

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038326.D
 Acq On : 4 Dec 2018 12:43
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 14:02:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 13:58:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	34267	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	161169	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	92605	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	230827	20.00	ng	0.00
76) Chrysene-d12	21.74	240	211320	20.00	ng	0.00
87) Perylene-d12	25.05	264	223927	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	96398	48.57	ng	0.00
7) Phenol-d6	7.22	99	136886	48.32	ng	0.00
23) Nitrobenzene-d5	9.25	82	144880	48.12	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	59598	56.43	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	315042	49.56	ng	0.00
79) Terphenyl-d14	20.06	244	510414	56.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	22231	23.714	ng	97
3) Pyridine	3.91	79	63154	23.616	ng	92
4) n-Nitrosodimethylamine	3.83	42	27679	28.530	ng	83
6) Aniline	7.40	93	89519	24.483	ng	98
8) 2-Chlorophenol	7.63	128	55941	24.291	ng	96
9) Benzaldehyde	7.22	77	46095	22.499	ng	96
10) Phenol	7.25	94	72875	24.285	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	58701	23.961	ng	99
12) 1,3-Dichlorobenzene	7.96	146	66922	25.225	ng	94
13) 1,4-Dichlorobenzene	8.11	146	75150	28.042	ng	96
14) 1,2-Dichlorobenzene	8.43	146	71661	28.008	ng	96
15) Benzyl Alcohol	8.31	79	64884	31.651	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	158512	34.845	ng	99
17) 2-Methylphenol	8.51	107	59988	29.568	ng	97
18) Hexachloroethane	9.15	117	24180	24.791	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	56874	27.744	ng	96
20) 3+4-Methylphenols	8.83	107	80001	27.817	ng	95
22) Acetophenone	8.90	105	97945	24.425	ng	# 98
24) Nitrobenzene	9.29	77	72624	23.580	ng	96
25) Isophorone	9.80	82	127492	23.526	ng	97
26) 2-Nitrophenol	10.00	139	35573	23.136	ng	97
27) 2,4-Dimethylphenol	10.04	122	52839	22.808	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	78302	22.596	ng	94
29) 2,4-Dichlorophenol	10.53	162	59912	22.992	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	66906	22.913	ng	94
31) Naphthalene	10.94	128	187860	23.698	ng	98
32) Benzoic acid	10.17	122	33791	28.418	ng	94
33) 4-Chloroaniline	11.06	127	83572	22.664	ng	96
34) Hexachlorobutadiene	11.20	225	41271	22.965	ng	96
35) Caprolactam	11.83	113	24697	23.679	ng	# 84
36) 4-Chloro-3-methylphenol	12.16	107	64753	22.746	ng	96
37) 2-Methylnaphthalene	12.54	142	122261	21.472	ng	93
38) 1-Methylnaphthalene	12.76	142	121558	22.178	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	75652	24.448	ng	99

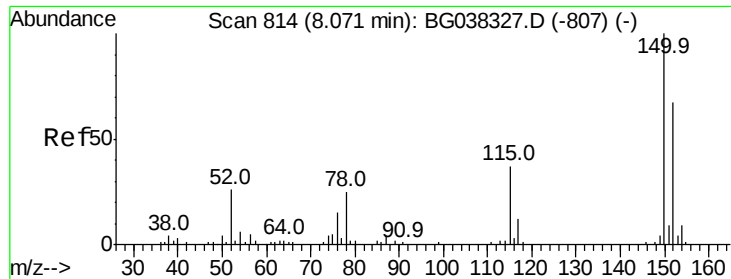
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038326.D
 Acq On : 4 Dec 2018 12:43
 Operator : JU/SJ
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Instrument :
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Quant Time: Dec 04 14:02:50 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 13:58:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	41329	24.942	nq	99
43) 2,4,6-Trichlorophenol	13.14	196	49555	23.501	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	53740	24.221	nq	98
46) 1,1'-Biphenyl	13.54	154	189709	24.385	nq	97
47) 2-Chloronaphthalene	13.59	162	142802	24.054	nq	98
48) 2-Nitroaniline	13.80	65	50334	26.939	nq	95
49) Acenaphthylene	14.43	152	222059	24.874	nq	99
50) Dimethylphthalate	14.16	163	188631	25.694	nq	99
51) 2,6-Dinitrotoluene	14.29	165	43091	25.934	nq	94
52) Acenaphthene	14.77	154	140142	26.075	nq	98
53) 3-Nitroaniline	14.63	138	46365	25.288	nq #	98
54) 2,4-Dinitrophenol	14.83	184	23003	32.857	nq #	83
55) Dibenzofuran	15.10	168	236423	26.603	nq	98
56) 4-Nitrophenol	14.92	139	38705	27.371	nq	95
57) 2,4-Dinitrotoluene	15.07	165	63455	28.068	nq #	98
58) Fluorene	15.76	166	174097	26.256	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	49199	26.500	nq	94
60) Diethylphthalate	15.51	149	222241	28.501	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	101625	26.193	nq	99
62) 4-Nitroaniline	15.79	138	51854	28.469	nq	92
63) Azobenzene	16.03	77	194525	27.901	nq	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	40144	27.496	nq	97
66) n-Nitrosodiphenylamine	15.96	169	174605	25.004	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	66148	26.109	nq	98
68) Hexachlorobenzene	16.75	284	68448	26.174	nq	97
69) Atrazine	16.90	200	68112	26.459	nq	99
70) Pentachlorophenol	17.10	266	44586	25.104	nq	94
71) Phenanthrene	17.50	178	305583	25.857	nq	97
72) Anthracene	17.59	178	301483	25.880	nq	99
73) Carbazole	17.86	167	295748	25.304	nq	98
74) Di-n-butylphthalate	18.40	149	346080	26.378	nq	98
75) Fluoranthene	19.50	202	368260	27.312	nq	98
77) Benzidine	19.69	184	193448	26.089	nq	99
78) Pyrene	19.87	202	368816	26.694	nq	96
80) Butylbenzylphthalate	20.74	149	152435	25.229	nq	100
81) Benzo(a)anthracene	21.72	228	330348	25.869	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	131676	26.470	nq	99
83) Chrysene	21.79	228	311470	25.492	nq	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	212913	24.710	nq	97
85) Di-n-octyl phthalate	22.82	149	365192	26.198	nq	99
86) Indeno(1,2,3-cd)pyrene	28.85	276	361602	26.647	nq #	92
88) Benzo(b)fluoranthene	23.99	252	314334	25.508	nq	98
89) Benzo(k)fluoranthene	24.06	252	308256	25.351	nq	99
90) Benzo(a)pyrene	24.89	252	300604	25.525	nq	97
91) Dibenzo(a,h)anthracene	28.90	278	302119	26.662	nq	100
92) Benzo(g,h,i)perylene	30.04	276	318942	28.308	nq	99

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

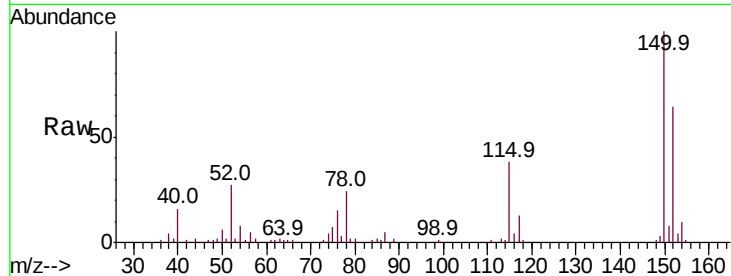


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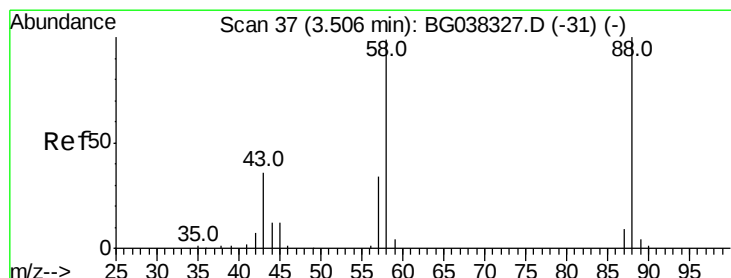
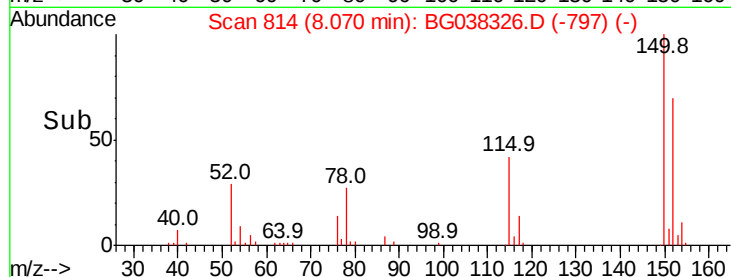
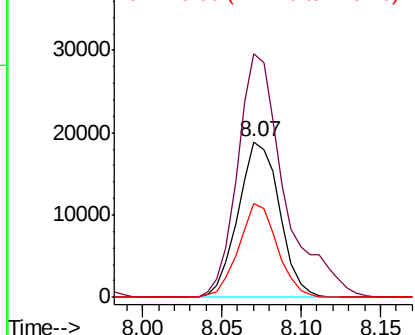
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34267
Ion Ratio Lower Upper
152 100
150 156.5 126.0 189.0
115 60.2 45.5 68.3



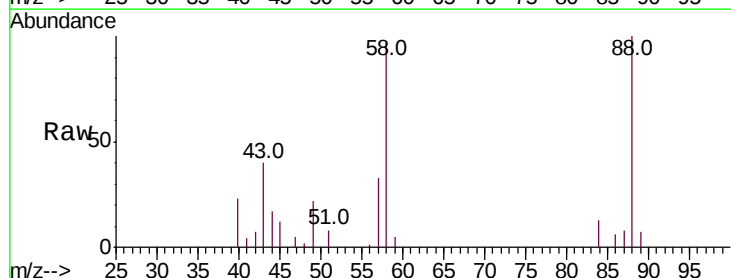
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



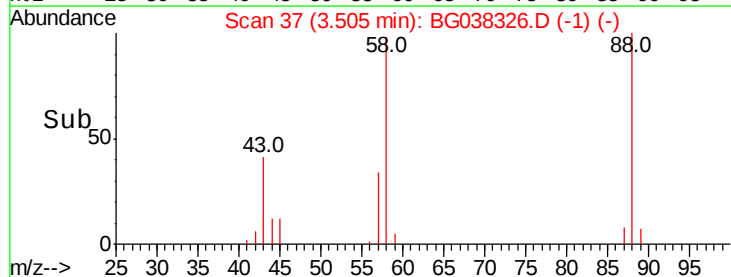
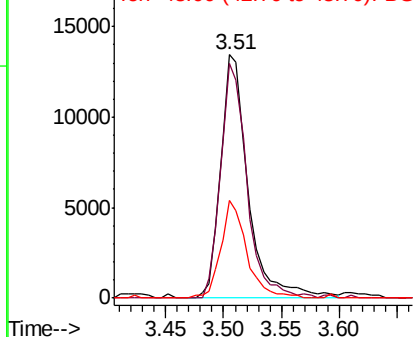
#2

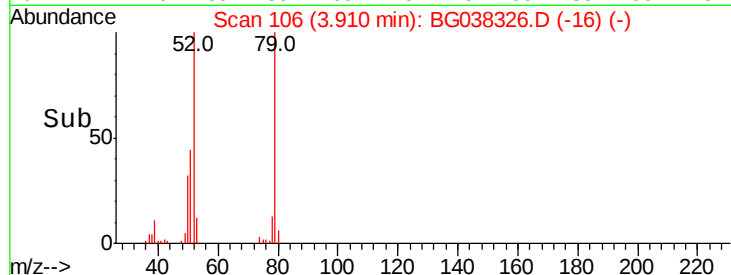
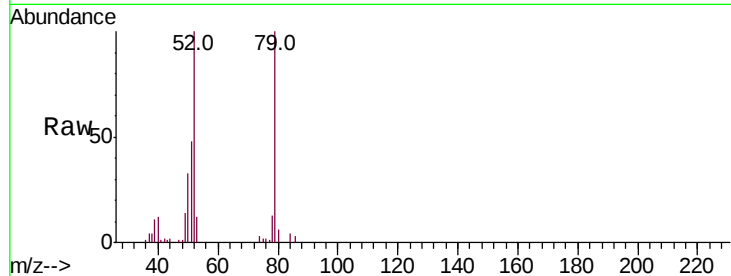
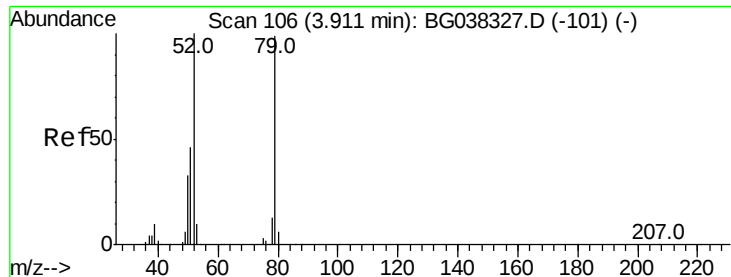
1,4-Dioxane
Concen: 23.714 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion: 88 Resp: 22231
Ion Ratio Lower Upper
88 100
58 92.3 74.4 111.6
43 37.6 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: 23.616 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

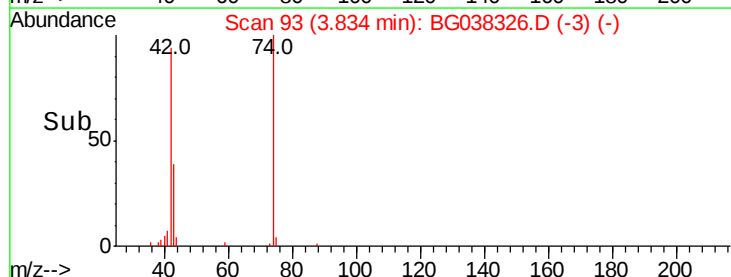
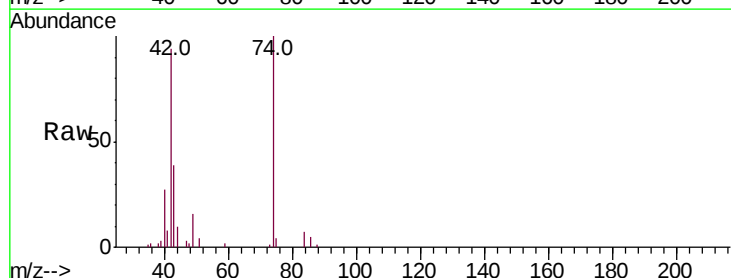
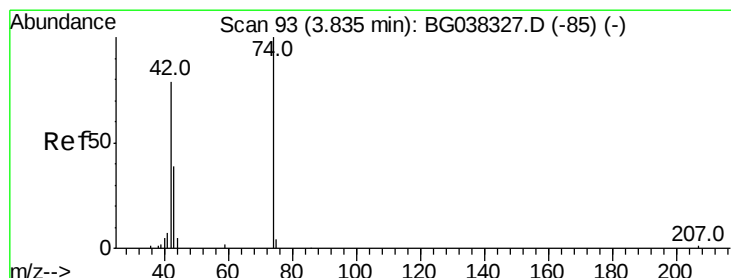
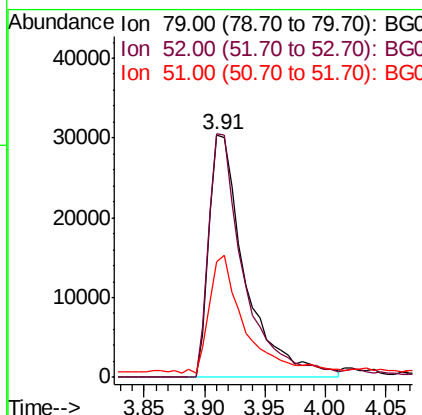
Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 63154

Ion	Ratio	Lower	Upper
79	100		
52	100.2	74.2	111.2
51	47.8	34.6	51.8



#4

n-Nitrosodimethylamine

Concen: 28.530 ng

RT: 3.83 min Scan# 93

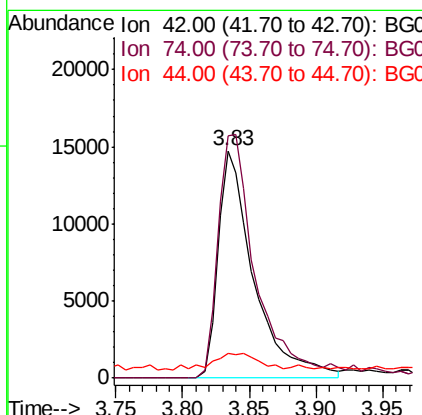
Delta R.T. -0.00 min

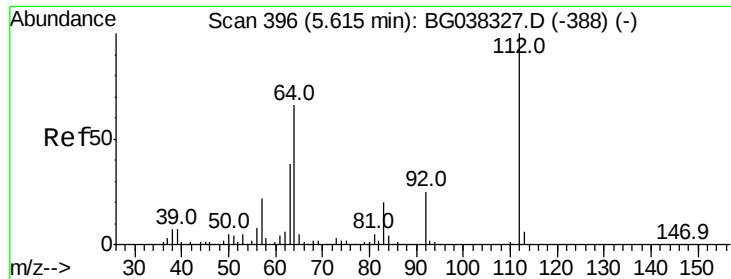
Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Tgt Ion: 42 Resp: 27679

Ion	Ratio	Lower	Upper
42	100		
74	106.4	102.0	153.0
44	10.8	9.6	14.4





#5

2-Fluorophenol

Concen: 48.571 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

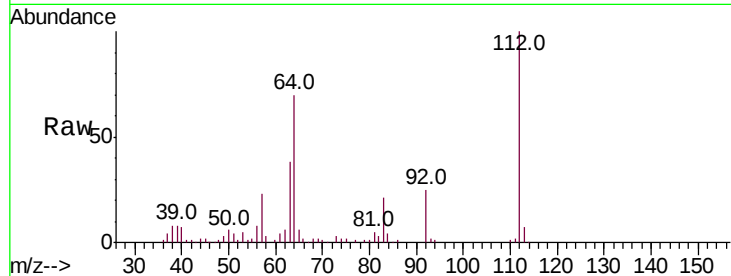
Tot Ion:112 Resp: 96398

Ion Ratio Lower Upper

112 100

64 70.1 53.1 79.7

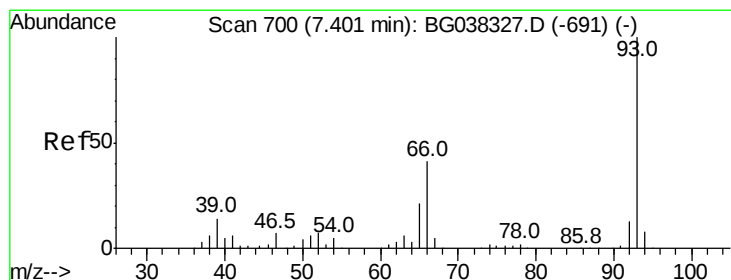
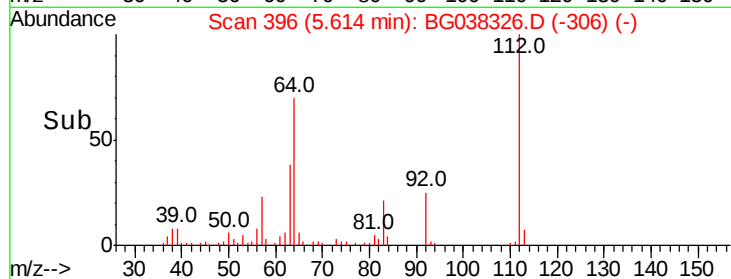
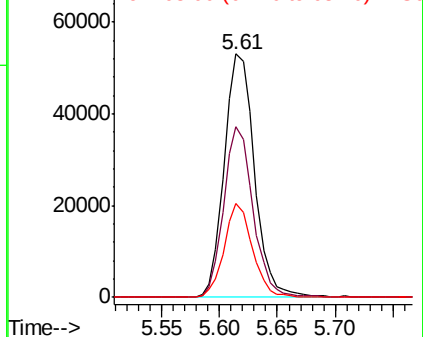
63 38.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.483 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

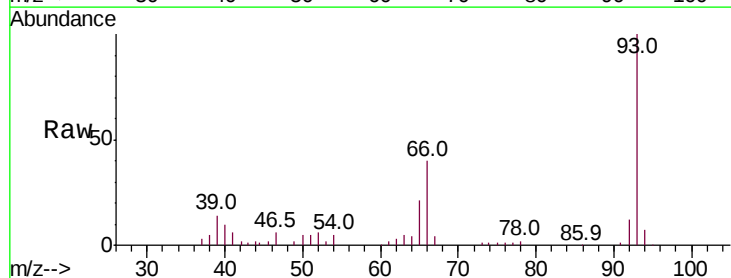
Tgt Ion: 93 Resp: 89519

Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

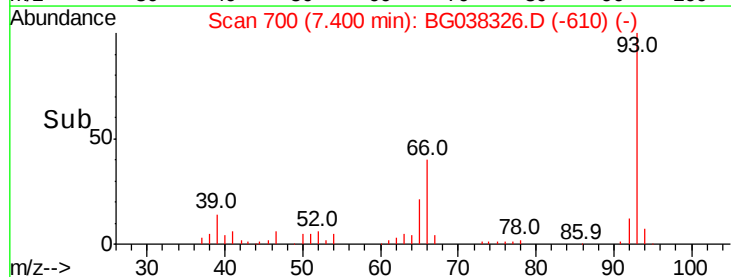
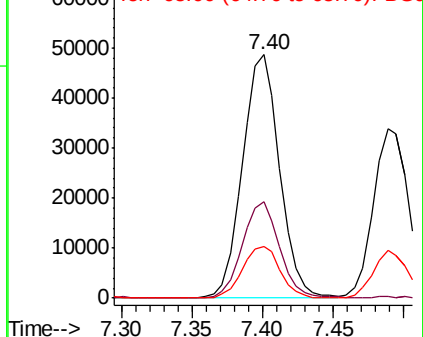
65 21.3 16.4 24.6

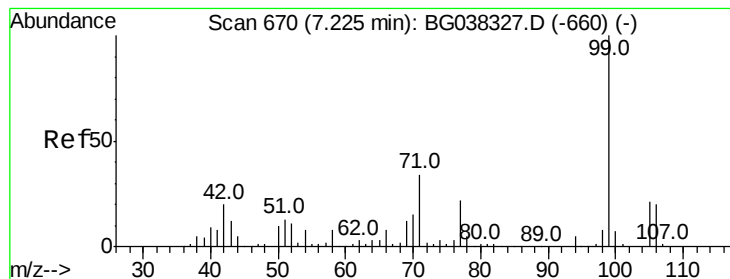


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 48.318 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampled :

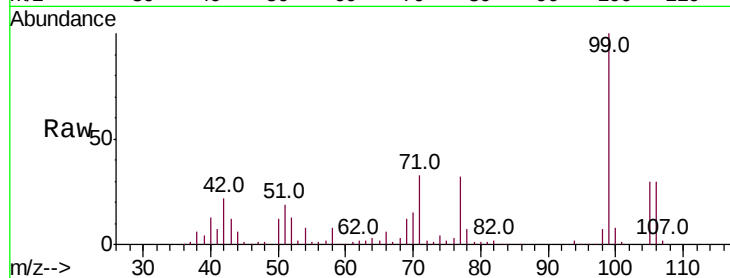
Tot Ion: 99 Resp: 136886

Ion Ratio Lower Upper

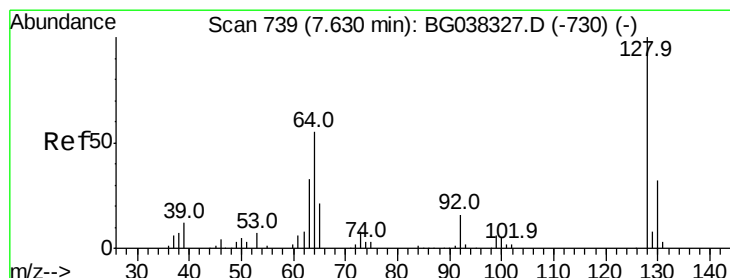
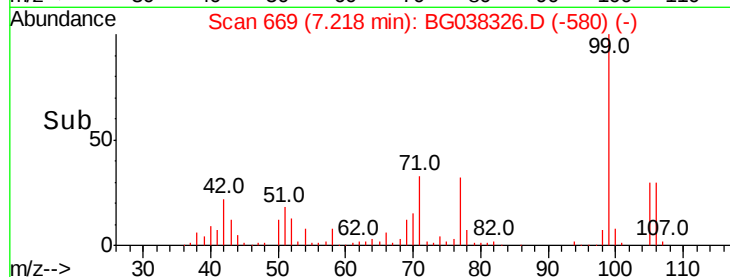
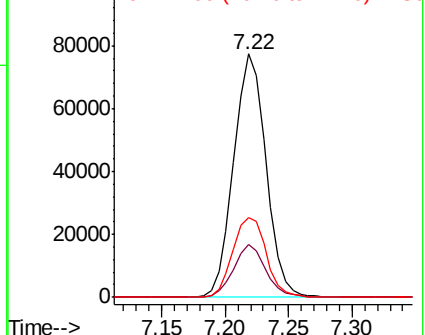
99 100

42 21.6 15.0 22.4

71 33.0 25.5 38.3



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



#8

2-Chlorophenol

Concen: 24.291 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

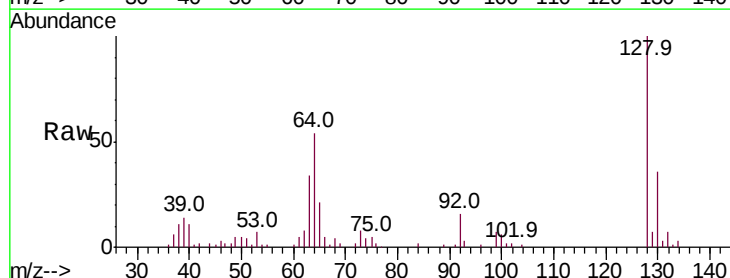
Tgt Ion:128 Resp: 55941

Ion Ratio Lower Upper

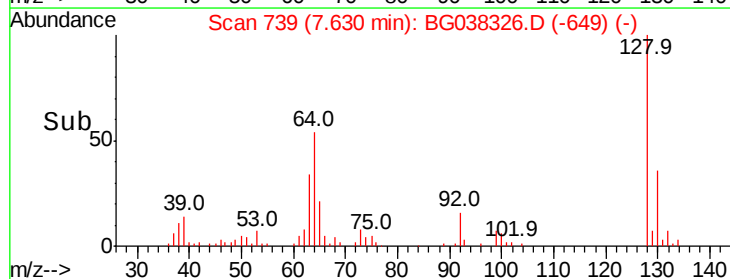
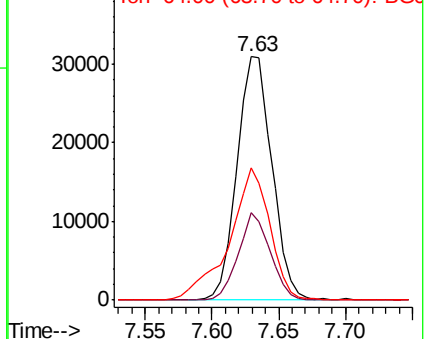
128 100

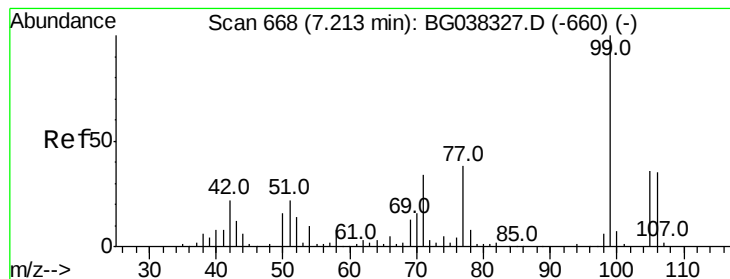
130 35.8 12.0 52.0

64 54.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 22.499 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

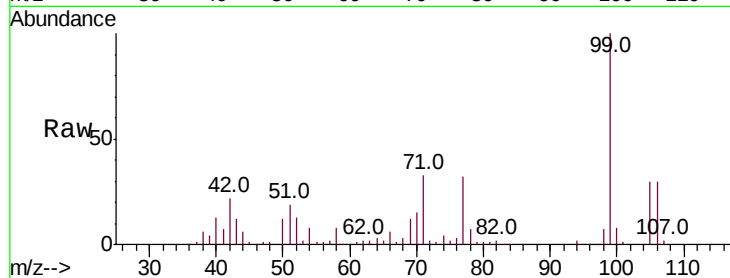
Tot Ion: 77 Resp: 46095

Ion Ratio Lower Upper

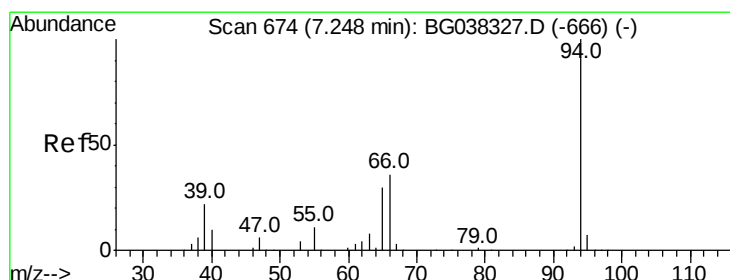
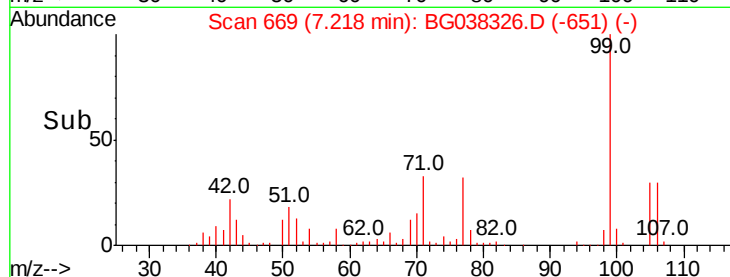
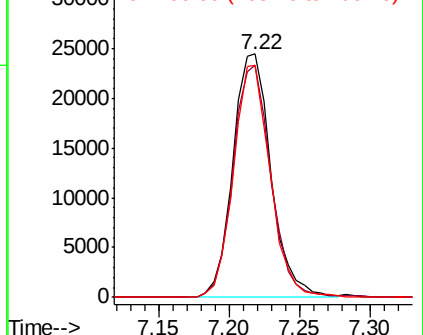
77 100

105 95.6 72.6 112.6

106 95.5 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: 24.285 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

