

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038349.D
 Acq On : 5 Dec 2018 7:45
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 10:12:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	35190	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	159137	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	102845	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	240415	20.00	ng	0.00
76) Chrysene-d12	21.74	240	223994	20.00	ng	0.00
87) Perylene-d12	25.05	264	239099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	163254	82.10	ng	0.00
7) Phenol-d6	7.21	99	299296	104.14	ng	-0.01
23) Nitrobenzene-d5	9.25	82	245792	76.68	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	105349	83.44	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	557671	77.27	ng	0.00
79) Terphenyl-d14	20.06	244	786656	75.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	34473	37.825	ng	94
3) Pyridine	3.91	79	147858	54.228	ng	96
4) n-Nitrosodimethylamine	3.83	42	61190	51.234	ng	# 98
6) Aniline	7.40	93	146754	39.978	ng	98
8) 2-Chlorophenol	7.63	128	96466	41.770	ng	99
9) Benzaldehyde	7.21	77	95913	52.701	ng	98
10) Phenol	7.25	94	132162	43.522	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	100974	40.601	ng	98
12) 1,3-Dichlorobenzene	7.96	146	109043	40.398	ng	96
13) 1,4-Dichlorobenzene	8.11	146	109550	39.226	ng	99
14) 1,2-Dichlorobenzene	8.43	146	104868	40.975	ng	97
15) Benzyl Alcohol	8.31	79	95601	40.459	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	222166	39.274	ng	96
17) 2-Methylphenol	8.51	107	84744	39.832	ng	97
18) Hexachloroethane	9.15	117	40498	40.178	ng	94
19) n-Nitroso-di-n-propylamine	8.88	70	85281	40.631	ng	94
20) 3+4-Methylphenols	8.83	107	119365	39.017	ng	98
22) Acetophenone	8.90	105	155033	40.385	ng	# 94
24) Nitrobenzene	9.29	77	124942	38.366	ng	98
25) Isophorone	9.80	82	213430	37.890	ng	97
26) 2-Nitrophenol	10.00	139	62128	41.174	ng	92
27) 2,4-Dimethylphenol	10.04	122	91577	42.254	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	133838	41.446	ng	98
29) 2,4-Dichlorophenol	10.53	162	103751	41.937	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	115242	39.681	ng	96
31) Naphthalene	10.94	128	305348	40.169	ng	99
32) Benzoic acid	10.20	122	62141	41.142	ng	94
33) 4-Chloroaniline	11.06	127	143209	42.557	ng	98
34) Hexachlorobutadiene	11.20	225	73813	40.626	ng	99
35) Caprolactam	11.85	113	42410	41.453	ng	# 91
36) 4-Chloro-3-methylphenol	12.16	107	126151	45.893	ng	99
37) 2-Methylnaphthalene	12.55	142	280971	51.902	ng	99
38) 1-Methylnaphthalene	12.76	142	277112	53.446	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	141685	40.037	ng	98

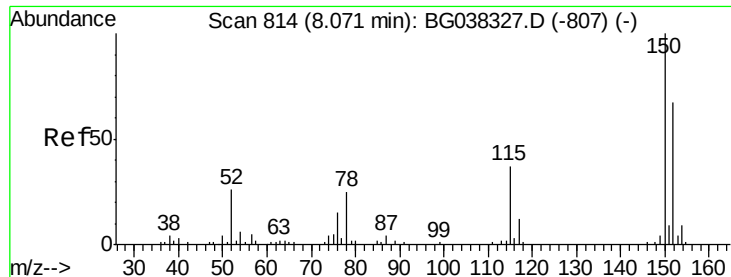
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038349.D
 Acq On : 5 Dec 2018 7:45
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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 BNA_G
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	80470	41.378	ng	97
43) 2,4,6-Trichlorophenol	13.14	196	91376	39.860	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	97811	40.275	ng	96
46) 1,1'-Biphenyl	13.54	154	332299	38.224	ng	98
47) 2-Chloronaphthalene	13.59	162	253149	38.590	ng	98
48) 2-Nitroaniline	13.80	65	88362	40.150	ng	99
49) Acenaphthylene	14.43	152	390474	39.522	ng	99
50) Dimethylphthalate	14.16	163	325288	39.433	ng	99
51) 2,6-Dinitrotoluene	14.29	165	75036	39.821	ng	98
52) Acenaphthene	14.77	154	231085	38.367	ng	97
53) 3-Nitroaniline	14.63	138	80363	39.599	ng	# 96
54) 2,4-Dinitrophenol	14.83	184	40372	39.084	ng	# 84
55) Dibenzofuran	15.11	168	386216	38.787	ng	97
56) 4-Nitrophenol	14.92	139	61735	38.509	ng	92
57) 2,4-Dinitrotoluene	15.07	165	102573	39.467	ng	95
58) Fluorene	15.76	166	289150	39.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85494	40.533	ng	98
60) Diethylphthalate	15.51	149	346029	37.863	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	176619	40.083	ng	99
62) 4-Nitroaniline	15.79	138	80910	40.535	ng	91
63) Azobenzene	16.04	77	309793	38.733	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	66645	42.308	ng	91
66) n-Nitrosodiphenylamine	15.96	169	283404	41.920	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	111510	42.951	ng	97
68) Hexachlorobenzene	16.75	284	114963	42.930	ng	99
69) Atrazine	16.90	200	108428	42.982	ng	99
70) Pentachlorophenol	17.10	266	76620	41.773	ng	94
71) Phenanthrene	17.50	178	486808	40.433	ng	99
72) Anthracene	17.59	178	477521	40.956	ng	100
73) Carbazole	17.86	167	480099	41.488	ng	100
74) Di-n-butylphthalate	18.39	149	547937	40.531	ng	99
75) Fluoranthene	19.50	202	567376	40.335	ng	99
77) Benzidine	19.69	184	297139	39.311	ng	99
78) Pyrene	19.87	202	572745	36.545	ng	100
80) Butylbenzylphthalate	20.74	149	245400	38.931	ng	98
81) Benzo(a)anthracene	21.72	228	535363	38.888	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	211477	39.488	ng	99
83) Chrysene	21.79	228	506034	38.843	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	345055	38.621	ng	98
85) Di-n-octyl phthalate	22.82	149	571749	37.321	ng	97
86) Indeno(1,2,3-cd)pyrene	28.85	276	587706	39.694	ng	99
88) Benzo(b)fluoranthene	23.99	252	583973	43.226	ng	98
89) Benzo(k)fluoranthene	24.06	252	548548	40.768	ng	98
90) Benzo(a)pyrene	24.89	252	501374	38.260	ng	# 97
91) Dibenzo(a,h)anthracene	28.91	278	490272	39.446	ng	97
92) Benzo(g,h,i)perylene	30.04	276	482560	39.133	ng	97

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

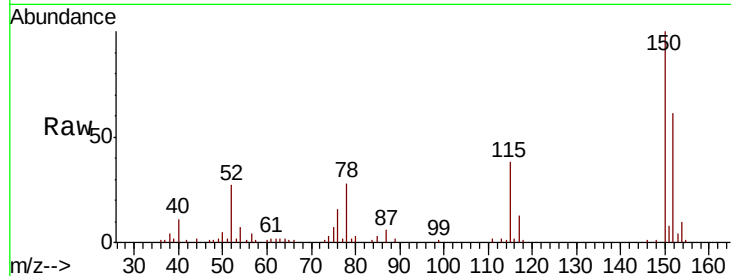


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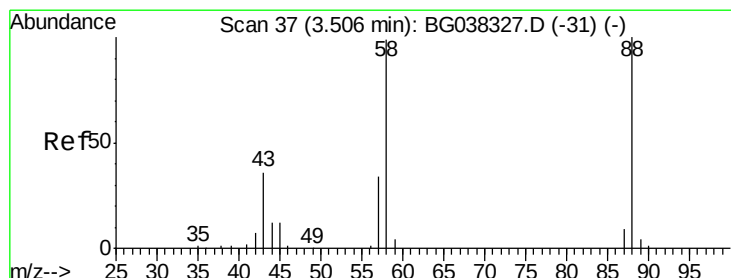
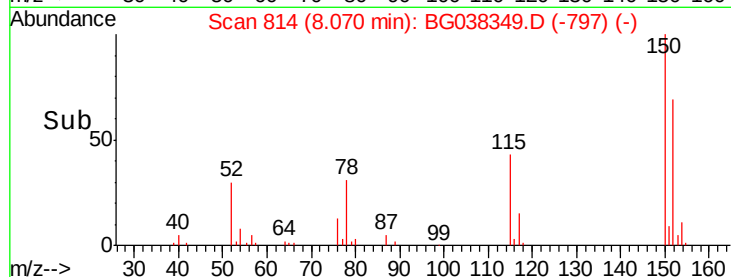
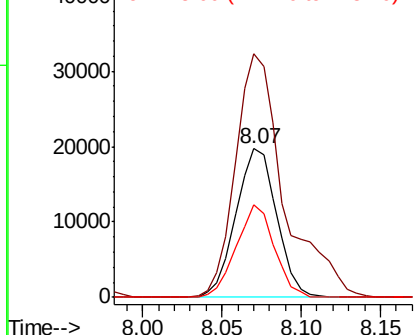
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35190
Ion Ratio Lower Upper
152 100
150 164.1 126.0 189.0
115 62.6 45.5 68.3



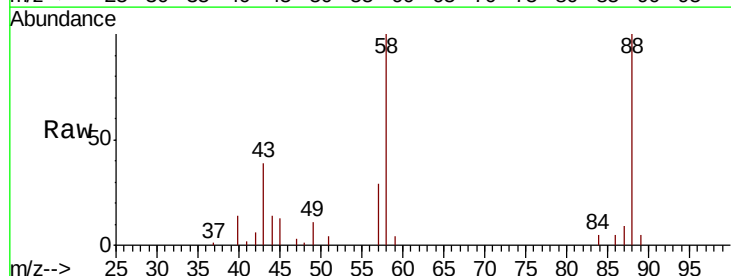
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



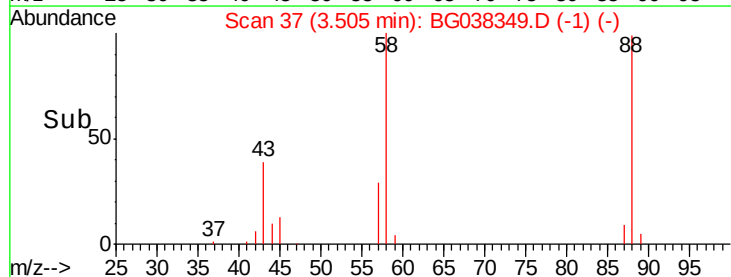
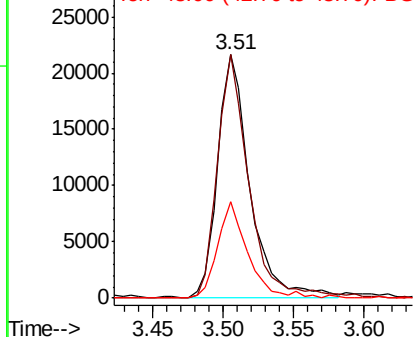
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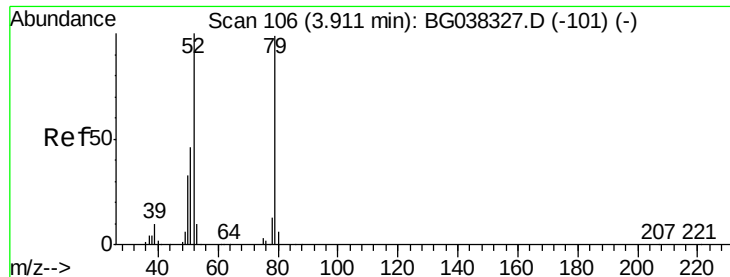
1,4-Dioxane
Concen: 37.825 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion: 88 Resp: 34473
Ion Ratio Lower Upper
88 100
58 98.1 74.4 111.6
43 36.9 25.8 38.8



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





#3

Pvridine

Concen: 54.228 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

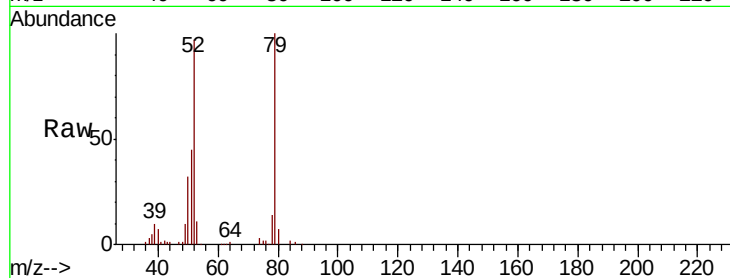
Tot Ion: 79 Resp: 147858

Ion Ratio Lower Upper

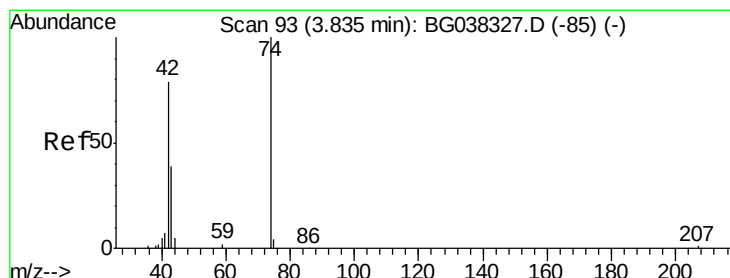
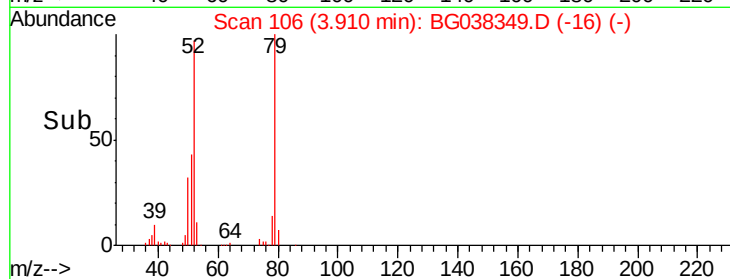
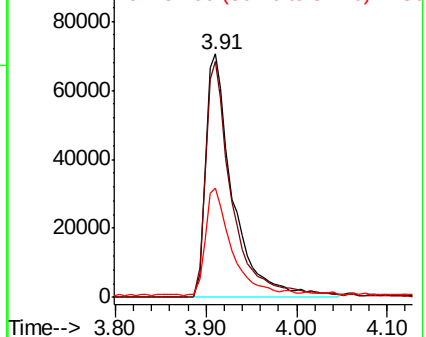
79 100

52 96.8 74.2 111.2

51 44.7 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 51.234 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

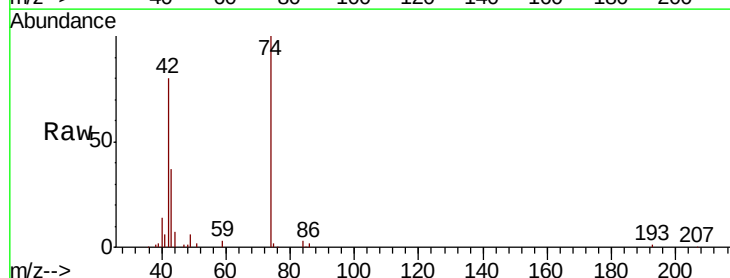
Tgt Ion: 42 Resp: 61190

Ion Ratio Lower Upper

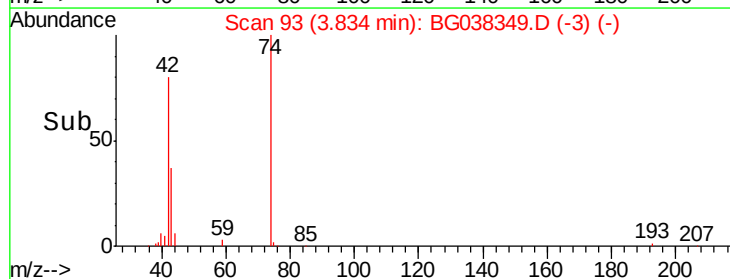
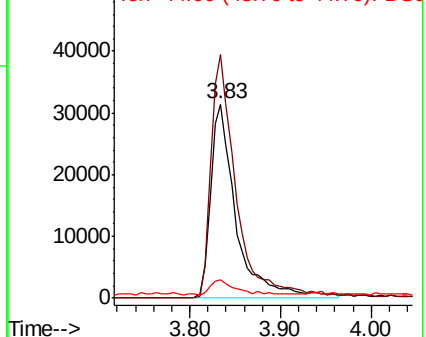
42 100

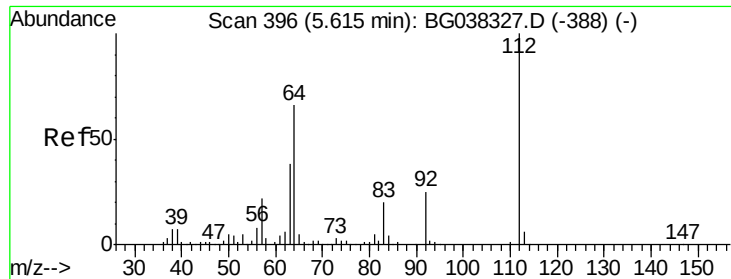
74 125.3 102.0 153.0

44 9.4 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 82.098 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

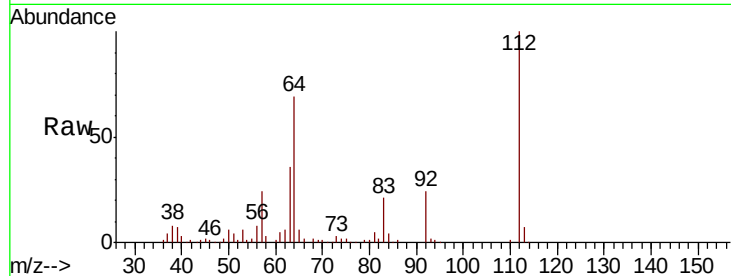
Tot Ion:112 Resp: 163254

Ion Ratio Lower Upper

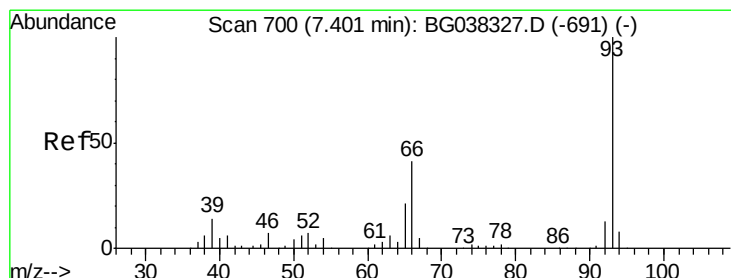
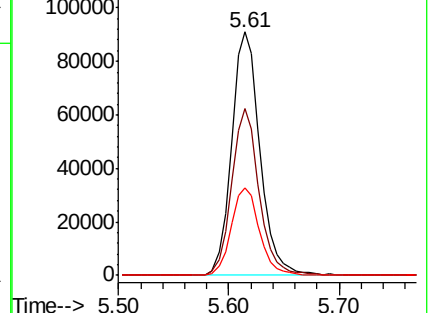
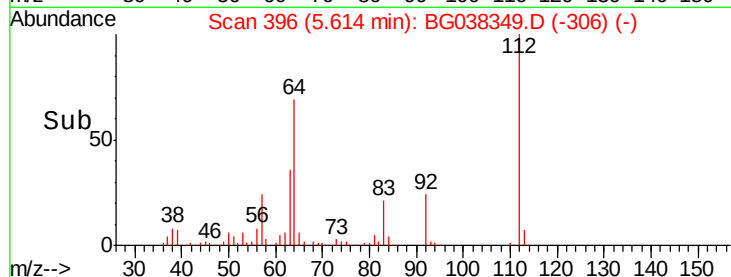
112 100

64 68.7 53.1 79.7

63 36.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.978 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

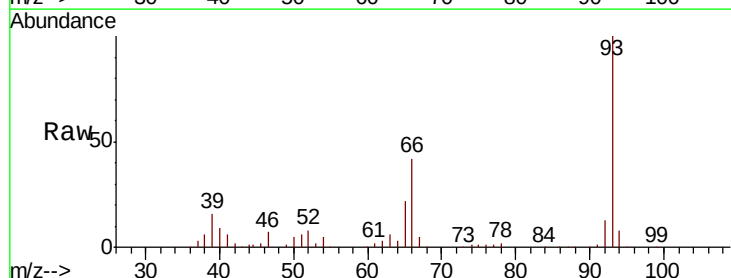
Tgt Ion: 93 Resp: 146754

Ion Ratio Lower Upper

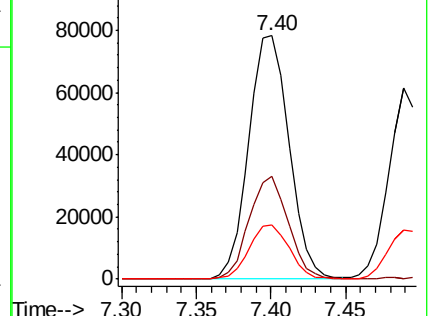
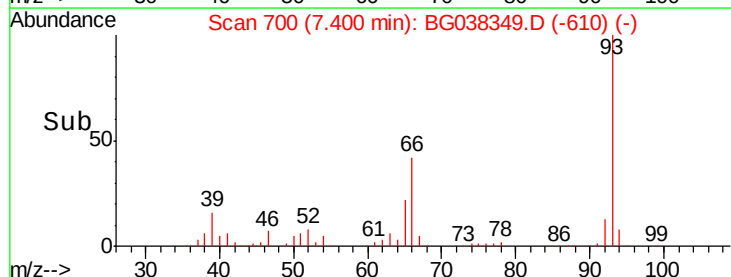
93 100

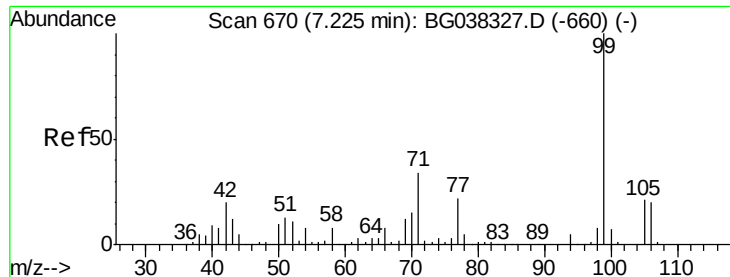
66 42.0 32.8 49.2

65 22.4 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.135 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampled :

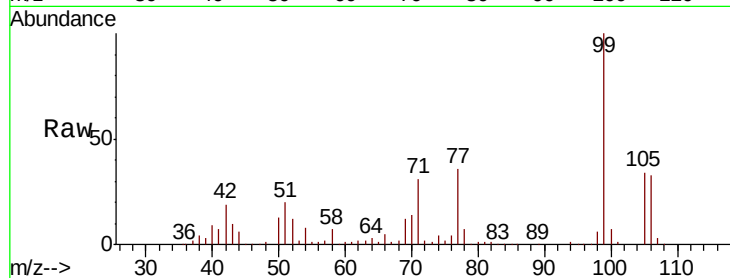
Tot Ion: 99 Resp: 299296

Ion Ratio Lower Upper

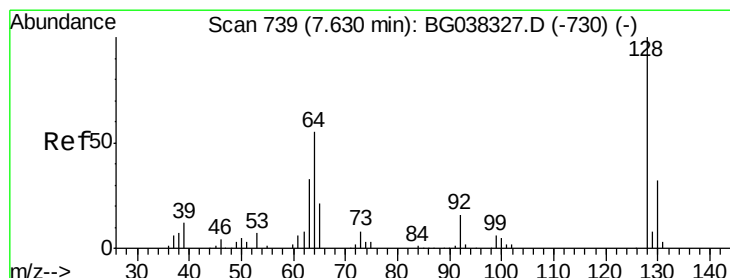
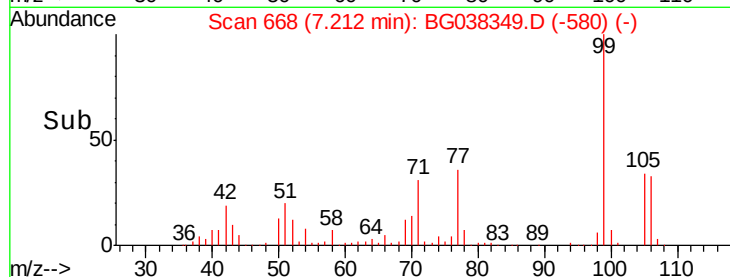
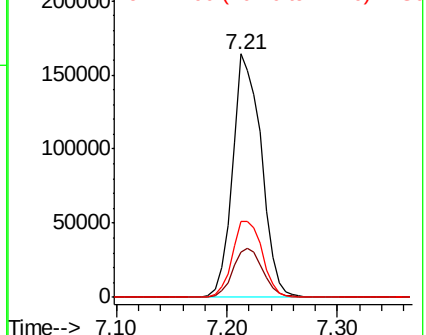
99 100

42 18.7 15.0 22.4

71 31.0 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: 41.770 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

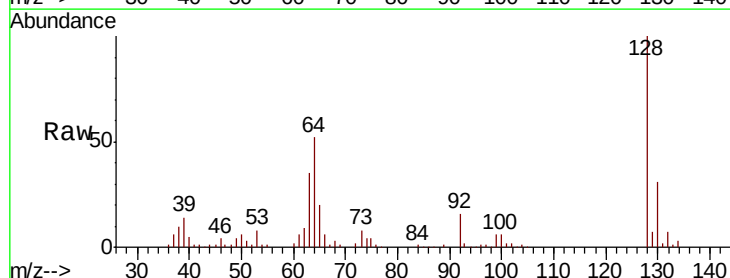
Tgt Ion: 128 Resp: 96466

Ion Ratio Lower Upper

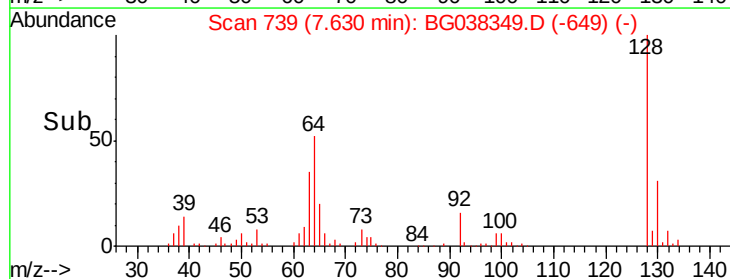
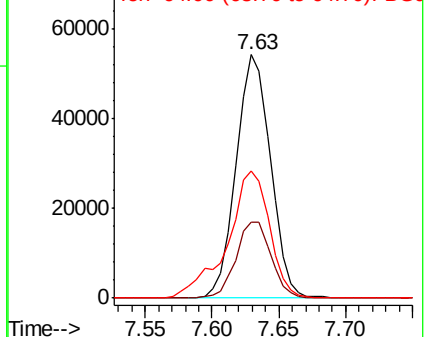
128 100

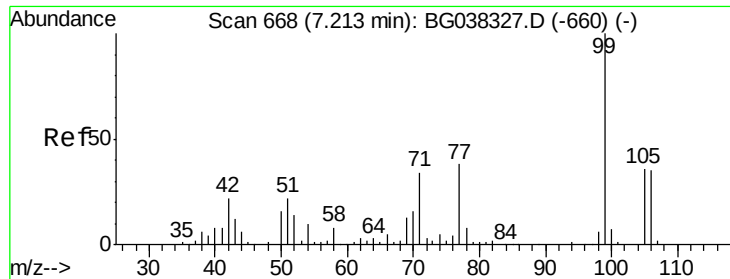
130 31.1 12.0 52.0

64 52.4 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: 52.701 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

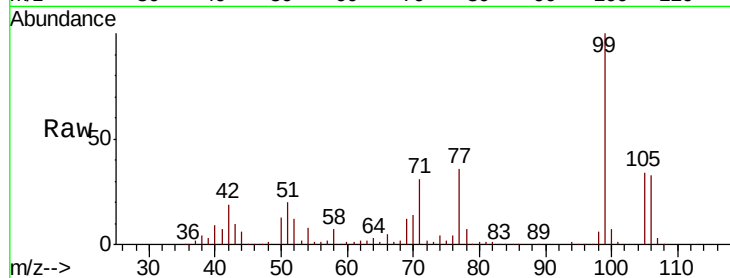
Tot Ion: 77 Resp: 95913

Ion Ratio Lower Upper

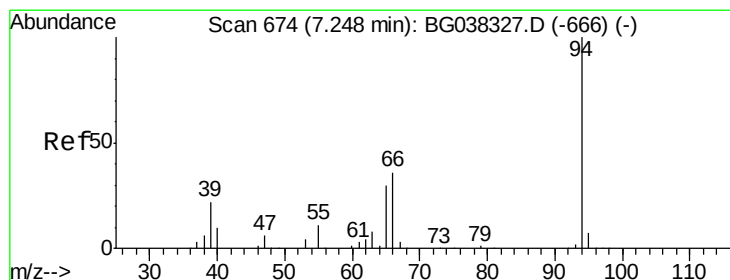
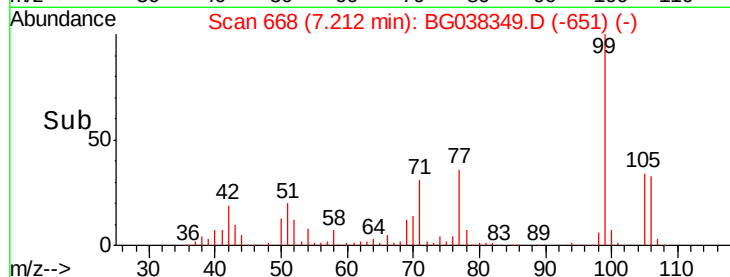
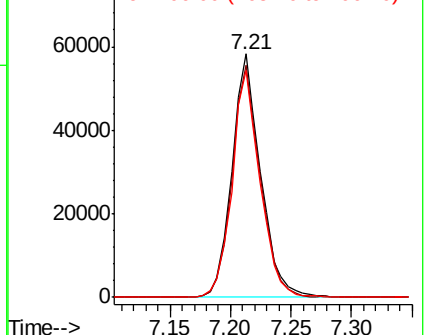
77 100

105 95.3 72.6 112.6

106 93.1 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: 43.522 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

