

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038434.D
 Acq On : 8 Dec 2018 12:33
 Operator : JU/SJ
 Sample : PB115432BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Quant Time: Dec 10 02:53:14 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 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26199	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	117502	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	76772	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	196206	20.00	ng	0.00
76) Chrysene-d12	21.73	240	187621	20.00	ng	0.00
87) Perylene-d12	25.04	264	269533	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	175722	118.69	ng	0.00
7) Phenol-d6	7.22	99	254730	119.05	ng	0.00
23) Nitrobenzene-d5	9.24	82	154025	65.08	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	109924	116.63	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	387211	71.87	ng	0.00
79) Terphenyl-d14	20.05	244	642664	73.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	17546	25.859	ng	# 91
3) Pyridine	3.90	79	82005	40.398	ng	93
4) n-Nitrosodimethylamine	3.83	42	46038	51.776	ng	97
6) Aniline	7.40	93	63995	23.416	ng	99
8) 2-Chlorophenol	7.63	128	65884	38.318	ng	100
9) Benzaldehyde	7.21	77	40236	29.695	ng	98
10) Phenol	7.25	94	90340	39.959	ng	92
11) bis(2-Chloroethyl)ether	7.49	93	57492	31.050	ng	96
12) 1,3-Dichlorobenzene	7.96	146	64224	31.959	ng	96
13) 1,4-Dichlorobenzene	8.10	146	67704	32.562	ng	98
14) 1,2-Dichlorobenzene	8.42	146	63114	31.178	ng	99
15) Benzyl Alcohol	8.31	79	57770	32.839	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	142276	33.782	ng	95
17) 2-Methylphenol	8.50	107	59887	37.459	ng	97
18) Hexachloroethane	9.15	117	25645	34.174	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	52798	33.414	ng	89
20) 3+4-Methylphenols	8.83	107	84296	37.010	ng	97
22) Acetophenone	8.90	105	100001	34.928	ng	# 95
24) Nitrobenzene	9.29	77	78077	32.471	ng	96
25) Isophorone	9.80	82	144839	34.824	ng	# 98
26) 2-Nitrophenol	10.00	139	38444	34.506	ng	92
27) 2,4-Dimethylphenol	10.04	122	66316	41.441	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	91372	38.322	ng	99
29) 2,4-Dichlorophenol	10.53	162	72579	39.732	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	75793	35.345	ng	98
31) Naphthalene	10.94	128	204202	36.382	ng	100
32) Benzoic acid	10.18	122	30781	29.166	ng	98
33) 4-Chloroaniline	11.06	127	14100	5.675	ng	# 94
34) Hexachlorobutadiene	11.20	225	46999	35.034	ng	95
35) Caprolactam	11.83	113	27343	36.196	ng	# 84
36) 4-Chloro-3-methylphenol	12.16	107	82641	40.718	ng	98
37) 2-Methylnaphthalene	12.53	142	161698	40.453	ng	98
38) 1-Methylnaphthalene	12.76	142	152224	39.762	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	90536	34.272	ng	98

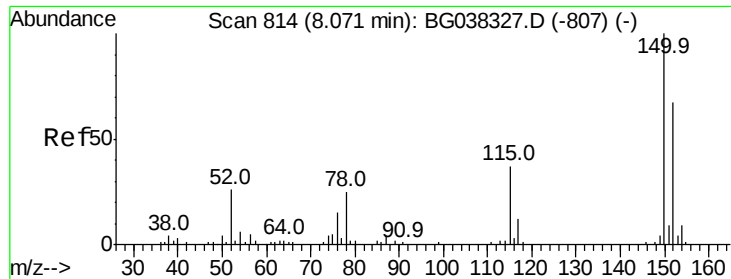
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
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Quant Time: Dec 10 02:53:14 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	114518	78.884	nq	97
43) 2,4,6-Trichlorophenol	13.14	196	66436	38.823	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	71881	39.650	nq	96
46) 1,1'-Biphenyl	13.54	154	211241	32.551	nq	98
47) 2-Chloronaphthalene	13.59	162	168365	34.382	nq	98
48) 2-Nitroaniline	13.80	65	58095	35.362	nq	96
49) Acenaphthylene	14.43	152	271906	36.868	nq	98
50) Dimethylphthalate	14.16	163	223858	36.354	nq	100
51) 2,6-Dinitrotoluene	14.28	165	49436	35.145	nq	92
52) Acenaphthene	14.77	154	156348	34.774	nq	98
53) 3-Nitroaniline	14.62	138	29827	19.689	nq	# 95
54) 2,4-Dinitrophenol	14.82	184	58654	76.068	nq	87
55) Dibenzofuran	15.10	168	260949	35.107	nq	98
56) 4-Nitrophenol	14.92	139	78493	65.591	nq	# 81
57) 2,4-Dinitrotoluene	15.07	165	72013	37.119	nq	97
58) Fluorene	15.75	166	210743	38.484	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	61851	39.282	nq	99
60) Diethylphthalate	15.51	149	235325	34.495	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	117459	35.710	nq	96
62) 4-Nitroaniline	15.79	138	53383	35.827	nq	90
63) Azobenzene	16.03	77	206473	34.582	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	45667	35.523	nq	95
66) n-Nitrosodiphenylamine	15.95	169	193868	35.138	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	75210	35.496	nq	97
68) Hexachlorobenzene	16.75	284	79599	36.422	nq	98
69) Atrazine	16.89	200	77288	37.541	nq	95
70) Pentachlorophenol	17.10	266	89910	60.063	nq	98
71) Phenanthrene	17.50	178	367867	37.439	nq	97
72) Anthracene	17.59	178	374187	39.324	nq	99
73) Carbazole	17.86	167	337501	35.737	nq	98
74) Di-n-butylphthalate	18.39	149	410422	37.199	nq	# 98
75) Fluoranthene	19.50	202	578686	50.408	nq	98
77) Benzidine	19.68	184	131647	20.793	nq	99
78) Pyrene	19.87	202	452095	34.439	nq	98
80) Butylbenzylphthalate	20.73	149	184952	35.029	nq	99
81) Benzo(a)anthracene	21.71	228	431249	37.398	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	91816	20.468	nq	99
83) Chrysene	21.78	228	397470	36.424	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	255823	34.184	nq	96
85) Di-n-octyl phthalate	22.81	149	432627	33.715	nq	97
86) Indeno(1,2,3-cd)pyrene	28.83	276	642483	51.807	nq	# 70
88) Benzo(b)fluoranthene	23.98	252	588308	38.629	nq	98
89) Benzo(k)fluoranthene	24.05	252	560857	36.976	nq	98
90) Benzo(a)pyrene	24.88	252	555320	37.592	nq	99
91) Dibenzo(a,h)anthracene	28.89	278	530352	37.853	nq	97
92) Benzo(g,h,i)perylene	30.01	276	534788	38.472	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

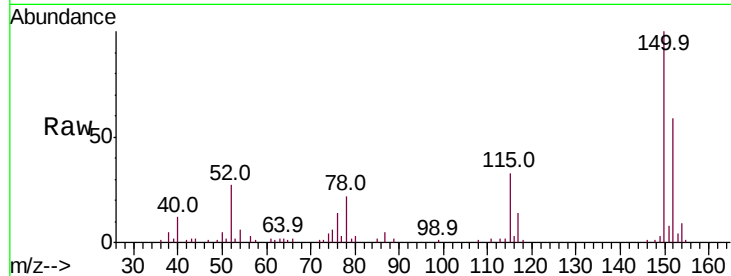
Tot Ion:152 Resp: 26199

Ion Ratio Lower Upper

152 100

150 170.6 126.0 189.0

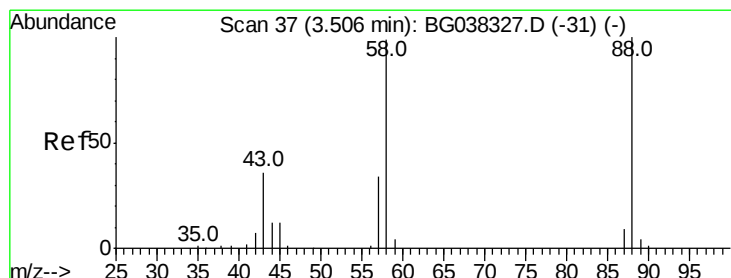
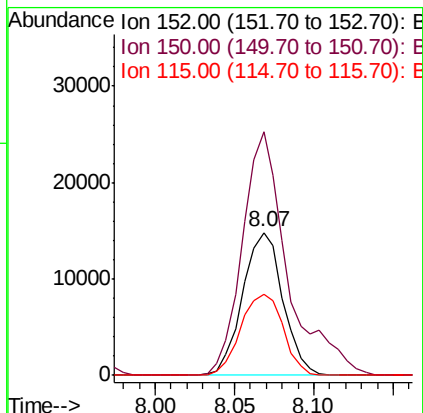
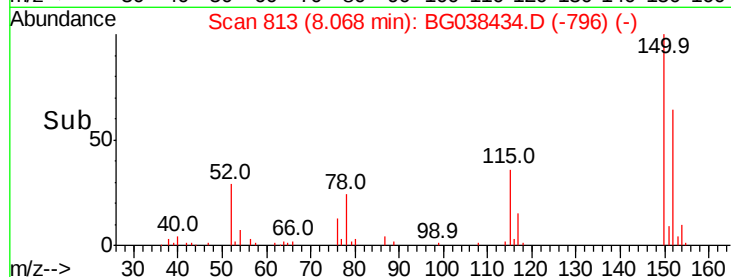
115 56.9 45.5 68.3



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: 25.859 ng

RT: 3.50 min Scan# 35

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

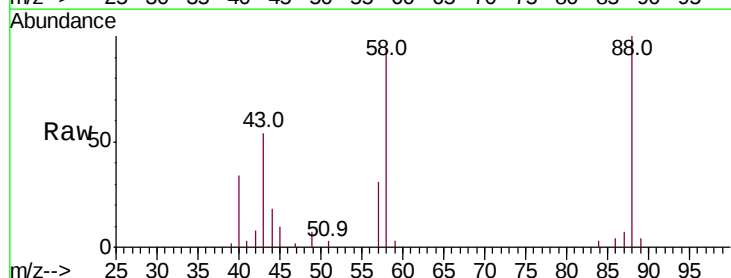
Tgt Ion: 88 Resp: 17546

Ion Ratio Lower Upper

88 100

58 96.5 74.4 111.6

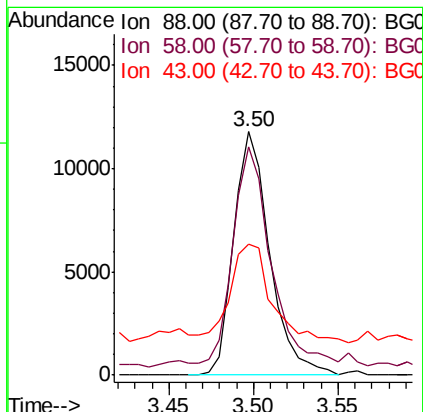
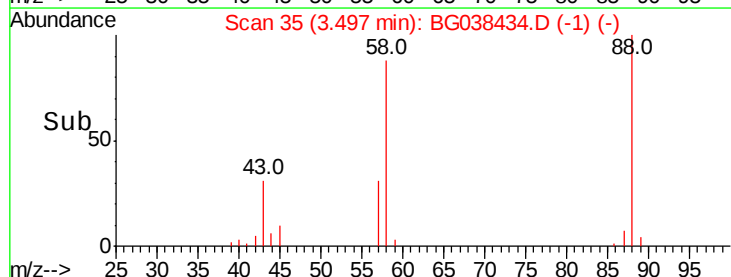
43 46.7 25.8 38.8#

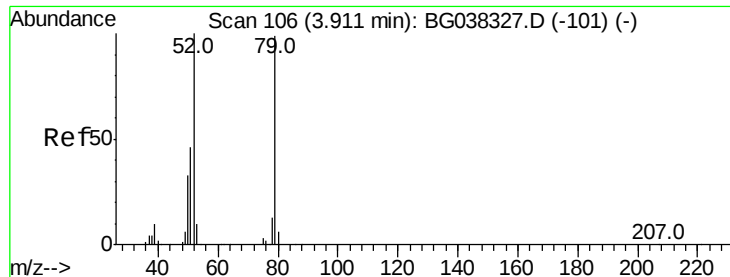


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.398 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

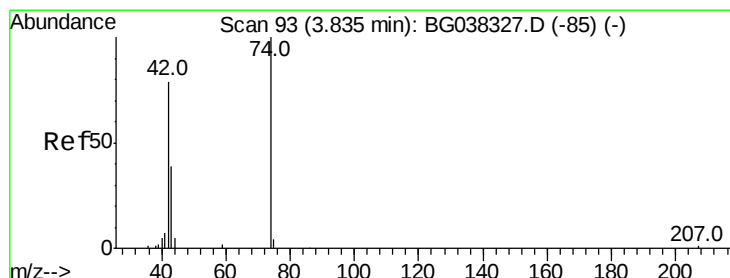
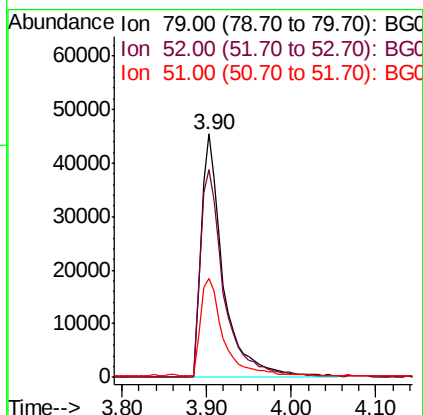
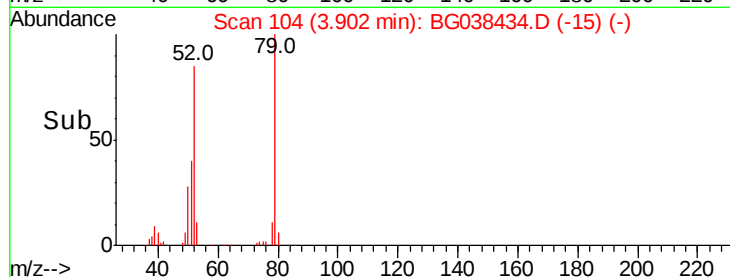
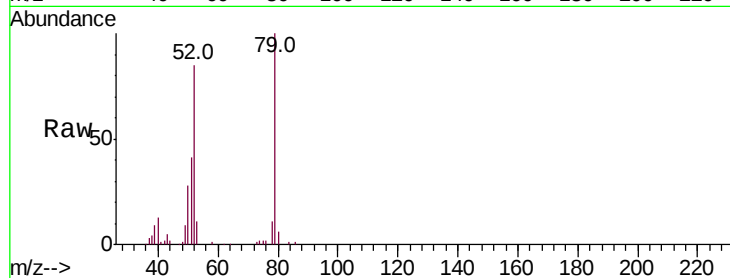
Tot Ion: 79 Resp: 82005

Ion Ratio Lower Upper

79 100

52 85.3 74.2 111.2

51 40.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 51.776 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

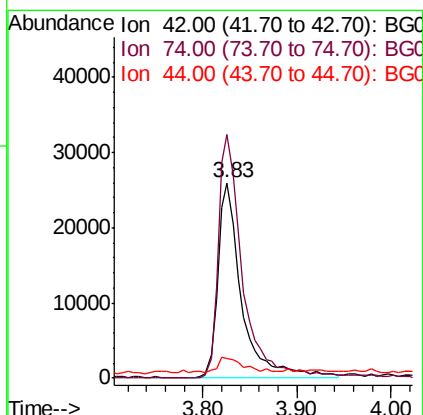
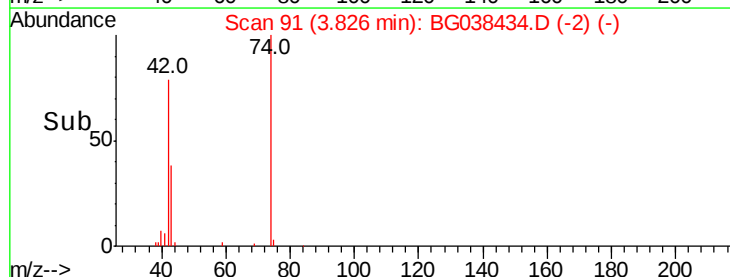
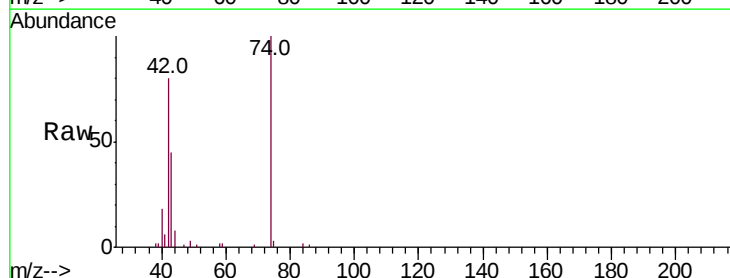
Tgt Ion: 42 Resp: 46038

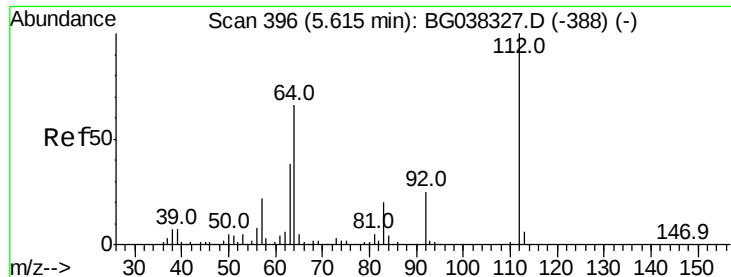
Ion Ratio Lower Upper

42 100

74 124.7 102.0 153.0

44 9.9 9.6 14.4





#5

2-Fluorophenol

Concen: 118.694 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

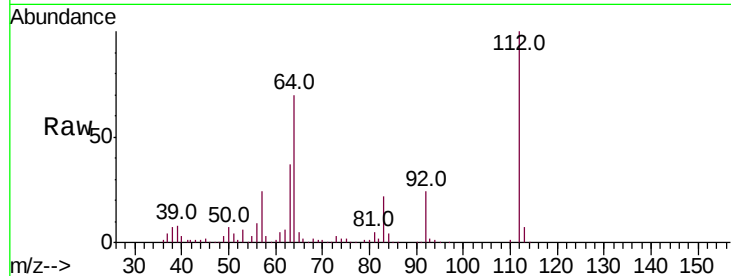
Tot Ion:112 Resp: 175722

Ion Ratio Lower Upper

112 100

64 70.4 53.1 79.7

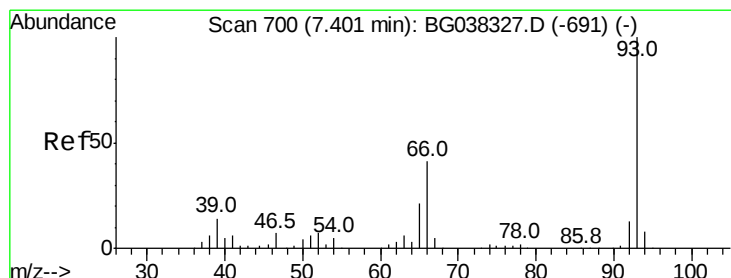
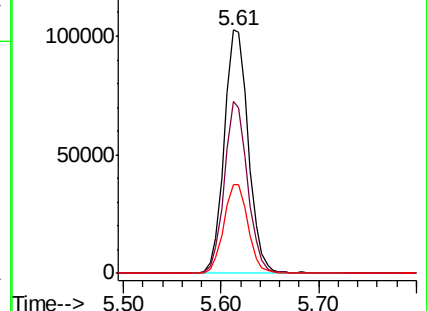
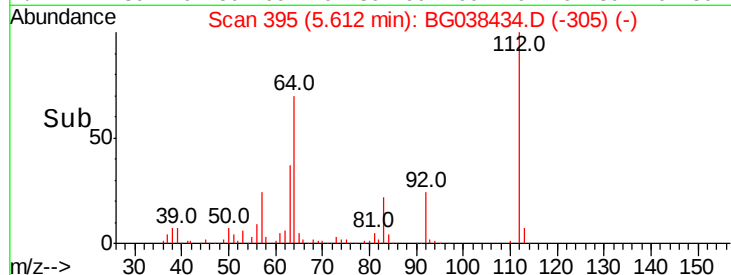
63 36.5 27.3 40.9



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: 23.416 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

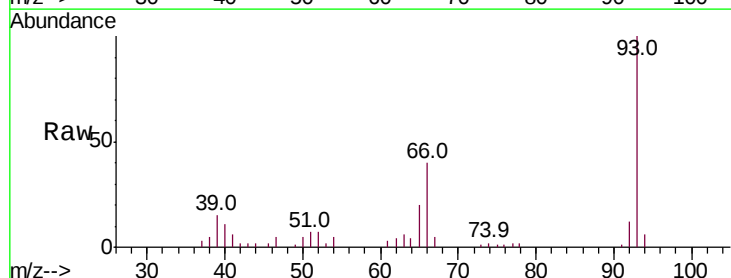
Tgt Ion: 93 Resp: 63995

Ion Ratio Lower Upper

93 100

66 40.3 32.8 49.2

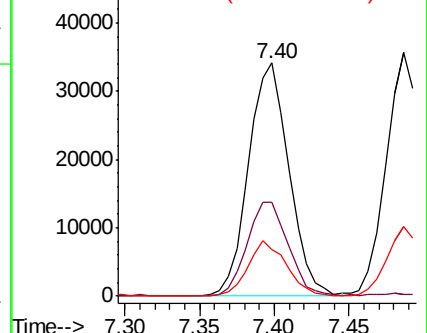
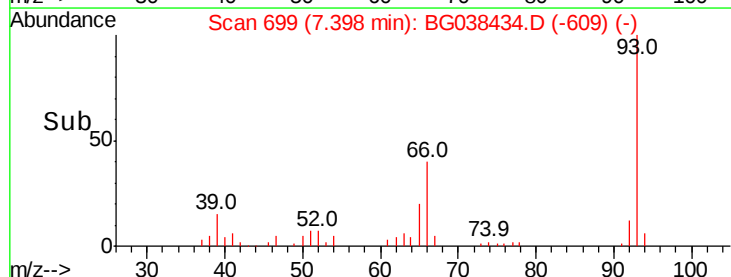
65 19.8 16.4 24.6

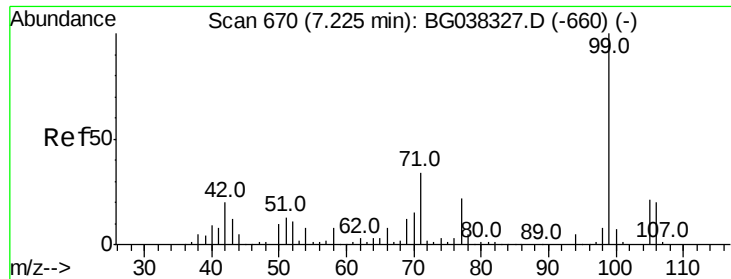


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.045 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

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ClientSampleId :

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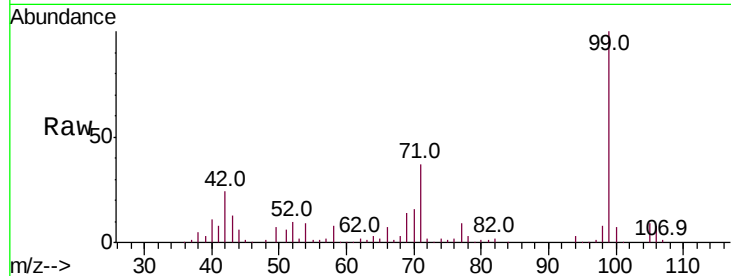
Tot Ion: 99 Resp: 254730

Ion Ratio Lower Upper

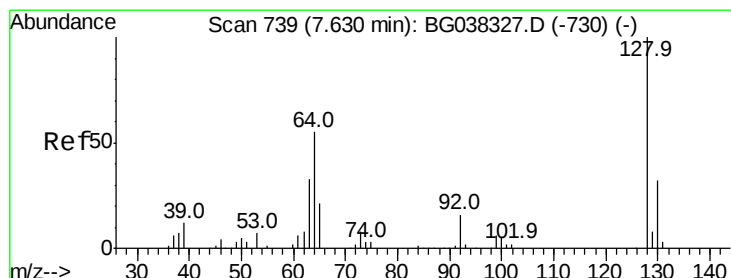
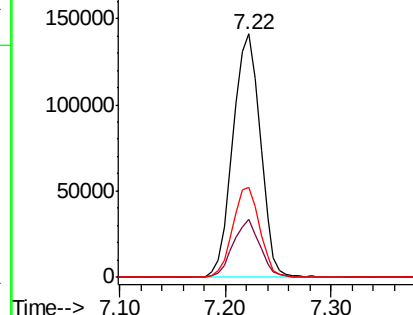
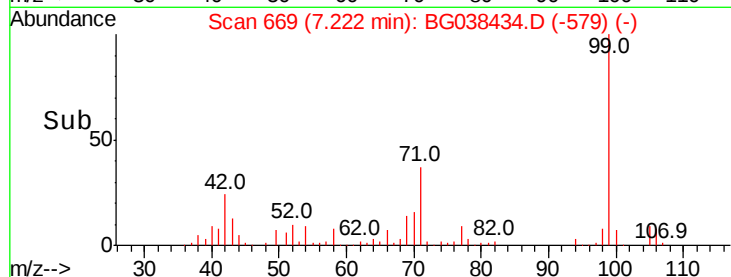
99 100

42 23.9 15.0 22.4#

71 36.8 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: 38.318 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

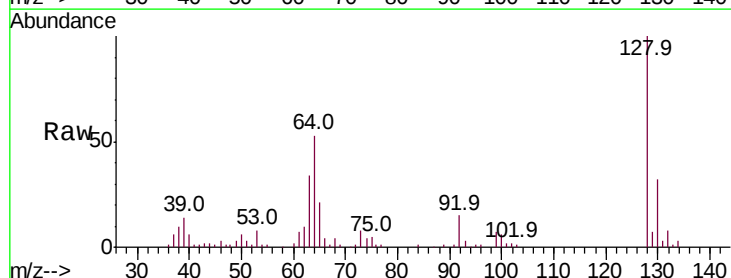
Tgt Ion: 128 Resp: 65884

Ion Ratio Lower Upper

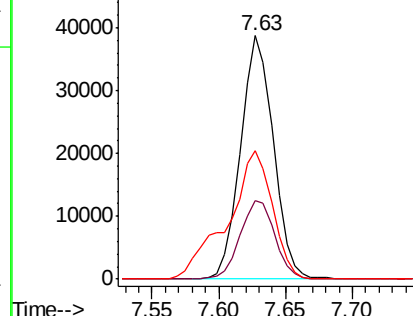
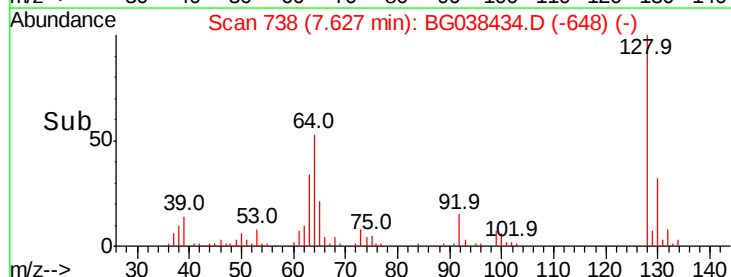
128 100

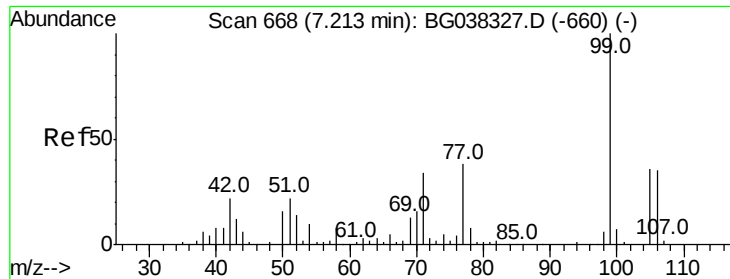
130 32.3 12.0 52.0

64 52.9 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.695 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

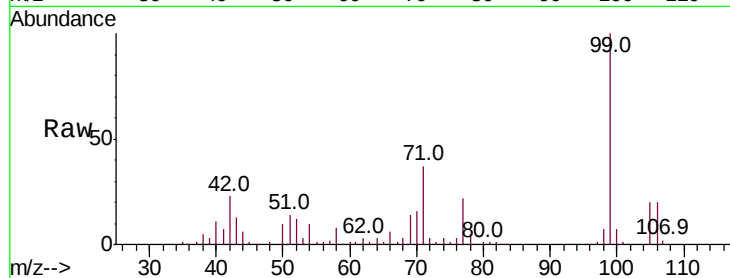
Tot Ion: 77 Resp: 40236

Ion Ratio Lower Upper

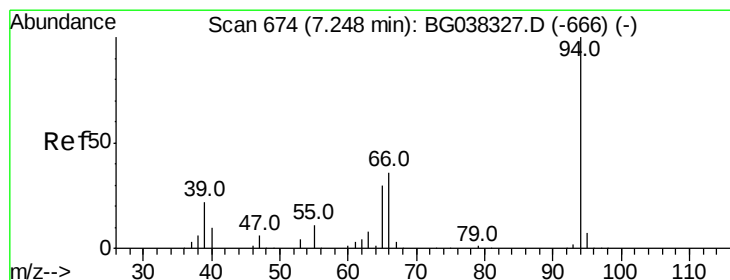
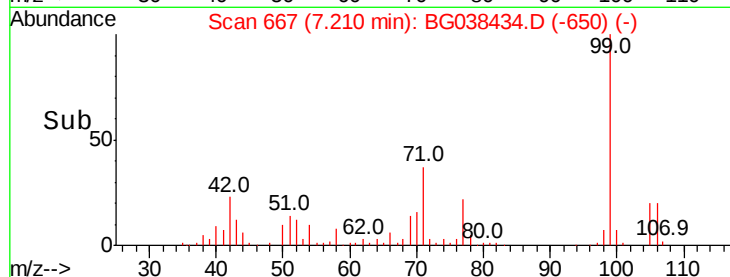
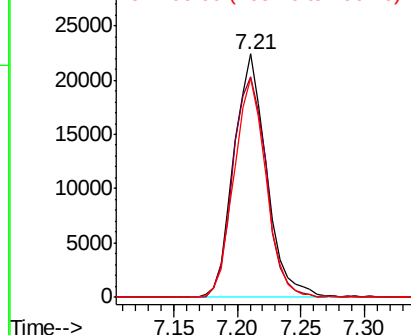
77 100

105 90.5 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: 39.959 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

