

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038437.D
 Acq On : 10 Dec 2018 11:21
 Operator : JU/SJ
 Sample : PB115249BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 13:25:03 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	27871	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119167	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79751	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	207697	20.00	ng	0.00
76) Chrysene-d12	21.74	240	200703	20.00	ng	0.00
87) Perylene-d12	25.04	264	204290	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	179887	114.22	ng	0.00
7) Phenol-d6	7.22	99	247509	108.73	ng	0.00
23) Nitrobenzene-d5	9.25	82	158062	65.85	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114448	116.90	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	378140	67.56	ng	0.00
79) Terphenyl-d14	20.06	244	687206	73.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	18430	25.532	ng	# 91
3) Pyridine	3.90	79	74094	34.311	ng	93
4) n-Nitrosodimethylamine	3.82	42	39406	41.658	ng	89
6) Aniline	7.39	93	68170	23.447	ng	98
8) 2-Chlorophenol	7.63	128	68798	37.613	ng	98
9) Benzaldehyde	7.21	77	38607	26.784	ng	97
10) Phenol	7.25	94	88020	36.597	ng	91
11) bis(2-Chloroethyl)ether	7.49	93	61692	31.320	ng	95
12) 1,3-Dichlorobenzene	7.95	146	67059	31.368	ng	97
13) 1,4-Dichlorobenzene	8.11	146	68975	31.183	ng	98
14) 1,2-Dichlorobenzene	8.42	146	65830	30.370	ng	94
15) Benzyl Alcohol	8.31	79	58945	31.497	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	137547	30.700	ng	97
17) 2-Methylphenol	8.50	107	60549	35.260	ng	96
18) Hexachloroethane	9.15	117	25102	31.443	ng	92
19) n-Nitroso-di-n-propylamine	8.88	70	52412	31.031	ng	91
20) 3+4-Methylphenols	8.83	107	81479	33.627	ng	95
22) Acetophenone	8.90	105	100866	34.722	ng	# 97
24) Nitrobenzene	9.29	77	81999	33.625	ng	100
25) Isophorone	9.80	82	147927	35.069	ng	# 96
26) 2-Nitrophenol	10.00	139	38204	33.811	ng	90
27) 2,4-Dimethylphenol	10.04	122	68906	42.458	ng	95
28) bis(2-Chloroethoxy)methane	10.29	93	87586	36.221	ng	98
29) 2,4-Dichlorophenol	10.53	162	72540	39.156	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	73858	33.962	ng	98
31) Naphthalene	10.94	128	210532	36.985	ng	99
32) Benzoic acid	10.18	122	29397	27.743	ng	99
33) 4-Chloroaniline	11.06	127	21994	8.728	ng	99
34) Hexachlorobutadiene	11.20	225	46224	33.975	ng	95
35) Caprolactam	11.84	113	27560	35.974	ng	# 84
36) 4-Chloro-3-methylphenol	12.16	107	81578	39.632	ng	95
37) 2-Methylnaphthalene	12.54	142	156597	38.630	ng	98
38) 1-Methylnaphthalene	12.76	142	150730	38.822	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	89432	32.589	ng	99

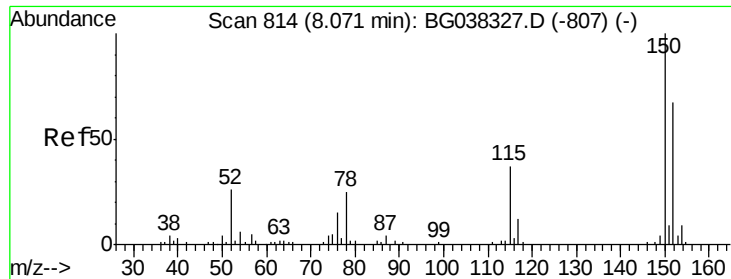
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038437.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	108385	71.870	nq	97
43) 2,4,6-Trichlorophenol	13.14	196	64344	36.196	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	70087	37.216	nq	96
46) 1,1'-Biphenyl	13.54	154	207769	30.821	nq	99
47) 2-Chloronaphthalene	13.59	162	167488	32.925	nq	98
48) 2-Nitroaniline	13.80	65	60816	35.635	nq	96
49) Acenaphthylene	14.43	152	281406	36.731	nq	97
50) Dimethylphthalate	14.16	163	229678	35.906	nq	99
51) 2,6-Dinitrotoluene	14.29	165	52555	35.967	nq	92
52) Acenaphthene	14.77	154	160597	34.385	nq	98
53) 3-Nitroaniline	14.62	138	34269	21.776	nq	# 92
54) 2,4-Dinitrophenol	14.83	184	63975	79.870	nq	87
55) Dibenzofuran	15.10	168	273945	35.479	nq	99
56) 4-Nitrophenol	14.92	139	88619	71.287	nq	# 84
57) 2,4-Dinitrotoluene	15.07	165	77172	38.292	nq	95
58) Fluorene	15.76	166	221093	38.866	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	65050	39.771	nq	# 98
60) Diethylphthalate	15.51	149	244213	34.460	nq	100
61) 4-Chlorophenyl-phenylether	15.74	204	119345	34.928	nq	99
62) 4-Nitroaniline	15.78	138	57651	37.246	nq	89
63) Azobenzene	16.03	77	214866	34.644	nq	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	47498	34.903	nq	94
66) n-Nitrosodiphenylamine	15.96	169	206923	35.429	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	82191	36.645	nq	99
68) Hexachlorobenzene	16.75	284	84699	36.611	nq	97
69) Atrazine	16.90	200	85647	39.299	nq	97
70) Pentachlorophenol	17.09	266	98039	61.870	nq	96
71) Phenanthrene	17.49	178	395214	37.996	nq	99
72) Anthracene	17.59	178	403104	40.019	nq	99
73) Carbazole	17.86	167	367246	36.735	nq	98
74) Di-n-butylphthalate	18.39	149	442971	37.928	nq	98
75) Fluoranthene	19.50	202	491386	40.435	nq	97
77) Benzidine	19.69	184	133691	19.740	nq	98
78) Pyrene	19.87	202	486677	34.657	nq	97
80) Butylbenzylphthalate	20.73	149	191606	33.924	nq	99
81) Benzo(a)anthracene	21.72	228	454247	36.825	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	107483	22.399	nq	99
83) Chrysene	21.78	228	426026	36.496	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	273313	34.141	nq	99
85) Di-n-octyl phthalate	22.81	149	460537	33.550	nq	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	510122	38.453	nq	# 95
88) Benzo(b)fluoranthene	24.05	252	434994	37.684	nq	98
89) Benzo(k)fluoranthene	24.05	252	434994	37.837	nq	98
90) Benzo(a)pyrene	24.89	252	429106	38.325	nq	98
91) Dibenzo(a,h)anthracene	28.89	278	421864	39.726	nq	97
92) Benzo(g,h,i)perylene	30.03	276	564696	53.597	nq	98

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

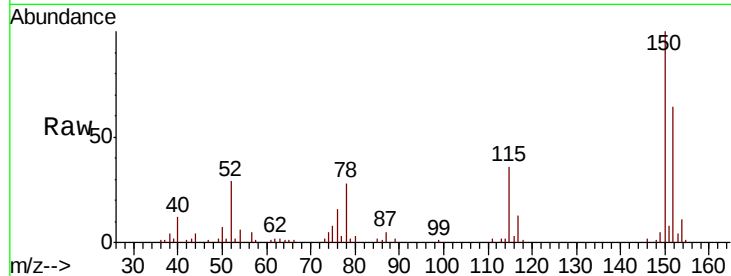


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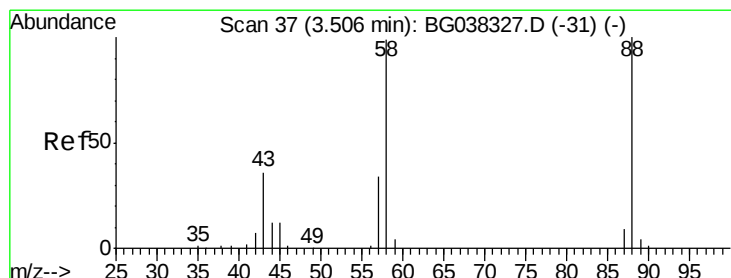
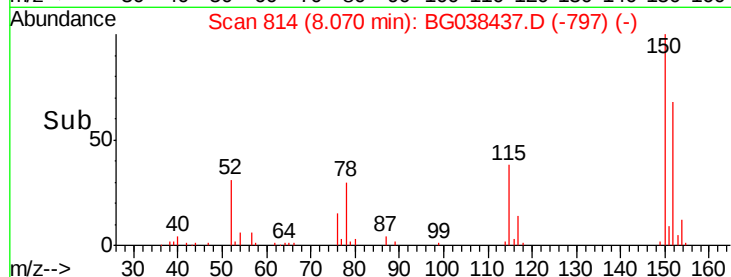
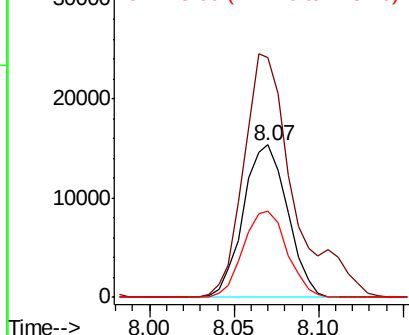
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27871
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 56.3 45.5 68.3



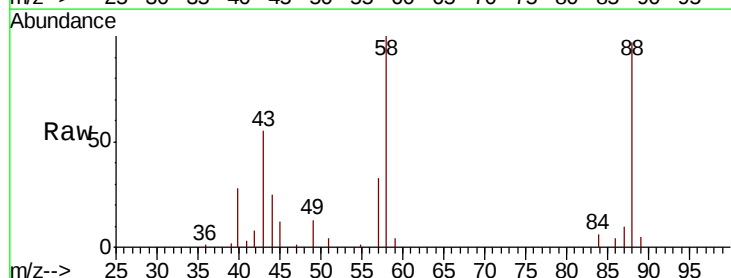
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



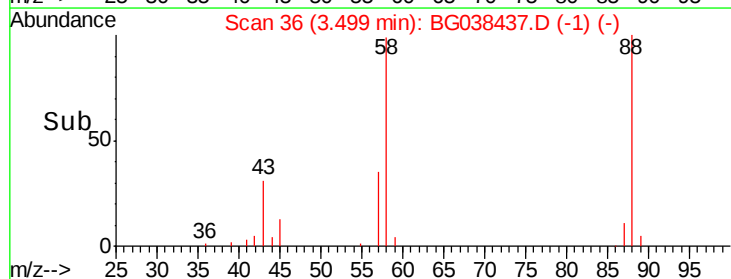
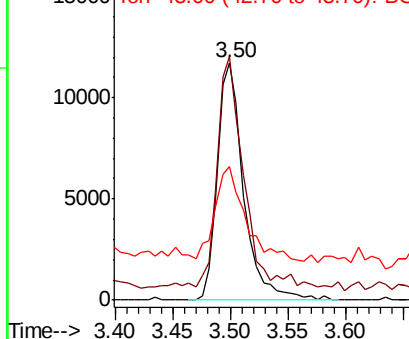
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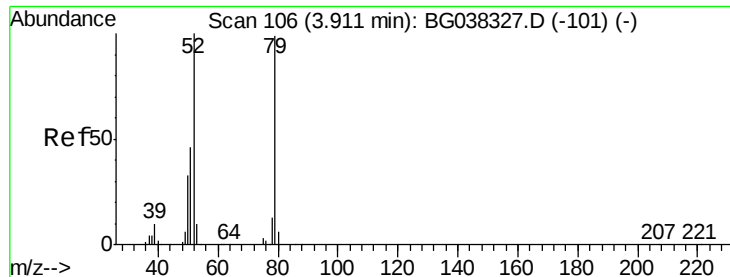
1,4-Dioxane
Concen: 25.532 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion: 88 Resp: 18430
Ion Ratio Lower Upper
88 100
58 96.2 74.4 111.6
43 46.6 25.8 38.8#



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





#3

Pvridine

Concen: 34.311 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

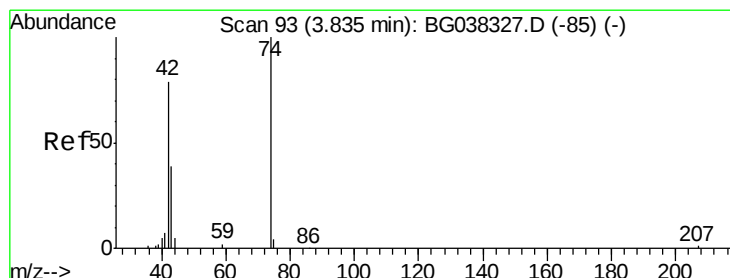
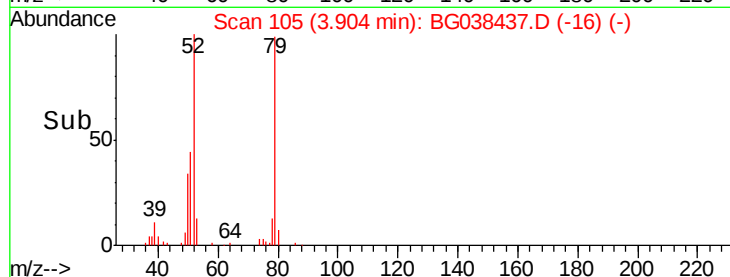
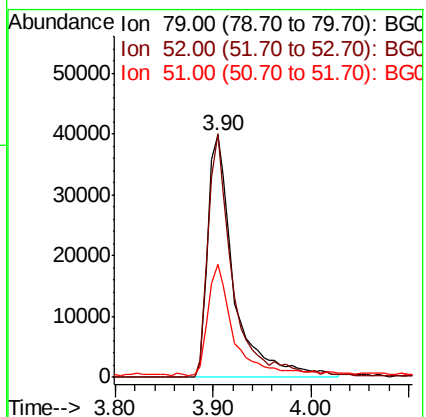
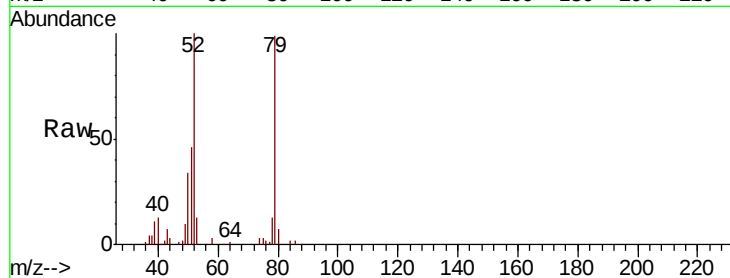
Tot Ion: 79 Resp: 74094

Ion Ratio Lower Upper

79 100

52 100.5 74.2 111.2

51 46.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.658 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

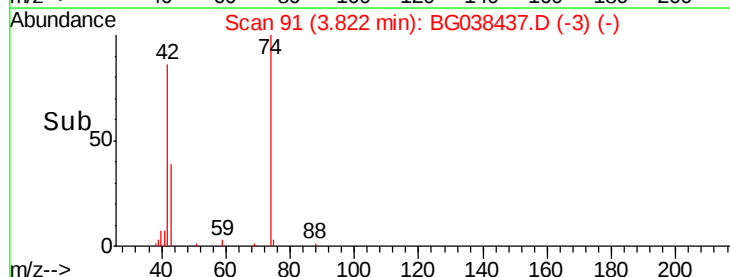
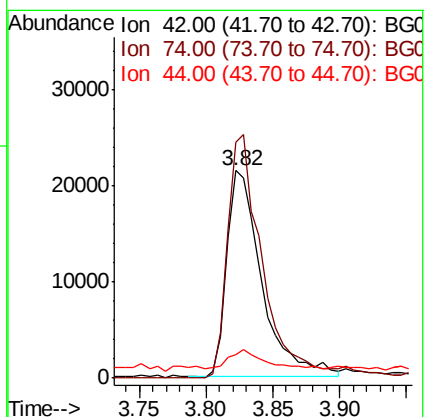
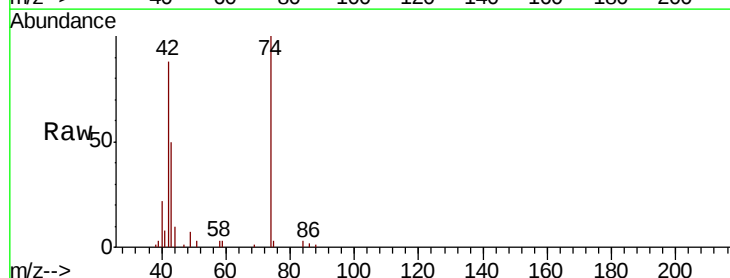
Tgt Ion: 42 Resp: 39406