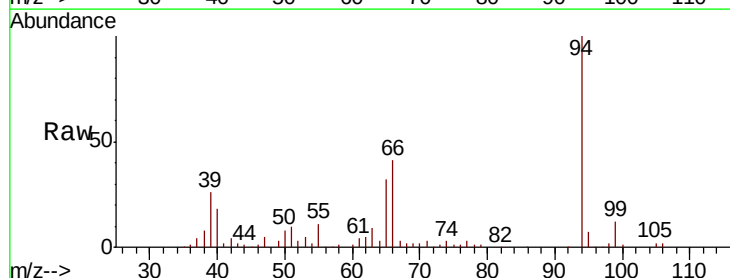
Tgt Ion: 94 Resp: 132162

Ion Ratio Lower Upper

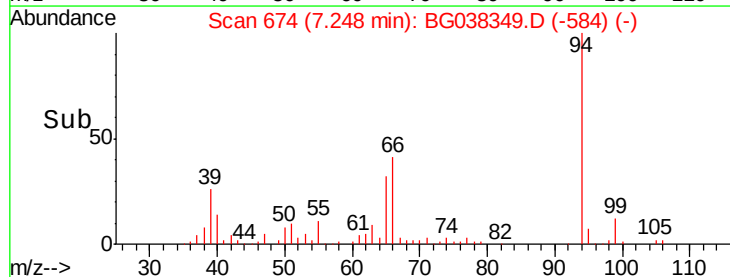
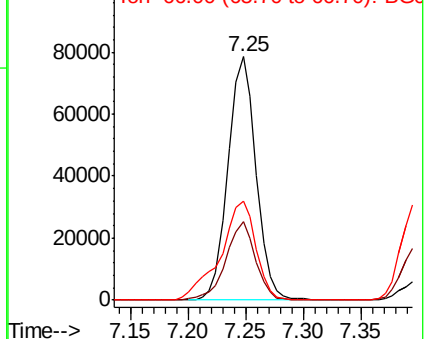
94 100

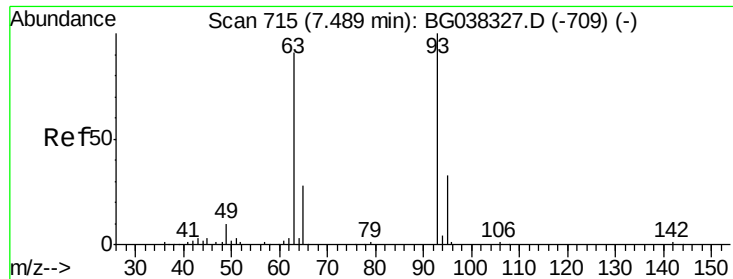
65 32.0 9.7 49.7

66 40.8 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

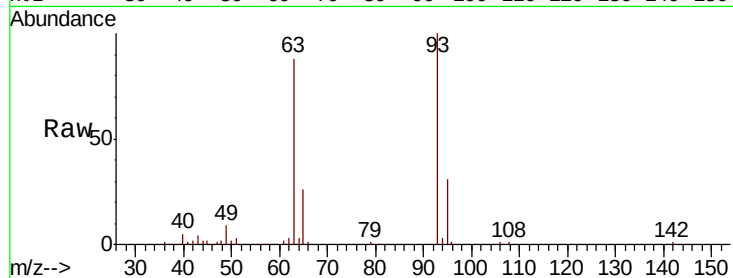




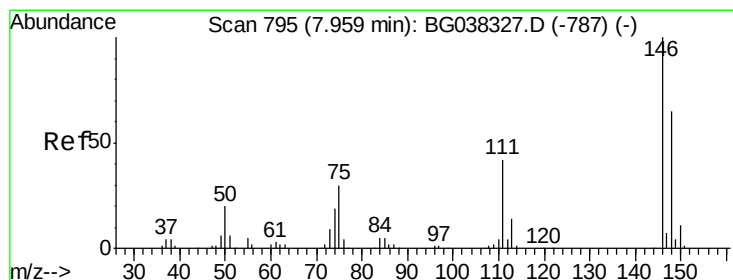
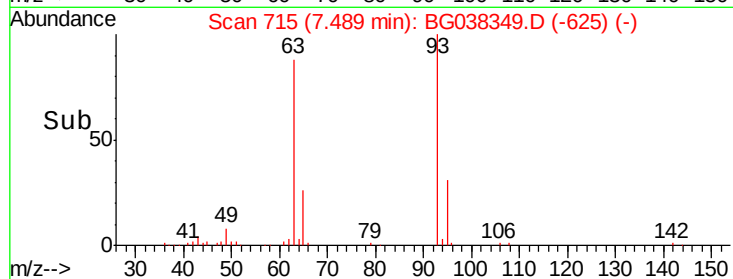
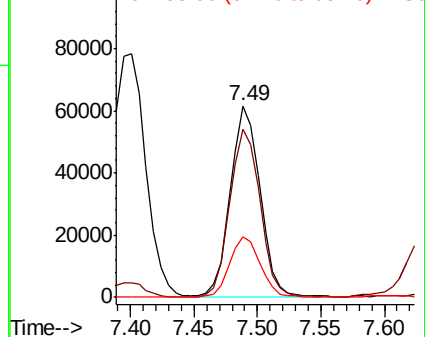
#11
bis(2-Chloroethyl)ether
Concen: 40.601 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 100974
Ion Ratio Lower Upper
93 100
63 87.7 69.5 109.5
95 31.4 12.6 52.6

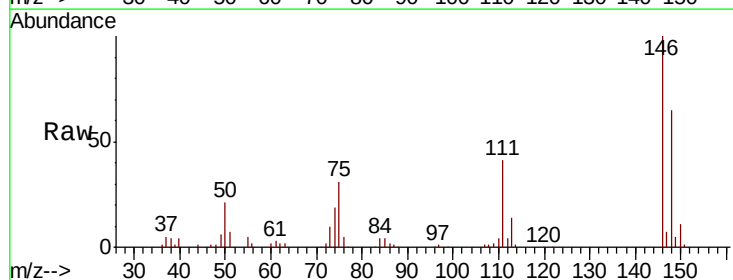


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

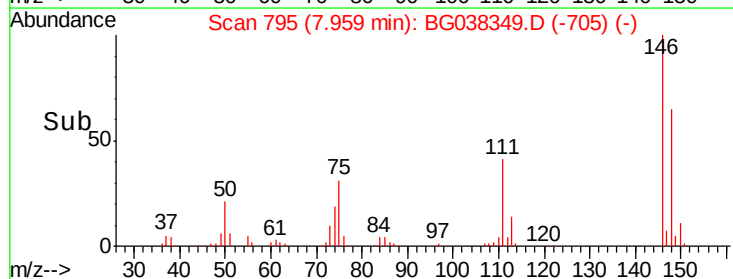
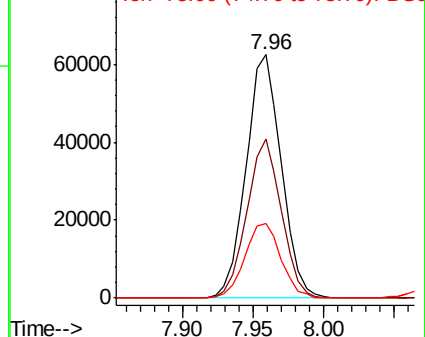


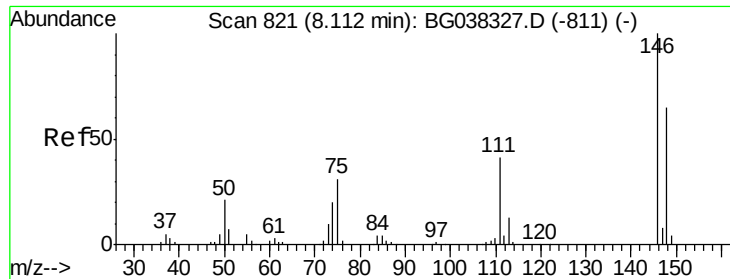
#12
1,3-Dichlorobenzene
Concen: 40.398 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion: 146 Resp: 109043
Ion Ratio Lower Upper
146 100
148 65.2 49.8 74.8
75 30.9 23.2 34.8



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

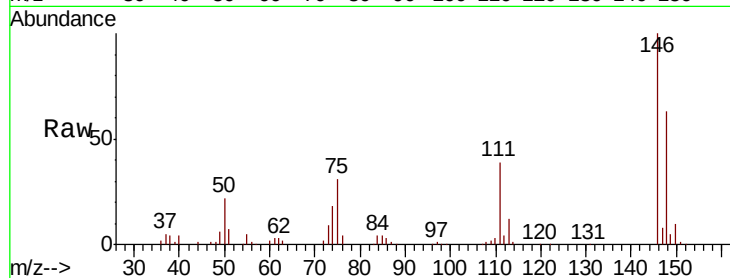




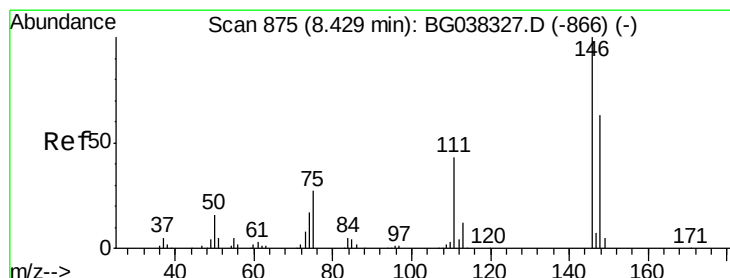
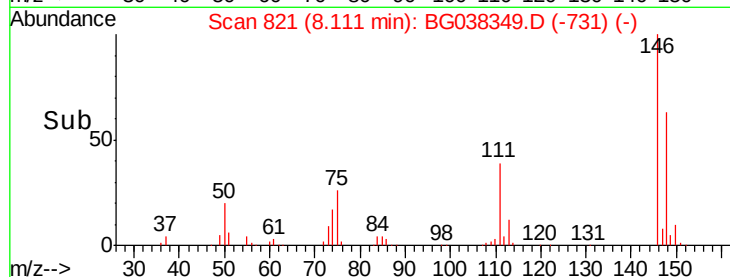
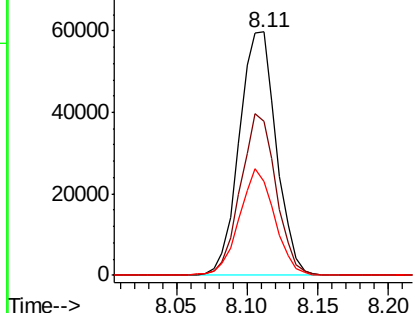
#13
 1,4-Dichlorobenzene
 Concen: 39.226 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 109550
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 38.7 32.4 48.6

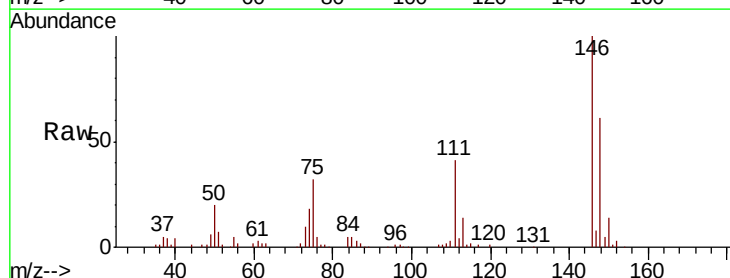


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

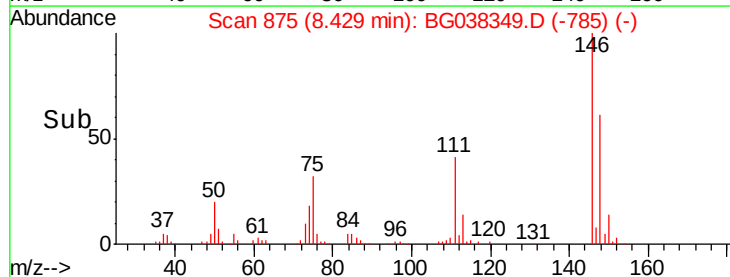
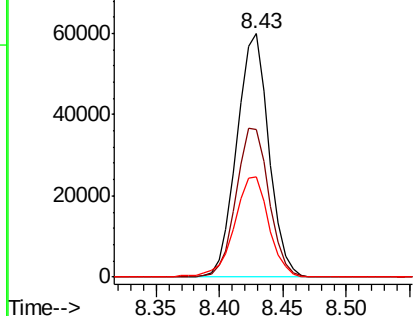


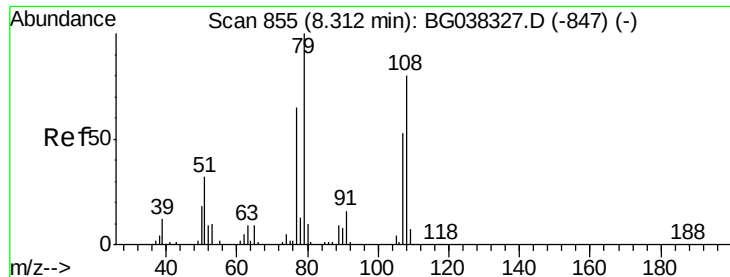
#14
 1,2-Dichlorobenzene
 Concen: 40.975 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion:146 Resp: 104868
 Ion Ratio Lower Upper
 146 100
 148 60.7 50.4 75.6
 111 41.4 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: 40.459 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

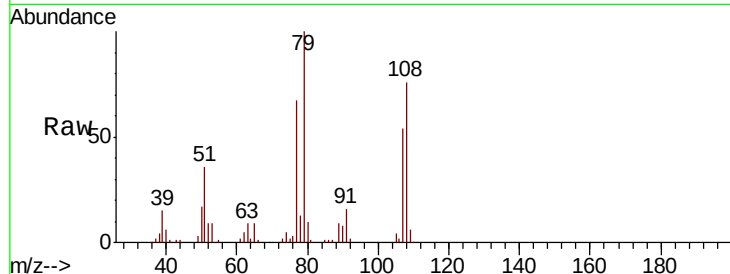
Tot Ion: 79 Resp: 95601

Ion Ratio Lower Upper

79 100

108 76.3 65.8 98.8

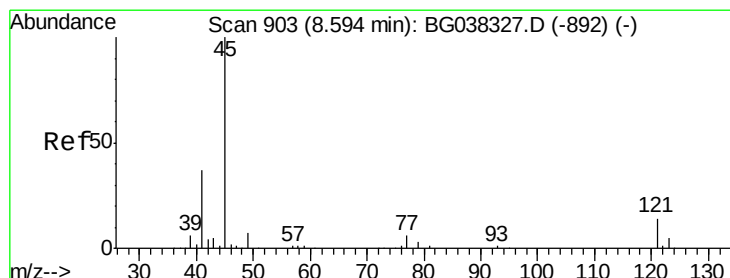
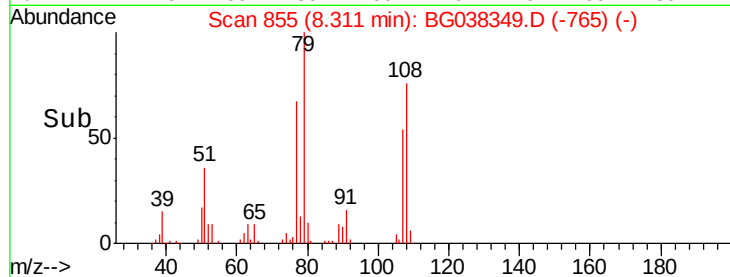
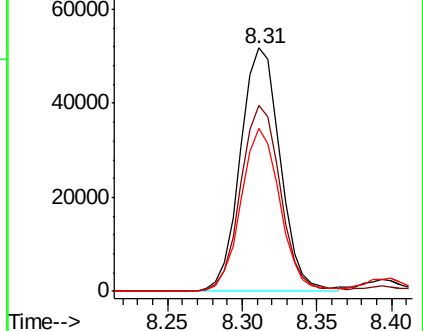
77 67.1 52.9 79.3



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: 39.274 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

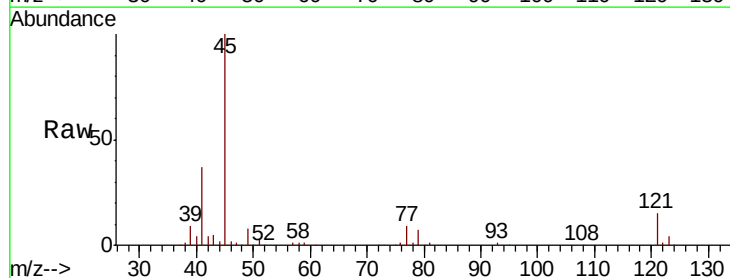
Tgt Ion: 45 Resp: 222166

Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

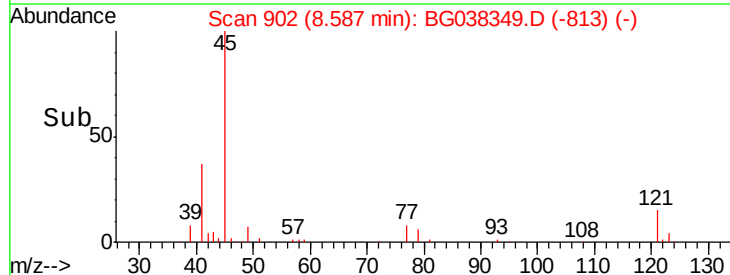
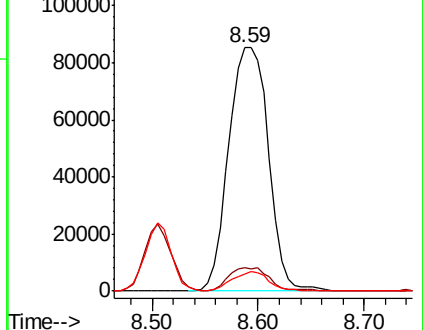
79 6.9 0.0 29.0

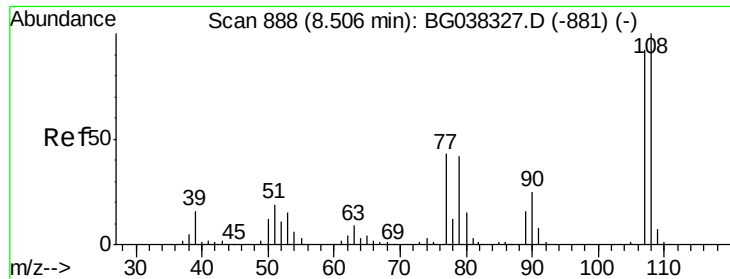


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

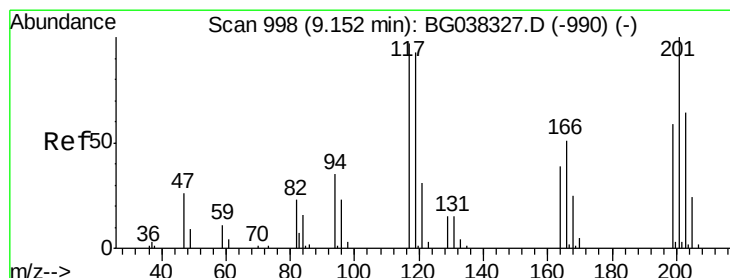
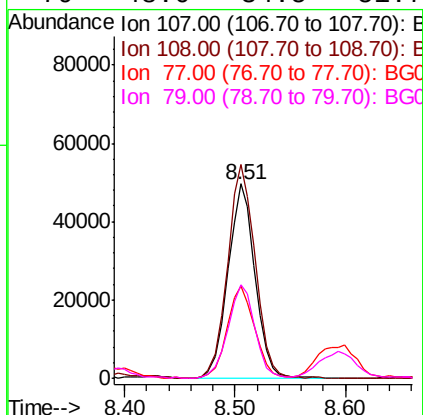
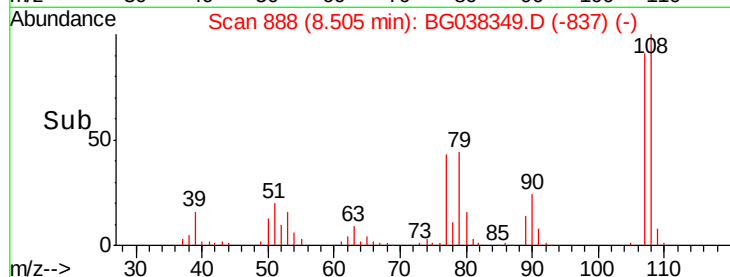
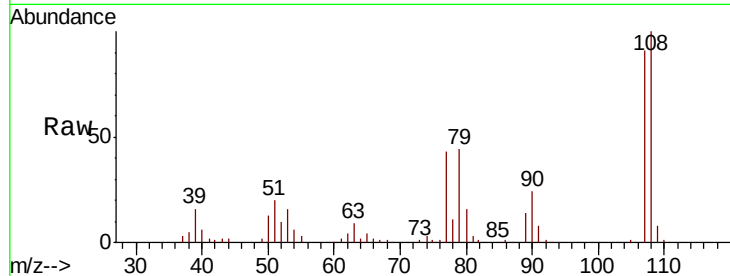




#17
2-Methylphenol
Concen: 39.832 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

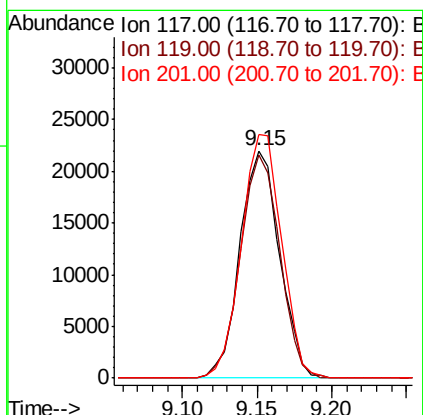
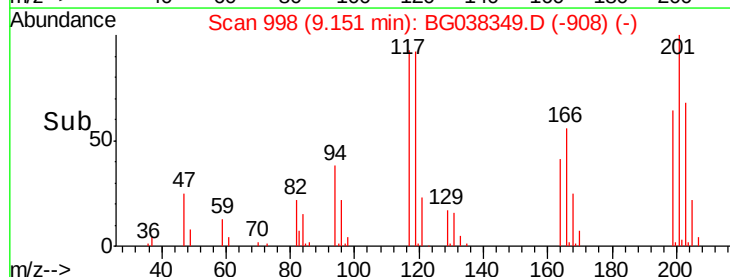
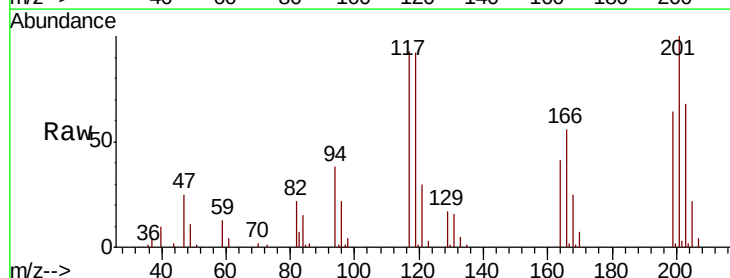
Instrument :
BNA_G
ClientSampleId :

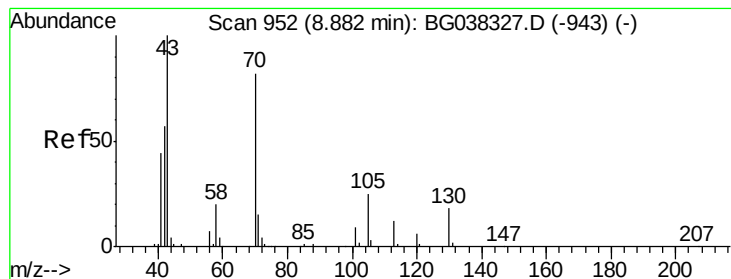
Tot Ion:107 Resp: 84744
Ion Ratio Lower Upper
107 100
108 110.1 87.9 131.9
77 47.6 35.1 52.7
79 48.0 34.5 51.7



#18
Hexachloroethane
Concen: 40.178 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:117 Resp: 40498
Ion Ratio Lower Upper
117 100
119 98.0 74.6 111.8
201 107.1 80.8 121.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.631 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 85281

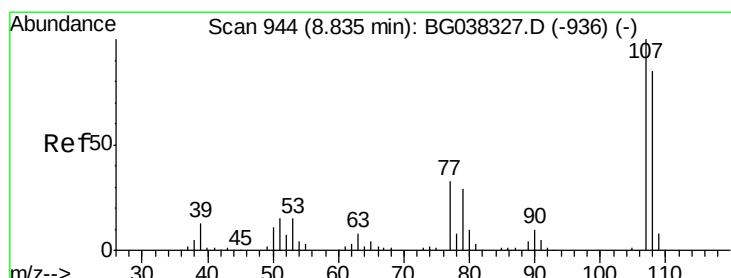
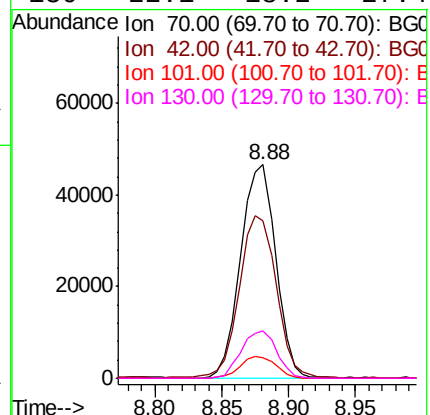
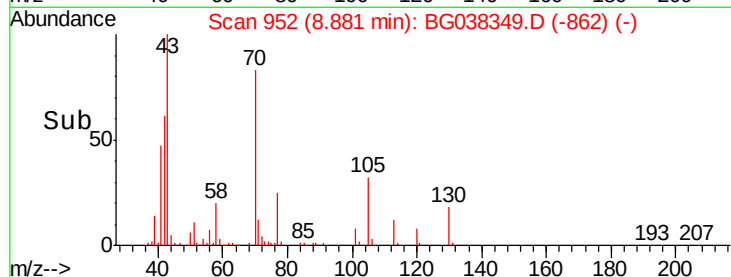
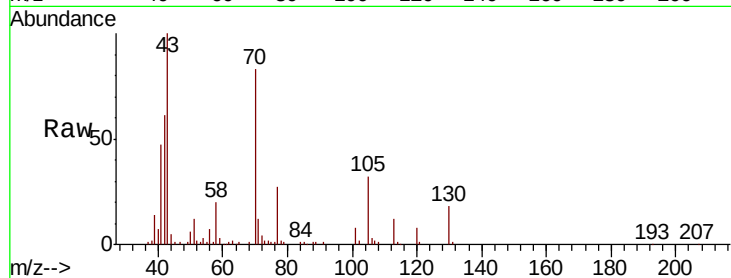
Ion Ratio Lower Upper

70 100

42 74.0 53.9 80.9

101 9.8 8.2 12.2

130 22.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 39.017 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion: 107 Resp: 119365

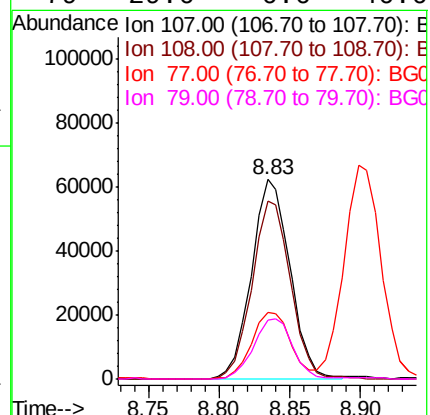
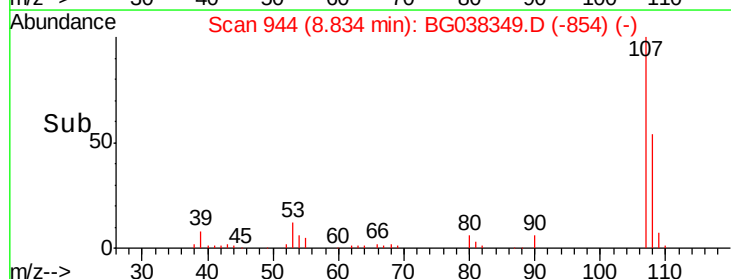
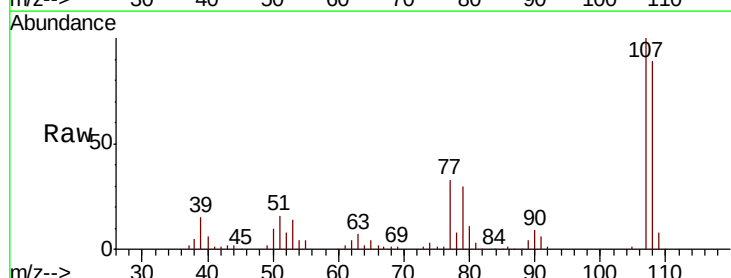
Ion Ratio Lower Upper

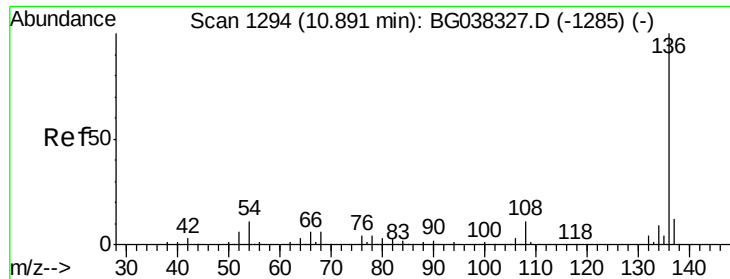
107 100

108 88.9 69.9 109.9

77 33.1 11.2 51.2

79 29.6 6.6 46.6

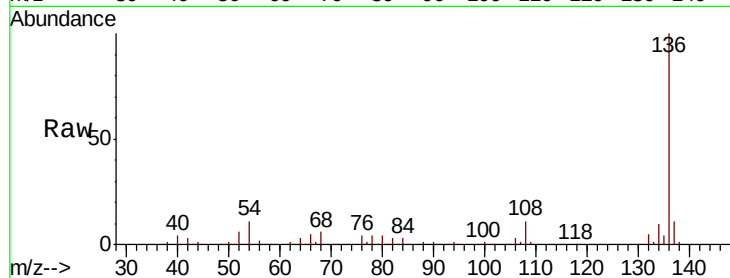




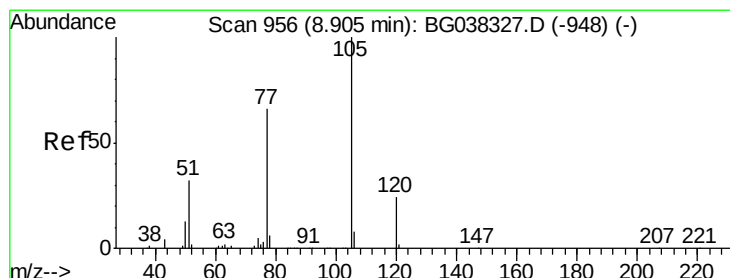
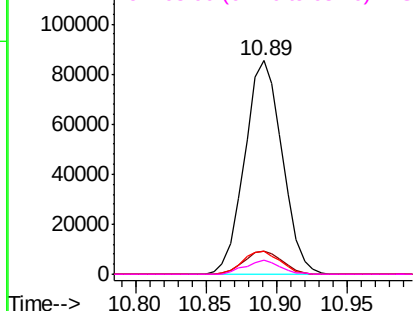
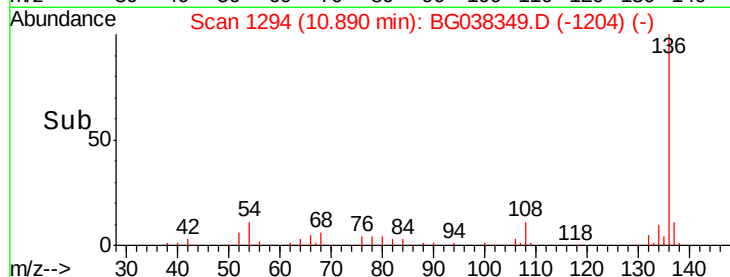
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	159137
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	11.1	7.9 11.9
68	6.3	4.8 7.2

