

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038419.D
 Acq On : 8 Dec 2018 1:22
 Operator : JU/SJ
 Sample : PB115249BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Quant Time: Dec 08 04:09:54 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	24953	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	111711	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79568	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	195527	20.00	ng	0.00
76) Chrysene-d12	21.73	240	190501	20.00	ng	0.00
87) Perylene-d12	25.04	264	200579	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	171287	121.48	ng	0.00
7) Phenol-d6	7.22	99	231815	113.75	ng	0.00
23) Nitrobenzene-d5	9.24	82	149439	66.42	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	109627	112.23	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	359037	64.30	ng	0.00
79) Terphenyl-d14	20.05	244	651742	73.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	17608	27.246	ng	# 92
3) Pyridine	3.90	79	55776	28.849	ng	97
4) n-Nitrosodimethylamine	3.83	42	33357	39.387	ng	98
6) Aniline	7.40	93	62659	24.072	ng	99
8) 2-Chlorophenol	7.63	128	62457	38.139	ng	97
9) Benzaldehyde	7.20	77	34394	26.651	ng	98
10) Phenol	7.25	94	82074	38.116	ng	91
11) bis(2-Chloroethyl)ether	7.49	93	56485	32.030	ng	99
12) 1,3-Dichlorobenzene	7.95	146	60251	31.479	ng	99
13) 1,4-Dichlorobenzene	8.10	146	61051	30.829	ng	98
14) 1,2-Dichlorobenzene	8.42	146	59657	30.865	ng	98
15) Benzyl Alcohol	8.31	79	46911	27.998	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	129828	32.366	ng	95
17) 2-Methylphenol	8.50	107	57390	37.732	ng	95
18) Hexachloroethane	9.15	117	23273	32.561	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	48173	31.916	ng	94
20) 3+4-Methylphenols	8.83	107	79381	36.593	ng	94
22) Acetophenone	8.90	105	94755	34.802	ng	# 96
24) Nitrobenzene	9.29	77	74980	32.799	ng	98
25) Isophorone	9.80	82	140212	35.459	ng	# 97
26) 2-Nitrophenol	10.00	139	35732	33.734	ng	# 88
27) 2,4-Dimethylphenol	10.04	122	64359	42.303	ng	94
28) bis(2-Chloroethoxy)methane	10.28	93	84635	37.336	ng	99
29) 2,4-Dichlorophenol	10.53	162	68073	39.197	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	67706	33.211	ng	99
31) Naphthalene	10.94	128	197578	37.026	ng	98
32) Benzoic acid	10.18	122	24593	25.270	ng	# 81
33) 4-Chloroaniline	11.06	127	11413	4.831	ng	# 93
34) Hexachlorobutadiene	11.20	225	42498	33.321	ng	97
35) Caprolactam	11.83	113	19578	27.261	ng	# 89
36) 4-Chloro-3-methylphenol	12.16	107	76857	39.831	ng	99
37) 2-Methylnaphthalene	12.53	142	149190	39.259	ng	97
38) 1-Methylnaphthalene	12.76	142	143399	39.399	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	83876	30.635	ng	99

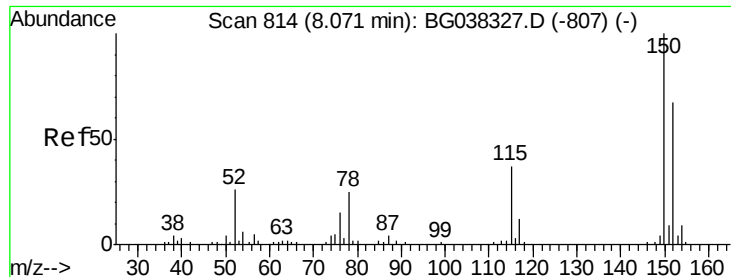
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038419.D
 Acq On : 8 Dec 2018 1:22
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Quant Time: Dec 08 04:09:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 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	12.86	237	105620	70.198	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	61664	34.768	ng	100
44) 2,4,5-Trichlorophenol	13.21	196	69855	37.178	ng	96
46) 1,1'-Biphenyl	13.54	154	200711	29.842	ng	98
47) 2-Chloronaphthalene	13.59	162	160961	31.715	ng	98
48) 2-Nitroaniline	13.80	65	57081	33.524	ng	97
49) Acenaphthylene	14.43	152	270706	35.415	ng	98
50) Dimethylphthalate	14.15	163	223781	35.064	ng	100
51) 2,6-Dinitrotoluene	14.28	165	50654	34.746	ng	93
52) Acenaphthene	14.77	154	154619	33.181	ng	97
53) 3-Nitroaniline	14.63	138	32178	20.494	ng	# 99
54) 2,4-Dinitrophenol	14.82	184	64680	80.935	ng	# 82
55) Dibenzofuran	15.10	168	261344	33.924	ng	98
56) 4-Nitrophenol	14.92	139	79265	63.909	ng	85
57) 2,4-Dinitrotoluene	15.07	165	71639	35.629	ng	91
58) Fluorene	15.75	166	213101	37.547	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	62306	38.181	ng	99
60) Diethylphthalate	15.51	149	243090	34.381	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	114157	33.486	ng	99
62) 4-Nitroaniline	15.79	138	50426	32.654	ng	83
63) Azobenzene	16.03	77	206999	33.452	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	45681	35.657	ng	96
66) n-Nitrosodiphenylamine	15.95	169	197119	35.851	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	75561	35.786	ng	98
68) Hexachlorobenzene	16.75	284	79132	36.334	ng	98
69) Atrazine	16.90	200	73736	35.940	ng	97
70) Pentachlorophenol	17.09	266	90170	60.446	ng	98
71) Phenanthrene	17.50	178	372697	38.062	ng	99
72) Anthracene	17.59	178	377068	39.765	ng	98
73) Carbazole	17.86	167	336888	35.796	ng	99
74) Di-n-butylphthalate	18.39	149	414151	37.668	ng	98
75) Fluoranthene	19.50	202	459541	40.169	ng	97
77) Benzidine	19.69	184	78270	12.176	ng	97
78) Pyrene	19.87	202	456504	34.249	ng	97
80) Butylbenzylphthalate	20.73	149	184113	34.343	ng	98
81) Benzo(a)anthracene	21.71	228	430782	36.793	ng	98
82) 3,3'-Dichlorobenzidine	21.63	252	134193	29.463	ng	97
83) Chrysene	21.78	228	403588	36.426	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	256016	33.693	ng	97
85) Di-n-octyl phthalate	22.81	149	450344	34.565	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	476846	37.869	ng	97
88) Benzo(b)fluoranthene	23.98	252	430469	37.982	ng	98
89) Benzo(k)fluoranthene	24.04	252	408275	36.170	ng	99
90) Benzo(a)pyrene	24.88	252	415270	37.775	ng	# 96
91) Dibenzo(a,h)anthracene	28.88	278	391809	37.578	ng	97
92) Benzo(g,h,i)perylene	30.02	276	399122	38.583	ng	# 94

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

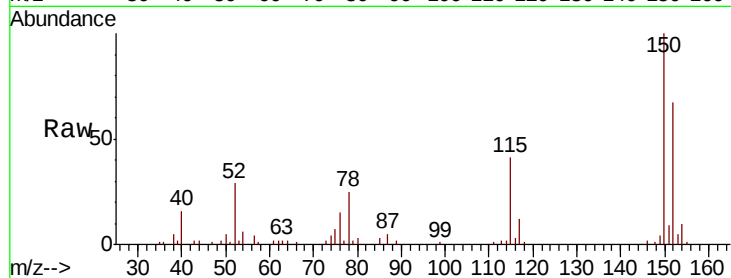


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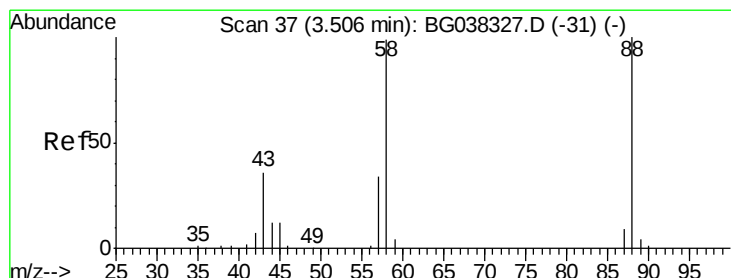
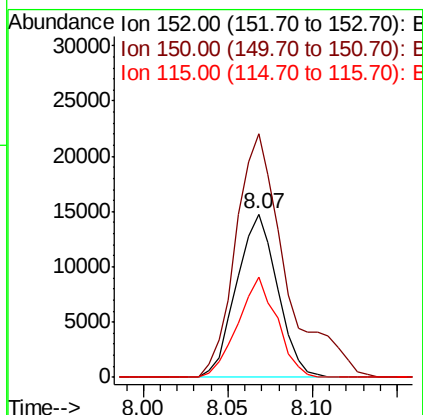
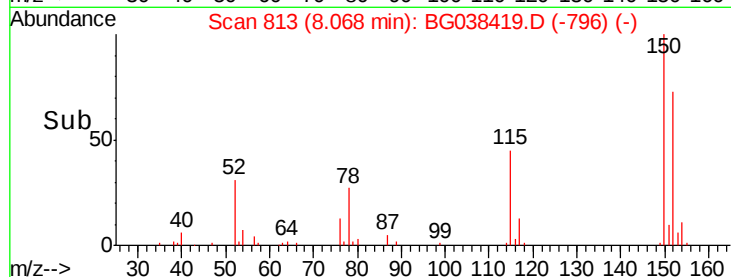
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Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tgt Ion:152 Resp: 24953
Ion Ratio Lower Upper
152 100
150 149.0 126.0 189.0
115 61.3 45.5 68.3



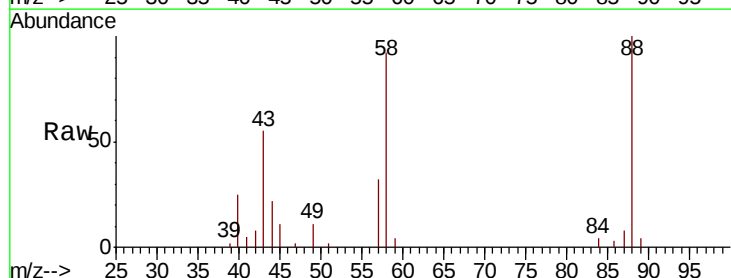
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



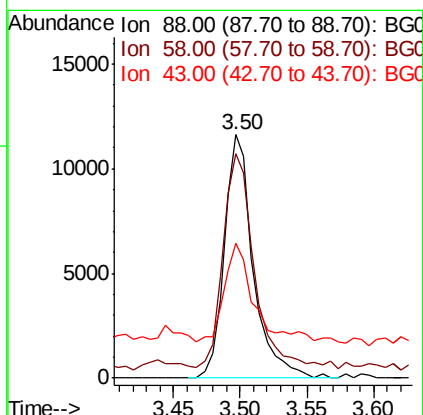
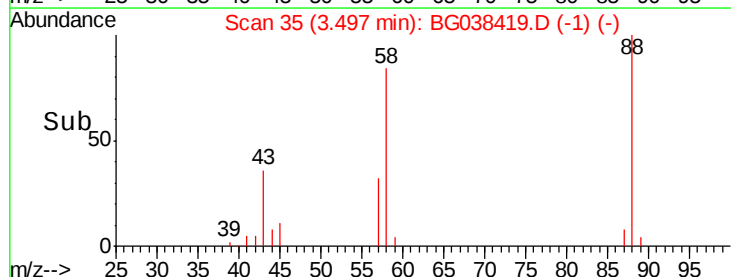
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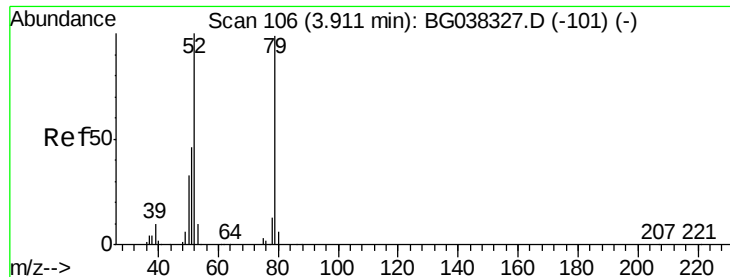
1,4-Dioxane
Concen: 27.246 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion: 88 Resp: 17608
Ion Ratio Lower Upper
88 100
58 96.1 74.4 111.6
43 43.6 25.8 38.8#



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





#3

Pyridine

Concen: 28.849 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

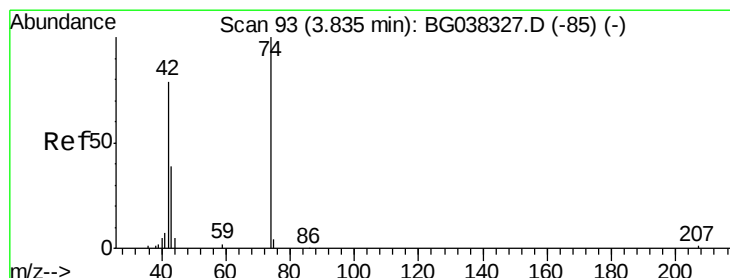
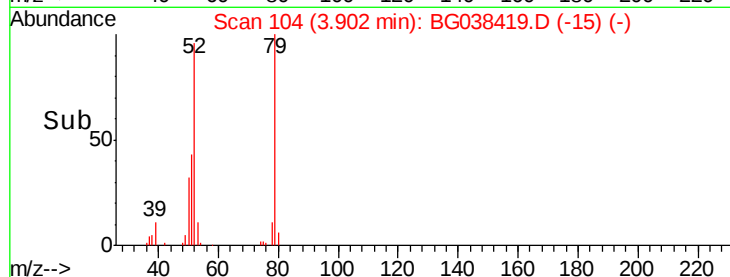
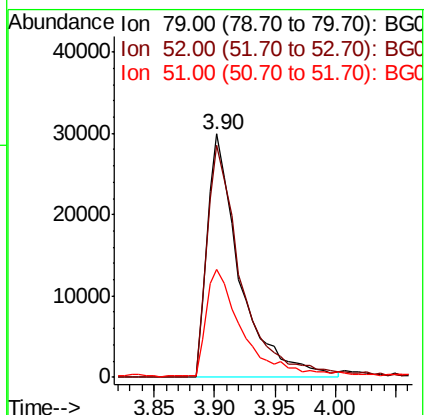
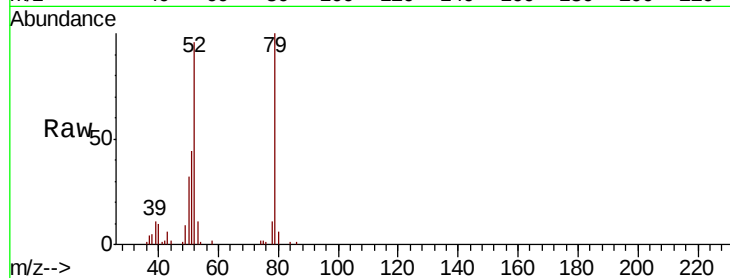
Tgt Ion: 79 Resp: 55776

Ion Ratio Lower Upper

79 100

52 95.6 74.2 111.2

51 44.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 39.387 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

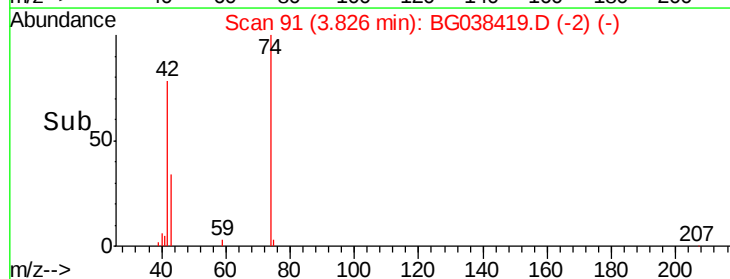
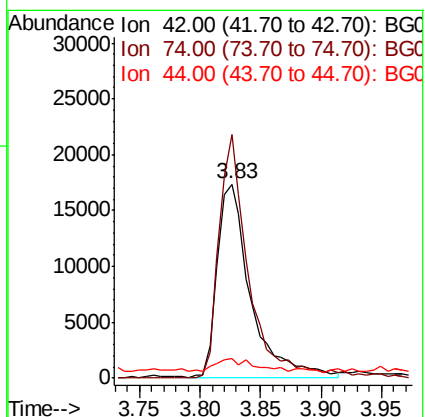
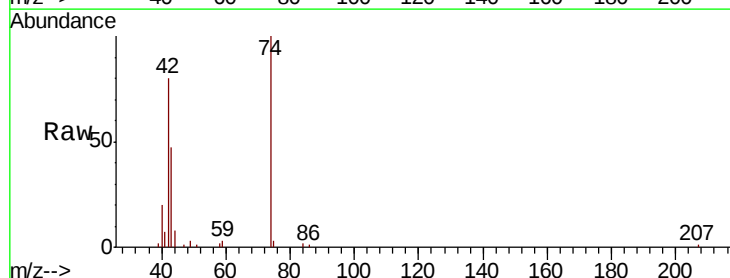
Tgt Ion: 42 Resp: 33357

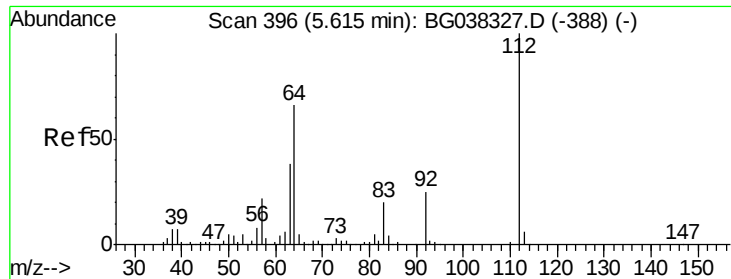
Ion Ratio Lower Upper

42 100

74 125.3 102.0 153.0

44 9.9 9.6 14.4





#5

2-Fluorophenol

Concen: 121.475 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

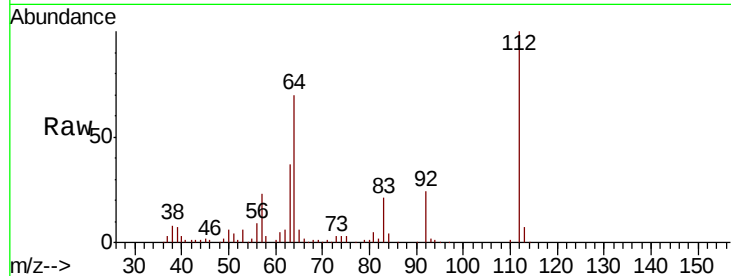
Tgt Ion: 112 Resp: 171287

Ion Ratio Lower Upper

112 100

64 70.0 53.1 79.7

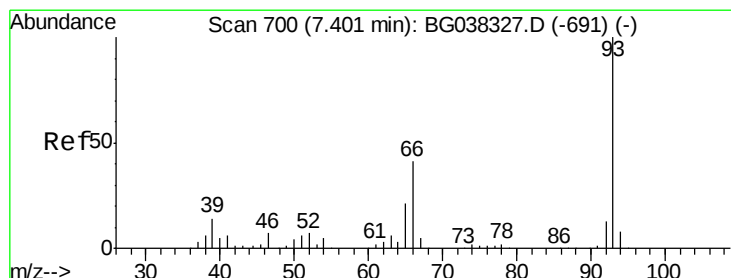
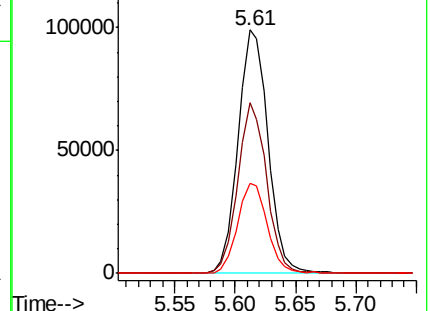
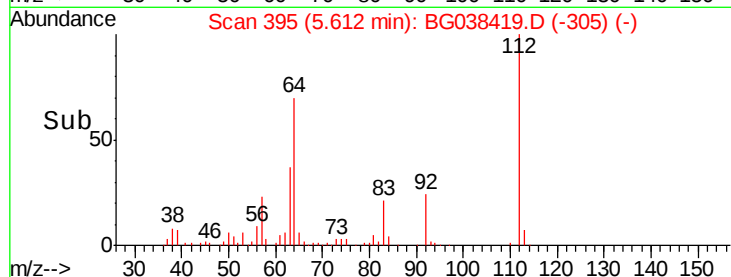
63 36.8 27.3 40.9



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: 24.072 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

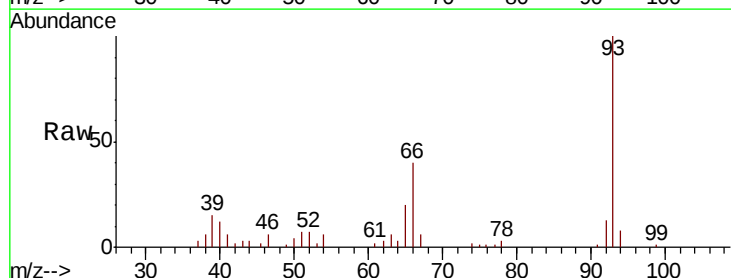
Tgt Ion: 93 Resp: 62659

Ion Ratio Lower Upper

93 100

66 39.9 32.8 49.2

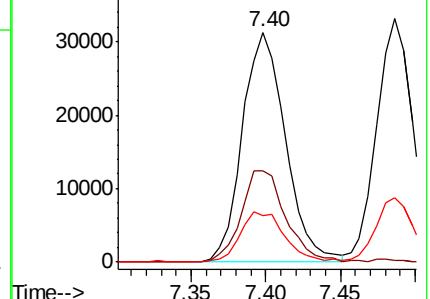
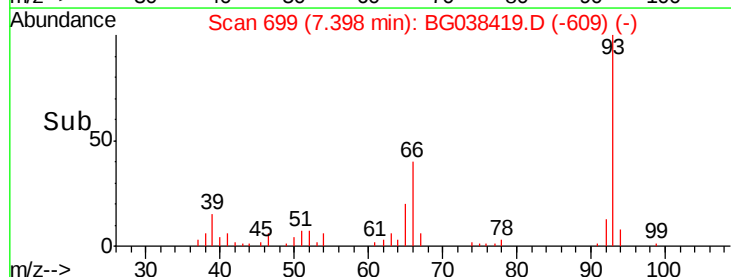
65 20.3 16.4 24.6

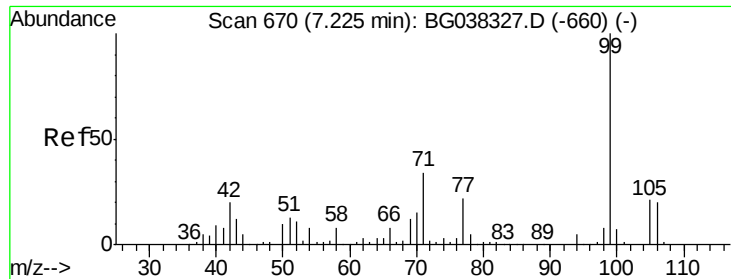


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.746 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

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ClientSampleId :

PB115249BS

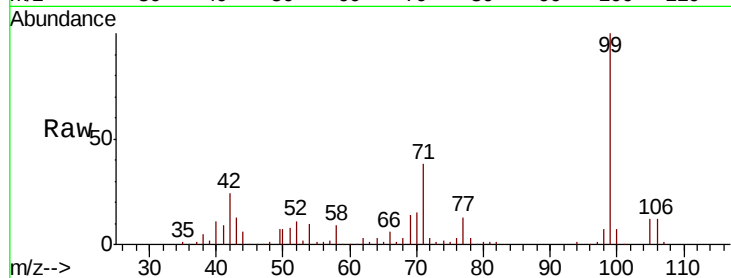
Tgt Ion: 99 Resp: 231815

Ion Ratio Lower Upper

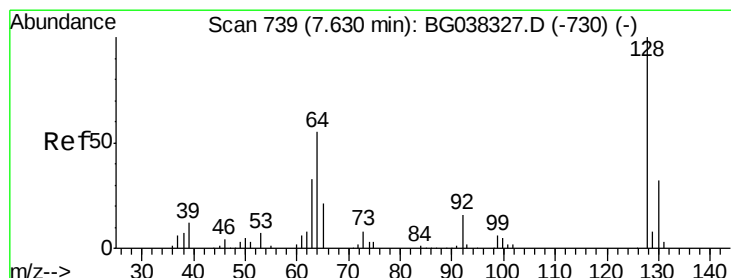
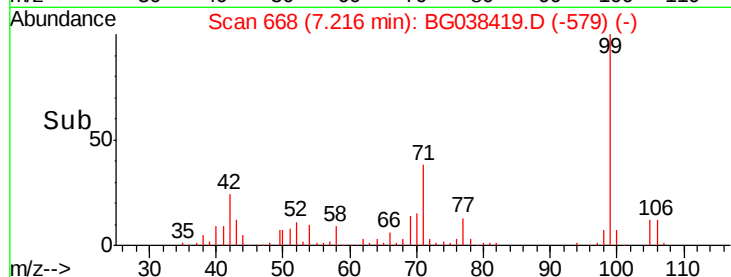
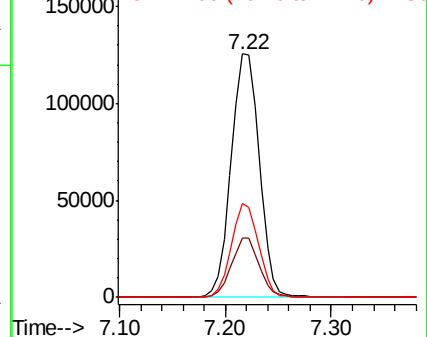
99 100

42 24.1 15.0 22.4#

71 38.4 25.5 38.3#



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



#8

2-Chlorophenol

Concen: 38.139 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

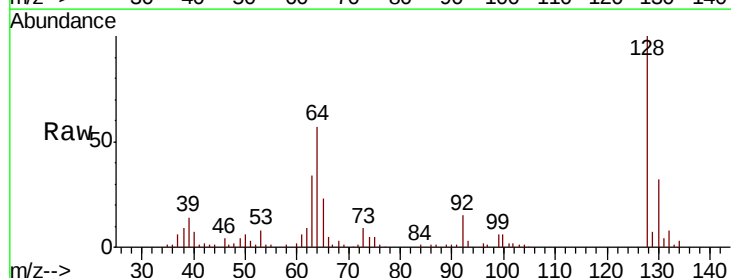
Tgt Ion: 128 Resp: 62457

Ion Ratio Lower Upper

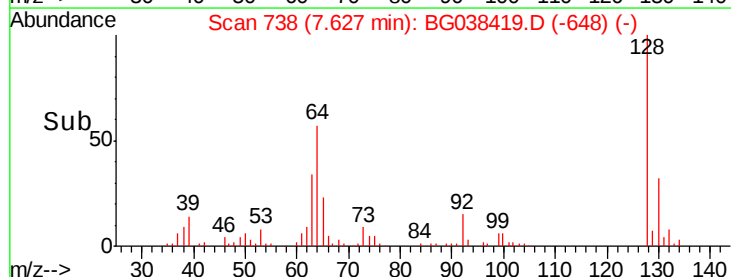
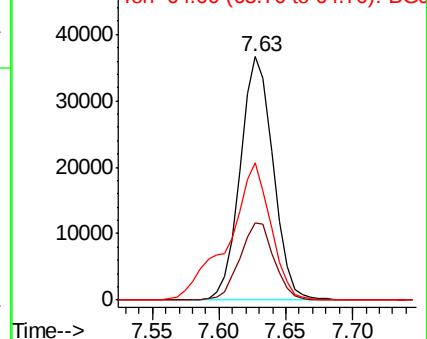
128 100

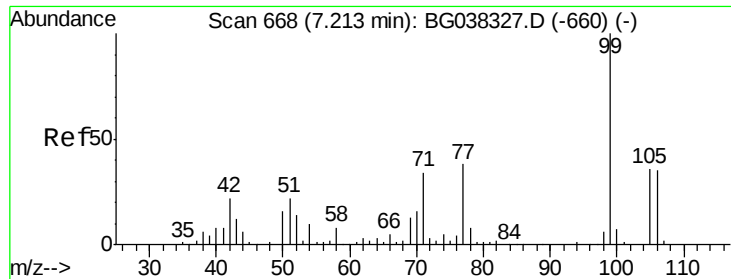
130 31.7 12.0 52.0

64 56.5 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: 26.651 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

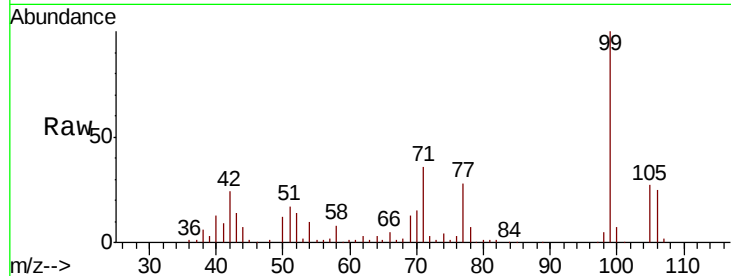
Tgt Ion: 77 Resp: 34394

Ion Ratio Lower Upper

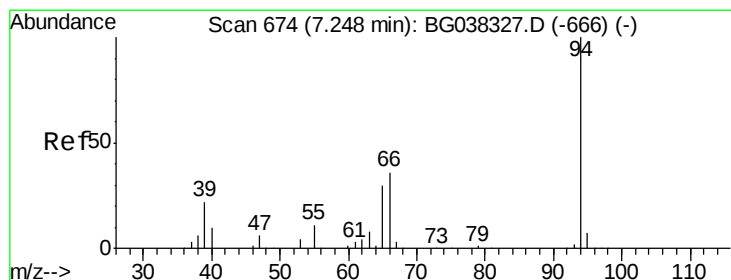
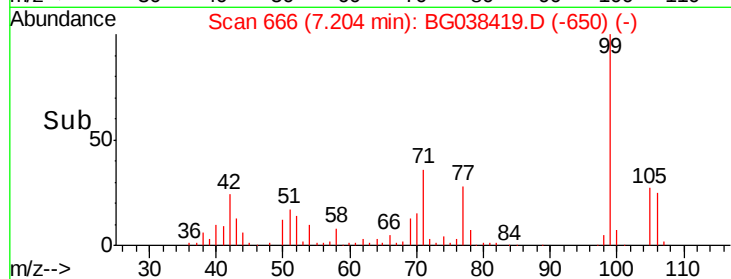
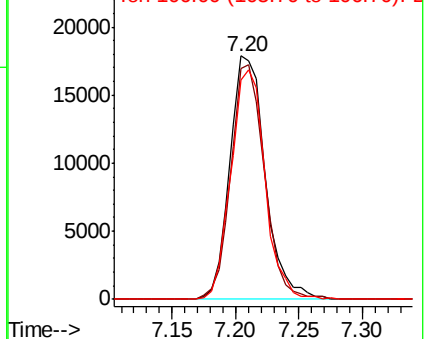
77 100

105 95.0 72.6 112.6

106 89.9 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.116 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

