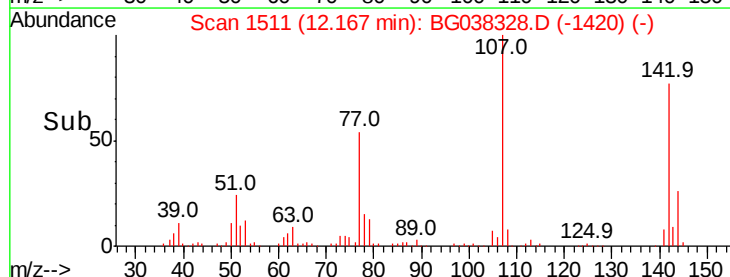
142 77.1 64.4 96.6

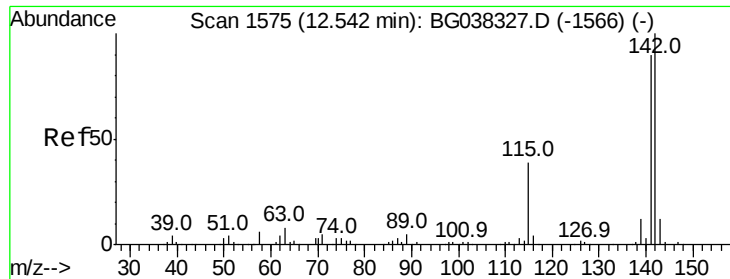


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

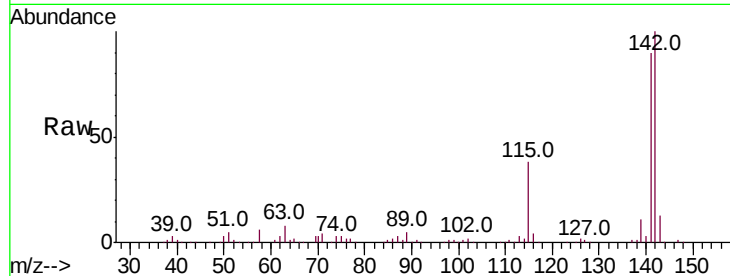




#37
 2-Methylnaphthalene
 Concen: 48.711 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	38.4	27.8	41.8

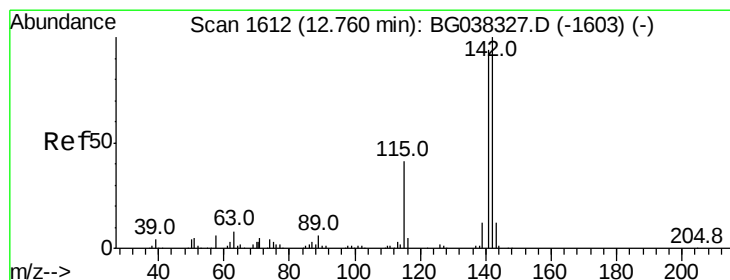
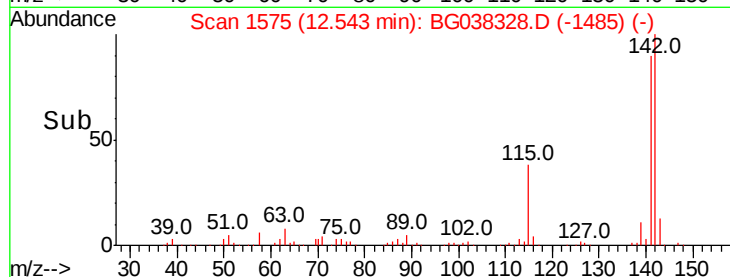
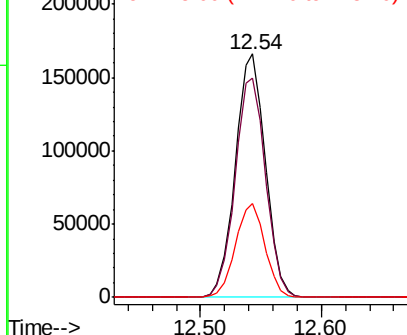


Abundance

Ion 142.00 (141.70 to 142.70): E

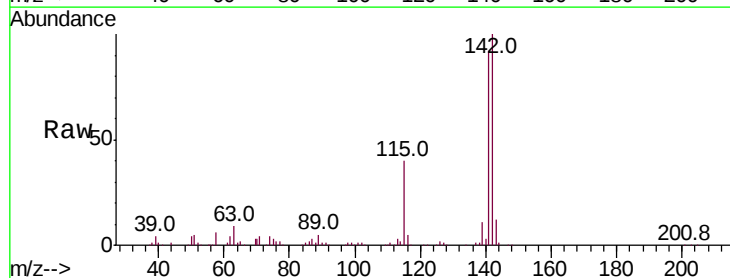
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 48.886 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.2	112.8
116	4.6	3.3	4.9

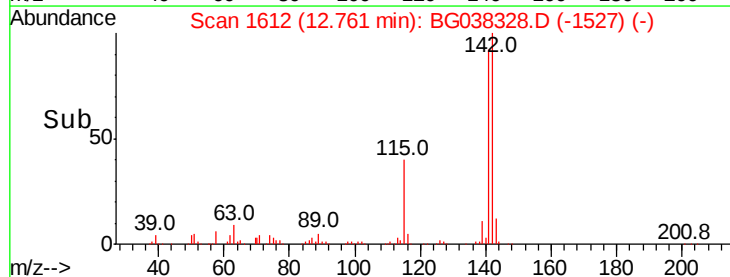
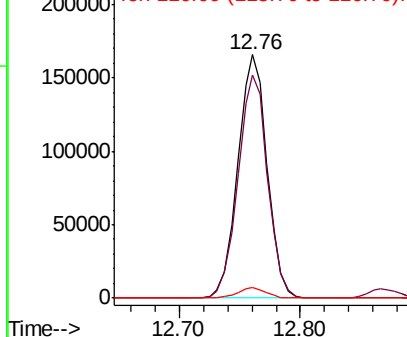


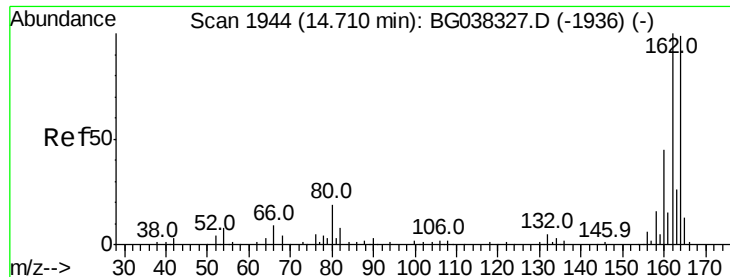
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

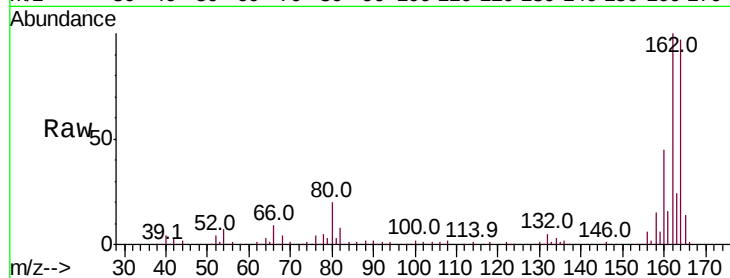
Tot Ion:164 Resp: 98388

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

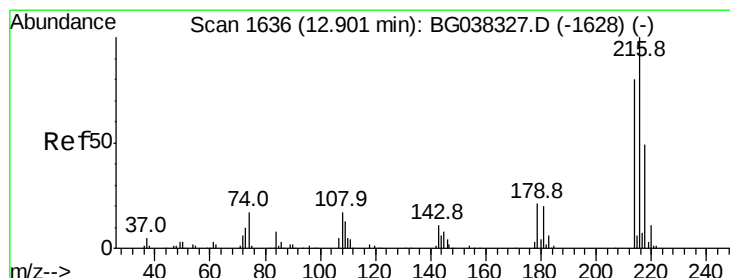
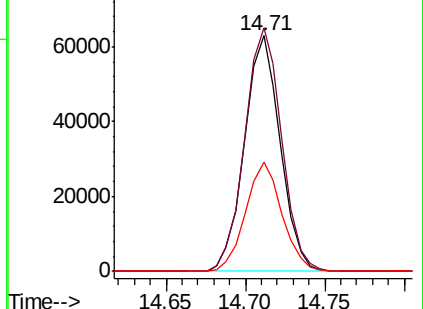
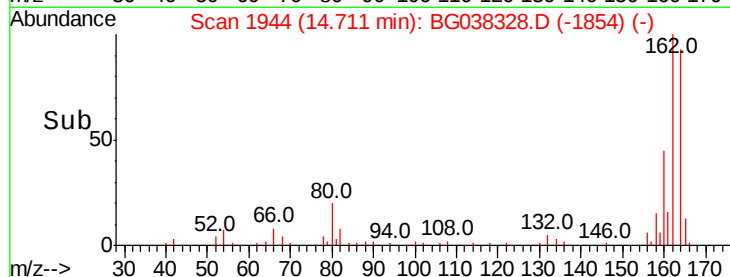
160 46.1 36.3 54.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.453 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Tgt Ion:216 Resp: 175736

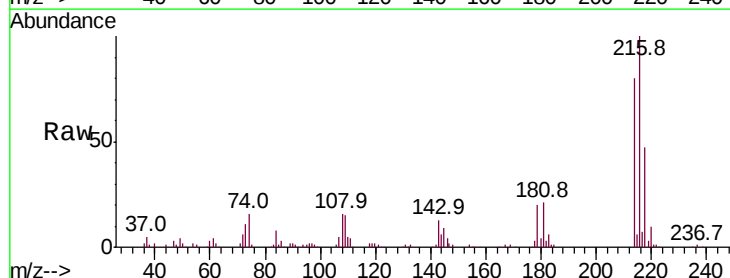
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 20.8 17.4 26.0

108 18.2 13.9 20.9

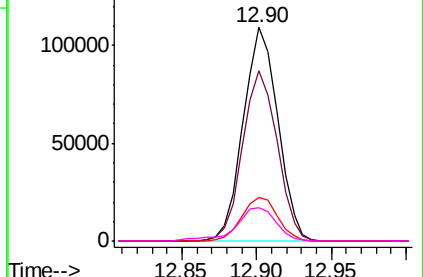
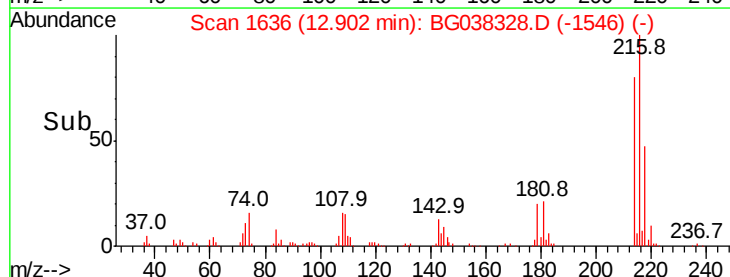


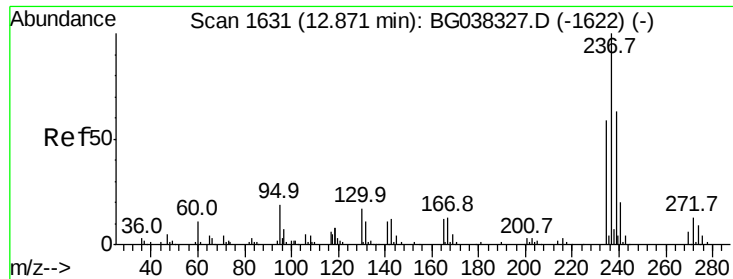
Abundance Ion 216.00 (215.70 to 216.70): E

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

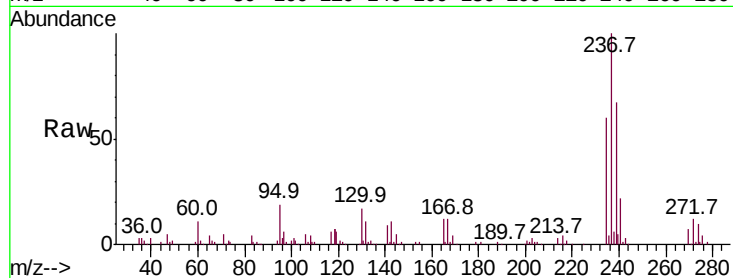




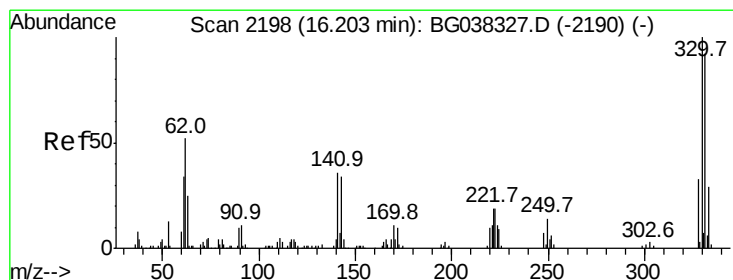
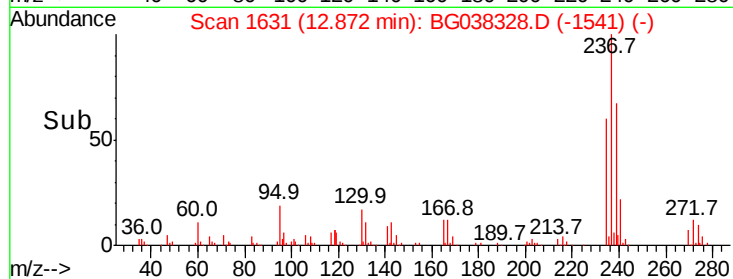
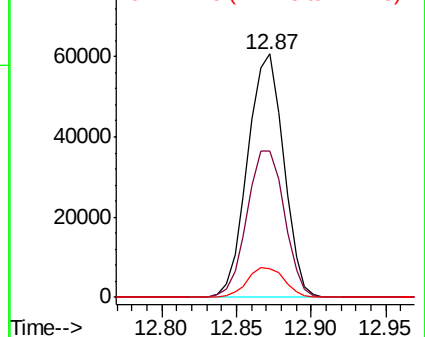
#41
Hexachlorocyclopentadiene
Concen: 57.529 ng
RT: 12.87 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.3	42.5	82.5
272	11.7	0.0	31.6

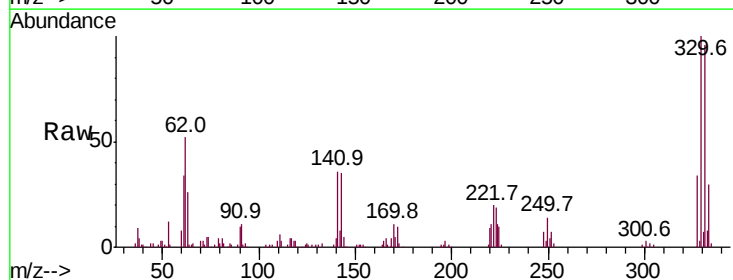


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

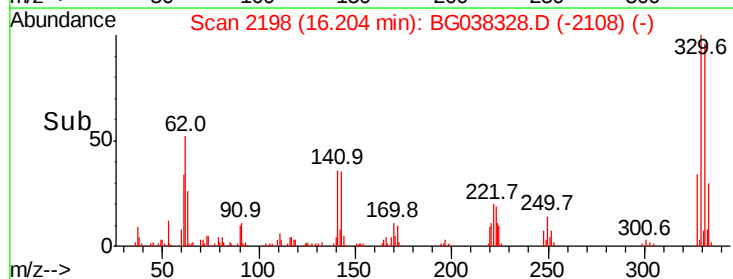
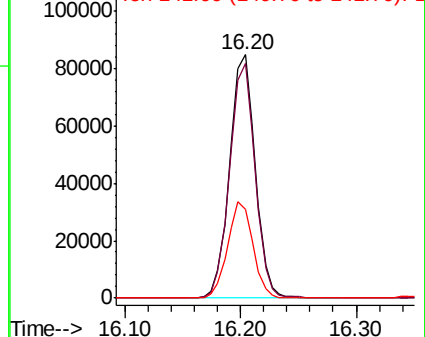


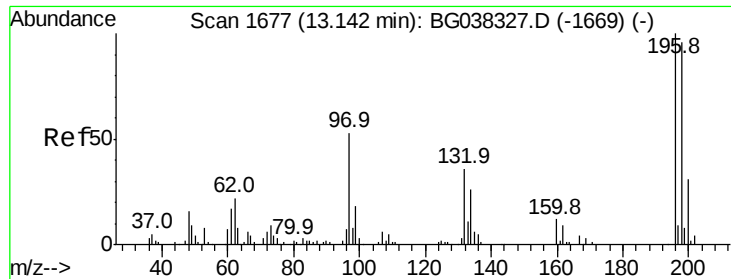
#42
2,4,6-Tribromophenol
Concen: 116.148 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	39.1	32.2	48.2



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

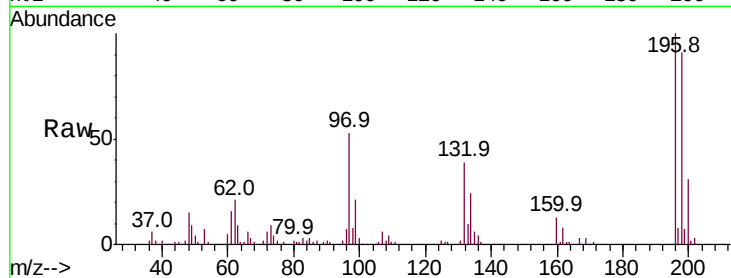




#43
 2,4,6-Trichlorophenol
 Concen: 53.774 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.6	76.4	114.6
200	31.1	24.9	37.3