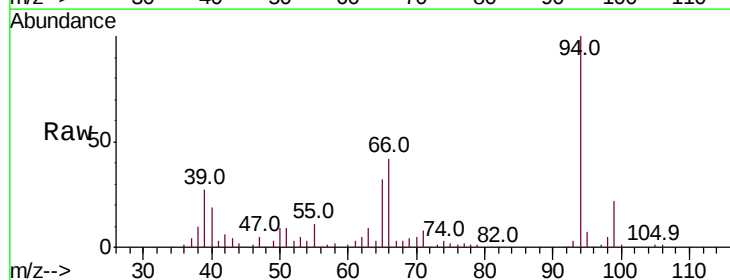
Tgt Ion: 94 Resp: 90340

Ion Ratio Lower Upper

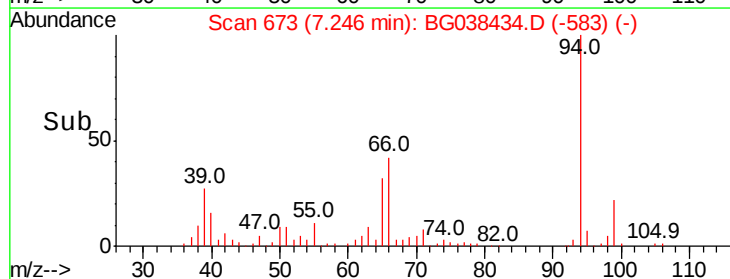
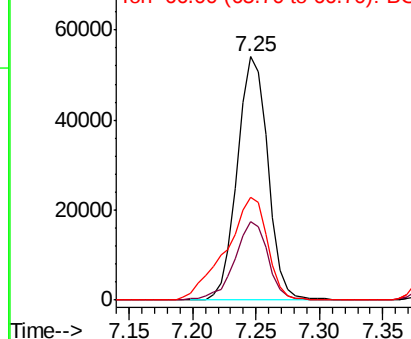
94 100

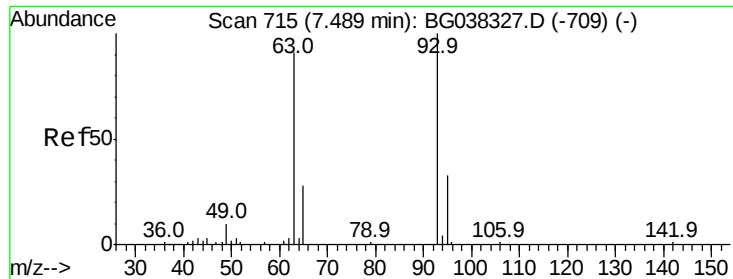
65 32.0 9.7 49.7

66 42.3 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: 31.050 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

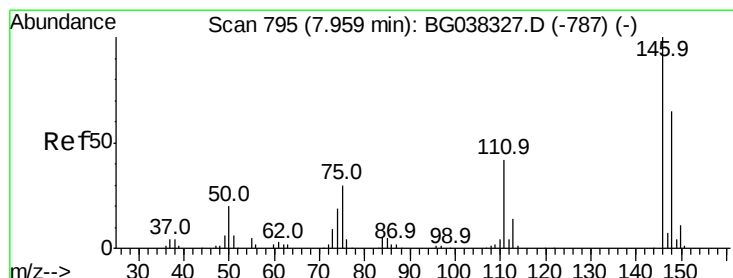
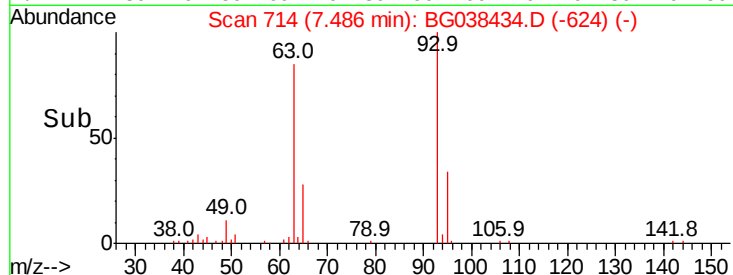
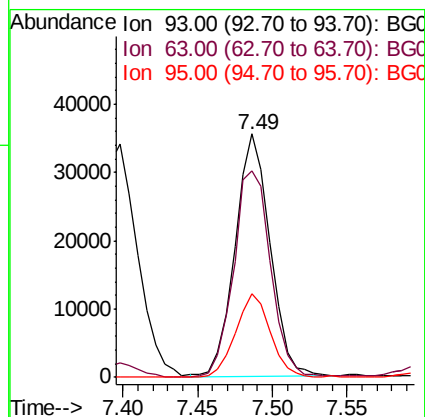
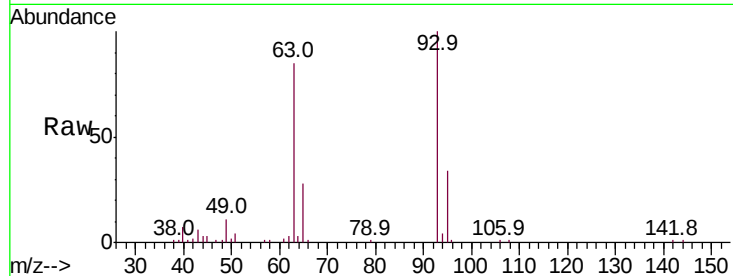
Tot Ion: 93 Resp: 57492

Ion Ratio Lower Upper

93 100

63 84.7 69.5 109.5

95 34.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 31.959 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

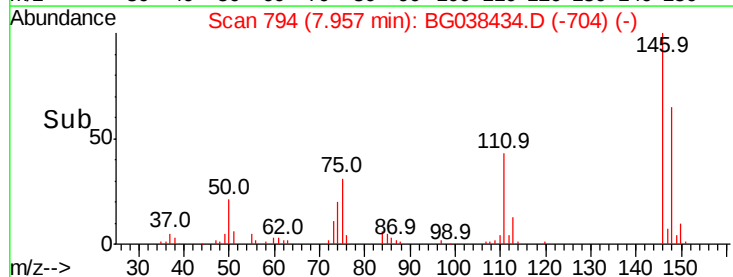
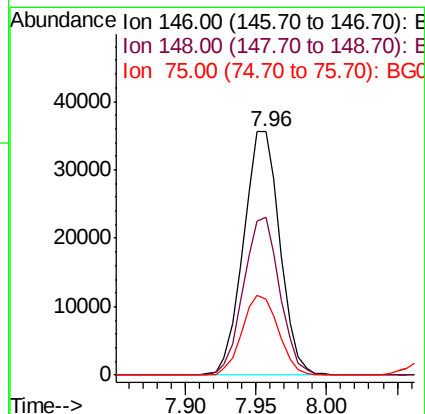
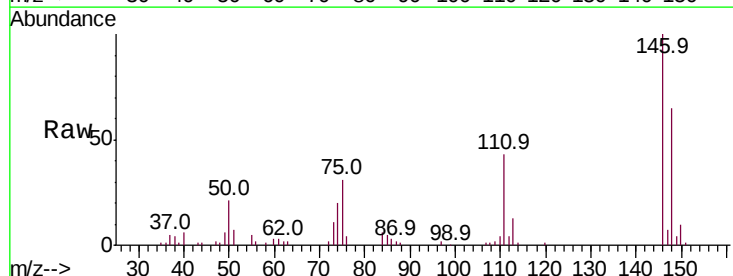
Tgt Ion: 146 Resp: 64224

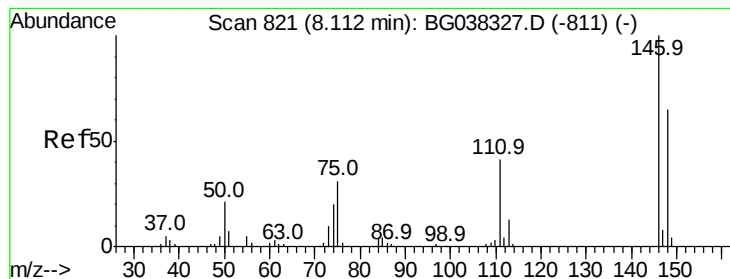
Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.8

75 31.4 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 32.562 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

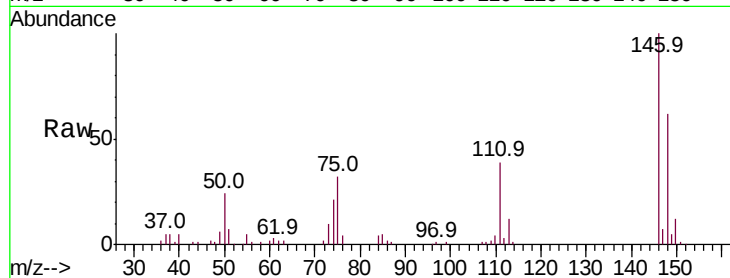
Tot Ion:146 Resp: 67704

Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.6

111 39.4 32.4 48.6

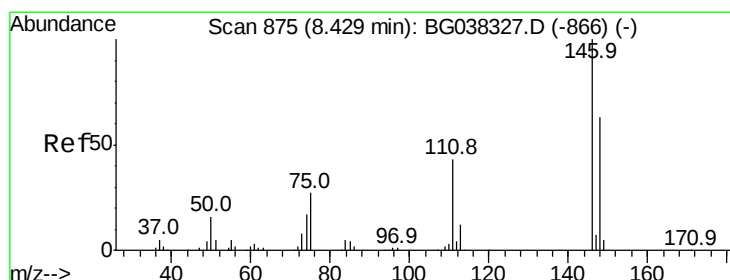
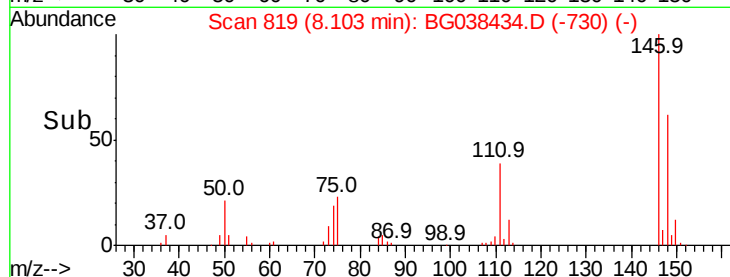
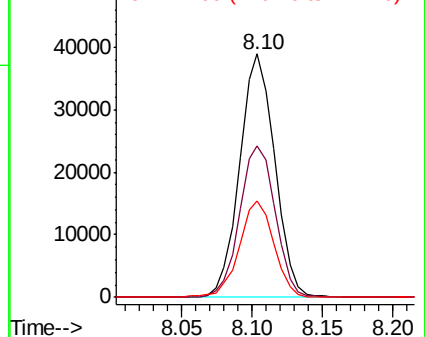


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.178 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

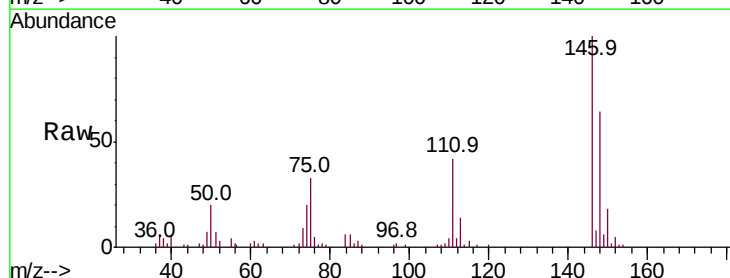
Tgt Ion:146 Resp: 63114

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 42.3 34.6 51.8

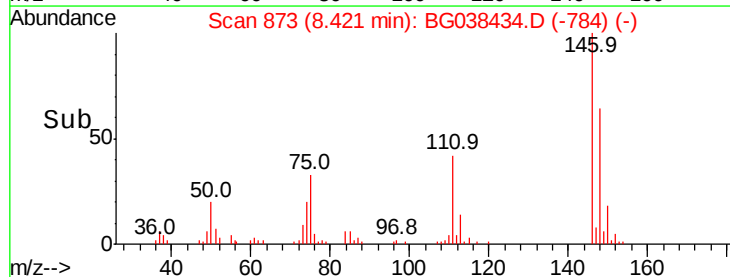
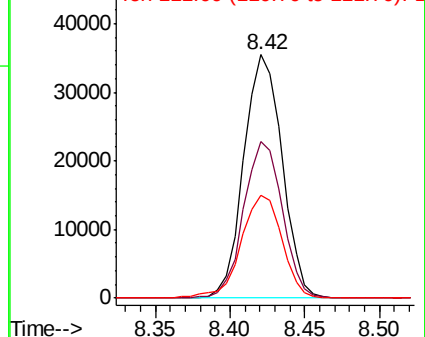


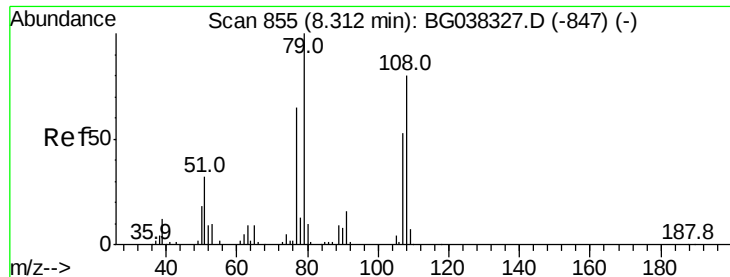
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.839 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

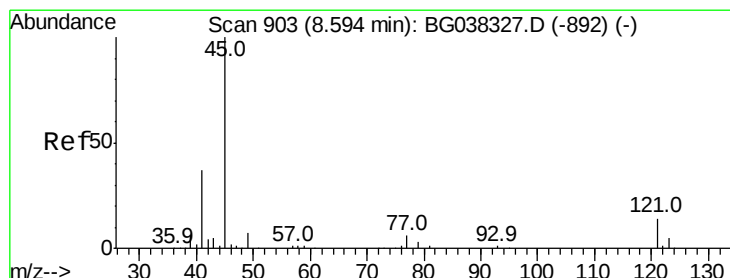
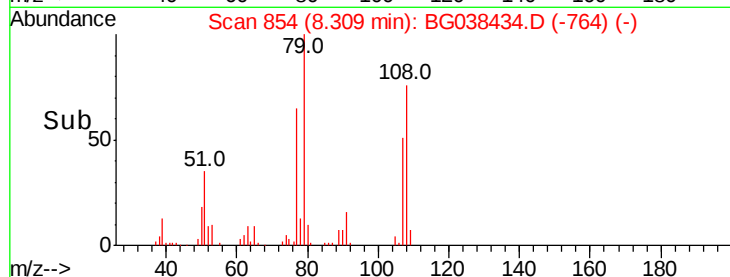
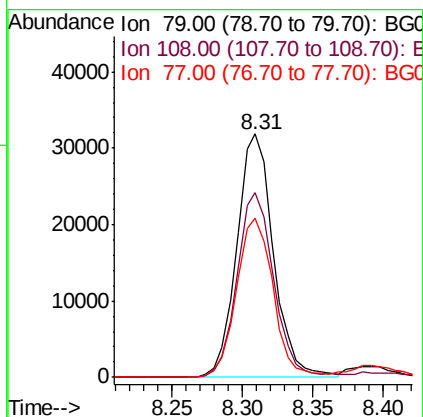
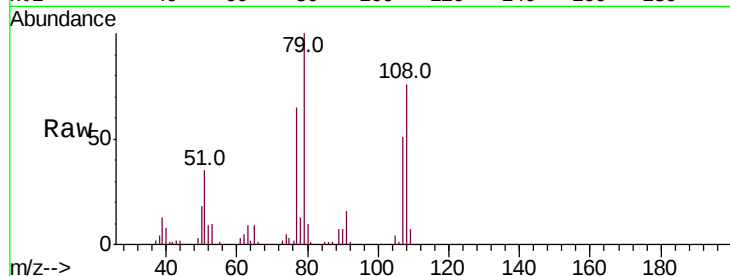
Tot Ion: 79 Resp: 57770

Ion Ratio Lower Upper

79 100

108 76.0 65.8 98.8

77 65.5 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.782 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

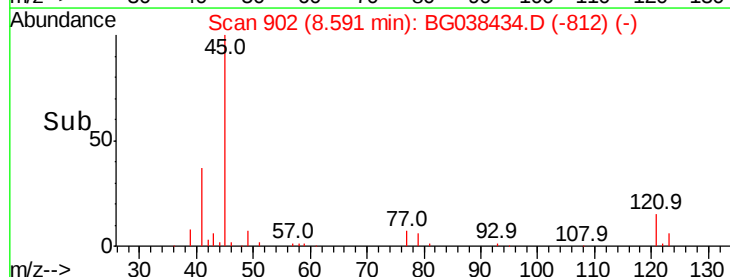
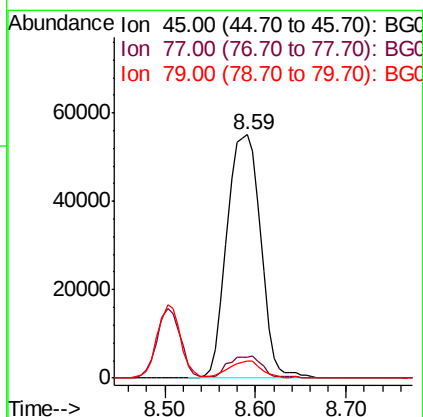
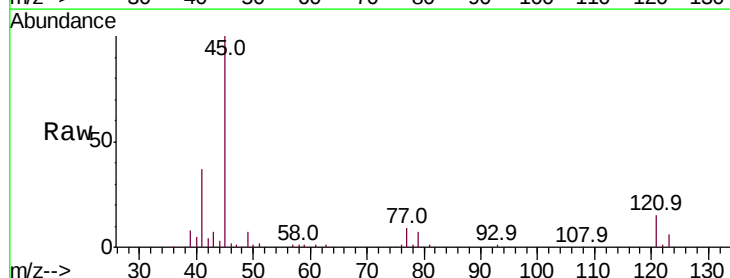
Tgt Ion: 45 Resp: 142276

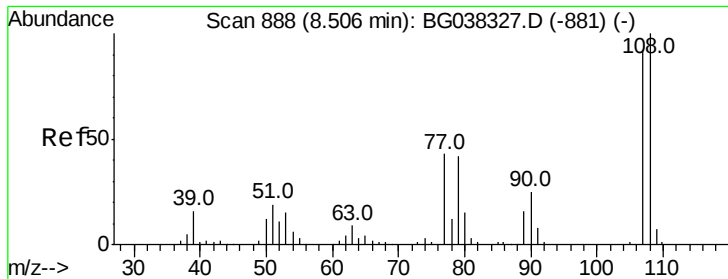
Ion Ratio Lower Upper

45 100

77 8.6 0.0 30.0

79 6.9 0.0 29.0

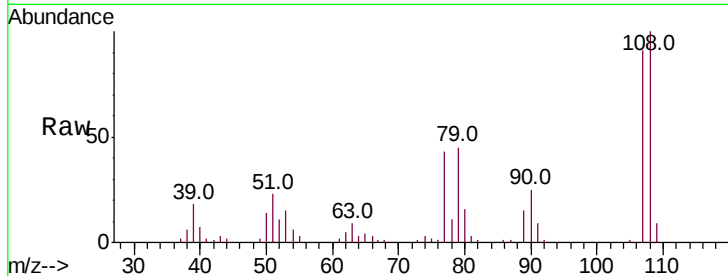




#17
 2-Methylphenol
 Concen: 37.459 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion:	107	Resp:	59887
Ion	Ratio	Lower	Upper
107	100		
108	109.8	87.9	131.9
77	46.7	35.1	52.7
79	49.2	34.5	51.7



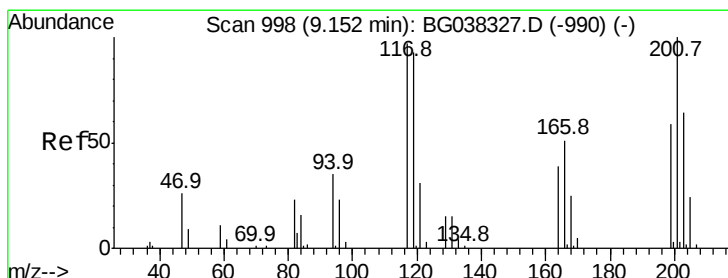
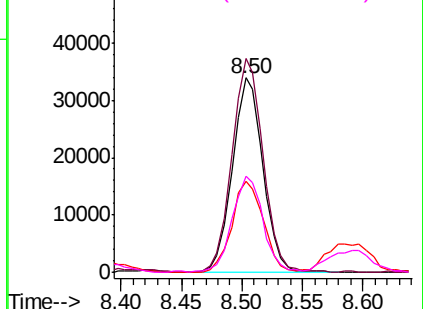
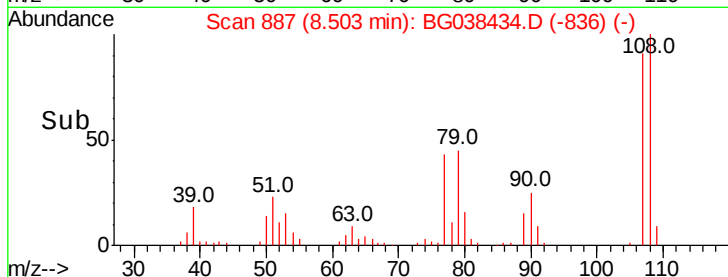
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

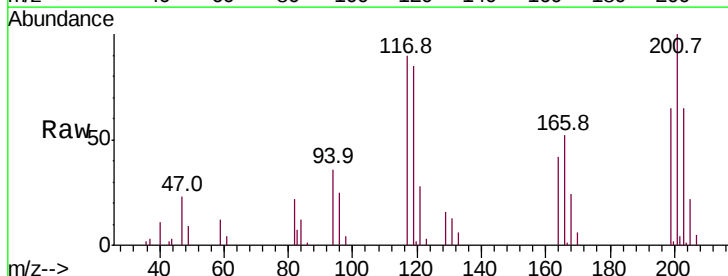
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
 Hexachloroethane
 Concen: 34.174 ng
 RT: 9.15 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:	117	Resp:	25645
Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.6	111.8
201	114.9	80.8	121.2

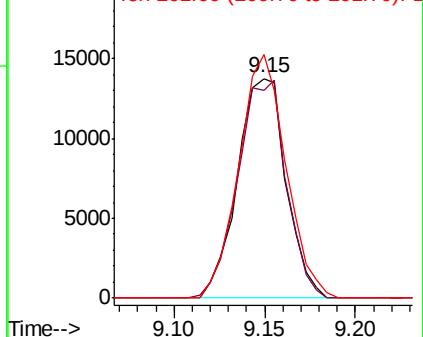
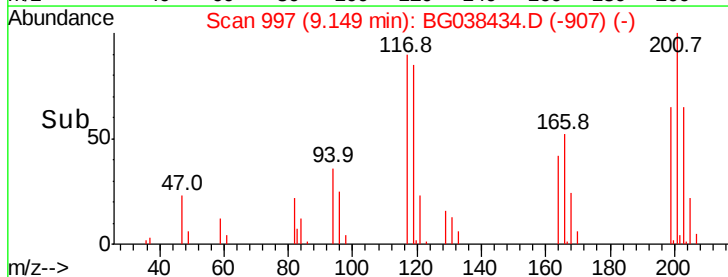


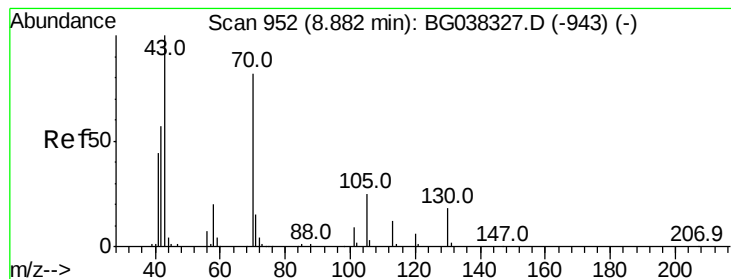
Abundance

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: 33.414 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

Tot Ion: 70 Resp: 52798

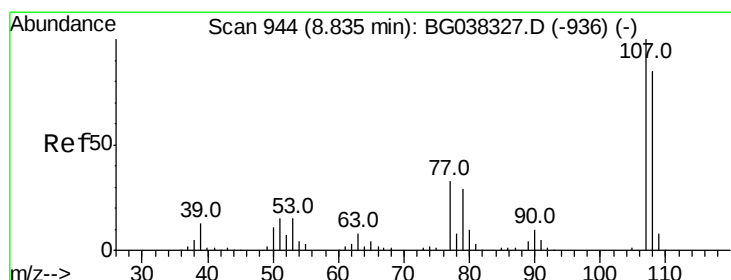
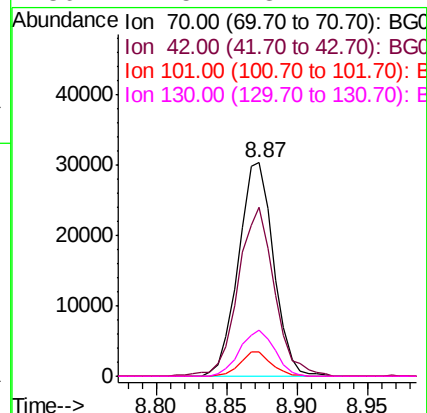
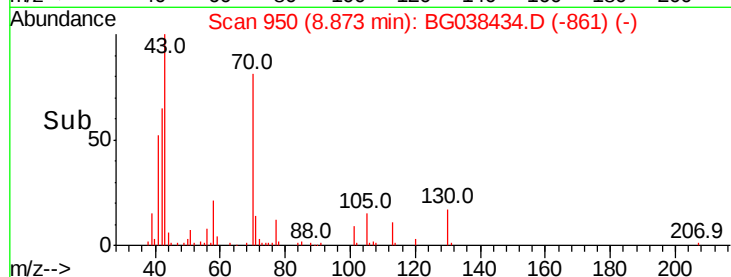
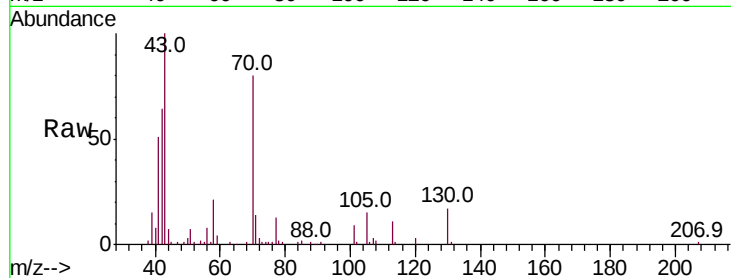
Ion Ratio Lower Upper

70 100

42 79.2 53.9 80.9

101 11.2 8.2 12.2

130 21.5 18.2 27.4



#20

3+4-Methylphenols

Concen: 37.010 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Tgt Ion: 107 Resp: 84296

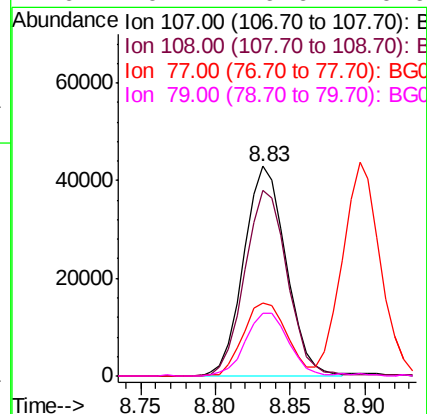
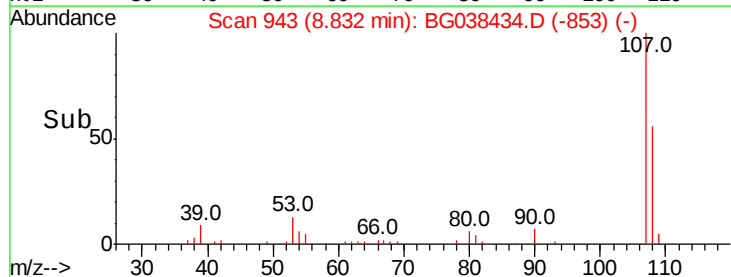
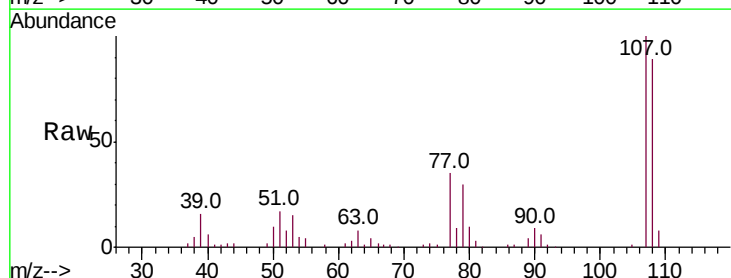
Ion Ratio Lower Upper

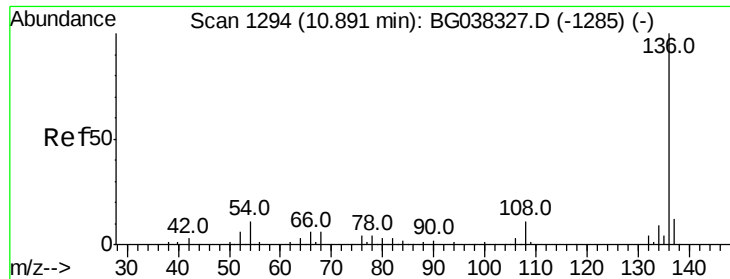
107 100

108 88.8 69.9 109.9

77 34.8 11.2 51.2

79 29.7 6.6 46.6

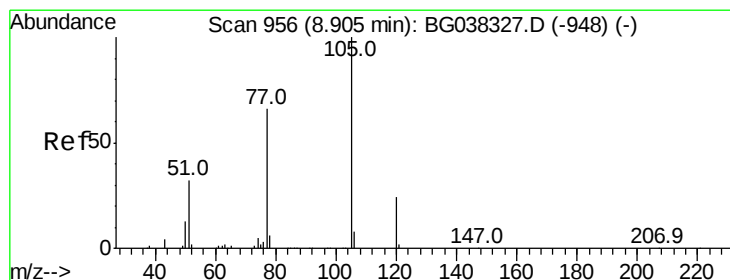
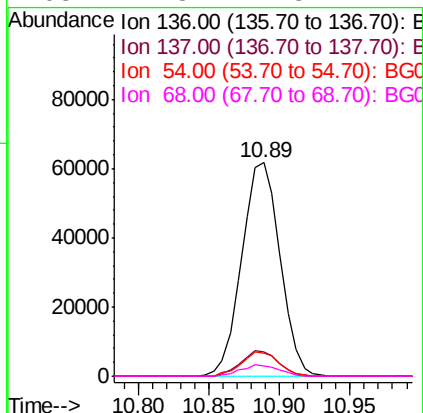
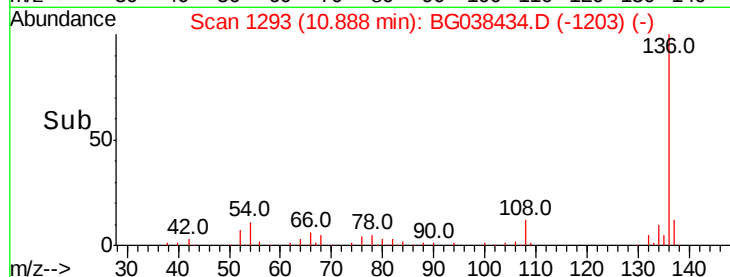
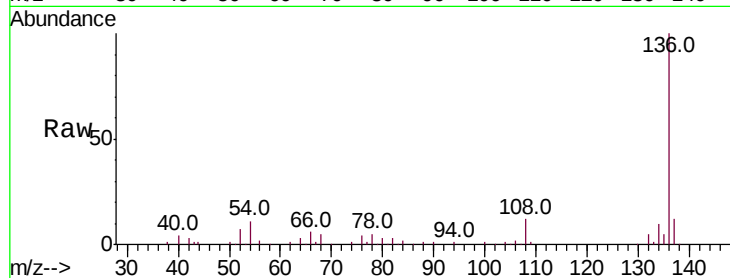