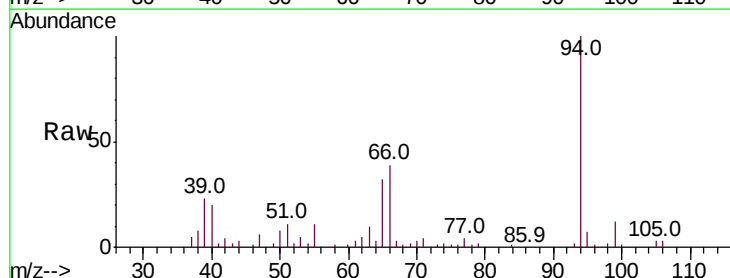
Tgt Ion: 94 Resp: 72875

Ion Ratio Lower Upper

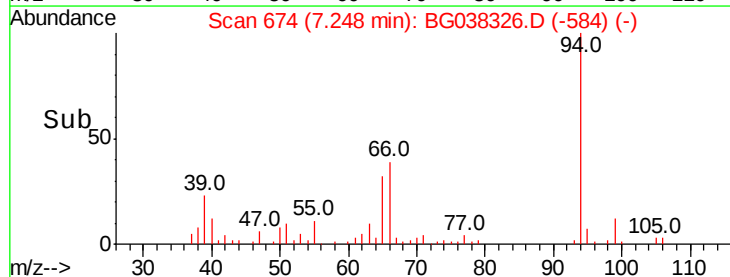
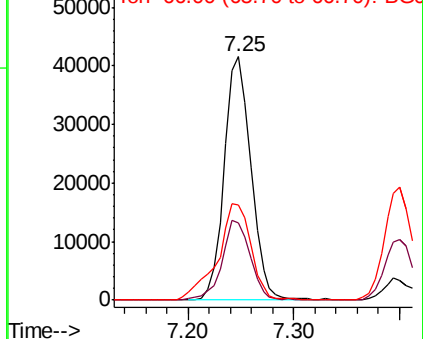
94 100

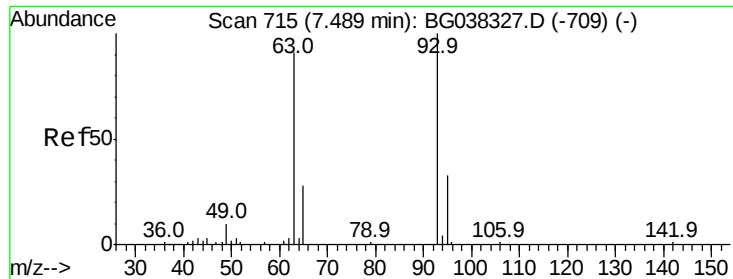
65 31.8 9.7 49.7

66 39.2 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



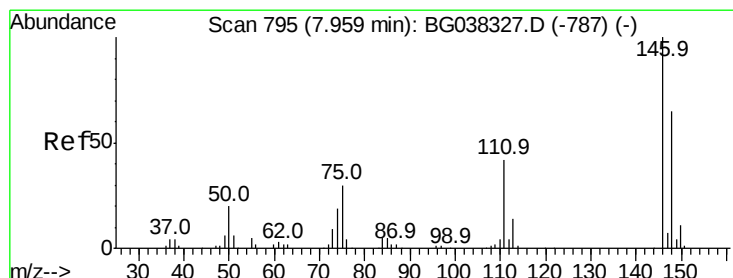
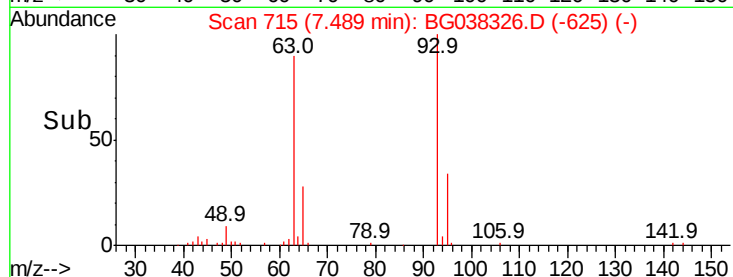
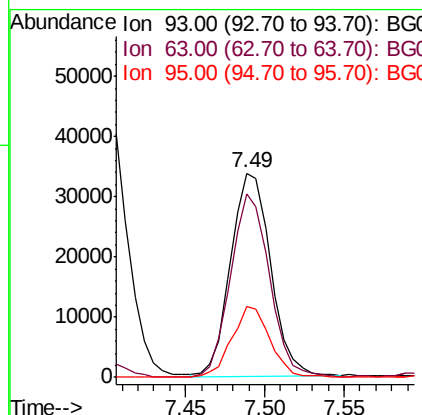
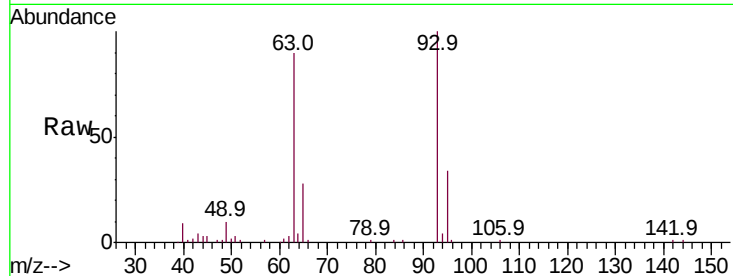


#11
 bis(2-Chloroethyl)ether
 Concen: 23.961 ng
 RT: 7.49 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 58701

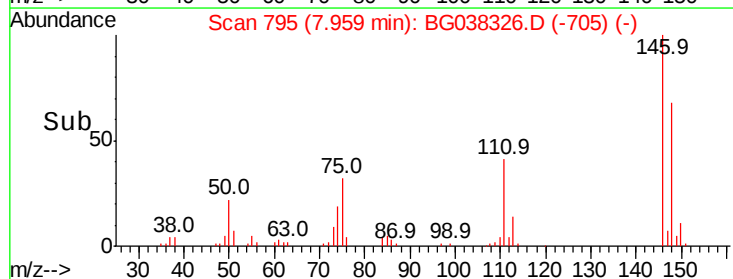
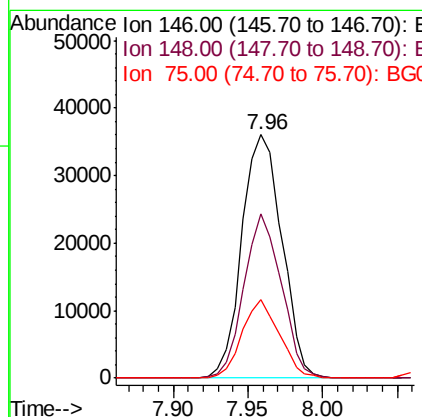
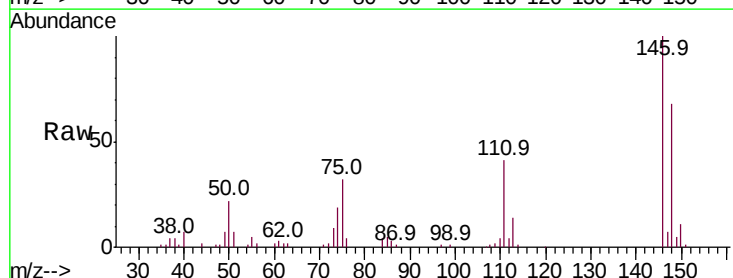
Ion	Ratio	Lower	Upper
93	100		
63	89.5	69.5	109.5
95	34.4	12.6	52.6

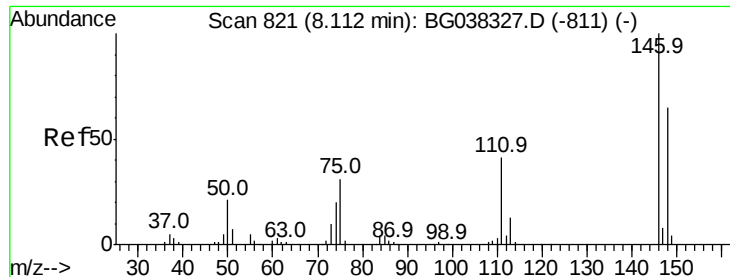


#12
 1,3-Dichlorobenzene
 Concen: 25.225 ng
 RT: 7.96 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion: 146 Resp: 66922

Ion	Ratio	Lower	Upper
146	100		
148	67.5	49.8	74.8
75	32.2	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 28.042 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

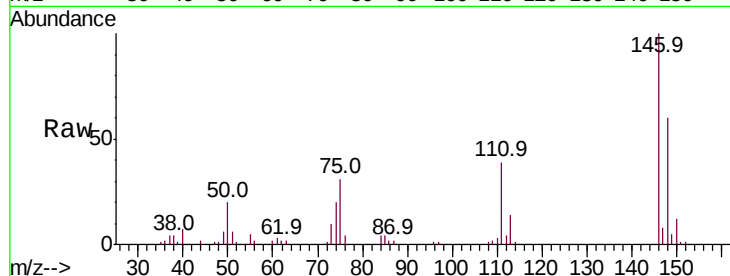
Instrument :

BNA_G

ClientSampled :

Tot Ion:146 Resp: 75150

Ion	Ratio	Lower	Upper
146	100		
148	60.3	51.0	76.6
111	39.2	32.4	48.6

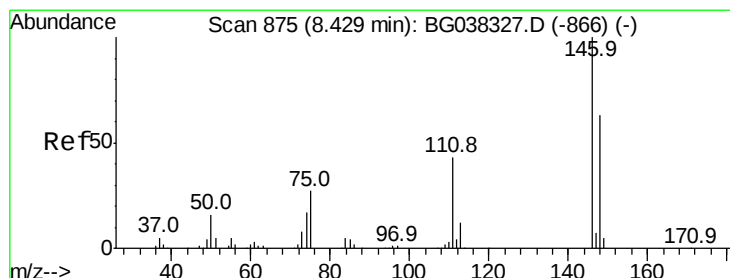
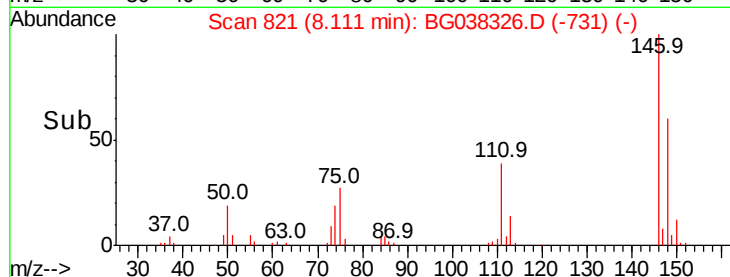
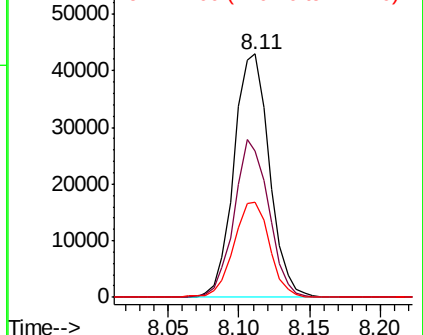


Abundance

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: 28.008 ng

RT: 8.43 min Scan# 875

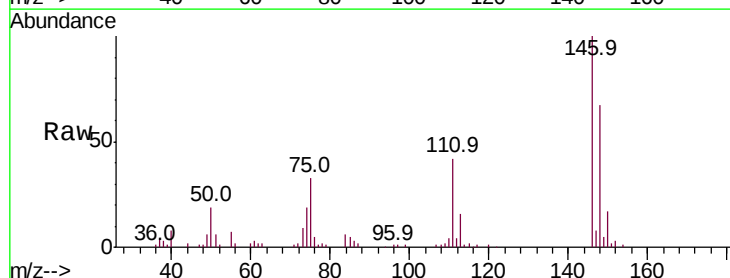
Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Tgt Ion:146 Resp: 71661

Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.4	75.6
111	42.0	34.6	51.8

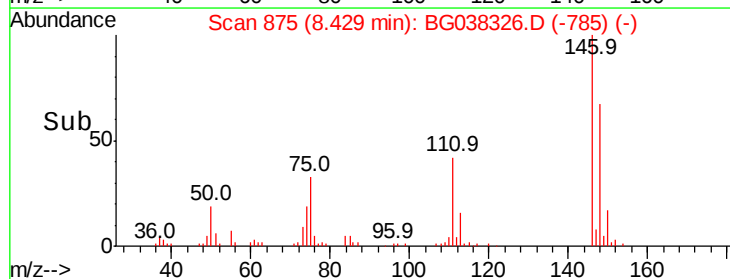
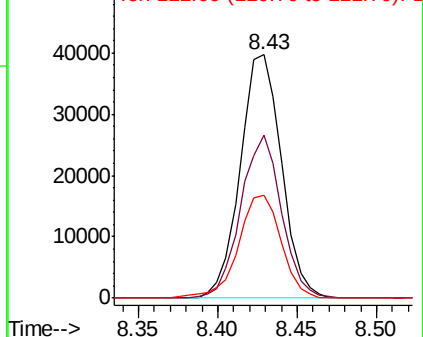


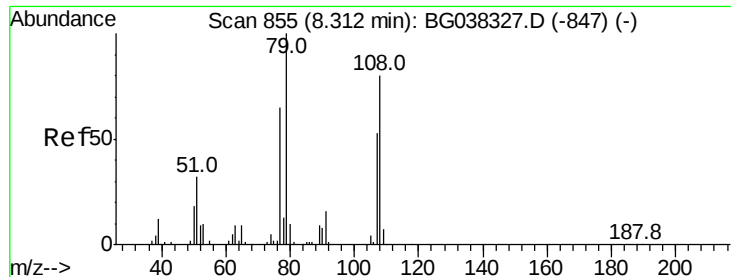
Abundance

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: 31.651 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

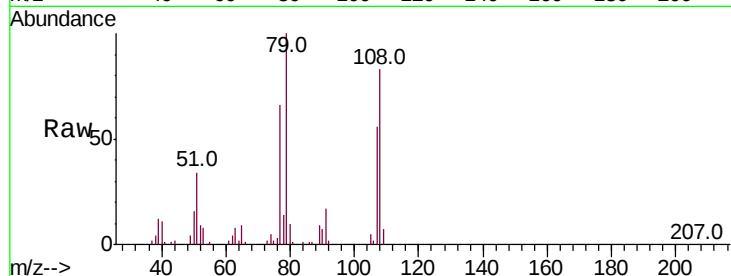
Tot Ion: 79 Resp: 64884

Ion Ratio Lower Upper

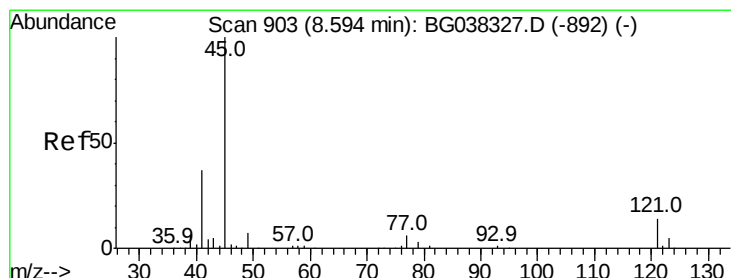
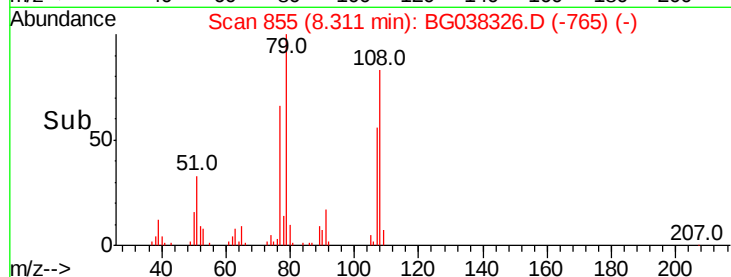
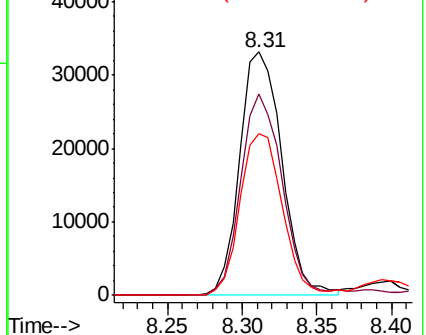
79 100

108 83.0 65.8 98.8

77 66.4 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.845 ng

RT: 8.60 min Scan# 904

Delta R.T. 0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

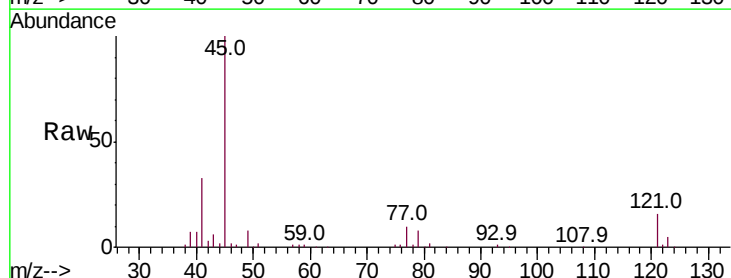
Tgt Ion: 45 Resp: 158512

Ion Ratio Lower Upper

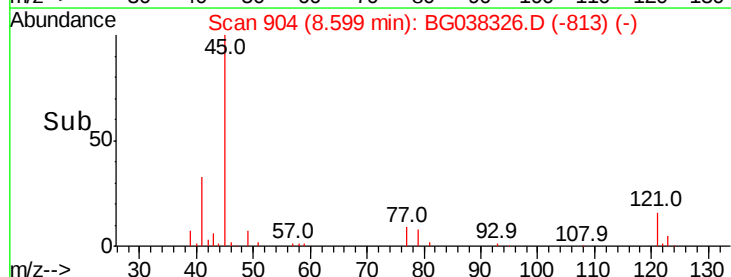
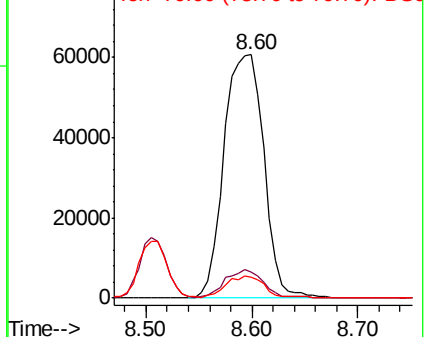
45 100

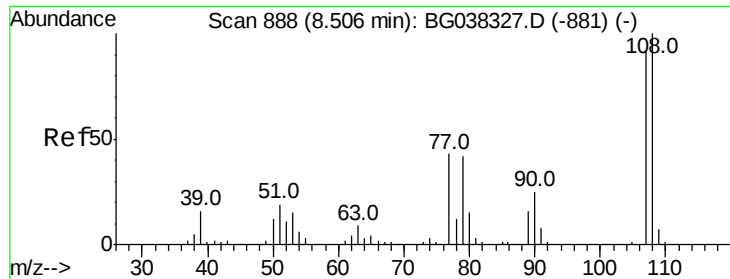
77 10.5 0.0 30.0

79 8.4 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

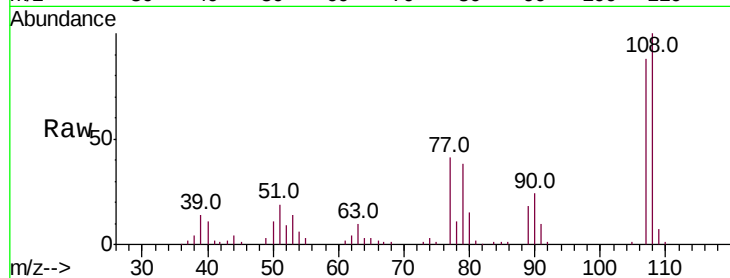




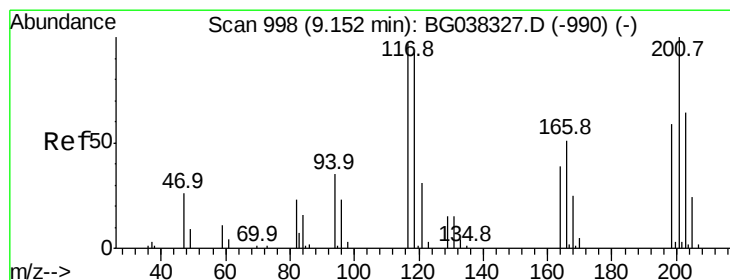
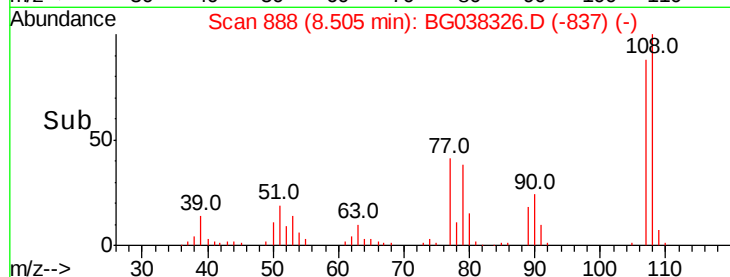
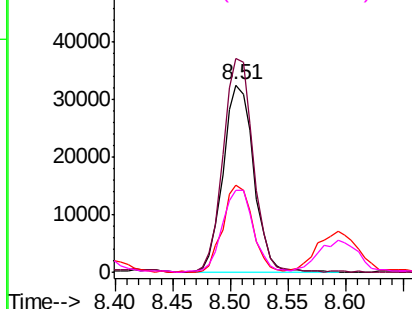
#17
2-Methylphenol
Concen: 29.568 ng
RT: 8.51 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 59988
Ion Ratio Lower Upper
107 100
108 114.2 87.9 131.9
77 46.6 35.1 52.7
79 43.8 34.5 51.7

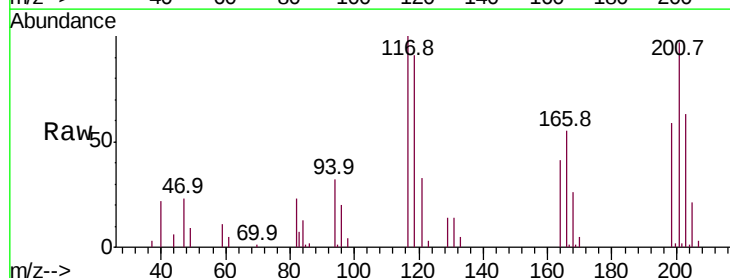


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

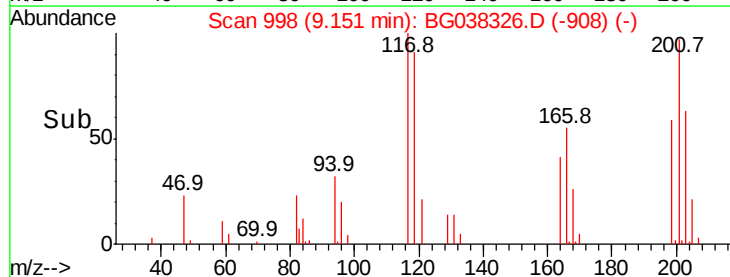
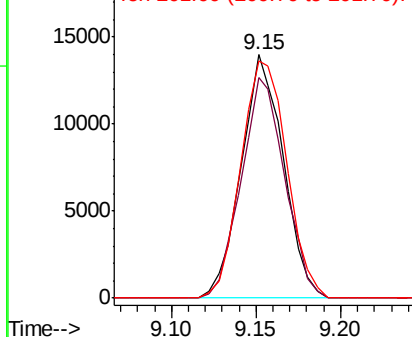


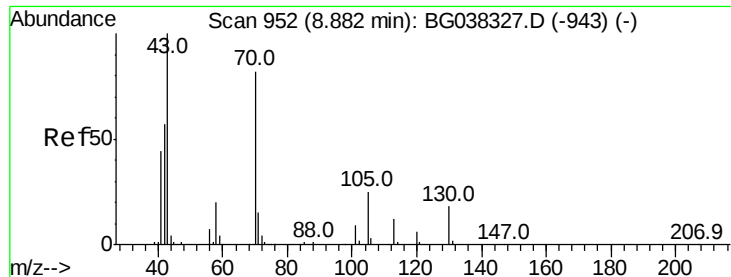
#18
Hexachloroethane
Concen: 24.791 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:117 Resp: 24180
Ion Ratio Lower Upper
117 100
119 90.6 74.6 111.8
201 99.8 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

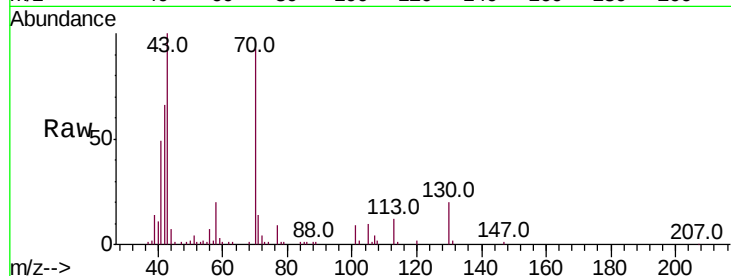




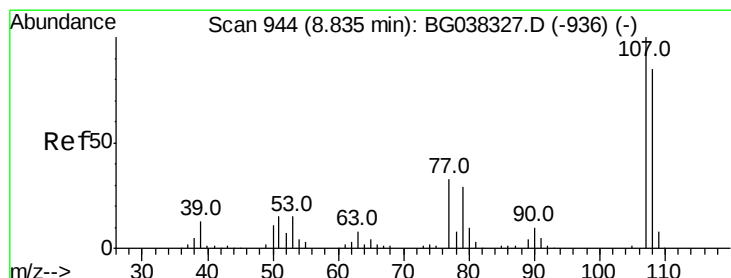
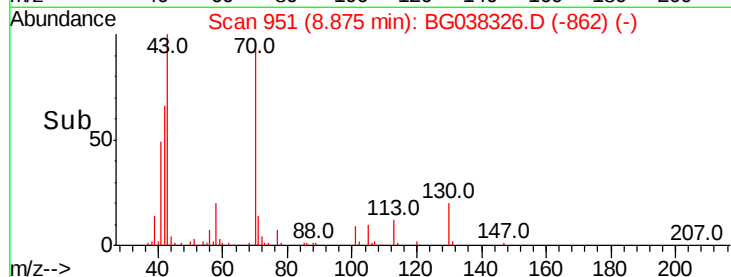
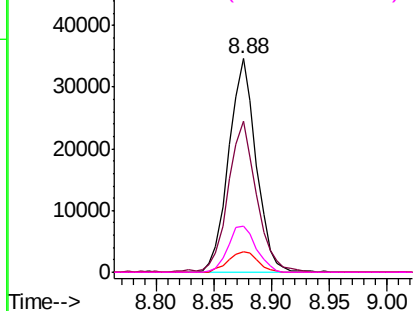
#19
n-Nitroso-di-n-propylamine
Concen: 27.744 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 56874
Ion Ratio Lower Upper
70 100
42 70.9 53.9 80.9
101 9.3 8.2 12.2
130 21.8 18.2 27.4

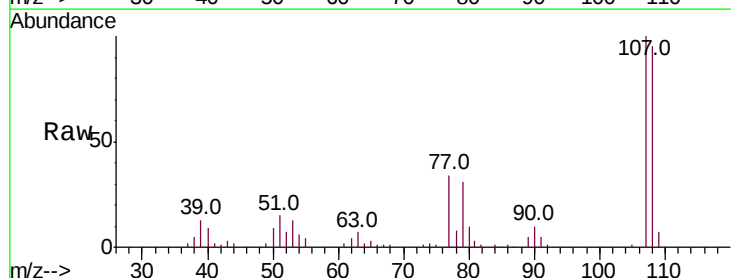


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

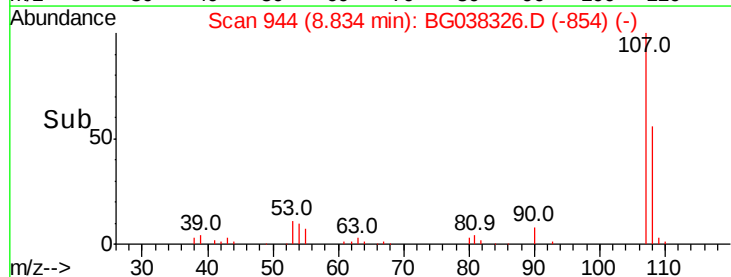
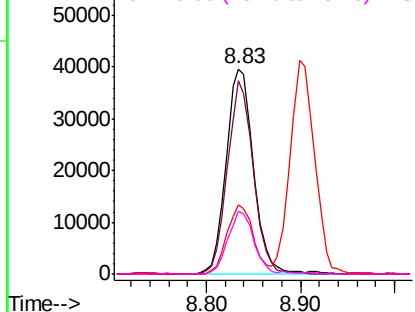


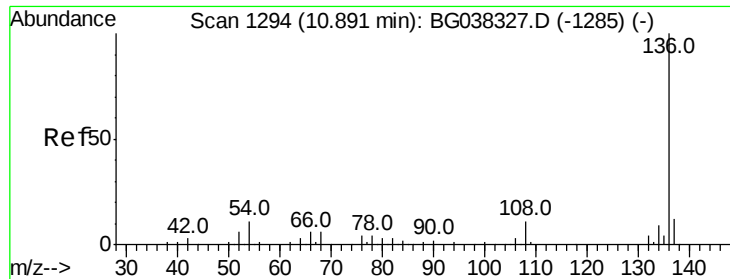
#20
3+4-Methylphenols
Concen: 27.817 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:107 Resp: 80001
Ion Ratio Lower Upper
107 100
108 94.6 69.9 109.9
77 33.9 11.2 51.2
79 30.6 6.6 46.6



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

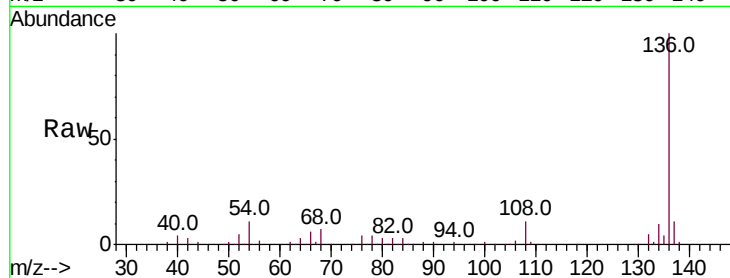




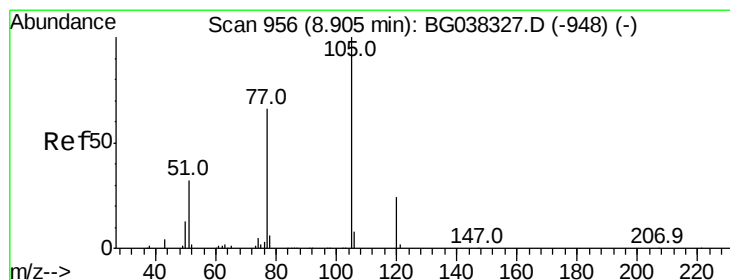
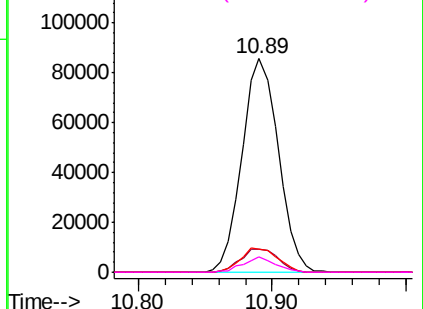
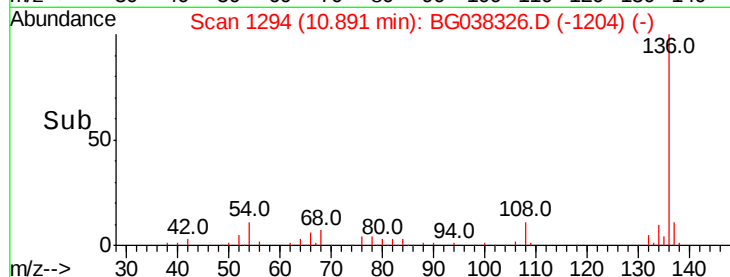
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	161169
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.0	7.9	11.9
68	7.0	4.8	7.2