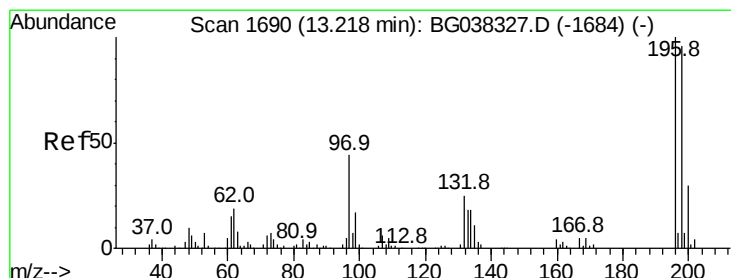
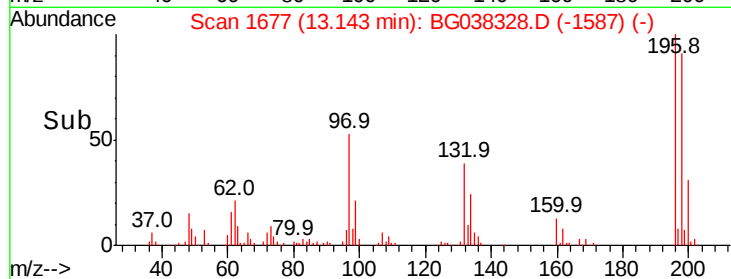
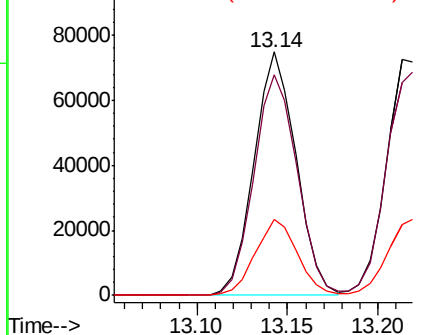


Abundance

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



#44
 2,4,5-Trichlorophenol
 Concen: 54.391 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.2	74.2	111.2
97	46.5	34.1	51.1
132	24.9	20.2	30.4

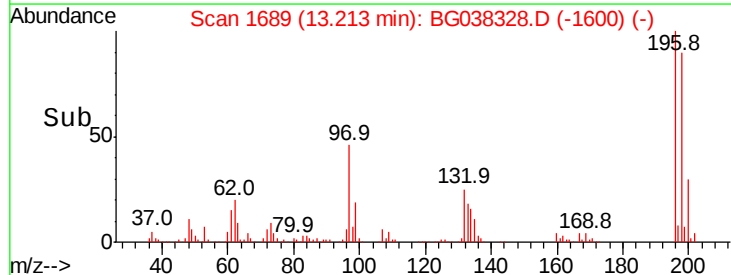
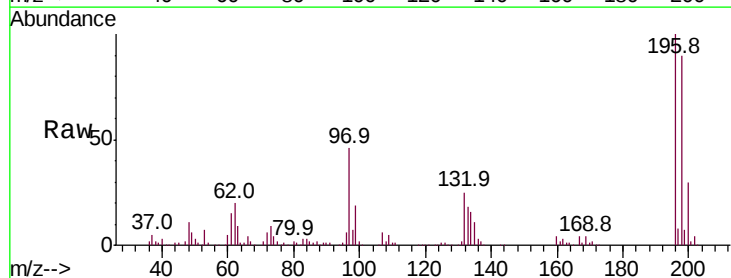
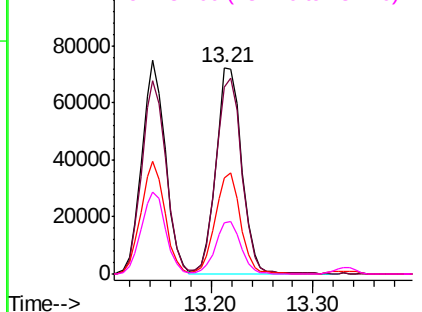
Abundance

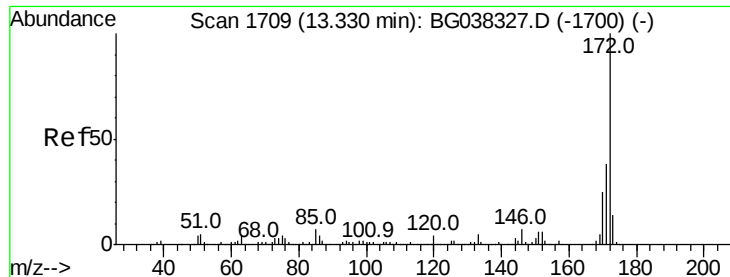
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

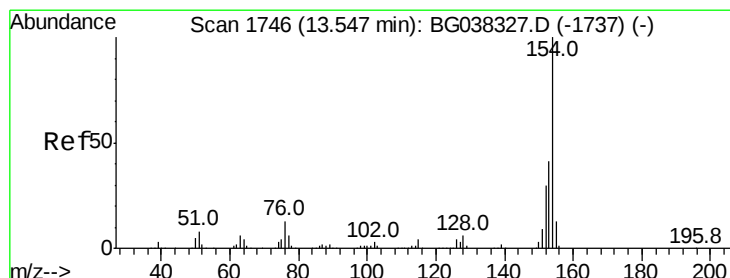
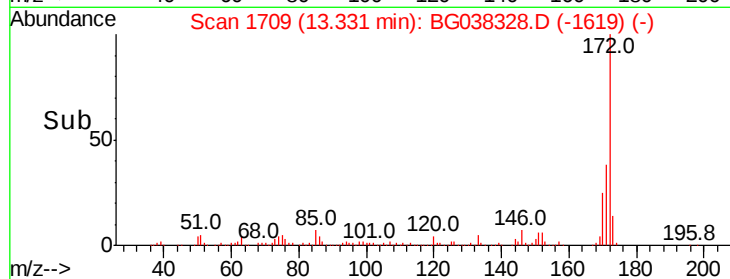
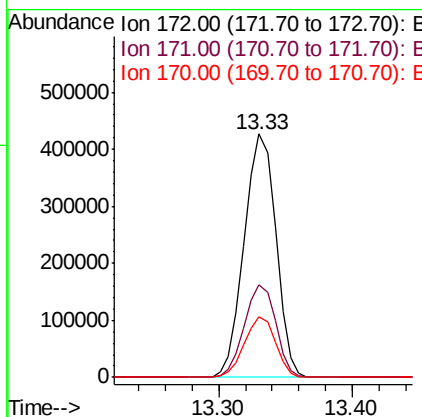
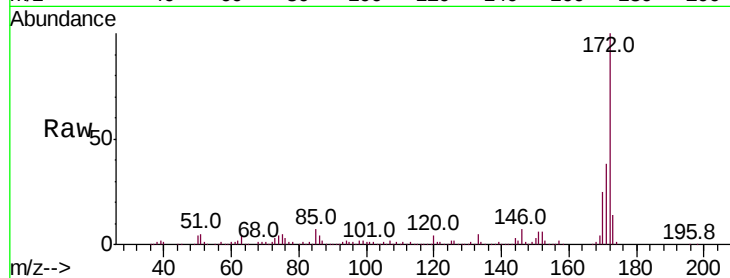




#45
 2-Fluorobiphenyl
 Concen: 103.872 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

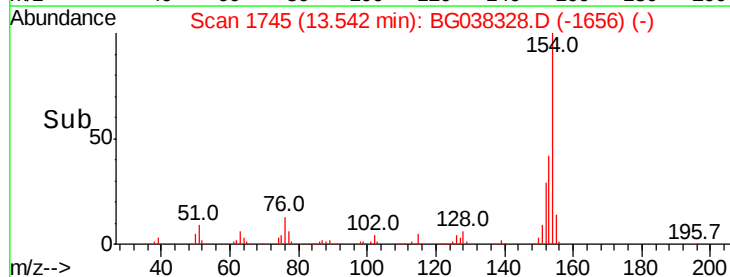
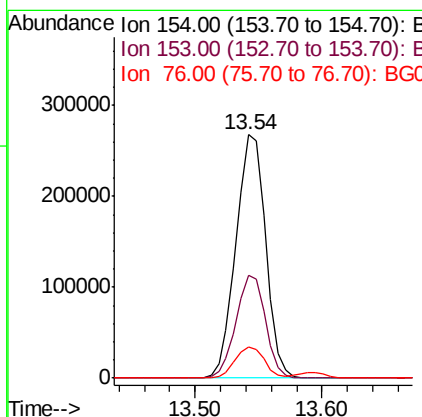
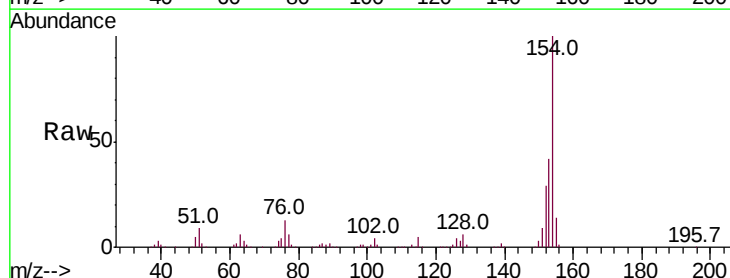
Instrument :
 BNA_G
 ClientSampled :

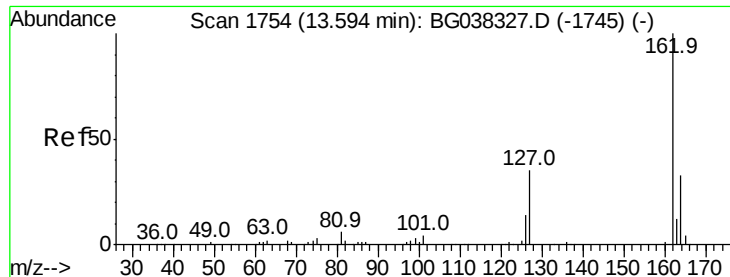
Tot Ion:172 Resp: 701497
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 25.0 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 52.450 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:154 Resp: 433535
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 13.0 0.0 33.2

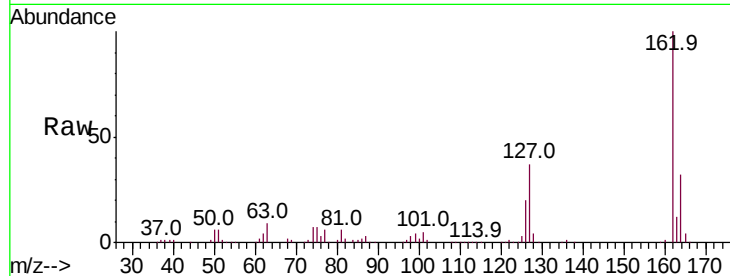




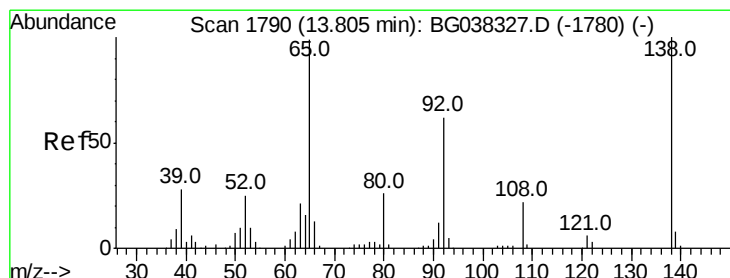
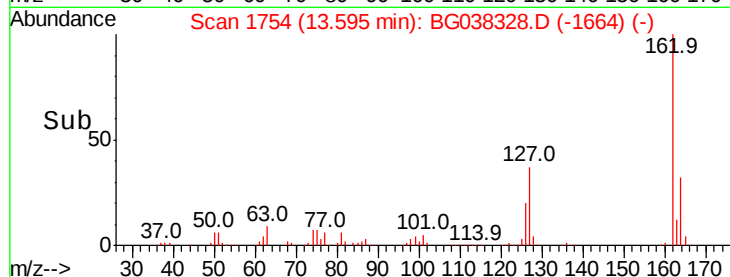
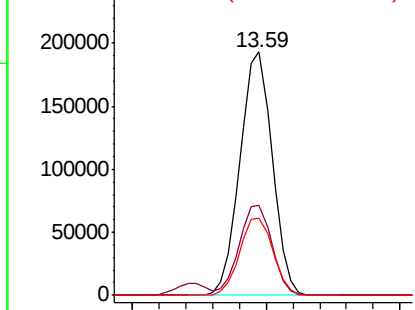
#47
2-Chloronaphthalene
Concen: 51.268 ng
RT: 13.59 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 323371
Ion Ratio Lower Upper
162 100
127 37.0 30.5 45.7
164 31.6 26.4 39.6

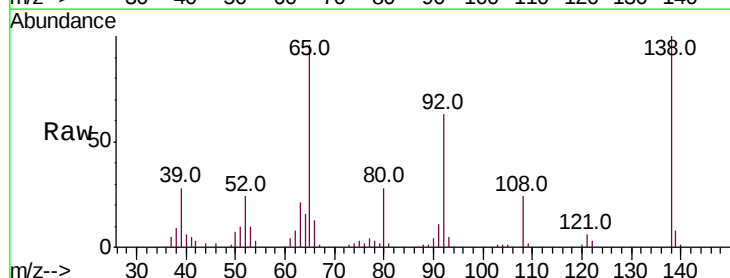


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

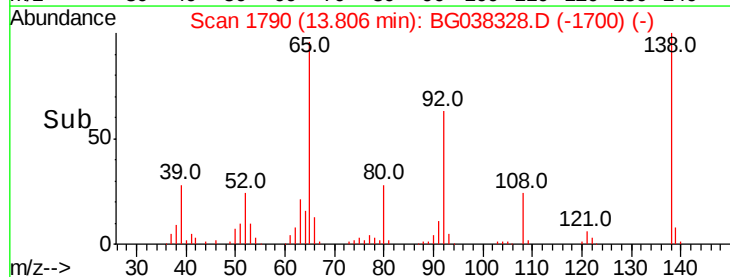
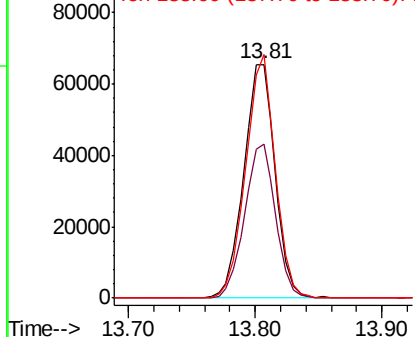


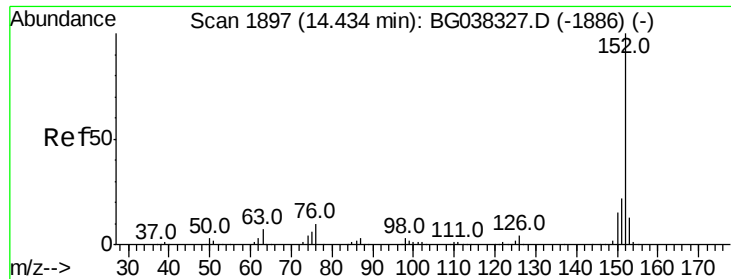
#48
2-Nitroaniline
Concen: 56.667 ng
RT: 13.81 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion: 65 Resp: 112491
Ion Ratio Lower Upper
65 100
92 66.0 53.2 79.8
138 104.1 79.3 118.9



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





#49

Acenaphthylene

Concen: 50.707 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

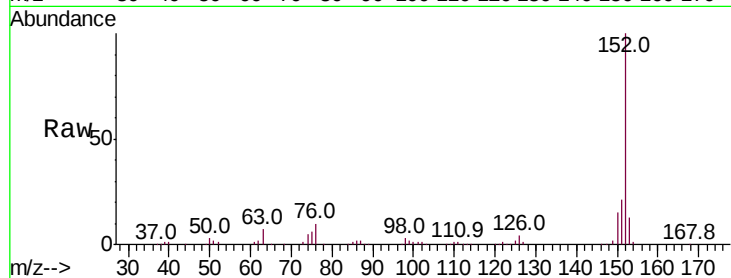
Tot Ion:152 Resp: 480956

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

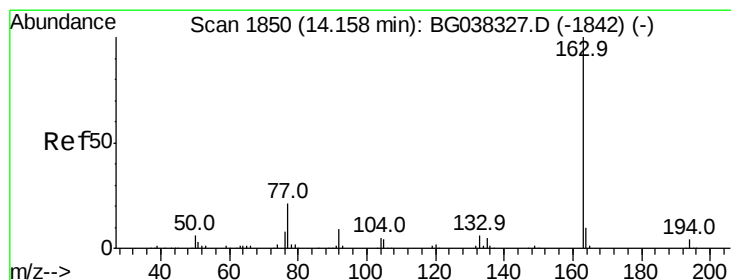
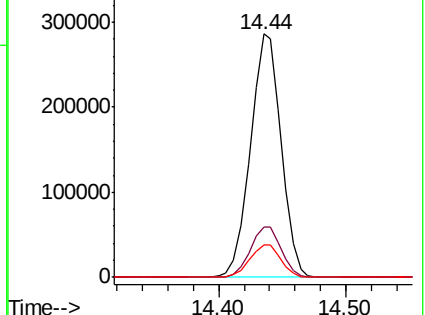
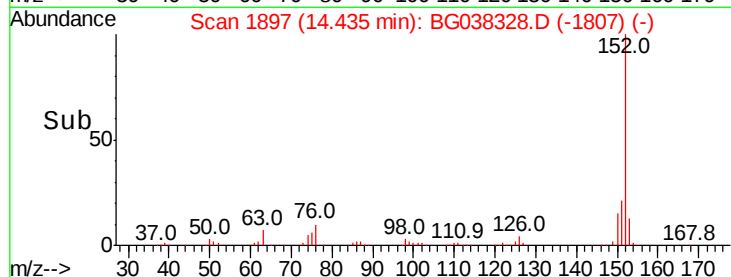
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.941 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

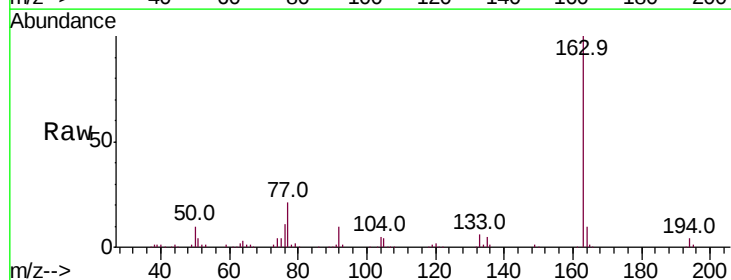
Tgt Ion:163 Resp: 405136

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

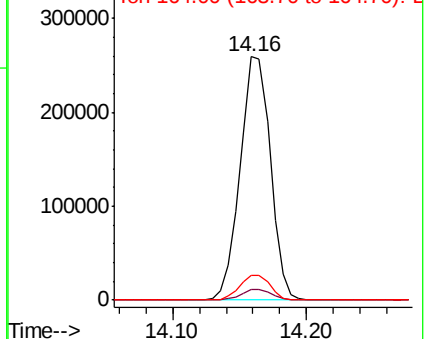
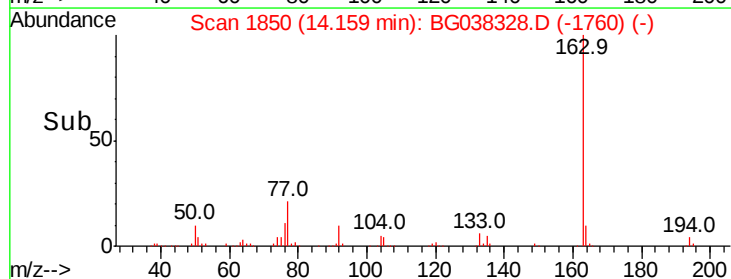
164 10.0 8.5 12.7