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

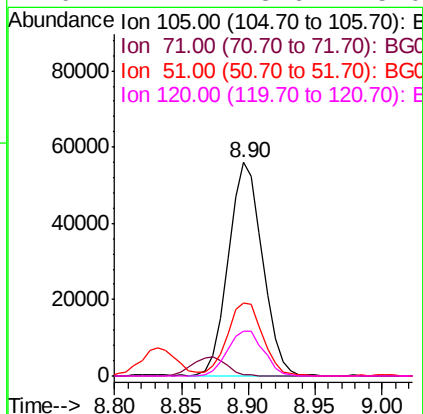
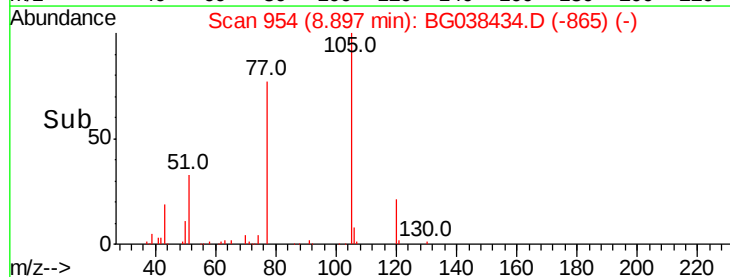
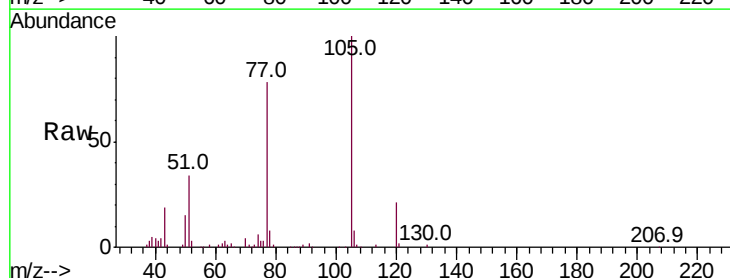
Instrument :
BNA_G
ClientSampleId :
PB115432BS

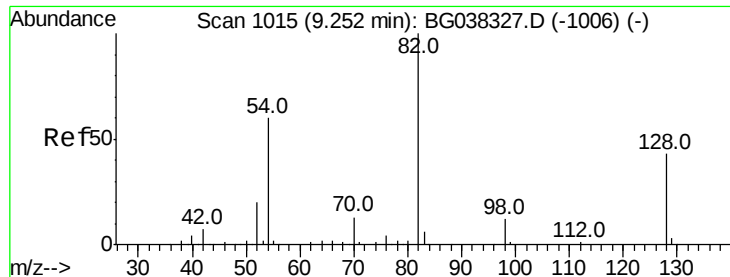
Tot Ion:136	Resp:	117502
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.6 14.4
54	10.8	7.9 11.9
68	4.8	4.8 7.2#



#22
Acetophenone
Concen: 34.928 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion:105	Resp:	100001
Ion	Ratio	Lower Upper
105	100	
71	0.7	1.2 1.8#
51	34.2	25.0 37.6
120	21.2	18.6 28.0

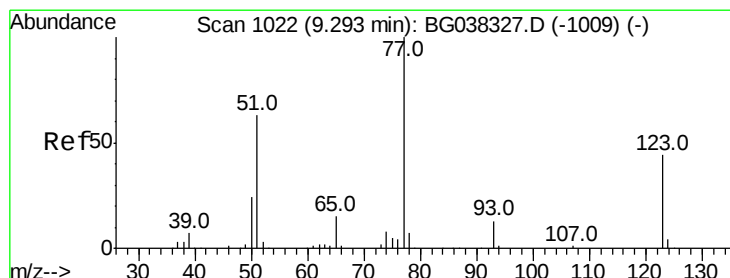
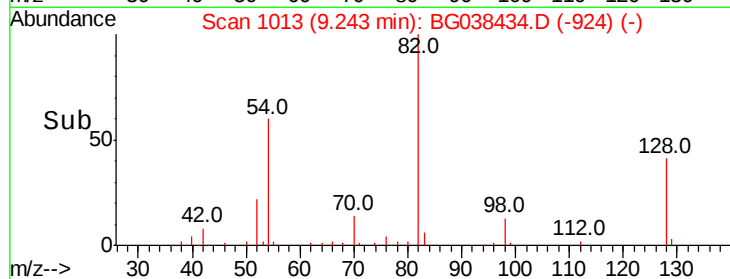
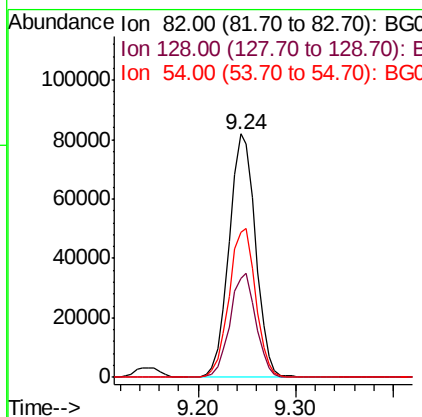
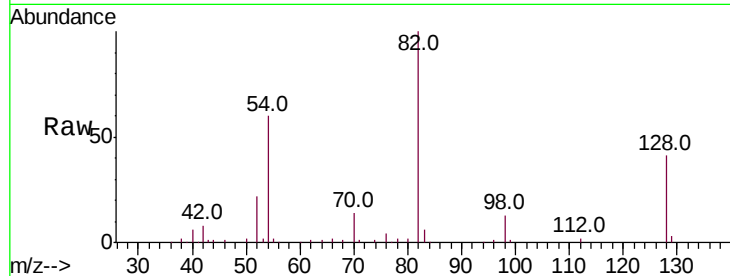




#23
 Nitrobenzene-d5
 Concen: 65.080 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

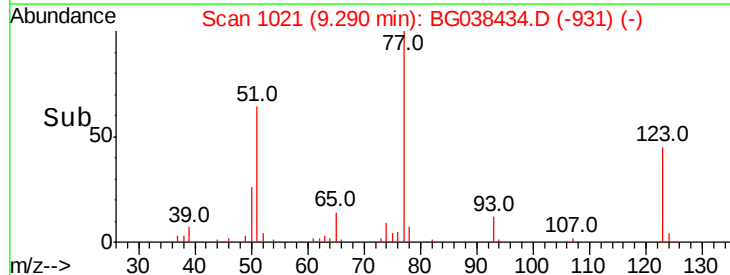
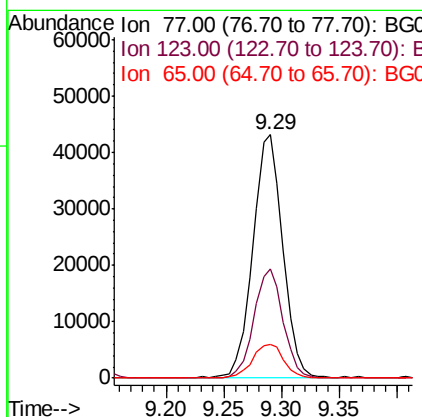
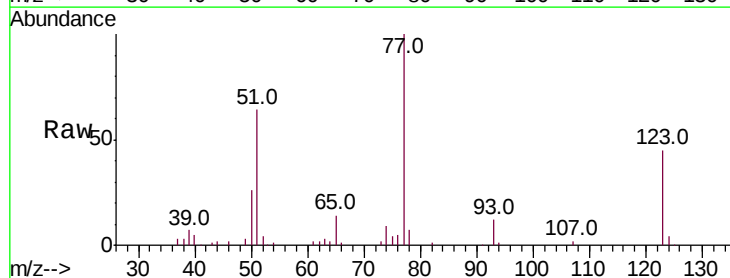
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

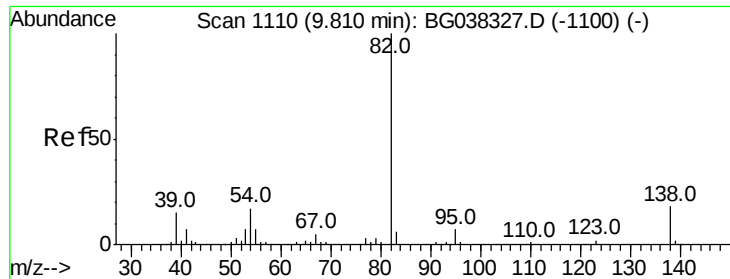
Tot Ion:	82	Resp:	154025
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	51.8
54	59.7	45.3	67.9



#24
 Nitrobenzene
 Concen: 32.471 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:	77	Resp:	78077
Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.6	50.4
65	13.9	11.3	16.9





#25

Isophorone

Concen: 34.824 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

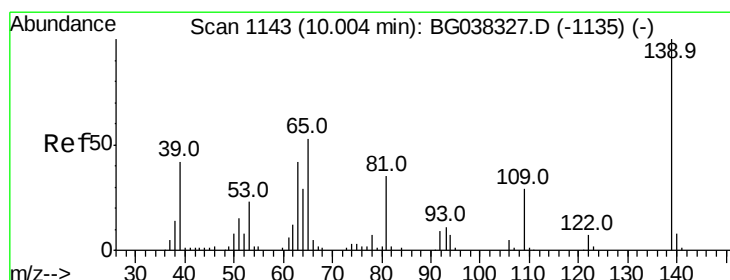
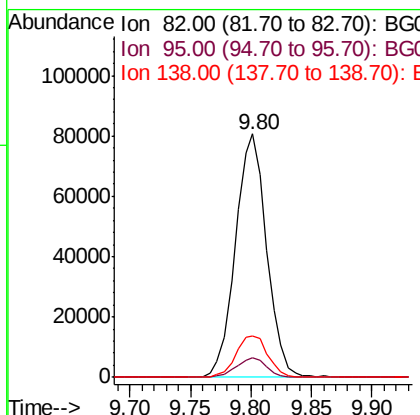
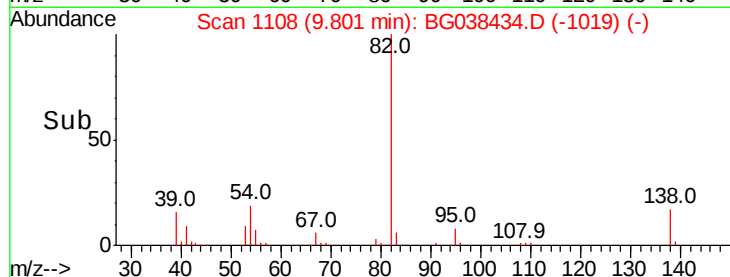
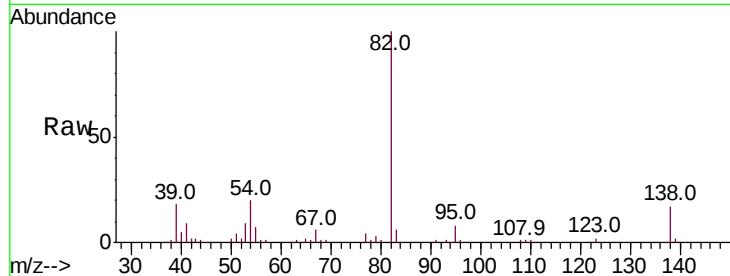
Tot Ion: 82 Resp: 144839

Ion Ratio Lower Upper

82 100

95 7.9 5.3 7.9#

138 16.9 13.3 19.9



#26

2-Nitrophenol

Concen: 34.506 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

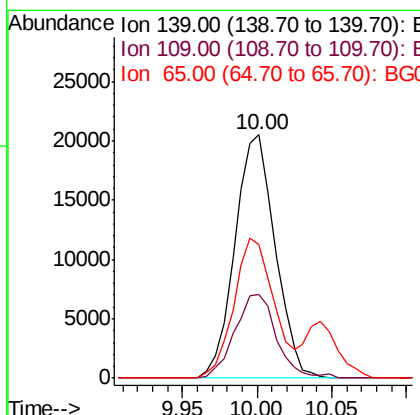
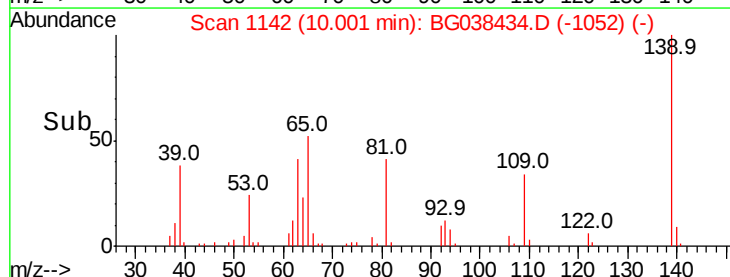
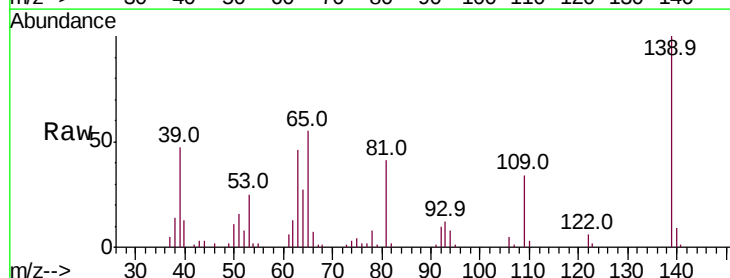
Tgt Ion:139 Resp: 38444

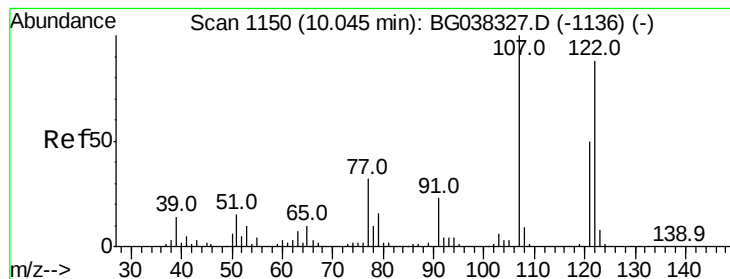
Ion Ratio Lower Upper

139 100

109 34.1 23.3 34.9

65 54.8 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 41.441 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

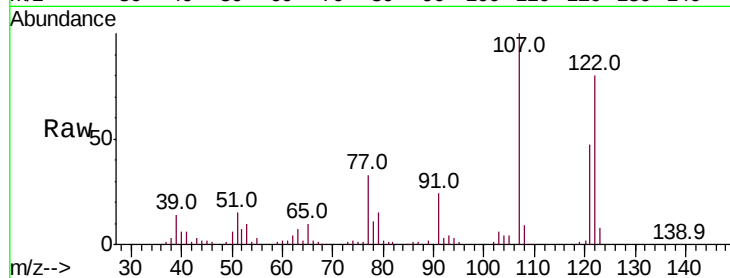
Tot Ion:122 Resp: 66316

Ion Ratio Lower Upper

122 100

107 124.3 94.2 141.2

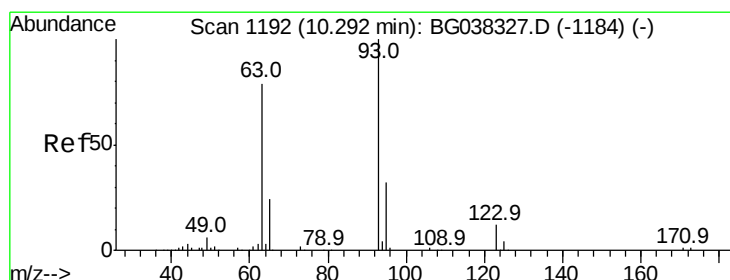
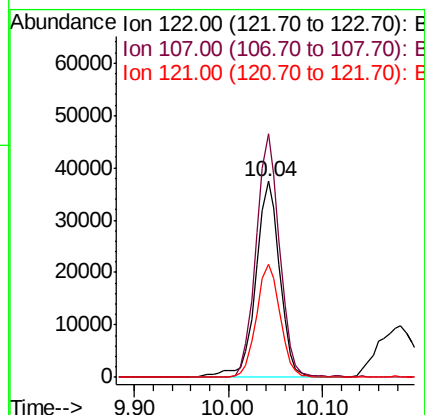
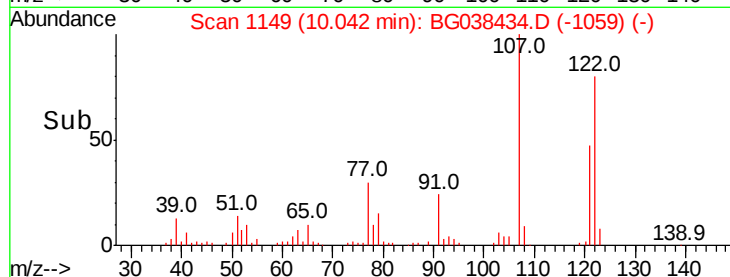
121 57.9 47.3 70.9



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: 38.322 ng

RT: 10.28 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

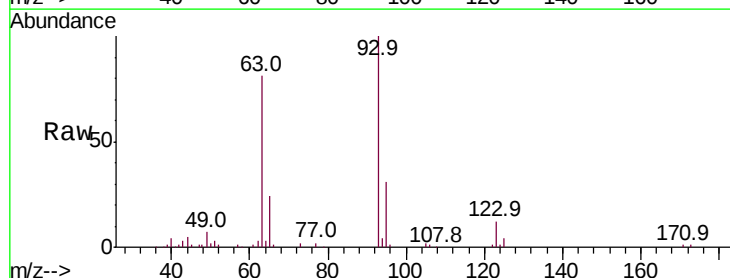
Tgt Ion: 93 Resp: 91372

Ion Ratio Lower Upper

93 100

95 31.2 24.6 37.0

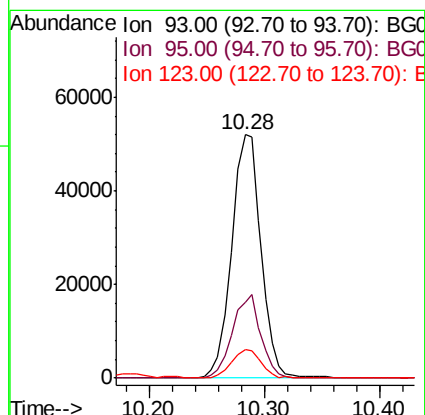
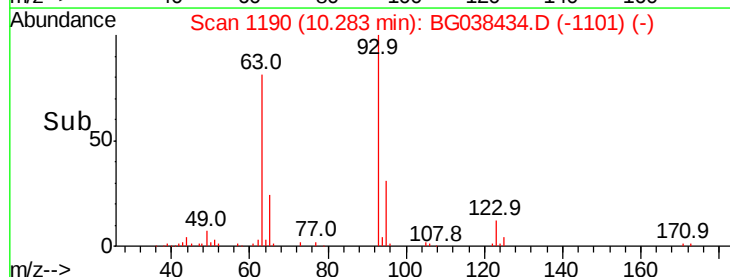
123 11.7 9.1 13.7

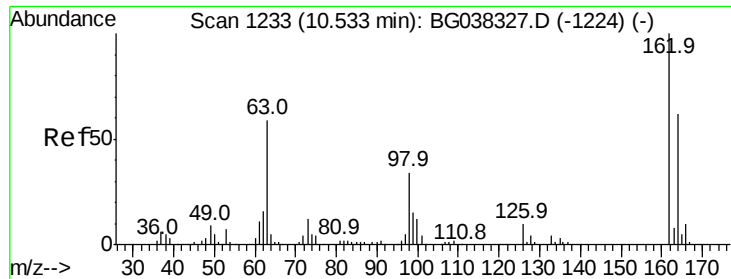


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

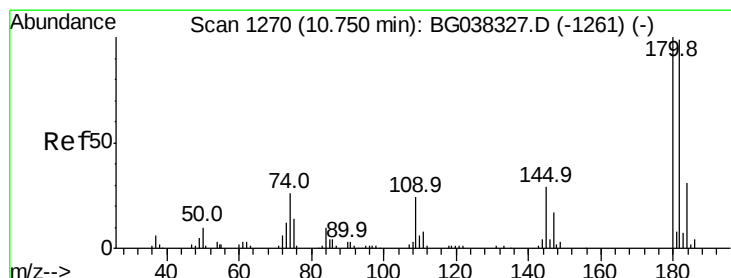
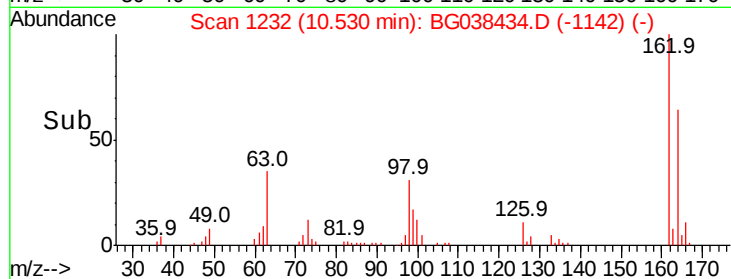
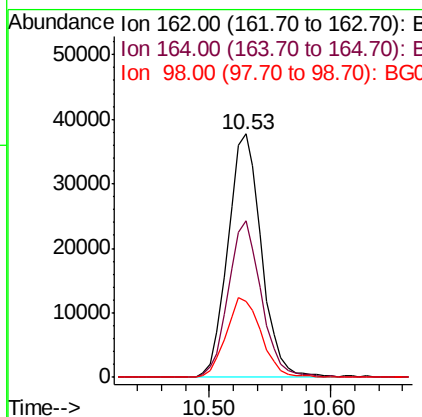
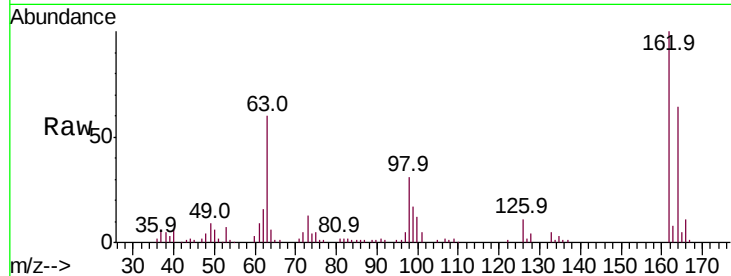




#29
 2,4-Dichlorophenol
 Concen: 39.732 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

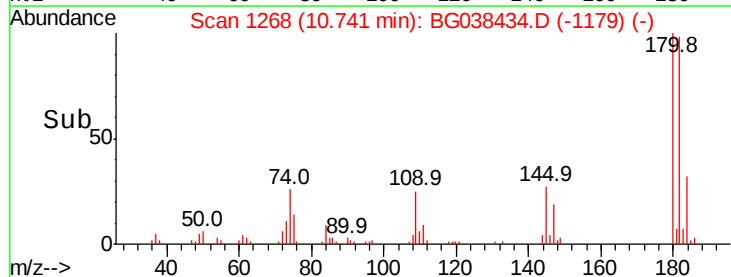
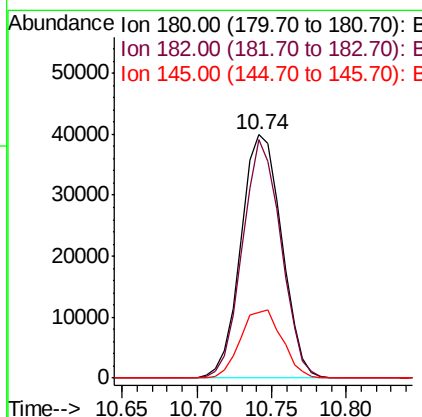
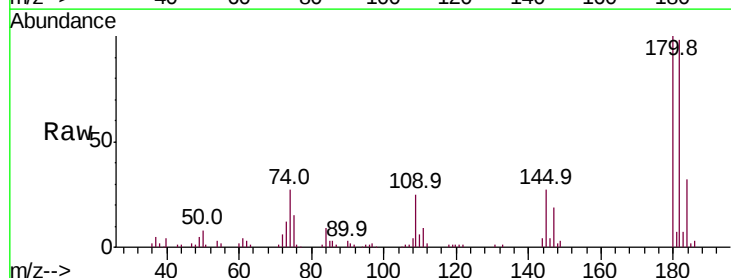
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

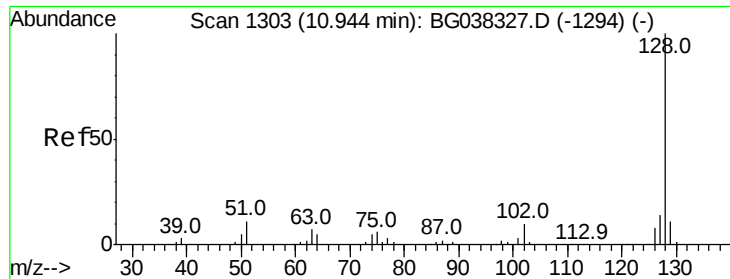
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.2	83.2
98	31.2	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 35.345 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.7	116.5
145	27.0	23.3	34.9

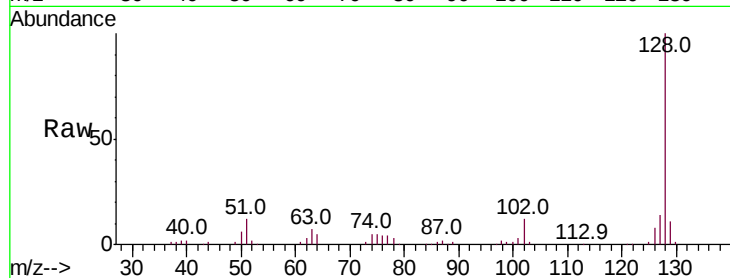




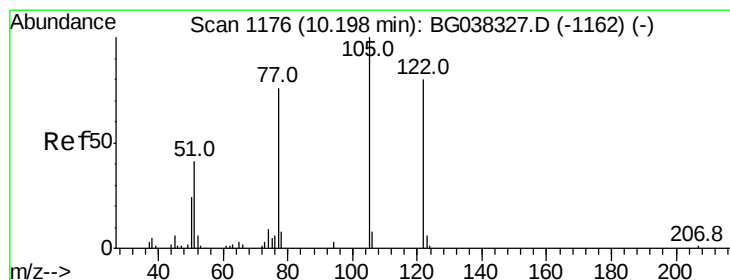
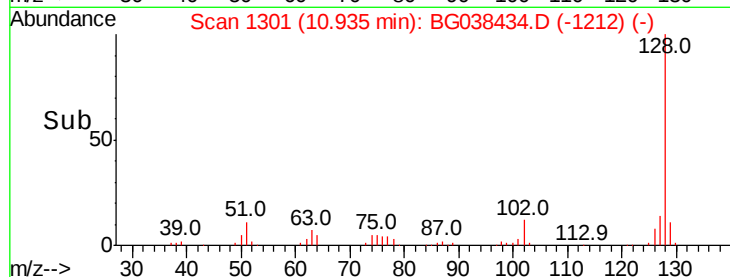
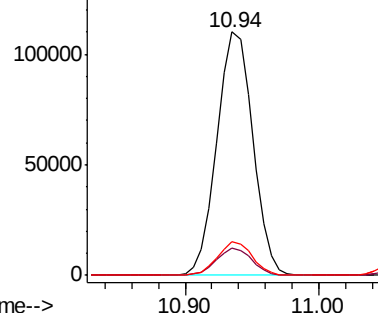
#31
Naphthalene
Concen: 36.382 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tot Ion:128 Resp: 204202
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.1 11.1 16.7

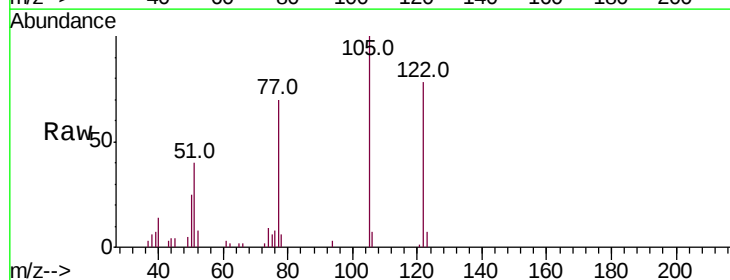


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

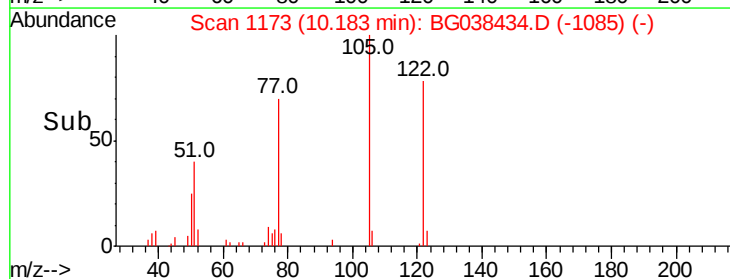
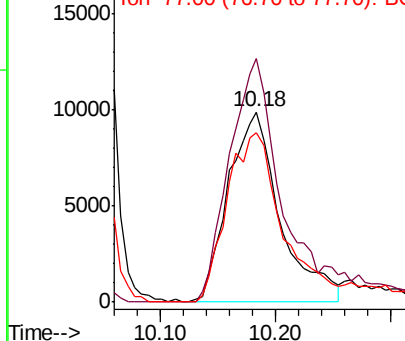


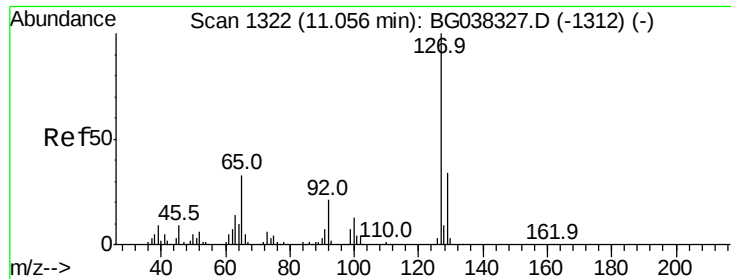
#32
Benzoic acid
Concen: 29.166 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion:122 Resp: 30781
Ion Ratio Lower Upper
122 100
105 128.2 106.7 146.7
77 89.5 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
15000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