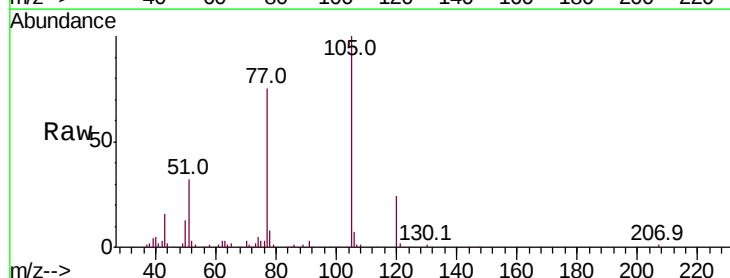


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

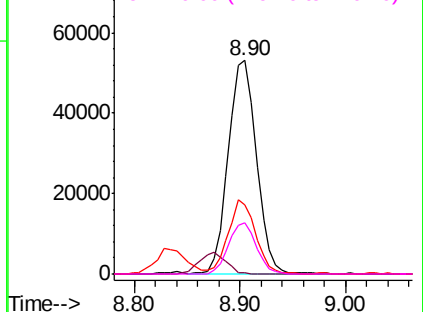
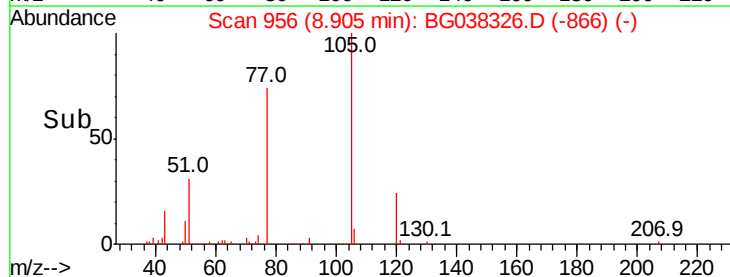


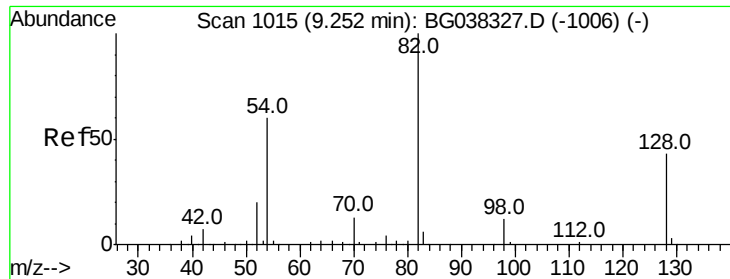
#22
Acetophenone
Concen: 24.425 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:	105	Resp:	97945
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	32.5	25.0	37.6
120	23.9	18.6	28.0



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

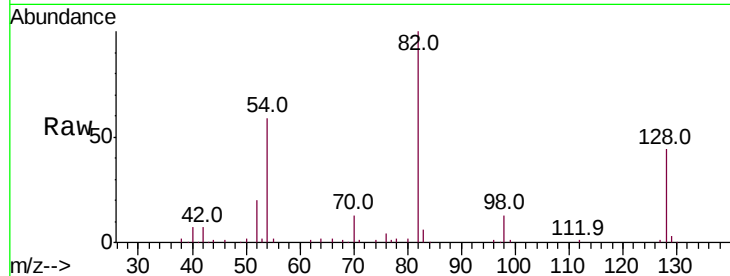




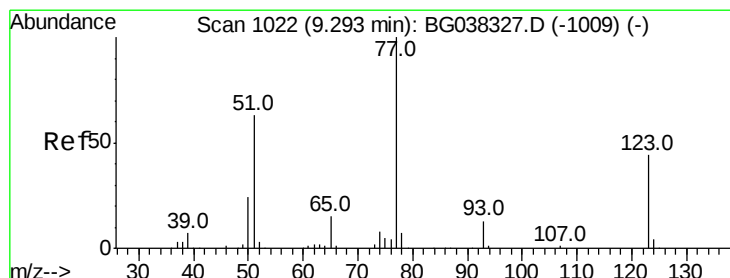
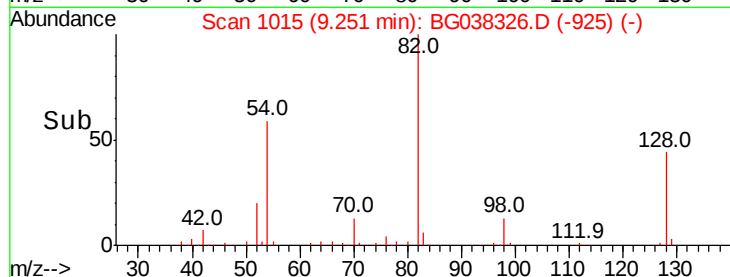
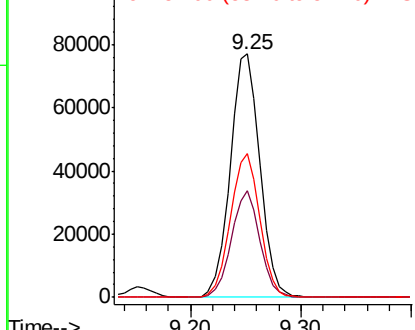
#23
Nitrobenzene-d5
Concen: 48.120 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 144880
Ion Ratio Lower Upper
82 100
128 43.7 34.6 51.8
54 58.9 45.3 67.9

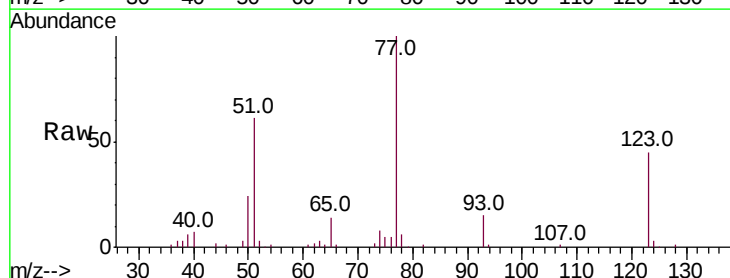


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

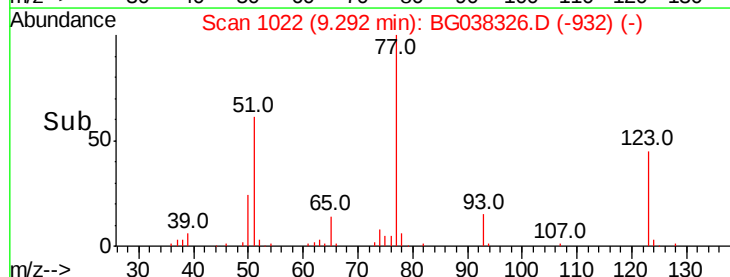
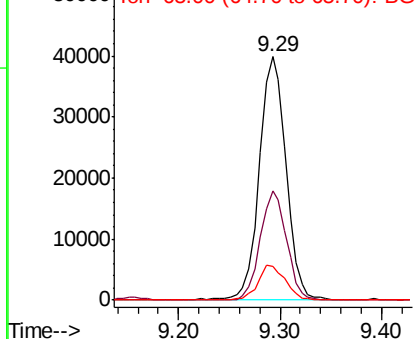


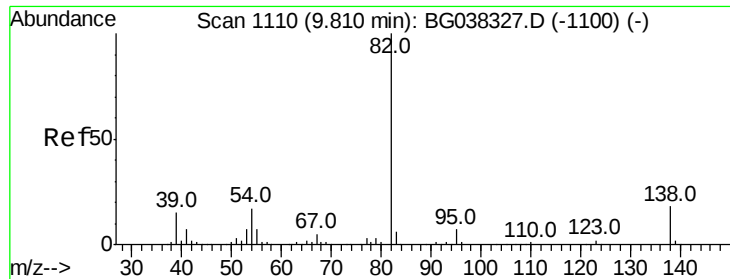
#24
Nitrobenzene
Concen: 23.580 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion: 77 Resp: 72624
Ion Ratio Lower Upper
77 100
123 44.9 33.6 50.4
65 13.6 11.3 16.9



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





#25

Isophorone

Concen: 23.526 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

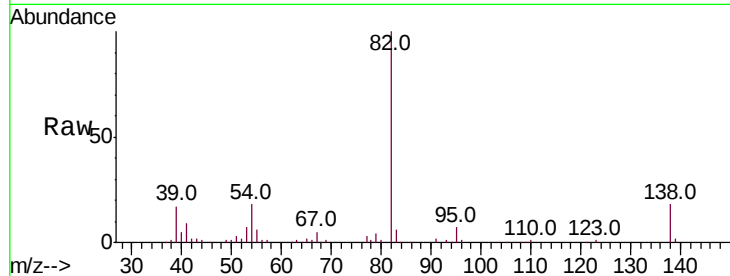
Tot Ion: 82 Resp: 127492

Ion Ratio Lower Upper

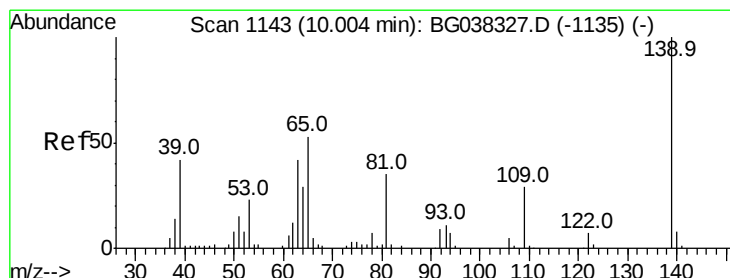
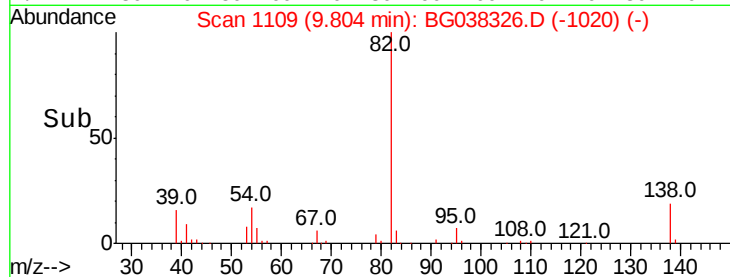
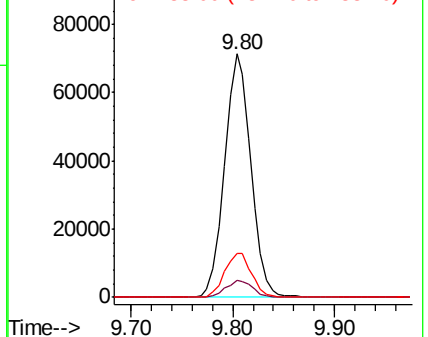
82 100

95 6.8 5.3 7.9

138 18.3 13.3 19.9



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



#26

2-Nitrophenol

Concen: 23.136 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

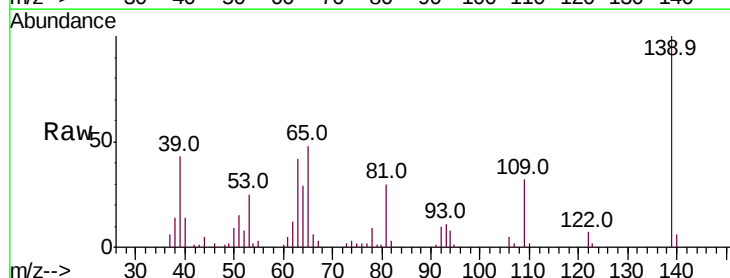
Tgt Ion:139 Resp: 35573

Ion Ratio Lower Upper

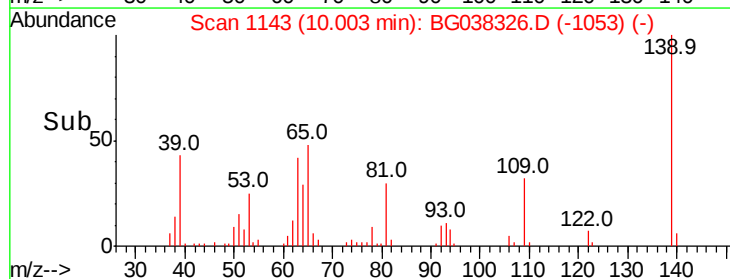
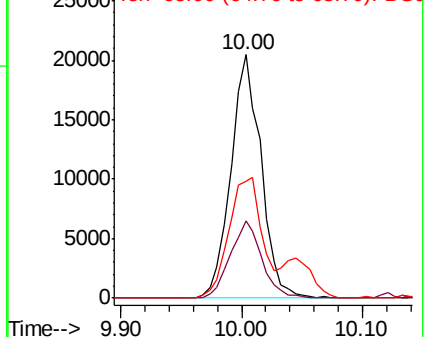
139 100

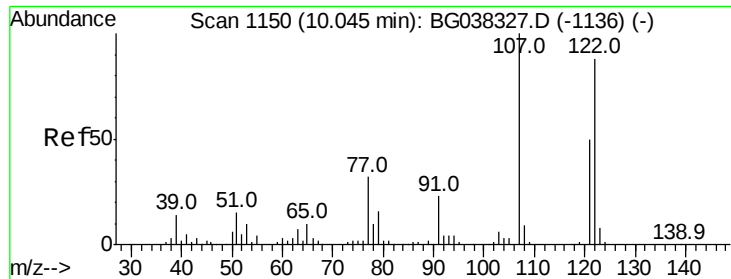
109 31.7 23.3 34.9

65 47.9 39.8 59.8



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





#27

2,4-Dimethylphenol

Concen: 22.808 ng

RT: 10.04 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampled :

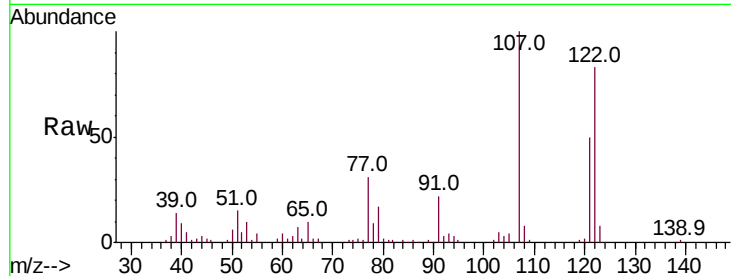
Tot Ion:122 Resp: 52839

Ion Ratio Lower Upper

122 100

107 120.1 94.2 141.2

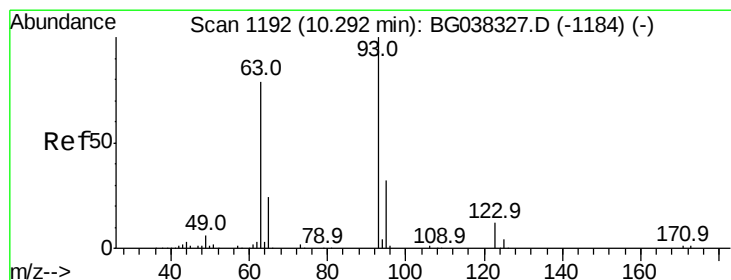
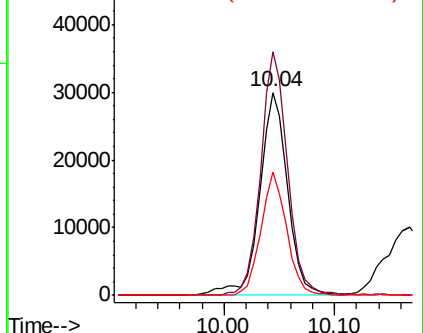
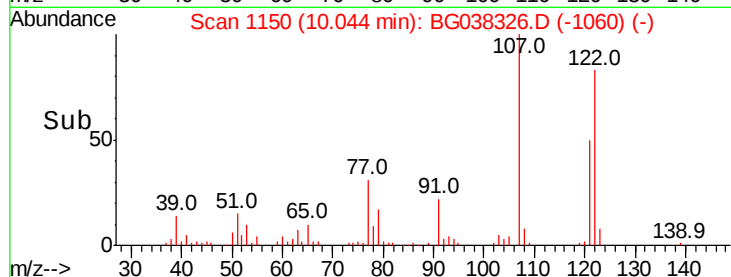
121 60.5 47.3 70.9



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: 22.596 ng

RT: 10.29 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

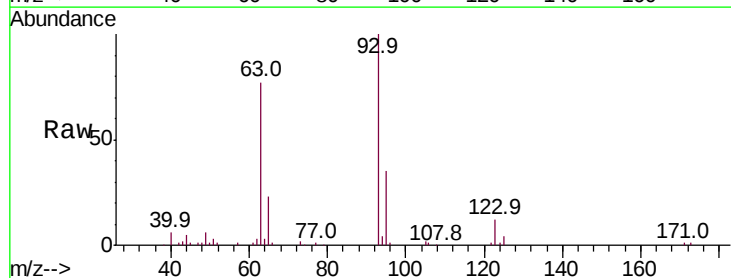
Tgt Ion: 93 Resp: 78302

Ion Ratio Lower Upper

93 100

95 34.7 24.6 37.0

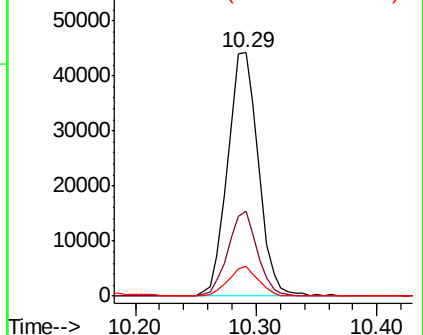
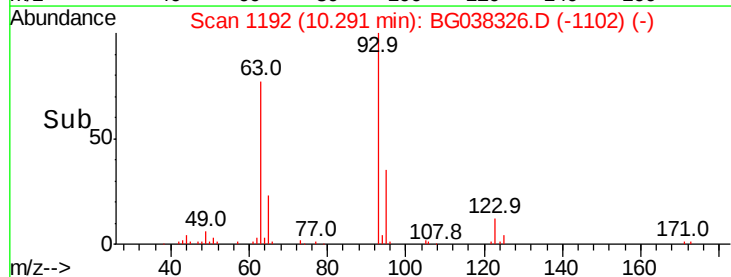
123 12.1 9.1 13.7

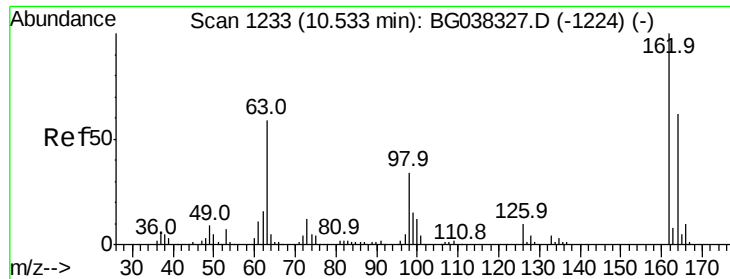


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

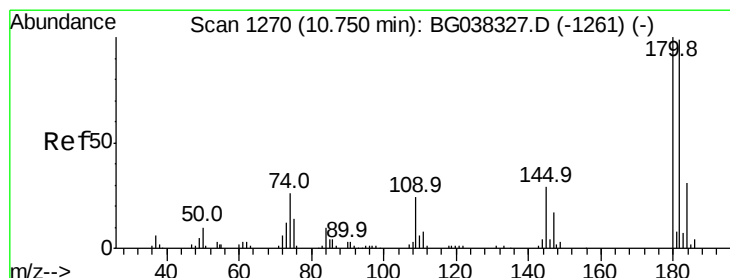
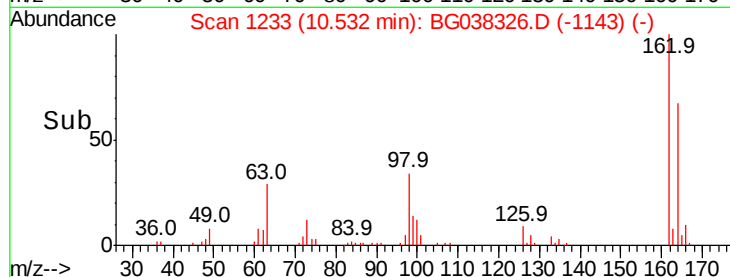
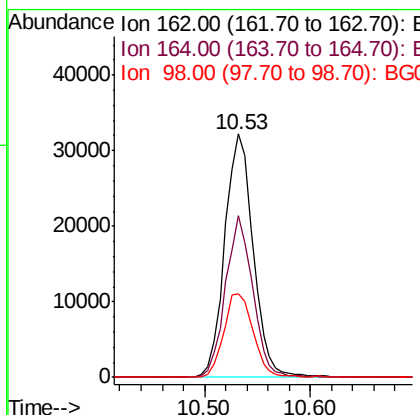
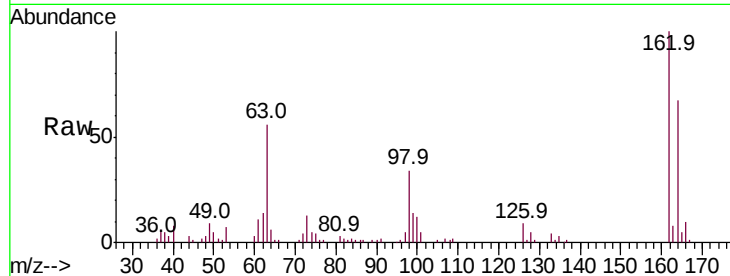




#29
 2,4-Dichlorophenol
 Concen: 22.992 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

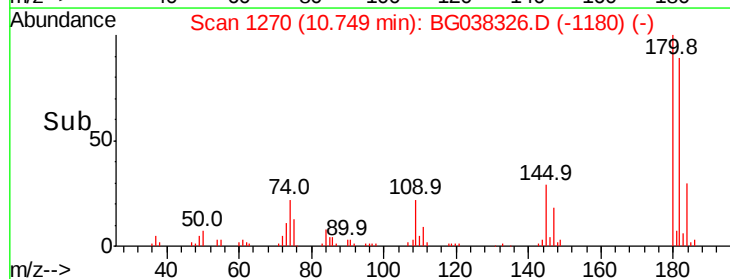
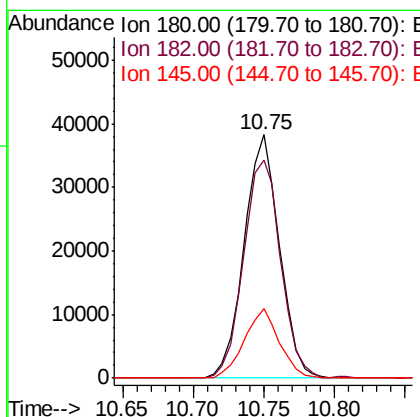
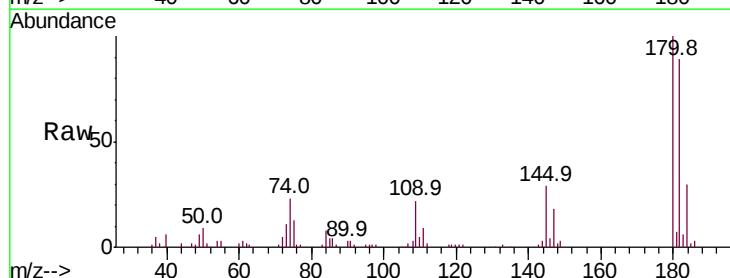
Instrument :
 BNA_G
 ClientSampleId :

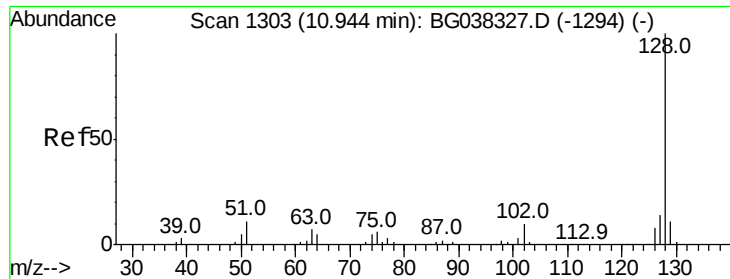
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	43.2	83.2
98	34.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 22.913 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.4	77.7	116.5
145	28.8	23.3	34.9

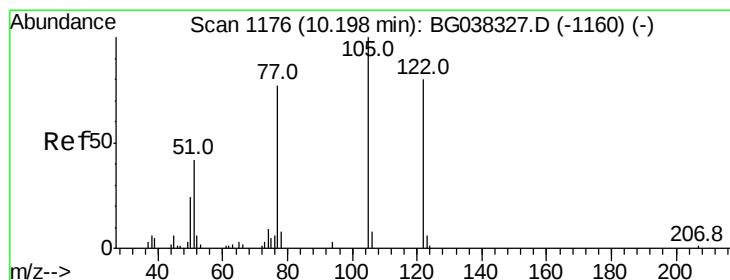
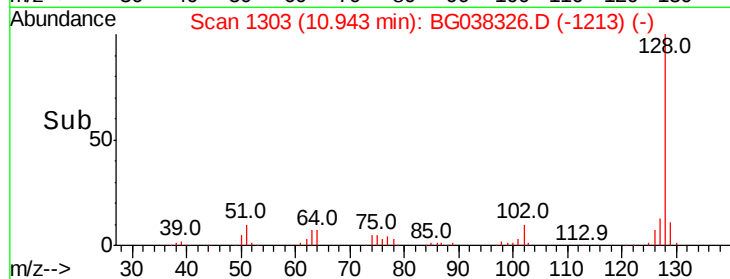
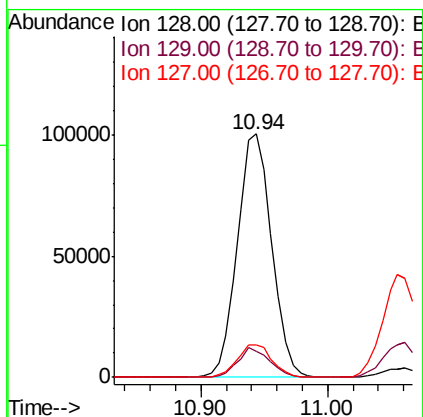
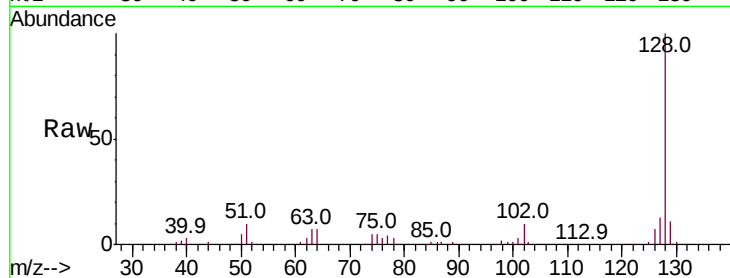




#31
Naphthalene
Concen: 23.698 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

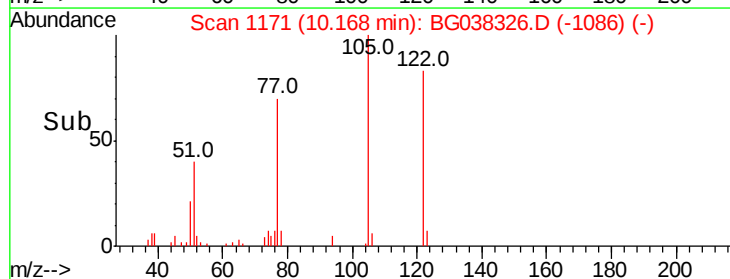
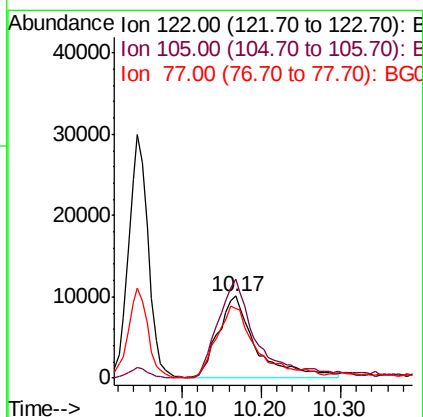
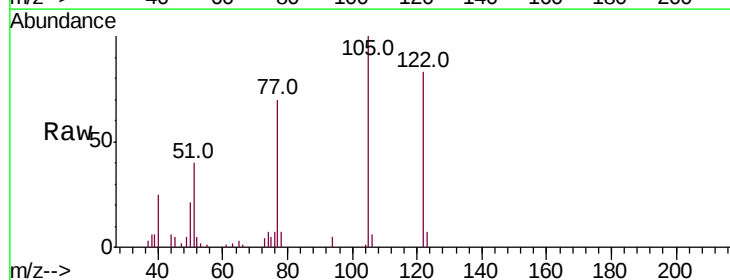
Instrument :
BNA_G
ClientSampleId :

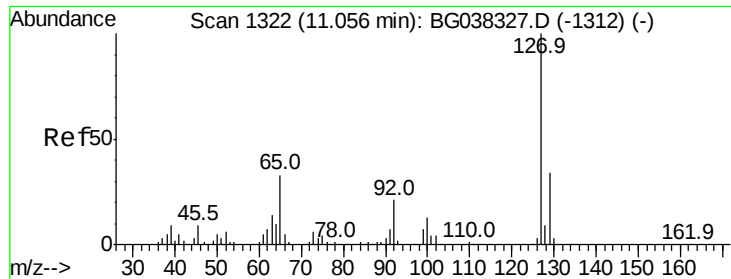
Tot Ion:128 Resp: 187860
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 28.418 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:122 Resp: 33791
Ion Ratio Lower Upper
122 100
105 120.7 106.7 146.7
77 84.7 72.2 112.2

