

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038420.D
 Acq On : 8 Dec 2018 2:02
 Operator : JU/SJ
 Sample : PB115253BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Quant Time: Dec 08 04:00:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27825	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119225	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	73285	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	184062	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	179437	20.00	ng	-0.01
87) Perylene-d12	25.03	264	193715	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	190944	121.44	ng	0.00
7) Phenol-d6	7.22	99	261333	114.99	ng	0.00
23) Nitrobenzene-d5	9.25	82	134228	55.90	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	122573	136.24	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	315478	61.34	ng	0.00
79) Terphenyl-d14	20.05	244	618270	73.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	22877	31.745	ng	# 91
3) Pyridine	3.90	79	69369	32.176	ng	90
4) n-Nitrosodimethylamine	3.82	42	39663	41.999	ng	# 77
6) Aniline	7.40	93	94838	32.674	ng	97
8) 2-Chlorophenol	7.63	128	73296	40.138	ng	99
9) Benzaldehyde	7.21	77	30114	20.926	ng	99
10) Phenol	7.25	94	92491	38.520	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	64777	32.940	ng	97
12) 1,3-Dichlorobenzene	7.95	146	72918	34.165	ng	94
13) 1,4-Dichlorobenzene	8.10	146	77847	35.253	ng	97
14) 1,2-Dichlorobenzene	8.42	146	73378	35.092	ng	98
15) Benzyl Alcohol	8.31	79	70495	37.731	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	147430	32.960	ng	96
17) 2-Methylphenol	8.51	107	66278	39.324	ng	94
18) Hexachloroethane	9.15	117	28529	35.795	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	56204	33.496	ng	91
20) 3+4-Methylphenols	8.83	107	89939	37.180	ng	98
22) Acetophenone	8.90	105	107684	37.238	ng	# 97
24) Nitrobenzene	9.29	77	87694	35.943	ng	99
25) Isophorone	9.80	82	184262	43.662	ng	98
26) 2-Nitrophenol	10.00	139	45477	40.228	ng	90
27) 2,4-Dimethylphenol	10.04	122	81807	50.382	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	99596	41.167	ng	97
29) 2,4-Dichlorophenol	10.53	162	112648	60.776	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	96991	44.577	ng	99
31) Naphthalene	10.94	128	236994	41.614	ng	99
32) Benzoic acid	10.19	122	38033	34.481	ng	91
33) 4-Chloroaniline	11.06	127	24535	9.732	ng	95
34) Hexachlorobutadiene	11.20	225	50692	37.241	ng	98
35) Caprolactam	11.84	113	29494	38.480	ng	93
36) 4-Chloro-3-methylphenol	12.16	107	85145	41.345	ng	99
37) 2-Methylnaphthalene	12.54	142	170547	42.051	ng	97
38) 1-Methylnaphthalene	12.75	142	162204	41.757	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	96139	38.124	ng	99

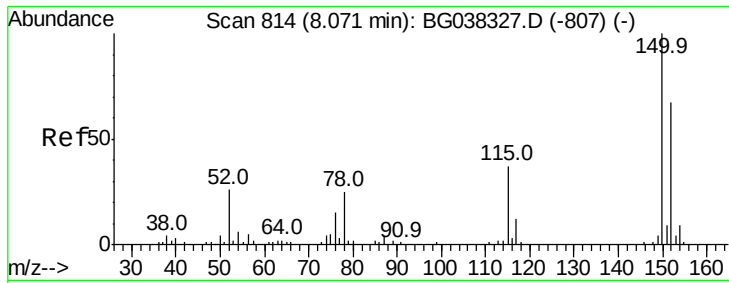
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038420.D
 Acq On : 8 Dec 2018 2:02
 Operator : JU/SJ
 Sample : PB115253BS
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Instrument :
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Quant Time: Dec 08 04:00:01 2018
 Quant Method : 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)
41) Hexachlorocyclopentadiene	12.87	237	134700	97.201	nq	98
43) 2,4,6-Trichlorophenol	13.14	196	68127	41.705	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	77894	45.011	nq	96
46) 1,1'-Biphenyl	13.54	154	224187	36.190	nq	98
47) 2-Chloronaphthalene	13.59	162	179048	38.303	nq	98
48) 2-Nitroaniline	13.80	65	63515	40.500	nq	98
49) Acenaphthylene	14.43	152	298907	42.457	nq	99
50) Dimethylphthalate	14.15	163	246042	41.857	nq	99
51) 2,6-Dinitrotoluene	14.29	165	55782	41.544	nq	95
52) Acenaphthene	14.77	154	168599	39.283	nq	98
53) 3-Nitroaniline	14.62	138	42467	29.366	nq #	99
54) 2,4-Dinitrophenol	14.82	184	71774	97.512	nq #	84
55) Dibenzofuran	15.11	168	290277	40.911	nq	97
56) 4-Nitrophenol	14.92	139	86111	75.381	nq #	76
57) 2,4-Dinitrotoluene	15.07	165	80174	43.292	nq	97
58) Fluorene	15.75	166	231619	44.308	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	67847	45.141	nq	98
60) Diethylphthalate	15.51	149	256761	39.428	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	126559	40.307	nq	99
62) 4-Nitroaniline	15.79	138	58854	41.379	nq	85
63) Azobenzene	16.03	77	229481	40.265	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	50026	41.481	nq	96
66) n-Nitrosodiphenylamine	15.96	169	213409	41.231	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	84395	42.459	nq	98
68) Hexachlorobenzene	16.74	284	86598	42.239	nq	98
69) Atrazine	16.90	200	83609	43.291	nq	96
70) Pentachlorophenol	17.10	266	104680	74.544	nq	96
71) Phenanthrene	17.50	178	407083	44.163	nq	98
72) Anthracene	17.58	178	412320	46.191	nq	99
73) Carbazole	17.86	167	373492	42.157	nq	100
74) Di-n-butylphthalate	18.39	149	457689	44.221	nq	98
75) Fluoranthene	19.50	202	505560	46.944	nq	97
77) Benzidine	19.69	184	181891	30.040	nq	99
78) Pyrene	19.86	202	502250	40.004	nq	98
80) Butylbenzylphthalate	20.73	149	202048	40.013	nq	98
81) Benzo(a)anthracene	21.72	228	473059	42.895	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	143220	33.383	nq	98
83) Chrysene	21.78	228	440852	42.242	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	278462	38.906	nq	99
85) Di-n-octyl phthalate	22.81	149	674064	54.926	nq	100
86) Indeno(1,2,3-cd)pyrene	28.82	276	514554	43.383	nq	99
88) Benzo(b)fluoranthene	23.98	252	477789	43.651	nq	98
89) Benzo(k)fluoranthene	24.05	252	451257	41.395	nq	99
90) Benzo(a)pyrene	24.88	252	450311	42.414	nq #	97
91) Dibenzo(a,h)anthracene	28.89	278	421162	41.825	nq	97
92) Benzo(g,h,i)perylene	30.02	276	420157	42.055	nq #	95

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

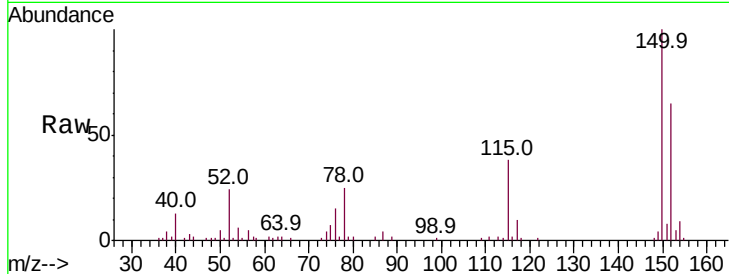


#1

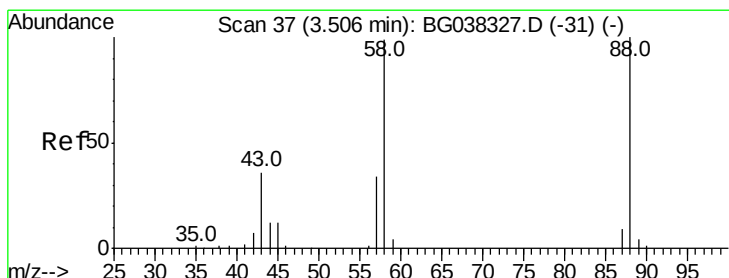
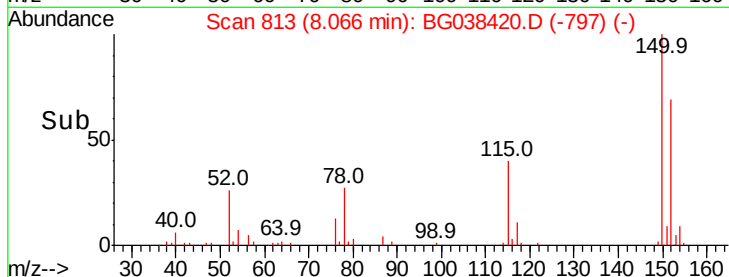
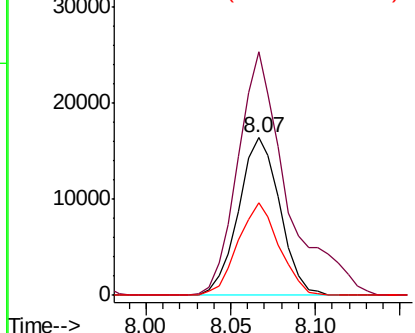
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:152 Resp: 27825
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 58.5 45.5 68.3



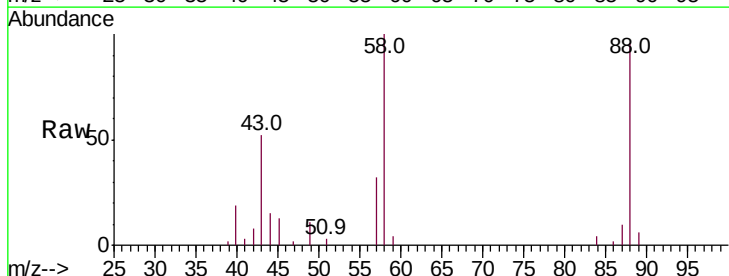
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



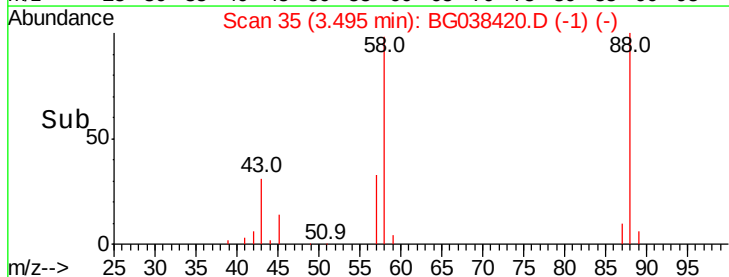
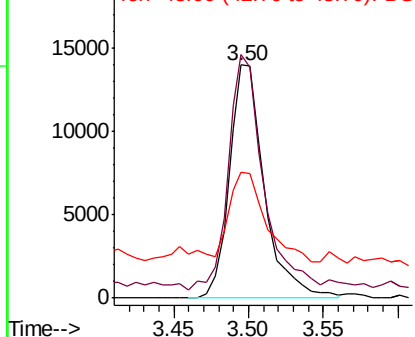
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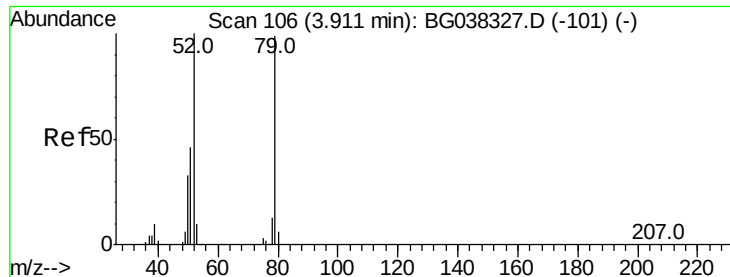
1,4-Dioxane
Concen: 31.745 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion: 88 Resp: 22877
Ion Ratio Lower Upper
88 100
58 100.7 74.4 111.6
43 39.9 25.8 38.8#



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

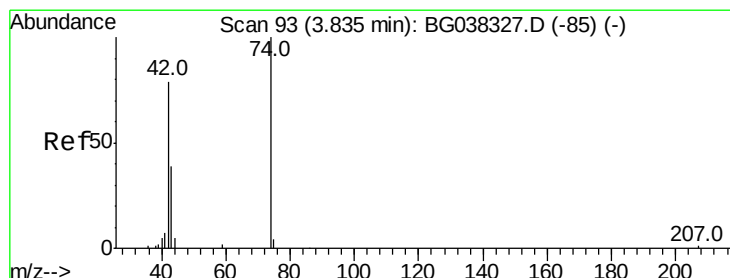
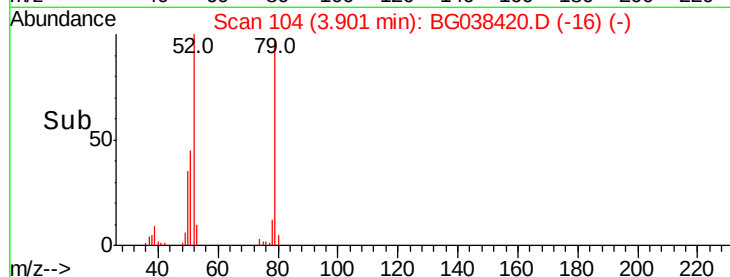
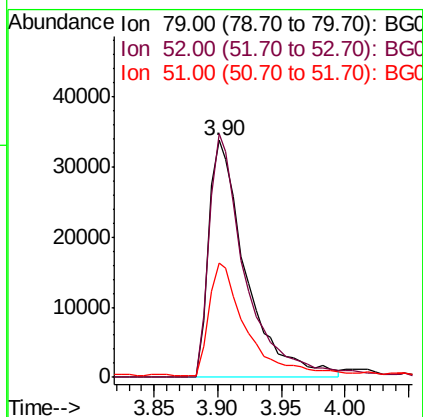
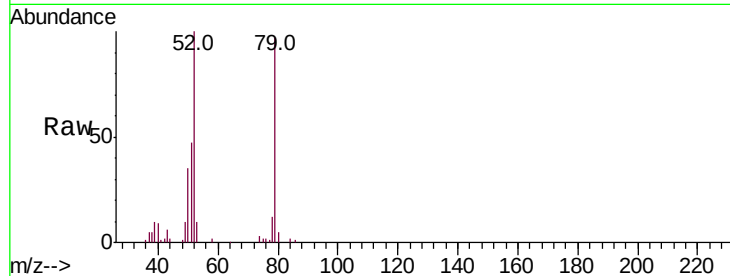




#3
 Pvridine
 Concen: 32.176 ng
 RT: 3.90 min Scan# 104
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

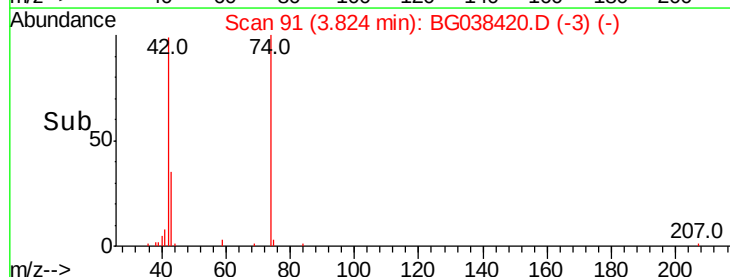
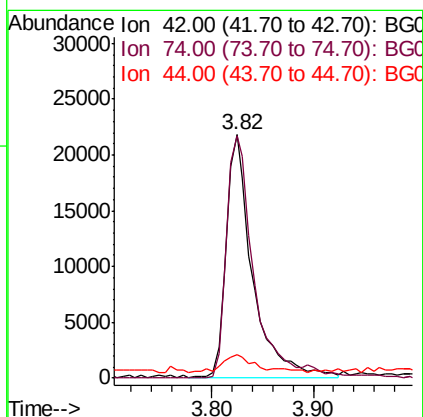
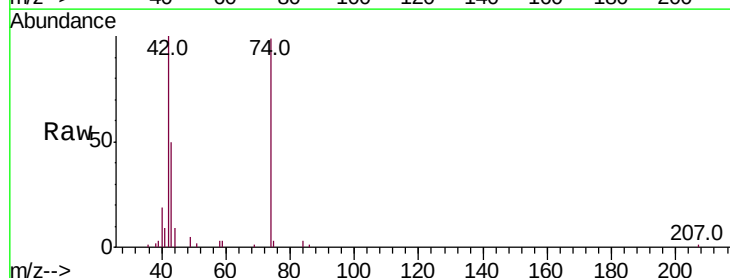
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

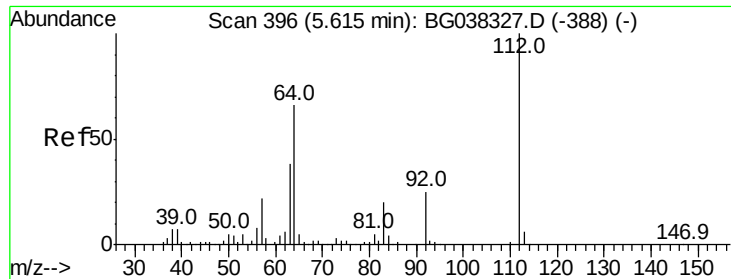
Tot Ion: 79 Resp: 69369
 Ion Ratio Lower Upper
 79 100
 52 102.7 74.2 111.2
 51 48.1 34.6 51.8



#4
 n-Nitrosodimethylamine
 Concen: 41.999 ng
 RT: 3.82 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion: 42 Resp: 39663
 Ion Ratio Lower Upper
 42 100
 74 99.3 102.0 153.0#
 44 9.5 9.6 14.4#





#5

2-Fluorophenol

Concen: 121.439 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

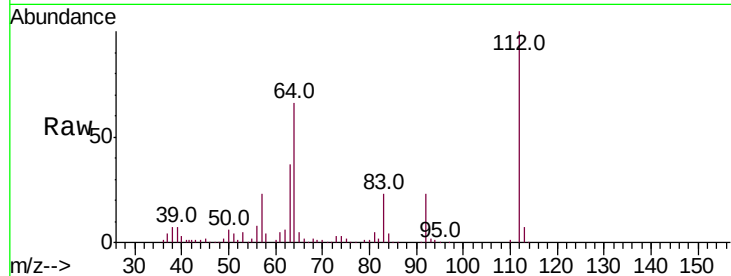
Tot Ion:112 Resp: 190944

Ion Ratio Lower Upper

112 100

64 66.4 53.1 79.7

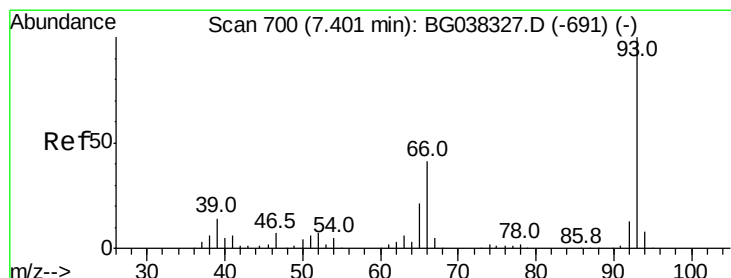
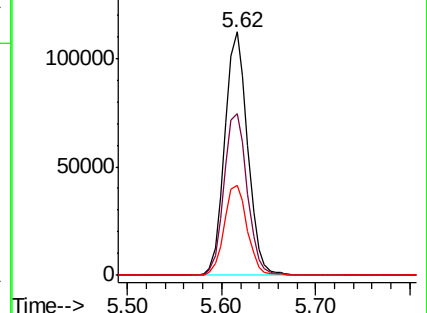
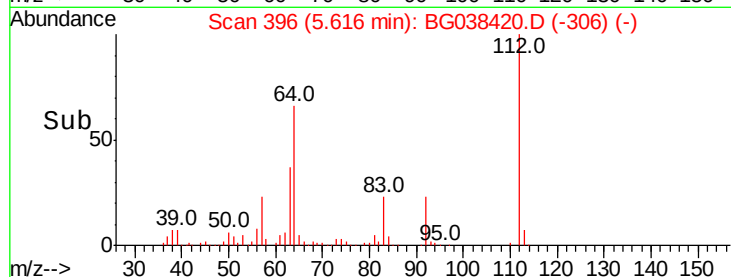
63 37.2 27.3 40.9



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: 32.674 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

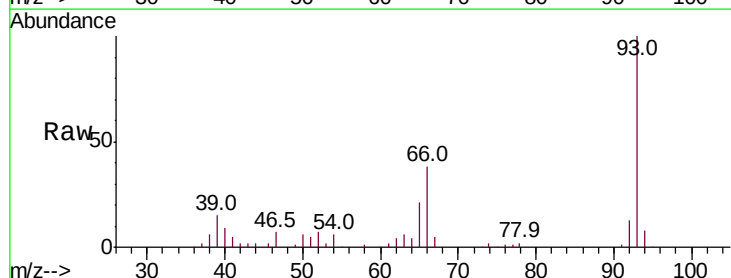
Tgt Ion: 93 Resp: 94838

Ion Ratio Lower Upper

93 100

66 38.2 32.8 49.2

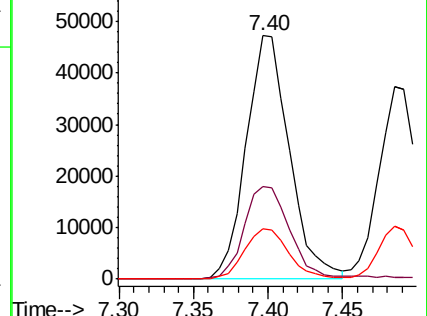
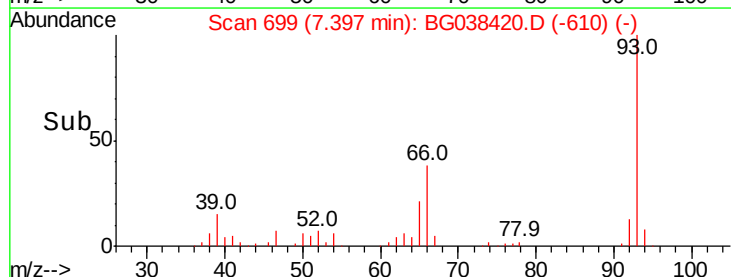
65 20.8 16.4 24.6

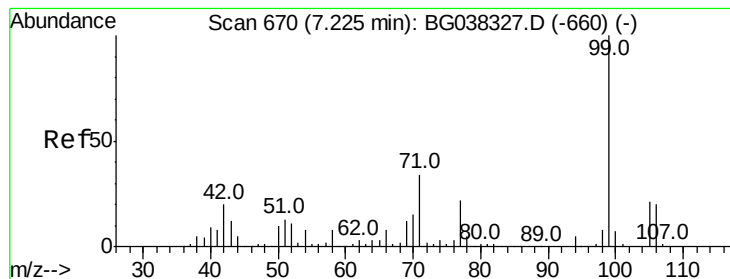


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.994 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

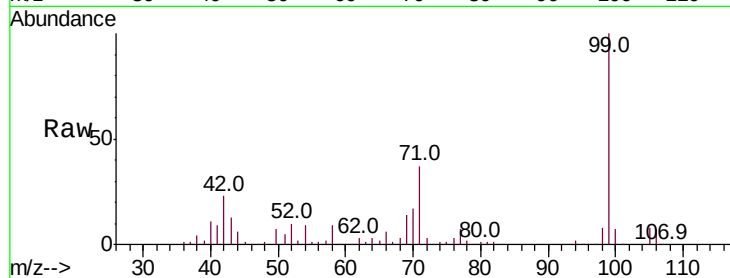
Tot Ion: 99 Resp: 261333

Ion Ratio Lower Upper

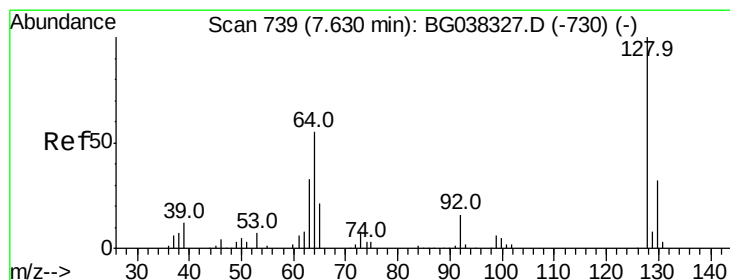
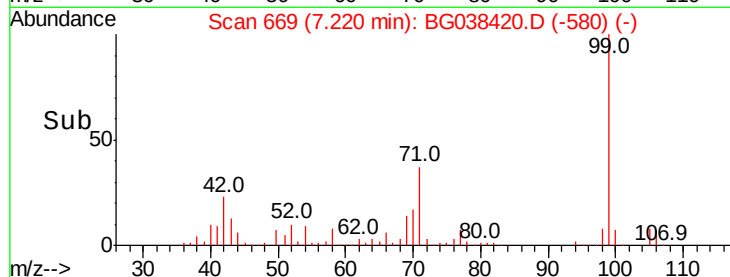
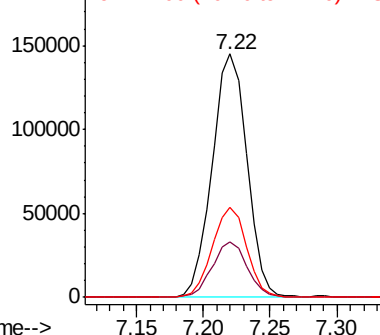
99 100

42 22.6 15.0 22.4#

71 37.2 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: 40.138 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

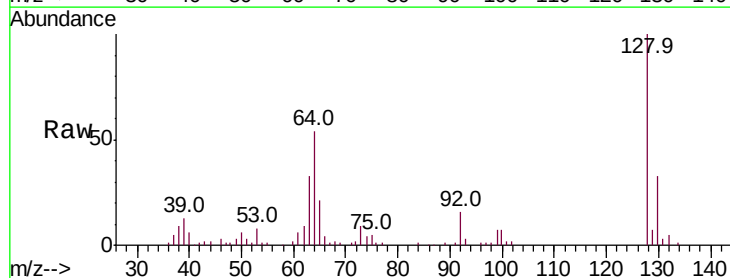
Tgt Ion: 128 Resp: 73296

Ion Ratio Lower Upper

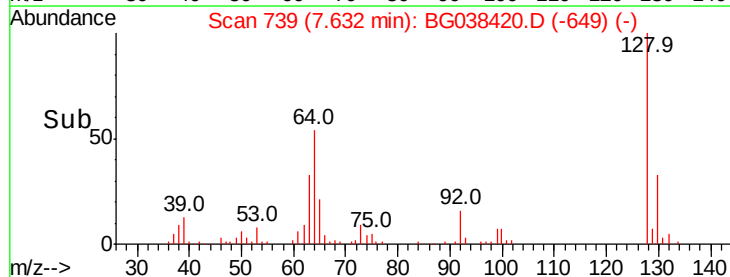
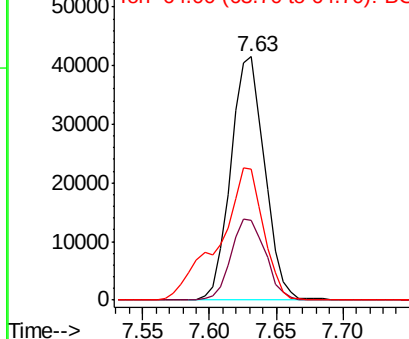
128 100

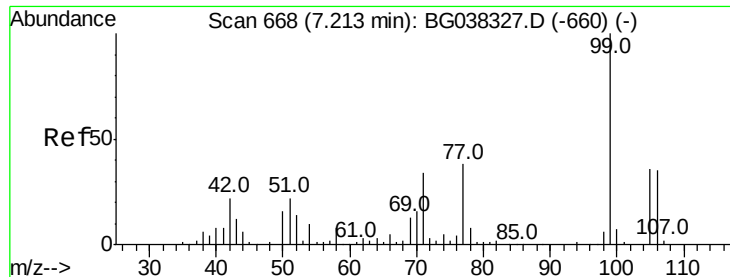
130 32.6 12.0 52.0

64 53.7 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: 20.926 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

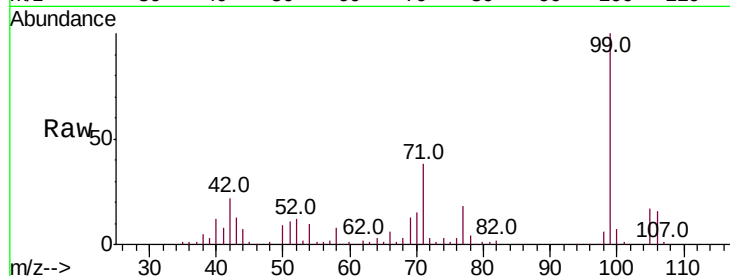
Tot Ion: 77 Resp: 30114

Ion Ratio Lower Upper

77 100

105 94.1 72.6 112.6

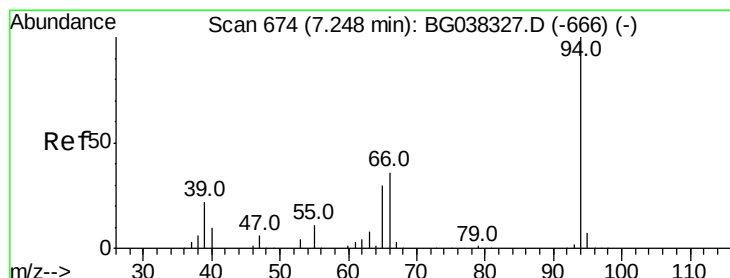
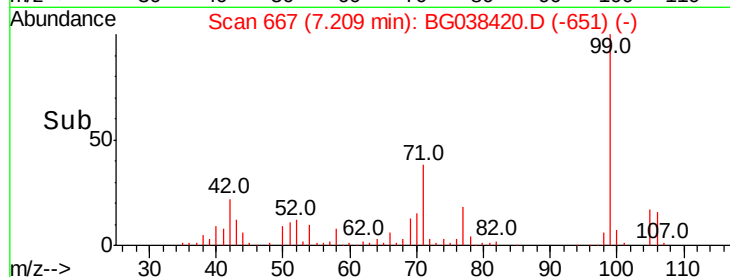
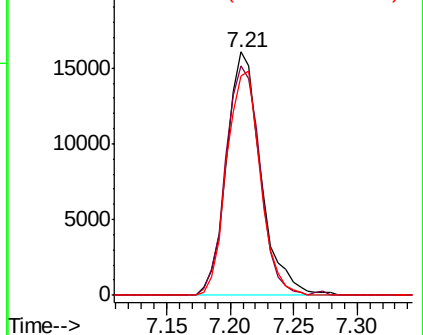
106 90.1 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.520 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