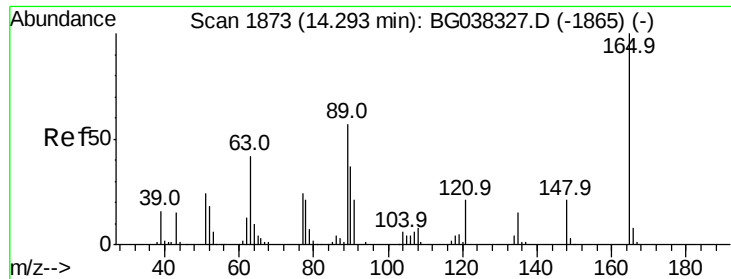


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

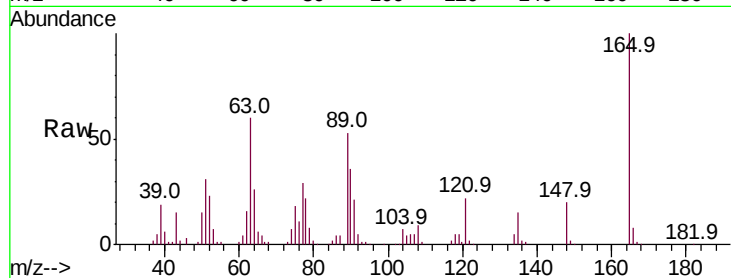




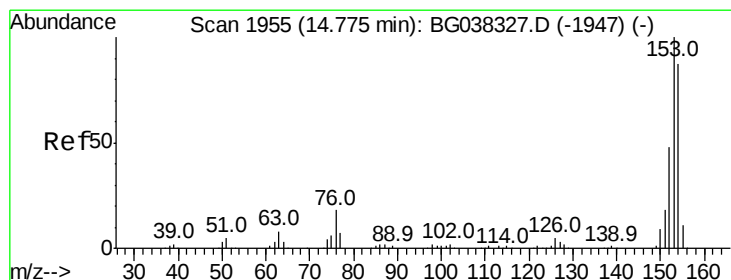
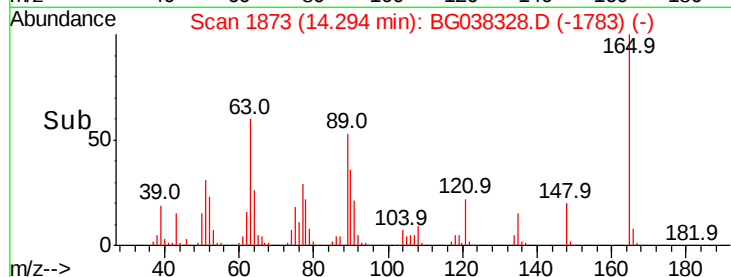
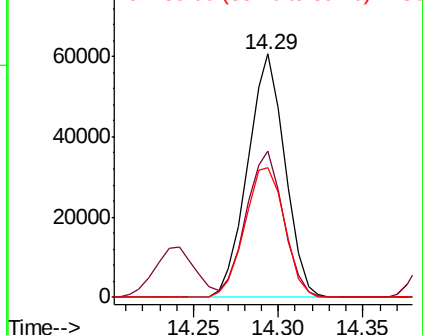
#51
2,6-Dinitrotoluene
Concen: 52.711 ng
RT: 14.29 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 93053
Ion Ratio Lower Upper
165 100
63 59.9 43.4 65.2
89 53.5 45.8 68.6

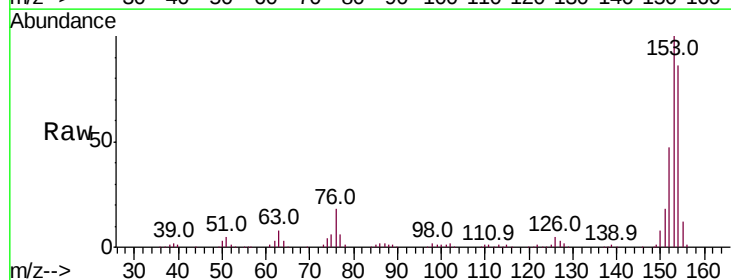


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

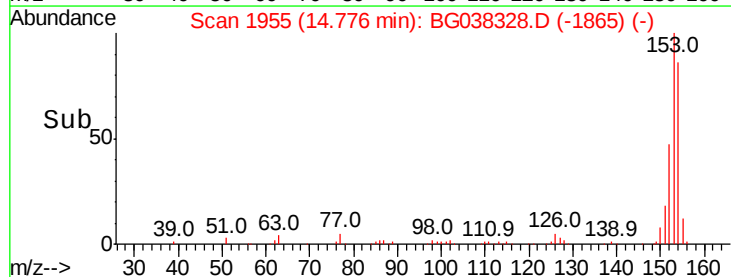
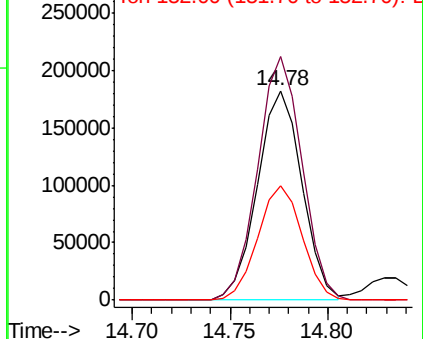


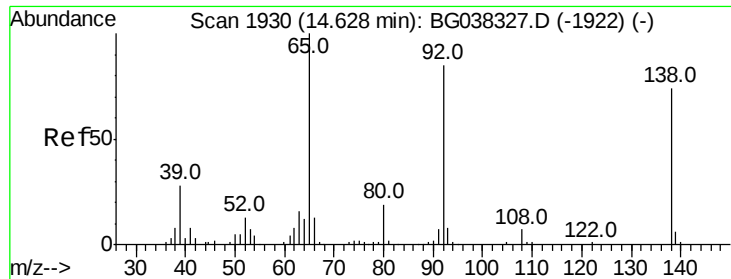
#52
Acenaphthene
Concen: 50.540 ng
RT: 14.78 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion:154 Resp: 288592
Ion Ratio Lower Upper
154 100
153 116.1 93.4 140.0
152 54.8 44.7 67.1



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





#53

3-Nitroaniline

Concen: 52.748 ng

RT: 14.63 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampled :

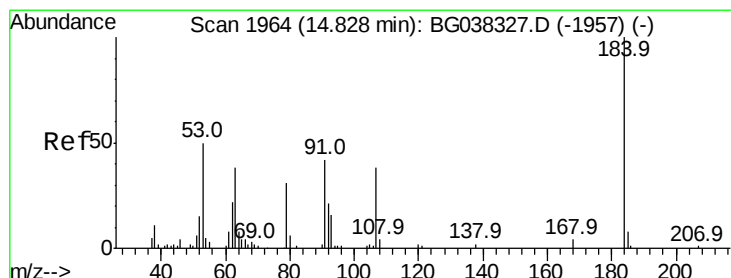
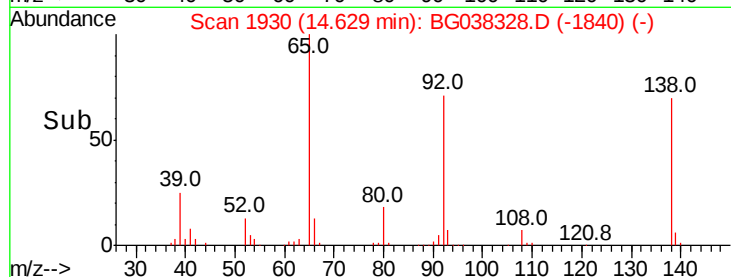
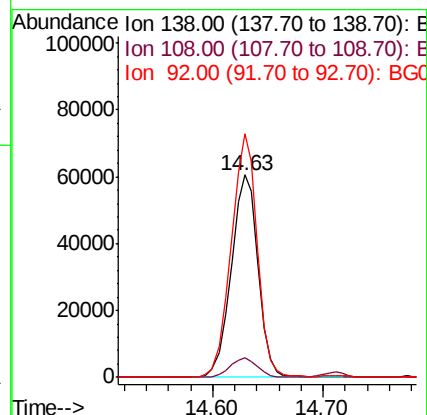
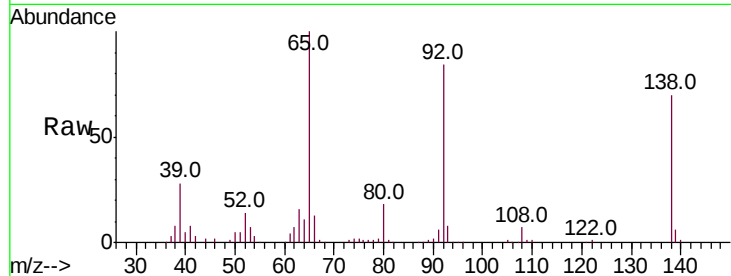
Tot Ion:138 Resp: 102752

Ion Ratio Lower Upper

138 100

108 9.9 11.0 16.6#

92 120.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 71.602 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

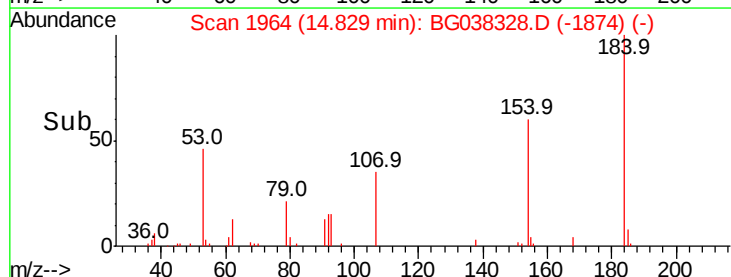
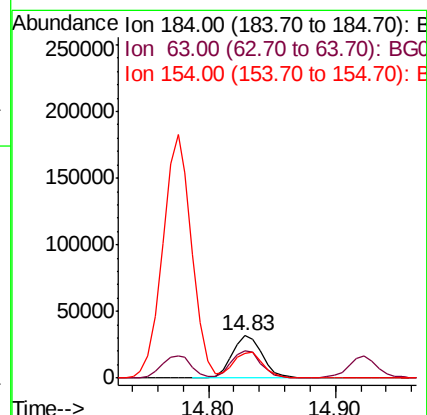
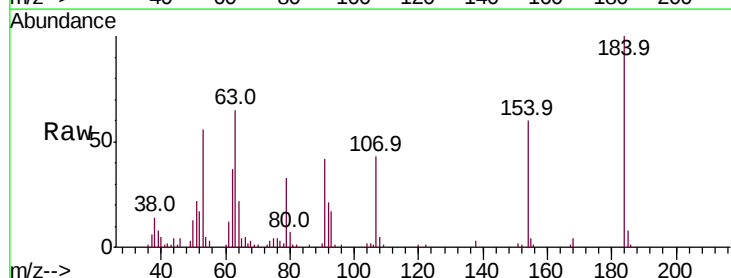
Tgt Ion:184 Resp: 53259

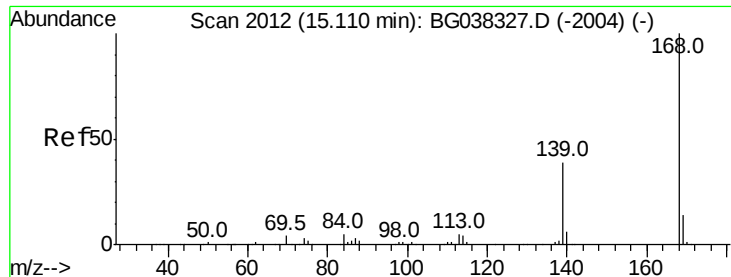
Ion Ratio Lower Upper

184 100

63 65.5 42.6 63.8#

154 59.8 41.8 62.6

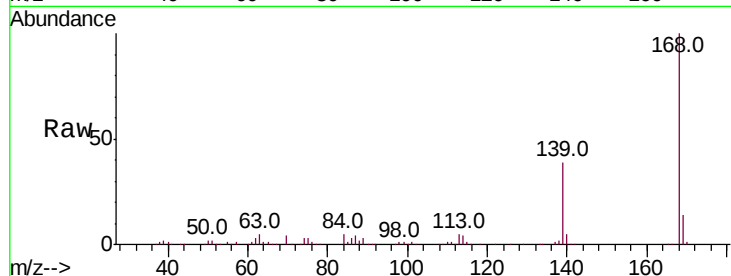




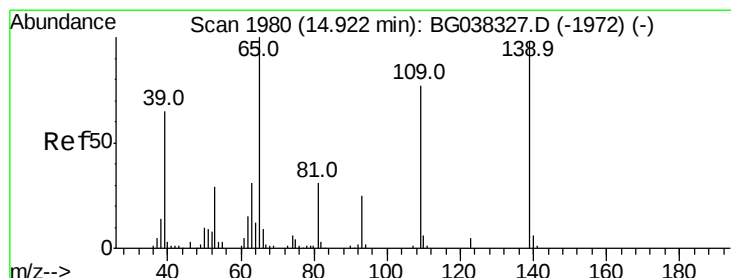
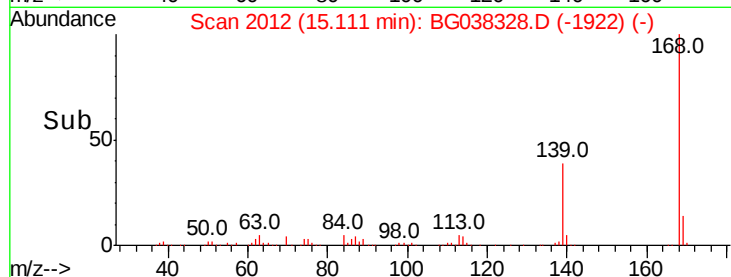
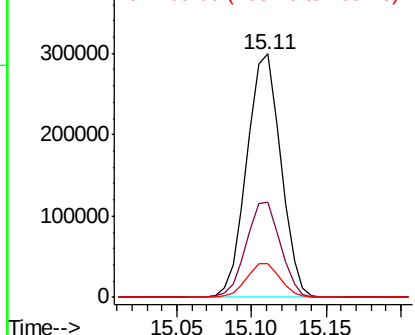
#55
Dibenzenofuran
Concen: 50.013 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 472223
Ion Ratio Lower Upper
168 100
139 39.3 29.4 44.0
169 13.8 11.0 16.6

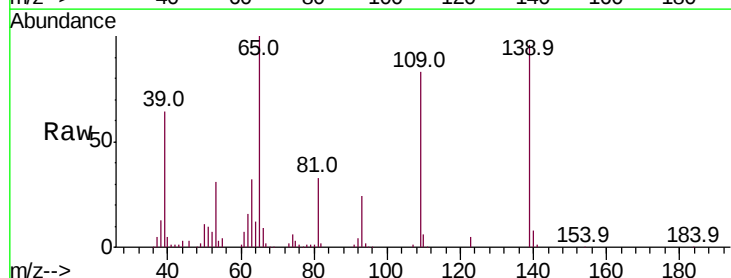


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

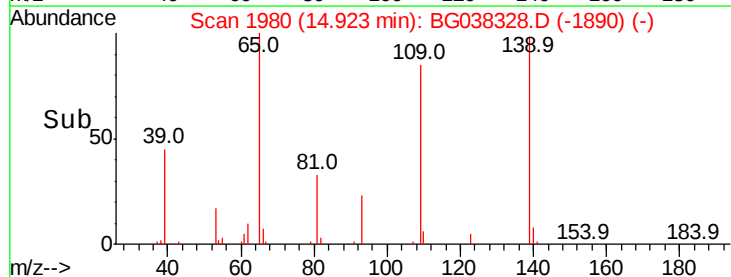
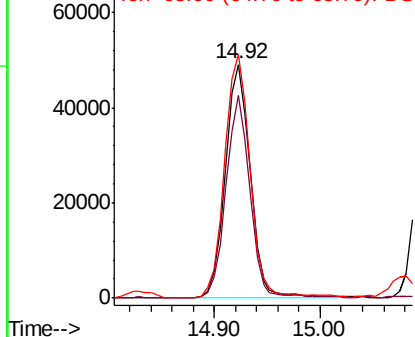


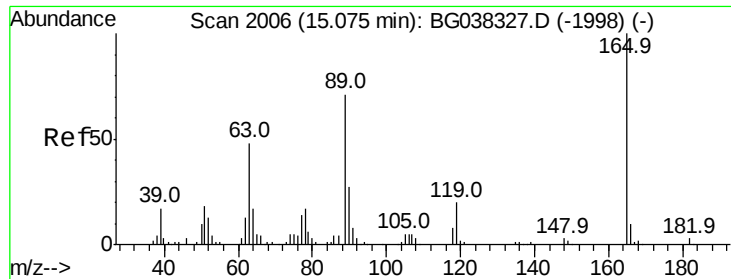
#56
4-Nitrophenol
Concen: 53.190 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion:139 Resp: 79912
Ion Ratio Lower Upper
139 100
109 86.4 49.5 89.5
65 104.1 76.8 116.8