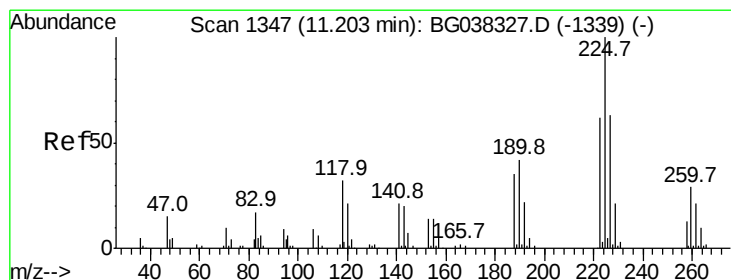
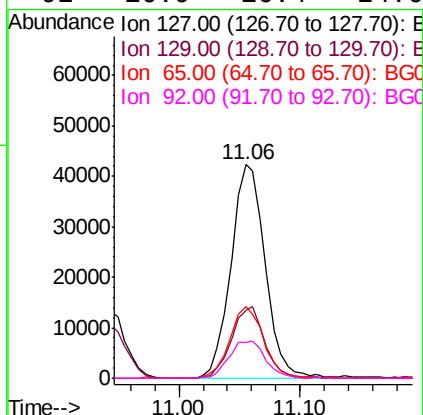
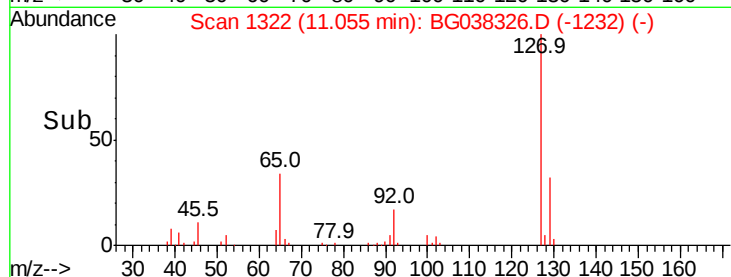
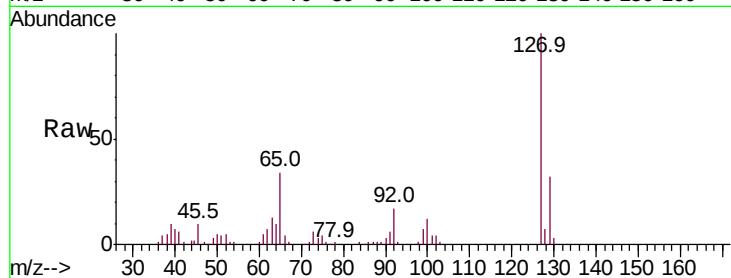




#33
4-Chloroaniline
Concen: 22.664 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

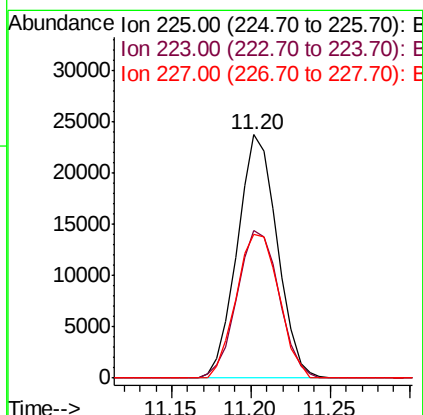
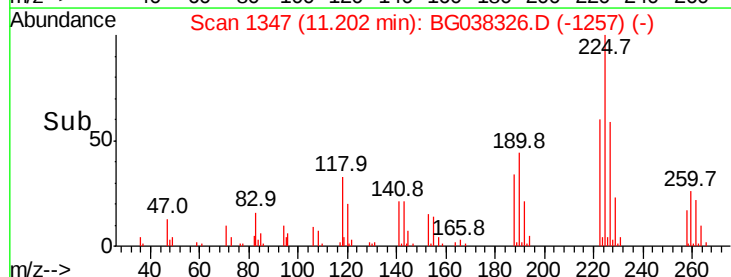
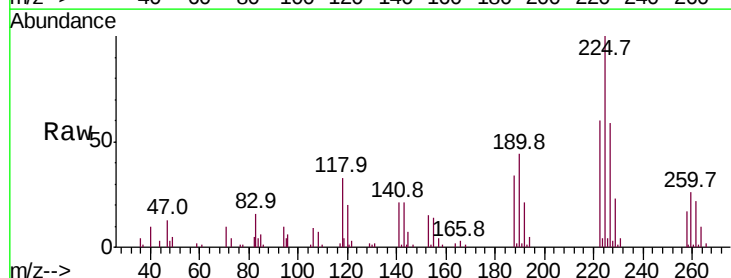
Instrument :
BNA_G
ClientSampleId :

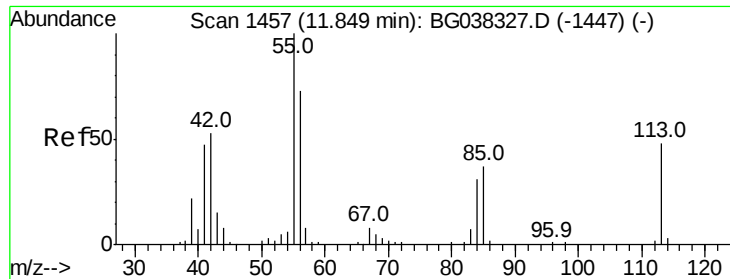
Tot Ion:127 Resp: 83572
Ion Ratio Lower Upper
127 100
129 31.6 27.1 40.7
65 33.8 26.6 39.8
92 16.9 16.4 24.6



#34
Hexachlorobutadiene
Concen: 22.965 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:225 Resp: 41271
Ion Ratio Lower Upper
225 100
223 64.3 48.2 72.4
227 61.9 51.6 77.4





#35

Caprolactam

Concen: 23.679 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampled :

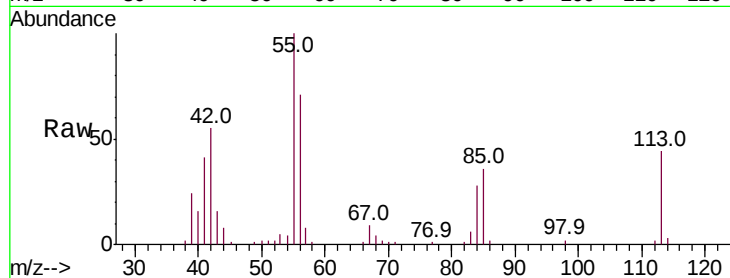
Tot Ion:113 Resp: 24697

Ion Ratio Lower Upper

113 100

55 228.1 176.6 216.6#

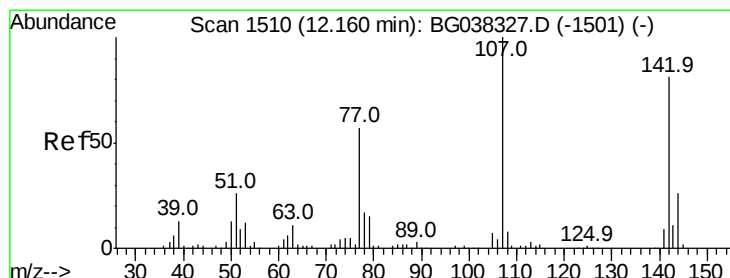
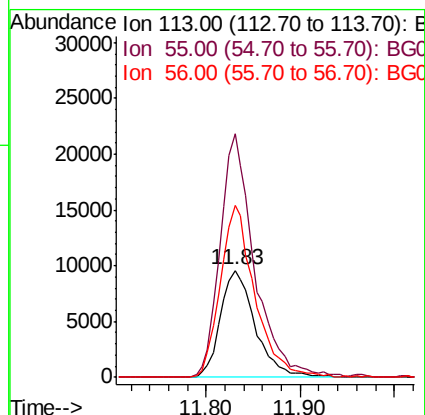
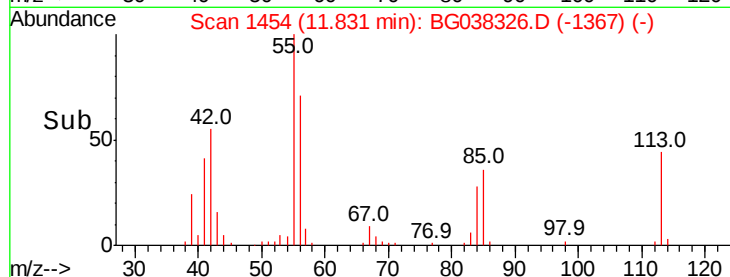
56 160.8 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 22.746 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

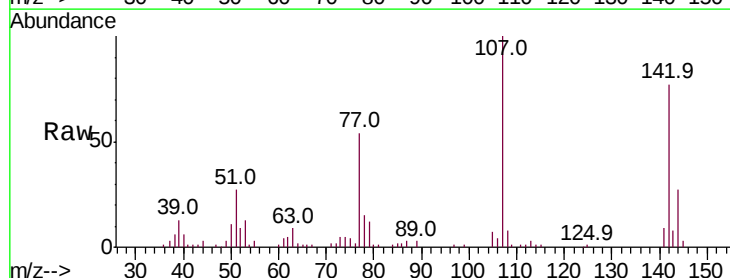
Tgt Ion:107 Resp: 64753

Ion Ratio Lower Upper

107 100

144 27.3 20.7 31.1

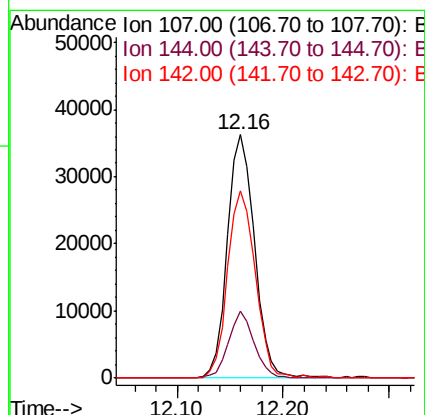
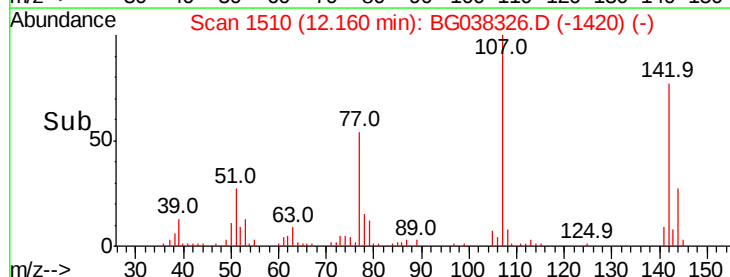
142 76.8 64.4 96.6

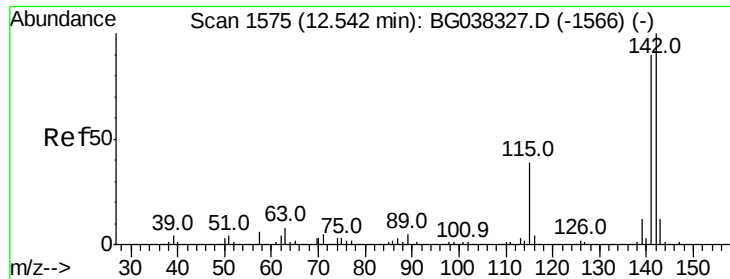


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

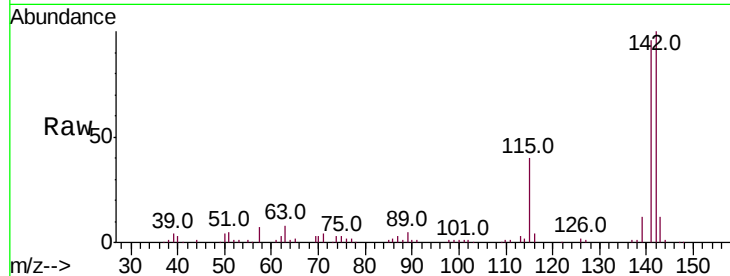




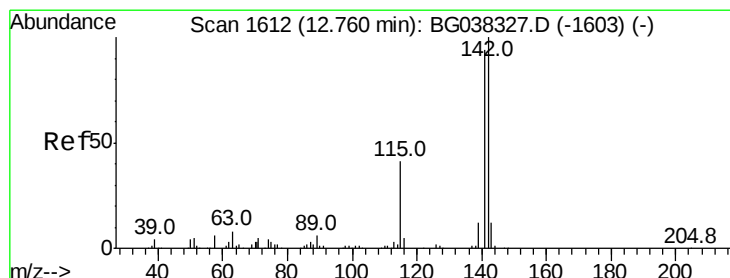
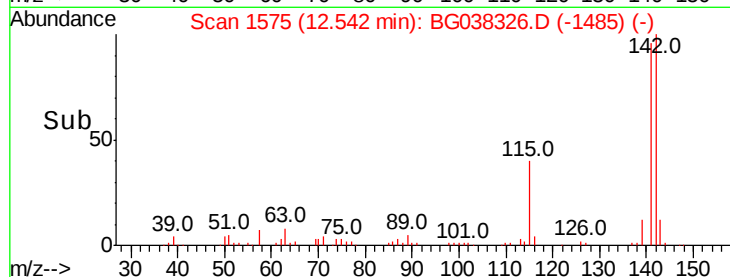
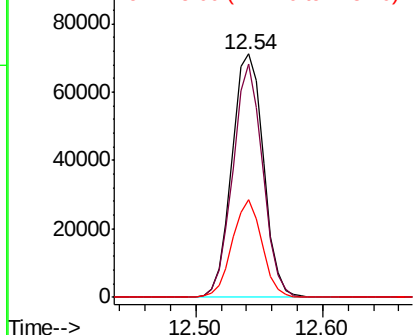
#37
 2-Methylnaphthalene
 Concen: 21.472 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 122261
 Ion Ratio Lower Upper
 142 100
 141 95.7 71.9 107.9
 115 40.2 27.8 41.8

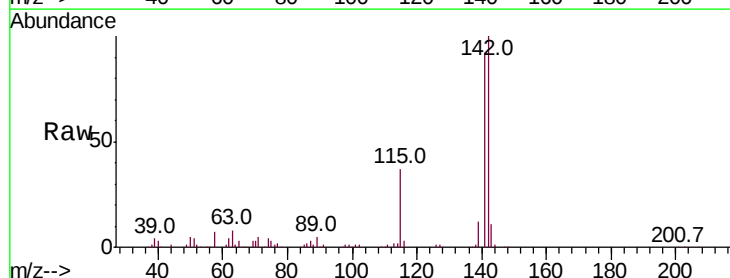


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

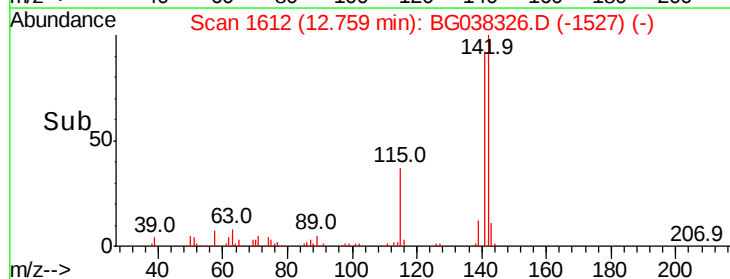
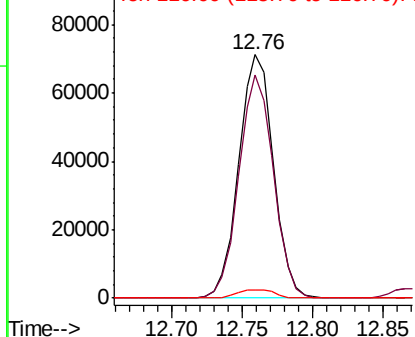


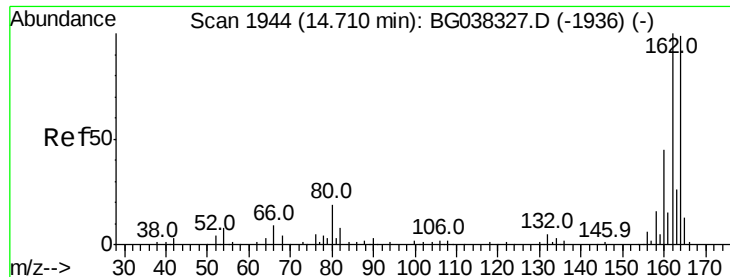
#38
 1-Methylnaphthalene
 Concen: 22.178 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion:142 Resp: 121558
 Ion Ratio Lower Upper
 142 100
 141 91.6 75.2 112.8
 116 3.4 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

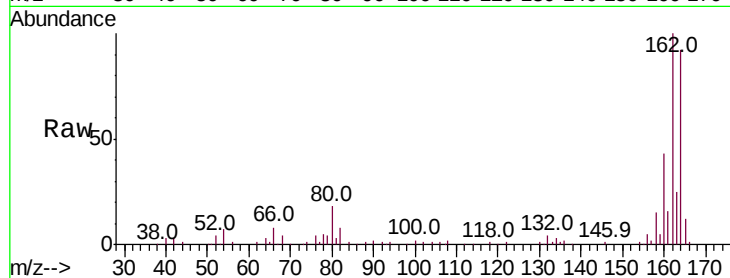
Tot Ion:164 Resp: 92605

Ion Ratio Lower Upper

164 100

162 108.5 81.3 121.9

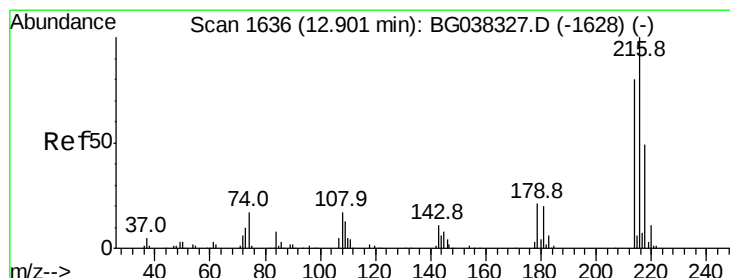
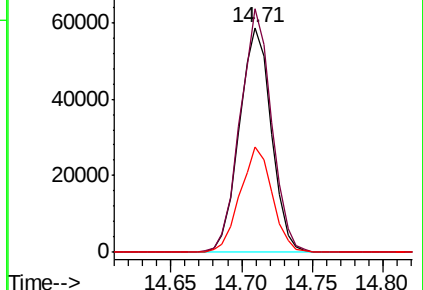
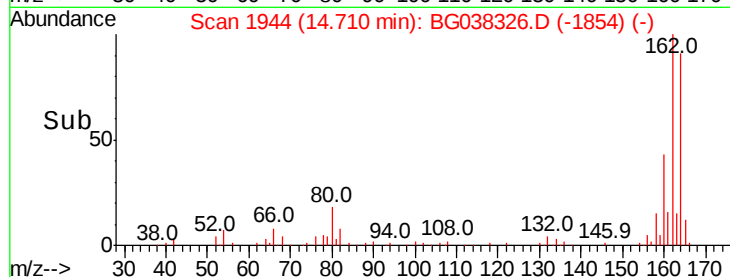
160 47.0 36.3 54.5



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: 24.448 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Tgt Ion:216 Resp: 75652

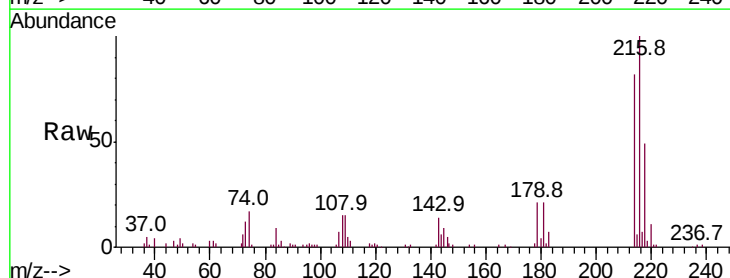
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.6

179 21.5 17.4 26.0

108 17.3 13.9 20.9

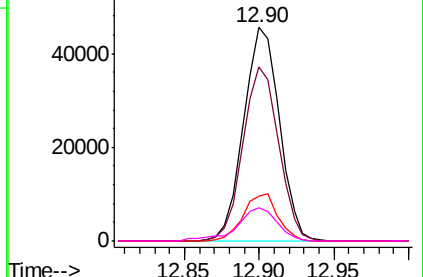
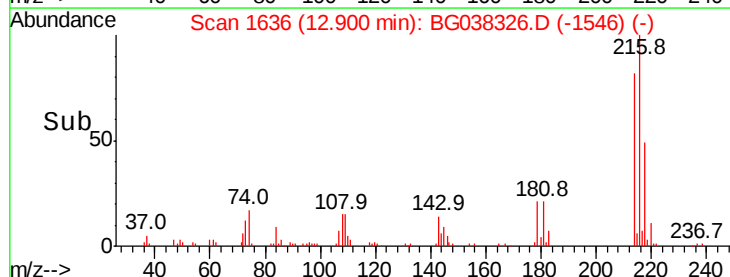


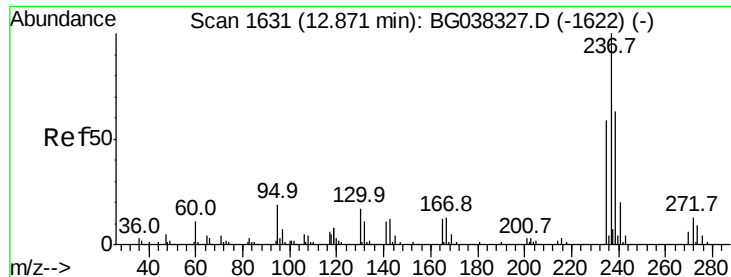
Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.942 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

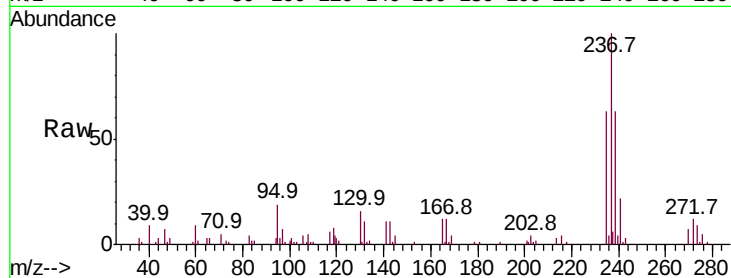
Tot Ion:237 Resp: 41329

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.5	82.5
272	12.0	0.0	31.6

237 100

235 63.2 42.5 82.5

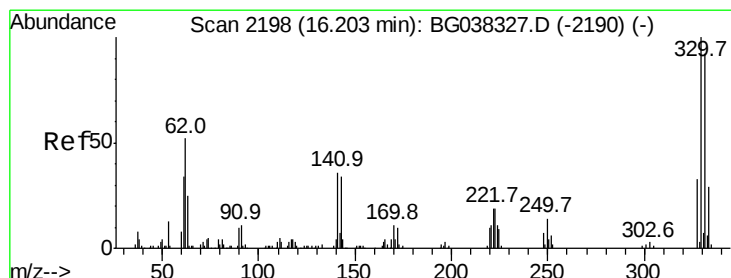
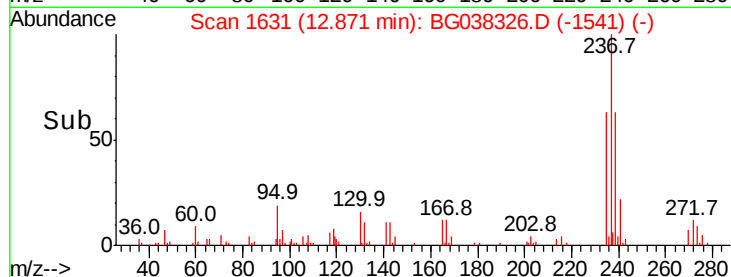
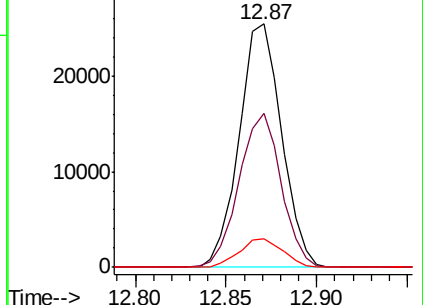
272 12.0 0.0 31.6



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: 56.430 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

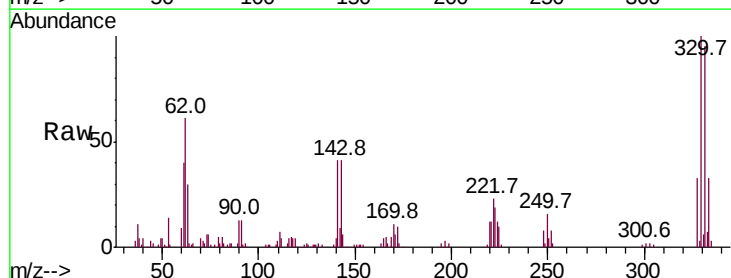
Tgt Ion:330 Resp: 59598

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.4	117.6
141	40.3	32.2	48.2

330 100

332 97.0 78.4 117.6

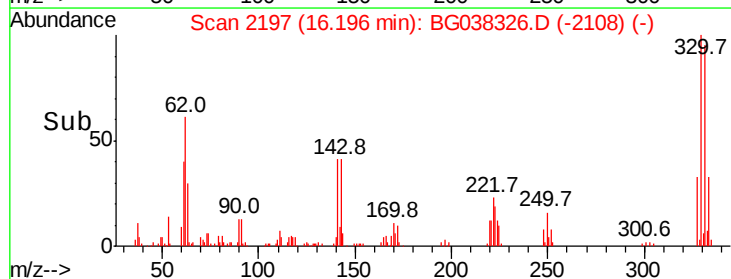
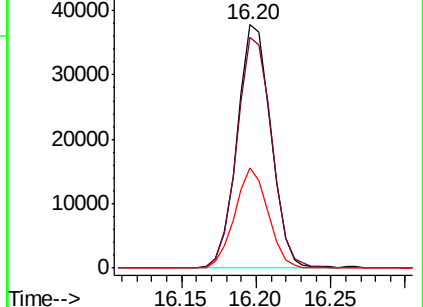
141 40.3 32.2 48.2

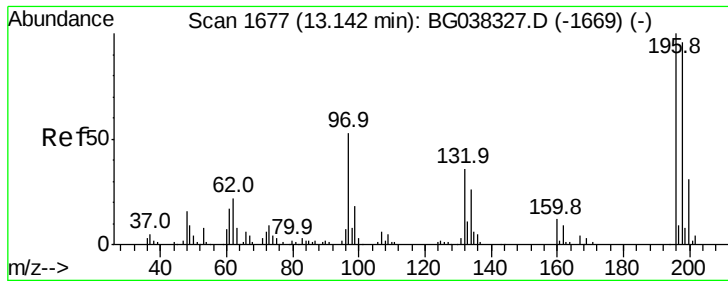


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

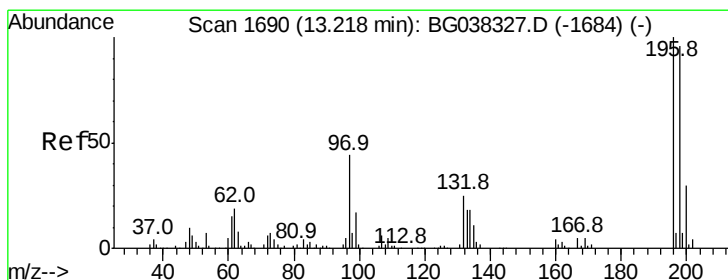
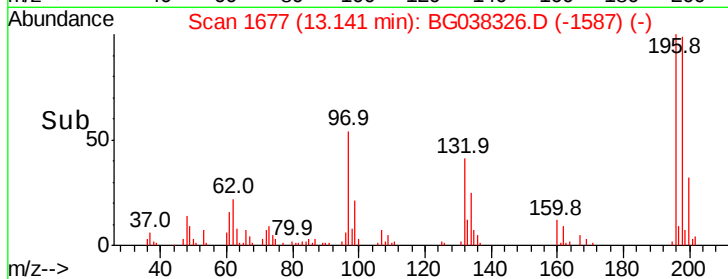
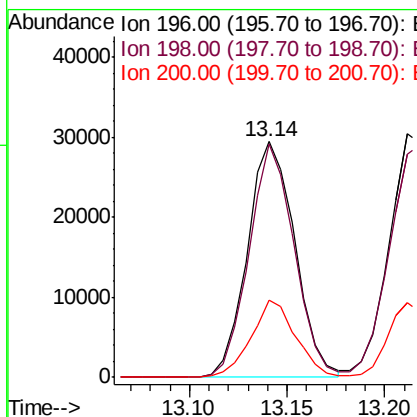
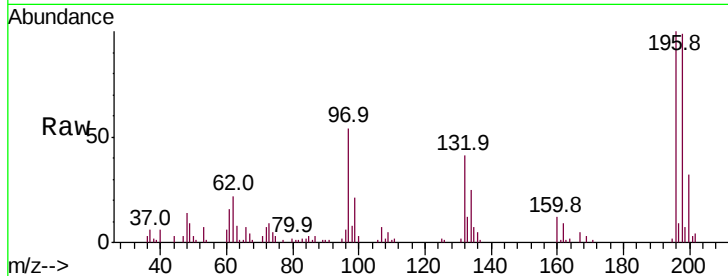




#43
 2,4,6-Trichlorophenol
 Concen: 23.501 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

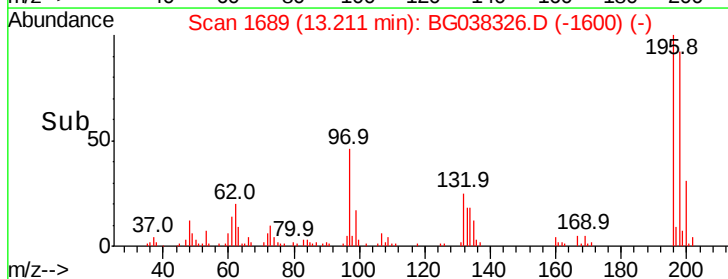
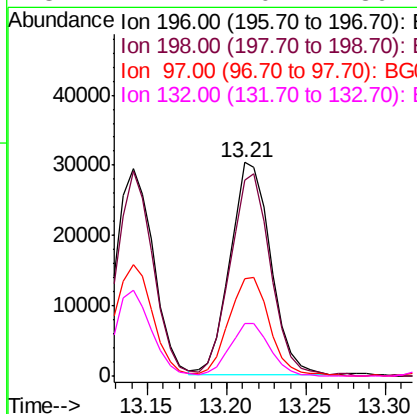
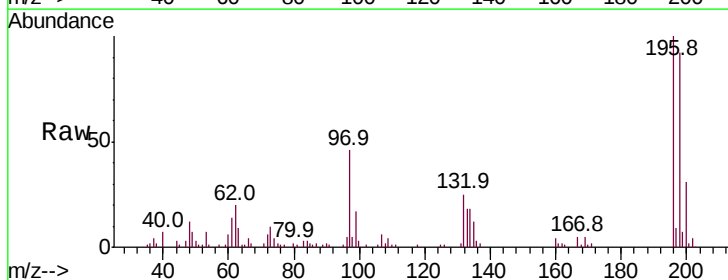
Instrument :
 BNA_G
 ClientSampled :

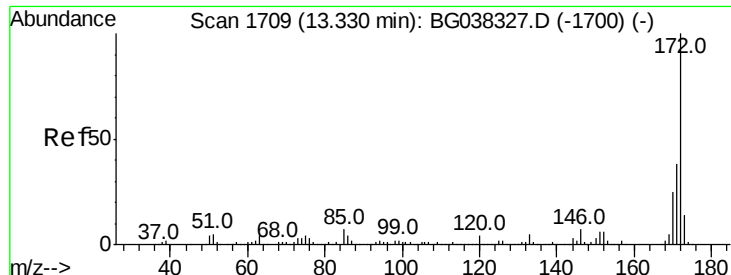
Tot Ion:196 Resp: 49555
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.4 114.6
 200 32.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 24.221 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion:196 Resp: 53740
 Ion Ratio Lower Upper
 196 100
 198 91.8 74.2 111.2
 97 45.5 34.1 51.1
 132 24.7 20.2 30.4