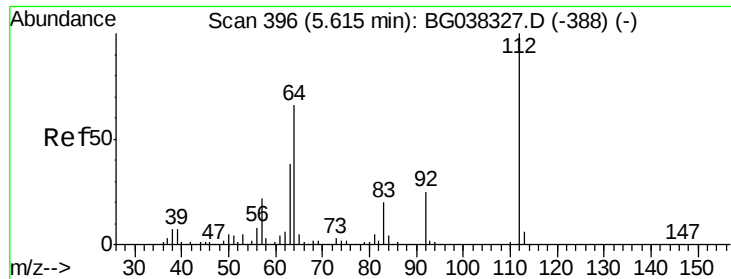
Ion Ratio Lower Upper

42 100

74 113.8 102.0 153.0

44 11.2 9.6 14.4





#5

2-Fluorophenol

Concen: 114.218 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

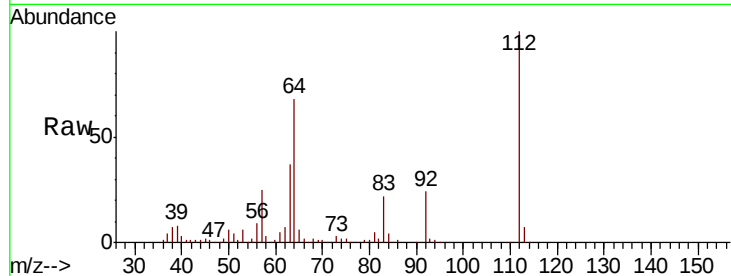
Tot Ion:112 Resp: 179887

Ion Ratio Lower Upper

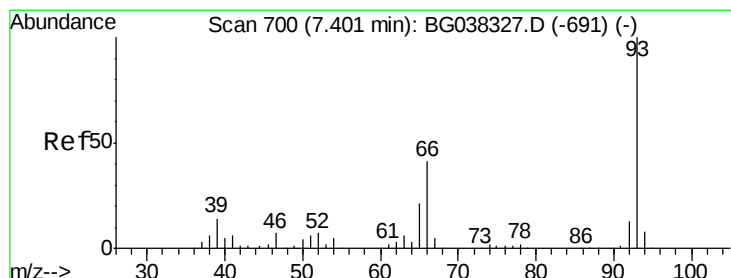
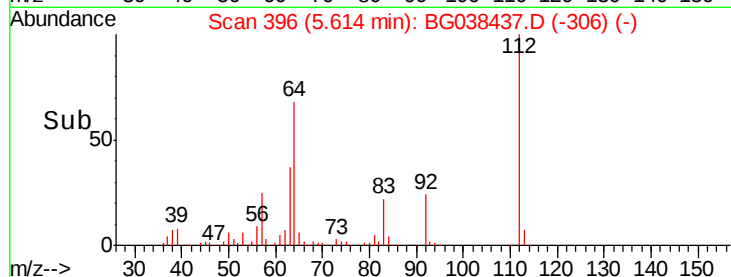
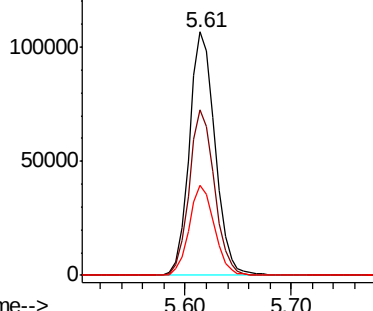
112 100

64 67.8 53.1 79.7

63 37.0 27.3 40.9



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



#6

Aniline

Concen: 23.447 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

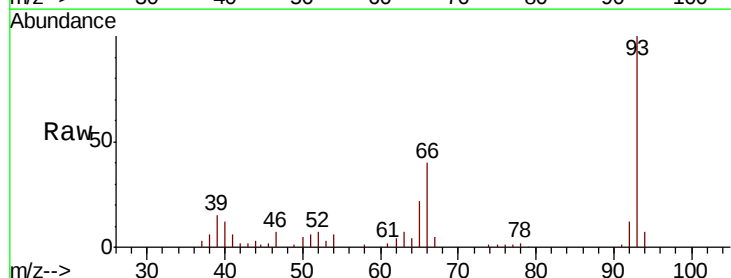
Tgt Ion: 93 Resp: 68170

Ion Ratio Lower Upper

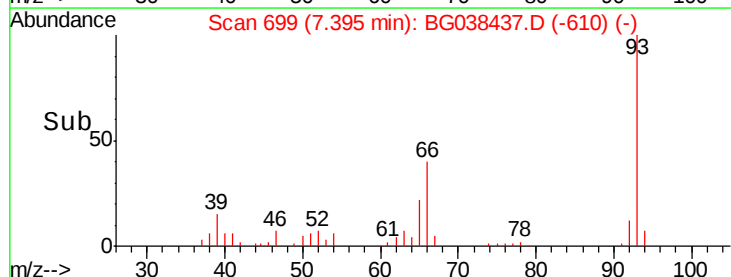
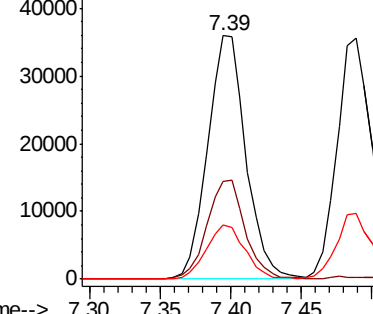
93 100

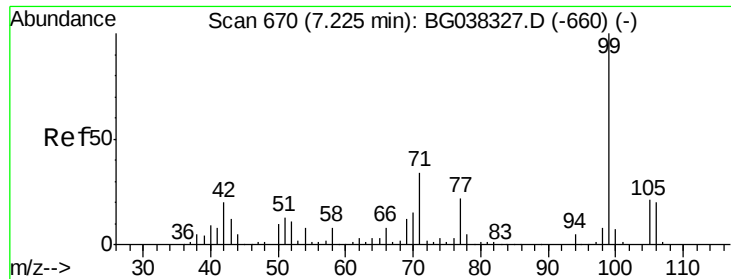
66 40.0 32.8 49.2

65 22.3 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: 108.732 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

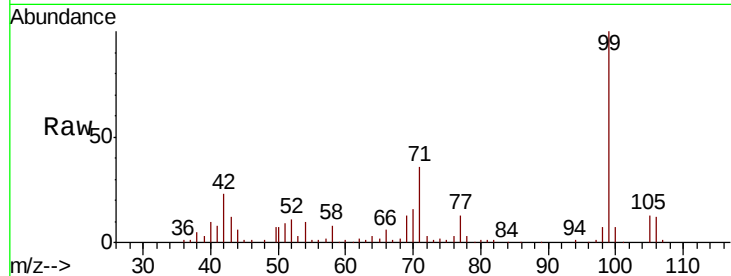
Tot Ion: 99 Resp: 247509

Ion Ratio Lower Upper

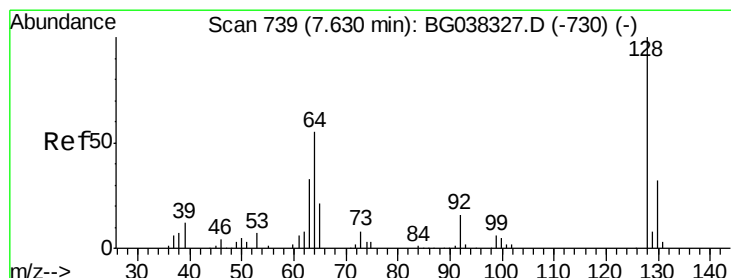
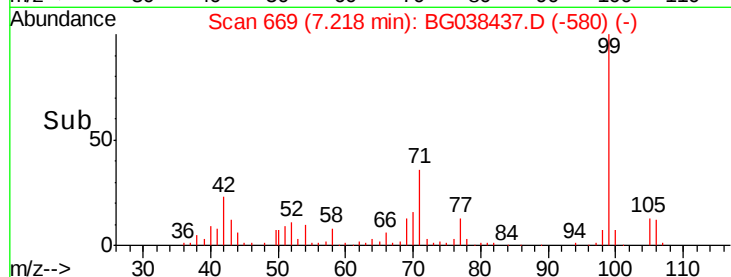
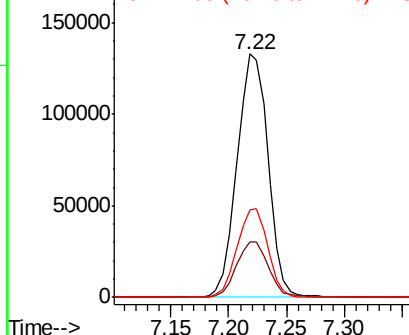
99 100

42 22.8 15.0 22.4#

71 35.9 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: 37.613 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

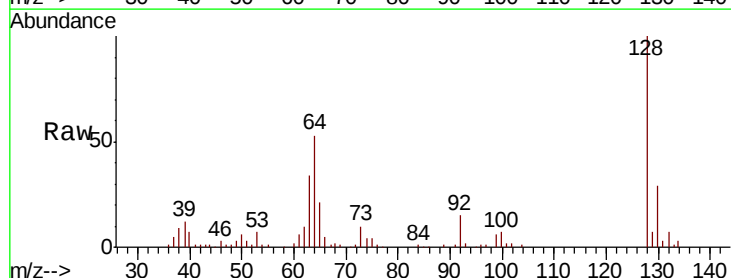
Tgt Ion:128 Resp: 68798

Ion Ratio Lower Upper

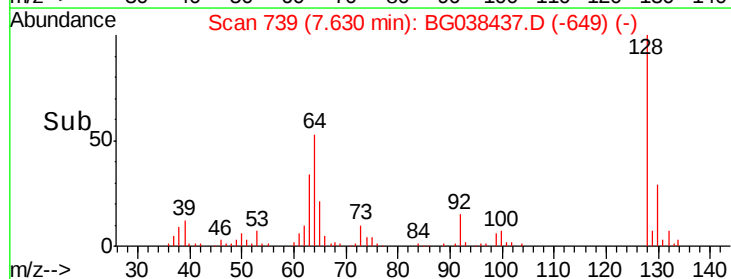
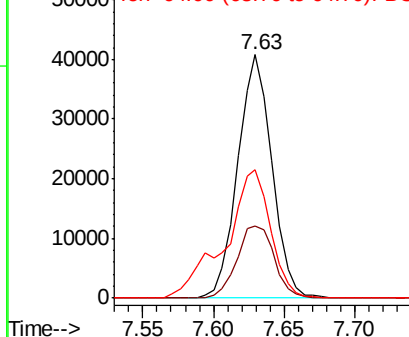
128 100

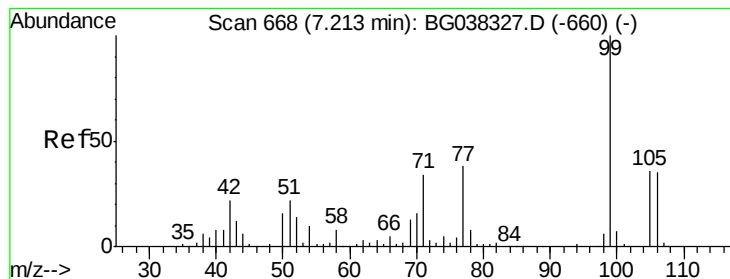
130 29.5 12.0 52.0

64 52.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 26.784 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampled :

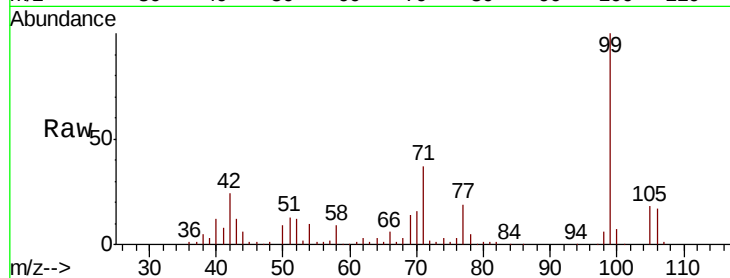
Tot Ion: 77 Resp: 38607

Ion Ratio Lower Upper

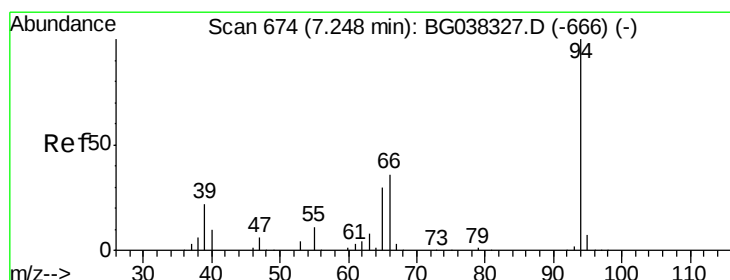
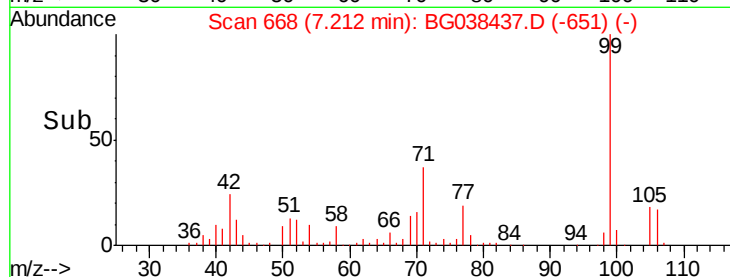
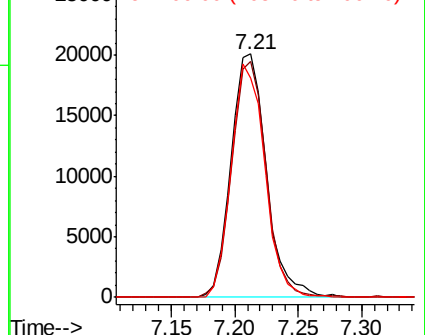
77 100

105 96.9 72.6 112.6

106 90.2 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: 36.597 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

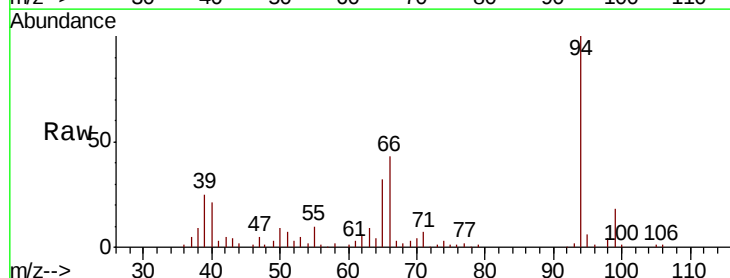
Tgt Ion: 94 Resp: 88020

Ion Ratio Lower Upper

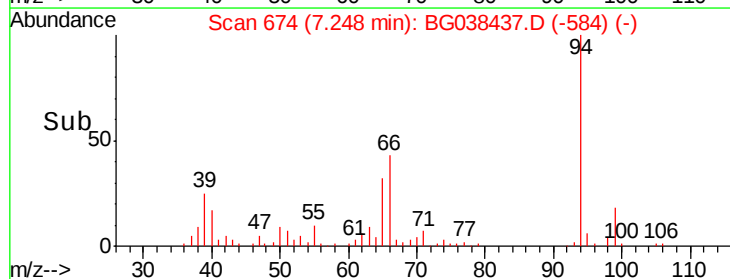
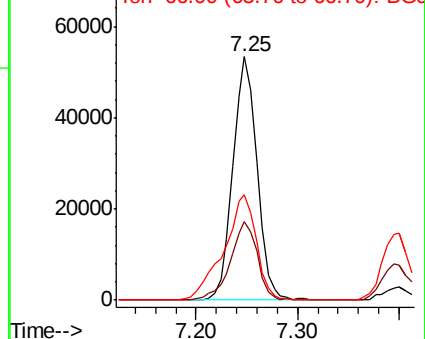
94 100

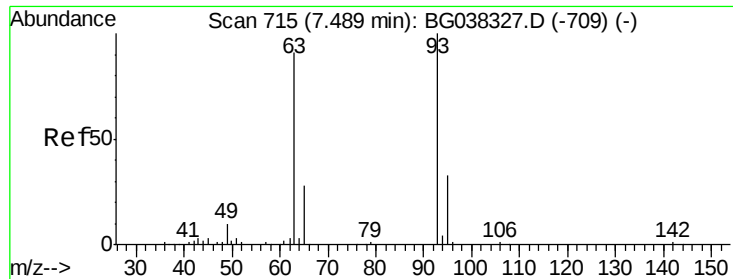
65 32.1 9.7 49.7

66 43.3 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: 31.320 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

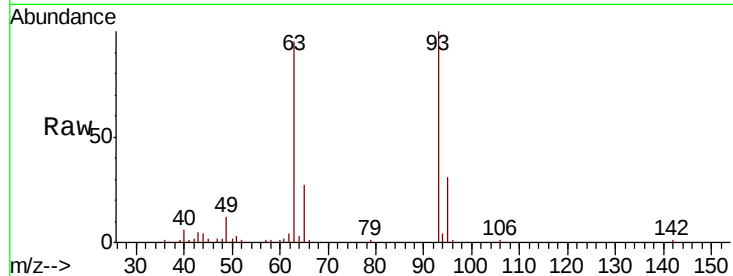
Tot Ion: 93 Resp: 61692

Ion Ratio Lower Upper

93 100

63 94.9 69.5 109.5

95 31.4 12.6 52.6

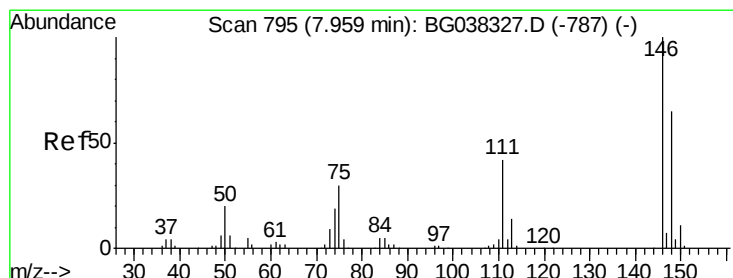
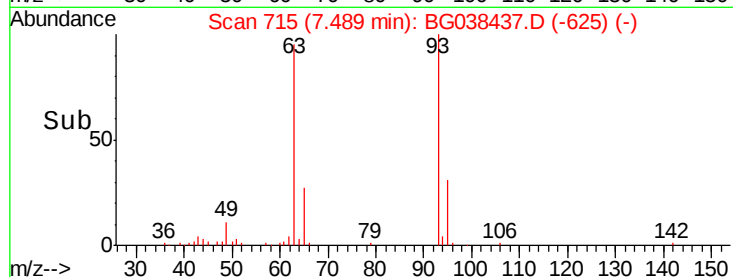
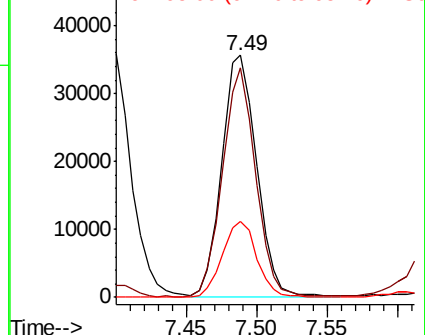


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 31.368 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