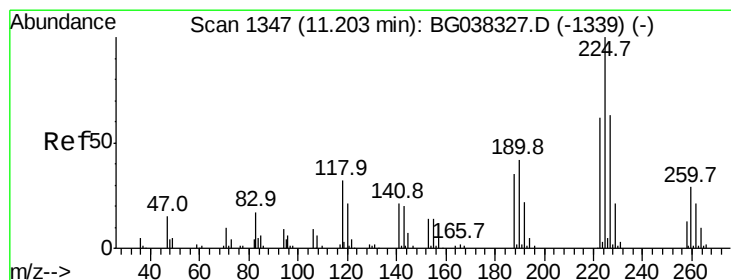
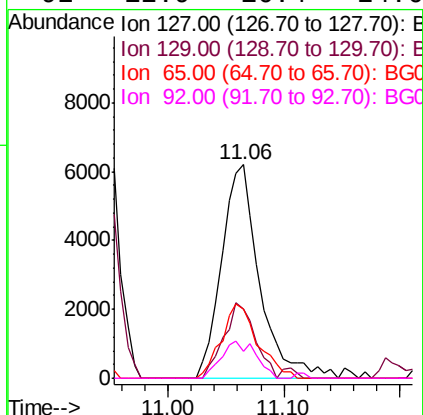
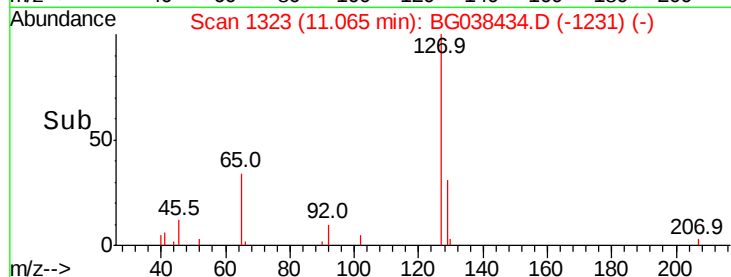
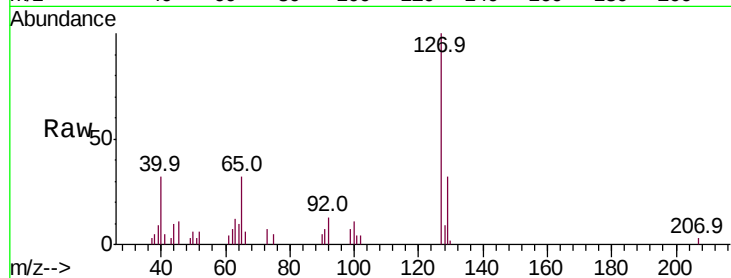




#33
4-Chloroaniline
Concen: 5.675 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

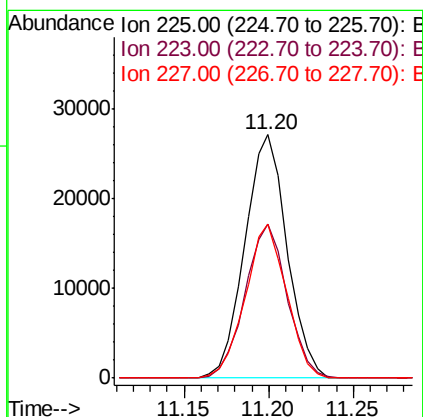
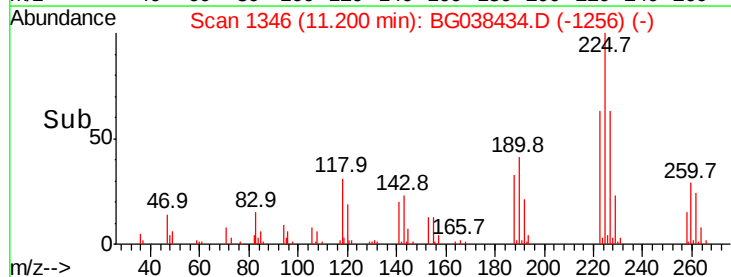
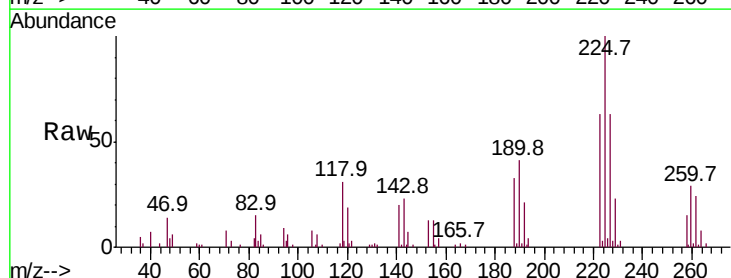
Instrument :
BNA_G
ClientSampleId :
PB115432BS

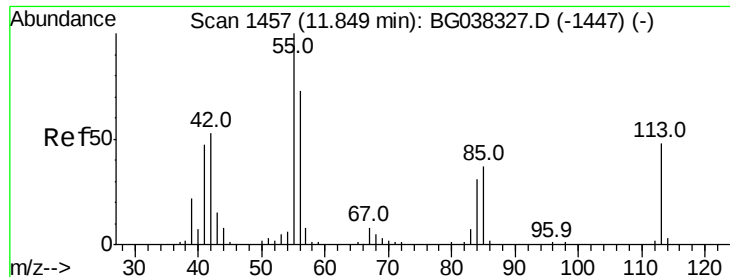
Tot Ion:127 Resp: 14100
Ion Ratio Lower Upper
127 100
129 32.1 27.1 40.7
65 32.2 26.6 39.8
92 12.9 16.4 24.6#



#34
Hexachlorobutadiene
Concen: 35.034 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion:225 Resp: 46999
Ion Ratio Lower Upper
225 100
223 66.4 48.2 72.4
227 66.8 51.6 77.4





#35

Caprolactam

Concen: 36.196 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

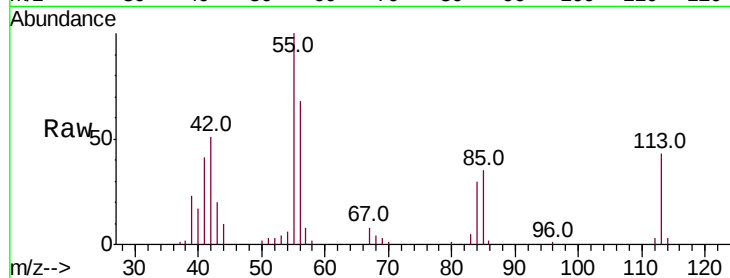
Tot Ion:113 Resp: 27343

Ion Ratio Lower Upper

113 100

55 230.2 176.6 216.6#

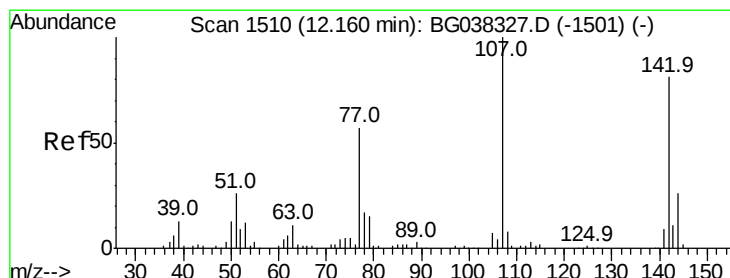
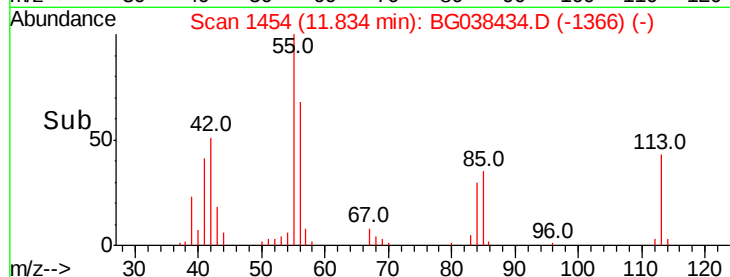
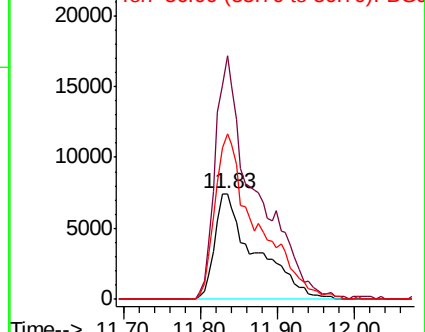
56 156.7 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.718 ng

RT: 12.16 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

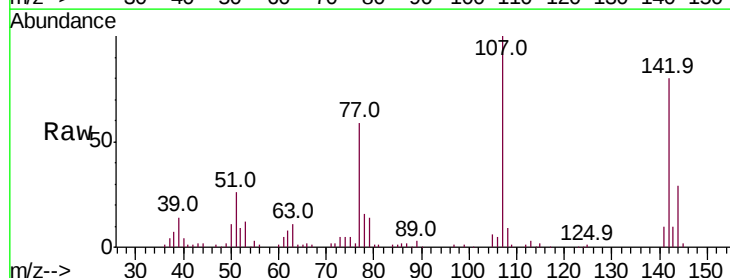
Tgt Ion:107 Resp: 82641

Ion Ratio Lower Upper

107 100

144 29.2 20.7 31.1

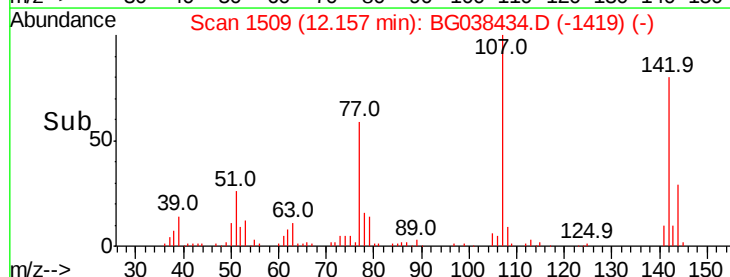
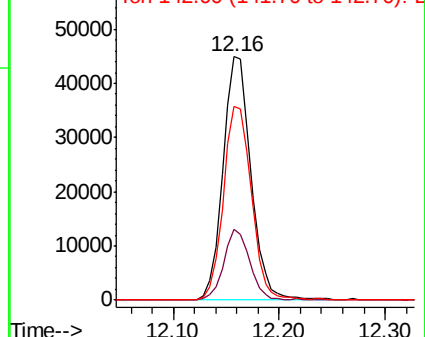
142 79.5 64.4 96.6

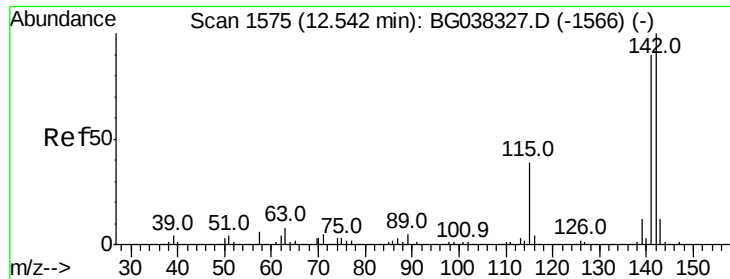


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

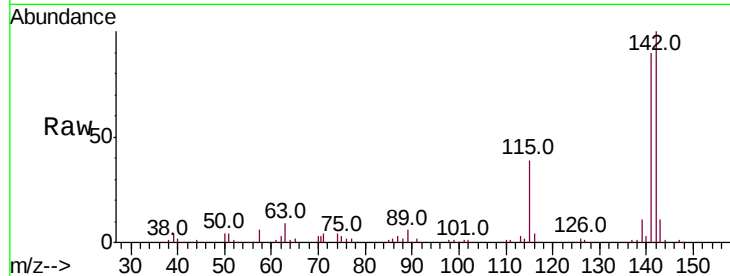




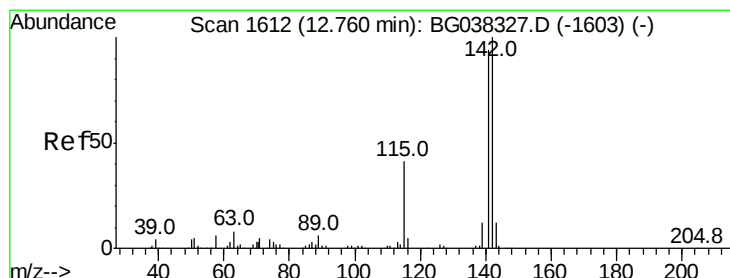
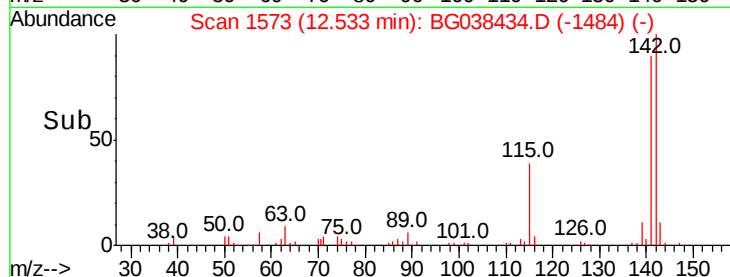
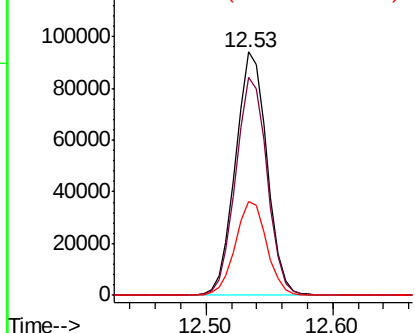
#37
 2-Methylnaphthalene
 Concen: 40.453 ng
 RT: 12.53 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion:142 Resp: 161698
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.9 107.9
 115 38.7 27.8 41.8

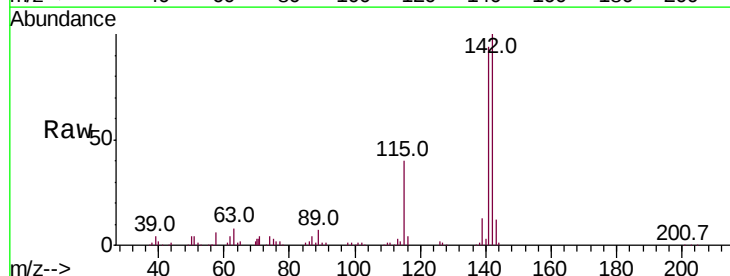


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

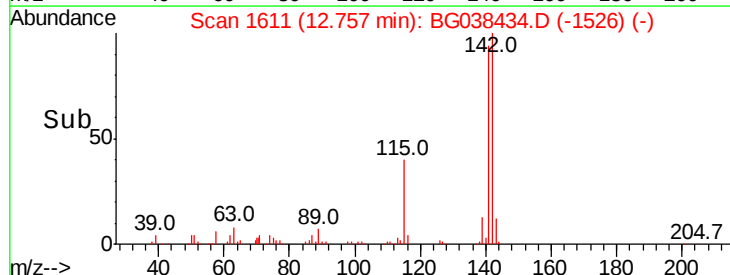
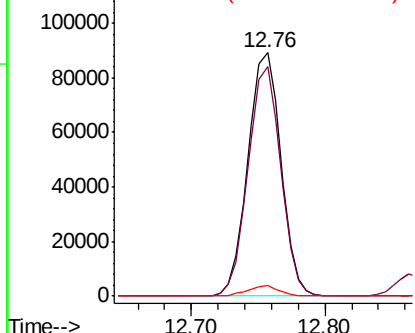


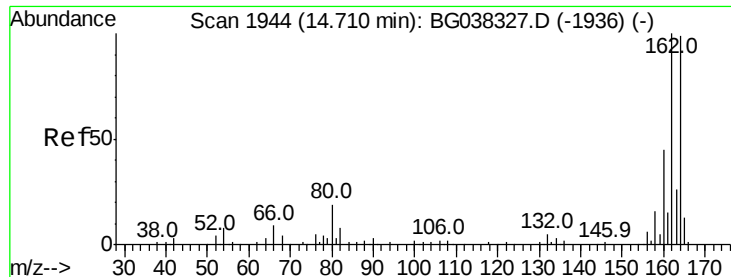
#38
 1-Methylnaphthalene
 Concen: 39.762 ng
 RT: 12.76 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:142 Resp: 152224
 Ion Ratio Lower Upper
 142 100
 141 94.1 75.2 112.8
 116 4.3 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: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

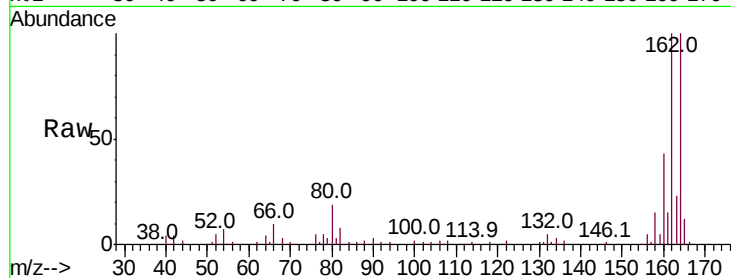
Tot Ion:164 Resp: 76772

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

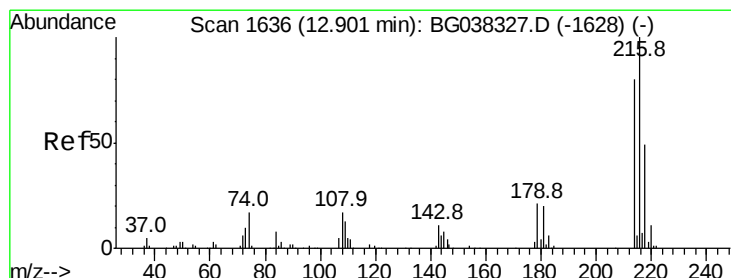
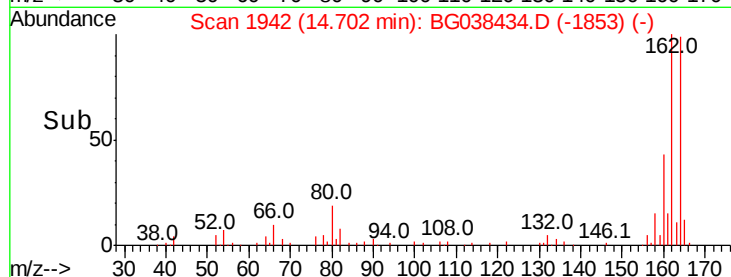
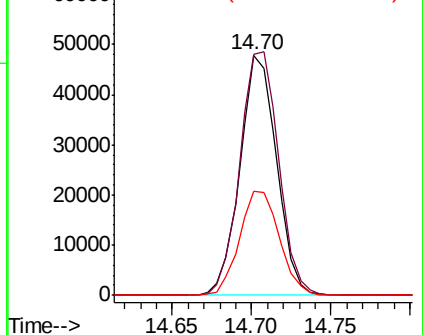
160 43.5 36.3 54.5



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: 34.272 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Tgt Ion:216 Resp: 90536

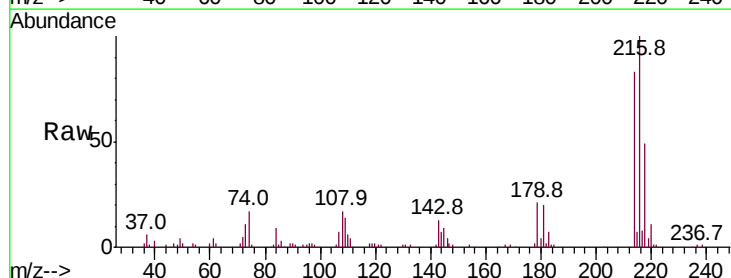
Ion Ratio Lower Upper

216 100

214 77.9 63.8 95.6

179 21.1 17.4 26.0

108 20.0 13.9 20.9

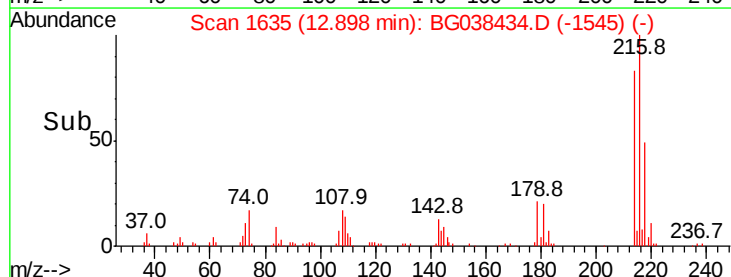
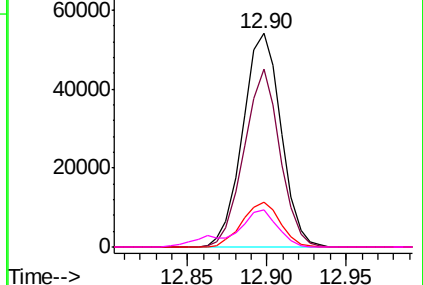


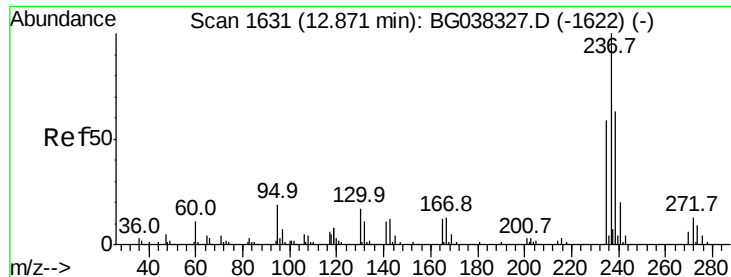
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.884 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

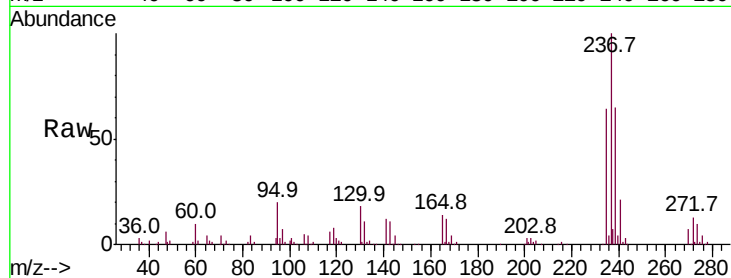
Tot Ion:237 Resp: 114518

Ion Ratio Lower Upper

237 100

235 64.5 42.5 82.5

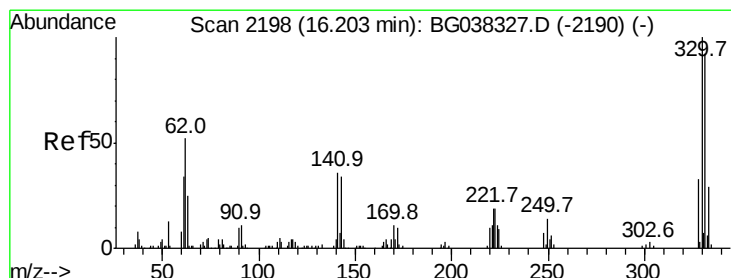
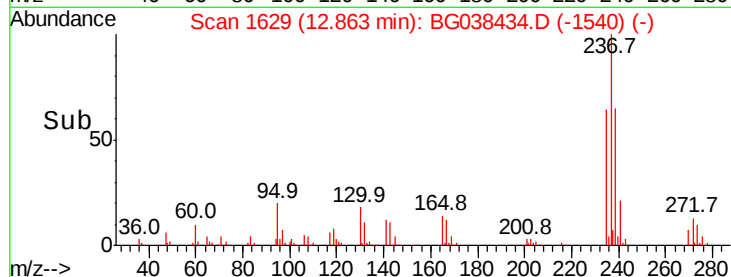
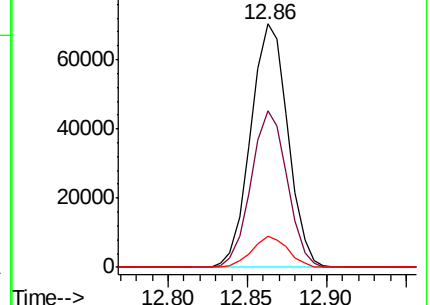
272 13.0 0.0 31.6



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: 116.634 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

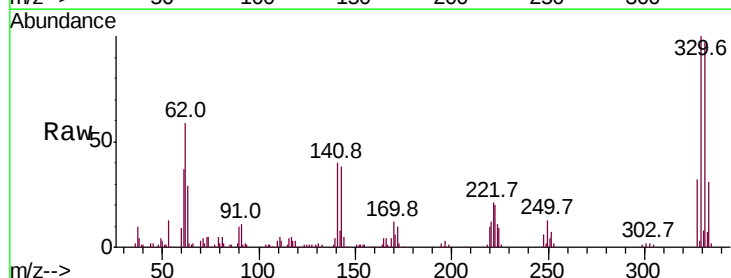
Tgt Ion:330 Resp: 109924

Ion Ratio Lower Upper

330 100

332 98.3 78.4 117.6

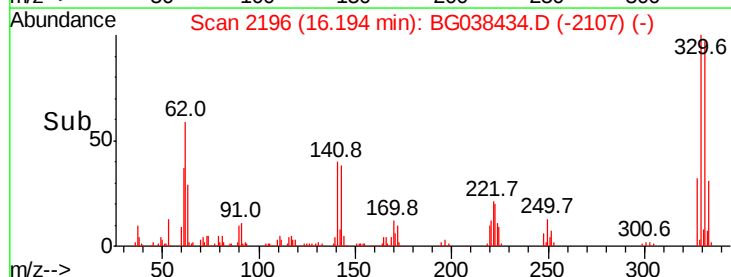
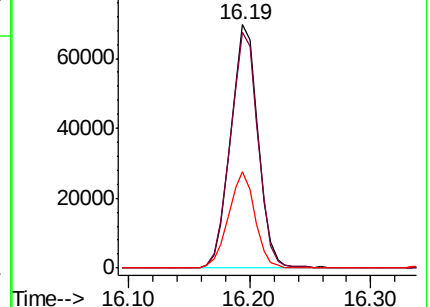
141 38.3 32.2 48.2

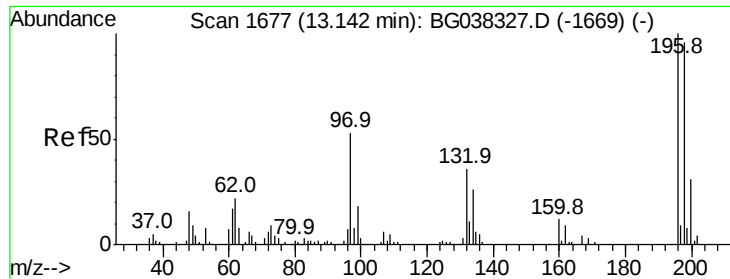


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

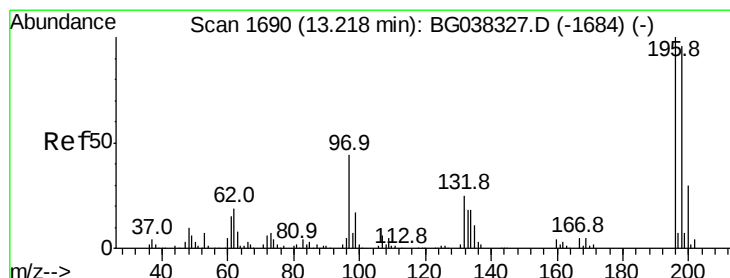
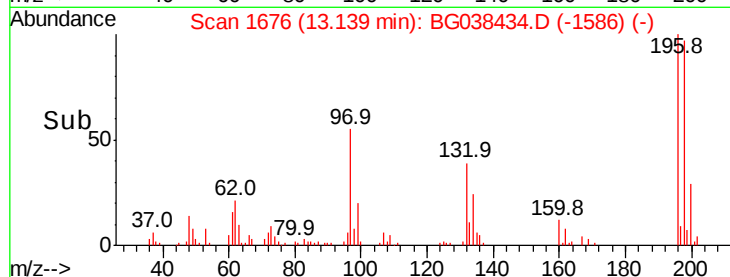
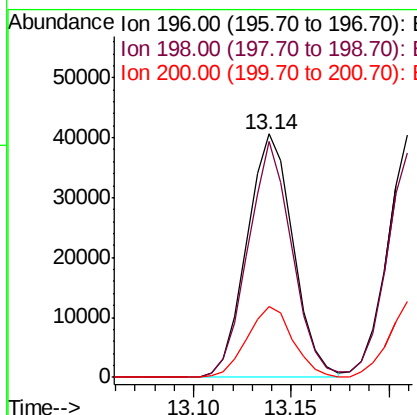
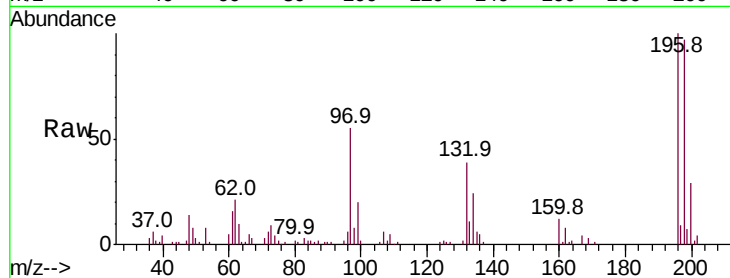




#43
 2,4,6-Trichlorophenol
 Concen: 38.823 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

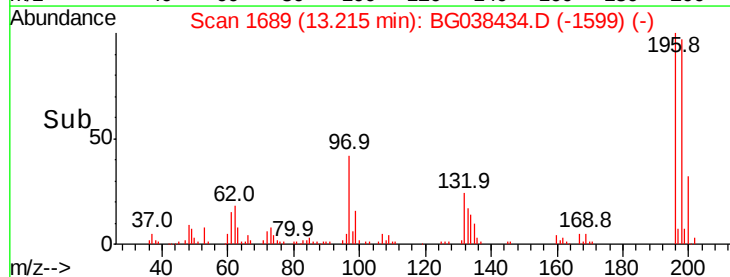
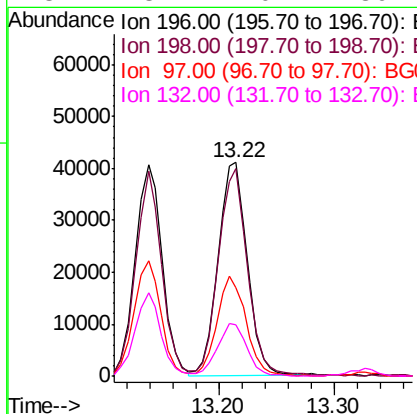
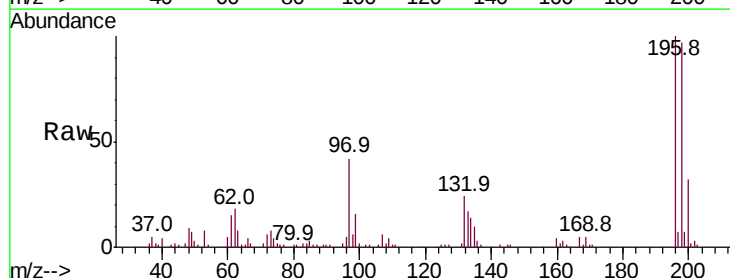
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