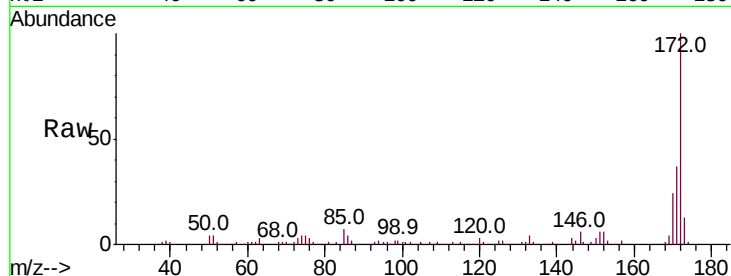




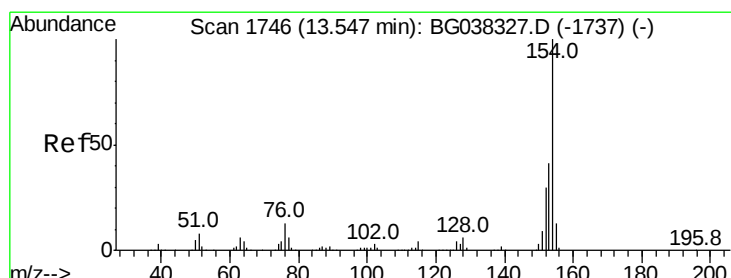
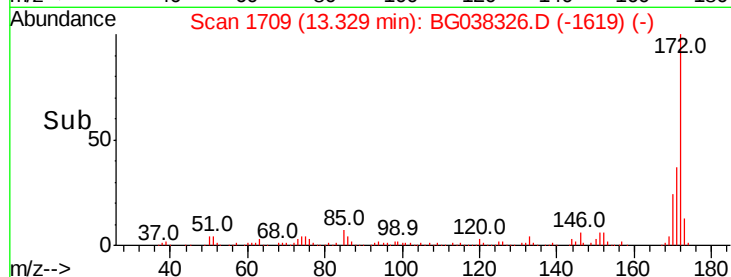
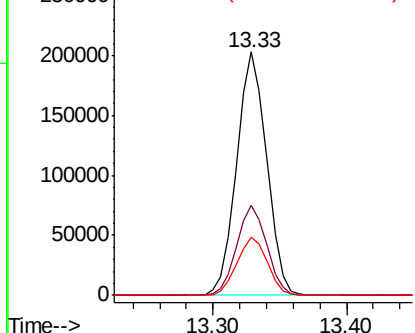
#45
 2-Fluorobiphenyl
 Concen: 49.562 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 315042
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 24.0 20.2 30.2

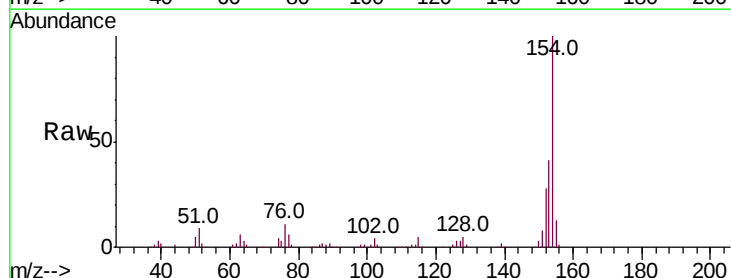


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

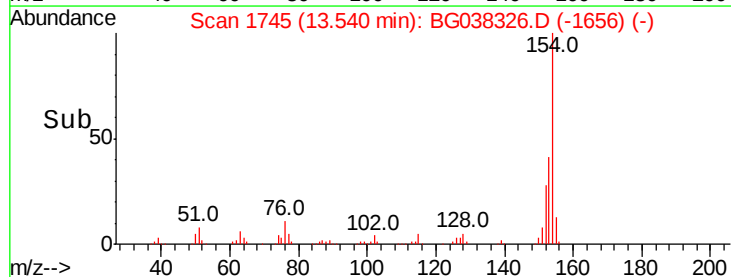
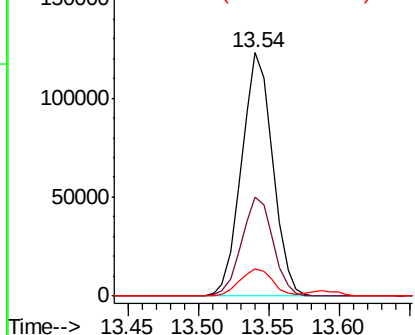


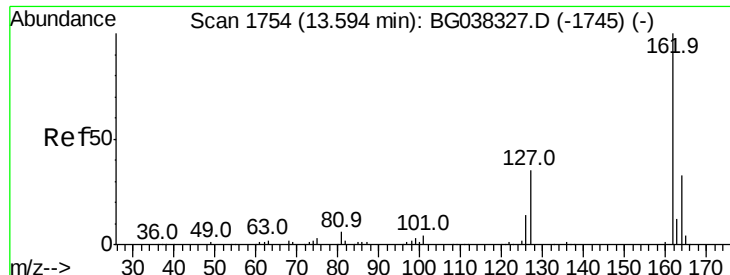
#46
 1,1'-Biphenyl
 Concen: 24.385 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion:154 Resp: 189709
 Ion Ratio Lower Upper
 154 100
 153 40.9 22.1 62.1
 76 11.3 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

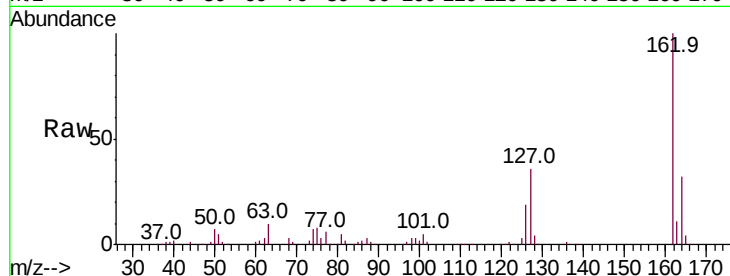




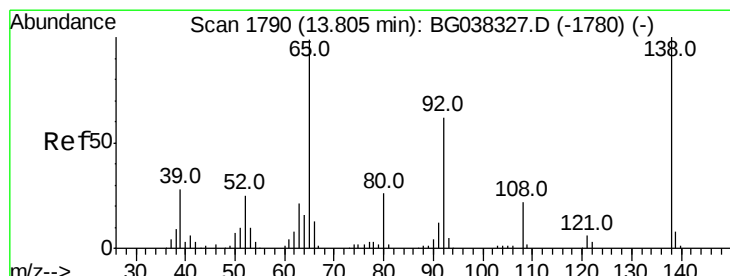
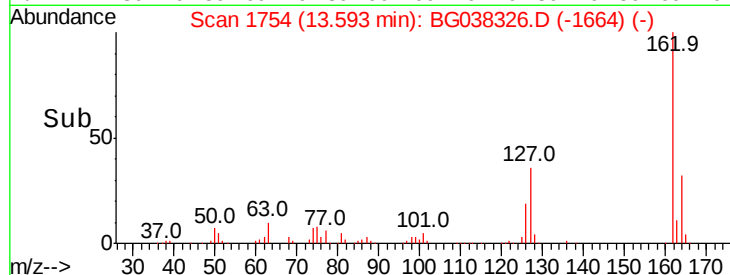
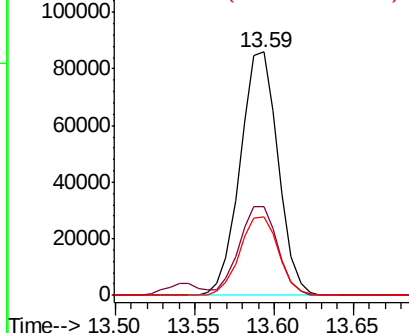
#47
 2-Chloronaphthalene
 Concen: 24.054 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.5	45.7
164	32.4	26.4	39.6

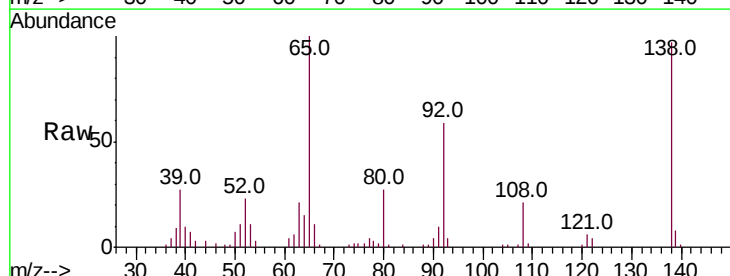


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

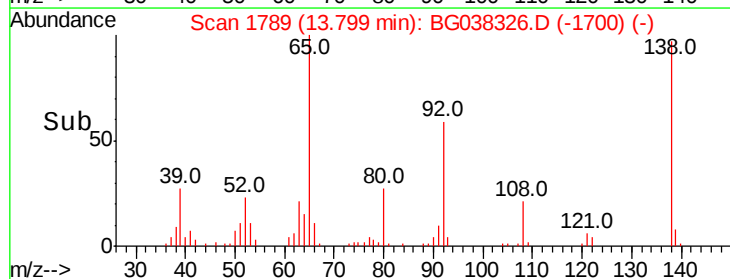
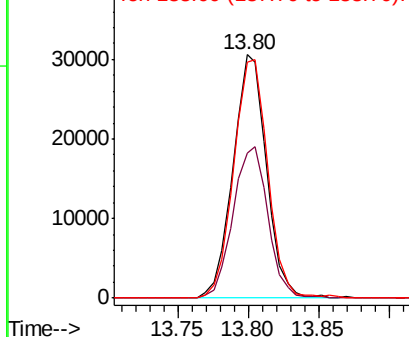


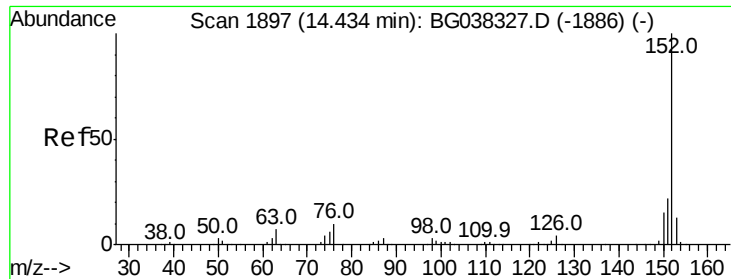
#48
 2-Nitroaniline
 Concen: 26.939 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.4	53.2	79.8
138	97.0	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: 24.874 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

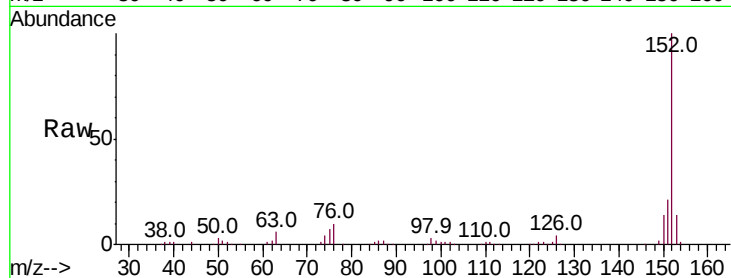
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 222059

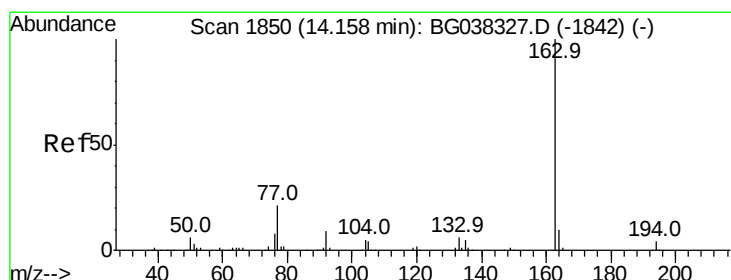
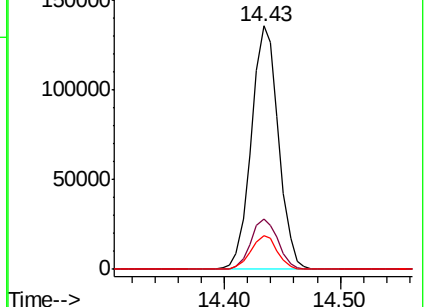
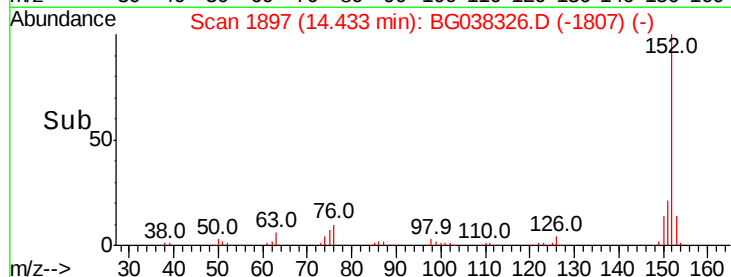
Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.6	11.1	16.7



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: 25.694 ng

RT: 14.16 min Scan# 1850

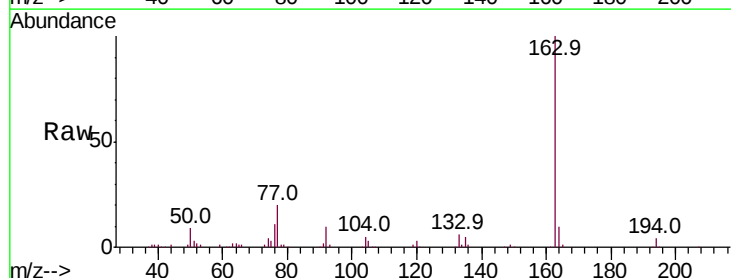
Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Tgt Ion:163 Resp: 188631

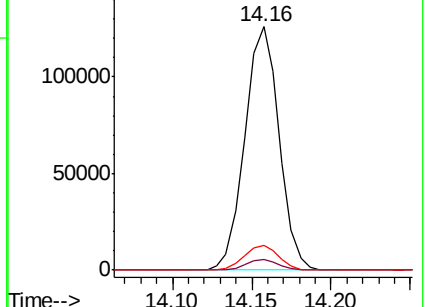
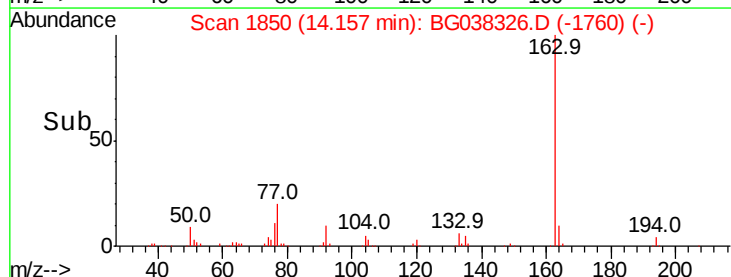
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.9	8.5	12.7

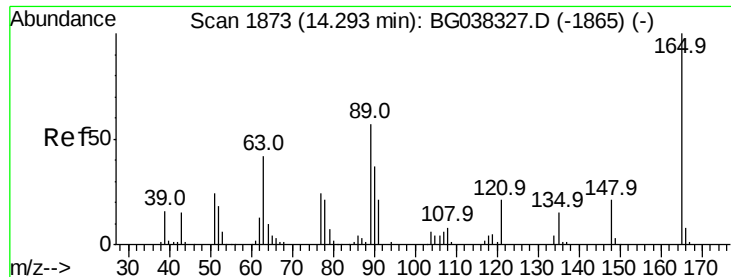


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

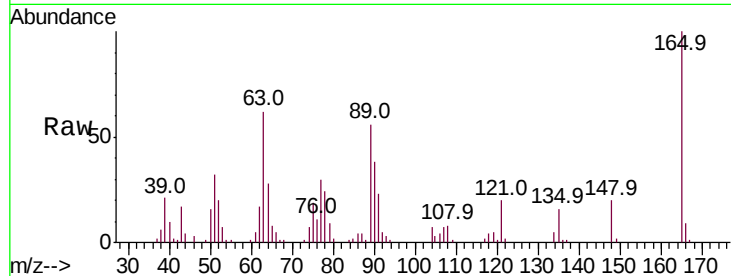




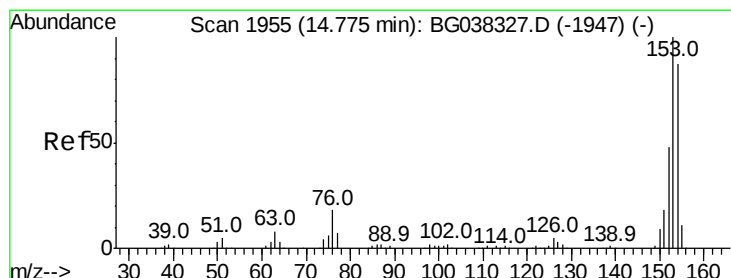
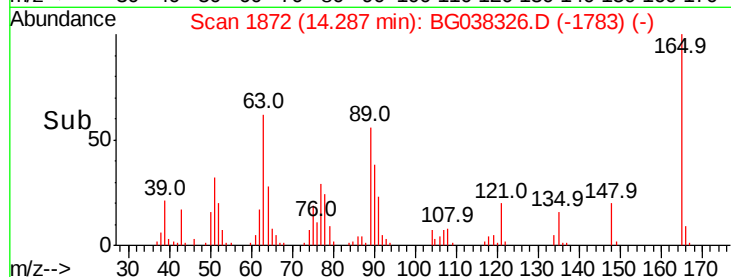
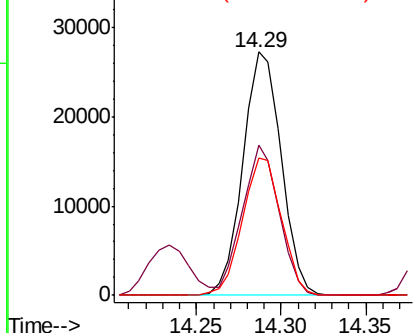
#51
 2,6-Dinitrotoluene
 Concen: 25.934 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.6	43.4	65.2
89	56.3	45.8	68.6

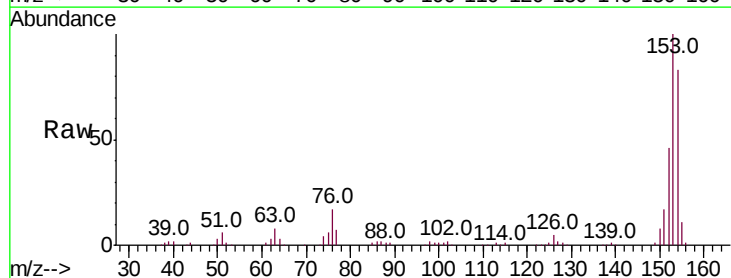


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

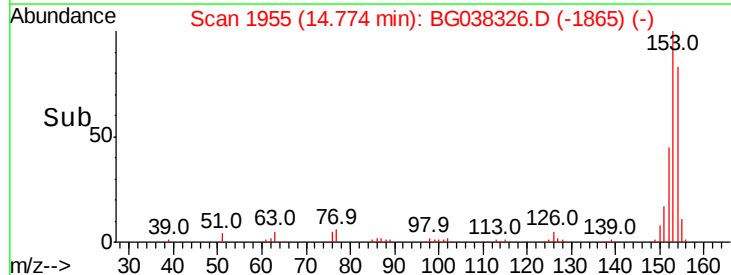
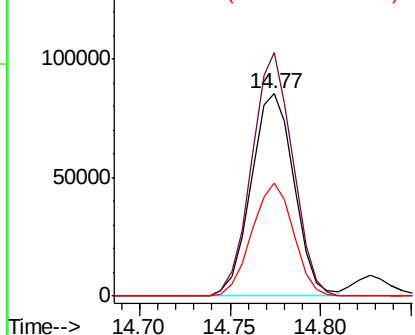


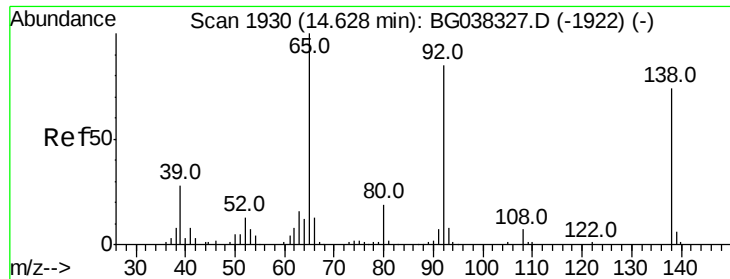
#52
 Acenaphthene
 Concen: 26.075 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.3	93.4	140.0
152	55.6	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: 25.288 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

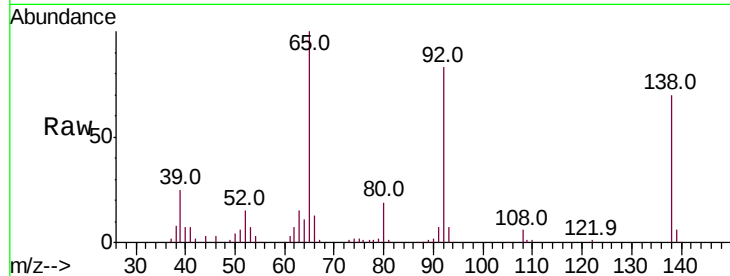
Tot Ion:138 Resp: 46365

Ion Ratio Lower Upper

138 100

108 9.2 11.0 16.6#

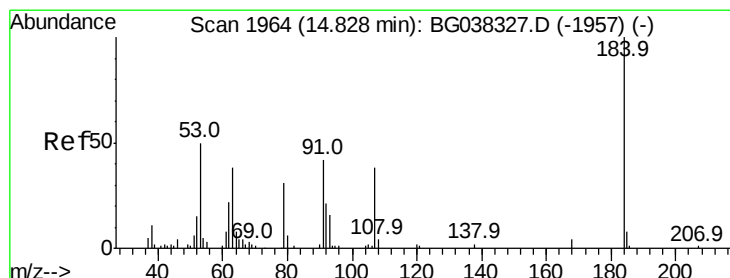
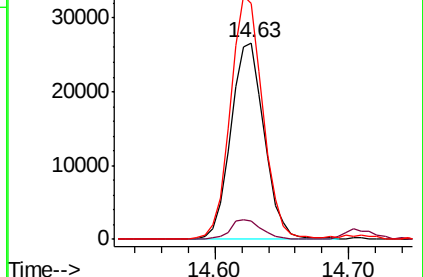
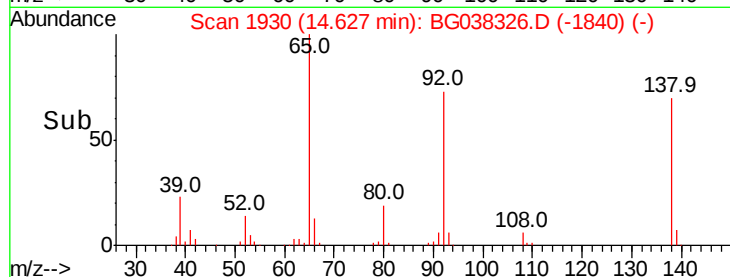
92 119.9 95.2 142.8



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: 32.857 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

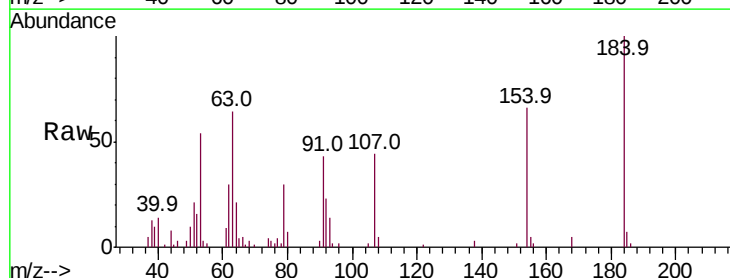
Tgt Ion:184 Resp: 23003

Ion Ratio Lower Upper

184 100

63 63.8 42.6 63.8

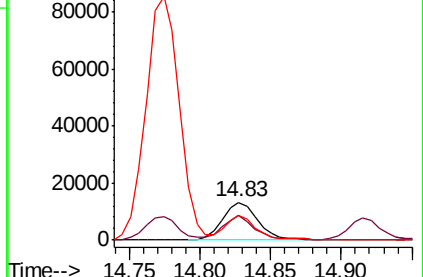
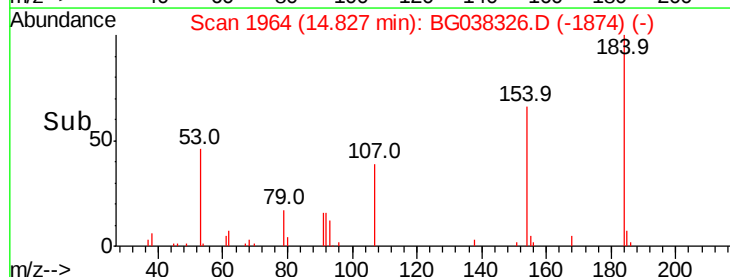
154 66.2 41.8 62.6#

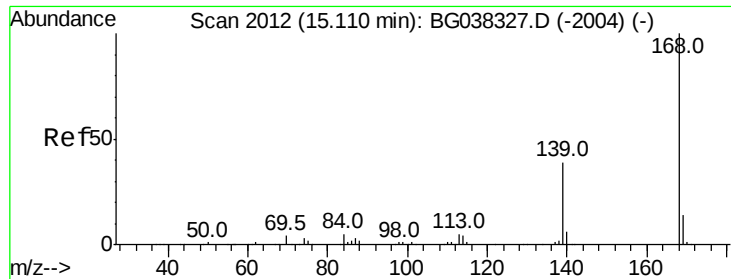


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

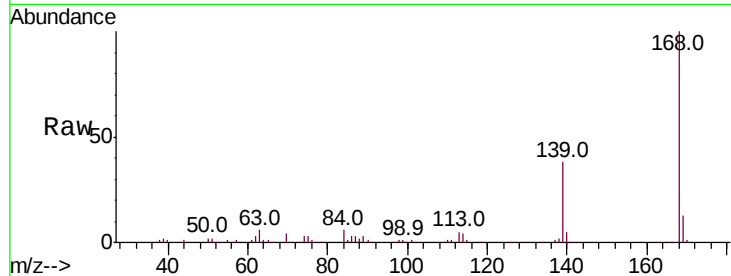




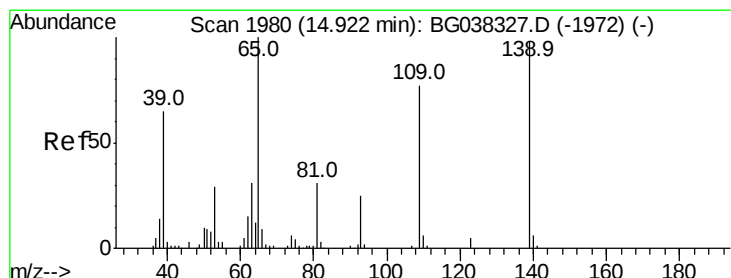
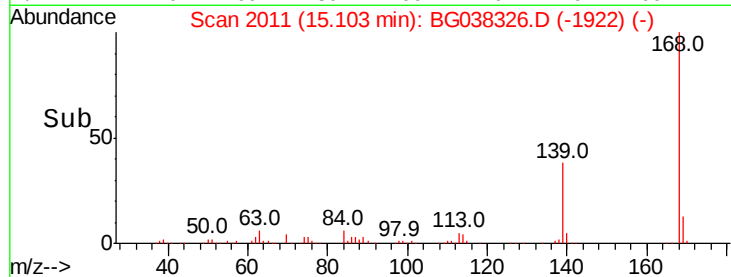
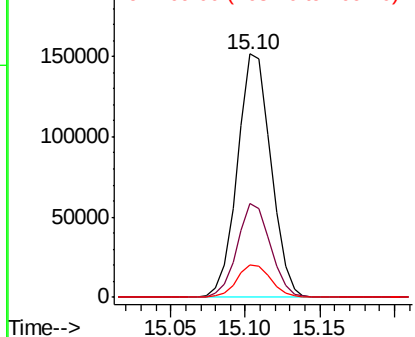
#55
Dibenzenofuran
Concen: 26.603 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 236423
Ion Ratio Lower Upper
168 100
139 38.4 29.4 44.0
169 13.2 11.0 16.6

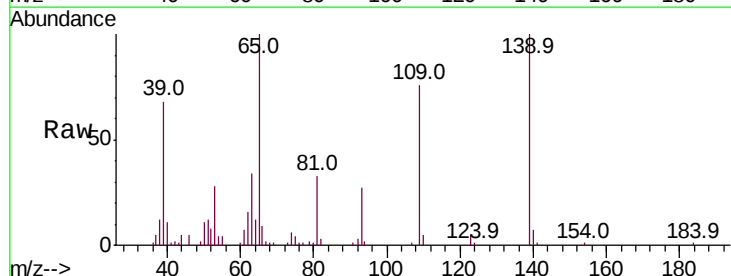


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

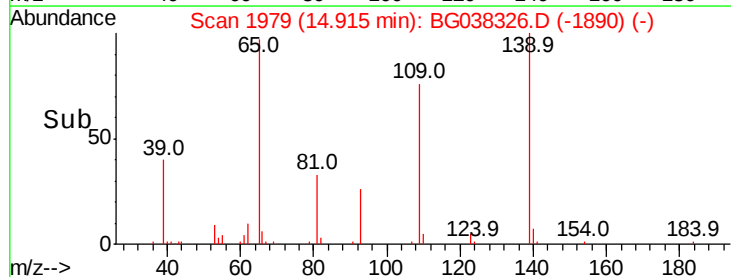
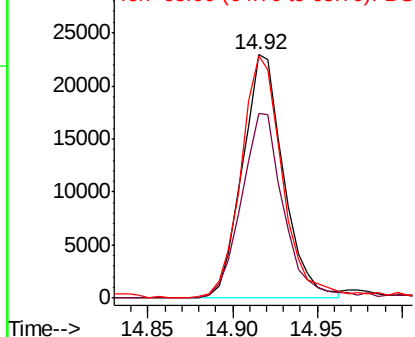


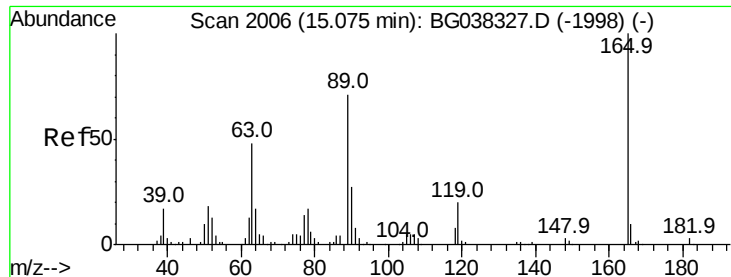
#56
4-Nitrophenol
Concen: 27.371 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:139 Resp: 38705
Ion Ratio Lower Upper
139 100
109 76.1 49.5 89.5
65 99.7 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

