

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038424.D
 Acq On : 8 Dec 2018 5:57
 Operator : JU/SJ
 Sample : PB115307BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Quant Time: Dec 10 02:51:11 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	8.06	152	36301	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	100914	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67666	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	171410	20.00	ng	0.00
76) Chrysene-d12	21.73	240	163836	20.00	ng	-0.01
87) Perylene-d12	25.04	264	168958	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	121714	59.33	ng	0.00
7) Phenol-d6	7.22	99	265076	89.41	ng	0.00
23) Nitrobenzene-d5	9.24	82	239359	117.76	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	78102	94.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	385388	81.16	ng	0.00
79) Terphenyl-d14	20.05	244	661670	86.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	16872	17.946	ng	# 84
3) Pyridine	3.90	79	85209	30.295	ng	96
4) n-Nitrosodimethylamine	3.82	42	45934	37.283	ng	97
6) Aniline	7.39	93	81741	21.586	ng	96
8) 2-Chlorophenol	7.63	128	75366	31.635	ng	99
9) Benzaldehyde	7.21	77	47223	25.153	ng	99
10) Phenol	7.25	94	132437	42.278	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	73278	28.563	ng	96
12) 1,3-Dichlorobenzene	7.95	146	106072	38.095	ng	98
13) 1,4-Dichlorobenzene	8.11	146	108925	37.809	ng	99
14) 1,2-Dichlorobenzene	8.42	146	103606	38.814	ng	97
15) Benzyl Alcohol	8.30	79	84875	34.820	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	197525	33.849	ng	99
17) 2-Methylphenol	8.50	107	97315	45.120	ng	96
18) Hexachloroethane	9.15	117	38597	37.120	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	83054	38.235	ng	97
20) 3+4-Methylphenols	8.83	107	137304	43.507	ng	98
22) Acetophenone	8.90	105	154889	65.226	ng	# 99
24) Nitrobenzene	9.29	77	118378	57.324	ng	95
25) Isophorone	9.80	82	146056	40.889	ng	98
26) 2-Nitrophenol	10.00	139	37436	39.124	ng	# 88
27) 2,4-Dimethylphenol	10.04	122	69838	50.815	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	86166	42.079	ng	99
29) 2,4-Dichlorophenol	10.53	162	72206	46.025	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	71766	38.969	ng	100
31) Naphthalene	10.94	128	204746	42.475	ng	98
32) Benzoic acid	10.18	122	30095	32.545	ng	94
33) 4-Chloroaniline	11.06	127	15484	7.256	ng	93
34) Hexachlorobutadiene	11.20	225	45234	39.261	ng	96
35) Caprolactam	11.83	113	18034	27.797	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	80575	46.225	ng	95
37) 2-Methylnaphthalene	12.54	142	154923	45.129	ng	96
38) 1-Methylnaphthalene	12.75	142	148808	45.259	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87860	37.734	ng	98

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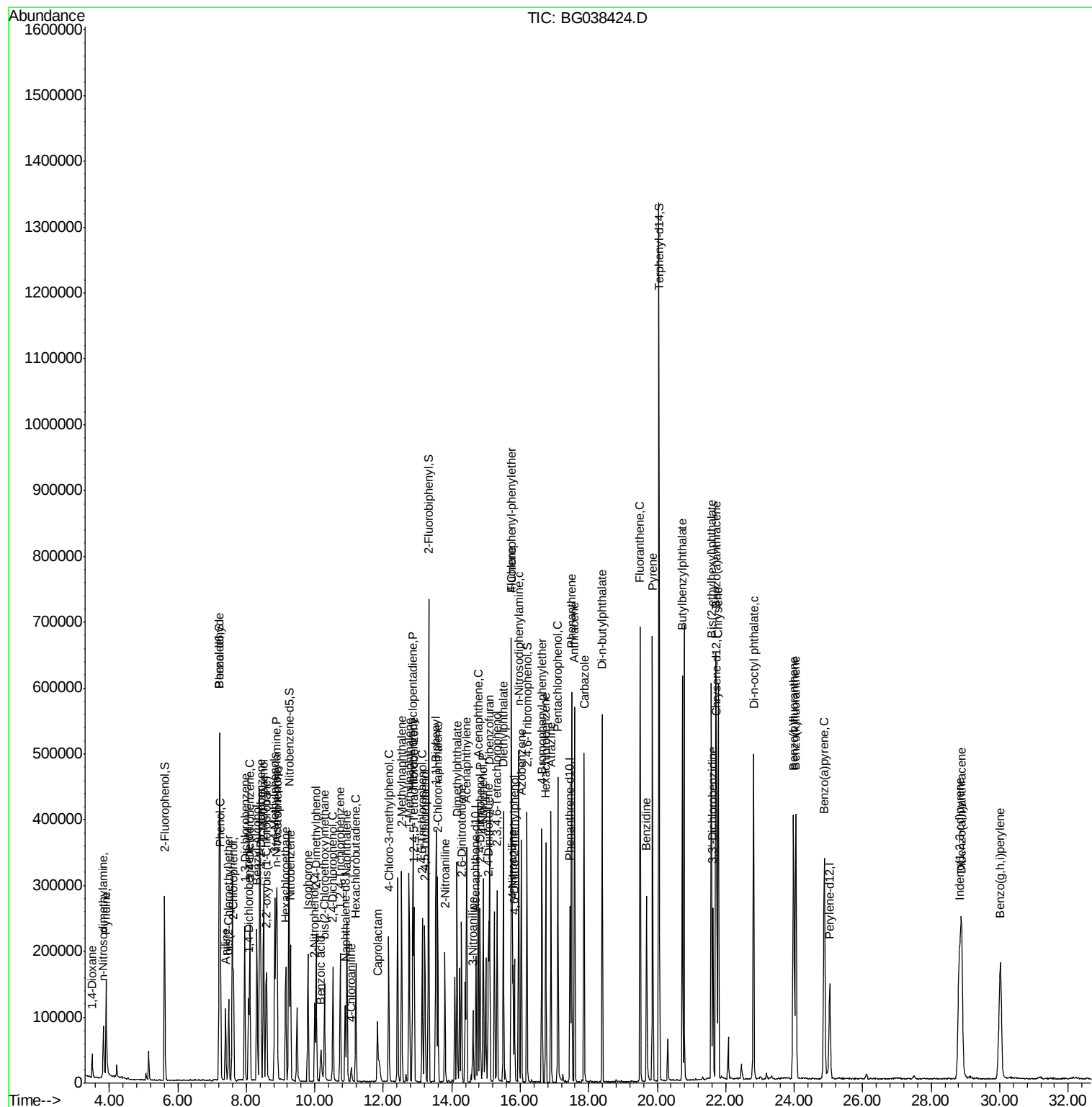
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	118328	92.477	ng	99
43) 2,4,6-Trichlorophenol	13.14	196	63482	42.088	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	70473	44.105	ng	96
46) 1,1'-Biphenyl	13.54	154	209457	36.620	ng	99
47) 2-Chloronaphthalene	13.59	162	163817	37.955	ng	99
48) 2-Nitroaniline	13.80	65	59150	40.849	ng	97
49) Acenaphthylene	14.43	152	278559	42.853	ng	98
50) Dimethylphthalate	14.15	163	226517	41.736	ng	100
51) 2,6-Dinitrotoluene	14.29	165	51425	41.479	ng	92
52) Acenaphthene	14.77	154	160288	40.448	ng	99
53) 3-Nitroaniline	14.62	138	28484	21.333	ng #	96
54) 2,4-Dinitrophenol	14.83	184	65233	95.985	ng #	84
55) Dibenzofuran	15.10	168	266974	40.751	ng	97
56) 4-Nitrophenol	14.92	139	81684	77.444	ng #	78
57) 2,4-Dinitrotoluene	15.07	165	75292	44.032	ng	97
58) Fluorene	15.75	166	215051	44.555	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	63832	45.996	ng	97
60) Diethylphthalate	15.51	149	239179	39.778	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	118137	40.749	ng	98
62) 4-Nitroaniline	15.78	138	53994	41.114	ng #	86
63) Azobenzene	16.03	77	211974	40.281	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	45434	40.454	ng	95
66) n-Nitrosodiphenylamine	15.95	169	200196	41.533	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	78273	42.286	ng	96
68) Hexachlorobenzene	16.75	284	80202	42.006	ng	94
69) Atrazine	16.89	200	78996	43.921	ng	99
70) Pentachlorophenol	17.09	266	94794	72.487	ng	97
71) Phenanthrene	17.49	178	379219	44.177	ng	98
72) Anthracene	17.59	178	385328	46.353	ng	99
73) Carbazole	17.86	167	345194	41.839	ng	98
74) Di-n-butylphthalate	18.39	149	416108	43.171	ng	97
75) Fluoranthene	19.50	202	466751	46.539	ng	97
77) Benzidine	19.69	184	185046	33.471	ng	100
78) Pyrene	19.86	202	460399	40.163	ng	98
80) Butylbenzylphthalate	20.73	149	184133	39.937	ng	97
81) Benzo(a)anthracene	21.71	228	433618	43.063	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	99475	25.395	ng	97
83) Chrysene	21.78	228	401209	42.105	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	255720	39.131	ng	99
85) Di-n-octyl phthalate	22.81	149	436270	38.934	ng	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	477756	44.117	ng #	95
88) Benzo(b)fluoranthene	23.98	252	422560	44.262	ng #	97
89) Benzo(k)fluoranthene	24.05	252	415489	43.698	ng #	97
90) Benzo(a)pyrene	24.88	252	410347	44.313	ng	97
91) Dibenzo(a,h)anthracene	28.89	278	389724	44.374	ng	97
92) Benzo(g,h,i)perylene	30.01	276	400677	45.982	ng #	94

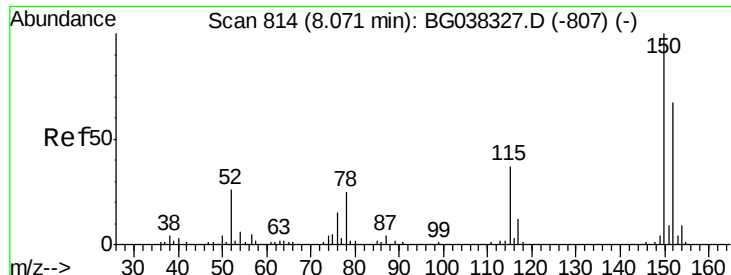
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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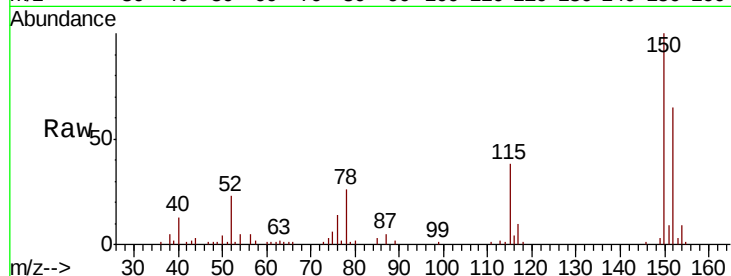




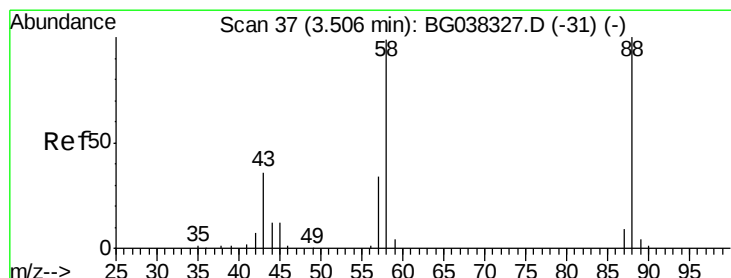
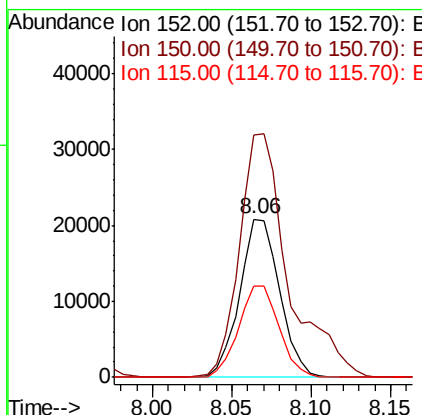
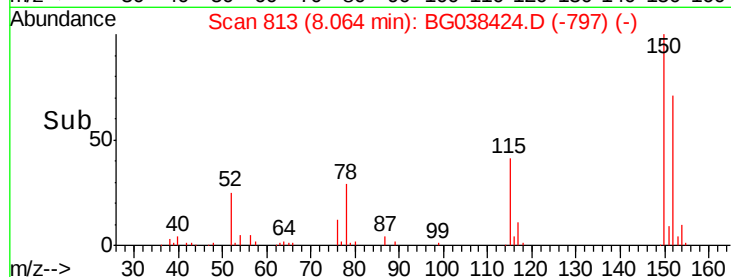
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion:152 Resp: 36301
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.0 189.0
 115 57.5 45.5 68.3

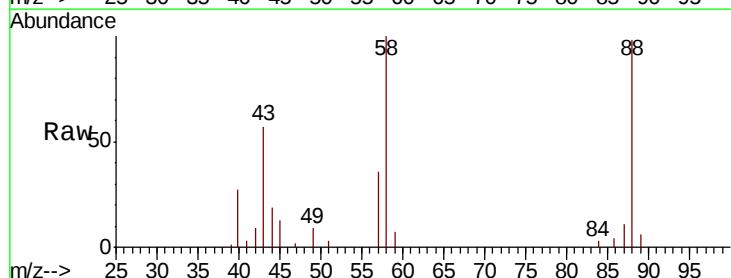


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

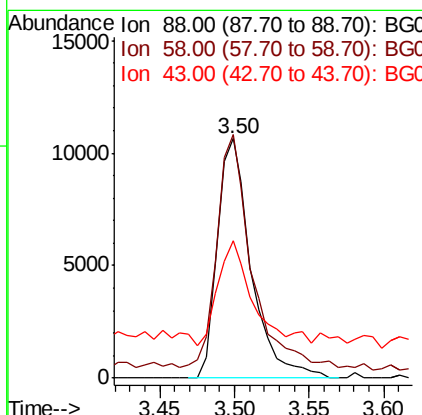
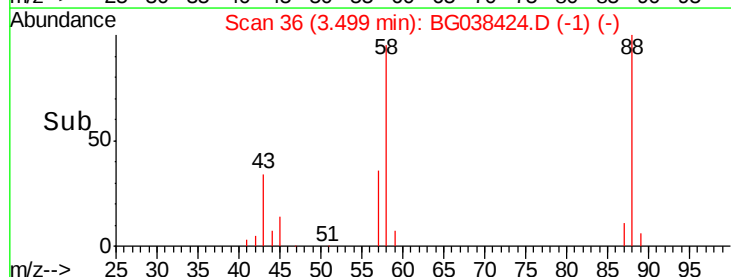


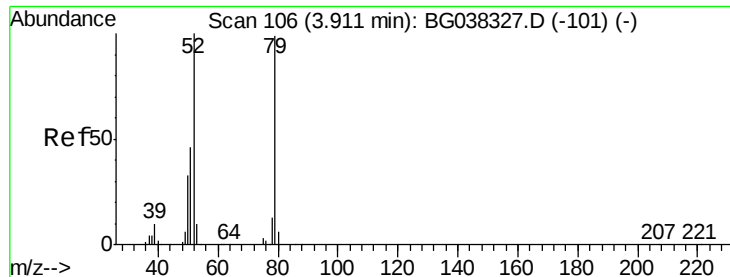
#2
 1,4-Dioxane
 Concen: 17.946 ng
 RT: 3.50 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion: 88 Resp: 16872
 Ion Ratio Lower Upper
 88 100
 58 105.4 74.4 111.6
 43 45.8 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

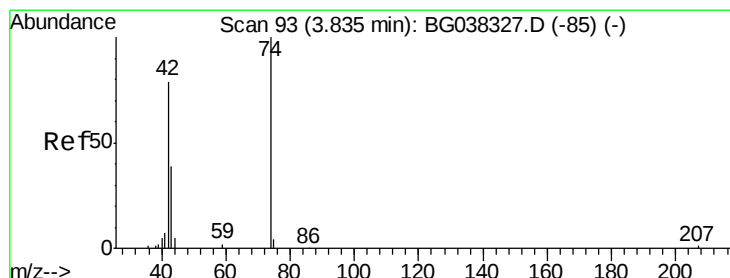
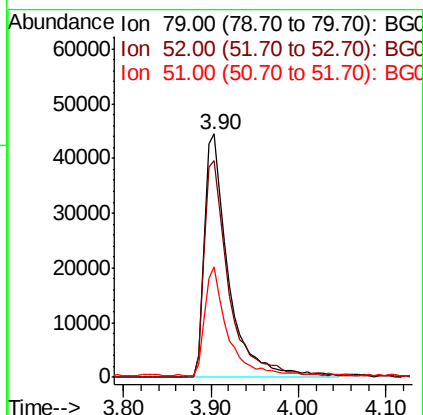
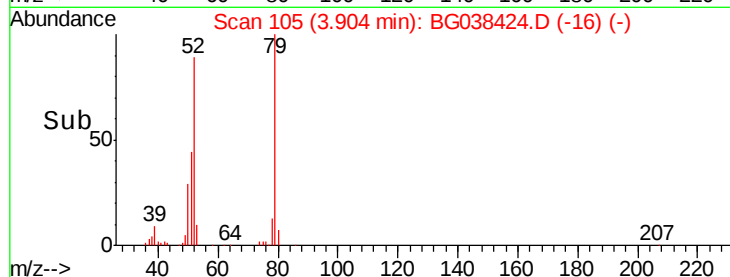
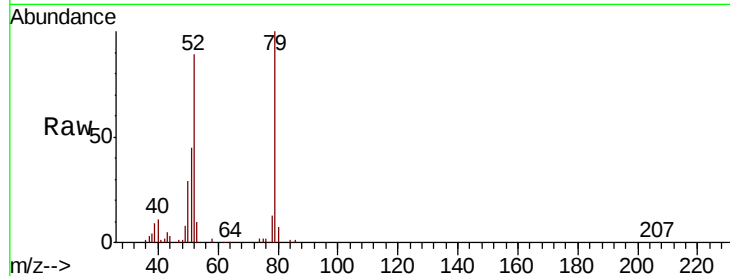




#3
 Pyridine
 Concen: 30.295 ng
 RT: 3.90 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

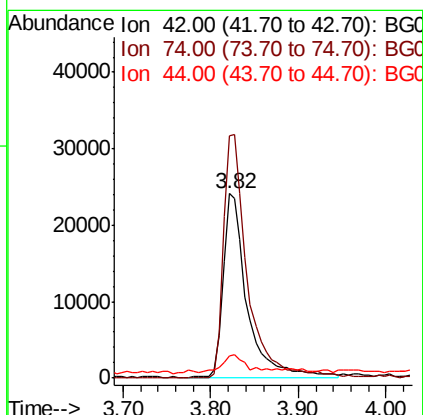
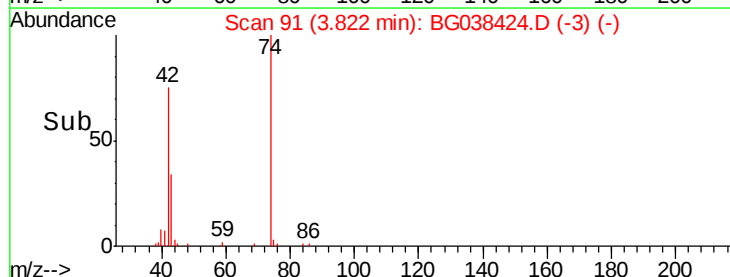
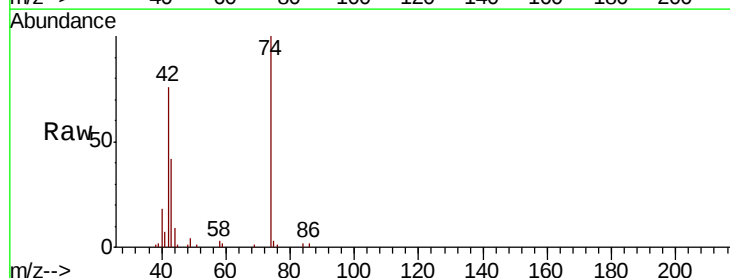
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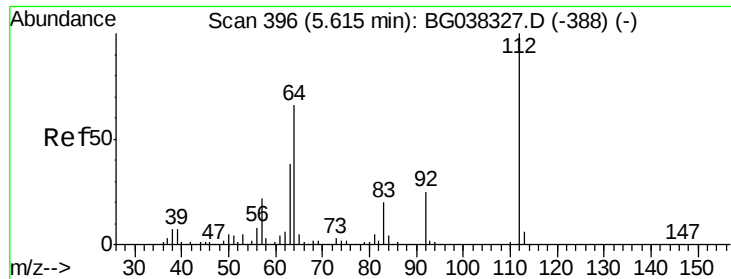
Tgt Ion: 79 Resp: 85209
 Ion Ratio Lower Upper
 79 100
 52 89.2 74.2 111.2
 51 45.4 34.6 51.8



#4
 n-Nitrosodimethylamine
 Concen: 37.283 ng
 RT: 3.82 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion: 42 Resp: 45934
 Ion Ratio Lower Upper
 42 100
 74 131.3 102.0 153.0
 44 12.1 9.6 14.4





#5

2-Fluorophenol

Concen: 59.335 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

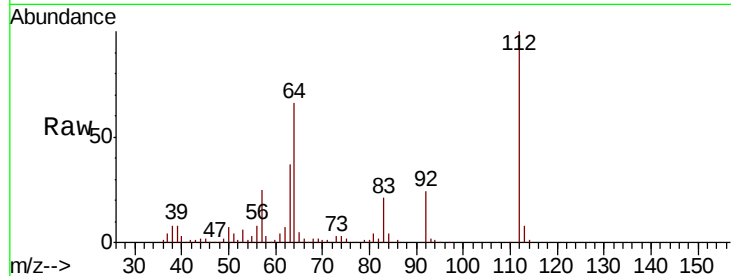
Tgt Ion: 112 Resp: 121714

Ion Ratio Lower Upper

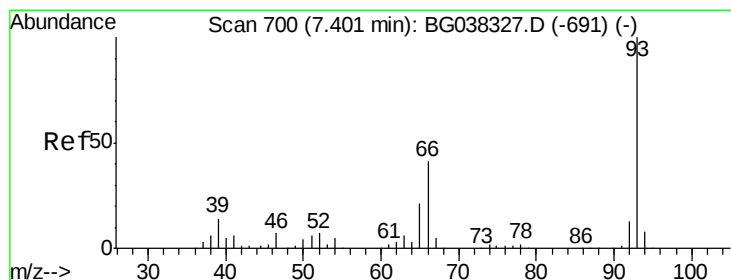
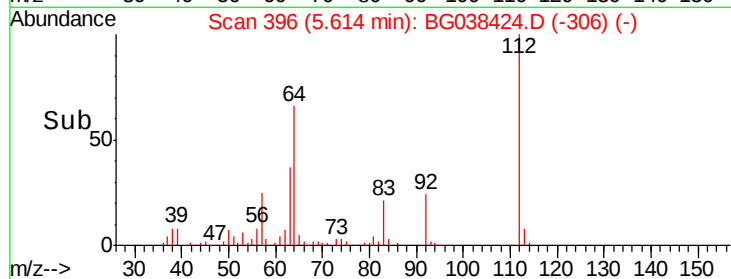
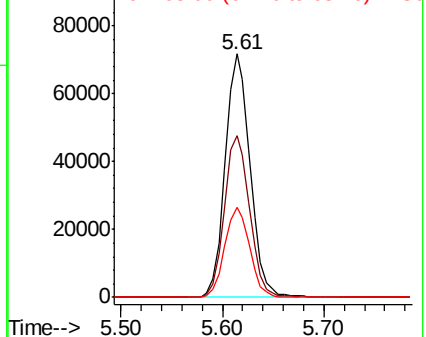
112 100

64 66.2 53.1 79.7

63 37.1 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: 21.586 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

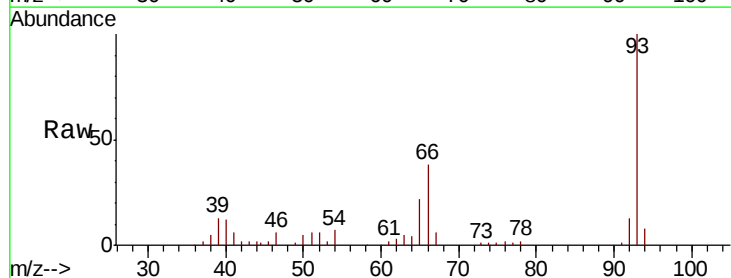
Tgt Ion: 93 Resp: 81741

Ion Ratio Lower Upper

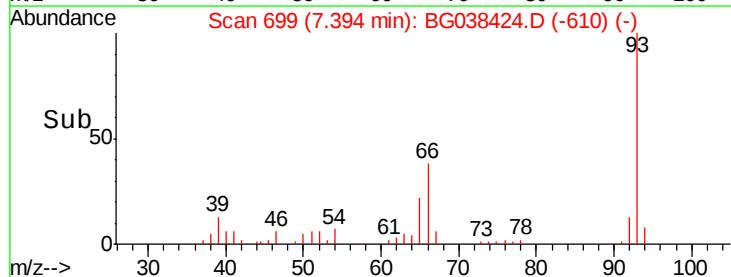
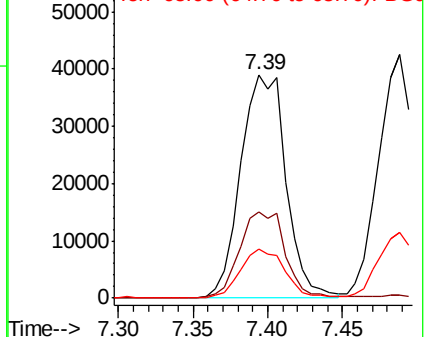
93 100

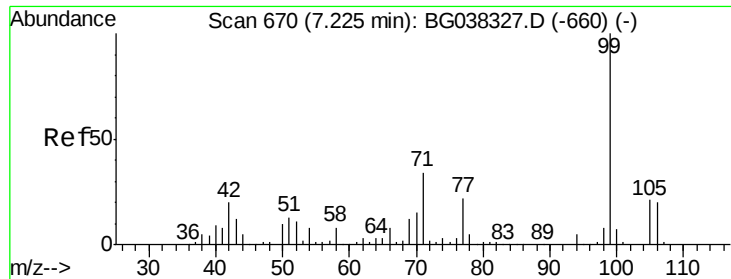
66 38.5 32.8 49.2

65 21.7 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: 89.406 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

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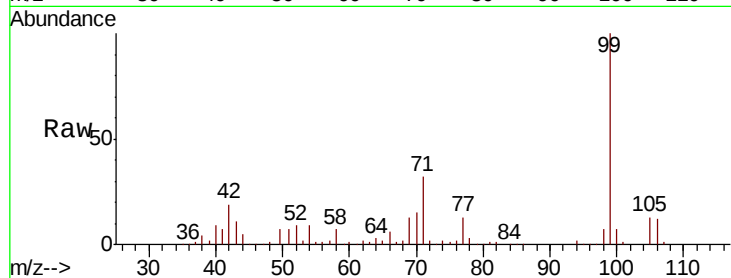
Tgt Ion: 99 Resp: 265076

Ion Ratio Lower Upper

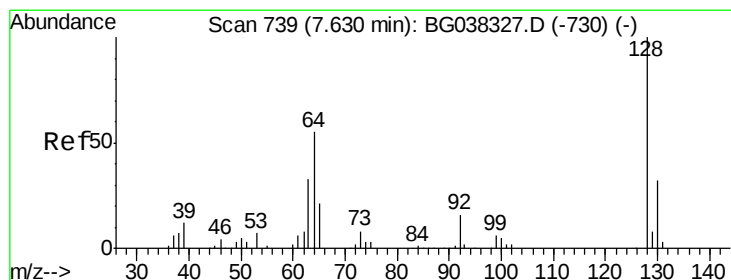
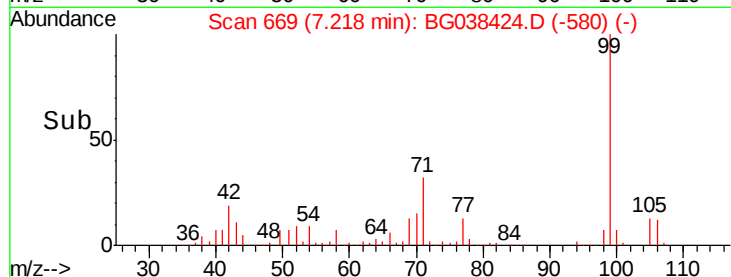
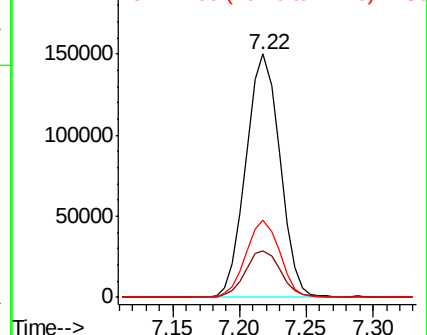
99 100

42 19.2 15.0 22.4

71 31.7 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: 31.635 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

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Acq: 8 Dec 2018 5:57

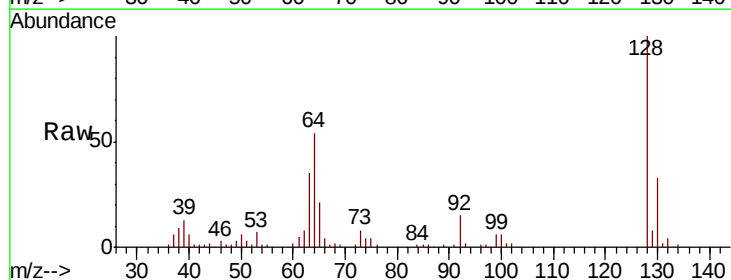
Tgt Ion: 128 Resp: 75366

Ion Ratio Lower Upper

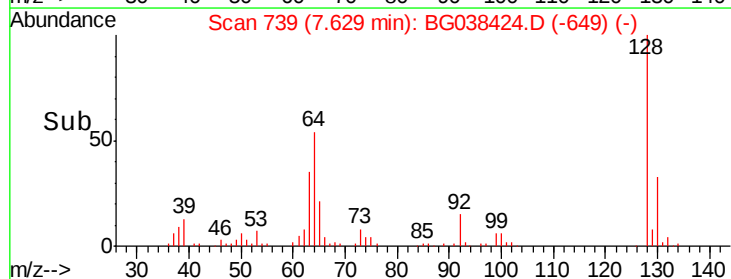
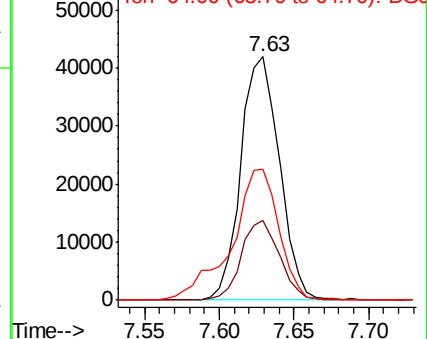
128 100