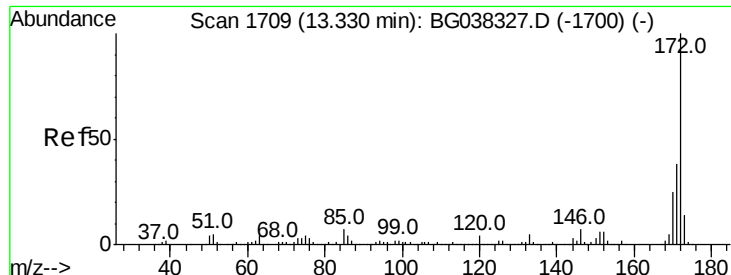
Tot Ion:196 Resp: 66436
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.4 114.6
 200 28.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.650 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:196 Resp: 71881
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.2 111.2
 97 41.6 34.1 51.1
 132 23.7 20.2 30.4



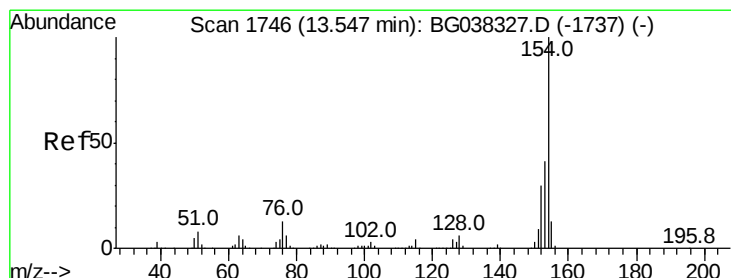
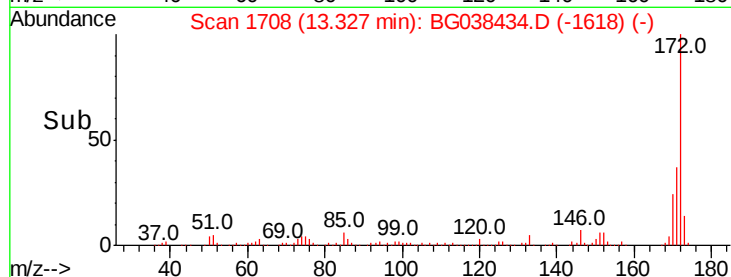
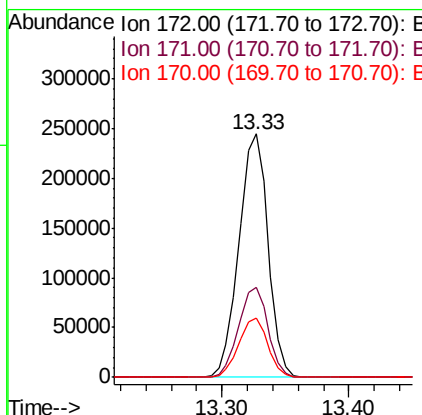
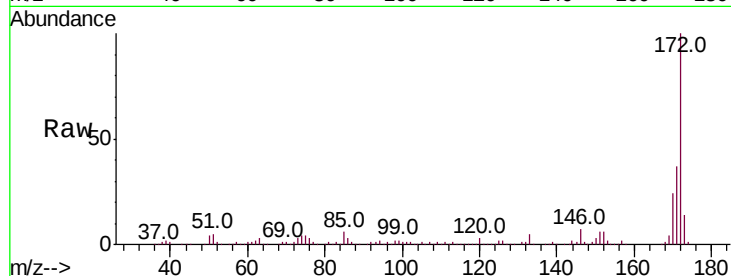


#45
 2-Fluorobiphenyl
 Concen: 71.868 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion:172 Resp: 387211

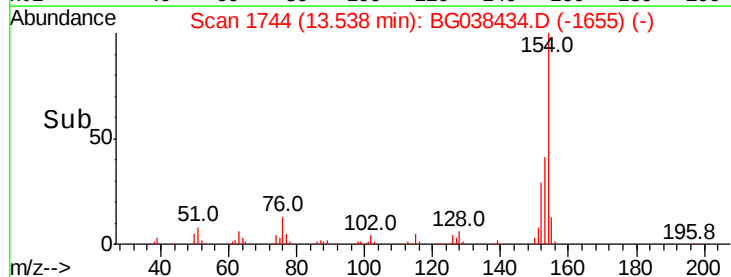
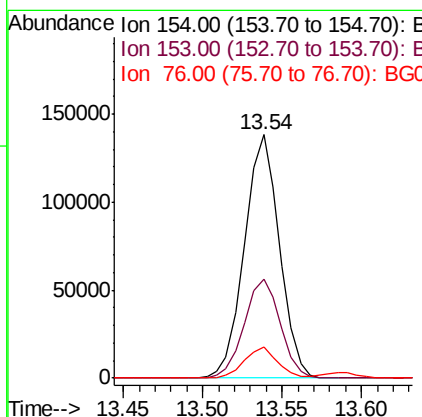
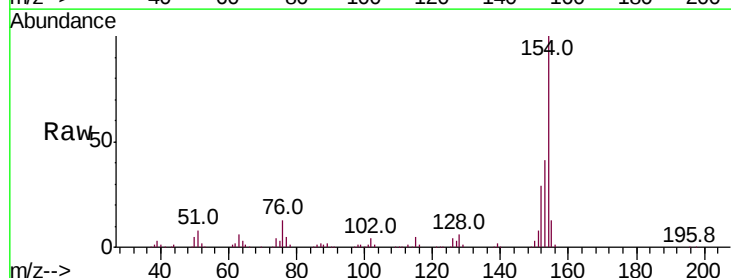
Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.1	20.2	30.2

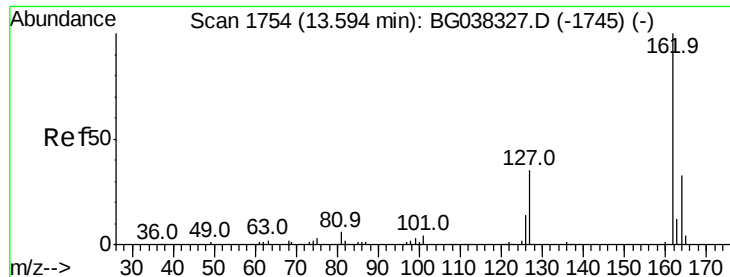


#46
 1,1'-Biphenyl
 Concen: 32.551 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:154 Resp: 211241

Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.1	62.1
76	12.5	0.0	33.2

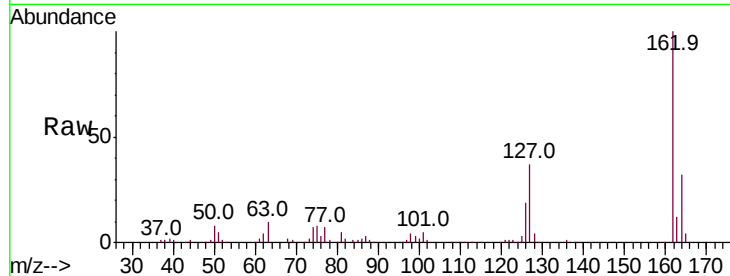




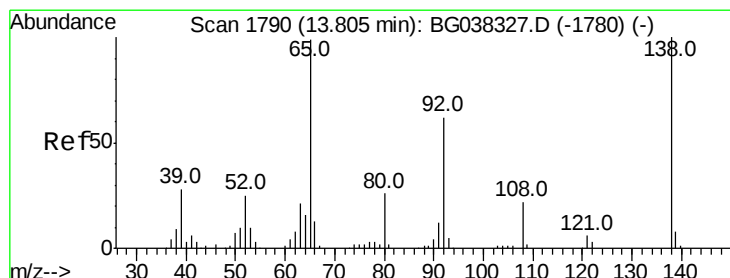
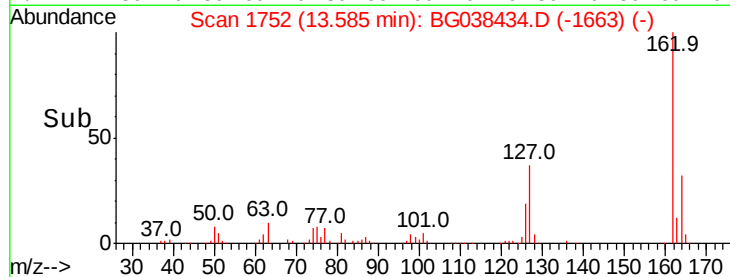
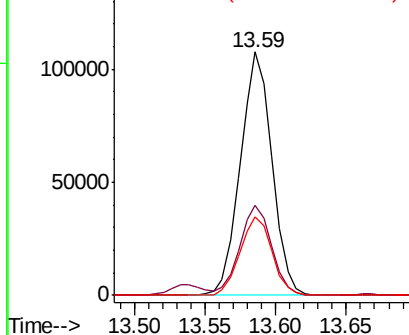
#47
 2-Chloronaphthalene
 Concen: 34.382 ng
 RT: 13.59 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	32.1	26.4	39.6

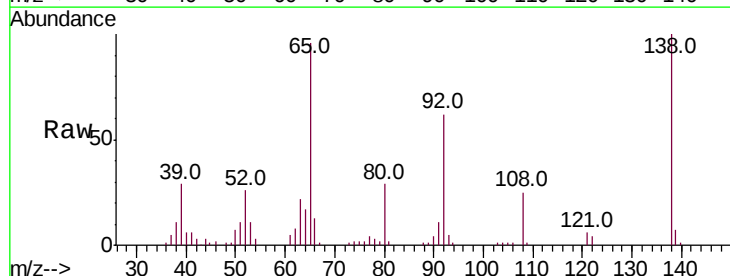


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

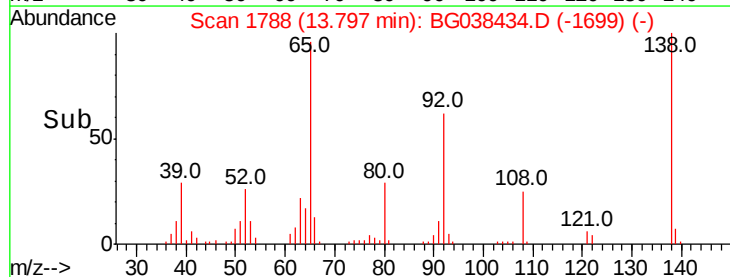
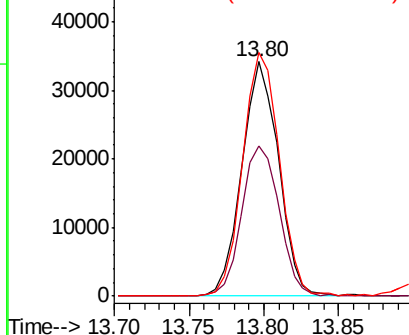


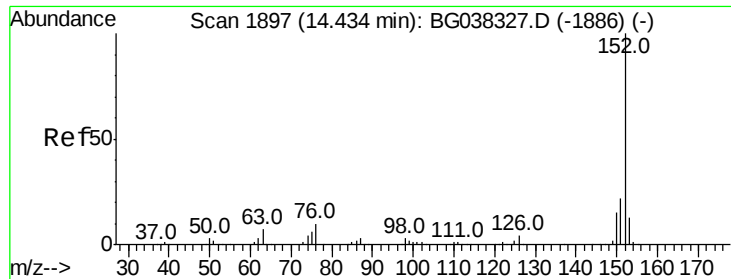
#48
 2-Nitroaniline
 Concen: 35.362 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.2	79.8
138	104.0	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: 36.868 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

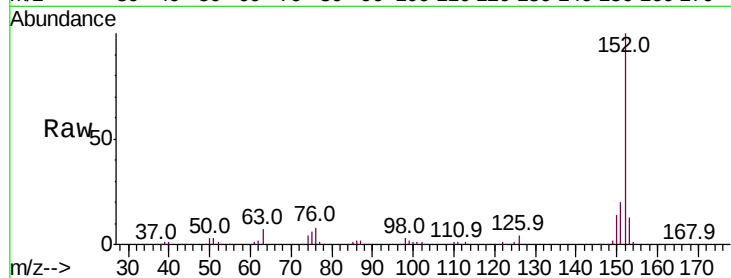
Tot Ion:152 Resp: 271906

Ion Ratio Lower Upper

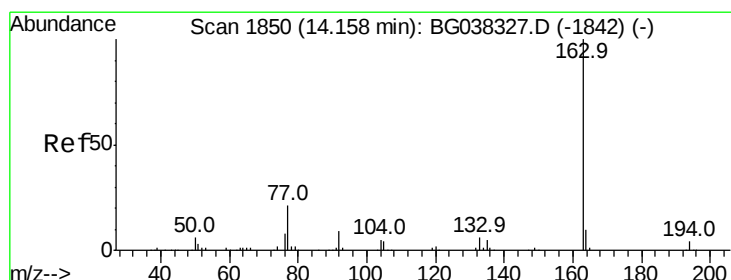
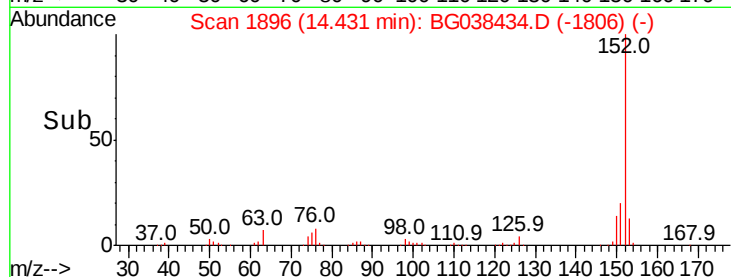
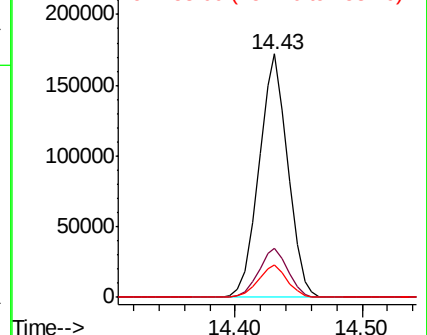
152 100

151 20.4 17.1 25.7

153 13.3 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: 36.354 ng

RT: 14.16 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

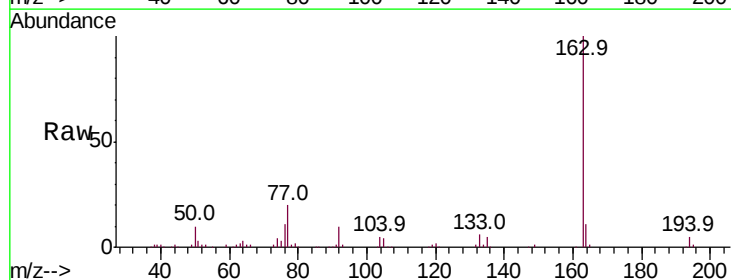
Tgt Ion:163 Resp: 223858

Ion Ratio Lower Upper

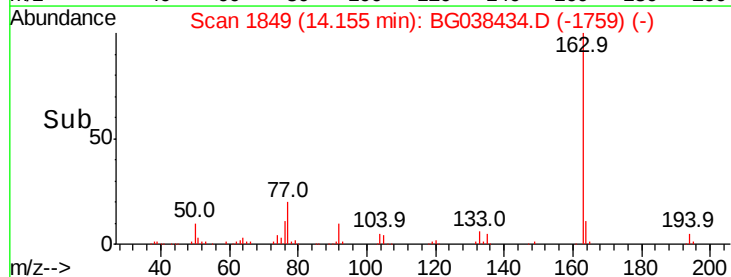
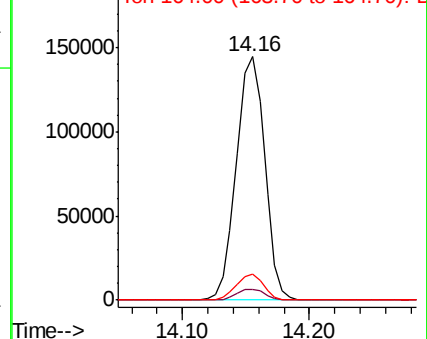
163 100

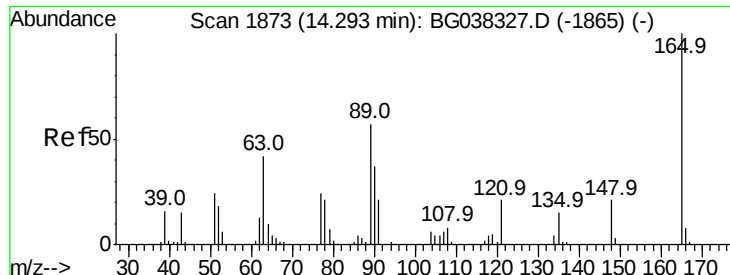
194 4.6 3.5 5.3

164 10.6 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

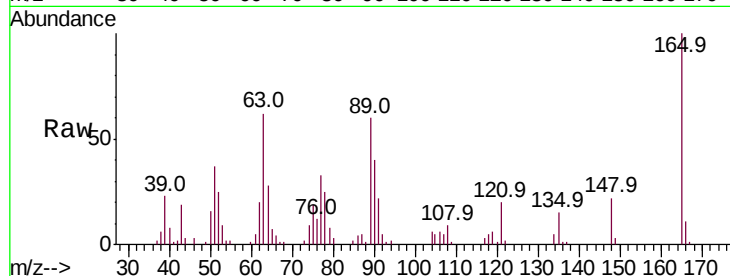




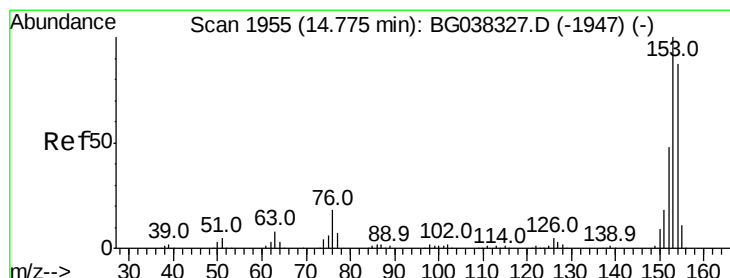
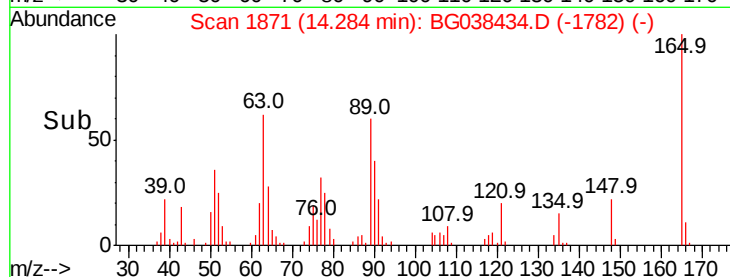
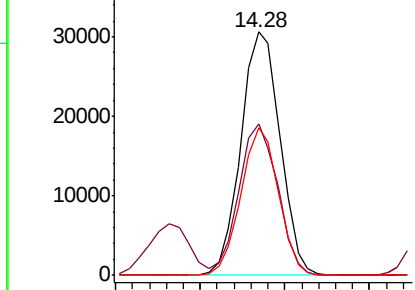
#51
 2,6-Dinitrotoluene
 Concen: 35.145 ng
 RT: 14.28 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion:165 Resp: 49436
 Ion Ratio Lower Upper
 165 100
 63 62.5 43.4 65.2
 89 60.4 45.8 68.6

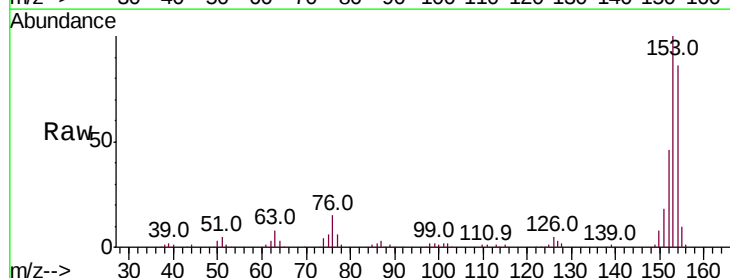


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

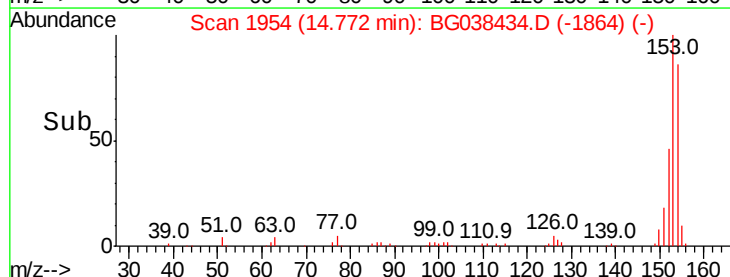
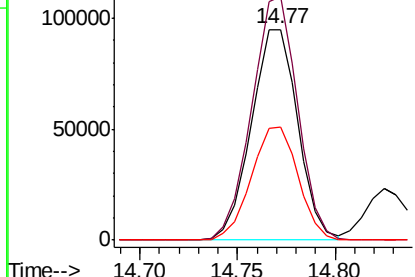


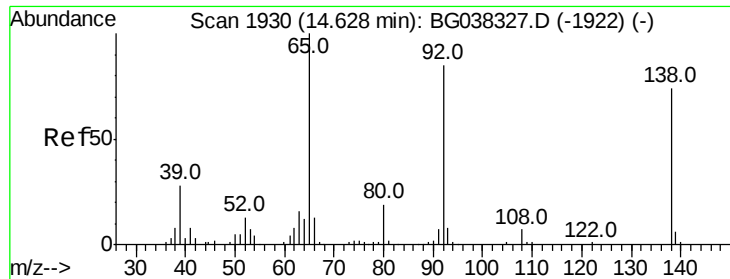
#52
 Acenaphthene
 Concen: 34.774 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:154 Resp: 156348
 Ion Ratio Lower Upper
 154 100
 153 115.7 93.4 140.0
 152 53.7 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: 19.689 ng

RT: 14.62 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

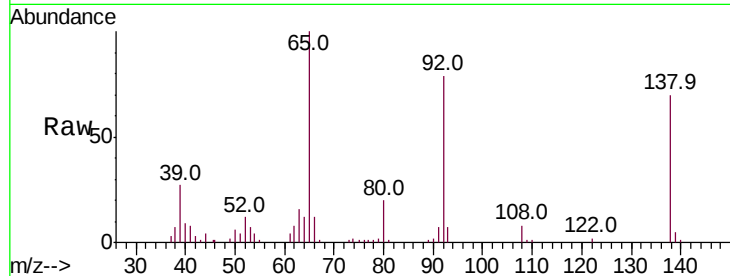
Tot Ion:138 Resp: 29827

Ion Ratio Lower Upper

138 100

108 11.0 11.0 16.6#

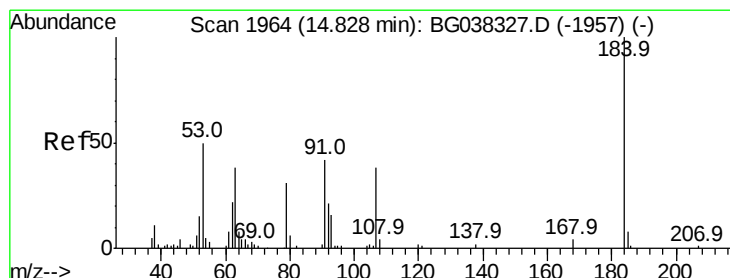
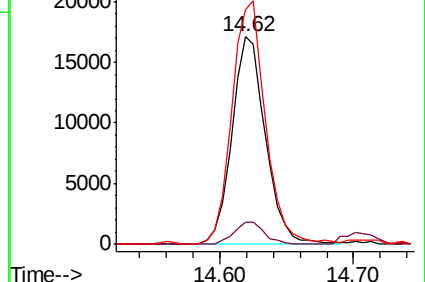
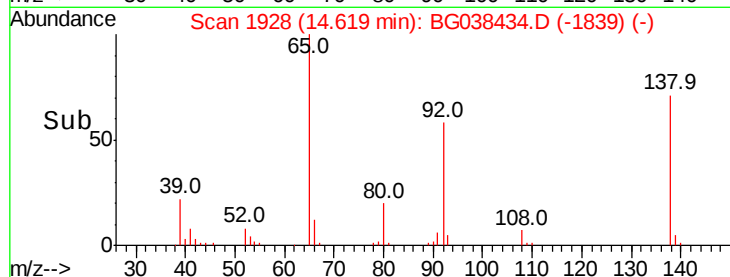
92 113.3 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 76.068 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

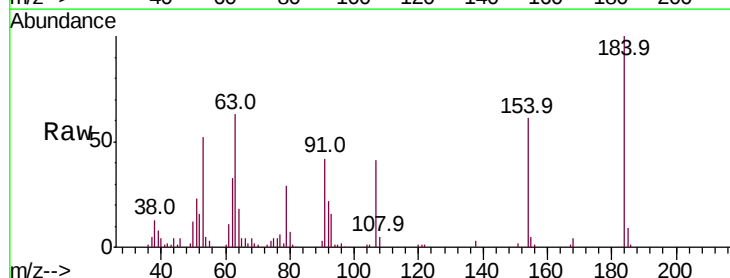
Tgt Ion:184 Resp: 58654

Ion Ratio Lower Upper

184 100

63 63.0 42.6 63.8

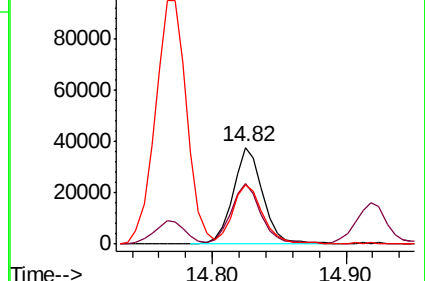
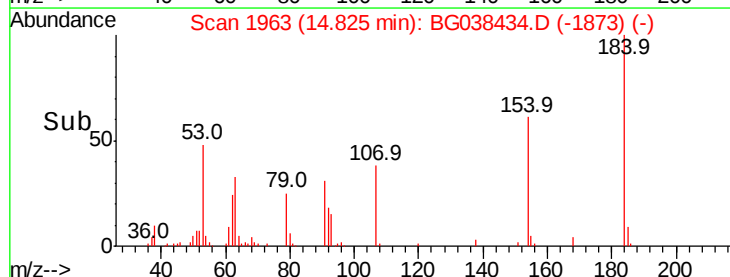
154 61.2 41.8 62.6

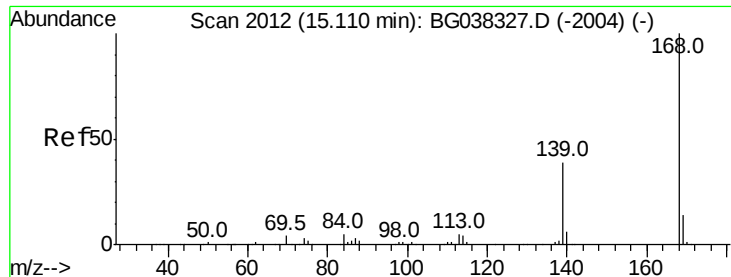


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

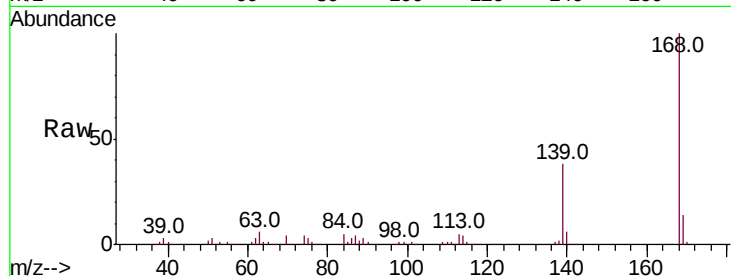




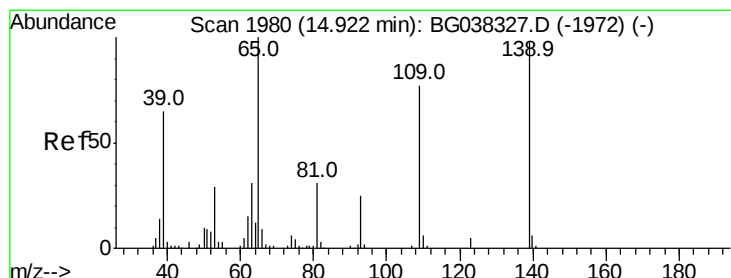
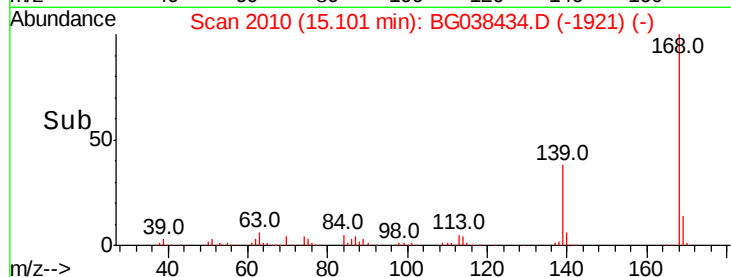
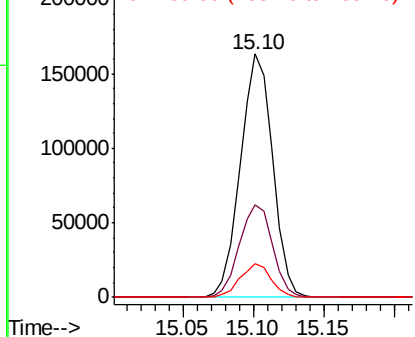
#55
Dibenzofuran
Concen: 35.107 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tot Ion:168 Resp: 260949
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0
169 14.0 11.0 16.6

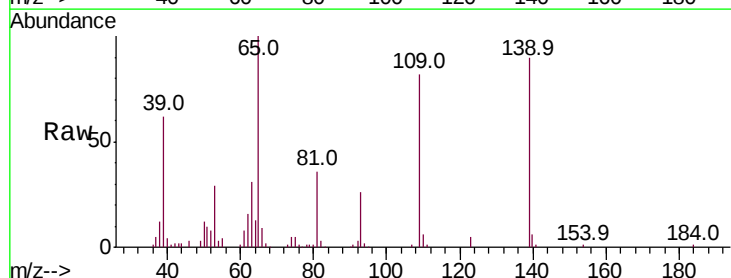


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

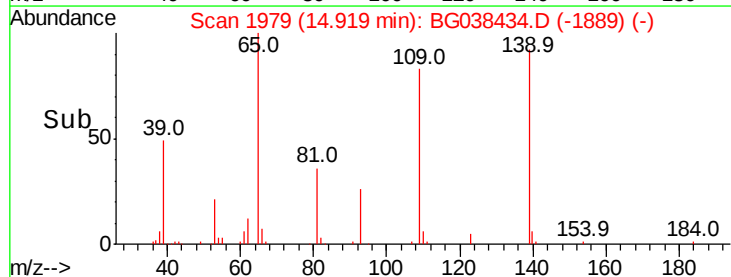
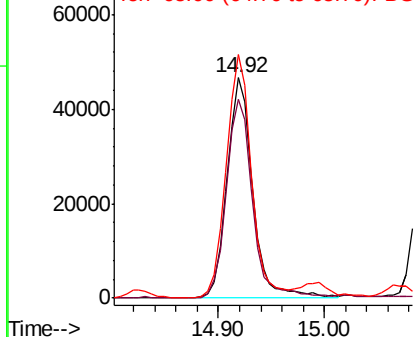