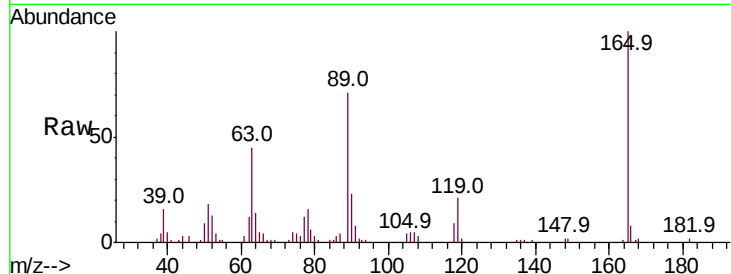




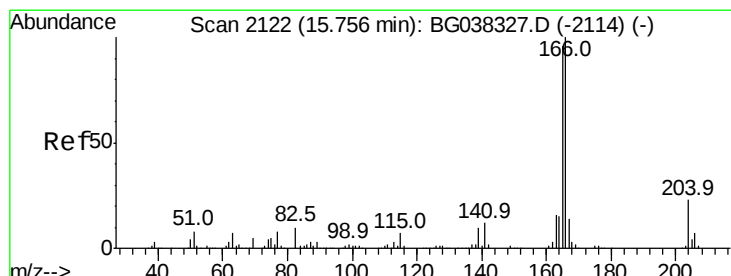
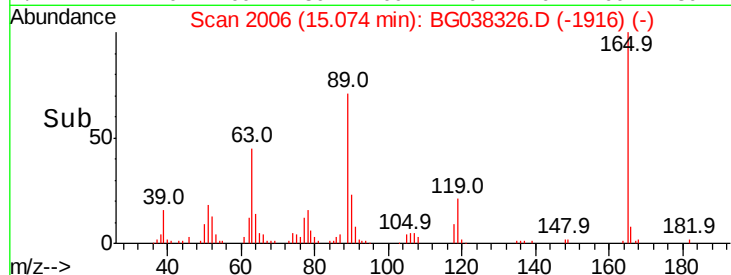
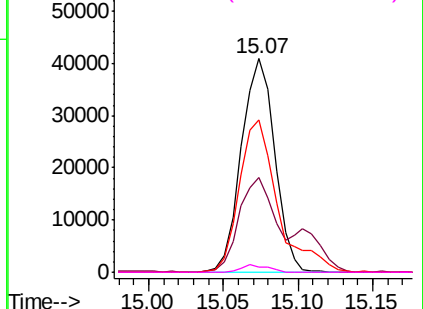
#57
2,4-Dinitrotoluene
Concen: 28.068 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 63455
Ion Ratio Lower Upper
165 100
63 44.5 33.4 50.0
89 71.4 57.2 85.8
182 2.5 2.6 4.0#

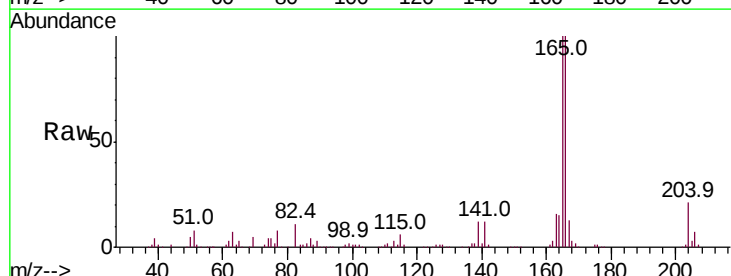


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

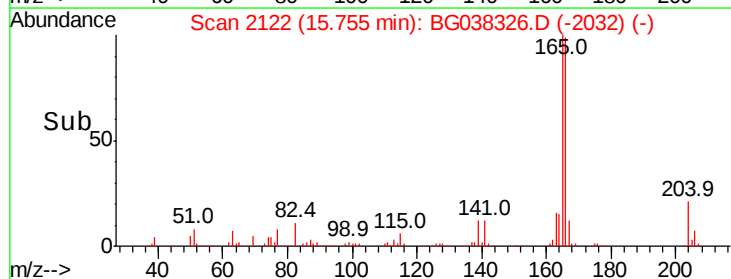
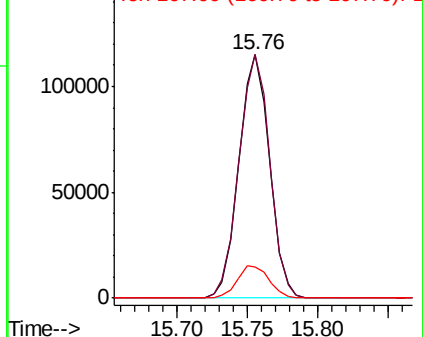


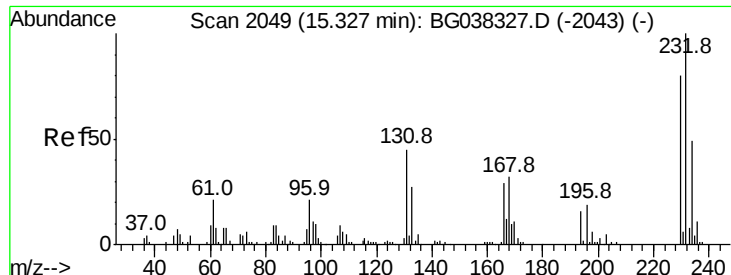
#58
Fluorene
Concen: 26.256 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:166 Resp: 174097
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 12.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

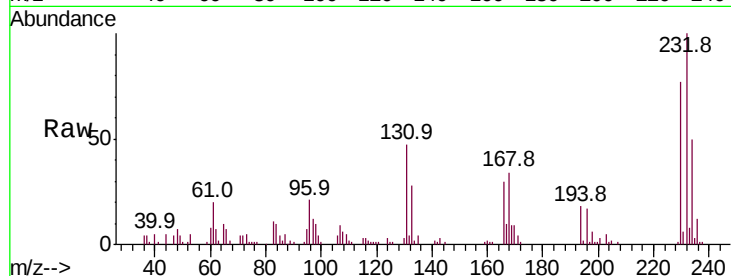




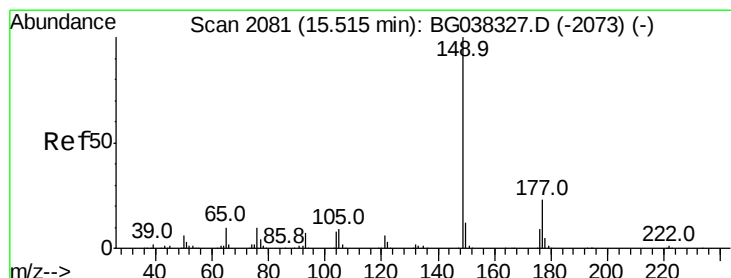
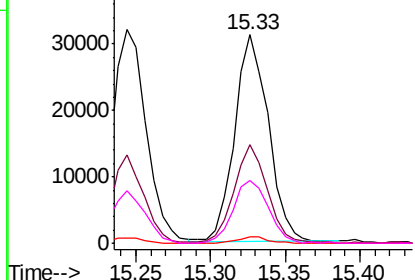
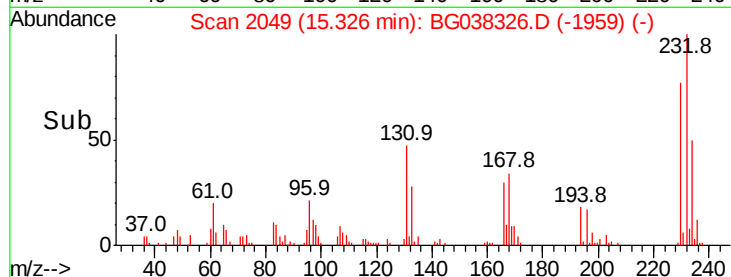
#59
2,3,4,6-Tetrachlorophenol
Concen: 26.500 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 49199
Ion Ratio Lower Upper
232 100
131 47.3 33.7 50.5
130 2.7 2.1 3.1
166 31.9 24.6 36.8

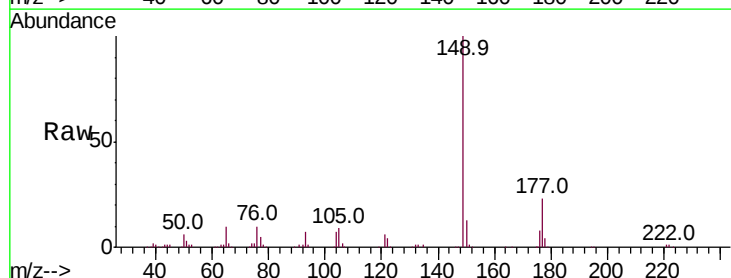


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

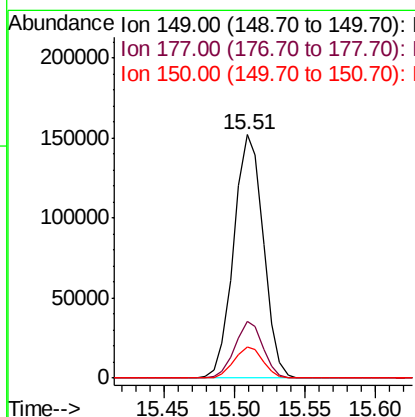
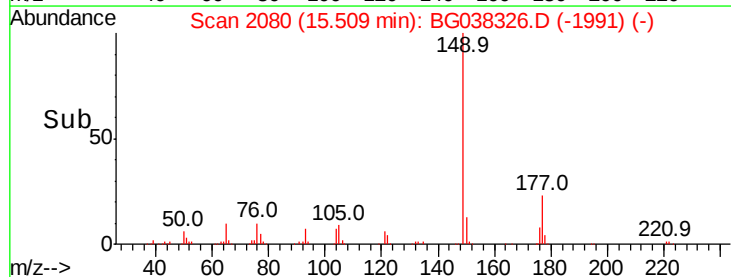


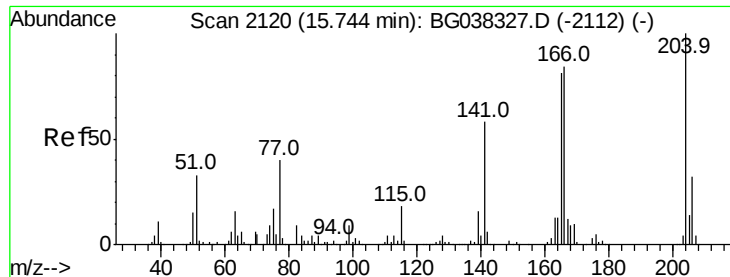
#60
Diethylphthalate
Concen: 28.501 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:149 Resp: 222241
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.8 10.0 15.0



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

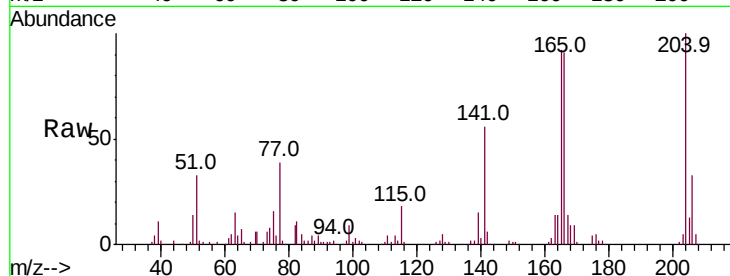




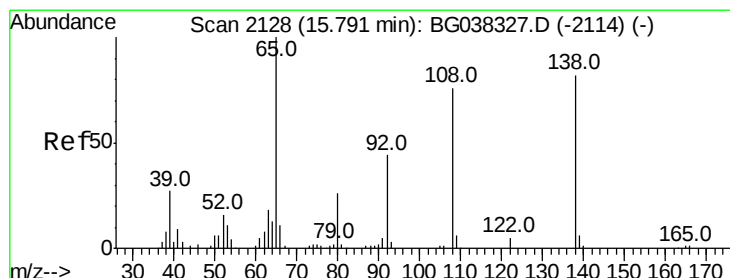
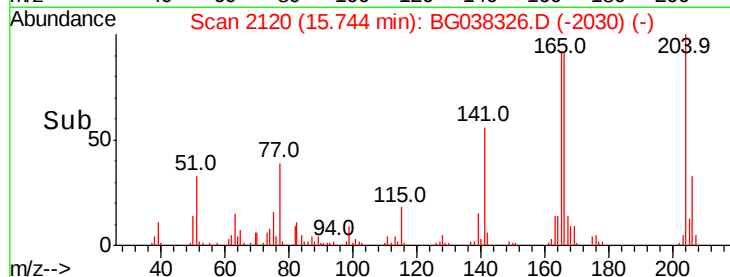
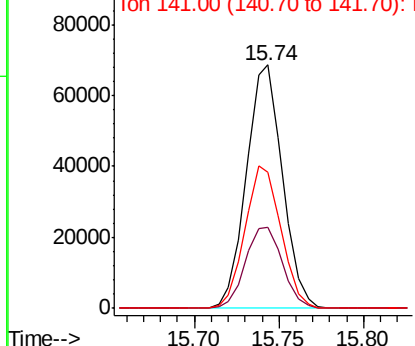
#61
 4-Chlorophenyl-phenylether
 Concen: 26.193 ng
 RT: 15.74 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:204 Resp: 101625
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 56.0 45.4 68.2

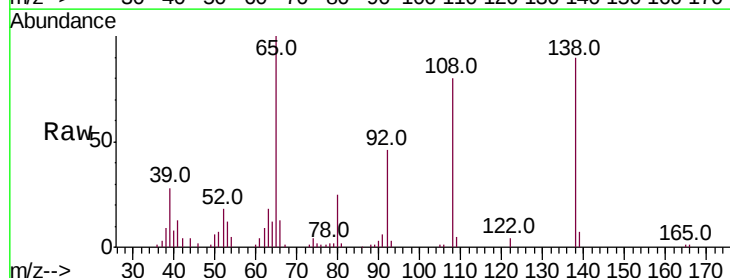


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

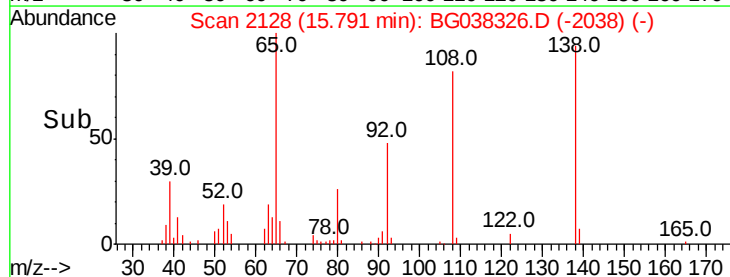
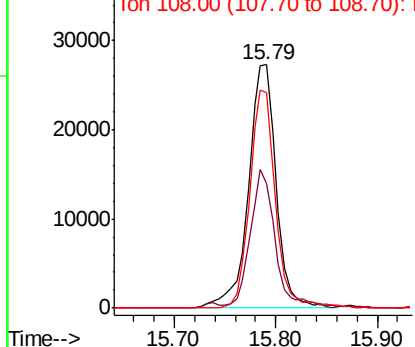


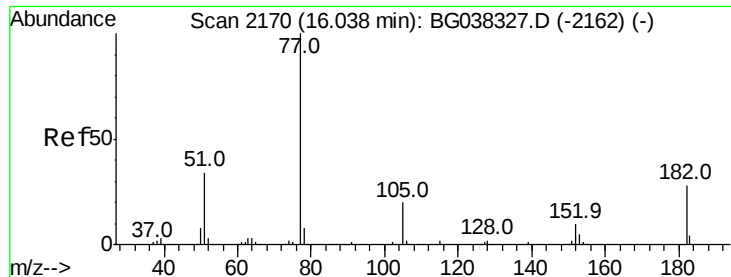
#62
 4-Nitroaniline
 Concen: 28.469 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion:138 Resp: 51854
 Ion Ratio Lower Upper
 138 100
 92 51.4 36.4 76.4
 108 88.4 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: 27.901 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 194525

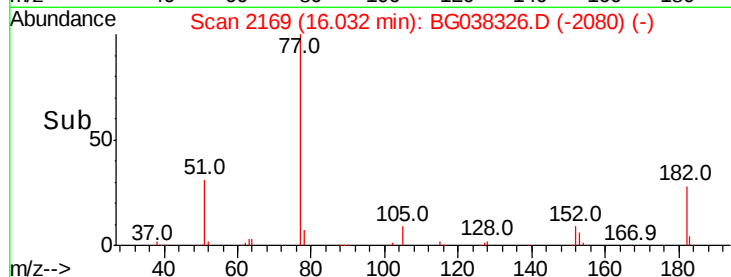
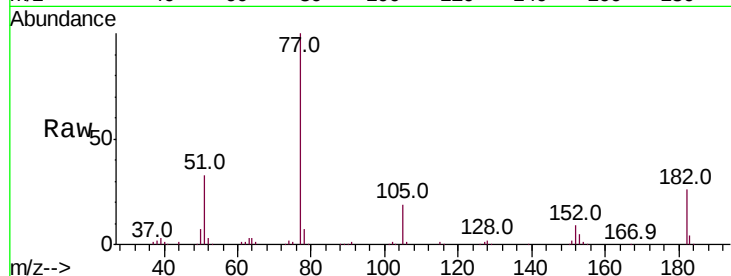
Ion Ratio Lower Upper

77 100

182 26.1 8.0 48.0

105 19.4 1.3 41.3

51 33.1 10.7 50.7

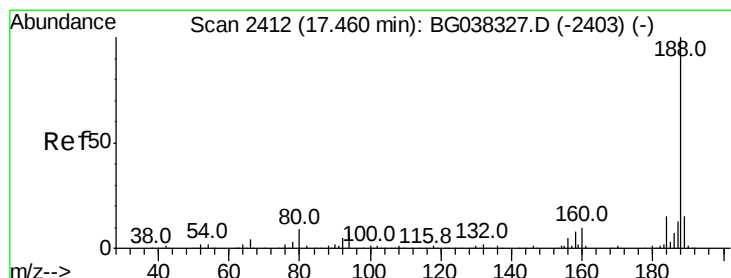
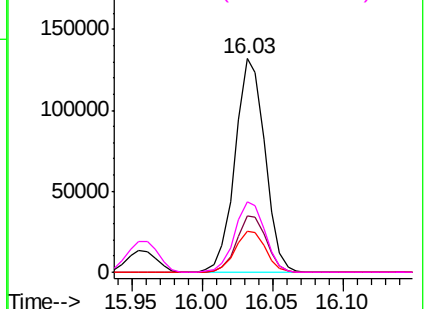


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

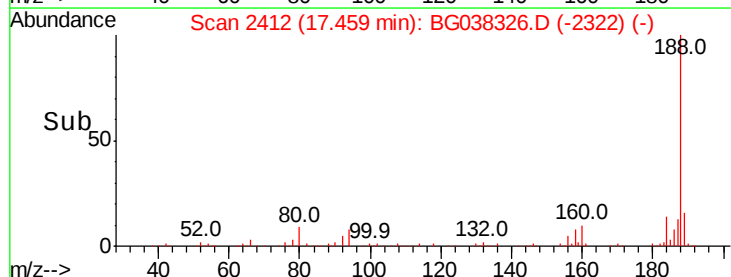
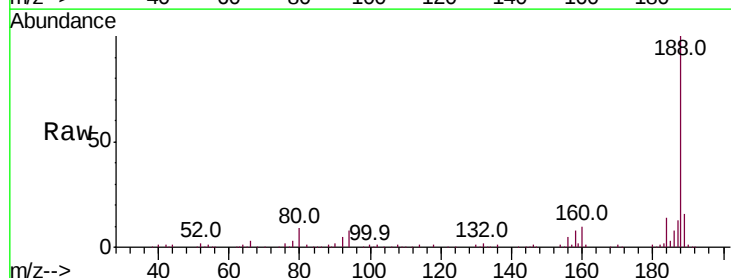
Tgt Ion: 188 Resp: 230827

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

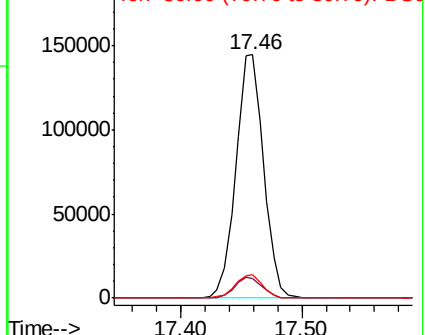
80 9.4 7.7 11.5

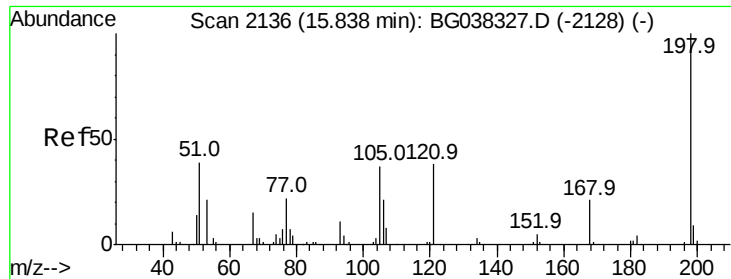


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

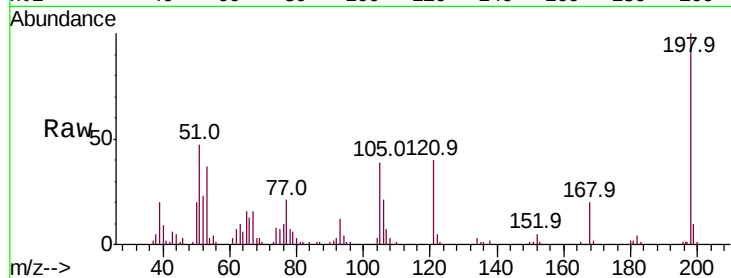




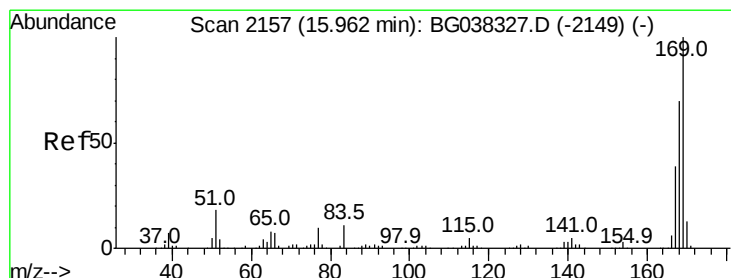
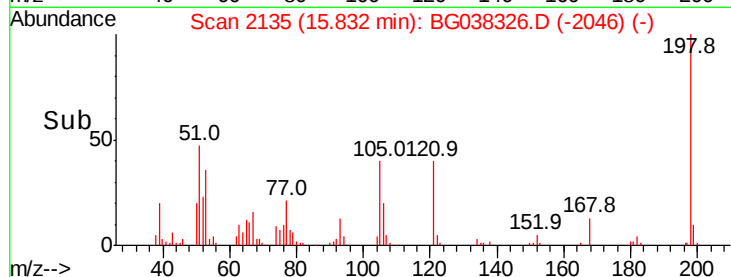
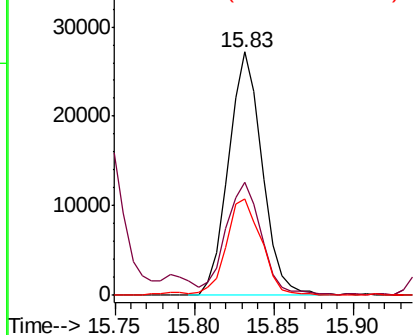
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.496 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 40144
 Ion Ratio Lower Upper
 198 100
 51 46.6 22.7 62.7
 105 39.3 19.7 59.7

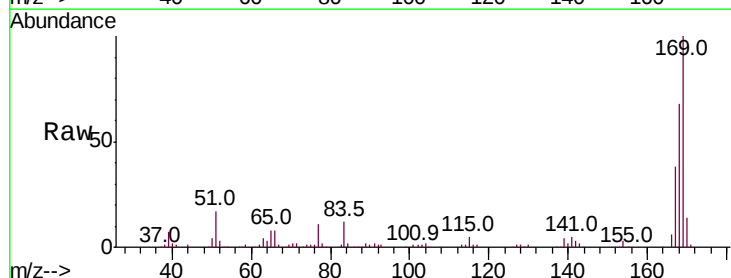


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

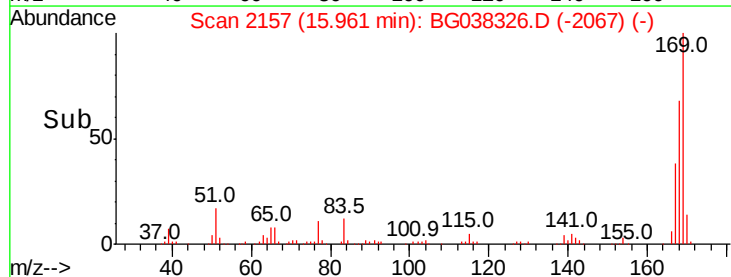
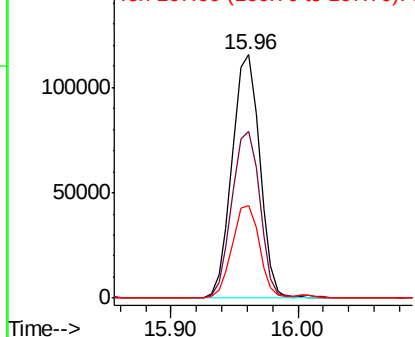


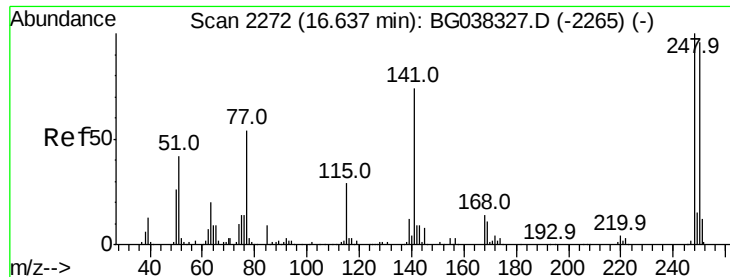
#66
 n-Nitrosodiphenylamine
 Concen: 25.004 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion:169 Resp: 174605
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.7 83.5
 167 38.1 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

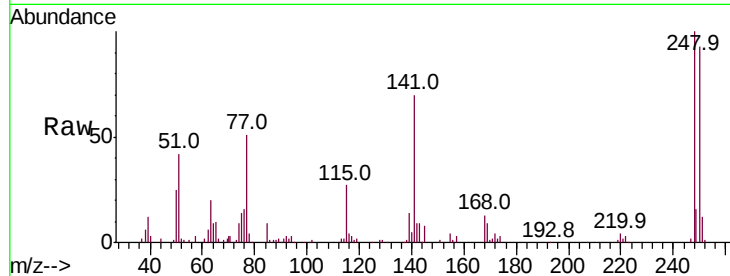




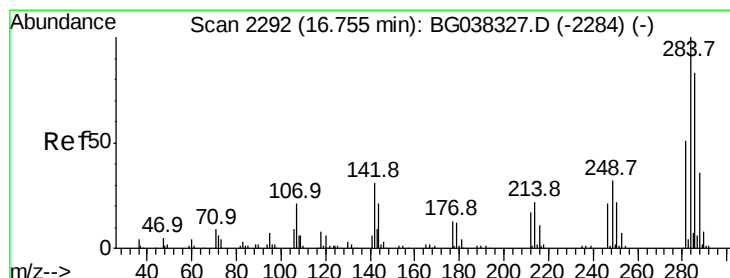
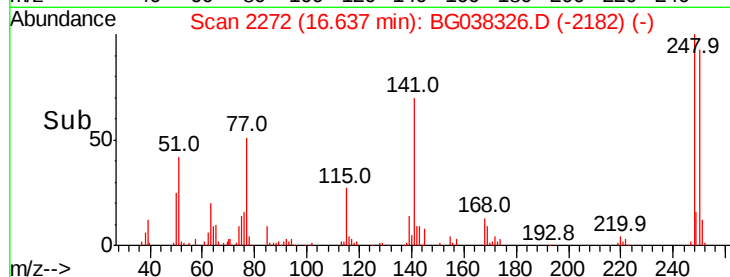
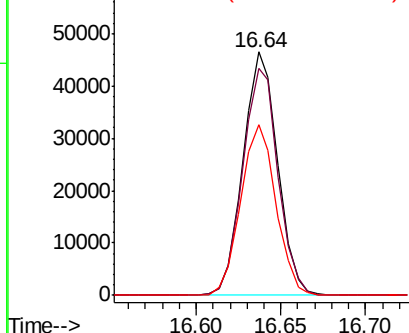
#67
 4-Bromophenyl-phenylether
 Concen: 26.109 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 66148
 Ion Ratio Lower Upper
 248 100
 250 93.0 77.0 115.6
 141 70.1 55.5 83.3

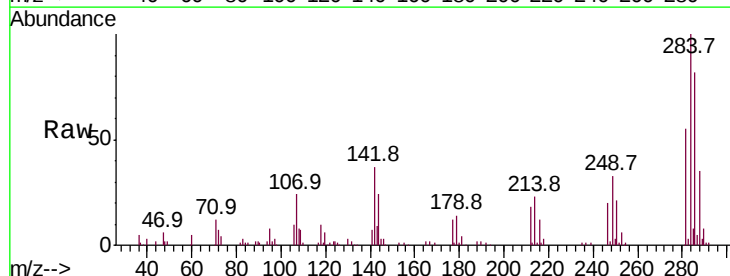


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

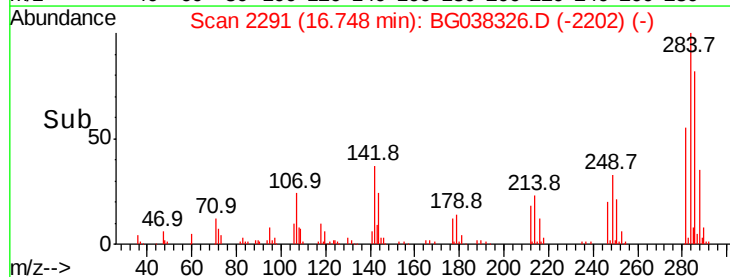
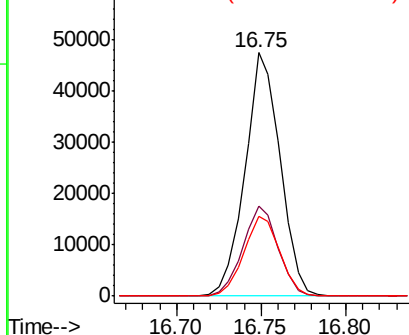


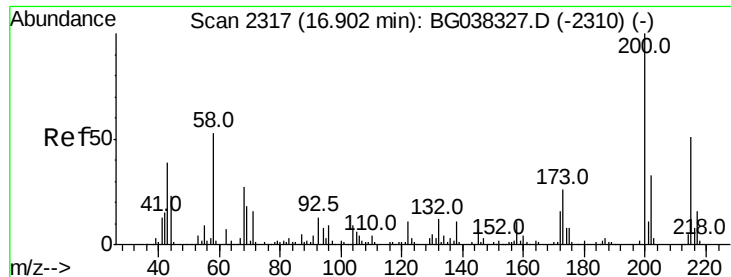
#68
 Hexachlorobenzene
 Concen: 26.174 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion:284 Resp: 68448
 Ion Ratio Lower Upper
 284 100
 142 36.8 28.1 42.1
 249 35.8 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