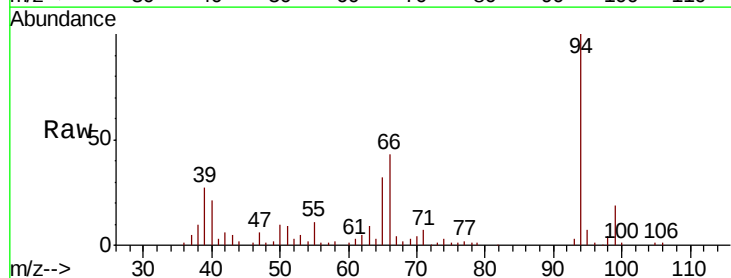
Tgt Ion: 94 Resp: 82074

Ion Ratio Lower Upper

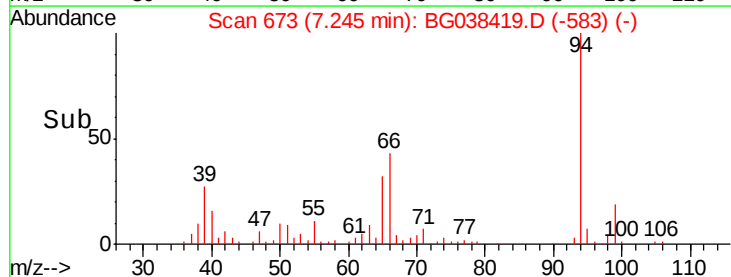
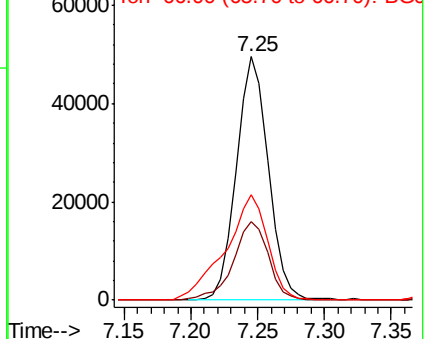
94 100

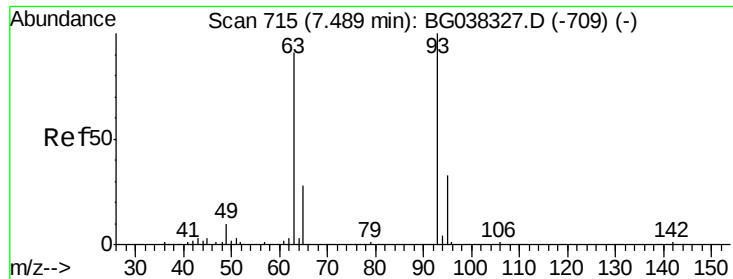
65 32.1 9.7 49.7

66 43.4 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

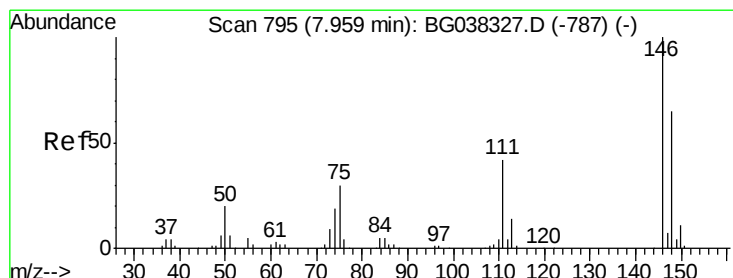
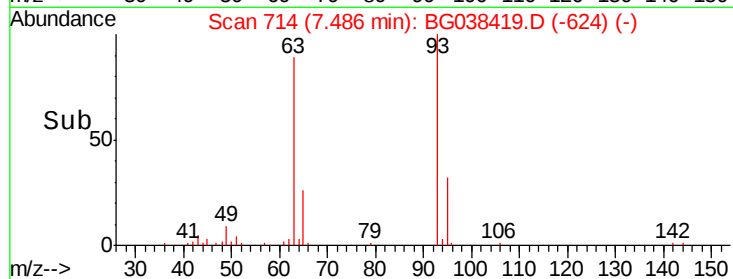
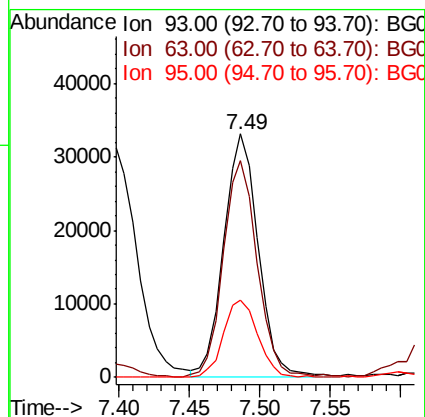
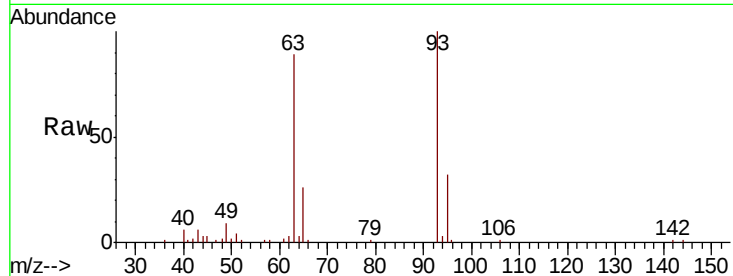




#11
 bis(2-Chloroethyl)ether
 Concen: 32.030 ng
 RT: 7.49 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

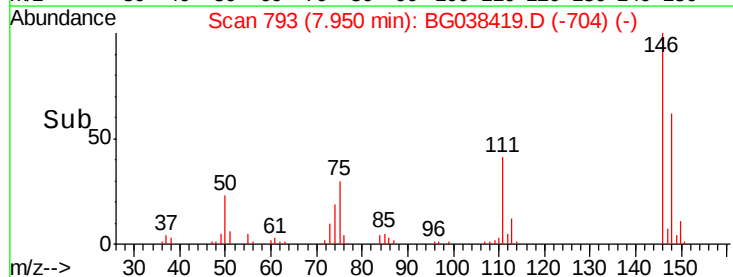
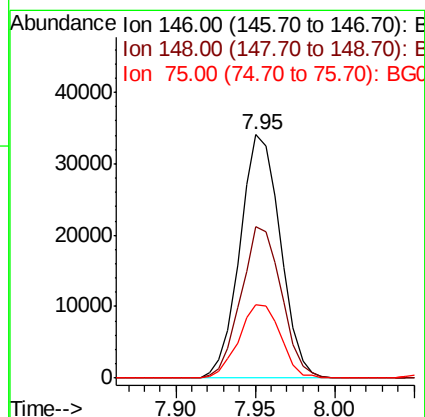
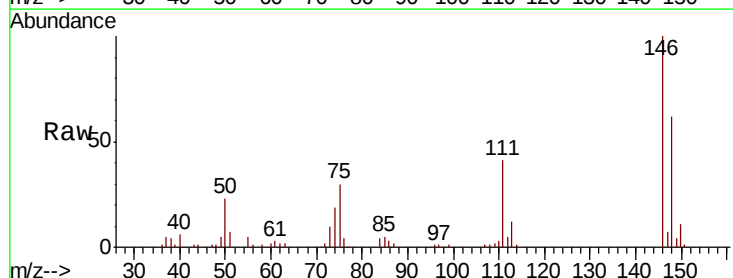
Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

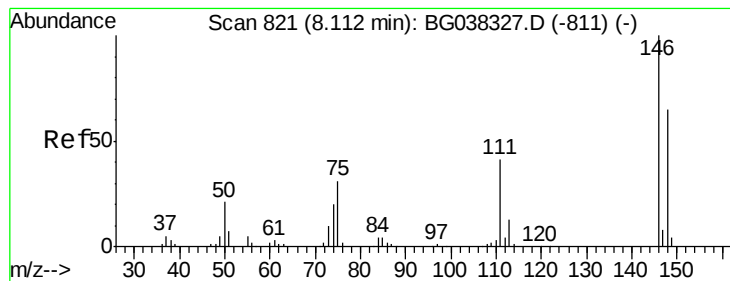
Tgt Ion: 93 Resp: 56485
 Ion Ratio Lower Upper
 93 100
 63 89.1 69.5 109.5
 95 31.7 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 31.479 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion: 146 Resp: 60251
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.8 74.8
 75 30.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 30.829 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

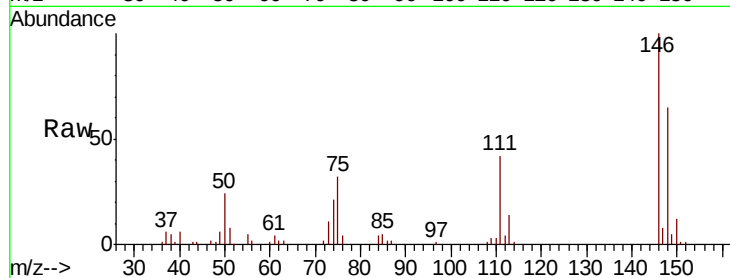
Tgt Ion:146 Resp: 61051

Ion Ratio Lower Upper

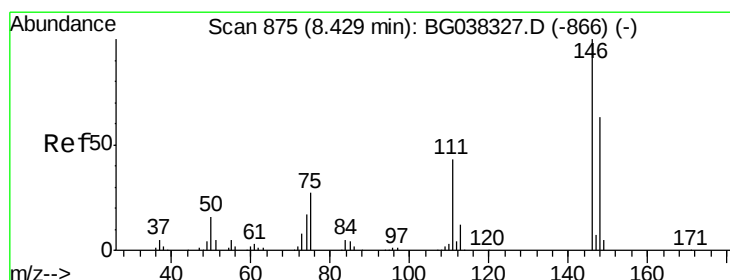
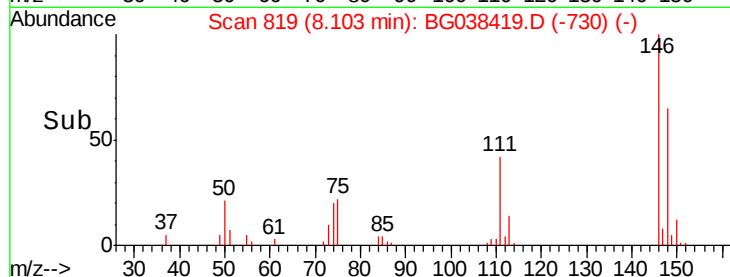
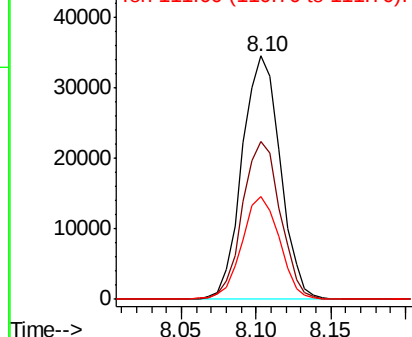
146 100

148 64.7 51.0 76.6

111 42.0 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: 30.865 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

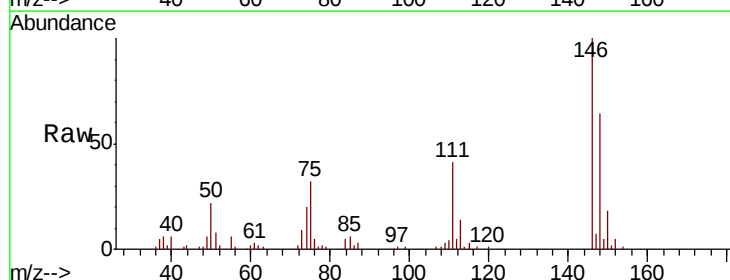
Tgt Ion:146 Resp: 59657

Ion Ratio Lower Upper

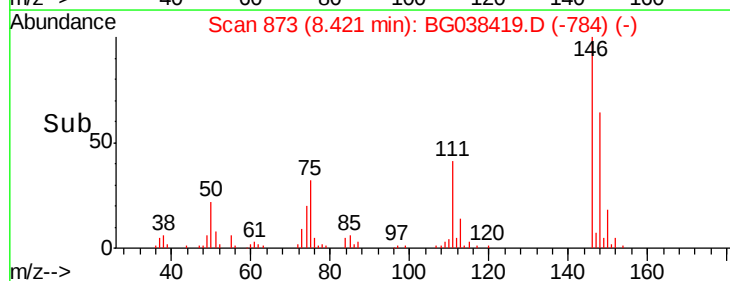
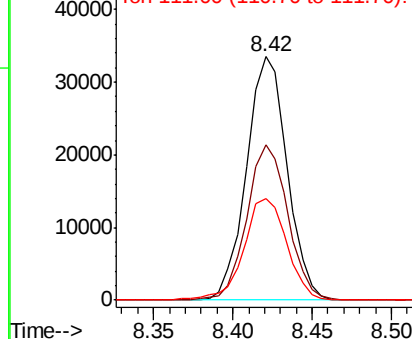
146 100

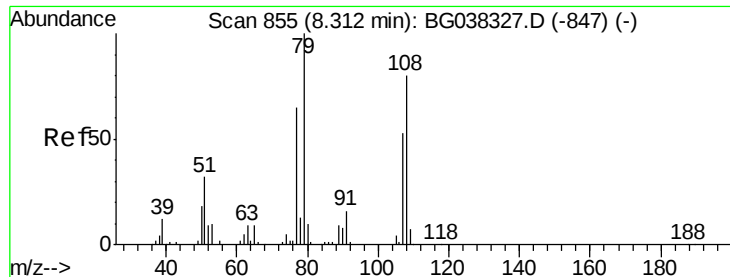
148 64.0 50.4 75.6

111 41.5 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: 27.998 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

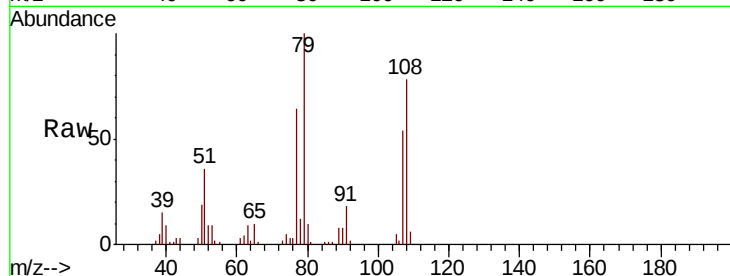
Tgt Ion: 79 Resp: 46911

Ion Ratio Lower Upper

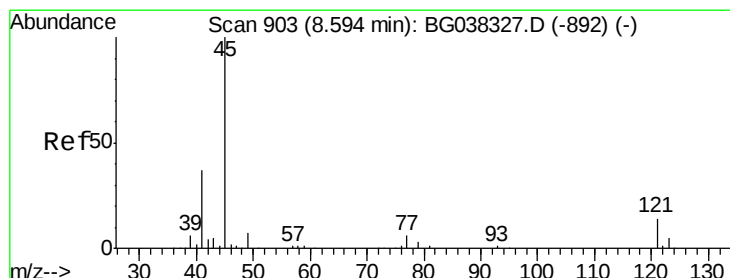
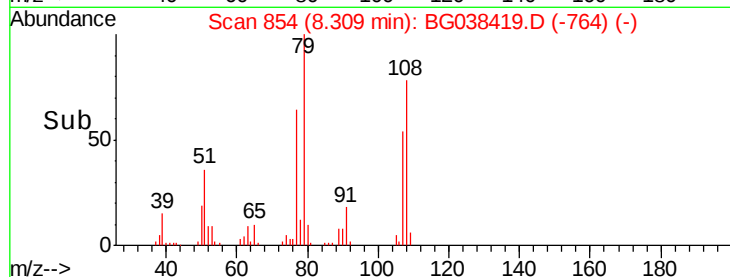
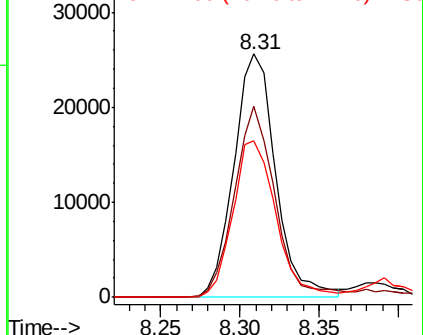
79 100

108 78.4 65.8 98.8

77 64.2 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.366 ng

RT: 8.59 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

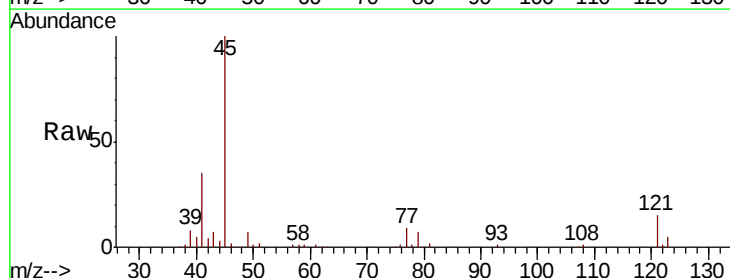
Tgt Ion: 45 Resp: 129828

Ion Ratio Lower Upper

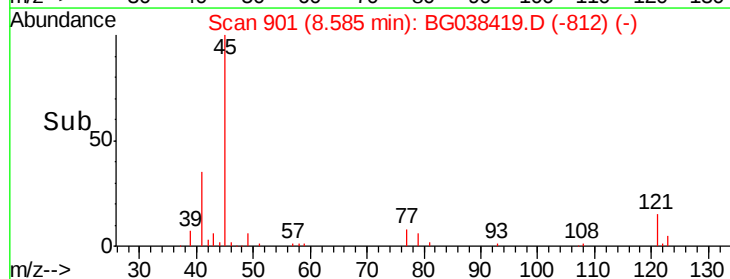
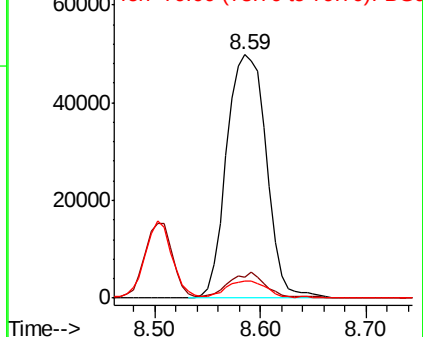
45 100

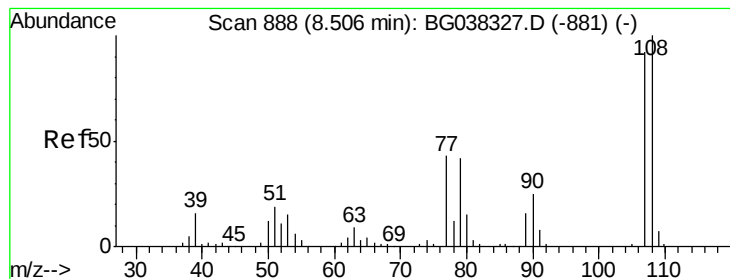
77 8.8 0.0 30.0

79 6.8 0.0 29.0



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





#17

2-Methylphenol

Concen: 37.732 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

Tgt Ion:107 Resp: 57390

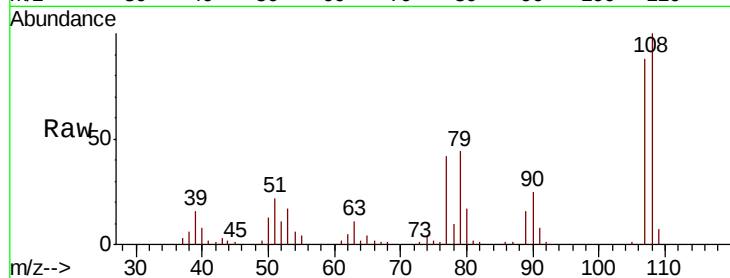
Ion Ratio Lower Upper

107 100

108 113.1 87.9 131.9

77 47.7 35.1 52.7

79 49.5 34.5 51.7

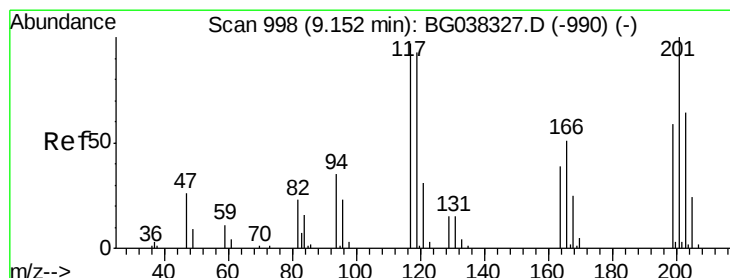
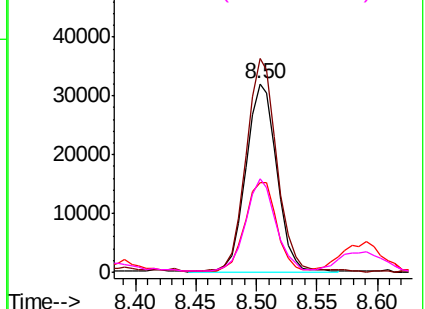
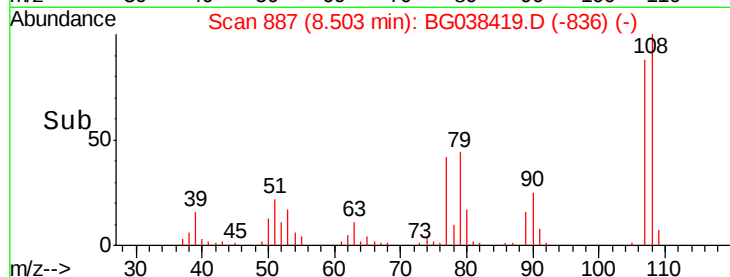


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.561 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

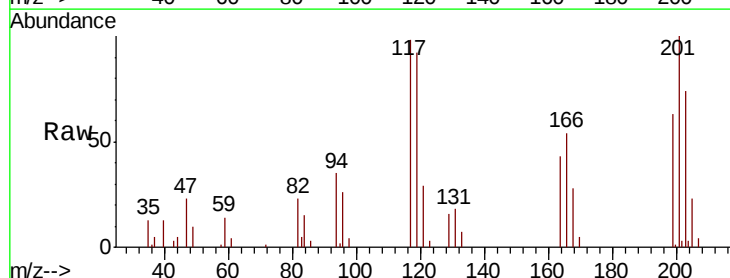
Tgt Ion:117 Resp: 23273

Ion Ratio Lower Upper

117 100

119 94.1 74.6 111.8

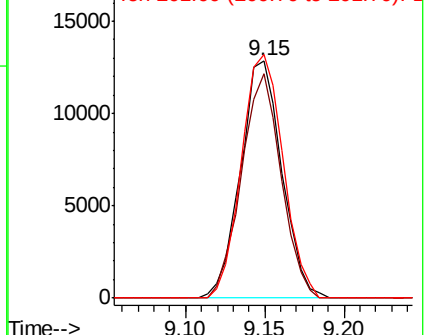
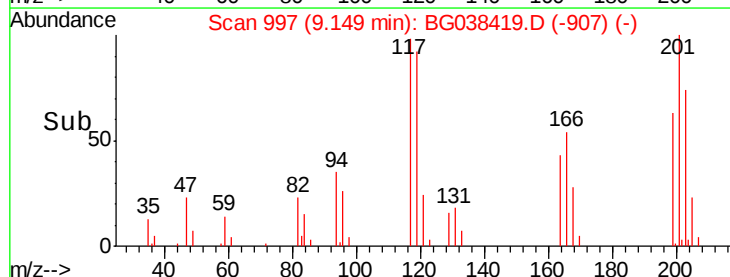
201 105.6 80.8 121.2

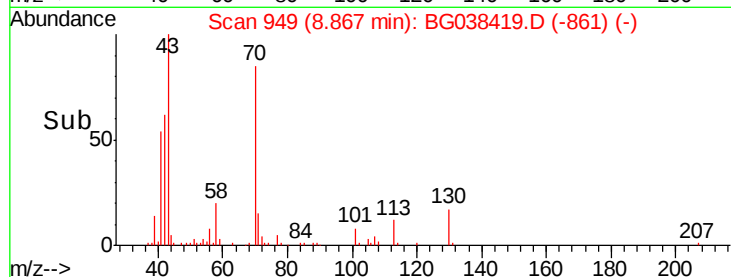
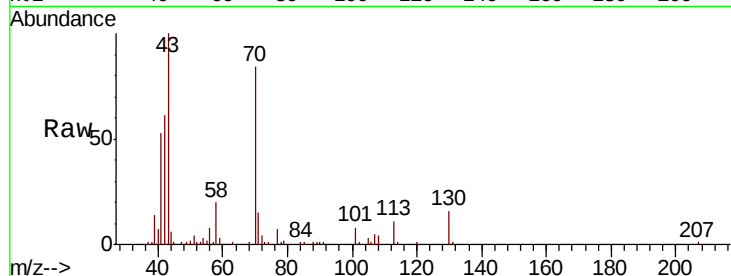
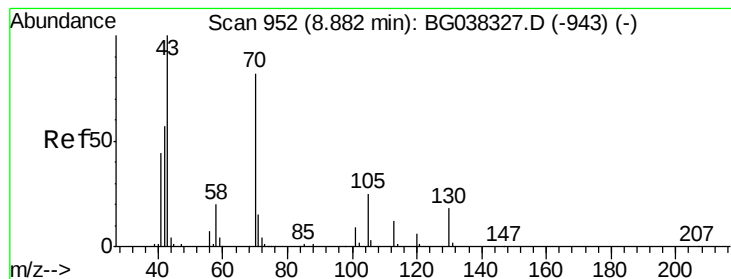


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.916 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

Tgt Ion: 70 Resp: 48173

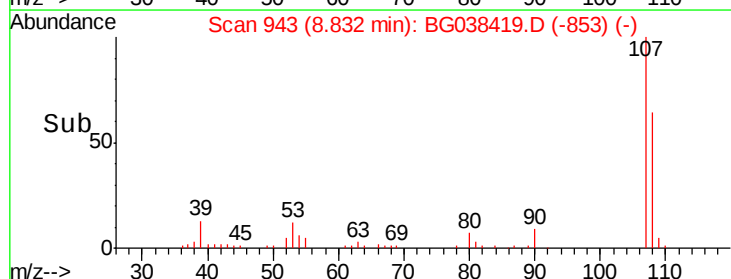
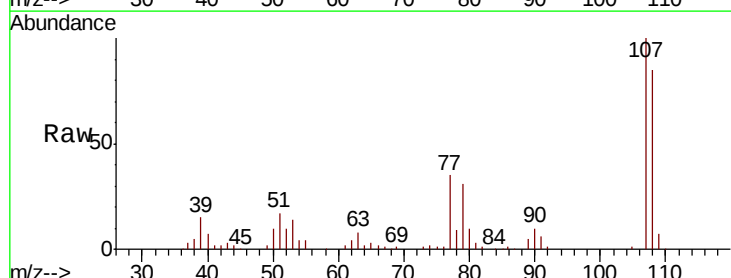
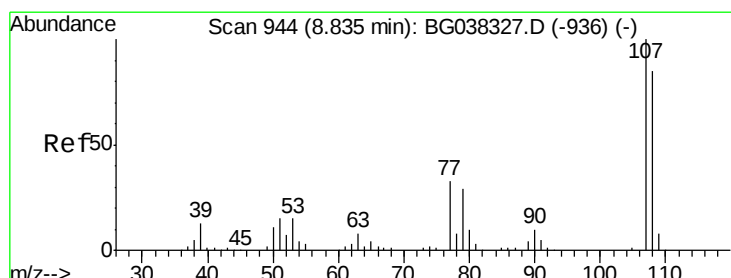
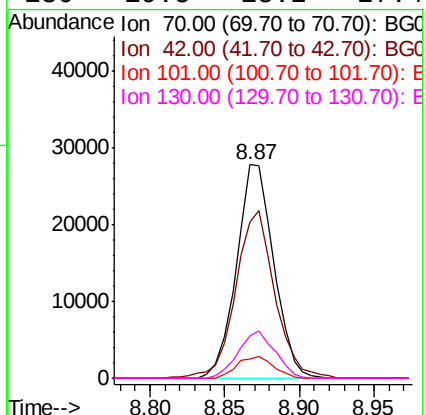
Ion Ratio Lower Upper

70 100

42 72.9 53.9 80.9

101 9.2 8.2 12.2

130 19.5 18.2 27.4



#20

3+4-Methylphenols

Concen: 36.593 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Tgt Ion: 107 Resp: 79381

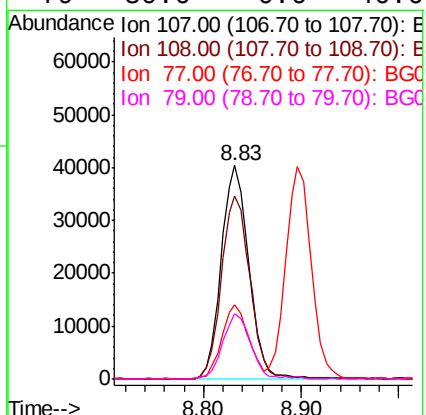
Ion Ratio Lower Upper

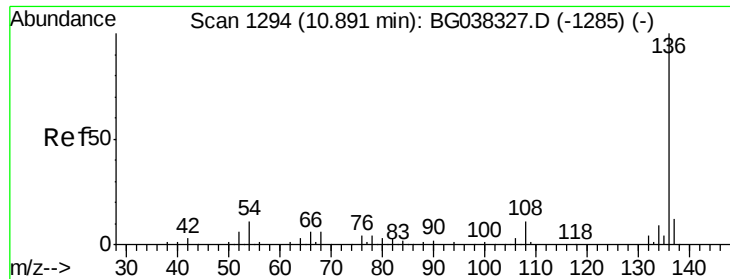
107 100

108 85.4 69.9 109.9

77 34.6 11.2 51.2

79 30.6 6.6 46.6

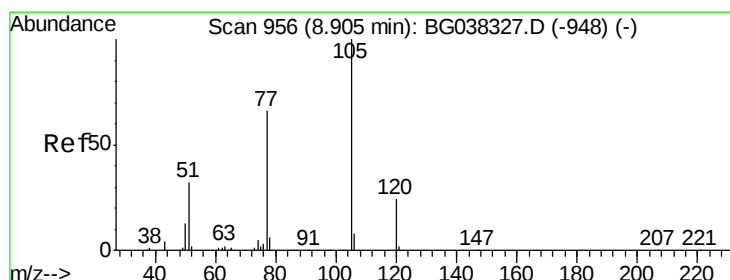
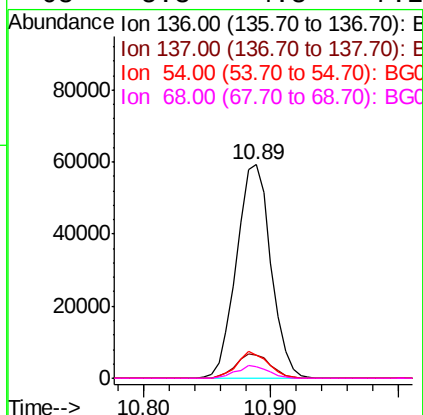
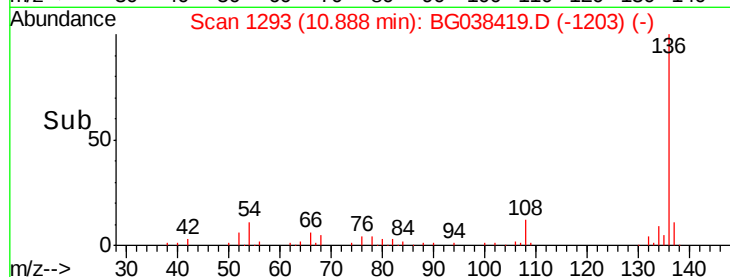
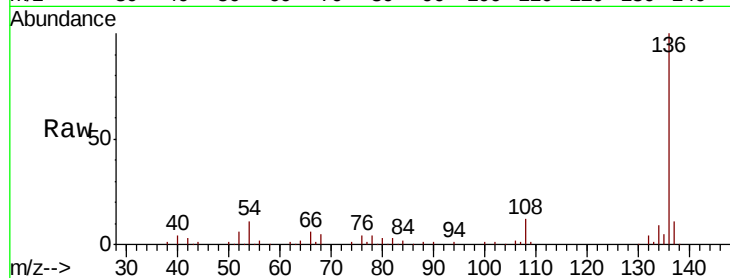