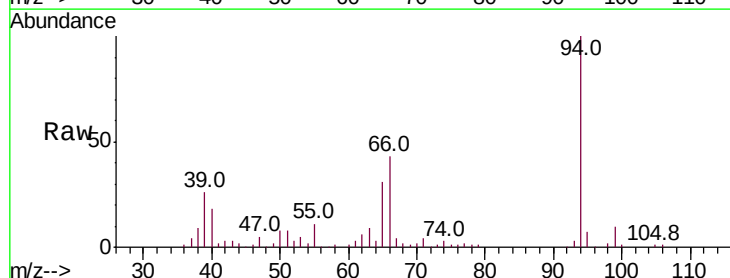
Tgt Ion: 94 Resp: 92491

Ion Ratio Lower Upper

94 100

65 31.5 9.7 49.7

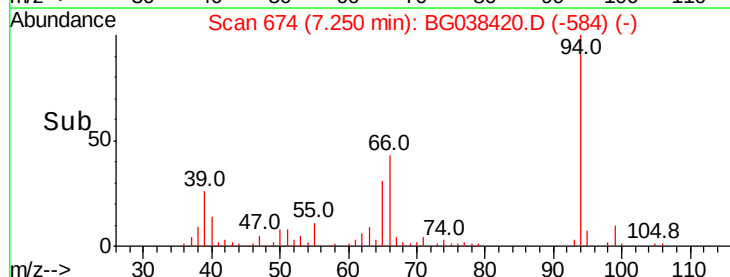
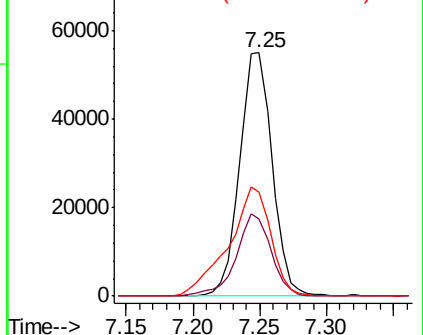
66 42.9 15.9 55.9

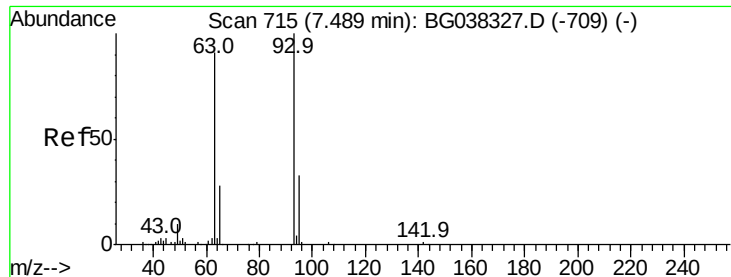


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 32.940 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

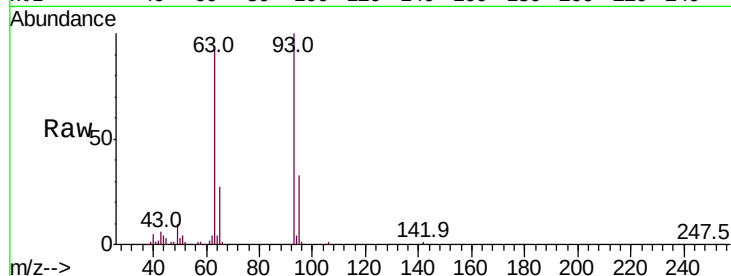
Tot Ion: 93 Resp: 64777

Ion Ratio Lower Upper

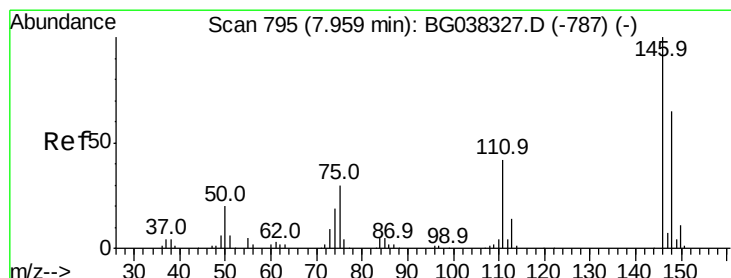
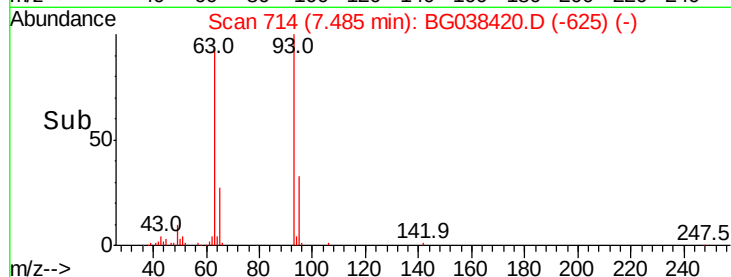
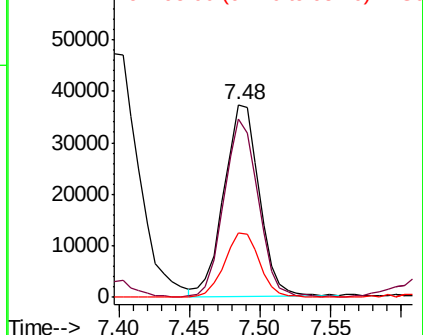
93 100

63 92.7 69.5 109.5

95 33.3 12.6 52.6



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



#12

1,3-Dichlorobenzene

Concen: 34.165 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

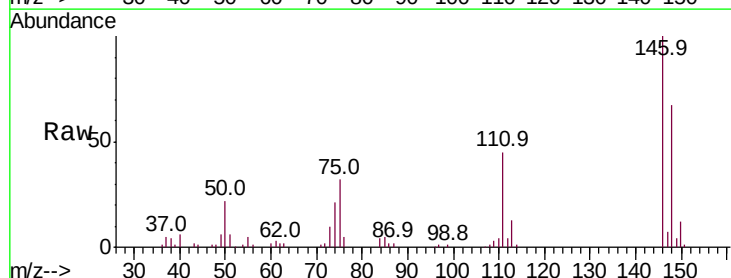
Tgt Ion: 146 Resp: 72918

Ion Ratio Lower Upper

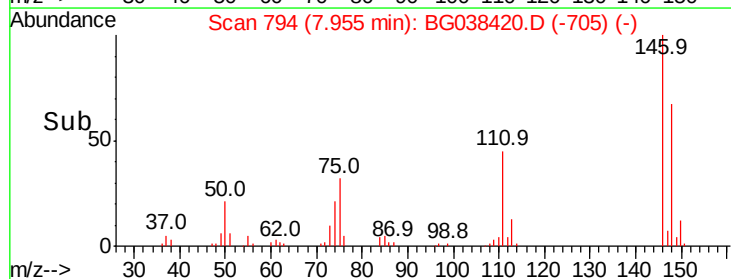
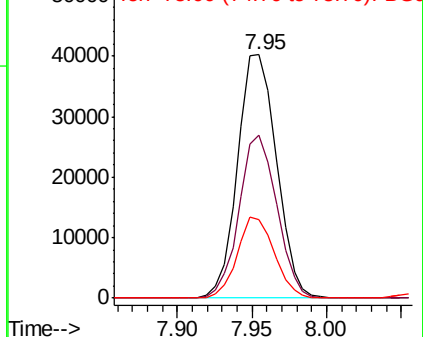
146 100

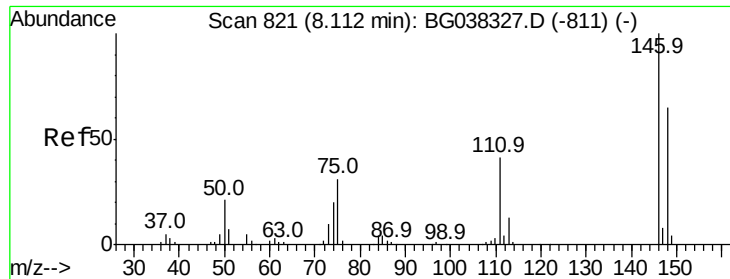
148 66.9 49.8 74.8

75 32.0 23.2 34.8



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

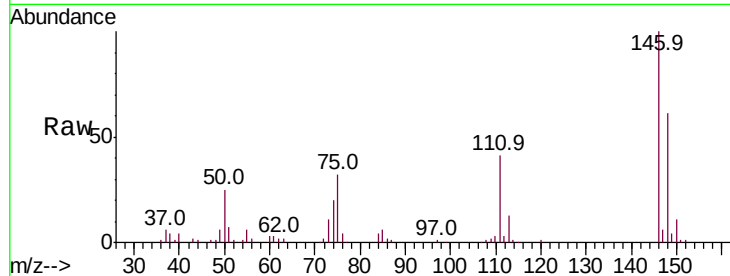




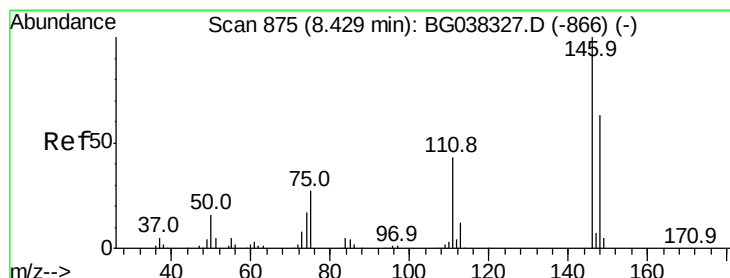
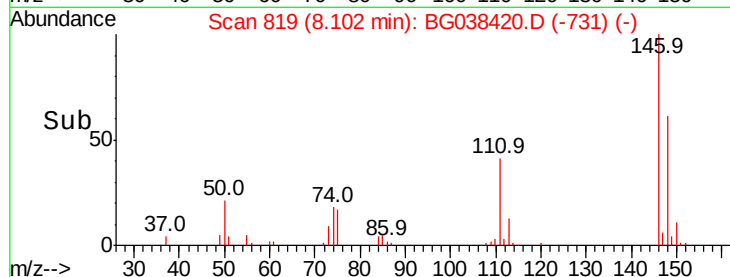
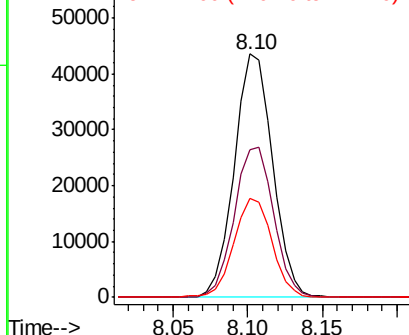
#13
 1,4-Dichlorobenzene
 Concen: 35.253 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion:146 Resp: 77847
 Ion Ratio Lower Upper
 146 100
 148 60.6 51.0 76.6
 111 40.8 32.4 48.6

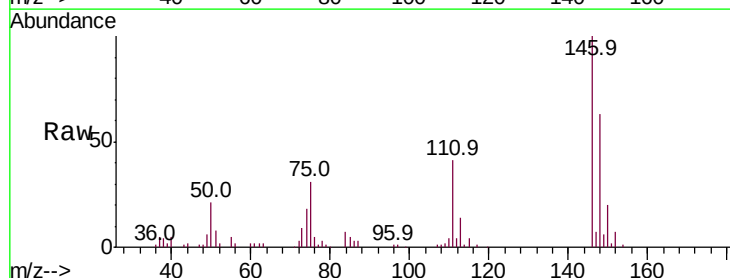


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

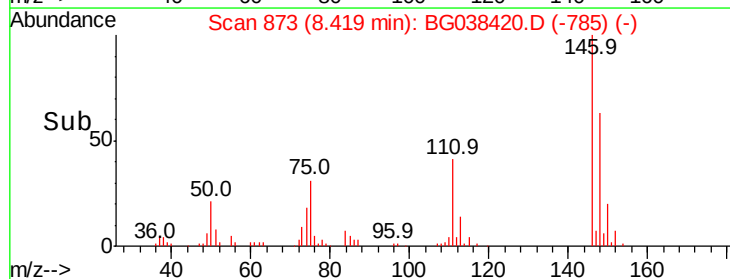
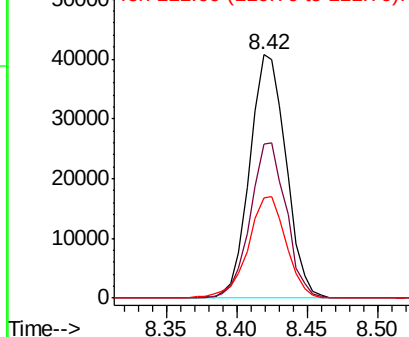


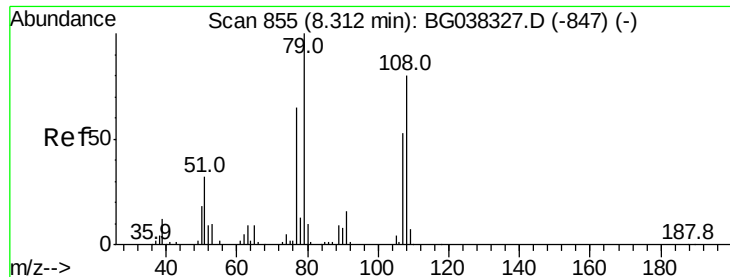
#14
 1,2-Dichlorobenzene
 Concen: 35.092 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:146 Resp: 73378
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 40.9 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: 37.731 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

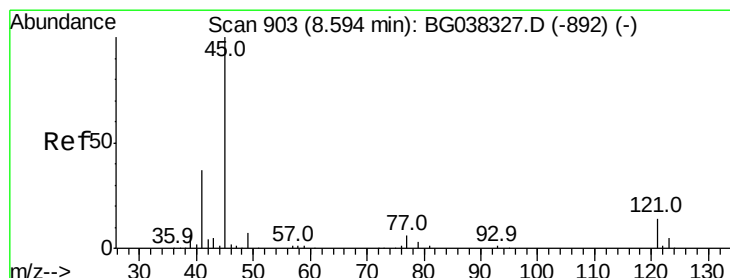
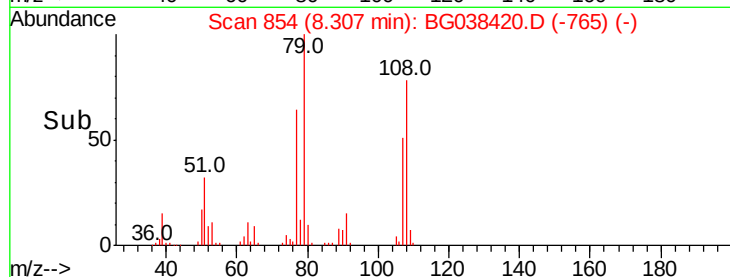
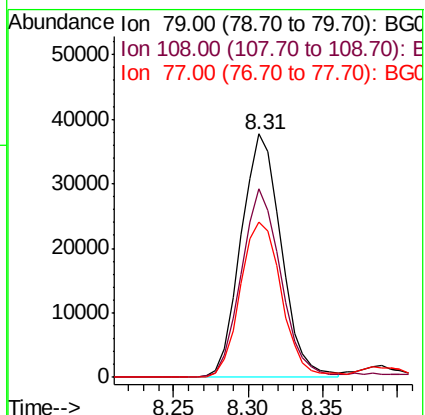
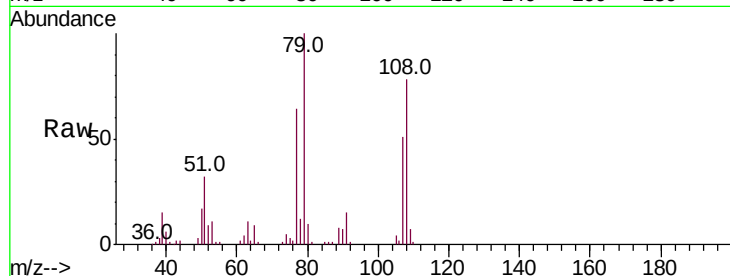
Tot Ion: 79 Resp: 70495

Ion Ratio Lower Upper

79 100

108 77.7 65.8 98.8

77 63.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.960 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

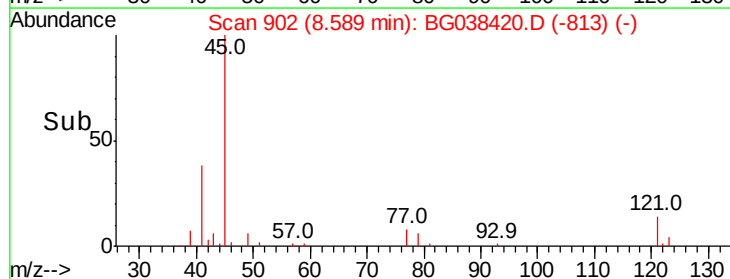
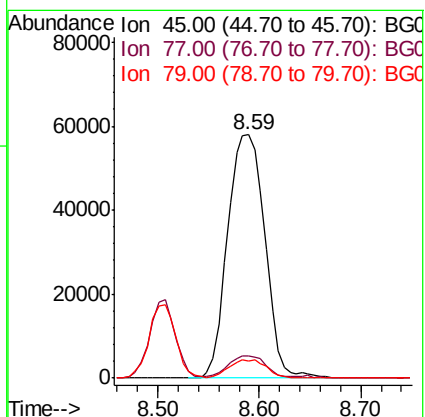
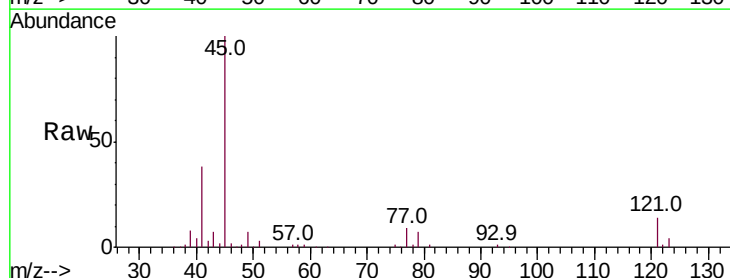
Tgt Ion: 45 Resp: 147430

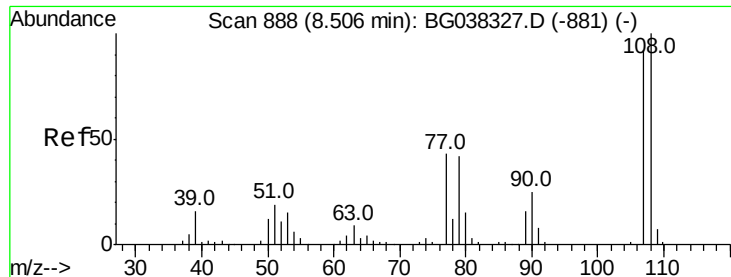
Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

79 7.1 0.0 29.0

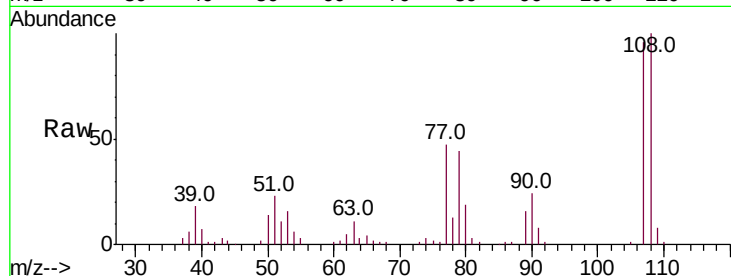




#17
2-Methylphenol
Concen: 39.324 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.2	87.9	131.9
77	48.8	35.1	52.7
79	45.5	34.5	51.7



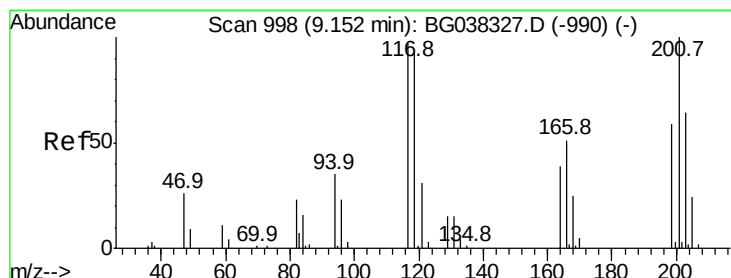
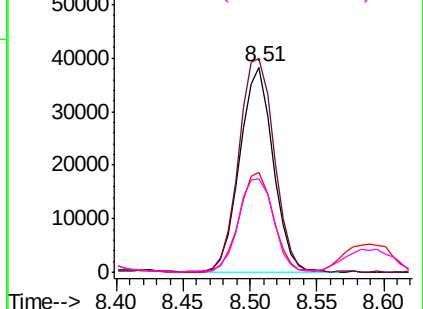
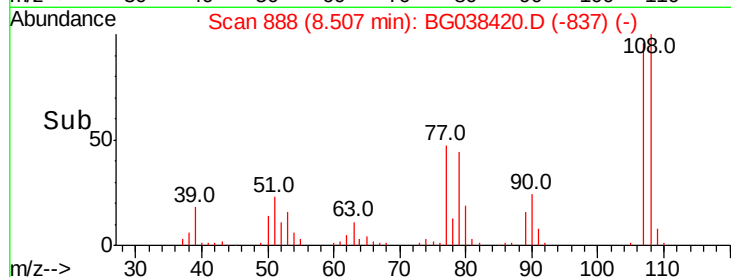
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

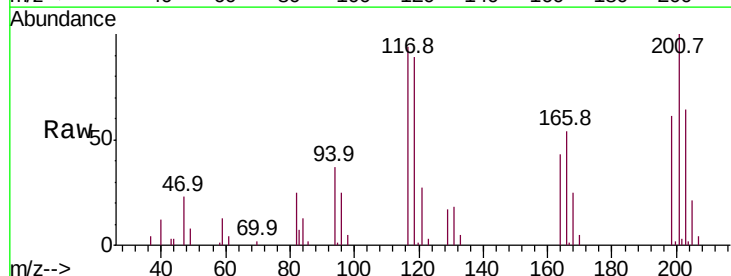
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.795 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.6	111.8
201	110.0	80.8	121.2

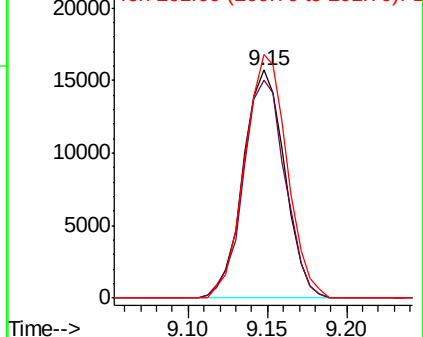
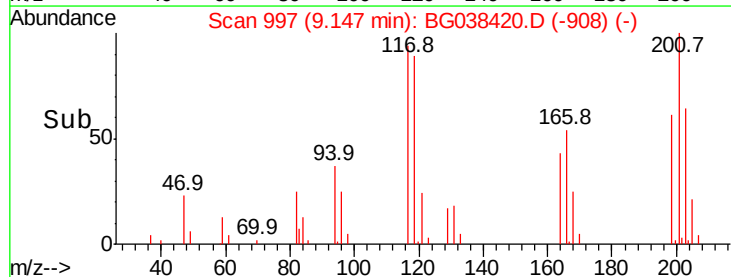


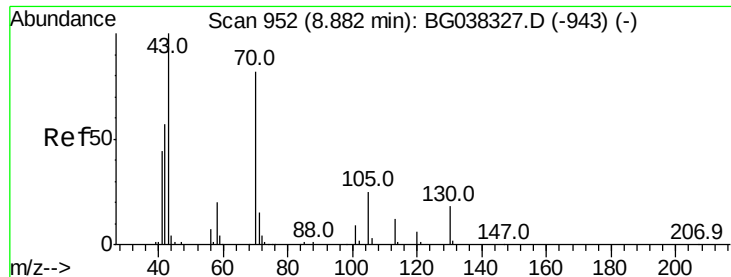
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

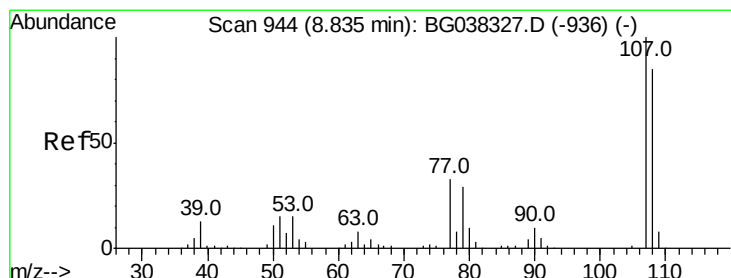
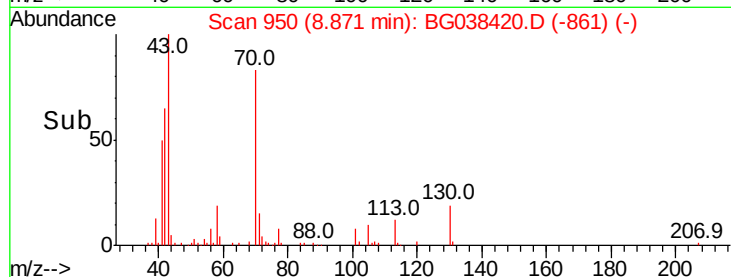
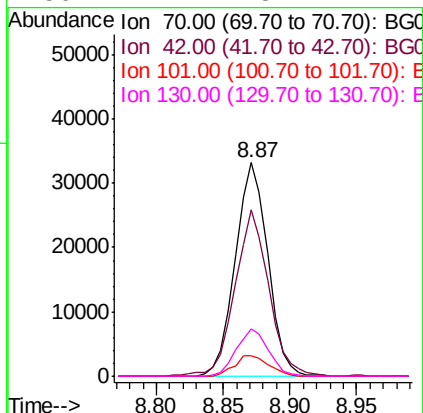
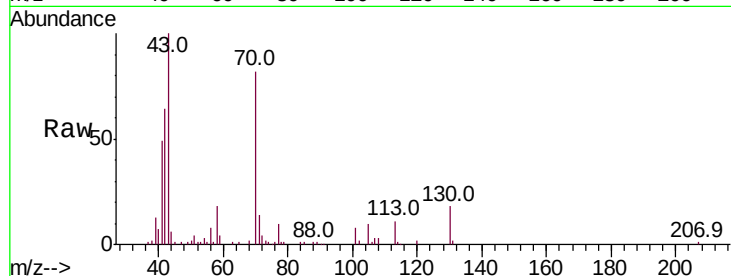




#19
n-Nitroso-di-n-propylamine
Concen: 33.496 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

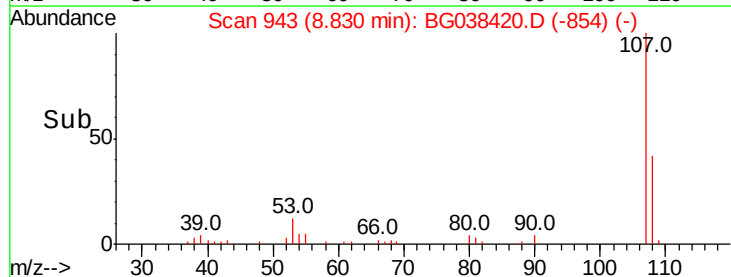
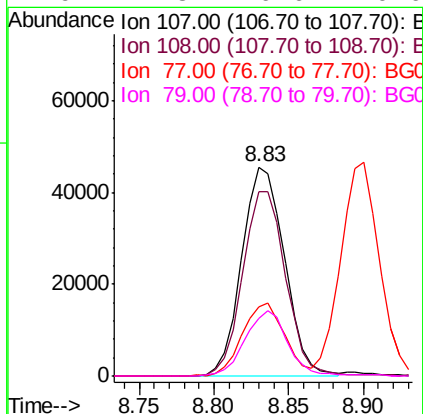
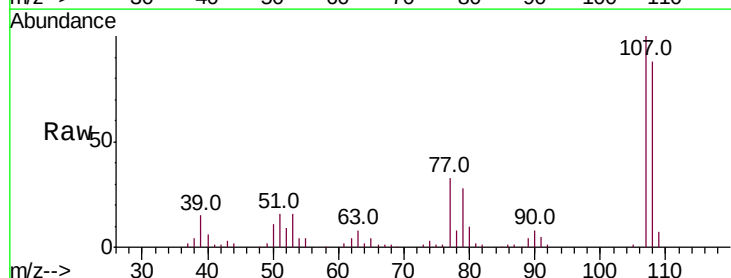
Instrument :
BNA_G
ClientSampleId :
PB115253BS

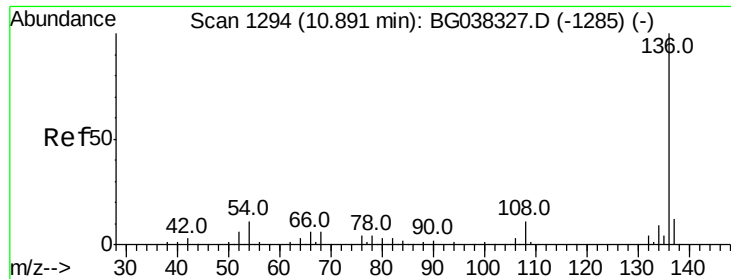
Tot Ion:	70	Resp:	56204
Ion	Ratio	Lower	Upper
70	100		
42	77.8	53.9	80.9
101	9.9	8.2	12.2
130	22.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 37.180 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:	107	Resp:	89939
Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	33.2	11.2	51.2
79	27.8	6.6	46.6

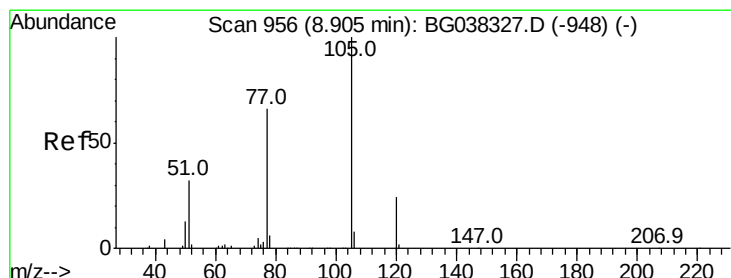
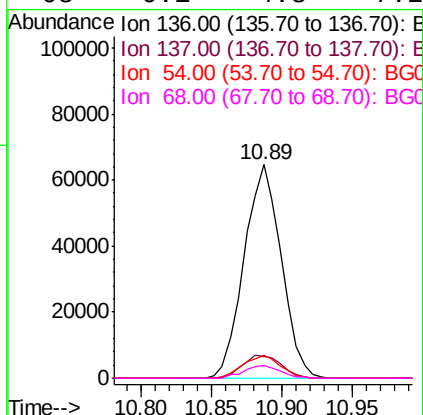
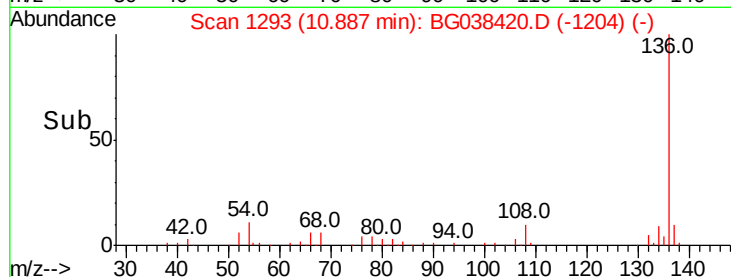
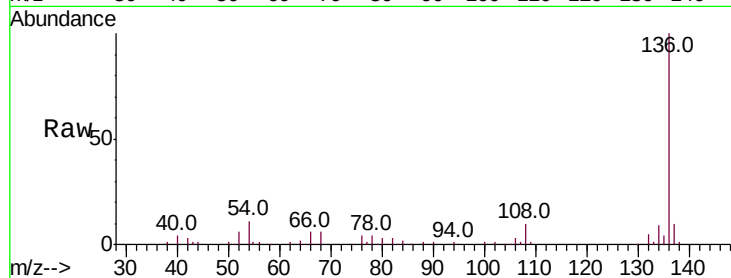