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): BG

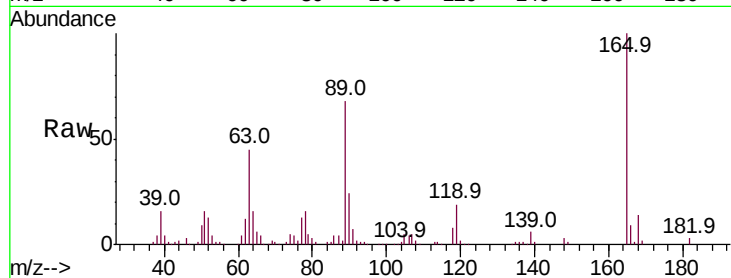




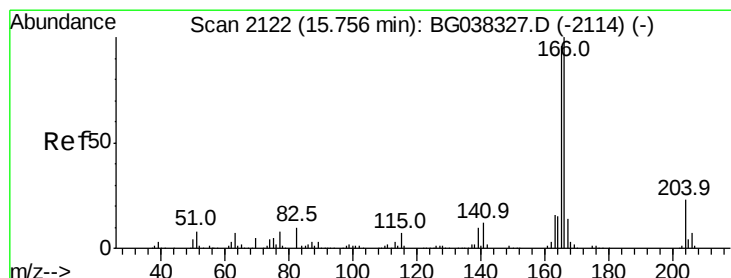
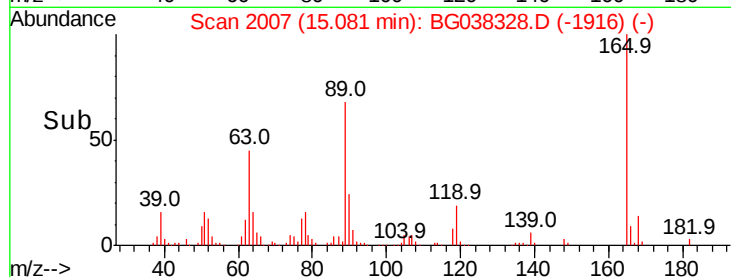
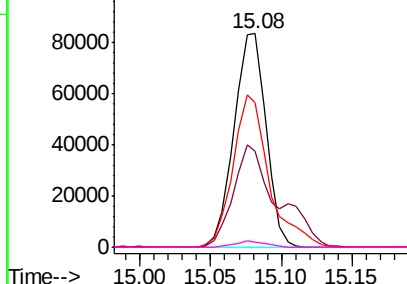
#57
2,4-Dinitrotoluene
Concen: 55.123 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 132400
Ion Ratio Lower Upper
165 100
63 45.0 33.4 50.0
89 67.7 57.2 85.8
182 2.7 2.6 4.0

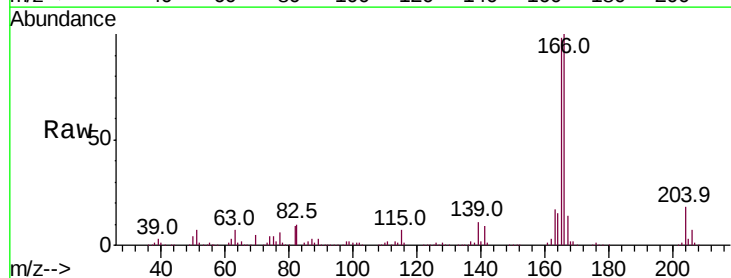


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

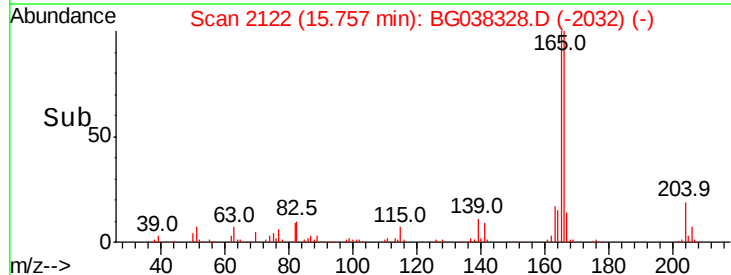
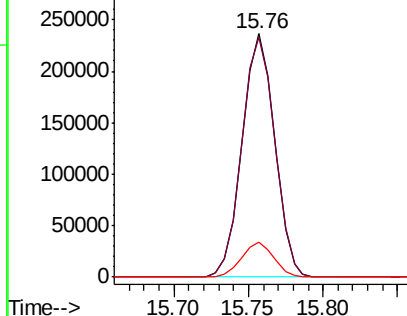


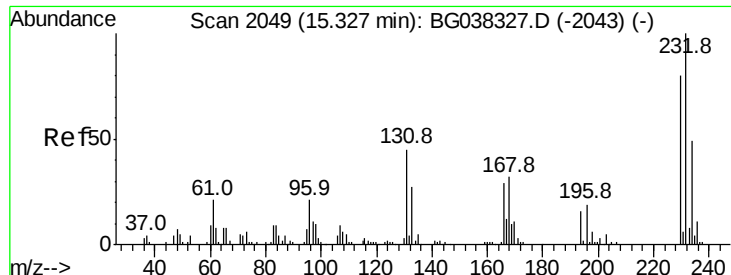
#58
Fluorene
Concen: 50.733 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion:166 Resp: 357405
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 14.2 11.3 16.9



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

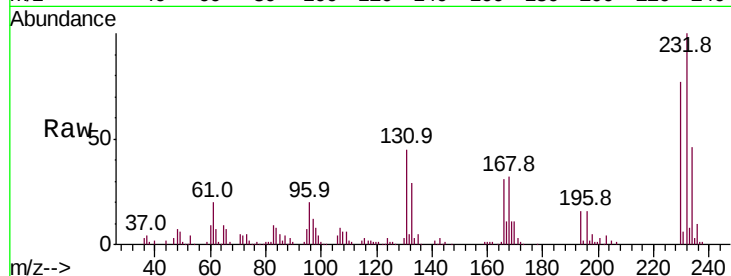




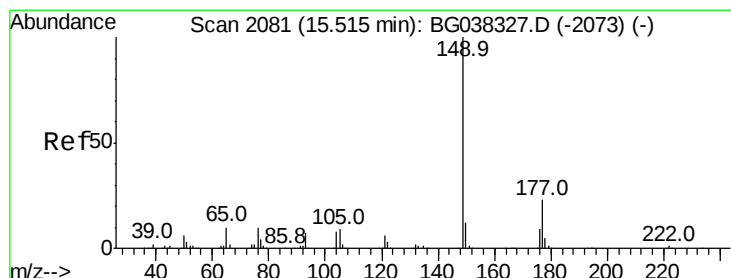
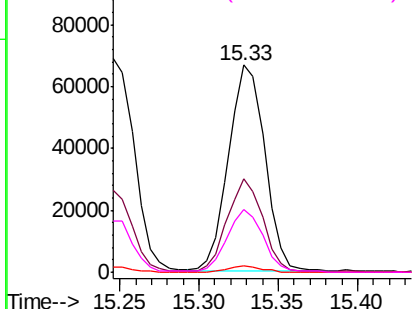
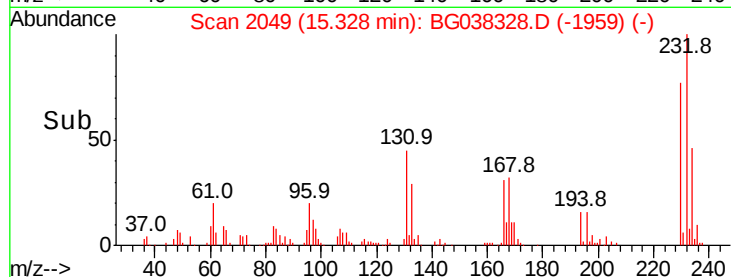
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.637 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232 Resp: 105798
 Ion Ratio Lower Upper
 232 100
 131 43.9 33.7 50.5
 130 2.9 2.1 3.1
 166 30.6 24.6 36.8

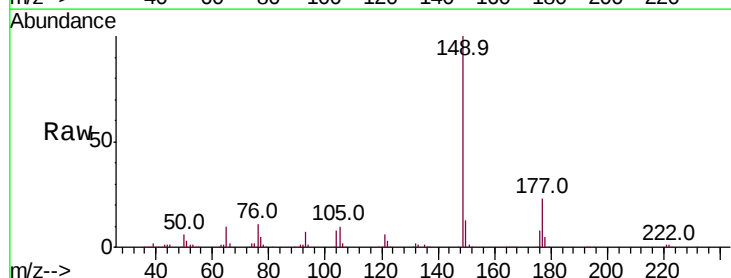


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

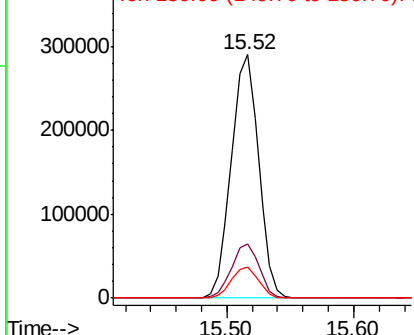
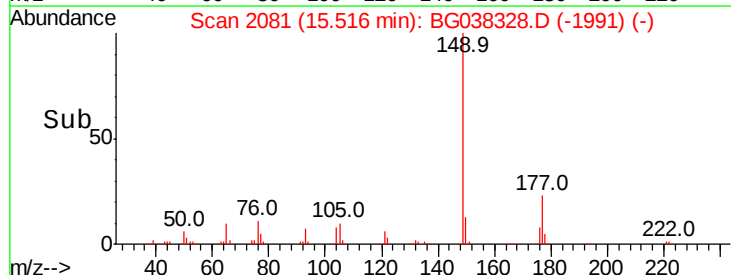


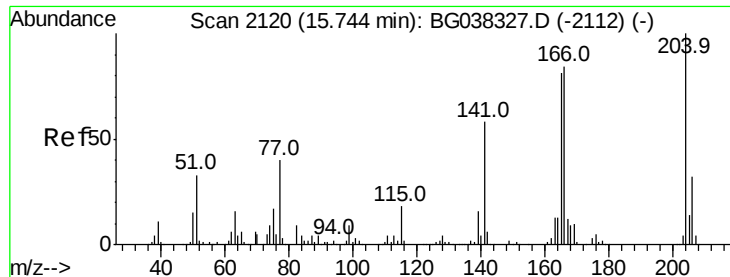
#60
 Diethylphthalate
 Concen: 52.249 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:149 Resp: 432870
 Ion Ratio Lower Upper
 149 100
 177 22.5 18.3 27.5
 150 12.7 10.0 15.0



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

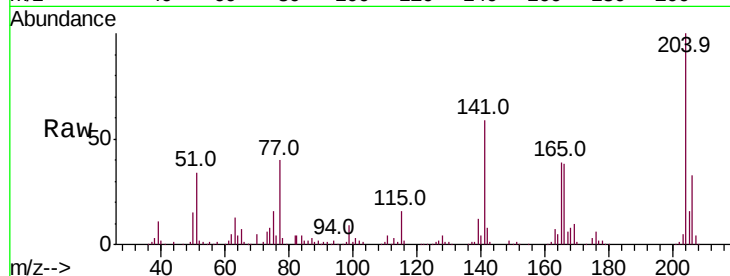




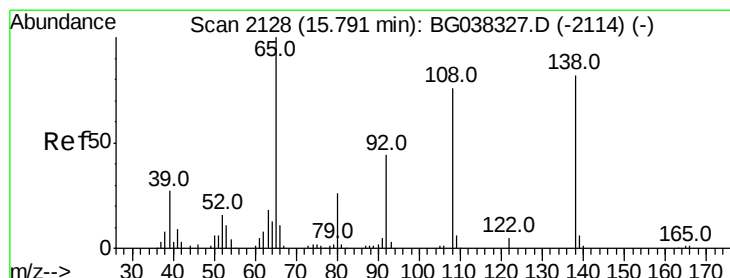
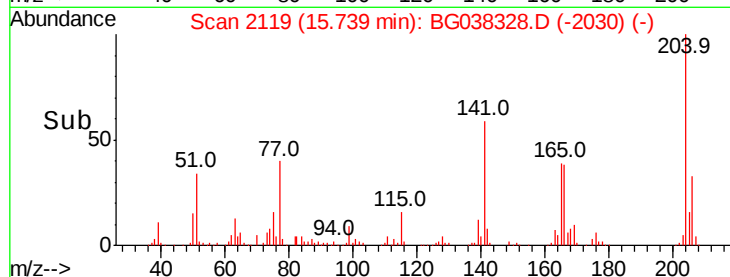
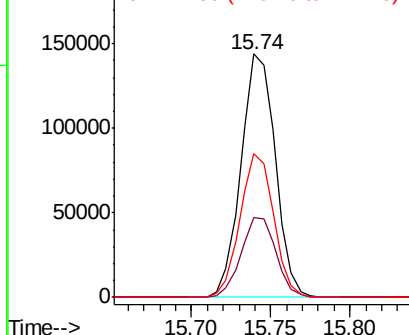
#61
4-Chlorophenyl-phenylether
Concen: 52.391 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 215966
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 59.0 45.4 68.2

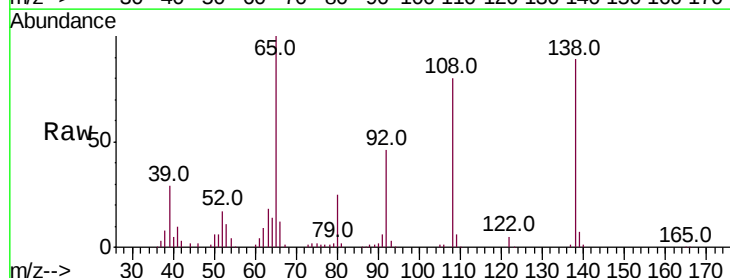


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

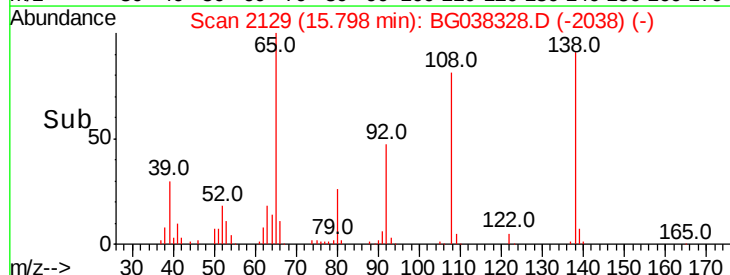
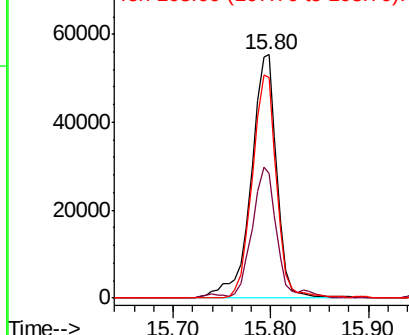


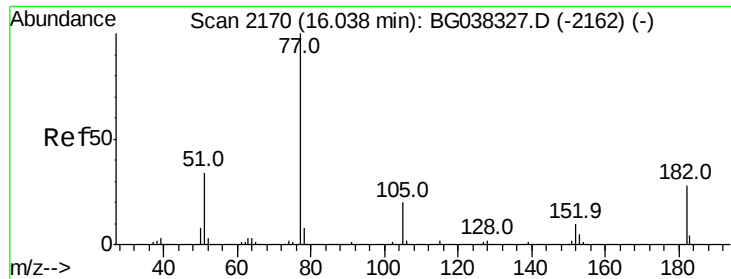
#62
4-Nitroaniline
Concen: 52.973 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion:138 Resp: 102510
Ion Ratio Lower Upper
138 100
92 51.4 36.4 76.4
108 90.8 60.1 100.1



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

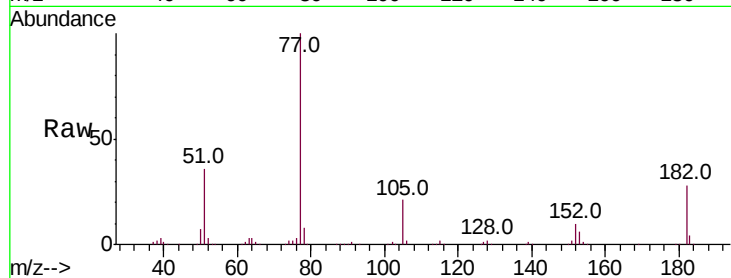




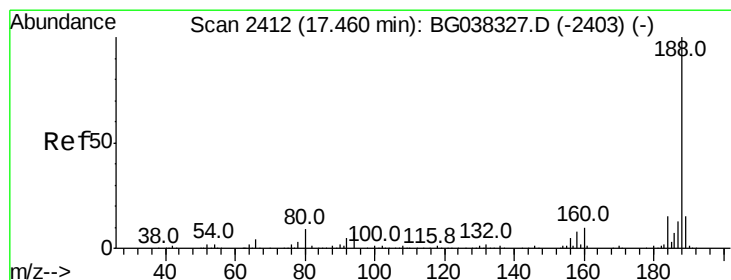
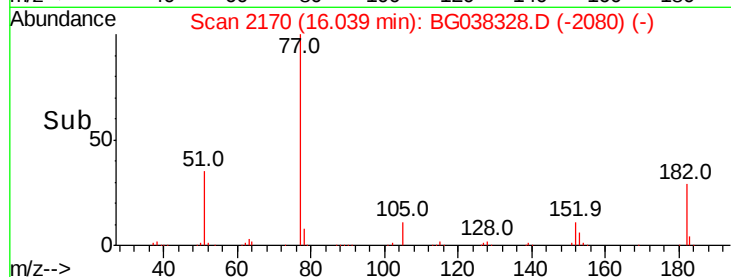
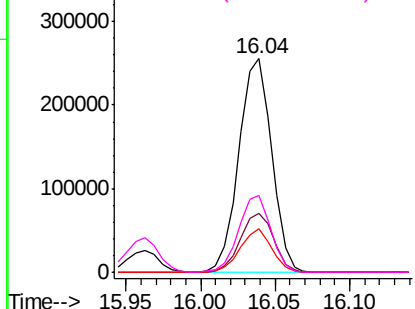
#63
Azobenzene
Concen: 52.679 ng
RT: 16.04 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 390219
Ion Ratio Lower Upper
77 100
182 27.5 8.0 48.0
105 20.6 1.3 41.3
51 35.9 10.7 50.7

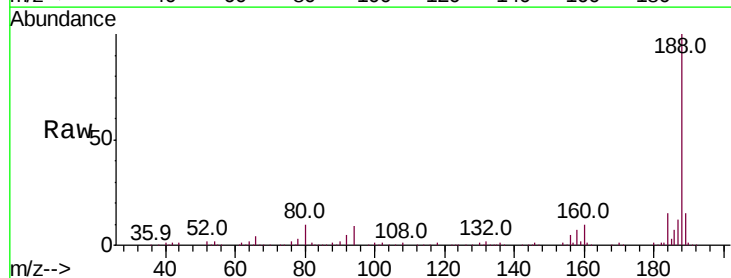


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

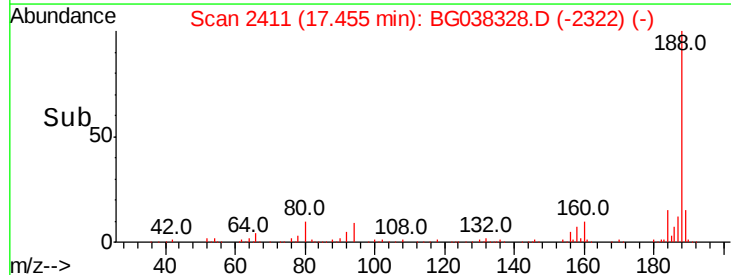
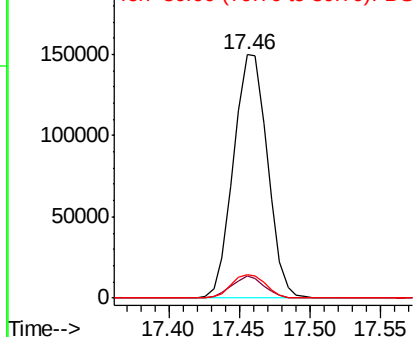