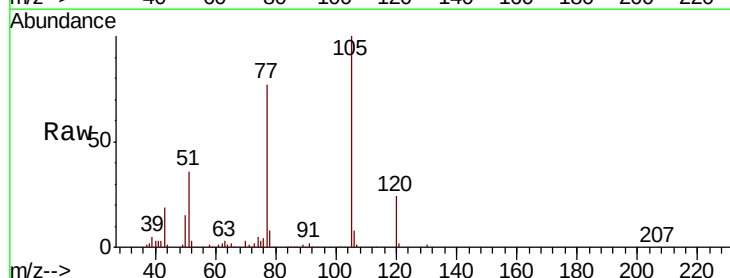


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

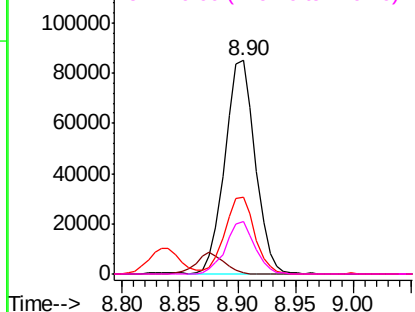
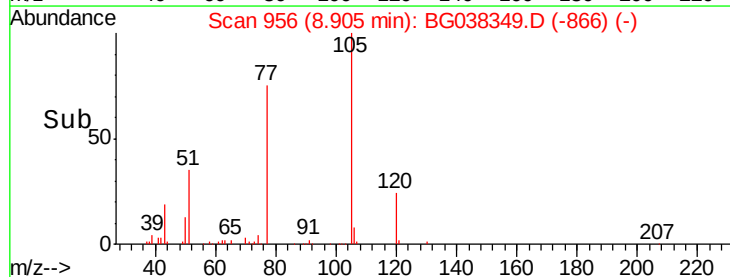


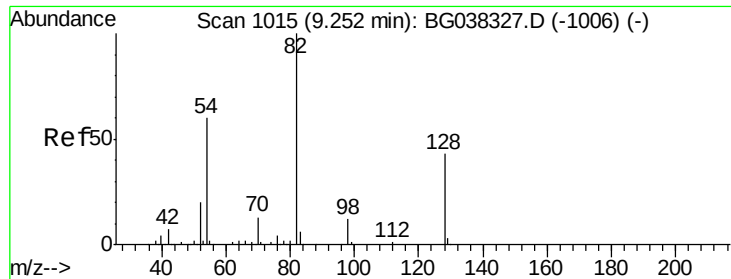
#22
Acetophenone
Concen: 40.385 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:105	Resp:	155033
Ion	Ratio	Lower Upper
105	100	
71	0.7	1.2 1.8#
51	35.8	25.0 37.6
120	24.4	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

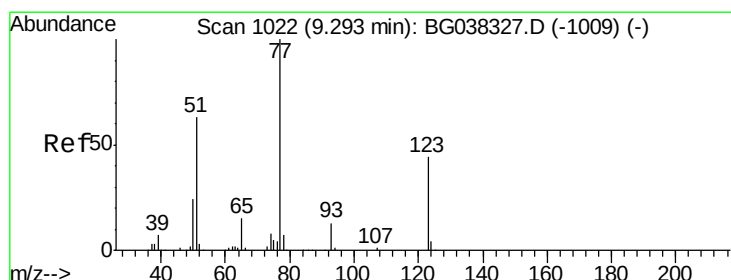
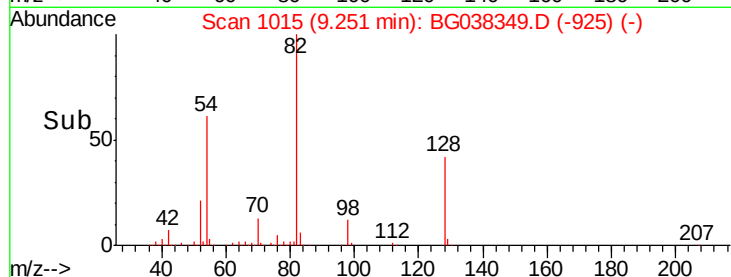
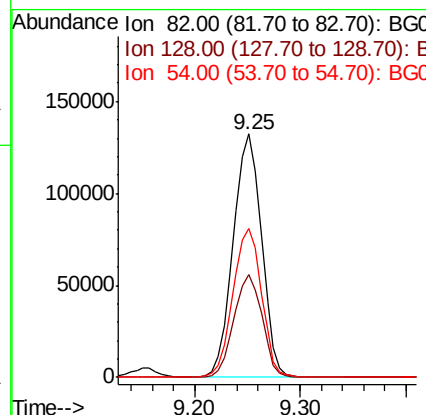
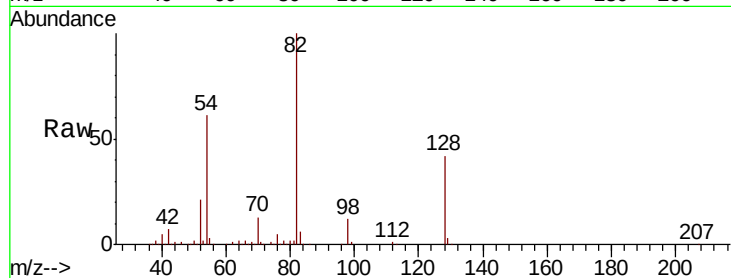




#23
 Nitrobenzene-d5
 Concen: 76.683 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

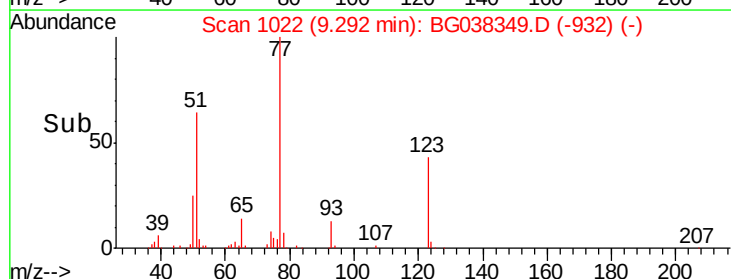
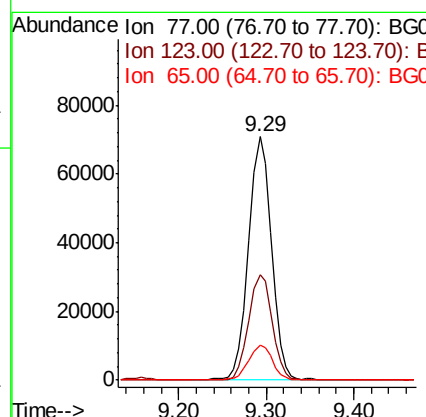
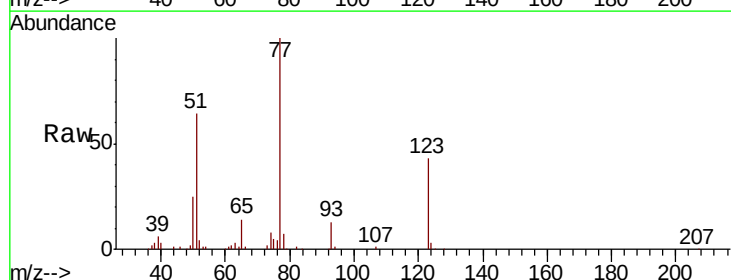
Instrument :
 BNA_G
 ClientSampleId :

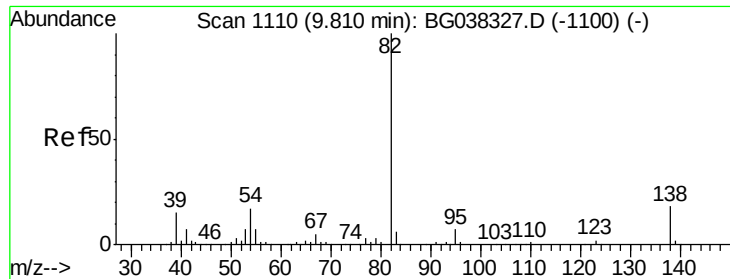
Tot Ion	82	Resp	245792
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.6	51.8
54	61.2	45.3	67.9



#24
 Nitrobenzene
 Concen: 38.366 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	77	Resp	124942
Ion Ratio	Lower	Upper	
77	100		
123	43.3	33.6	50.4
65	14.3	11.3	16.9





#25

Isophorone

Concen: 37.890 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

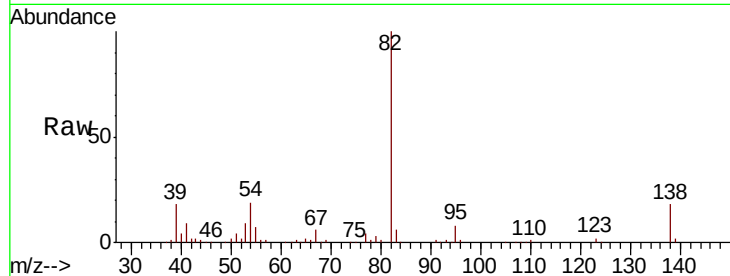
Tot Ion: 82 Resp: 213430

Ion Ratio Lower Upper

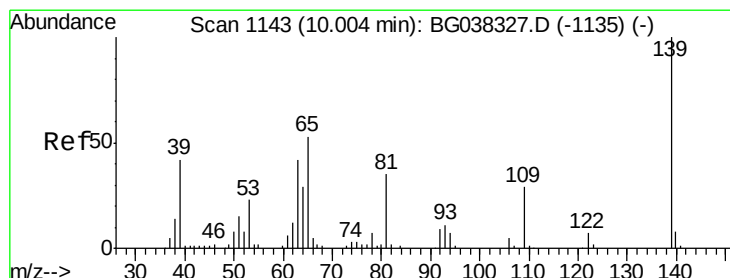
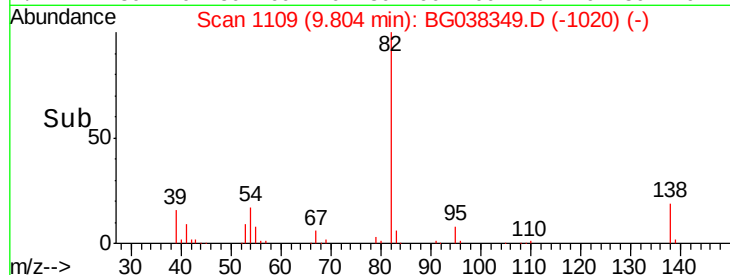
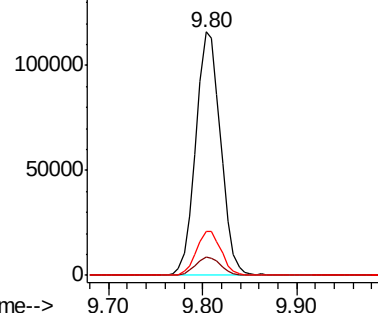
82 100

95 7.7 5.3 7.9

138 18.1 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: 41.174 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

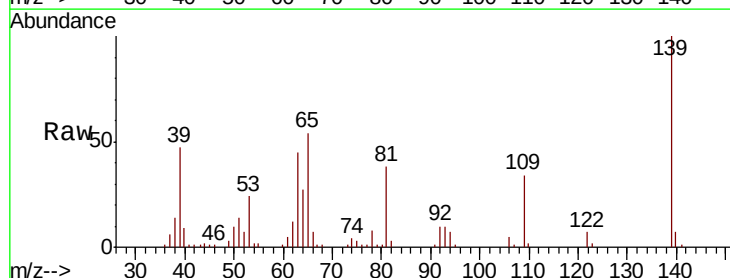
Tgt Ion: 139 Resp: 62128

Ion Ratio Lower Upper

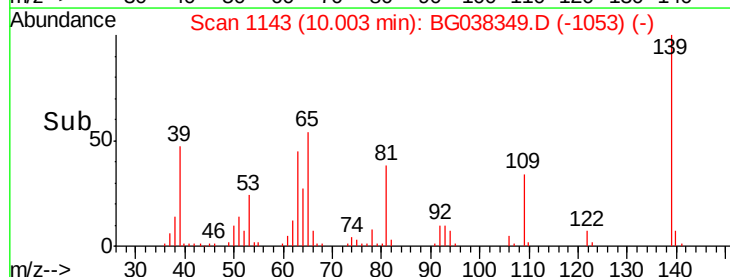
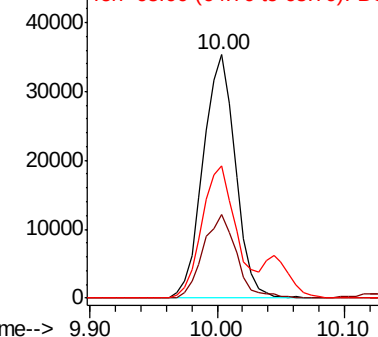
139 100

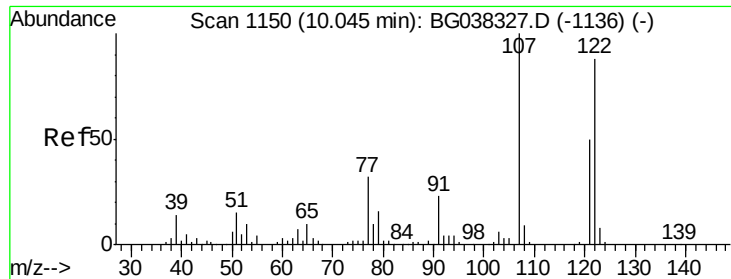
109 34.2 23.3 34.9

65 54.4 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

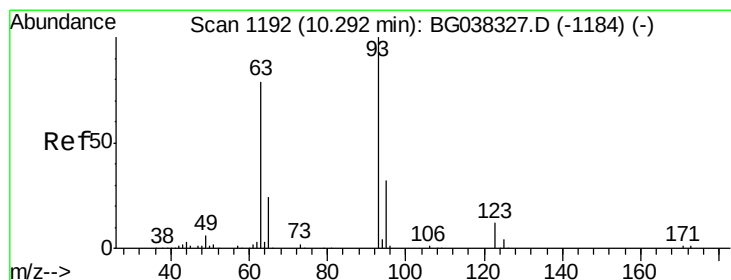
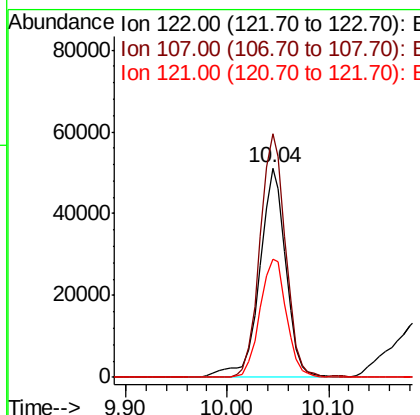
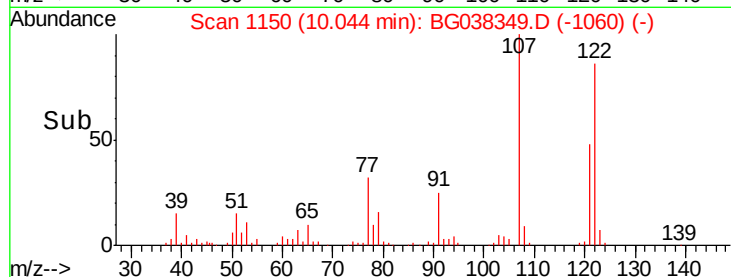
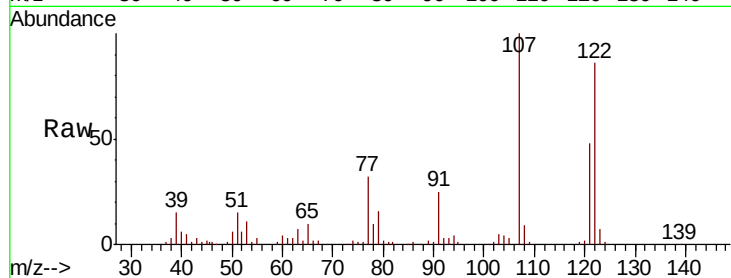




#27
2,4-Dimethylphenol
Concen: 42.254 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

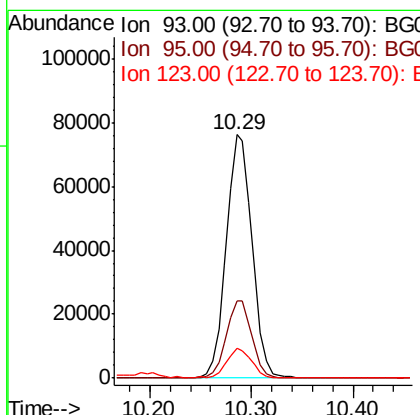
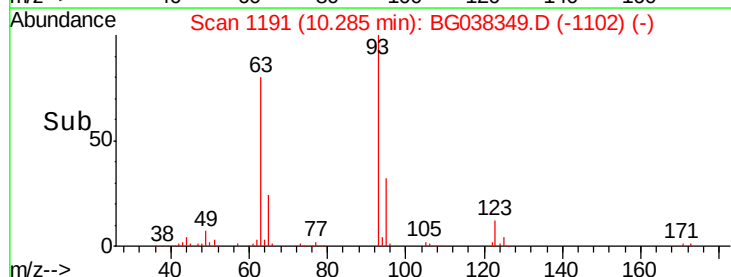
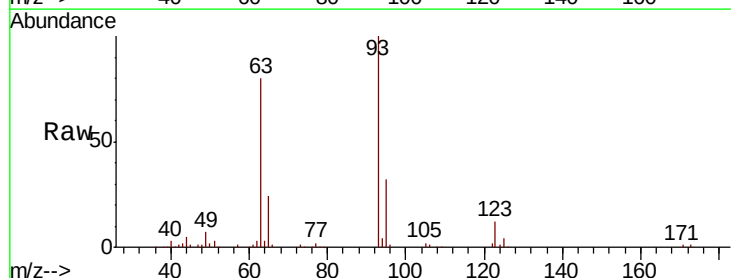
Instrument :
BNA_G
ClientSampleId :

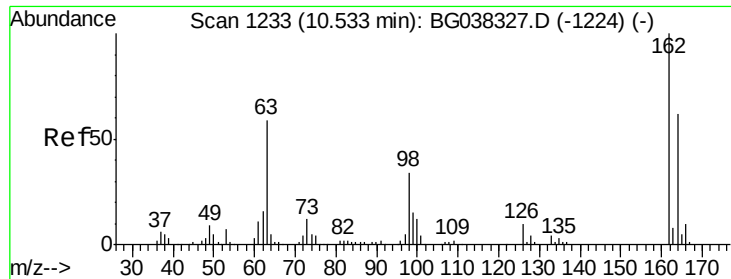
Tot Ion:122 Resp: 91577
Ion Ratio Lower Upper
122 100
107 116.4 94.2 141.2
121 56.3 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.446 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion: 93 Resp: 133838
Ion Ratio Lower Upper
93 100
95 31.8 24.6 37.0
123 12.1 9.1 13.7

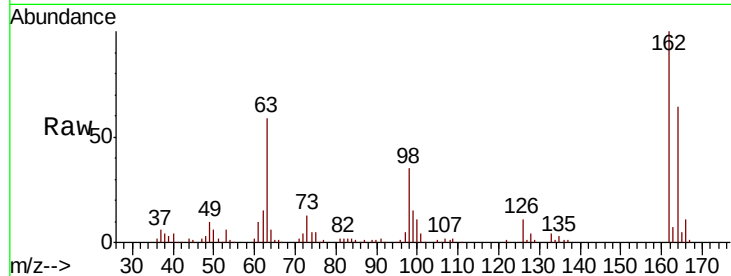




#29
 2,4-Dichlorophenol
 Concen: 41.937 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.2	83.2
98	34.6	16.0	56.0

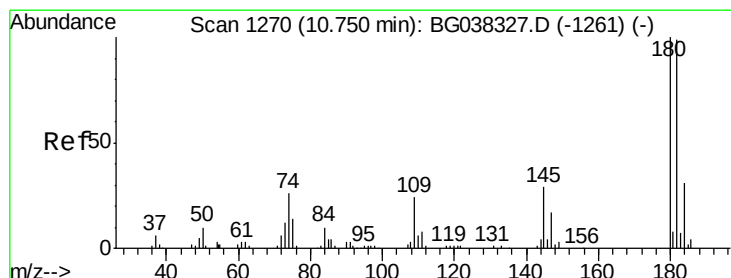
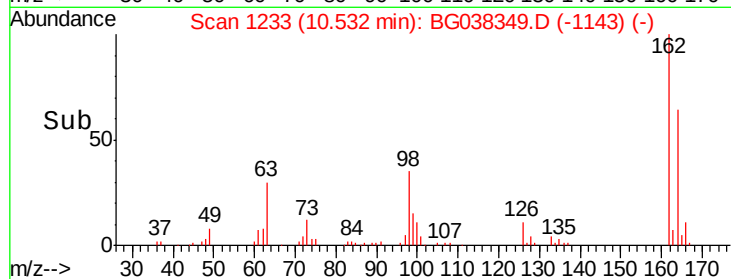
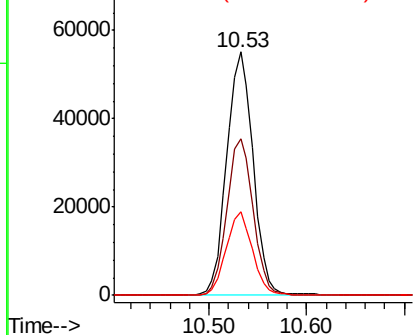


Abundance

Ion 162.00 (161.70 to 162.70): E

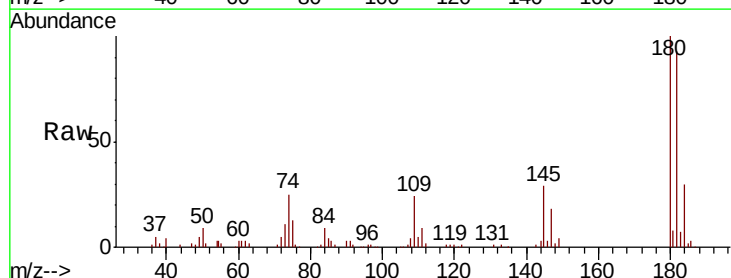
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 39.681 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.7	116.5
145	29.5	23.3	34.9

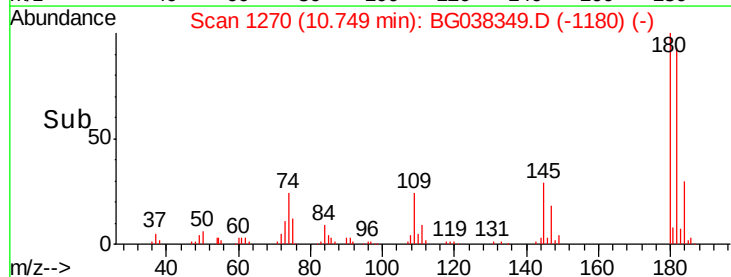
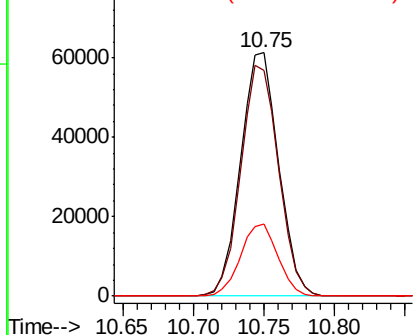


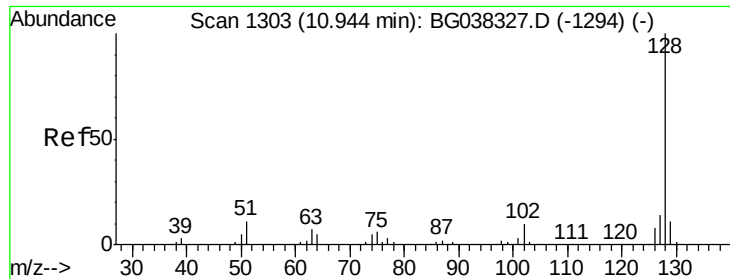
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

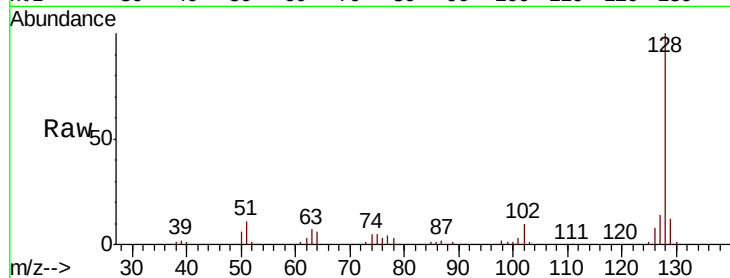




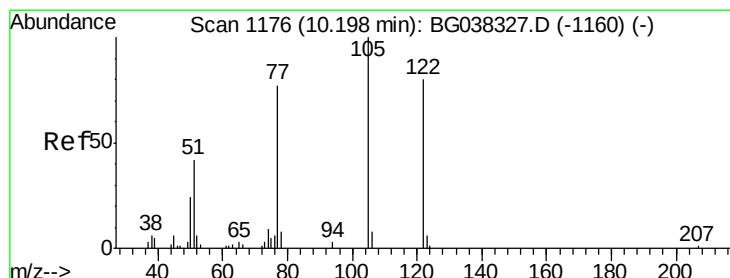
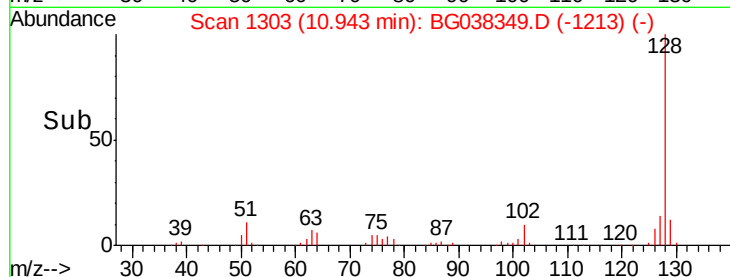
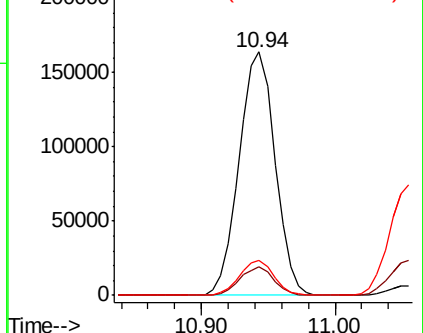
#31
Naphthalene
Concen: 40.169 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 305348
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 14.2 11.1 16.7

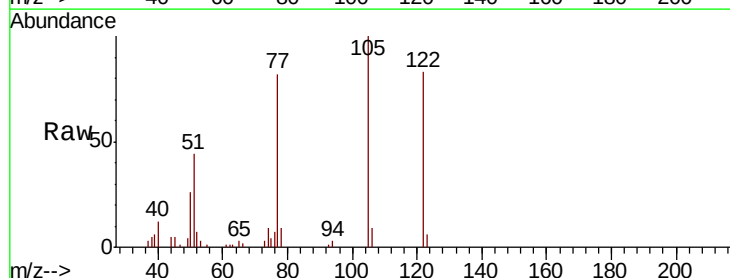


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

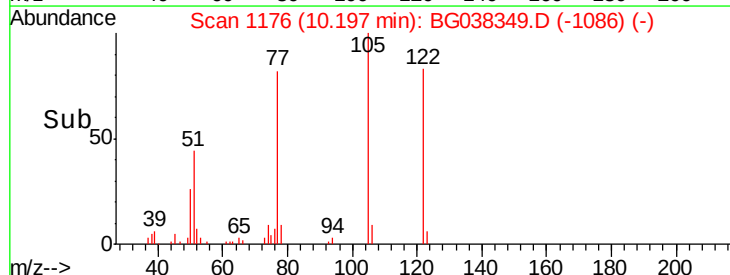
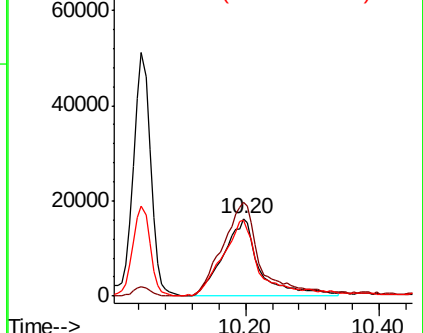


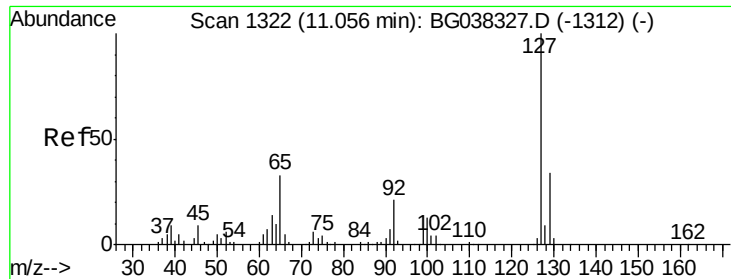
#32
Benzoic acid
Concen: 41.142 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:122 Resp: 62141
Ion Ratio Lower Upper
122 100
105 120.5 106.7 146.7
77 98.4 72.2 112.2



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

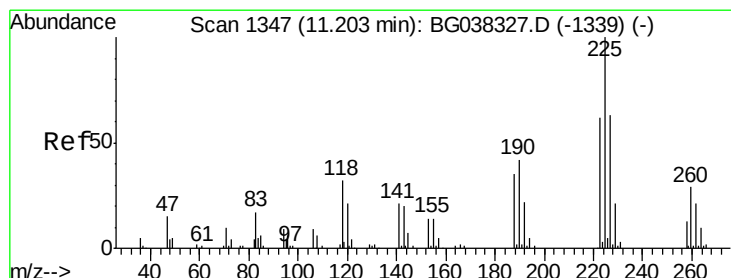
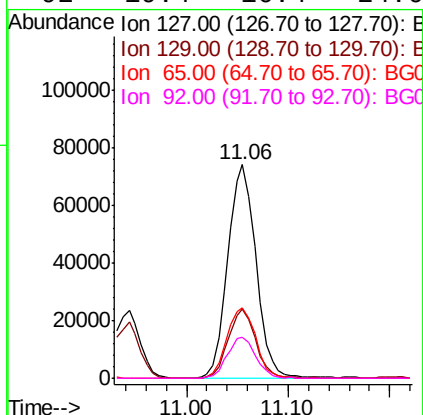
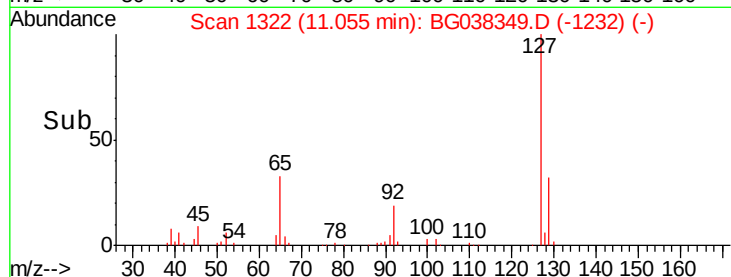
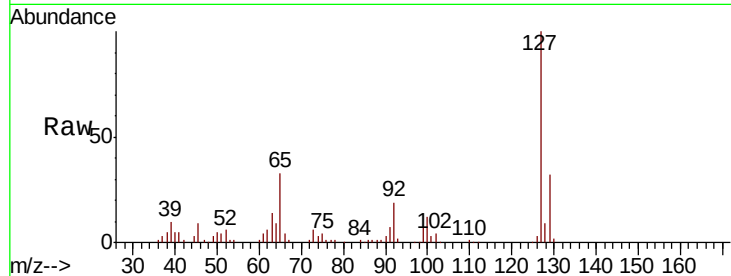