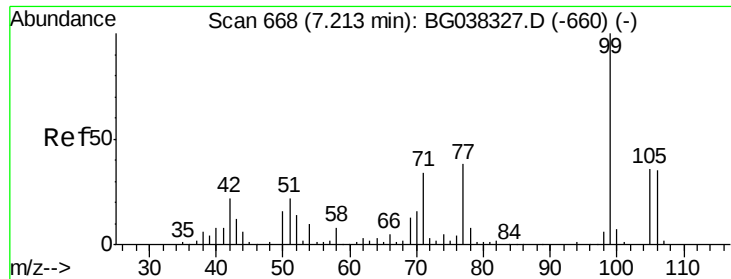
130 33.0 12.0 52.0

64 53.8 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: 25.153 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

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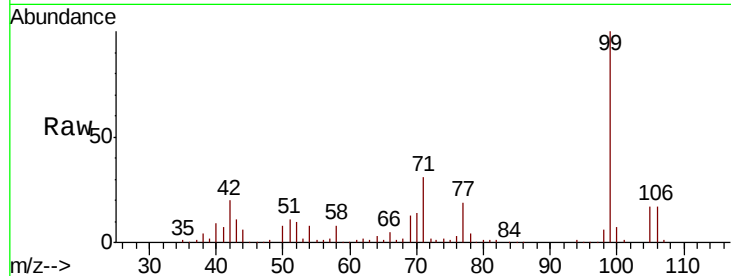
Tgt Ion: 77 Resp: 47223

Ion Ratio Lower Upper

77 100

105 94.0 72.6 112.6

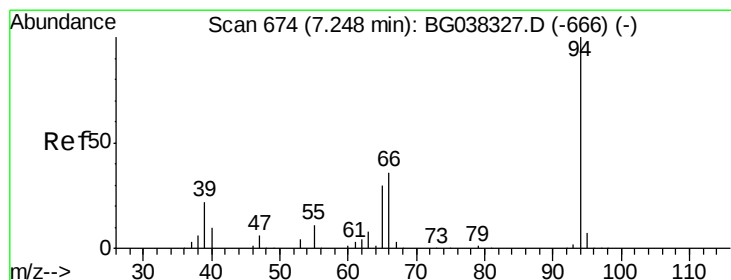
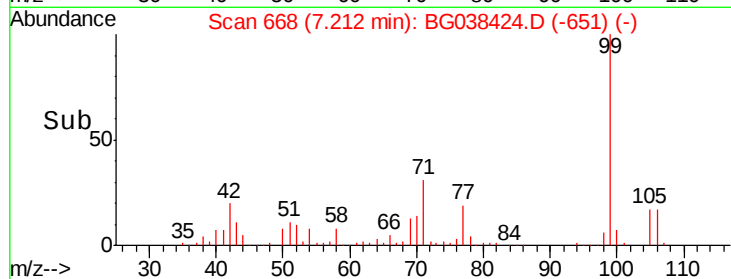
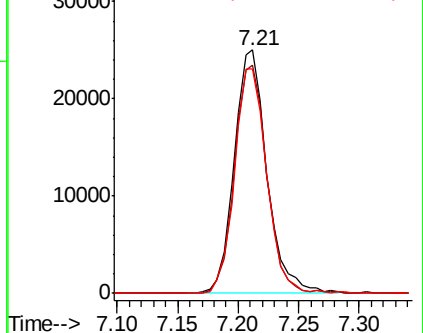
106 91.9 71.3 111.3



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: 42.278 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

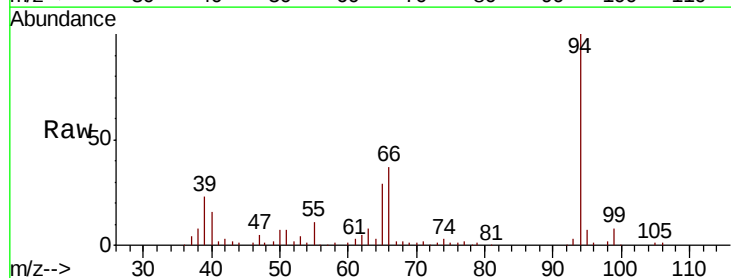
Tgt Ion: 94 Resp: 132437

Ion Ratio Lower Upper

94 100

65 28.8 9.7 49.7

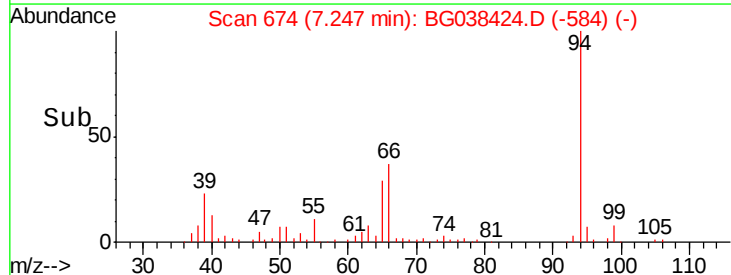
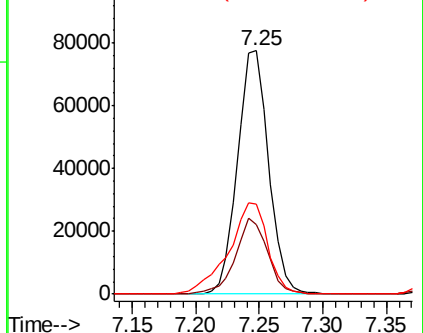
66 37.2 15.9 55.9

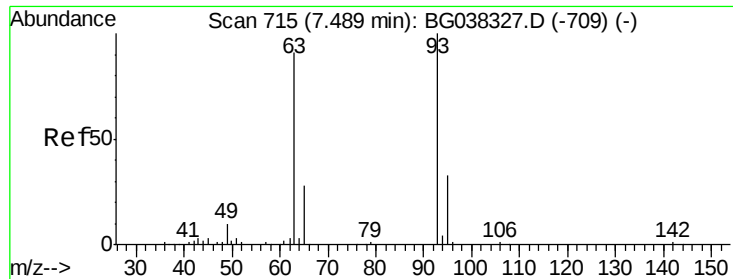


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

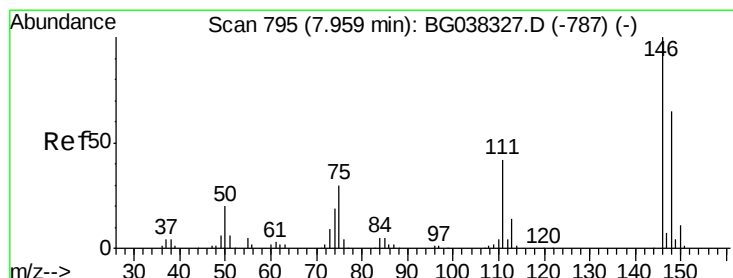
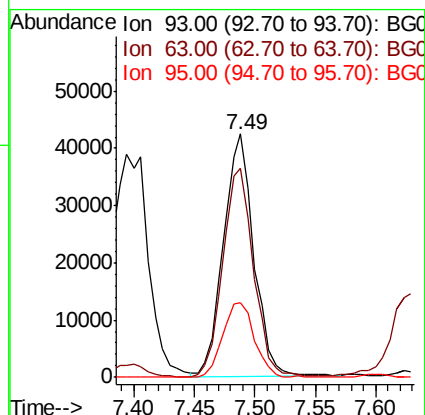
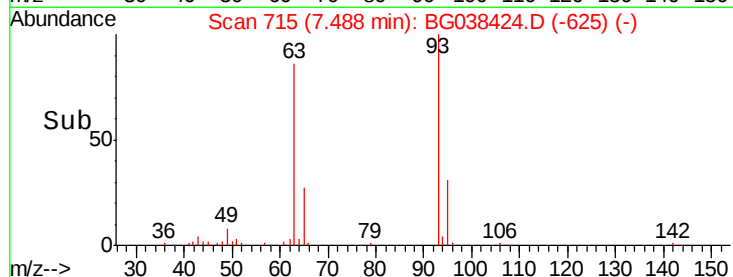
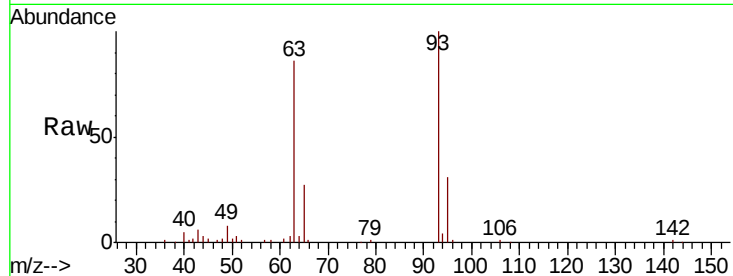




#11
bis(2-Chloroethyl)ether
Concen: 28.563 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

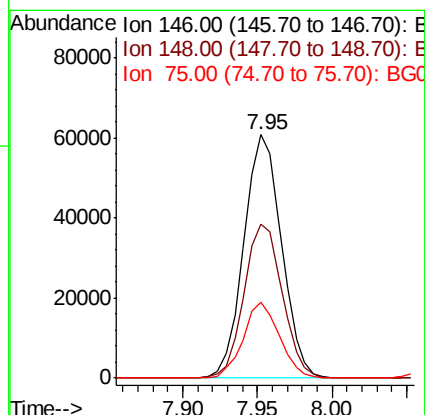
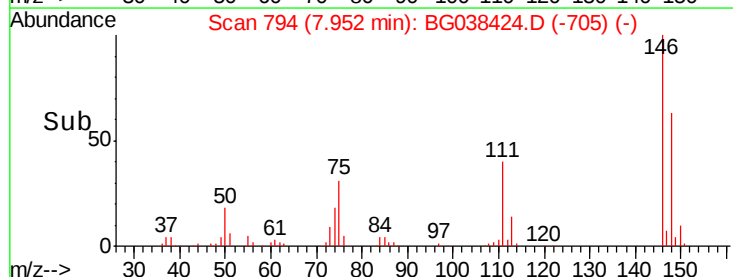
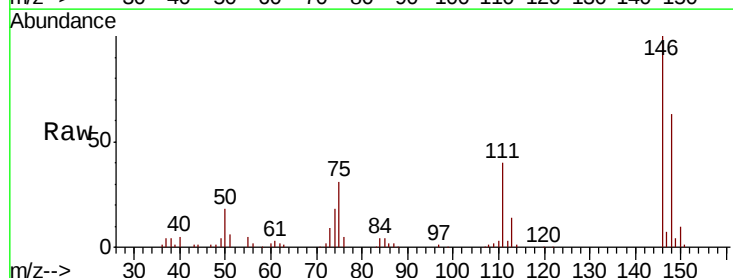
Instrument :
BNA_G
ClientSampleId :
PB115307BSD

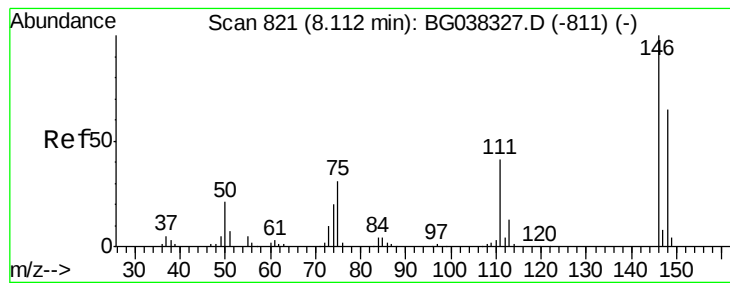
Tgt Ion: 93 Resp: 73278
Ion Ratio Lower Upper
93 100
63 86.0 69.5 109.5
95 30.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.095 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion: 146 Resp: 106072
Ion Ratio Lower Upper
146 100
148 63.3 49.8 74.8
75 31.3 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 37.809 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

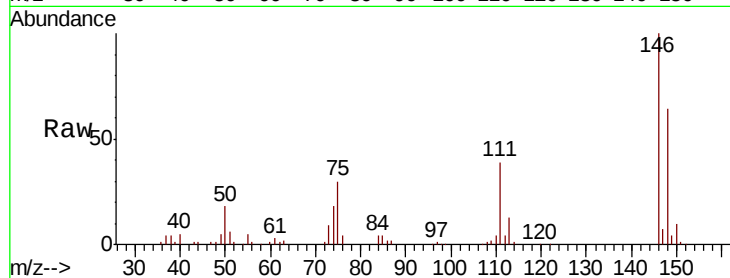
Tgt Ion:146 Resp: 108925

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

111 39.2 32.4 48.6

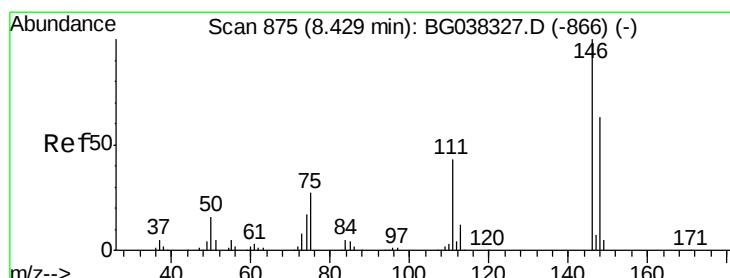
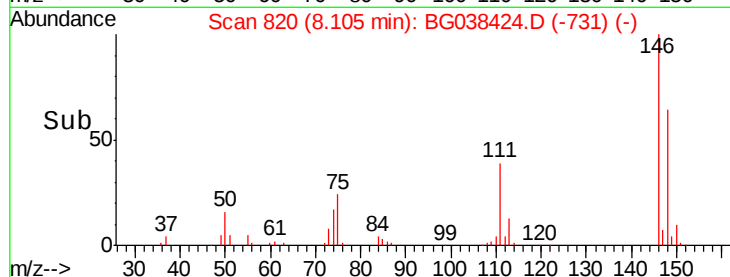
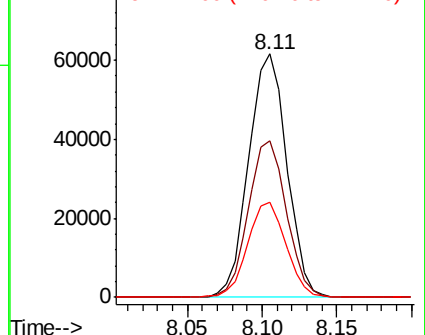


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.814 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

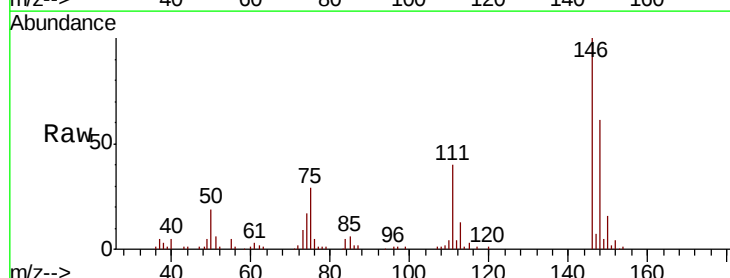
Tgt Ion:146 Resp: 103606

Ion Ratio Lower Upper

146 100

148 61.4 50.4 75.6

111 39.8 34.6 51.8

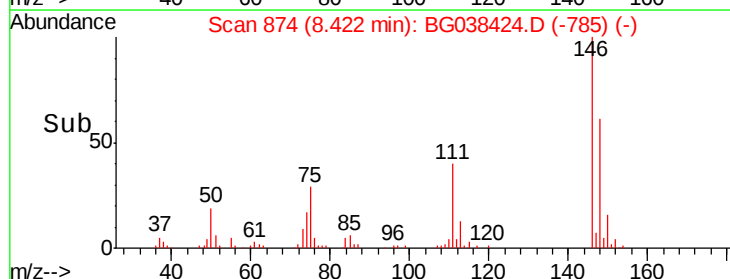
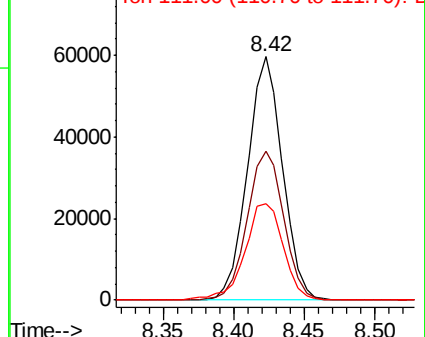


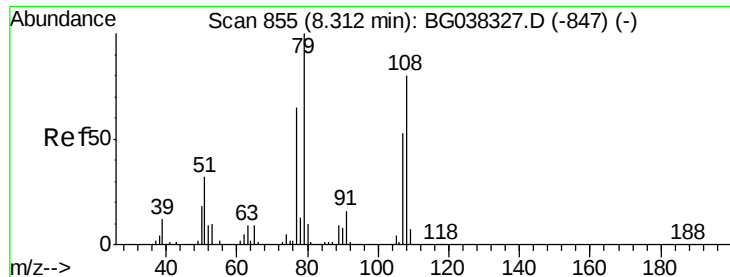
Abundance

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: 34.820 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

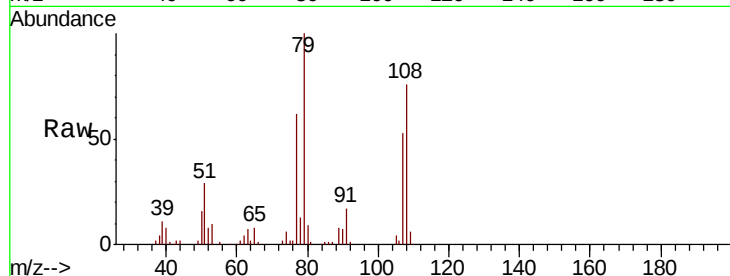
Tgt Ion: 79 Resp: 84875

Ion Ratio Lower Upper

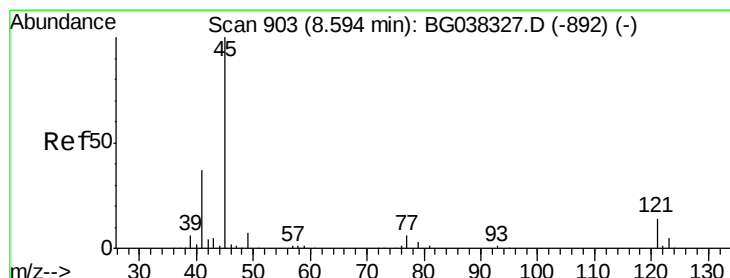
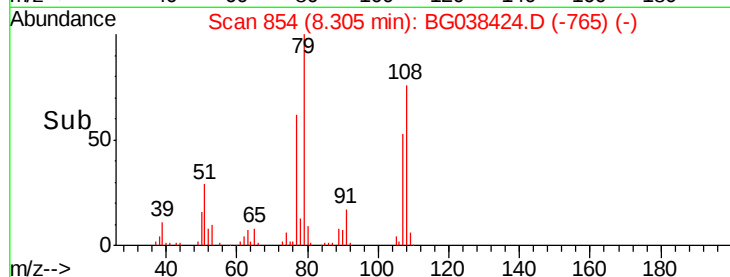
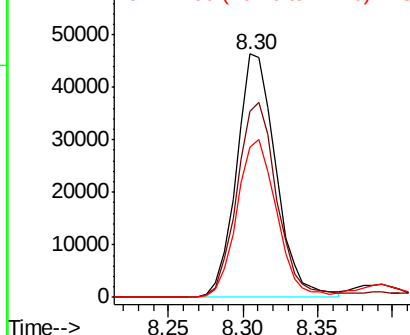
79 100

108 76.2 65.8 98.8

77 61.6 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: 33.849 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

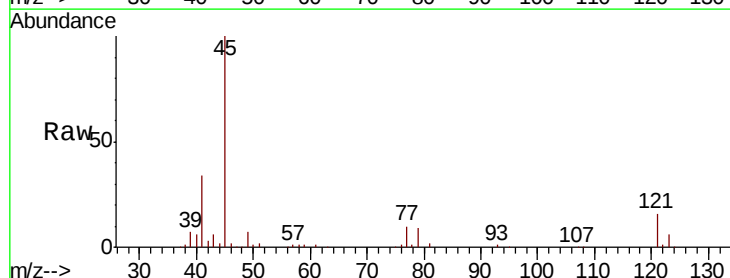
Tgt Ion: 45 Resp: 197525

Ion Ratio Lower Upper

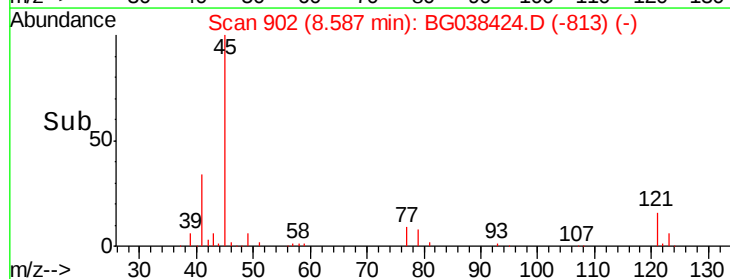
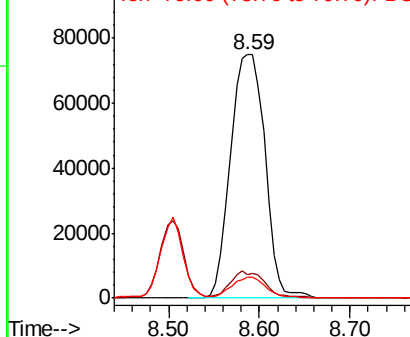
45 100

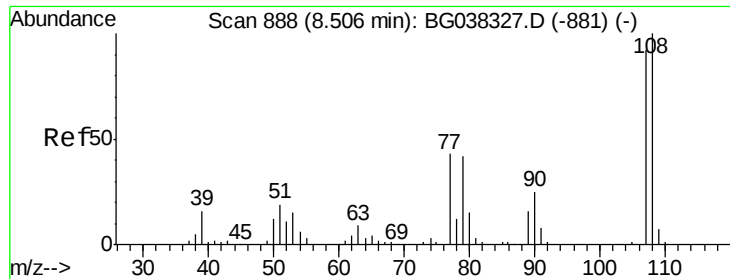
77 9.7 0.0 30.0

79 8.5 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

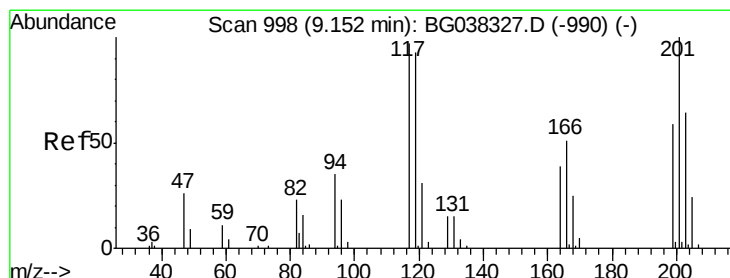
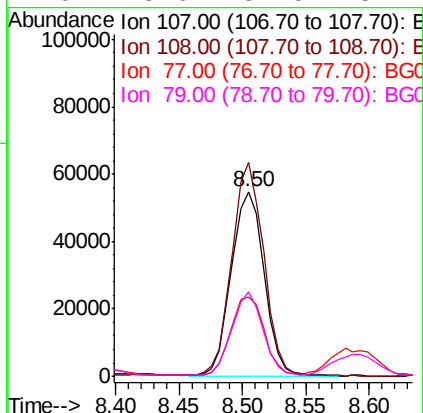
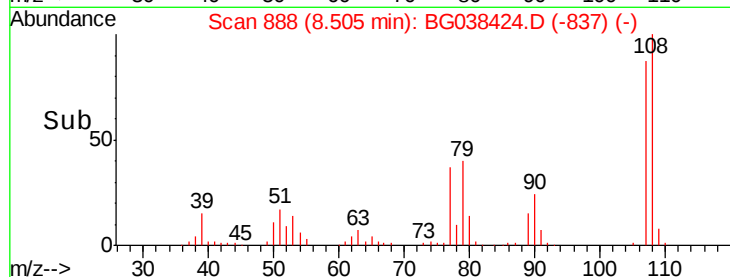
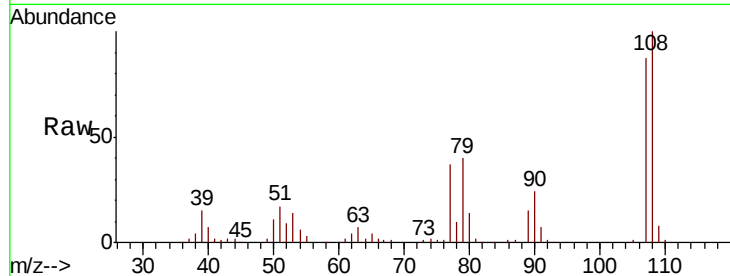




#17
2-Methylphenol
Concen: 45.120 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

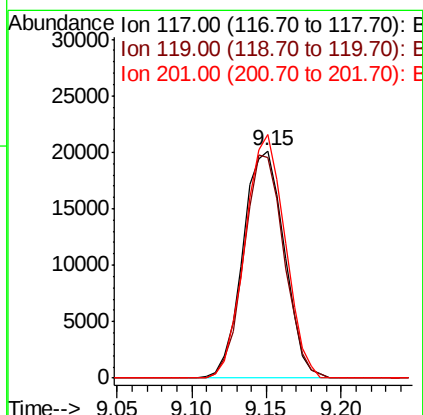
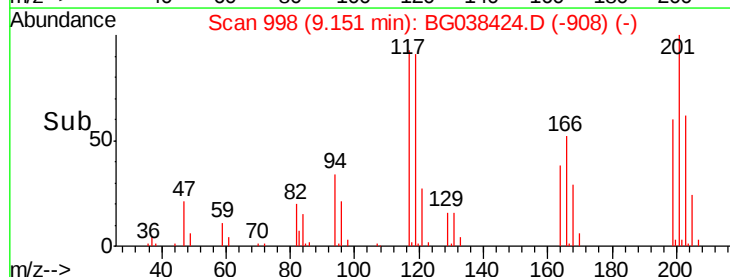
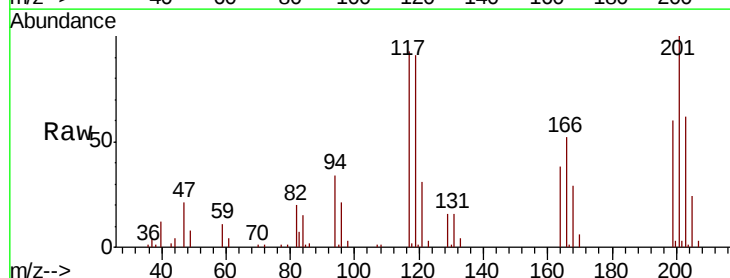
Instrument :
BNA_G
ClientSampleId :
PB115307BSD

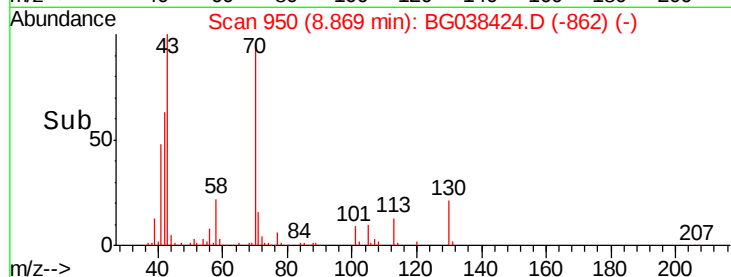
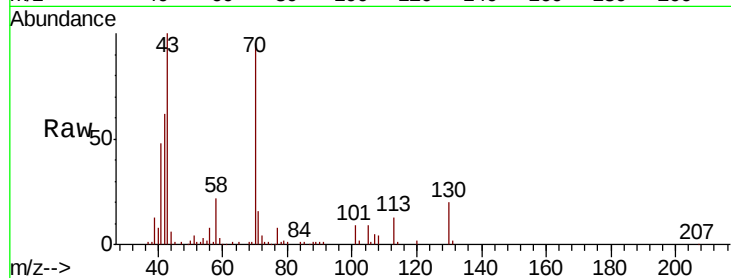
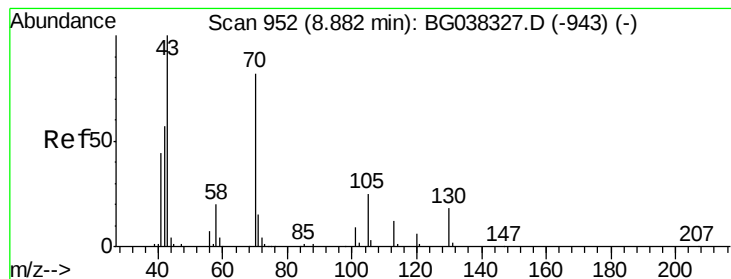
Tgt Ion:	107	Resp:	97315
Ion	Ratio	Lower	Upper
107	100		
108	115.5	87.9	131.9
77	43.1	35.1	52.7
79	45.6	34.5	51.7



#18
Hexachloroethane
Concen: 37.120 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:	117	Resp:	38597
Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.6	111.8
201	107.2	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.235 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

Tgt Ion: 70 Resp: 83054

Ion Ratio Lower Upper

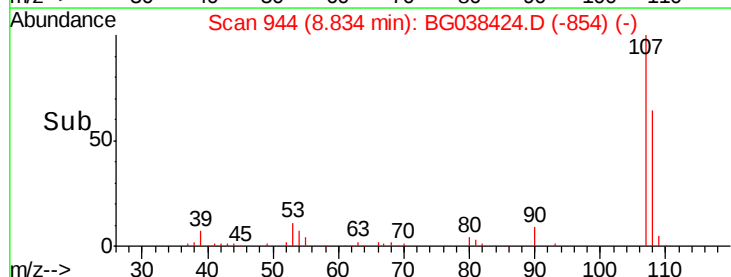
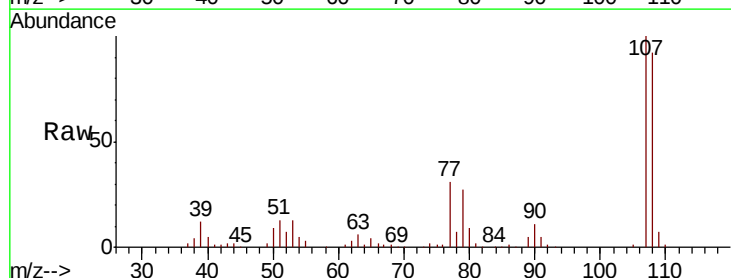
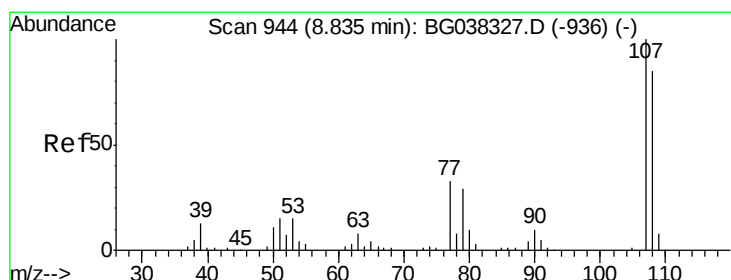
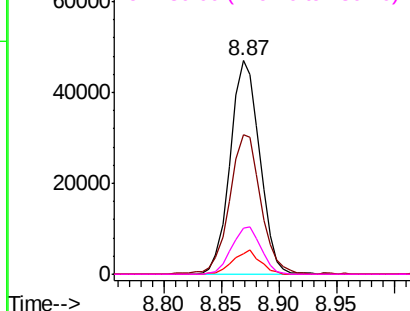
70 100

42 65.3 53.9 80.9

101 9.4 8.2 12.2

130 21.4 18.2 27.4

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



#20

3+4-Methylphenols

Concen: 43.507 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion: 107 Resp: 137304