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

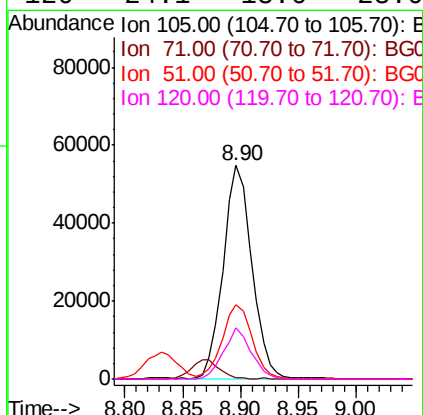
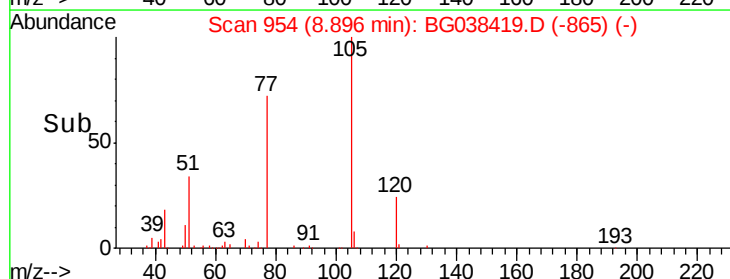
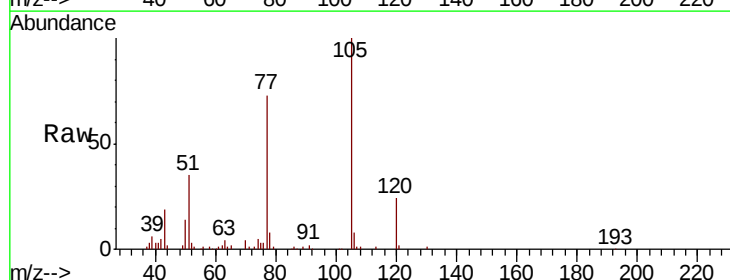
Instrument :
BNA_G
ClientSampleId :
PB115249BS

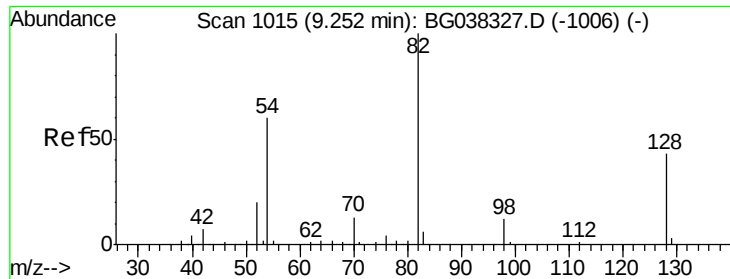
Tgt Ion:	136	Resp:	111711
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.7	7.9	11.9
68	5.3	4.8	7.2



#22
Acetophenone
Concen: 34.802 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion:	105	Resp:	94755
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	34.8	25.0	37.6
120	24.1	18.6	28.0

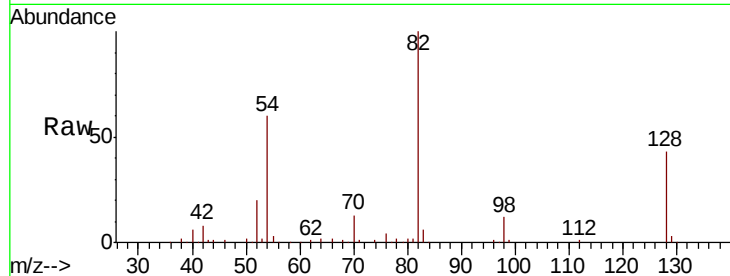




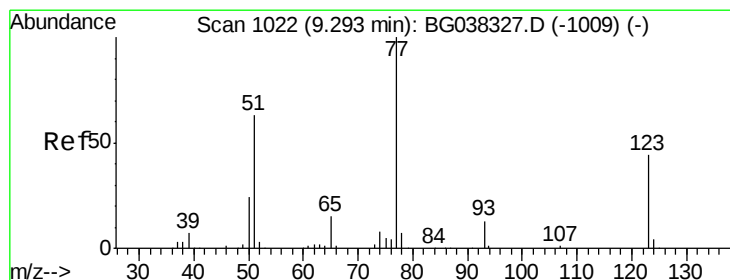
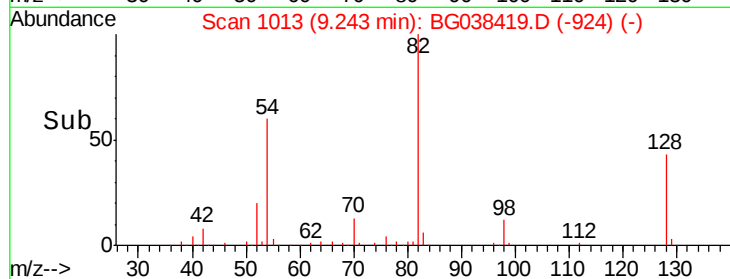
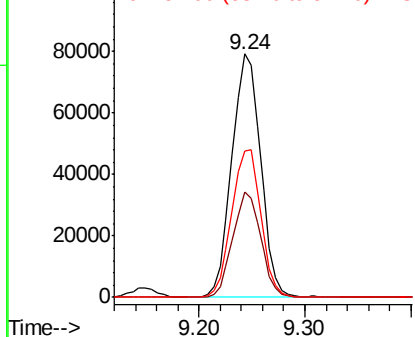
#23
 Nitrobenzene-d5
 Concen: 66.415 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tgt Ion: 82 Resp: 149439
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.6 51.8
 54 60.3 45.3 67.9

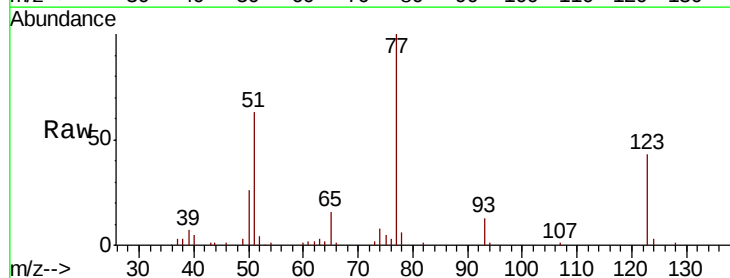


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

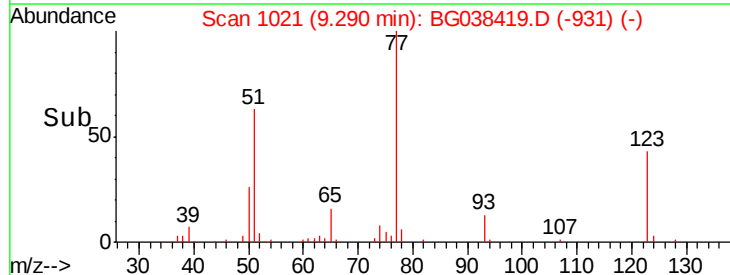
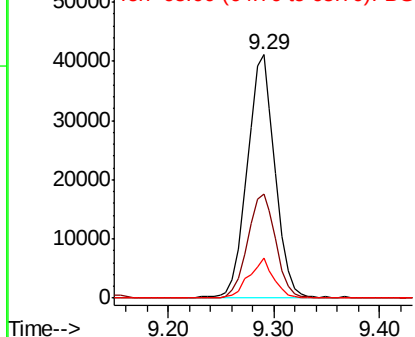


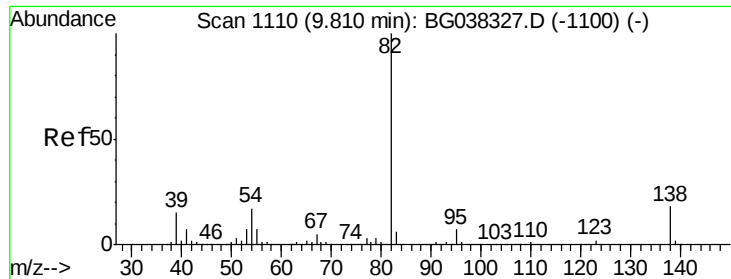
#24
 Nitrobenzene
 Concen: 32.799 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion: 77 Resp: 74980
 Ion Ratio Lower Upper
 77 100
 123 42.9 33.6 50.4
 65 16.3 11.3 16.9



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





#25

Isophorone

Concen: 35.459 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

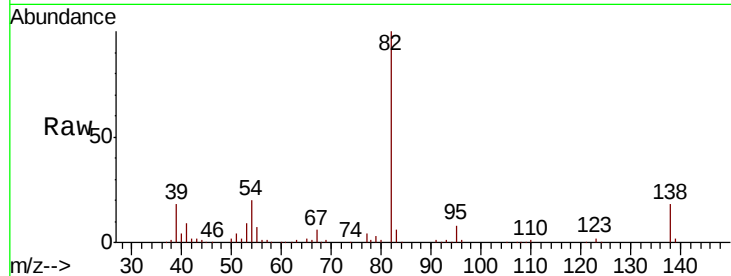
Tgt Ion: 82 Resp: 140212

Ion Ratio Lower Upper

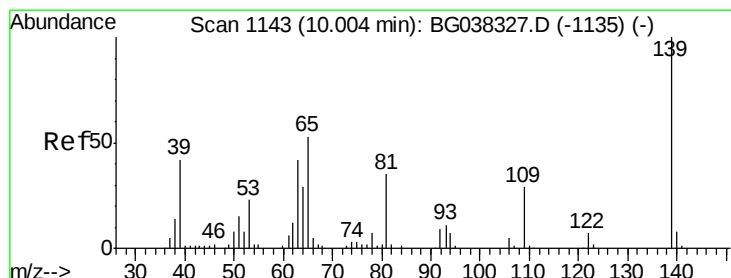
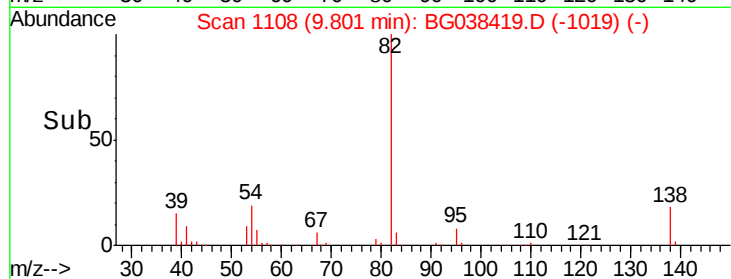
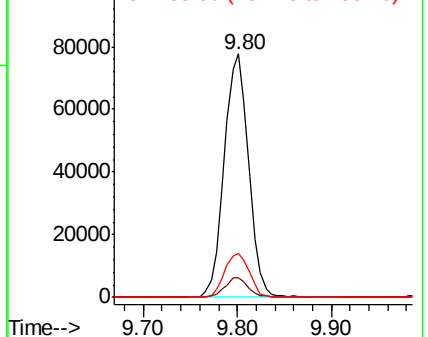
82 100

95 8.0 5.3 7.9#

138 18.0 13.3 19.9



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



#26

2-Nitrophenol

Concen: 33.734 ng

RT: 10.00 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

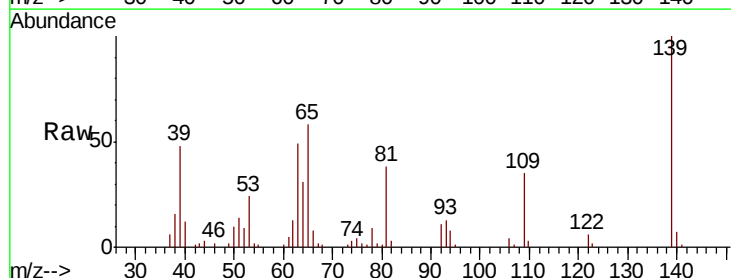
Tgt Ion: 139 Resp: 35732

Ion Ratio Lower Upper

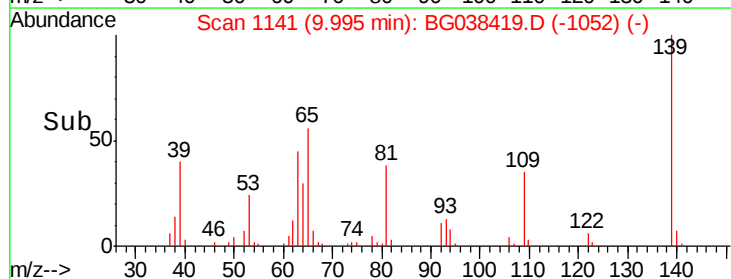
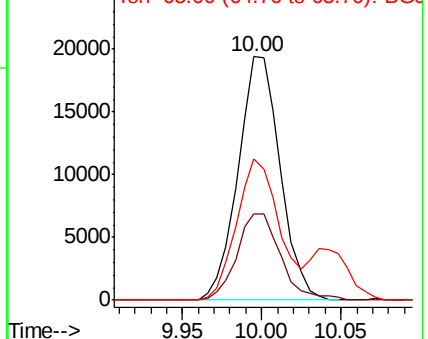
139 100

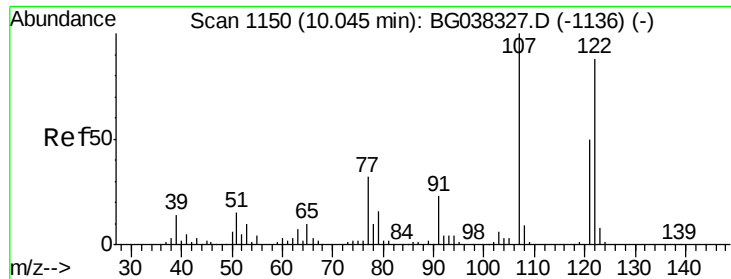
109 35.2 23.3 34.9#

65 58.2 39.8 59.8



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

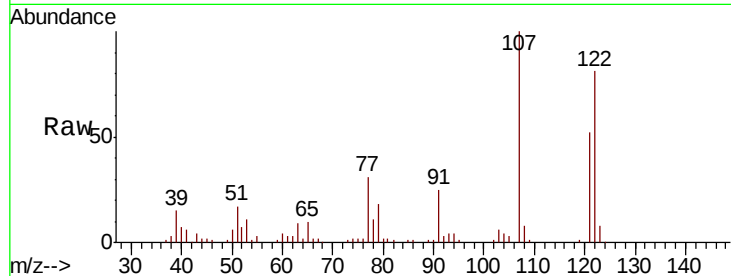




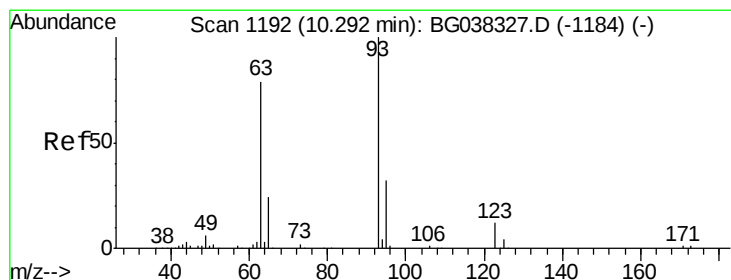
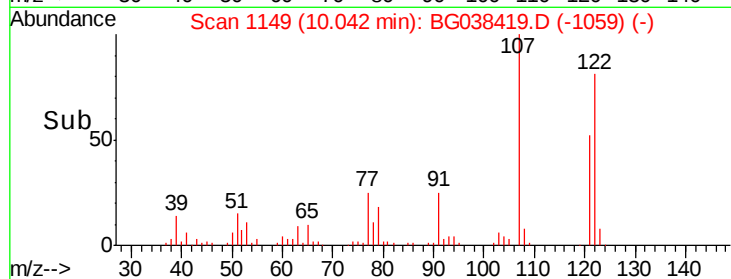
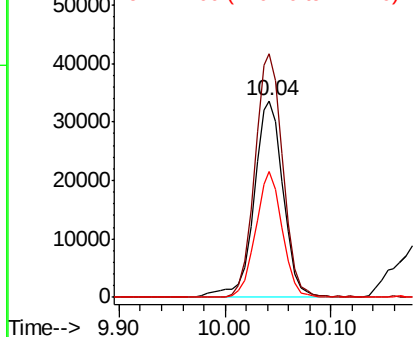
#27
2,4-Dimethylphenol
Concen: 42.303 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tgt Ion: 122 Resp: 64359
Ion Ratio Lower Upper
122 100
107 123.9 94.2 141.2
121 64.1 47.3 70.9

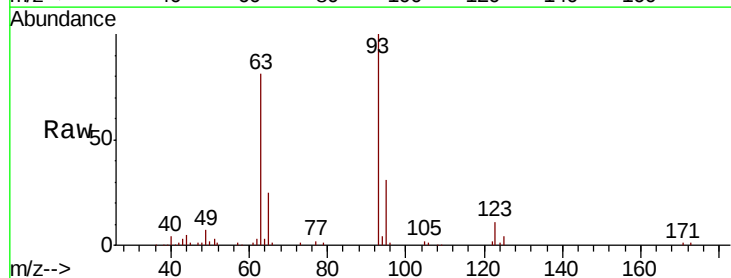


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

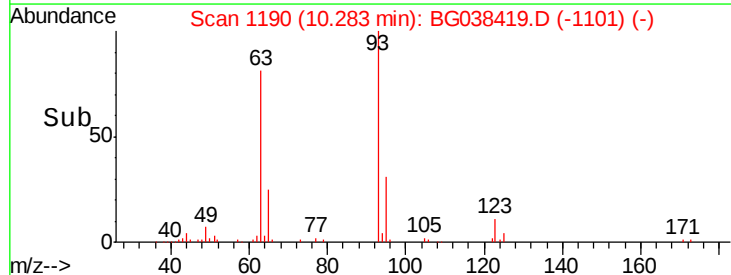
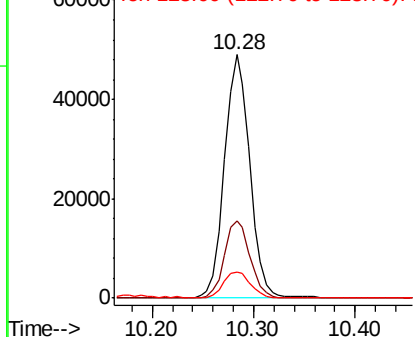


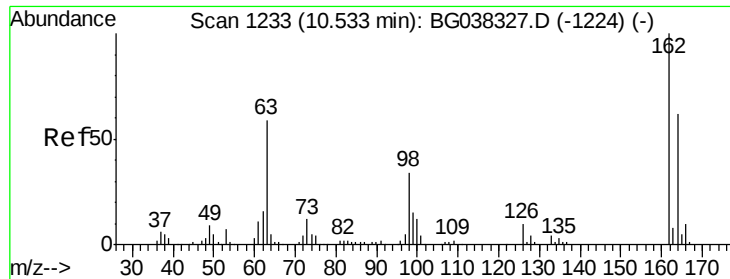
#28
bis(2-Chloroethoxy)methane
Concen: 37.336 ng
RT: 10.28 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion: 93 Resp: 84635
Ion Ratio Lower Upper
93 100
95 31.5 24.6 37.0
123 10.7 9.1 13.7



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

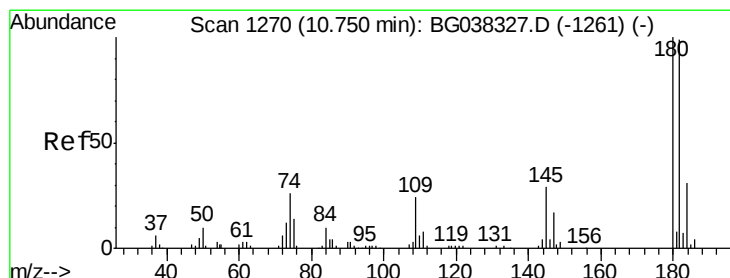
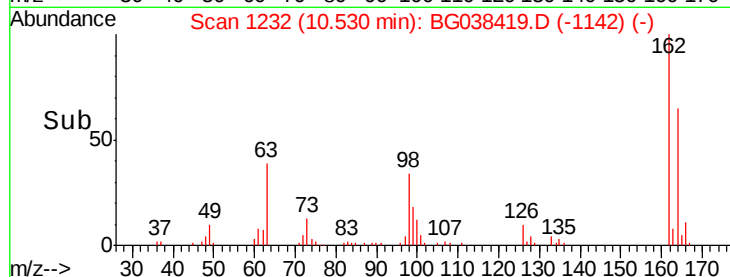
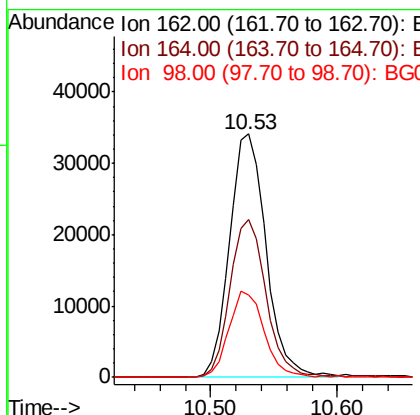
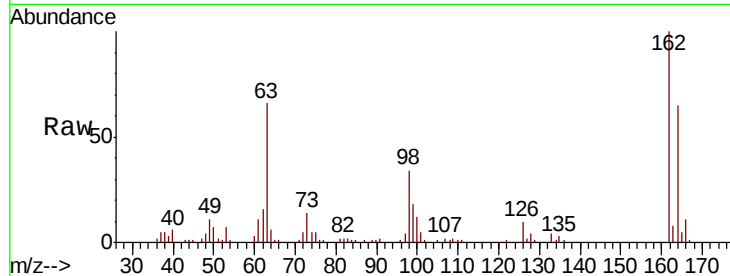




#29
 2,4-Dichlorophenol
 Concen: 39.197 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

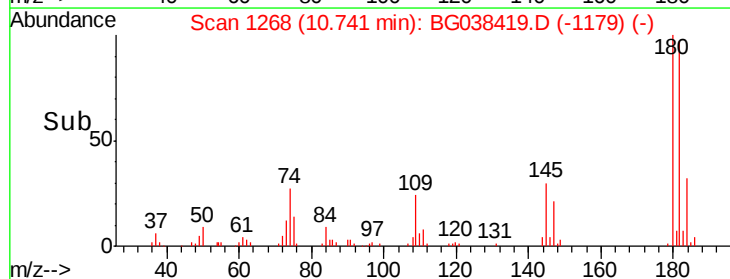
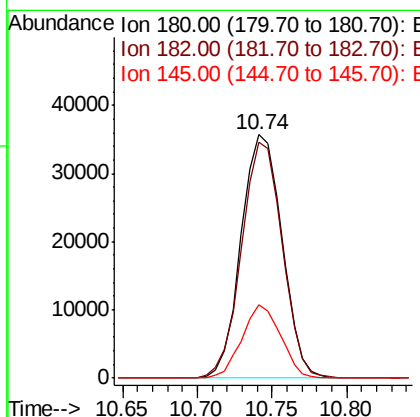
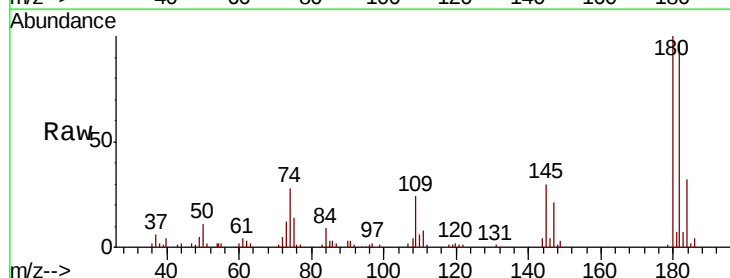
Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

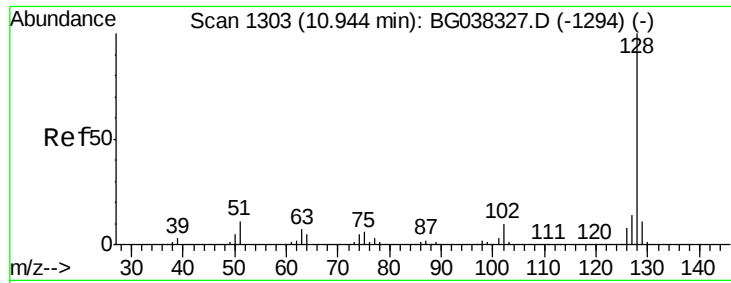
Tgt Ion:162 Resp: 68073
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.2 83.2
 98 33.7 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 33.211 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion:180 Resp: 67706
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.7 116.5
 145 30.3 23.3 34.9

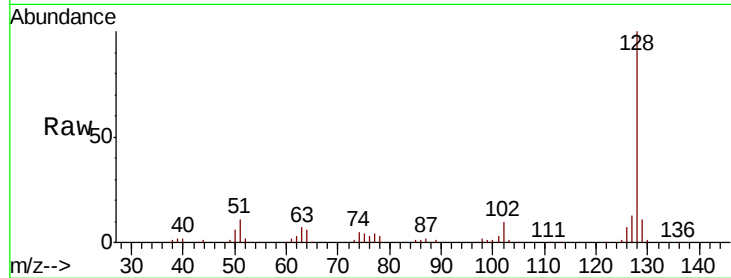




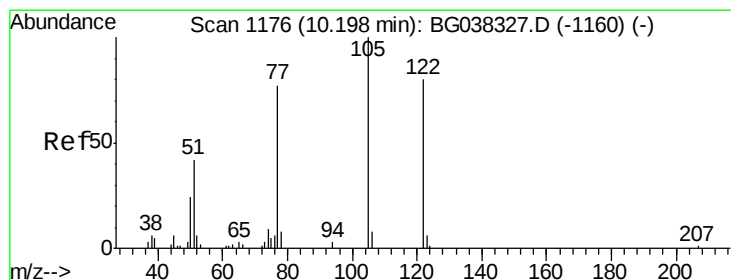
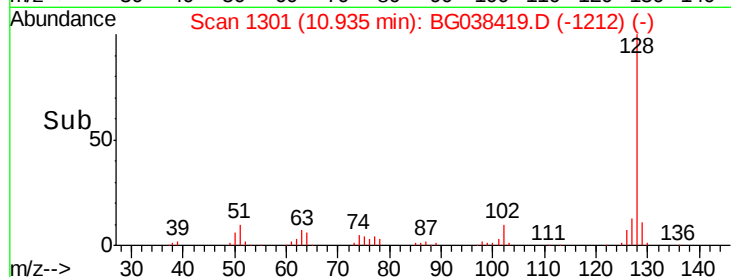
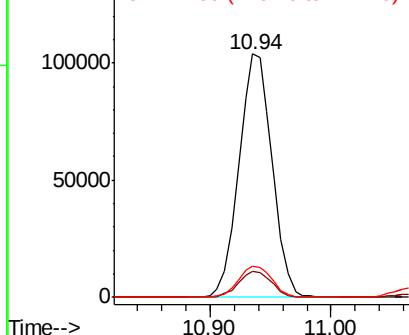
#31
Naphthalene
Concen: 37.026 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tgt Ion:128 Resp: 197578
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.8 11.1 16.7

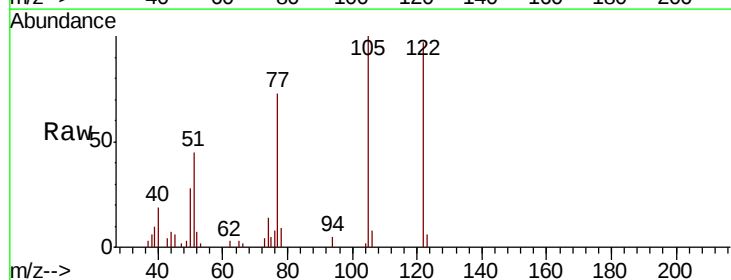


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

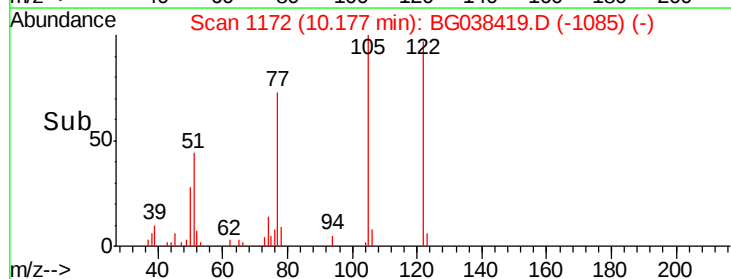
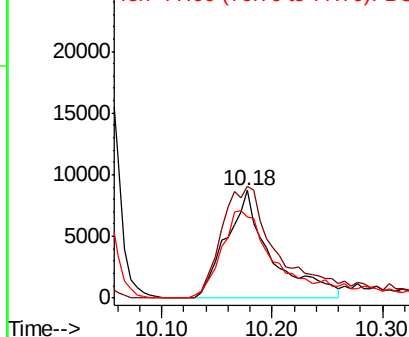


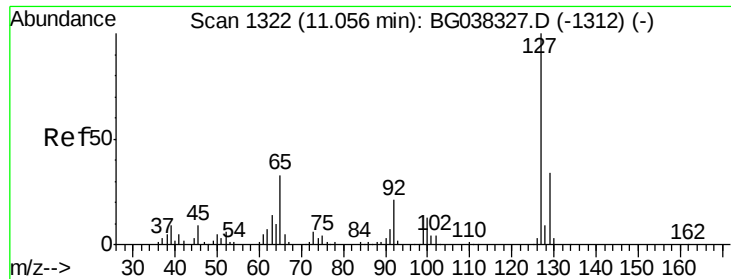
#32
Benzoic acid
Concen: 25.270 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion:122 Resp: 24593
Ion Ratio Lower Upper
122 100
105 103.5 106.7 146.7#
77 75.6 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