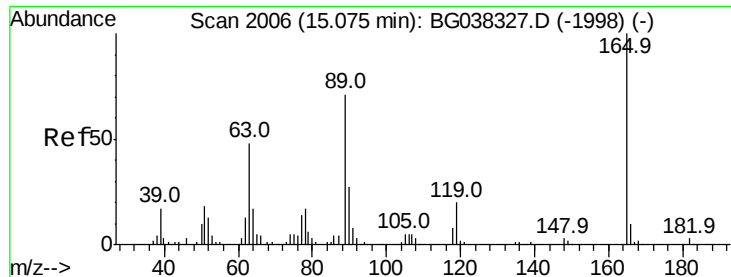
#56
4-Nitrophenol
Concen: 65.591 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion:139 Resp: 78493
Ion Ratio Lower Upper
139 100
109 90.2 49.5 89.5#
65 110.5 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

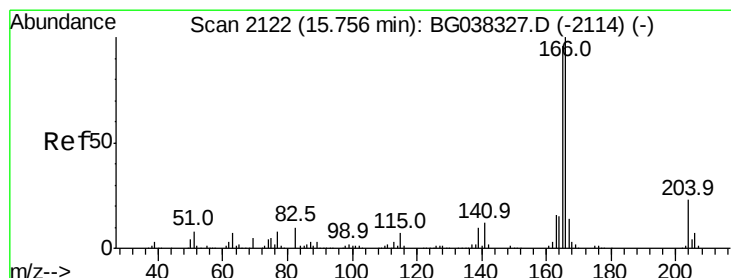
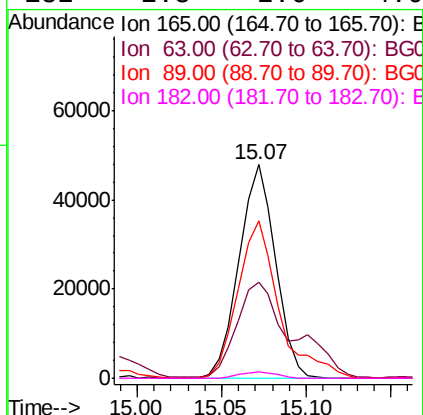
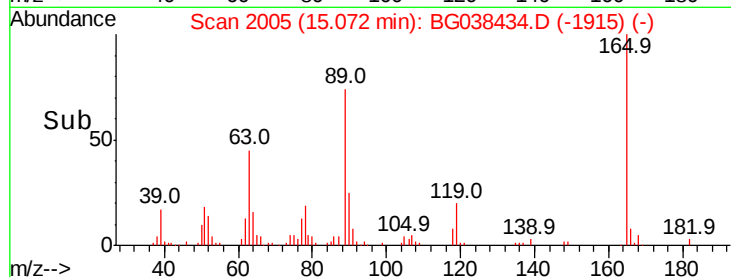
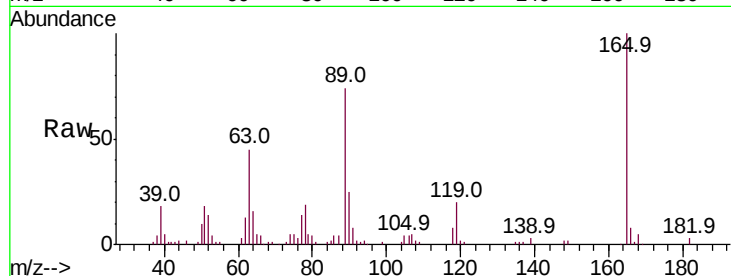




#57
2,4-Dinitrotoluene
Concen: 37.119 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

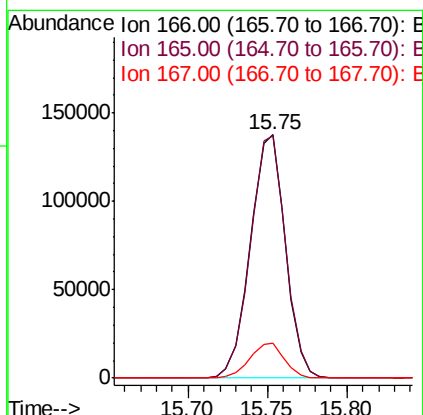
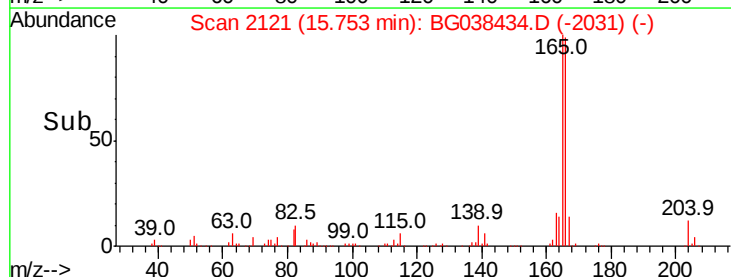
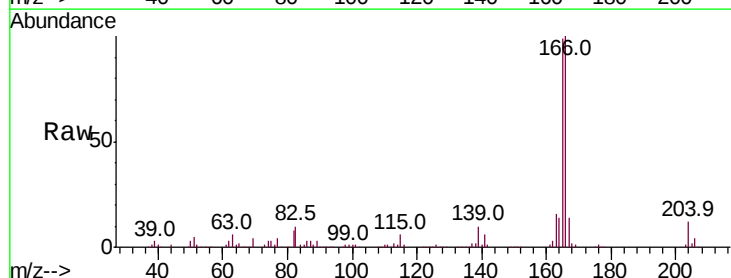
Instrument :
BNA_G
ClientSampleId :
PB115432BS

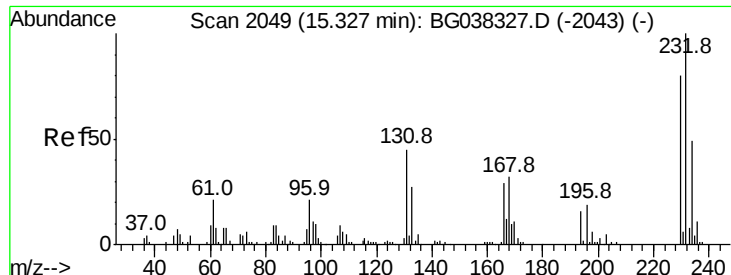
Tot Ion:165 Resp: 72013
Ion Ratio Lower Upper
165 100
63 45.0 33.4 50.0
89 73.6 57.2 85.8
182 2.8 2.6 4.0



#58
Fluorene
Concen: 38.484 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion:166 Resp: 210743
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 14.3 11.3 16.9

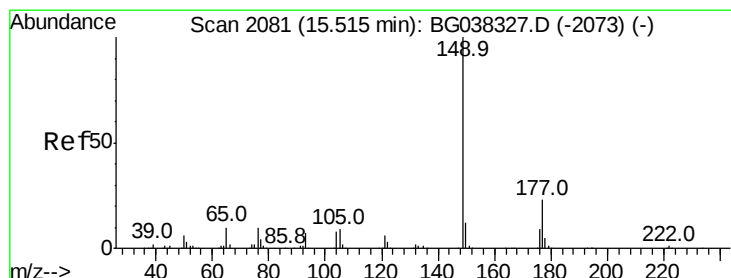
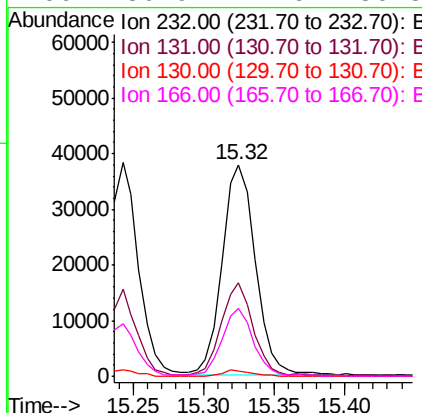
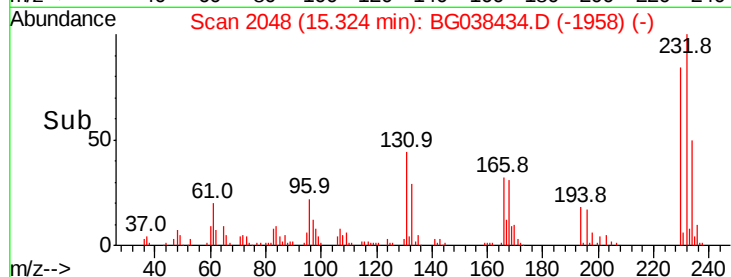
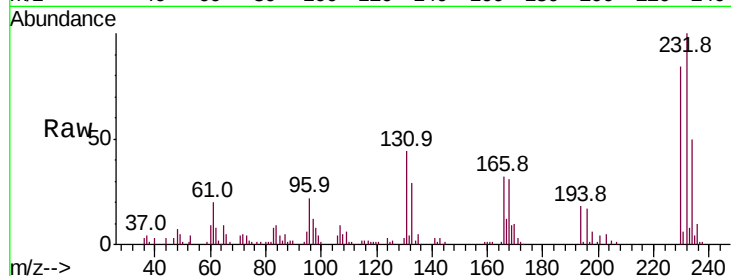




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.282 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

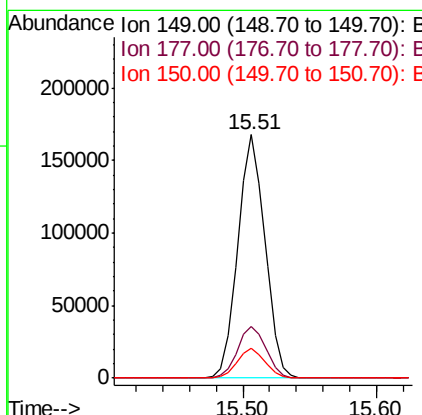
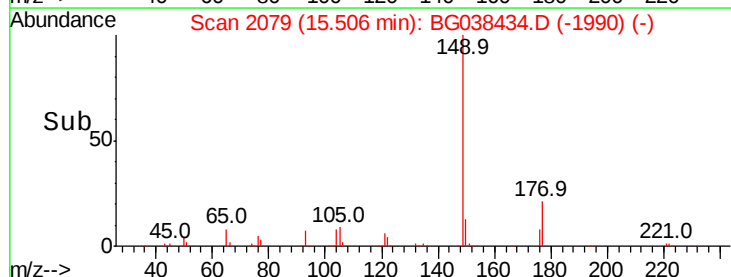
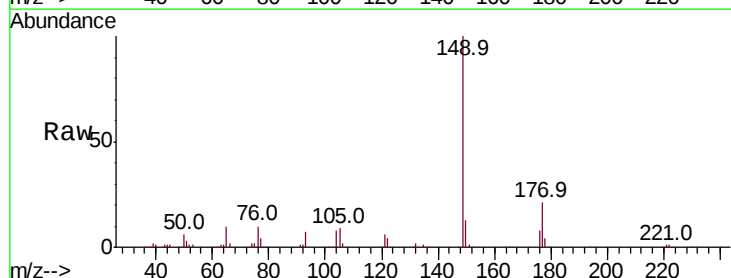
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

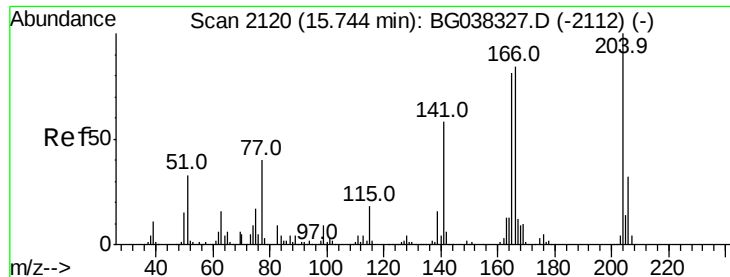
Tot Ion:232 Resp: 61851
 Ion Ratio Lower Upper
 232 100
 131 43.5 33.7 50.5
 130 2.6 2.1 3.1
 166 30.9 24.6 36.8



#60
 Diethylphthalate
 Concen: 34.495 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:149 Resp: 235325
 Ion Ratio Lower Upper
 149 100
 177 21.3 18.3 27.5
 150 12.5 10.0 15.0

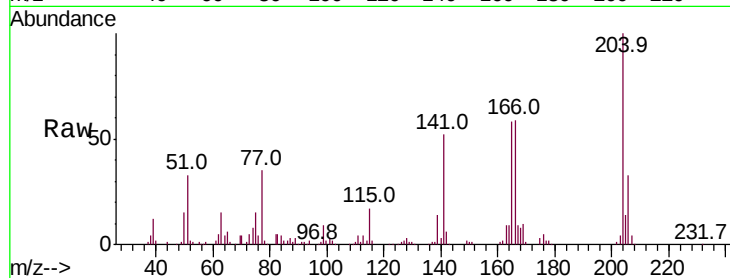




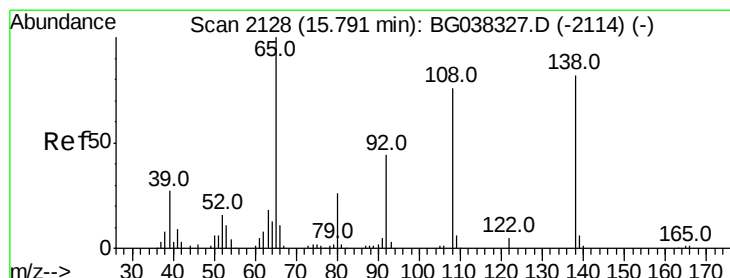
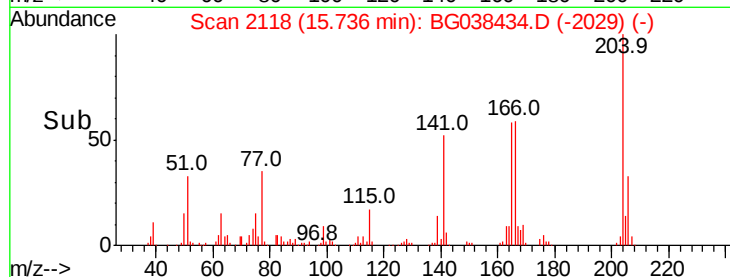
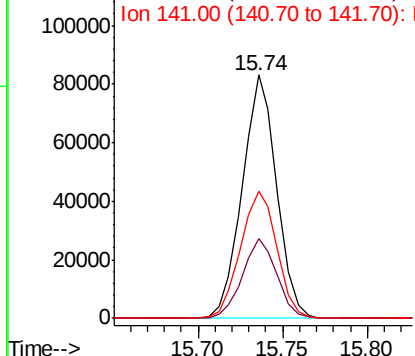
#61
4-Chlorophenyl-phenylether
Concen: 35.710 ng
RT: 15.74 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tot Ion:204 Resp: 117459
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 52.4 45.4 68.2

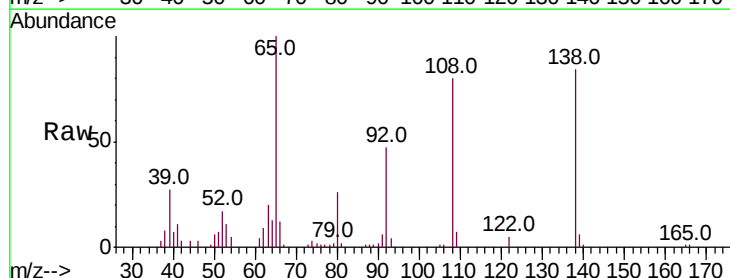


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

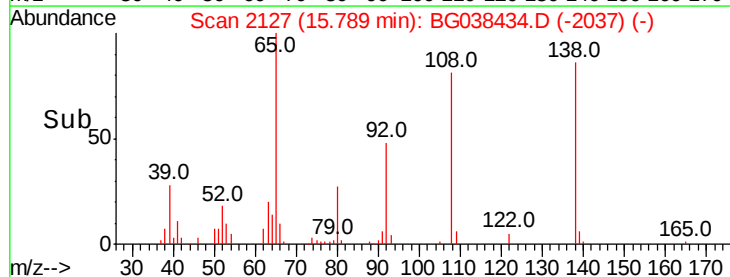
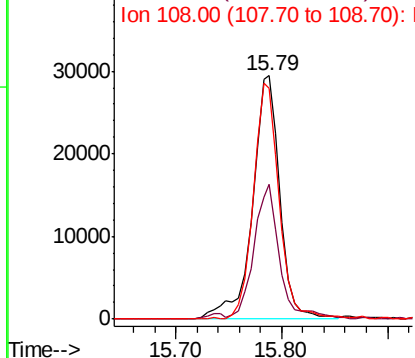


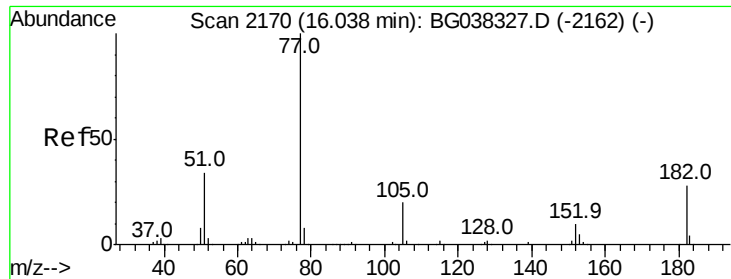
#62
4-Nitroaniline
Concen: 35.827 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion:138 Resp: 53383
Ion Ratio Lower Upper
138 100
92 55.6 36.4 76.4
108 94.8 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

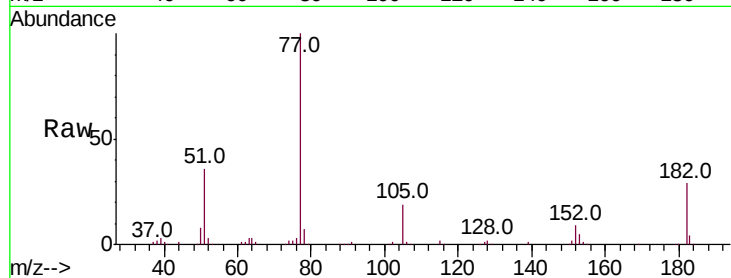




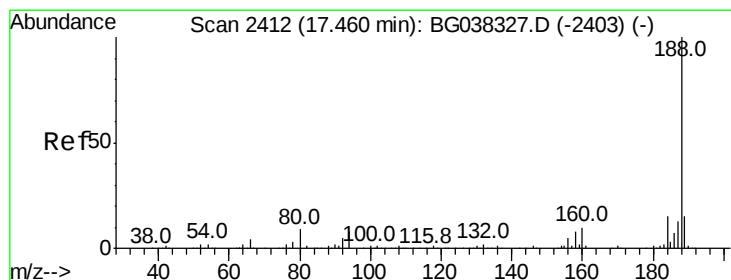
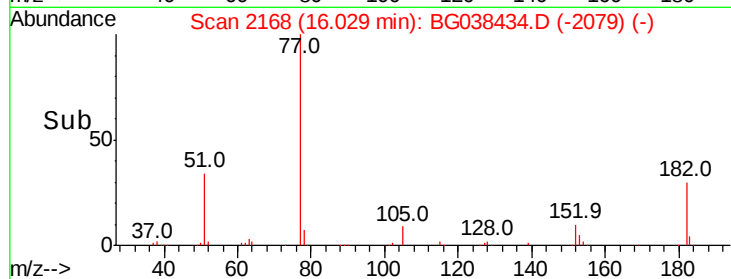
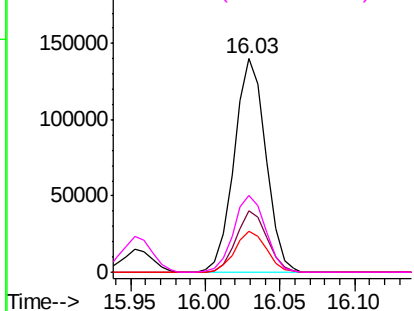
#63
Azobenzene
Concen: 34.582 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tot Ion: 77 Resp: 206473
Ion Ratio Lower Upper
77 100
182 28.8 8.0 48.0
105 19.1 1.3 41.3
51 35.8 10.7 50.7

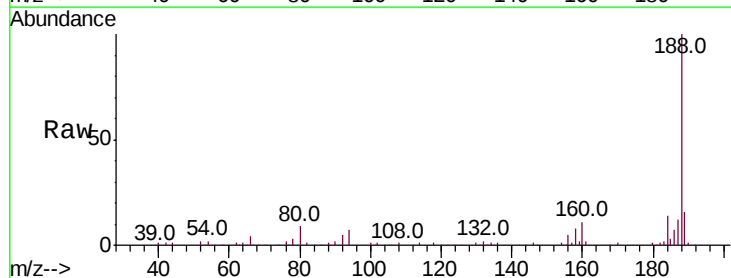


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

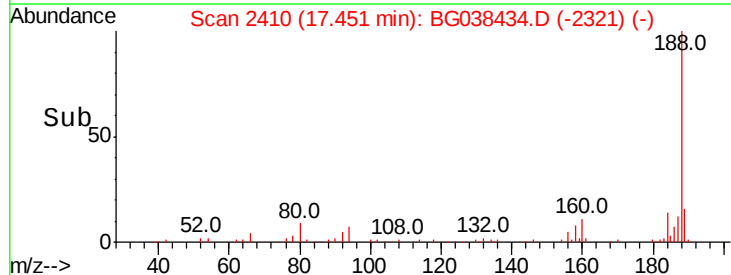
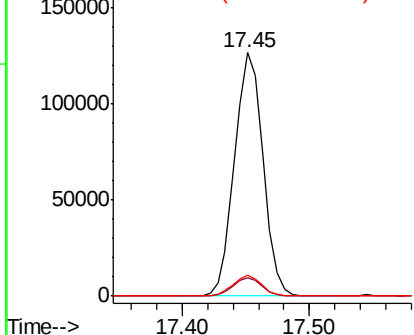


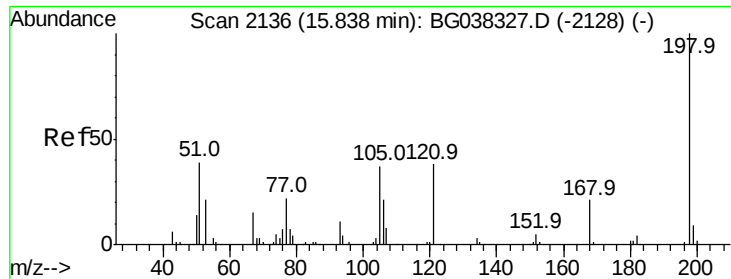
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion: 188 Resp: 196206
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 8.6 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

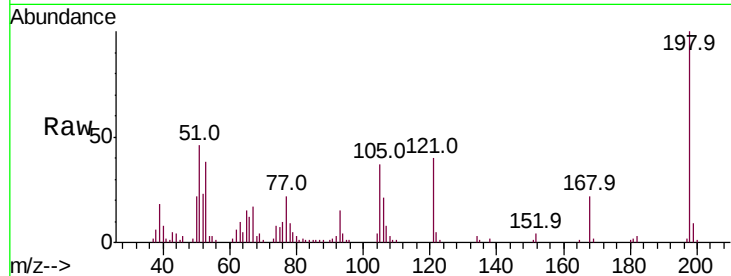




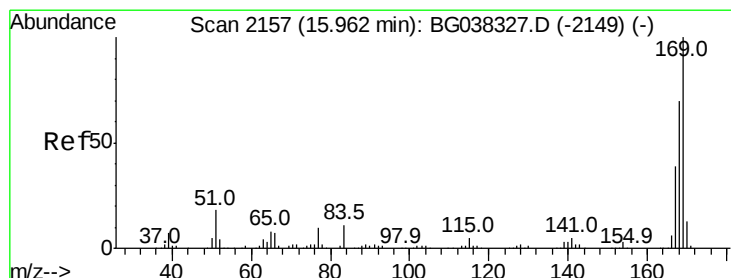
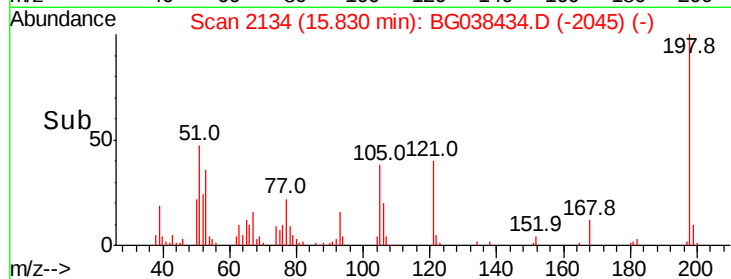
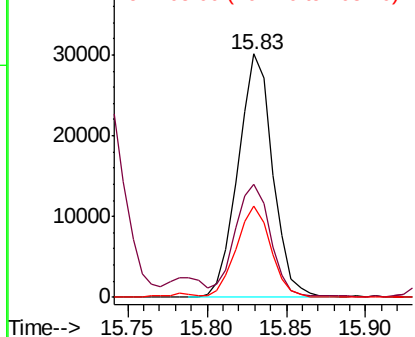
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.523 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion:198 Resp: 45667
 Ion Ratio Lower Upper
 198 100
 51 46.2 22.7 62.7
 105 37.3 19.7 59.7

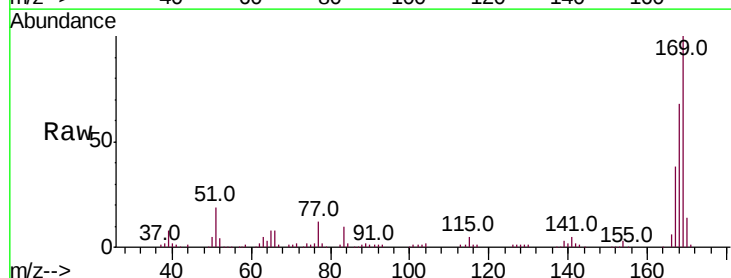


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

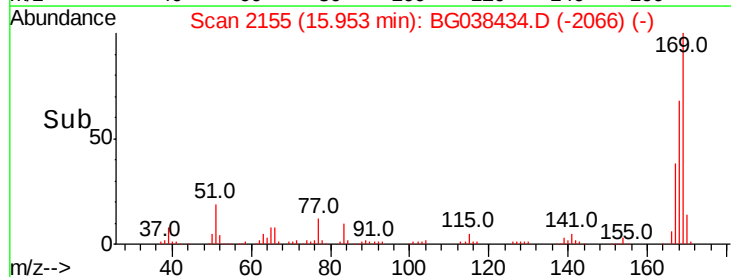
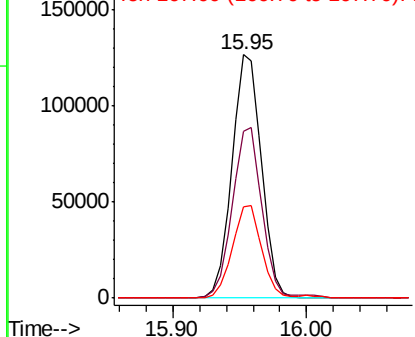


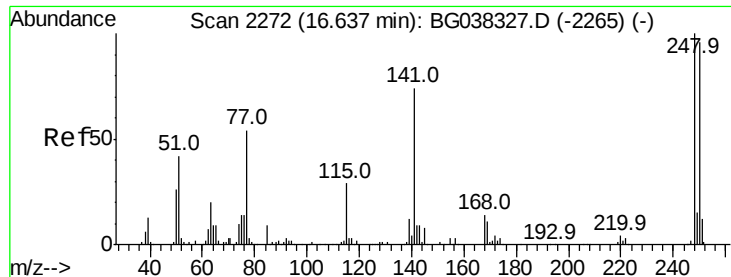
#66
 n-Nitrosodiphenylamine
 Concen: 35.138 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:169 Resp: 193868
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.7 83.5
 167 37.7 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

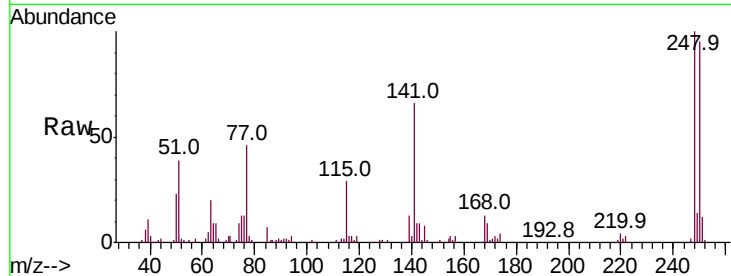




#67
 4-Bromophenyl-phenylether
 Concen: 35.496 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	77.0	115.6
141	66.2	55.5	83.3

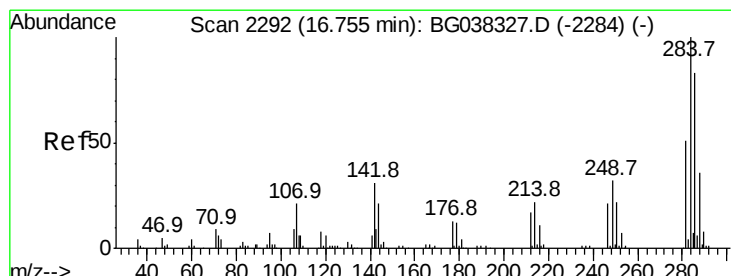
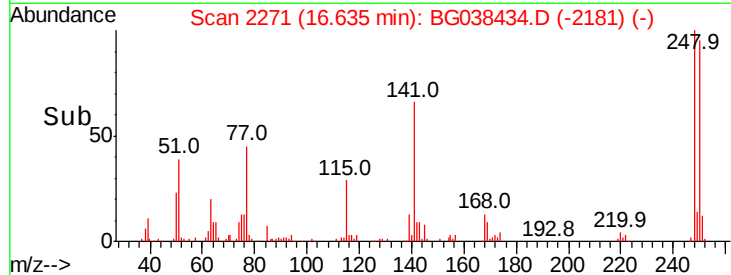
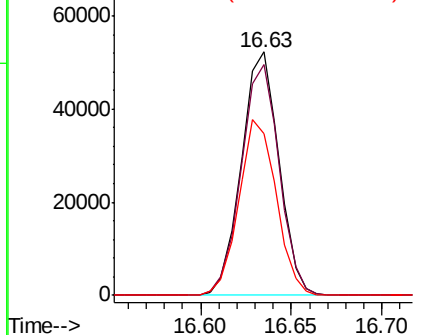


Abundance

Ion 248.00 (247.70 to 248.70): E

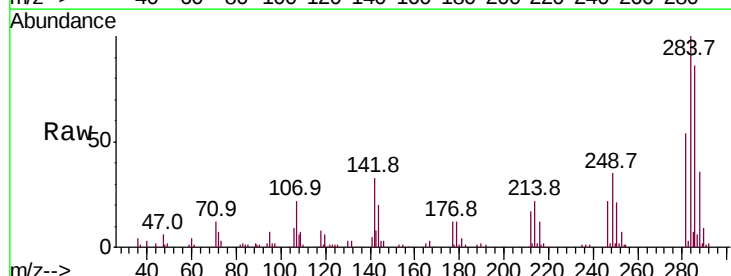
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.422 ng
 RT: 16.75 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.1	42.1
249	36.9	29.8	44.8