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

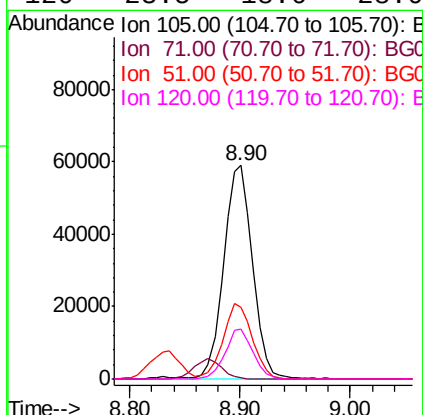
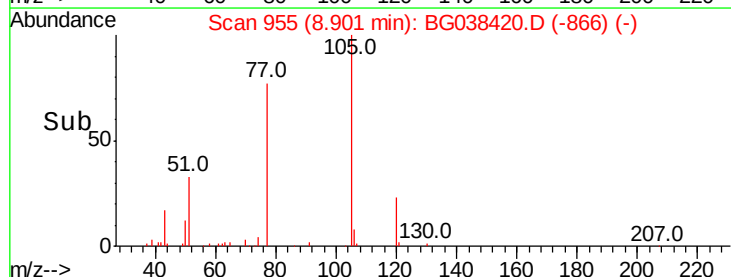
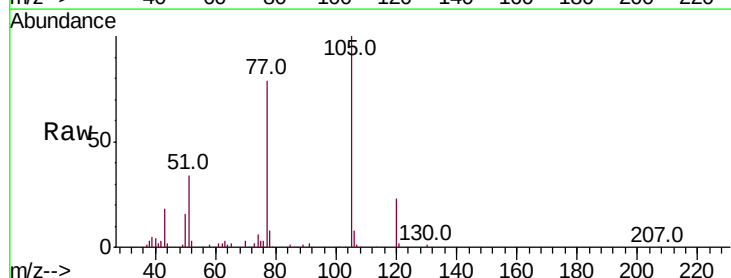
Instrument :
BNA_G
ClientSampleId :
PB115253BS

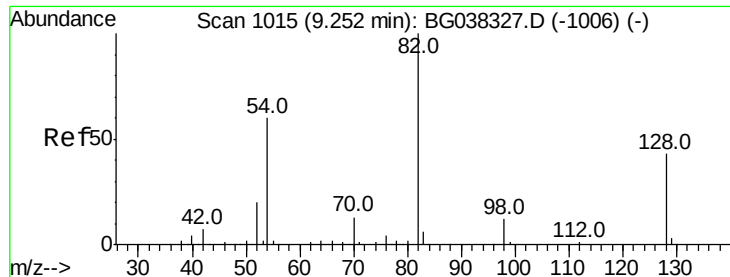
Tot Ion:	136	Resp:	119225
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	10.7	7.9	11.9
68	6.1	4.8	7.2



#22
Acetophenone
Concen: 37.238 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:	105	Resp:	107684
Ion	Ratio	Lower	Upper
105	100		
71	0.4	1.2	1.8#
51	33.8	25.0	37.6
120	23.5	18.6	28.0

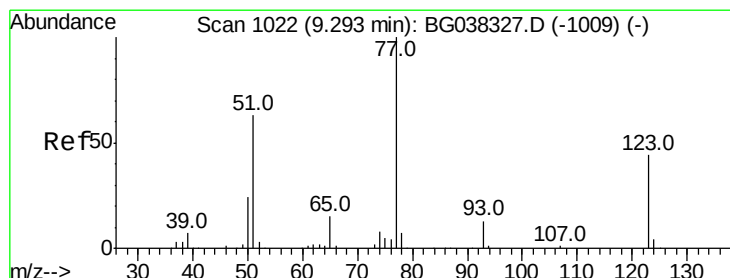
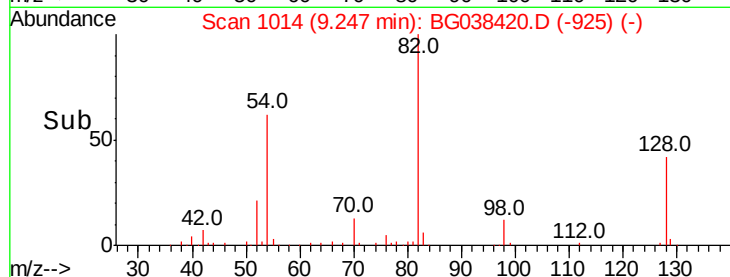
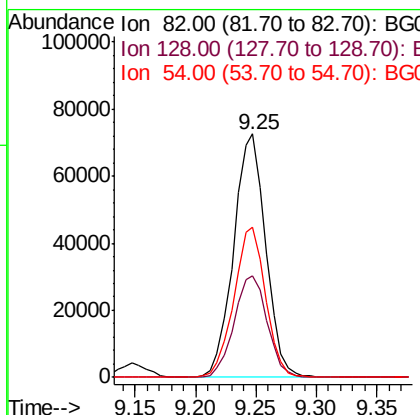
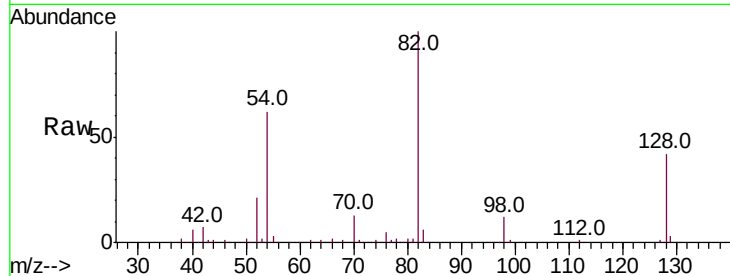




#23
 Nitrobenzene-d5
 Concen: 55.895 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

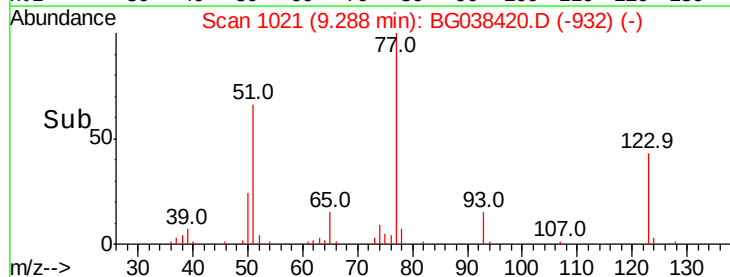
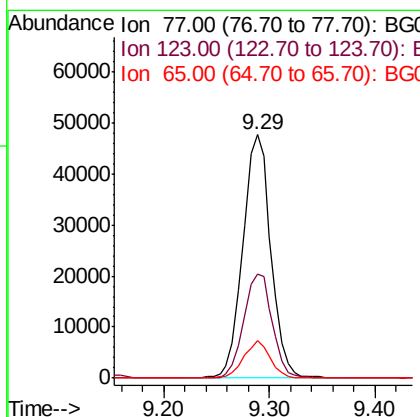
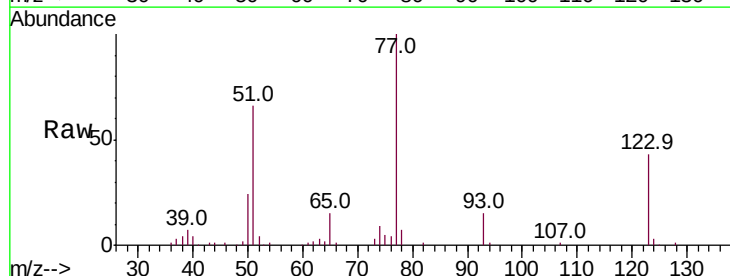
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

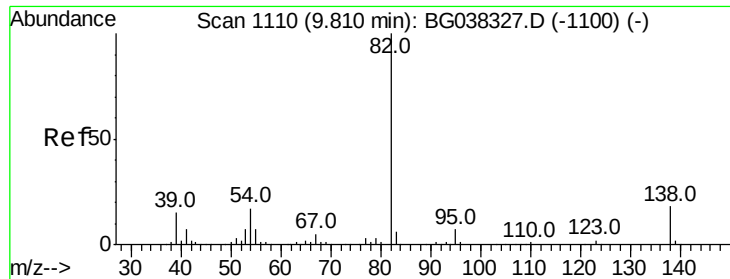
Tot Ion:	82	Resp:	134228
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	61.5	45.3	67.9



#24
 Nitrobenzene
 Concen: 35.943 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:	77	Resp:	87694
Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.6	50.4
65	15.2	11.3	16.9





#25

Isophorone

Concen: 43.662 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

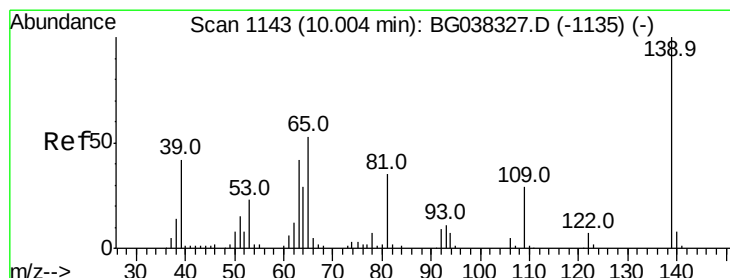
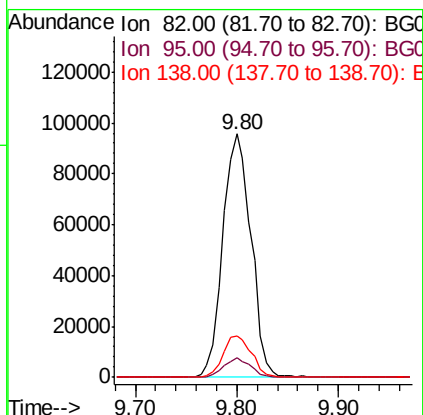
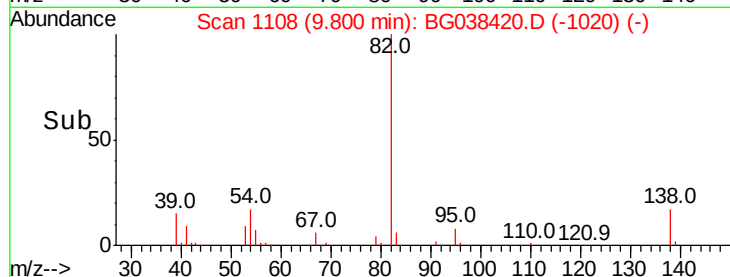
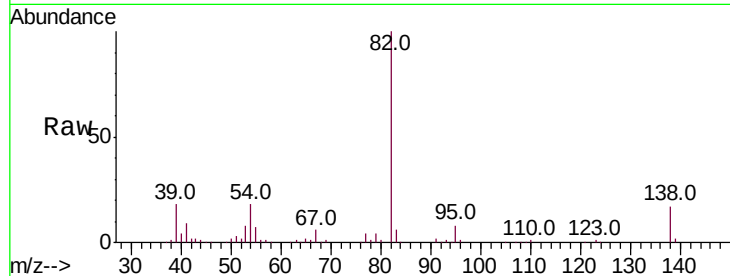
Tot Ion: 82 Resp: 184262

Ion Ratio Lower Upper

82 100

95 7.9 5.3 7.9

138 16.9 13.3 19.9



#26

2-Nitrophenol

Concen: 40.228 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

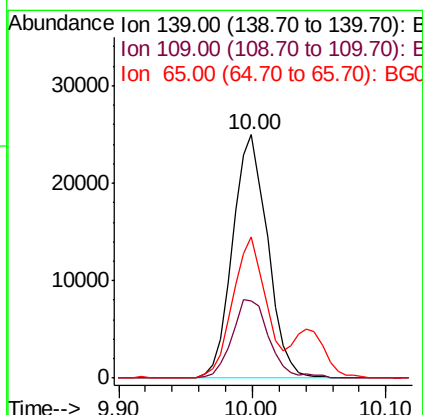
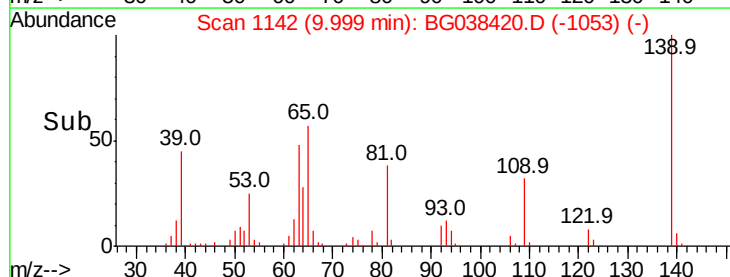
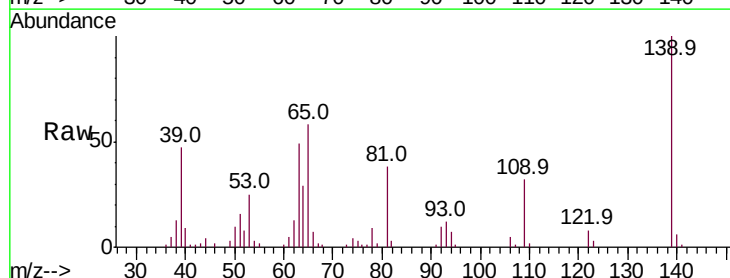
Tgt Ion: 139 Resp: 45477

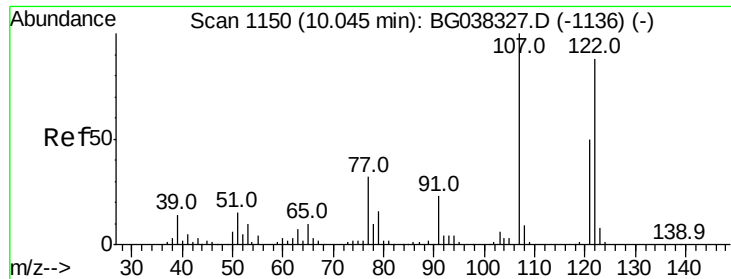
Ion Ratio Lower Upper

139 100

109 32.0 23.3 34.9

65 58.3 39.8 59.8

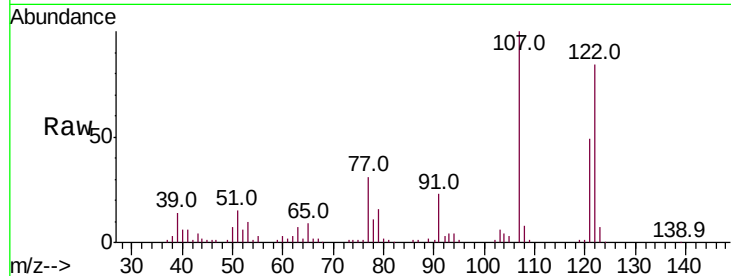




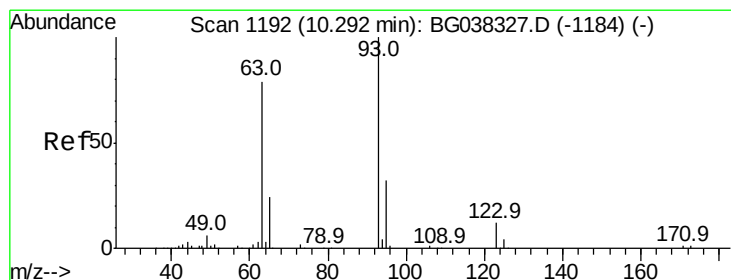
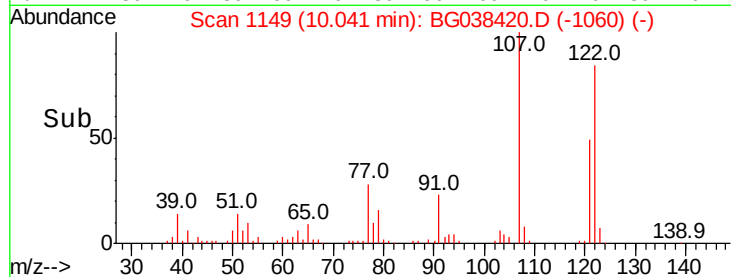
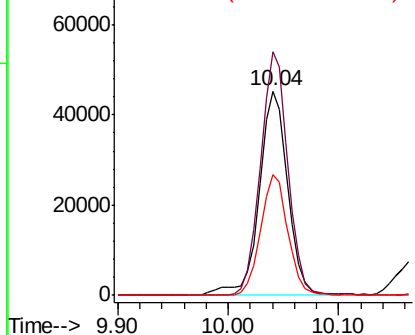
#27
2,4-Dimethylphenol
Concen: 50.382 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:122 Resp: 81807
Ion Ratio Lower Upper
122 100
107 119.0 94.2 141.2
121 58.8 47.3 70.9

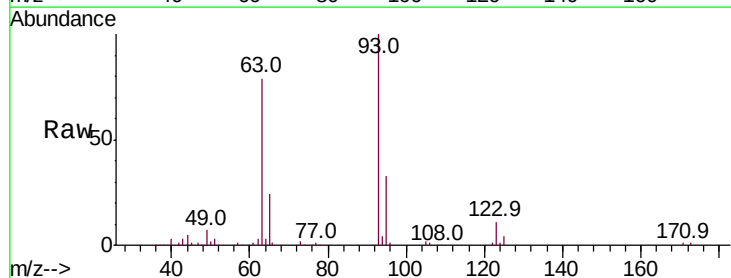


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

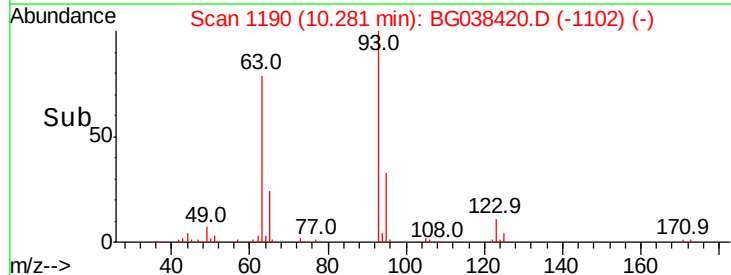
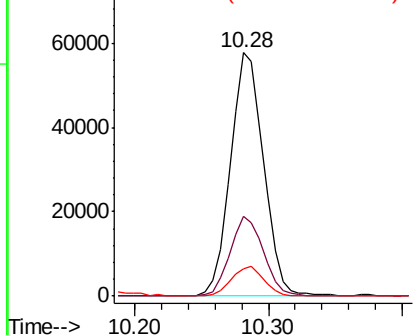


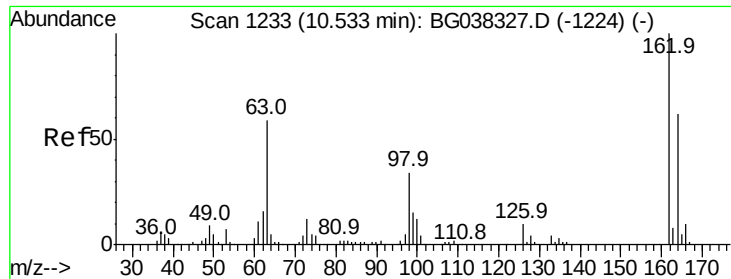
#28
bis(2-Chloroethoxy)methane
Concen: 41.167 ng
RT: 10.28 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion: 93 Resp: 99596
Ion Ratio Lower Upper
93 100
95 32.8 24.6 37.0
123 11.3 9.1 13.7



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

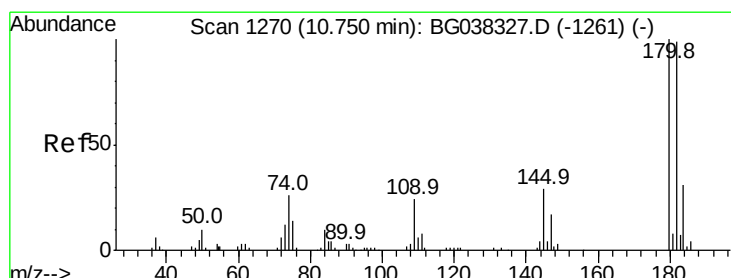
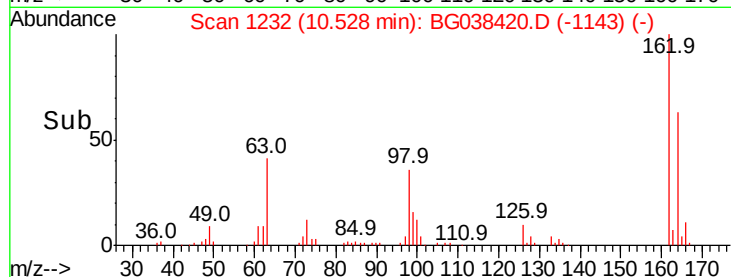
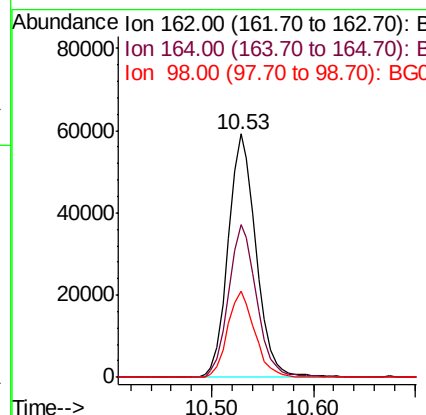
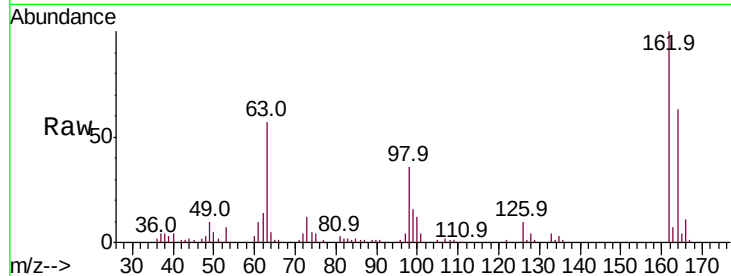




#29
 2,4-Dichlorophenol
 Concen: 60.776 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

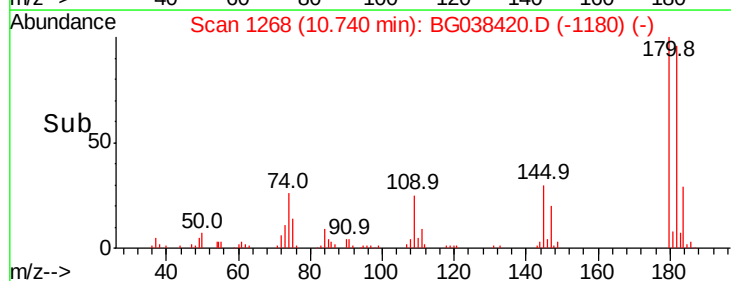
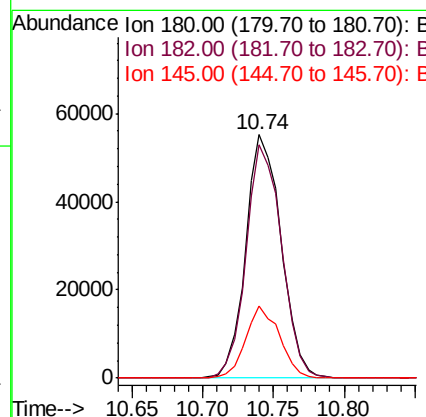
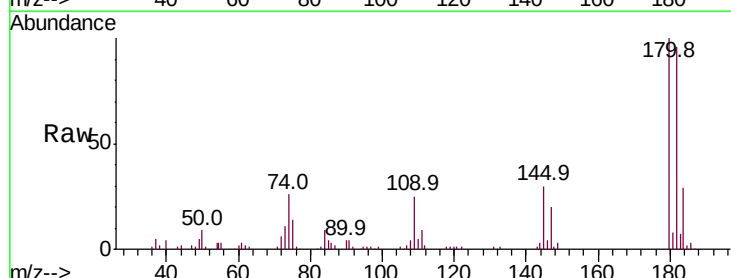
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

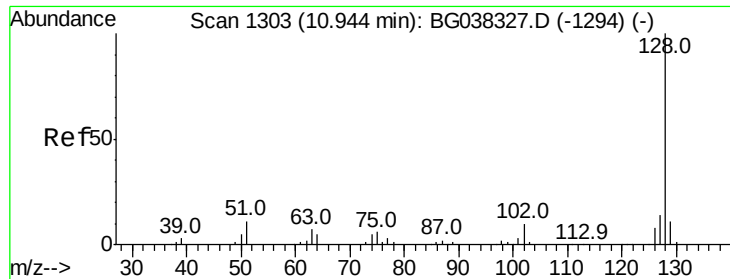
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	35.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.577 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.7	116.5
145	29.6	23.3	34.9

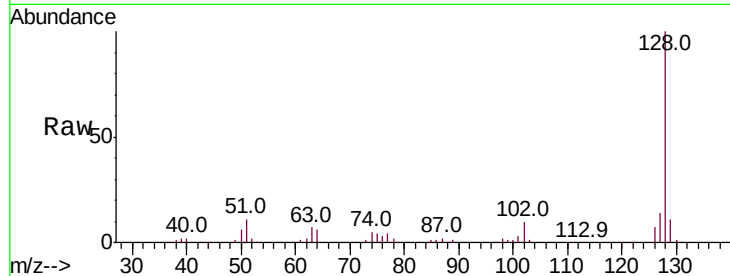




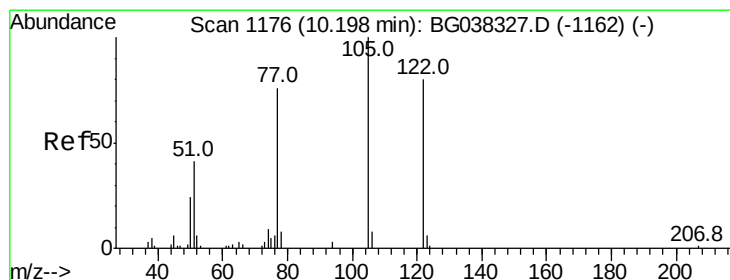
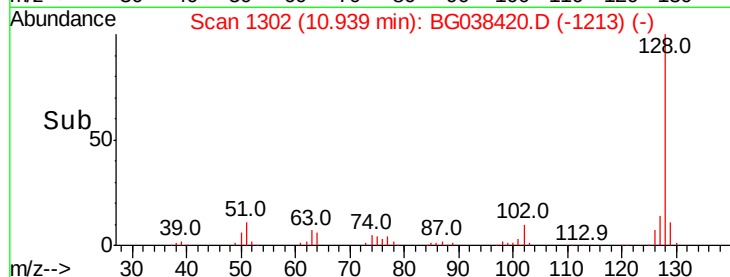
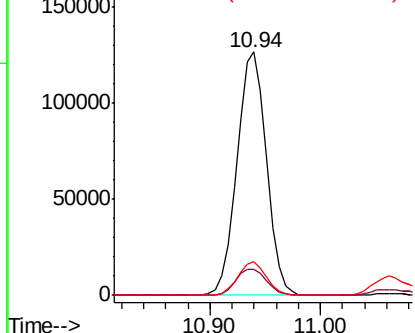
#31
Naphthalene
Concen: 41.614 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:128 Resp: 236994
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.7 11.1 16.7

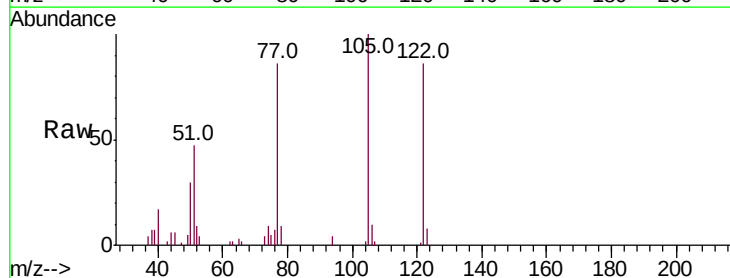


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

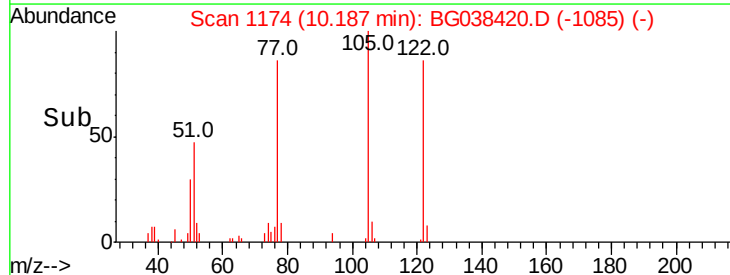
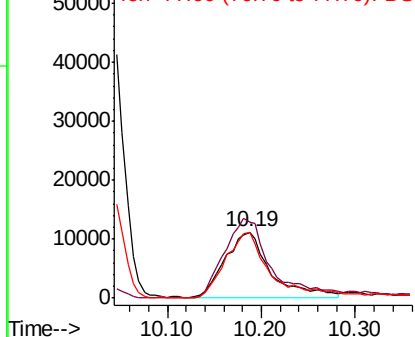


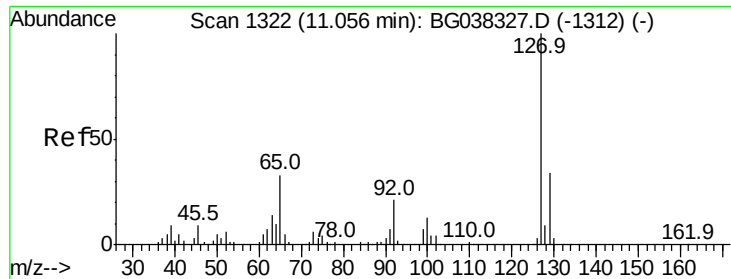
#32
Benzoic acid
Concen: 34.481 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:122 Resp: 38033
Ion Ratio Lower Upper
122 100
105 116.3 106.7 146.7
77 100.0 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

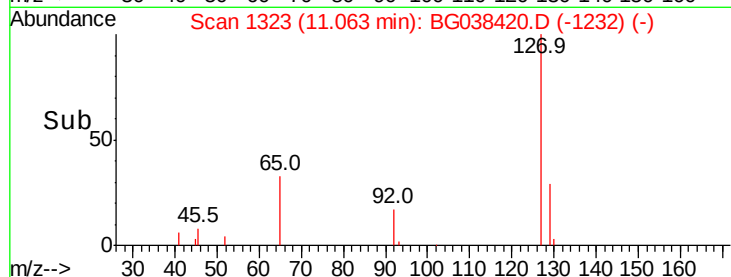
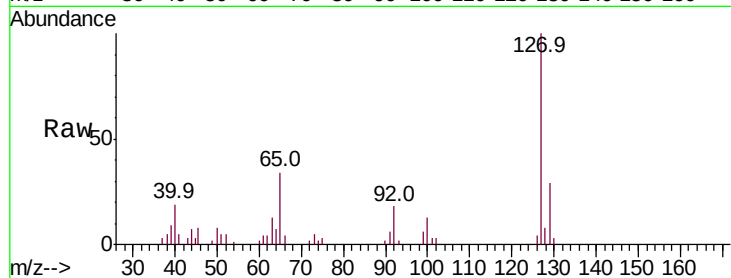