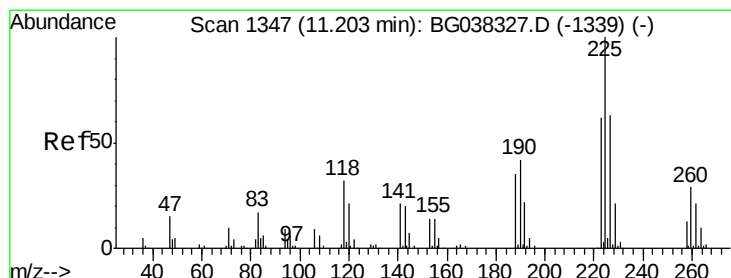
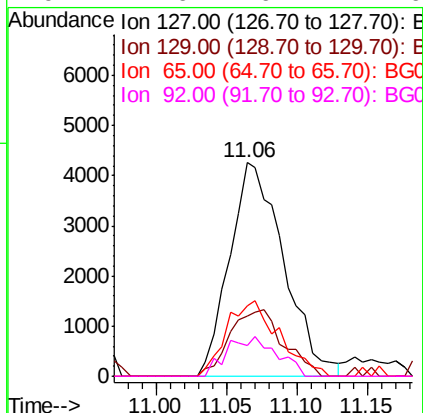
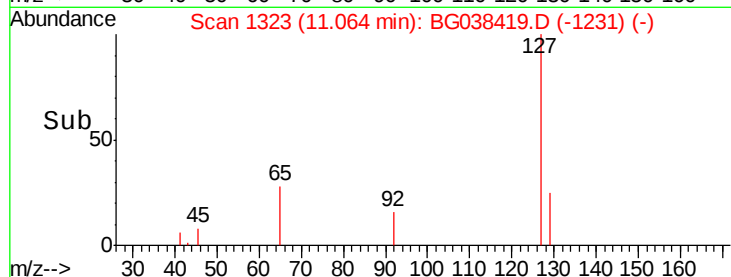
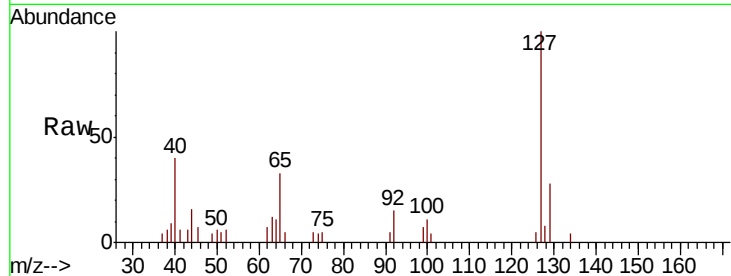




#33
4-Chloroaniline
Concen: 4.831 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

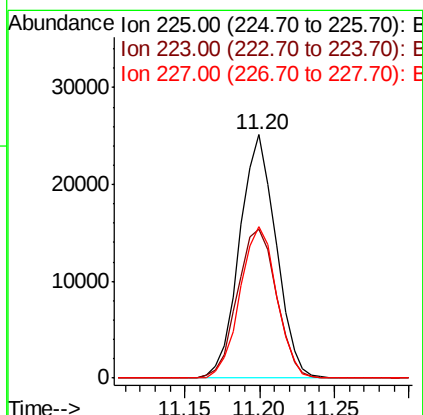
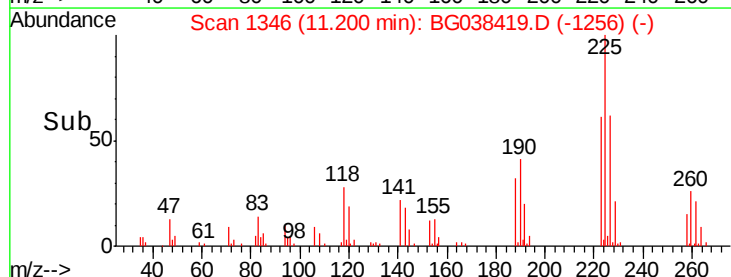
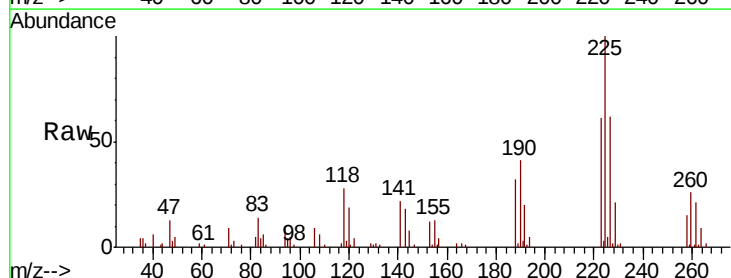
Instrument :
BNA_G
ClientSampleId :
PB115249BS

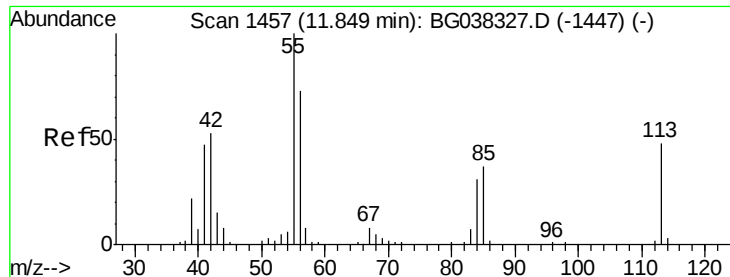
Tgt Ion:127 Resp: 11413
Ion Ratio Lower Upper
127 100
129 28.2 27.1 40.7
65 33.3 26.6 39.8
92 14.6 16.4 24.6#



#34
Hexachlorobutadiene
Concen: 33.321 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion:225 Resp: 42498
Ion Ratio Lower Upper
225 100
223 61.4 48.2 72.4
227 61.2 51.6 77.4





#35

Caprolactam

Concen: 27.261 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

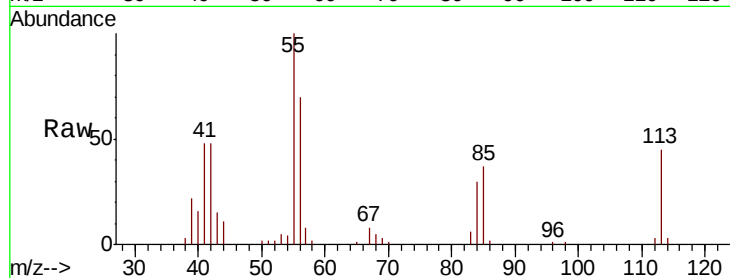
Tgt Ion:113 Resp: 19578

Ion Ratio Lower Upper

113 100

55 220.5 176.6 216.6#

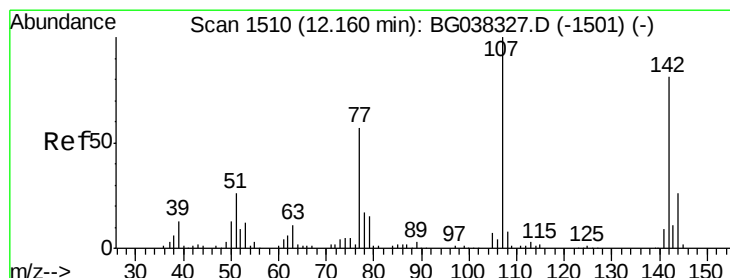
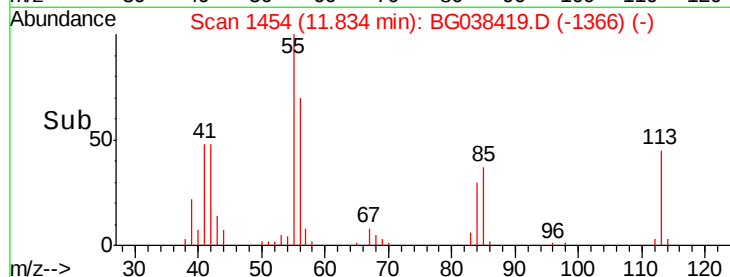
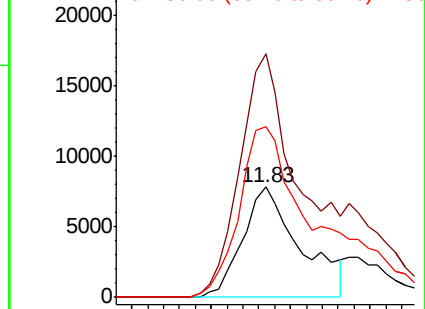
56 155.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.831 ng

RT: 12.16 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

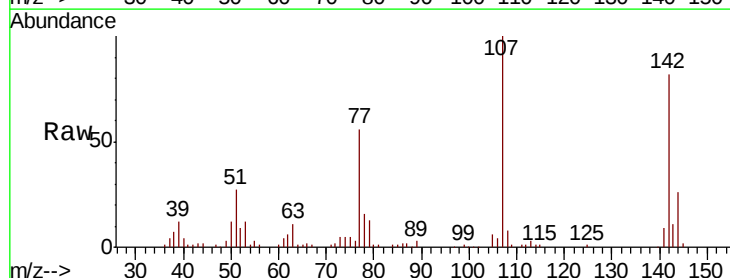
Tgt Ion:107 Resp: 76857

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

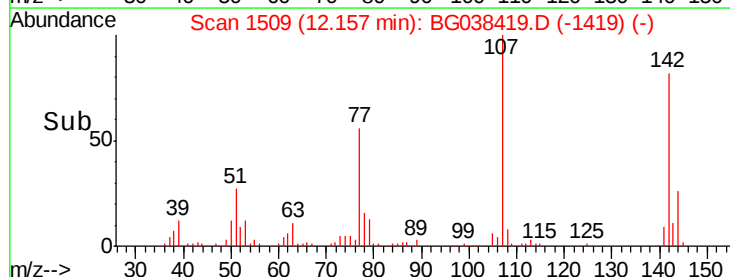
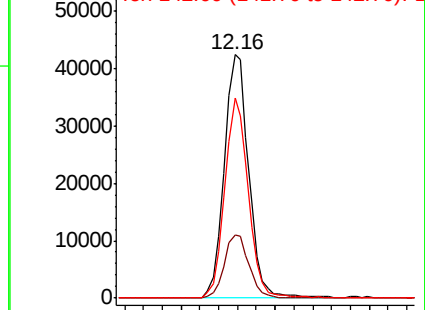
142 82.2 64.4 96.6

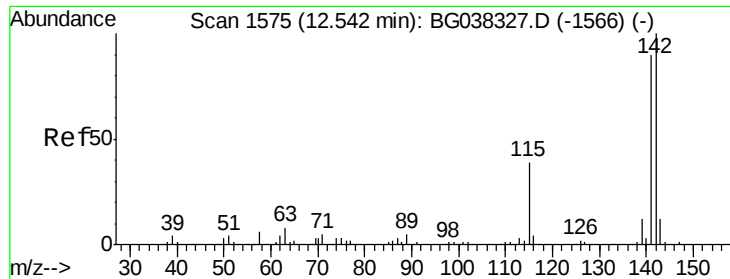


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

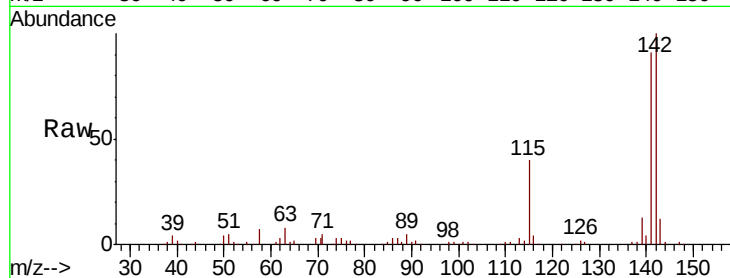




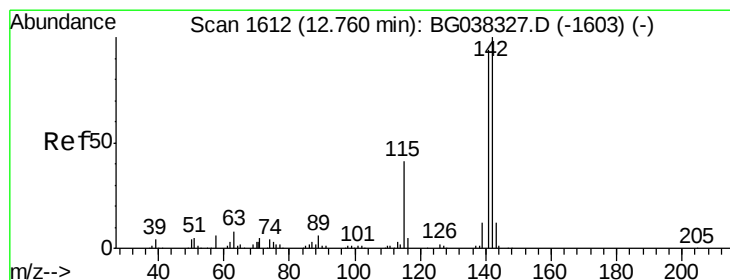
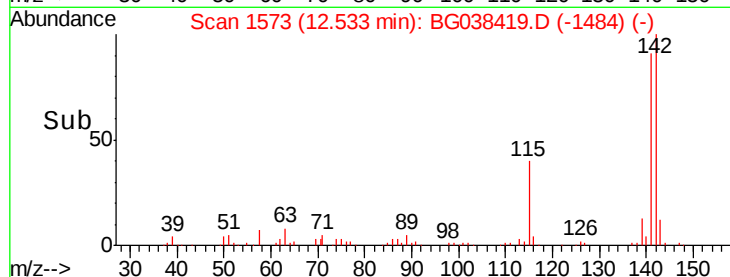
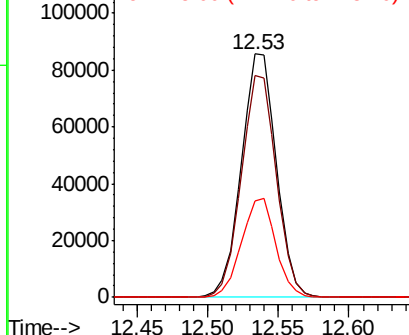
#37
 2-Methylnaphthalene
 Concen: 39.259 ng
 RT: 12.53 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tgt Ion:142 Resp: 149190
 Ion Ratio Lower Upper
 142 100
 141 91.1 71.9 107.9
 115 39.5 27.8 41.8

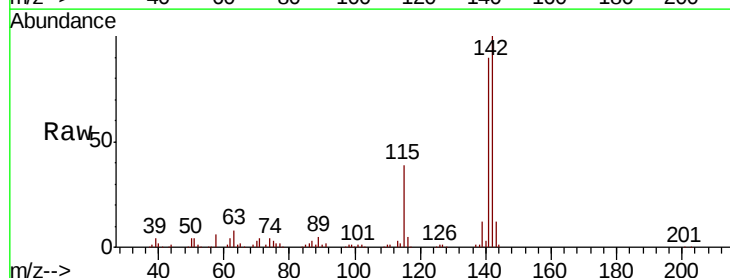


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

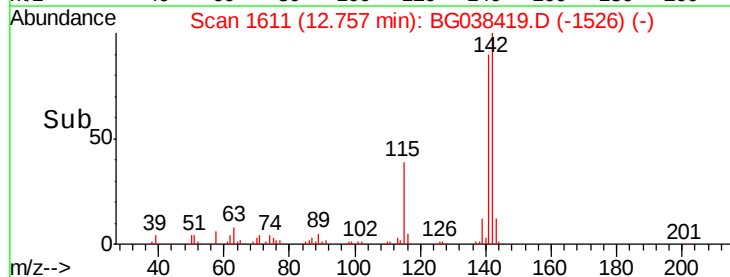
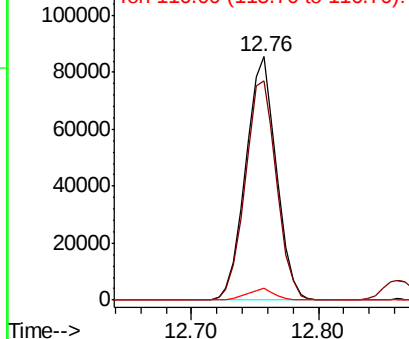


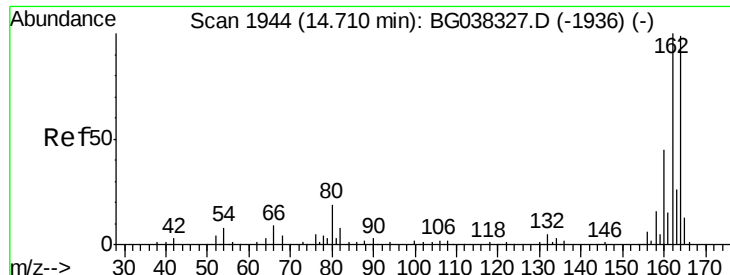
#38
 1-Methylnaphthalene
 Concen: 39.399 ng
 RT: 12.76 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion:142 Resp: 143399
 Ion Ratio Lower Upper
 142 100
 141 90.2 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: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

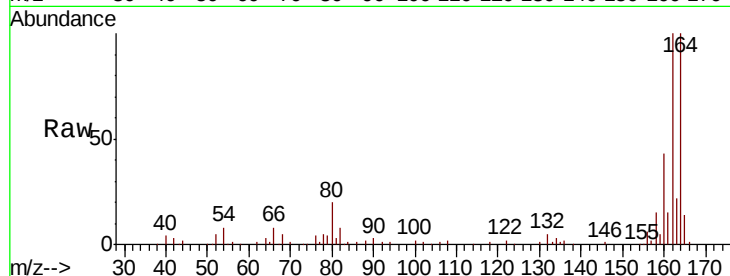
Tgt Ion:164 Resp: 79568

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

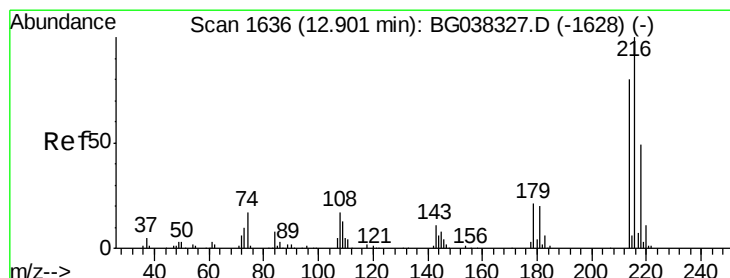
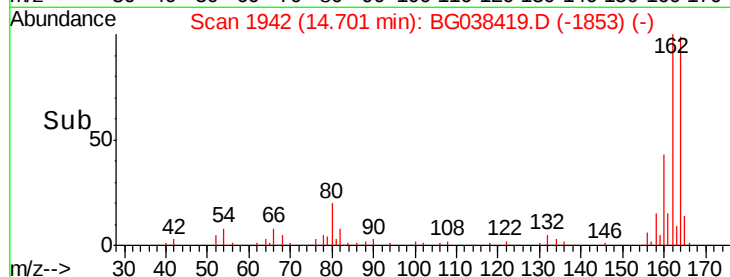
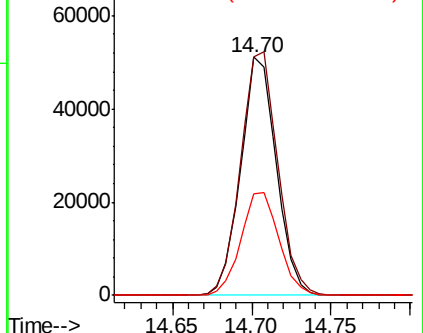
160 42.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.635 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Tgt Ion:216 Resp: 83876

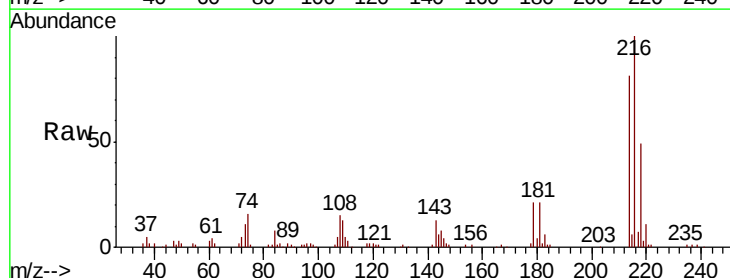
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 21.2 17.4 26.0

108 20.0 13.9 20.9

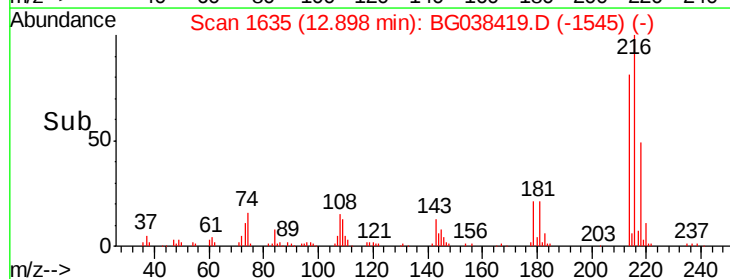
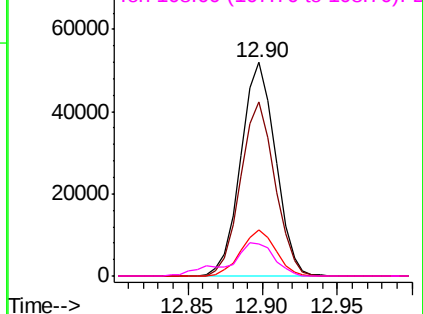


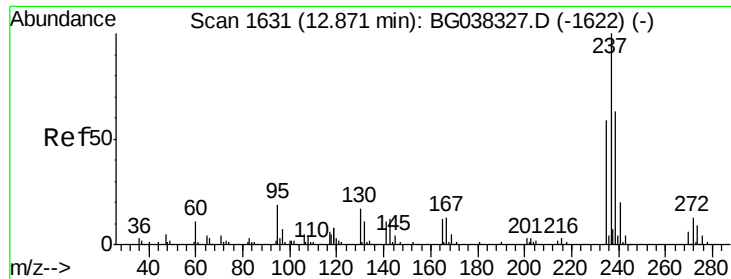
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.198 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

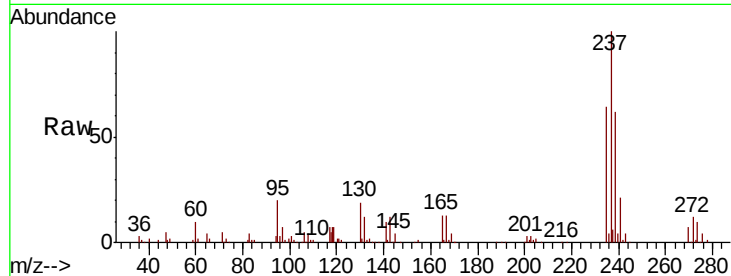
Tgt Ion: 237 Resp: 105620

Ion Ratio Lower Upper

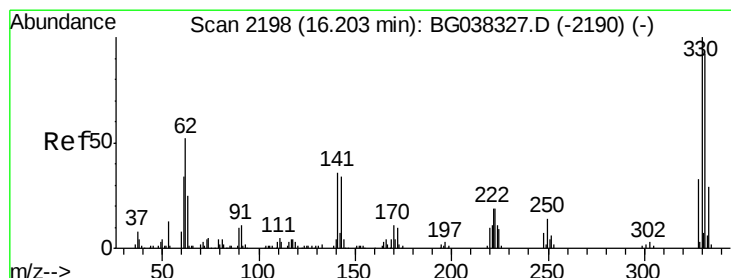
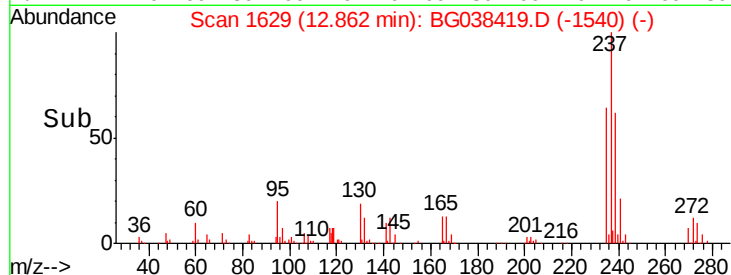
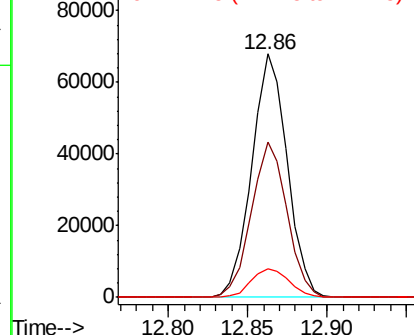
237 100

235 64.0 42.5 82.5

272 11.6 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: 112.231 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

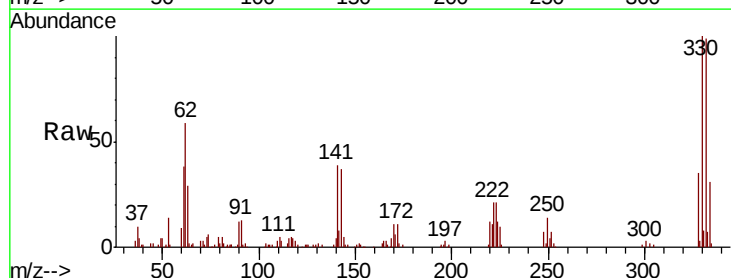
Tgt Ion: 330 Resp: 109627

Ion Ratio Lower Upper

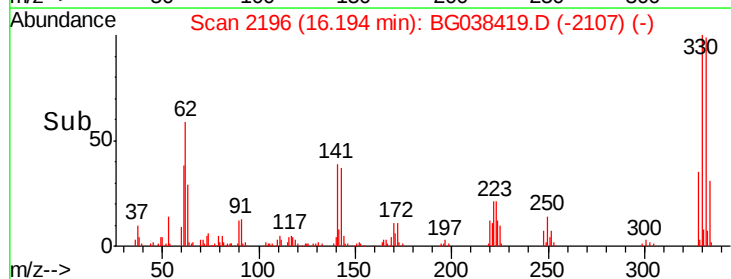
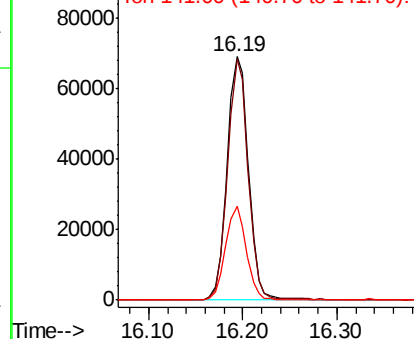
330 100

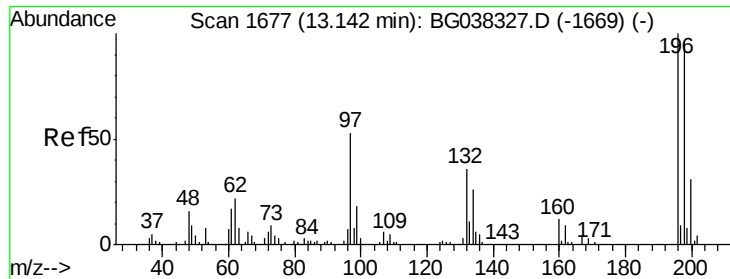
332 95.0 78.4 117.6

141 37.6 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

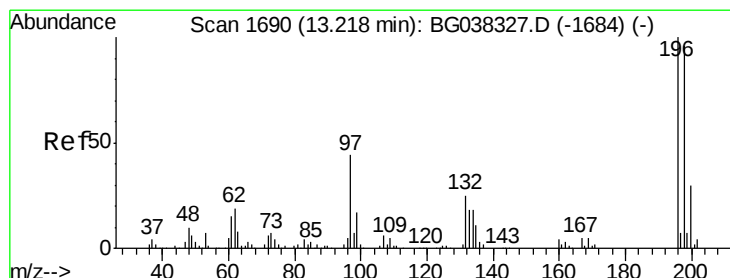
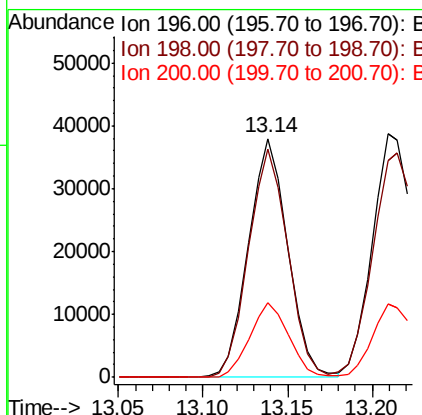
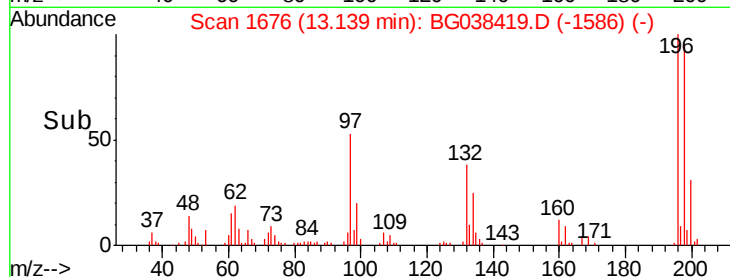
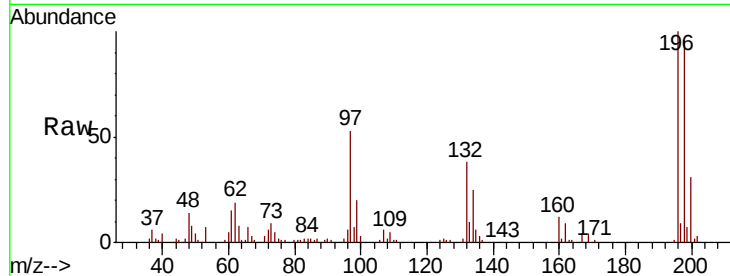




#43
 2,4,6-Trichlorophenol
 Concen: 34.768 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

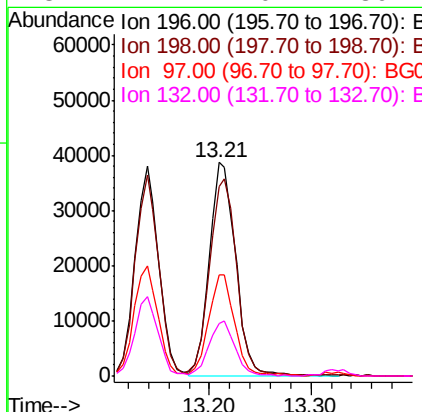
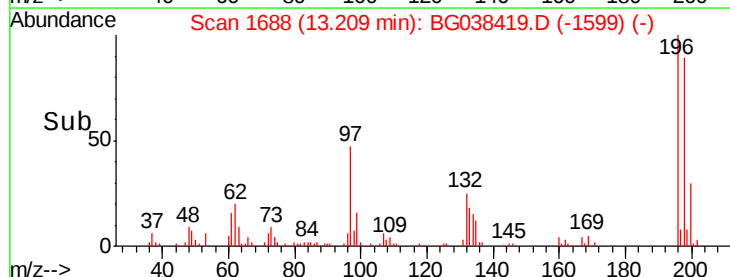
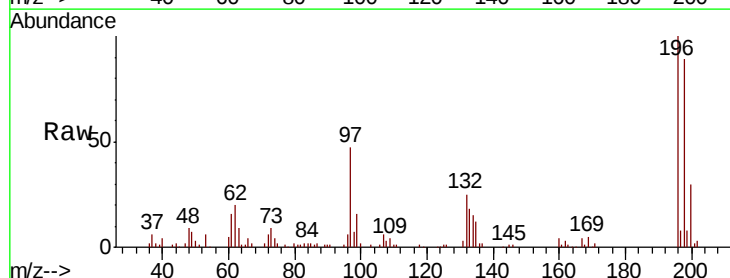
Instrument :
 BNA_G
 ClientSampleID :
 PB115249BS

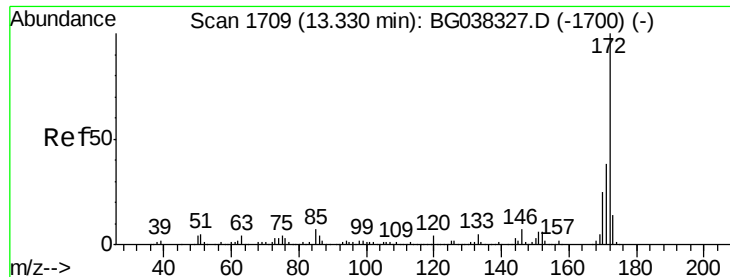
Tgt Ion:196 Resp: 61664
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.4 114.6
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.178 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion:196 Resp: 69855
 Ion Ratio Lower Upper
 196 100
 198 89.0 74.2 111.2
 97 47.4 34.1 51.1
 132 24.7 20.2 30.4