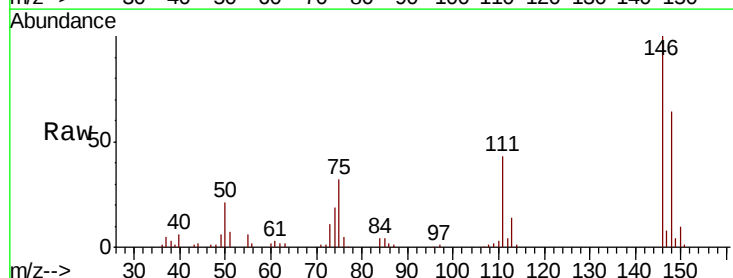
Tgt Ion: 146 Resp: 67059

Ion Ratio Lower Upper

146 100

148 63.6 49.8 74.8

75 32.1 23.2 34.8

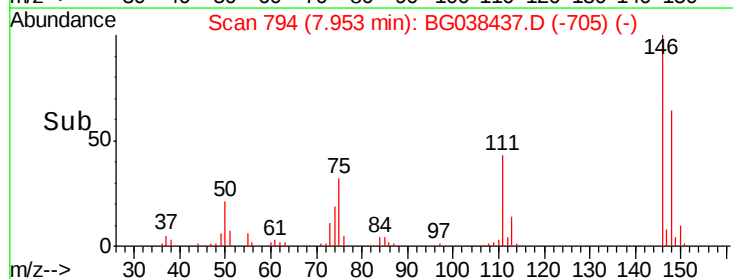
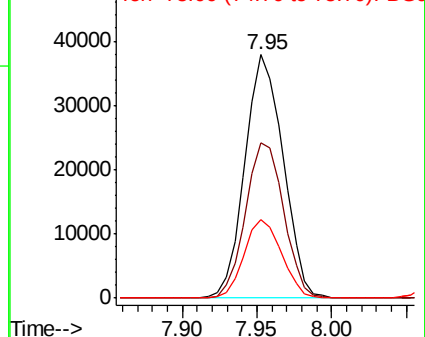


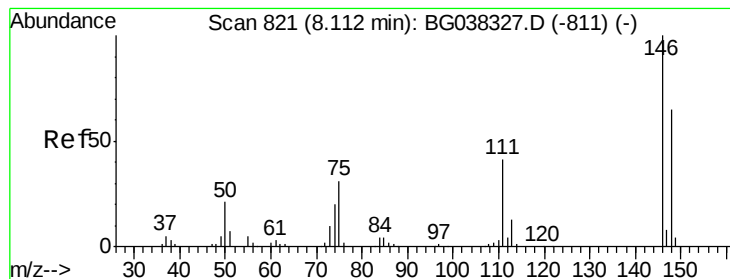
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 31.183 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampled :

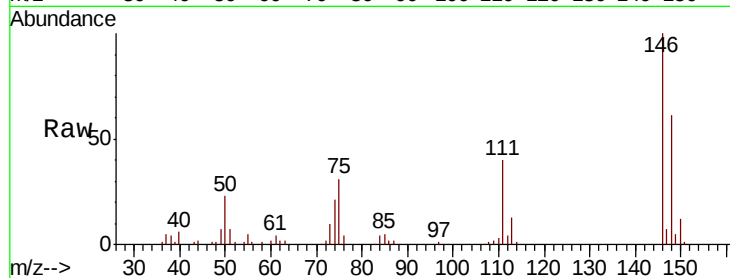
Tot Ion:146 Resp: 68975

Ion Ratio Lower Upper

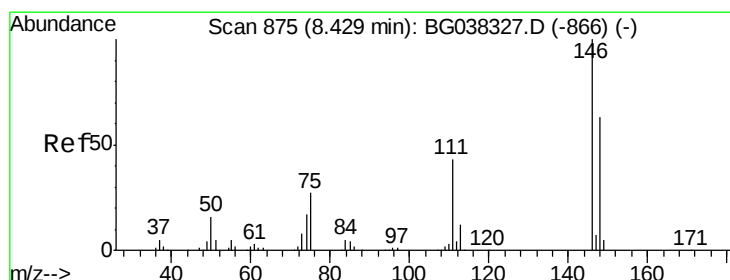
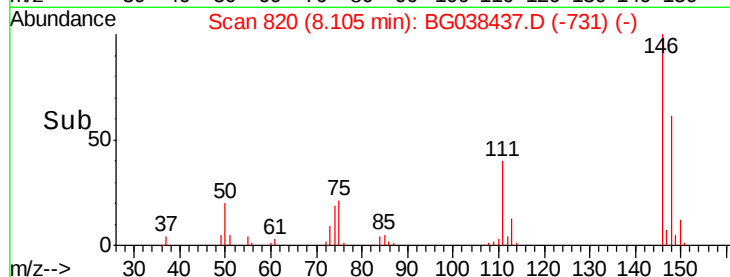
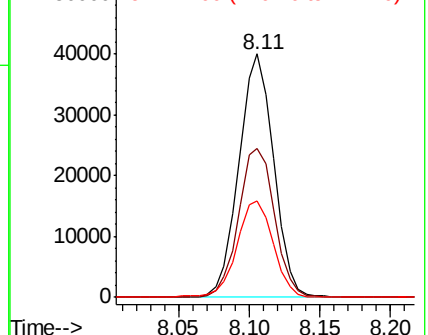
146 100

148 61.4 51.0 76.6

111 39.8 32.4 48.6



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



#14

1,2-Dichlorobenzene

Concen: 30.370 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

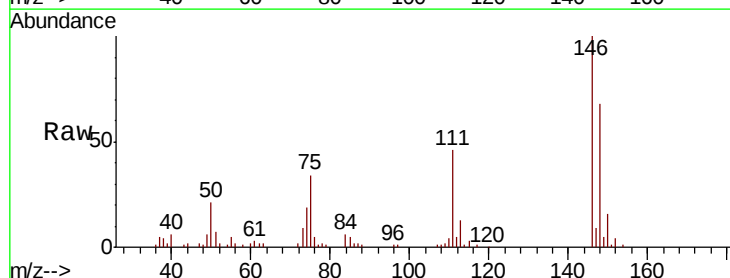
Tgt Ion:146 Resp: 65830

Ion Ratio Lower Upper

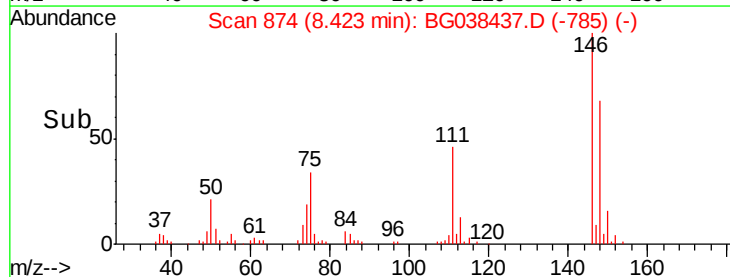
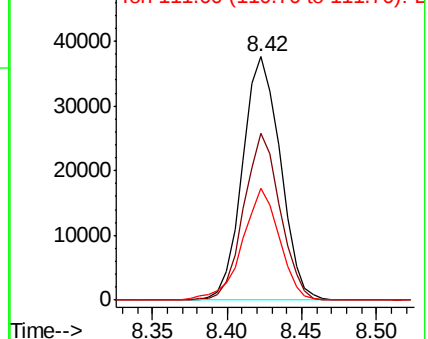
146 100

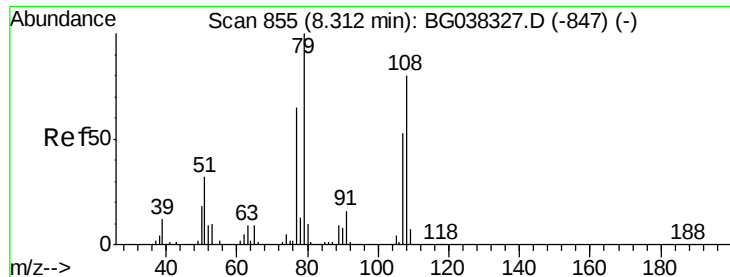
148 68.4 50.4 75.6

111 45.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 31.497 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

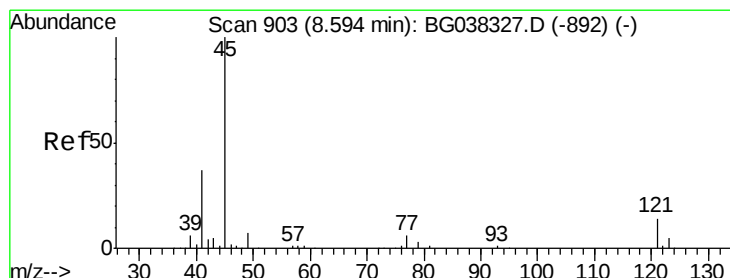
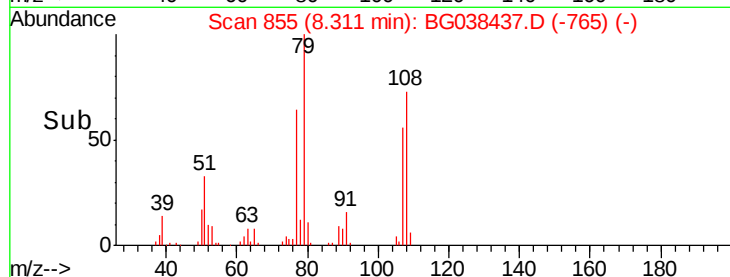
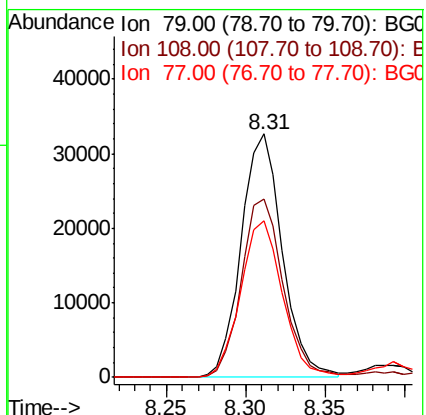
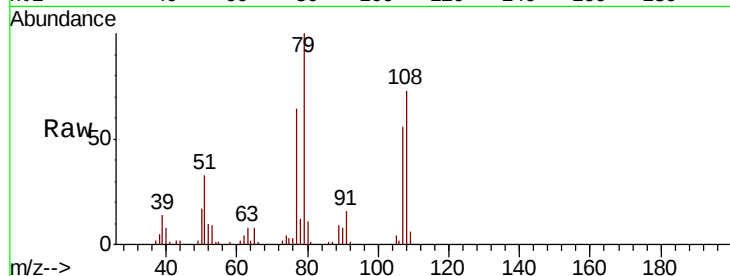
Tot Ion: 79 Resp: 58945

Ion Ratio Lower Upper

79 100

108 73.3 65.8 98.8

77 64.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.700 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

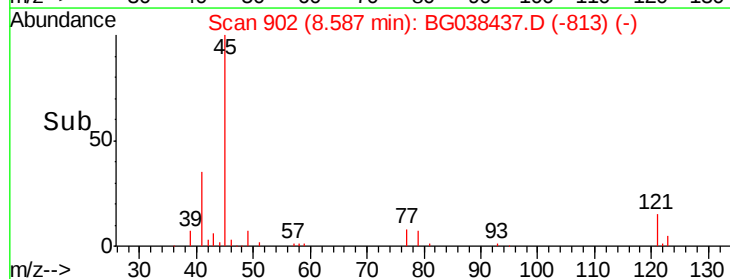
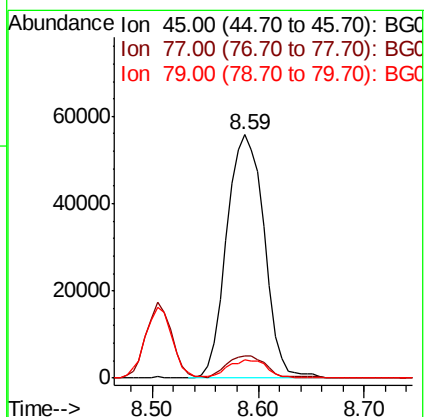
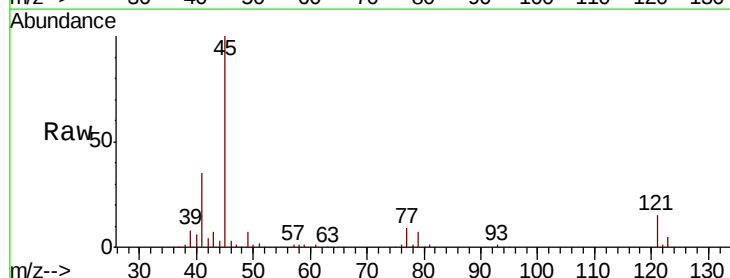
Tgt Ion: 45 Resp: 137547

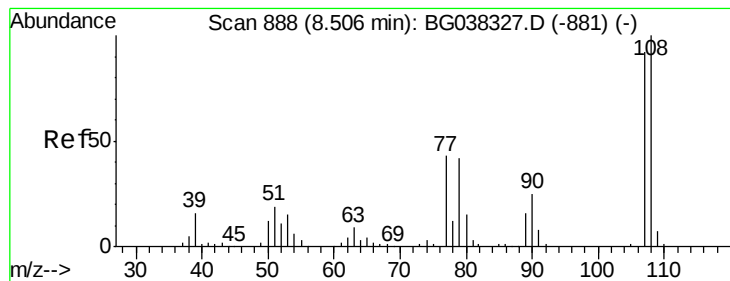
Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

79 7.4 0.0 29.0





#17

2-Methylphenol

Concen: 35.260 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 60549

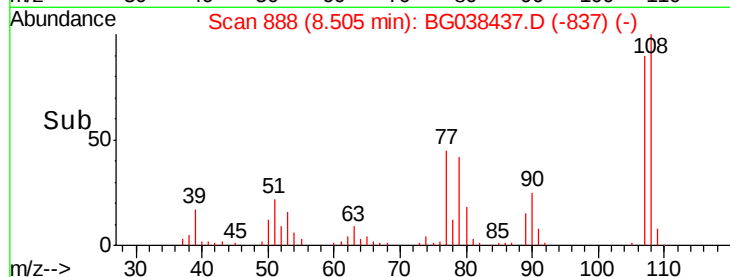
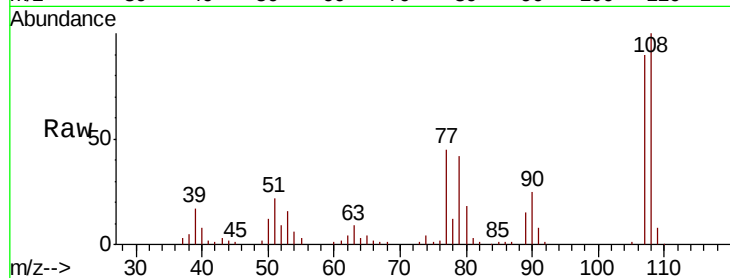
Ion Ratio Lower Upper

107 100

108 110.8 87.9 131.9

77 50.1 35.1 52.7

79 46.9 34.5 51.7

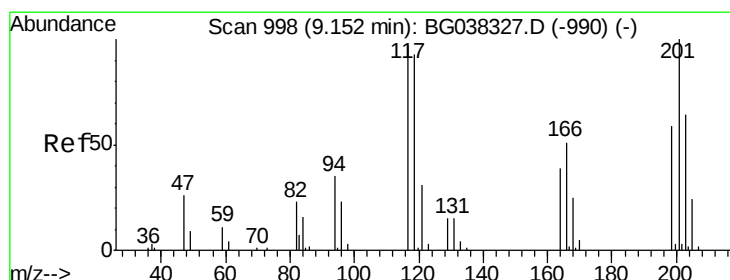
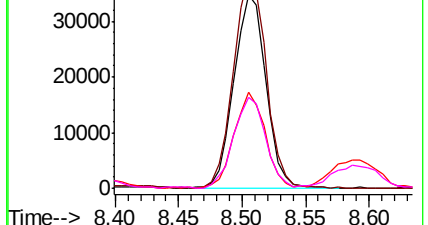


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 31.443 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

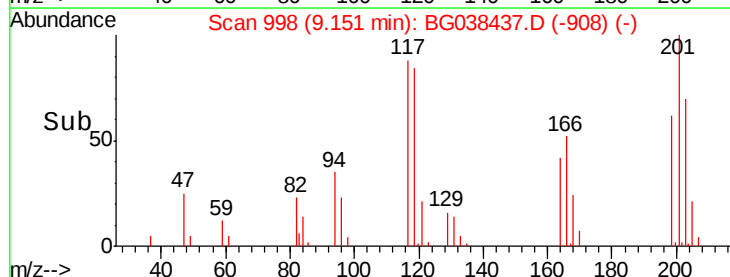
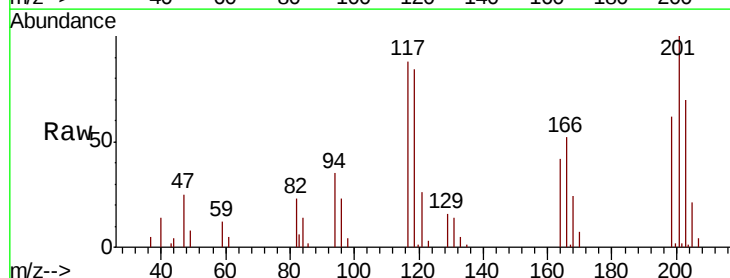
Tgt Ion:117 Resp: 25102