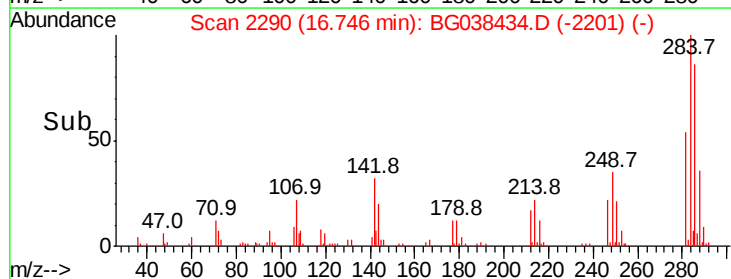
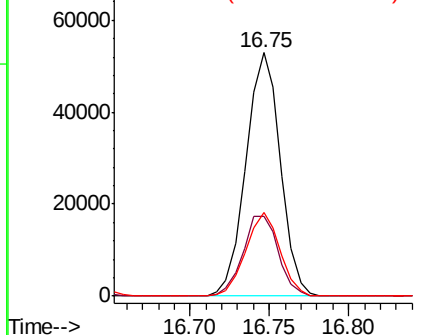


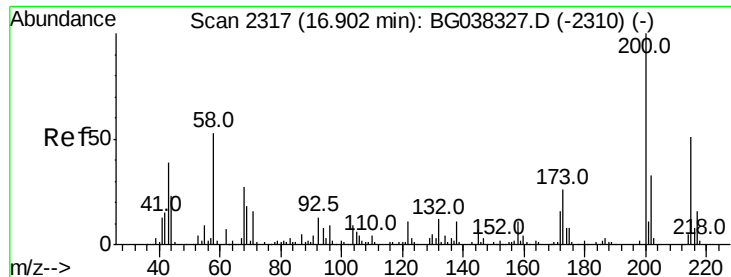
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

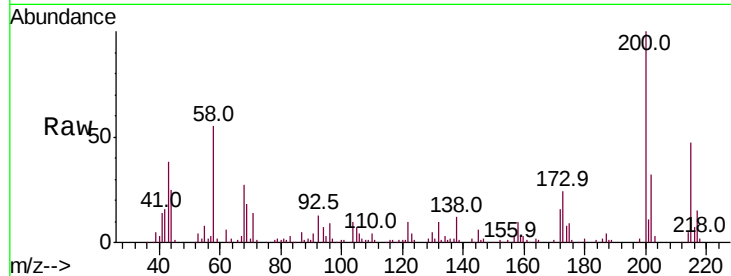




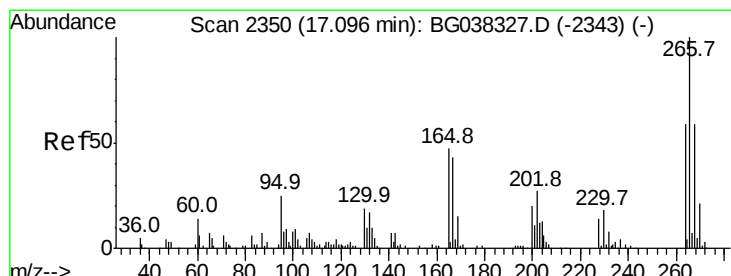
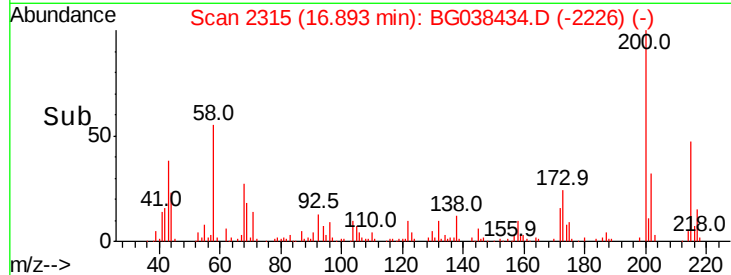
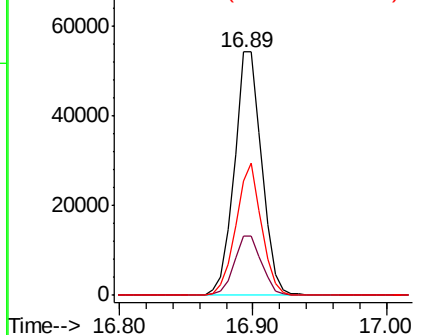
#69
 Atrazine
 Concen: 37.541 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	6.1	46.1
215	47.1	30.8	70.8

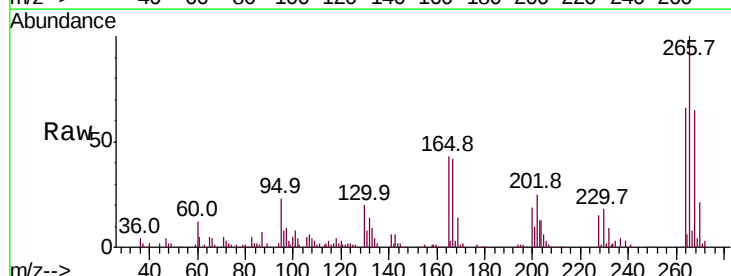


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

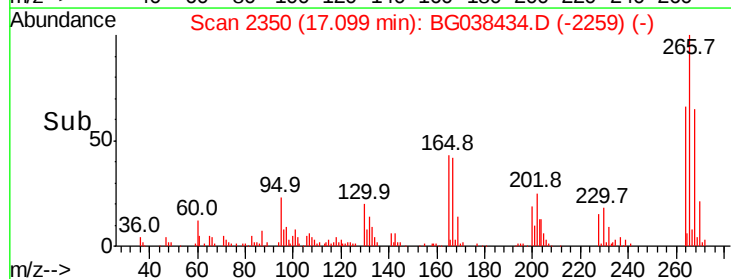
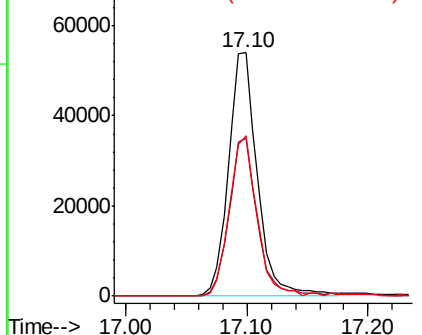


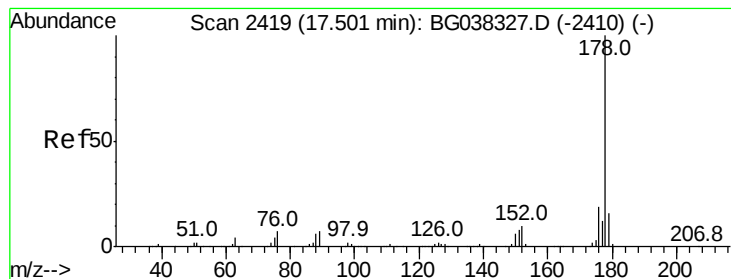
#70
 Pentachlorophenol
 Concen: 60.063 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.5	55.0	82.6
264	71.6	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: 37.439 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

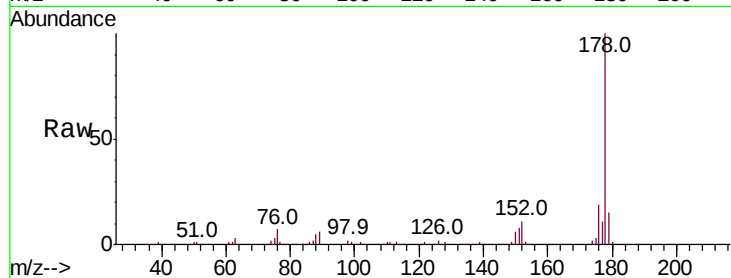
Tot Ion:178 Resp: 367867

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

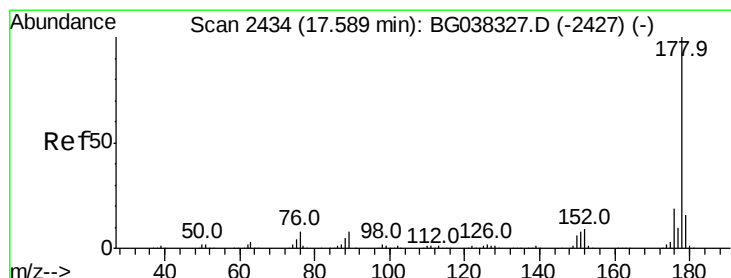
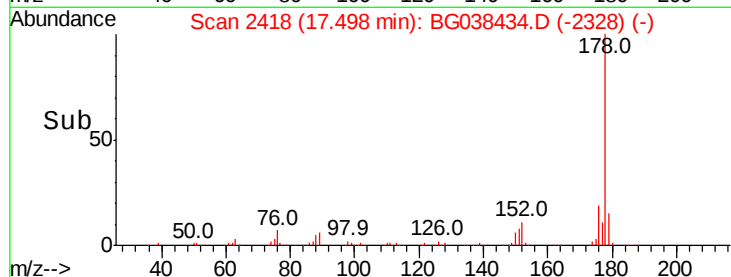
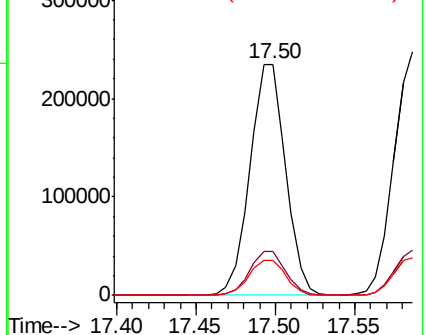
179 15.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.324 ng

RT: 17.59 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

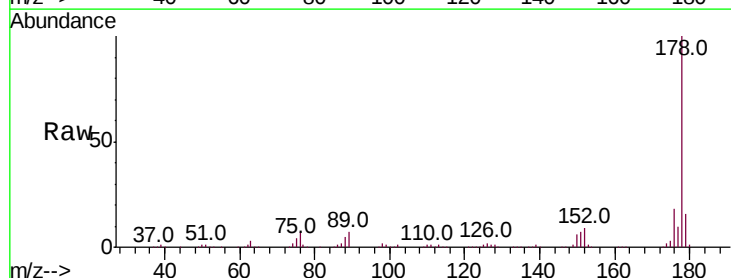
Tgt Ion:178 Resp: 374187

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

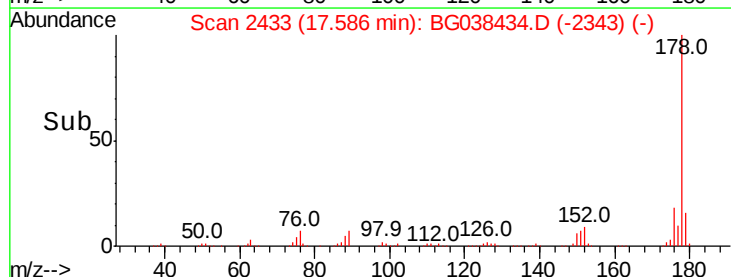
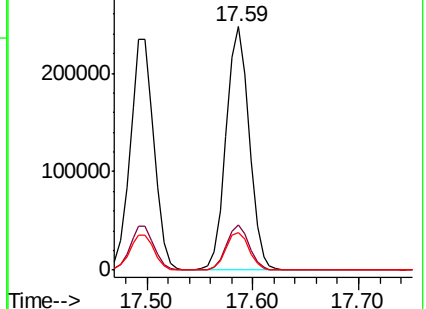
179 15.6 12.8 19.2

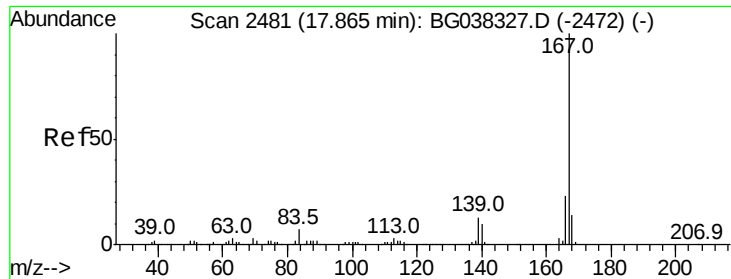


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

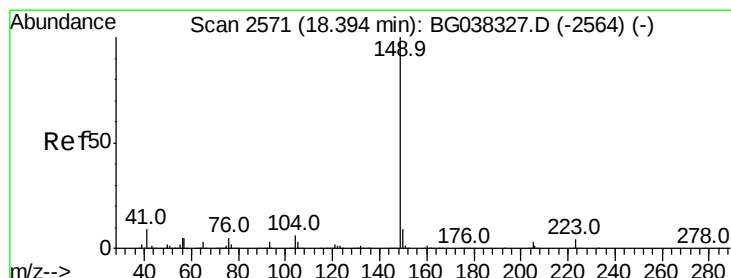
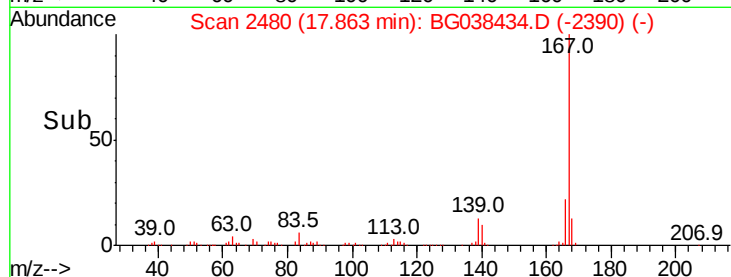
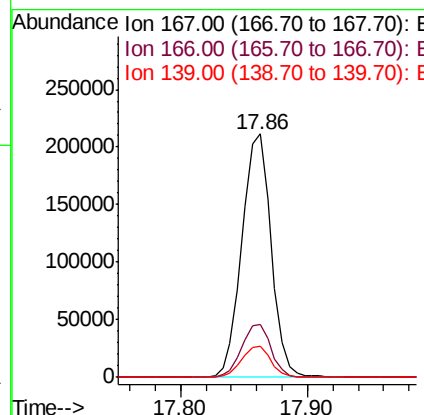
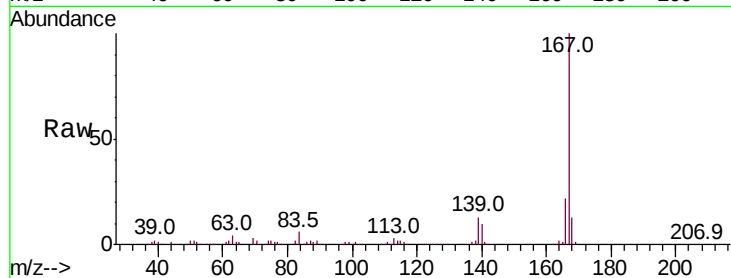




#73
 Carbazole
 Concen: 35.737 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

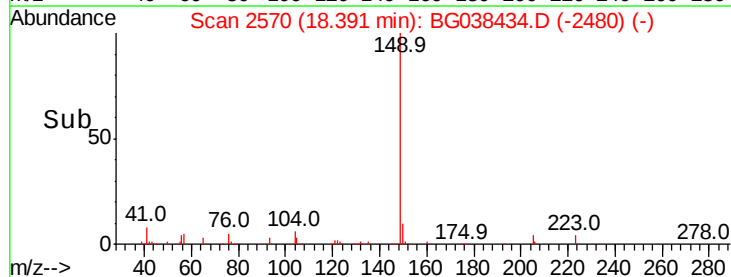
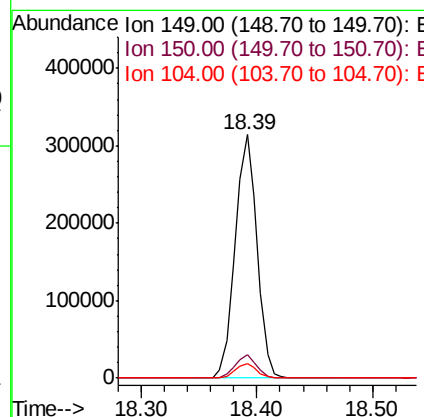
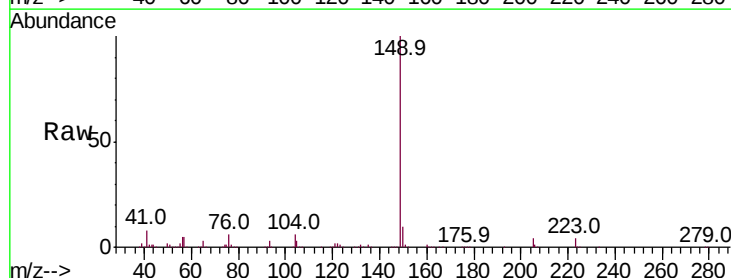
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

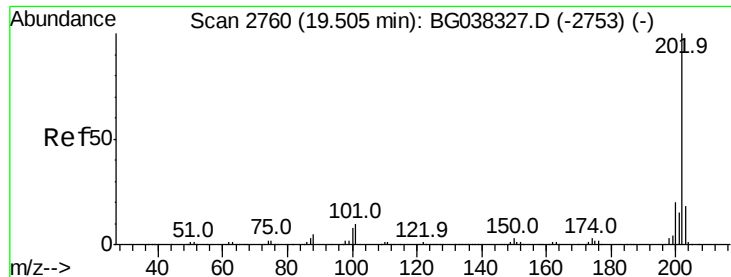
Tot Ion:167 Resp: 337501
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.3 27.5
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 37.199 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG038434.D
 Acq: 8 Dec 2018 12:33

Tgt Ion:149 Resp: 410422
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 6.0 4.0 6.0#





#75

Fluoranthene

Concen: 50.408 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

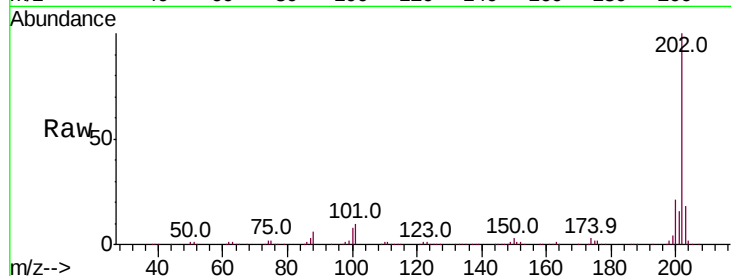
Tot Ion:202 Resp: 578686

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.7

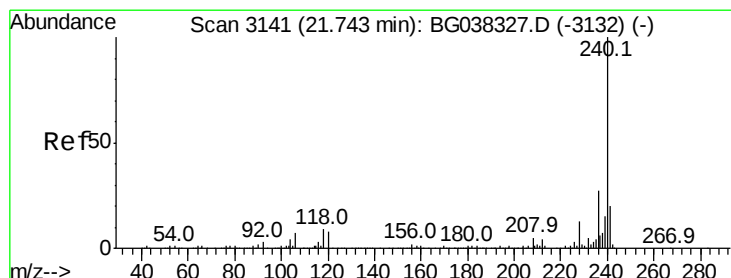
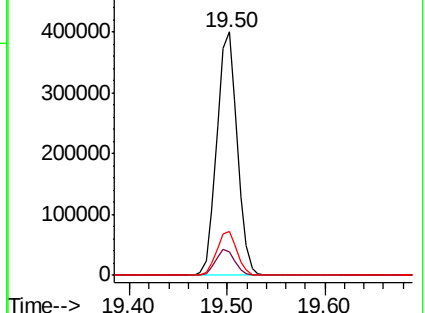
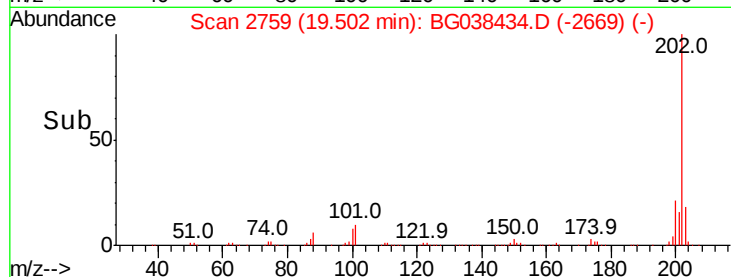
203 18.1 0.0 38.5



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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

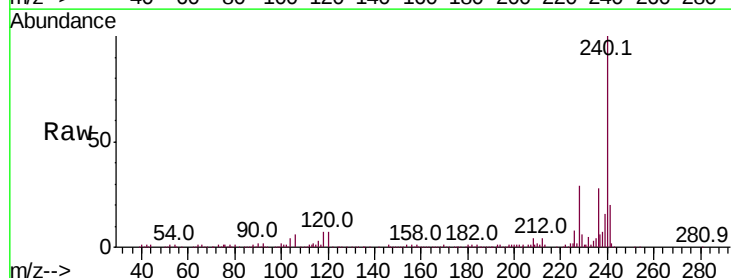
Tgt Ion:240 Resp: 187621

Ion Ratio Lower Upper

240 100

120 7.4 8.1 12.1#

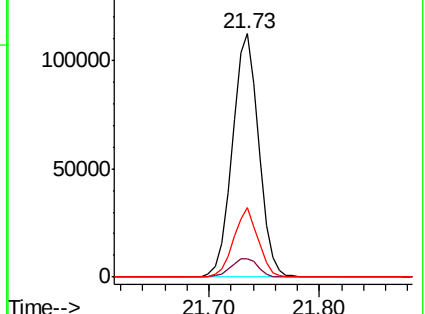
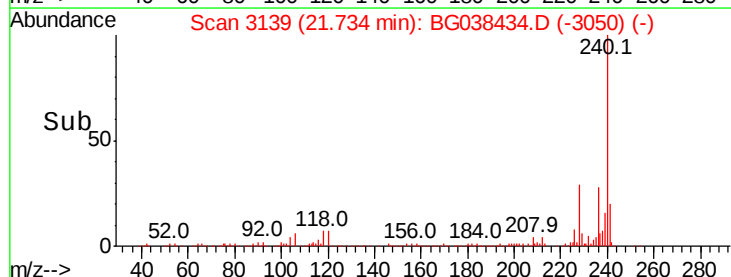
236 28.3 21.4 32.0

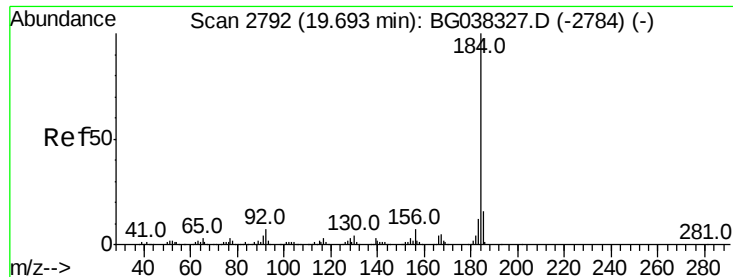


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.793 ng

RT: 19.68 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

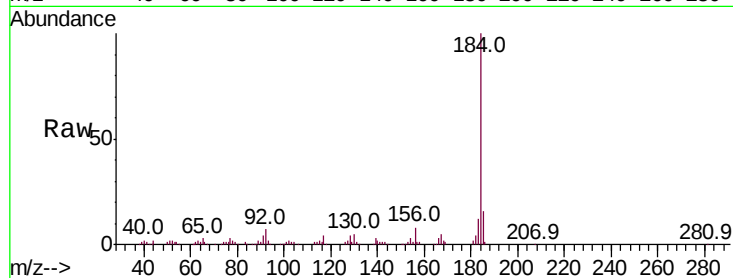
Tot Ion:184 Resp: 131647

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

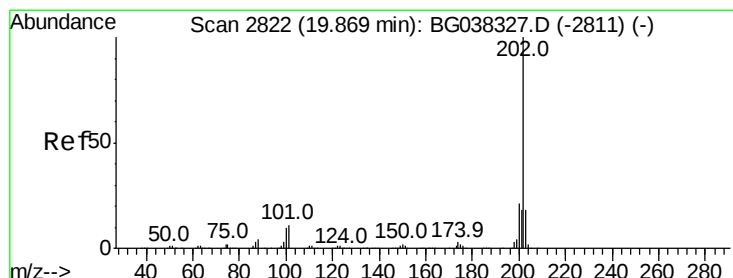
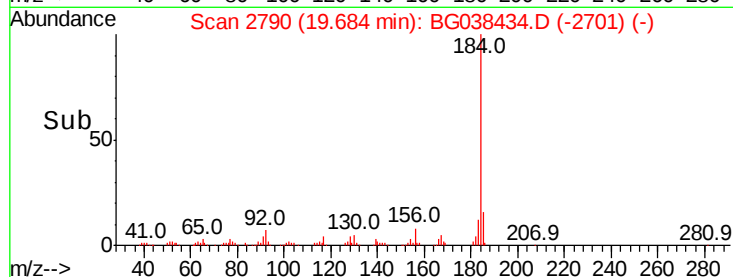
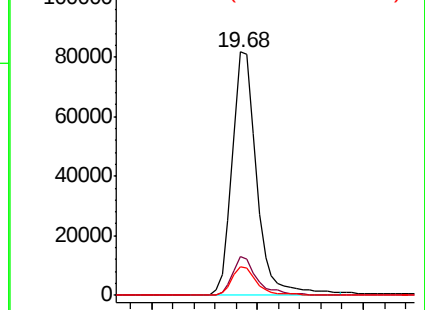
183 12.0 10.2 15.2



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: 34.439 ng

RT: 19.87 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

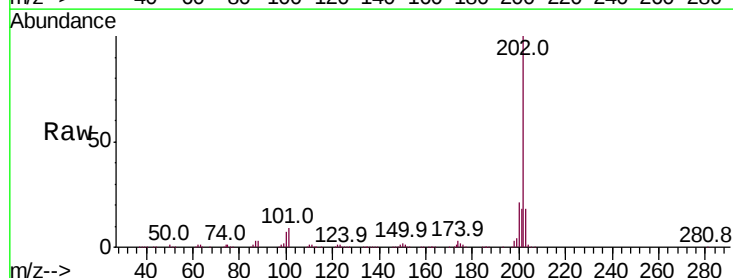
Tgt Ion:202 Resp: 452095

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

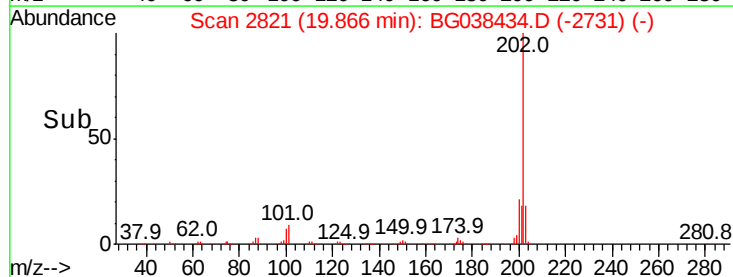
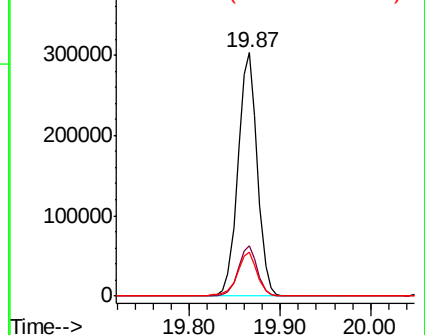
203 18.0 15.2 22.8

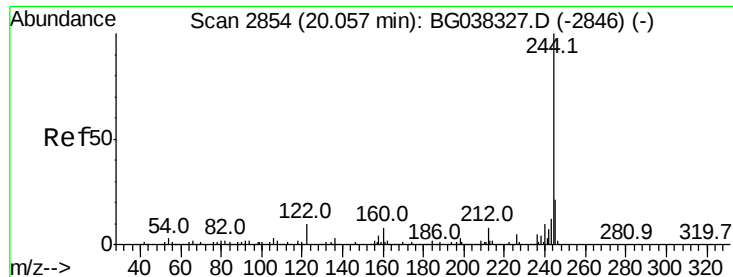


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.379 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

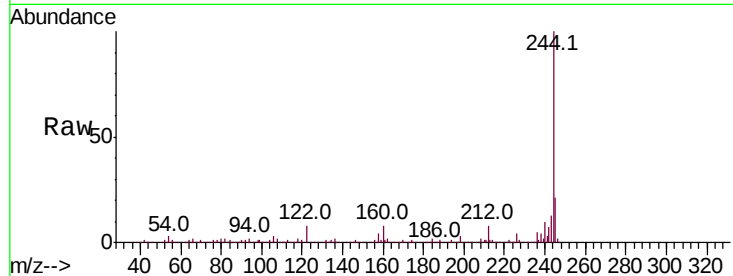
Tot Ion:244 Resp: 642664

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 7.7 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

600000

500000

400000

300000

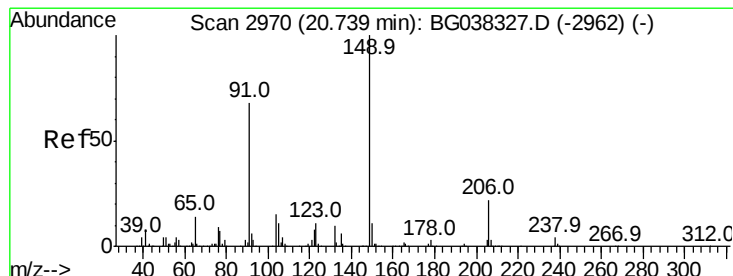
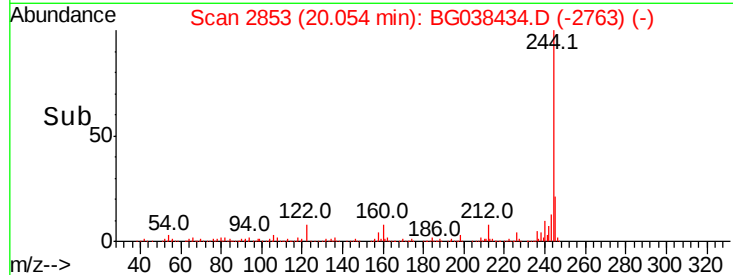
200000