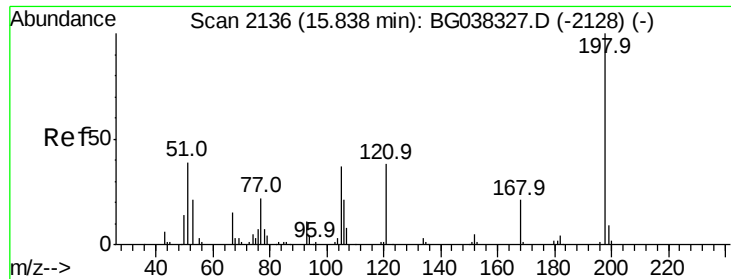
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion: 188 Resp: 252672
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.8 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 53.627 ng

RT: 15.84 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

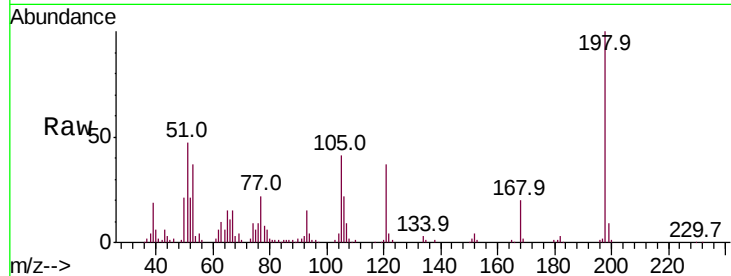
Tot Ion:198 Resp: 85705

Ion Ratio Lower Upper

198 100

51 47.5 22.7 62.7

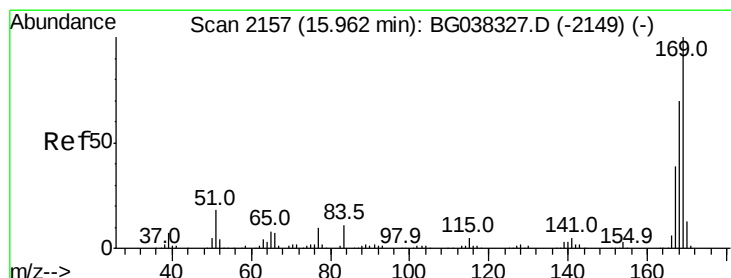
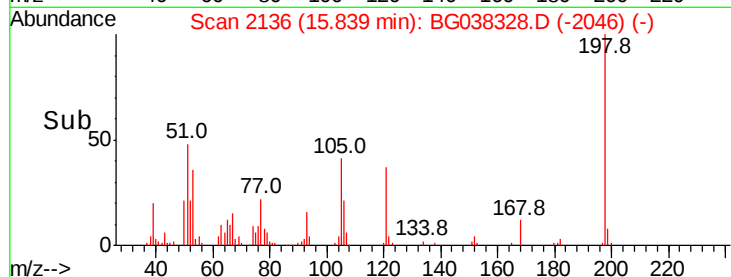
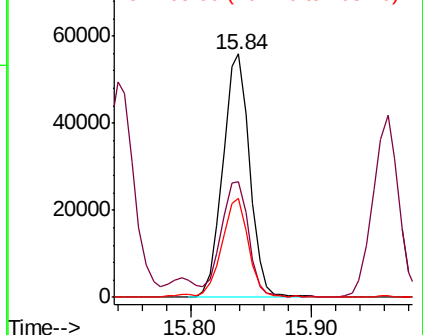
105 40.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.409 ng

RT: 15.96 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

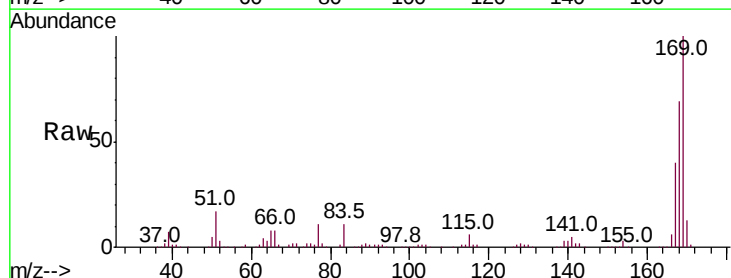
Tgt Ion:169 Resp: 354751

Ion Ratio Lower Upper

169 100

168 69.2 55.7 83.5

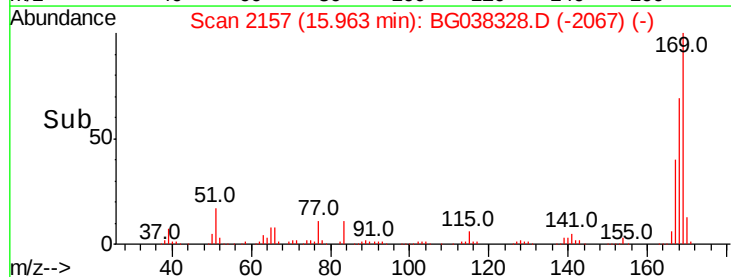
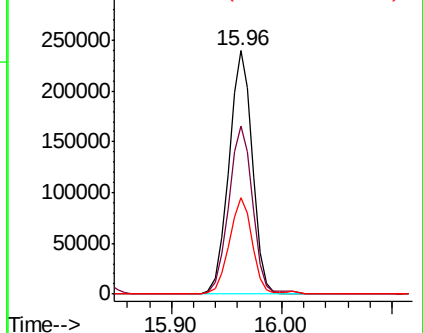
167 39.6 31.3 46.9

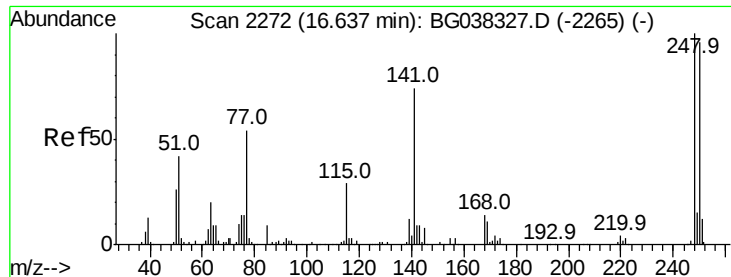


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

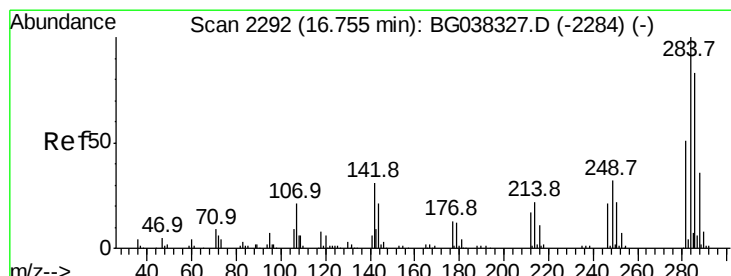
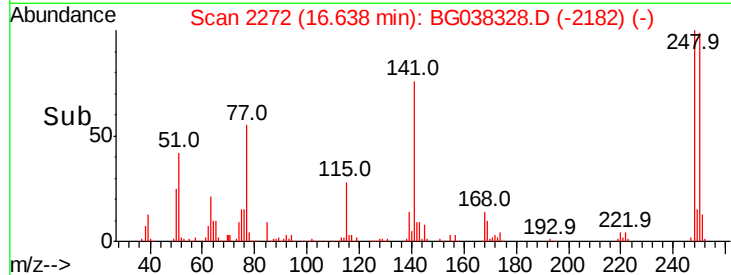
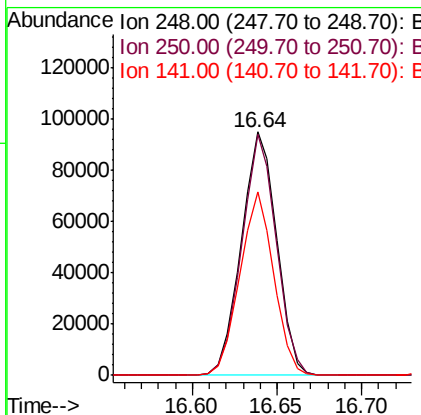
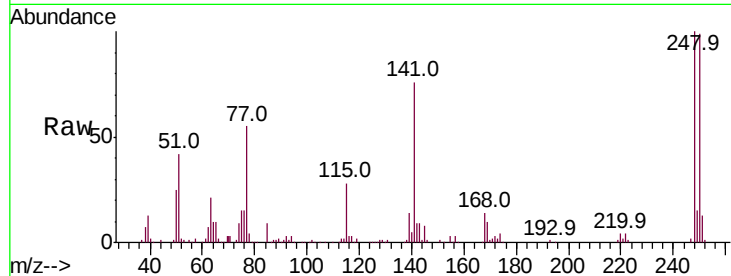




#67
 4-Bromophenyl-phenylether
 Concen: 49.783 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

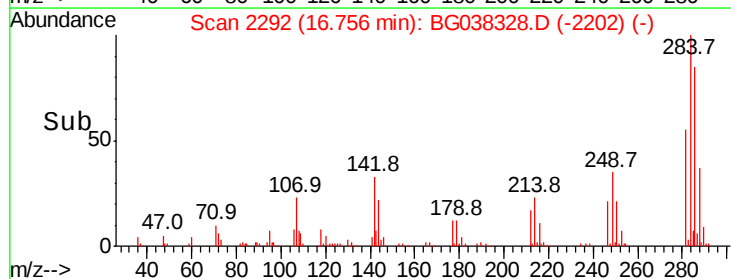
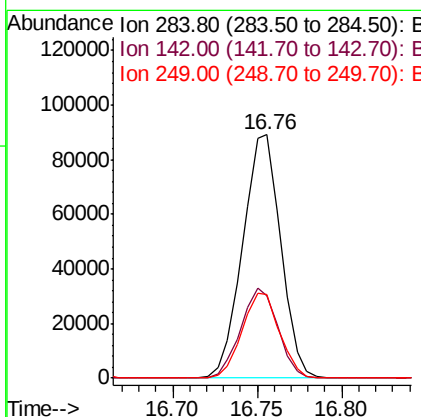
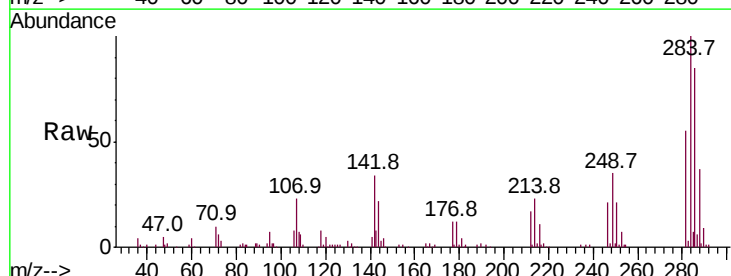
Instrument :
 BNA_G
 ClientSampled :

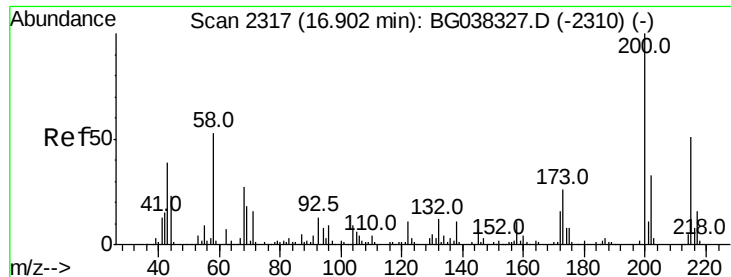
Tot Ion:248 Resp: 138062
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.0 115.6
 141 75.6 55.5 83.3



#68
 Hexachlorobenzene
 Concen: 48.893 ng
 RT: 16.76 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:284 Resp: 139961
 Ion Ratio Lower Upper
 284 100
 142 33.7 28.1 42.1
 249 36.5 29.8 44.8





#69

Atrazine

Concen: 47.057 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

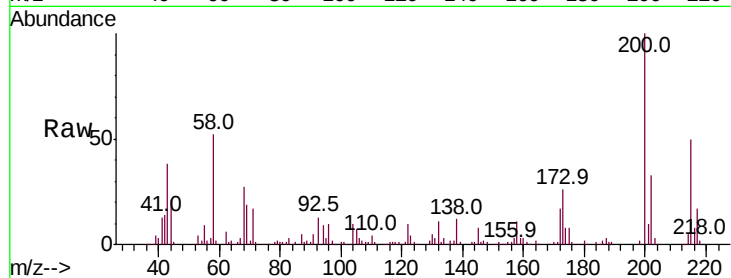
Tot Ion:200 Resp: 132599

Ion Ratio Lower Upper

200 100

173 25.7 6.1 46.1

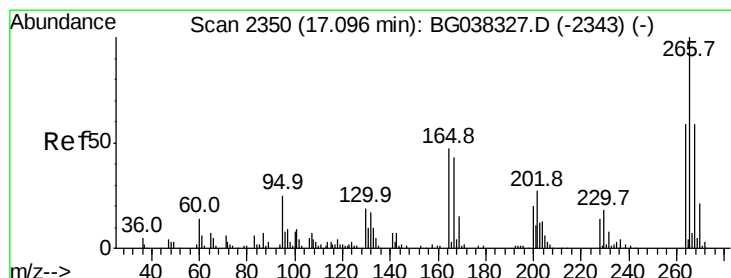
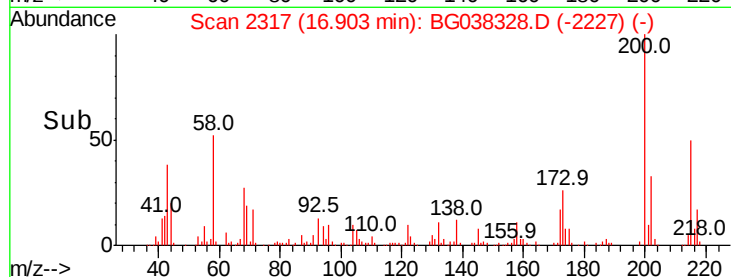
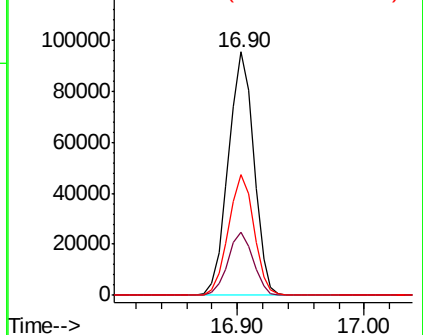
215 49.6 30.8 70.8



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



#70

Pentachlorophenol

Concen: 52.665 ng

RT: 17.10 min Scan# 2351

Delta R.T. 0.01 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

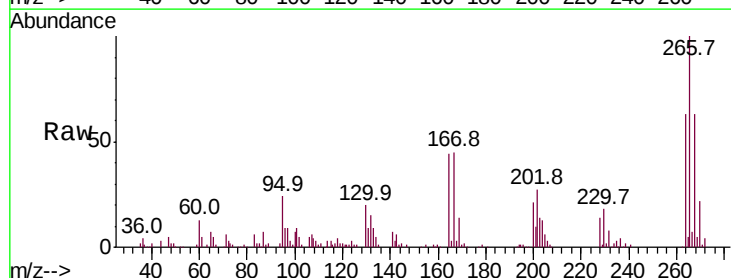
Tgt Ion:266 Resp: 102390

Ion Ratio Lower Upper

266 100

268 67.7 55.0 82.6

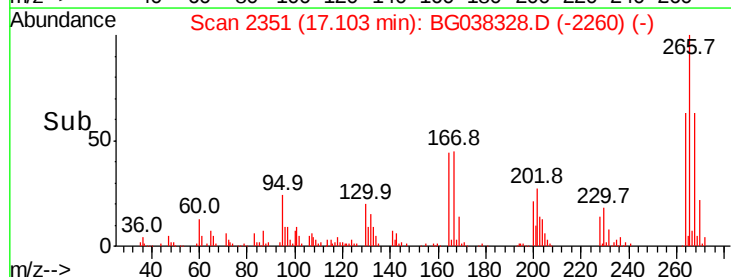
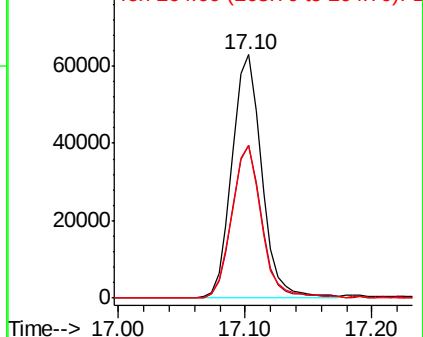
264 67.7 58.9 88.3