Ion Ratio Lower Upper

117 100

119 95.6 74.6 111.8

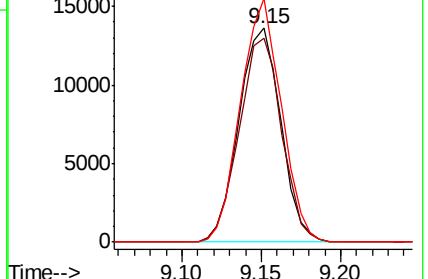
201 114.0 80.8 121.2

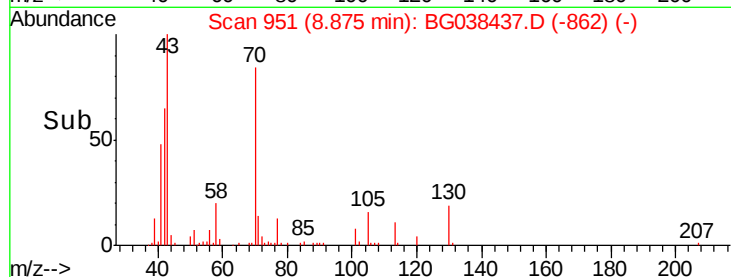
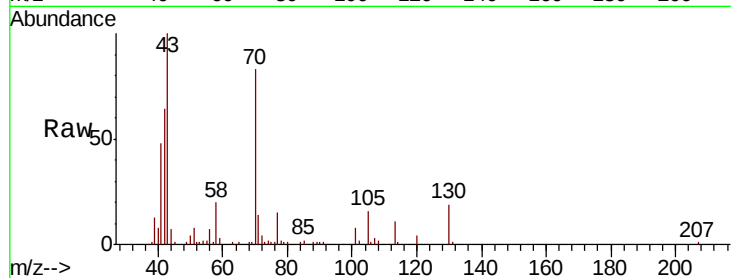
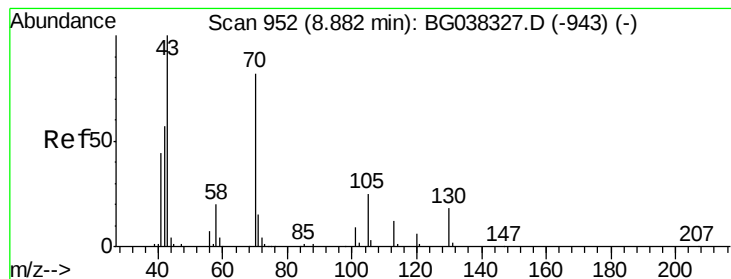


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.031 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 52412

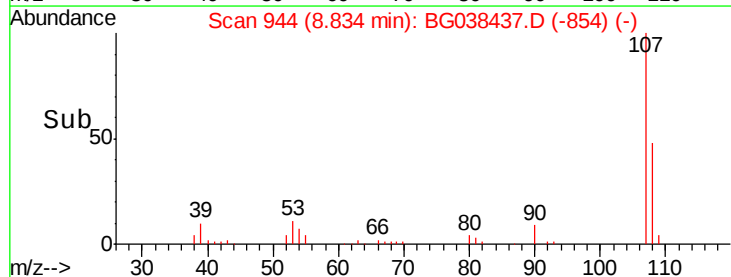
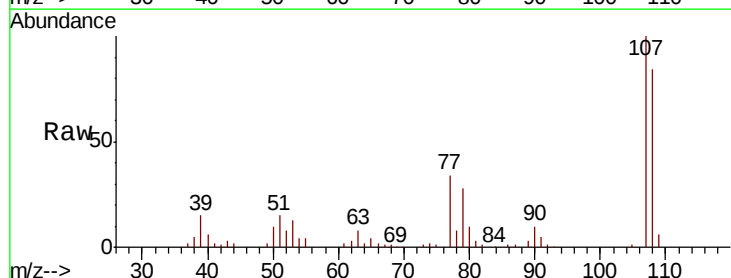
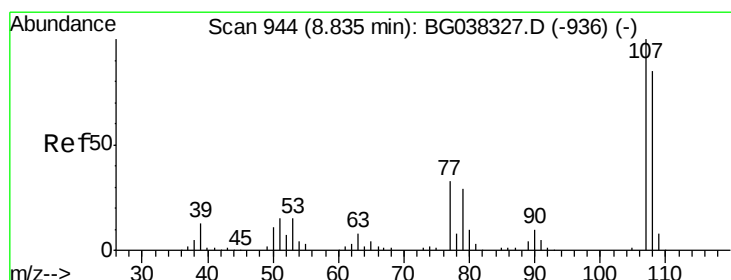
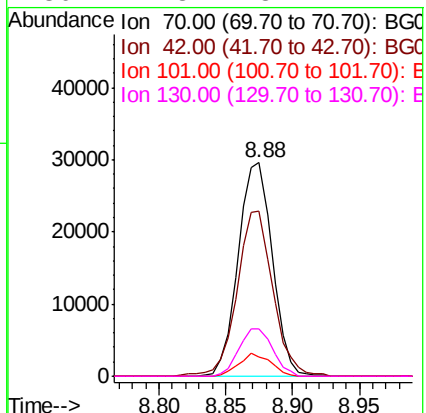
Ion Ratio Lower Upper

70 100

42 77.4 53.9 80.9

101 9.0 8.2 12.2

130 22.3 18.2 27.4



#20

3+4-Methylphenols

Concen: 33.627 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:107 Resp: 81479

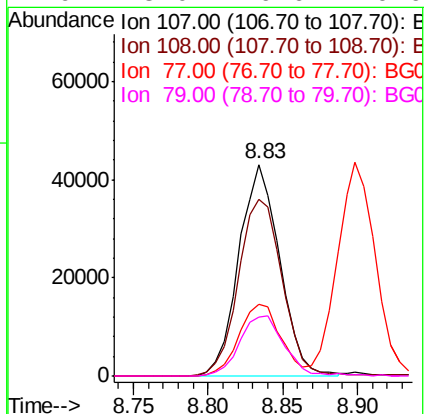
Ion Ratio Lower Upper

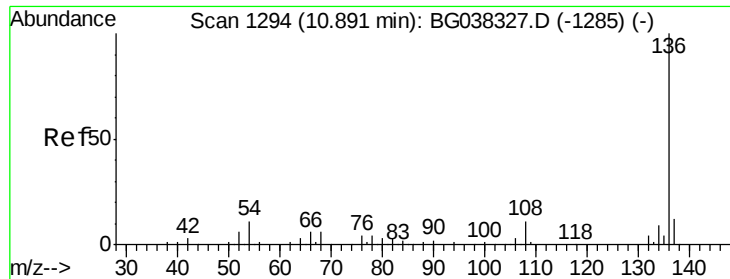
107 100

108 83.9 69.9 109.9

77 34.1 11.2 51.2

79 28.0 6.6 46.6

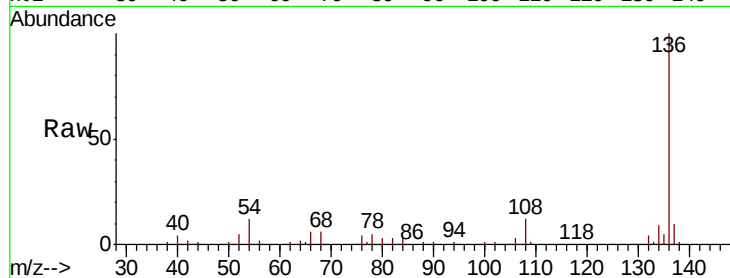




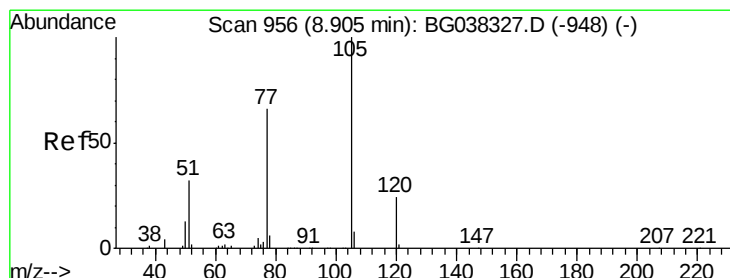
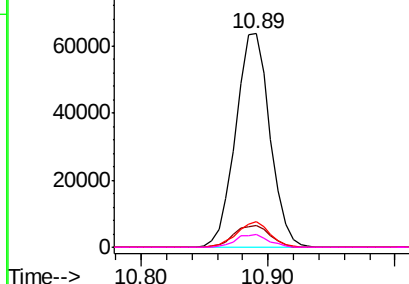
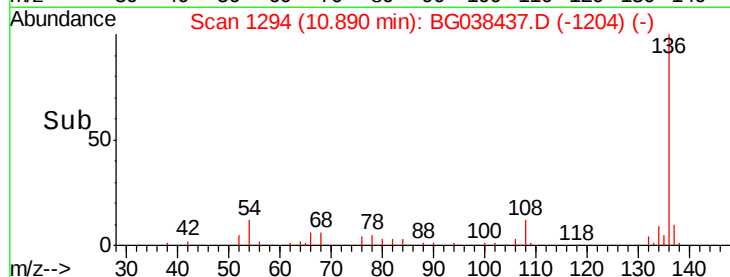
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	119167
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.6 14.4
54	12.1	7.9 11.9#
68	6.3	4.8 7.2

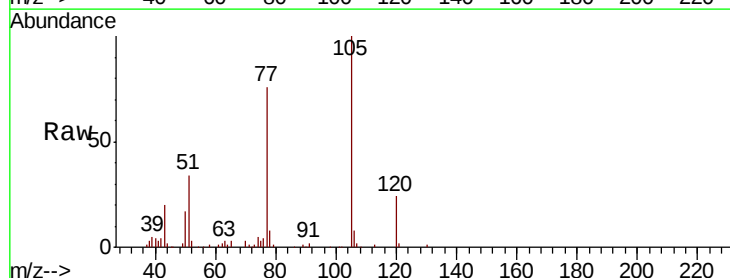


Abundance Ion 136.00 (135.70 to 136.70): E
100000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

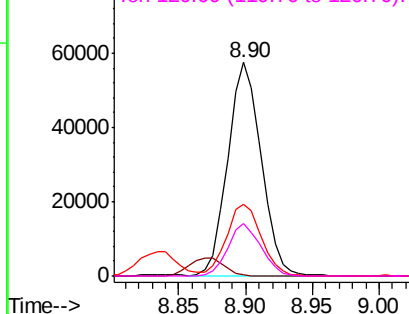
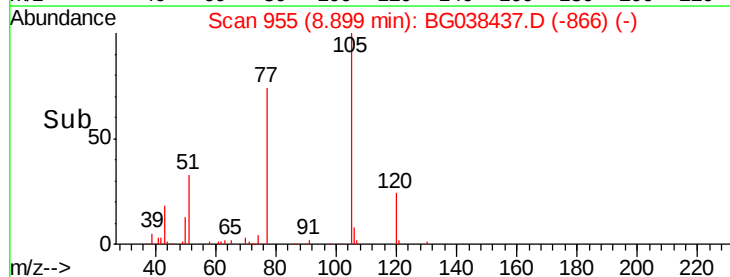


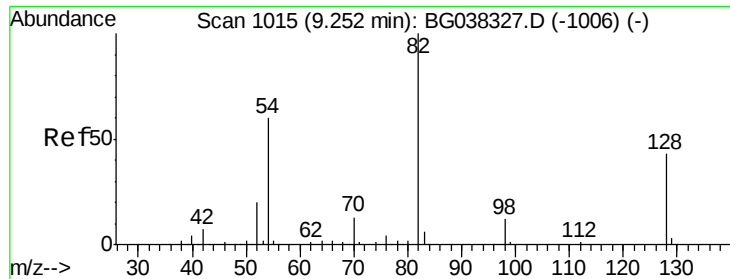
#22
Acetophenone
Concen: 34.722 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:105	Resp:	100866
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.2 1.8#
51	33.6	25.0 37.6
120	24.4	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
80000
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

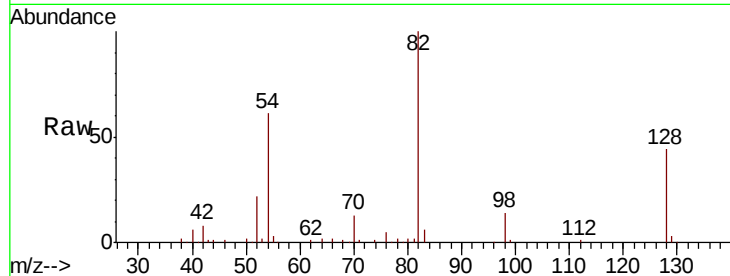




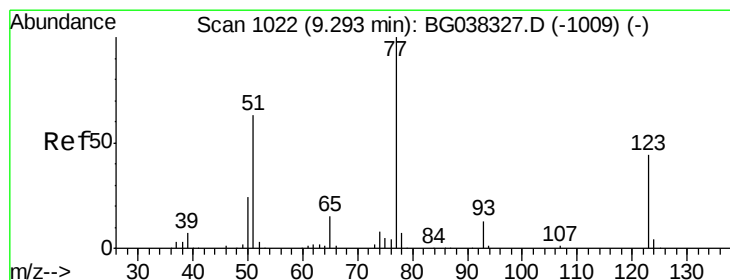
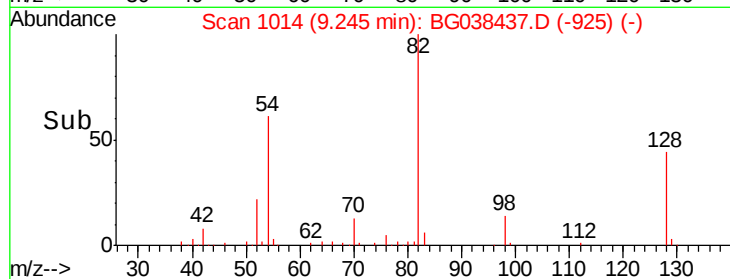
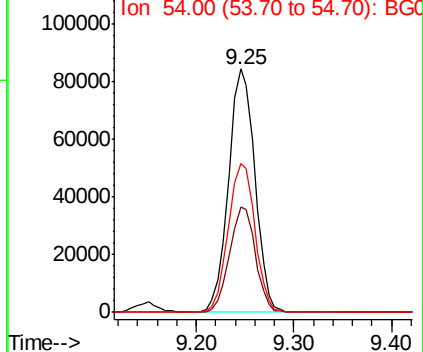
#23
Nitrobenzene-d5
Concen: 65.852 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 158062
Ion Ratio Lower Upper
82 100
128 43.5 34.6 51.8
54 61.1 45.3 67.9

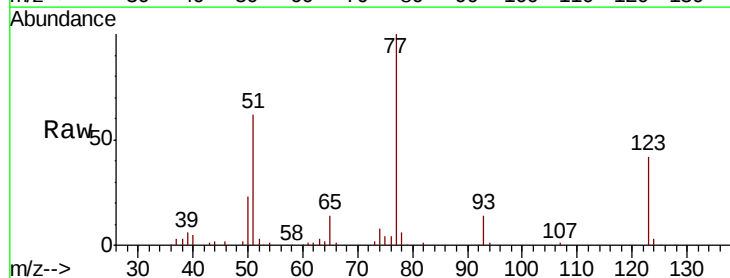


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

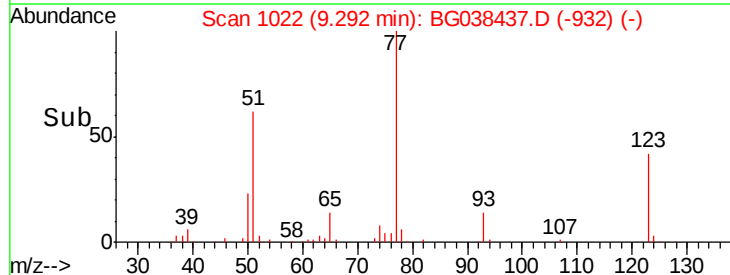
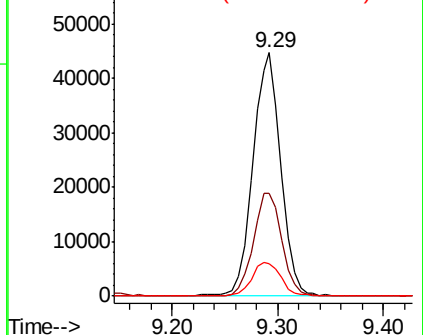


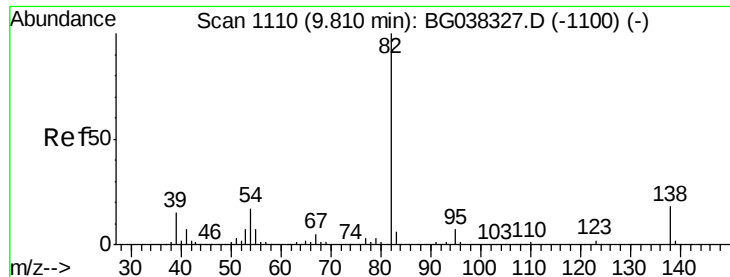
#24
Nitrobenzene
Concen: 33.625 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion: 77 Resp: 81999
Ion Ratio Lower Upper
77 100
123 42.0 33.6 50.4
65 13.6 11.3 16.9



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

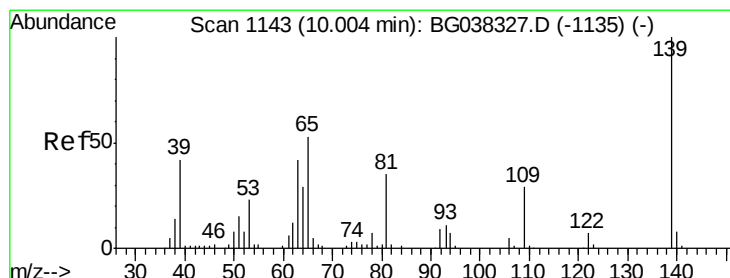
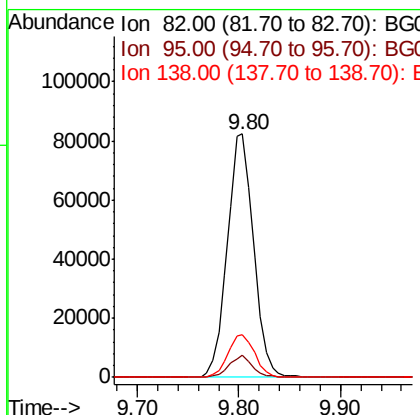
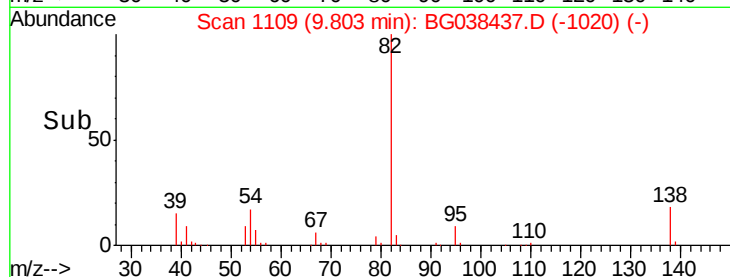
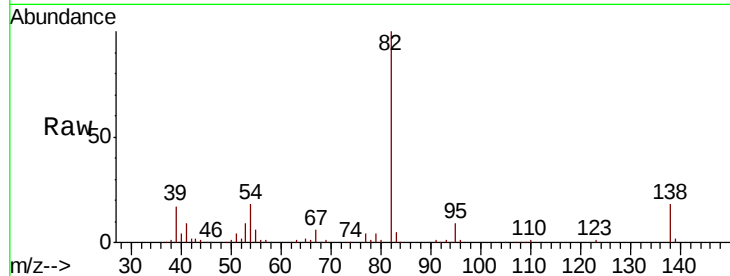