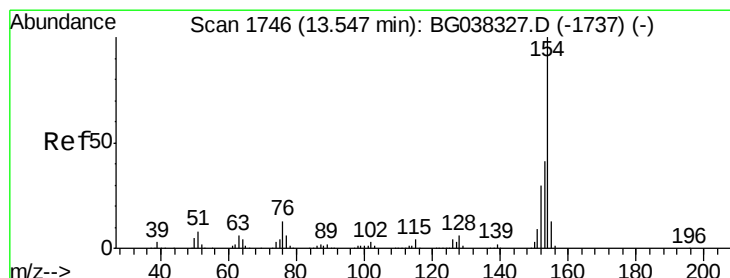
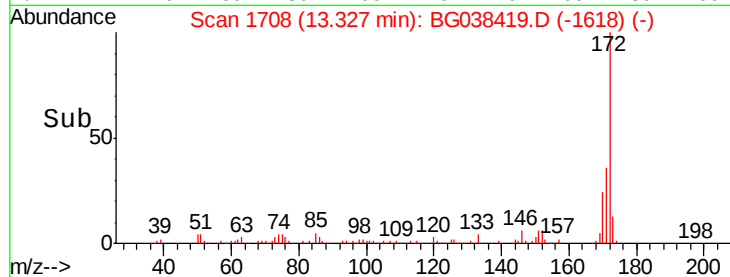
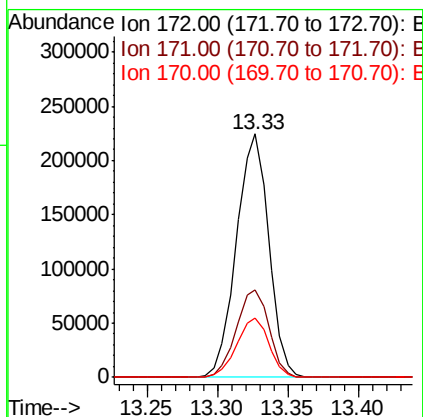
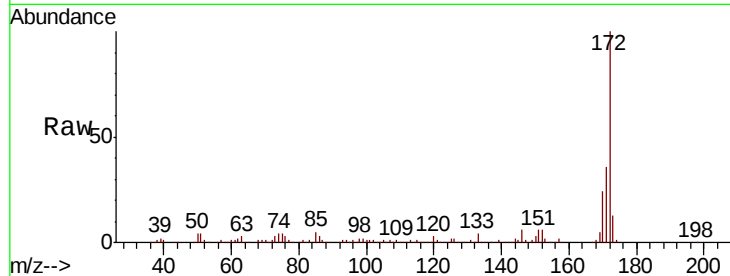




#45
 2-Fluorobiphenyl
 Concen: 64.297 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

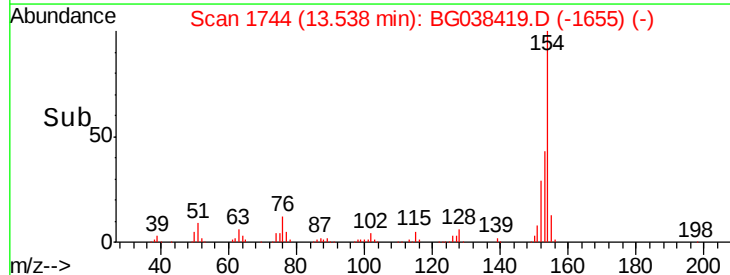
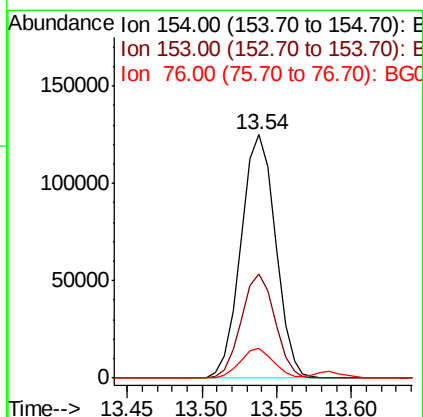
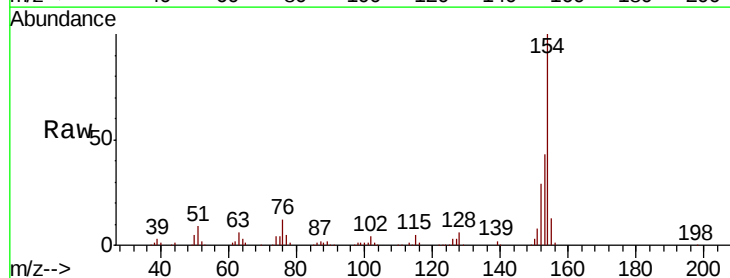
Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

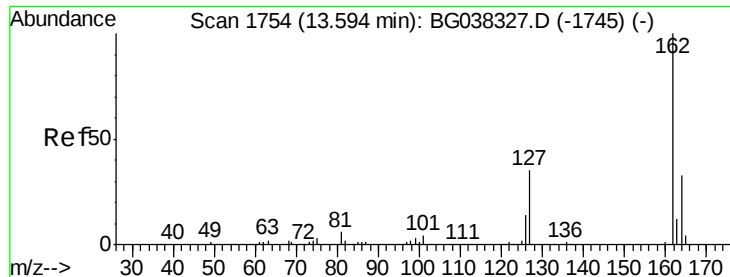
Tgt Ion:172 Resp: 359037
 Ion Ratio Lower Upper
 172 100
 171 36.0 31.0 46.4
 170 24.2 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 29.842 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion:154 Resp: 200711
 Ion Ratio Lower Upper
 154 100
 153 43.0 22.1 62.1
 76 12.1 0.0 33.2

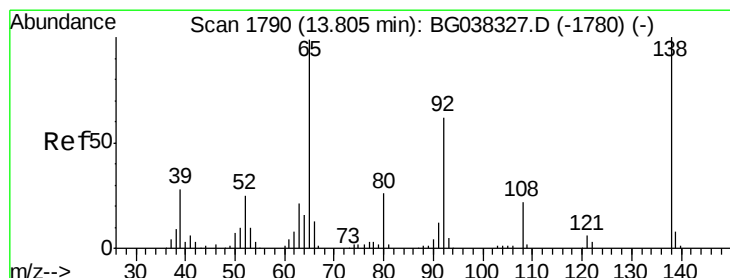
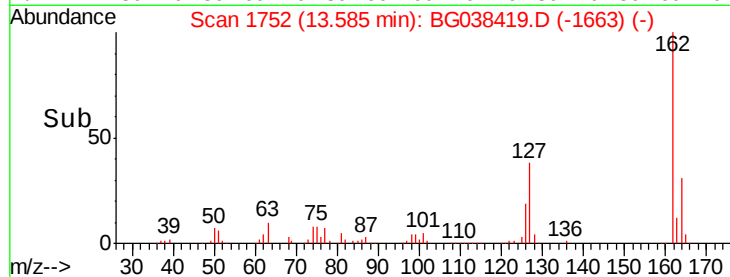
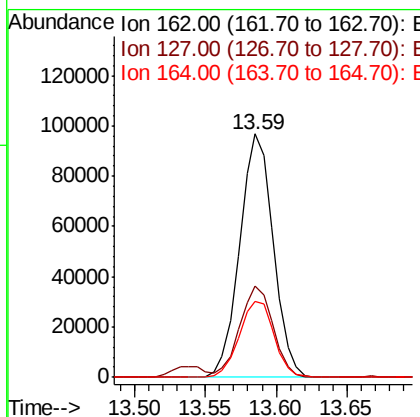
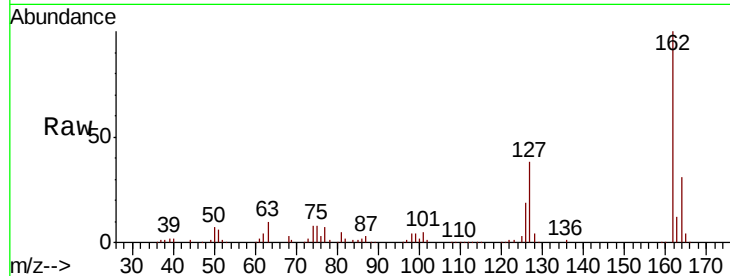




#47
 2-Chloronaphthalene
 Concen: 31.715 ng
 RT: 13.59 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

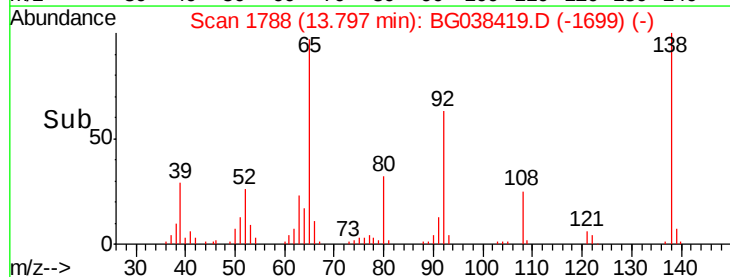
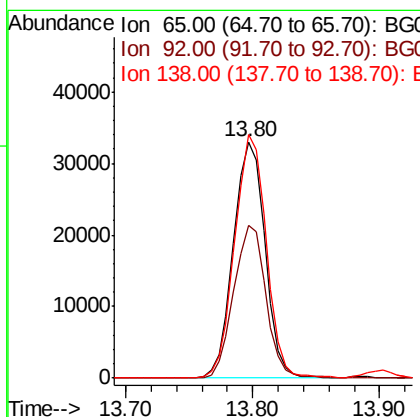
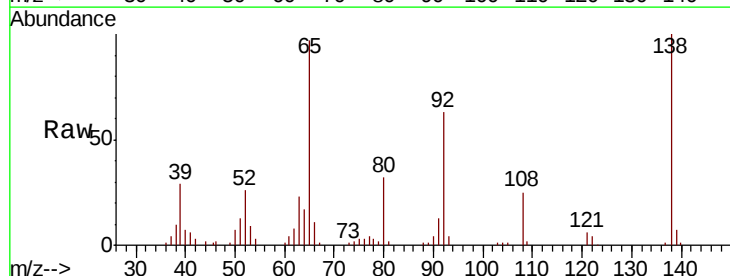
Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

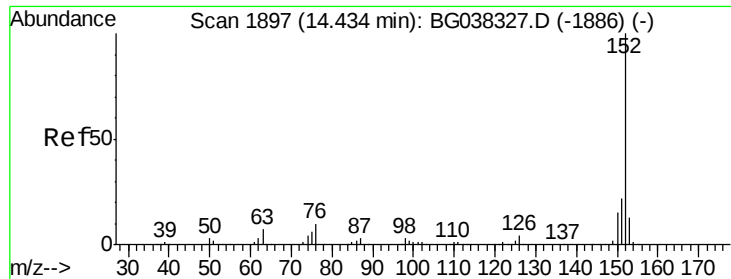
Tgt Ion: 162 Resp: 160961
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.5 45.7
 164 31.1 26.4 39.6



#48
 2-Nitroaniline
 Concen: 33.524 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion: 65 Resp: 57081
 Ion Ratio Lower Upper
 65 100
 92 64.9 53.2 79.8
 138 103.0 79.3 118.9





#49

Acenaphthylene

Concen: 35.415 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

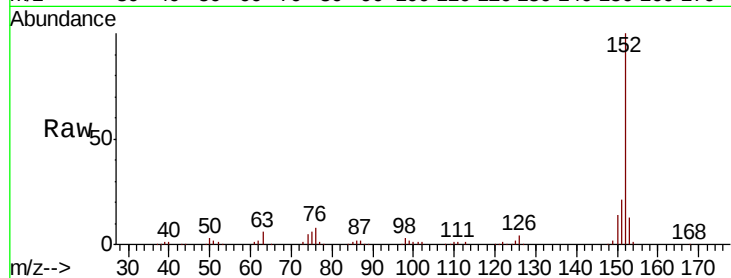
Tgt Ion:152 Resp: 270706

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

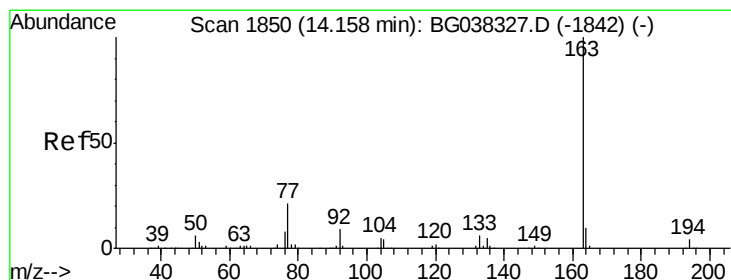
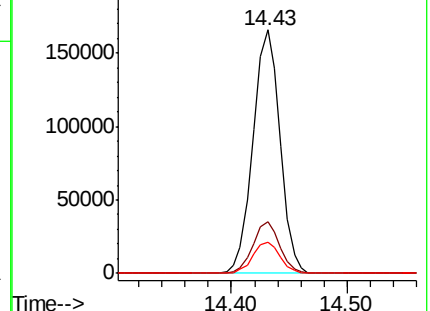
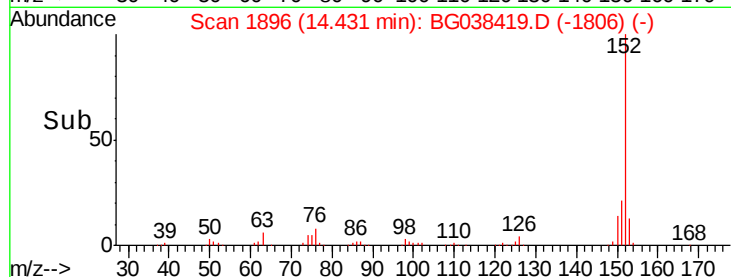
153 12.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.064 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

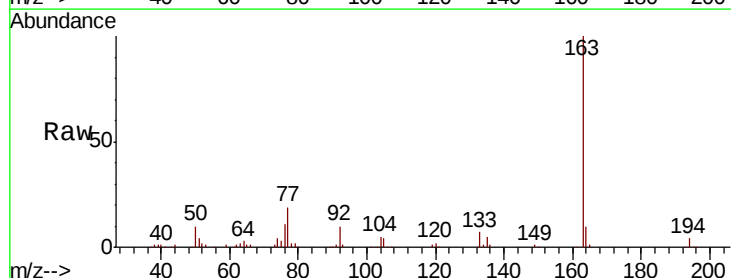
Tgt Ion:163 Resp: 223781

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

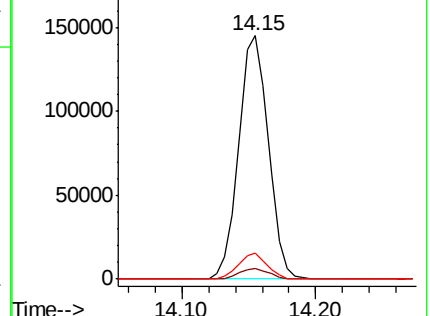
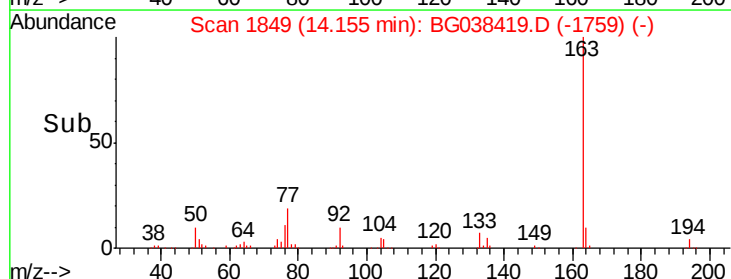
164 10.5 8.5 12.7

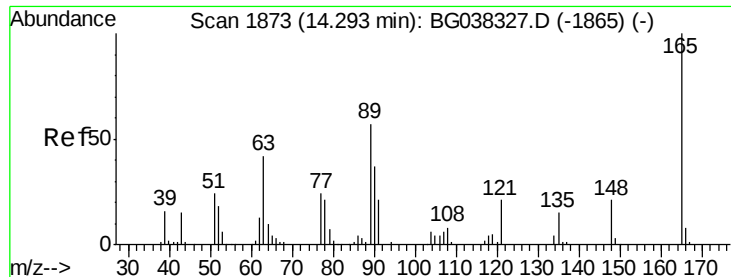


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

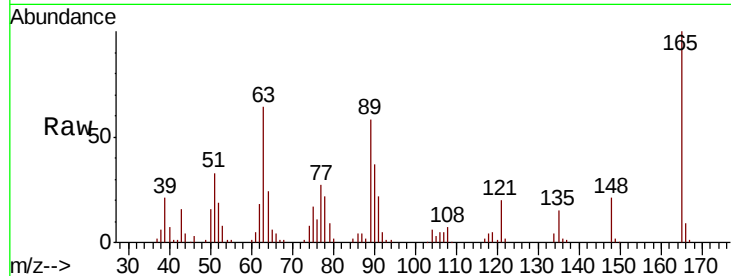




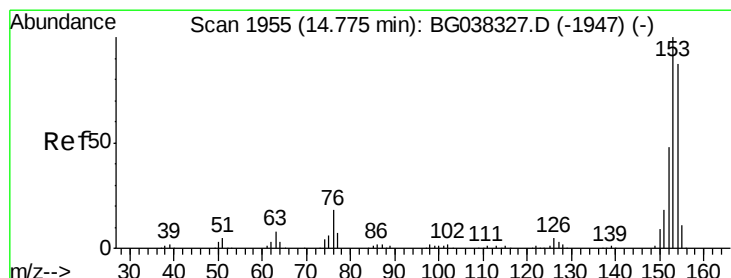
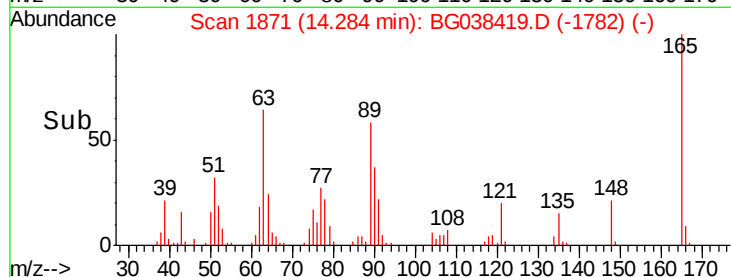
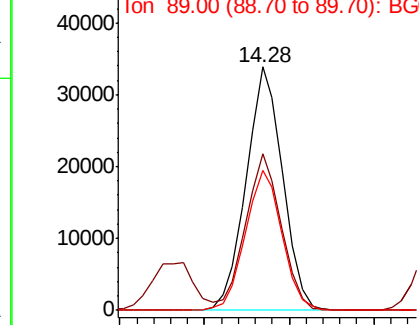
#51
 2,6-Dinitrotoluene
 Concen: 34.746 ng
 RT: 14.28 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tgt Ion:165 Resp: 50654
 Ion Ratio Lower Upper
 165 100
 63 64.2 43.4 65.2
 89 57.5 45.8 68.6

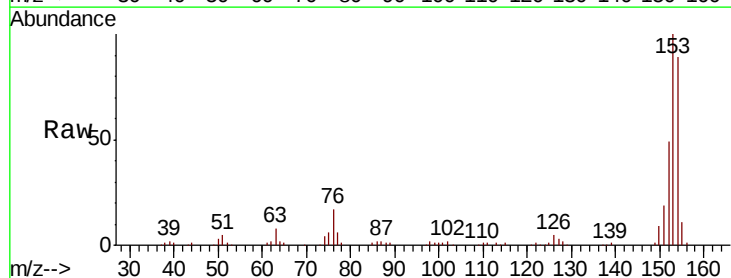


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

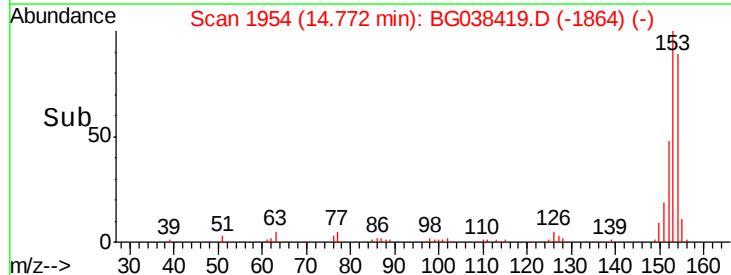
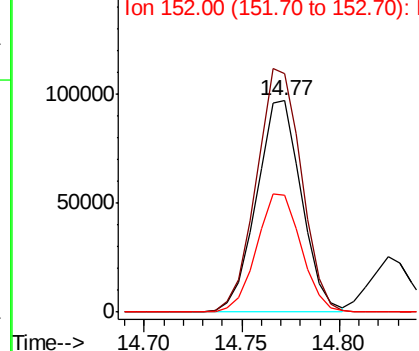


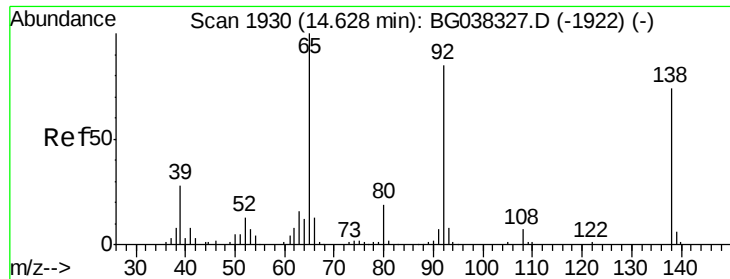
#52
 Acenaphthene
 Concen: 33.181 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion:154 Resp: 154619
 Ion Ratio Lower Upper
 154 100
 153 112.7 93.4 140.0
 152 55.1 44.7 67.1



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





#53

3-Nitroaniline

Concen: 20.494 ng

RT: 14.63 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

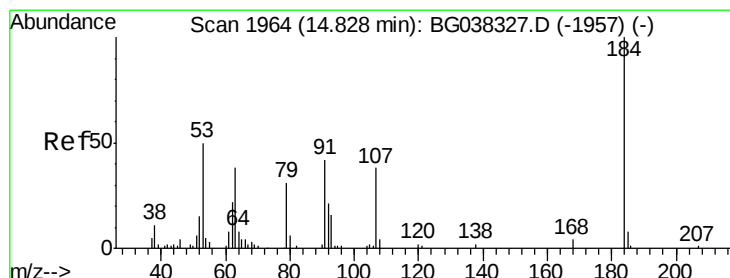
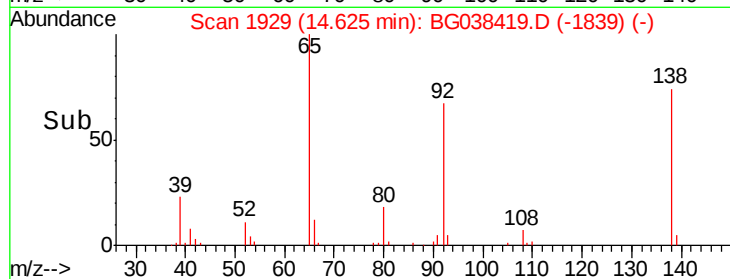
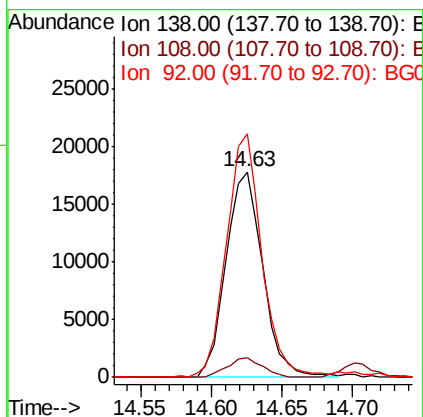
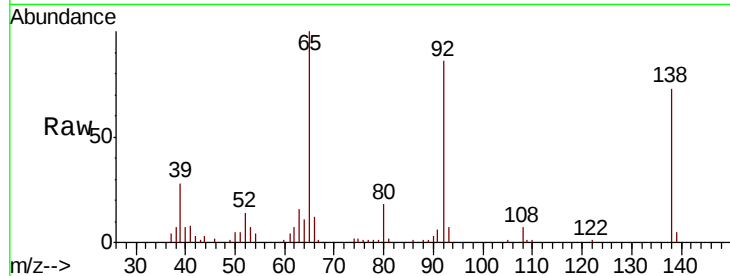
Tgt Ion:138 Resp: 32178

Ion Ratio Lower Upper

138 100

108 9.7 11.0 16.6#

92 118.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 80.935 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

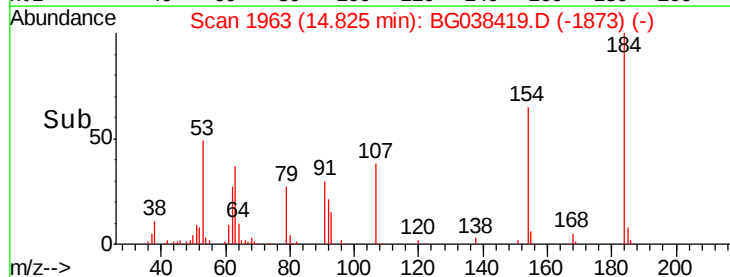
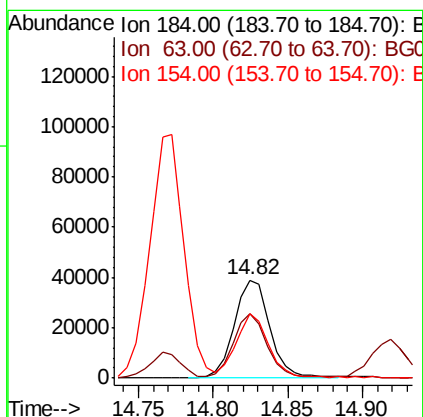
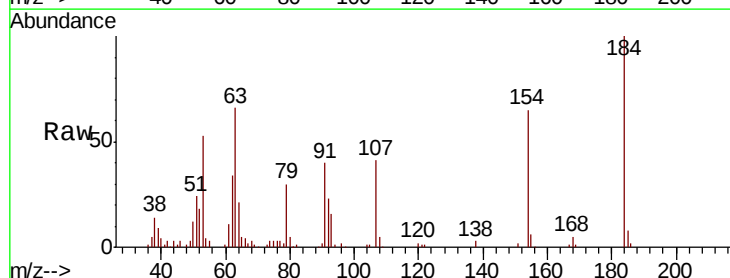
Tgt Ion:184 Resp: 64680

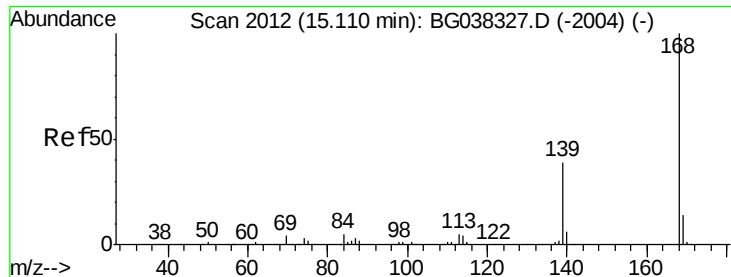
Ion Ratio Lower Upper

184 100

63 65.6 42.6 63.8#

154 65.2 41.8 62.6#

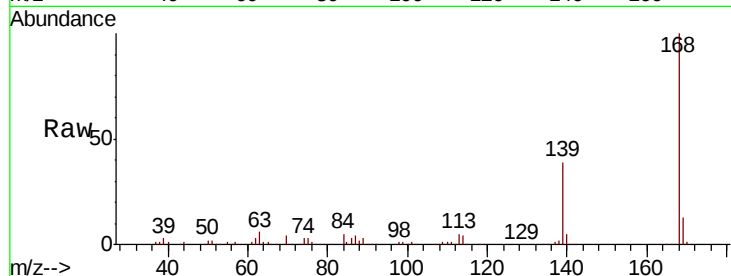




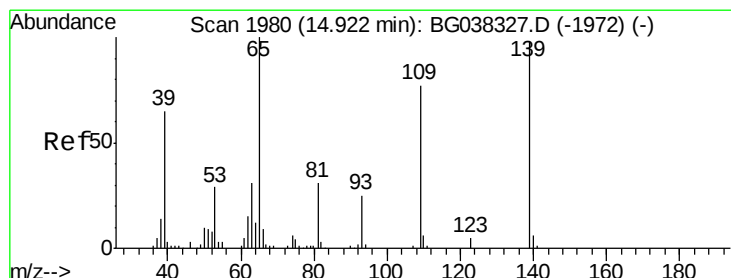
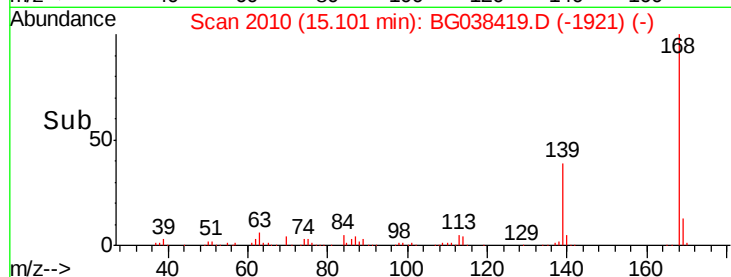
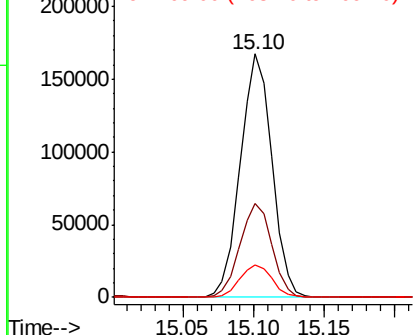
#55
Dibenzenofuran
Concen: 33.924 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tgt Ion:168 Resp: 261344
Ion Ratio Lower Upper
168 100
139 38.5 29.4 44.0
169 13.5 11.0 16.6

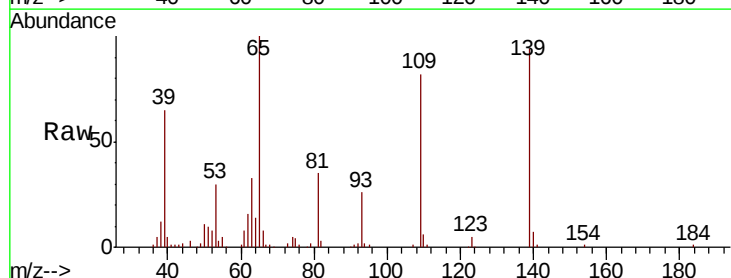


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

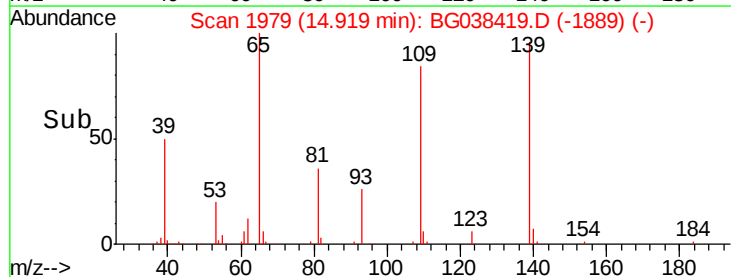
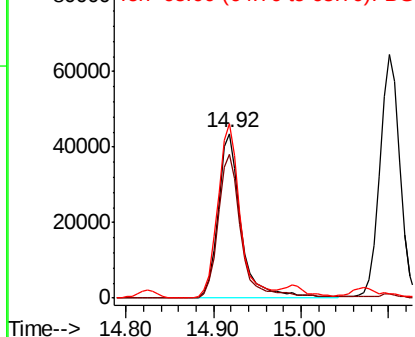