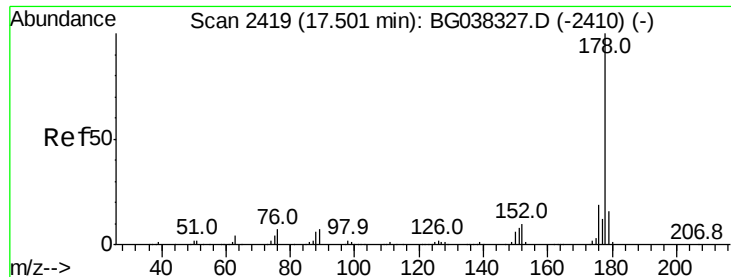


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

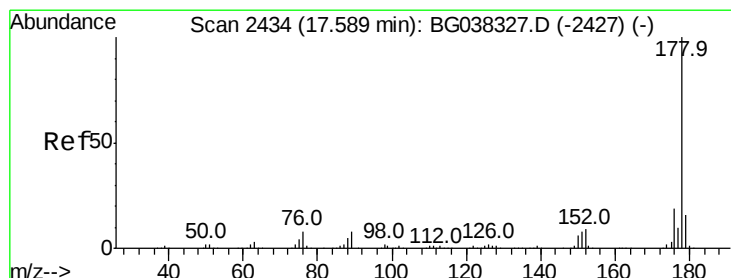
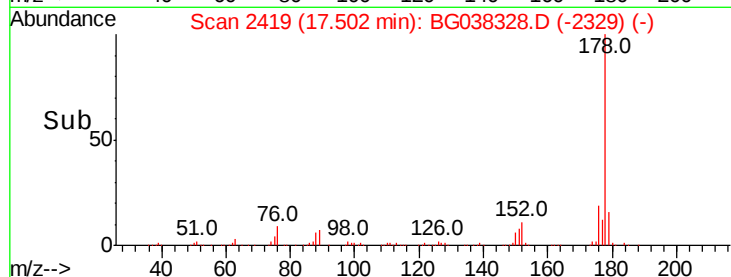
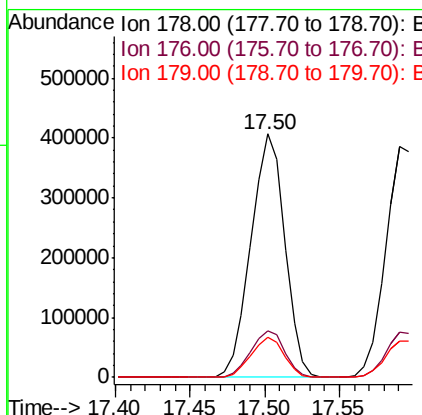
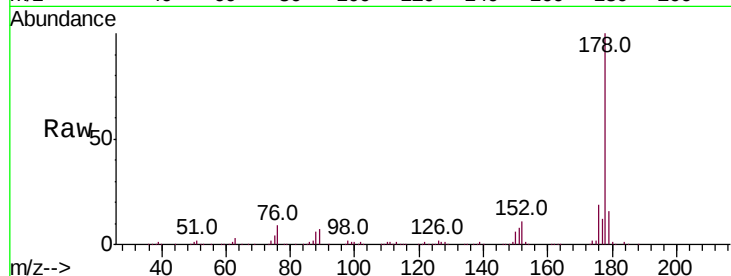




#71
 Phenanthrene
 Concen: 49.305 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

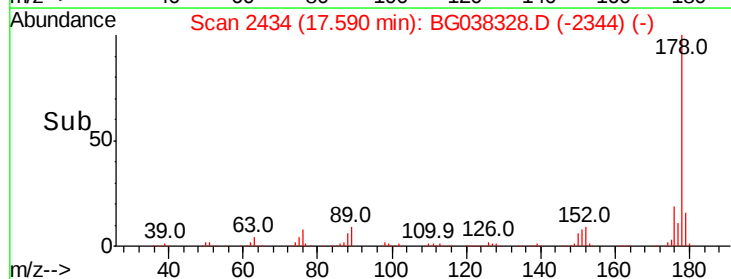
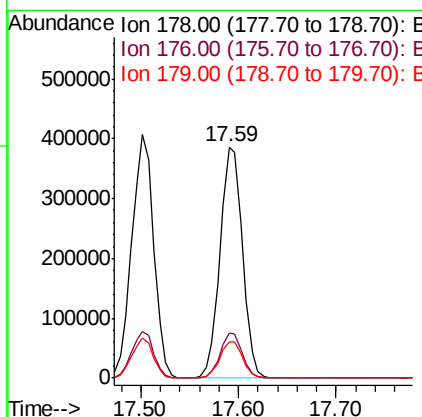
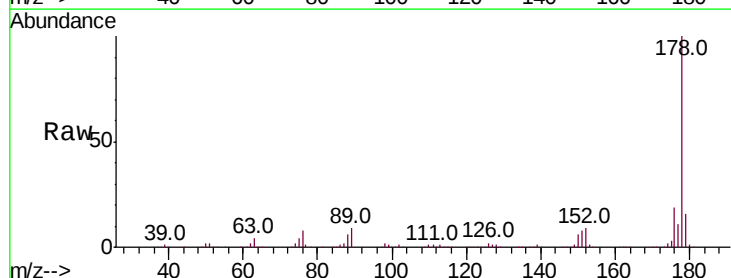
Instrument :
 BNA_G
 ClientSampled :

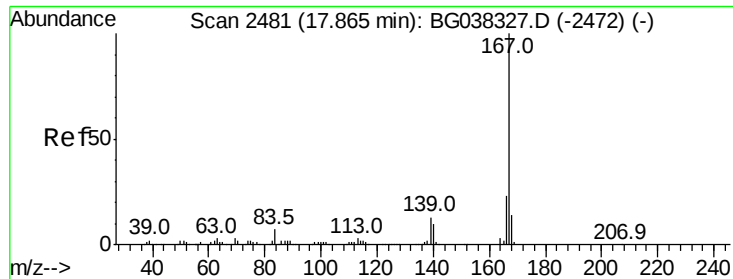
Tot Ion:178 Resp: 637826
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.1 24.1
 179 16.5 13.0 19.4



#72
 Anthracene
 Concen: 48.147 ng
 RT: 17.59 min Scan# 2434
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:178 Resp: 613972
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.0 22.4
 179 15.9 12.8 19.2

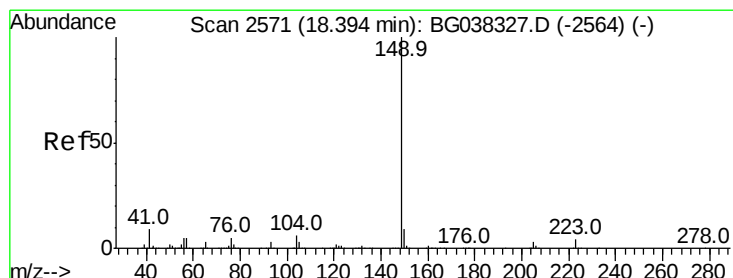
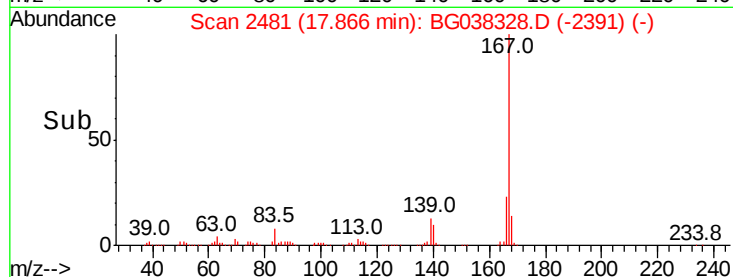
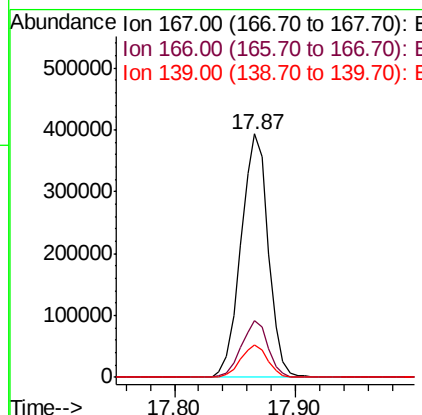
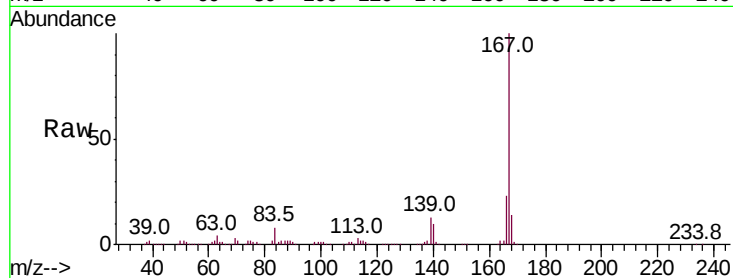




#73
 Carbazole
 Concen: 48.427 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

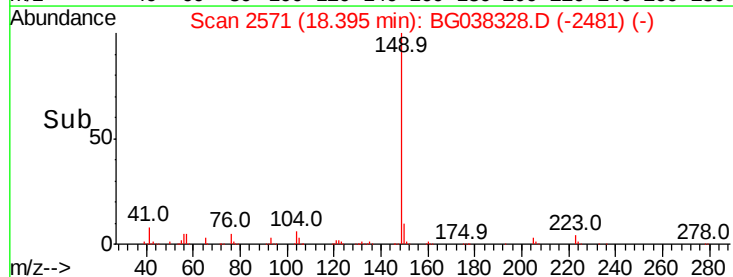
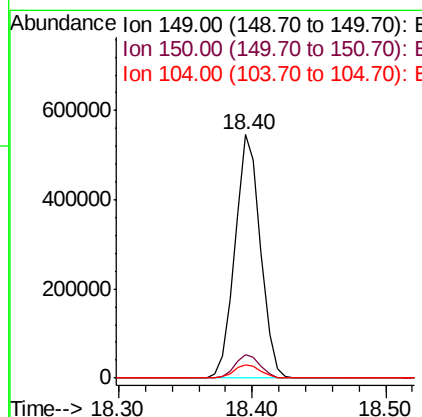
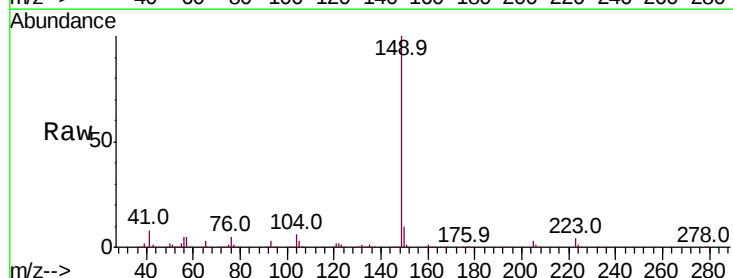
Instrument :
 BNA_G
 ClientSampleId :

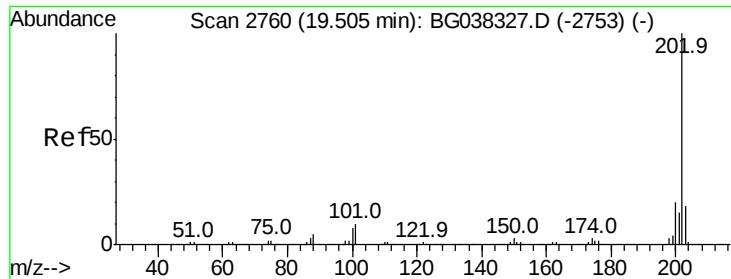
Tot Ion:167 Resp: 619569
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.3 27.5
 139 13.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 50.423 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:149 Resp: 724166
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 5.6 4.0 6.0





#75

Fluoranthene

Concen: 48.215 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

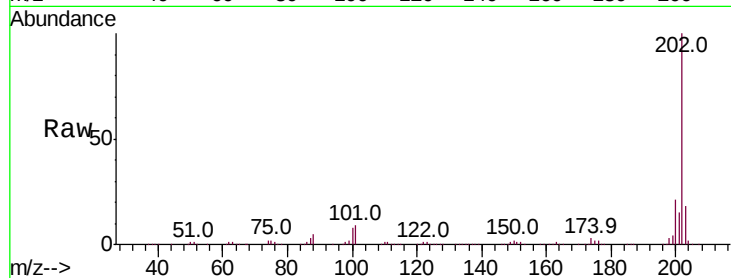
Tot Ion:202 Resp: 711628

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.7

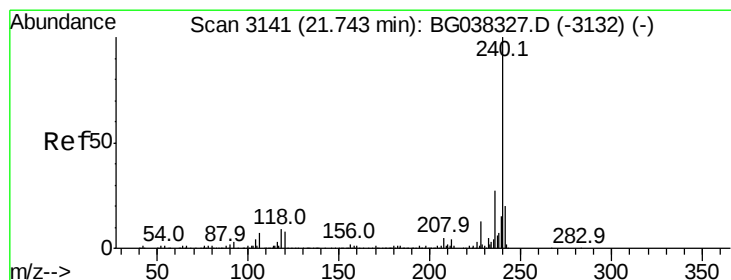
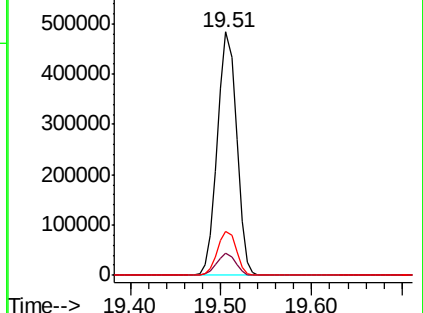
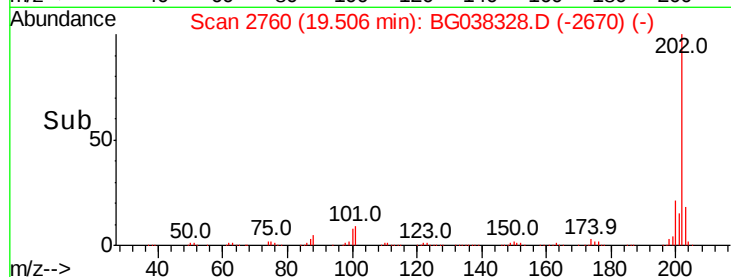
203 17.9 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

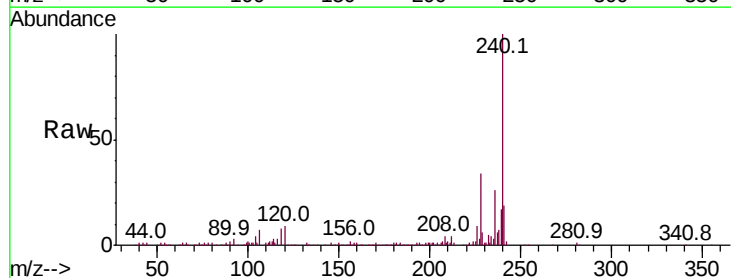
Tgt Ion:240 Resp: 216920

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

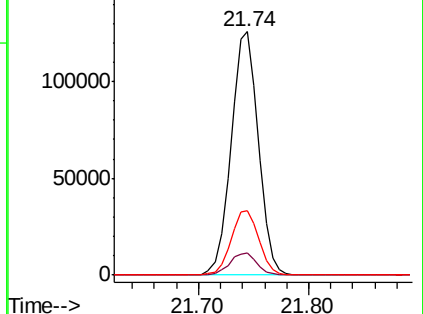
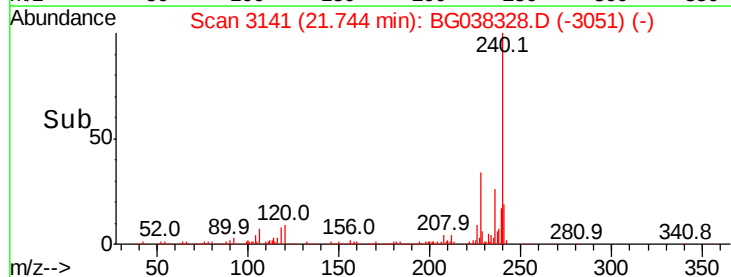
236 26.4 21.4 32.0

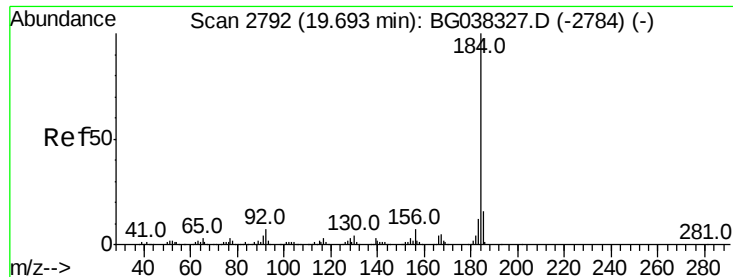


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.182 ng

RT: 19.69 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampled :

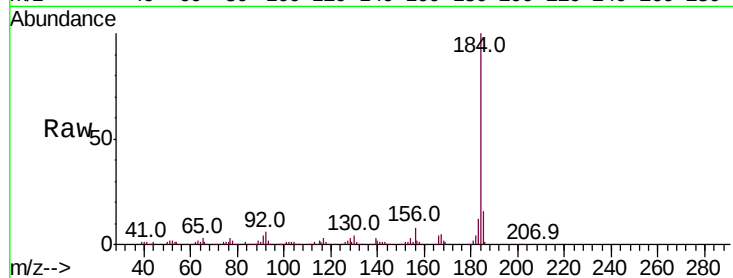
Tot Ion:184 Resp: 328684

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

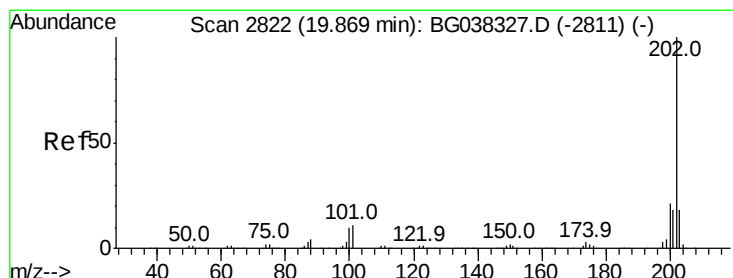
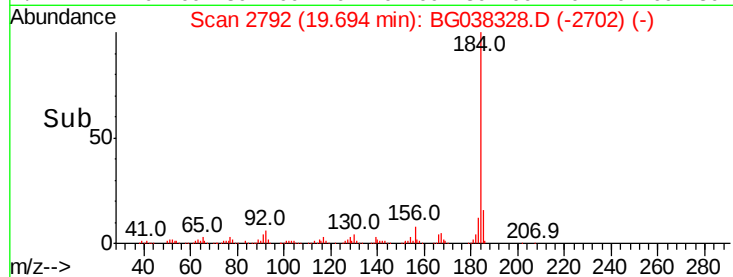
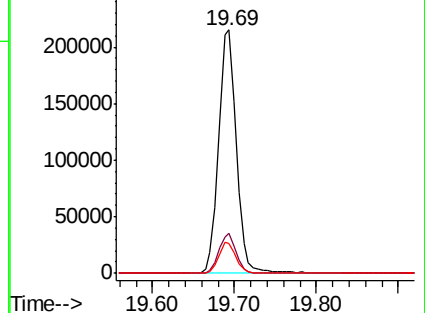
183 12.2 10.2 15.2