#33
4-Chloroaniline
Concen: 9.732 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.4	27.1	40.7
65	33.6	26.6	39.8
92	17.9	16.4	24.6



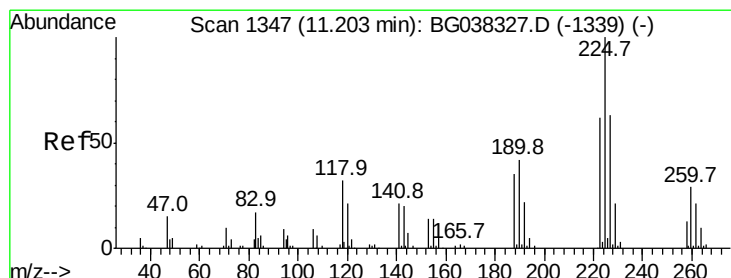
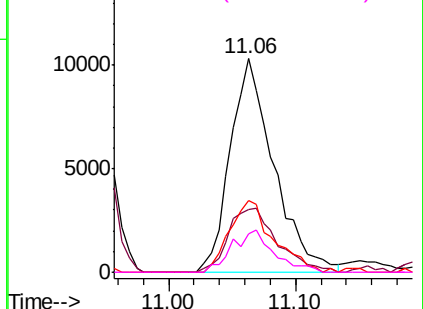
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

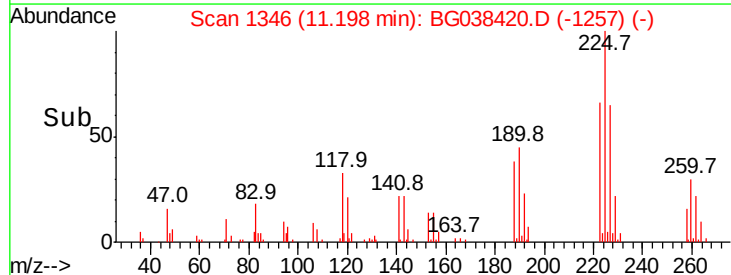
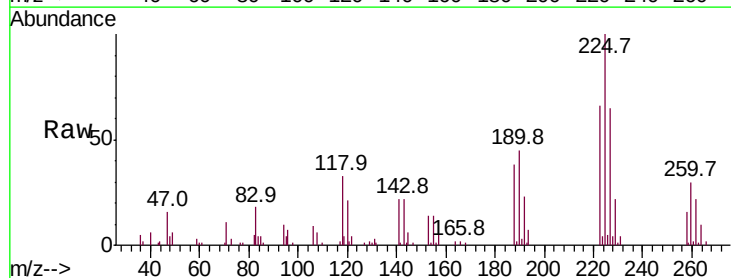
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.241 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.2	72.4
227	65.1	51.6	77.4

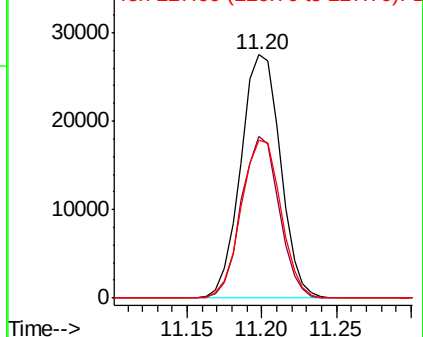


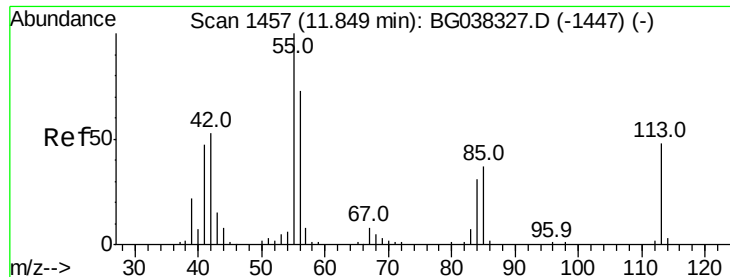
Abundance

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: 38.480 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

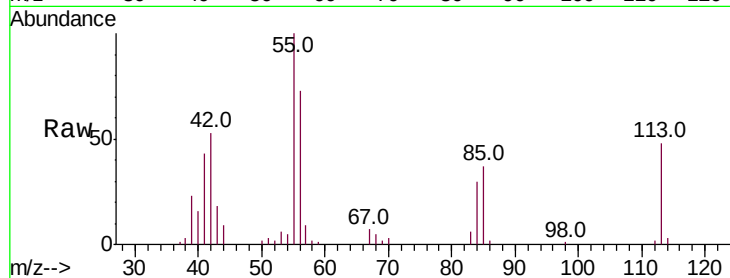
Tot Ion:113 Resp: 29494

Ion Ratio Lower Upper

113 100

55 210.3 176.6 216.6

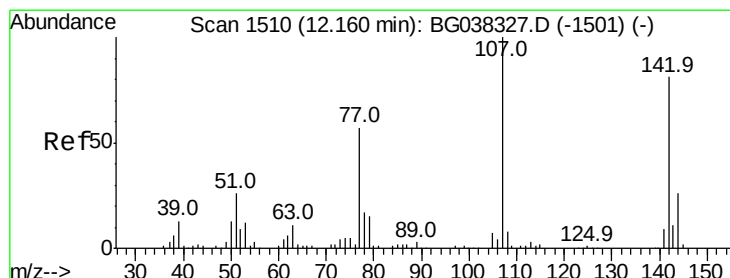
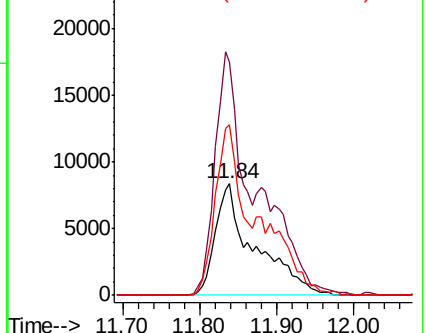
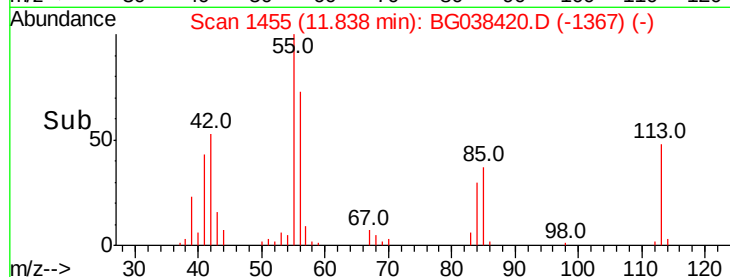
56 152.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.345 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

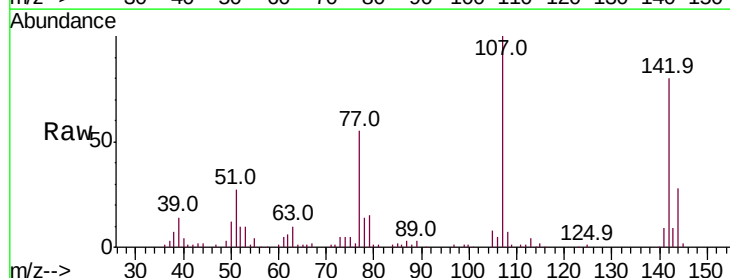
Tgt Ion:107 Resp: 85145

Ion Ratio Lower Upper

107 100

144 27.5 20.7 31.1

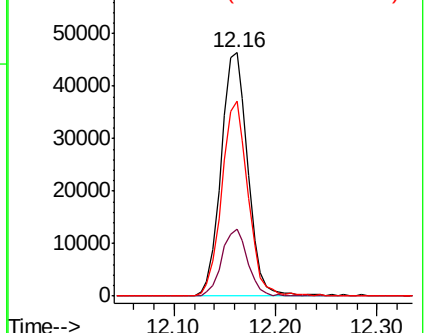
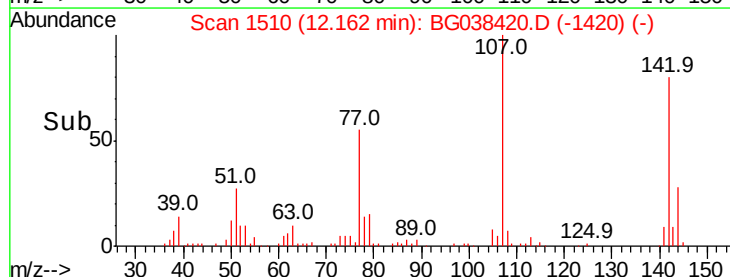
142 80.0 64.4 96.6

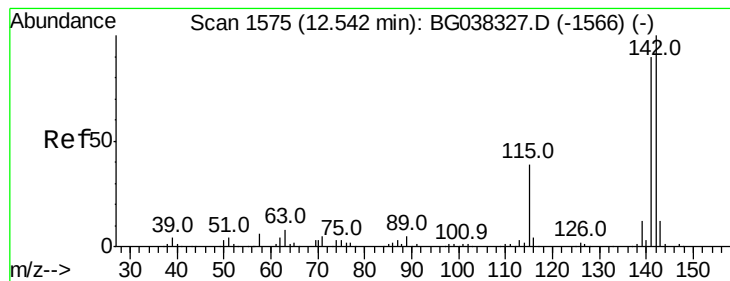


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.051 ng

RT: 12.54 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

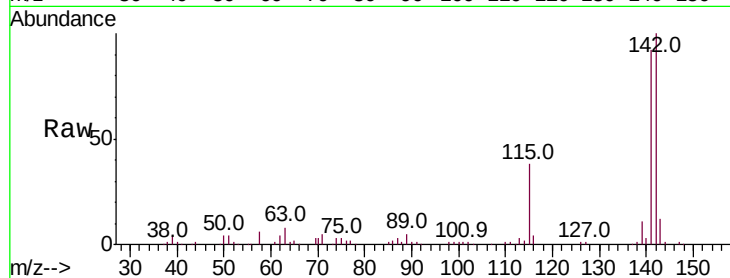
Tot Ion:142 Resp: 170547

Ion Ratio Lower Upper

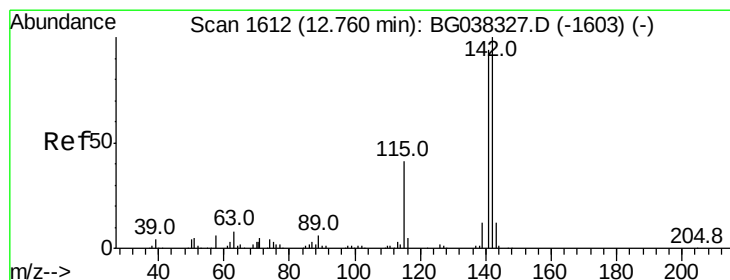
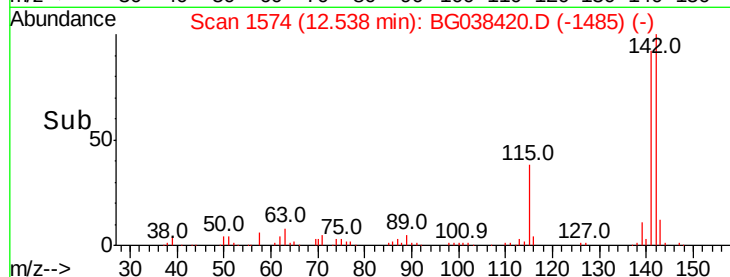
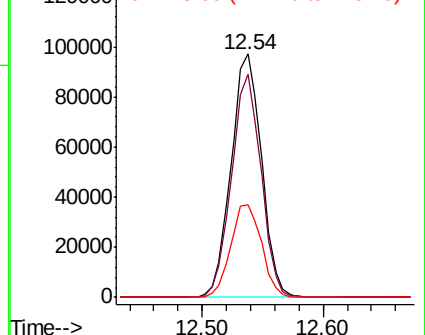
142 100

141 91.8 71.9 107.9

115 37.8 27.8 41.8



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



#38

1-Methylnaphthalene

Concen: 41.757 ng

RT: 12.75 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

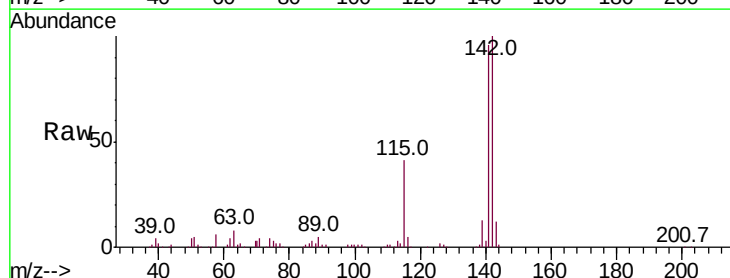
Tgt Ion:142 Resp: 162204

Ion Ratio Lower Upper

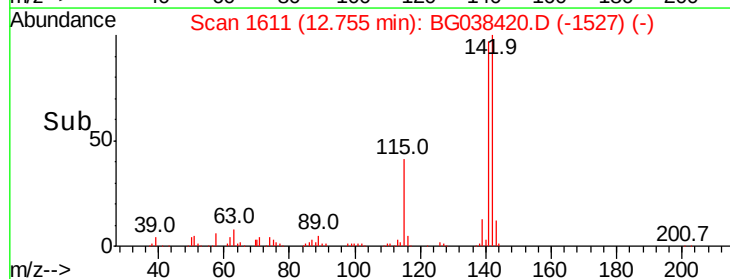
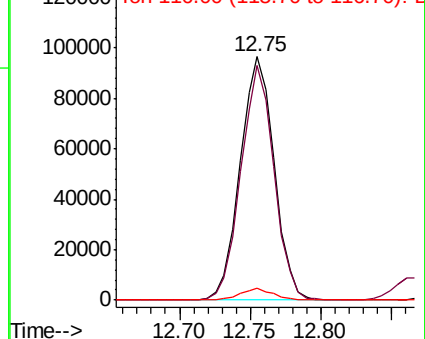
142 100

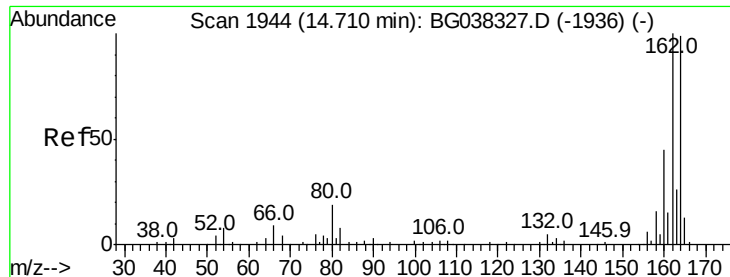
141 96.5 75.2 112.8

116 4.7 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

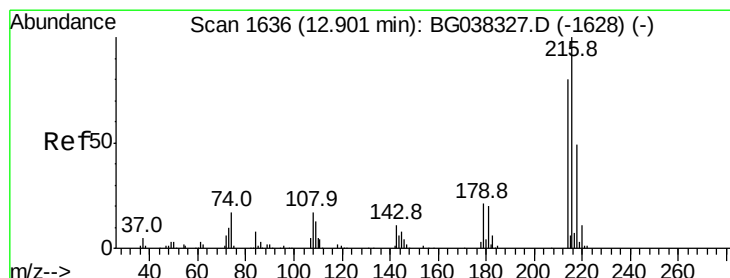
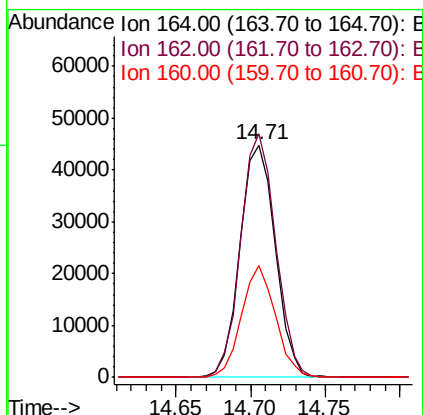
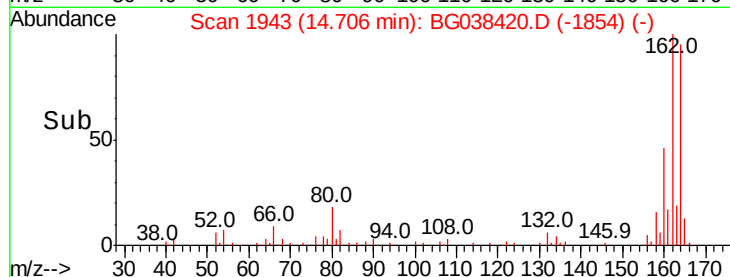
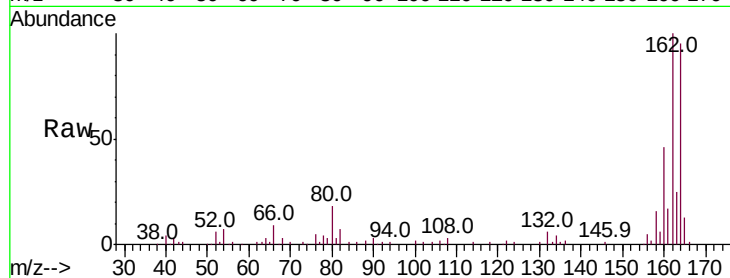
Tot Ion:164 Resp: 73285

Ion Ratio Lower Upper

164 100

162 104.7 81.3 121.9

160 47.9 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.124 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Tgt Ion:216 Resp: 96139

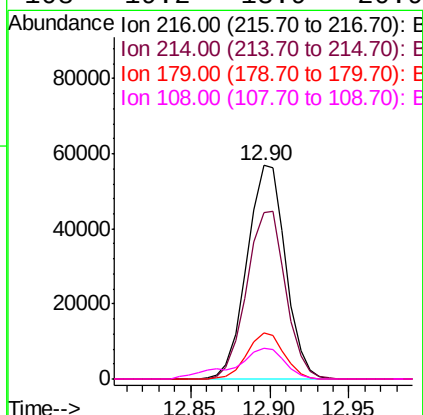
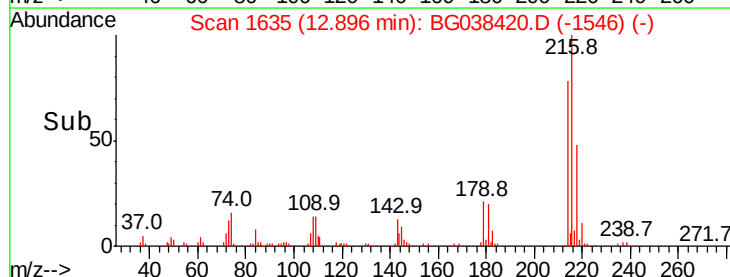
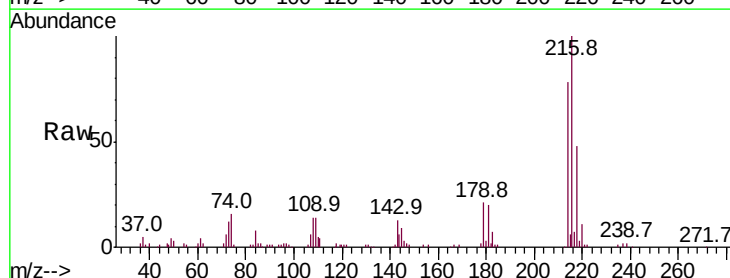
Ion Ratio Lower Upper

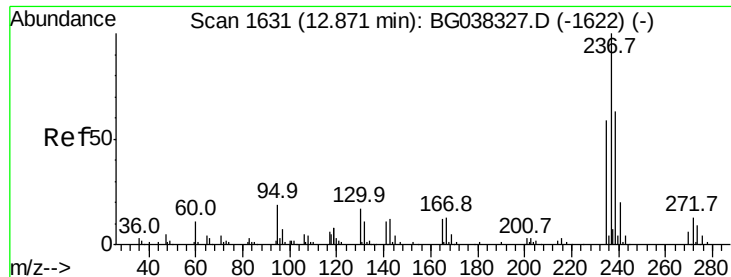
216 100

214 79.5 63.8 95.6

179 20.8 17.4 26.0

108 19.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 97.201 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

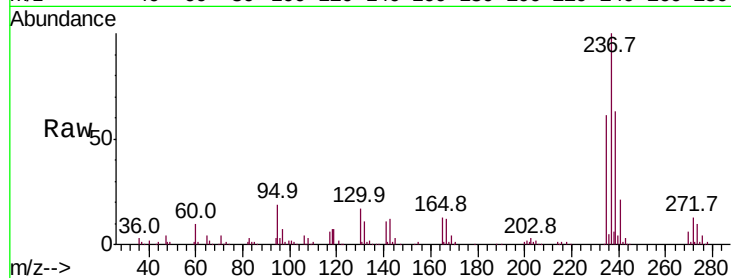
Tot Ion:237 Resp: 134700

Ion Ratio Lower Upper

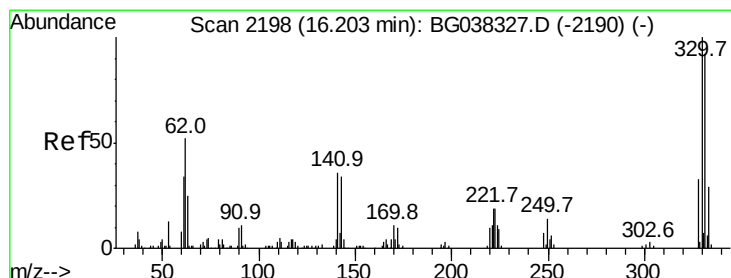
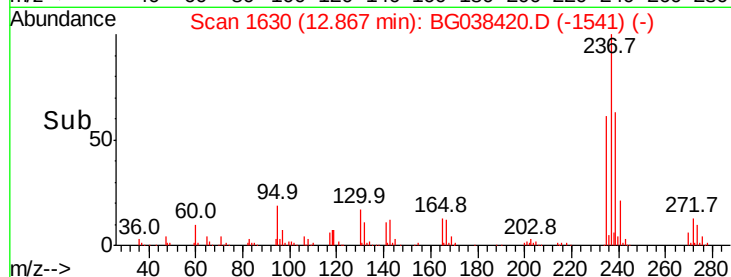
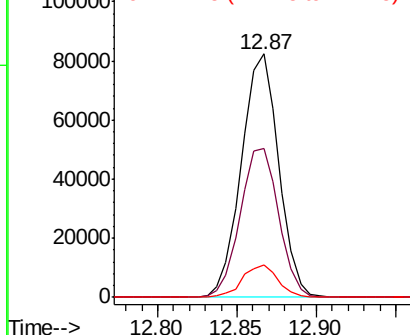
237 100

235 61.3 42.5 82.5

272 13.3 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: 136.243 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

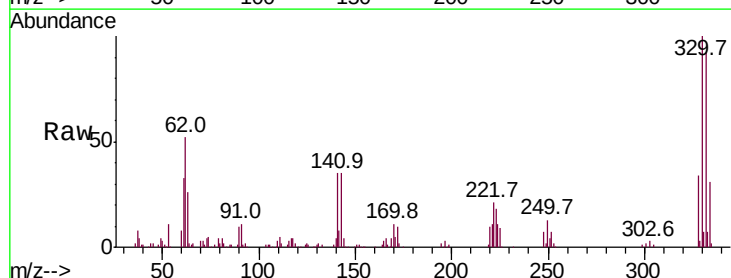
Tgt Ion:330 Resp: 122573

Ion Ratio Lower Upper

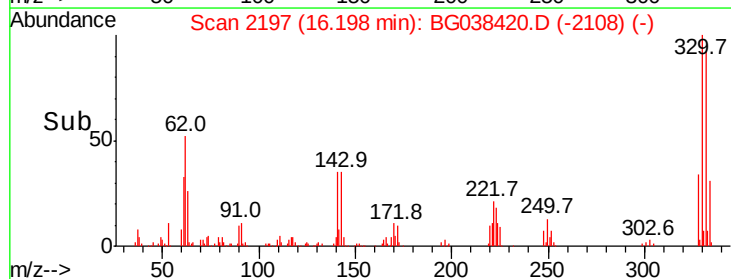
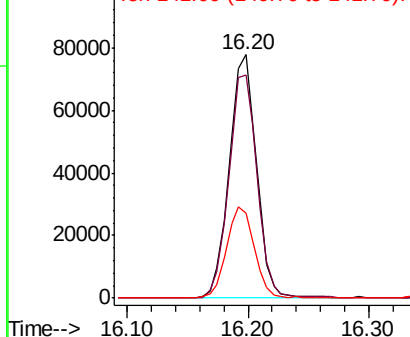
330 100

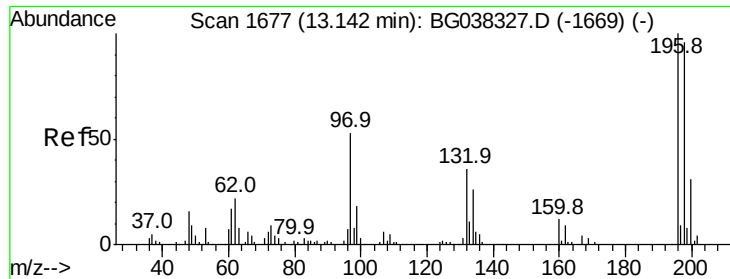
332 94.7 78.4 117.6

141 37.8 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

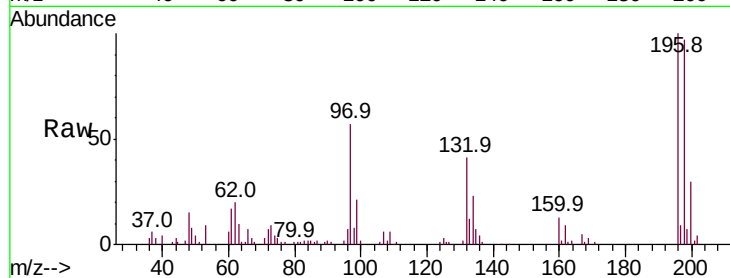




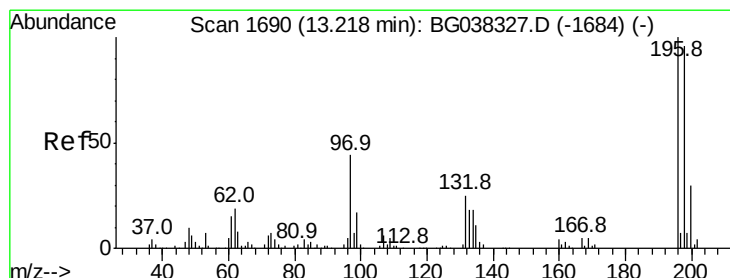
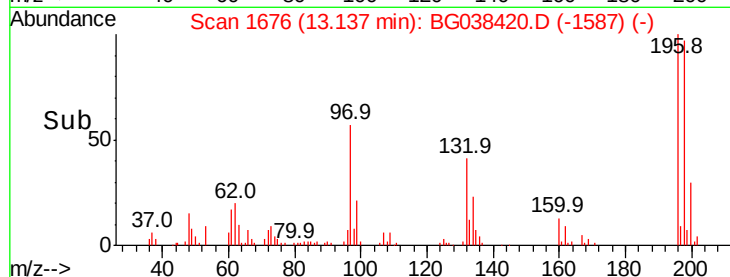
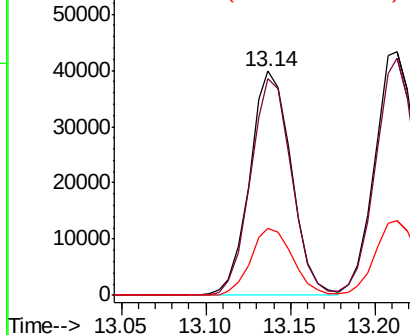
#43
 2,4,6-Trichlorophenol
 Concen: 41.705 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion:196 Resp: 68127
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.4 114.6
 200 30.2 24.9 37.3



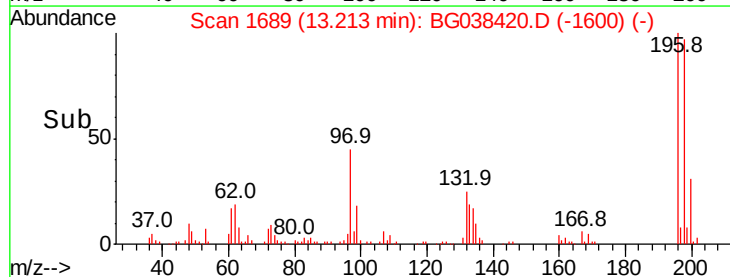
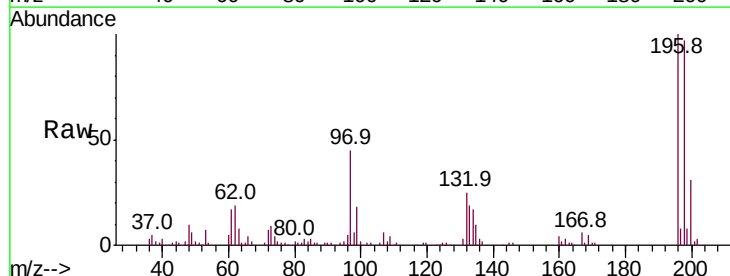
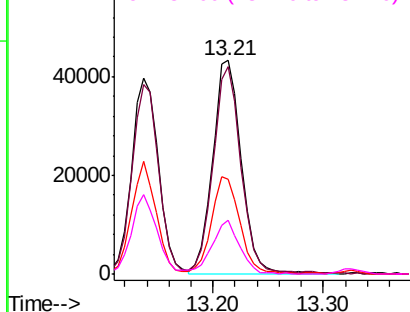
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

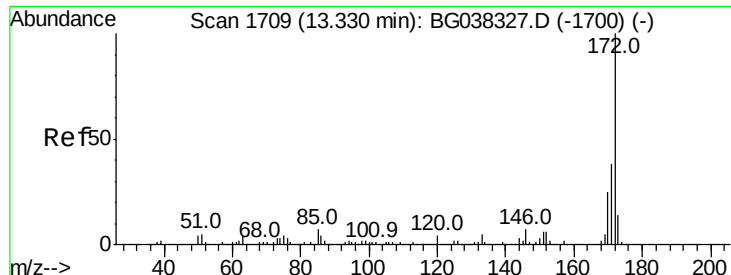


#44
 2,4,5-Trichlorophenol
 Concen: 45.011 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:196 Resp: 77894
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.2 111.2
 97 44.6 34.1 51.1
 132 24.9 20.2 30.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