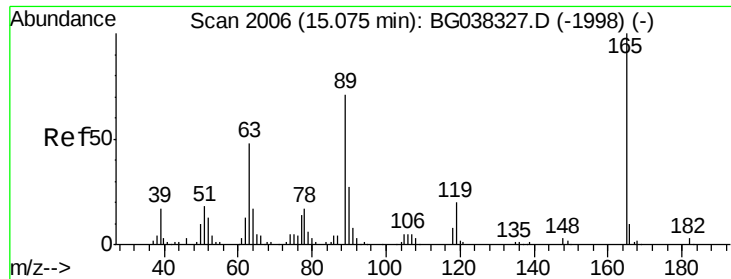
#56
4-Nitrophenol
Concen: 63.909 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion:139 Resp: 79265
Ion Ratio Lower Upper
139 100
109 87.3 49.5 89.5
65 106.0 76.8 116.8



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

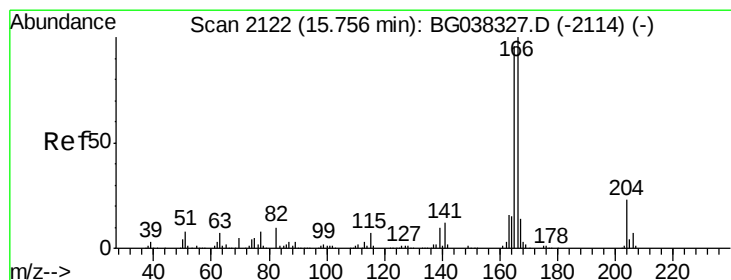
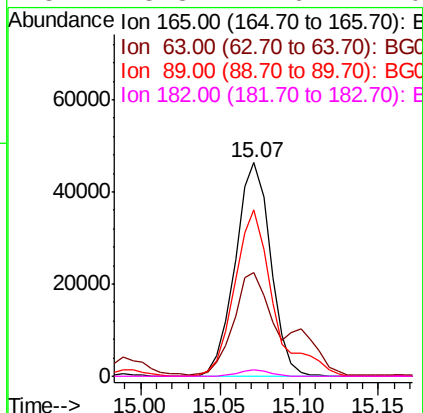
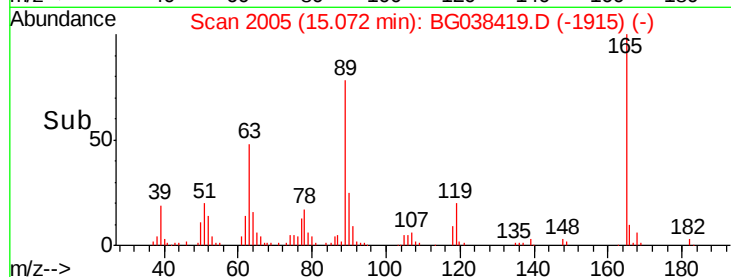
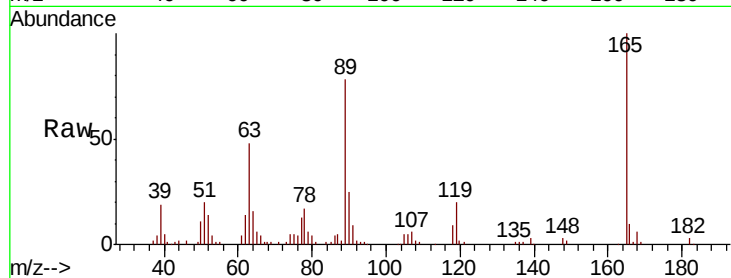




#57
2,4-Dinitrotoluene
Concen: 35.629 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

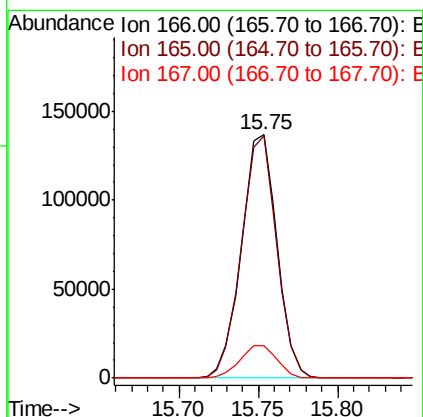
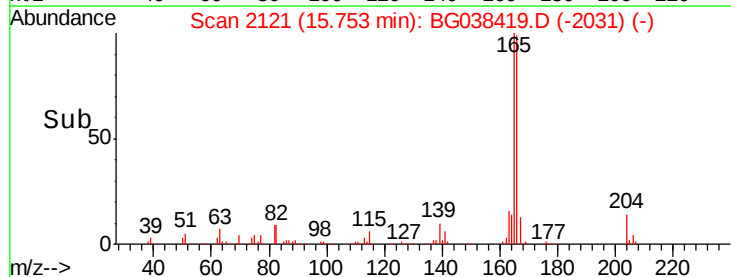
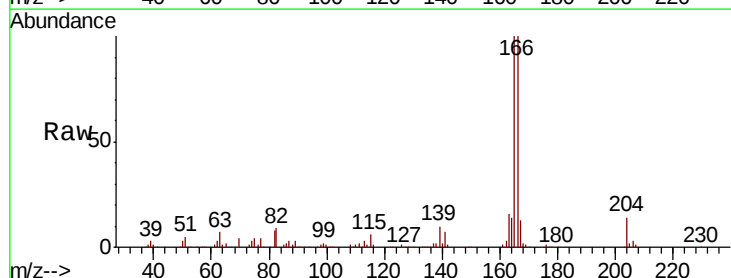
Instrument :
BNA_G
ClientSampleId :
PB115249BS

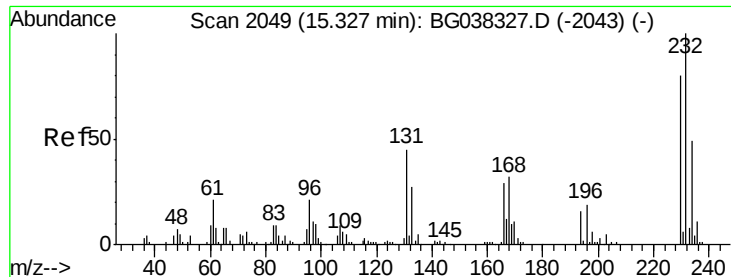
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.4	33.4	50.0
89	78.1	57.2	85.8
182	3.3	2.6	4.0



#58
Fluorene
Concen: 37.547 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.6
167	13.2	11.3	16.9

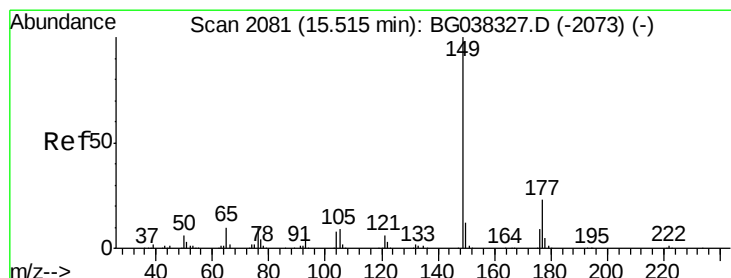
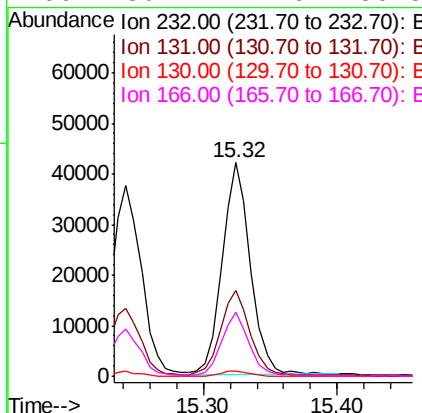
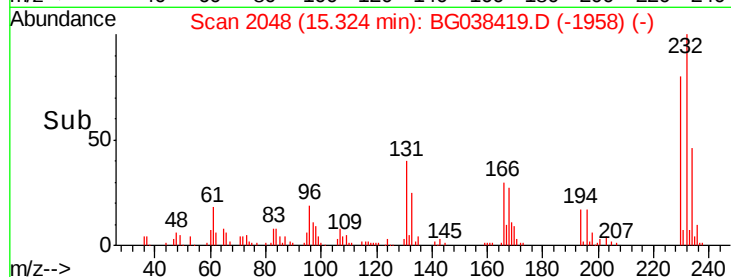
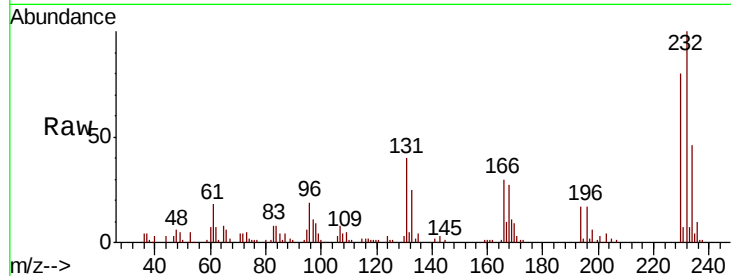




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.181 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

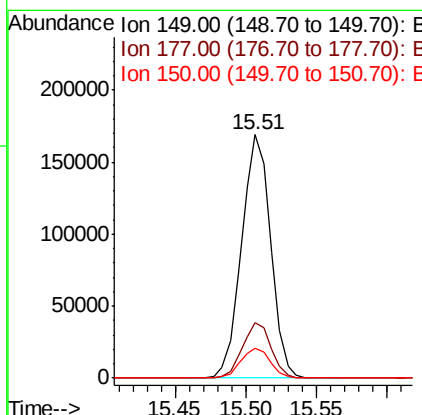
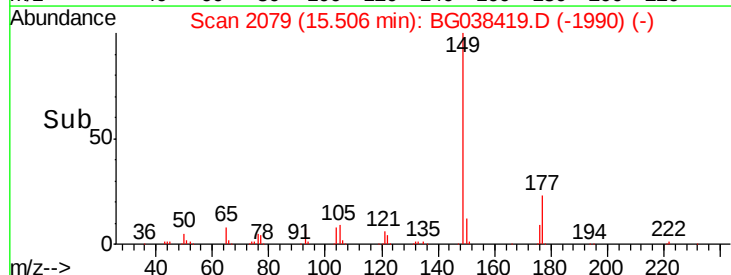
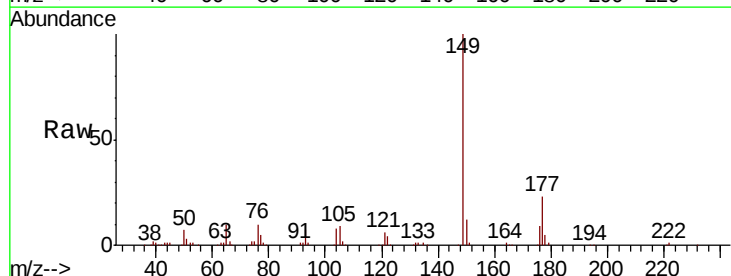
Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

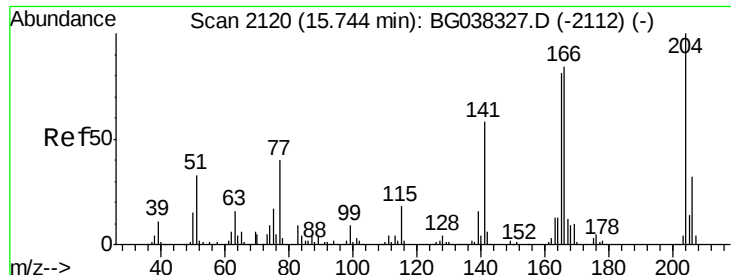
Tgt Ion:232 Resp: 62306
 Ion Ratio Lower Upper
 232 100
 131 41.1 33.7 50.5
 130 2.5 2.1 3.1
 166 30.2 24.6 36.8



#60
 Diethylphthalate
 Concen: 34.381 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion:149 Resp: 243090
 Ion Ratio Lower Upper
 149 100
 177 22.6 18.3 27.5
 150 12.4 10.0 15.0

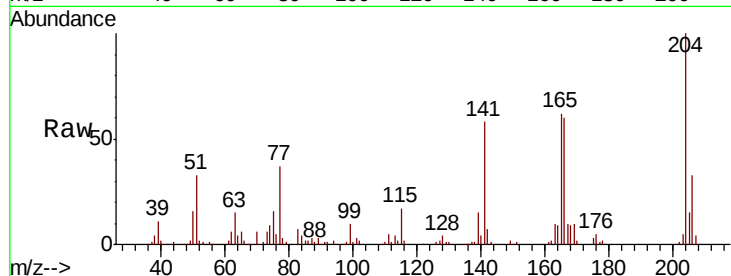




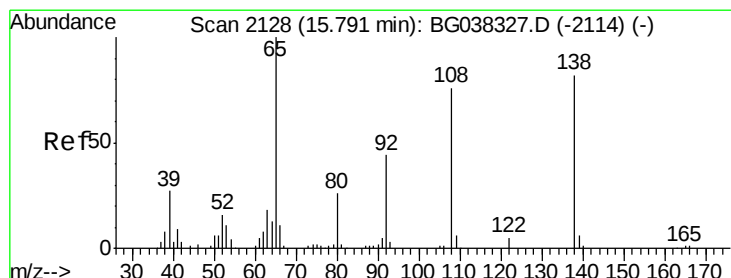
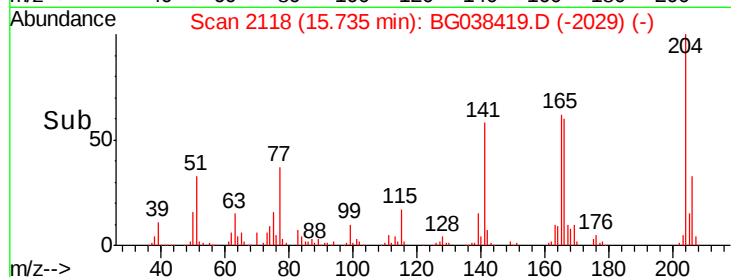
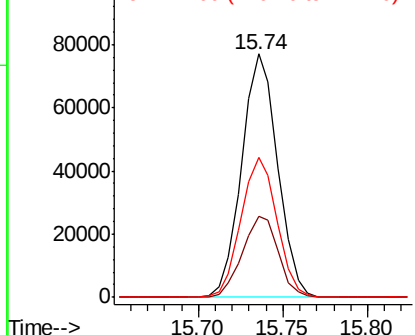
#61
4-Chlorophenyl-phenylether
Concen: 33.486 ng
RT: 15.74 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tgt Ion: 204 Resp: 114157
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 57.6 45.4 68.2

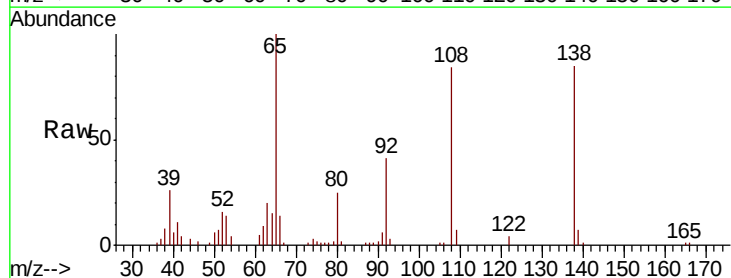


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

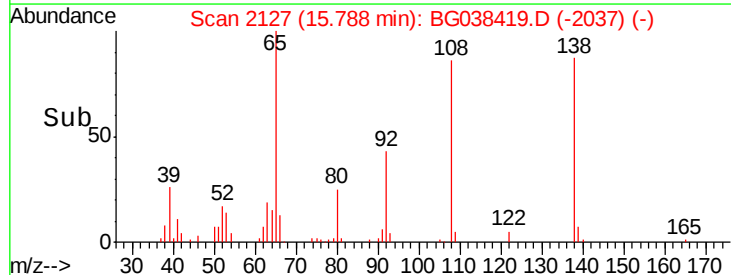
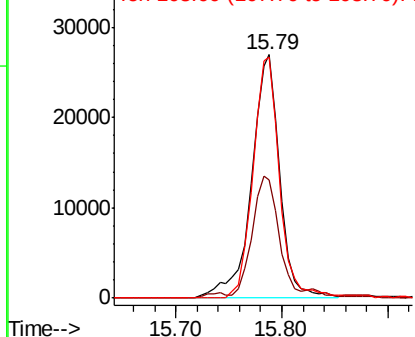


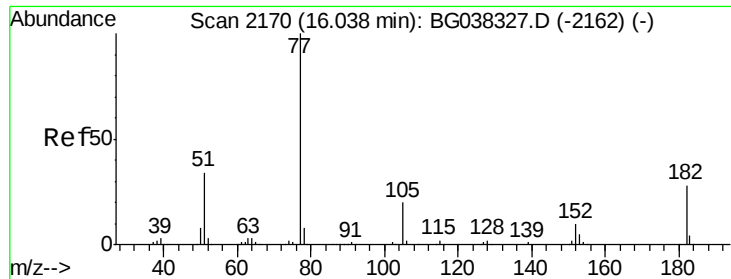
#62
4-Nitroaniline
Concen: 32.654 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion: 138 Resp: 50426
Ion Ratio Lower Upper
138 100
92 48.6 36.4 76.4
108 99.2 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 33.452 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

Tgt Ion: 77 Resp: 206999

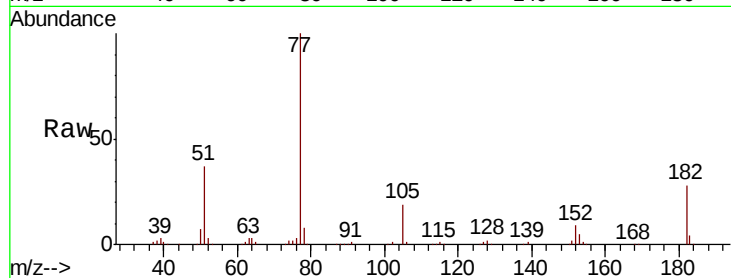
Ion Ratio Lower Upper

77 100

182 27.7 8.0 48.0

105 19.4 1.3 41.3

51 37.2 10.7 50.7

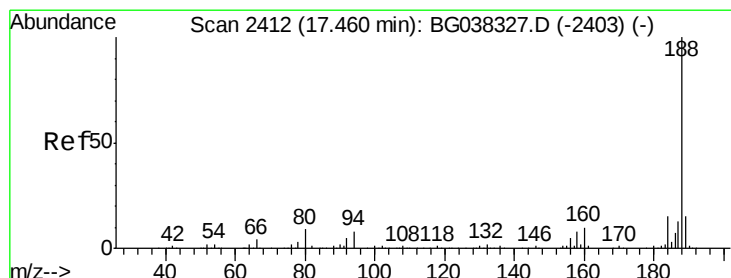
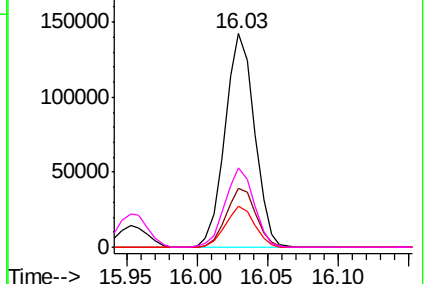
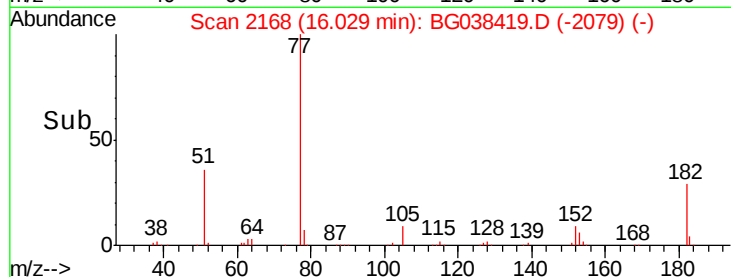


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038419.D

Acq: 8 Dec 2018 1:22

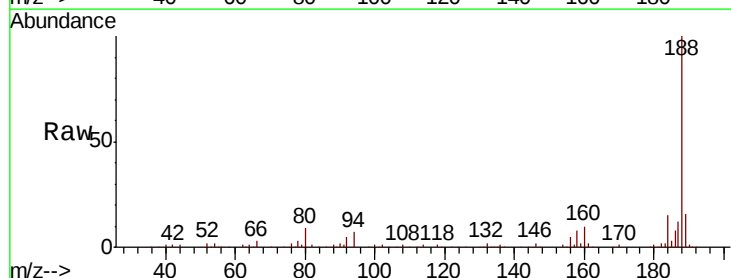
Tgt Ion: 188 Resp: 195527

Ion Ratio Lower Upper

188 100

94 7.4 7.2 10.8

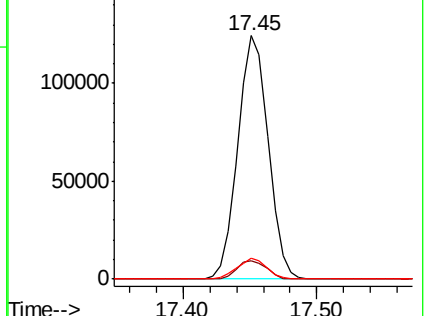
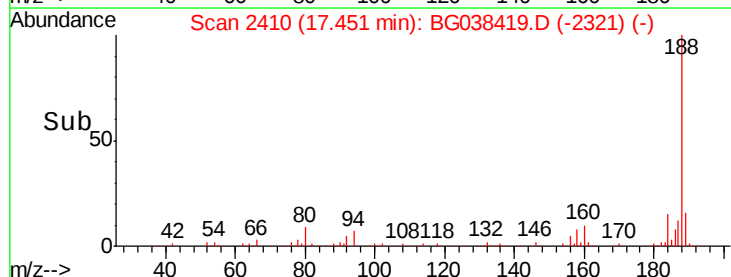
80 8.8 7.7 11.5

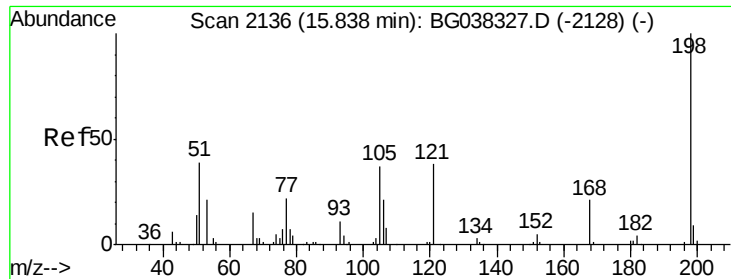


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

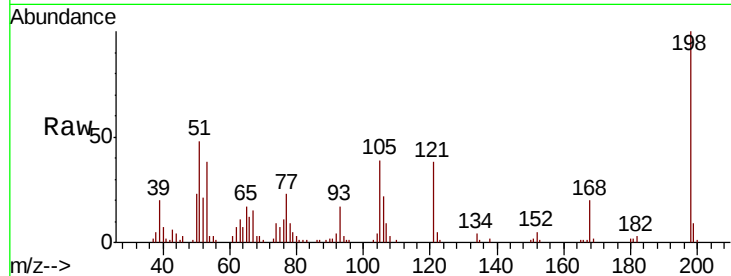




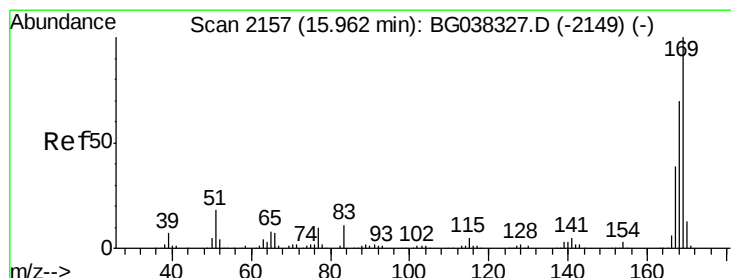
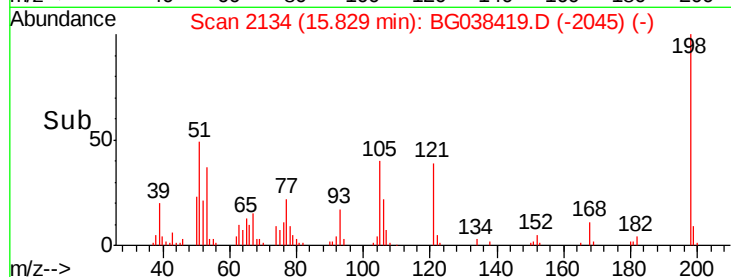
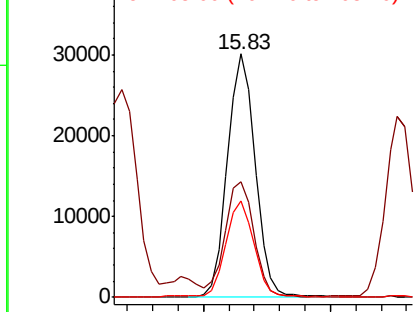
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.657 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tgt Ion:198 Resp: 45681
 Ion Ratio Lower Upper
 198 100
 51 47.6 22.7 62.7
 105 39.5 19.7 59.7

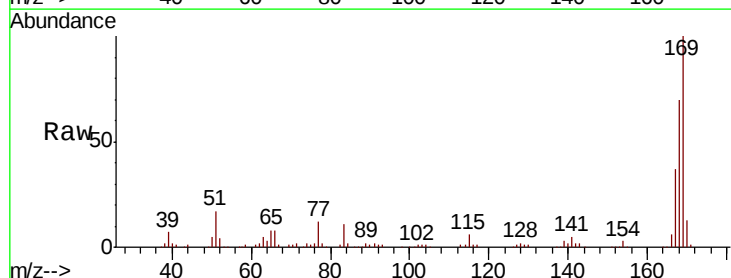


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

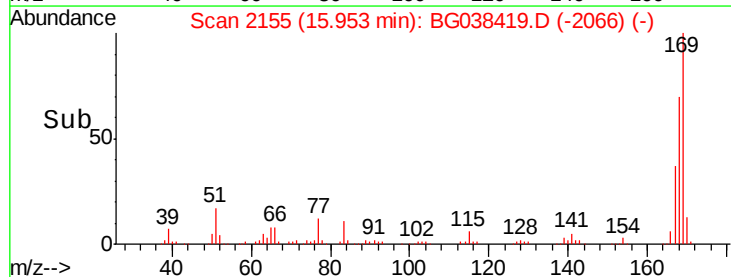
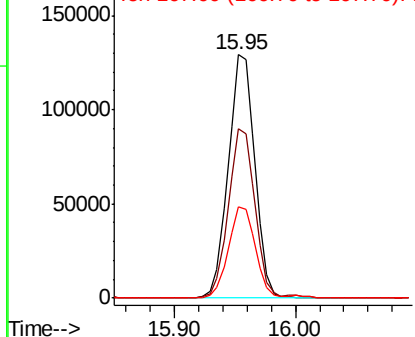


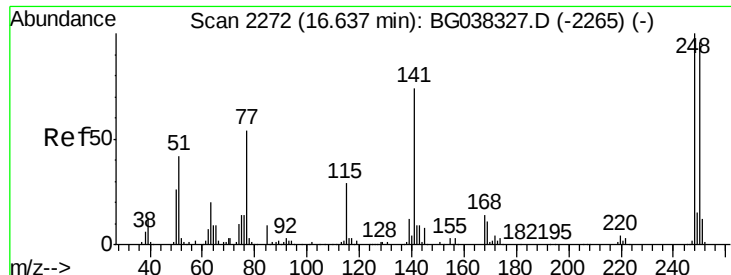
#66
 n-Nitrosodiphenylamine
 Concen: 35.851 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion:169 Resp: 197119
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.7 83.5
 167 37.3 31.3 46.9



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





#67

4-Bromophenyl-phenylether

Concen: 35.786 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

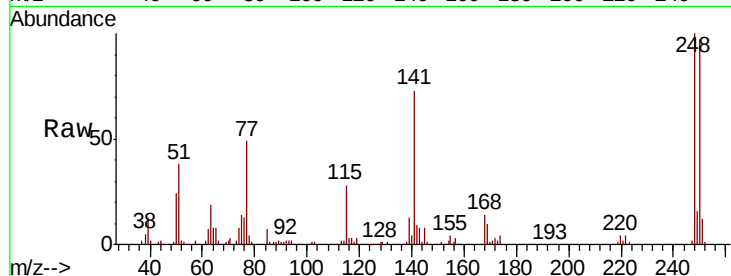
Tgt Ion:248 Resp: 75561

Ion Ratio Lower Upper

248 100

250 96.9 77.0 115.6

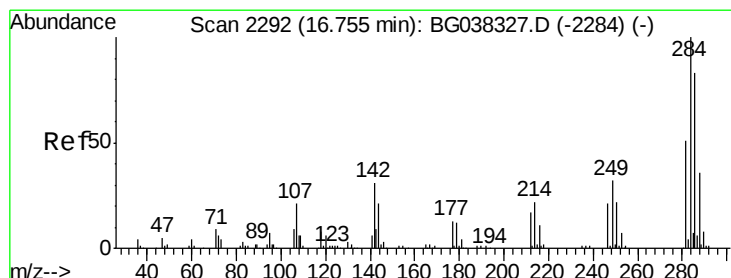
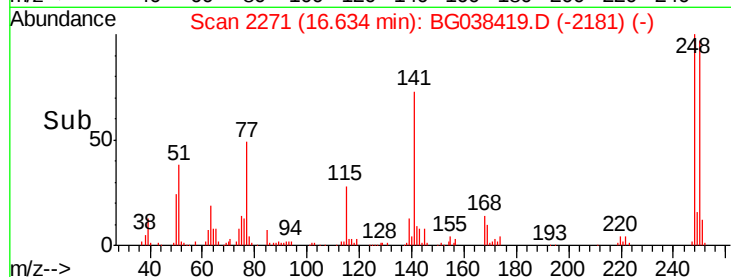
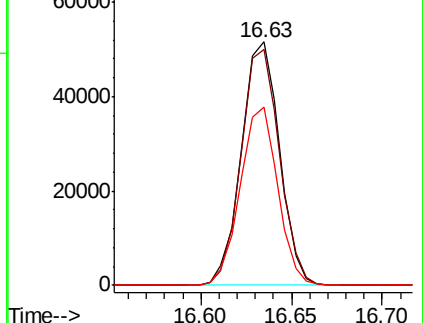
141 73.0 55.5 83.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.334 ng

RT: 16.75 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

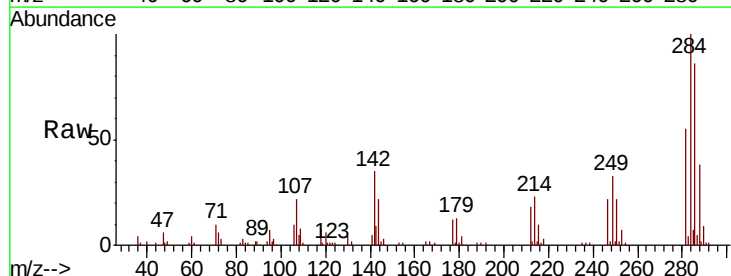
Tgt Ion:284 Resp: 79132

Ion Ratio Lower Upper

284 100

142 34.8 28.1 42.1

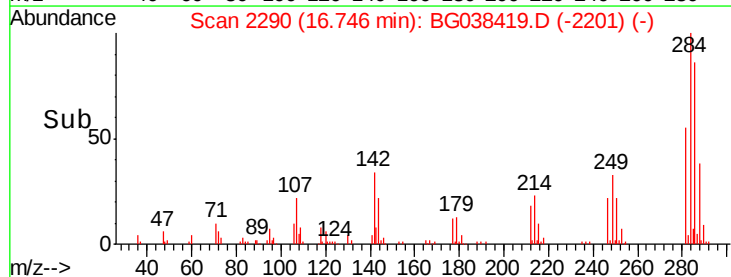
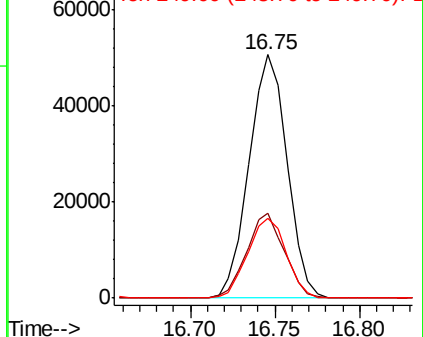
249 34.8 29.8 44.8