#25
Isophorone
Concen: 35.069 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

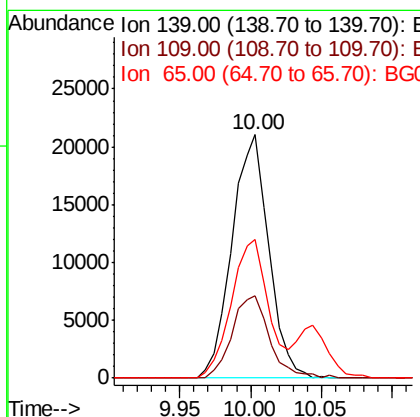
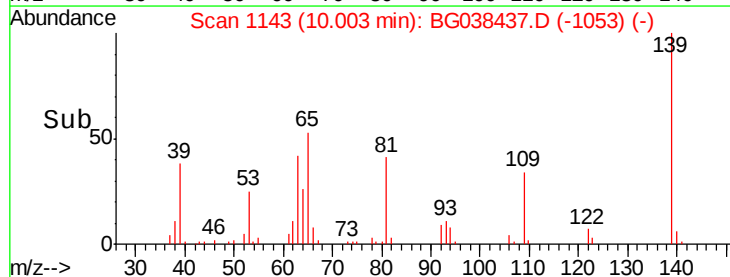
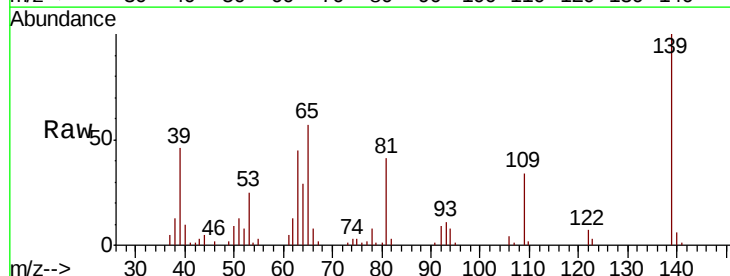
Instrument :
BNA_G
ClientSampleId :

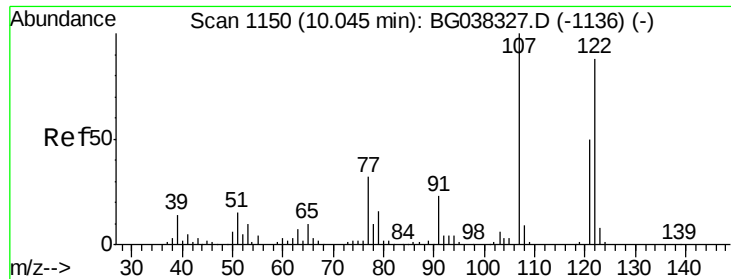
Tot Ion: 82 Resp: 147927
Ion Ratio Lower Upper
82 100
95 8.9 5.3 7.9#
138 17.6 13.3 19.9



#26
2-Nitrophenol
Concen: 33.811 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:139 Resp: 38204
Ion Ratio Lower Upper
139 100
109 33.8 23.3 34.9
65 57.1 39.8 59.8

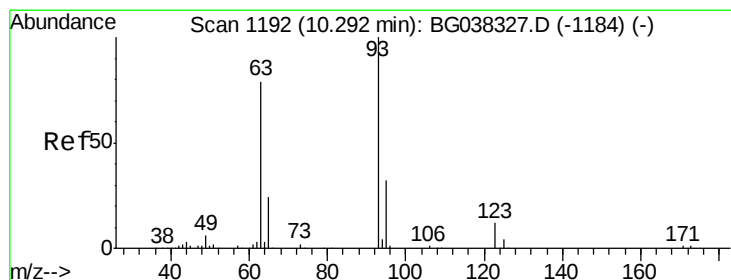
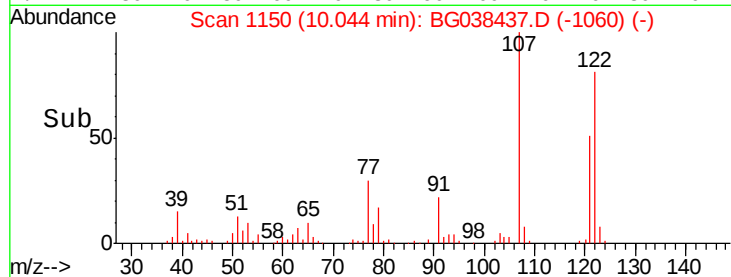
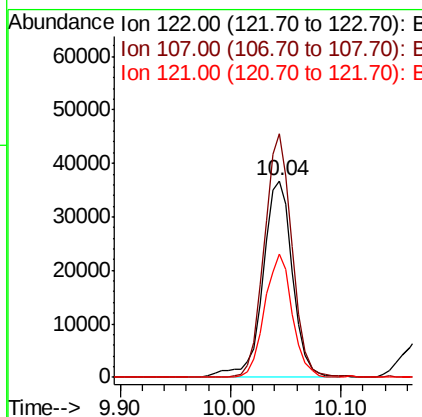
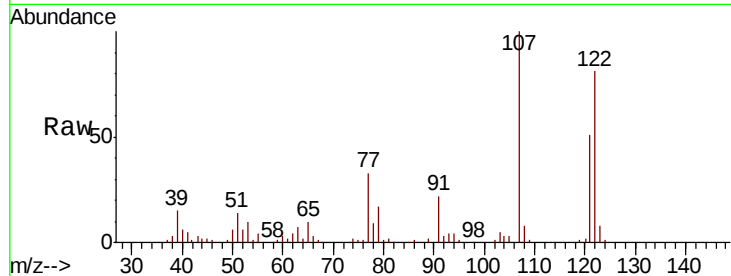




#27
 2,4-Dimethylphenol
 Concen: 42.458 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

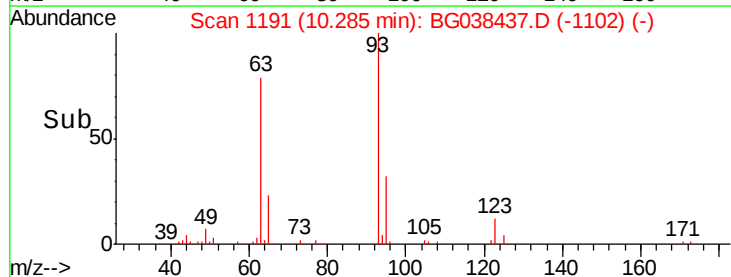
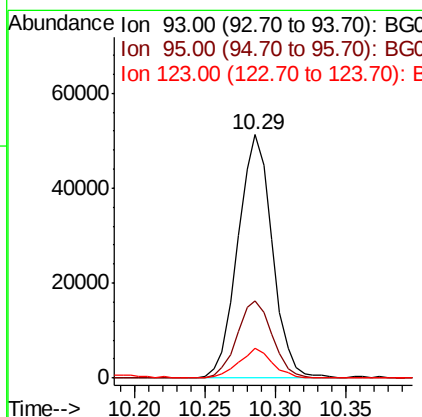
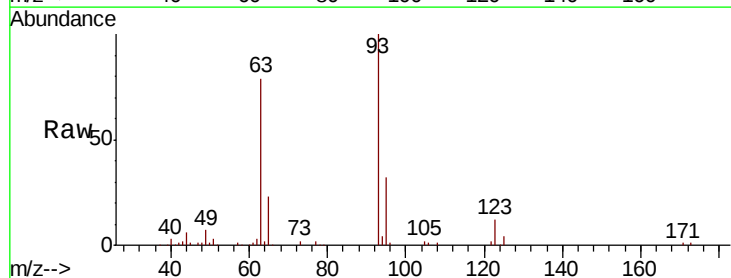
Instrument :
 BNA_G
 ClientSampleId :

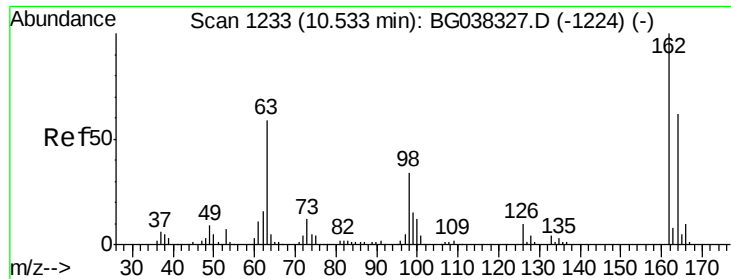
Tot Ion:122 Resp: 68906
 Ion Ratio Lower Upper
 122 100
 107 123.7 94.2 141.2
 121 62.5 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.221 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion: 93 Resp: 87586
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.6 37.0
 123 12.3 9.1 13.7

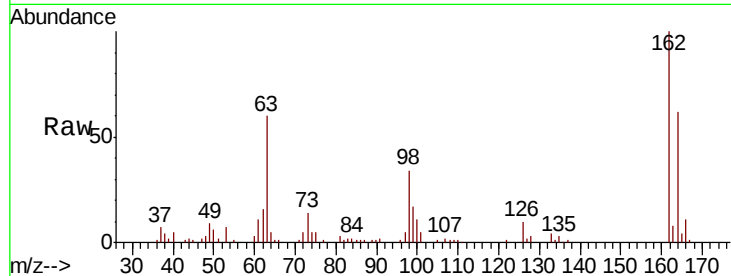




#29
 2,4-Dichlorophenol
 Concen: 39.156 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.2	83.2
98	34.0	16.0	56.0

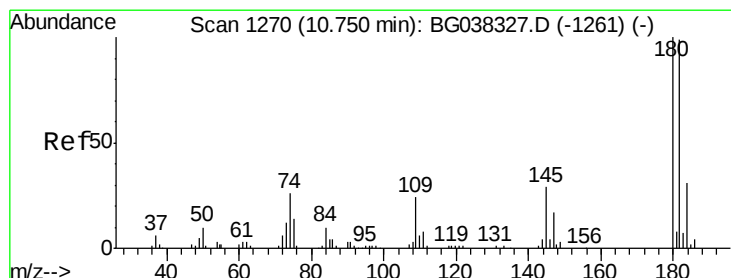
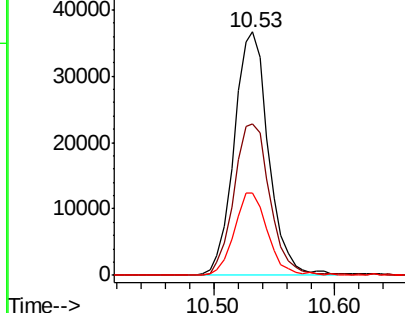
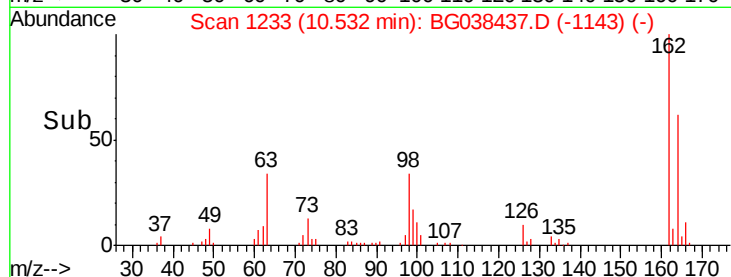


Abundance

Ion 162.00 (161.70 to 162.70): E

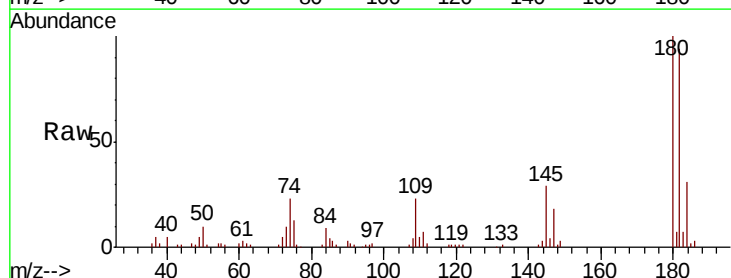
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 33.962 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.7	116.5
145	29.0	23.3	34.9

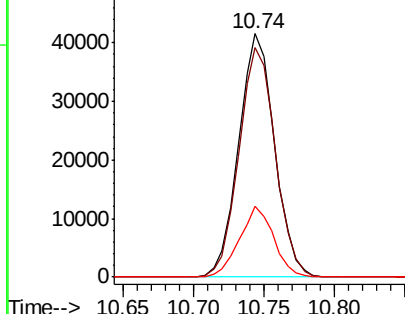
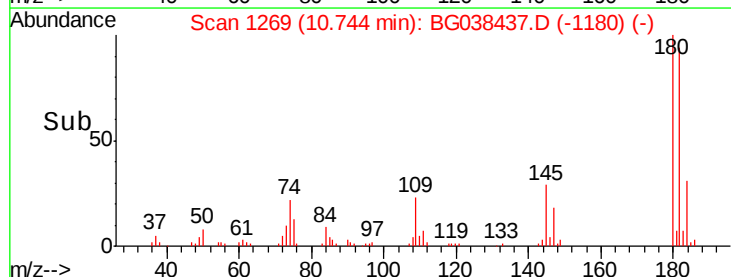


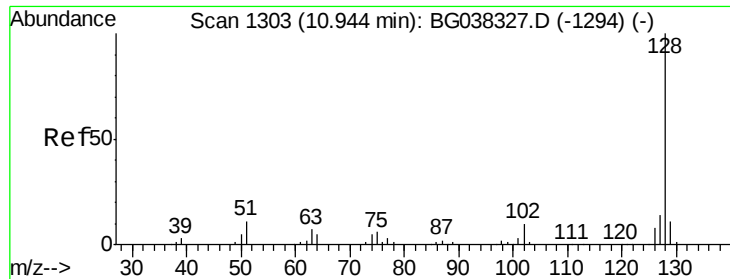
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

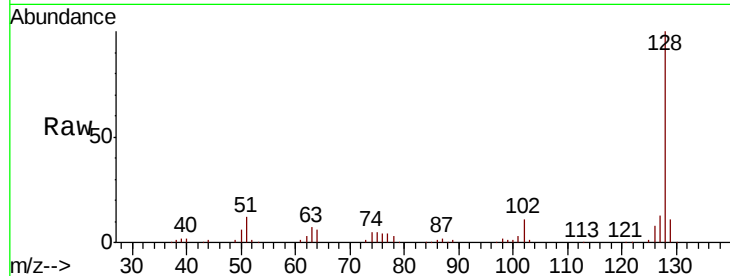




#31
Naphthalene
Concen: 36.985 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	11.1	16.7

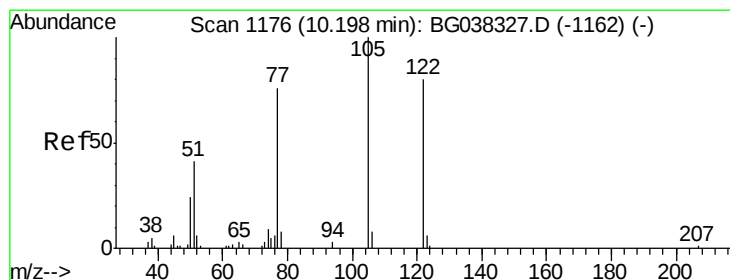
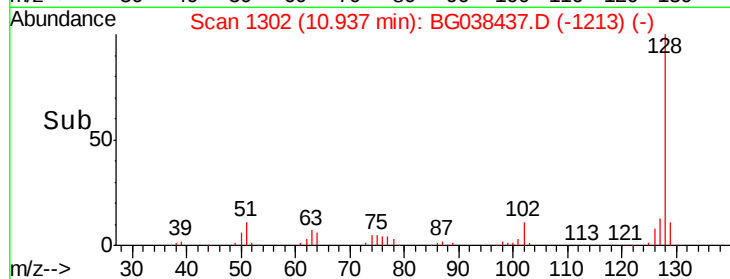
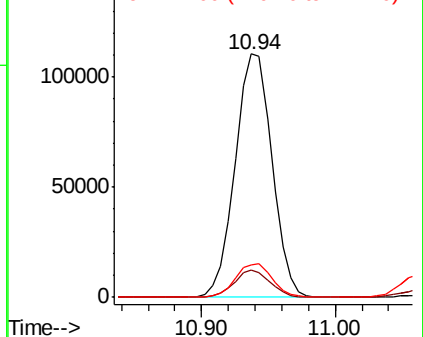


Abundance

Ion 128.00 (127.70 to 128.70): E

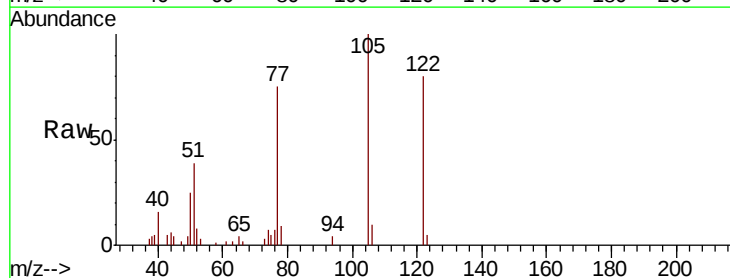
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.743 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	106.7	146.7
77	93.1	72.2	112.2