#33
4-Chloroaniline
Concen: 42.557 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

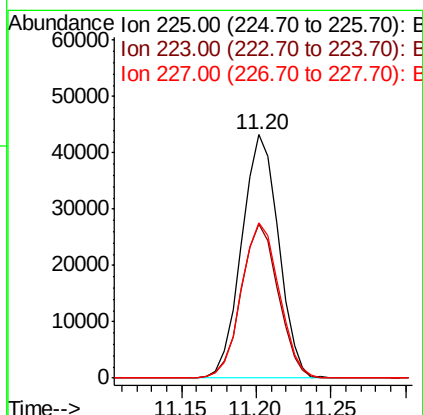
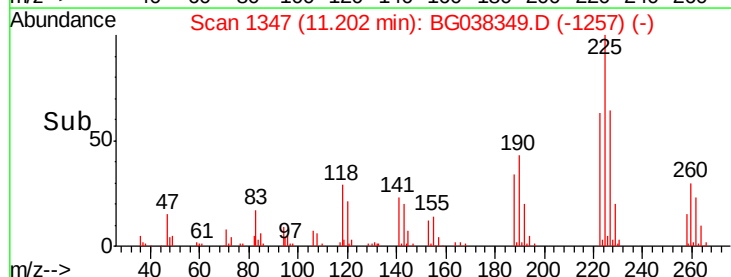
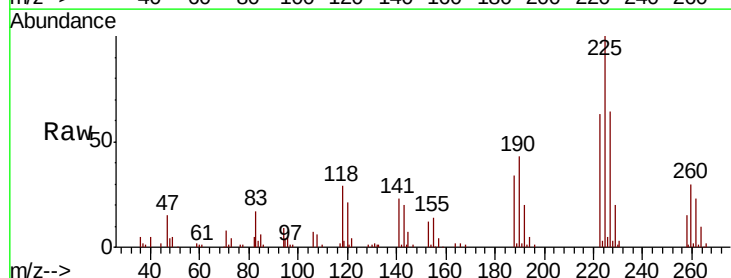
Instrument :
BNA_G
ClientSampleId :

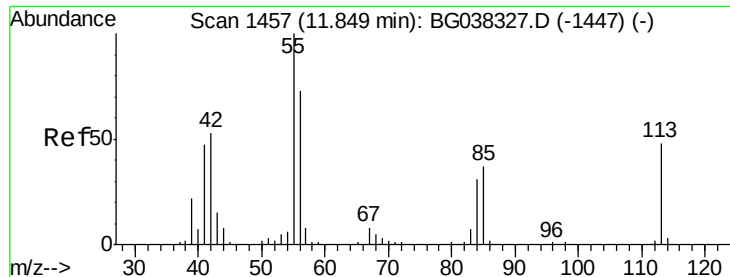
Tot Ion:	127	Resp:	143209
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	33.2	26.6	39.8
92	19.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.626 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:	225	Resp:	73813
Ion	Ratio	Lower	Upper
225	100		
223	59.9	48.2	72.4
227	63.0	51.6	77.4





#35

Caprolactam

Concen: 41.453 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

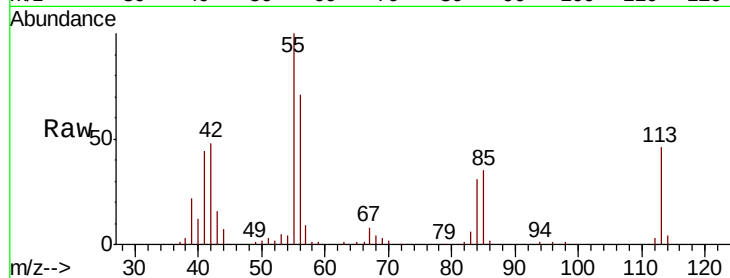
Tot Ion:113 Resp: 42410

Ion Ratio Lower Upper

113 100

55 216.6 176.6 216.6#

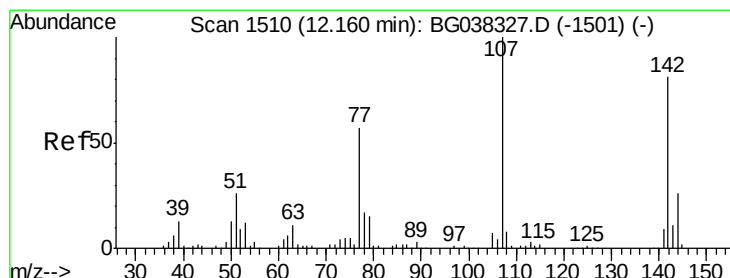
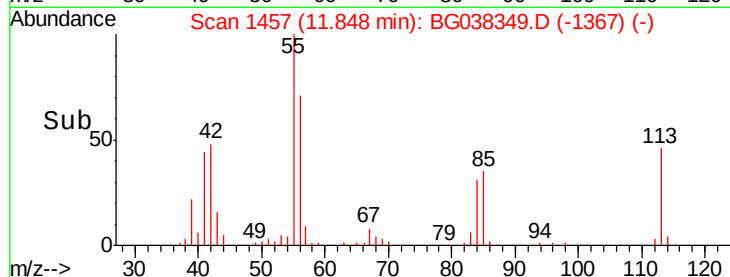
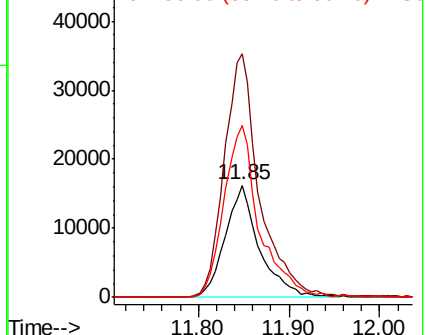
56 153.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038327.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BG038327.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.893 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

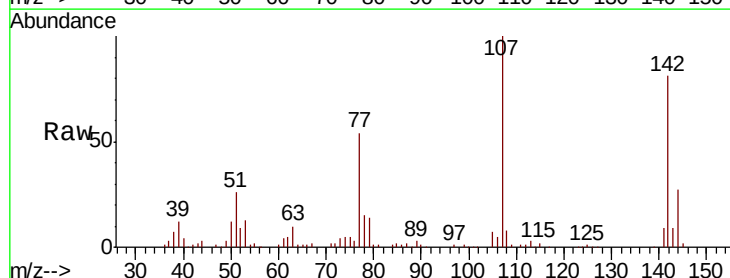
Tgt Ion:107 Resp: 126151

Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

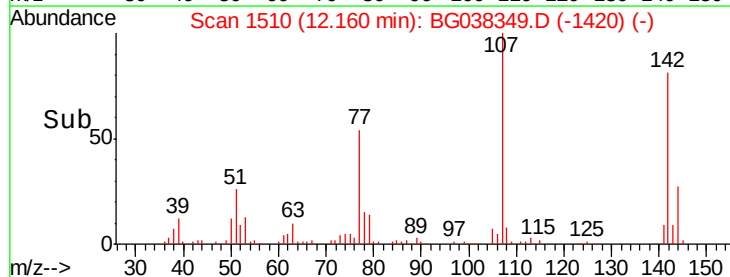
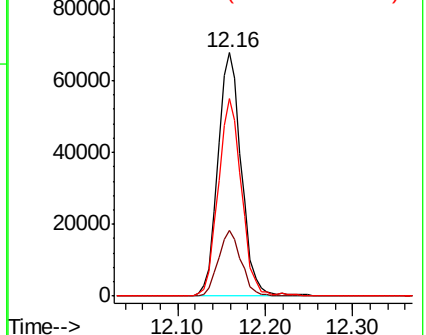
142 80.9 64.4 96.6

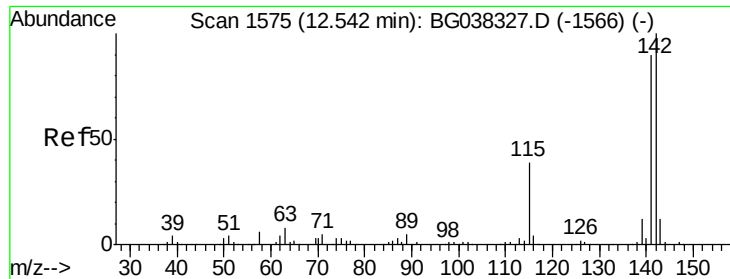


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

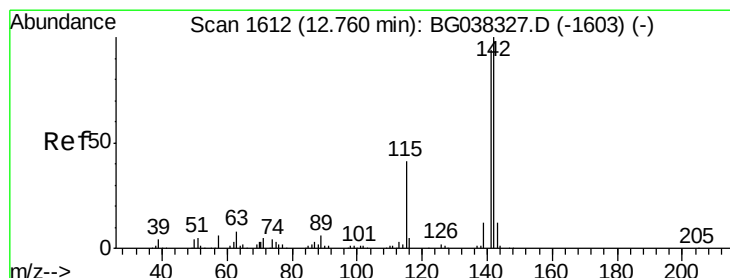
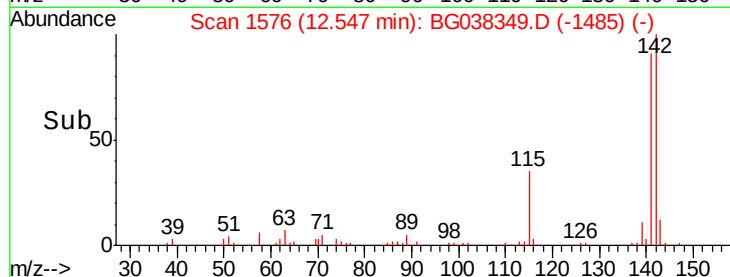
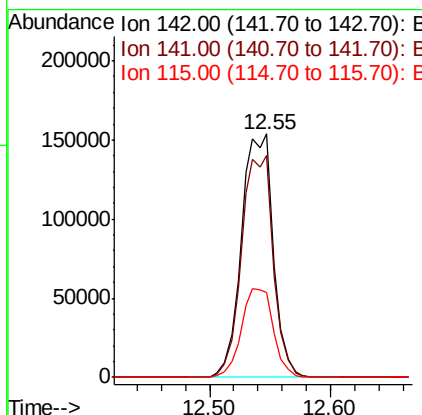
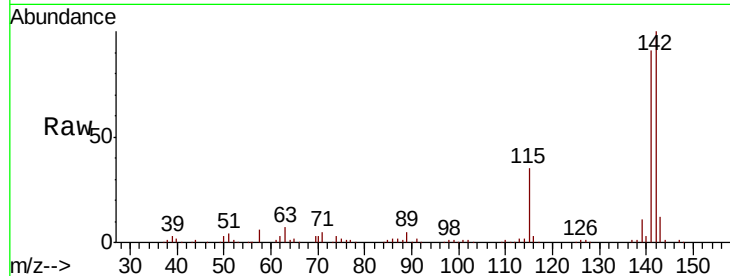




#37
 2-Methylnaphthalene
 Concen: 51.902 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

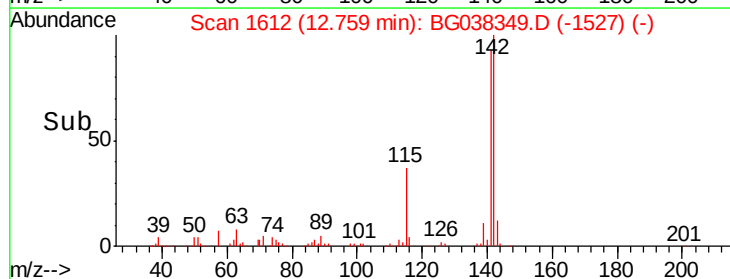
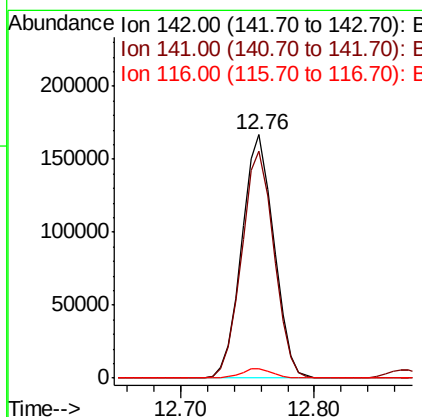
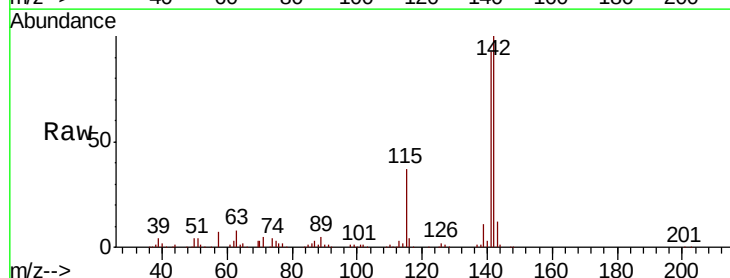
Instrument :
 BNA_G
 ClientSampleId :

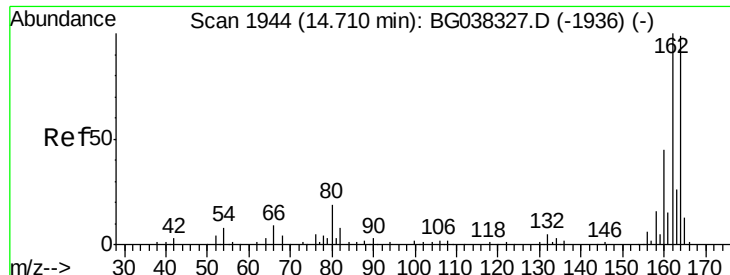
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	34.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 53.446 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

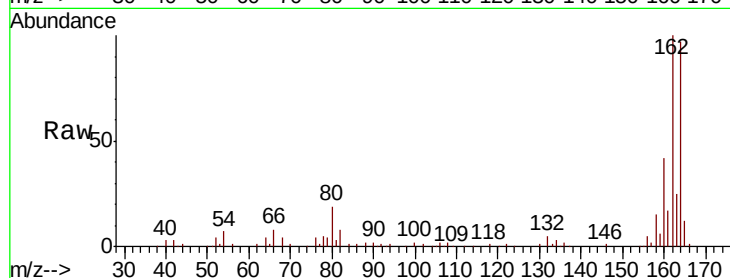
Tot Ion:164 Resp: 102845

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

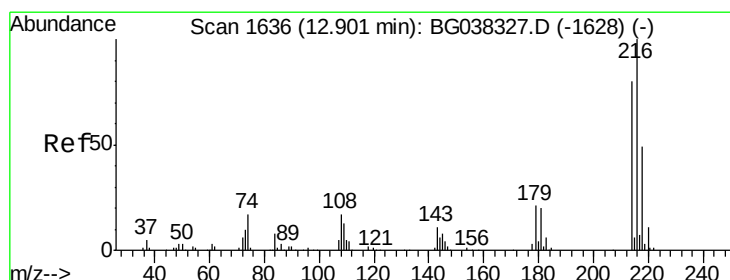
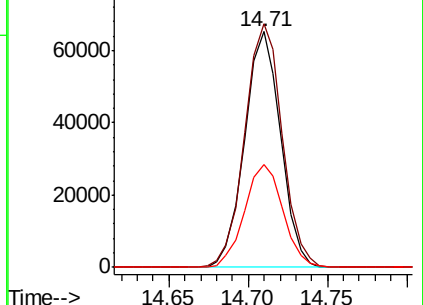
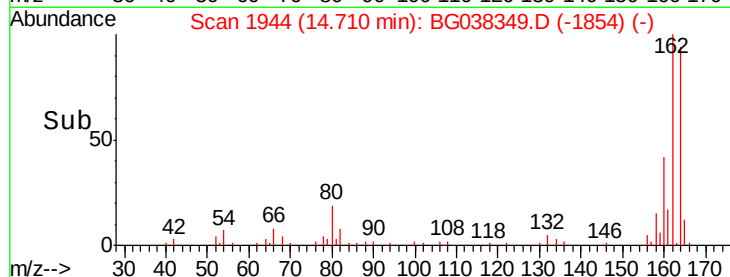
160 43.7 36.3 54.5



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: 40.037 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:216 Resp: 141685

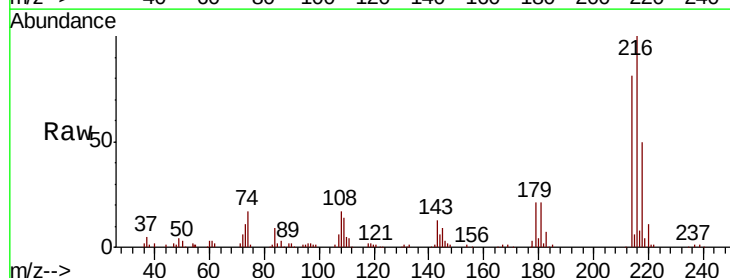
Ion Ratio Lower Upper

216 100

214 80.9 63.8 95.6

179 20.6 17.4 26.0

108 18.1 13.9 20.9

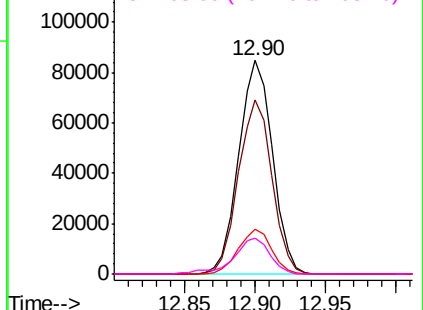
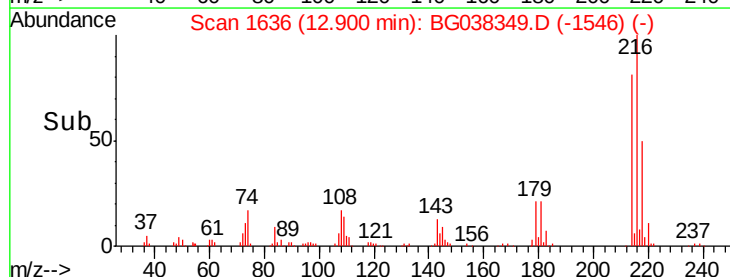


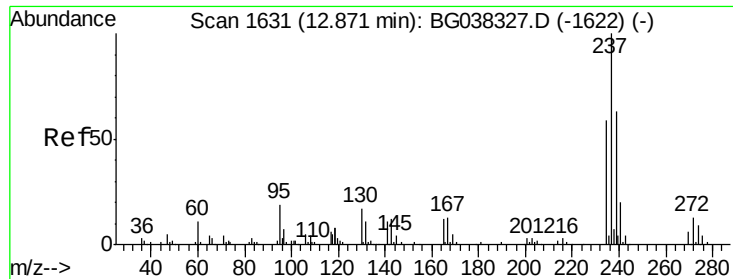
Abundance Ion 216.00 (215.70 to 216.70): E

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

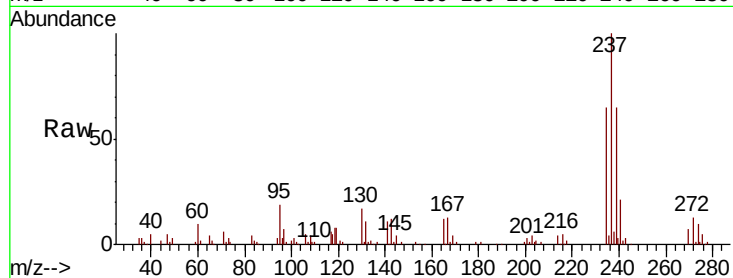




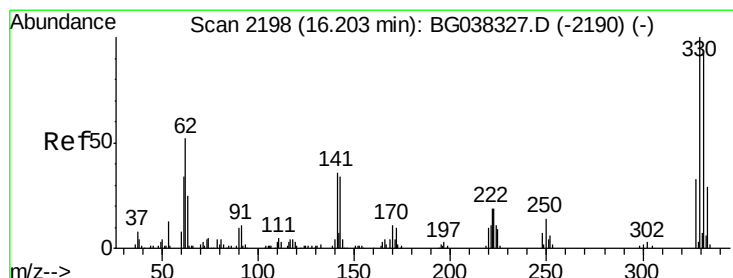
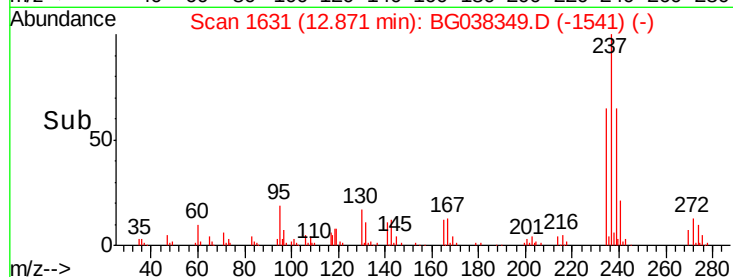
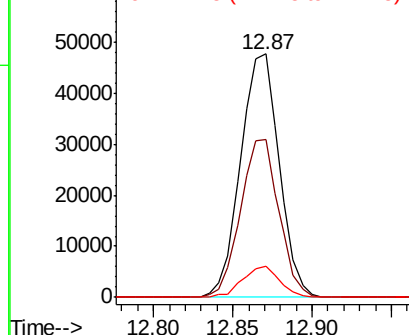
#41
Hexachlorocyclopentadiene
Concen: 41.378 ng
RT: 12.87 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 80470
Ion Ratio Lower Upper
237 100
235 65.0 42.5 82.5
272 12.9 0.0 31.6

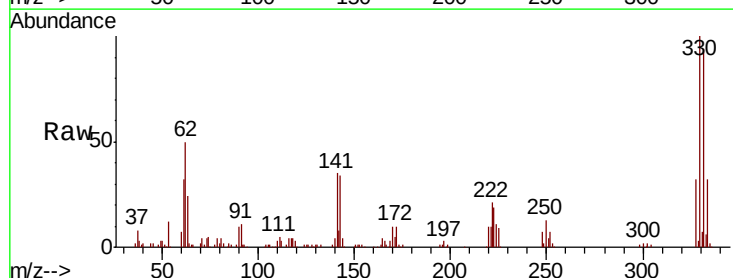


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

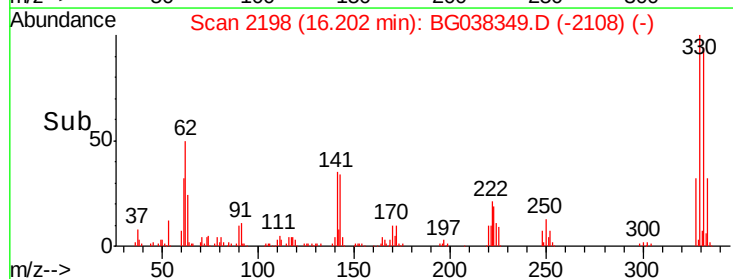
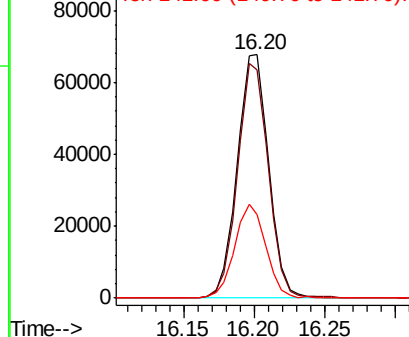


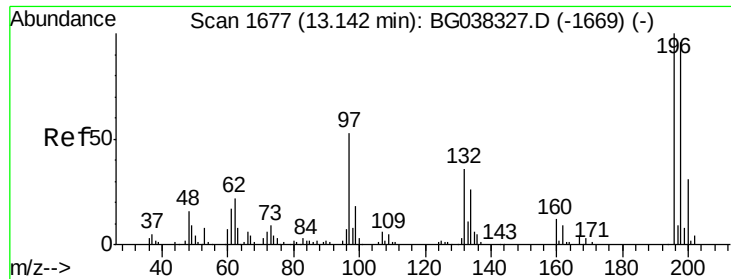
#42
2,4,6-Tribromophenol
Concen: 83.442 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:330 Resp: 105349
Ion Ratio Lower Upper
330 100
332 94.4 78.4 117.6
141 38.1 32.2 48.2



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

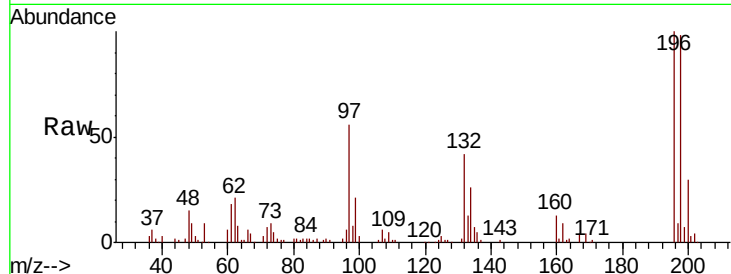




#43
 2,4,6-Trichlorophenol
 Concen: 39.860 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	91376
Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.4	114.6
200	30.5	24.9	37.3

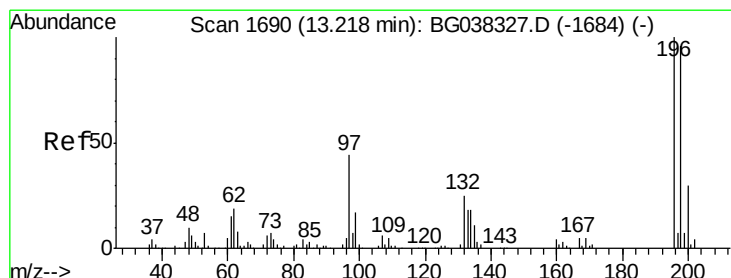
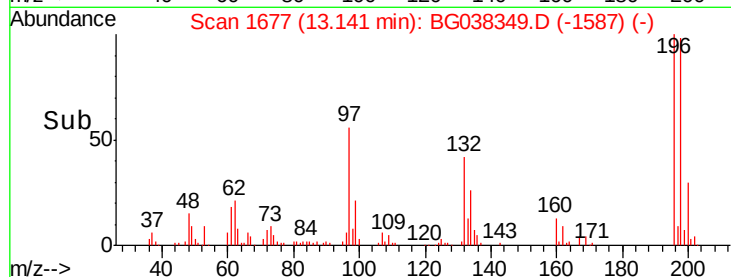
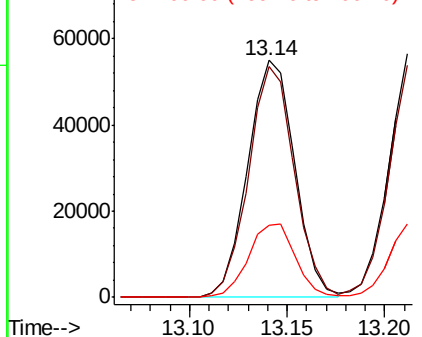


Abundance

Ion 196.00 (195.70 to 196.70): E

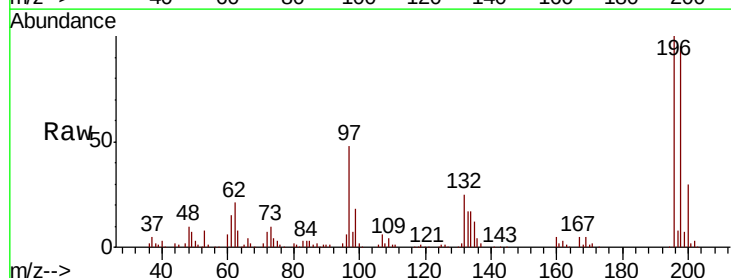
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.275 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	196	Resp	97811
Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.2	111.2
97	48.4	34.1	51.1
132	24.5	20.2	30.4



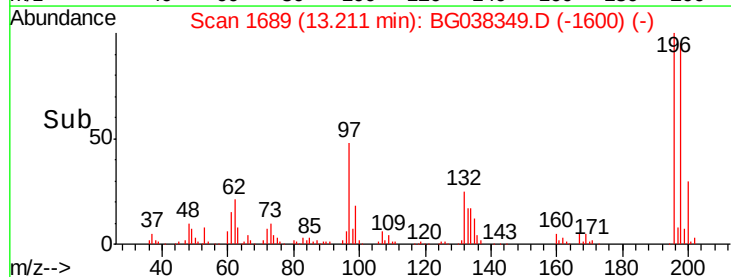
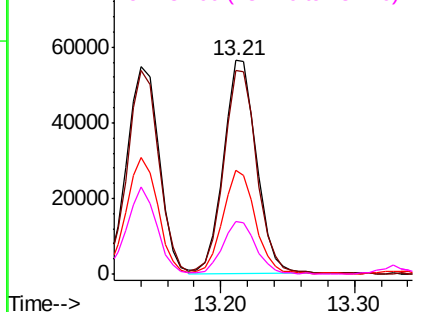
Abundance

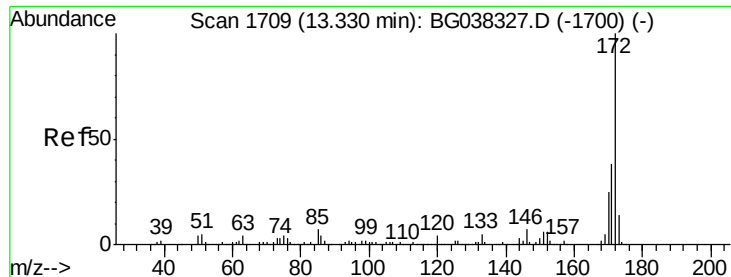
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