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



#78

Pyrene

Concen: 50.678 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

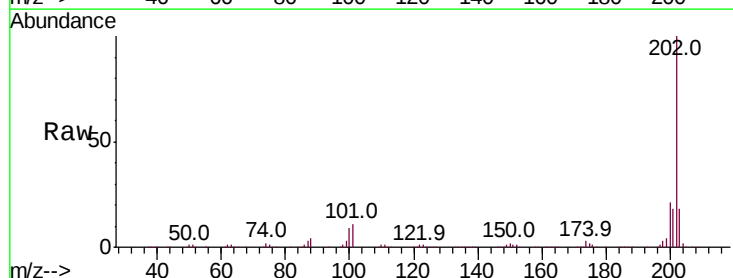
Tgt Ion:202 Resp: 718735

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

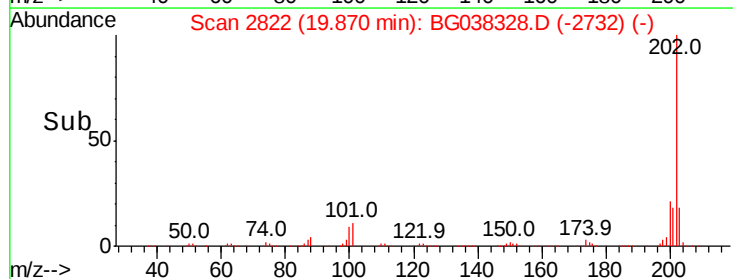
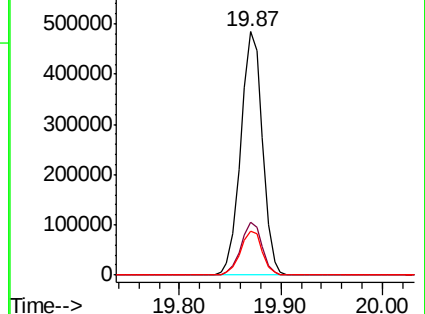
203 17.8 15.2 22.8

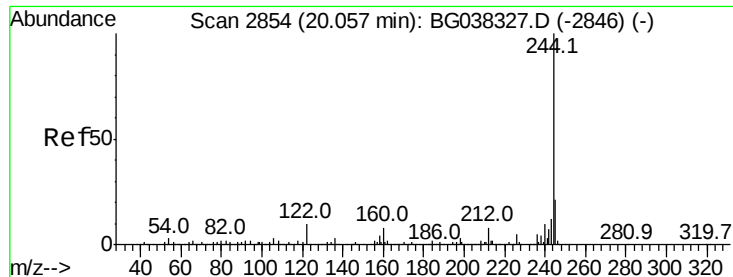


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.834 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampled :

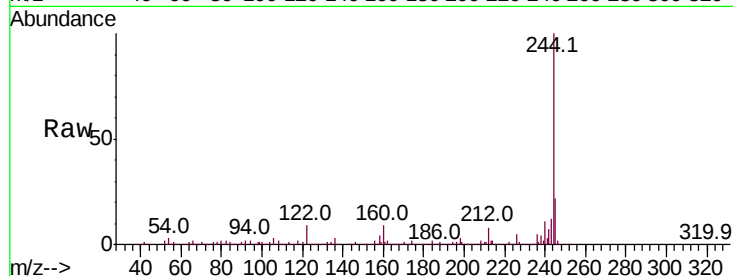
Tot Ion:244 Resp: 966444

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

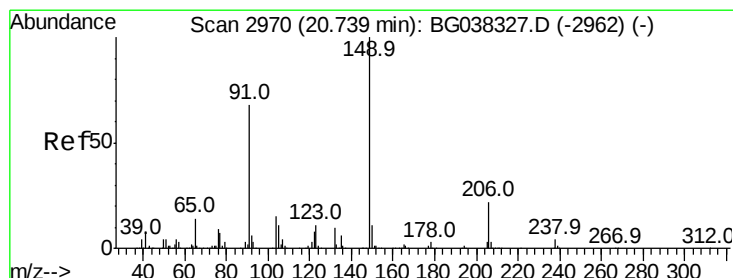
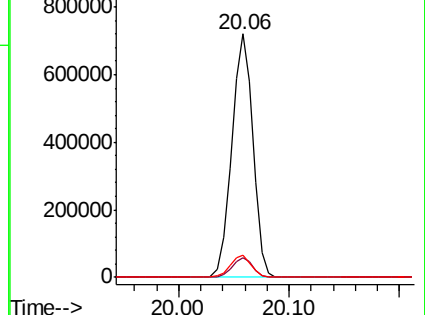
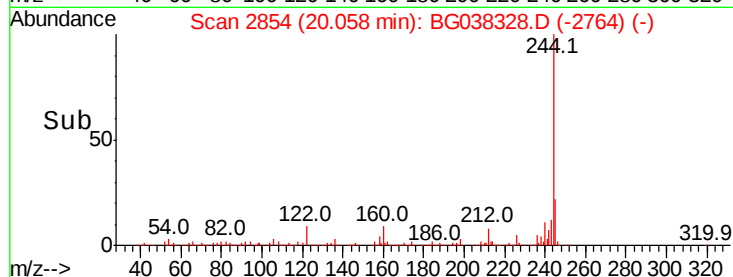
122 9.4 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 51.369 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

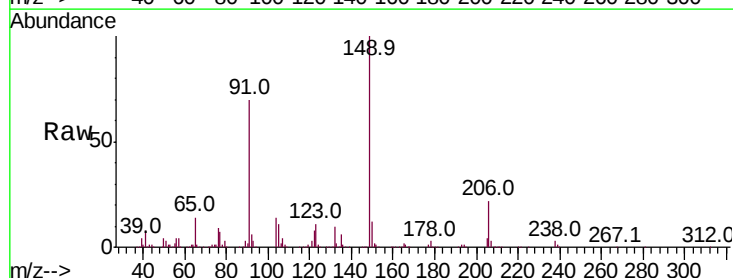
Tgt Ion:149 Resp: 318600

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

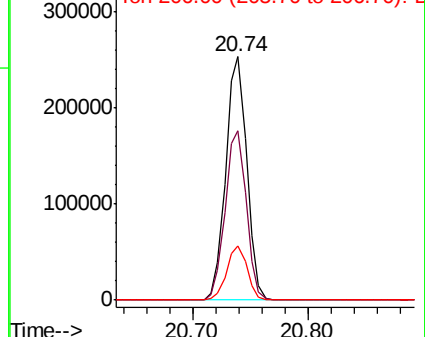
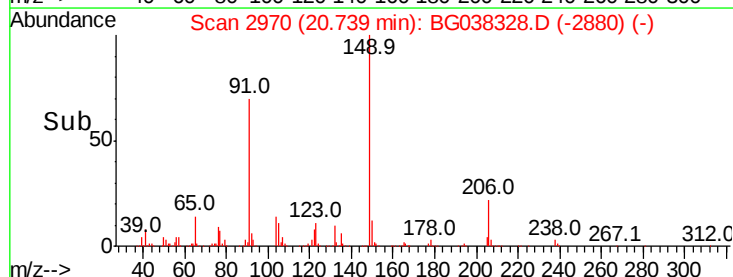
206 22.3 17.8 26.6

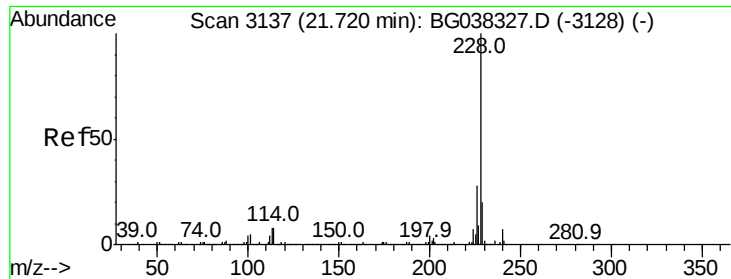


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.181 ng

RT: 21.72 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

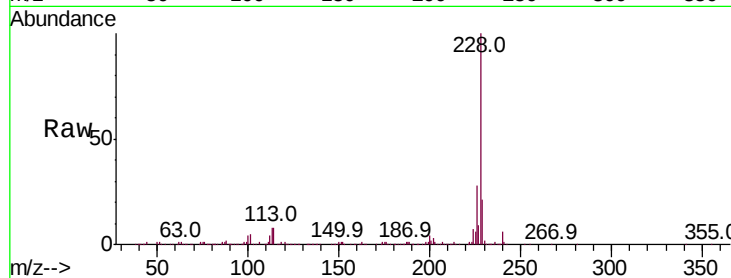
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 670909

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.6	16.3	24.5

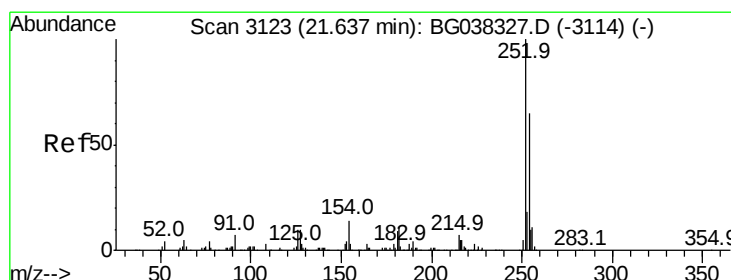
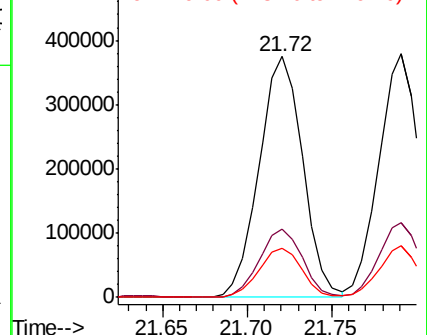
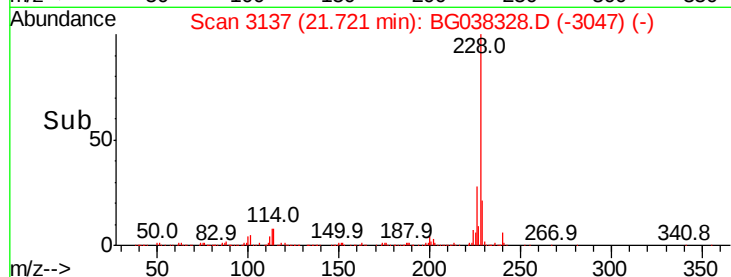


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 51.631 ng

RT: 21.64 min Scan# 3123

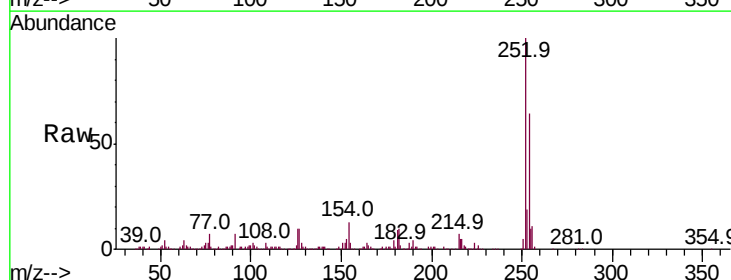
Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Tgt Ion:252 Resp: 263643

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.0	78.0
126	10.3	8.2	12.4

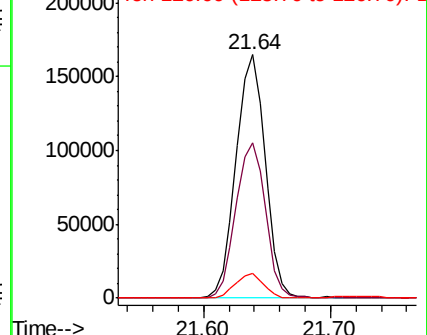
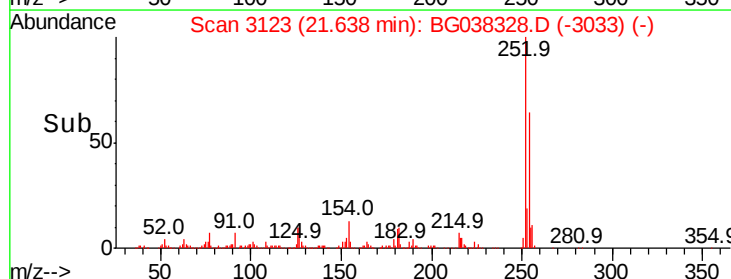


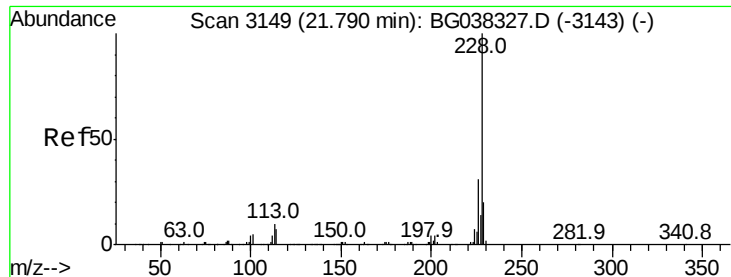
Abundance

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

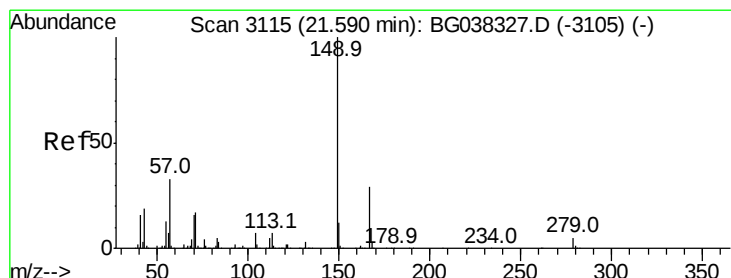
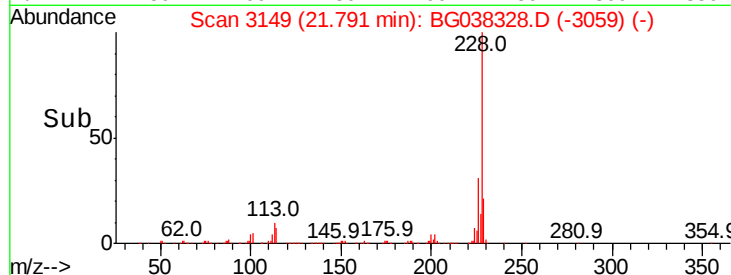
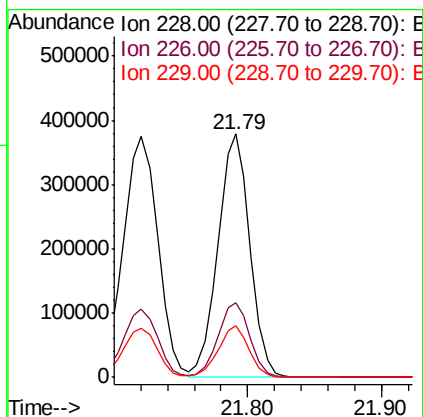
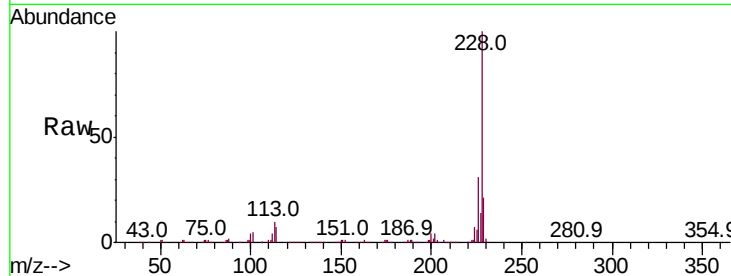




#83
 Chrvsene
 Concen: 50.484 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

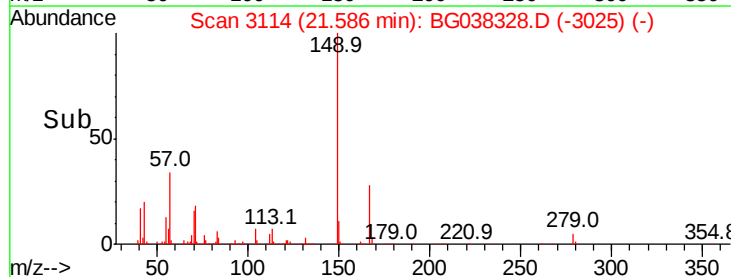
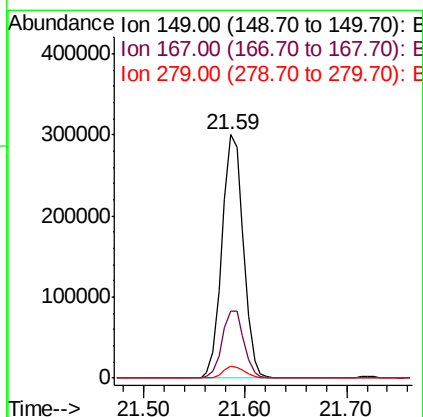
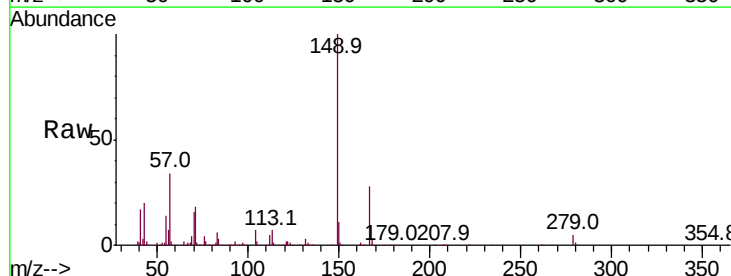
Instrument :
 BNA_G
 ClientSampleId :

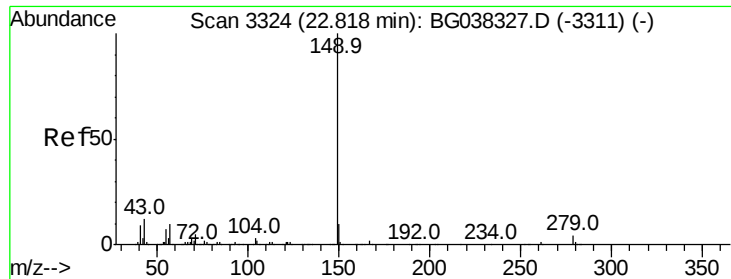
Tot Ion:228 Resp: 633178
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.7 38.5
 229 20.9 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.780 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:149 Resp: 440305
 Ion Ratio Lower Upper
 149 100
 167 27.7 23.0 34.4
 279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.083 ng

RT: 22.82 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampled :