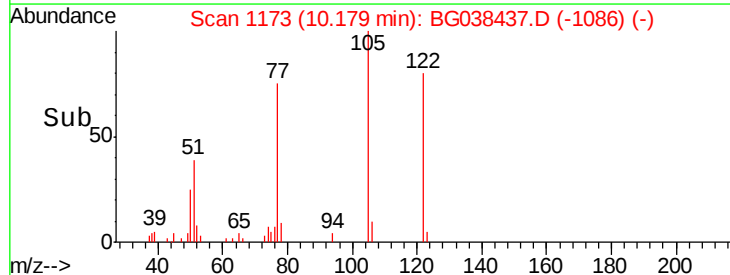
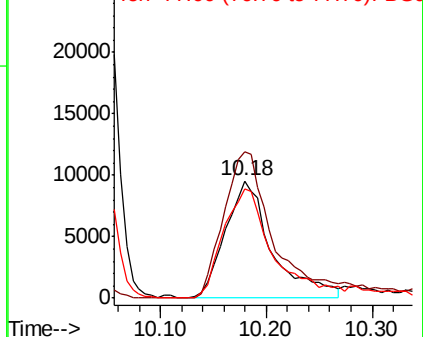


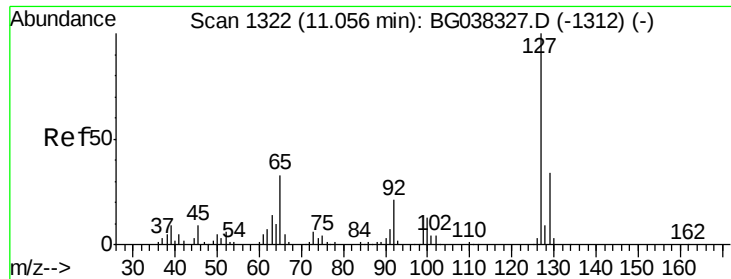
Abundance

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

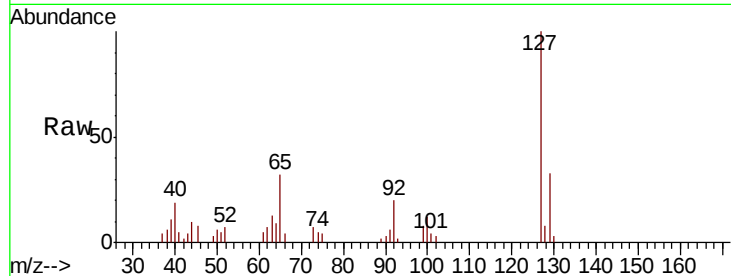




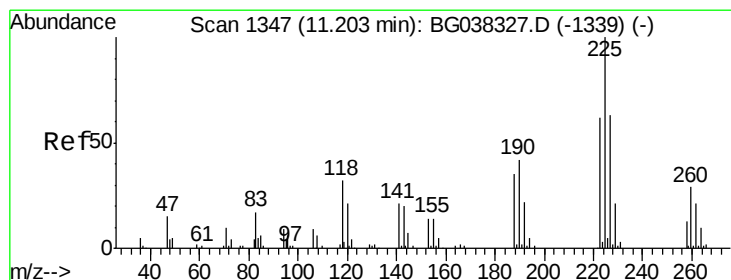
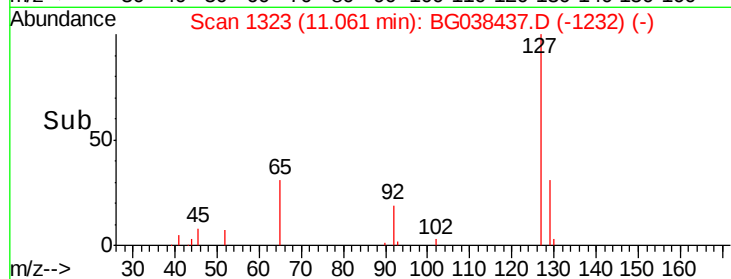
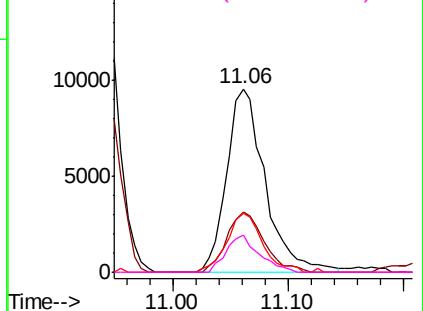
#33
4-Chloroaniline
Concen: 8.728 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	21994
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.1	40.7
65	32.4	26.6	39.8
92	20.5	16.4	24.6

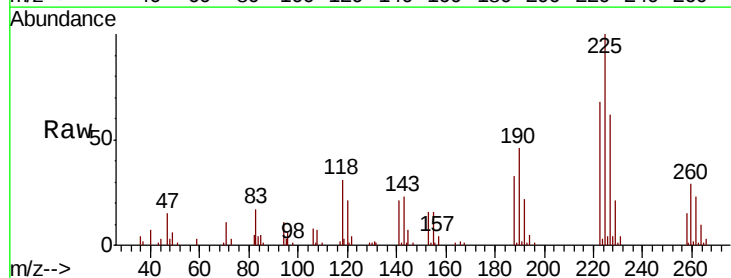


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

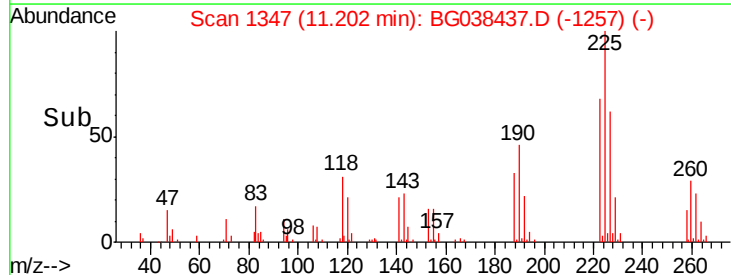
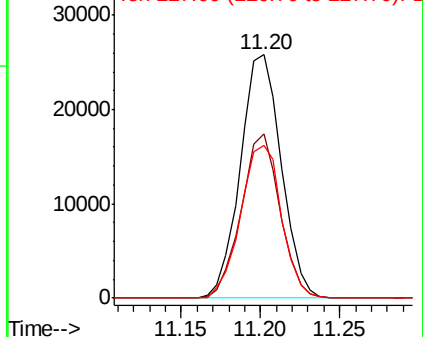


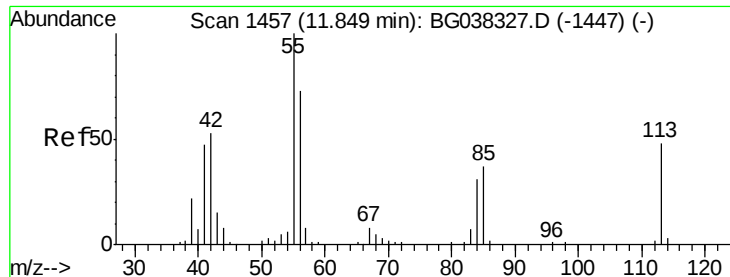
#34
Hexachlorobutadiene
Concen: 33.975 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:	225	Resp:	46224
Ion	Ratio	Lower	Upper
225	100		
223	67.7	48.2	72.4
227	63.6	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.974 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampled :

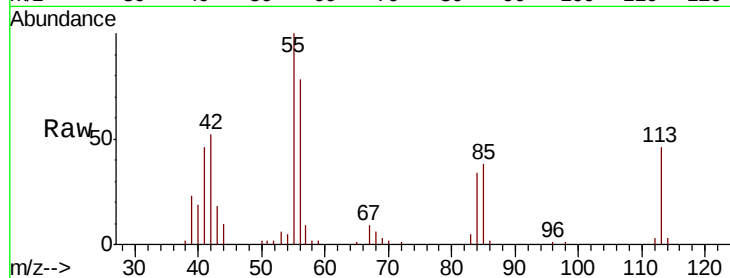
Tot Ion:113 Resp: 27560

Ion Ratio Lower Upper

113 100

55 219.0 176.6 216.6#

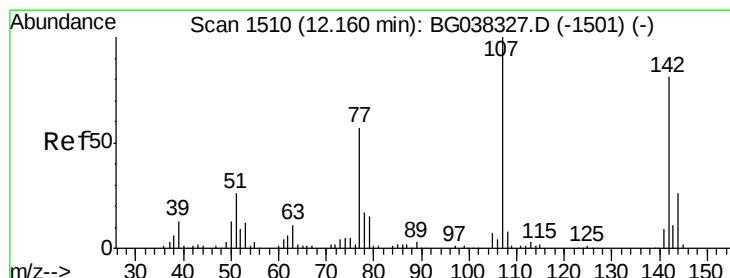
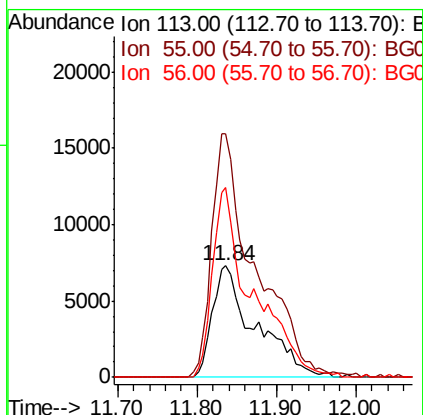
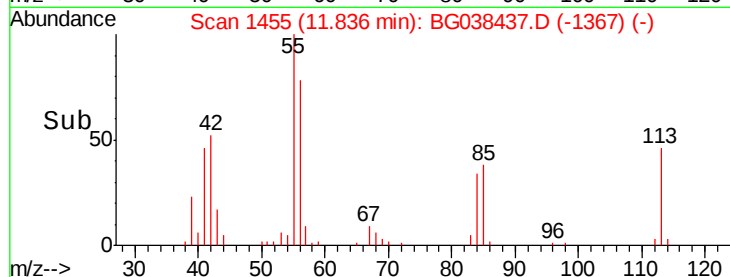
56 170.7 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.632 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

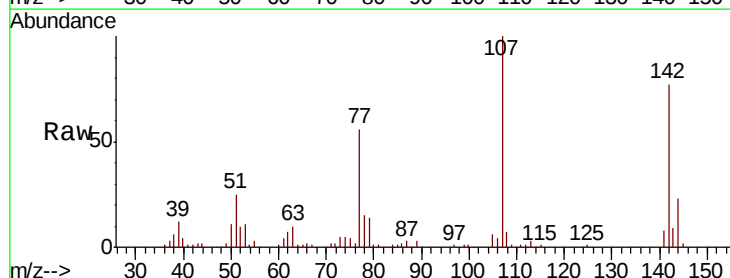
Tgt Ion:107 Resp: 81578

Ion Ratio Lower Upper

107 100

144 23.2 20.7 31.1

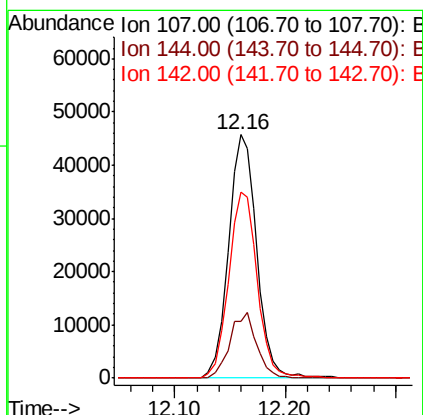
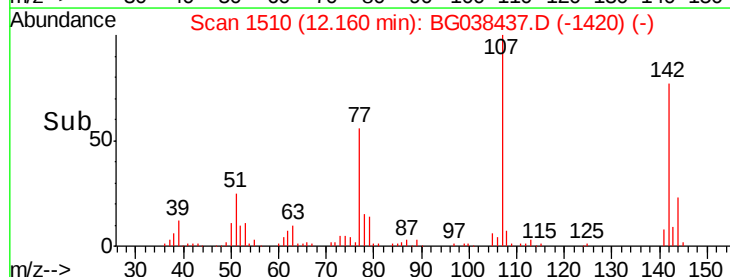
142 76.5 64.4 96.6

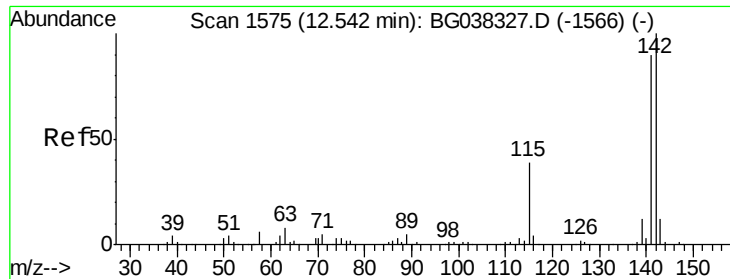


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

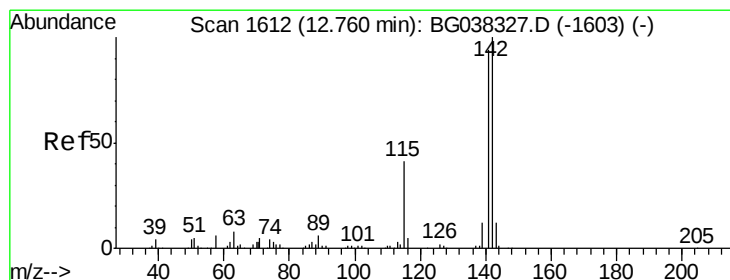
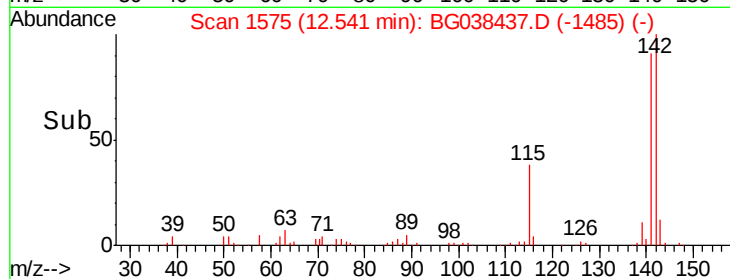
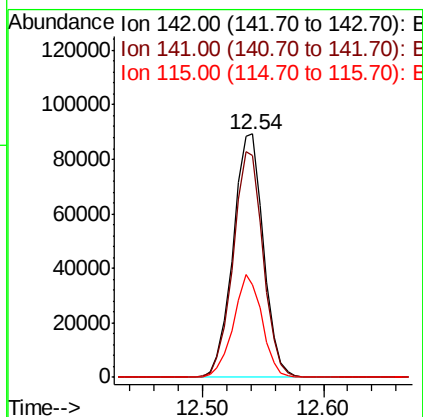
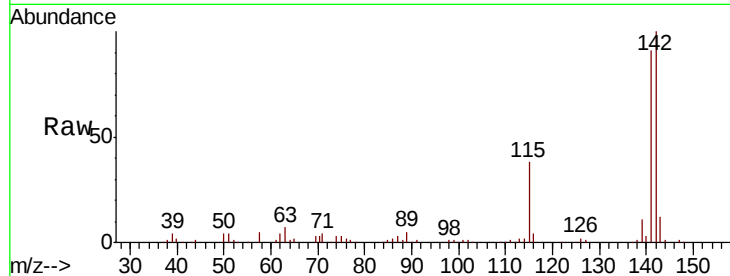




#37
2-Methylnaphthalene
Concen: 38.630 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

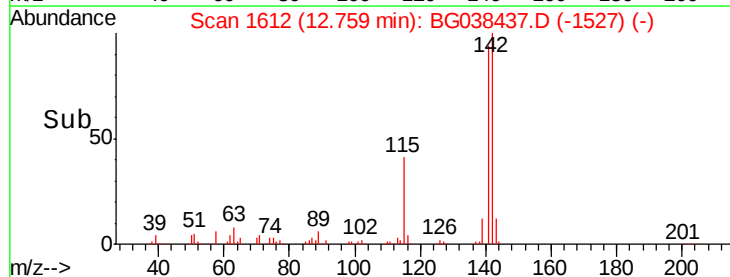
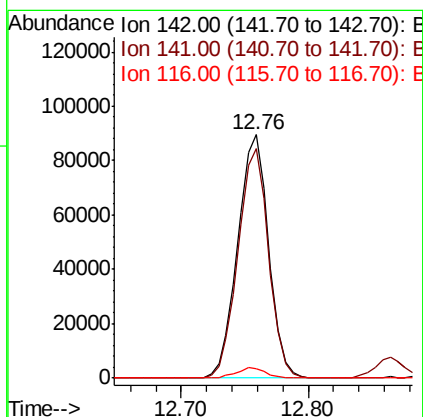
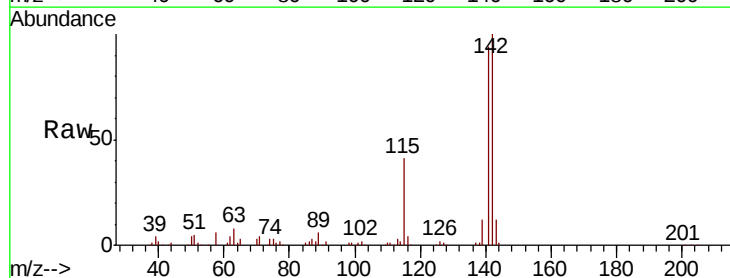
Instrument :
BNA_G
ClientSampled :

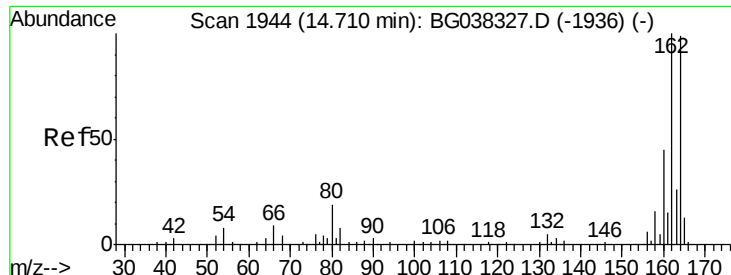
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	37.9	27.8	41.8



#38
1-Methylnaphthalene
Concen: 38.822 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