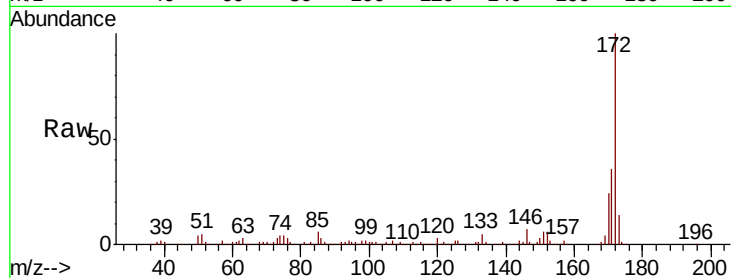




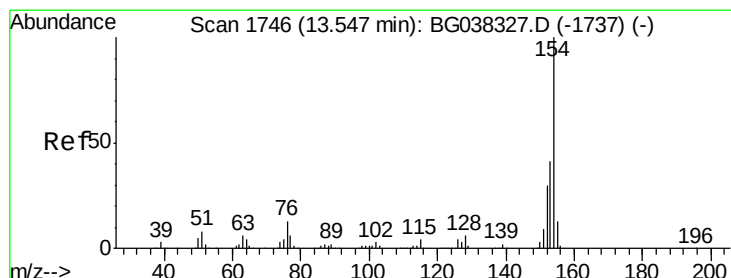
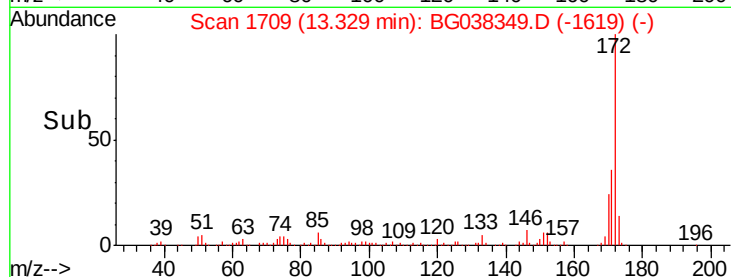
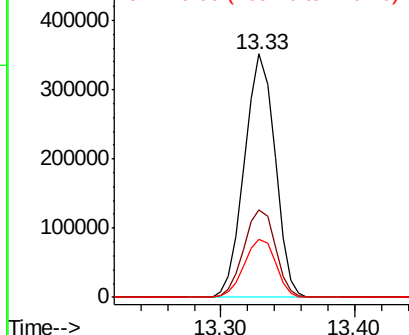
#45
2-Fluorobiphenyl
Concen: 77.265 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 557671
Ion Ratio Lower Upper
172 100
171 36.1 31.0 46.4
170 23.8 20.2 30.2

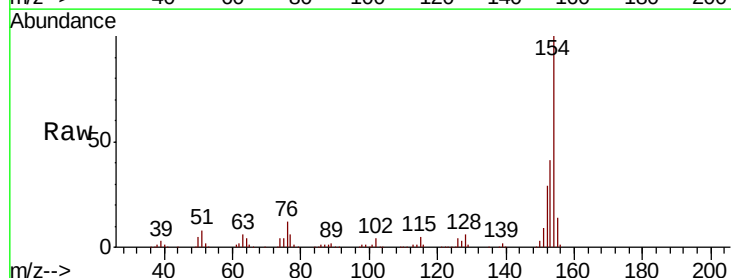


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

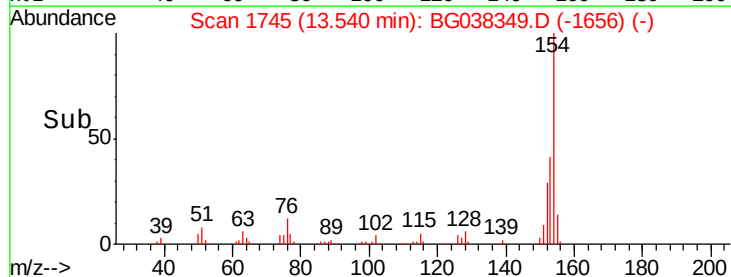
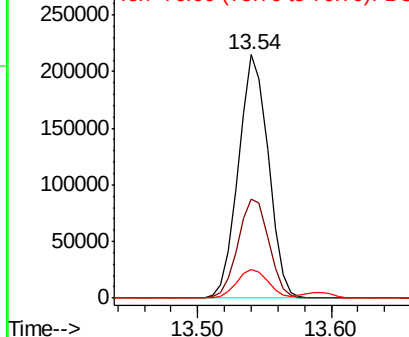


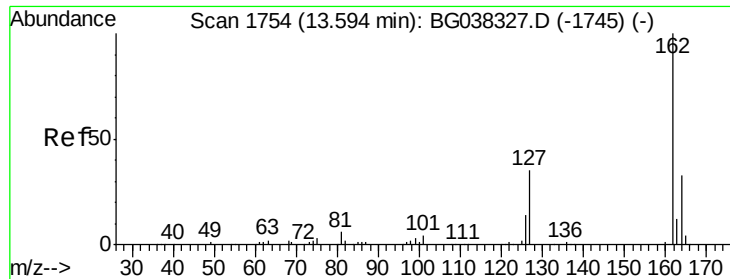
#46
1,1'-Biphenyl
Concen: 38.224 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:154 Resp: 332299
Ion Ratio Lower Upper
154 100
153 40.8 22.1 62.1
76 11.7 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

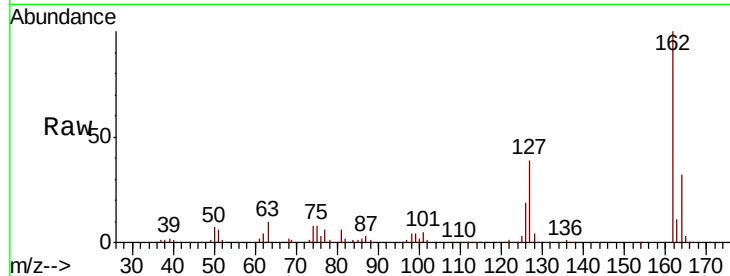




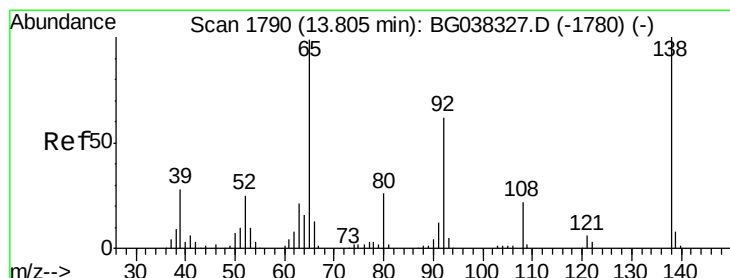
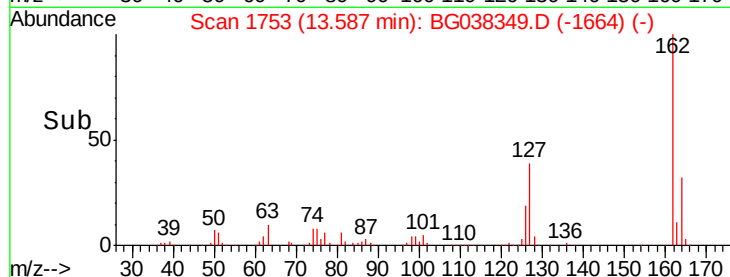
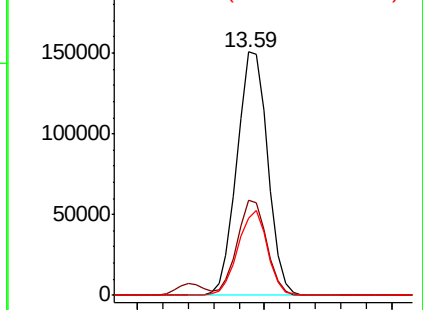
#47
 2-Chloronaphthalene
 Concen: 38.590 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.5	45.7
164	31.8	26.4	39.6

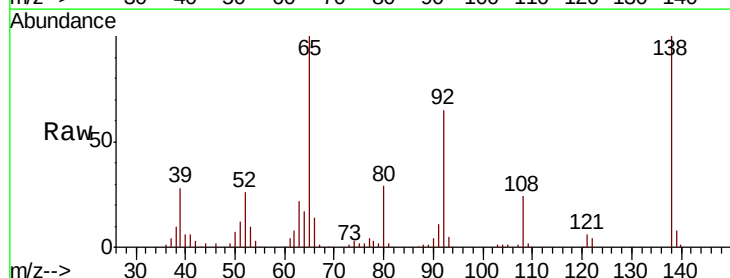


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

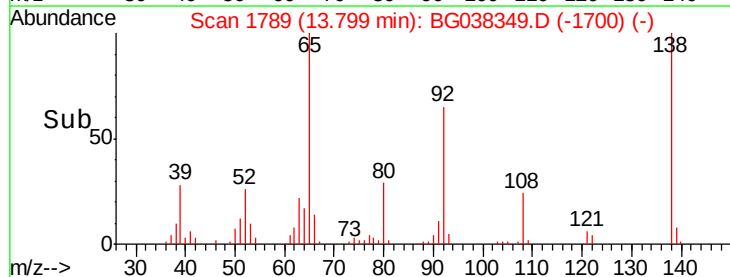
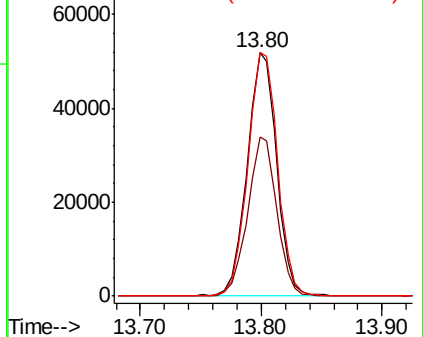


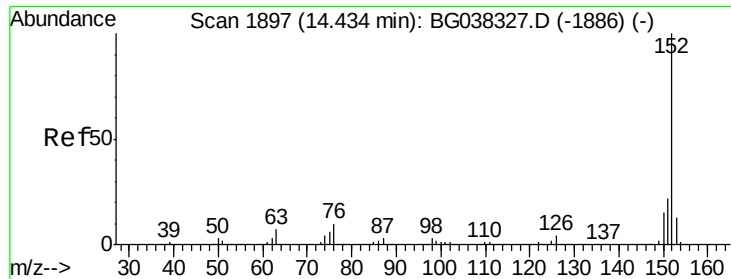
#48
 2-Nitroaniline
 Concen: 40.150 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.2	79.8
138	99.8	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: 39.522 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

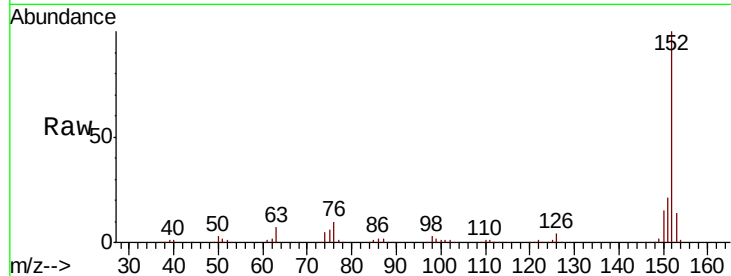
Tot Ion:152 Resp: 390474

Ion Ratio Lower Upper

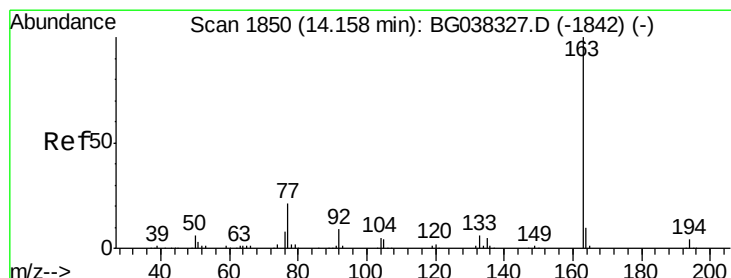
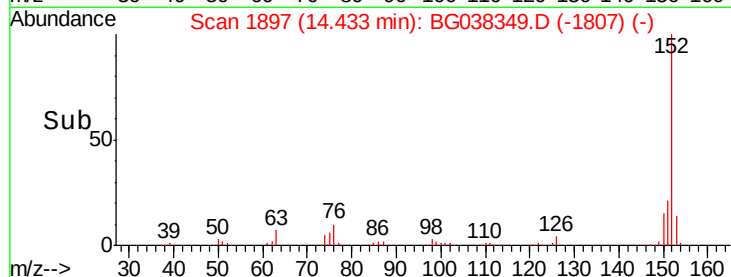
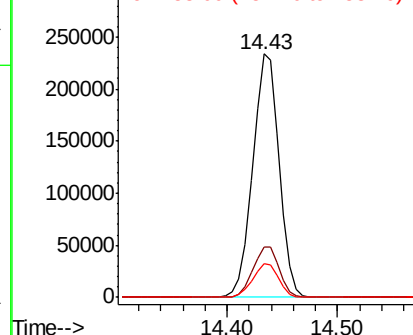
152 100

151 20.8 17.1 25.7

153 13.7 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: 39.433 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

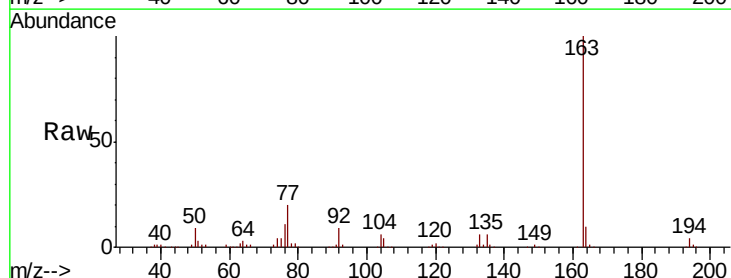
Tgt Ion:163 Resp: 325288

Ion Ratio Lower Upper

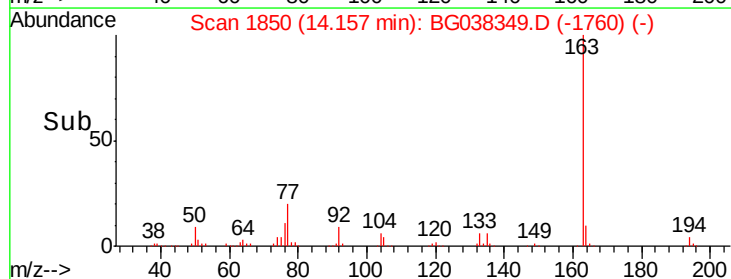
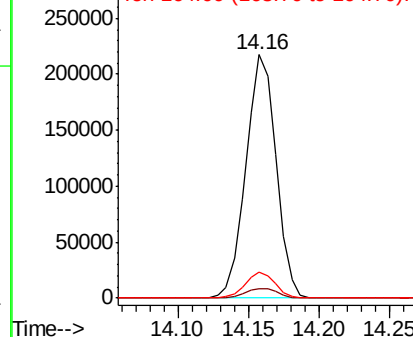
163 100

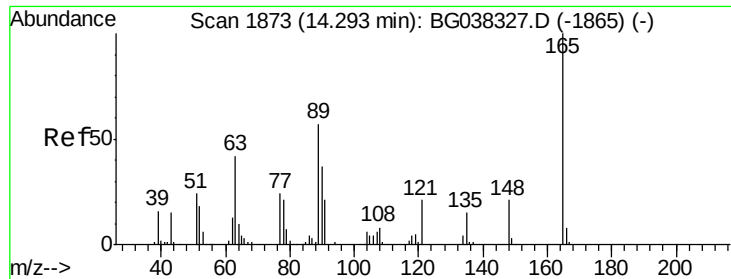
194 3.9 3.5 5.3

164 10.4 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

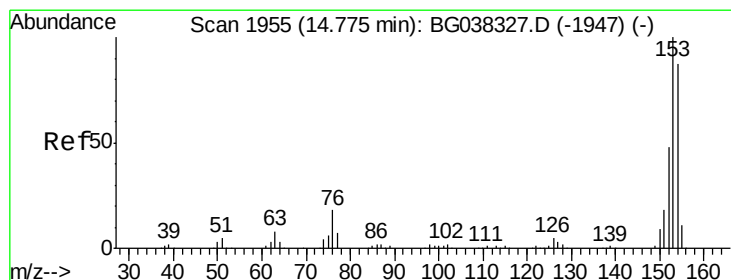
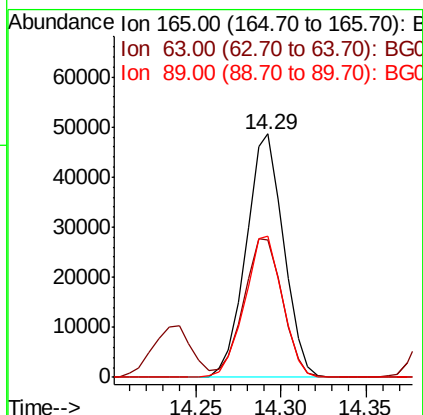
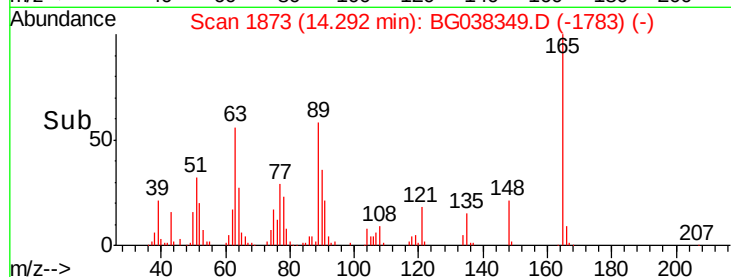
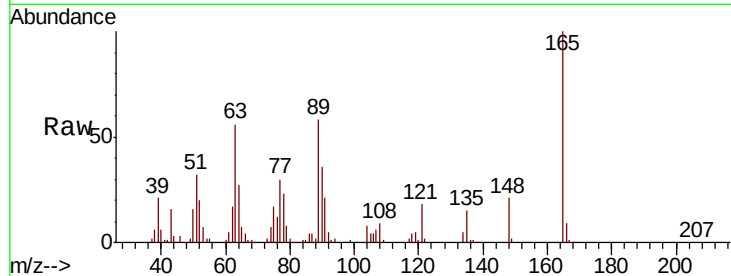




#51
 2,6-Dinitrotoluene
 Concen: 39.821 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

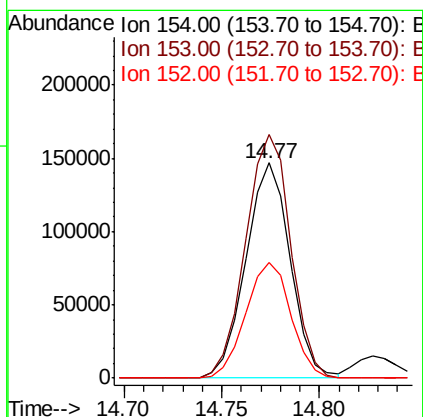
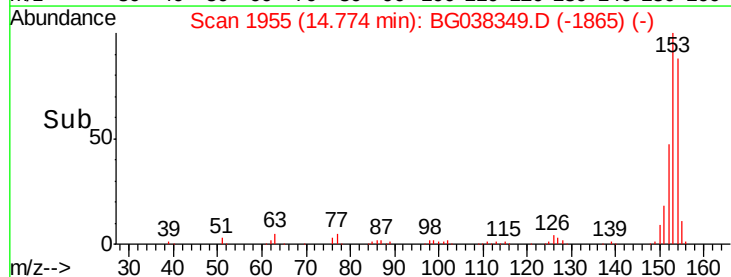
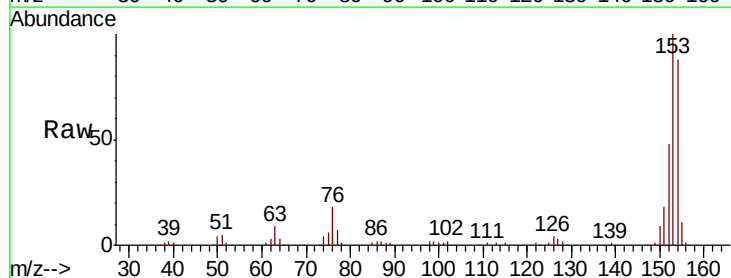
Instrument :
 BNA_G
 ClientSampleId :

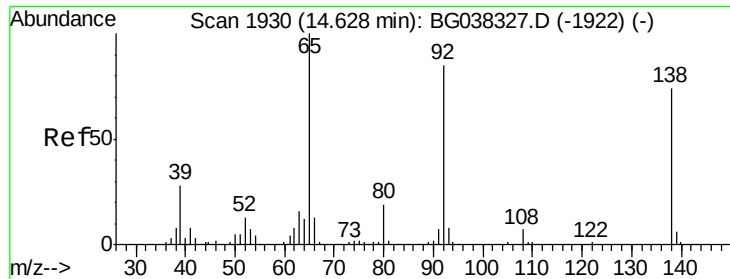
Tot Ion:165 Resp: 75036
 Ion Ratio Lower Upper
 165 100
 63 56.3 43.4 65.2
 89 57.9 45.8 68.6



#52
 Acenaphthene
 Concen: 38.367 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion:154 Resp: 231085
 Ion Ratio Lower Upper
 154 100
 153 113.3 93.4 140.0
 152 53.9 44.7 67.1





#53

3-Nitroaniline

Concen: 39.599 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

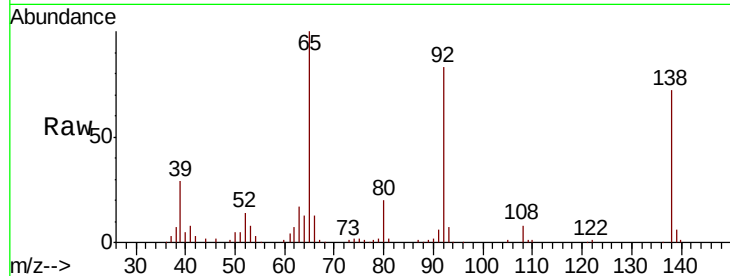
Tot Ion:138 Resp: 80363

Ion Ratio Lower Upper

138 100

108 10.5 11.0 16.6#

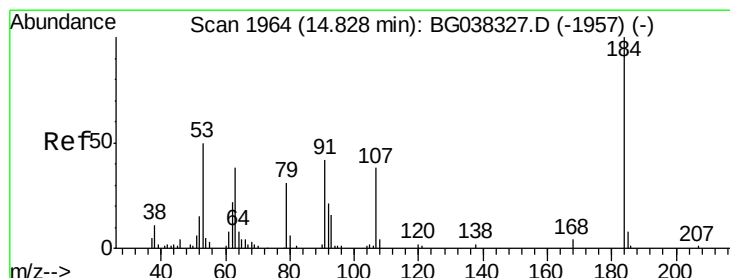
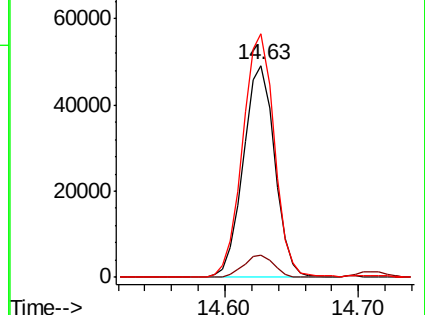
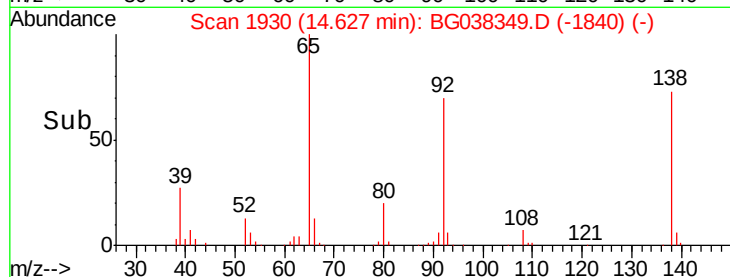
92 115.0 95.2 142.8



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: 39.084 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

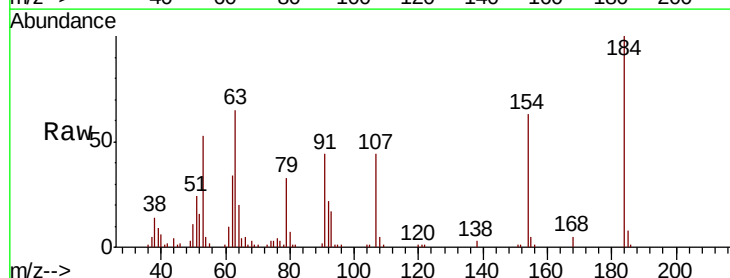
Tgt Ion:184 Resp: 40372

Ion Ratio Lower Upper

184 100

63 65.0 42.6 63.8#

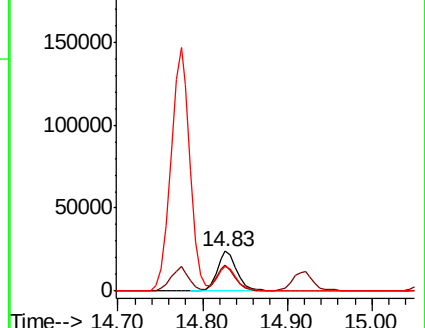
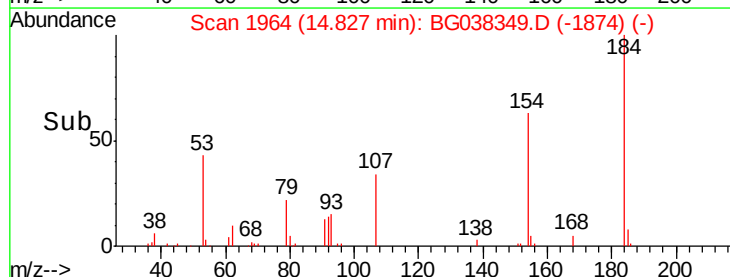
154 63.2 41.8 62.6#

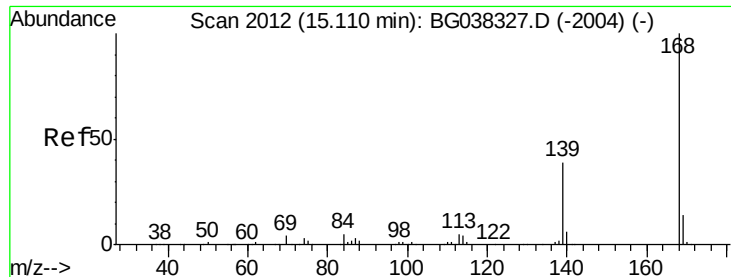


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

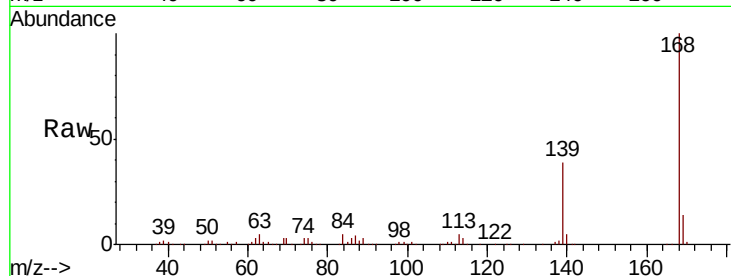




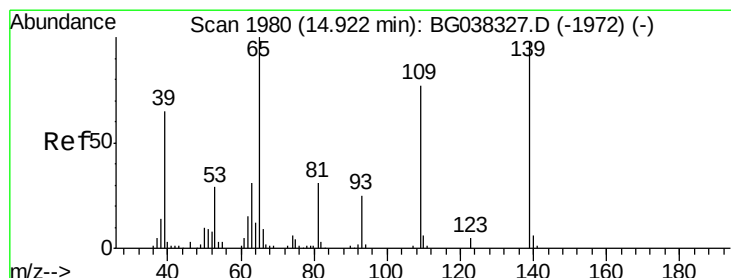
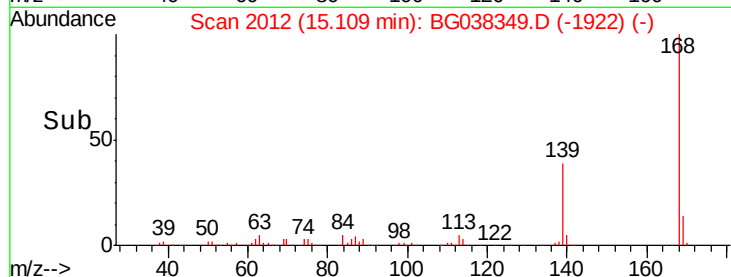
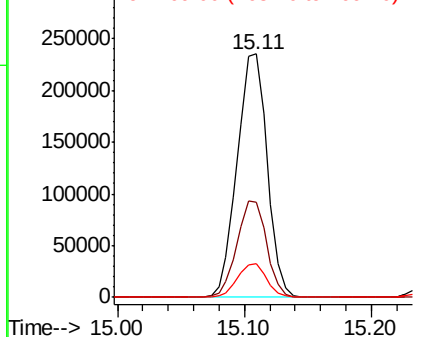
#55
Dibenzenofuran
Concen: 38.787 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 386216
Ion Ratio Lower Upper
168 100
139 38.9 29.4 44.0
169 13.9 11.0 16.6

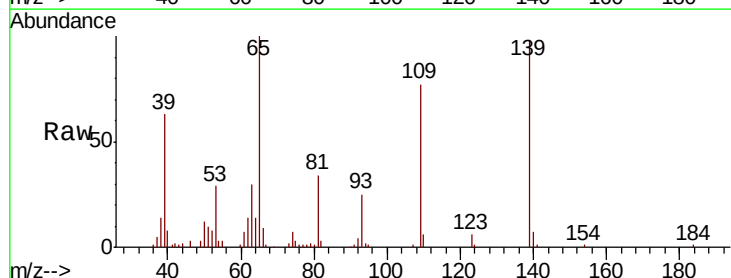


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

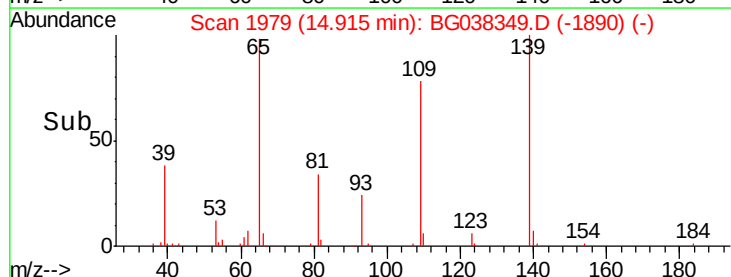
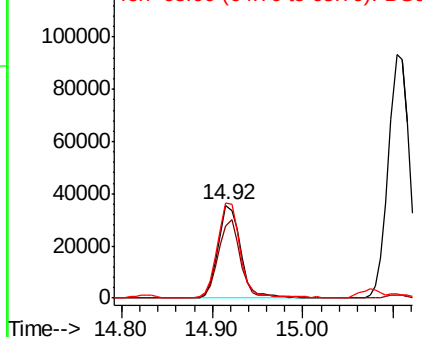