Ion Ratio Lower Upper

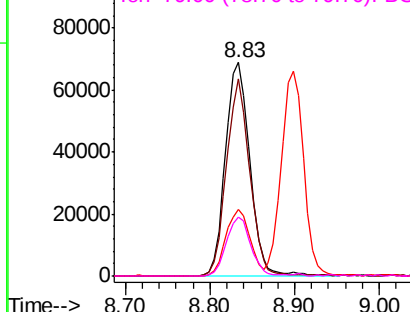
107 100

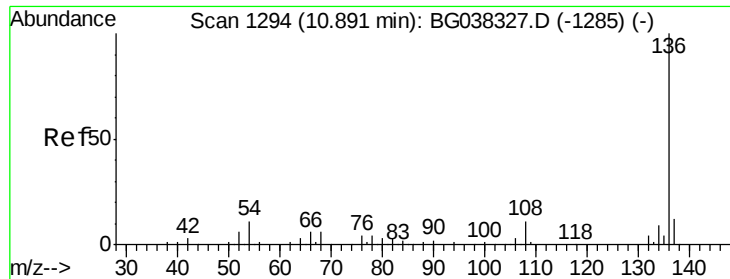
108 92.0 69.9 109.9

77 31.2 11.2 51.2

79 27.3 6.6 46.6

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

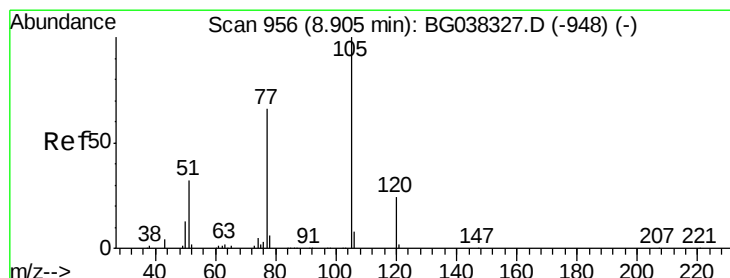
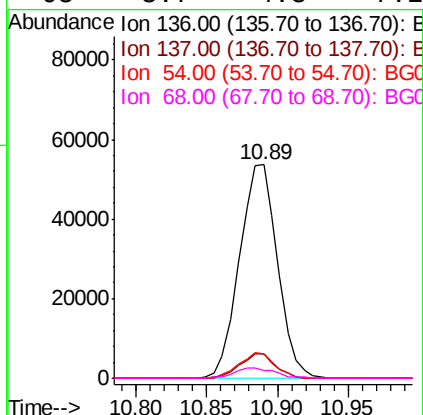
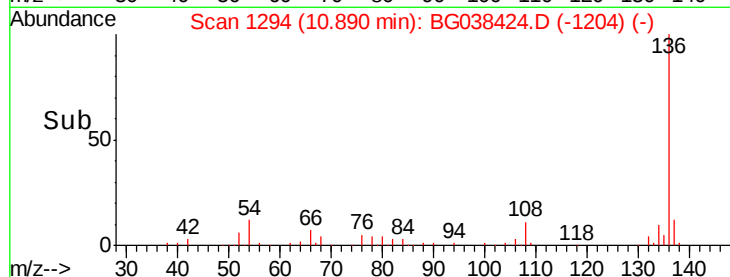
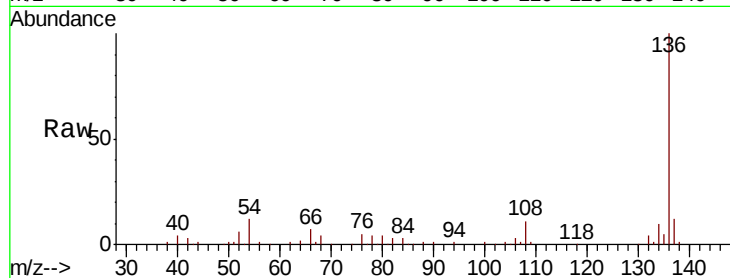




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

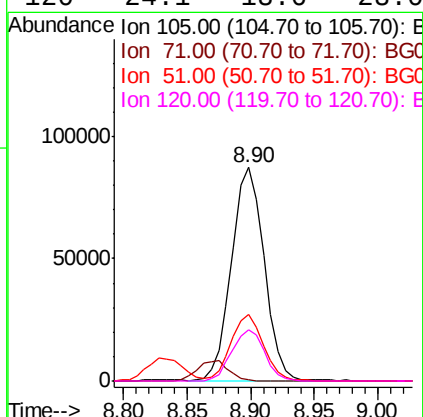
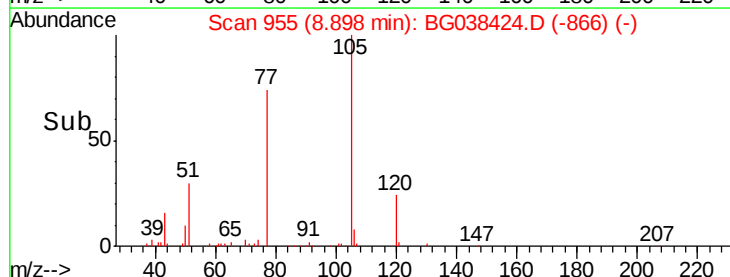
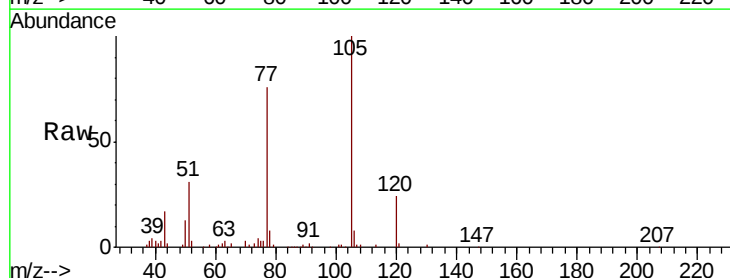
Instrument :
BNA_G
ClientSampleId :
PB115307BSD

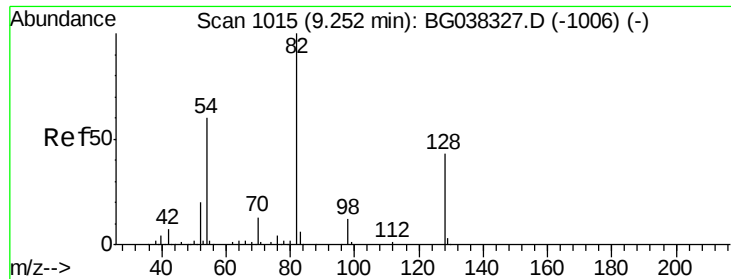
Tgt Ion:	136	Resp:	100914
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.6	7.9	11.9
68	3.7	4.8	7.2#



#22
Acetophenone
Concen: 65.226 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:	105	Resp:	154889
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	30.9	25.0	37.6
120	24.1	18.6	28.0

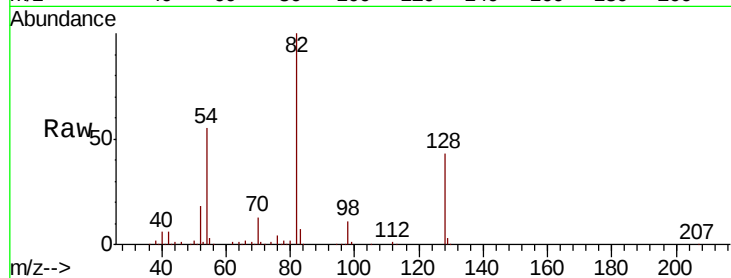




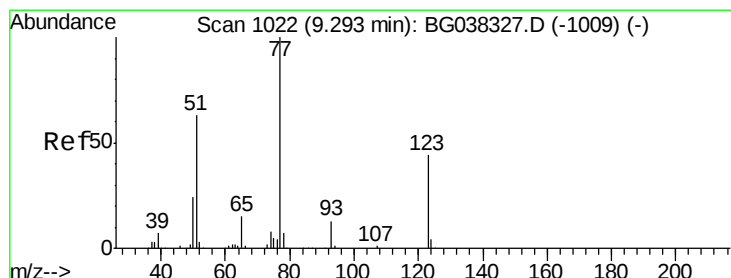
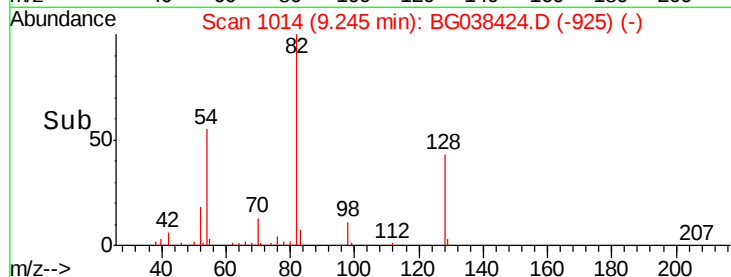
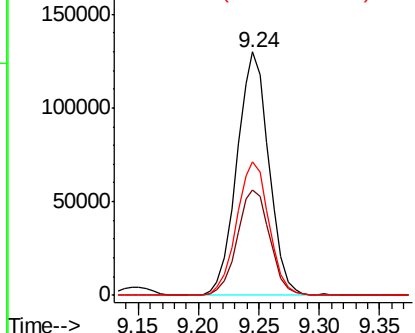
#23
 Nitrobenzene-d5
 Concen: 117.760 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	54.8	45.3	67.9

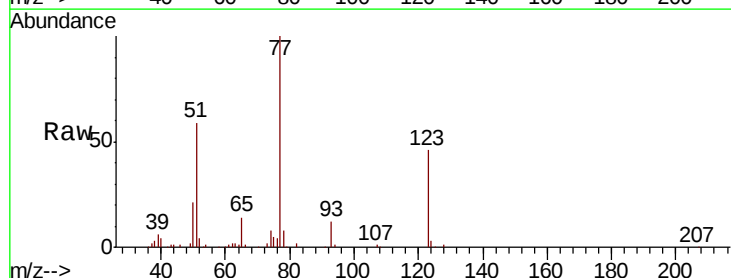


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

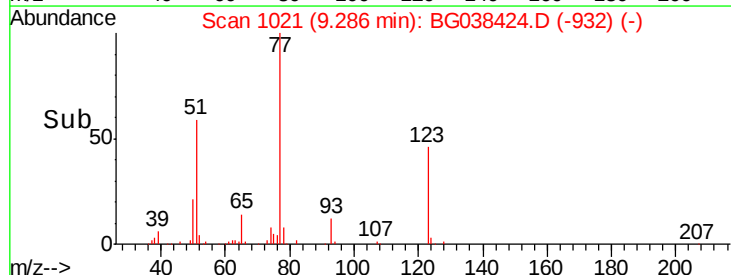
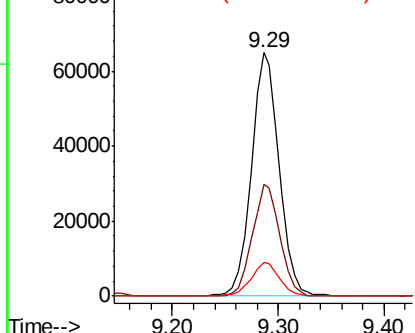


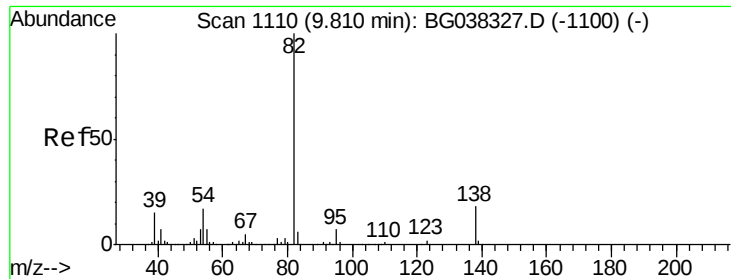
#24
 Nitrobenzene
 Concen: 57.324 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.6	50.4
65	13.9	11.3	16.9



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

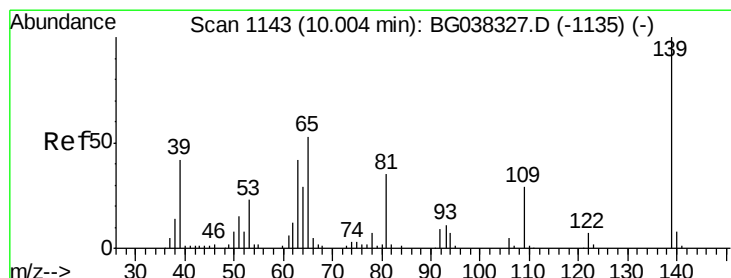
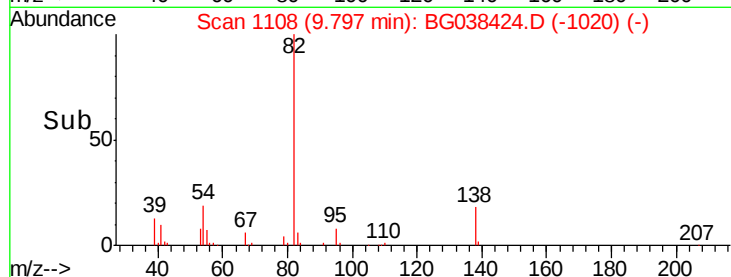
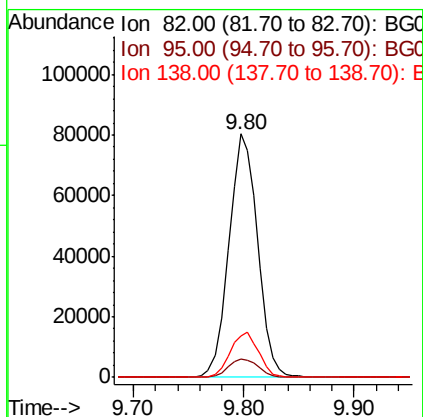
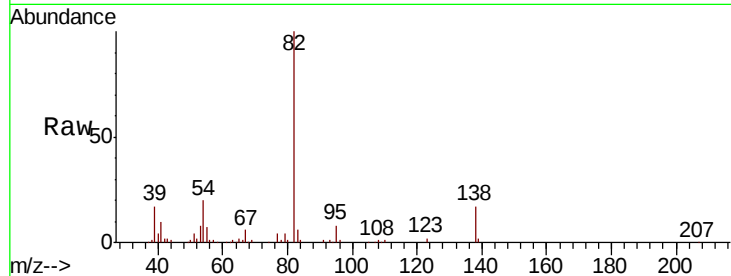




#25
Isophorone
Concen: 40.889 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

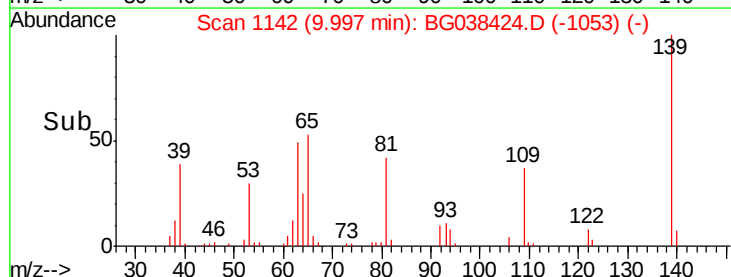
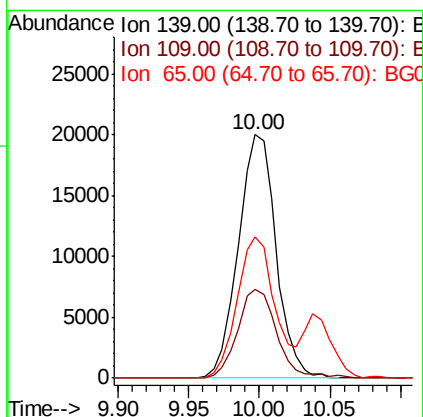
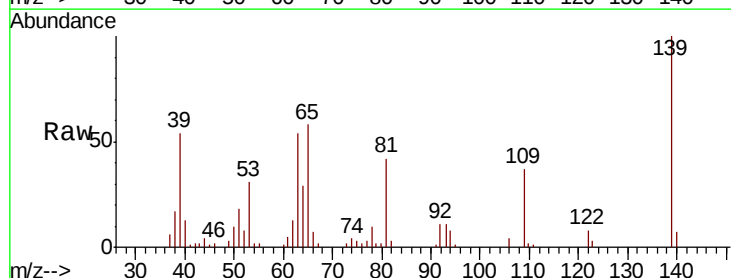
Instrument :
BNA_G
ClientSampleId :
PB115307BSD

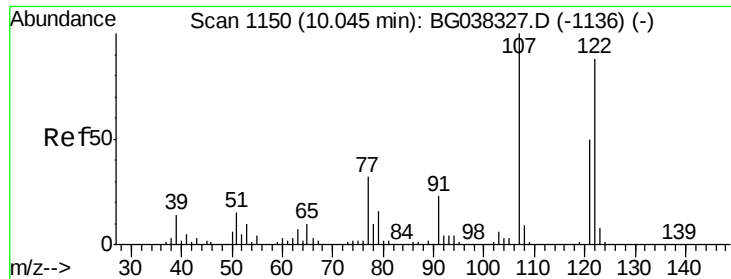
Tgt Ion: 82 Resp: 146056
Ion Ratio Lower Upper
82 100
95 7.8 5.3 7.9
138 17.2 13.3 19.9



#26
2-Nitrophenol
Concen: 39.124 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion: 139 Resp: 37436
Ion Ratio Lower Upper
139 100
109 36.6 23.3 34.9#
65 57.7 39.8 59.8

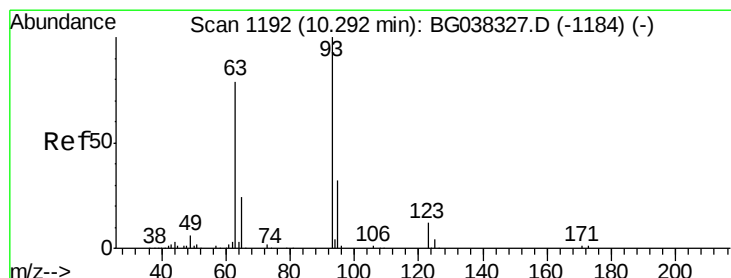
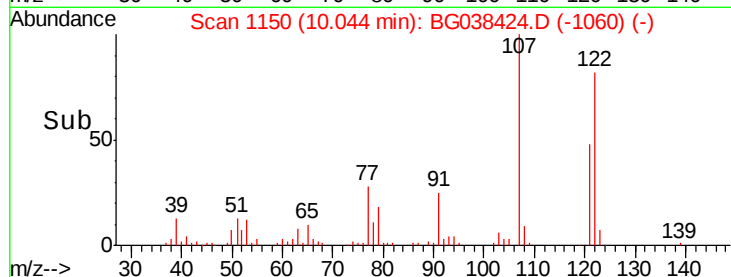
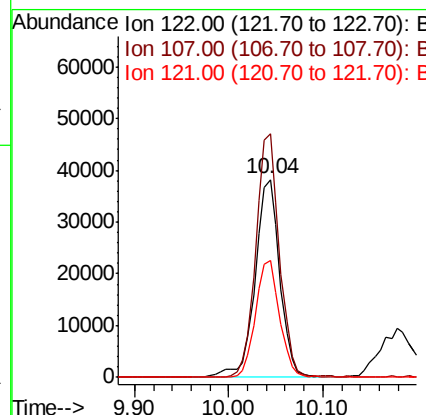
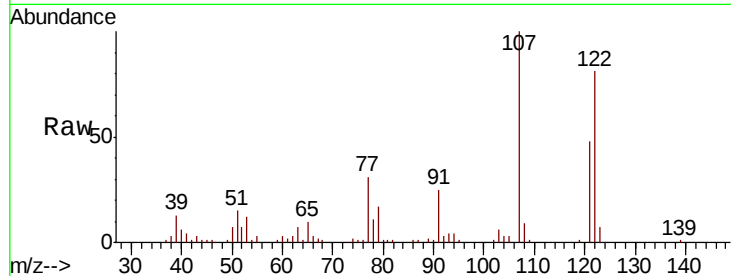




#27
 2,4-Dimethylphenol
 Concen: 50.815 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

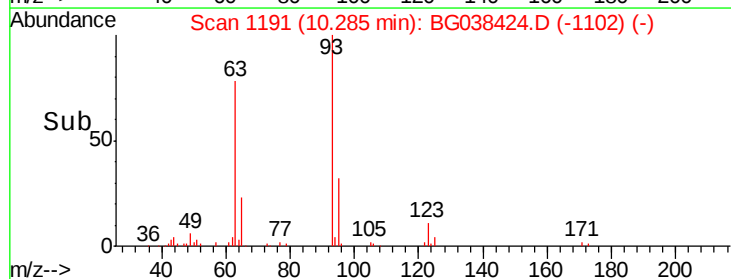
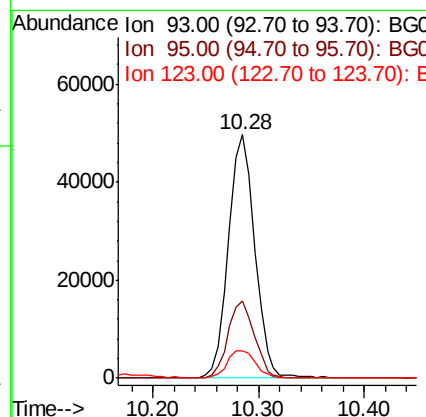
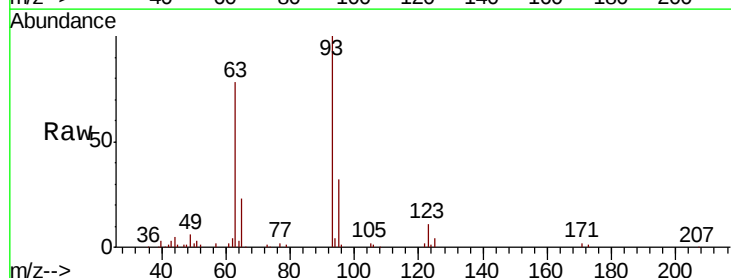
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

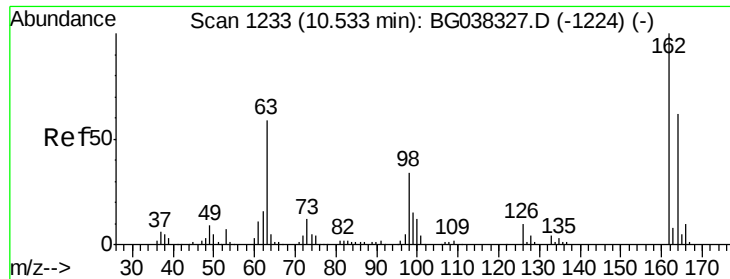
Tgt Ion:122 Resp: 69838
 Ion Ratio Lower Upper
 122 100
 107 123.0 94.2 141.2
 121 59.3 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.079 ng
 RT: 10.28 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion: 93 Resp: 86166
 Ion Ratio Lower Upper
 93 100
 95 31.9 24.6 37.0
 123 11.4 9.1 13.7

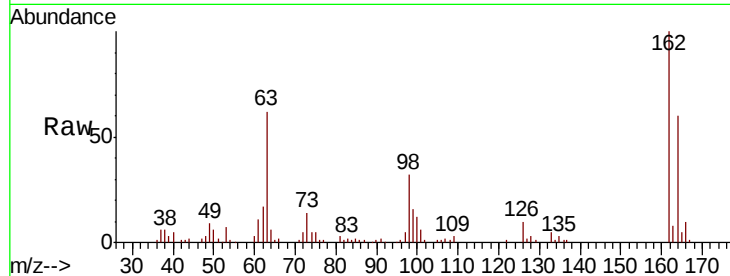




#29
 2,4-Dichlorophenol
 Concen: 46.025 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.5	43.2	83.2
98	32.2	16.0	56.0

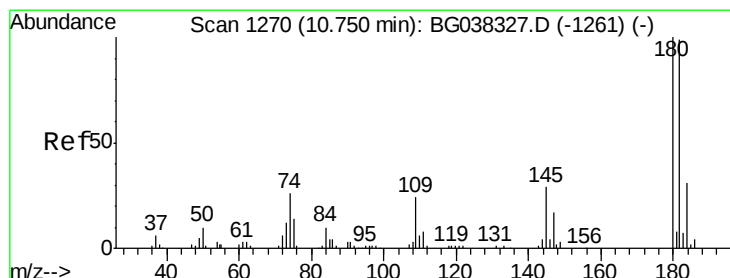
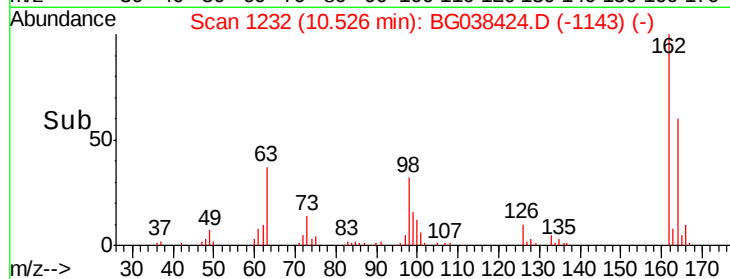
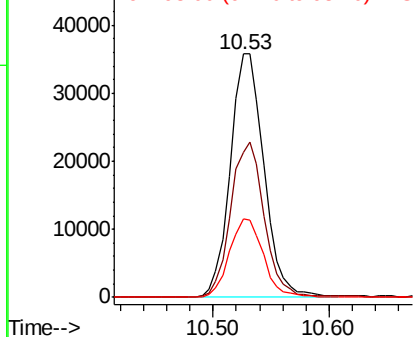


Abundance

Ion 162.00 (161.70 to 162.70): E

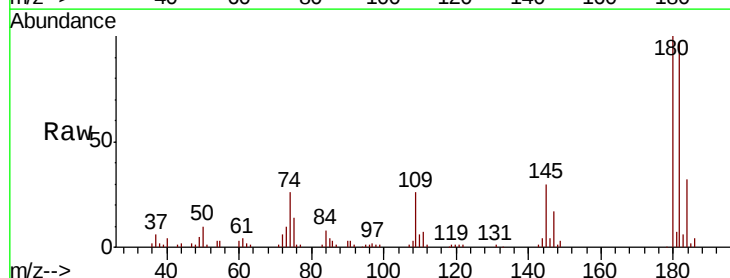
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.969 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.7	116.5
145	29.5	23.3	34.9

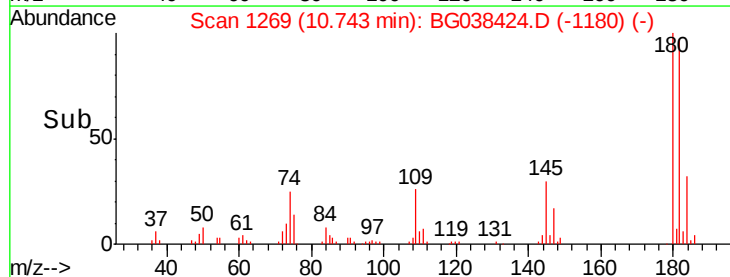
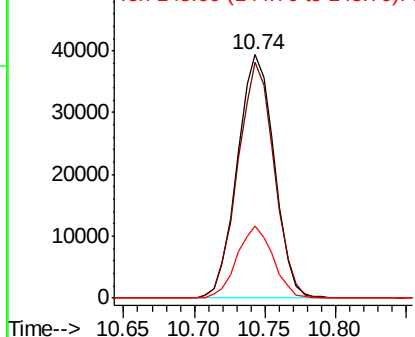


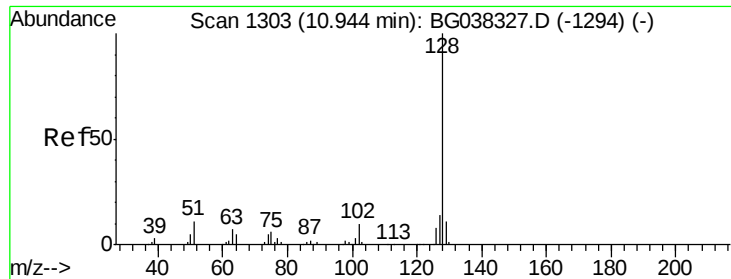
Abundance

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

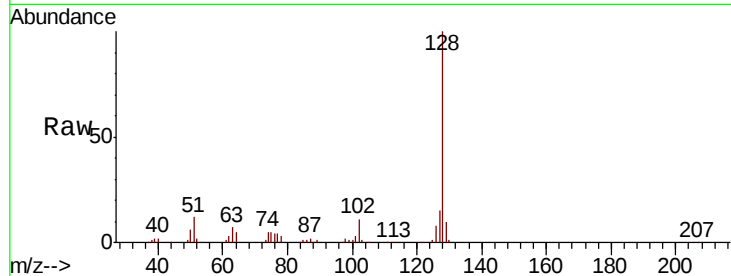




#31
Naphthalene
Concen: 42.475 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	14.8	11.1	16.7

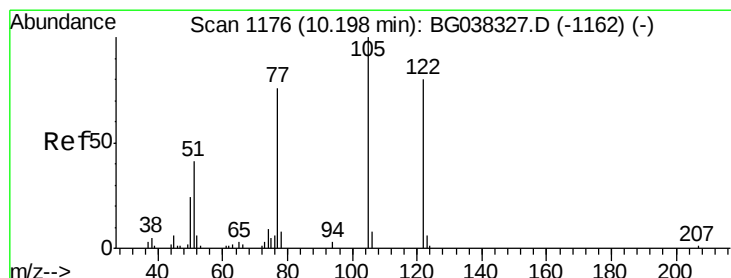
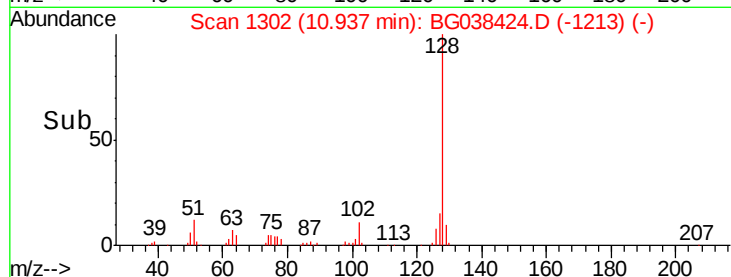
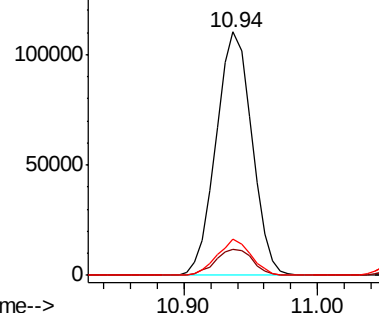


Abundance

Ion 128.00 (127.70 to 128.70): E

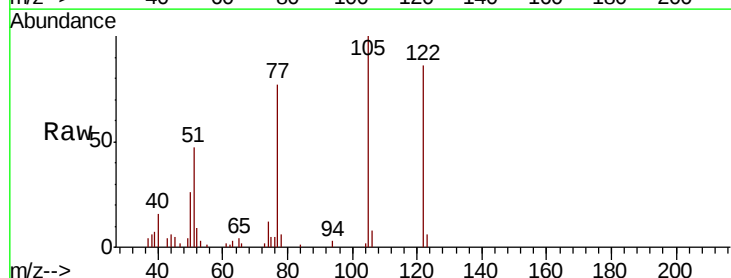
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.545 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	106.7	146.7
77	89.8	72.2	112.2