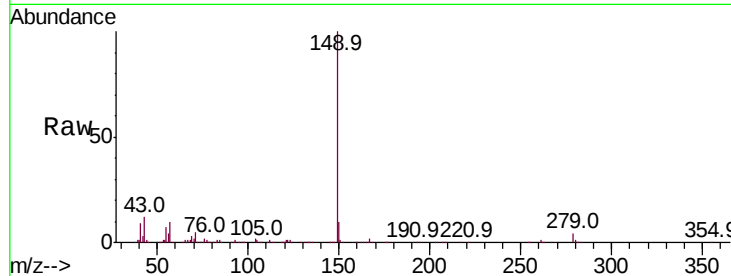
Tot Ion:149 Resp: 773888

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

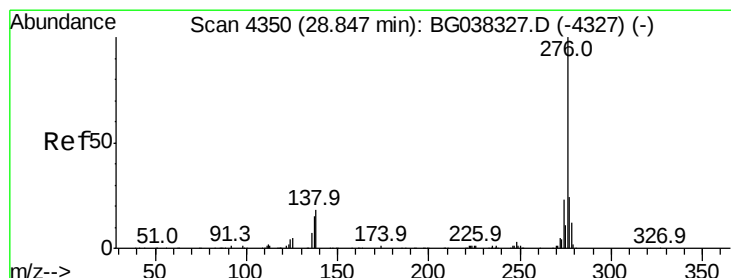
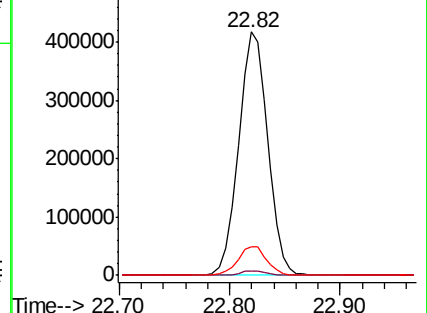
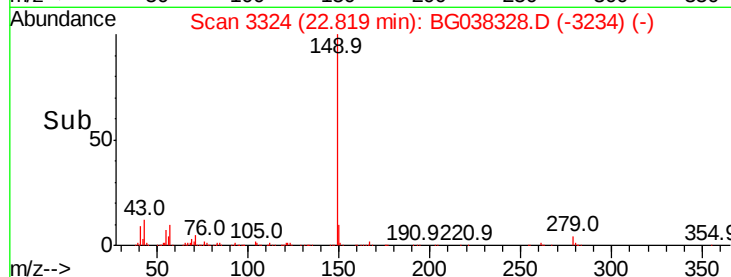
43 12.0 8.7 13.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.334 ng

RT: 28.85 min Scan# 4351

Delta R.T. 0.01 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

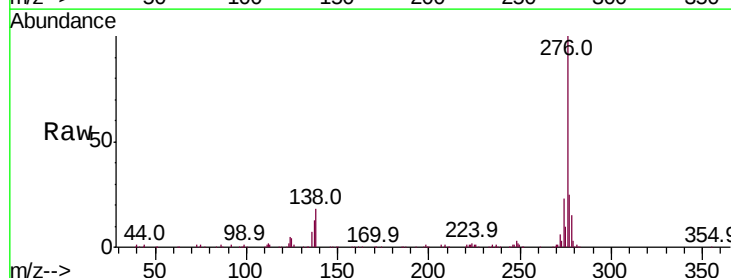
Tgt Ion:276 Resp: 742937

Ion Ratio Lower Upper

276 100

138 21.5 12.0 18.0#

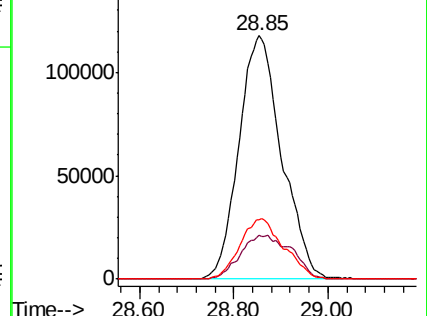
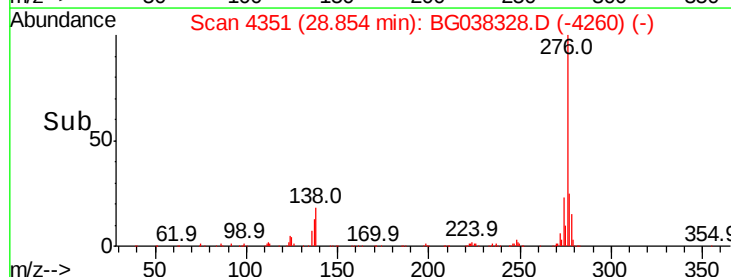
277 25.5 20.6 30.8

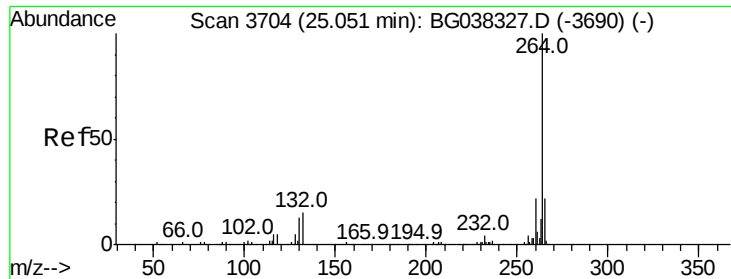


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

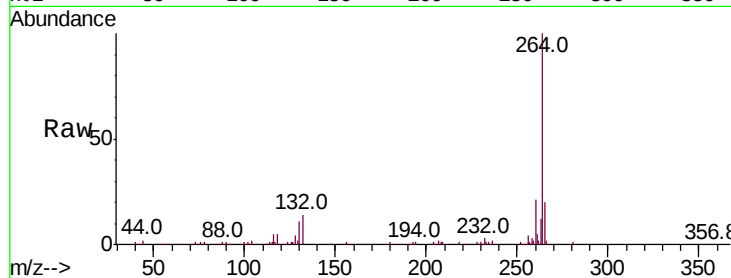




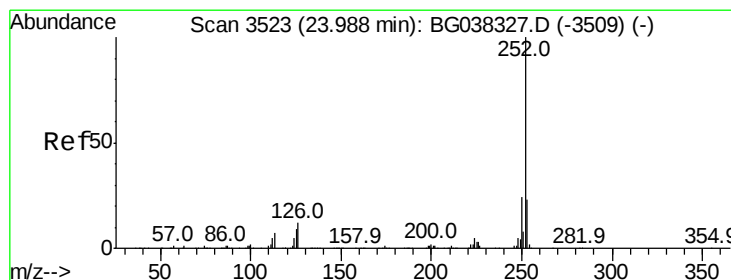
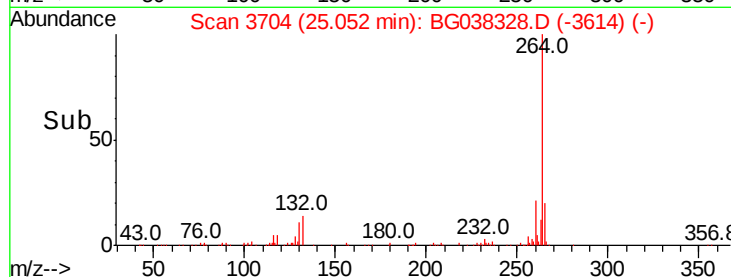
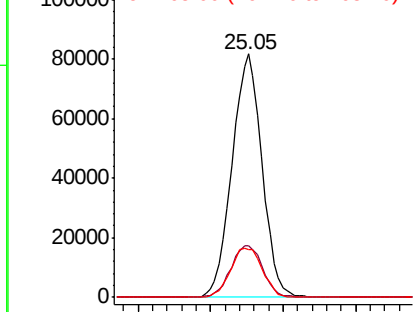
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3704
 Delta R.T. 0.00 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 234096
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.2 27.4
 265 19.6 17.9 26.9

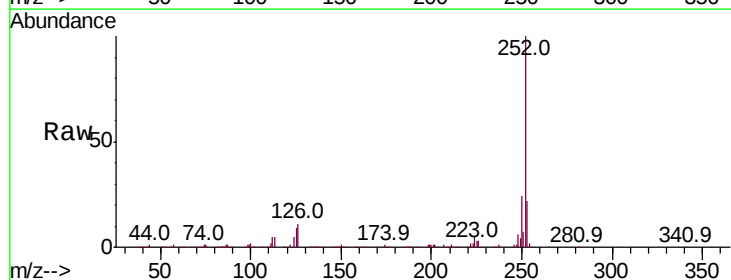


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

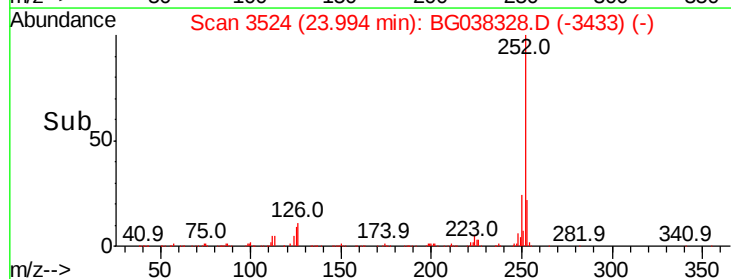
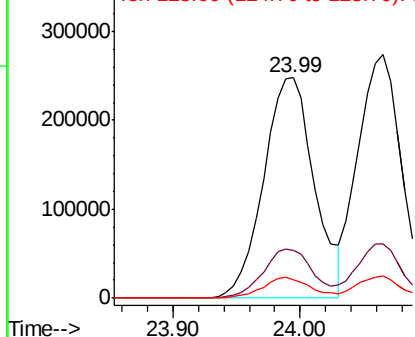


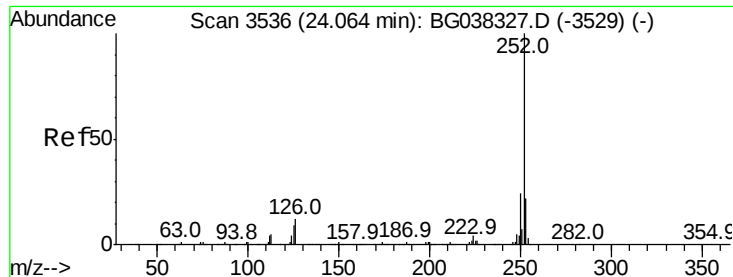
#88
 Benzo(b)fluoranthene
 Concen: 53.527 ng
 RT: 23.99 min Scan# 3524
 Delta R.T. 0.01 min
 Lab File: BG038328.D
 Acq: 4 Dec 2018 14:02

Tgt Ion:252 Resp: 689563
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.2 27.2
 125 8.5 7.8 11.6



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





#89

Benzo(k)fluoranthene

Concen: 51.237 ng

RT: 24.06 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

Instrument :

BNA_G

ClientSampleId :

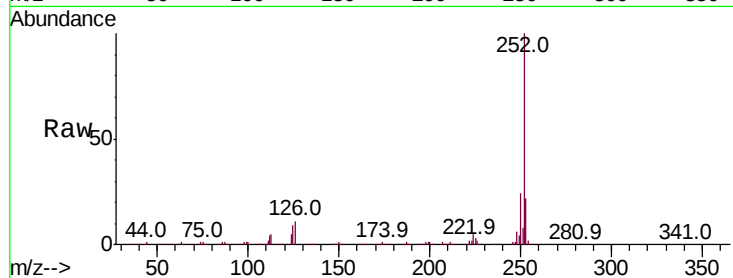
Tot Ion:252 Resp: 651307

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

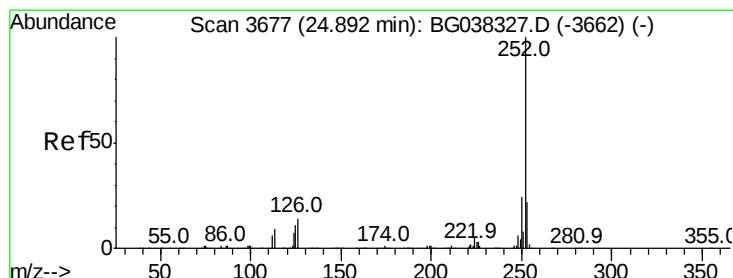
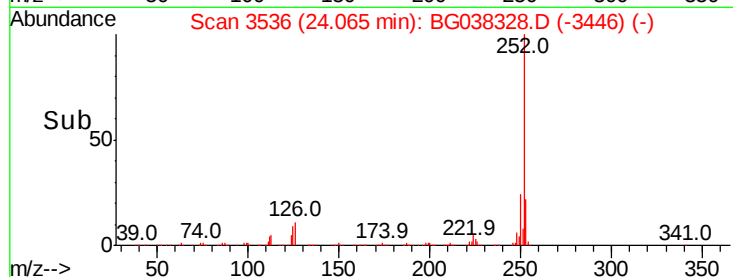
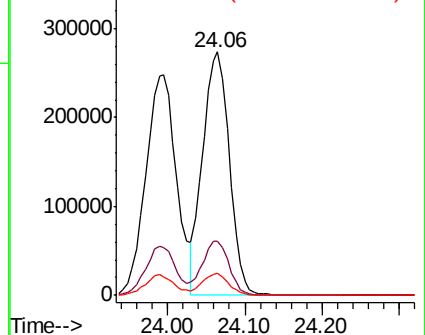
125 9.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.128 ng

RT: 24.90 min Scan# 3678

Delta R.T. 0.01 min

Lab File: BG038328.D

Acq: 4 Dec 2018 14:02

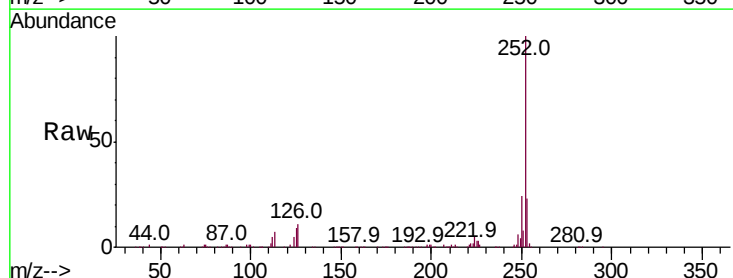
Tgt Ion:252 Resp: 629466

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

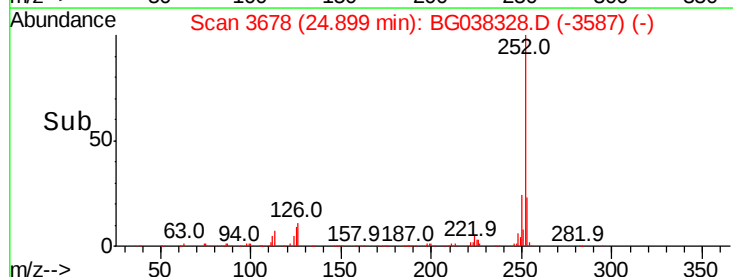
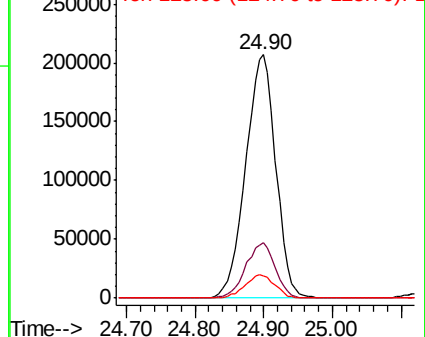
125 9.1 9.0 13.6

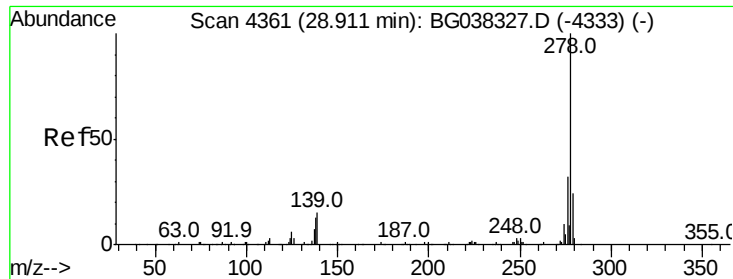


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

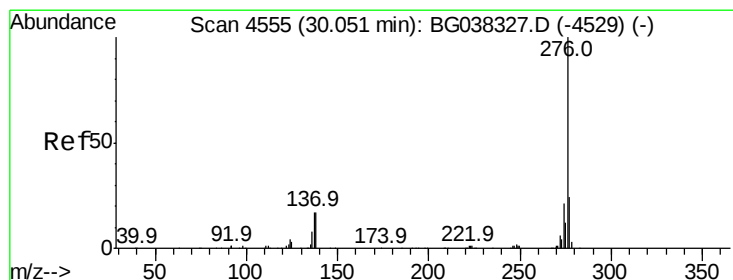
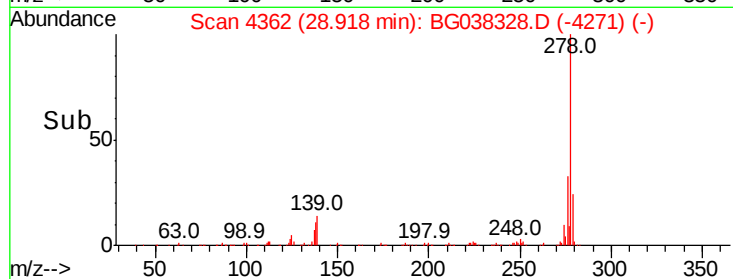
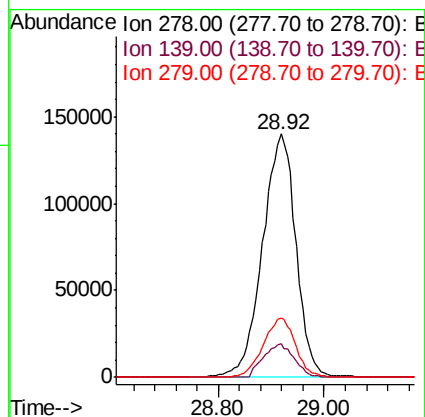
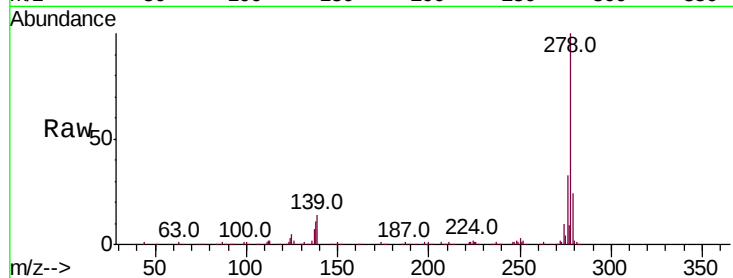




#91
Dibenzo(a,h)anthracene
Concen: 51.807 ng
RT: 28.92 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.5	17.3
279	24.4	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 51.865 ng
RT: 30.06 min Scan# 4556
Delta R.T. 0.01 min
Lab File: BG038328.D
Acq: 4 Dec 2018 14:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	17.1	17.2	25.8#