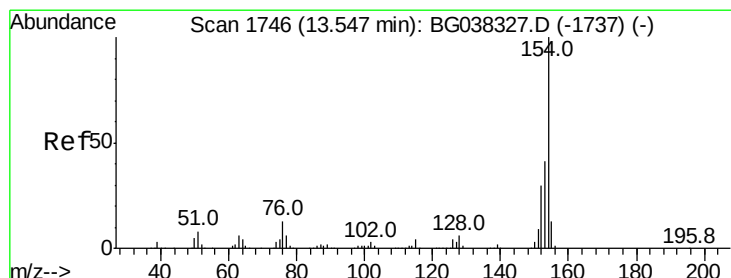
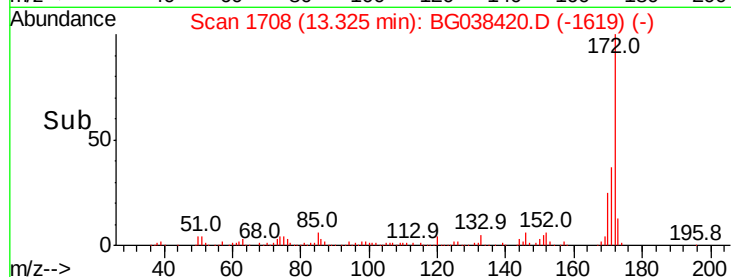
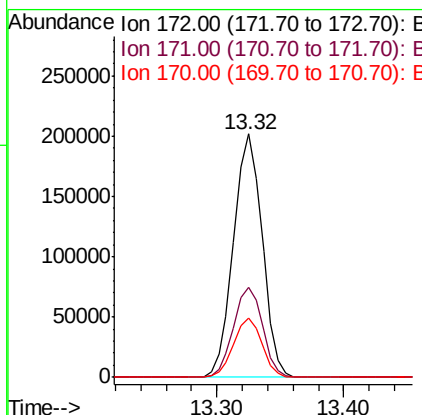
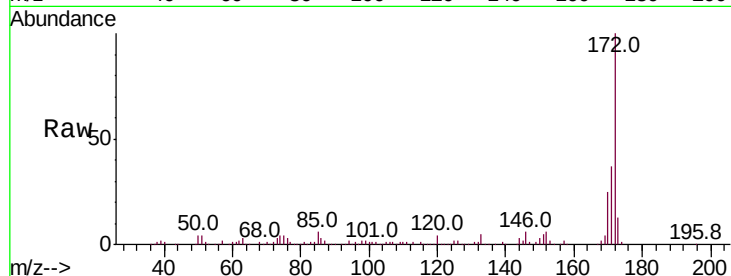




#45
2-Fluorobiphenyl
Concen: 61.340 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

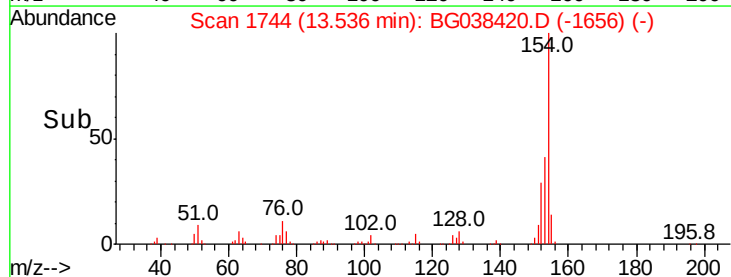
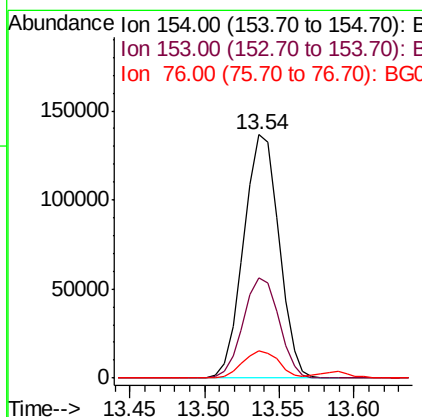
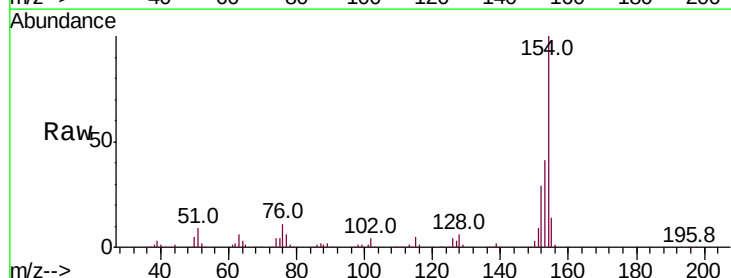
Instrument :
BNA_G
ClientSampleId :
PB115253BS

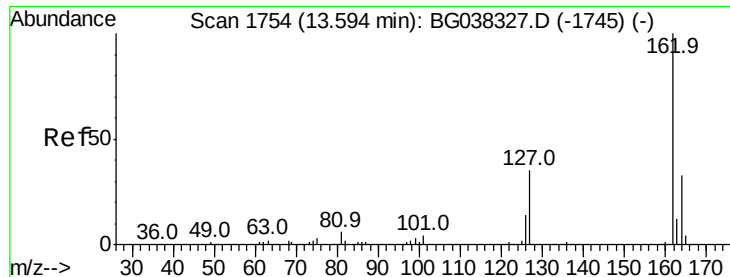
Tot Ion:172 Resp: 315478
Ion Ratio Lower Upper
172 100
171 36.8 31.0 46.4
170 24.6 20.2 30.2



#46
1,1'-Biphenyl
Concen: 36.190 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:154 Resp: 224187
Ion Ratio Lower Upper
154 100
153 41.2 22.1 62.1
76 11.3 0.0 33.2





#47

2-Chloronaphthalene

Concen: 38.303 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

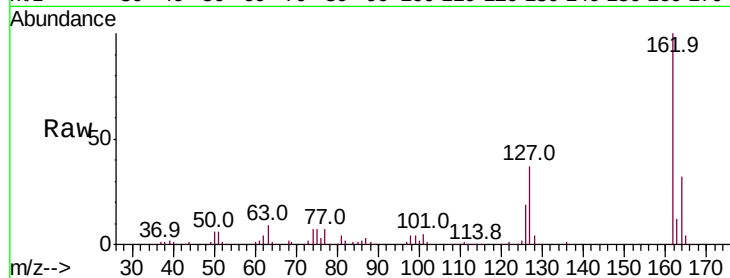
Tot Ion:162 Resp: 179048

Ion Ratio Lower Upper

162 100

127 36.7 30.5 45.7

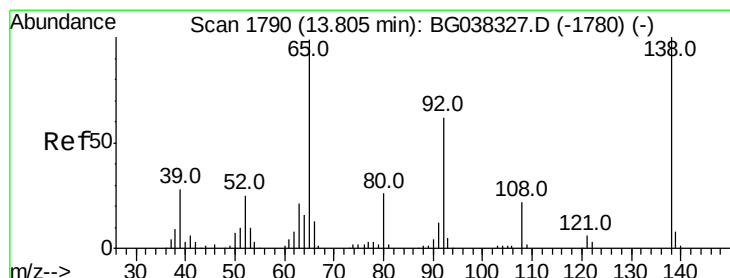
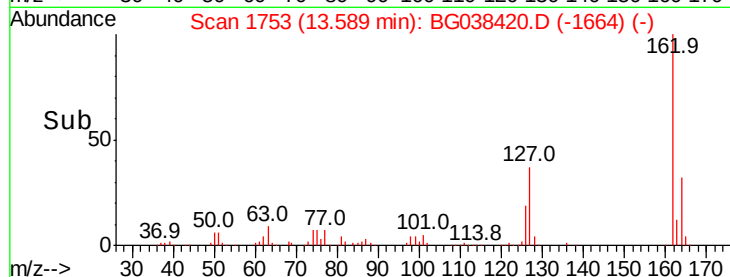
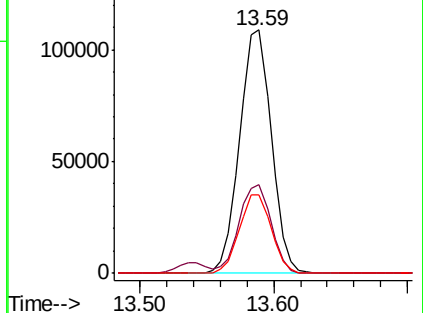
164 32.2 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.500 ng

RT: 13.80 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

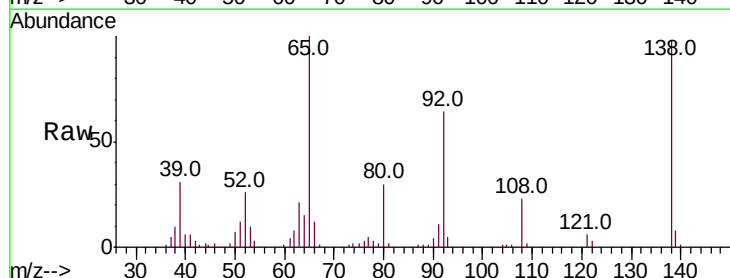
Tgt Ion: 65 Resp: 63515

Ion Ratio Lower Upper

65 100

92 63.6 53.2 79.8

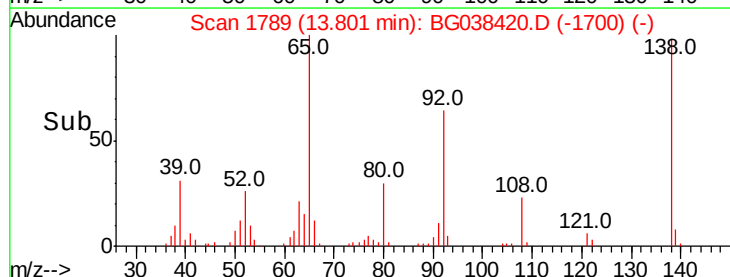
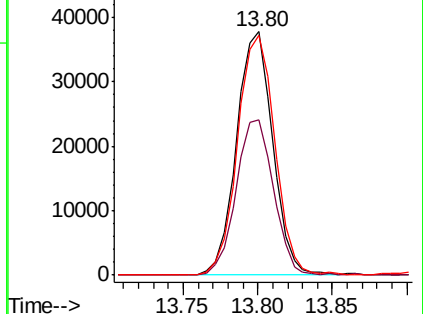
138 98.4 79.3 118.9

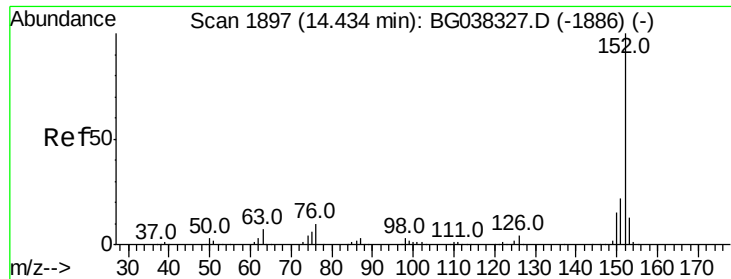


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.457 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

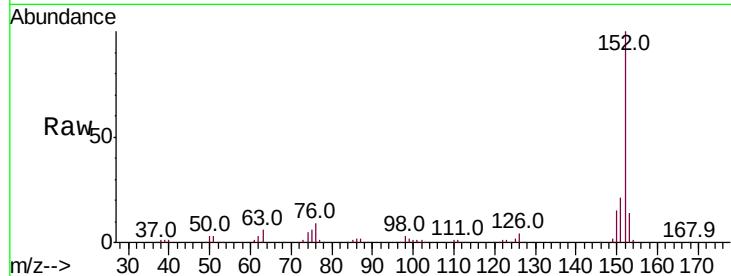
Tot Ion:152 Resp: 298907

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

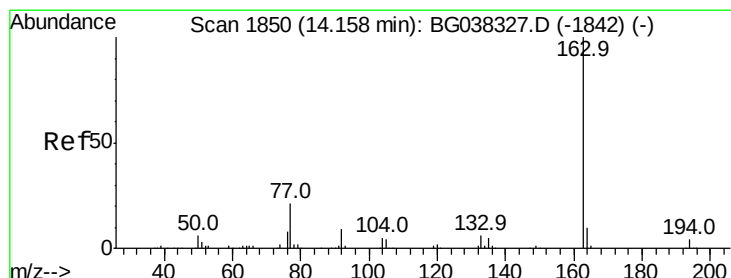
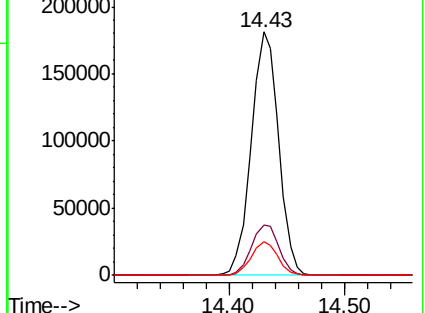
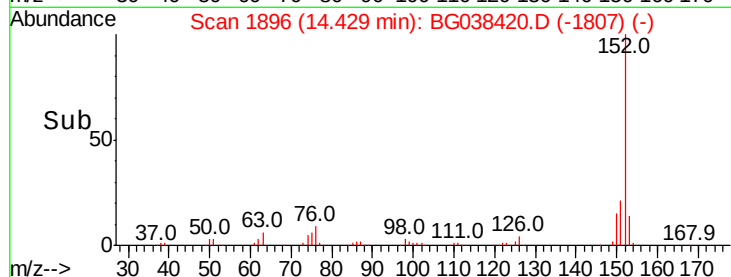
153 13.8 11.1 16.7



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: 41.857 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

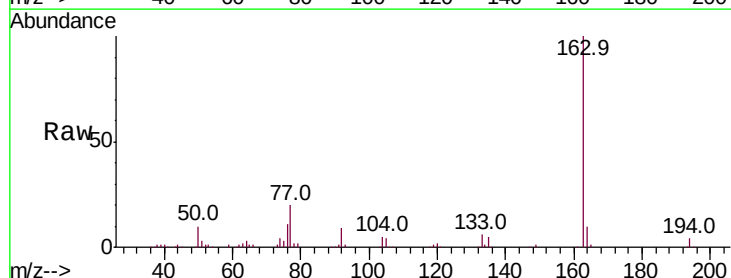
Tgt Ion:163 Resp: 246042

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

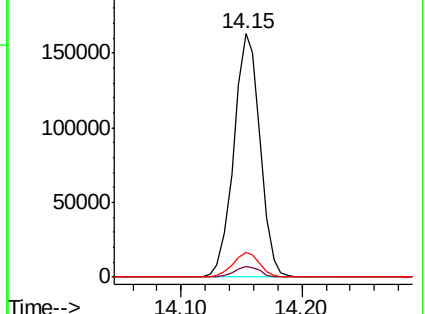
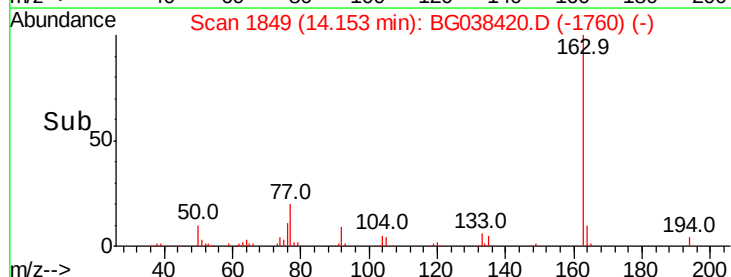
164 10.1 8.5 12.7

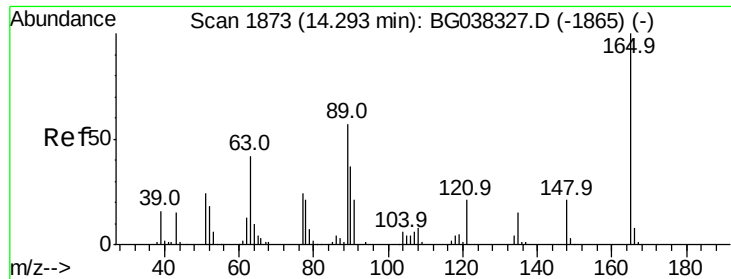


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.544 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

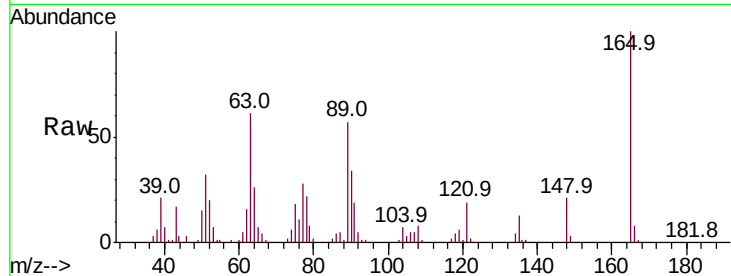
Tot Ion:165 Resp: 55782

Ion Ratio Lower Upper

165 100

63 60.9 43.4 65.2

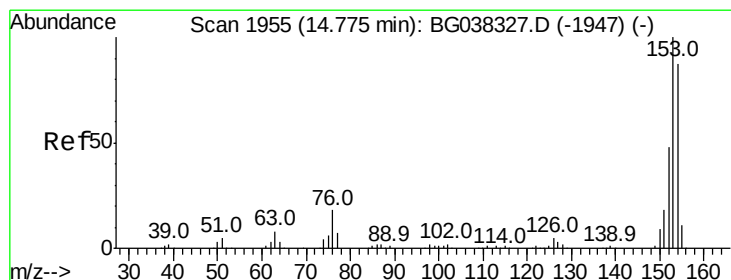
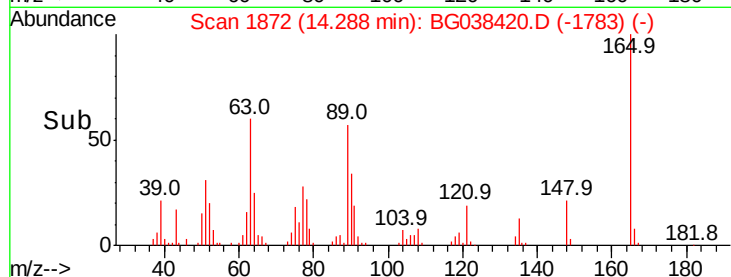
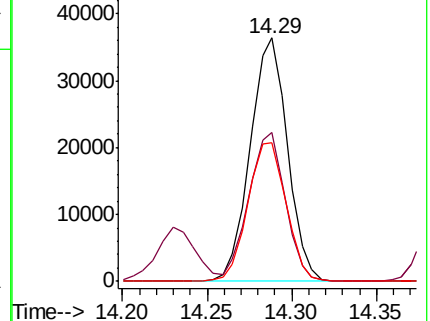
89 56.9 45.8 68.6



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: 39.283 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

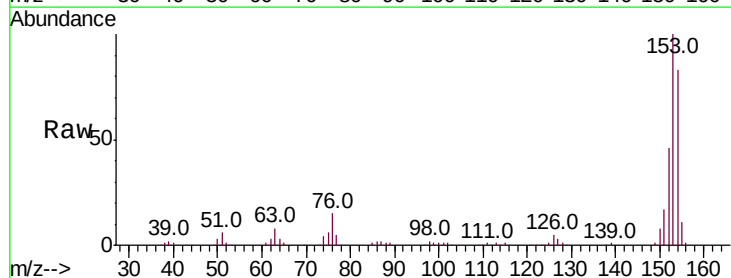
Tgt Ion:154 Resp: 168599

Ion Ratio Lower Upper

154 100

153 119.8 93.4 140.0

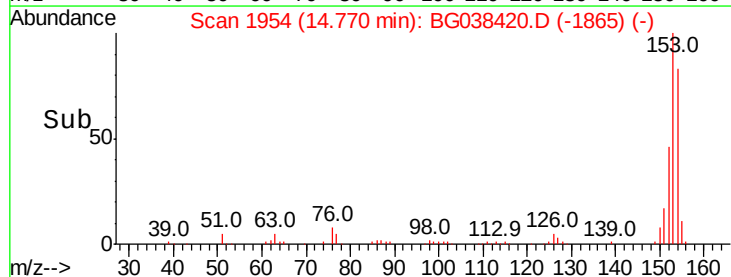
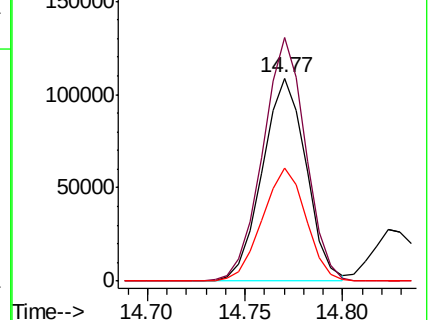
152 55.7 44.7 67.1

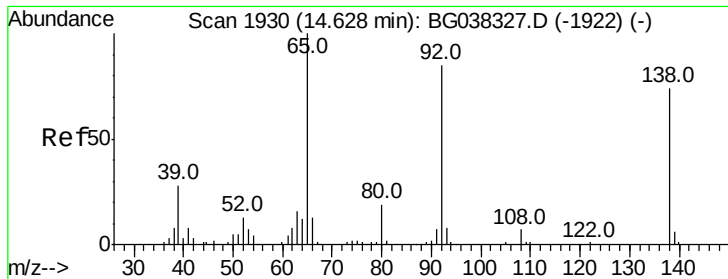


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.366 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

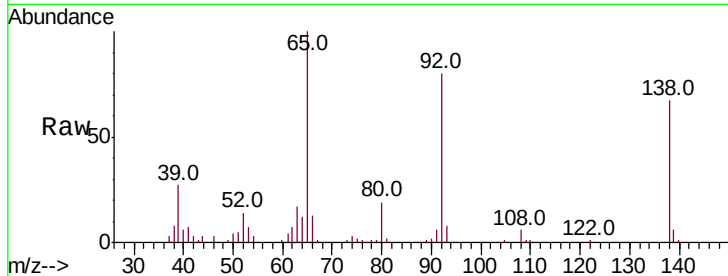
Tot Ion:138 Resp: 42467

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

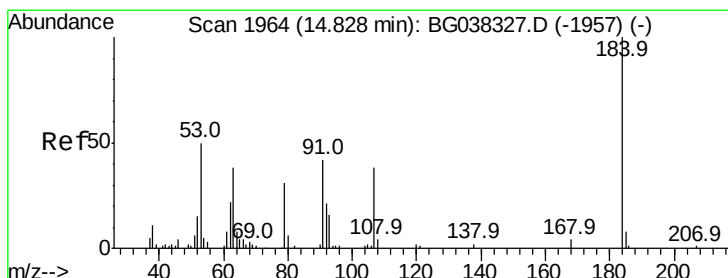
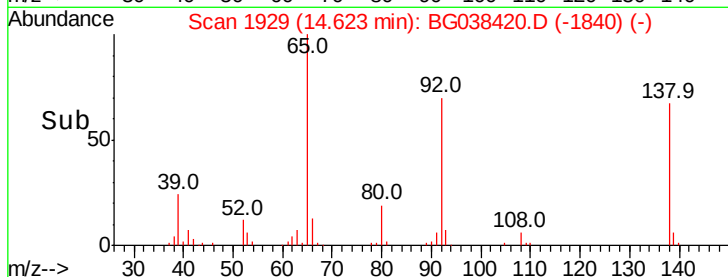
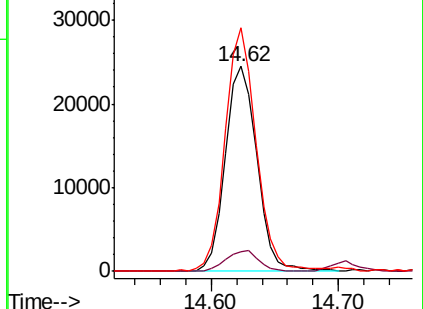
92 118.8 95.2 142.8



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: 97.512 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

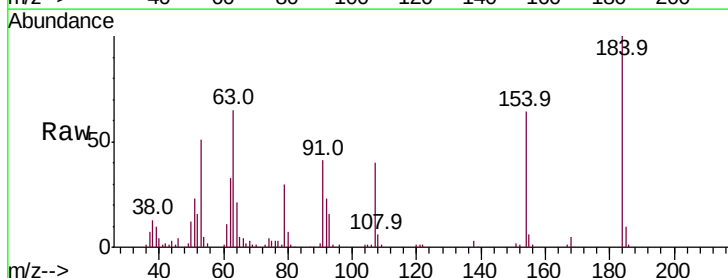
Tgt Ion:184 Resp: 71774

Ion Ratio Lower Upper

184 100

63 64.5 42.6 63.8#

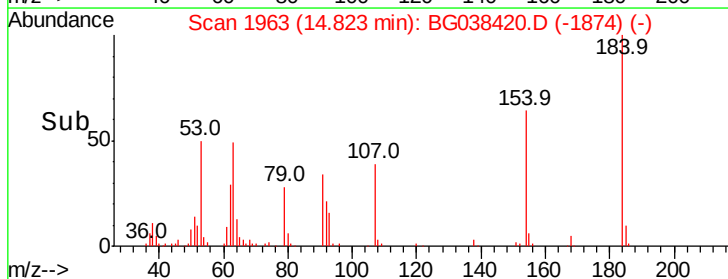
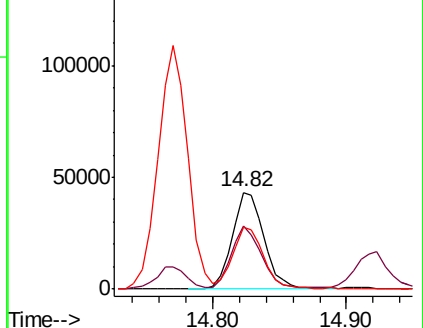
154 64.2 41.8 62.6#

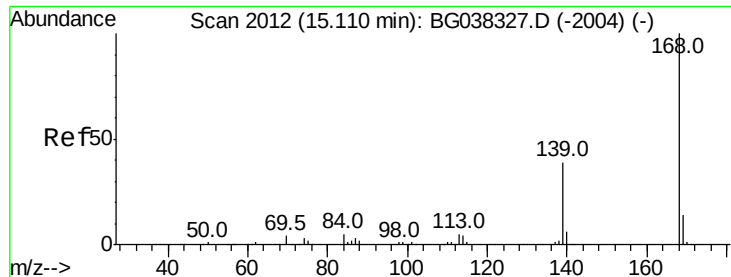


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

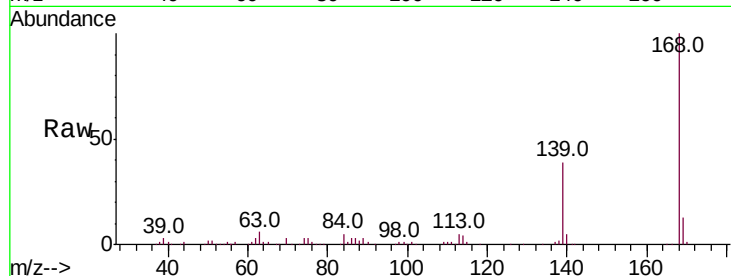




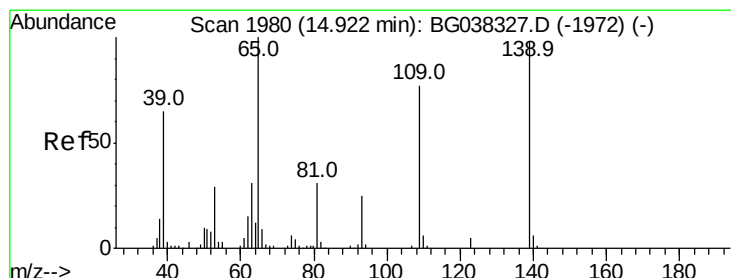
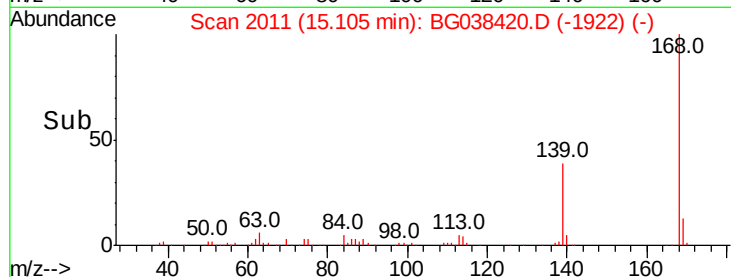
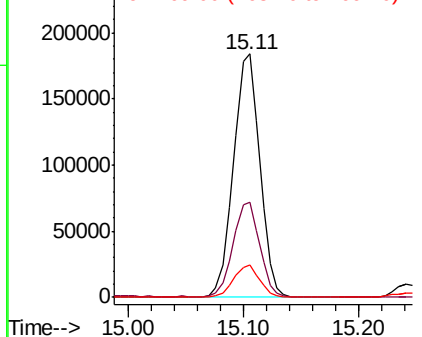
#55
Dibenzenofuran
Concen: 40.911 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:168 Resp: 290277
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 13.4 11.0 16.6

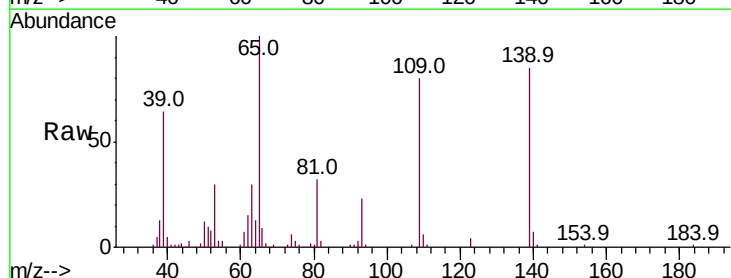


Abundance Ion 168.00 (167.70 to 168.70): E
250000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

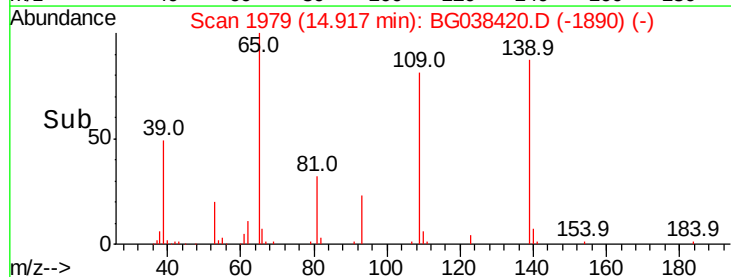
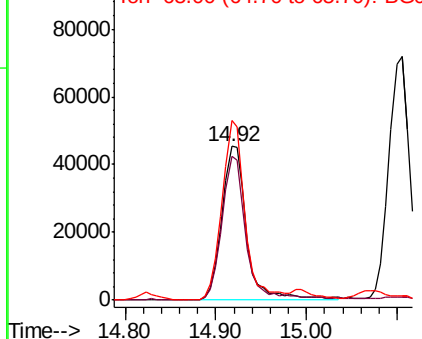


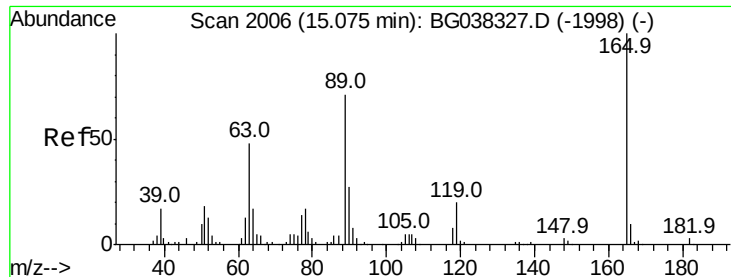
#56
4-Nitrophenol
Concen: 75.381 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:139 Resp: 86111
Ion Ratio Lower Upper
139 100
109 93.3 49.5 89.5#
65 117.3 76.8 116.8#