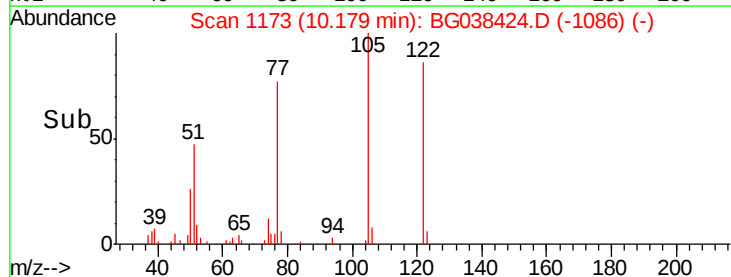
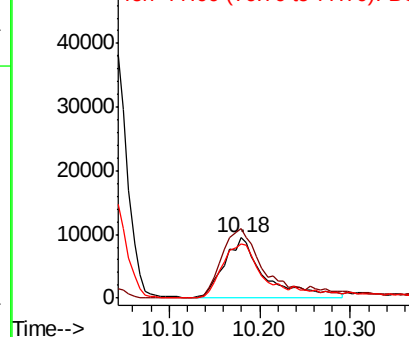


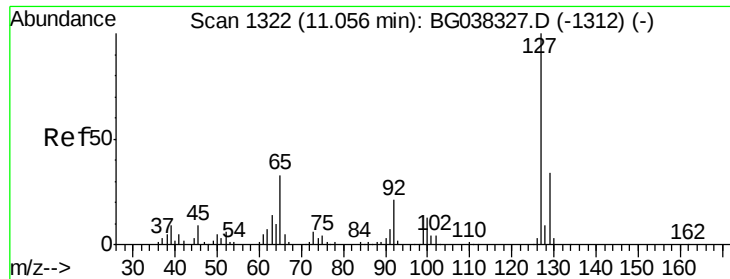
Abundance

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

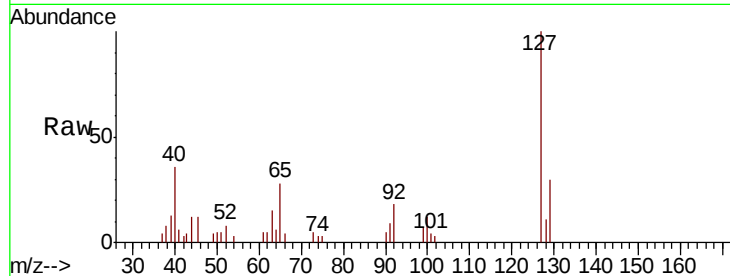




#33
4-Chloroaniline
Concen: 7.256 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tgt Ion:	127	Resp:	15484
Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.1	40.7
65	28.4	26.6	39.8
92	18.1	16.4	24.6



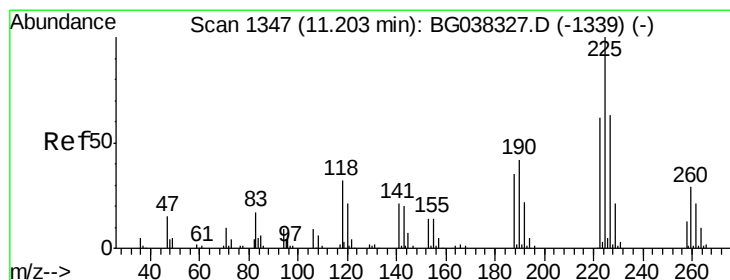
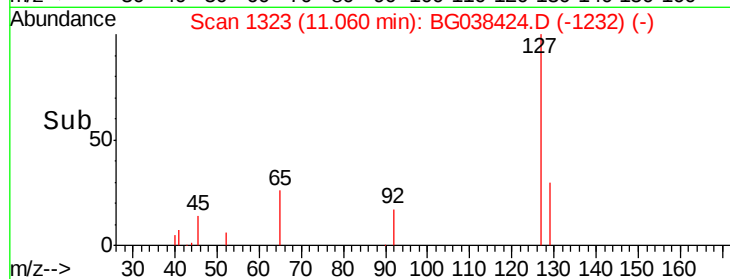
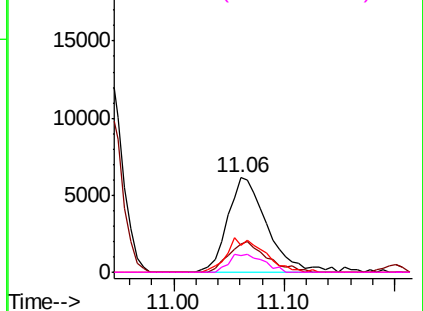
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

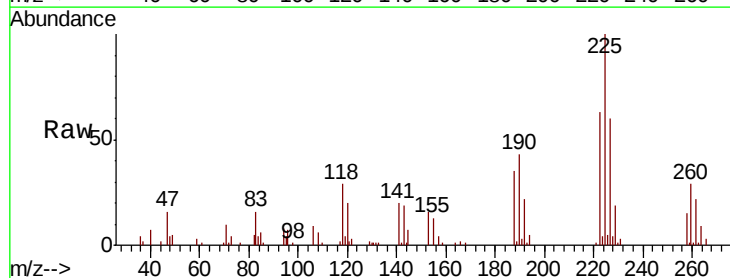
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.261 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:	225	Resp:	45234
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.2	72.4
227	60.8	51.6	77.4

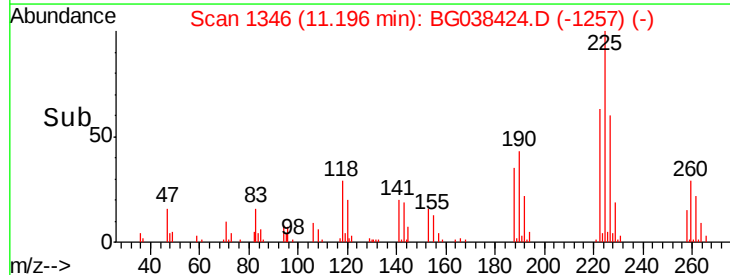
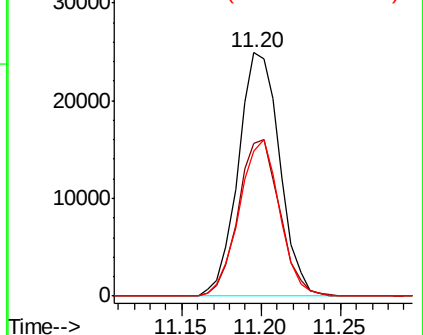


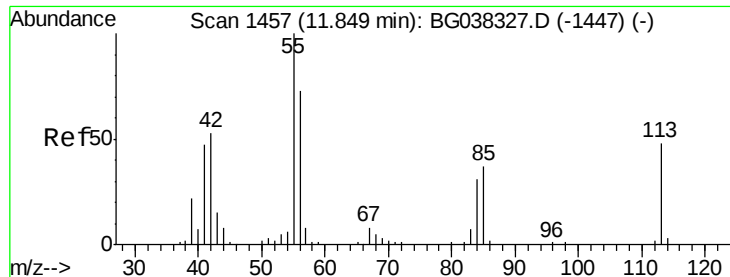
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

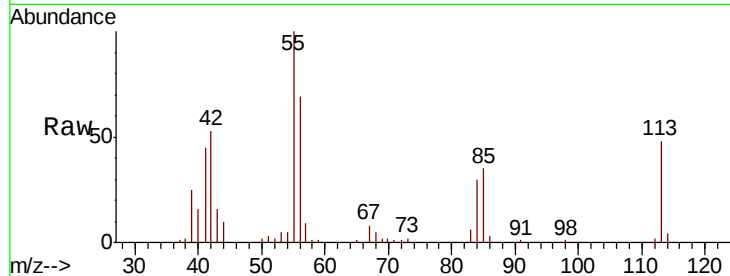




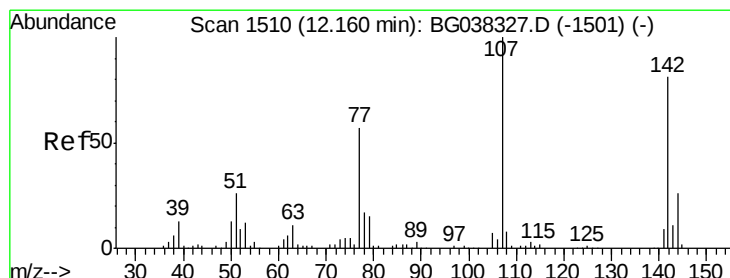
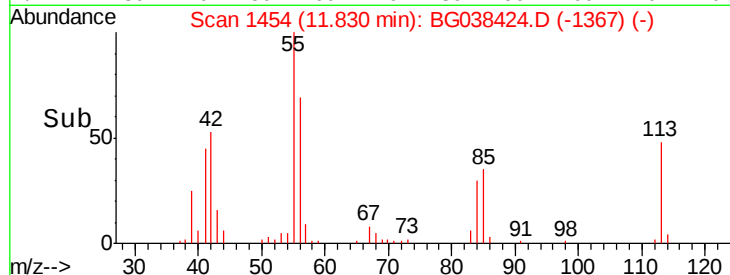
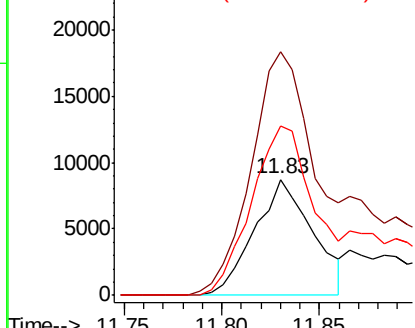
#35
 Caprolactam
 Concen: 27.797 ng
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion:113 Resp: 18034
 Ion Ratio Lower Upper
 113 100
 55 210.0 176.6 216.6
 56 145.6 128.3 168.3

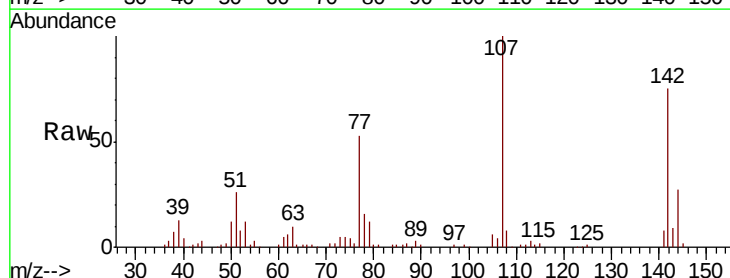


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGO
 Ion 56.00 (55.70 to 56.70): BGO

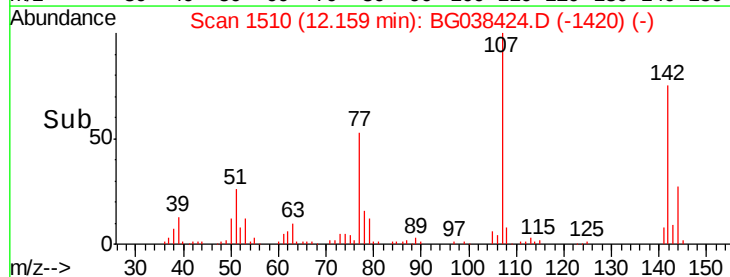
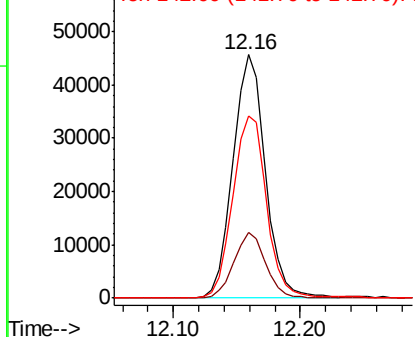


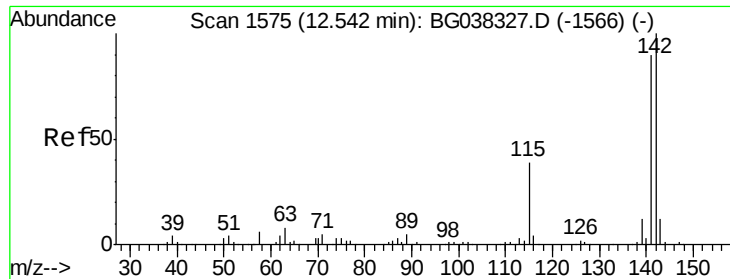
#36
 4-Chloro-3-methylphenol
 Concen: 46.225 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:107 Resp: 80575
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.7 31.1
 142 74.6 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

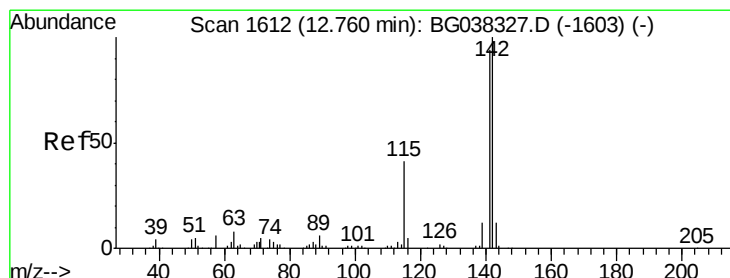
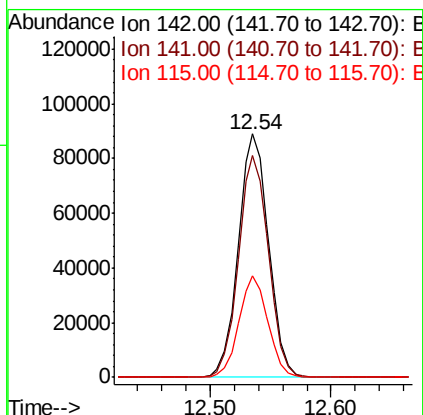
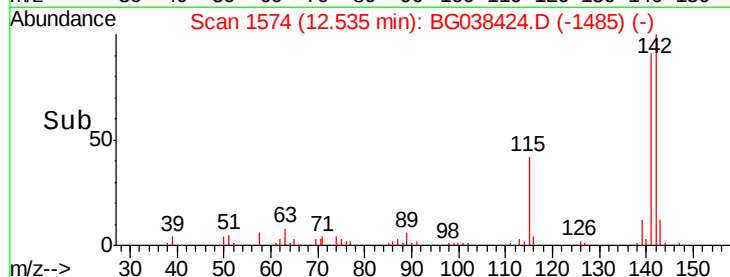
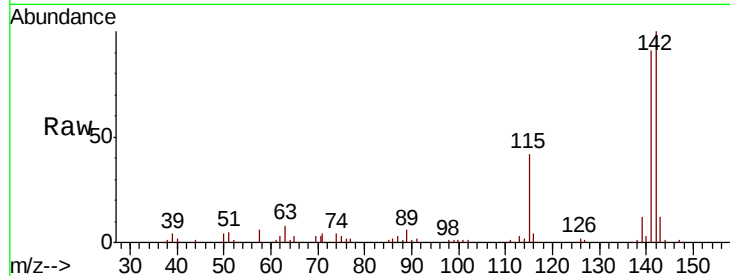




#37
 2-Methylnaphthalene
 Concen: 45.129 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

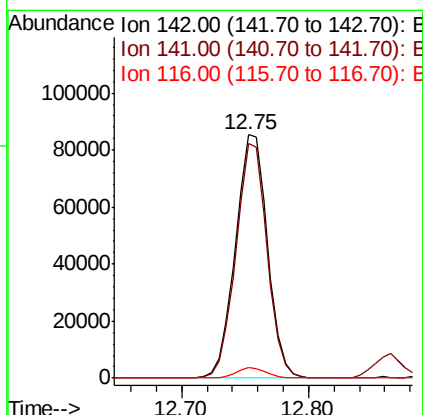
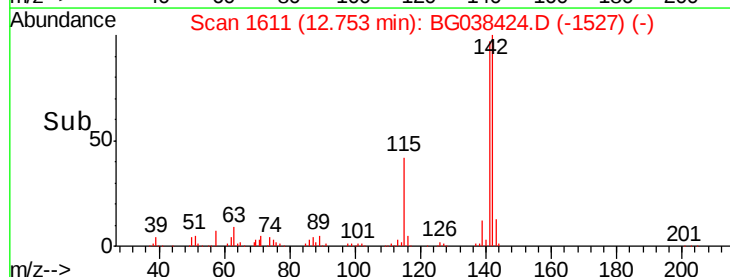
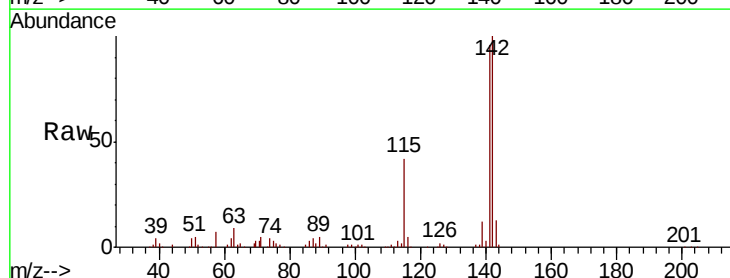
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

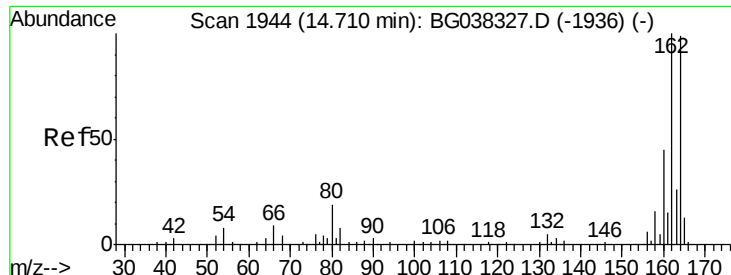
Tgt Ion:142 Resp: 154923
 Ion Ratio Lower Upper
 142 100
 141 91.1 71.9 107.9
 115 41.7 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 45.259 ng
 RT: 12.75 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:142 Resp: 148808
 Ion Ratio Lower Upper
 142 100
 141 96.4 75.2 112.8
 116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

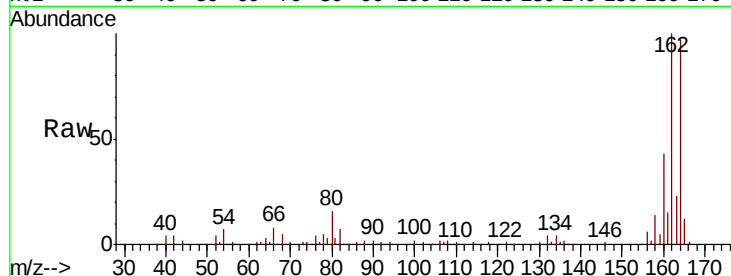
Tgt Ion:164 Resp: 67666

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

160 44.8 36.3 54.5

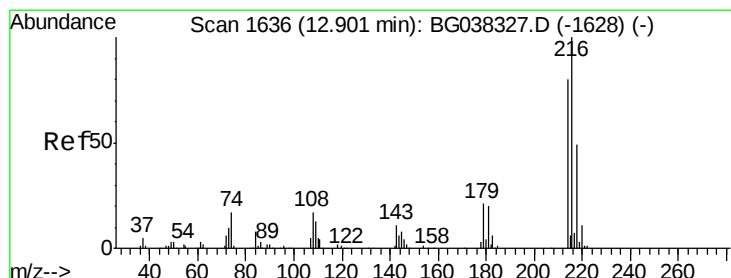
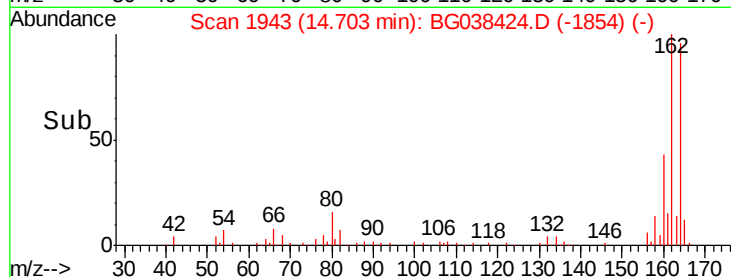
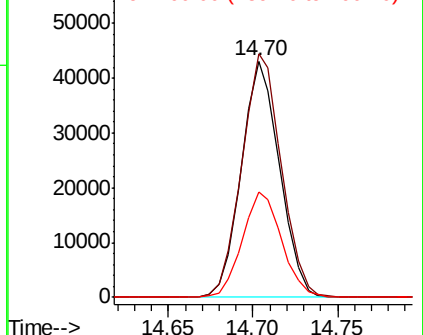


Abundance

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: 37.734 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:216 Resp: 87860

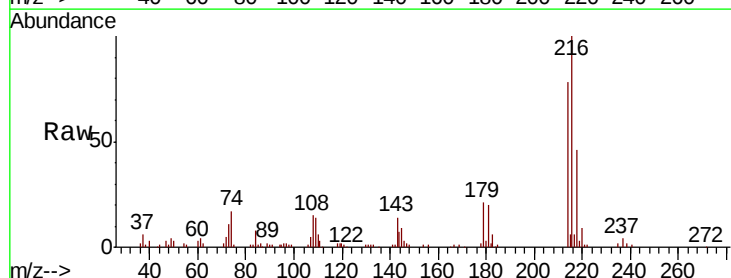
Ion Ratio Lower Upper

216 100

214 80.8 63.8 95.6

179 20.2 17.4 26.0

108 19.4 13.9 20.9



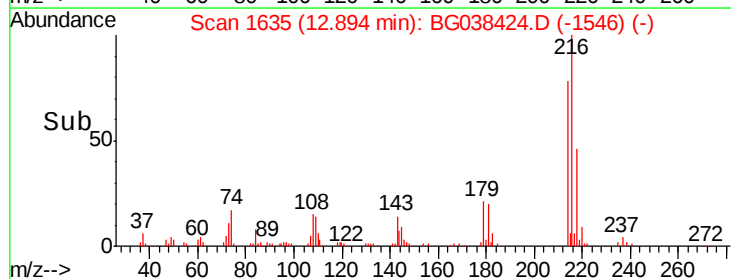
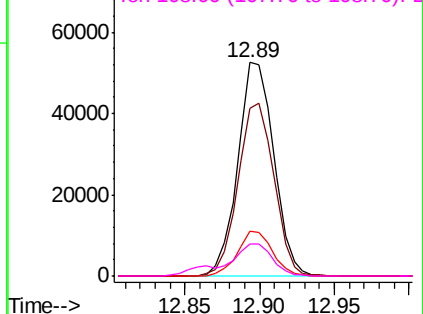
Abundance

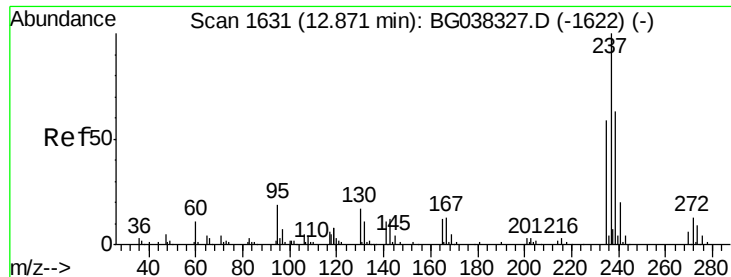
Ion 216.00 (215.70 to 216.70): E

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: 92.477 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

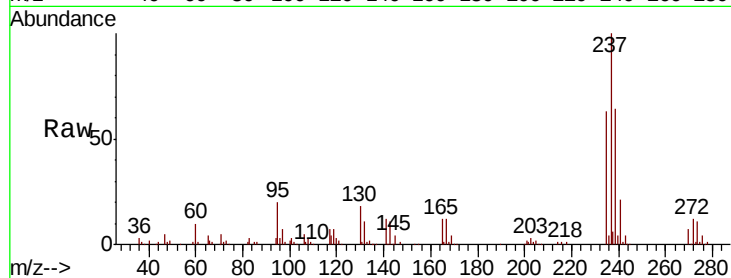
Tgt Ion:237 Resp: 118328

Ion Ratio Lower Upper

237 100

235 63.1 42.5 82.5

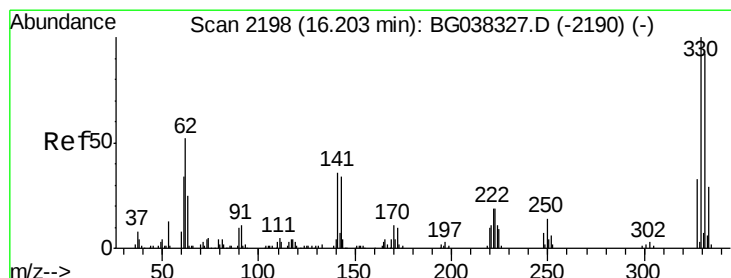
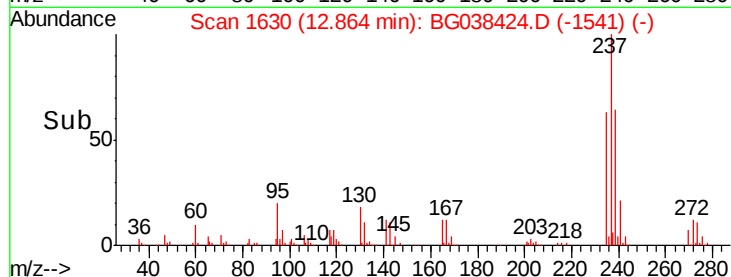
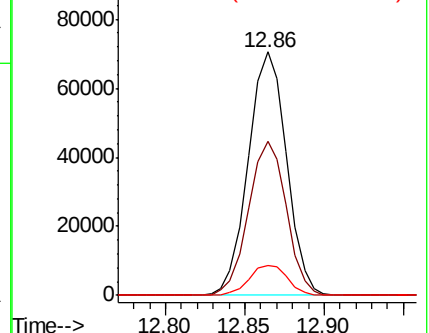
272 12.4 0.0 31.6



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: 94.021 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

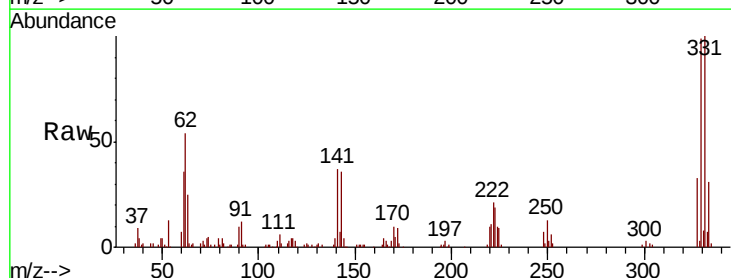
Tgt Ion:330 Resp: 78102

Ion Ratio Lower Upper

330 100

332 97.9 78.4 117.6

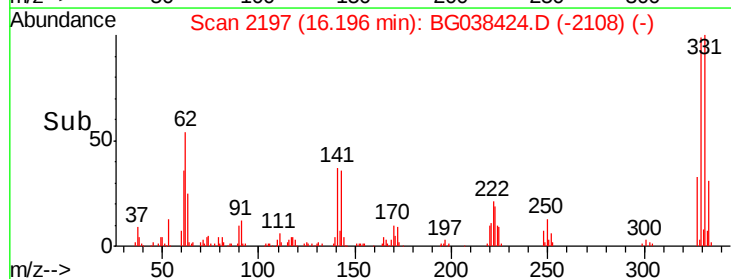
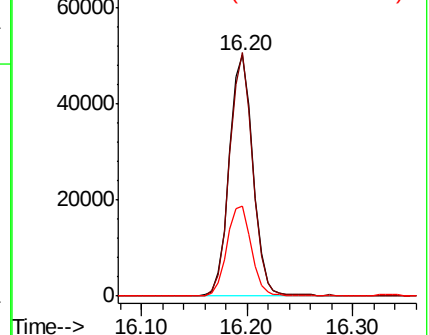
141 38.2 32.2 48.2

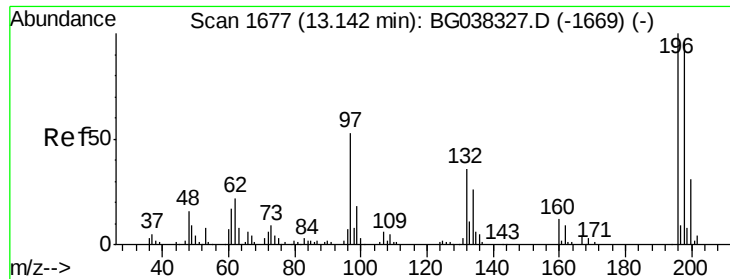


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

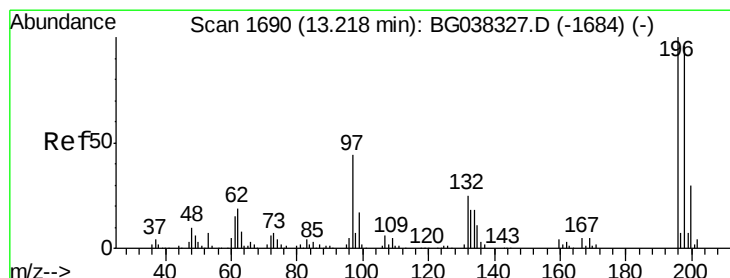
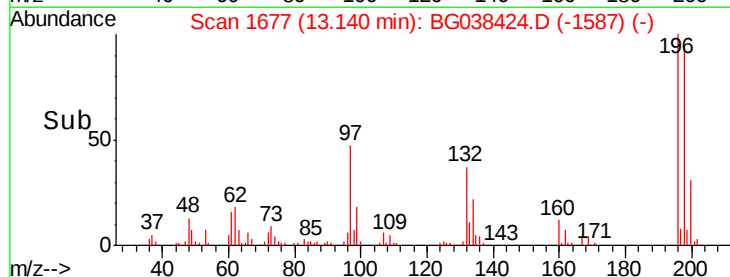
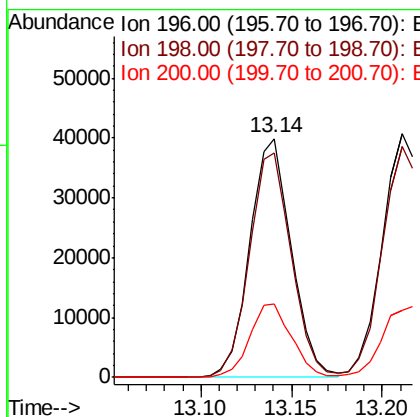
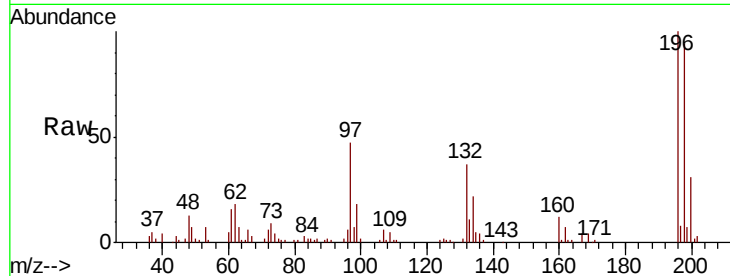




#43
 2,4,6-Trichlorophenol
 Concen: 42.088 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

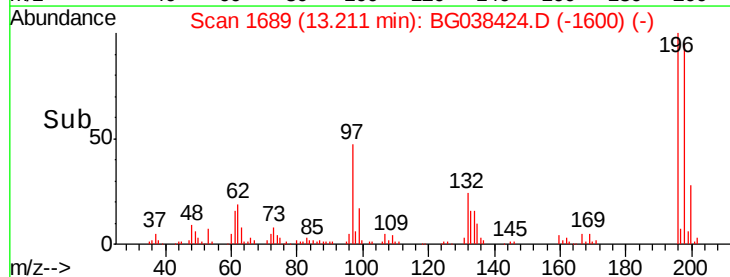
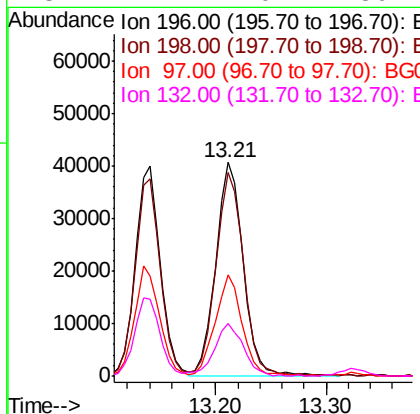
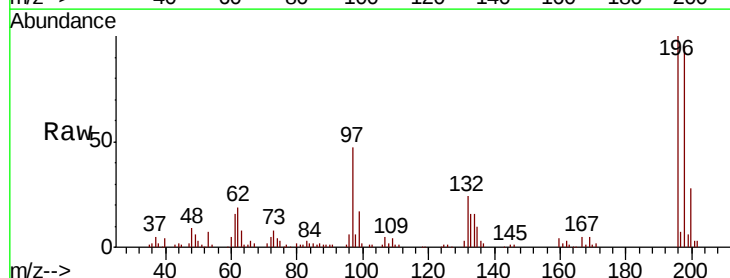
Instrument :
 BNA_G
 ClientSampleID :
 PB115307BSD