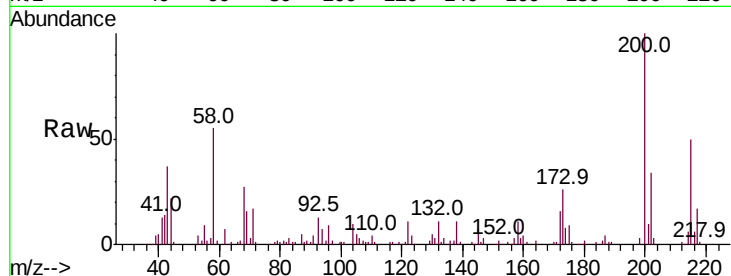




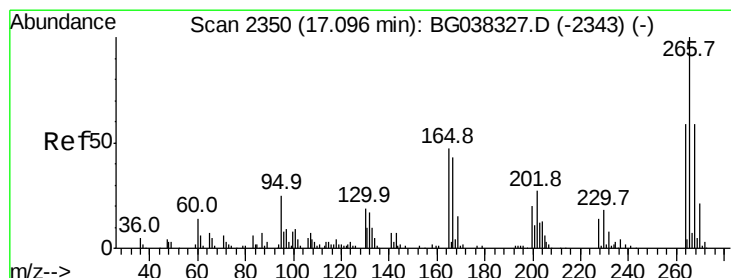
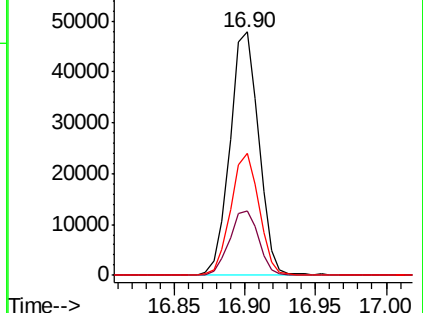
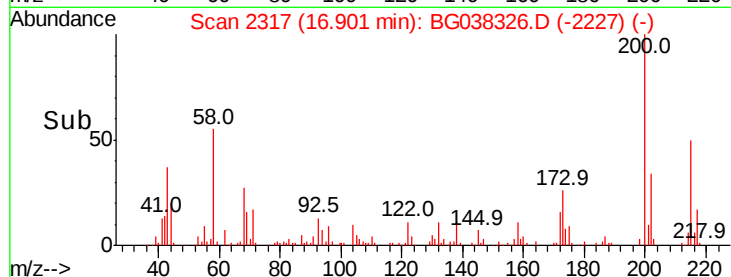
#69
Atrazine
Concen: 26.459 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 68112
Ion Ratio Lower Upper
200 100
173 26.2 6.1 46.1
215 50.1 30.8 70.8

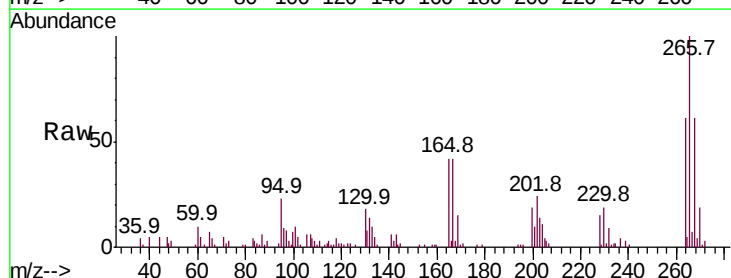


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

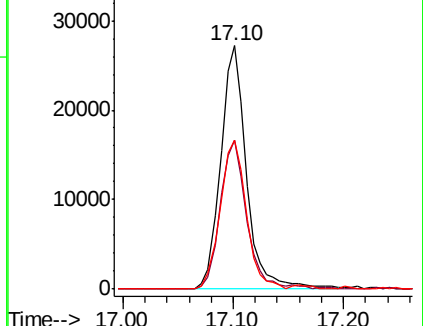
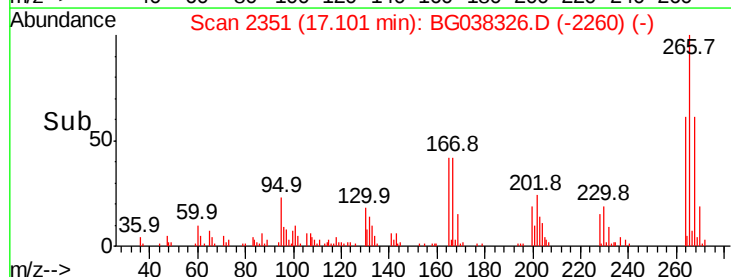


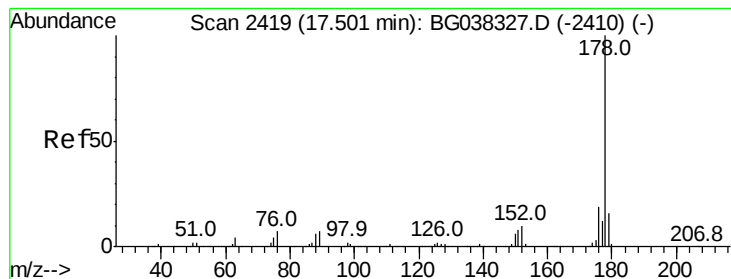
#70
Pentachlorophenol
Concen: 25.104 ng
RT: 17.10 min Scan# 2351
Delta R.T. 0.01 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:266 Resp: 44586
Ion Ratio Lower Upper
266 100
268 65.8 55.0 82.6
264 66.1 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: 25.857 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

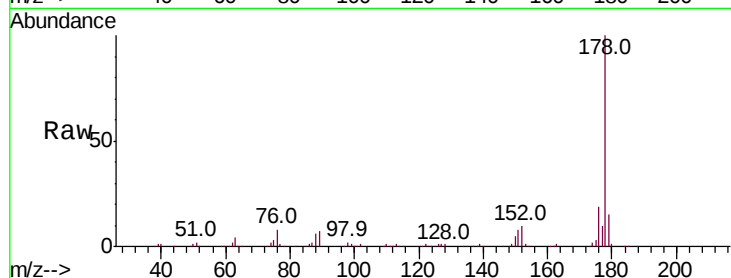
Tot Ion:178 Resp: 305583

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	14.9	13.0	19.4

178 100

176 19.1 16.1 24.1

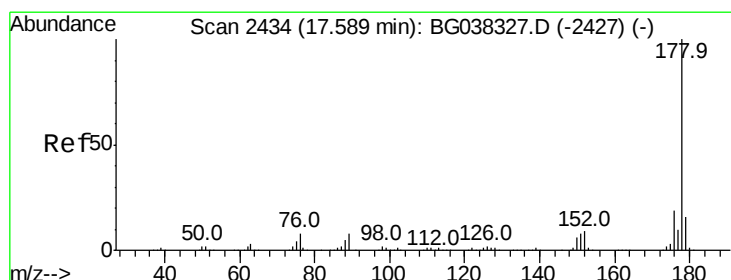
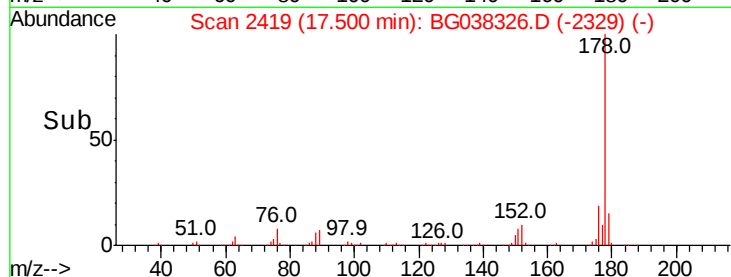
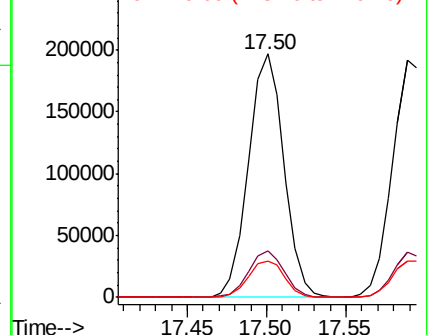
179 14.9 13.0 19.4



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: 25.880 ng

RT: 17.59 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

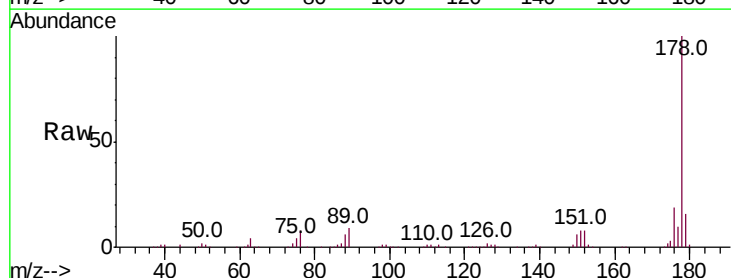
Tgt Ion:178 Resp: 301483

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.6	12.8	19.2

178 100

176 19.3 15.0 22.4

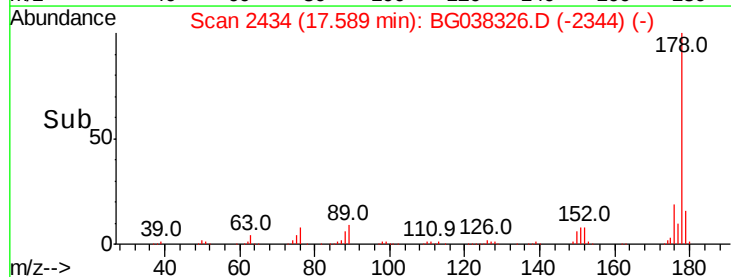
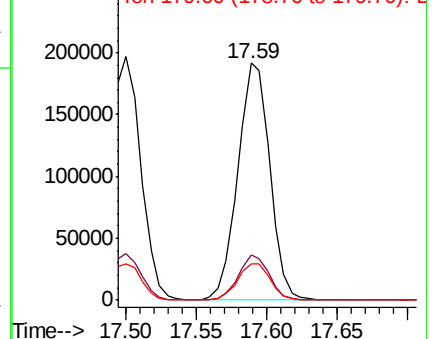
179 15.6 12.8 19.2

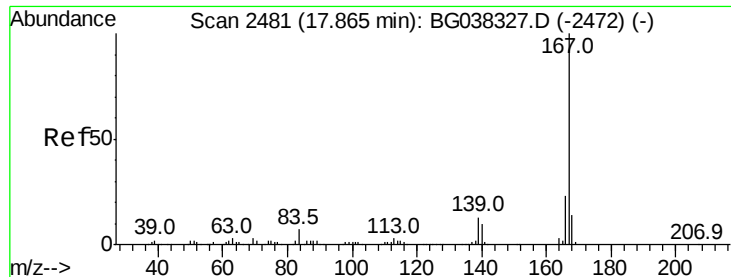


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

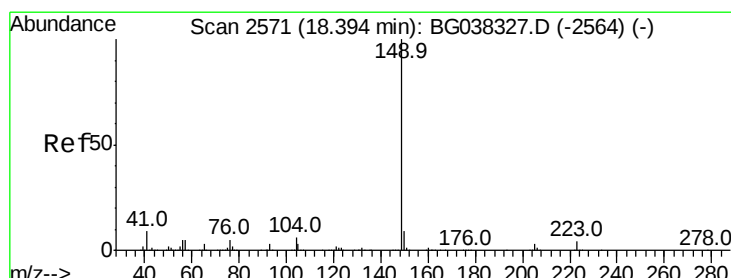
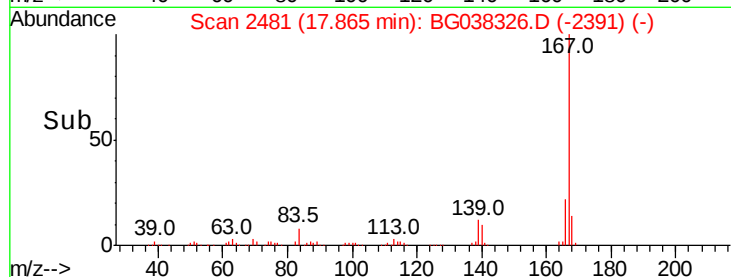
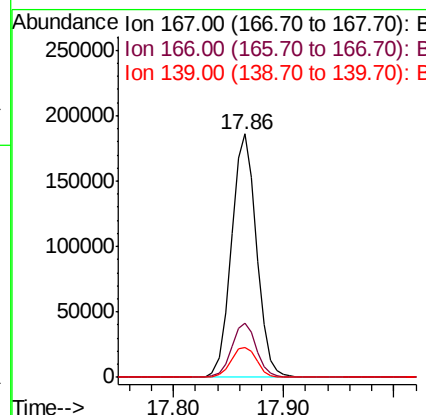
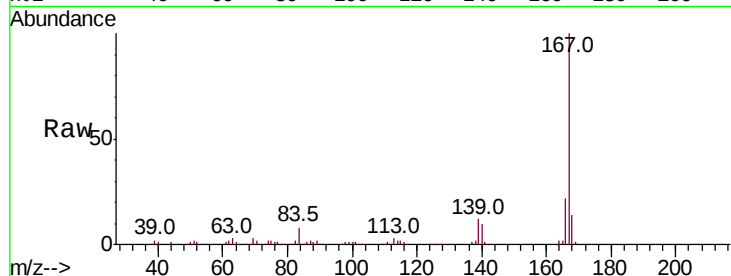




#73
 Carbazole
 Concen: 25.304 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

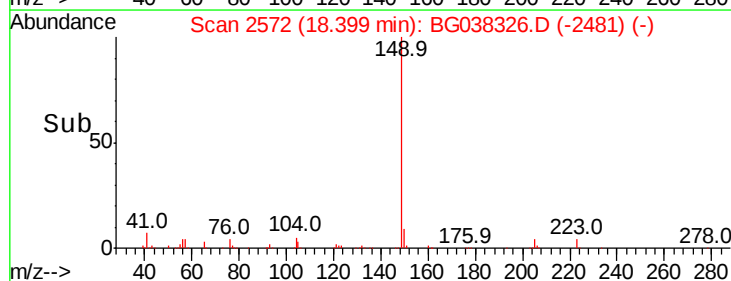
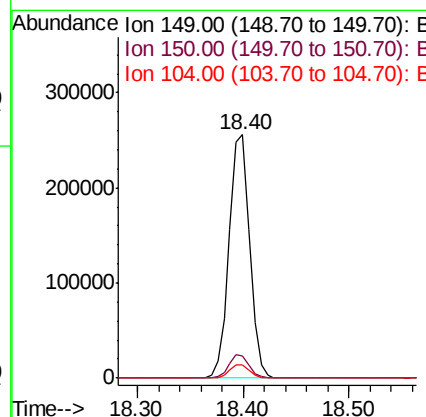
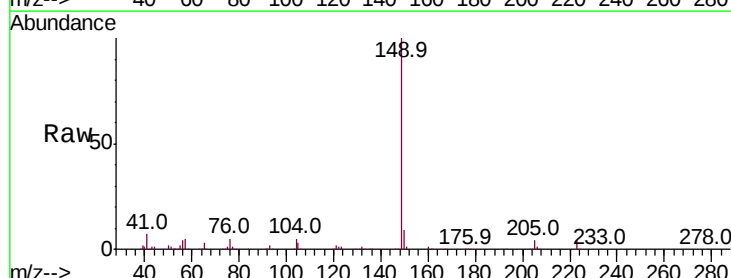
Instrument :
 BNA_G
 ClientSampleId :

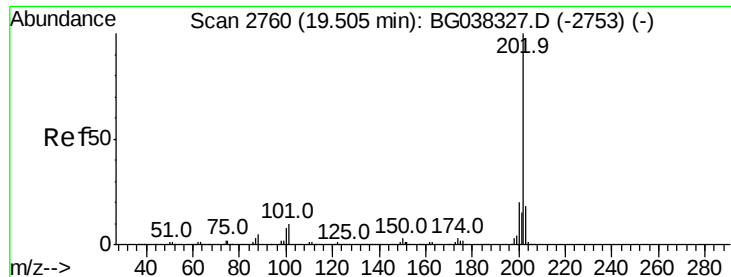
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	12.4	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 26.378 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. 0.01 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 27.312 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

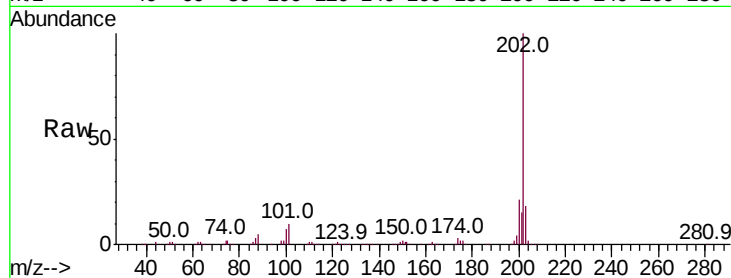
Tot Ion:202 Resp: 368260

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

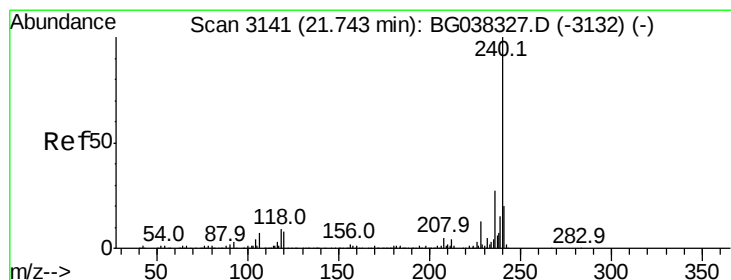
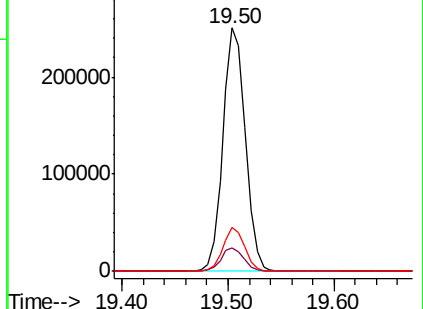
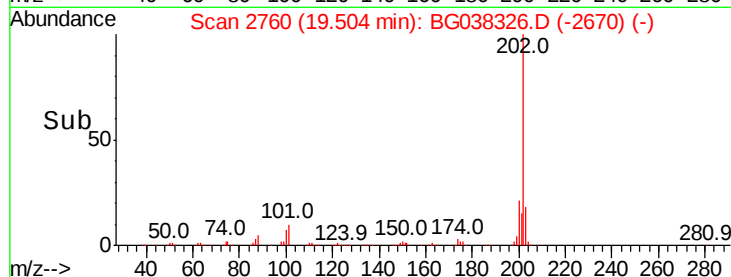
203 18.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

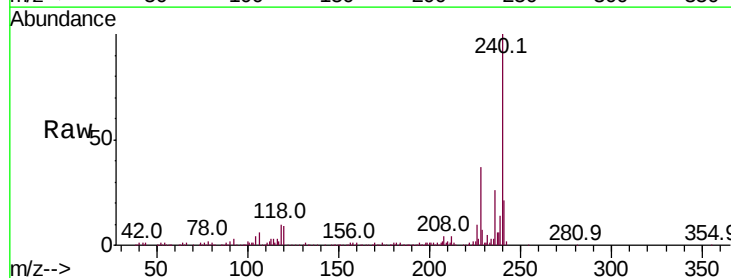
Tgt Ion:240 Resp: 211320

Ion Ratio Lower Upper

240 100

120 8.5 8.1 12.1

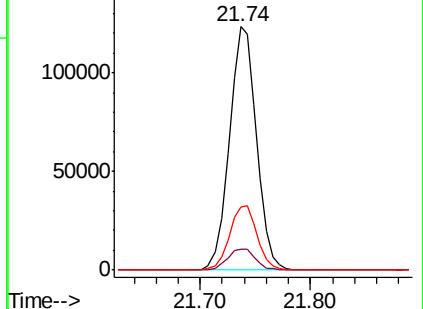
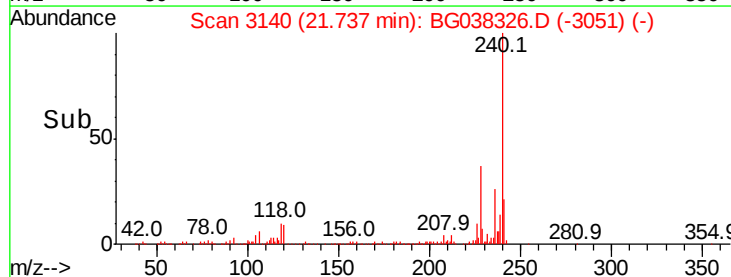
236 25.8 21.4 32.0

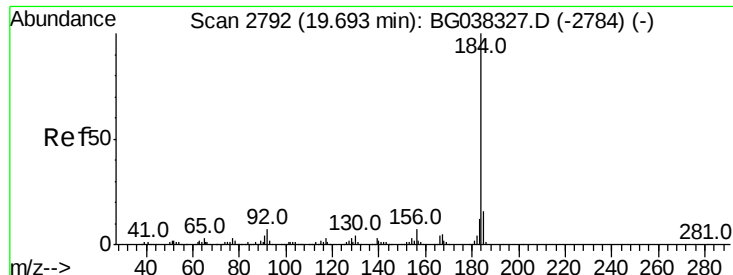


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.089 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

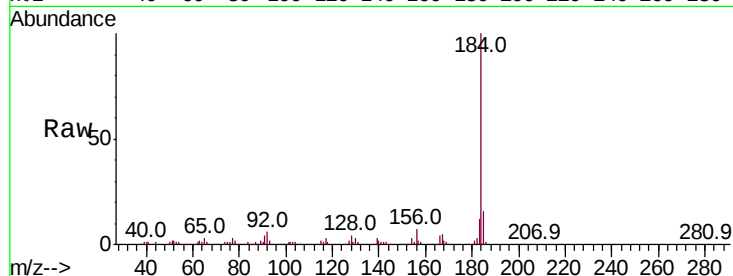
Tot Ion:184 Resp: 193448

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

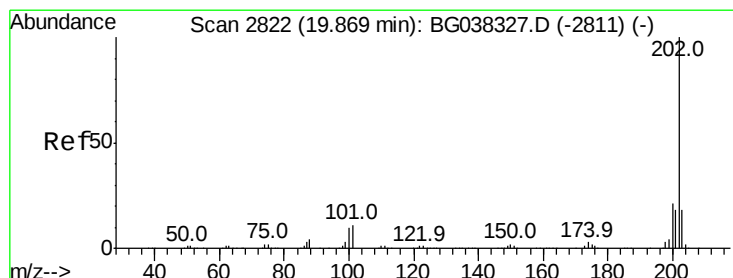
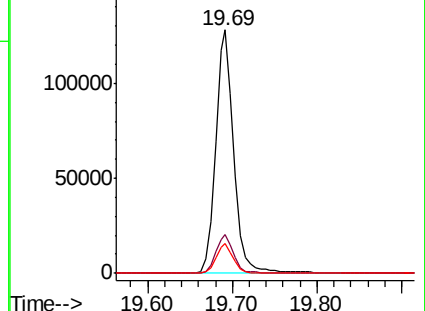
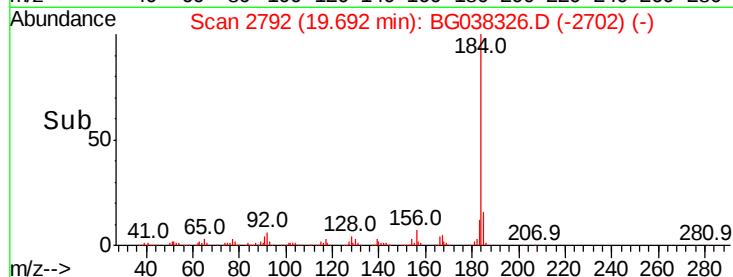
183 12.5 10.2 15.2



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: 26.694 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

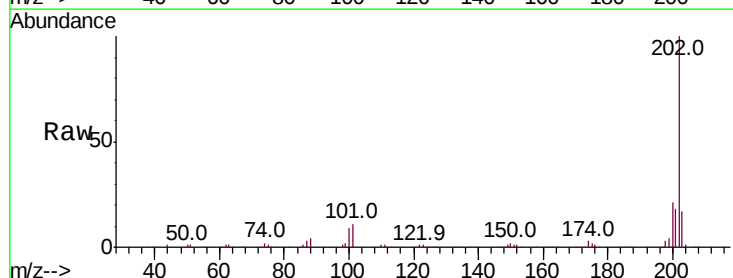
Tgt Ion:202 Resp: 368816

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

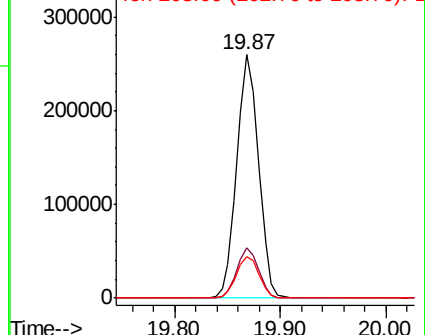
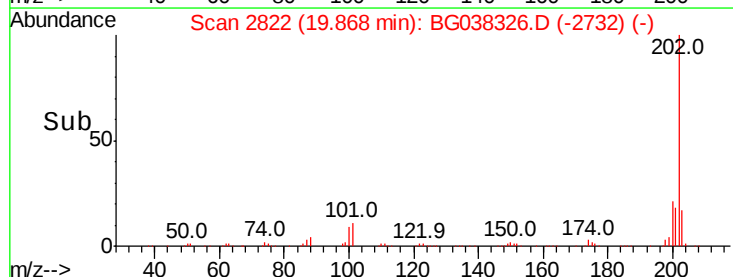
203 16.9 15.2 22.8

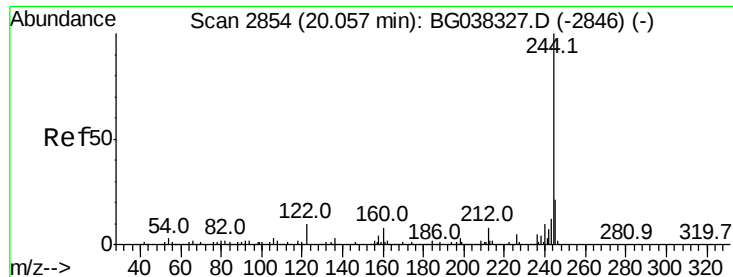


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.834 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

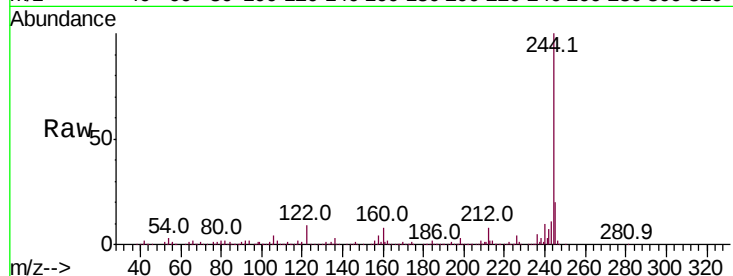
Tot Ion:244 Resp: 510414

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

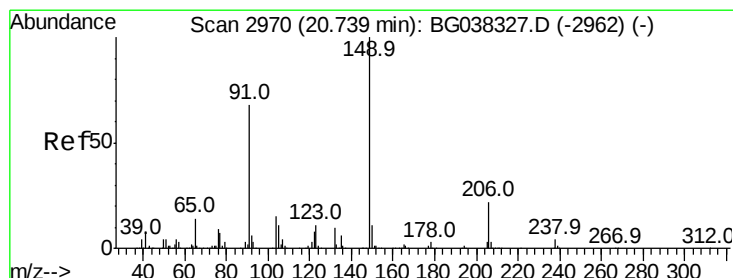
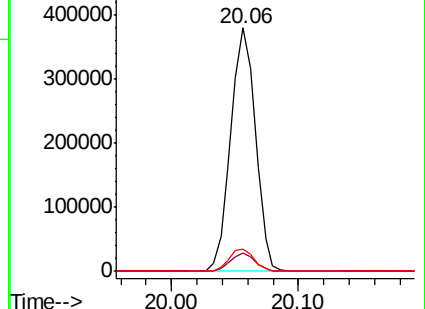
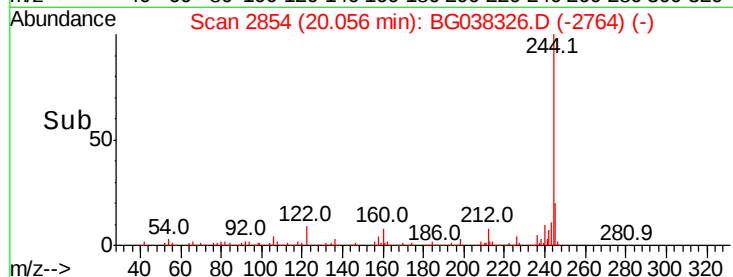
122 9.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 25.229 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

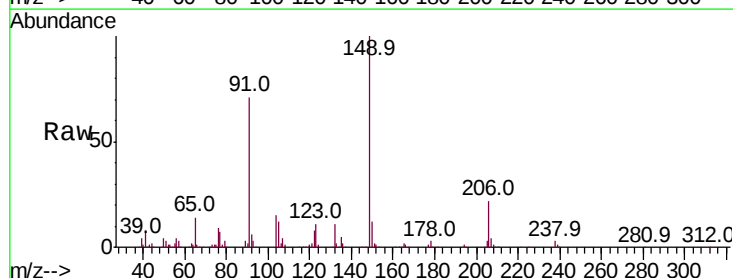
Tgt Ion:149 Resp: 152435

Ion Ratio Lower Upper

149 100

91 70.7 57.0 85.4

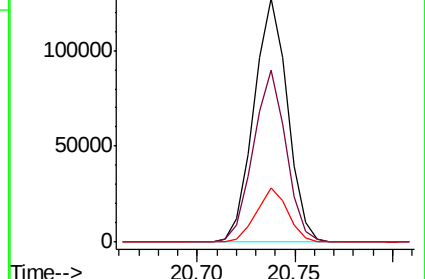
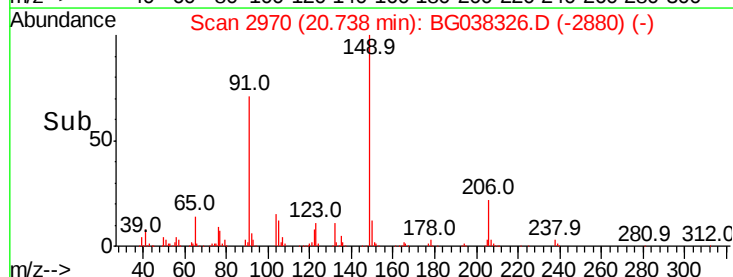
206 22.1 17.8 26.6