Abundance Ion 139.00 (138.70 to 139.70): E
100000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

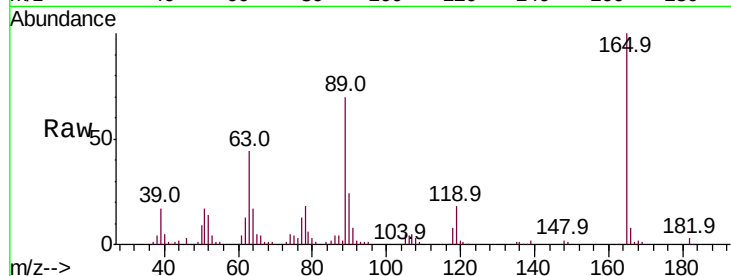




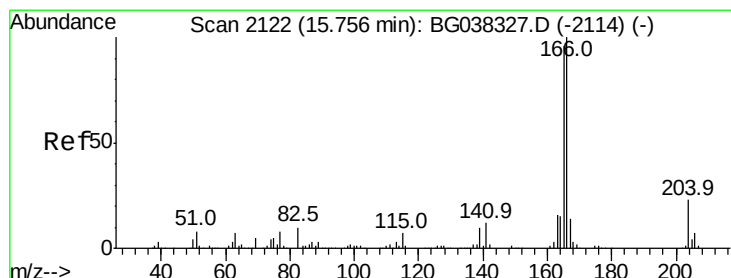
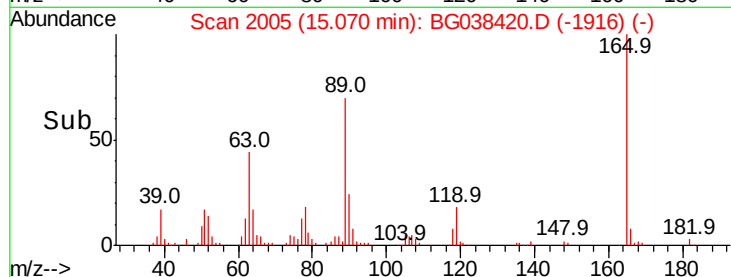
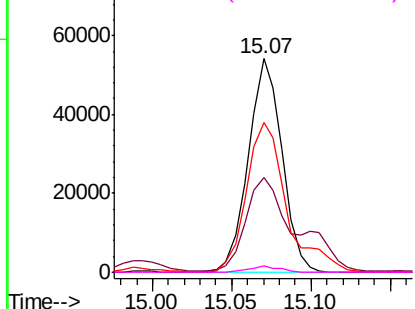
#57
2,4-Dinitrotoluene
Concen: 43.292 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:165 Resp: 80174
Ion Ratio Lower Upper
165 100
63 44.4 33.4 50.0
89 70.0 57.2 85.8
182 2.8 2.6 4.0

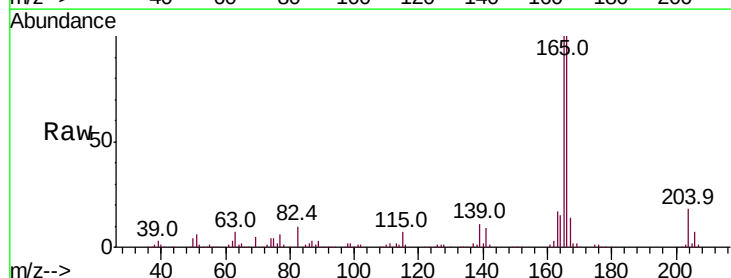


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

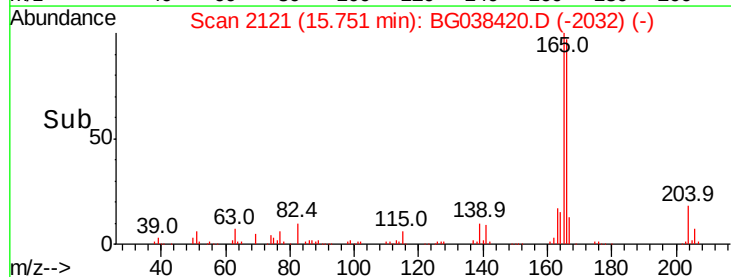
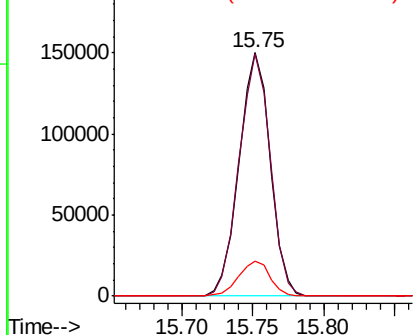


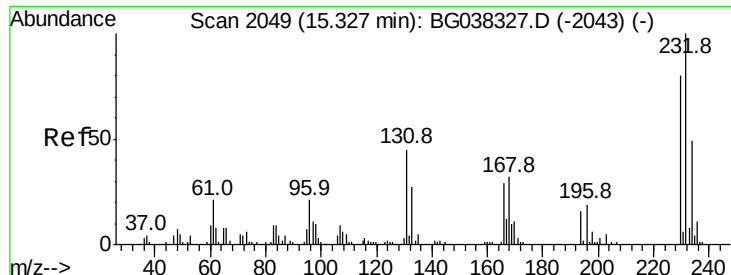
#58
Fluorene
Concen: 44.308 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:166 Resp: 231619
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 14.5 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

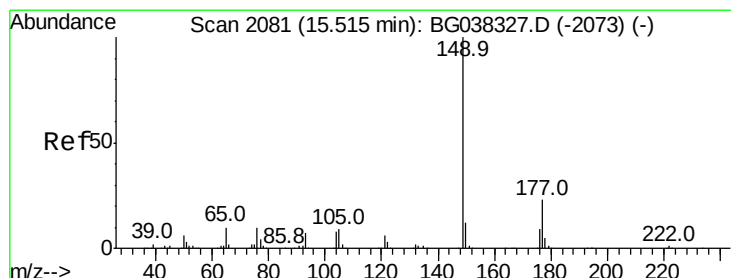
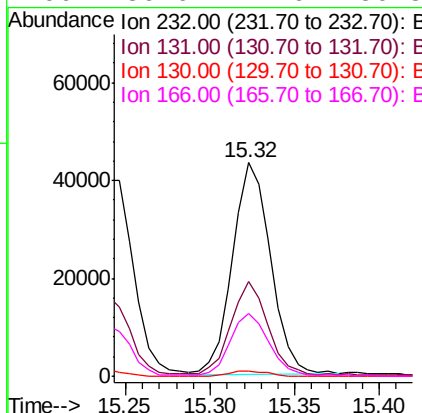
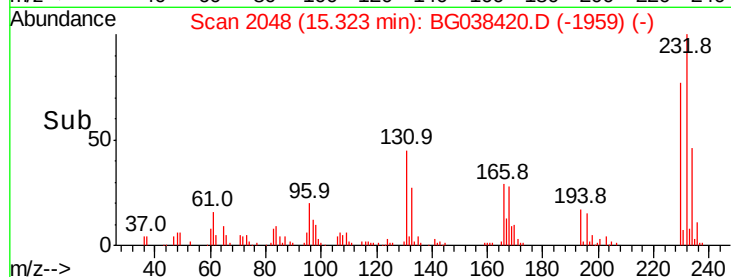
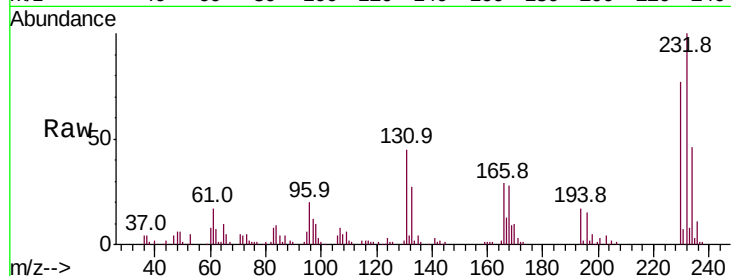




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.141 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

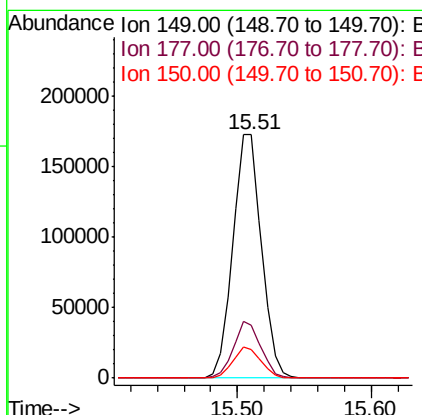
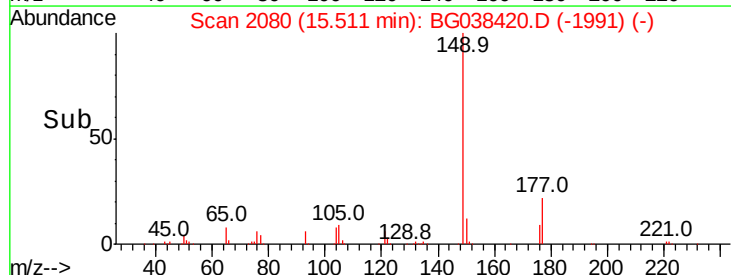
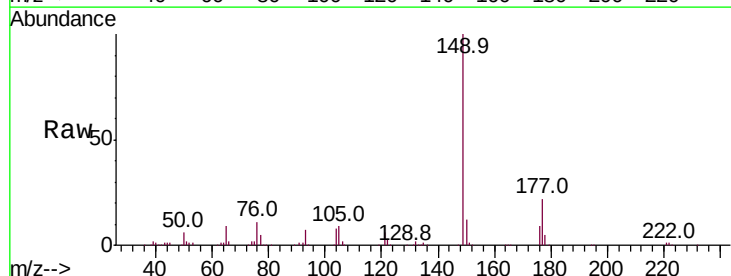
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

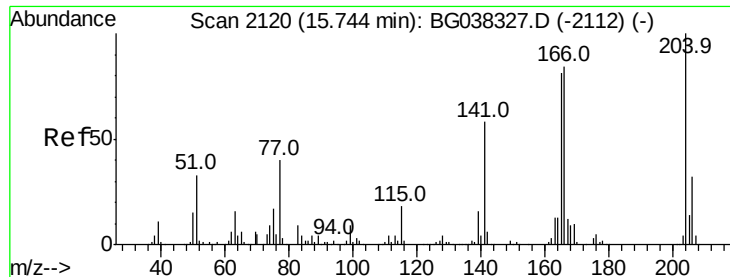
Tot Ion:232 Resp: 67847
 Ion Ratio Lower Upper
 232 100
 131 44.0 33.7 50.5
 130 2.6 2.1 3.1
 166 30.6 24.6 36.8



#60
 Diethylphthalate
 Concen: 39.428 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:149 Resp: 256761
 Ion Ratio Lower Upper
 149 100
 177 21.7 18.3 27.5
 150 11.9 10.0 15.0

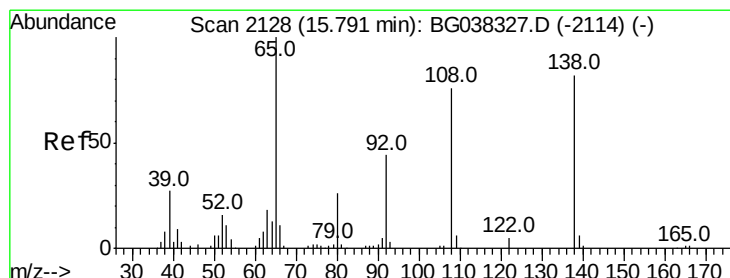
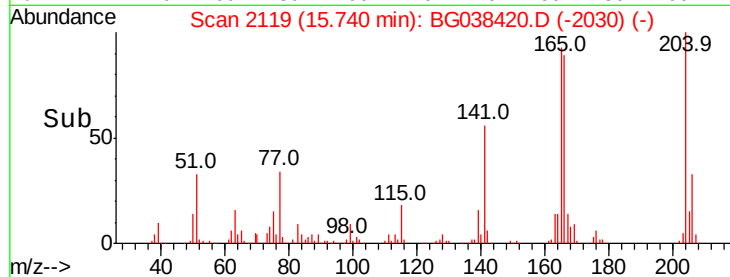
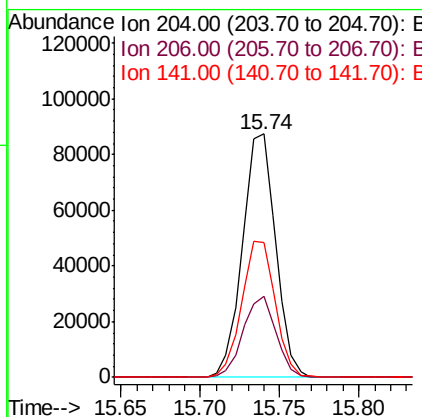
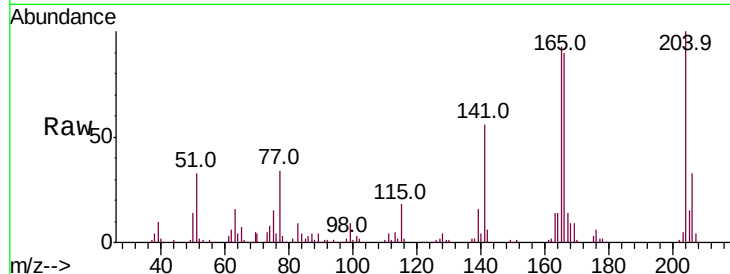




#61
 4-Chlorophenyl-phenylether
 Concen: 40.307 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

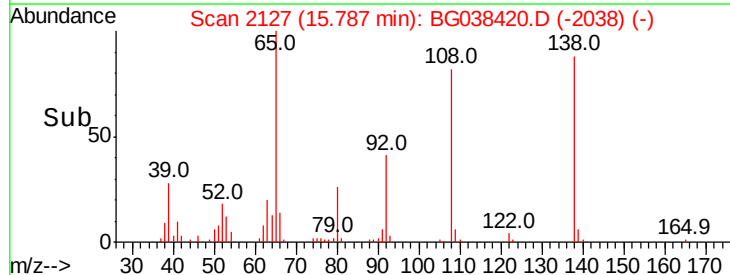
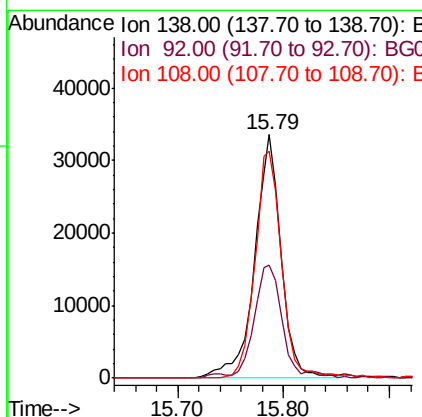
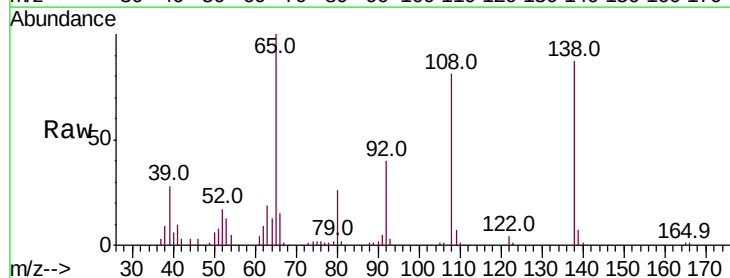
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

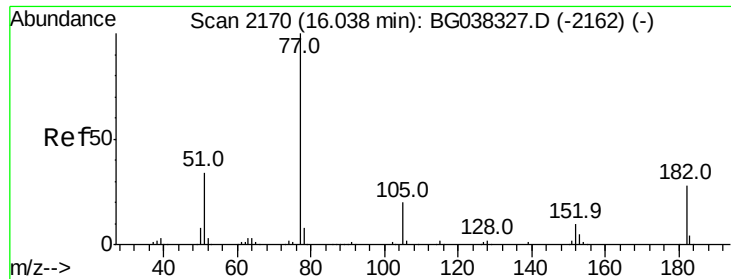
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	55.6	45.4	68.2



#62
 4-Nitroaniline
 Concen: 41.379 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	36.4	76.4
108	93.4	60.1	100.1





#63

Azobenzene

Concen: 40.265 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

Tot Ion: 77 Resp: 229481

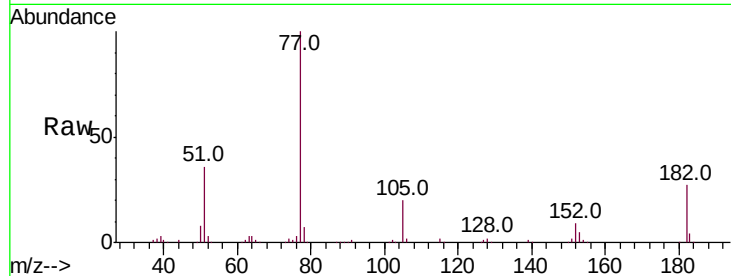
Ion Ratio Lower Upper

77 100

182 27.0 8.0 48.0

105 19.6 1.3 41.3

51 36.1 10.7 50.7

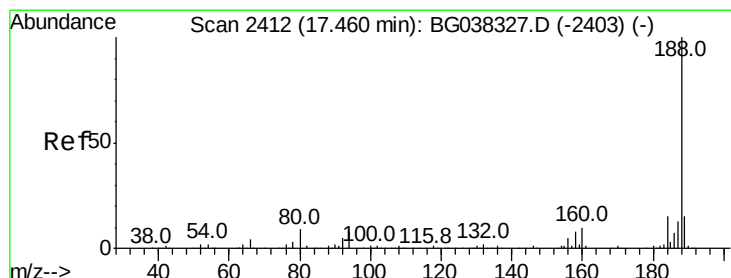
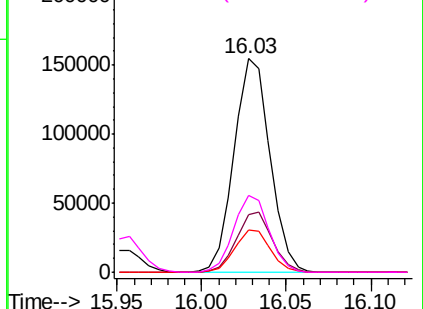
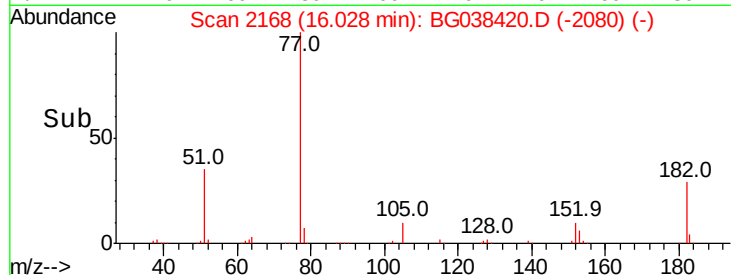


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

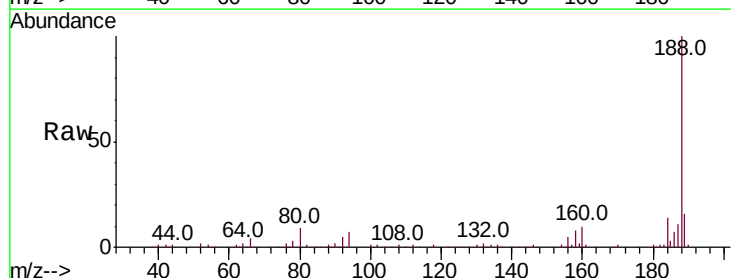
Tgt Ion: 188 Resp: 184062

Ion Ratio Lower Upper

188 100

94 7.0 7.2 10.8#

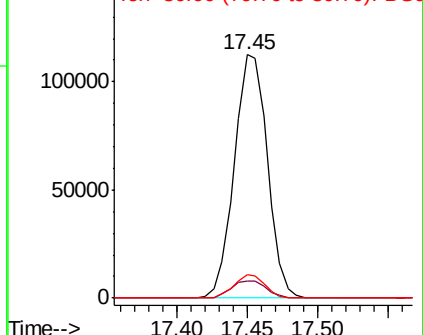
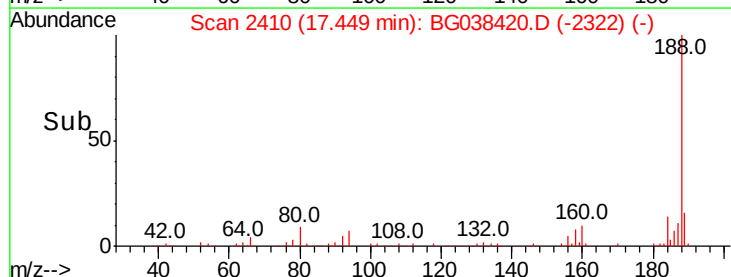
80 9.4 7.7 11.5

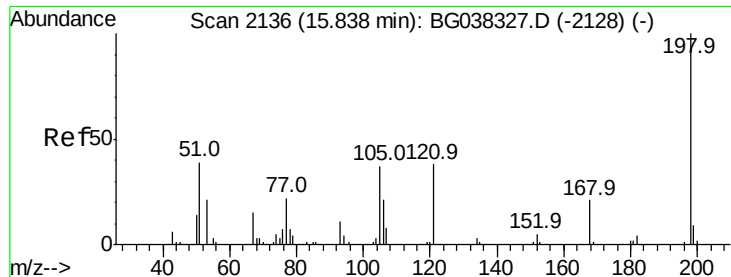


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

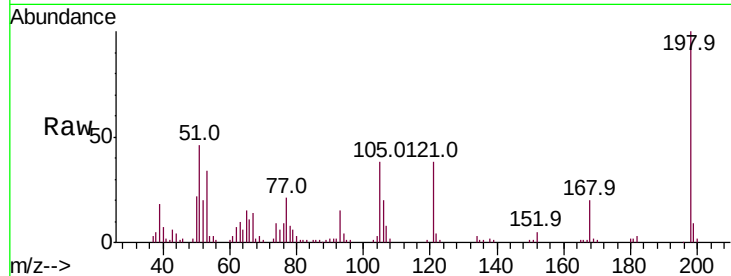




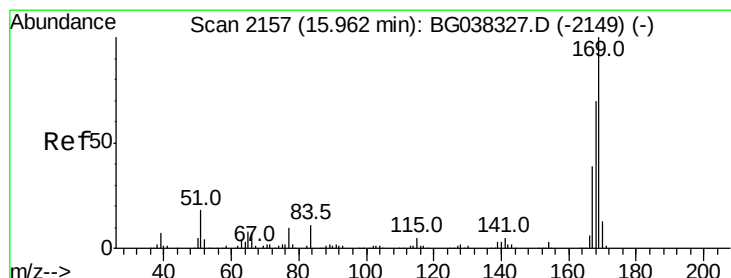
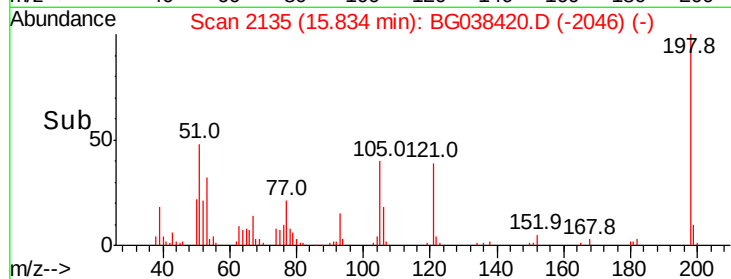
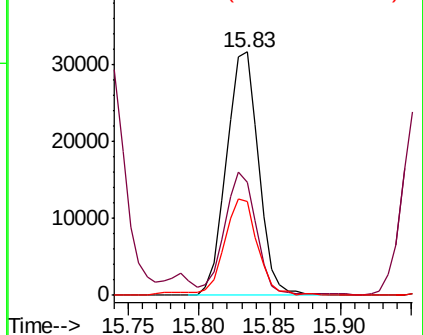
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.481 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion:198 Resp: 50026
 Ion Ratio Lower Upper
 198 100
 51 46.2 22.7 62.7
 105 38.4 19.7 59.7

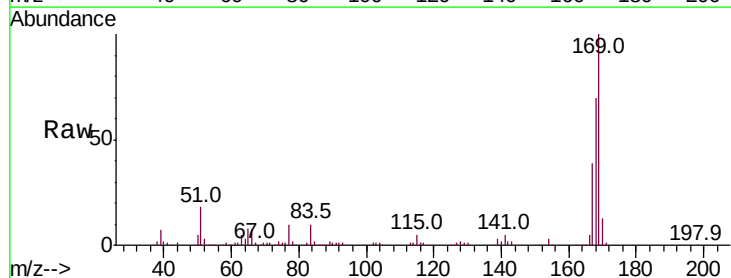


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

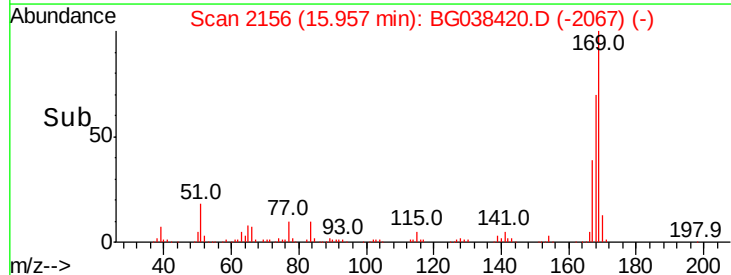
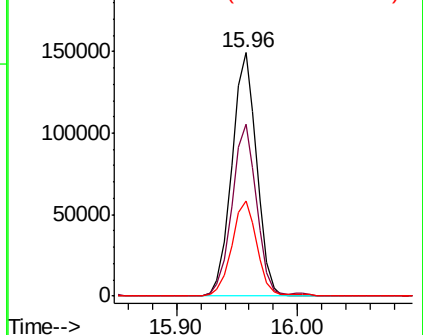


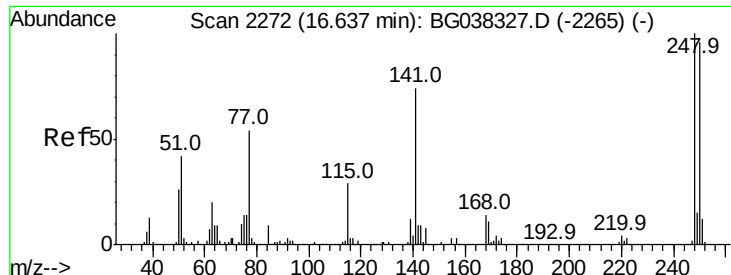
#66
 n-Nitrosodiphenylamine
 Concen: 41.231 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:169 Resp: 213409
 Ion Ratio Lower Upper
 169 100
 168 70.4 55.7 83.5
 167 39.0 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.459 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

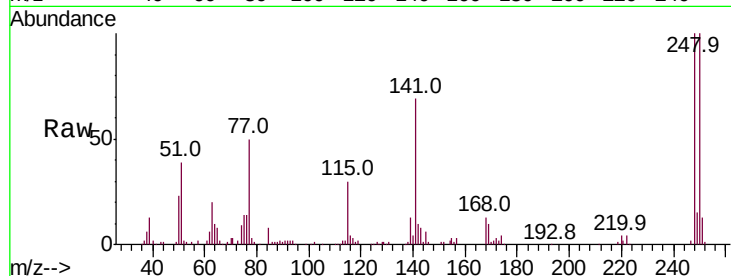
Tot Ion:248 Resp: 84395

Ion Ratio Lower Upper

248 100

250 99.8 77.0 115.6

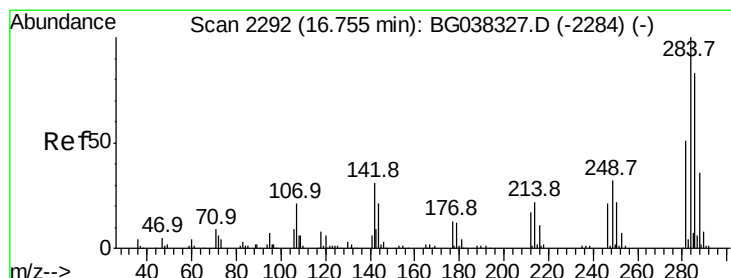
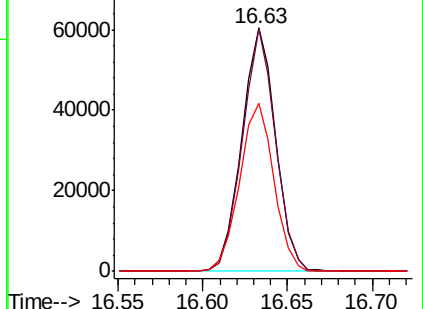
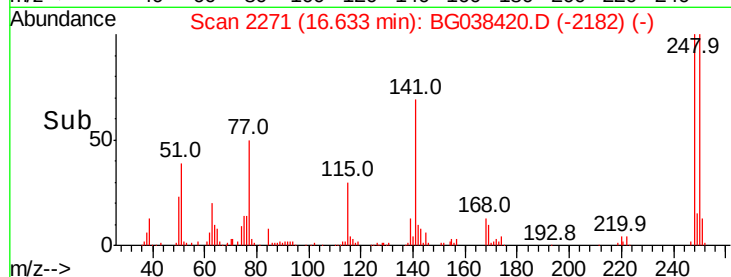
141 69.3 55.5 83.3



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: 42.239 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

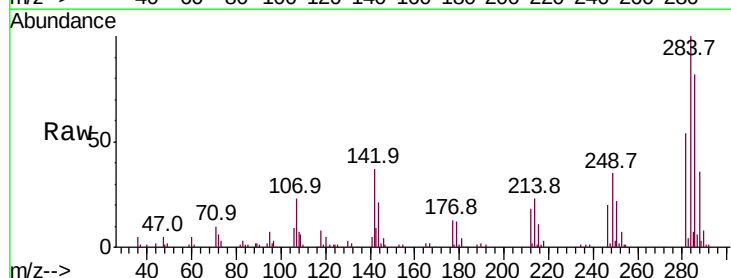
Tgt Ion:284 Resp: 86598

Ion Ratio Lower Upper

284 100

142 37.3 28.1 42.1

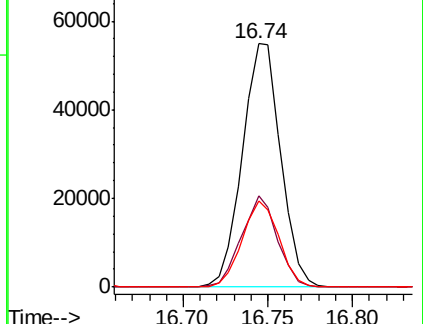
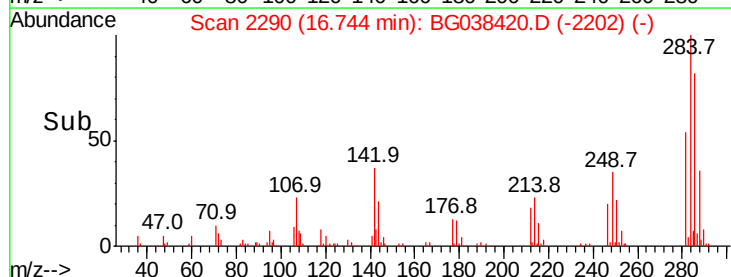
249 38.0 29.8 44.8