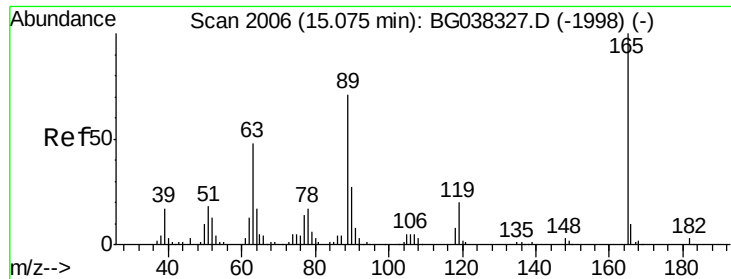
#56
4-Nitrophenol
Concen: 38.509 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:139 Resp: 61735
Ion Ratio Lower Upper
139 100
109 78.4 49.5 89.5
65 102.0 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

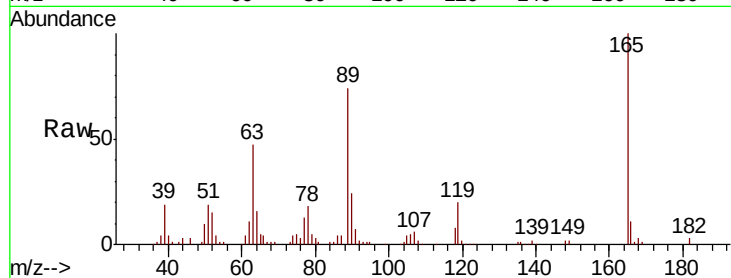




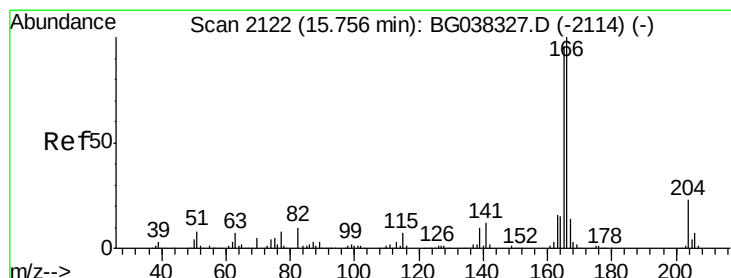
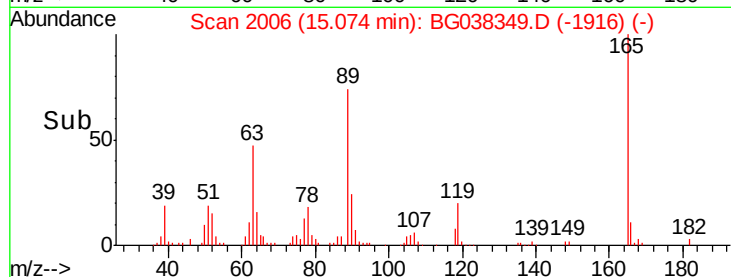
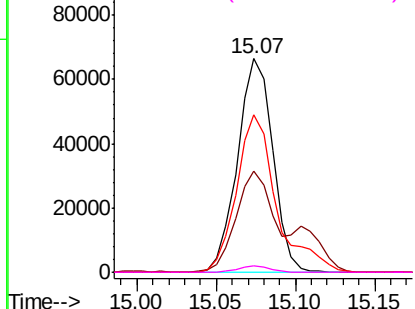
#57
 2,4-Dinitrotoluene
 Concen: 39.467 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	102573
Ion	Ratio	Lower Upper
165	100	
63	47.5	33.4 50.0
89	73.6	57.2 85.8
182	3.0	2.6 4.0

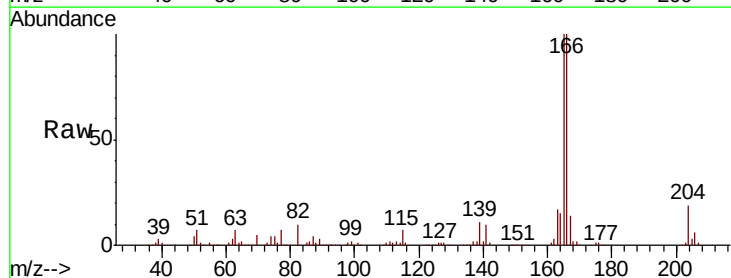


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

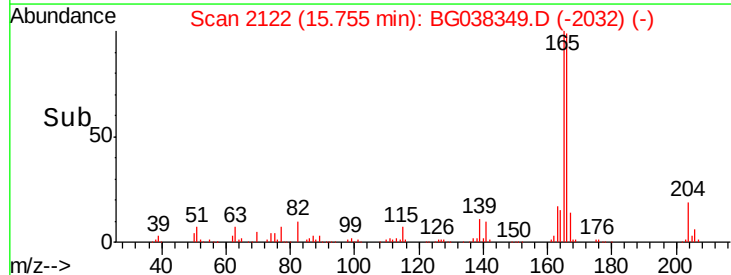
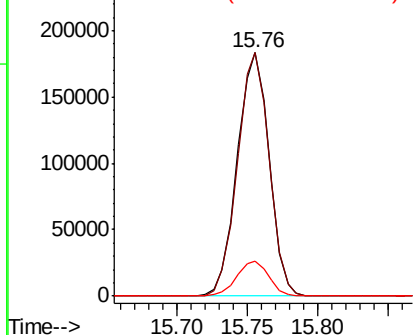


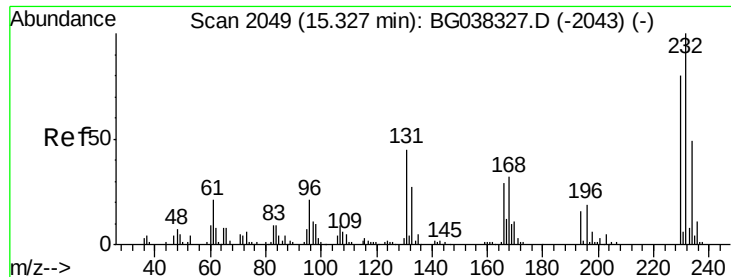
#58
 Fluorene
 Concen: 39.416 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion:166	Resp:	289150
Ion	Ratio	Lower Upper
166	100	
165	100.0	79.0 118.6
167	14.4	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

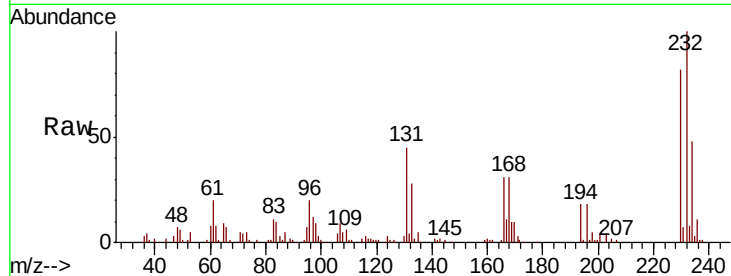




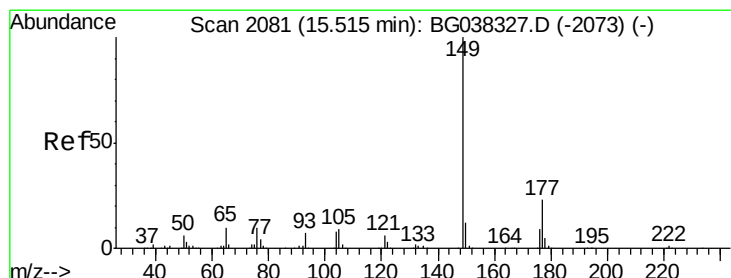
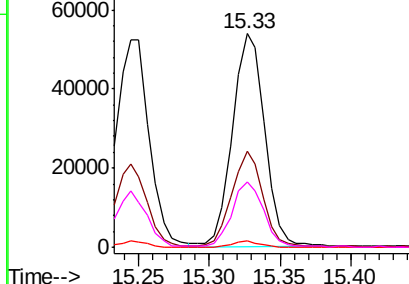
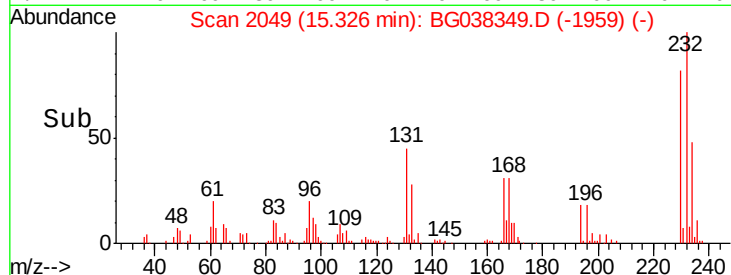
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.533 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 85494
Ion Ratio Lower Upper
232 100
131 44.1 33.7 50.5
130 2.5 2.1 3.1
166 30.8 24.6 36.8

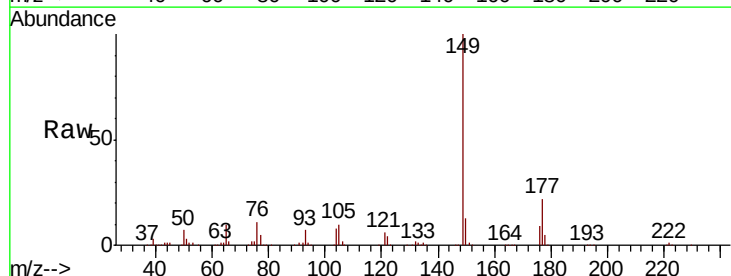


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

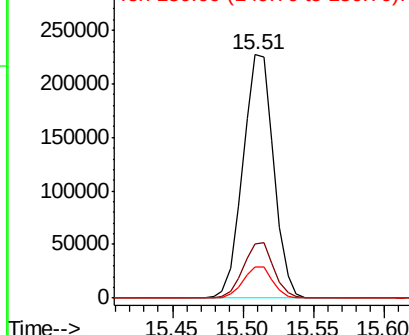
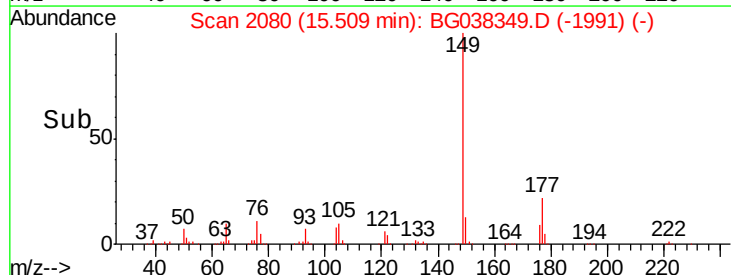


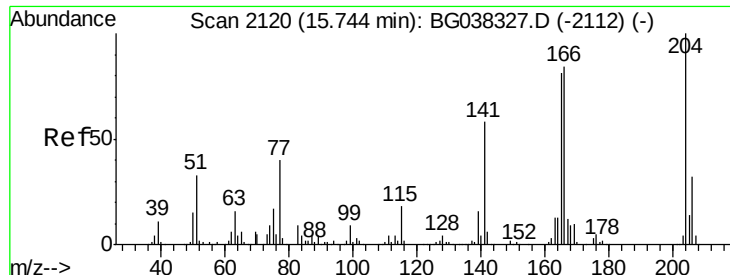
#60
Diethylphthalate
Concen: 37.863 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:149 Resp: 346029
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 13.0 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

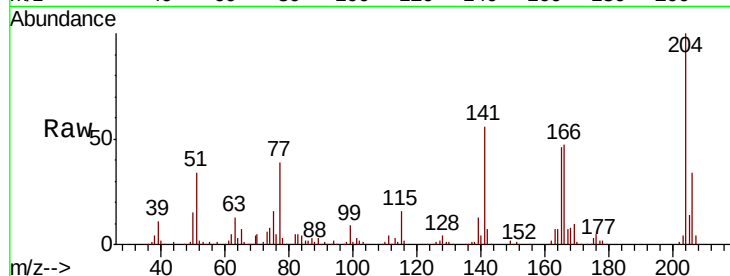




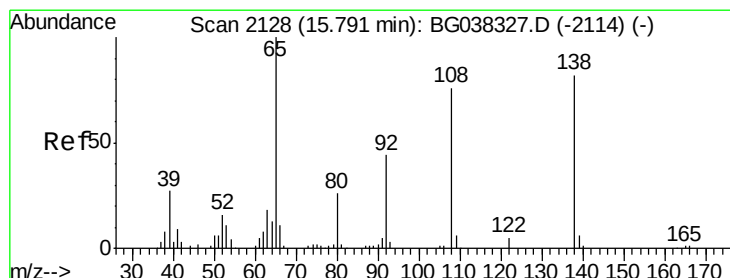
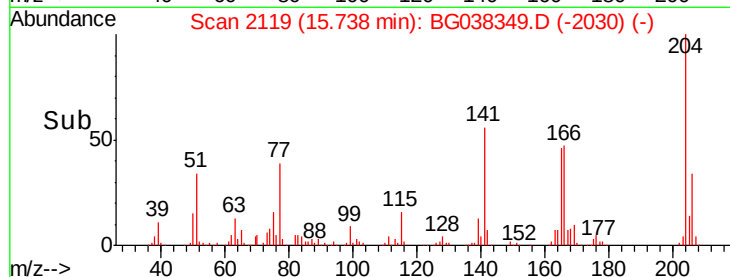
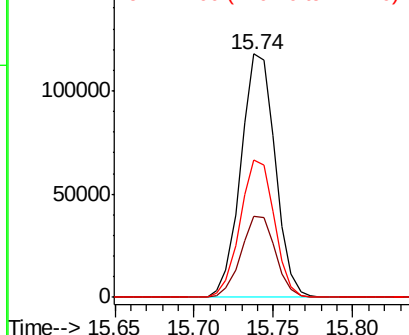
#61
4-Chlorophenyl-phenylether
Concen: 40.083 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 176619
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 56.2 45.4 68.2

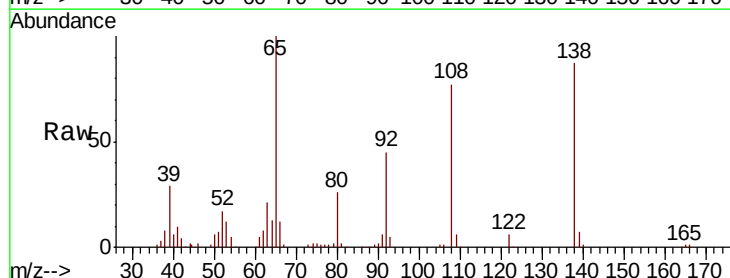


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

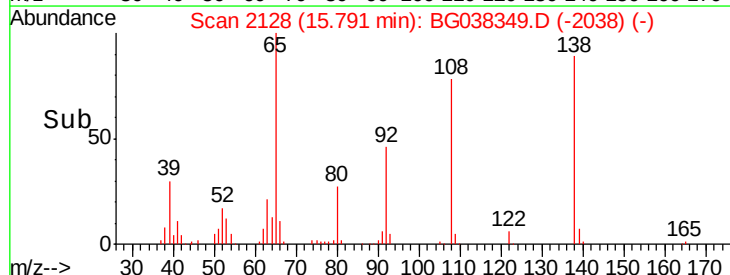
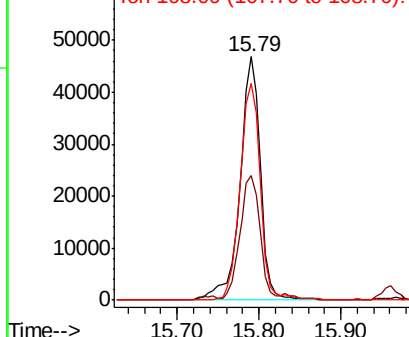


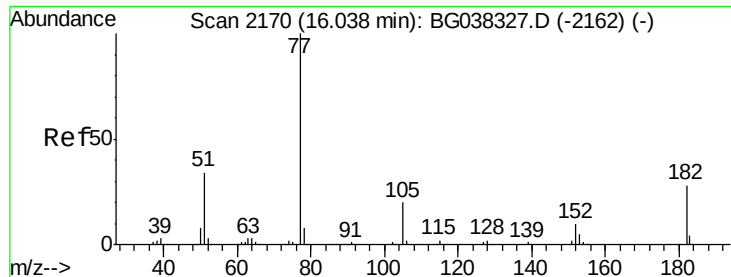
#62
4-Nitroaniline
Concen: 40.535 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:138 Resp: 80910
Ion Ratio Lower Upper
138 100
92 51.4 36.4 76.4
108 89.1 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: 38.733 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 309793

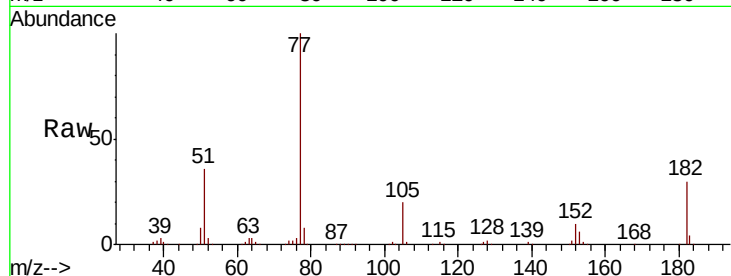
Ion Ratio Lower Upper

77 100

182 29.5 8.0 48.0

105 19.8 1.3 41.3

51 35.8 10.7 50.7

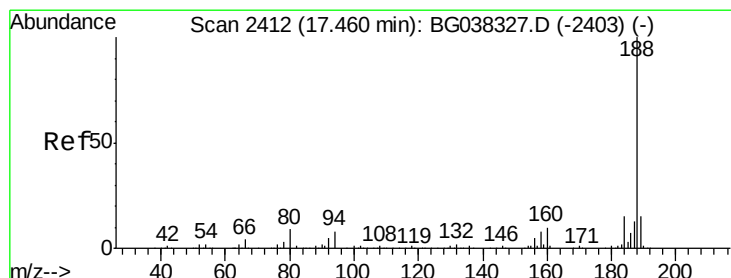
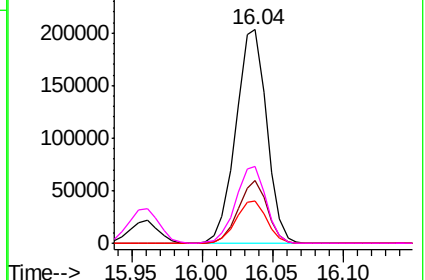
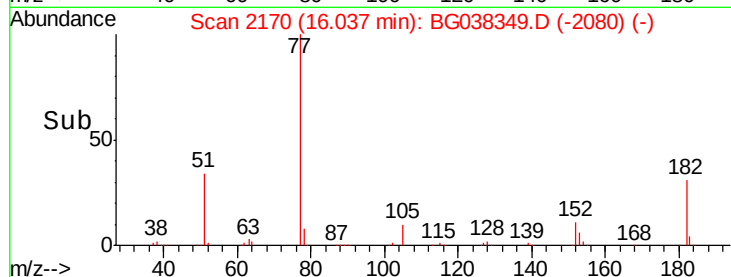


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

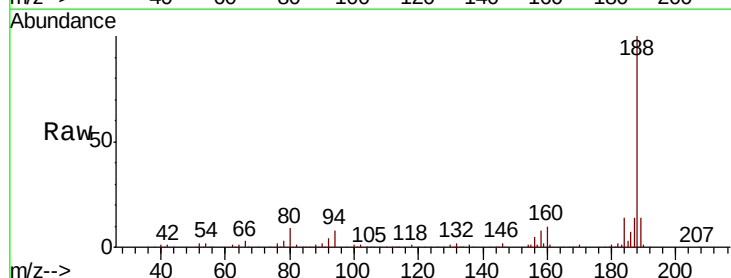
Tgt Ion: 188 Resp: 240415

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

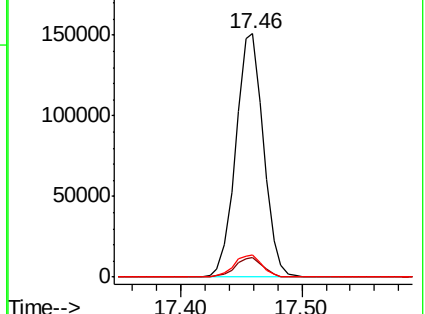
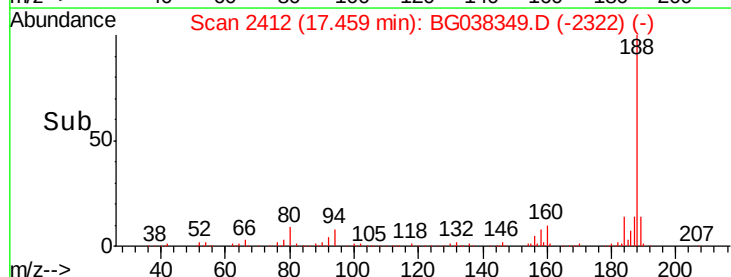
80 8.9 7.7 11.5

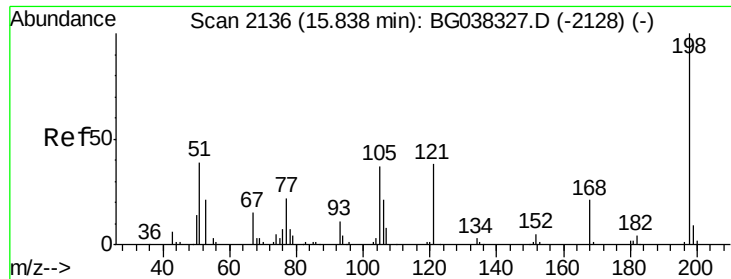


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

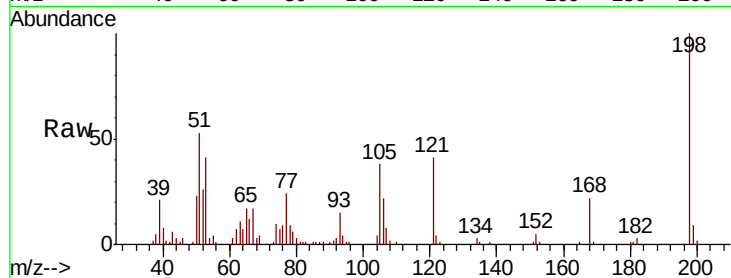




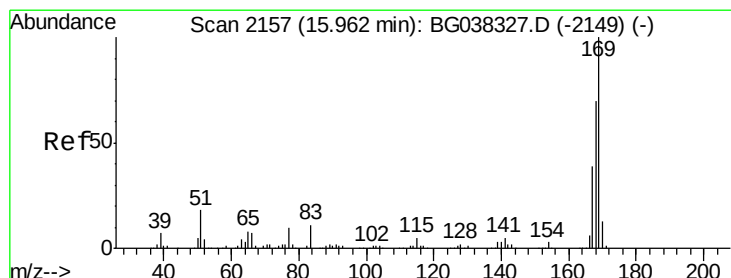
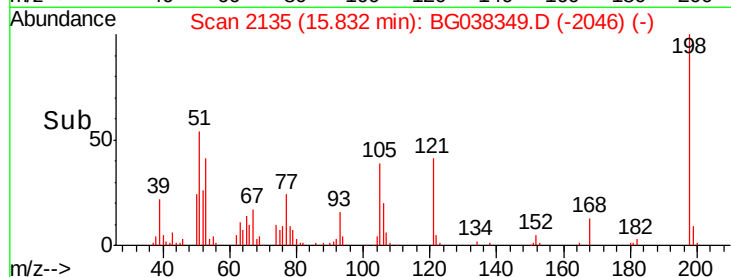
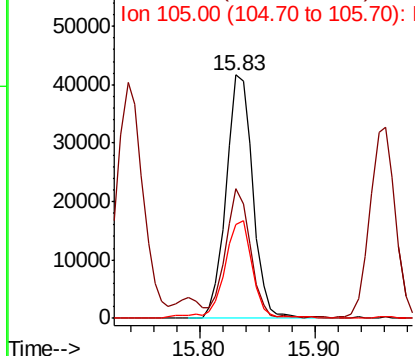
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.308 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 66645
 Ion Ratio Lower Upper
 198 100
 51 53.1 22.7 62.7
 105 38.4 19.7 59.7

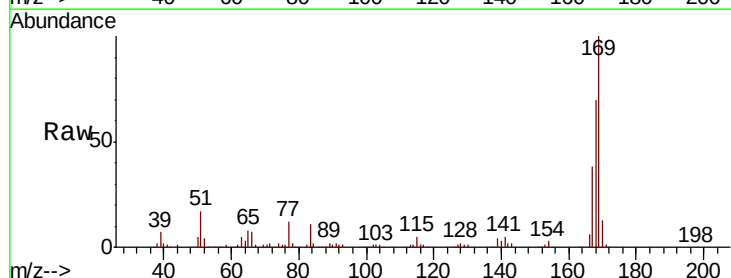


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

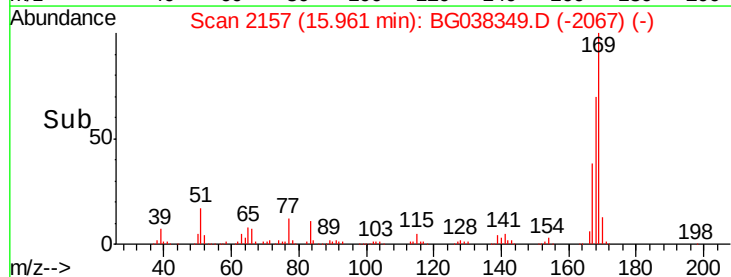
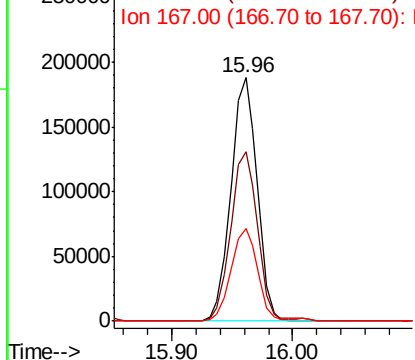


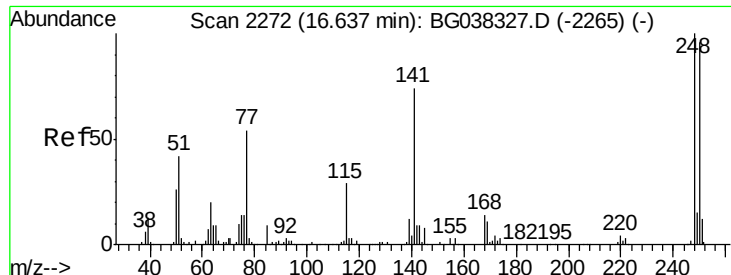
#66
 n-Nitrosodiphenylamine
 Concen: 41.920 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion:169 Resp: 283404
 Ion Ratio Lower Upper
 169 100
 168 69.7 55.7 83.5
 167 38.0 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

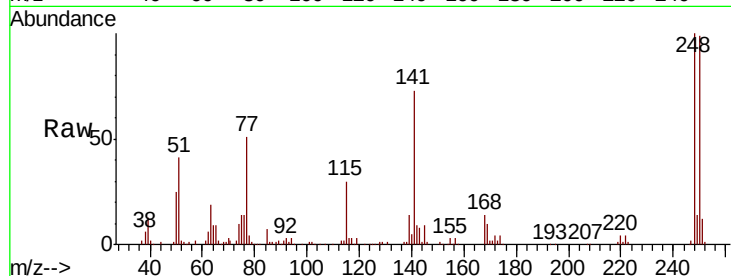




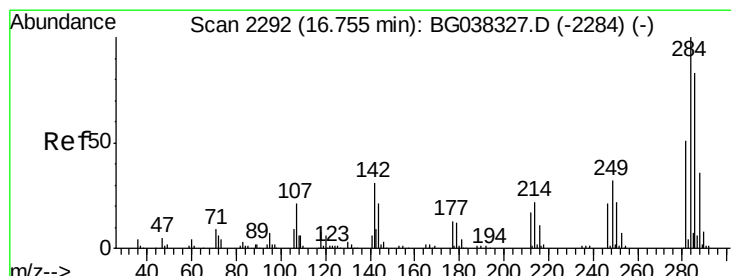
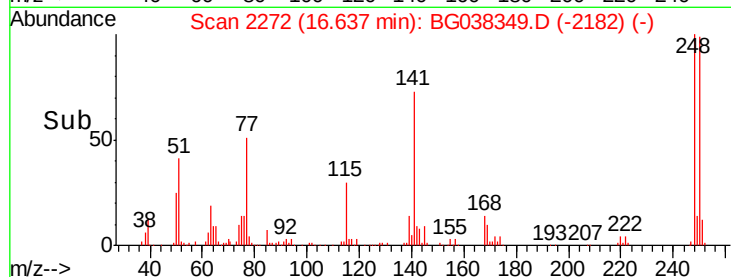
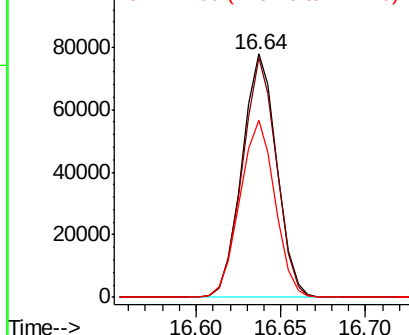
#67
 4-Bromophenyl-phenylether
 Concen: 42.951 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 111510
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.0 115.6
 141 72.6 55.5 83.3

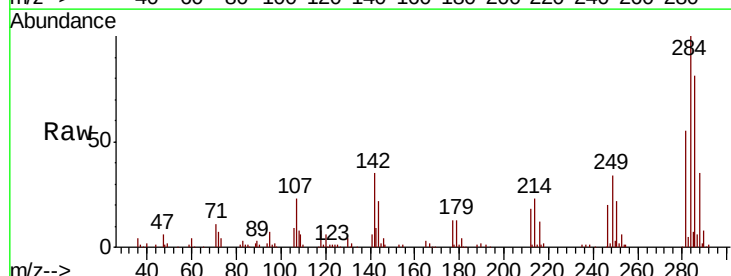


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

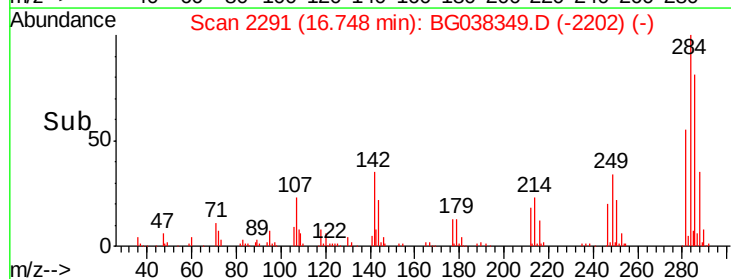
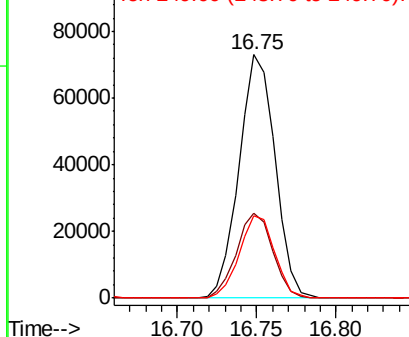