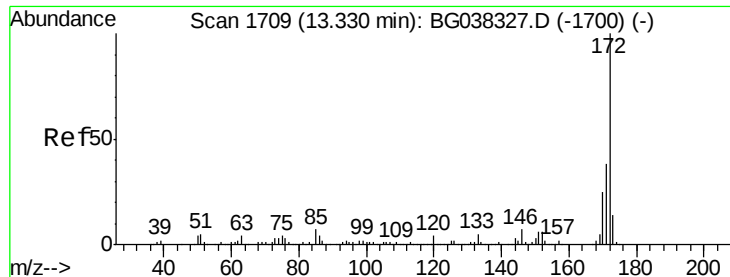
Tgt Ion:196 Resp: 63482
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.4 114.6
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.105 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:196 Resp: 70473
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.2 111.2
 97 47.2 34.1 51.1
 132 24.4 20.2 30.4

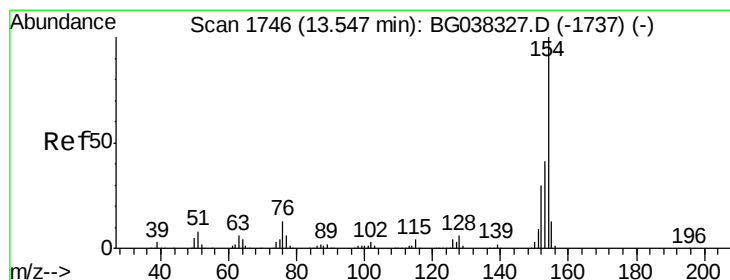
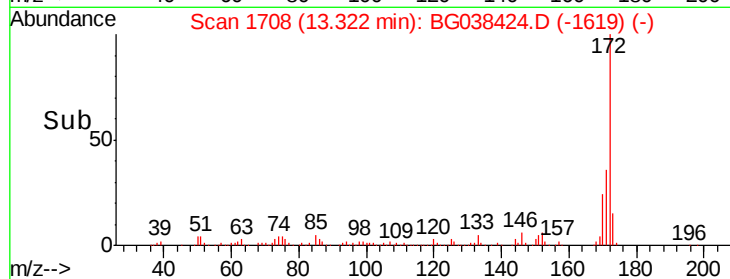
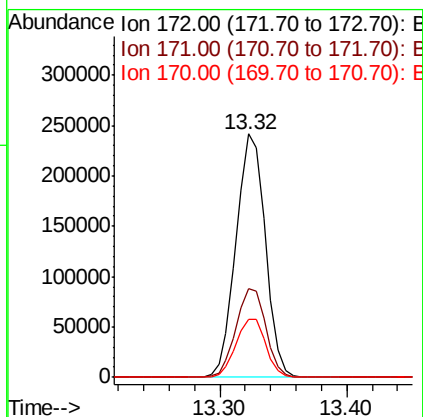
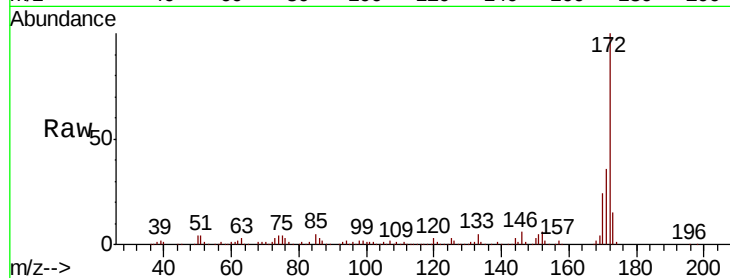




#45
 2-Fluorobiphenyl
 Concen: 81.155 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

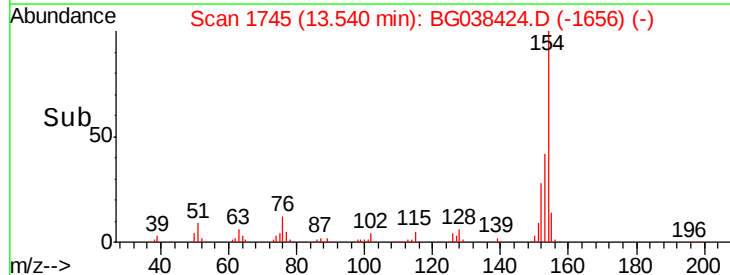
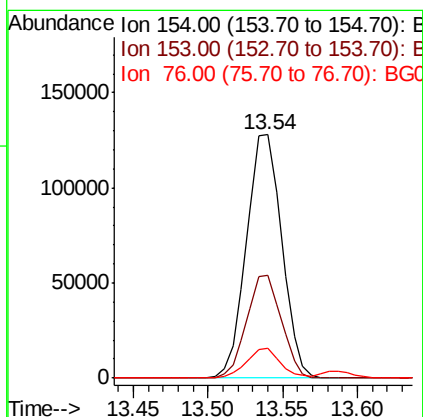
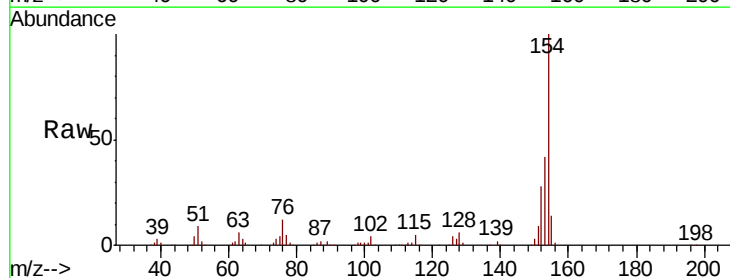
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

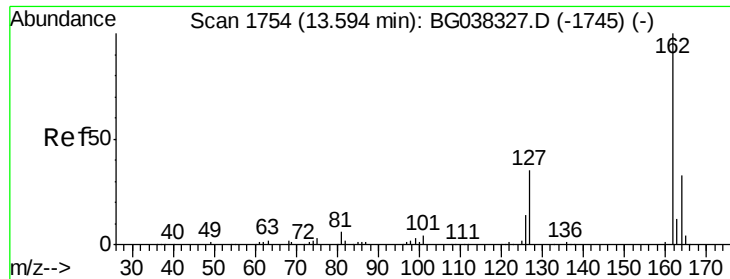
Tgt Ion:172 Resp: 385388
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.0 46.4
 170 23.9 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 36.620 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:154 Resp: 209457
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.1 62.1
 76 12.3 0.0 33.2

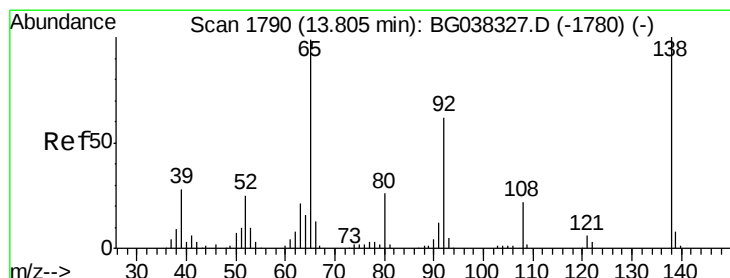
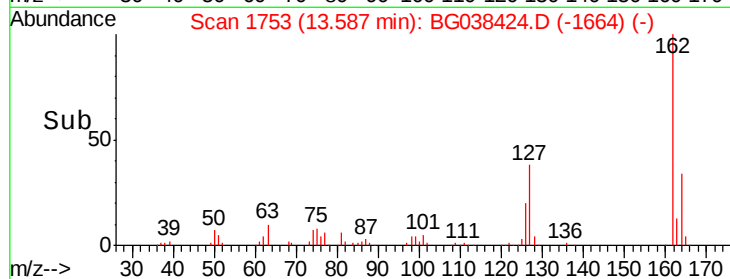
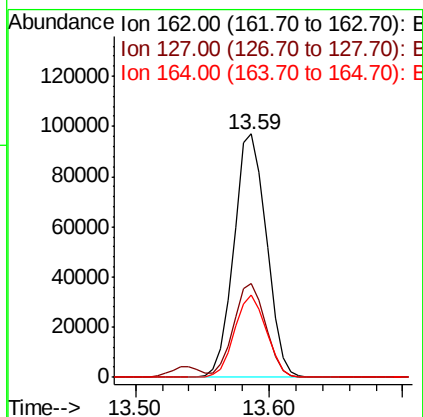
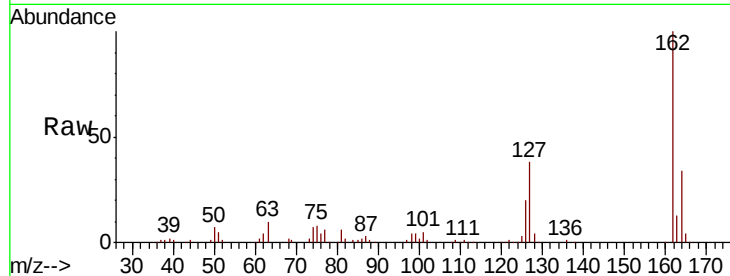




#47
 2-Chloronaphthalene
 Concen: 37.955 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

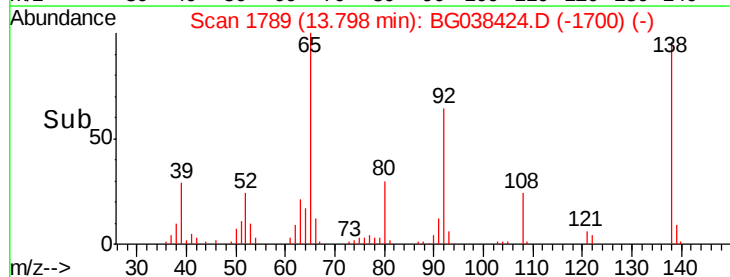
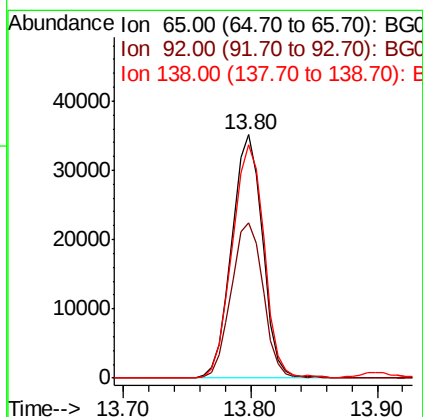
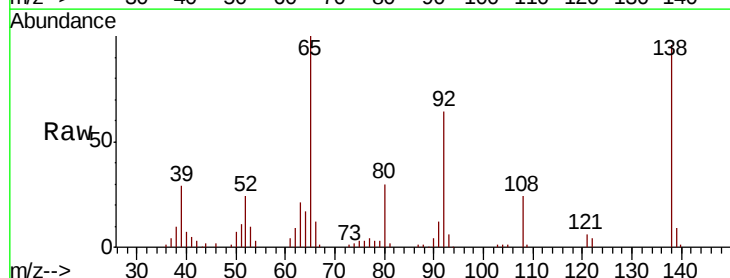
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

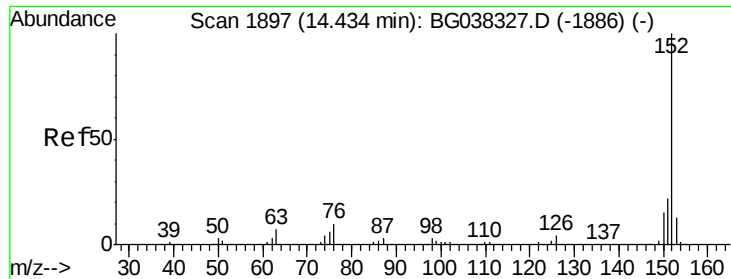
Tgt Ion: 162 Resp: 163817
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.5 45.7
 164 34.0 26.4 39.6



#48
 2-Nitroaniline
 Concen: 40.849 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion: 65 Resp: 59150
 Ion Ratio Lower Upper
 65 100
 92 63.9 53.2 79.8
 138 95.9 79.3 118.9





#49

Acenaphthylene

Concen: 42.853 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

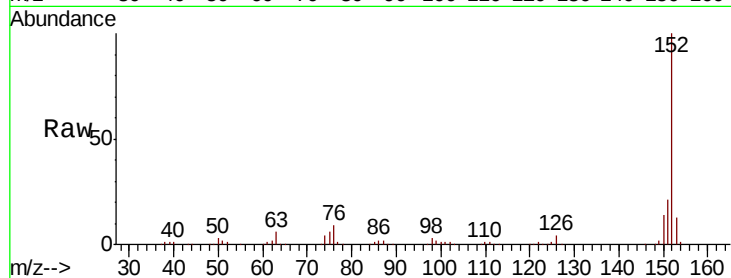
Tgt Ion:152 Resp: 278559

Ion Ratio Lower Upper

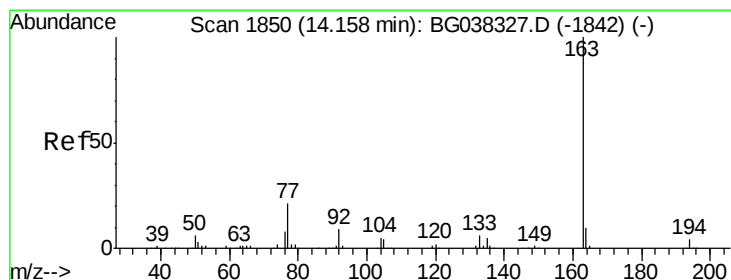
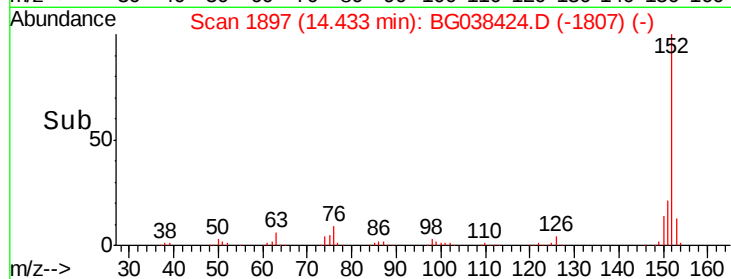
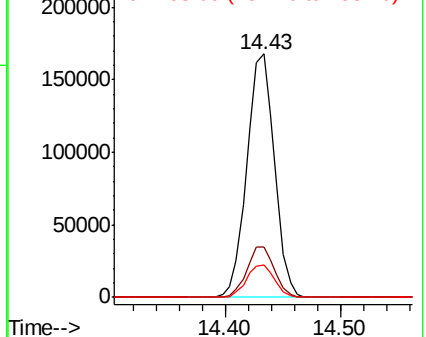
152 100

151 20.5 17.1 25.7

153 13.3 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.736 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

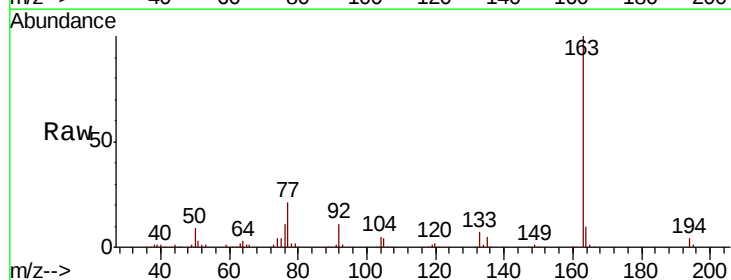
Tgt Ion:163 Resp: 226517

Ion Ratio Lower Upper

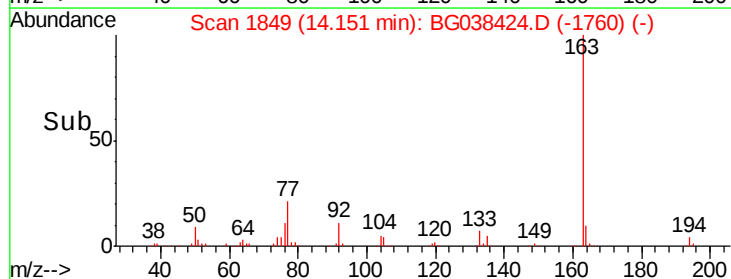
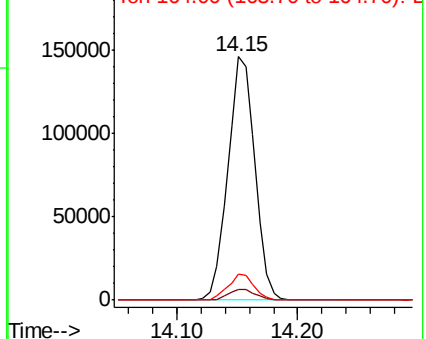
163 100

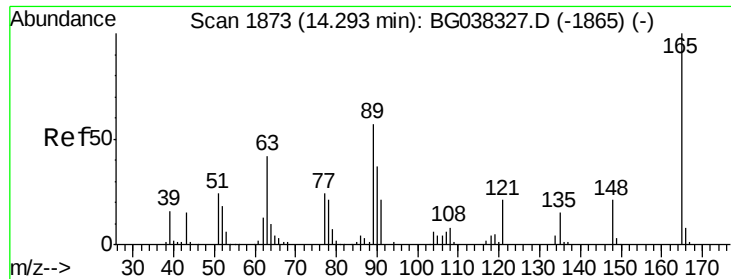
194 4.2 3.5 5.3

164 10.5 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

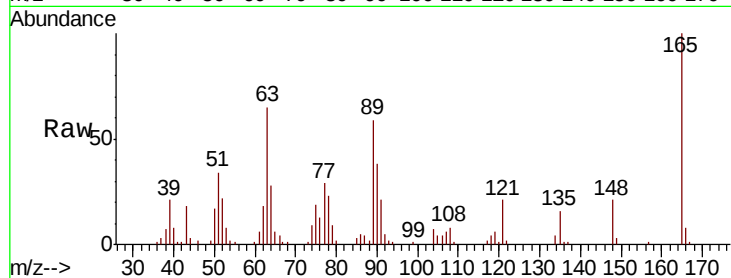




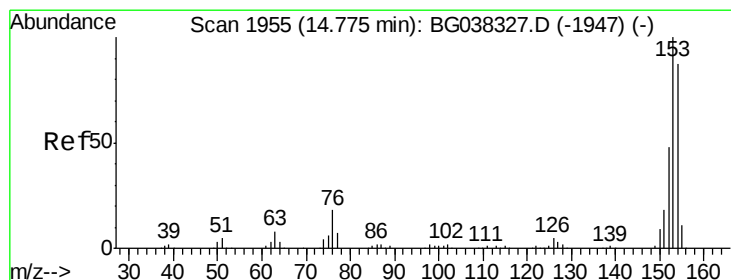
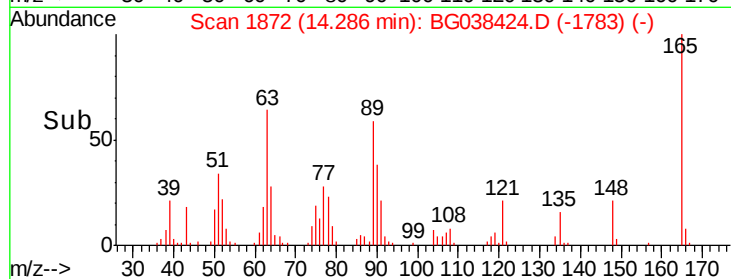
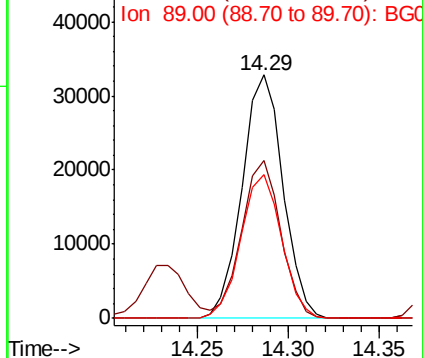
#51
 2,6-Dinitrotoluene
 Concen: 41.479 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion:165 Resp: 51425
 Ion Ratio Lower Upper
 165 100
 63 64.7 43.4 65.2
 89 58.8 45.8 68.6

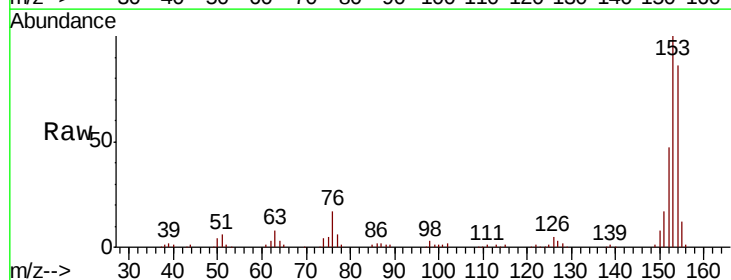


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

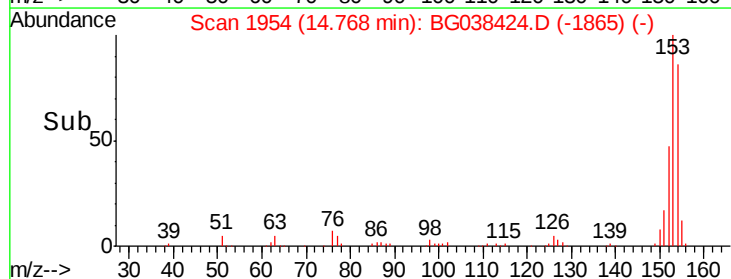
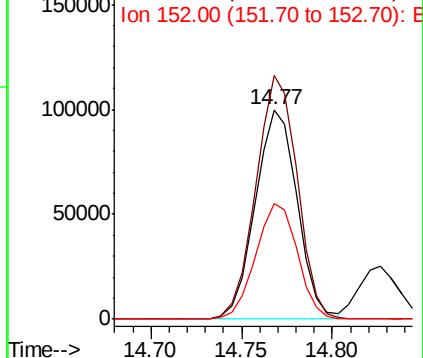


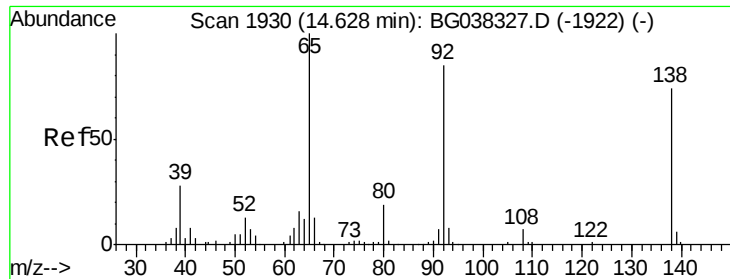
#52
 Acenaphthene
 Concen: 40.448 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:154 Resp: 160288
 Ion Ratio Lower Upper
 154 100
 153 116.5 93.4 140.0
 152 55.1 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.333 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

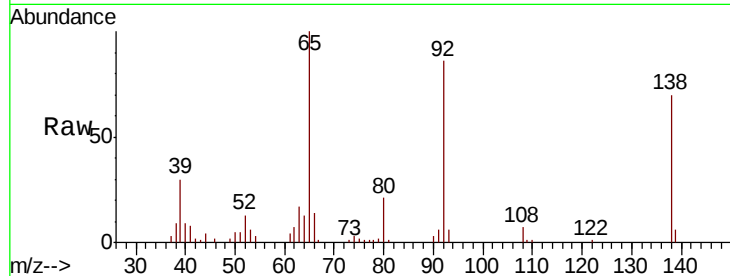
Tgt Ion:138 Resp: 28484

Ion Ratio Lower Upper

138 100

108 9.7 11.0 16.6#

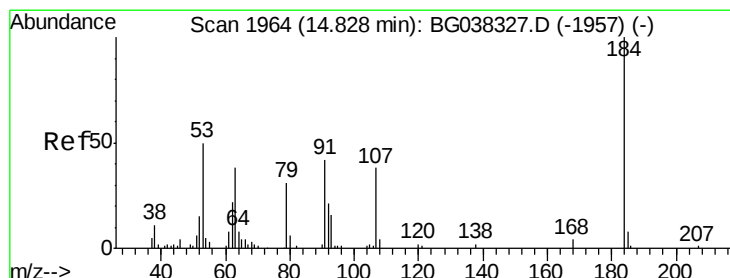
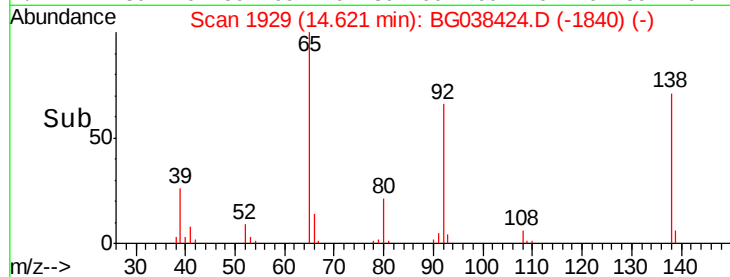
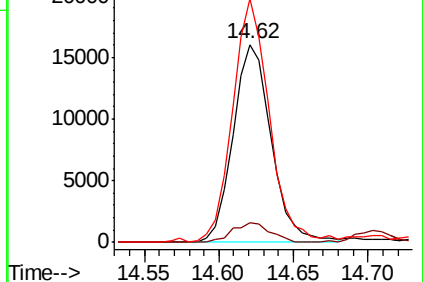
92 122.9 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 95.985 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

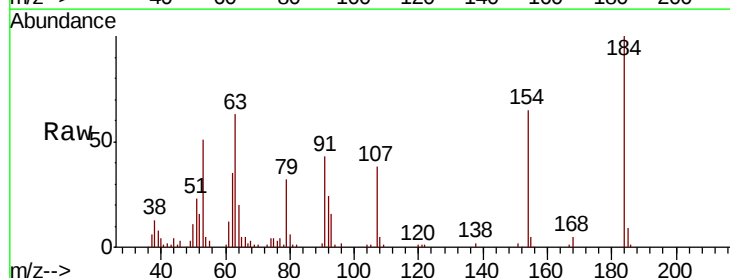
Tgt Ion:184 Resp: 65233

Ion Ratio Lower Upper

184 100

63 62.7 42.6 63.8

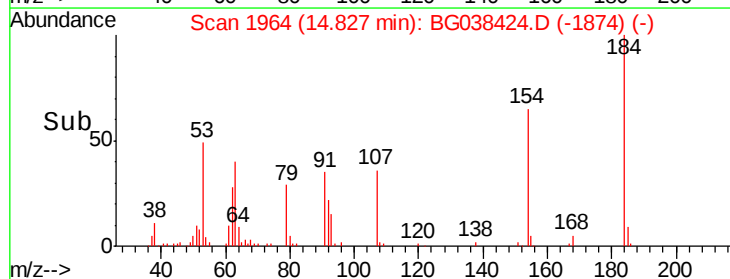
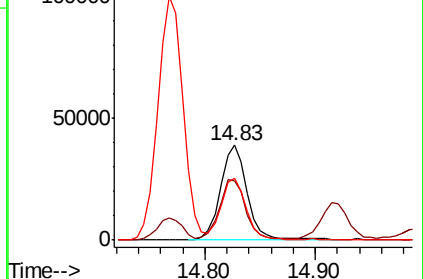
154 65.0 41.8 62.6#

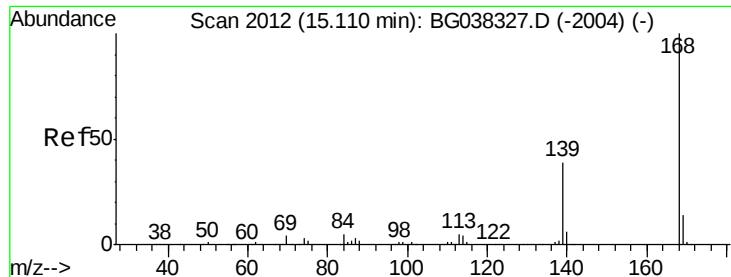


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

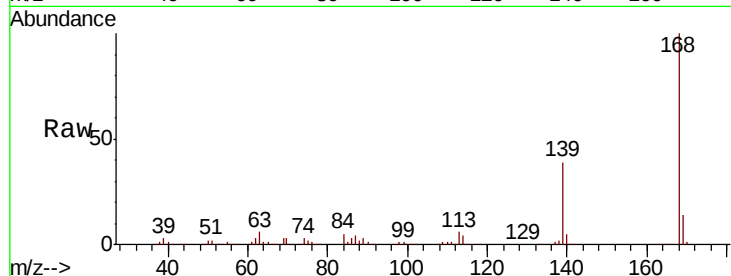




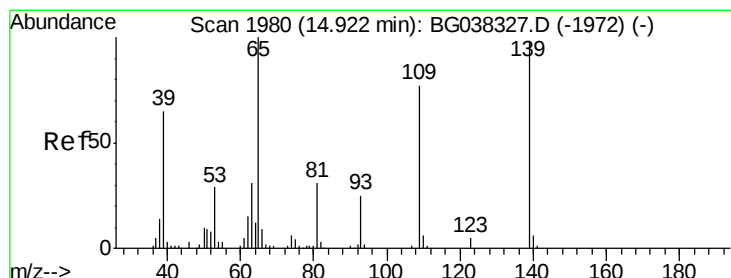
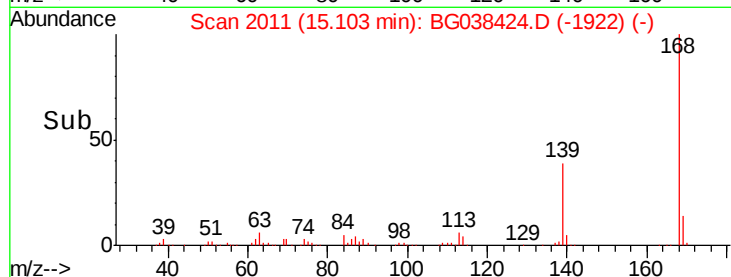
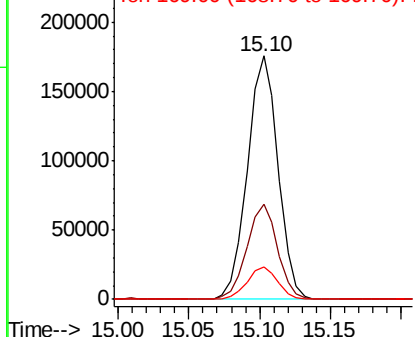
#55
Dibenzenofuran
Concen: 40.751 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tgt Ion:168 Resp: 266974
Ion Ratio Lower Upper
168 100
139 39.1 29.4 44.0
169 13.5 11.0 16.6