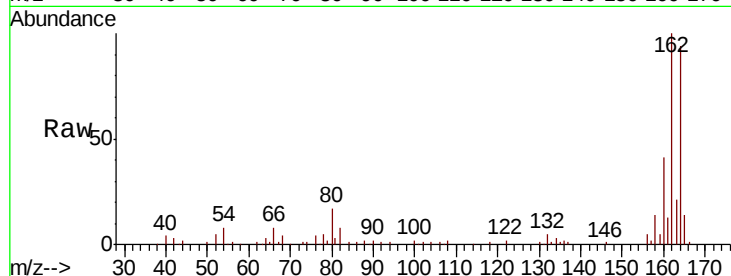
Tot Ion:164 Resp: 79751

Ion Ratio Lower Upper

164 100

162 106.2 81.3 121.9

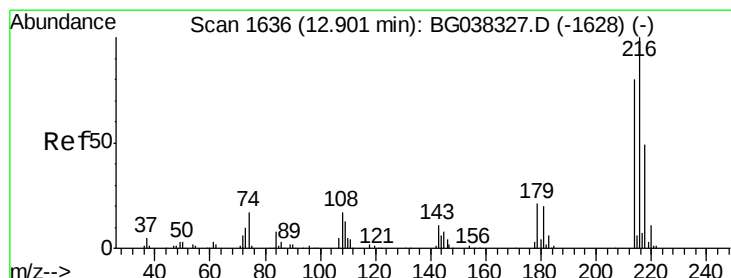
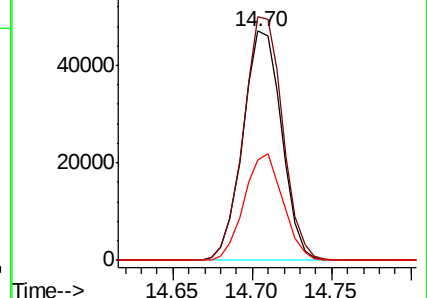
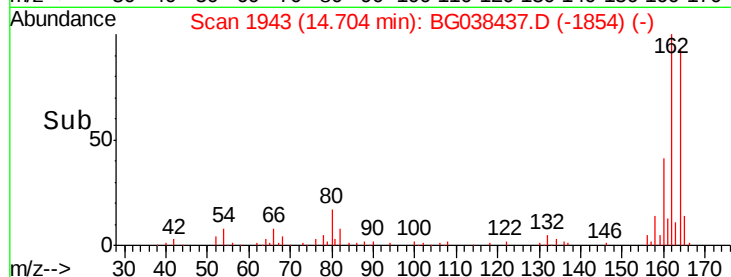
160 43.6 36.3 54.5



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: 32.589 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:216 Resp: 89432

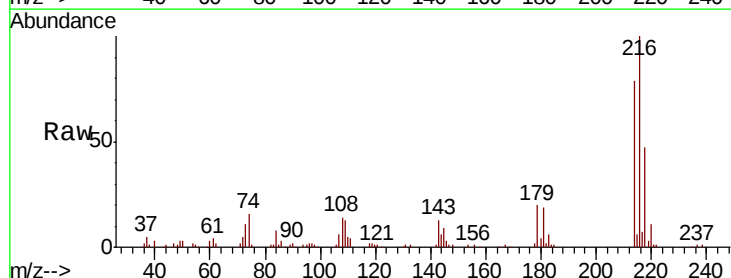
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 21.0 17.4 26.0

108 18.7 13.9 20.9

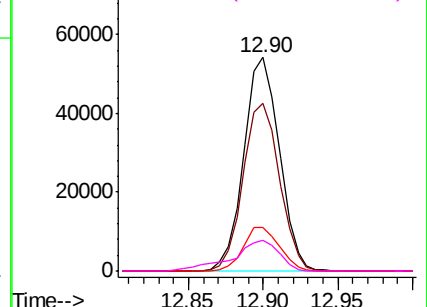
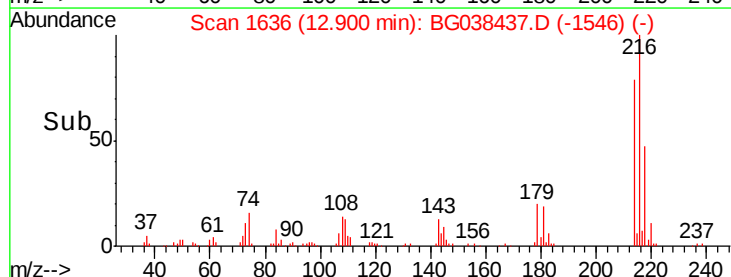


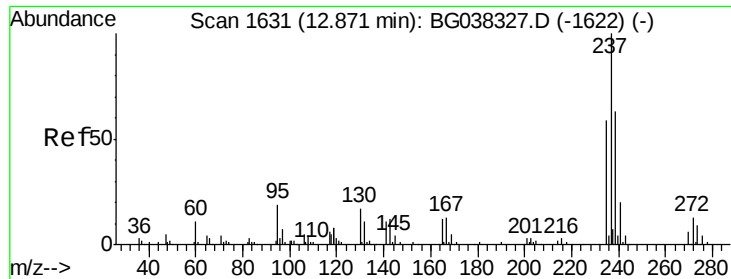
Abundance Ion 216.00 (215.70 to 216.70): E

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

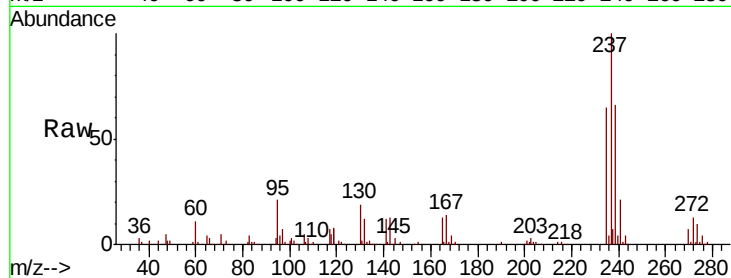




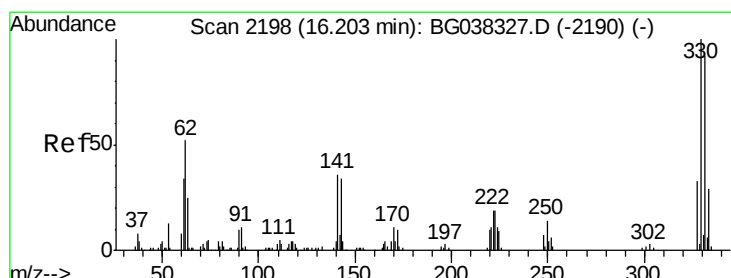
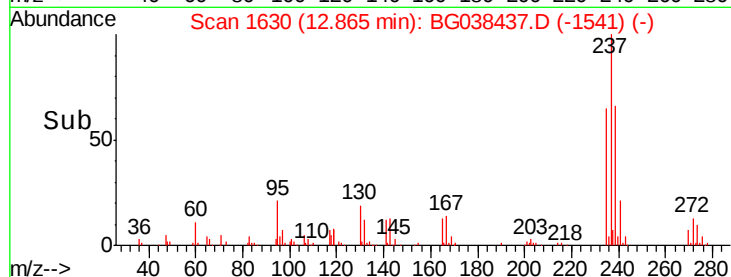
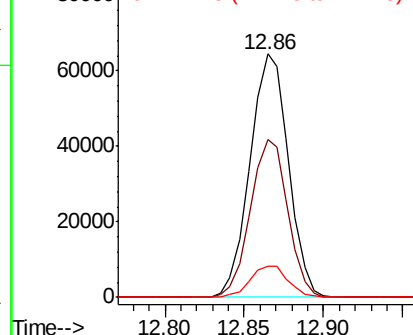
#41
Hexachlorocyclopentadiene
Concen: 71.870 ng
RT: 12.86 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 108385
Ion Ratio Lower Upper
237 100
235 65.0 42.5 82.5
272 12.9 0.0 31.6

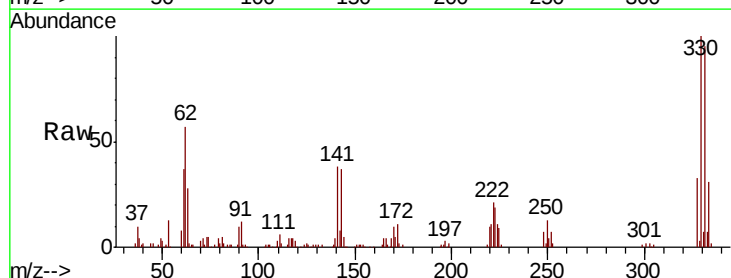


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

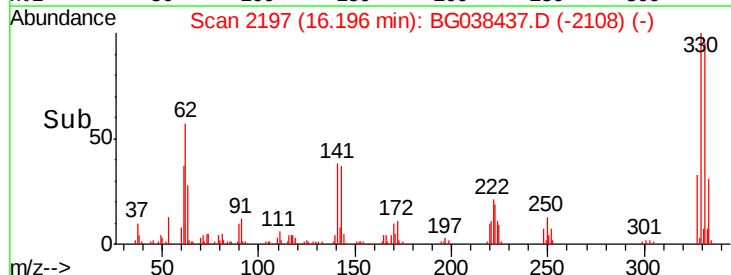
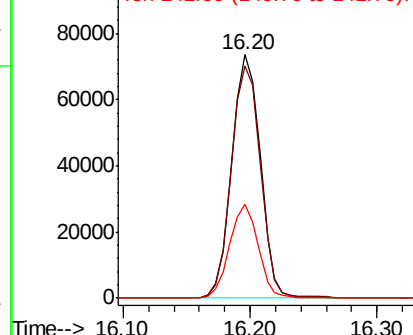


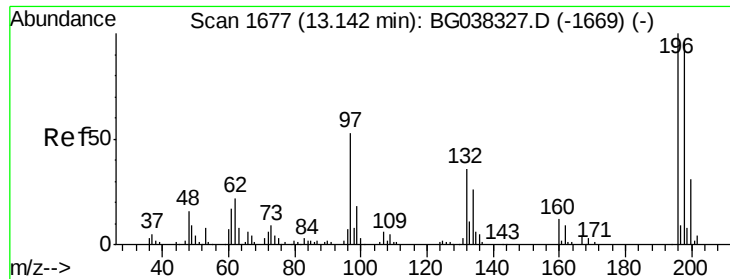
#42
2,4,6-Tribromophenol
Concen: 116.898 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:330 Resp: 114448
Ion Ratio Lower Upper
330 100
332 97.5 78.4 117.6
141 38.5 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

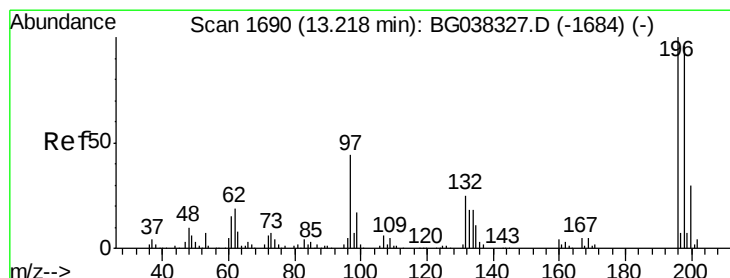
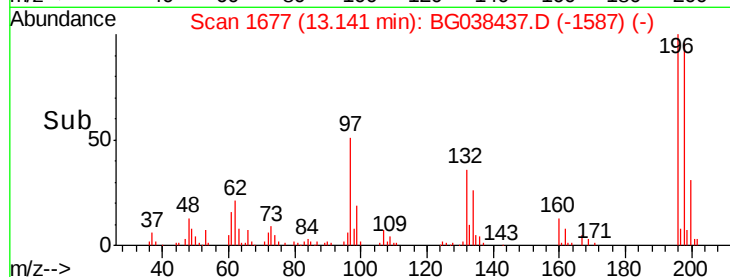
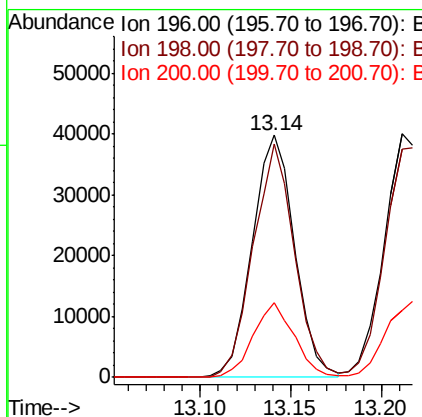
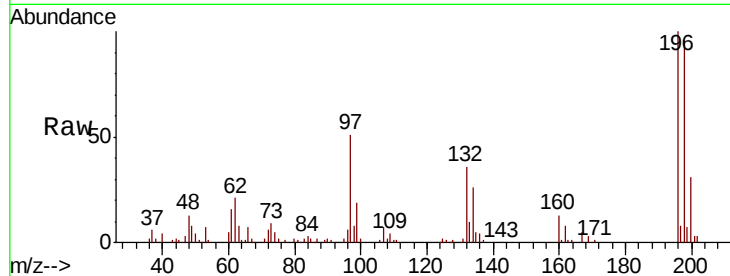




#43
 2,4,6-Trichlorophenol
 Concen: 36.196 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

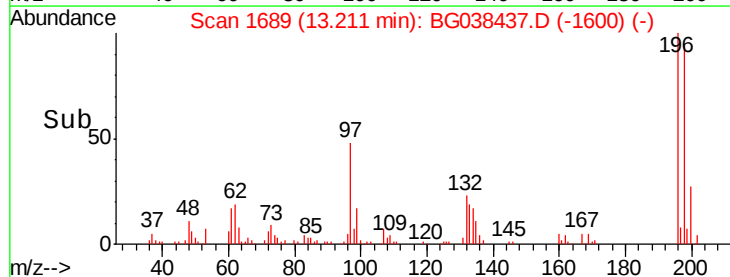
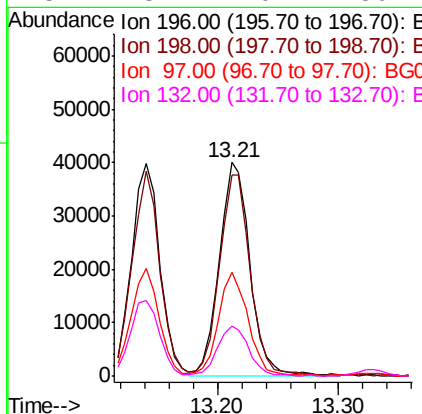
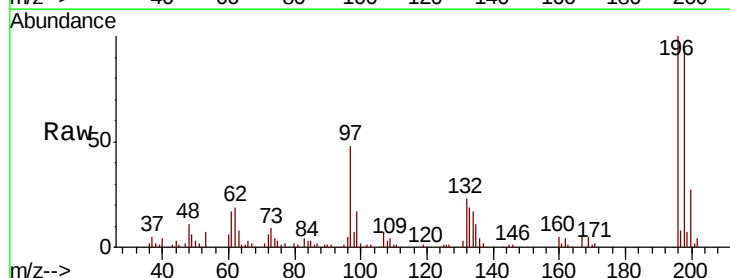
Instrument :
 BNA_G
 ClientSampleId :

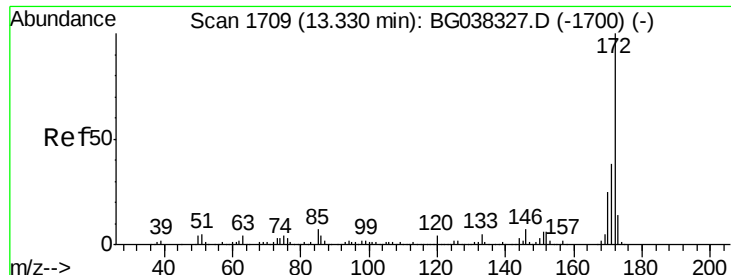
Tot Ion:196 Resp: 64344
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.4 114.6
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.216 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion:196 Resp: 70087
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.2
 97 48.4 34.1 51.1
 132 23.2 20.2 30.4

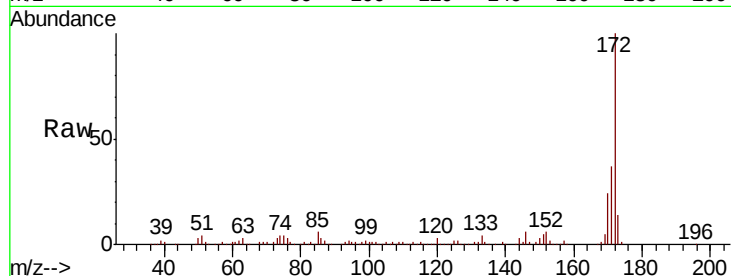




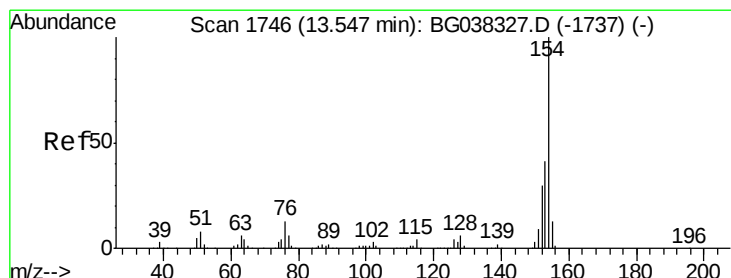
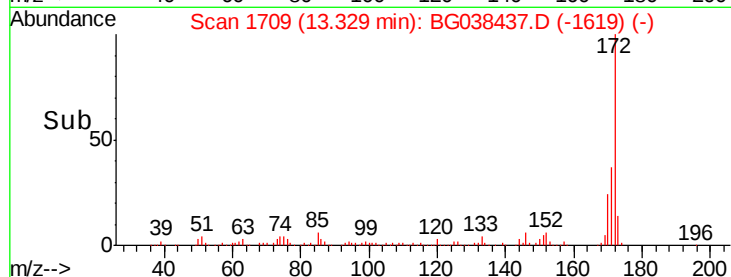
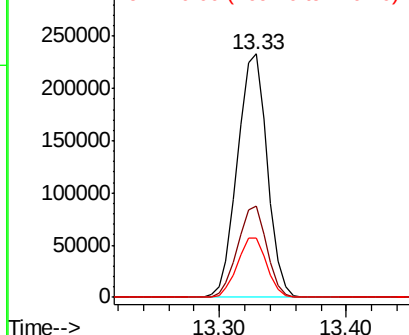
#45
2-Fluorobiphenyl
Concen: 67.562 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 378140
Ion Ratio Lower Upper
172 100
171 37.3 31.0 46.4
170 24.4 20.2 30.2