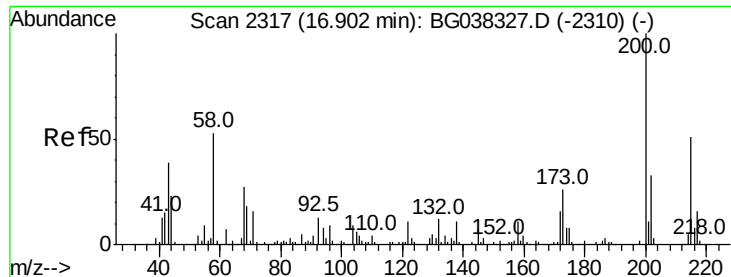


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.291 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

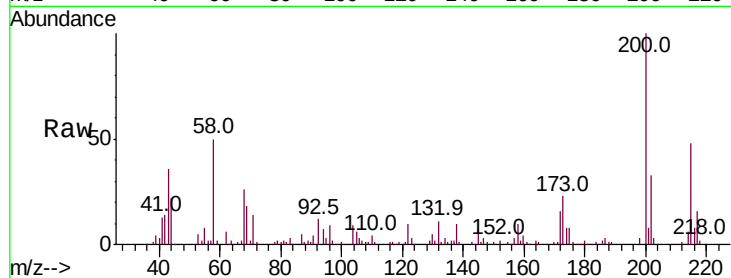
Tot Ion:200 Resp: 83609

Ion Ratio Lower Upper

200 100

173 23.5 6.1 46.1

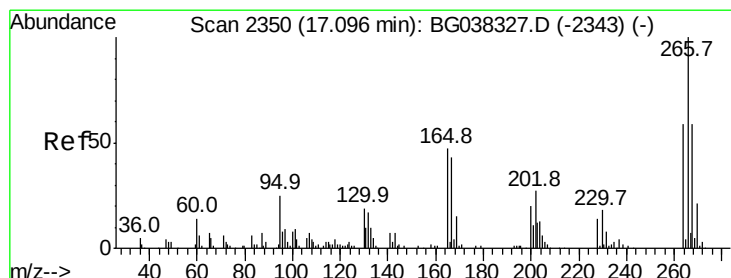
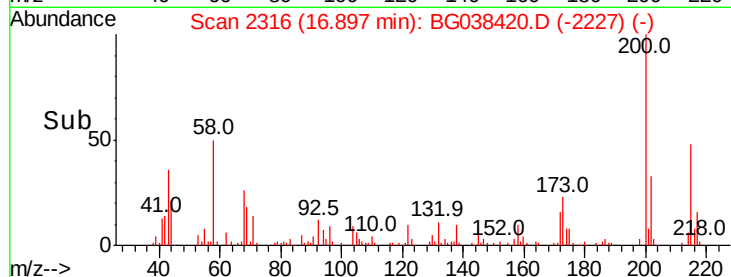
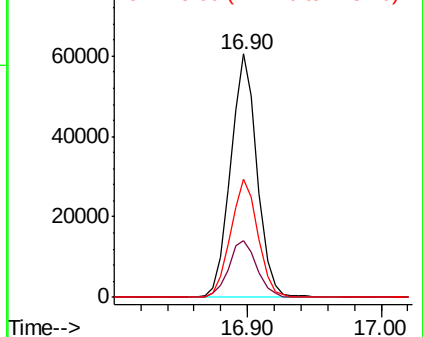
215 48.4 30.8 70.8



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: 74.544 ng

RT: 17.10 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

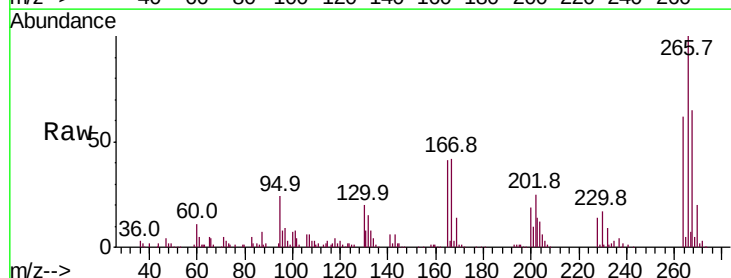
Tgt Ion:266 Resp: 104680

Ion Ratio Lower Upper

266 100

268 69.7 55.0 82.6

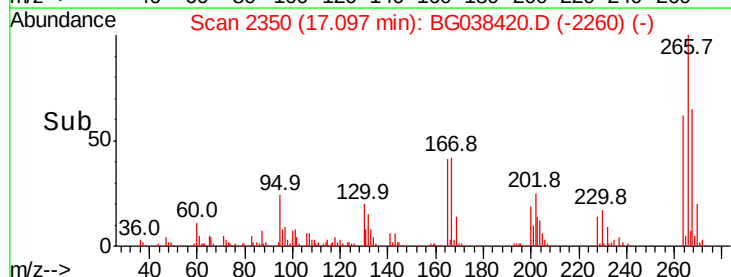
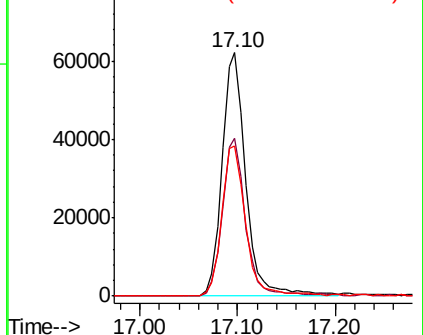
264 67.1 58.9 88.3

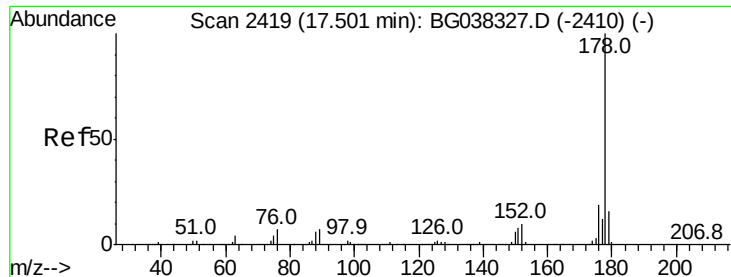


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

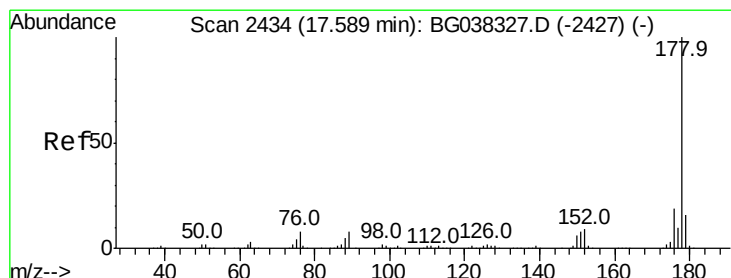
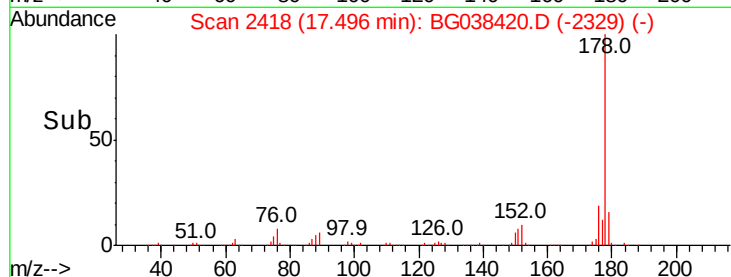
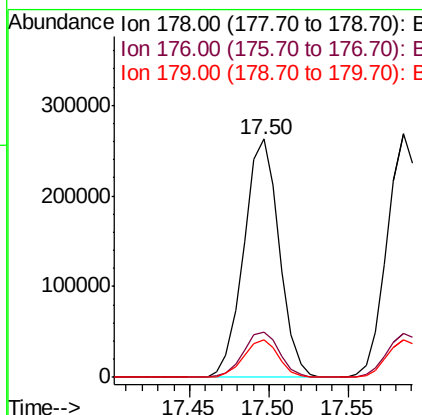
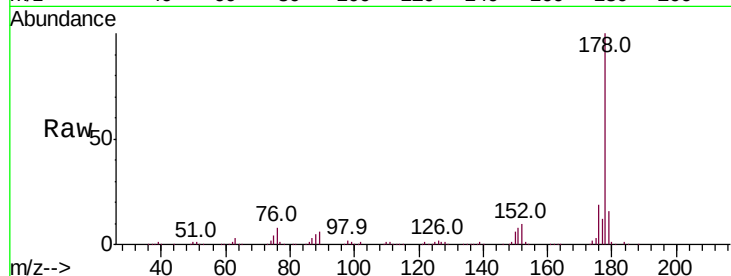




#71
Phenanthrene
Concen: 44.163 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

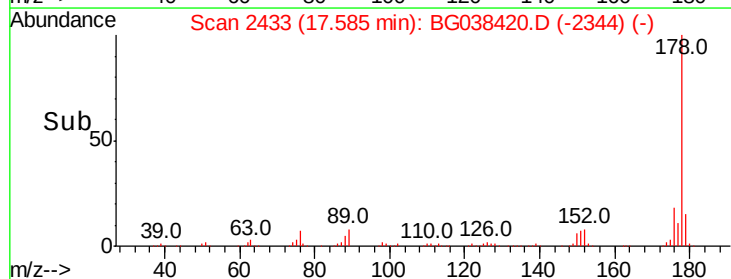
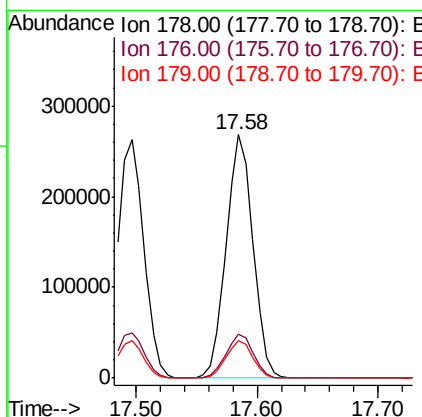
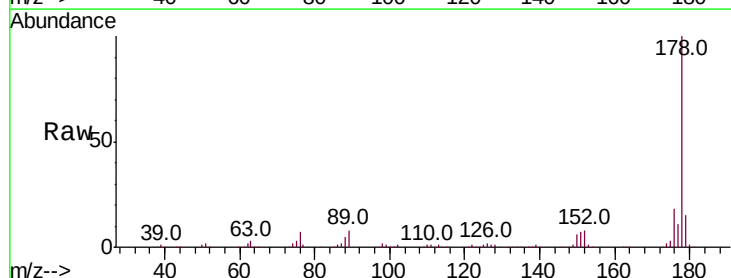
Instrument :
BNA_G
ClientSampleId :
PB115253BS

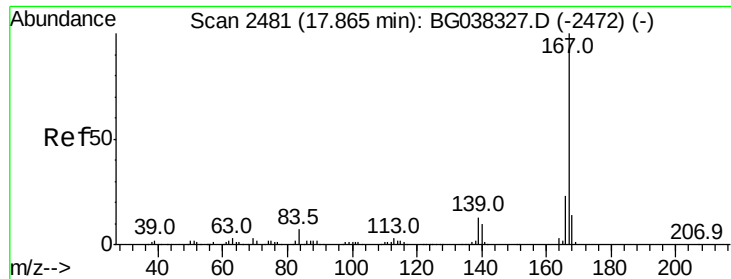
Tot Ion:178 Resp: 407083
Ion Ratio Lower Upper
178 100
176 19.0 16.1 24.1
179 15.9 13.0 19.4



#72
Anthracene
Concen: 46.191 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:178 Resp: 412320
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.4 12.8 19.2

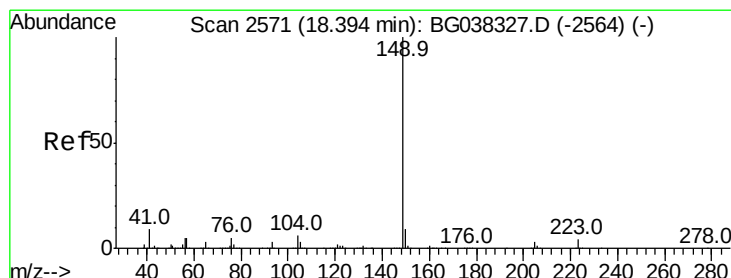
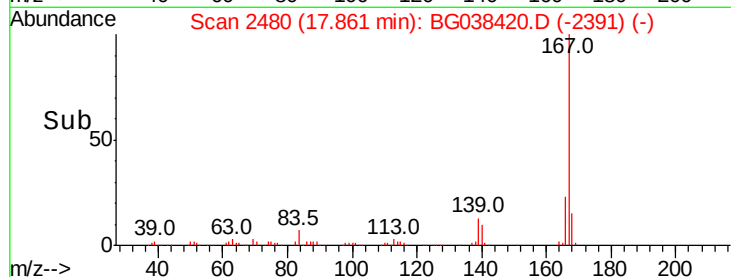
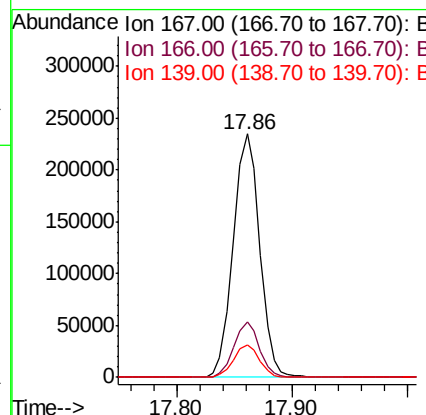
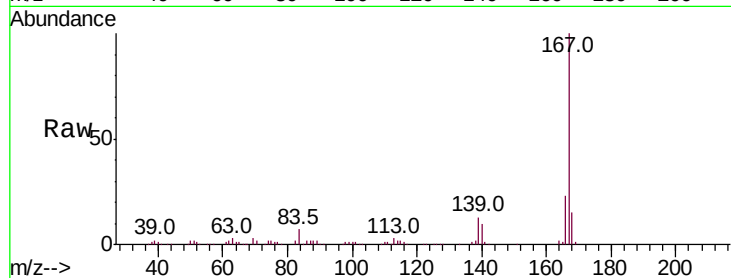




#73
 Carbazole
 Concen: 42.157 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

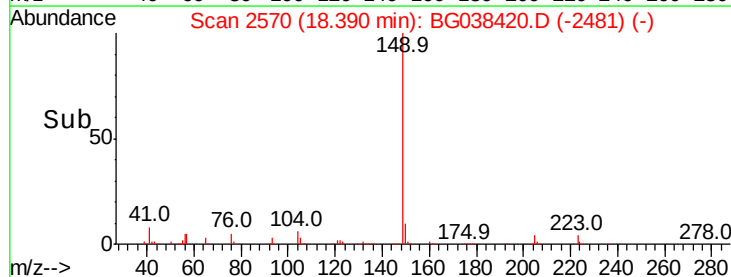
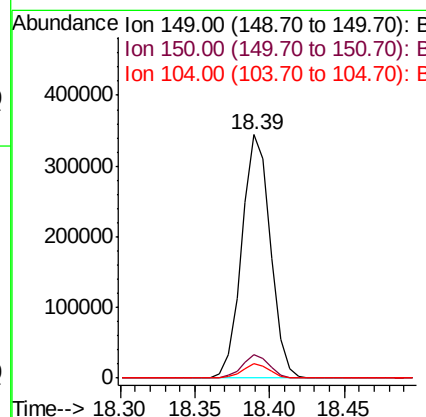
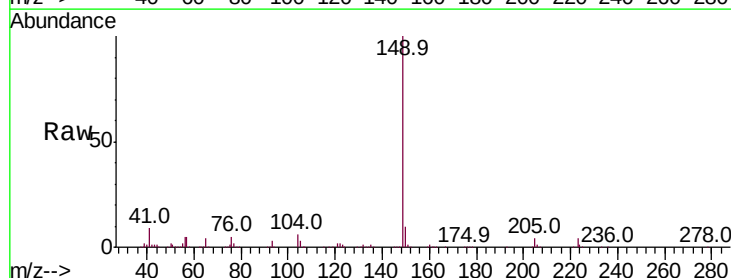
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

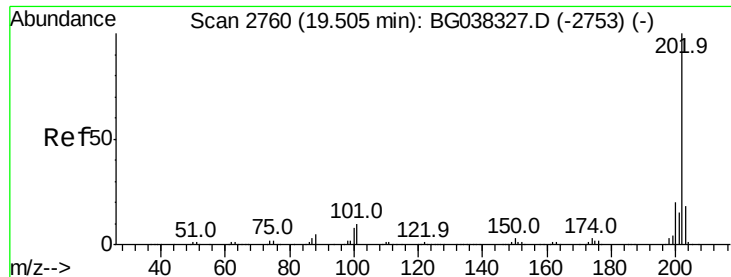
Tot Ion:167 Resp: 373492
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.3 27.5
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.221 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:149 Resp: 457689
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.2 12.2
 104 5.7 4.0 6.0

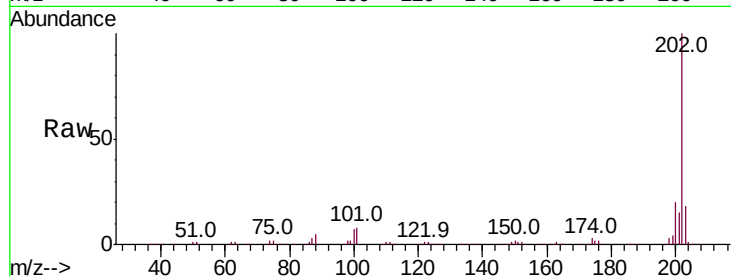




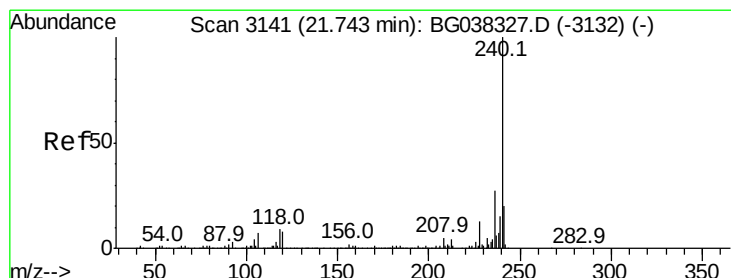
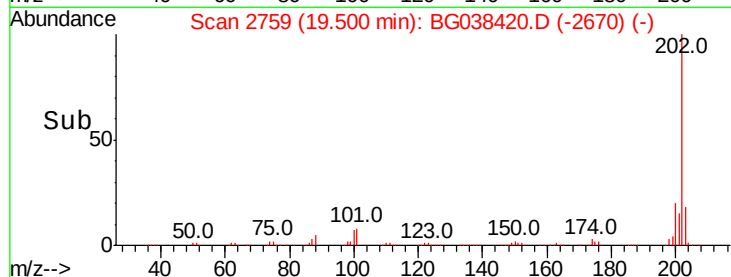
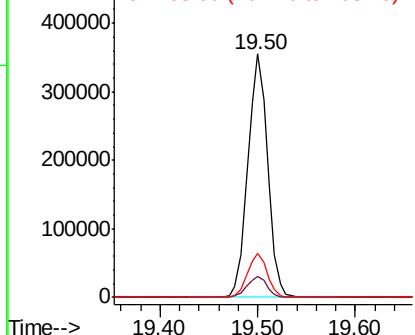
#75
 Fluoranthene
 Concen: 46.944 ng
 RT: 19.50 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.7
203	18.0	0.0	38.5

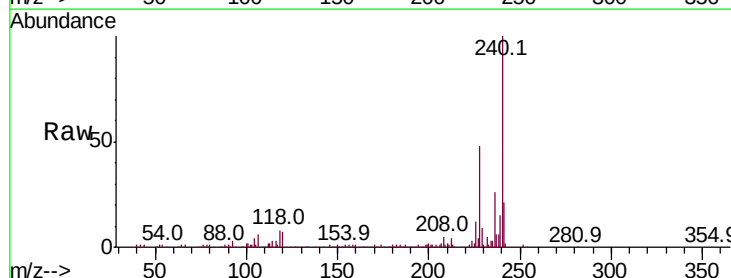


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

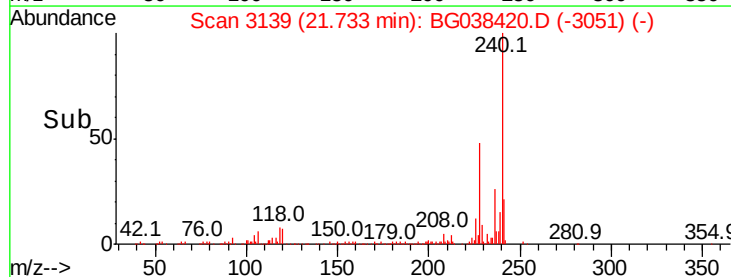
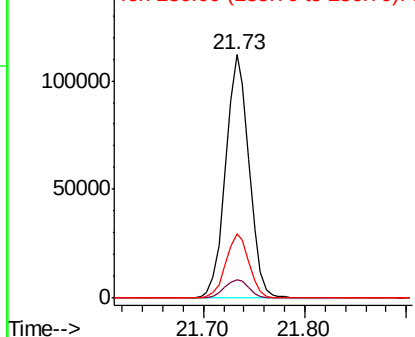


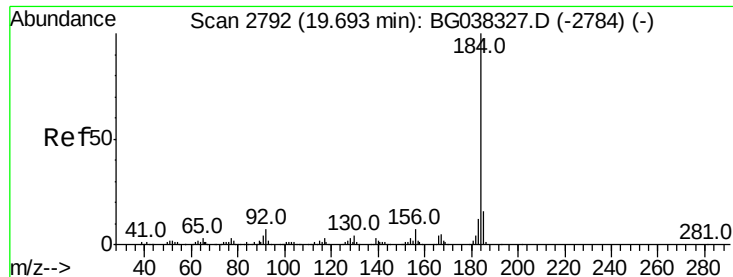
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.1	12.1#
236	26.4	21.4	32.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.040 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

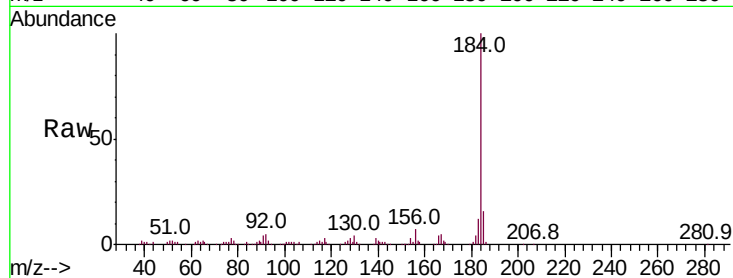
Tot Ion:184 Resp: 181891

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

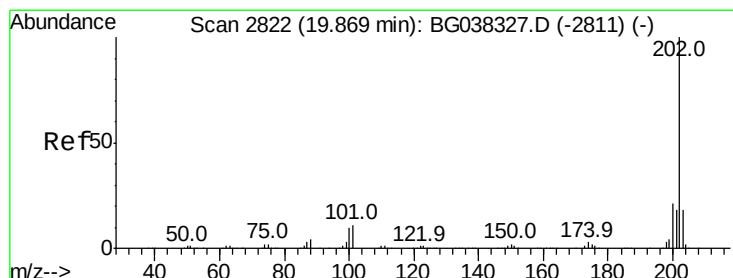
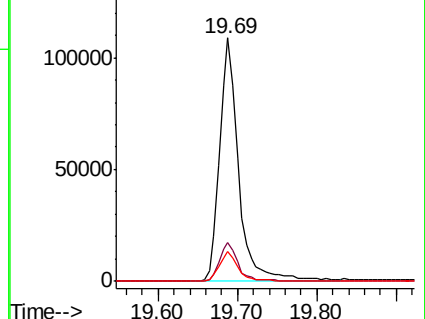
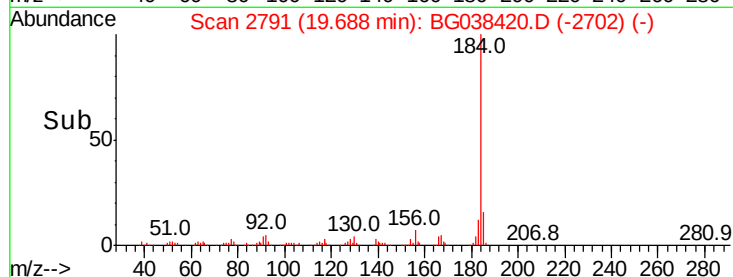
183 12.4 10.2 15.2



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: 40.004 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

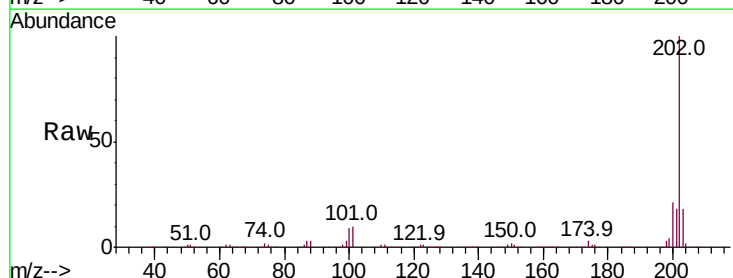
Tgt Ion:202 Resp: 502250

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

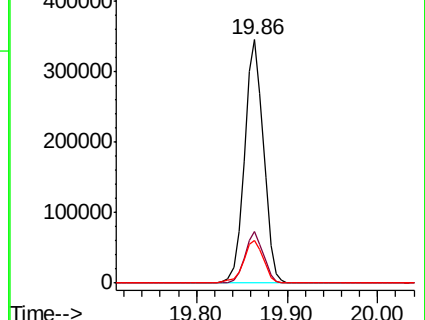
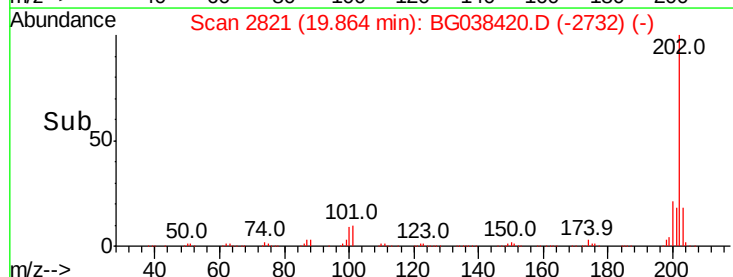
203 17.7 15.2 22.8

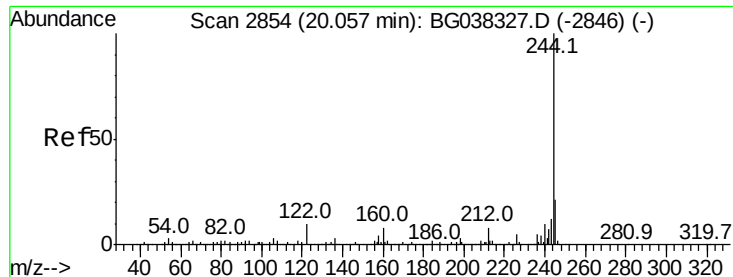


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.814 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

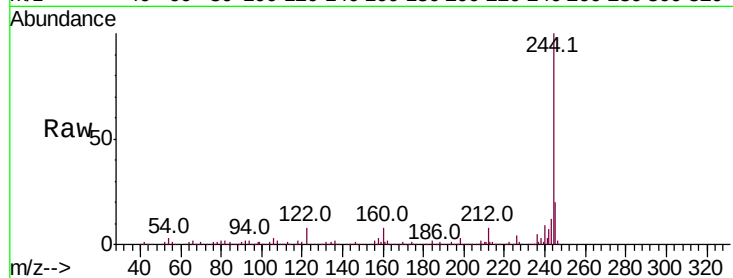
Tot Ion:244 Resp: 618270

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

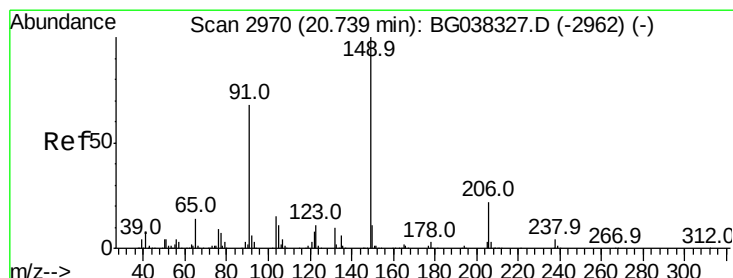
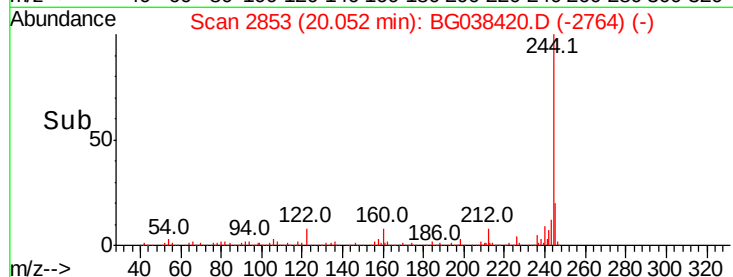
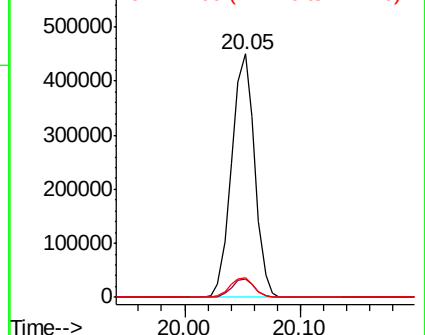
122 8.2 9.0 13.4#



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: 40.013 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