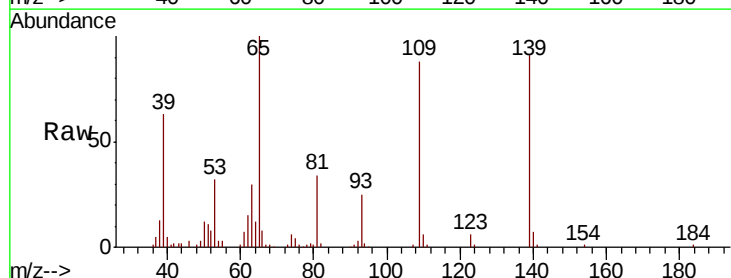


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

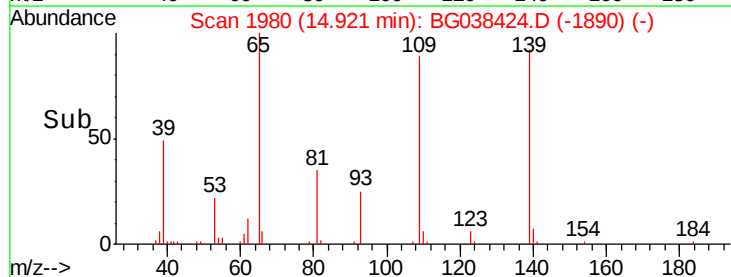
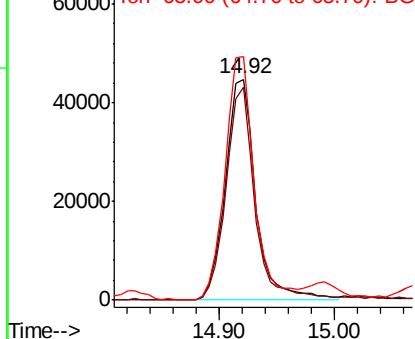


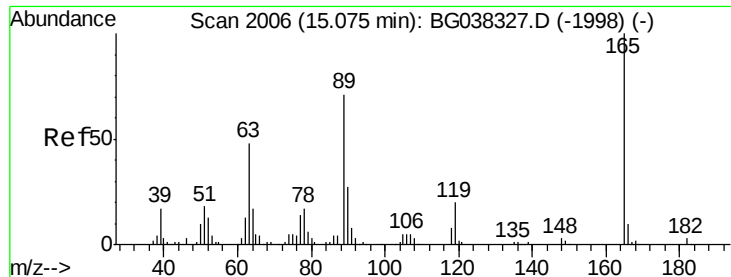
#56
4-Nitrophenol
Concen: 77.444 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:139 Resp: 81684
Ion Ratio Lower Upper
139 100
109 96.5 49.5 89.5#
65 110.2 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

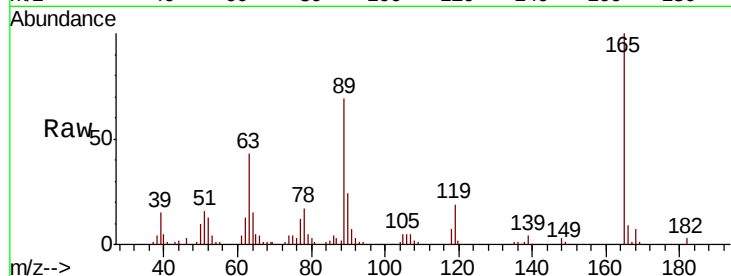




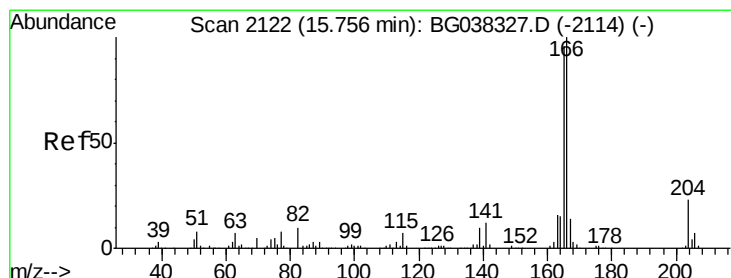
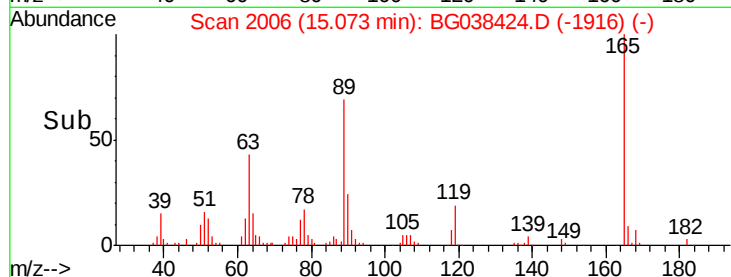
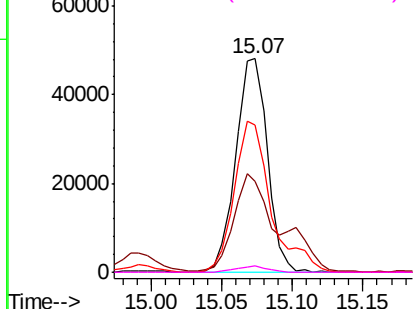
#57
2,4-Dinitrotoluene
Concen: 44.032 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	33.4	50.0
89	68.6	57.2	85.8
182	3.2	2.6	4.0

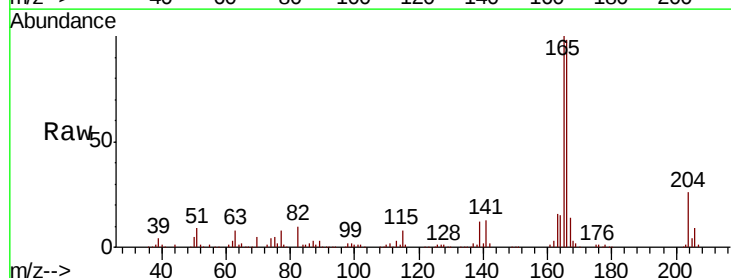


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

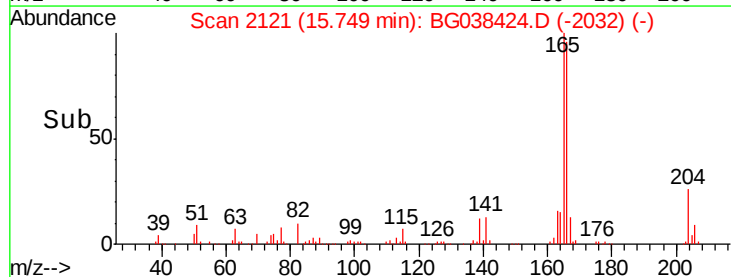
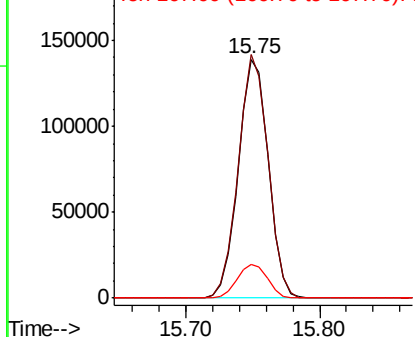


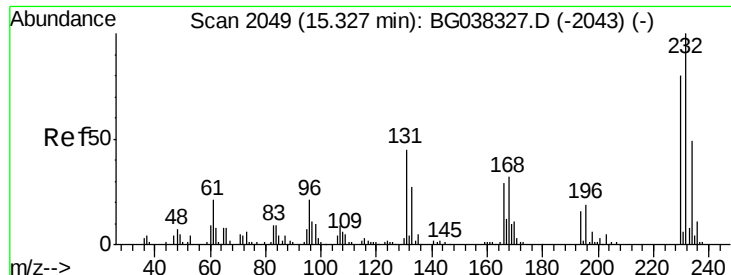
#58
Fluorene
Concen: 44.555 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.0	118.6
167	14.0	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

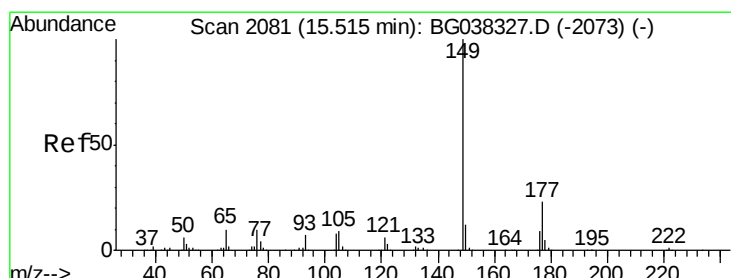
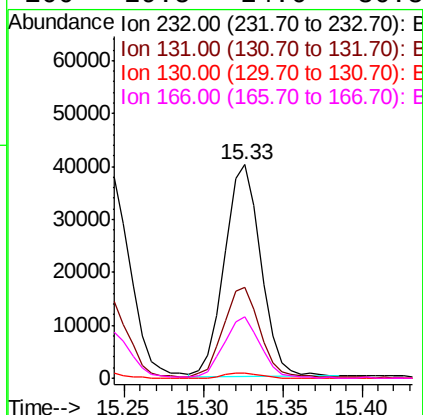
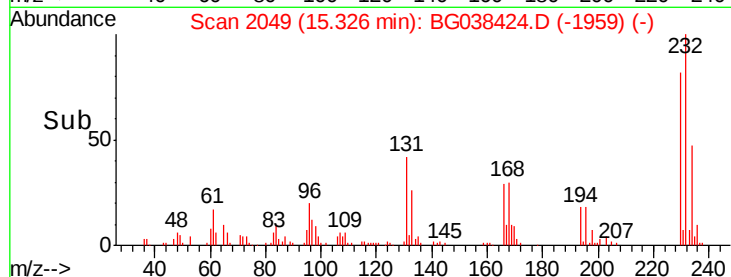
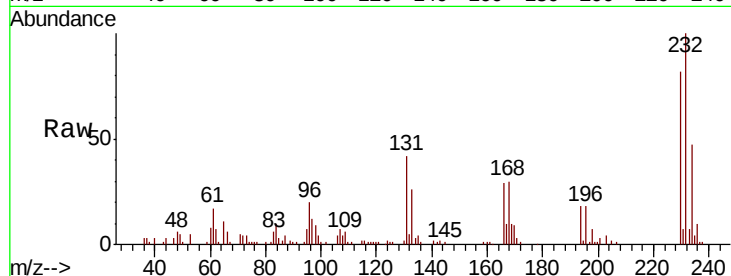




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.996 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

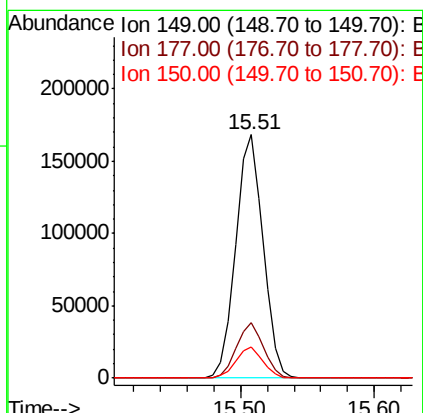
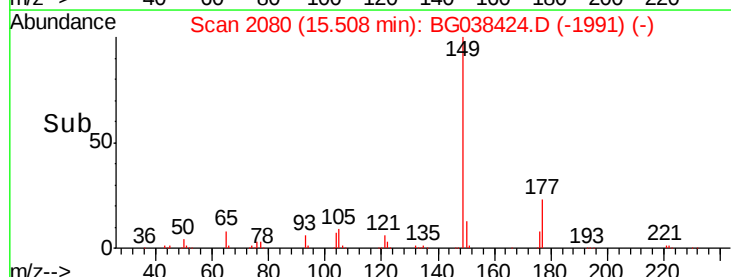
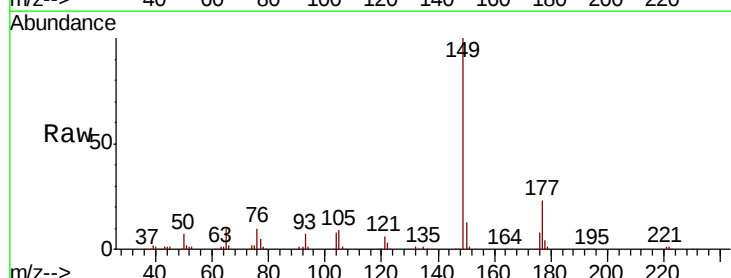
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

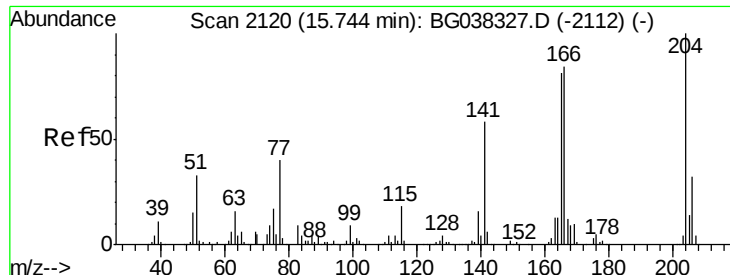
Tgt Ion:	232	Resp:	63832
Ion	Ratio	Lower	Upper
232	100		
131	44.3	33.7	50.5
130	2.5	2.1	3.1
166	29.5	24.6	36.8



#60
 Diethylphthalate
 Concen: 39.778 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:	149	Resp:	239179
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.0	10.0	15.0

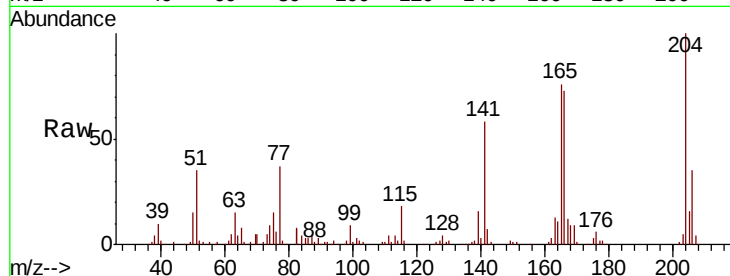




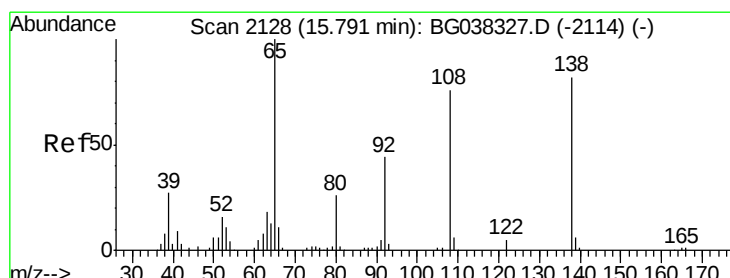
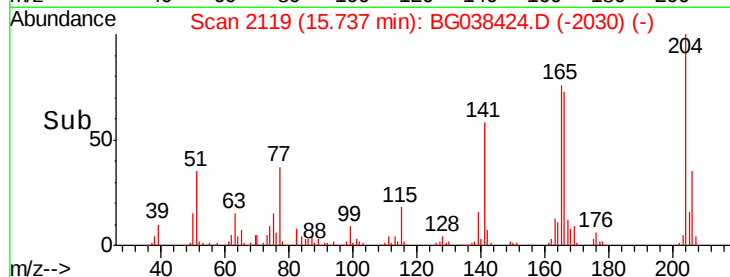
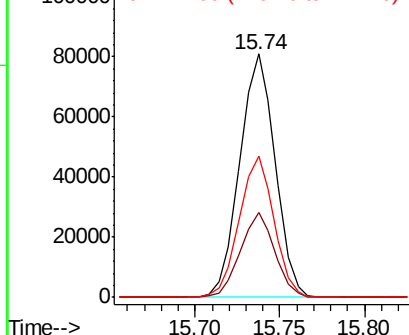
#61
 4-Chlorophenyl-phenylether
 Concen: 40.749 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion:204 Resp: 118137
 Ion Ratio Lower Upper
 204 100
 206 34.7 26.6 39.8
 141 58.0 45.4 68.2

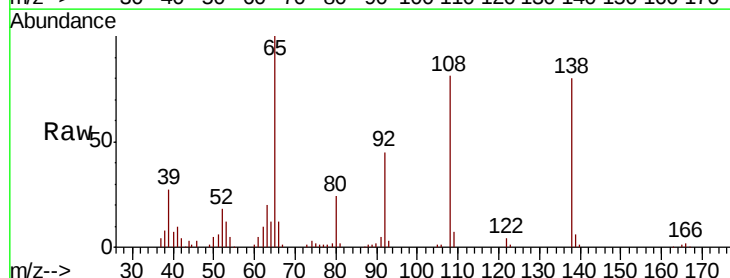


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

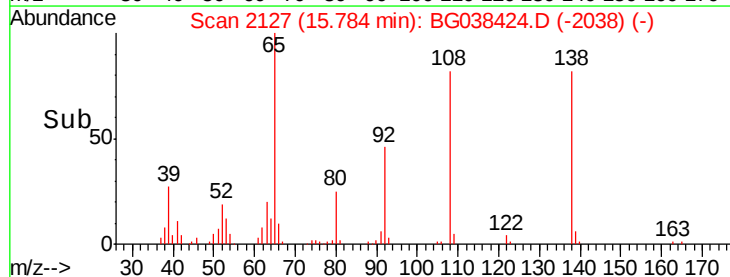
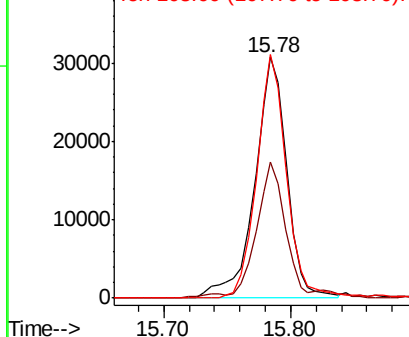


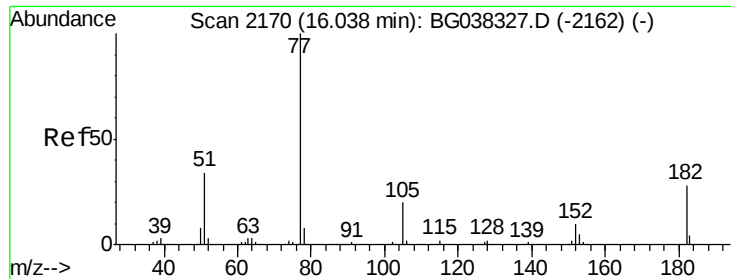
#62
 4-Nitroaniline
 Concen: 41.114 ng
 RT: 15.78 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:138 Resp: 53994
 Ion Ratio Lower Upper
 138 100
 92 56.6 36.4 76.4
 108 101.1 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: 40.281 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

Tgt Ion: 77 Resp: 211974

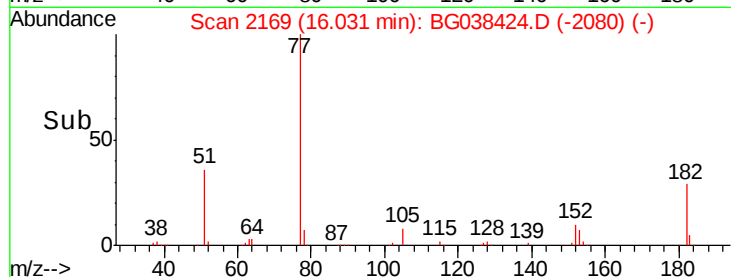
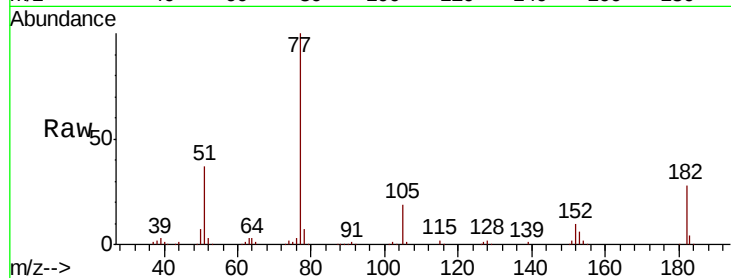
Ion Ratio Lower Upper

77 100

182 27.6 8.0 48.0

105 18.8 1.3 41.3

51 36.7 10.7 50.7

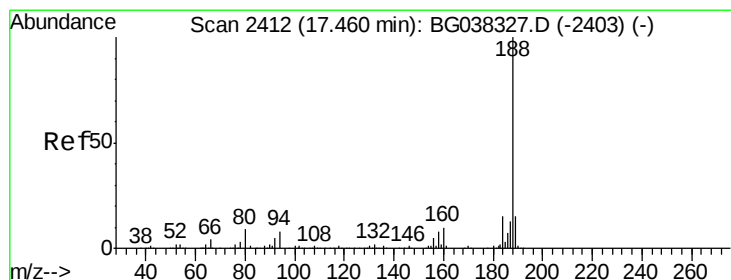
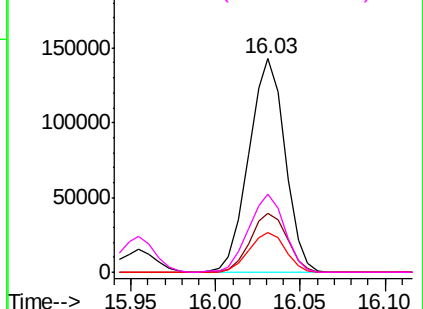


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

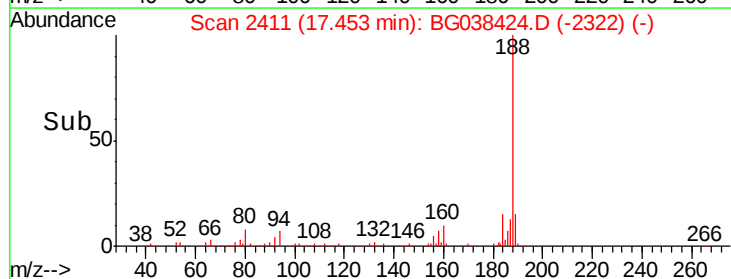
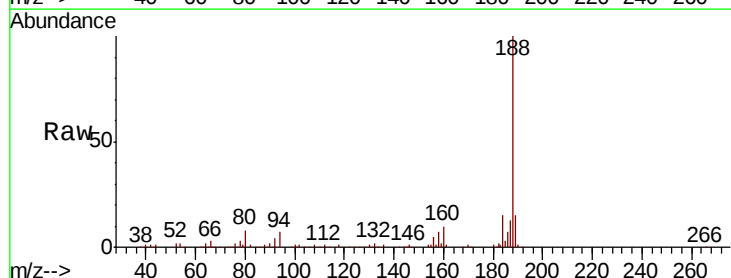
Tgt Ion: 188 Resp: 171410

Ion Ratio Lower Upper

188 100

94 7.1 7.2 10.8#

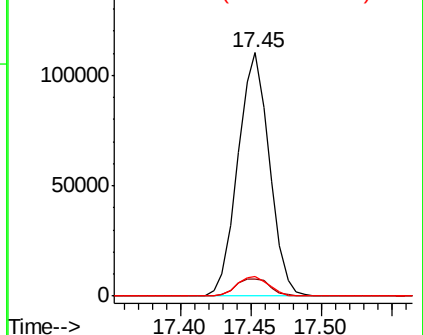
80 8.0 7.7 11.5

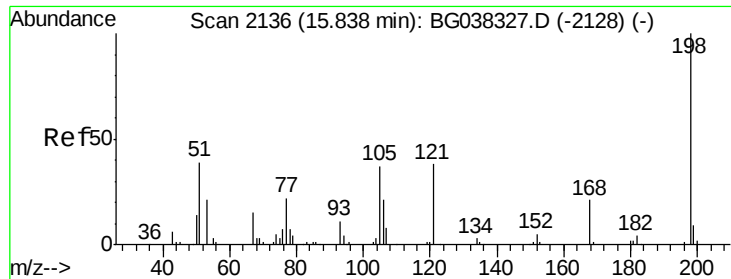


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

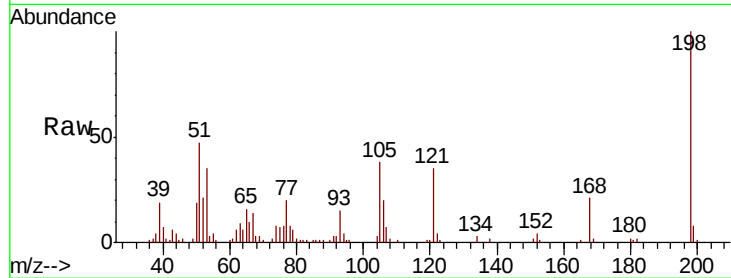




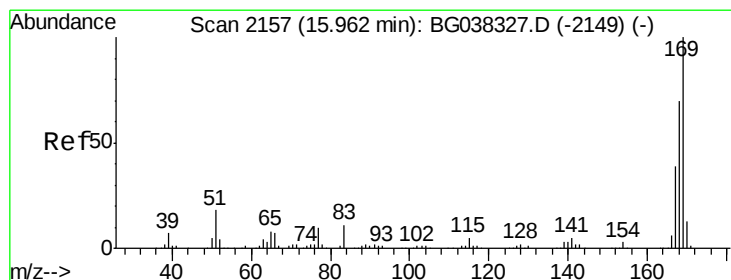
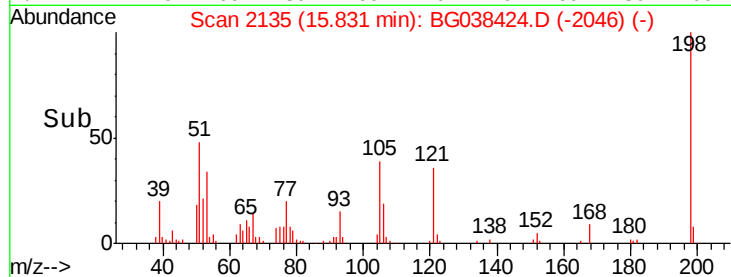
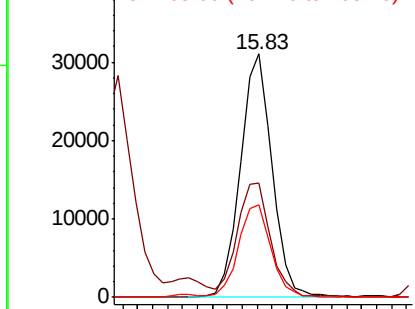
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.454 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.8	22.7	62.7
105	38.0	19.7	59.7

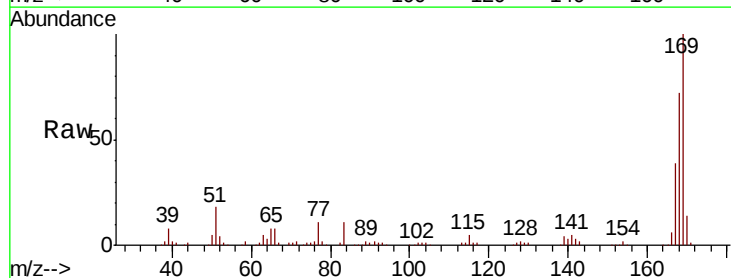


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

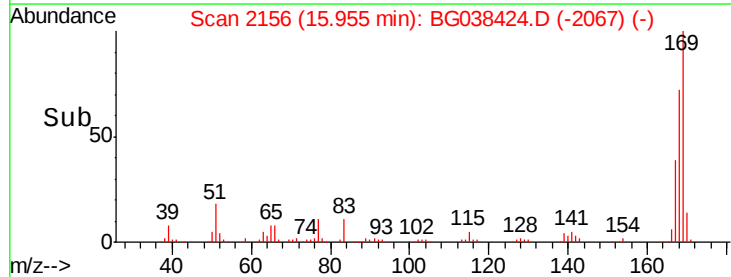
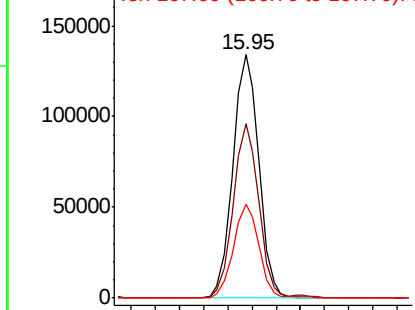


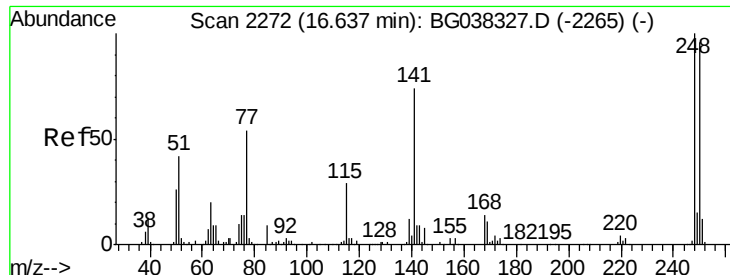
#66
 n-Nitrosodiphenylamine
 Concen: 41.533 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.7	55.7	83.5
167	38.5	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

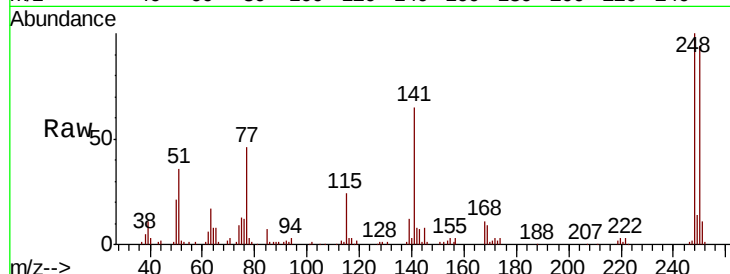




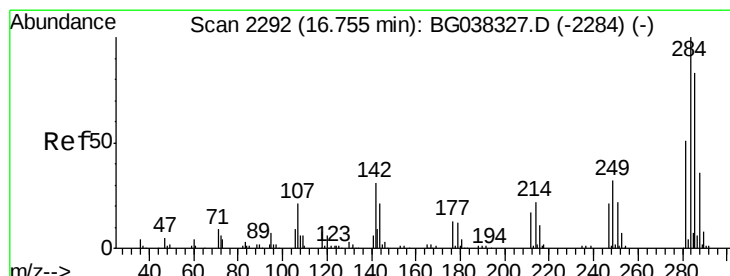
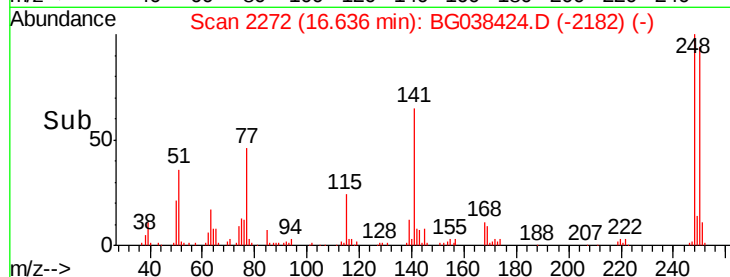
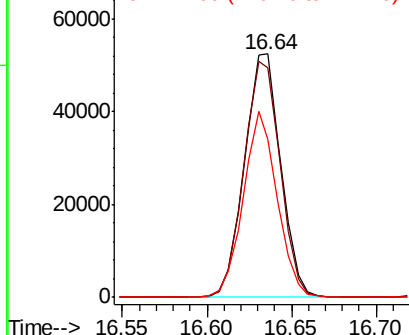
#67
 4-Bromophenyl-phenylether
 Concen: 42.286 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tgt Ion:248 Resp: 78273
 Ion Ratio Lower Upper
 248 100
 250 94.0 77.0 115.6
 141 64.9 55.5 83.3