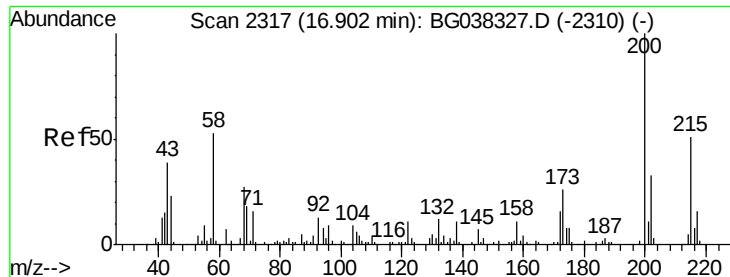


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.940 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

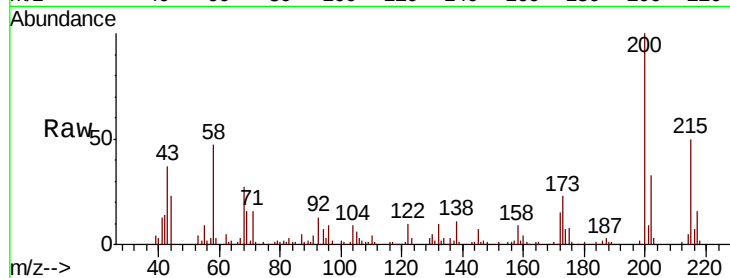
Tgt Ion:200 Resp: 73736

Ion Ratio Lower Upper

200 100

173 23.2 6.1 46.1

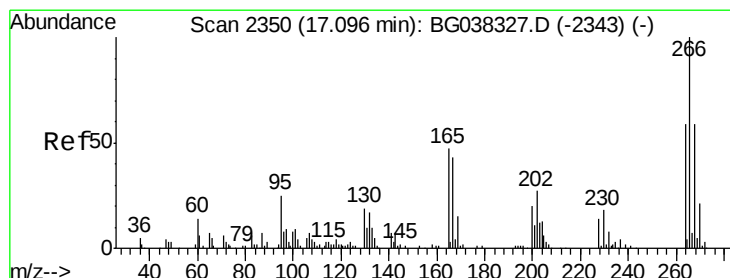
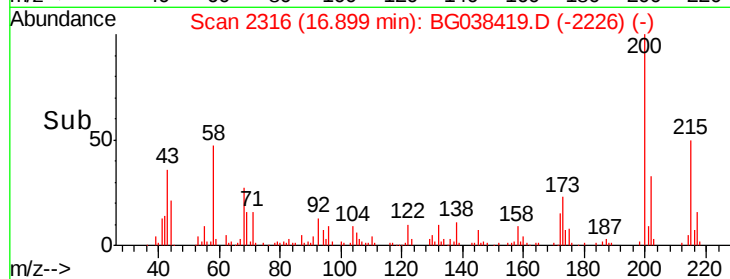
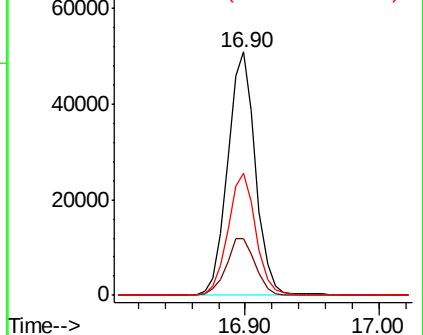
215 49.9 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.446 ng

RT: 17.09 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

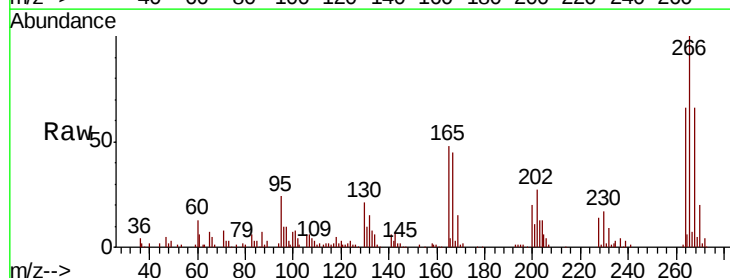
Tgt Ion:266 Resp: 90170

Ion Ratio Lower Upper

266 100

268 70.9 55.0 82.6

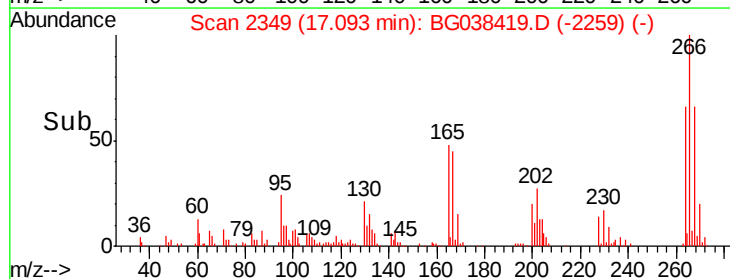
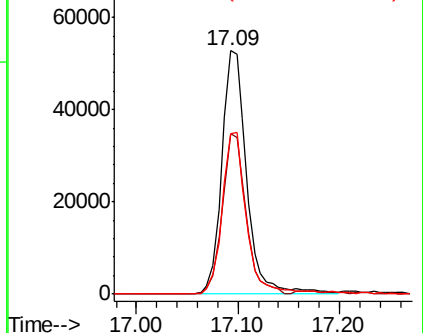
264 72.1 58.9 88.3

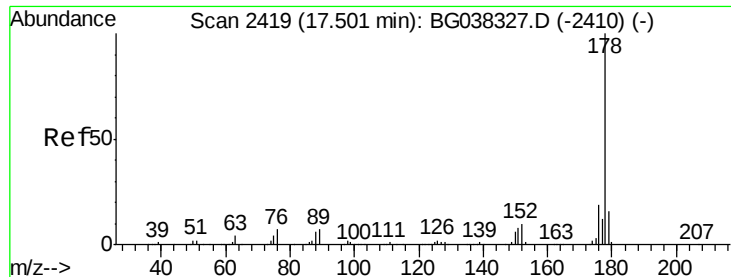


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

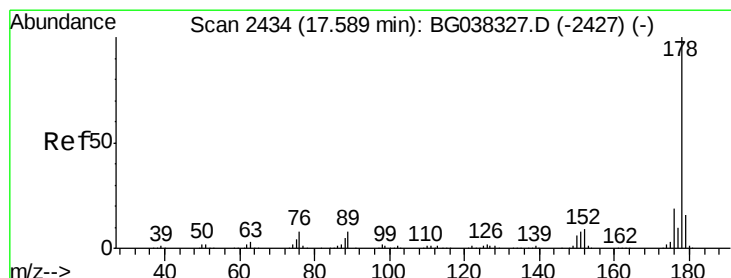
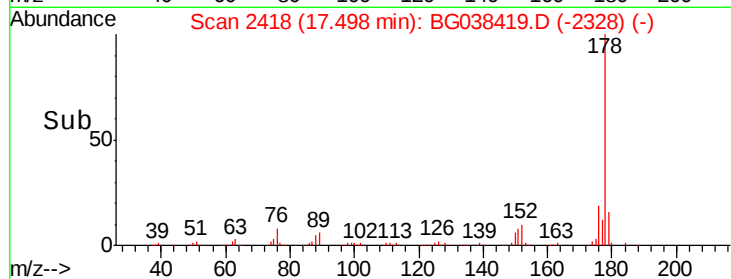
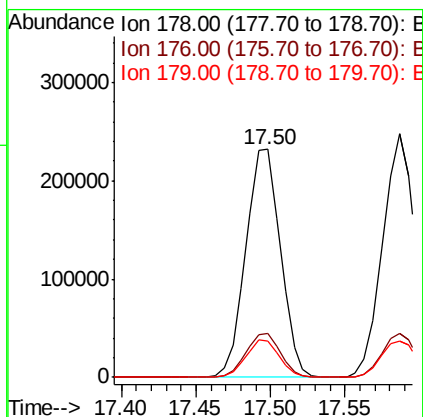
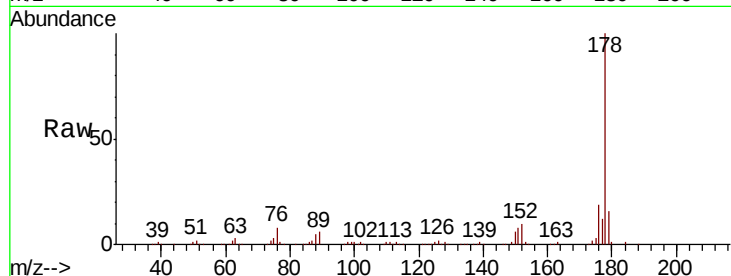




#71
Phenanthrene
Concen: 38.062 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

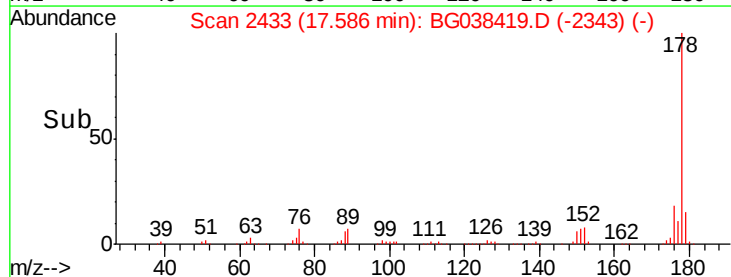
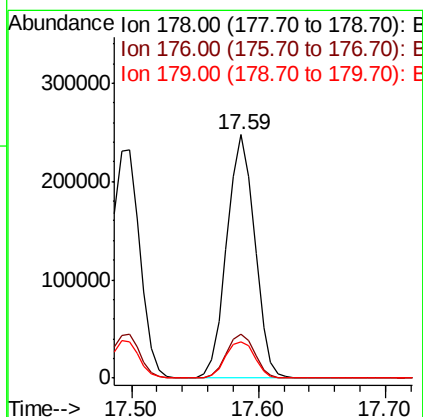
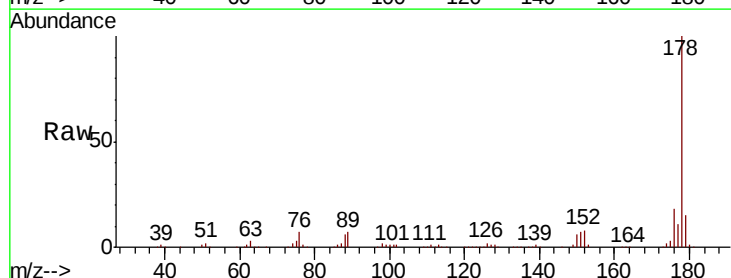
Instrument :
BNA_G
ClientSampleId :
PB115249BS

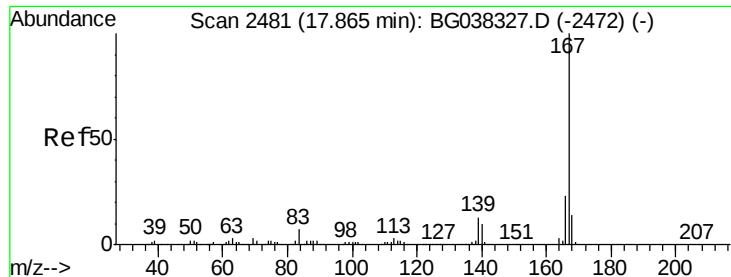
Tgt Ion:178 Resp: 372697
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 15.8 13.0 19.4



#72
Anthracene
Concen: 39.765 ng
RT: 17.59 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion:178 Resp: 377068
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 14.9 12.8 19.2

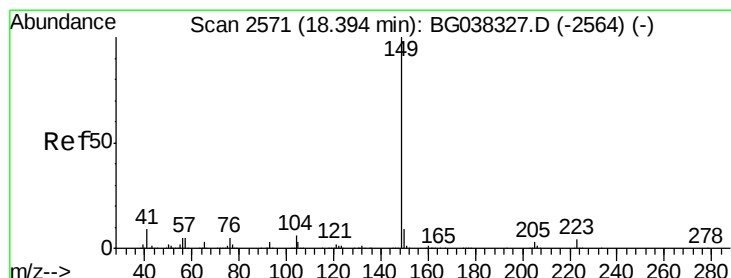
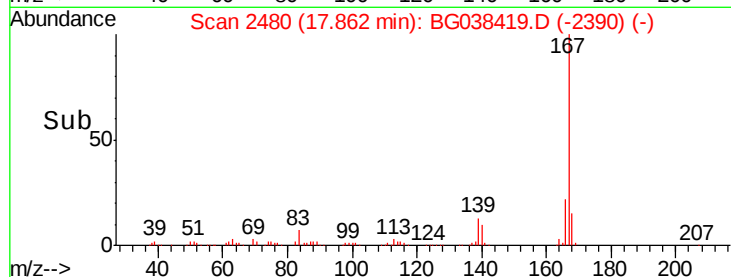
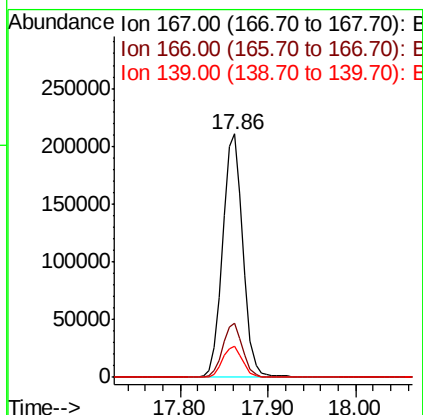
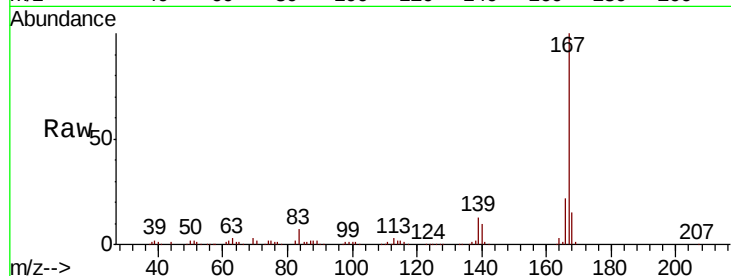




#73
 Carbazole
 Concen: 35.796 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

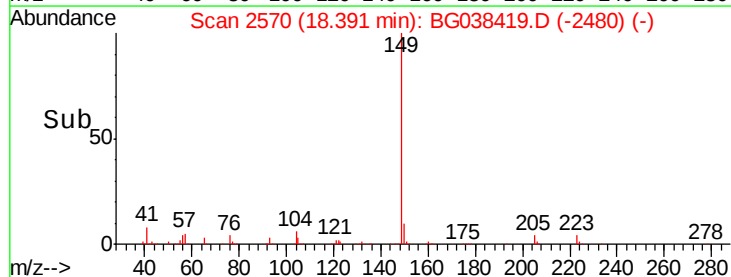
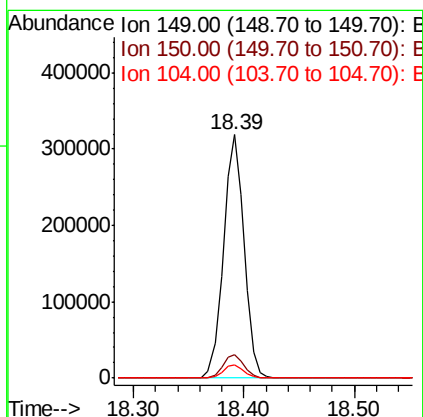
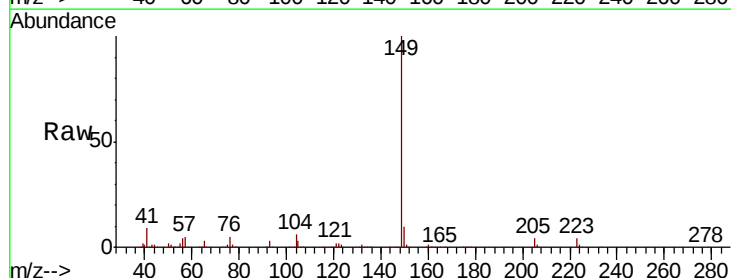
Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

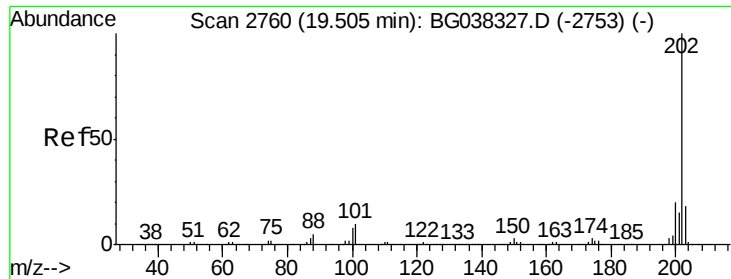
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.7	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 37.668 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.6	4.0	6.0

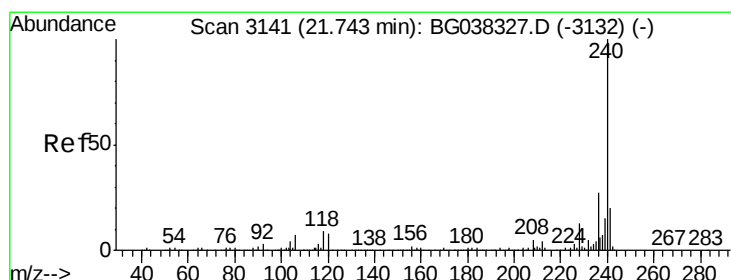
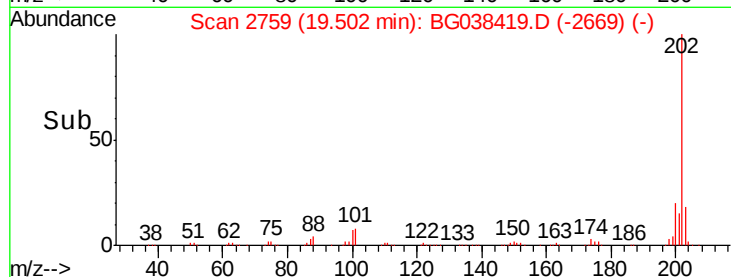
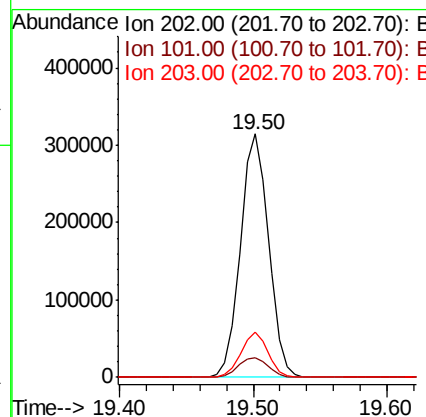
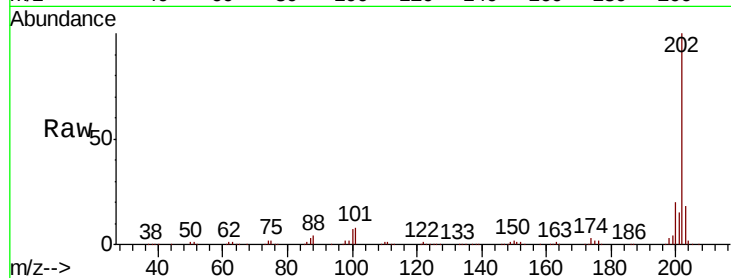




#75
 Fluoranthene
 Concen: 40.169 ng
 RT: 19.50 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

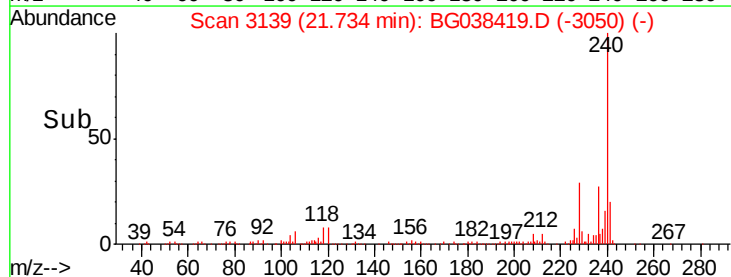
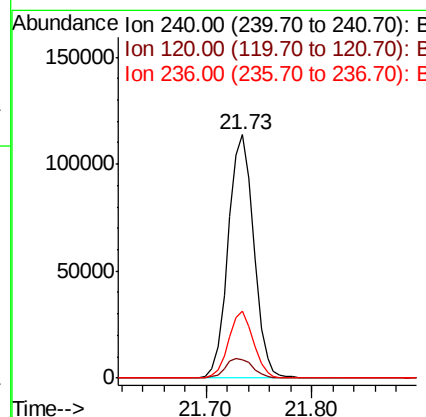
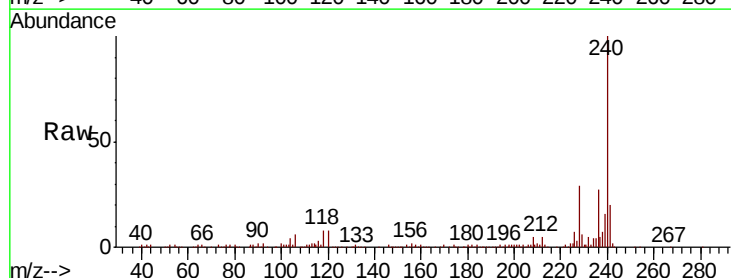
Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

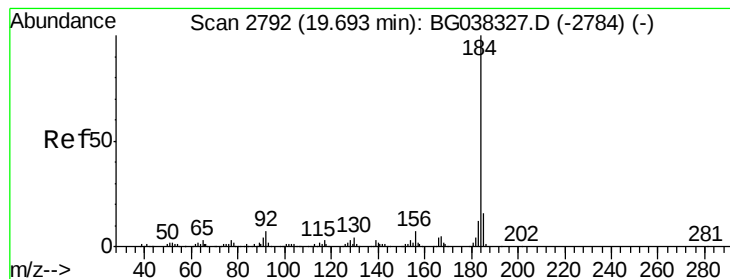
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	30.7
203	18.3	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038419.D
 Acq: 8 Dec 2018 1:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.1	12.1#
236	27.3	21.4	32.0





#77

Benzidine

Concen: 12.176 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

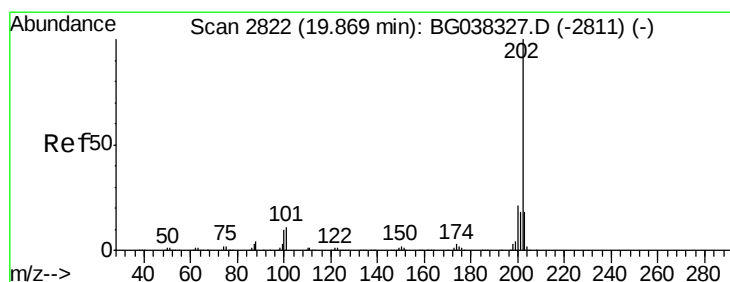
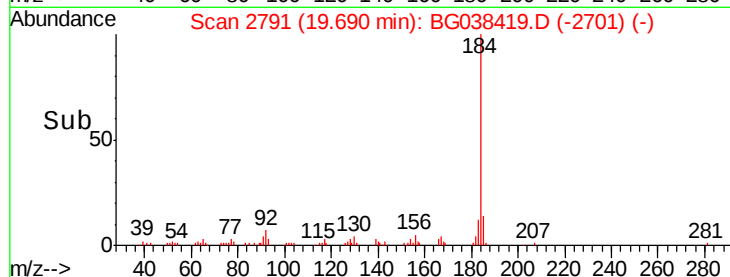
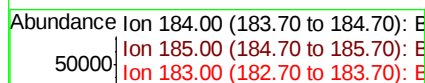
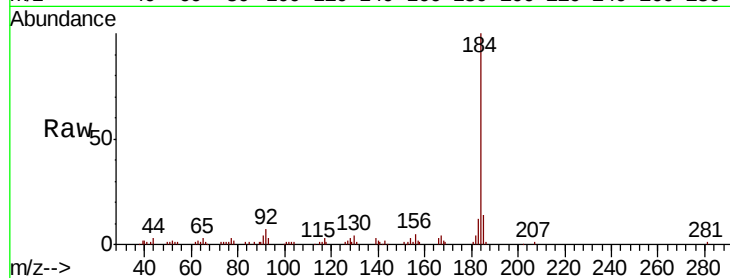
Tgt Ion:184 Resp: 78270

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

183 11.8 10.2 15.2



#78

Pyrene

Concen: 34.249 ng

RT: 19.87 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

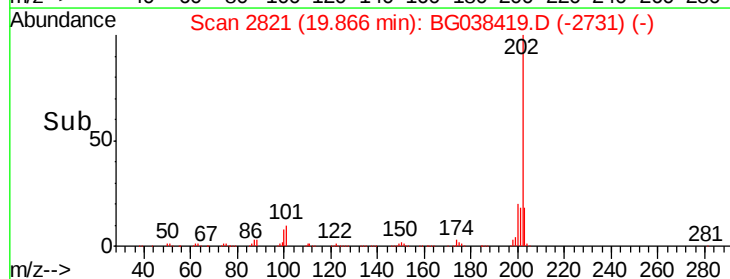
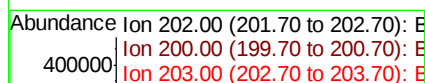
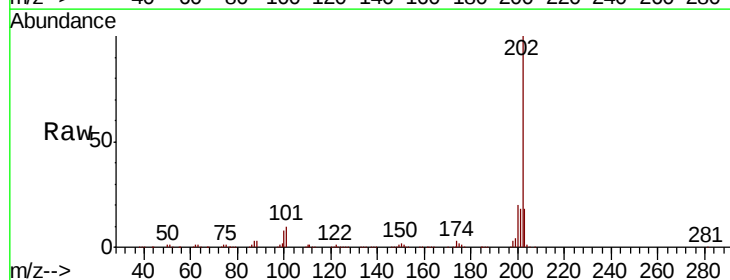
Tgt Ion:202 Resp: 456504

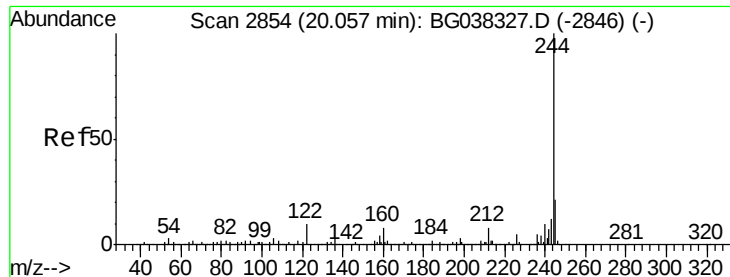
Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.6

203 17.8 15.2 22.8





#79

Terphenyl-d14

Concen: 73.291 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

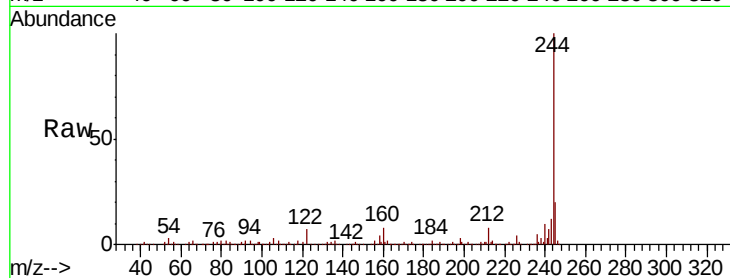
Tgt Ion:244 Resp: 651742

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

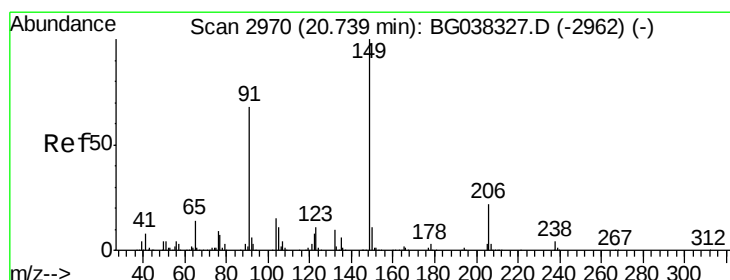
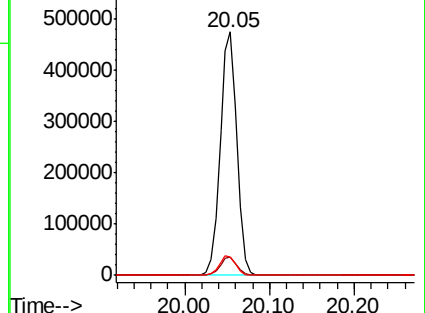
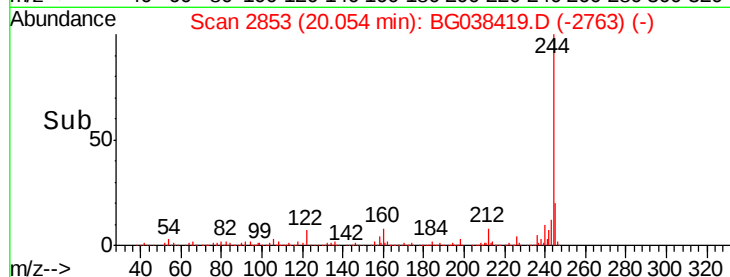
122 7.4 9.0 13.4#



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: 34.343 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

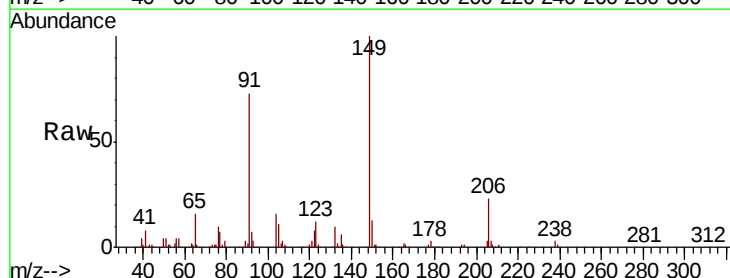
Tgt Ion:149 Resp: 184113

Ion Ratio Lower Upper

149 100

91 72.7 57.0 85.4

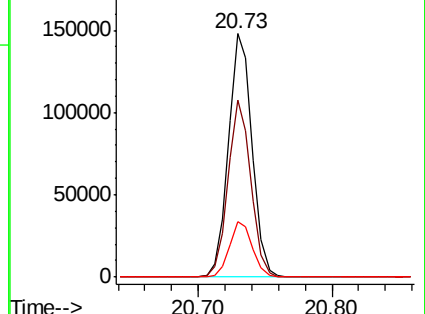
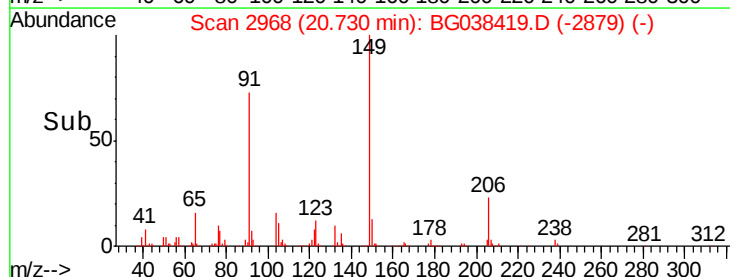
206 22.6 17.8 26.6