100000

0

20.05

Time-->



#80

Butylbenzylphthalate

Concen: 35.029 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

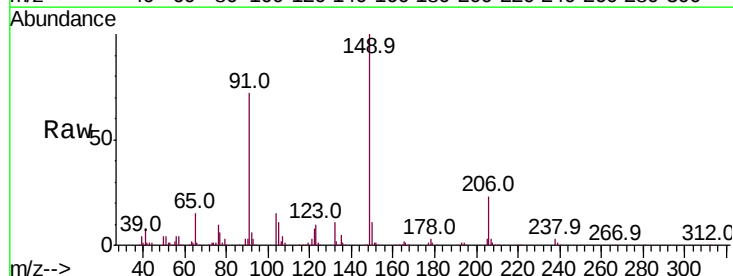
Tgt Ion:149 Resp: 184952

Ion Ratio Lower Upper

149 100

91 72.2 57.0 85.4

206 22.7 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

200000

150000

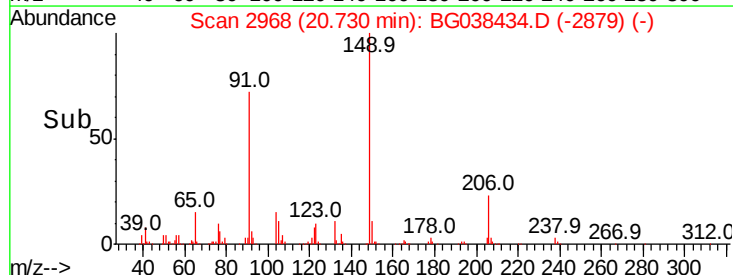
100000

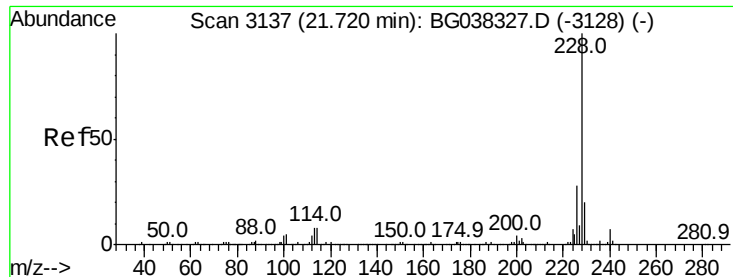
50000

0

20.73

Time-->





#81

Benzo(a)anthracene

Concen: 37.398 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

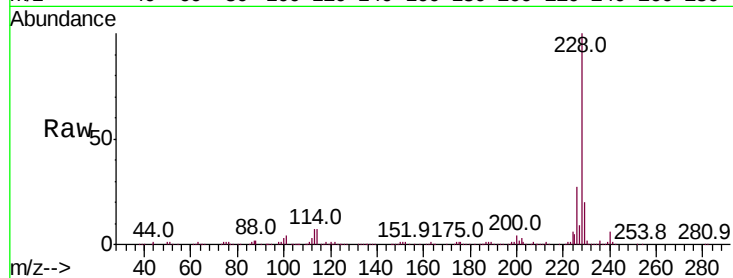
BNA_G

ClientSampleId :

PB115432BS

Tot Ion:228 Resp: 431249

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.3	16.3	24.5

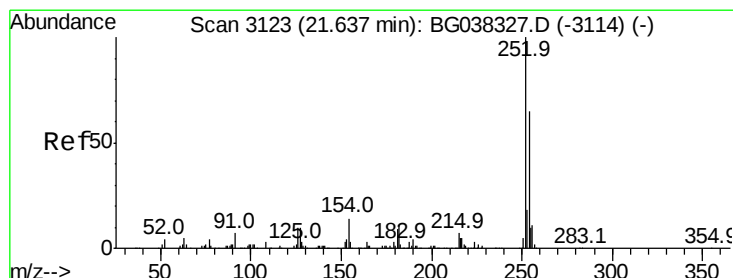
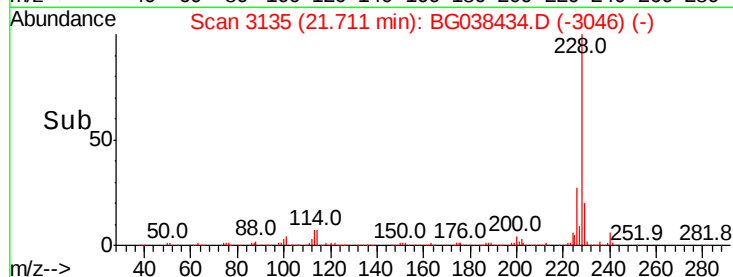
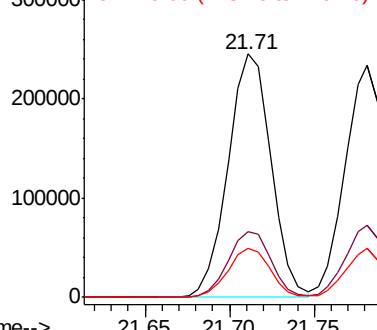


Abundance

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: 20.468 ng

RT: 21.63 min Scan# 3121

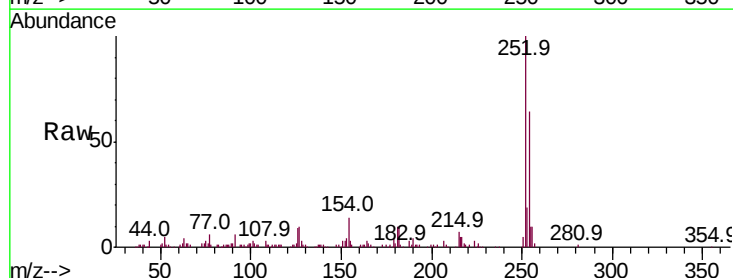
Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Tgt Ion:252 Resp: 91816

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	9.1	8.2	12.4

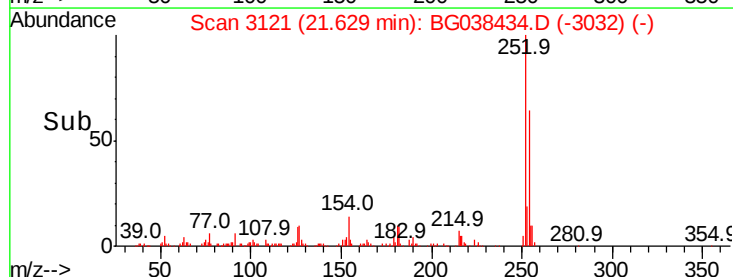
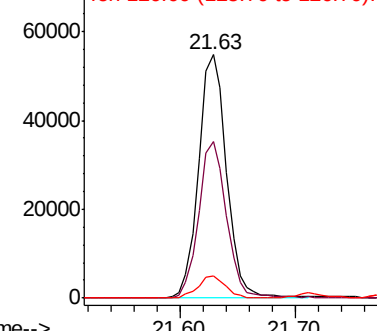


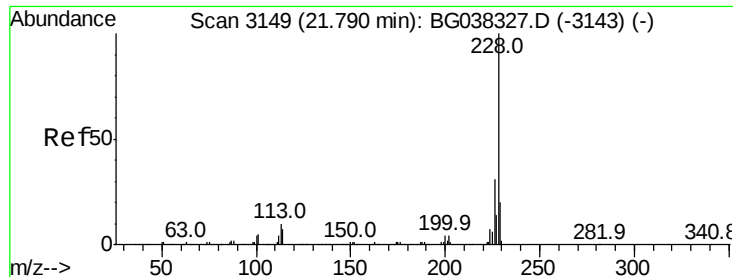
Abundance

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

Chrysene

Concen: 36.424 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

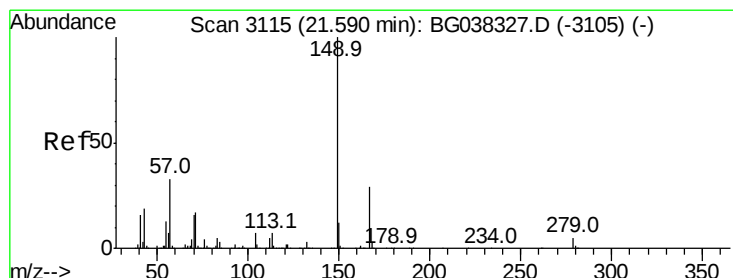
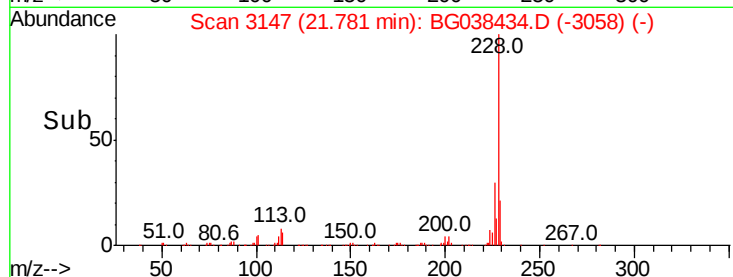
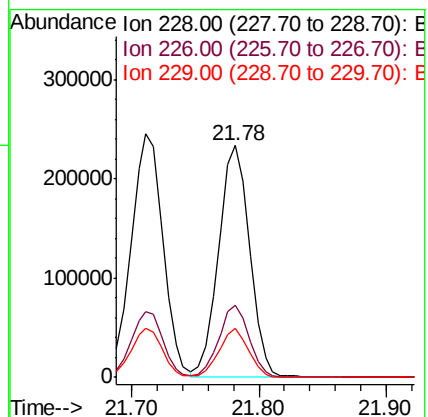
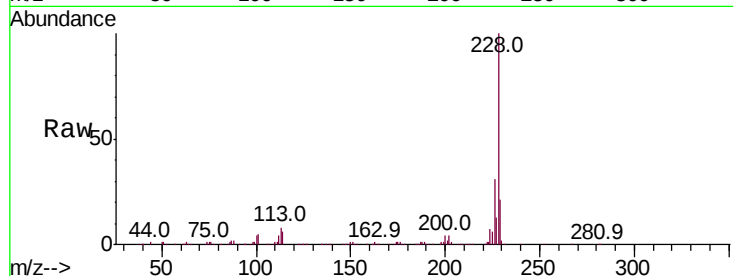
Tot Ion:228 Resp: 397470

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	21.0	16.5	24.7

228 100

226 31.0 25.7 38.5

229 21.0 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.184 ng

RT: 21.58 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

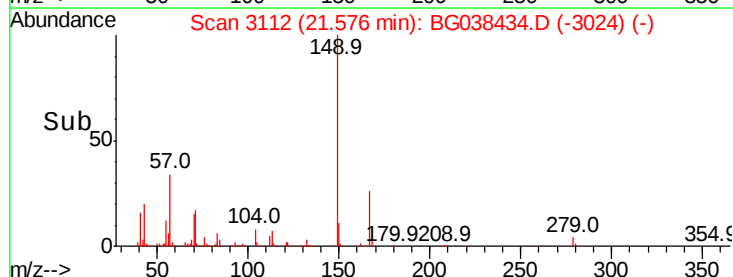
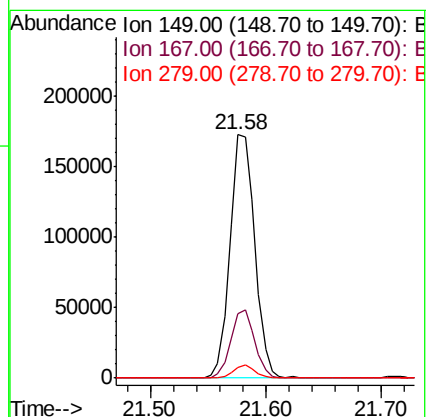
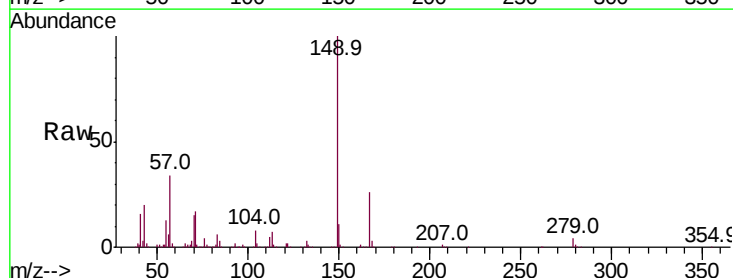
Tgt Ion:149 Resp: 255823

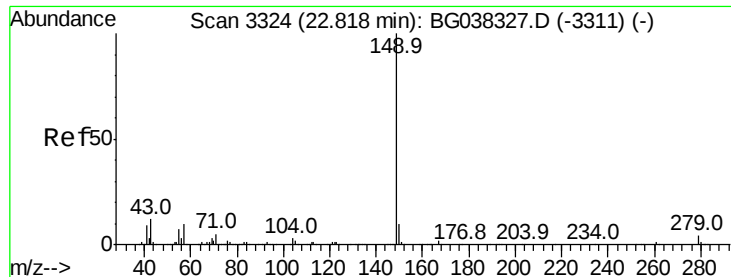
Ion	Ratio	Lower	Upper
149	100		
167	26.4	23.0	34.4
279	4.4	3.6	5.4

149 100

167 26.4 23.0 34.4

279 4.4 3.6 5.4

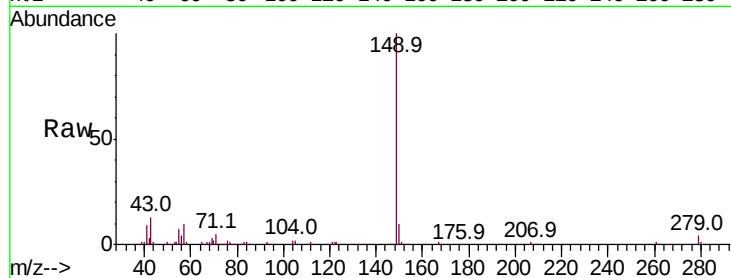




#85
Di-n-octyl phthalate
Concen: 33.715 ng
RT: 22.81 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	8.7	13.1

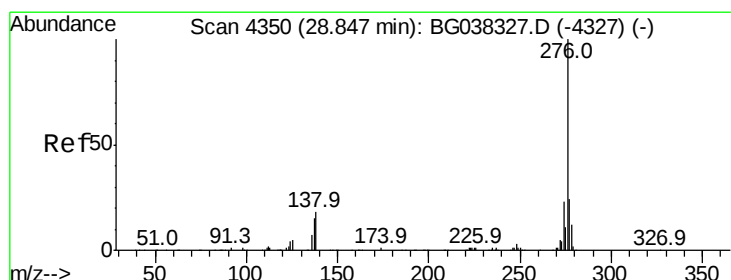
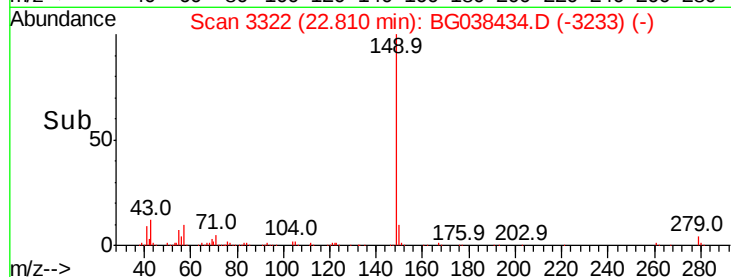
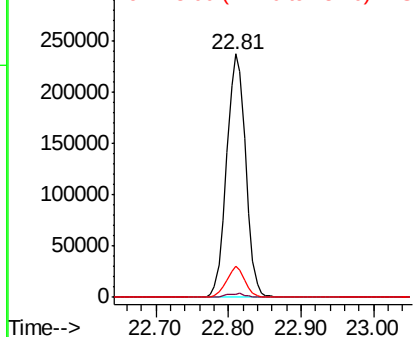


Abundance

Ion 149.00 (148.70 to 149.70): E

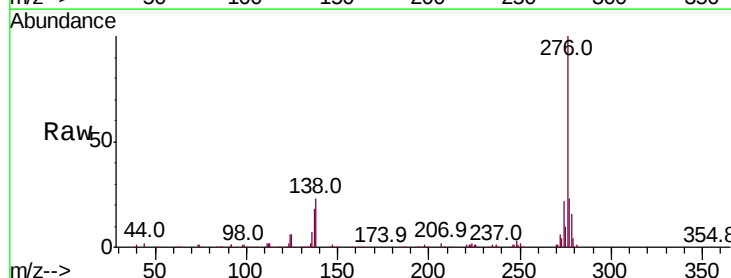
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.807 ng
RT: 28.83 min Scan# 4346
Delta R.T. -0.02 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	12.0	18.0#
277	10.5	20.6	30.8#

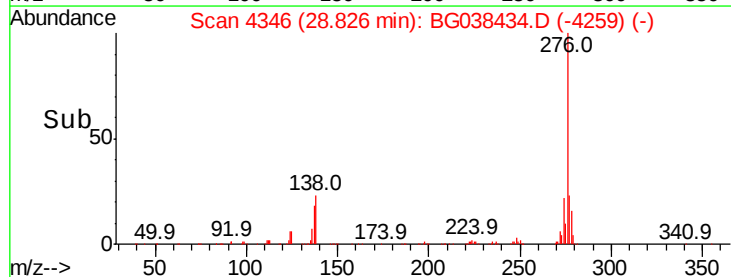
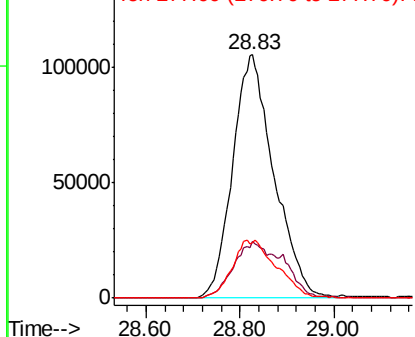


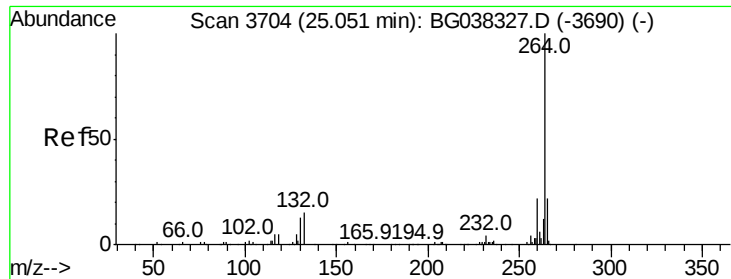
Abundance

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



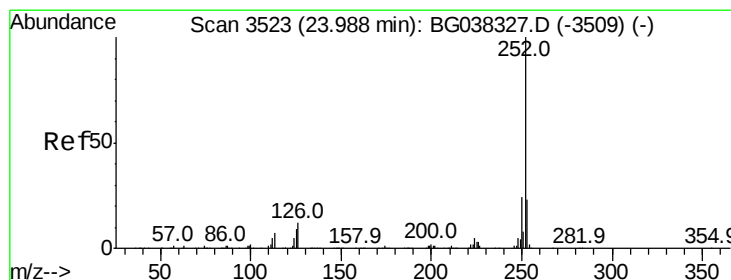
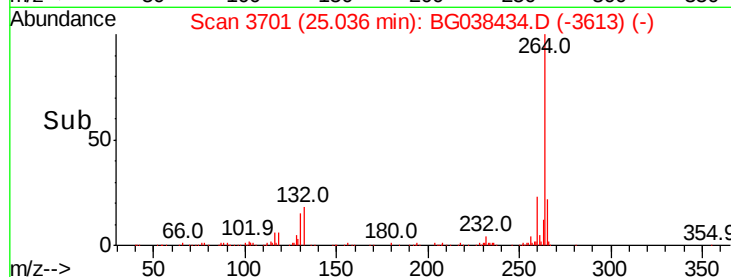
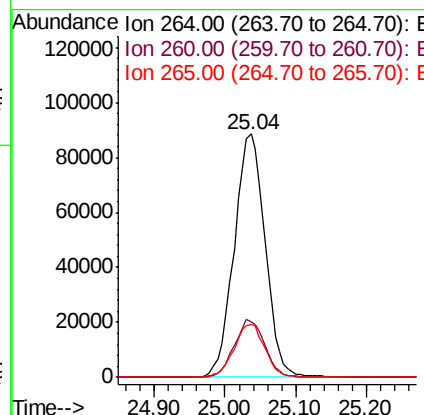
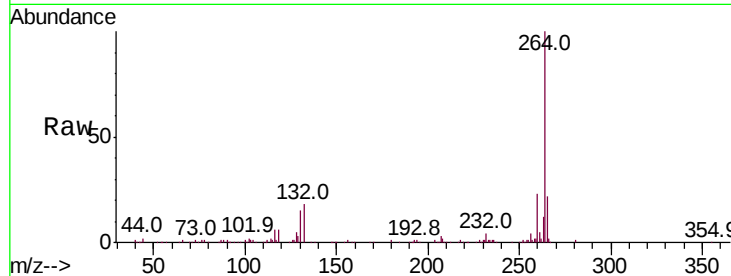


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tot Ion:264 Resp: 269533

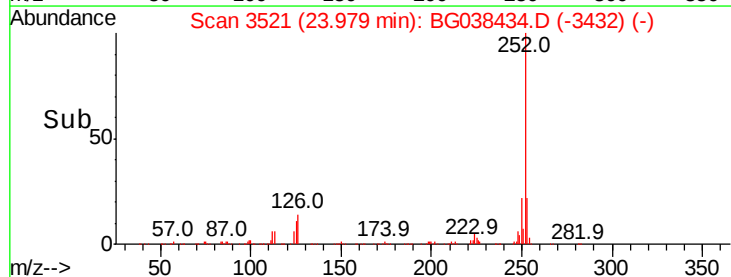
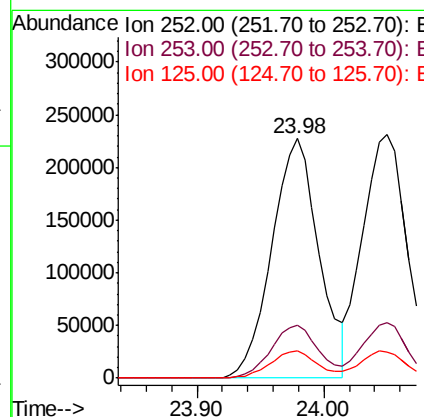
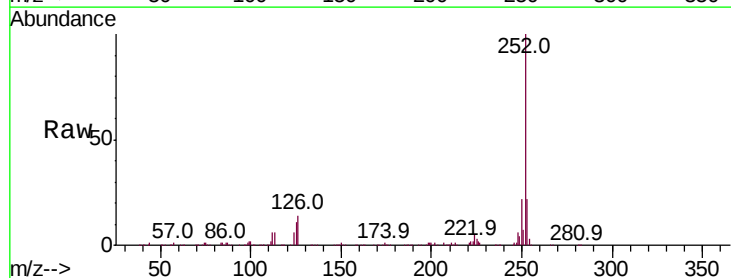
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.6	17.9	26.9

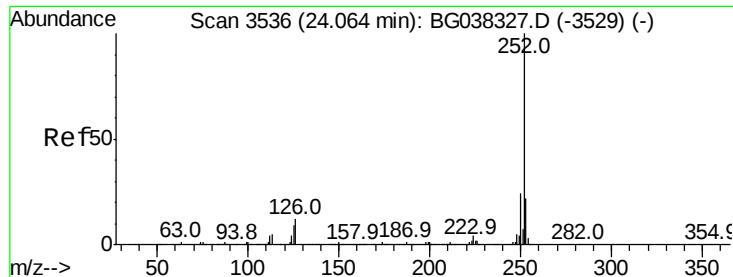


#88
Benzo(b)fluoranthene
Concen: 38.629 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG038434.D
Acq: 8 Dec 2018 12:33

Tgt Ion:252 Resp: 588308

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.2	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 36.976 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

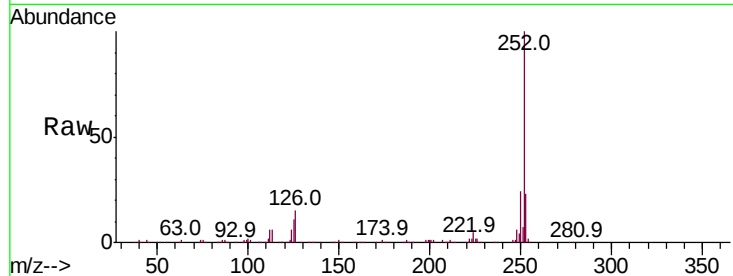
Tot Ion:252 Resp: 560857

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

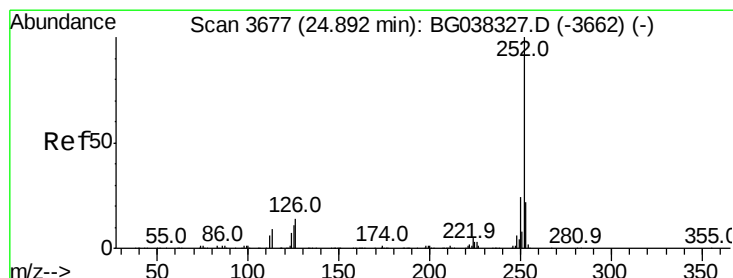
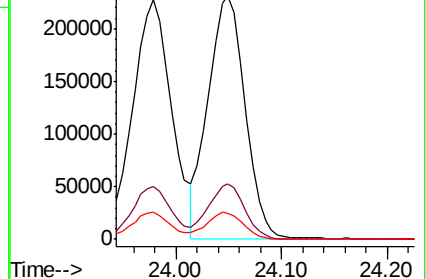
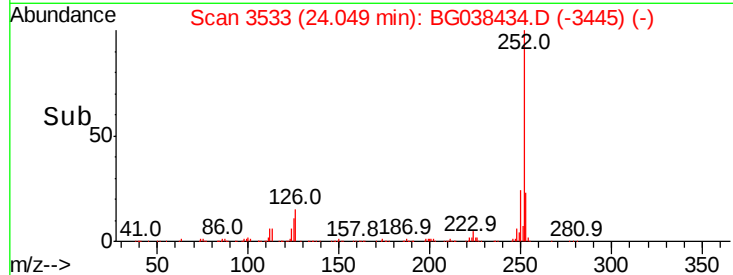
125 10.7 7.4 11.0



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: 37.592 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

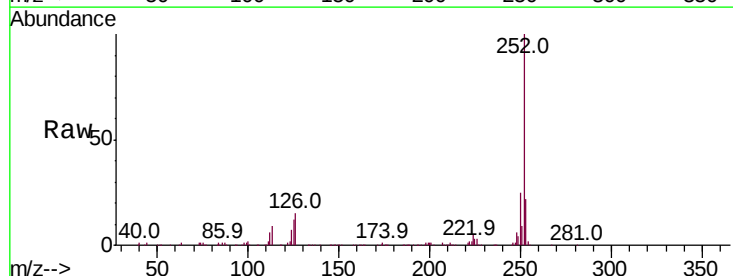
Tgt Ion:252 Resp: 555320

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

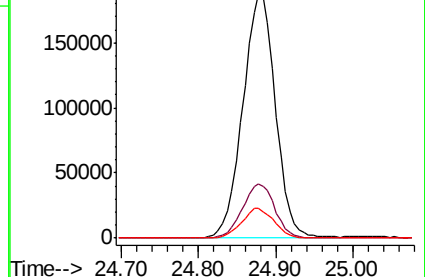
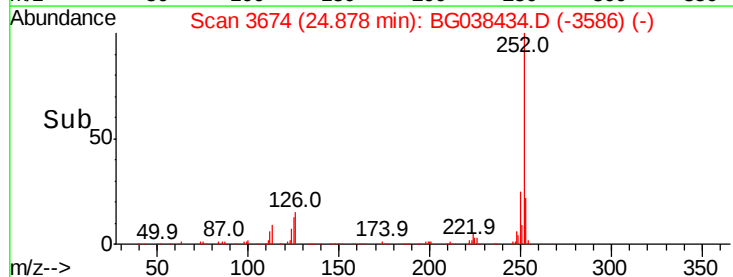
125 12.5 9.0 13.6

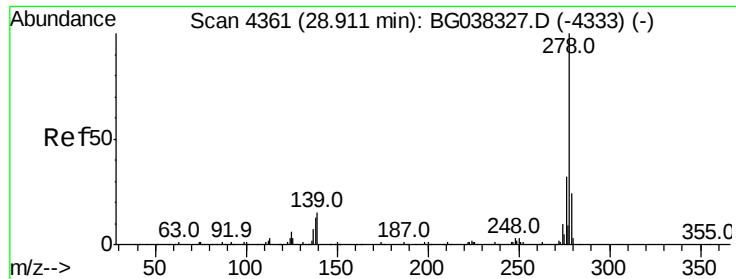


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.853 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.02 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA_G

ClientSampleId :

PB115432BS

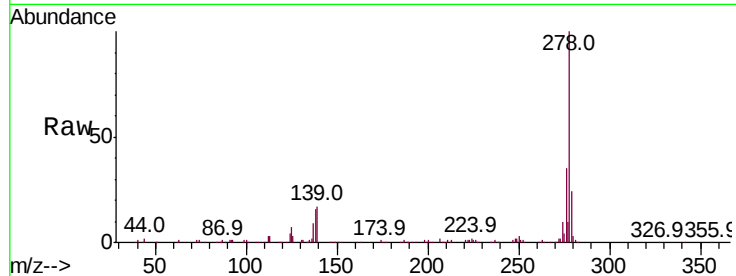
Tot Ion:278 Resp: 530352

Ion Ratio Lower Upper

278 100

139 16.8 11.5 17.3

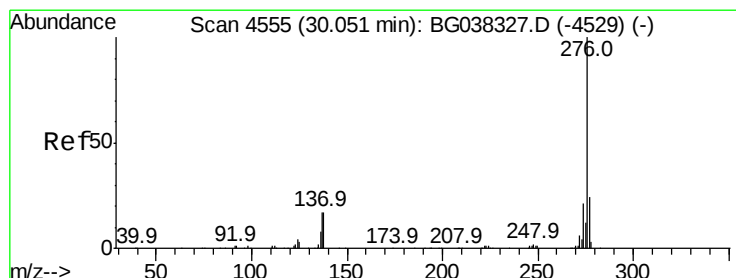
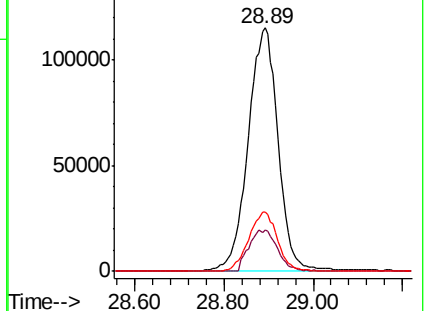
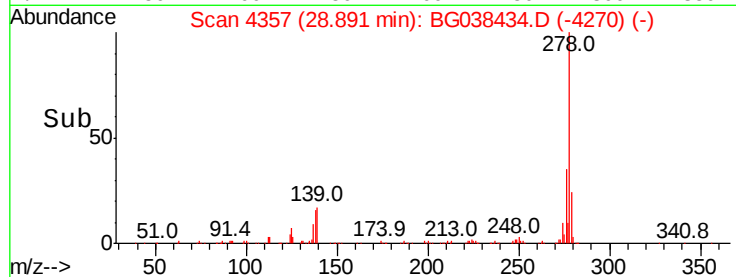
279 24.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.472 ng

RT: 30.01 min Scan# 4548

Delta R.T. -0.04 min

Lab File: BG038434.D

Acq: 8 Dec 2018 12:33

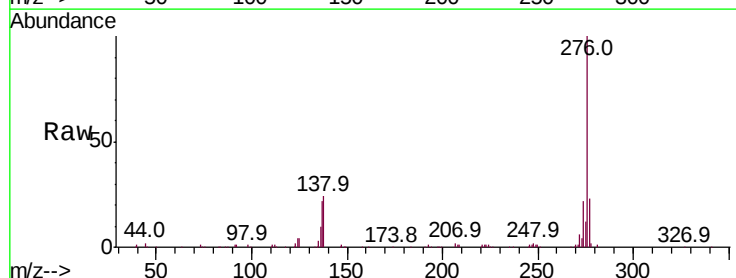
Tgt Ion:276 Resp: 534788

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 23.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