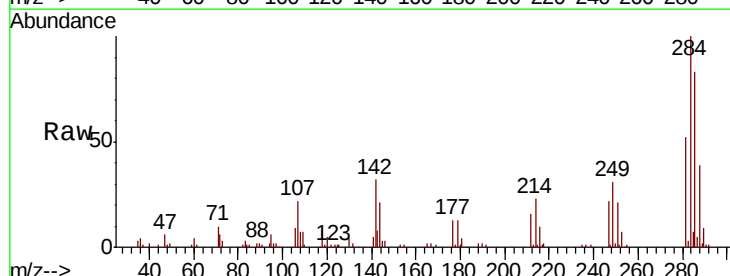


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

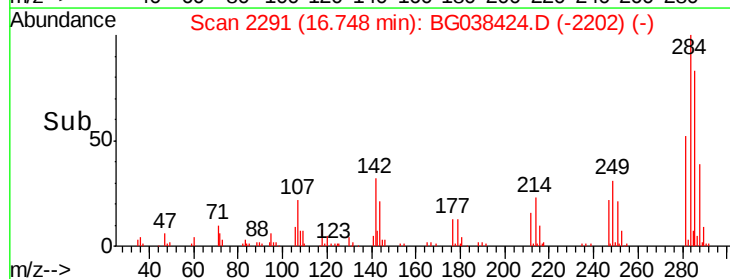
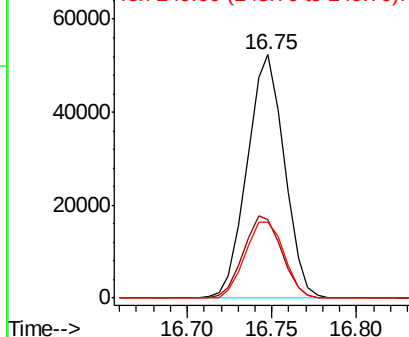


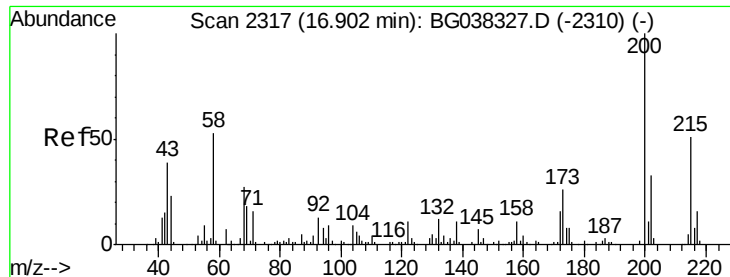
#68
 Hexachlorobenzene
 Concen: 42.006 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:284 Resp: 80202
 Ion Ratio Lower Upper
 284 100
 142 32.2 28.1 42.1
 249 33.6 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: 43.921 ng

RT: 16.89 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

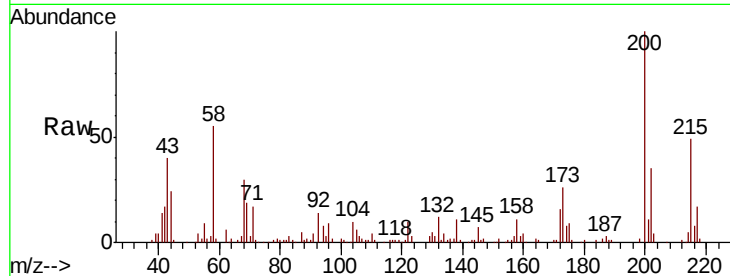
Tgt Ion:200 Resp: 78996

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

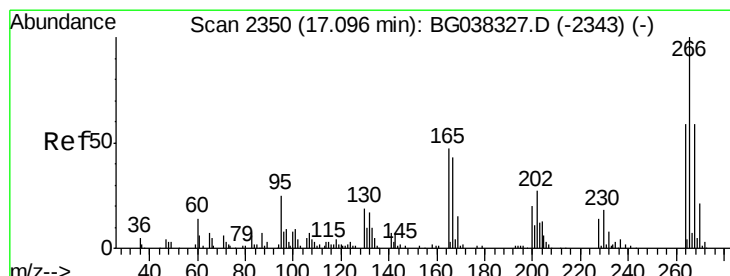
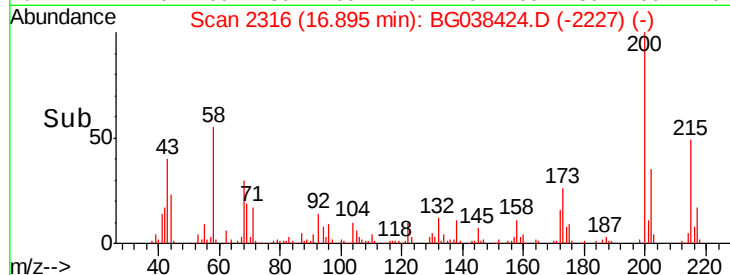
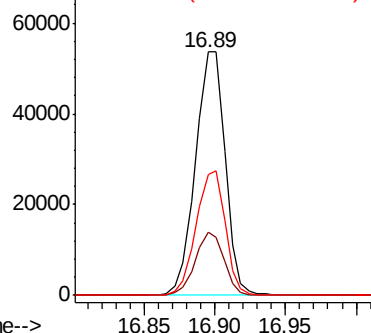
215 49.5 30.8 70.8



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: 72.487 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

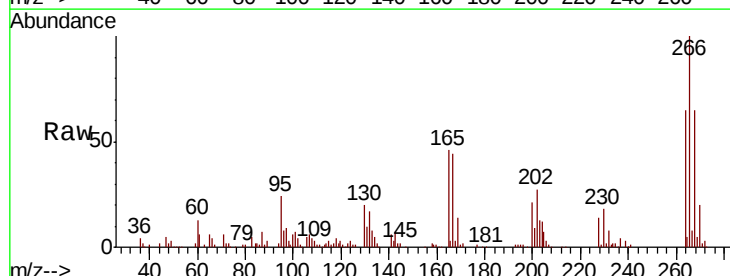
Tgt Ion:266 Resp: 94794

Ion Ratio Lower Upper

266 100

268 70.0 55.0 82.6

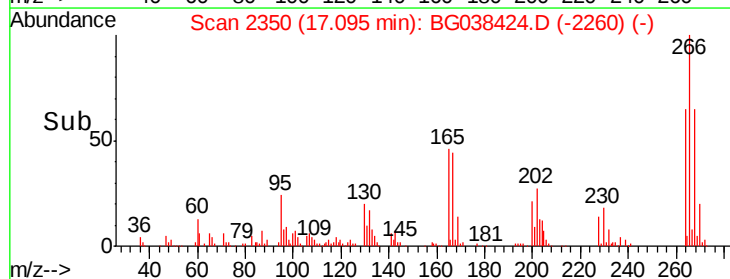
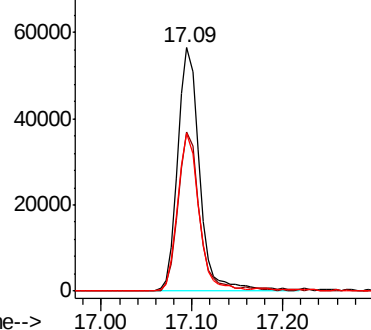
264 69.4 58.9 88.3

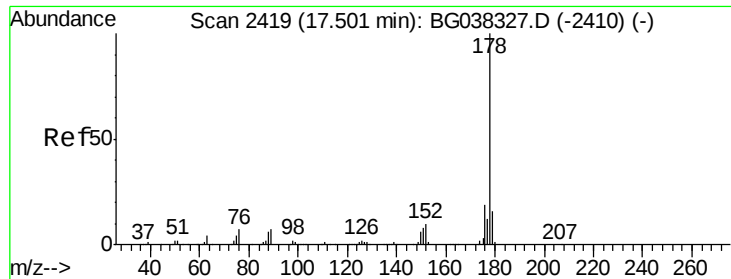


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

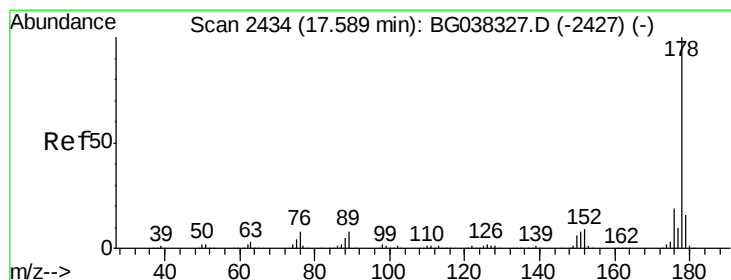
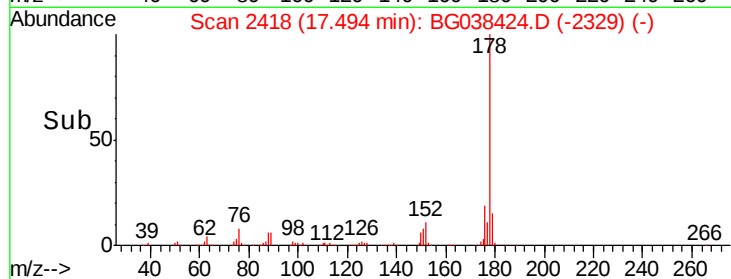
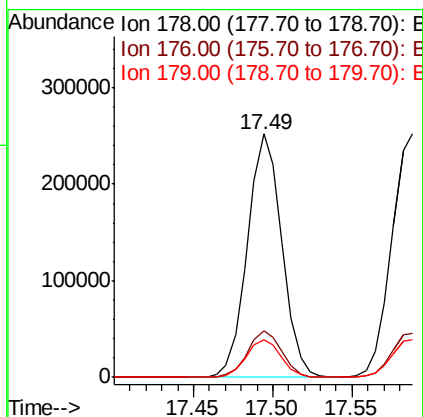
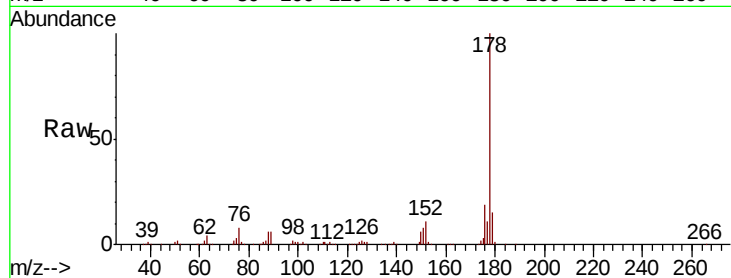




#71
Phenanthrene
Concen: 44.177 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

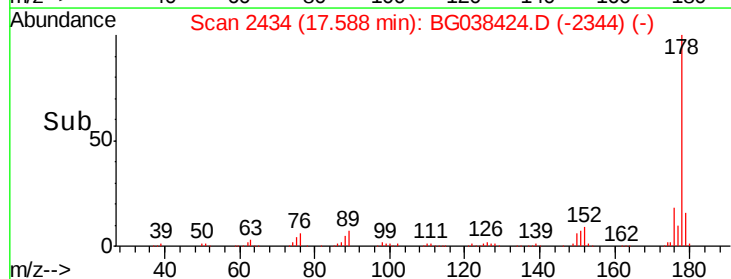
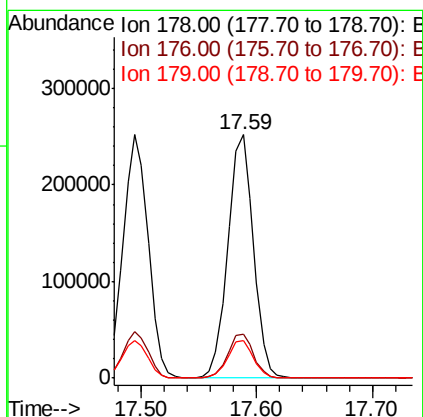
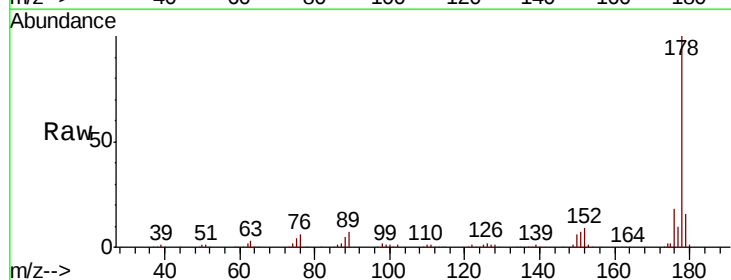
Instrument :
BNA_G
ClientSampleId :
PB115307BSD

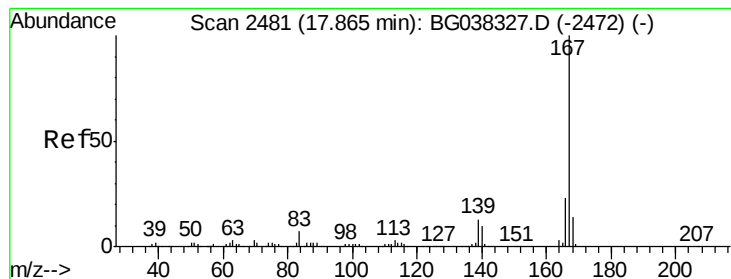
Tgt Ion:178 Resp: 379219
Ion Ratio Lower Upper
178 100
176 19.0 16.1 24.1
179 15.5 13.0 19.4



#72
Anthracene
Concen: 46.353 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:178 Resp: 385328
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.6 12.8 19.2





#73

Carbazole

Concen: 41.839 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

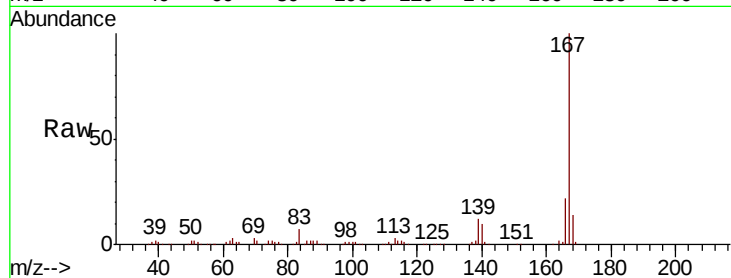
Tgt Ion:167 Resp: 345194

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

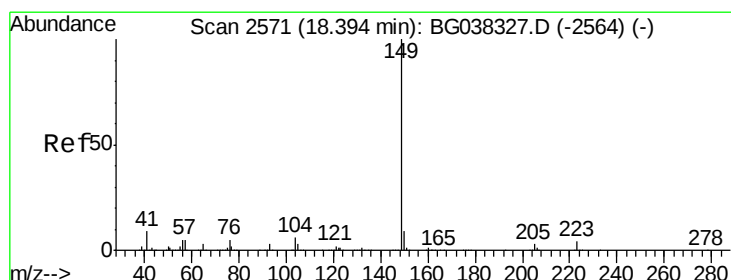
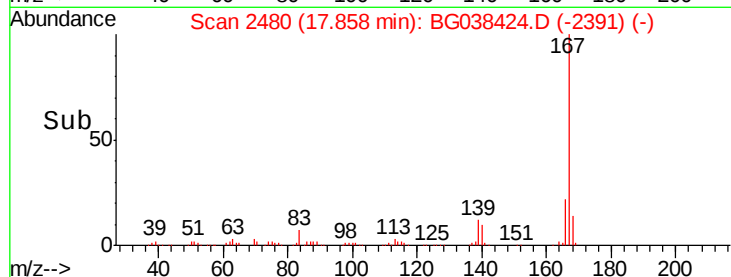
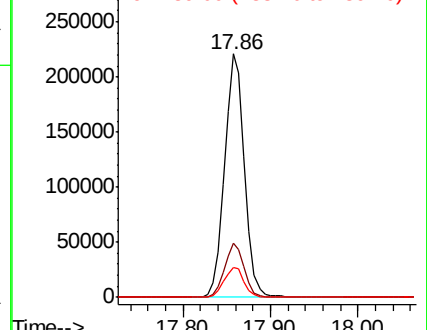
139 12.5 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 43.171 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

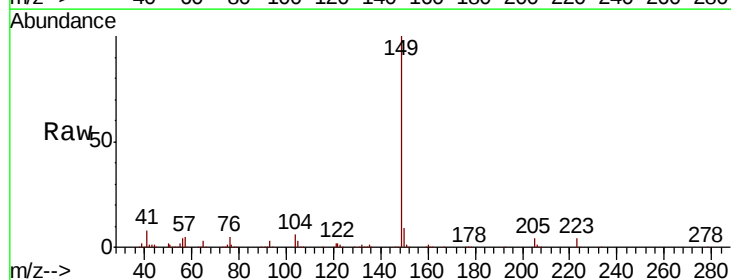
Tgt Ion:149 Resp: 416108

Ion Ratio Lower Upper

149 100

150 8.8 8.2 12.2

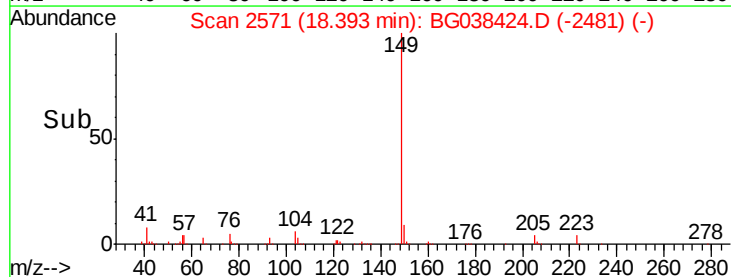
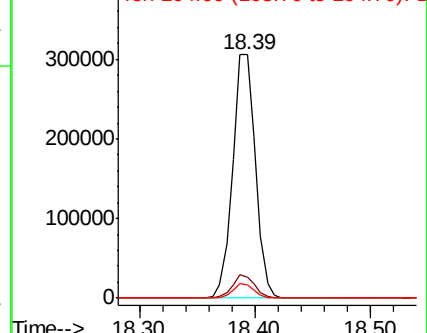
104 5.7 4.0 6.0

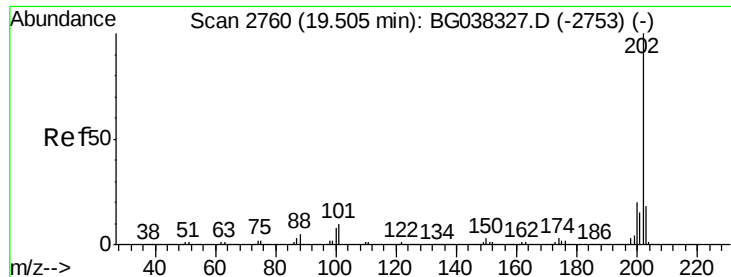


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.539 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

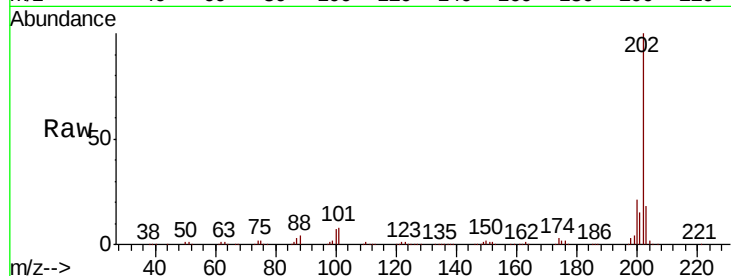
Tgt Ion:202 Resp: 466751

Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.7

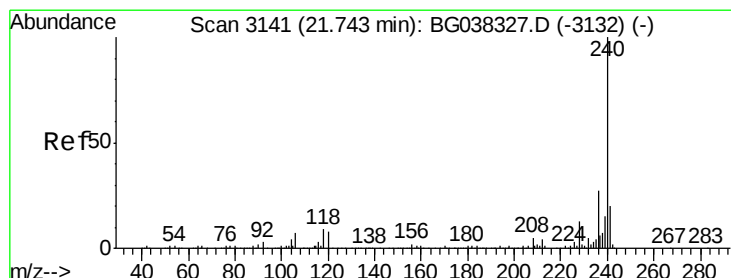
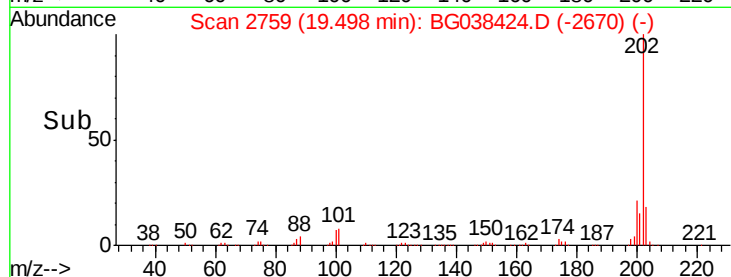
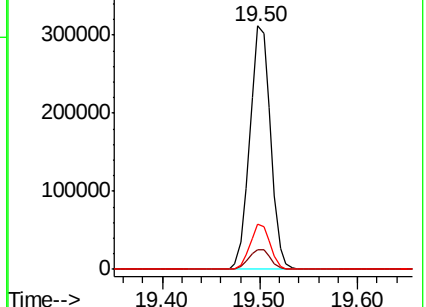
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

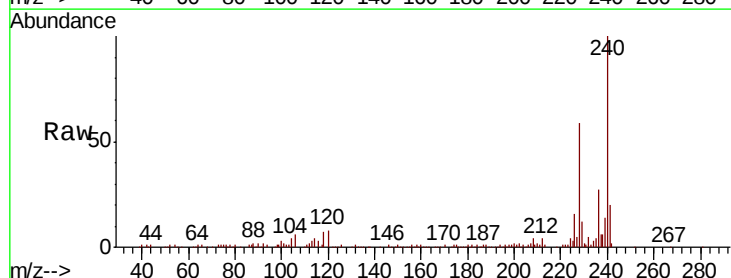
Tgt Ion:240 Resp: 163836

Ion Ratio Lower Upper

240 100

120 7.9 8.1 12.1#

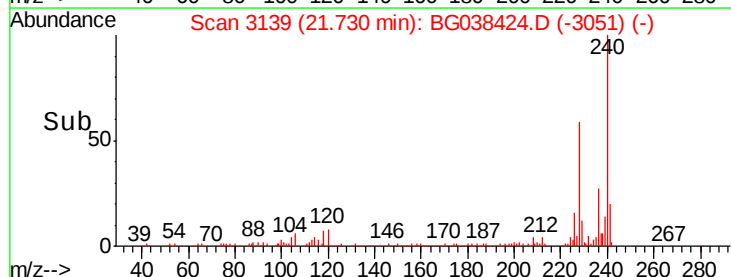
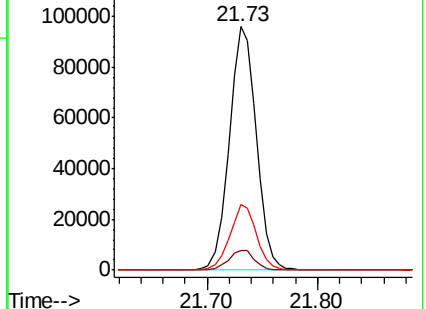
236 27.2 21.4 32.0

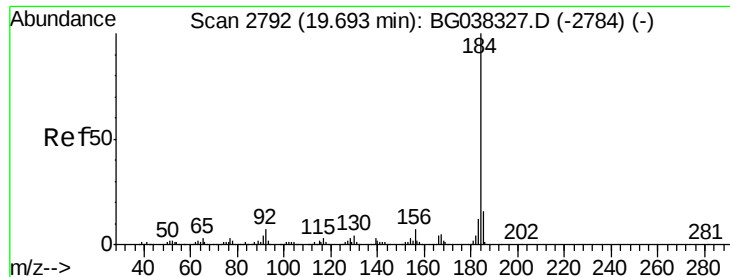


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.471 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

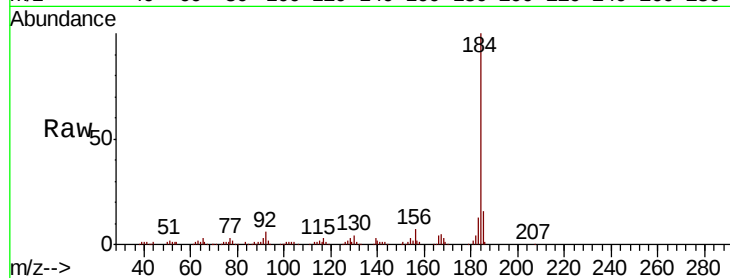
Tgt Ion:184 Resp: 185046

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

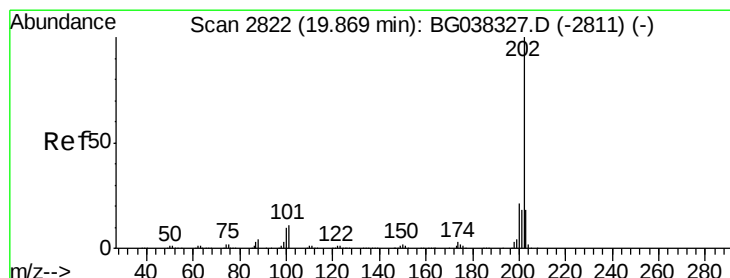
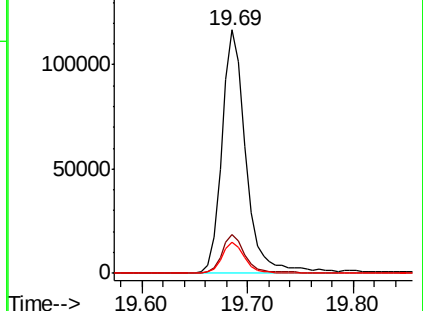
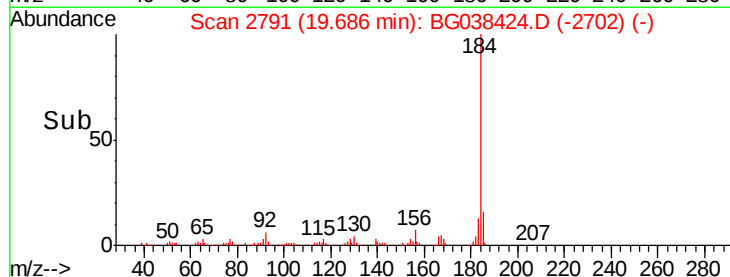
183 12.6 10.2 15.2



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: 40.163 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

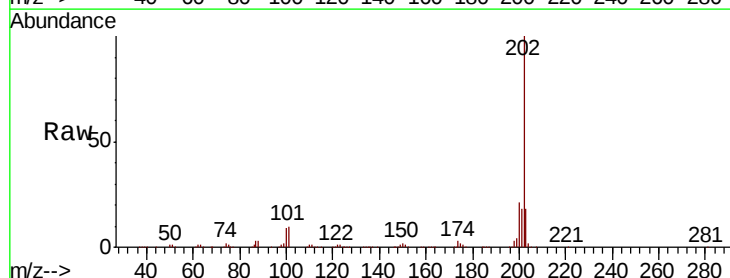
Tgt Ion:202 Resp: 460399

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

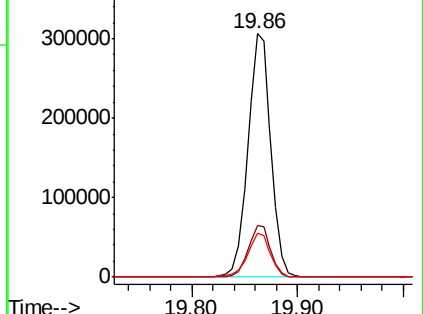
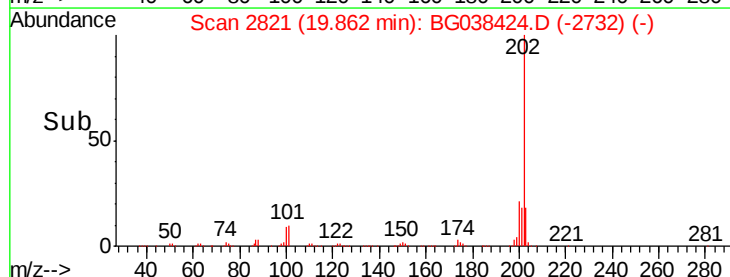
203 18.0 15.2 22.8

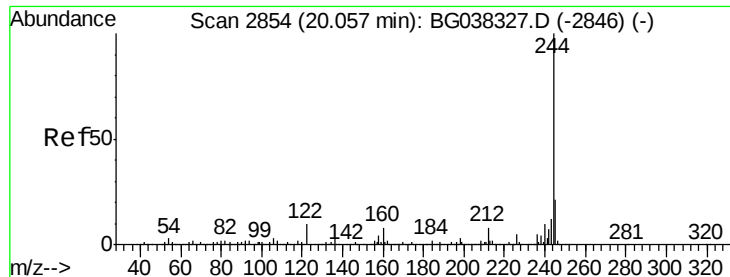


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.517 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

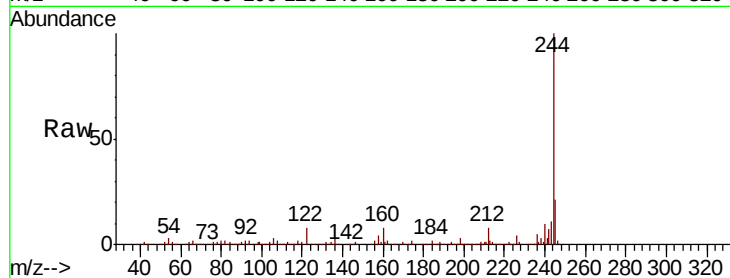
Tgt Ion:244 Resp: 661670

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

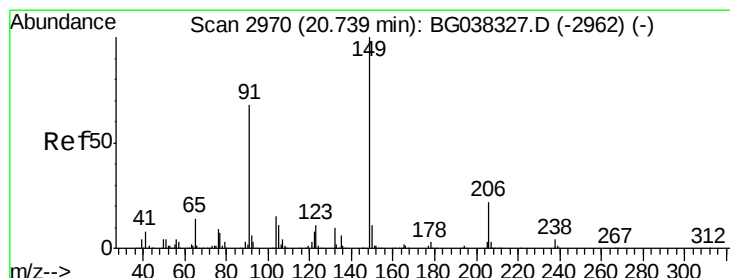
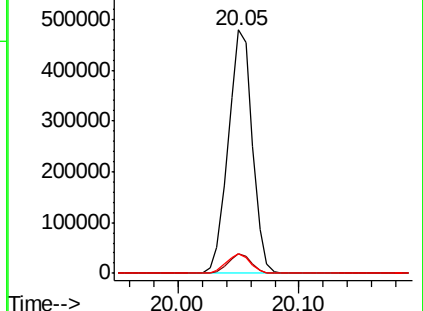
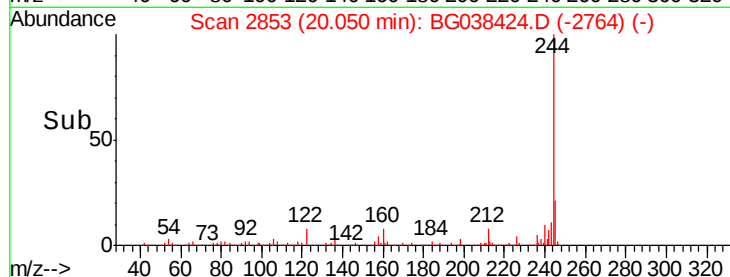
122 8.2 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.937 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

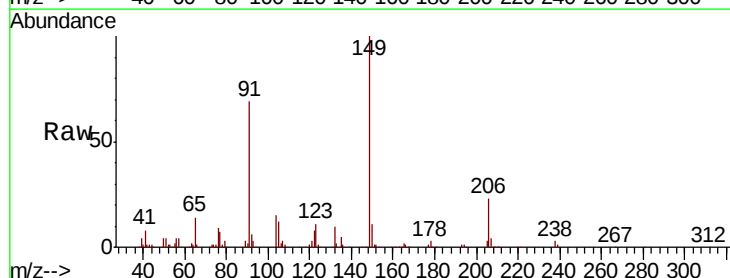
Tgt Ion:149 Resp: 184133

Ion Ratio Lower Upper

149 100

91 68.7 57.0 85.4

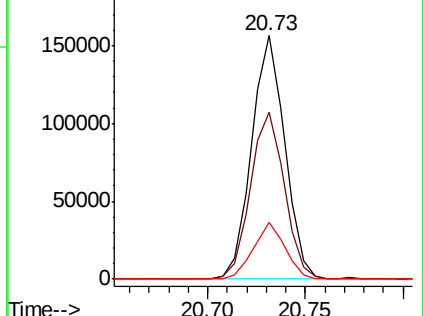
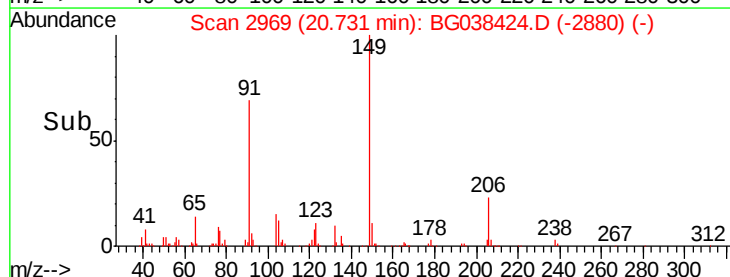
206 23.5 17.8 26.6