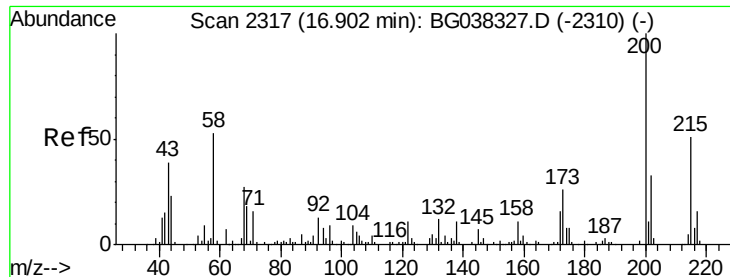
#68
 Hexachlorobenzene
 Concen: 42.930 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion:284 Resp: 114963
 Ion Ratio Lower Upper
 284 100
 142 35.0 28.1 42.1
 249 36.4 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: 42.982 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampled :

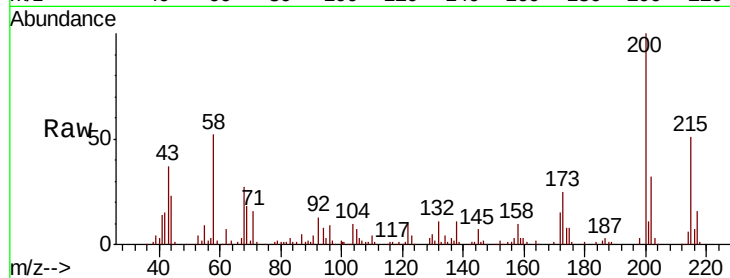
Tot Ion:200 Resp: 108428

Ion Ratio Lower Upper

200 100

173 25.5 6.1 46.1

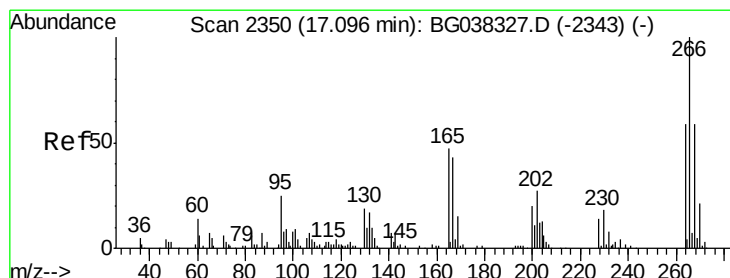
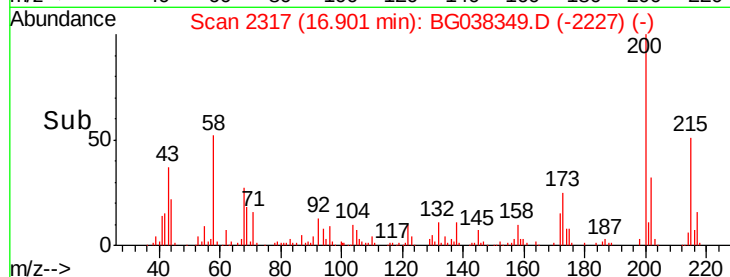
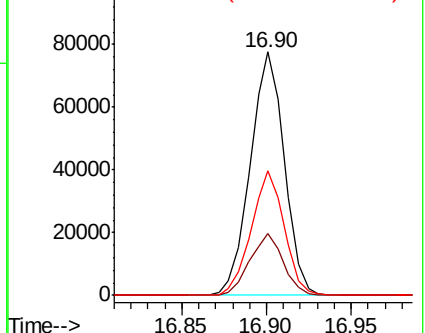
215 51.2 30.8 70.8



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: 41.773 ng

RT: 17.10 min Scan# 2351

Delta R.T. 0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

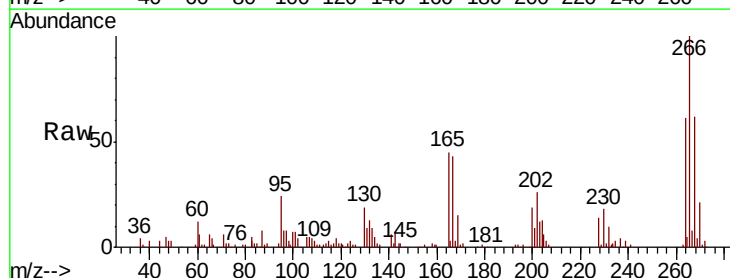
Tgt Ion:266 Resp: 76620

Ion Ratio Lower Upper

266 100

268 66.6 55.0 82.6

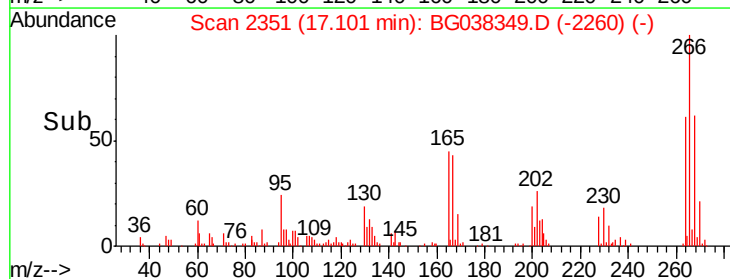
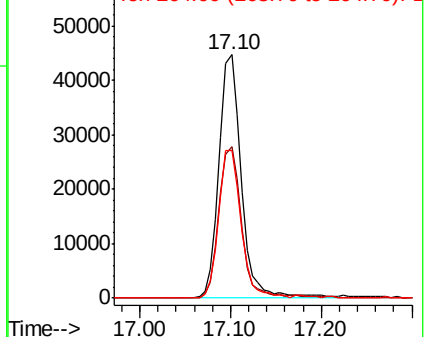
264 65.9 58.9 88.3

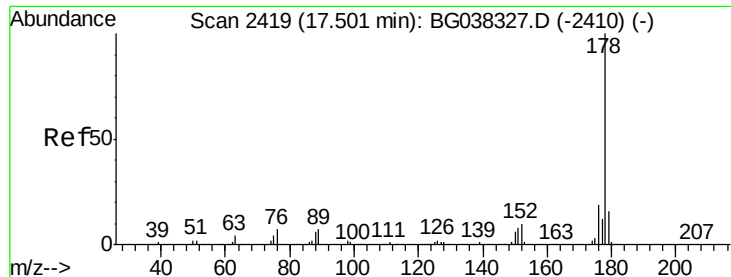


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

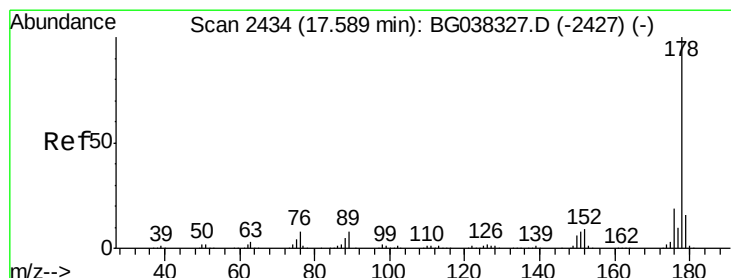
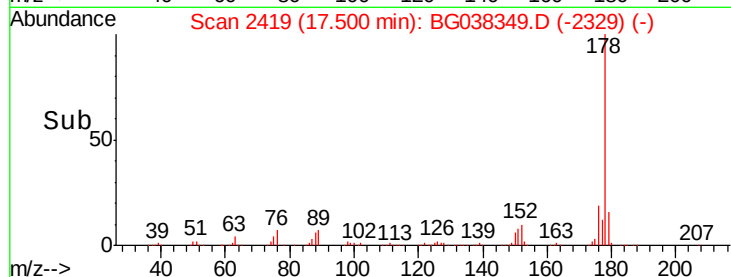
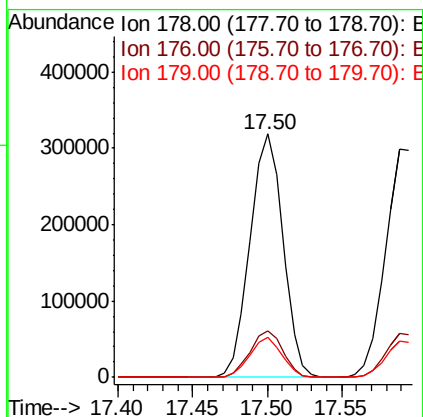
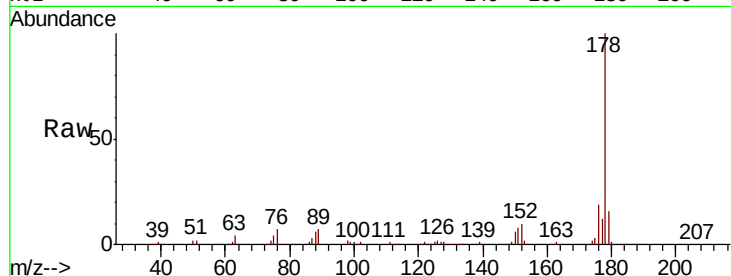




#71
Phenanthrene
Concen: 40.433 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

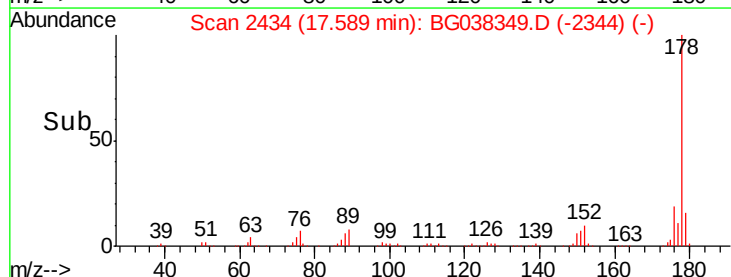
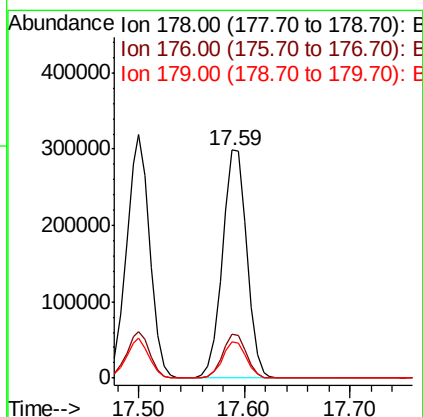
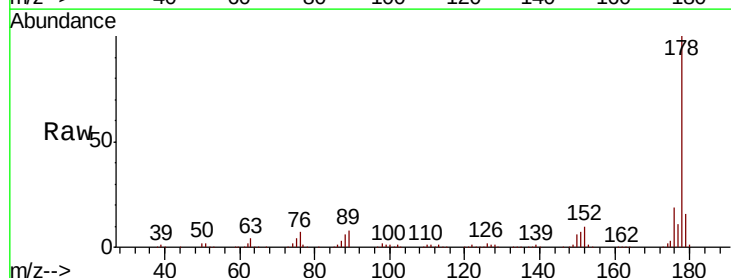
Instrument :
BNA_G
ClientSampleId :

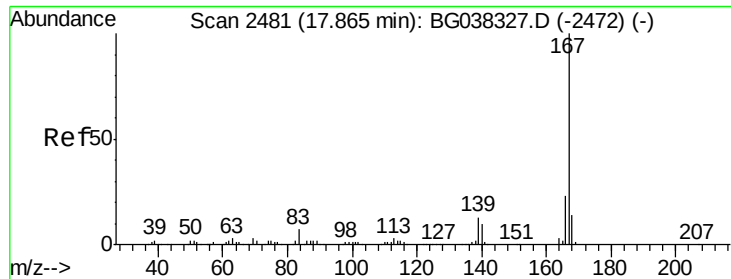
Tot Ion:178 Resp: 486808
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 16.2 13.0 19.4



#72
Anthracene
Concen: 40.956 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:178 Resp: 477521
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 16.1 12.8 19.2





#73

Carbazole

Concen: 41.488 ng

RT: 17.86 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

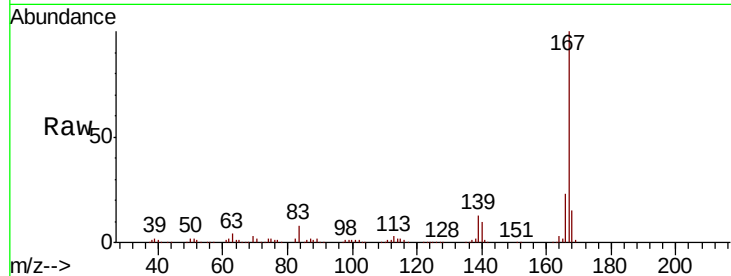
Tot Ion:167 Resp: 480099

Ion Ratio Lower Upper

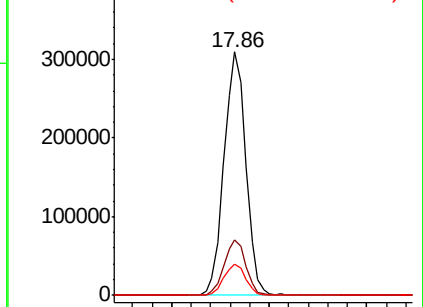
167 100

166 22.7 18.3 27.5

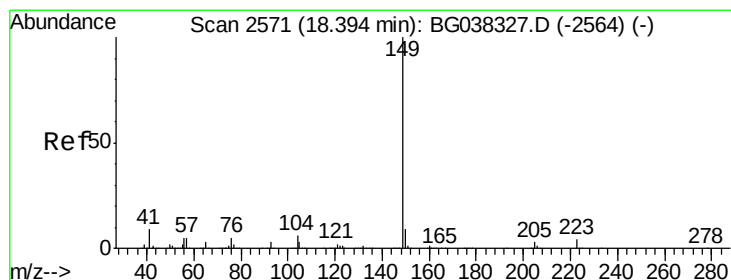
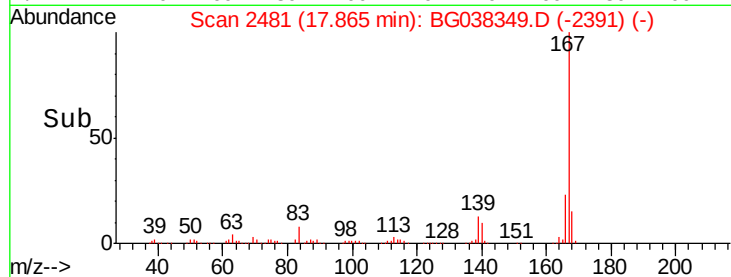
139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.531 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

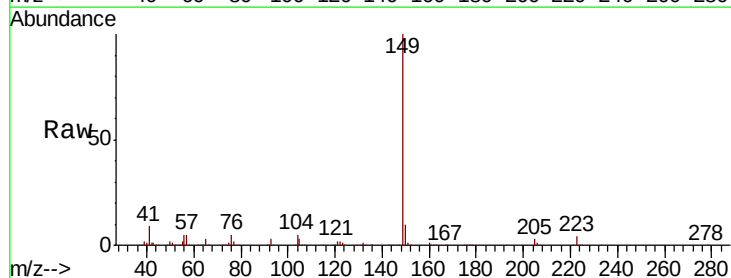
Tgt Ion:149 Resp: 547937

Ion Ratio Lower Upper

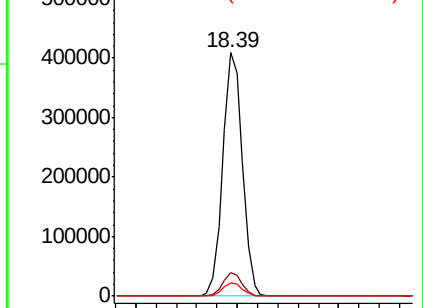
149 100

150 9.8 8.2 12.2

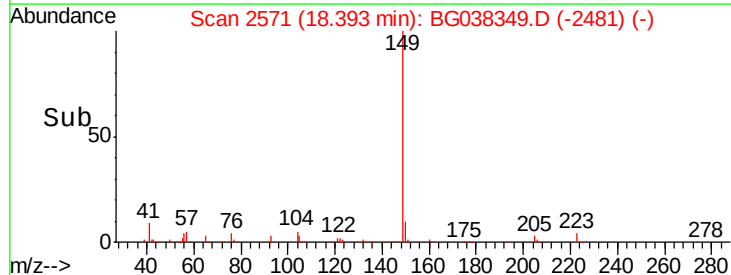
104 5.5 4.0 6.0

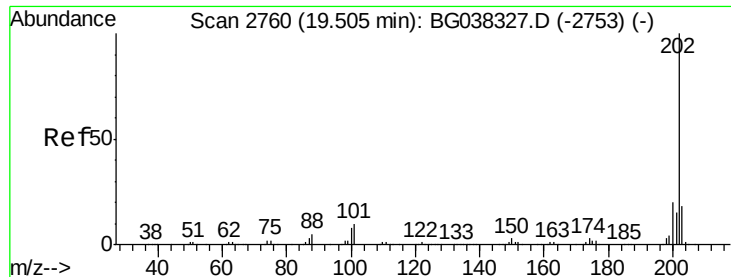


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 40.335 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampled :

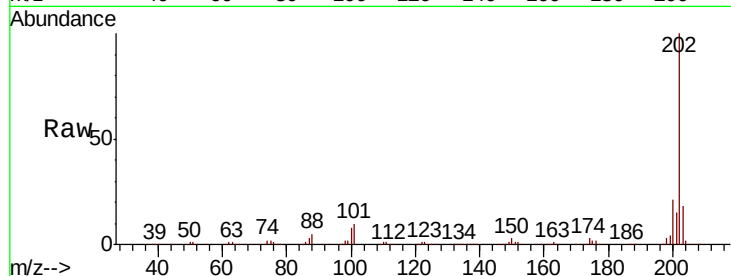
Tot Ion:202 Resp: 567376

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

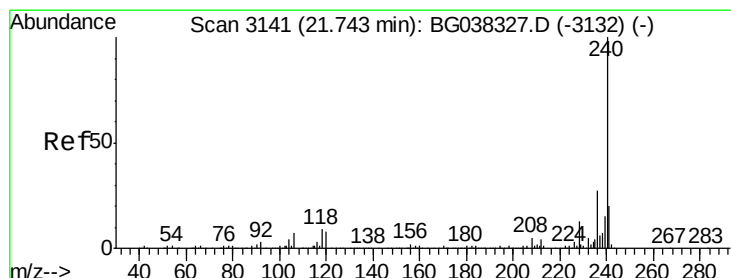
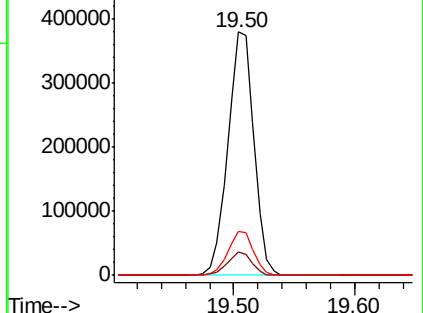
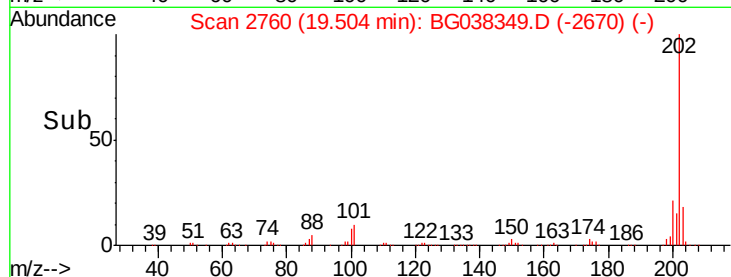
203 18.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

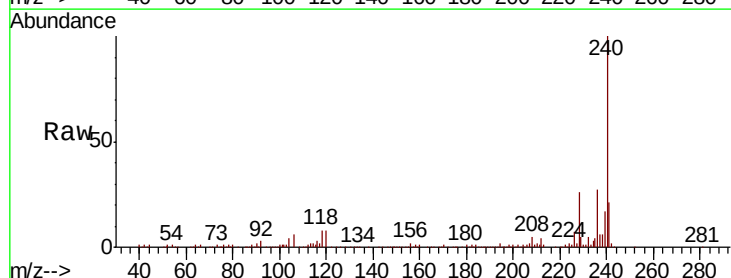
Tgt Ion:240 Resp: 223994

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

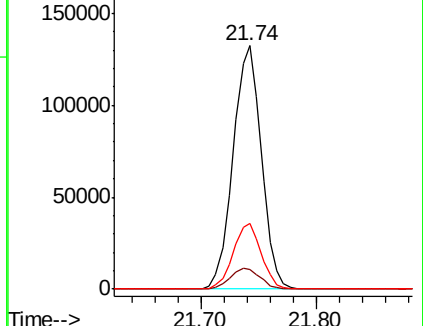
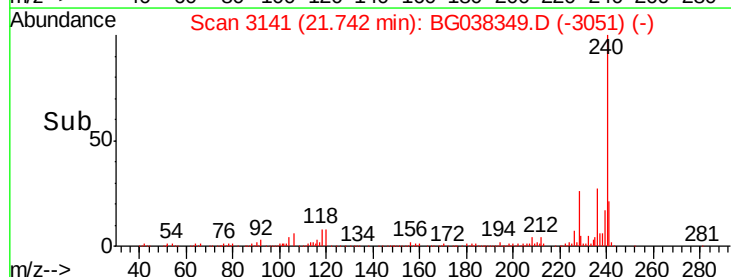
236 26.8 21.4 32.0

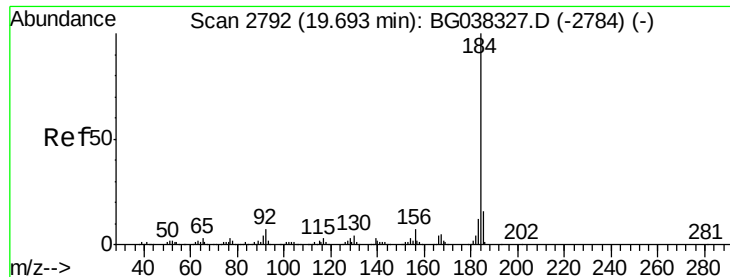


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.311 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampled :

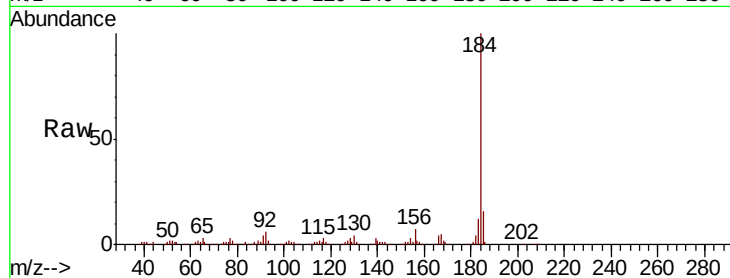
Tot Ion:184 Resp: 297139

Ion Ratio Lower Upper

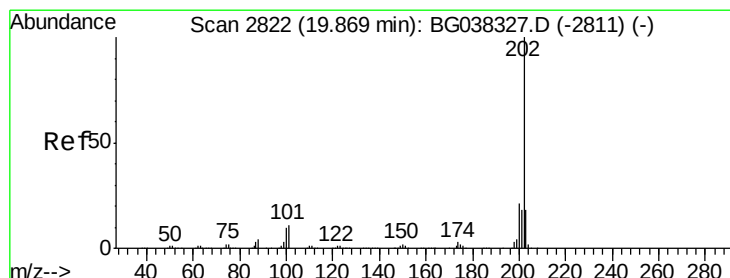
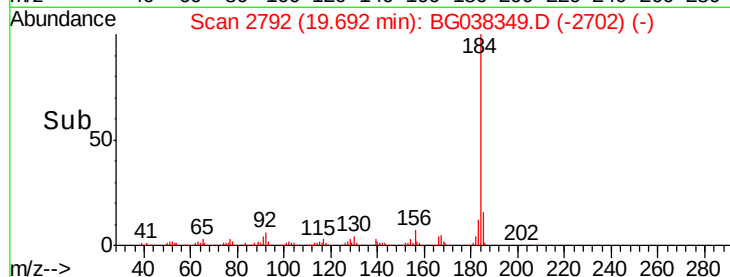
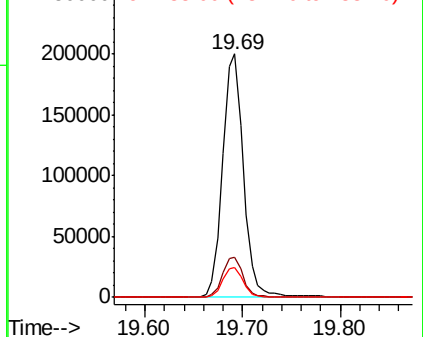
184 100

185 16.4 12.6 18.8

183 12.1 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: 36.545 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

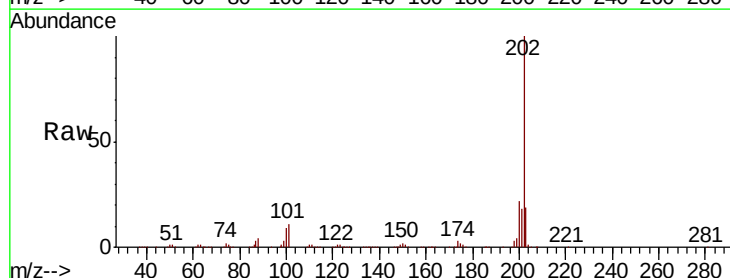
Tgt Ion:202 Resp: 572745

Ion Ratio Lower Upper

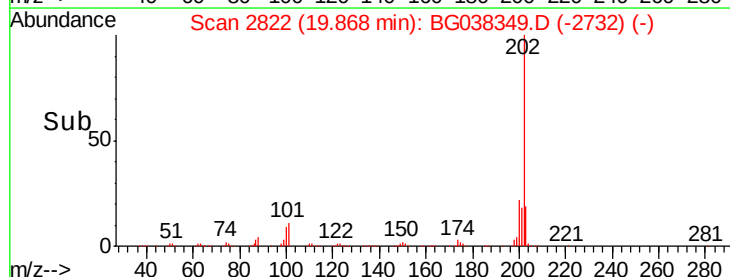
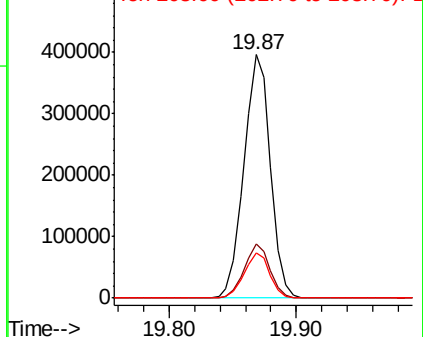
202 100

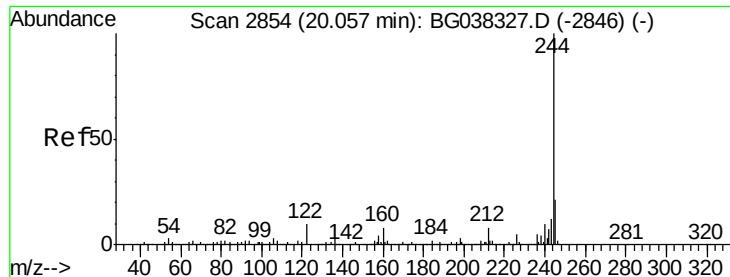
200 22.1 17.8 26.6

203 18.7 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: 75.235 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038349.D

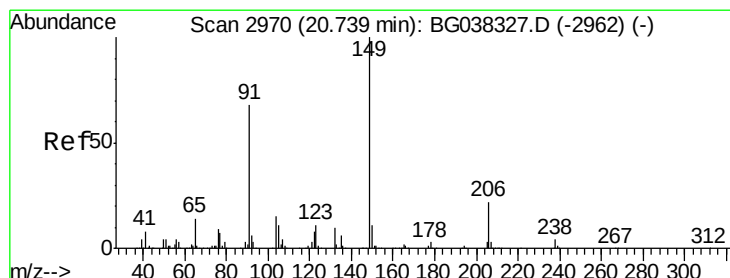
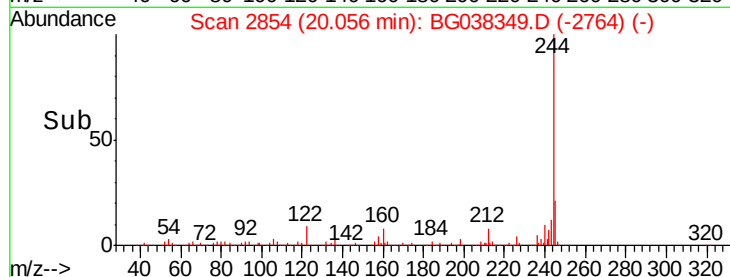
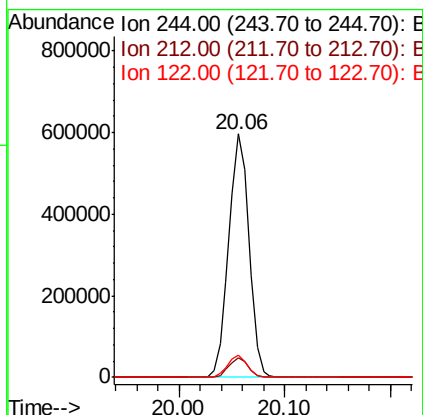
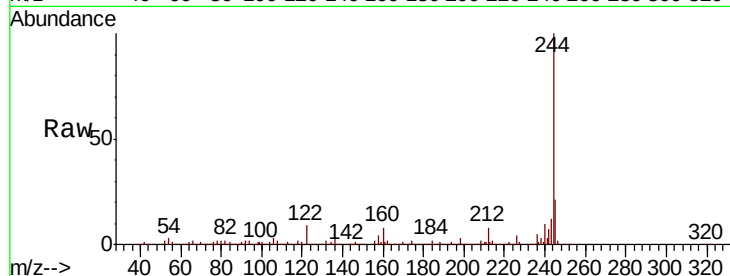
Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	244	Resp:	786656
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	8.9	9.0	13.4#



#80

Butylbenzylphthalate

Concen: 38.931 ng

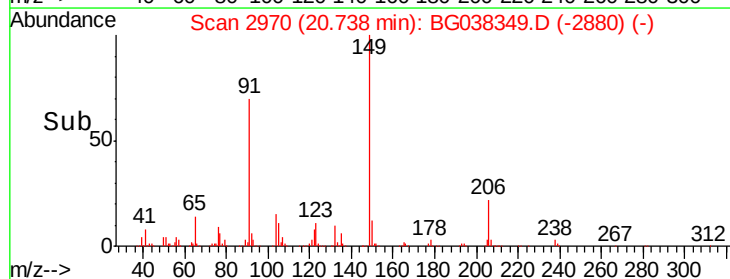
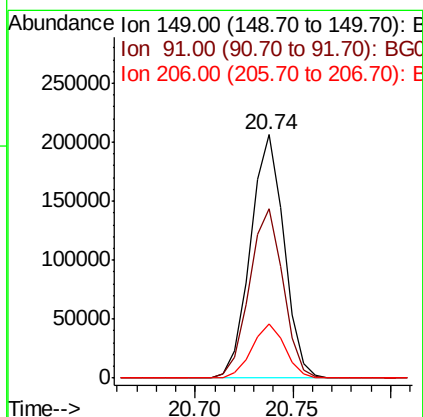
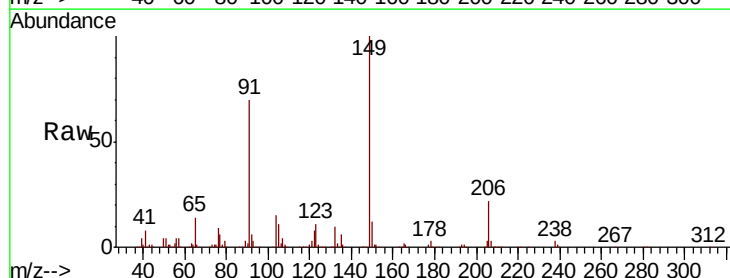
RT: 20.74 min Scan# 2970