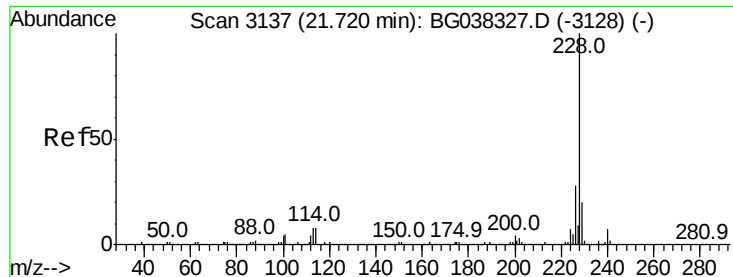


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.869 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampled :

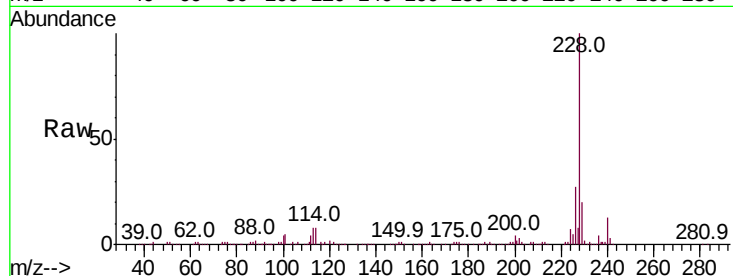
Tot Ion:228 Resp: 330348

Ion Ratio Lower Upper

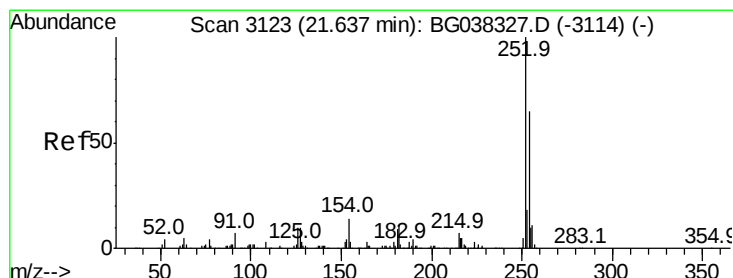
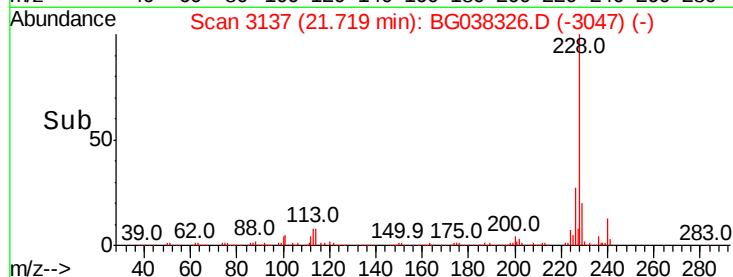
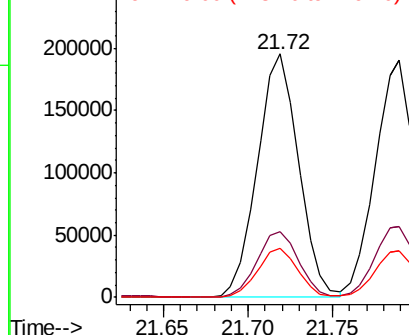
228 100

226 26.8 22.6 33.8

229 20.1 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: 26.470 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

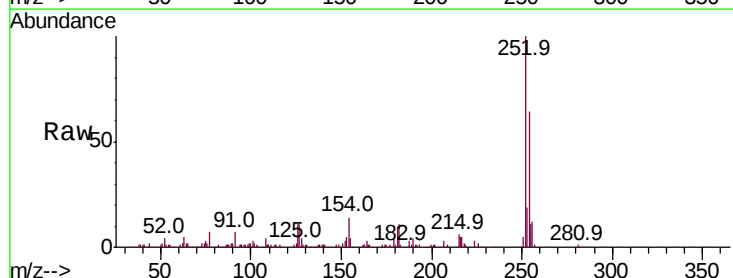
Tgt Ion:252 Resp: 131676

Ion Ratio Lower Upper

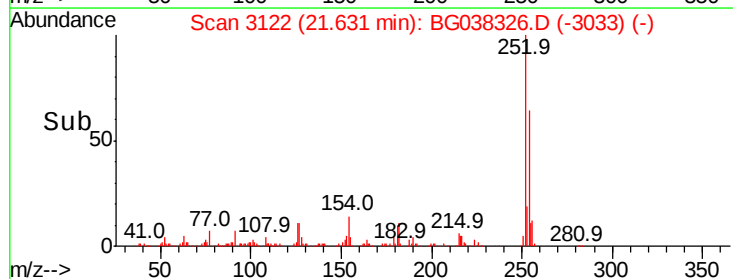
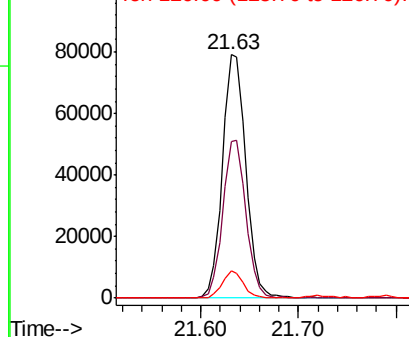
252 100

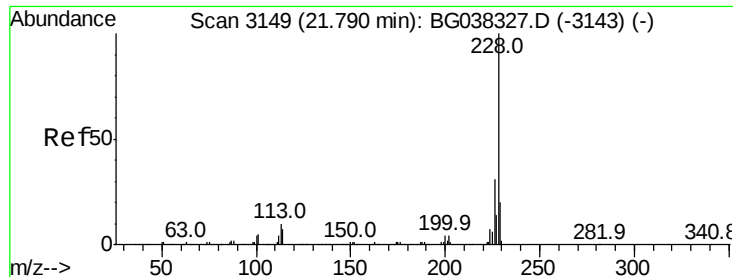
254 64.1 52.0 78.0

126 11.1 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

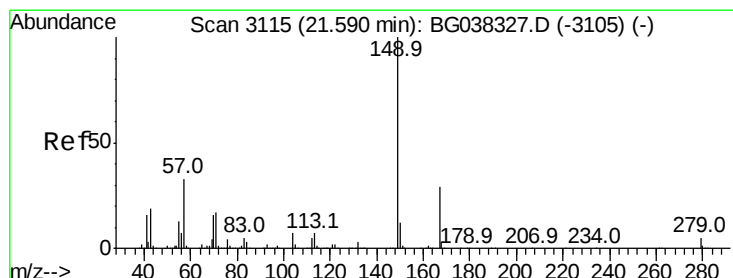
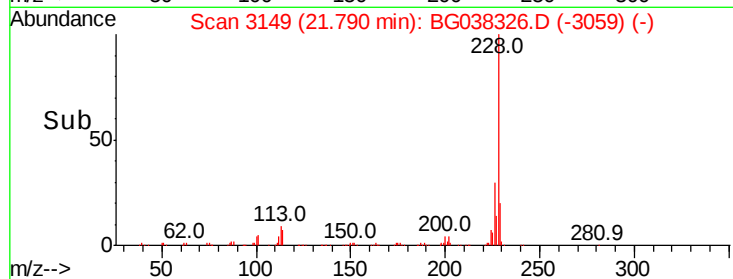
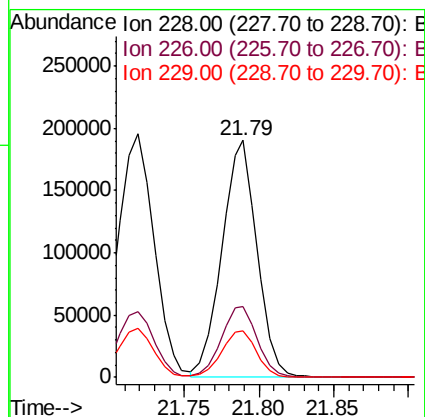
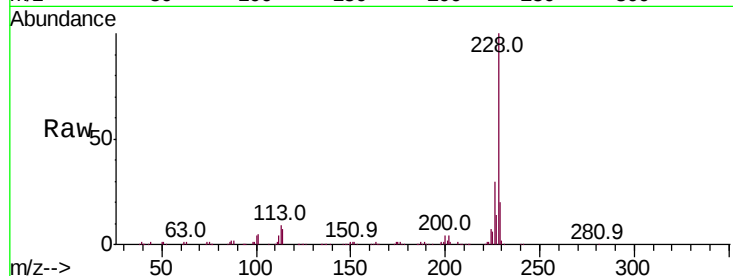




#83
 Chrvsene
 Concen: 25.492 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

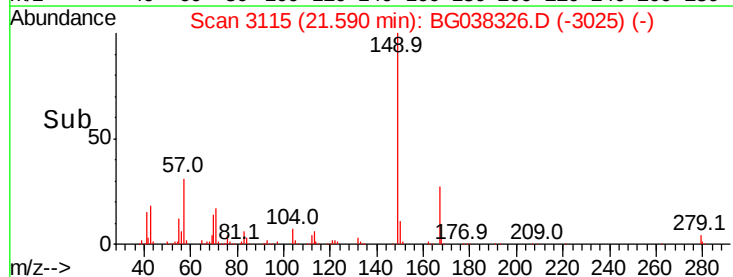
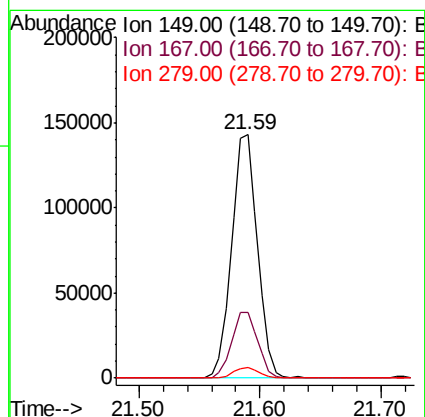
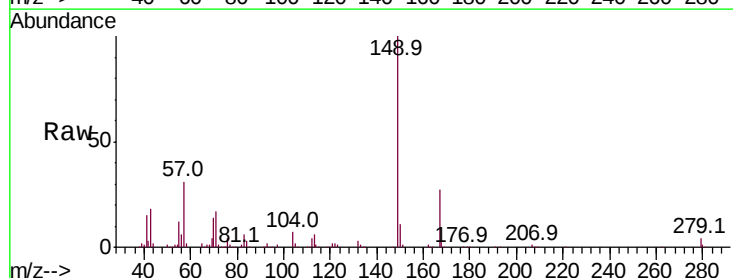
Instrument :
 BNA_G
 ClientSampled :

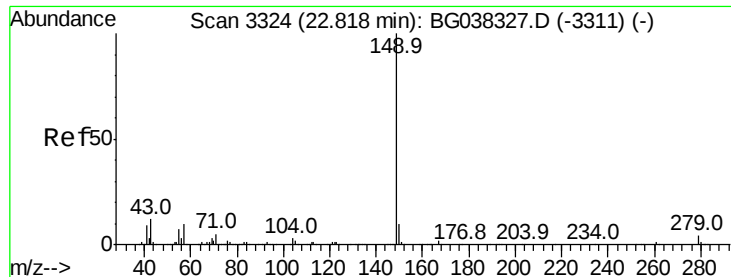
Tot Ion:228 Resp: 311470
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.7 38.5
 229 19.8 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.710 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BG038326.D
 Acq: 4 Dec 2018 12:43

Tgt Ion:149 Resp: 212913
 Ion Ratio Lower Upper
 149 100
 167 27.2 23.0 34.4
 279 4.4 3.6 5.4

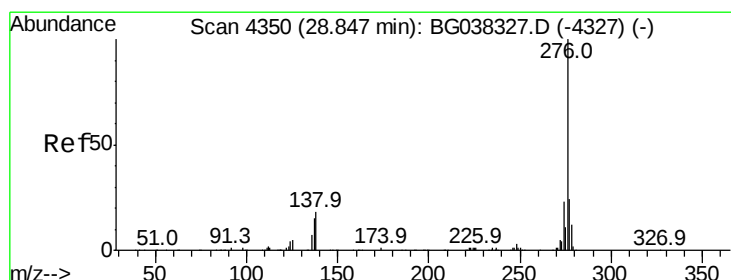
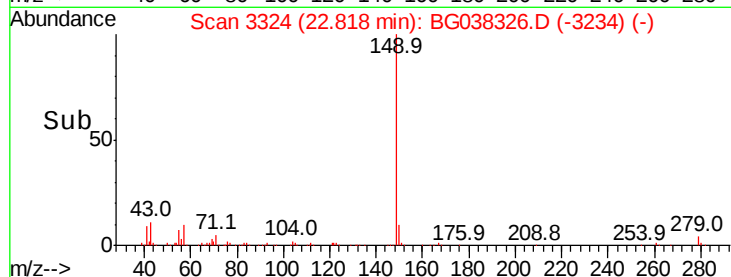
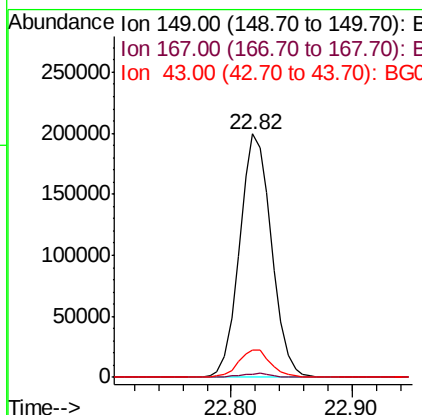
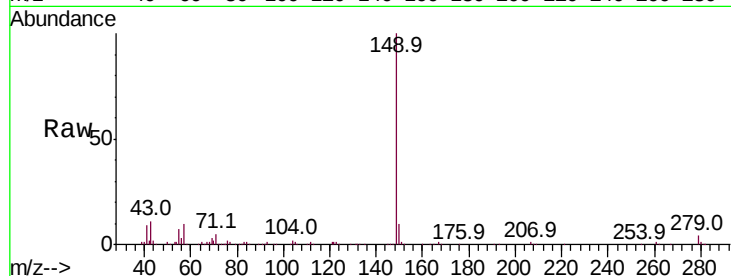




#85
Di-n-octyl phthalate
Concen: 26.198 ng
RT: 22.82 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

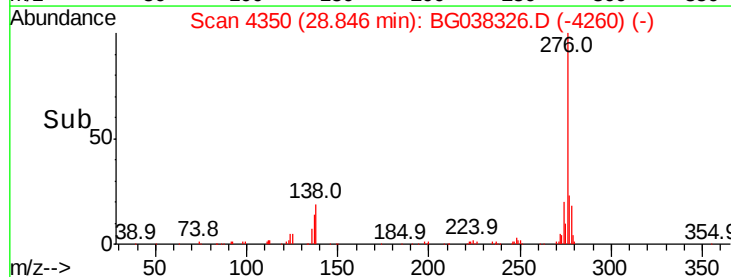
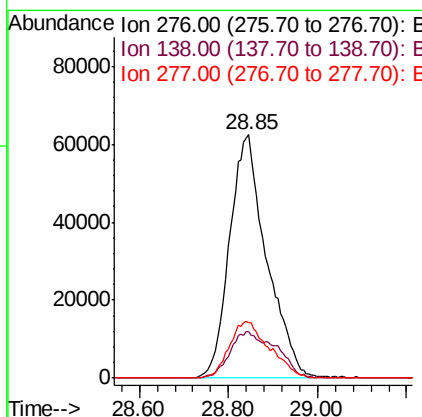
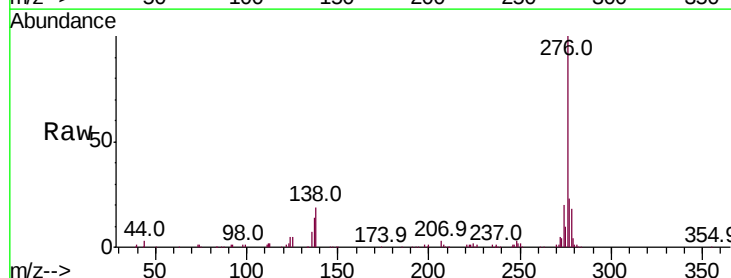
Instrument :
BNA_G
ClientSampleId :

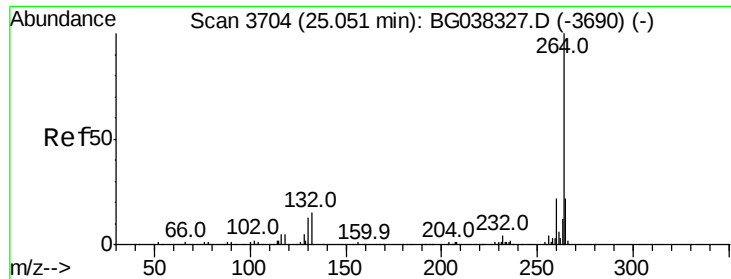
Tot Ion:149 Resp: 365192
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 26.647 ng
RT: 28.85 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion:276 Resp: 361602
Ion Ratio Lower Upper
276 100
138 23.9 12.0 18.0#
277 25.3 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

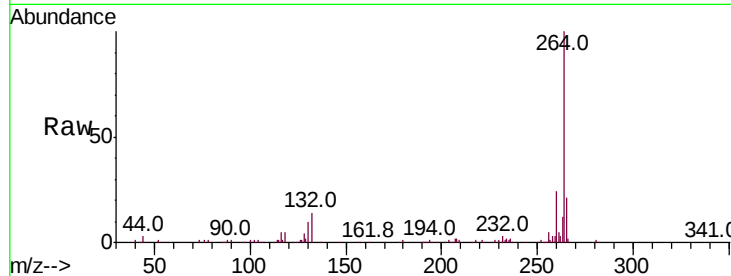
Tot Ion:264 Resp: 223927

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.4	17.9	26.9

264 100

260 23.6 18.2 27.4

265 21.4 17.9 26.9

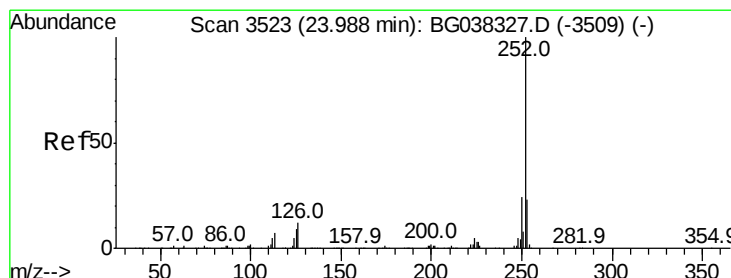
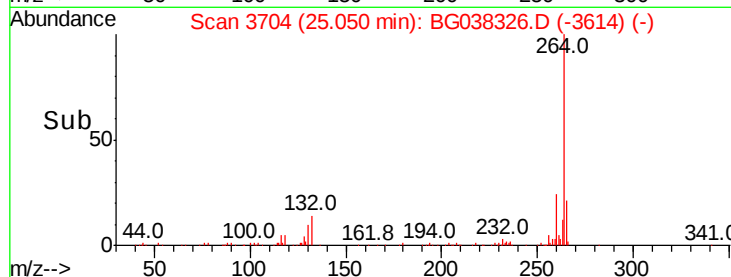
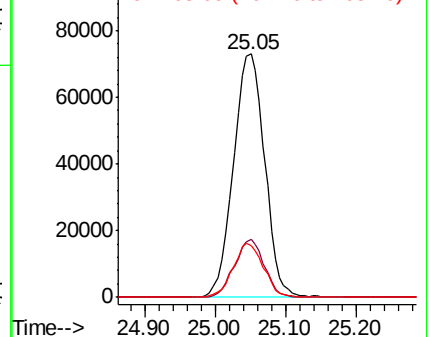


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 25.508 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

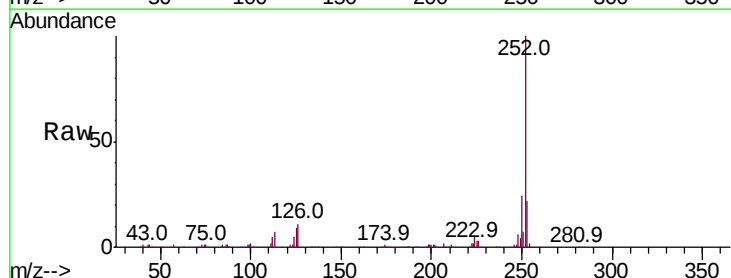
Tgt Ion:252 Resp: 314334

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	9.1	7.8	11.6

252 100

253 21.7 18.2 27.2

125 9.1 7.8 11.6

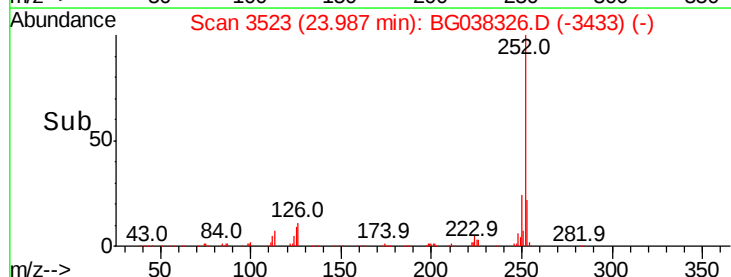
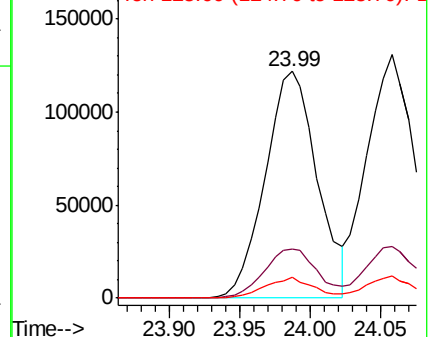


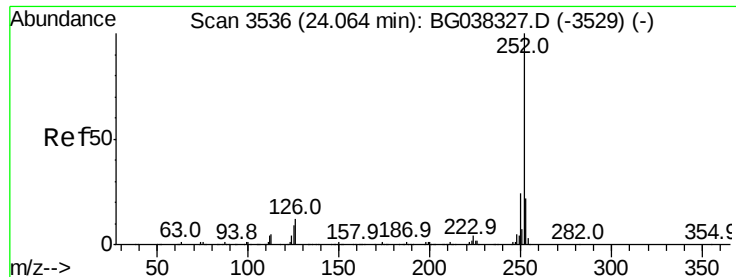
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

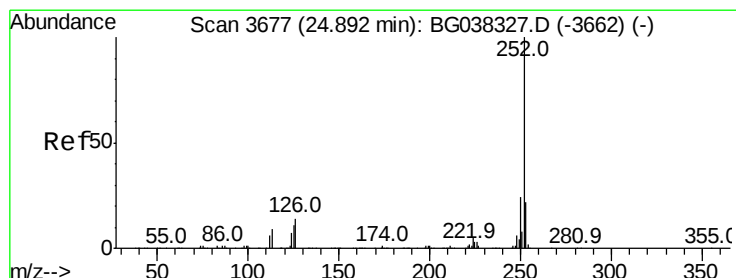
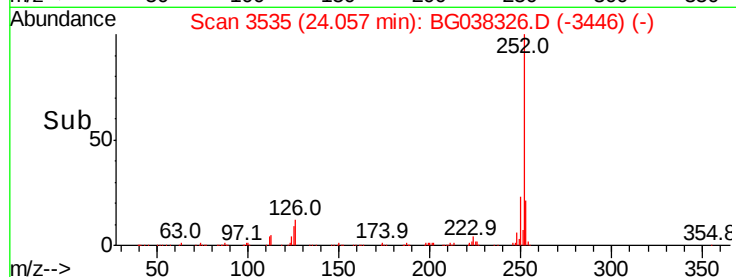
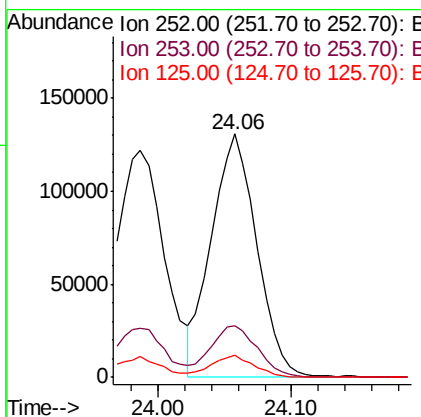
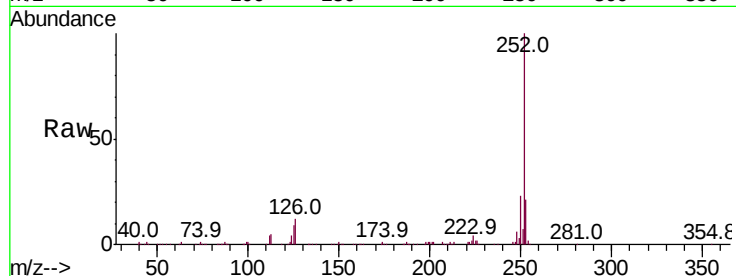




#89
Benzo(k)fluoranthene
Concen: 25.351 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

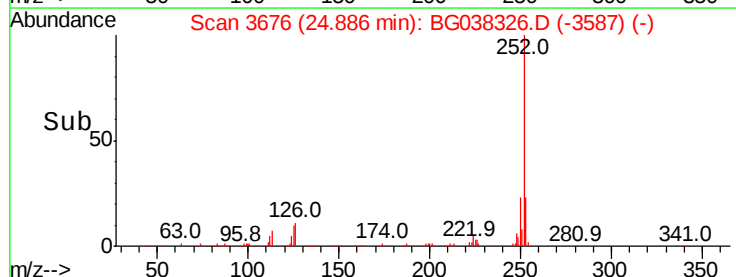
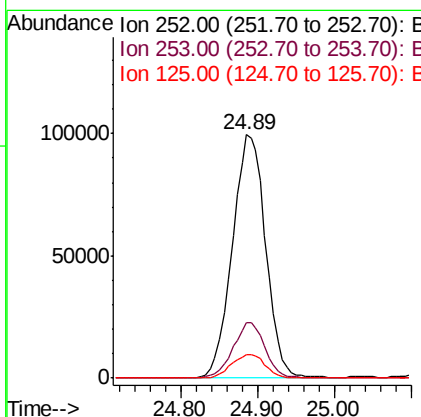
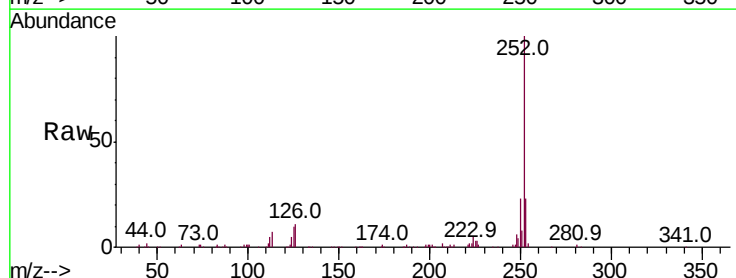
Instrument :
BNA_G
ClientSampleId :

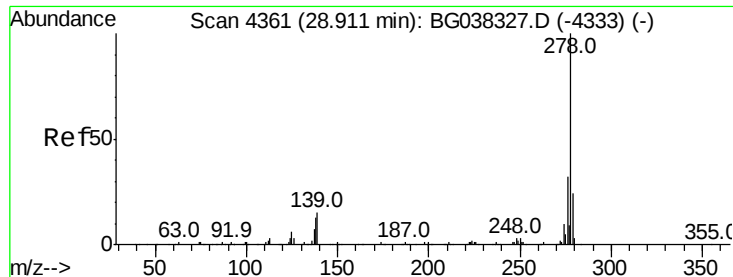
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	8.9	7.4	11.0



#90
Benzo(a)pyrene
Concen: 25.525 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038326.D
Acq: 4 Dec 2018 12:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	9.9	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 26.662 ng

RT: 28.90 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

Instrument :

BNA_G

ClientSampleId :

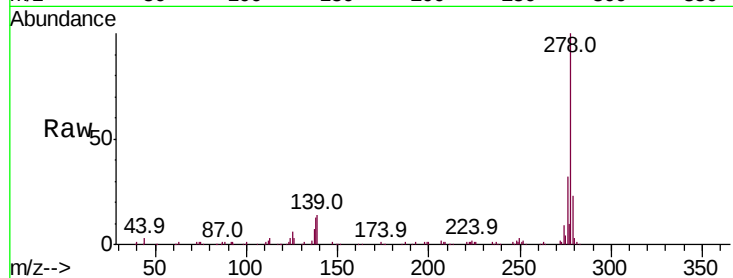
Tot Ion:278 Resp: 302119

Ion Ratio Lower Upper

278 100

139 14.3 11.5 17.3

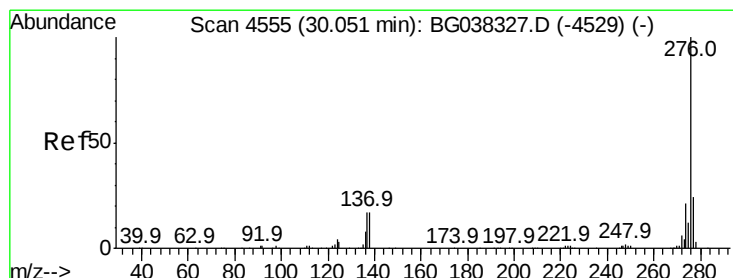
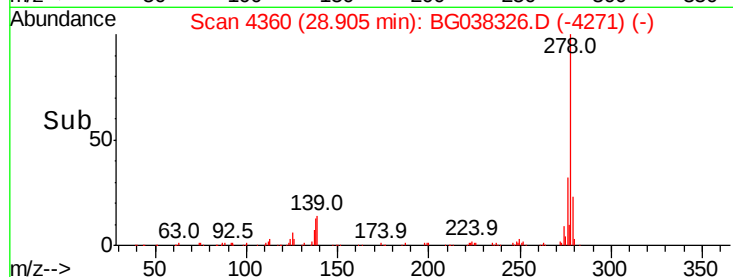
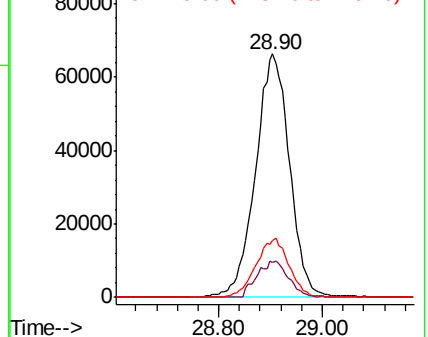
279 23.3 18.6 27.8



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: 28.308 ng

RT: 30.04 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG038326.D

Acq: 4 Dec 2018 12:43

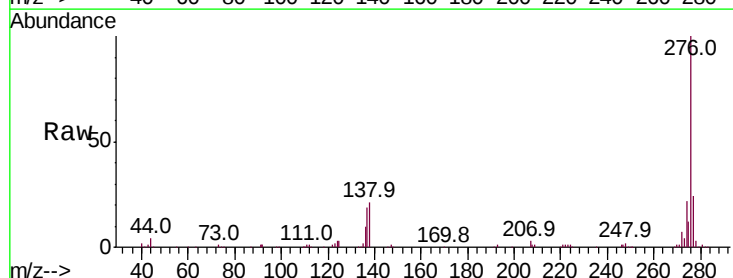
Tgt Ion:276 Resp: 318942

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 20.7 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