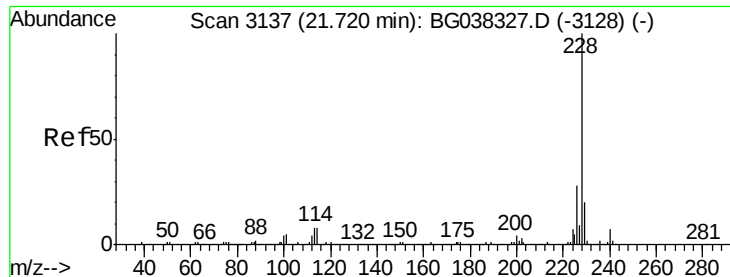


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

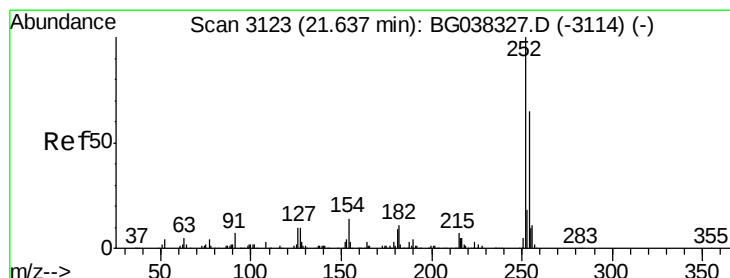
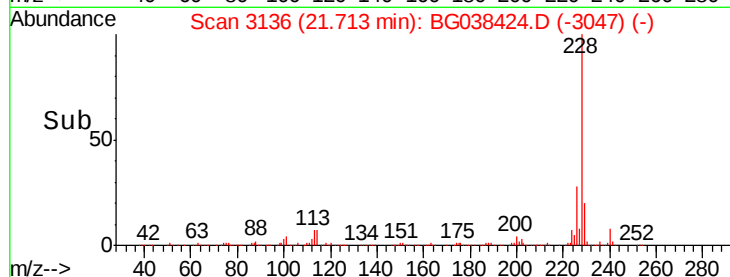
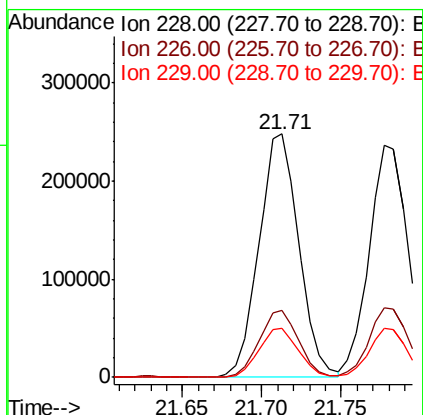
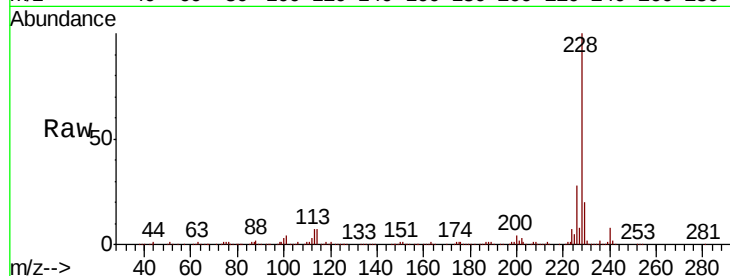




#81
Benzo(a)anthracene
Concen: 43.063 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

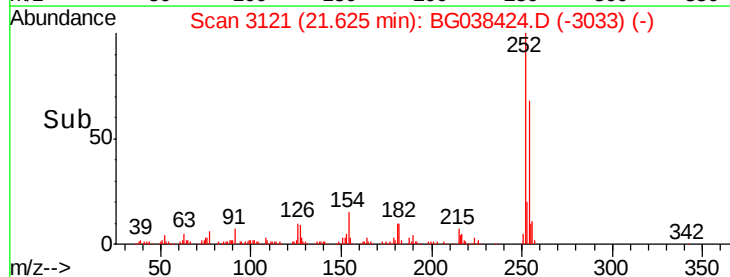
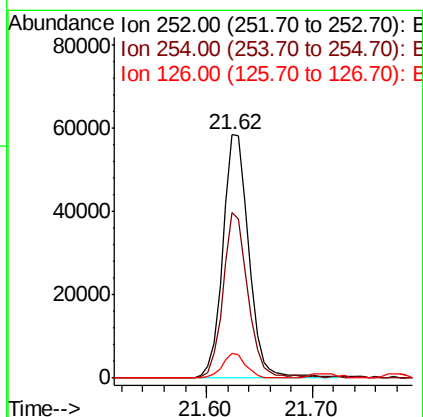
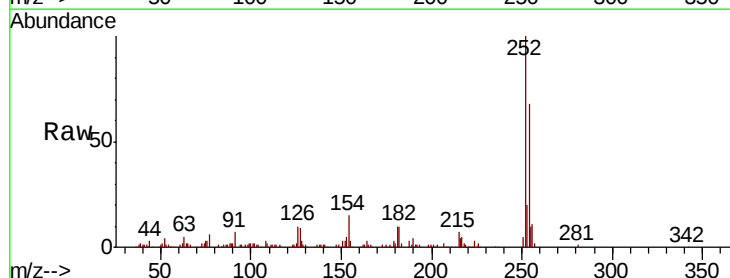
Instrument :
BNA_G
ClientSampleId :
PB115307BSD

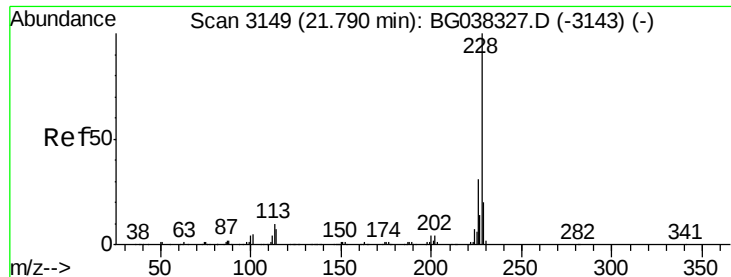
Tgt Ion:228 Resp: 433618
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 25.395 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:252 Resp: 99475
Ion Ratio Lower Upper
252 100
254 67.8 52.0 78.0
126 10.2 8.2 12.4





#83

Chrysene

Concen: 42.105 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

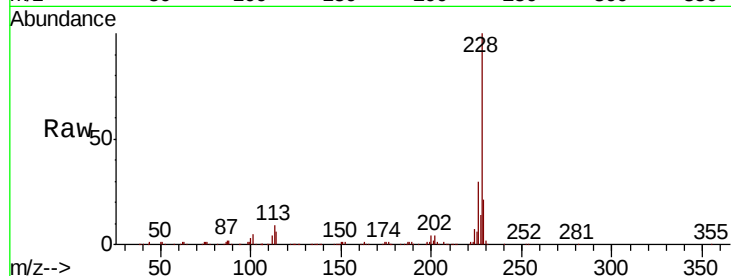
Tgt Ion:228 Resp: 401209

Ion Ratio Lower Upper

228 100

226 29.9 25.7 38.5

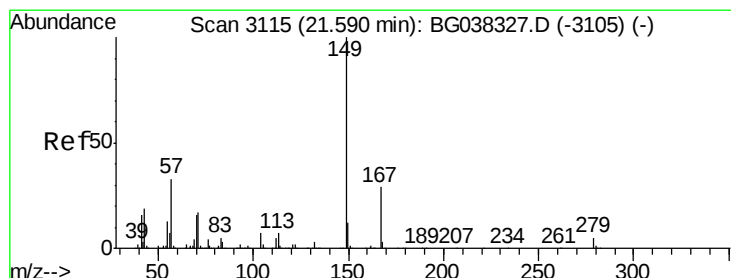
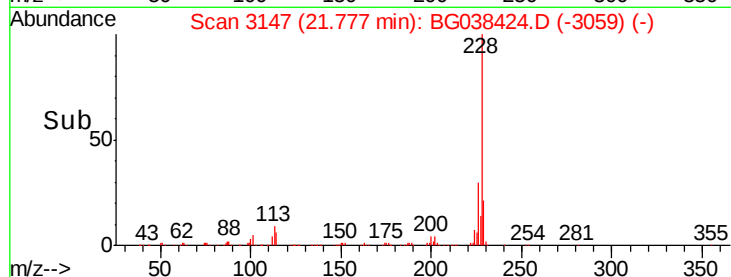
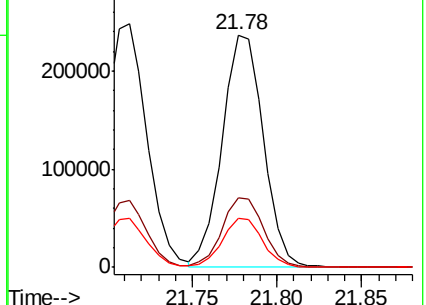
229 21.0 16.5 24.7



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: 39.131 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

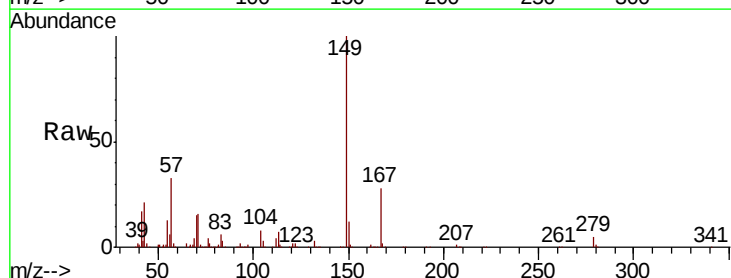
Tgt Ion:149 Resp: 255720

Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.4

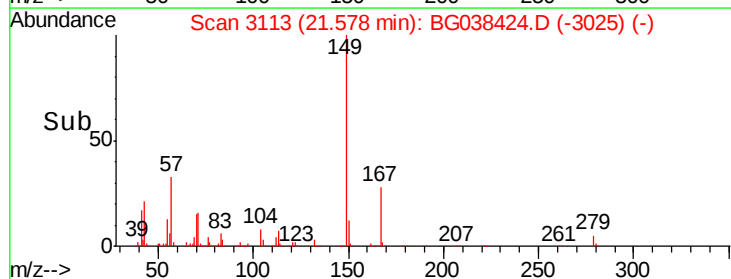
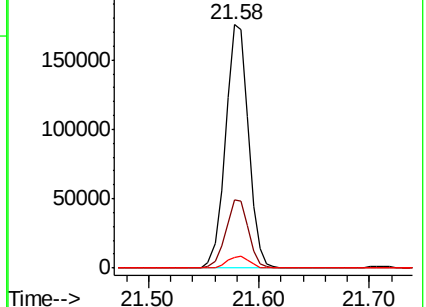
279 4.5 3.6 5.4

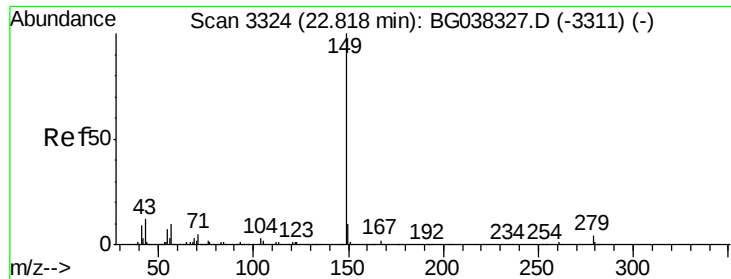


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.934 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

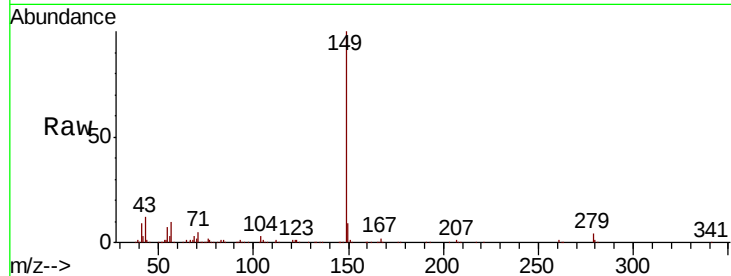
Tgt Ion:149 Resp: 436270

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

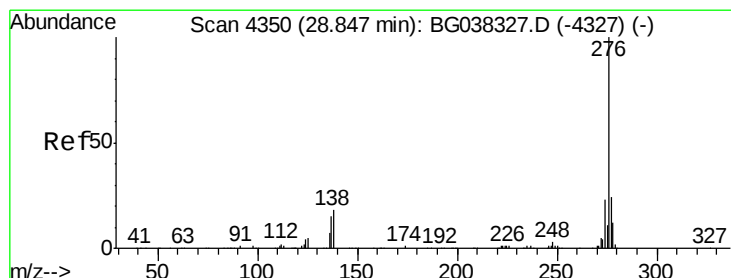
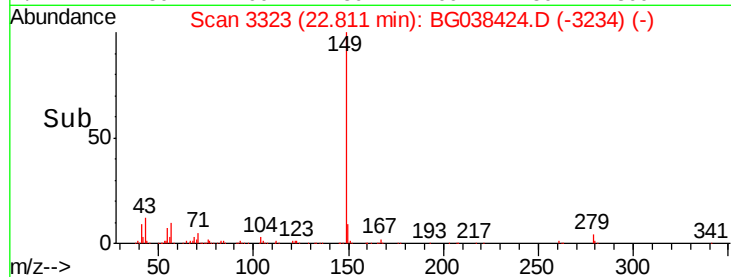
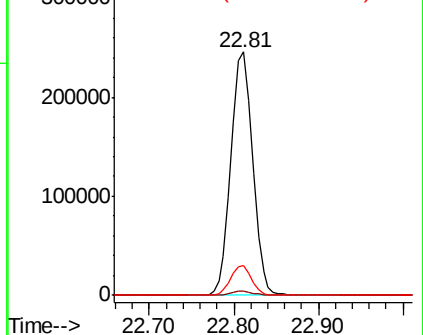
43 11.9 8.7 13.1



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: 44.117 ng

RT: 28.82 min Scan# 4346

Delta R.T. -0.02 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

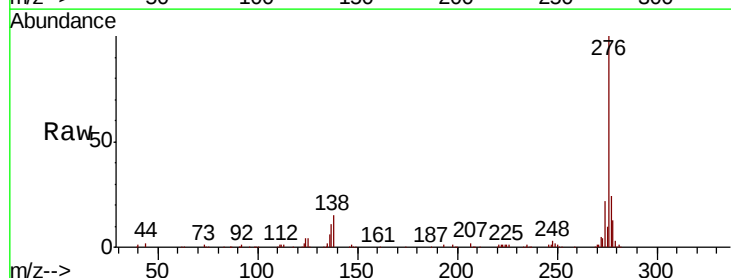
Tgt Ion:276 Resp: 477756

Ion Ratio Lower Upper

276 100

138 10.6 12.0 18.0#

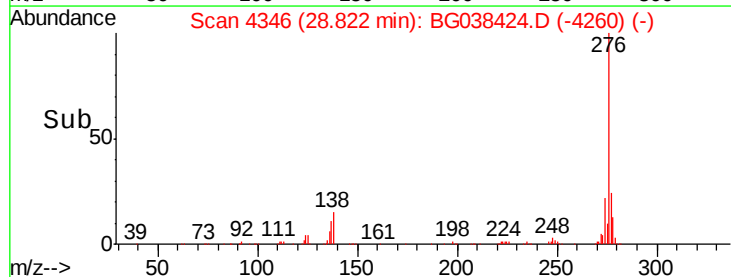
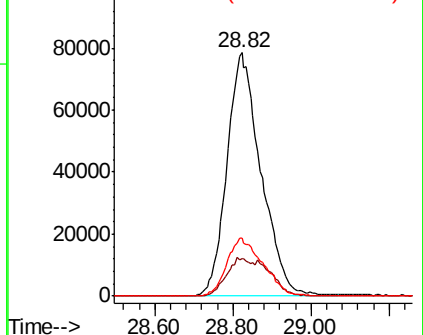
277 25.2 20.6 30.8

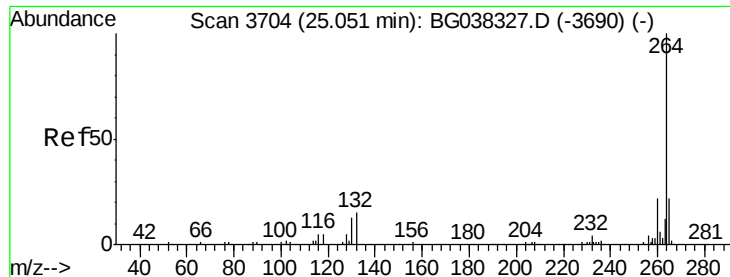


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



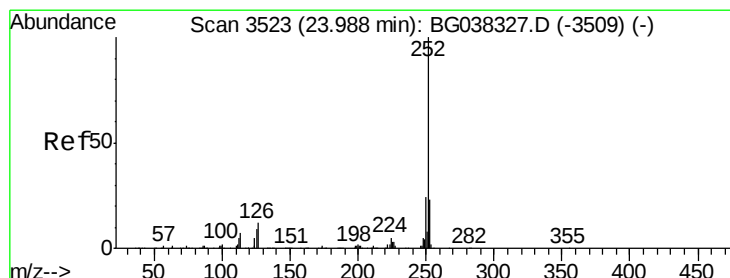
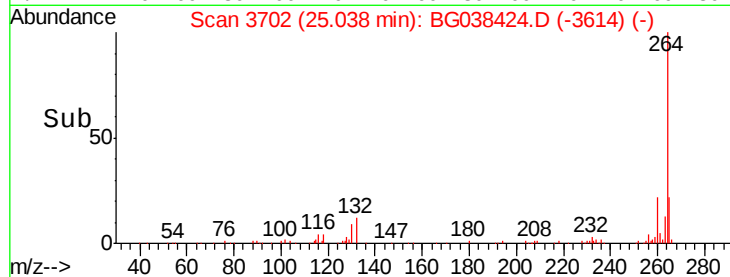
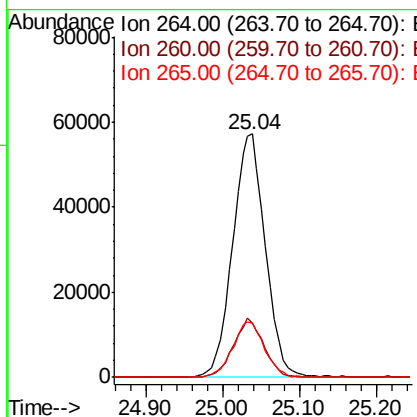
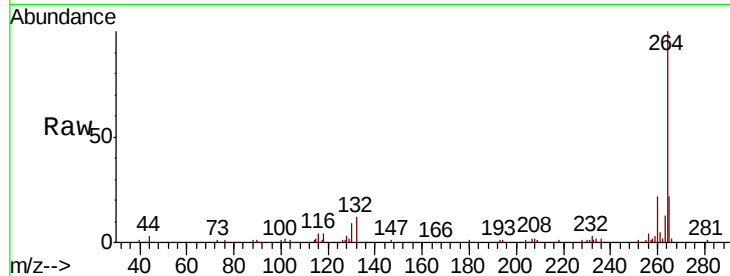


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tgt Ion:264 Resp: 168958

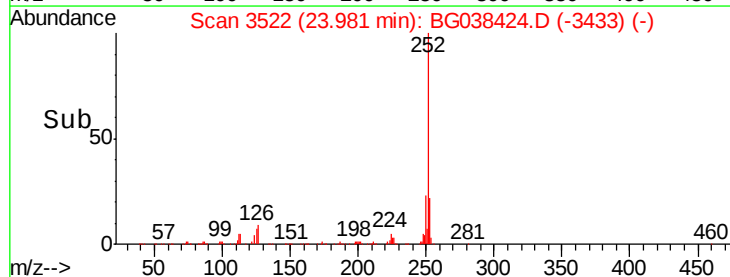
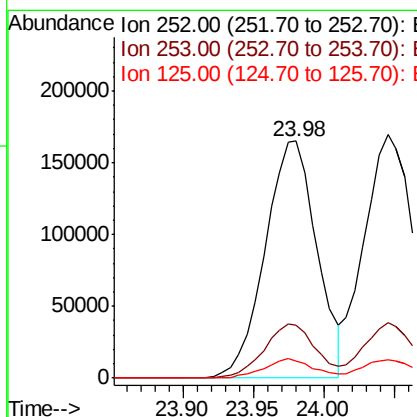
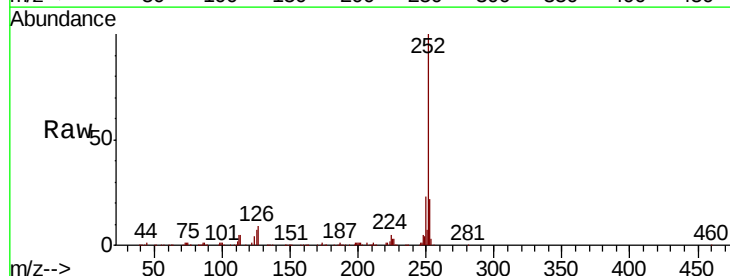
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	22.1	17.9	26.9

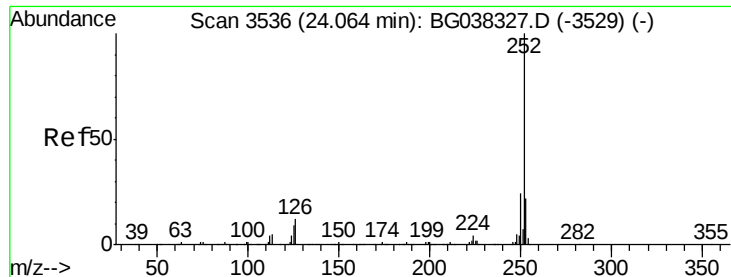


#88
Benzo(b)fluoranthene
Concen: 44.262 ng
RT: 23.98 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:252 Resp: 422560

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.1	7.8	11.6#

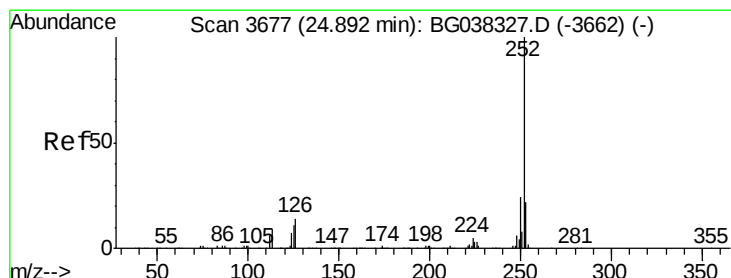
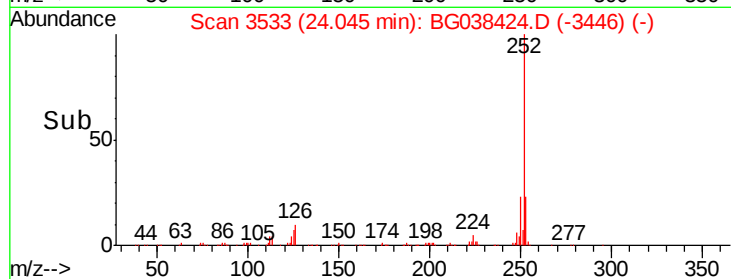
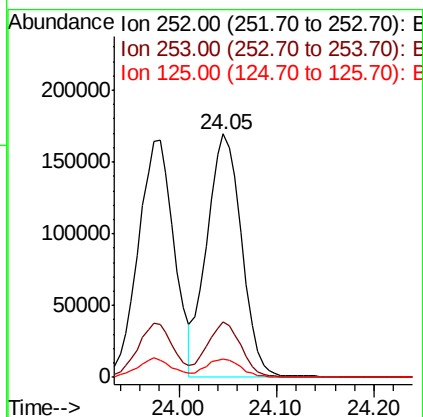
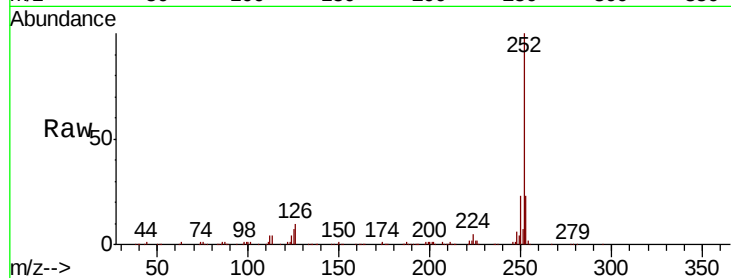




#89
Benzo(k)fluoranthene
Concen: 43.698 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

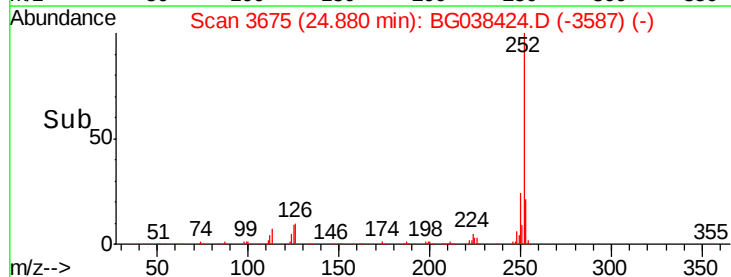
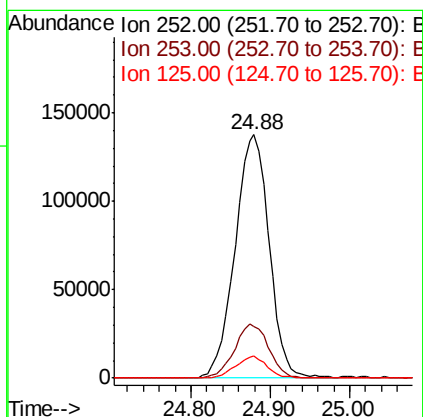
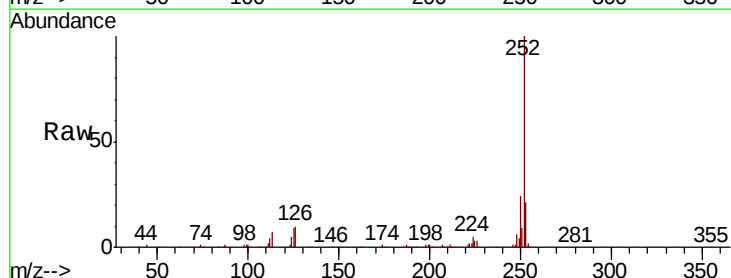
Instrument :
BNA_G
ClientSampleId :
PB115307BSD

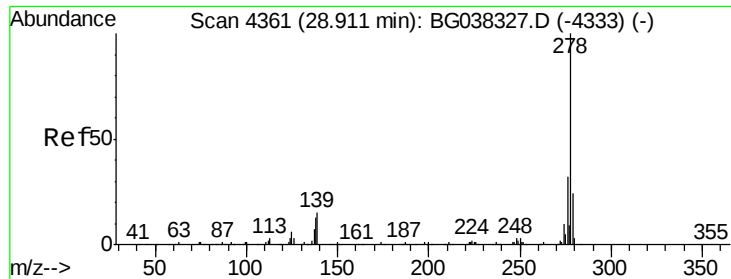
Tgt Ion:252 Resp: 415489
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 7.3 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 44.313 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion:252 Resp: 410347
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 9.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.374 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.02 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

ClientSampleId :

PB115307BSD

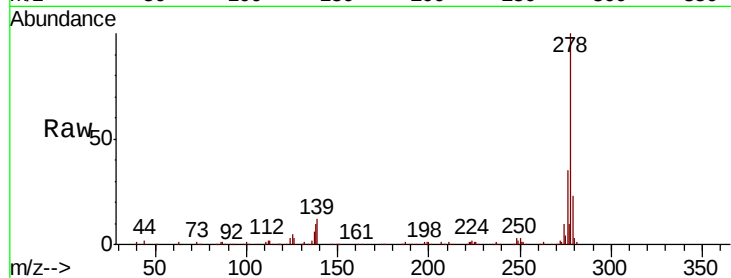
Tgt Ion:278 Resp: 389724

Ion Ratio Lower Upper

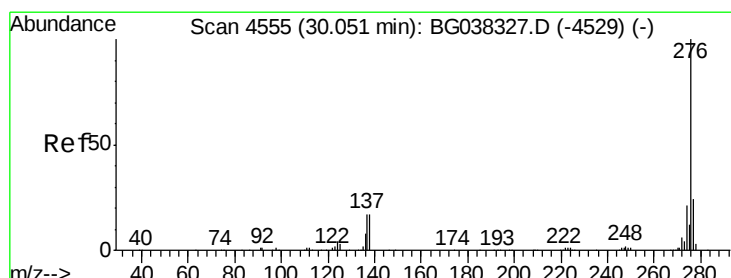
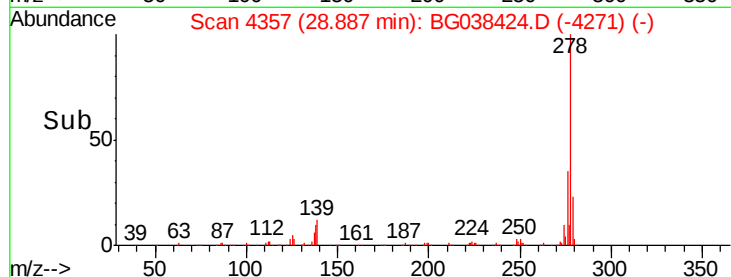
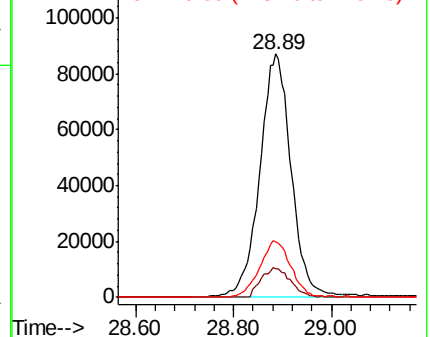
278 100

139 11.9 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: 45.982 ng

RT: 30.01 min Scan# 4549

Delta R.T. -0.04 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

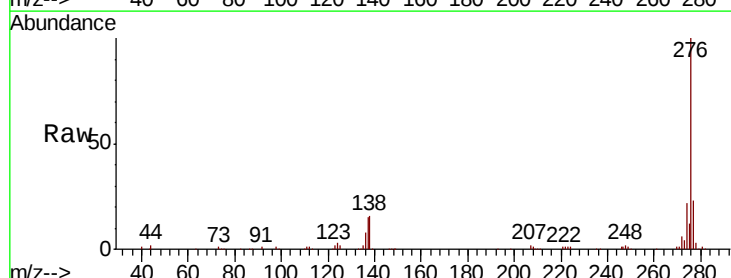
Tgt Ion:276 Resp: 400677

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 16.0 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