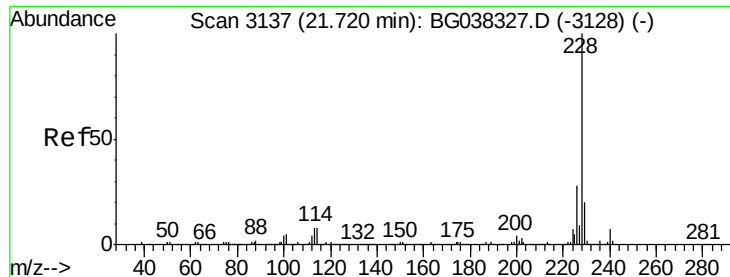
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	149	Resp:	245400
Ion	Ratio	Lower	Upper
149	100		
91	69.7	57.0	85.4
206	22.4	17.8	26.6





#81

Benzo(a)anthracene

Concen: 38.888 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampled :

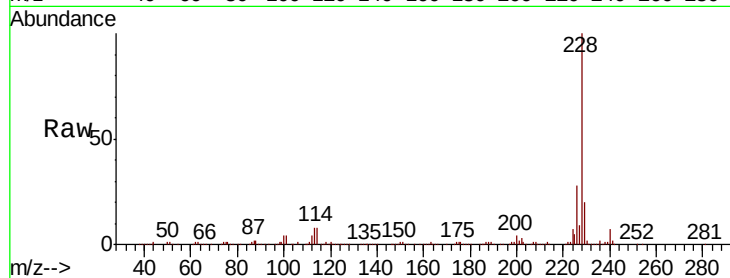
Tot Ion:228 Resp: 535363

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

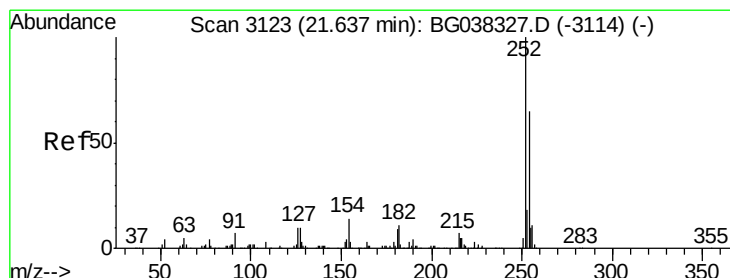
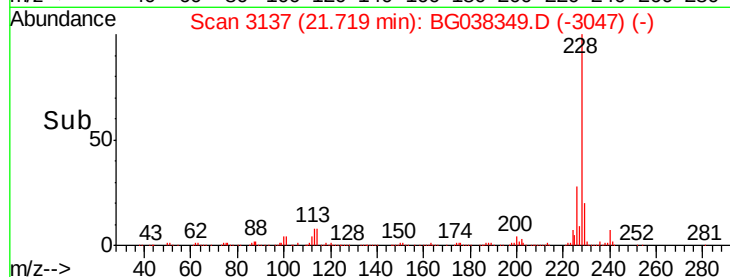
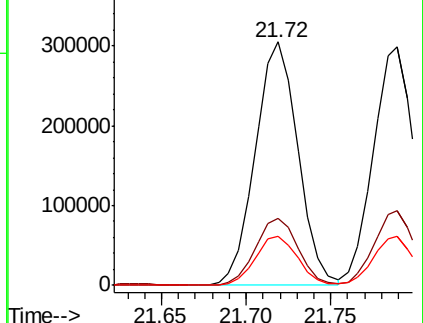
229 20.4 16.3 24.5



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: 39.488 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

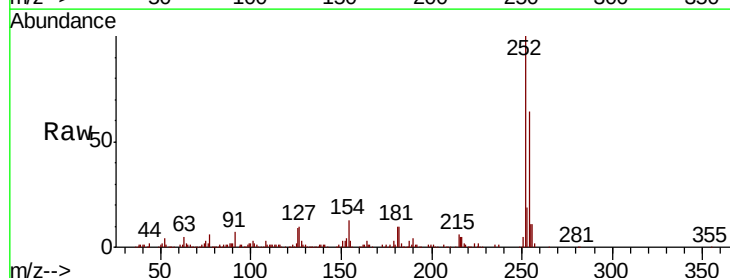
Tgt Ion:252 Resp: 211477

Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

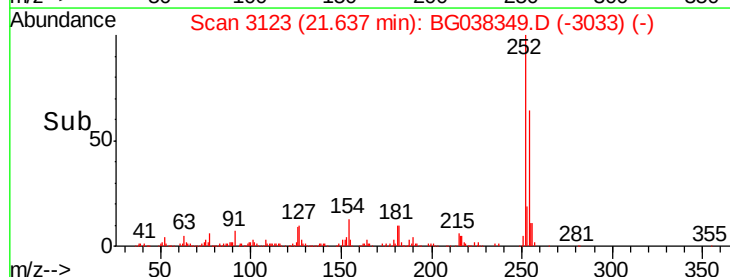
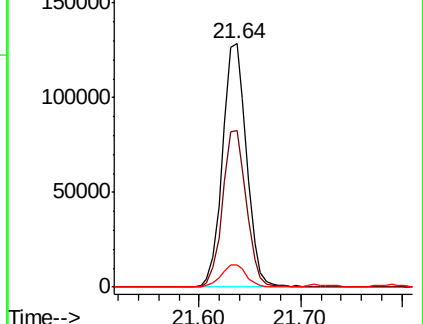
126 9.3 8.2 12.4

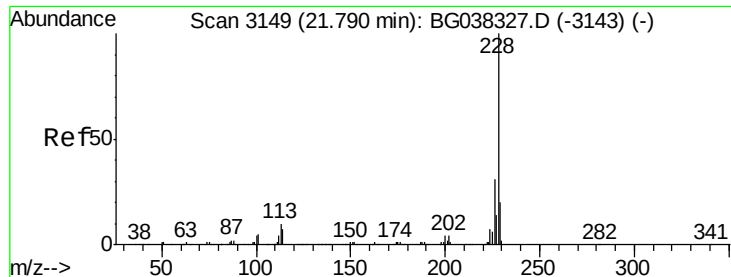


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.843 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

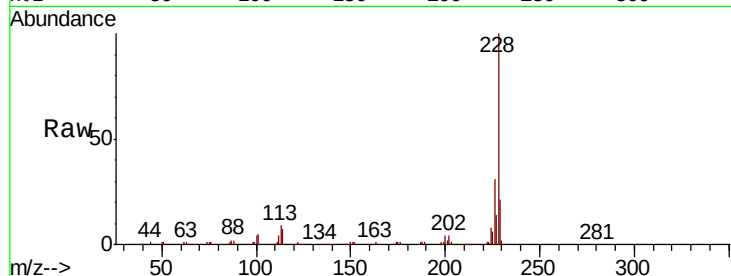
Tot Ion:228 Resp: 506034

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

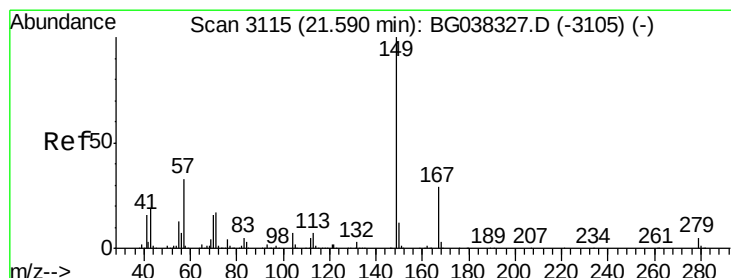
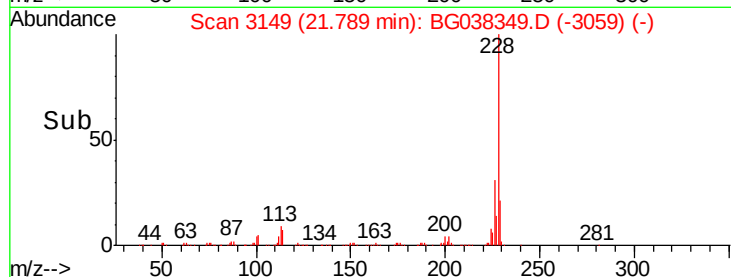
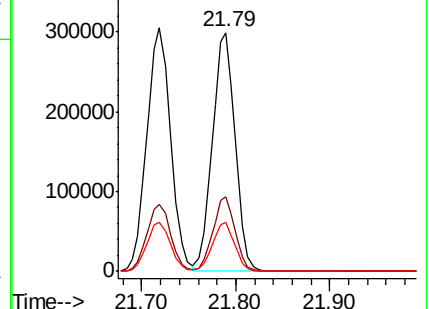
229 20.6 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.621 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

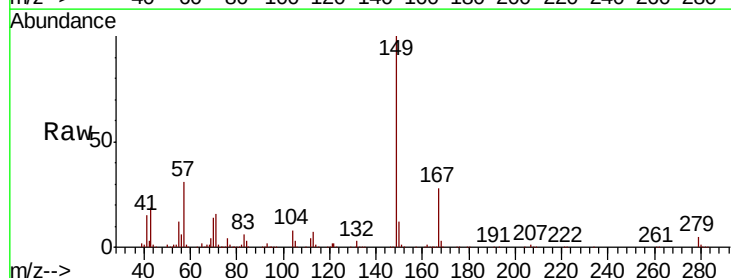
Tgt Ion:149 Resp: 345055

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.4

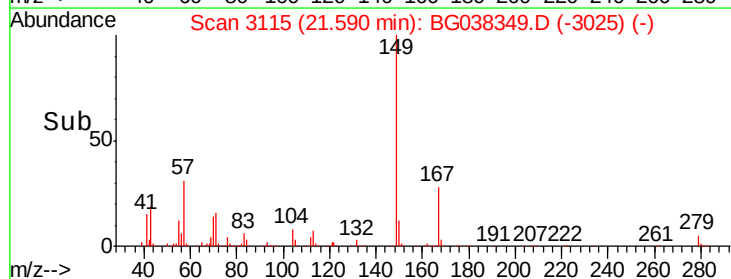
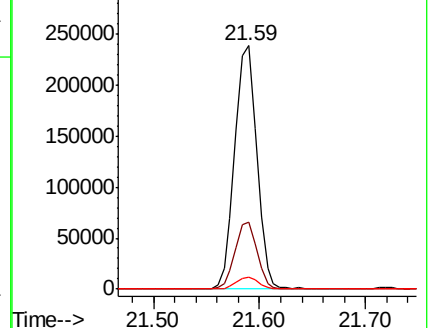
279 4.8 3.6 5.4

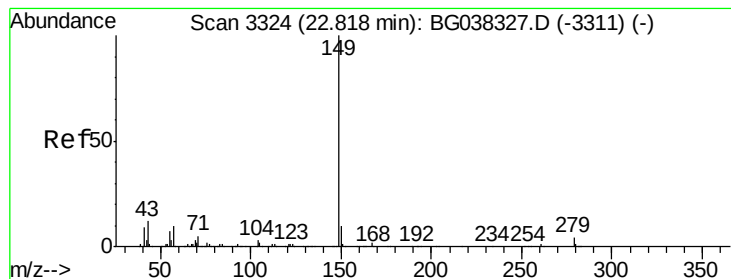


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.321 ng

RT: 22.82 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

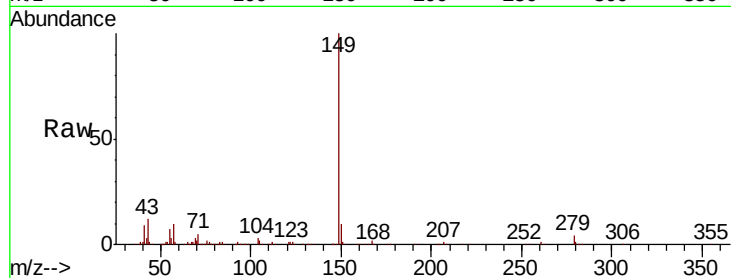
Tot Ion:149 Resp: 571749

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

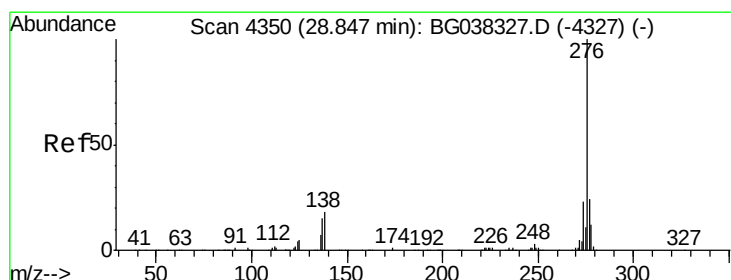
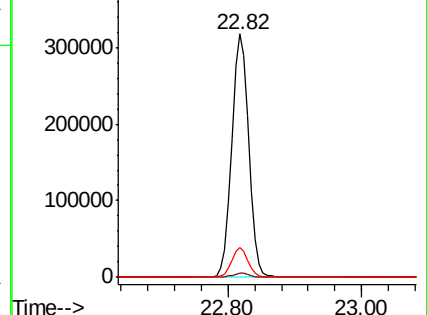
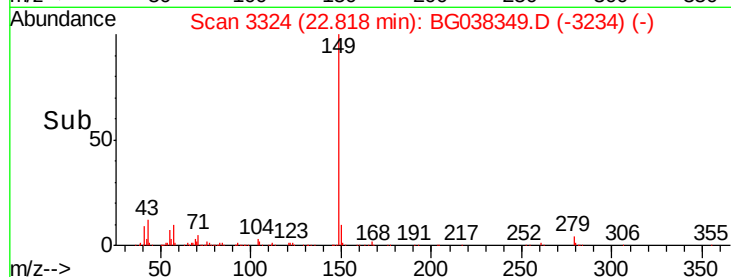
43 12.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.694 ng

RT: 28.85 min Scan# 4350

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

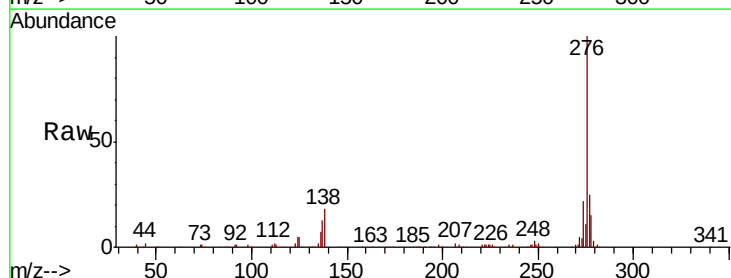
Tgt Ion:276 Resp: 587706

Ion Ratio Lower Upper

276 100

138 15.7 12.0 18.0

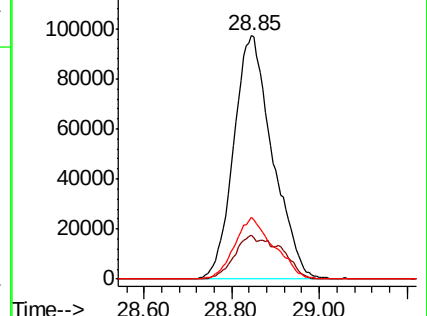
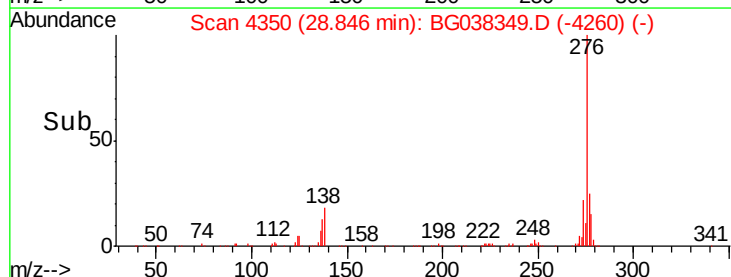
277 25.5 20.6 30.8

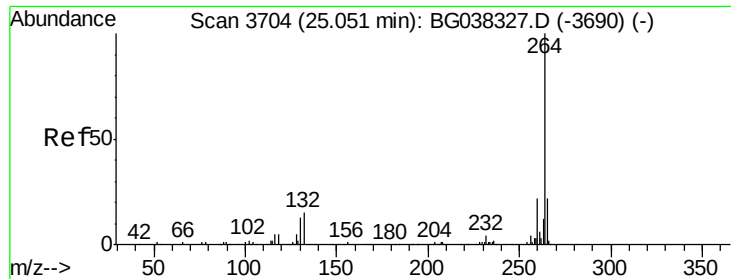


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

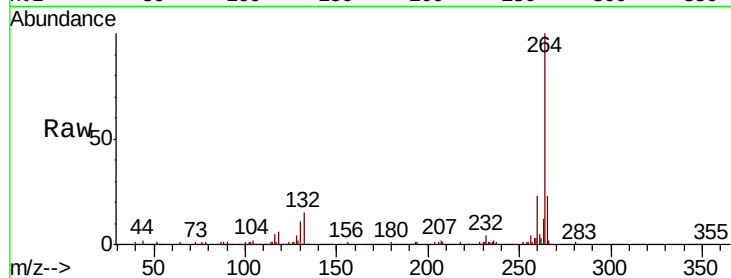
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 239099

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.5	17.9	26.9

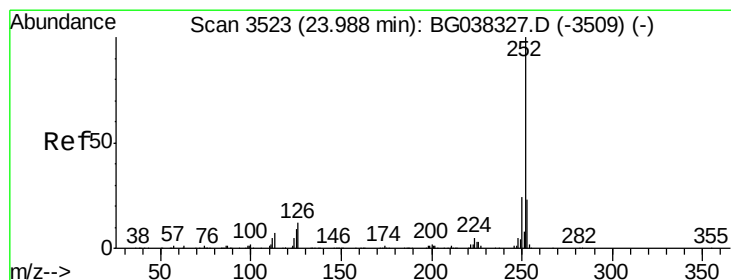
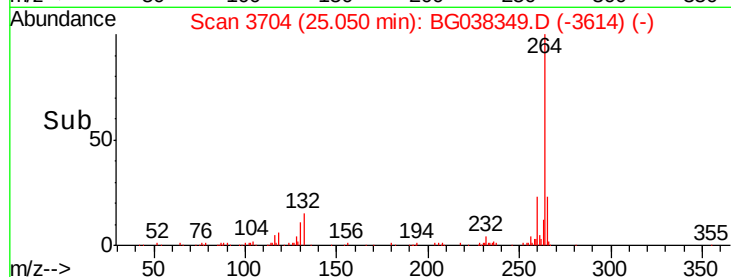
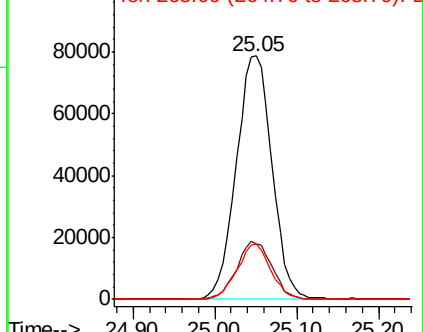


Abundance

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: 43.226 ng

RT: 23.99 min Scan# 3523

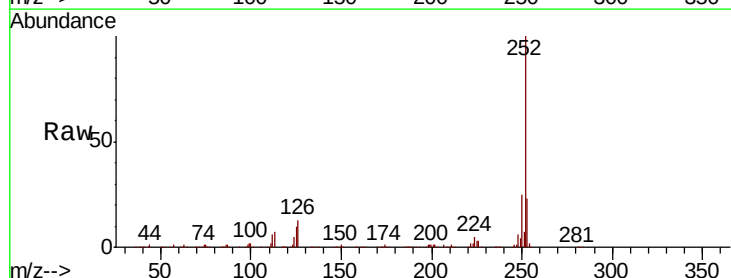
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:252 Resp: 583973

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	10.3	7.8	11.6

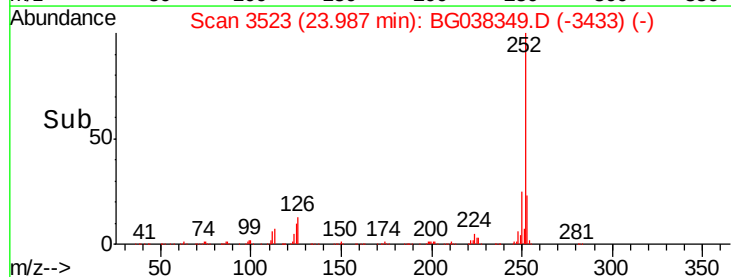
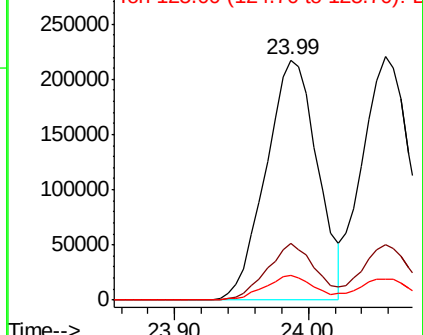


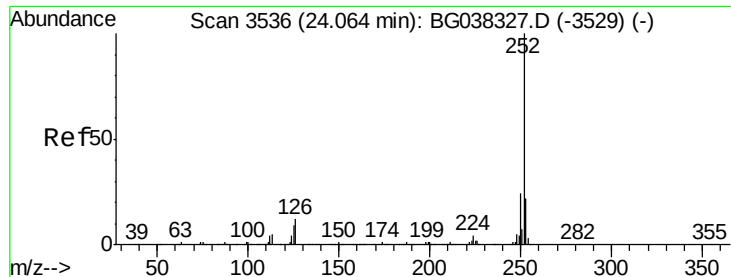
Abundance

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: 40.768 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

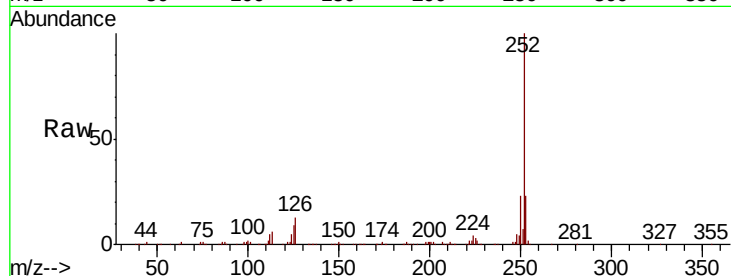
Tot Ion:252 Resp: 548548

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 8.8 7.4 11.0

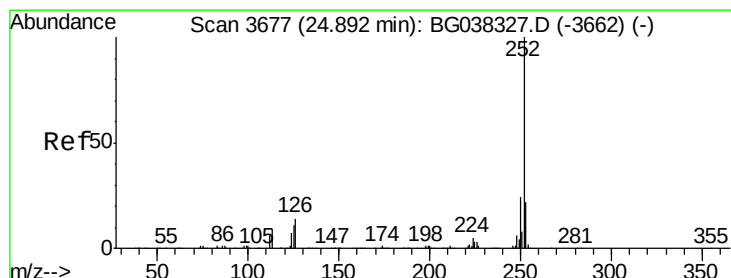
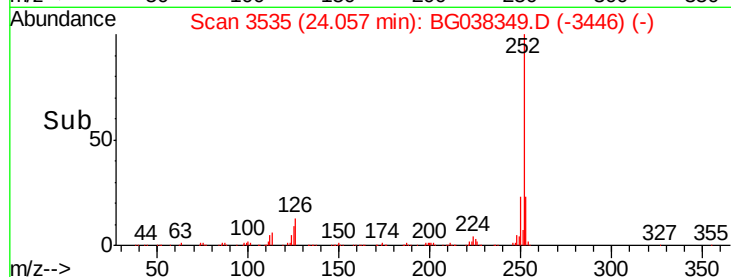
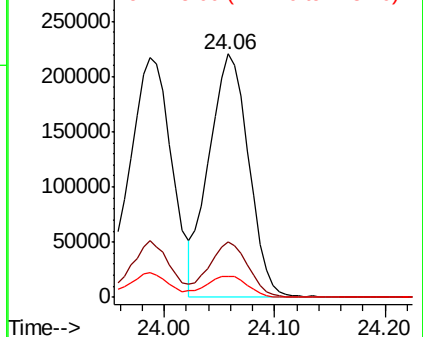


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.260 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

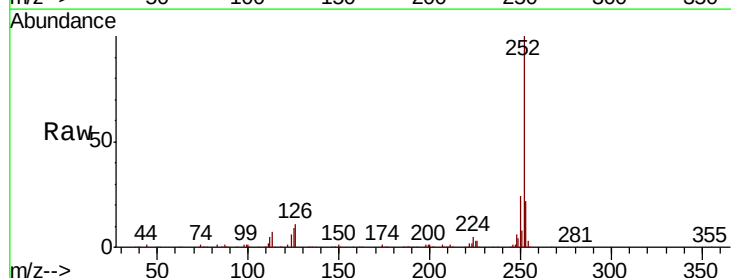
Tgt Ion:252 Resp: 501374

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 8.7 9.0 13.6#

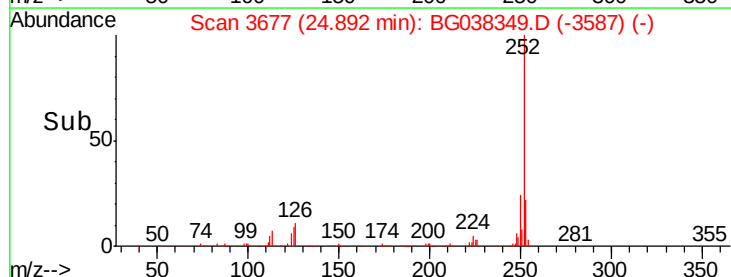
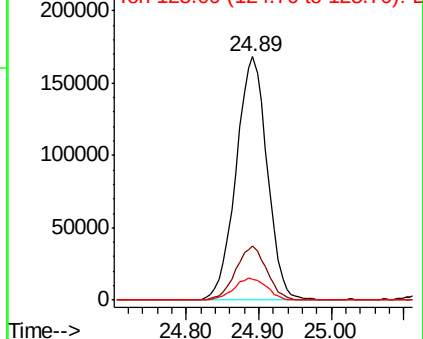


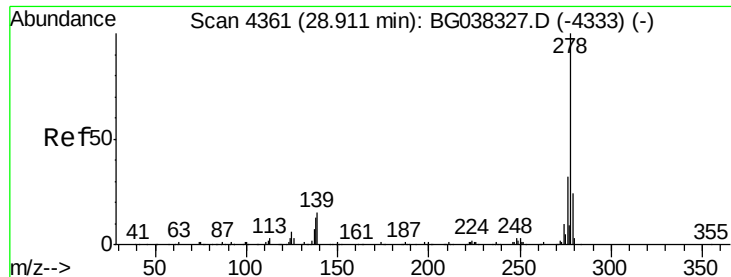
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.446 ng

RT: 28.91 min Scan# 4361

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampled :

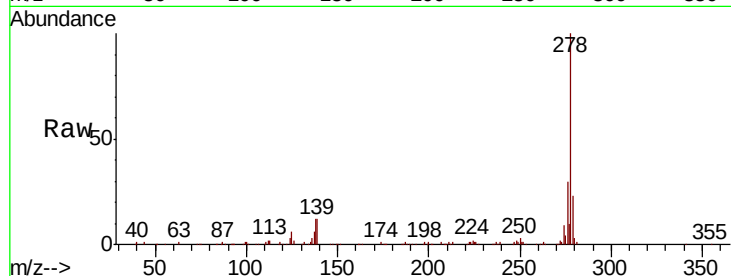
Tot Ion:278 Resp: 490272

Ion Ratio Lower Upper

278 100

139 11.7 11.5 17.3

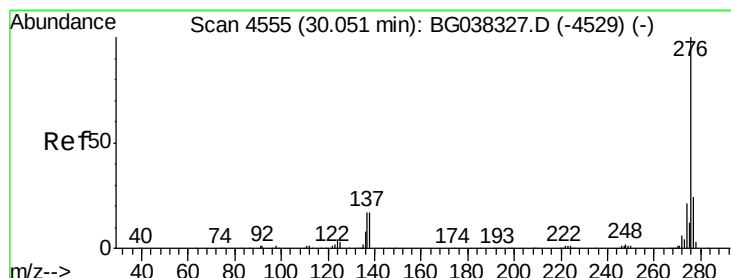
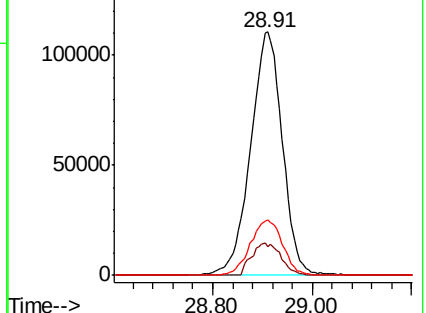
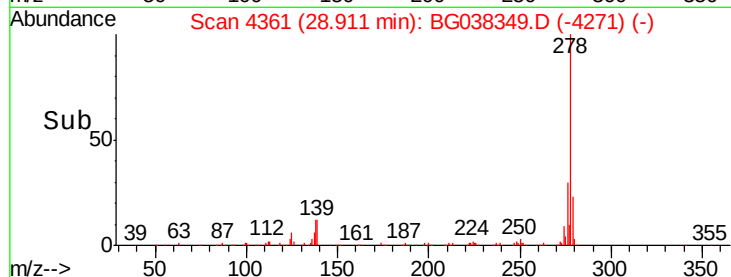
279 22.9 18.6 27.8



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: 39.133 ng

RT: 30.04 min Scan# 4554

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

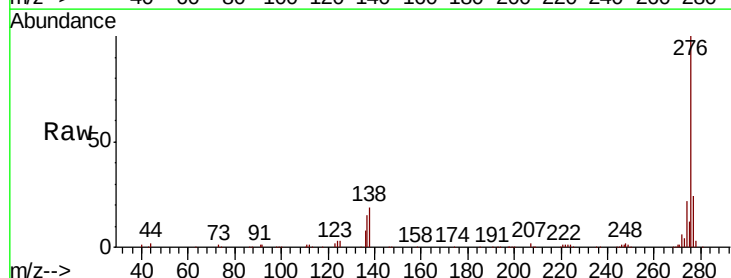
Tgt Ion:276 Resp: 482560

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 18.6 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