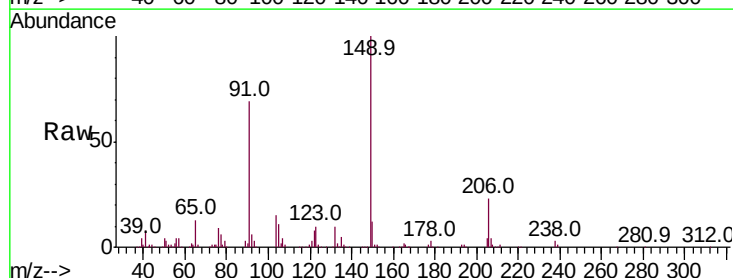
Tgt Ion:149 Resp: 202048

Ion Ratio Lower Upper

149 100

91 69.1 57.0 85.4

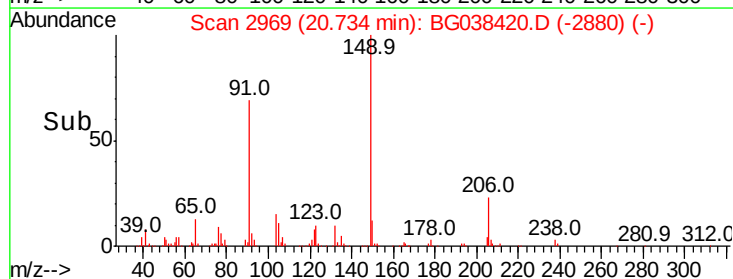
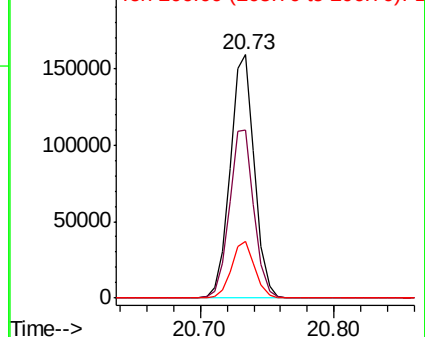
206 23.3 17.8 26.6

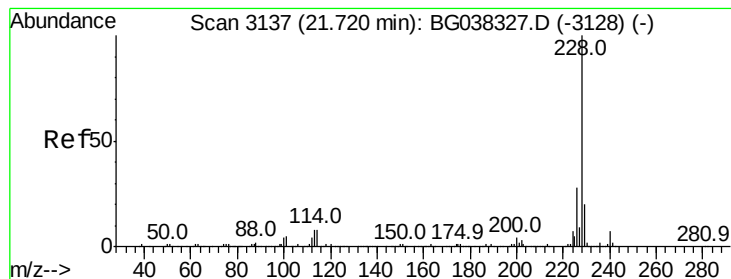


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.895 ng

RT: 21.72 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

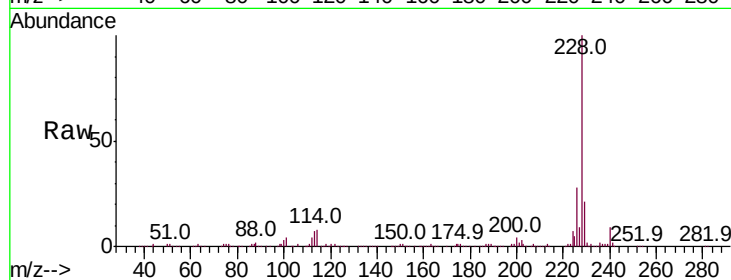
Tot Ion:228 Resp: 473059

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.0	16.3	24.5

228 100

226 27.7 22.6 33.8

229 21.0 16.3 24.5

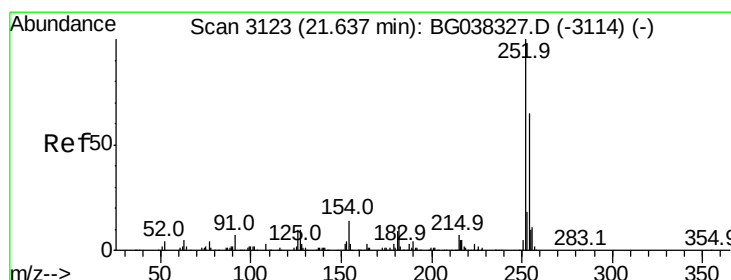
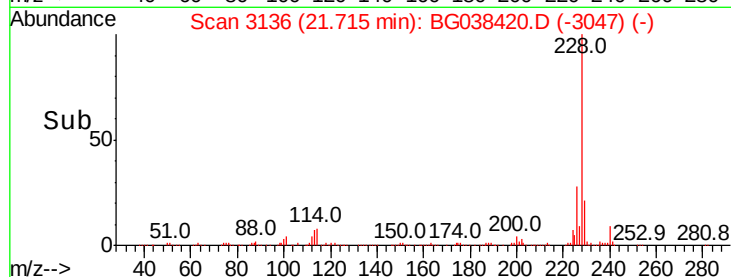
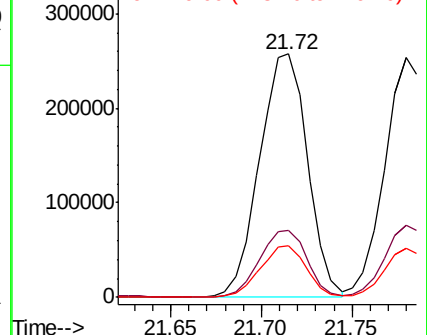


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.383 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

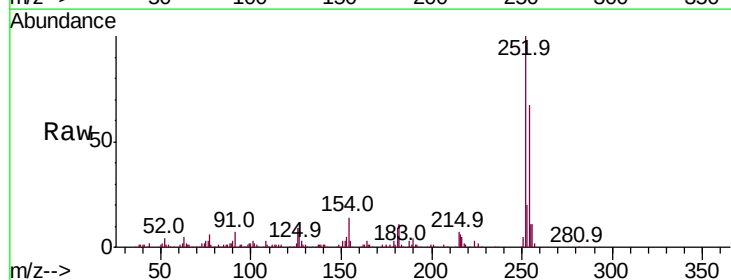
Tgt Ion:252 Resp: 143220

Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.0	78.0
126	9.1	8.2	12.4

252 100

254 66.6 52.0 78.0

126 9.1 8.2 12.4

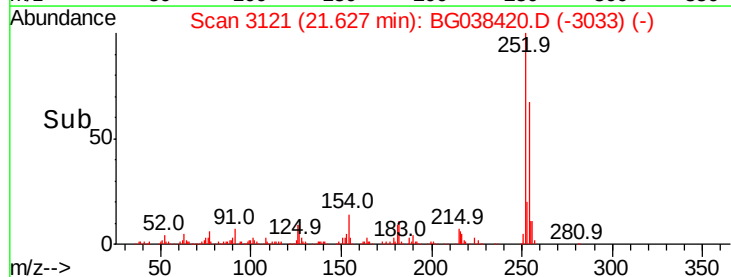
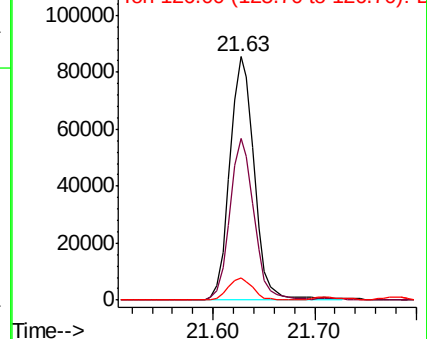


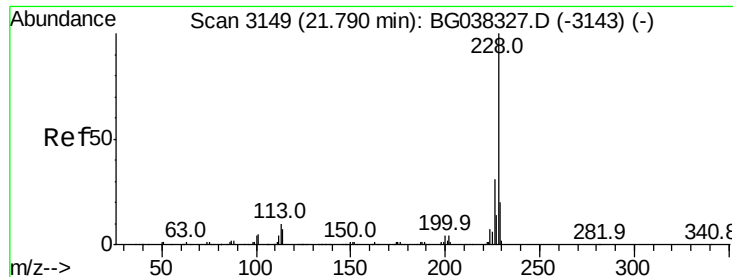
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

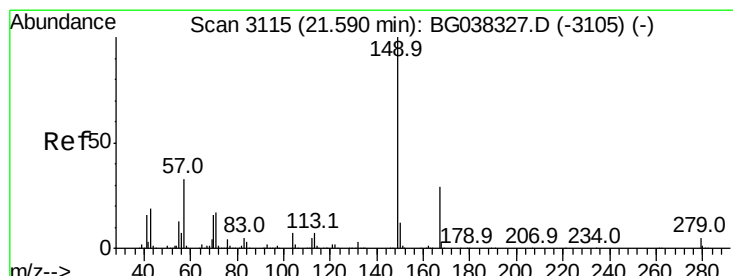
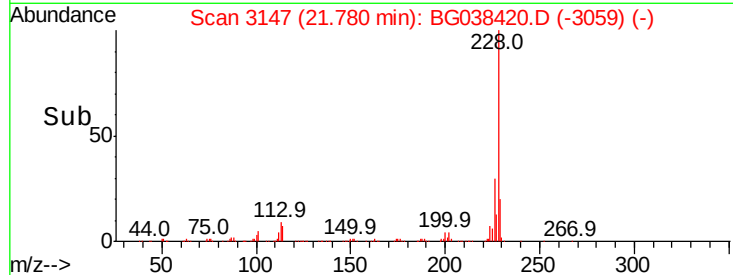
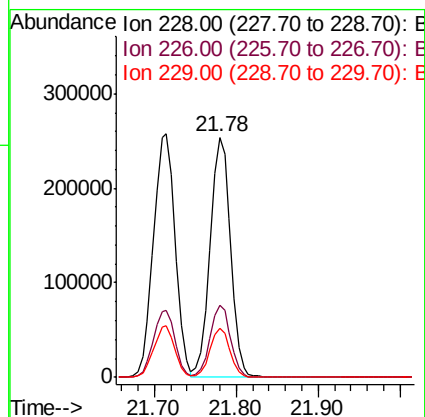
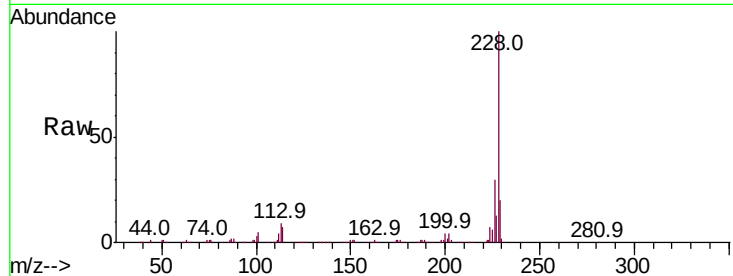




#83
 Chrysene
 Concen: 42.242 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

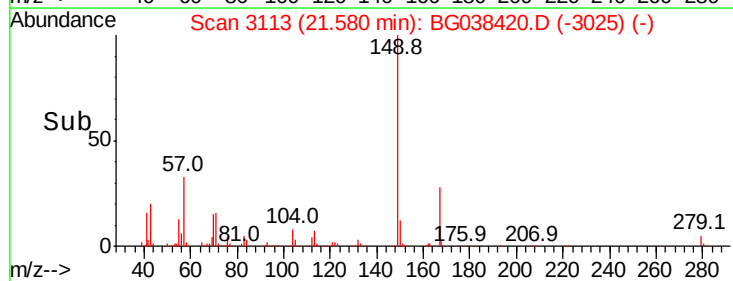
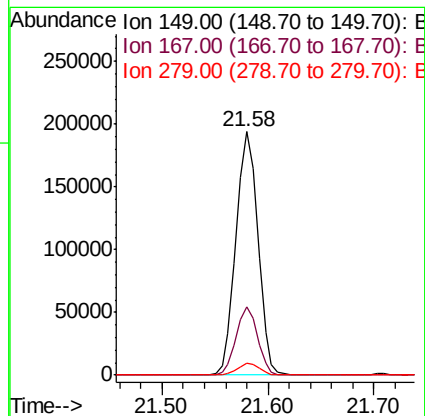
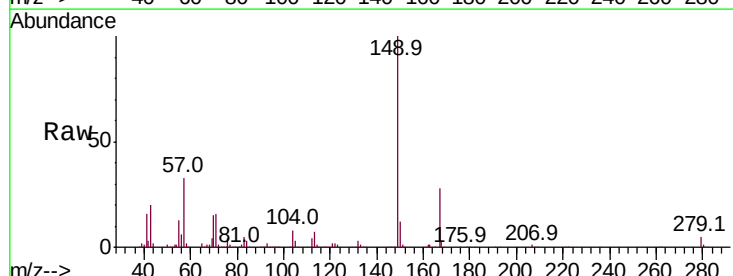
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

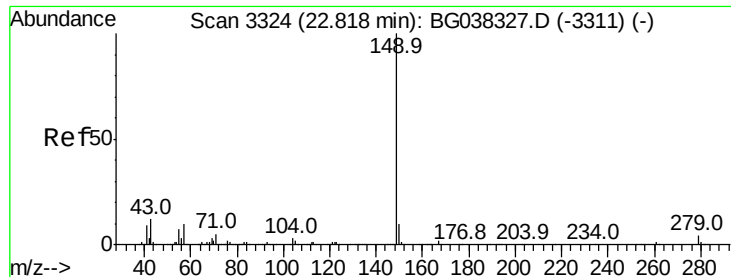
Tot Ion:228	Resp:	440852
Ion	Ratio	Lower Upper
228	100	
226	30.3	25.7 38.5
229	20.4	16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.906 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:149	Resp:	278462
Ion	Ratio	Lower Upper
149	100	
167	28.0	23.0 34.4
279	4.8	3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.926 ng

RT: 22.81 min Scan# 3322

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

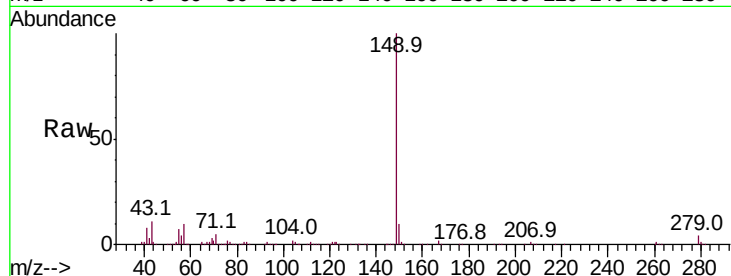
Tot Ion:149 Resp: 674064

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

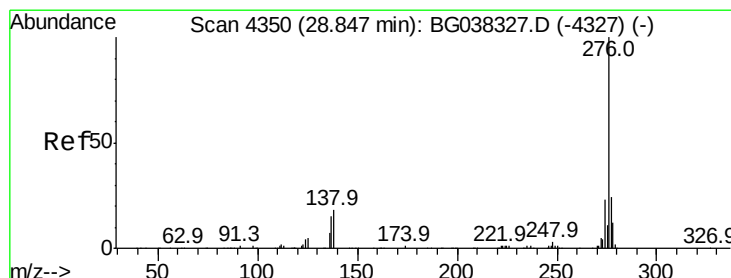
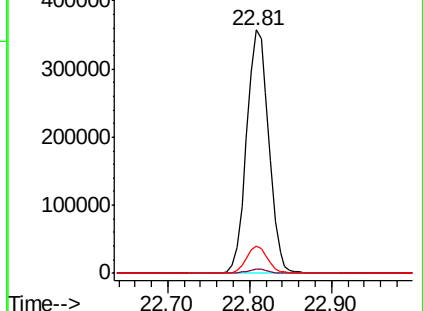
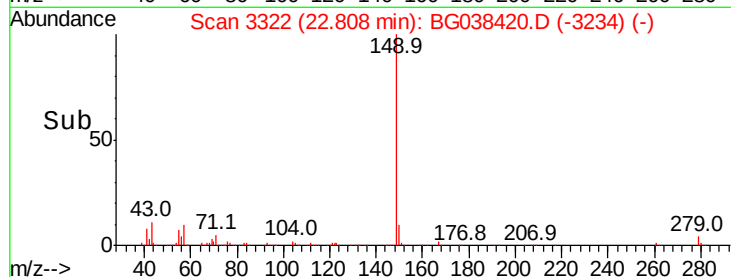
43 10.7 8.7 13.1



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: 43.383 ng

RT: 28.82 min Scan# 4345

Delta R.T. -0.03 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

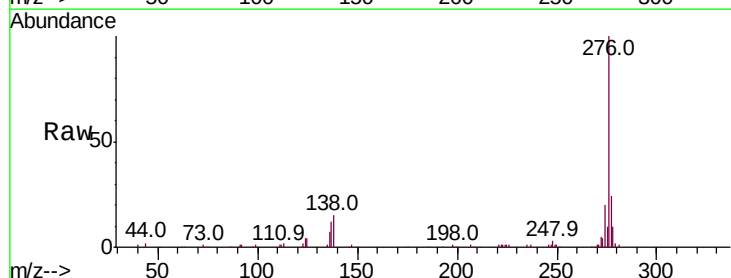
Tgt Ion:276 Resp: 514554

Ion Ratio Lower Upper

276 100

138 14.4 12.0 18.0

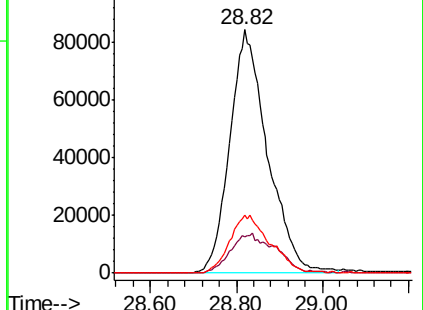
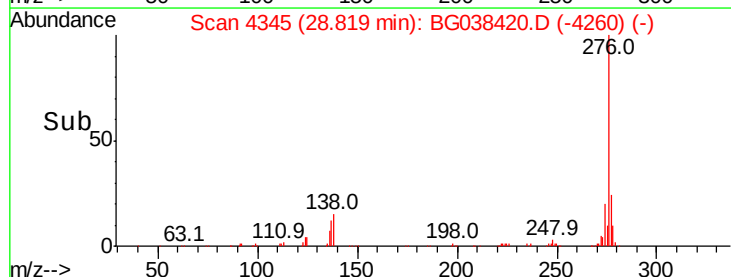
277 25.4 20.6 30.8

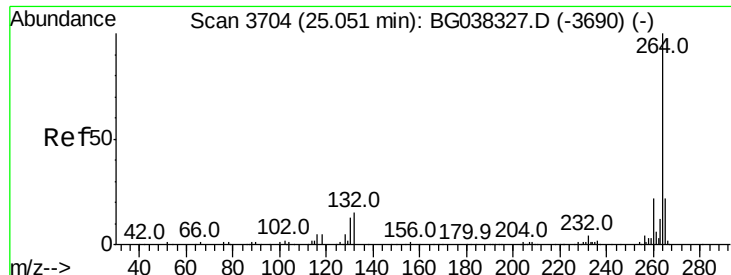


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

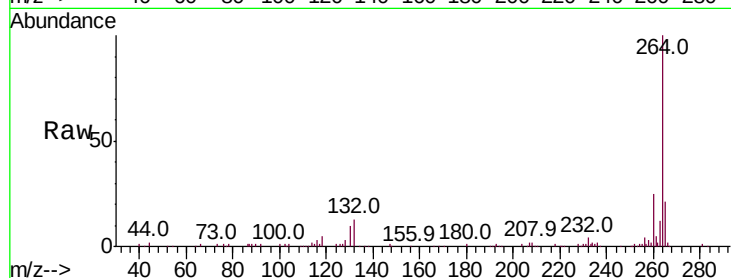
BNA_G

ClientSampleId :

PB115253BS

Tot Ion:264 Resp: 193715

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.4	17.9	26.9

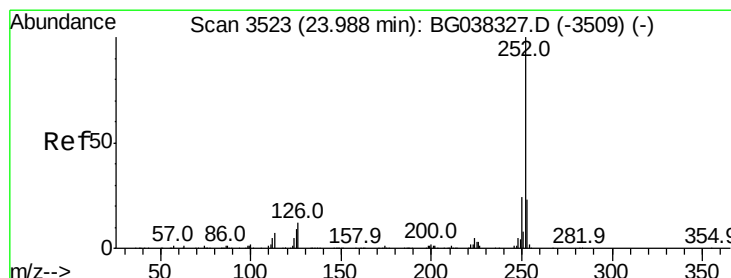
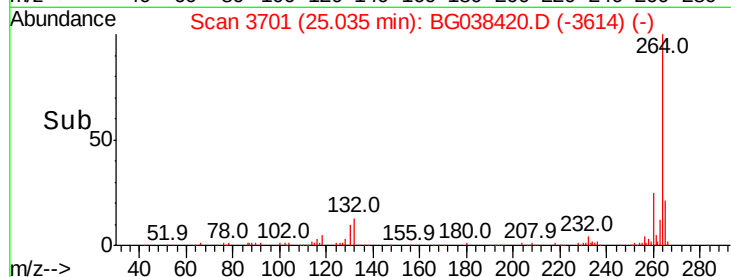
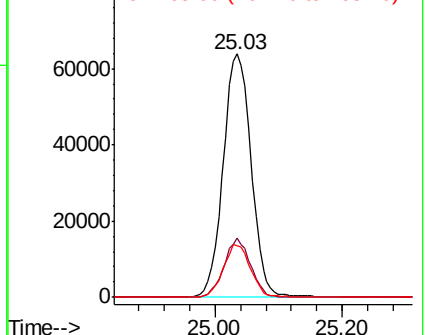


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.651 ng

RT: 23.98 min Scan# 3521

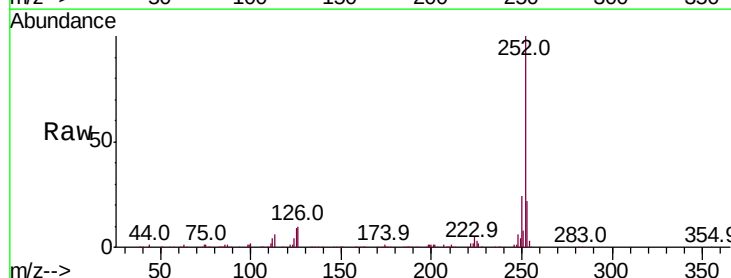
Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Tgt Ion:252 Resp: 477789

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.8	7.8	11.6

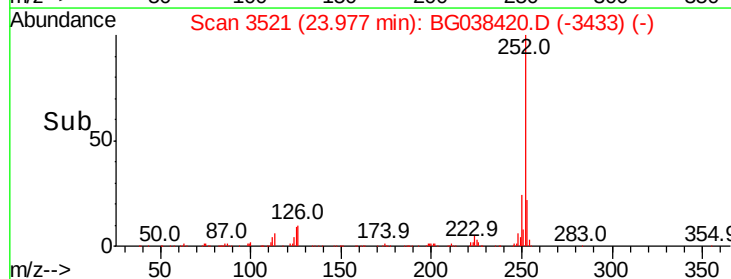
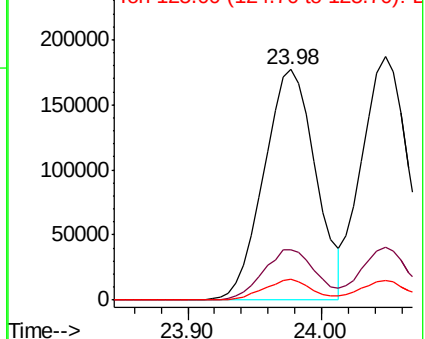


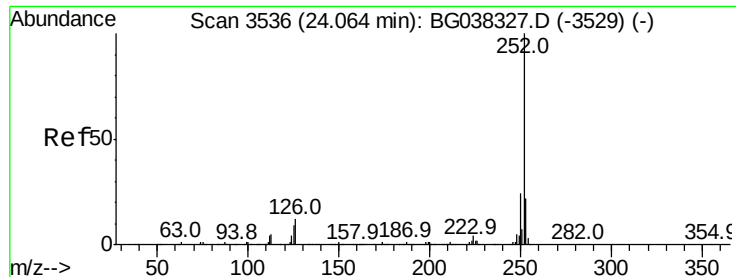
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.395 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

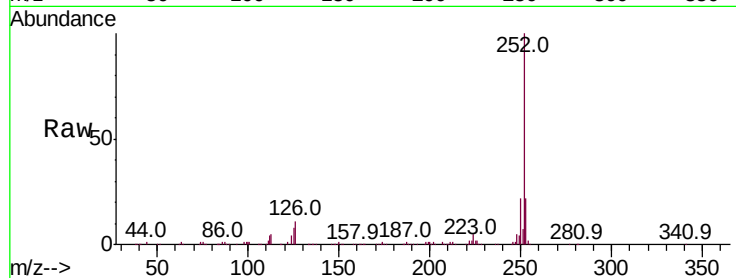
Tot Ion:252 Resp: 451257

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

250000

200000

150000

100000

50000

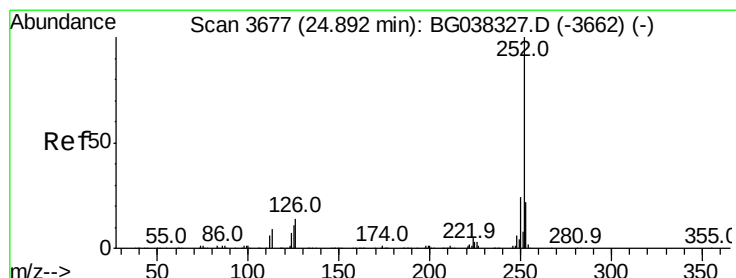
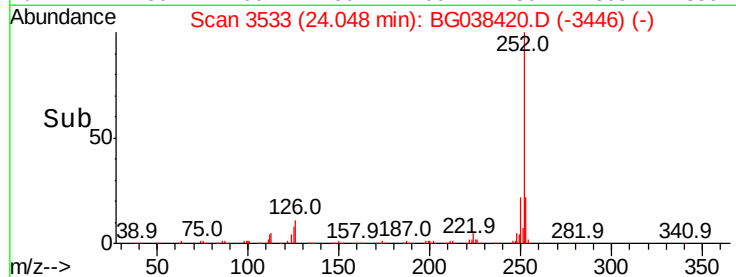
0

24.05

24.00

24.10

Time-->



#90

Benzo(a)pyrene

Concen: 42.414 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

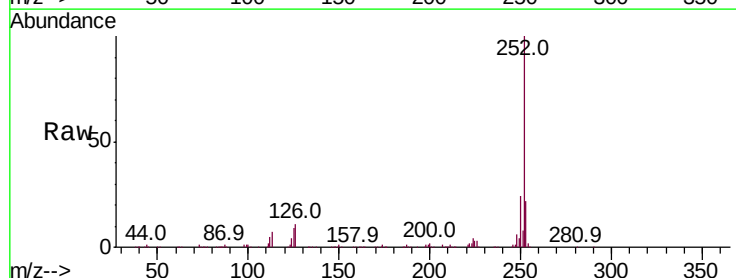
Tgt Ion:252 Resp: 450311

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 8.5 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

200000

150000

100000

50000

0

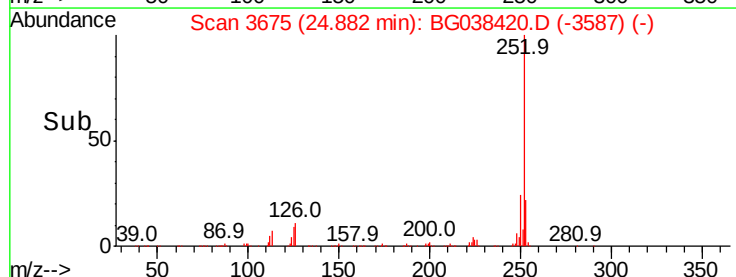
24.88

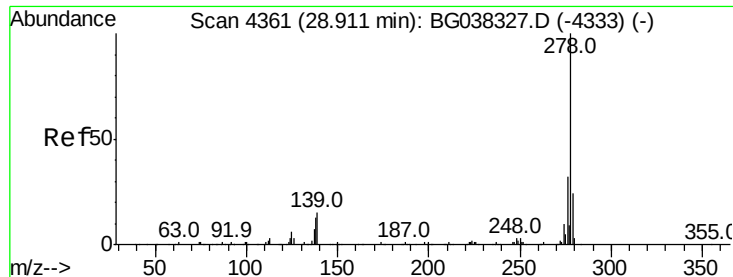
24.80

24.90

25.00

Time-->





#91

Dibenzo(a,h)anthracene

Concen: 41.825 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

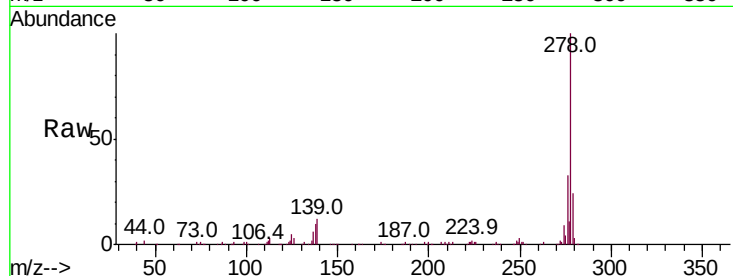
Tot Ion:278 Resp: 421162

Ion Ratio Lower Upper

278 100

139 12.0 11.5 17.3

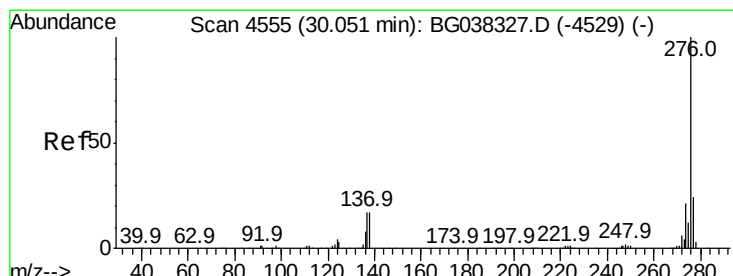
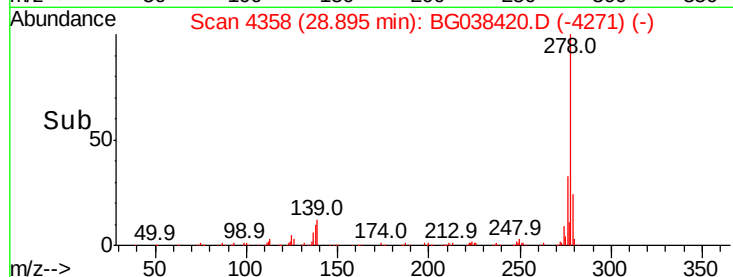
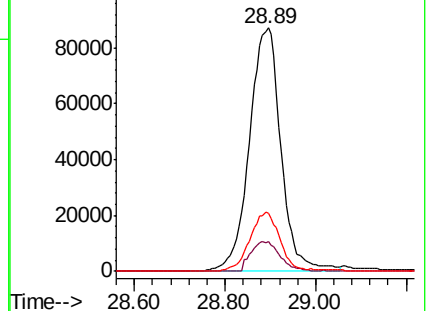
279 23.9 18.6 27.8



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: 42.055 ng

RT: 30.02 min Scan# 4550

Delta R.T. -0.03 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

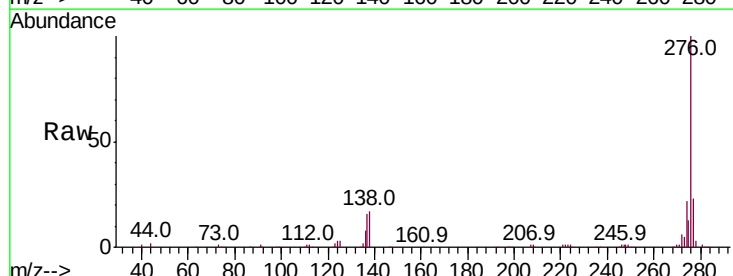
Tgt Ion:276 Resp: 420157

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 17.0 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