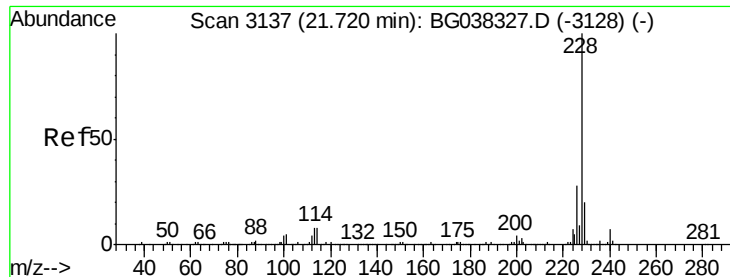


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.793 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

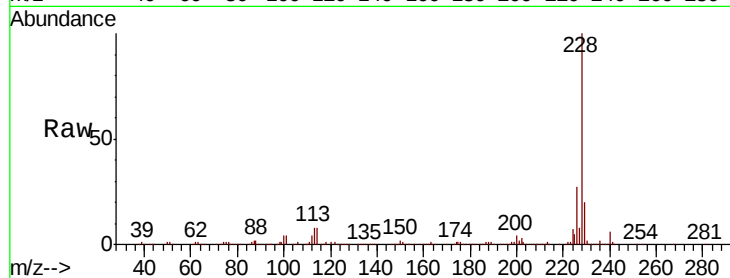
Tgt Ion:228 Resp: 430782

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

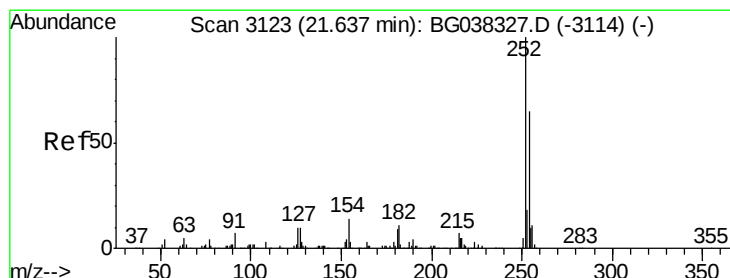
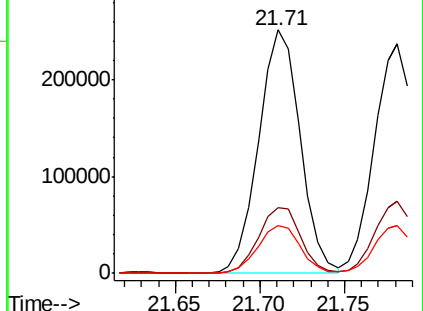
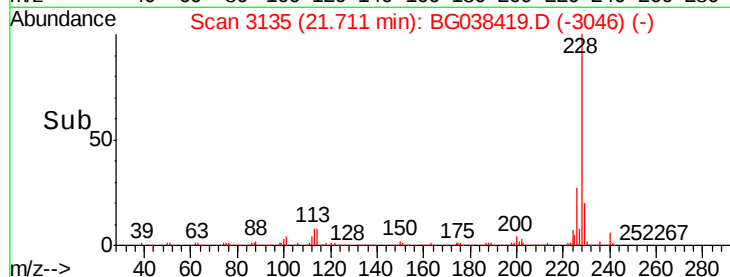
229 19.9 16.3 24.5



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: 29.463 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

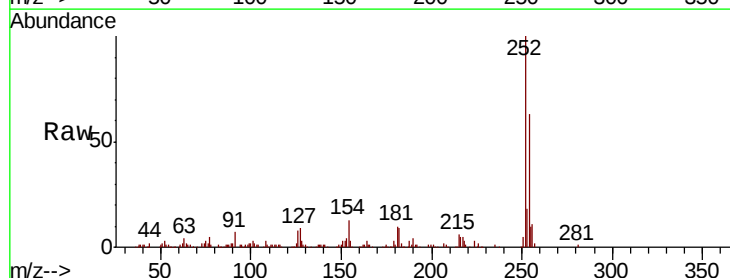
Tgt Ion:252 Resp: 134193

Ion Ratio Lower Upper

252 100

254 62.9 52.0 78.0

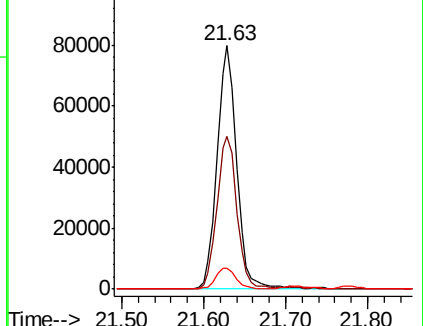
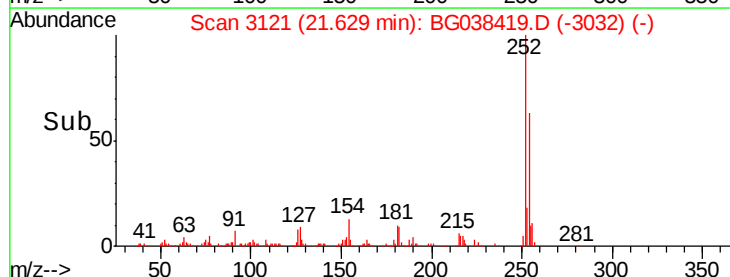
126 8.4 8.2 12.4

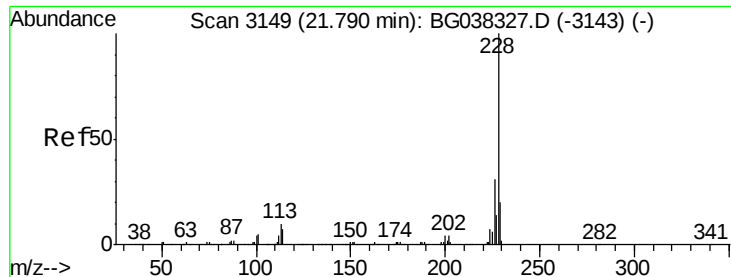


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

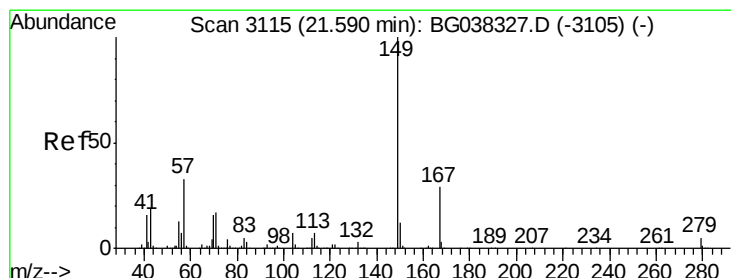
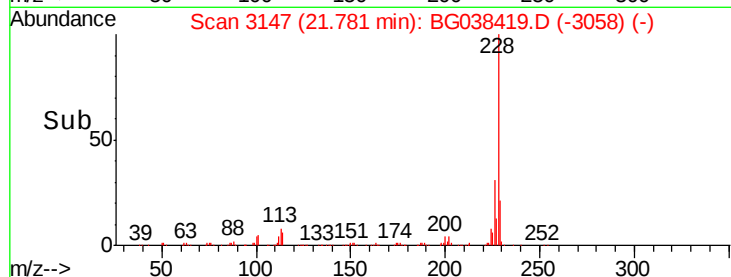
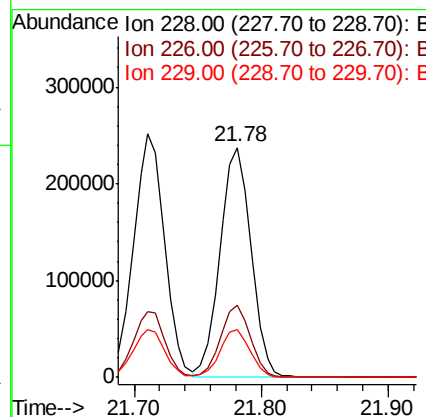
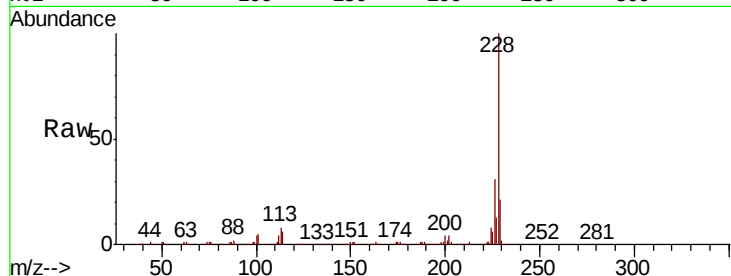




#83
Chrysene
Concen: 36.426 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

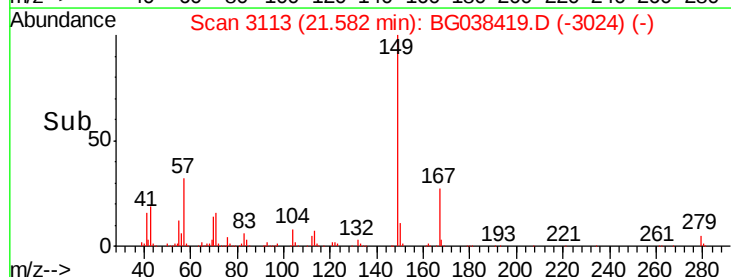
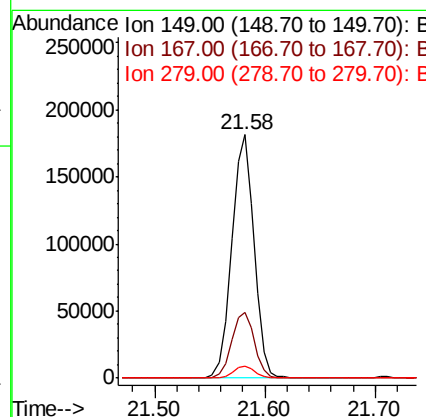
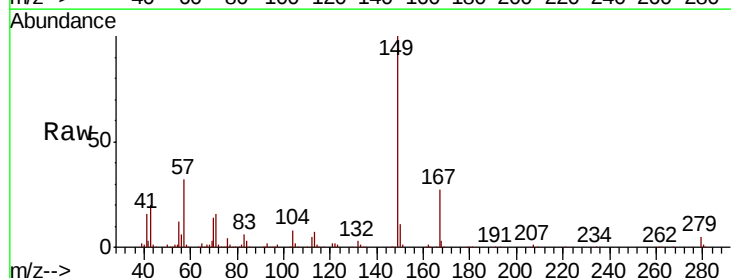
Instrument :
BNA_G
ClientSampleId :
PB115249BS

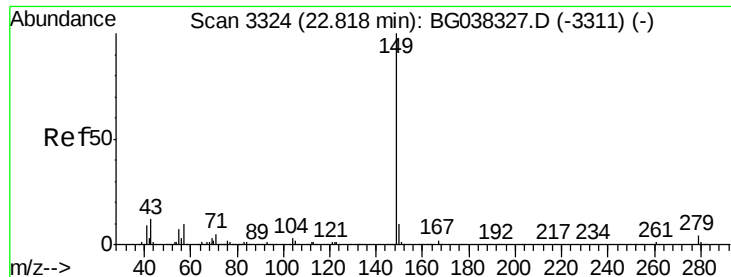
Tgt Ion: 228 Resp: 403588
Ion Ratio Lower Upper
228 100
226 31.1 25.7 38.5
229 20.8 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.693 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion: 149 Resp: 256016
Ion Ratio Lower Upper
149 100
167 27.1 23.0 34.4
279 5.0 3.6 5.4

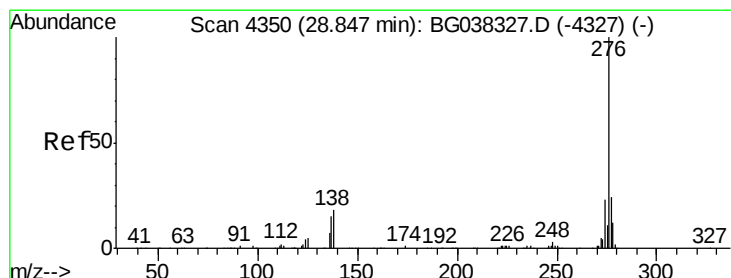
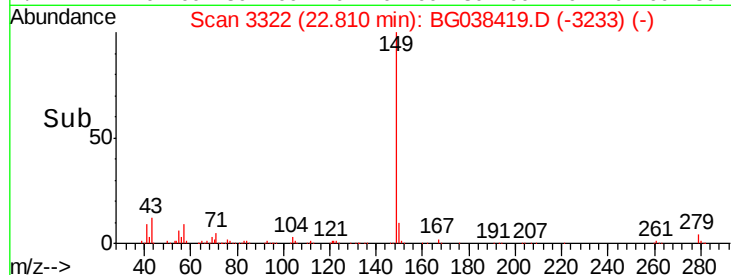
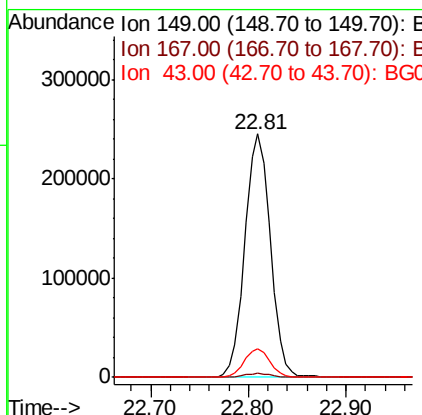
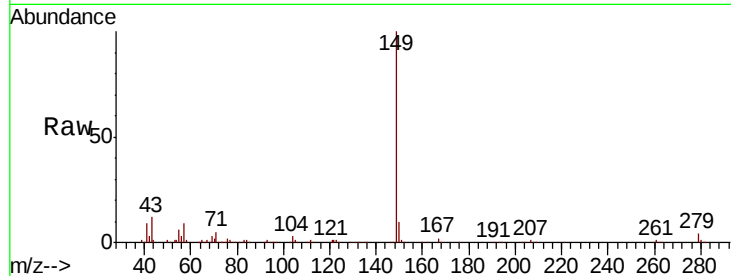




#85
Di-n-octyl phthalate
Concen: 34.565 ng
RT: 22.81 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

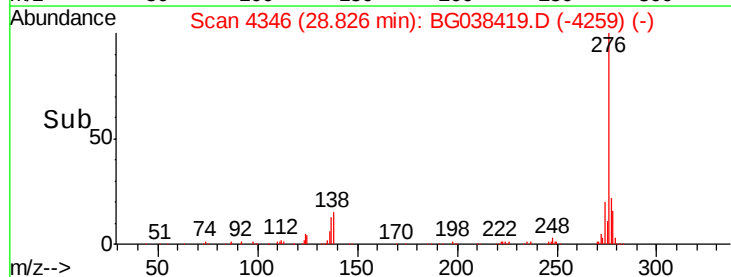
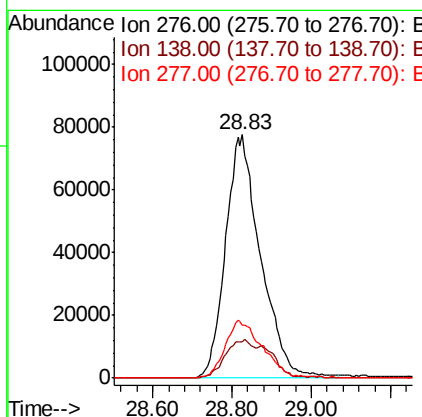
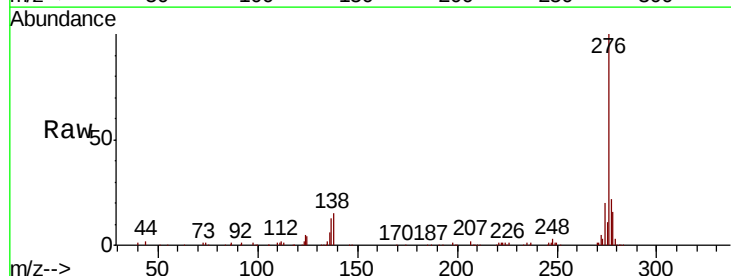
Instrument :
BNA_G
ClientSampleId :
PB115249BS

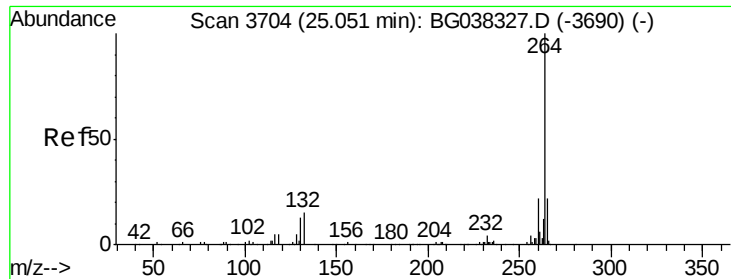
Tgt Ion:149 Resp: 450344
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.869 ng
RT: 28.83 min Scan# 4346
Delta R.T. -0.02 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion:276 Resp: 476846
Ion Ratio Lower Upper
276 100
138 12.8 12.0 18.0
277 24.7 20.6 30.8

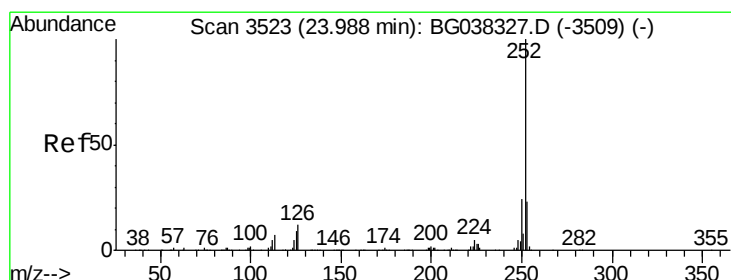
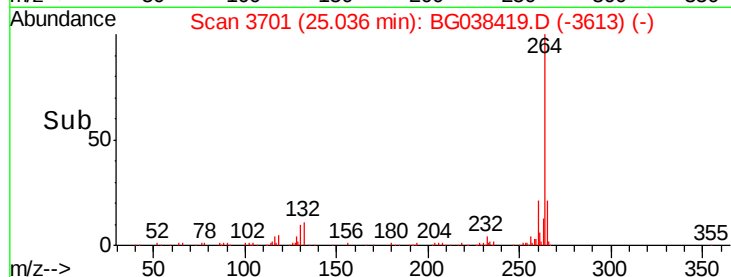
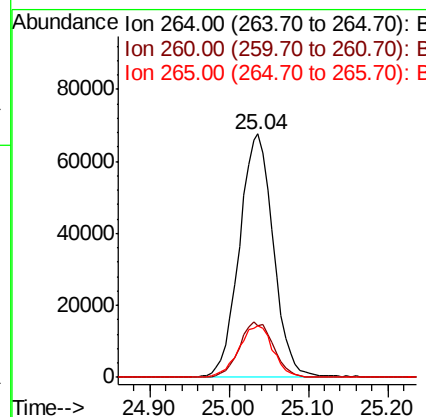
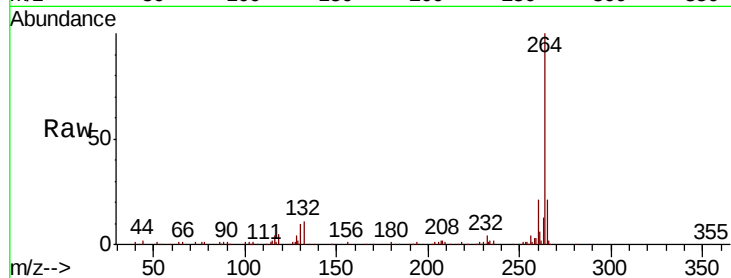




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

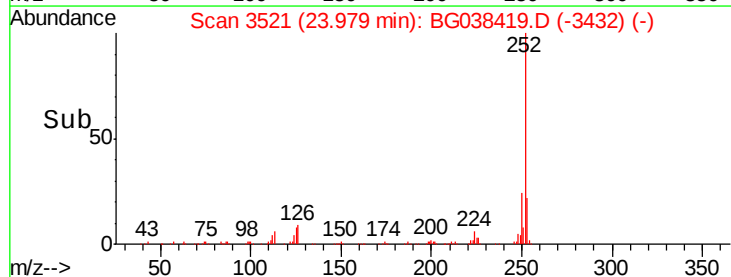
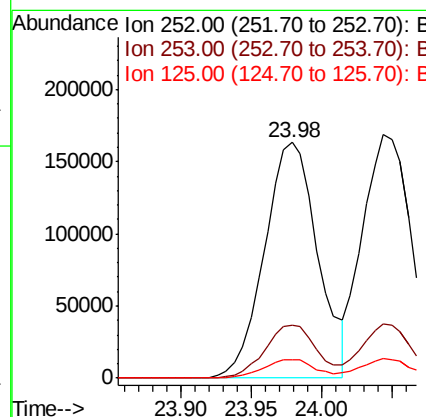
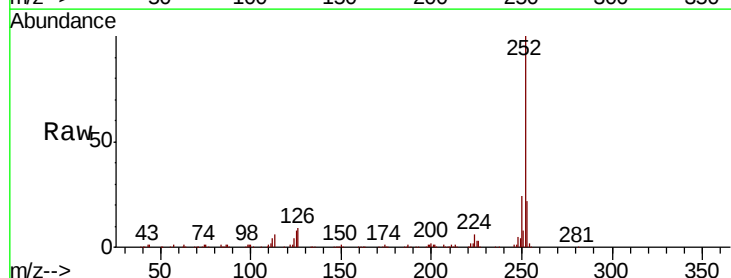
Instrument :
BNA_G
ClientSampleId :
PB115249BS

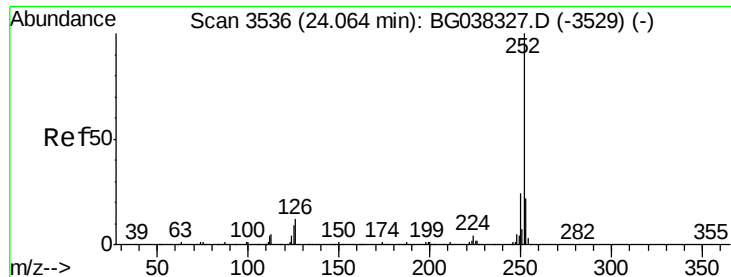
Tgt Ion:264 Resp: 200579
Ion Ratio Lower Upper
264 100
260 21.4 18.2 27.4
265 21.3 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 37.982 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG038419.D
Acq: 8 Dec 2018 1:22

Tgt Ion:252 Resp: 430469
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 7.9 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 36.170 ng

RT: 24.04 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

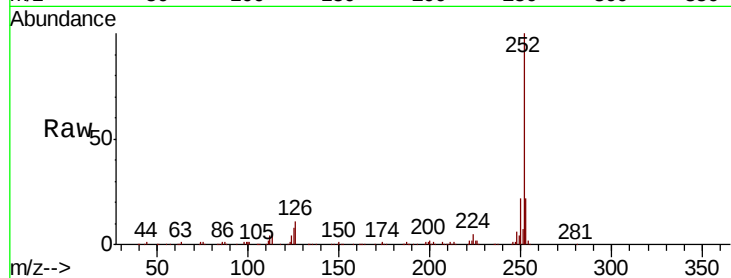
Tgt Ion:252 Resp: 408275

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

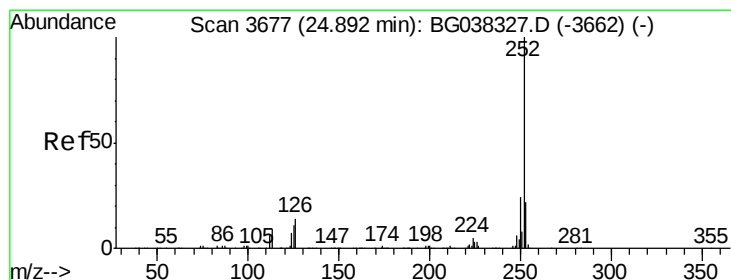
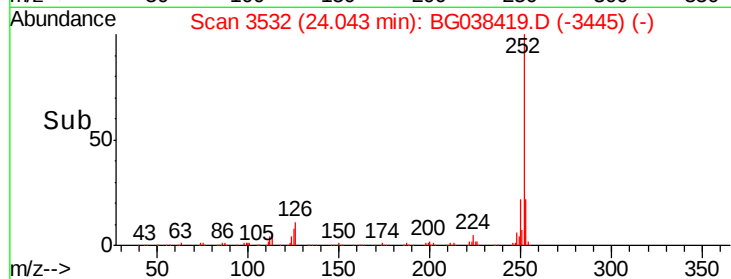
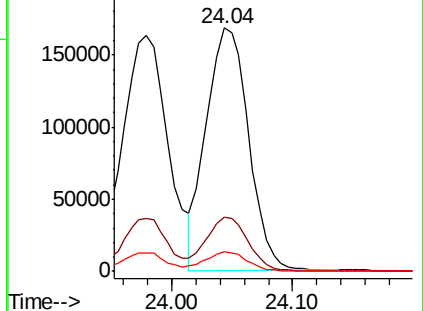
125 7.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.775 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

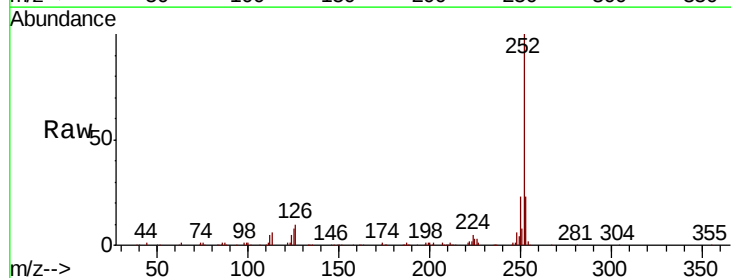
Tgt Ion:252 Resp: 415270

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

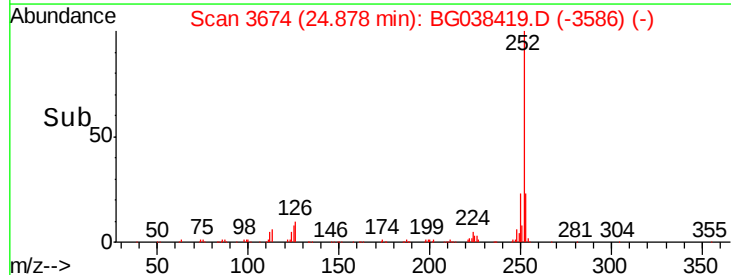
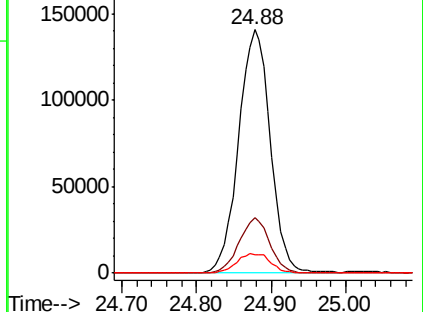
125 7.6 9.0 13.6#

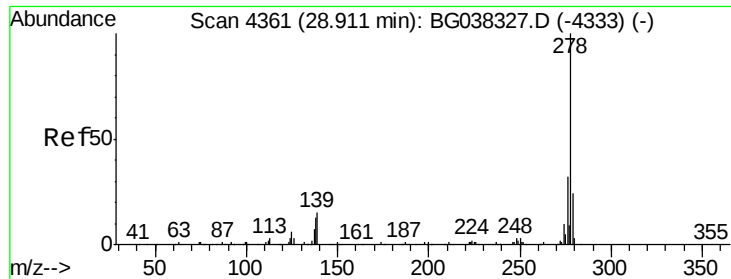


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.578 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

Instrument :

BNA_G

ClientSampleId :

PB115249BS

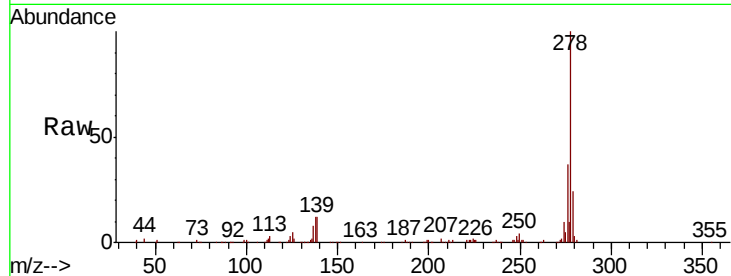
Tgt Ion:278 Resp: 391809

Ion Ratio Lower Upper

278 100

139 12.1 11.5 17.3

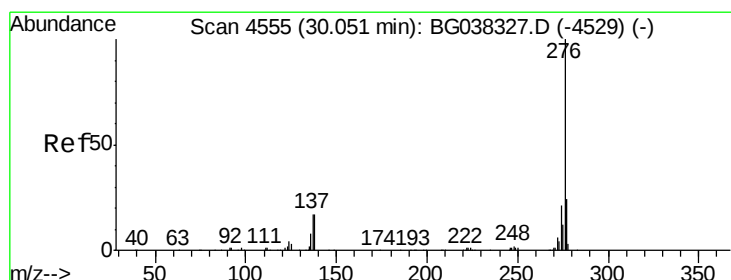
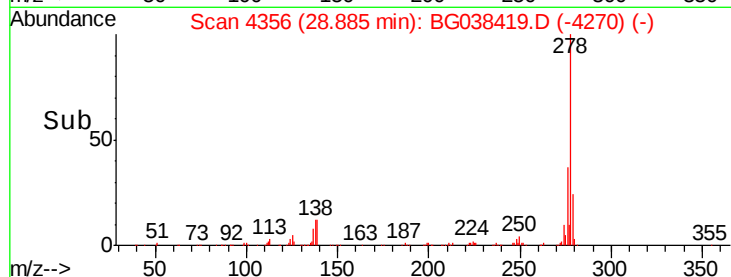
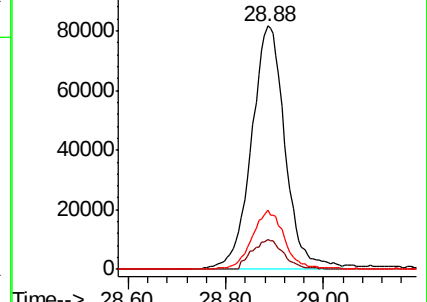
279 24.2 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.583 ng

RT: 30.02 min Scan# 4549

Delta R.T. -0.03 min

Lab File: BG038419.D

Acq: 8 Dec 2018 1:22

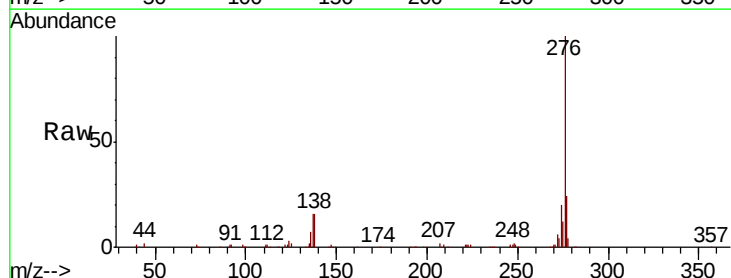
Tgt Ion:276 Resp: 399122

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 16.3 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