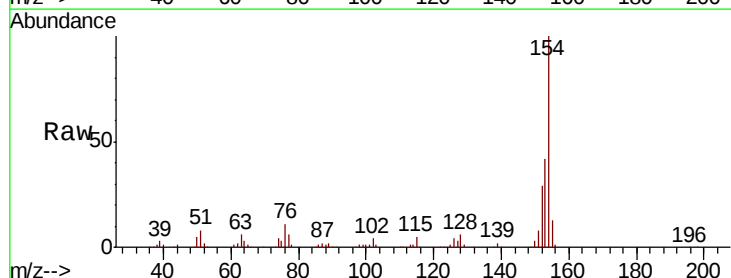


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

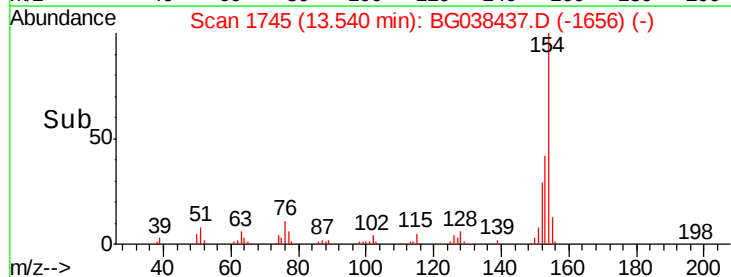
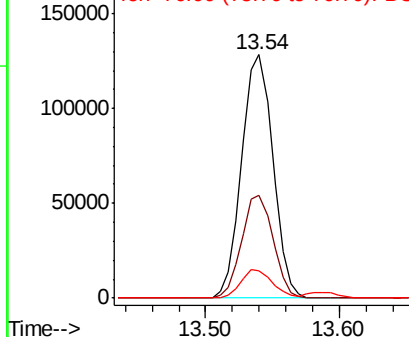


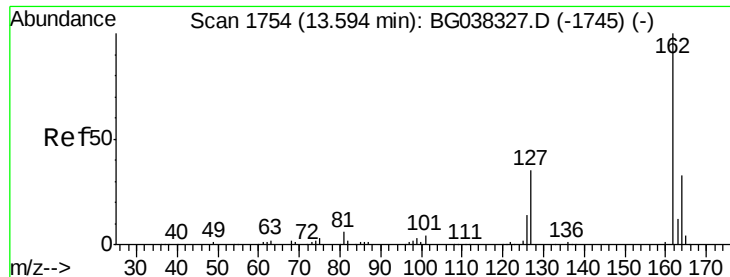
#46
1,1'-Biphenyl
Concen: 30.821 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:154 Resp: 207769
Ion Ratio Lower Upper
154 100
153 42.3 22.1 62.1
76 11.5 0.0 33.2



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

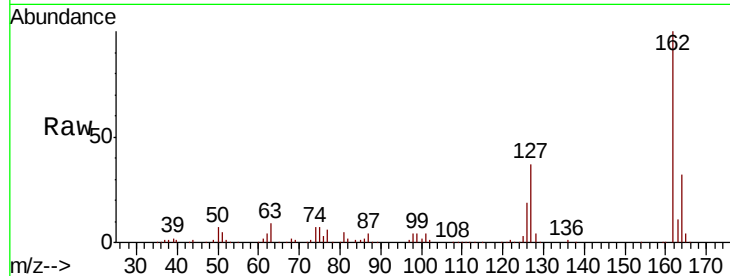




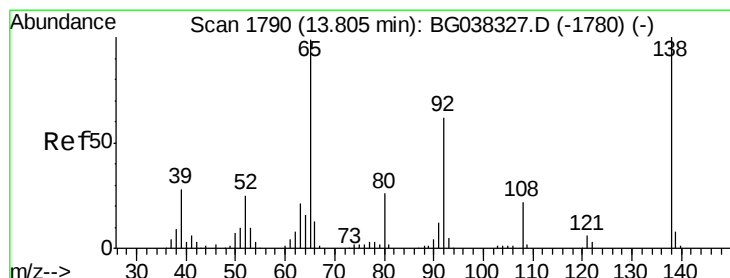
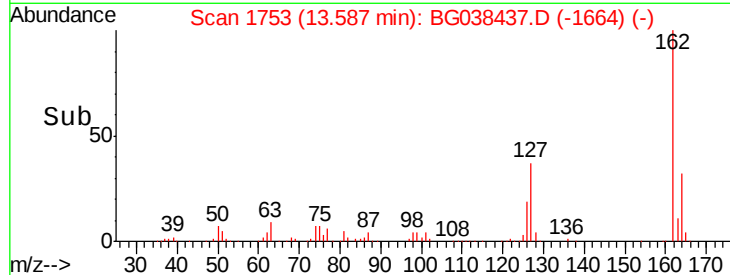
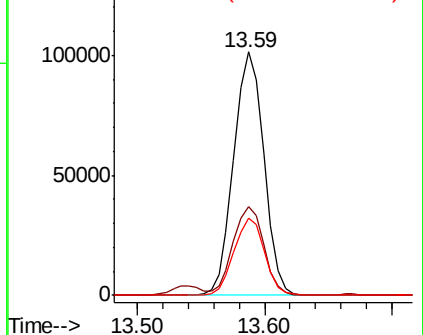
#47
 2-Chloronaphthalene
 Concen: 32.925 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.5	45.7
164	32.0	26.4	39.6

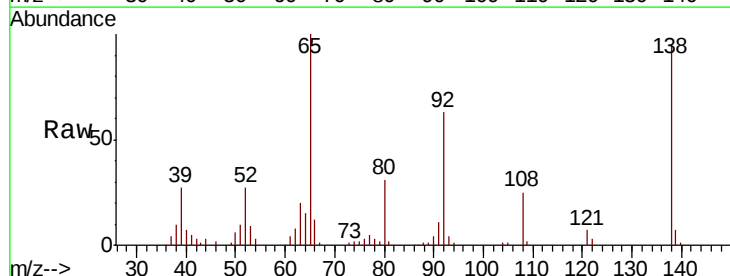


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

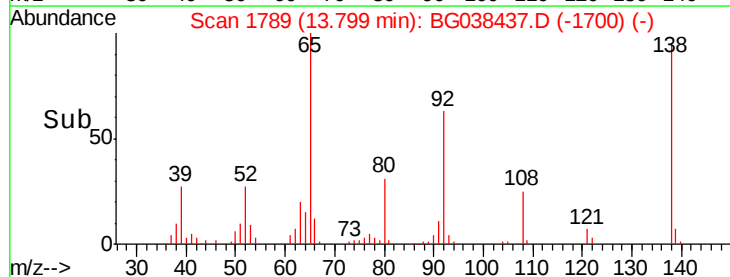
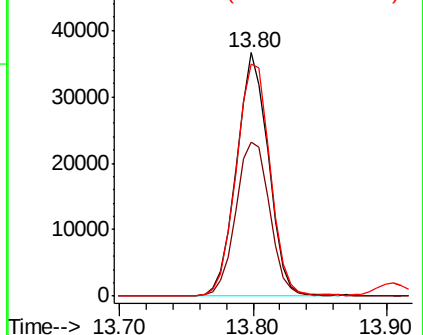


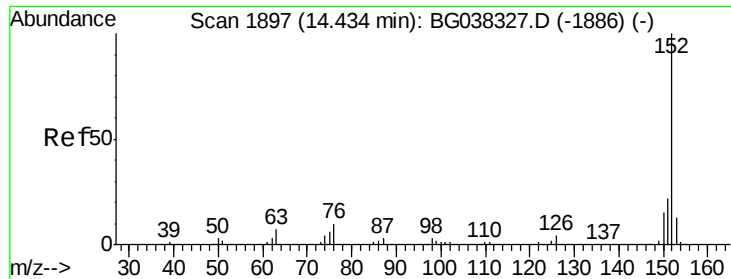
#48
 2-Nitroaniline
 Concen: 35.635 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	53.2	79.8
138	95.2	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.731 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

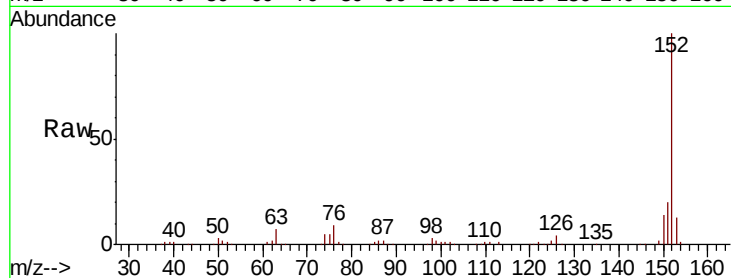
Tot Ion:152 Resp: 281406

Ion Ratio Lower Upper

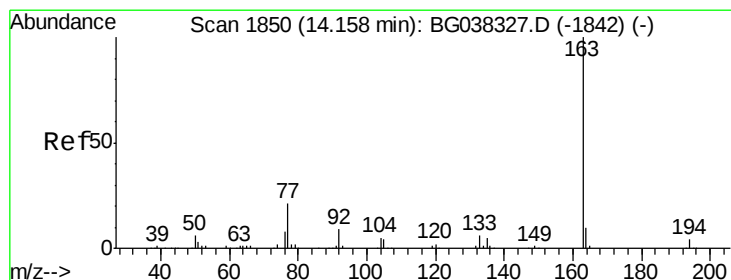
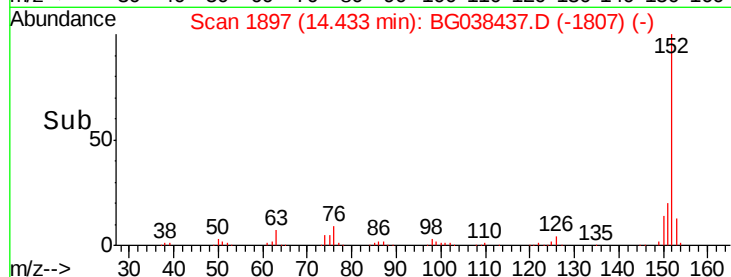
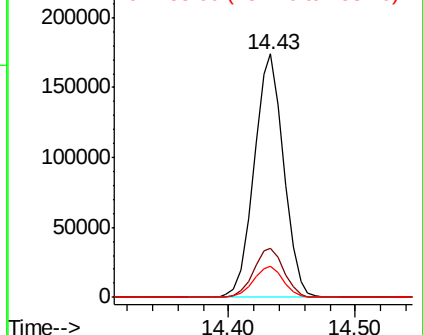
152 100

151 20.1 17.1 25.7

153 12.6 11.1 16.7



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



#50

Dimethylphthalate

Concen: 35.906 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

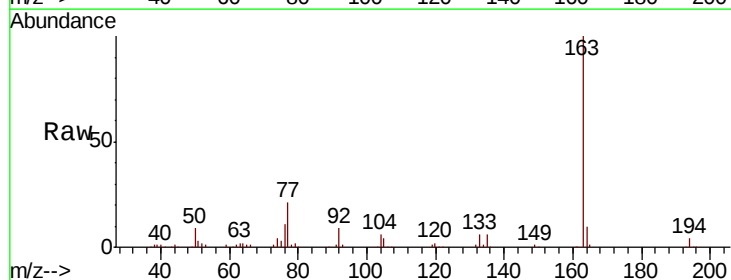
Tgt Ion:163 Resp: 229678

Ion Ratio Lower Upper

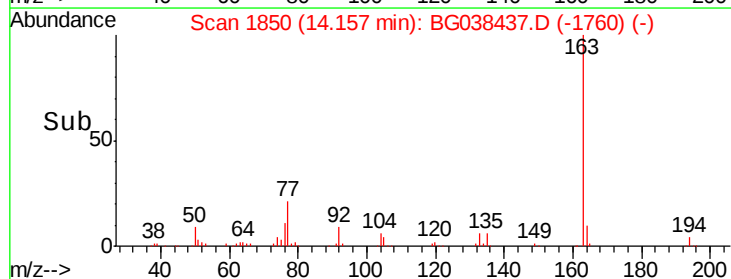
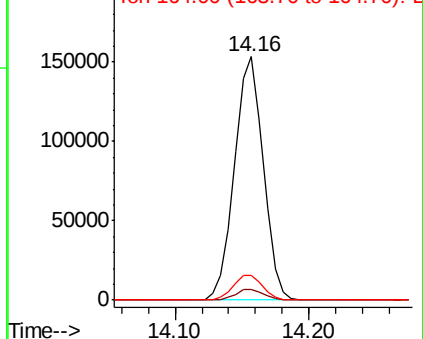
163 100

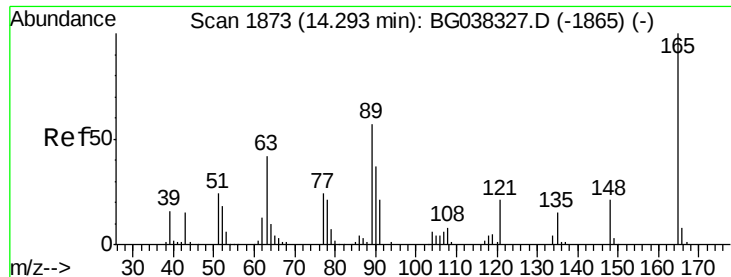
194 4.5 3.5 5.3

164 10.3 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

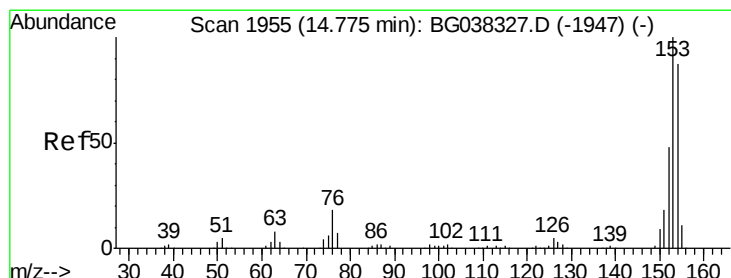
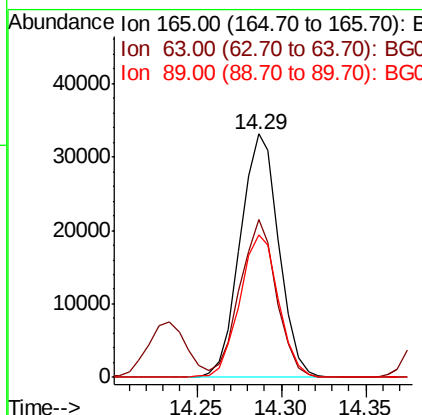
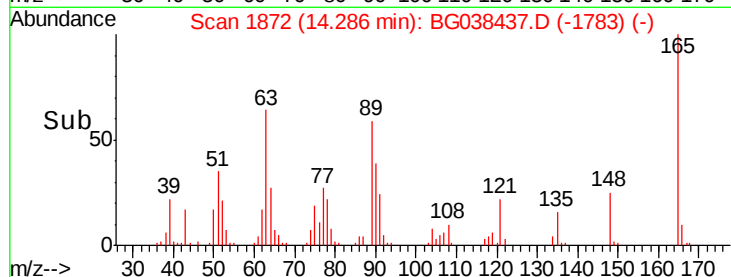
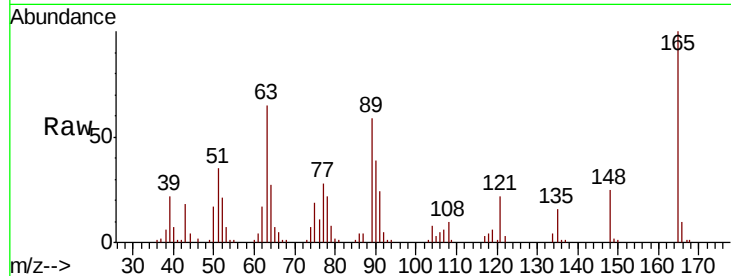




#51
 2,6-Dinitrotoluene
 Concen: 35.967 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

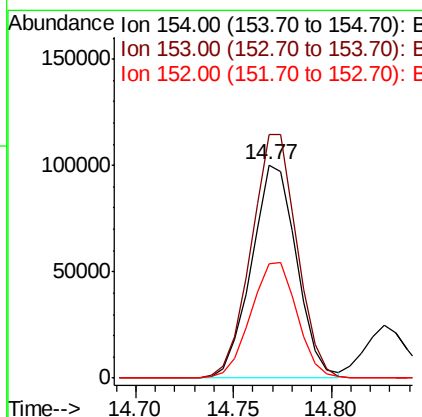
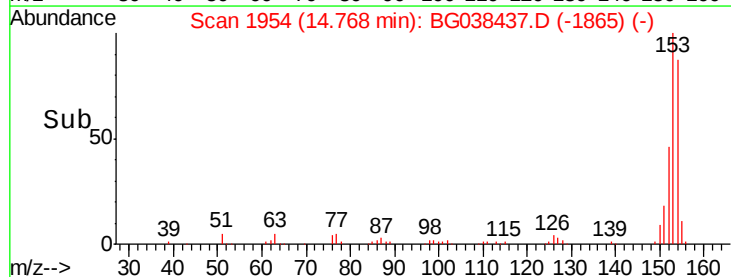
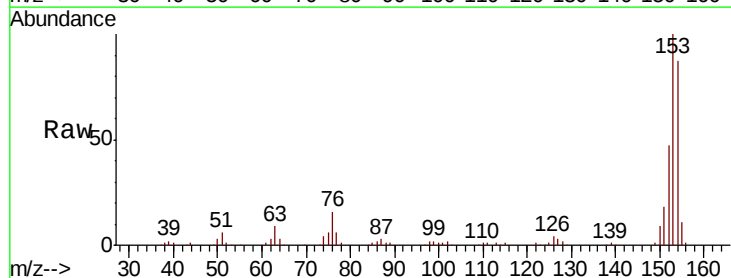
Instrument :
 BNA_G
 ClientSampled :

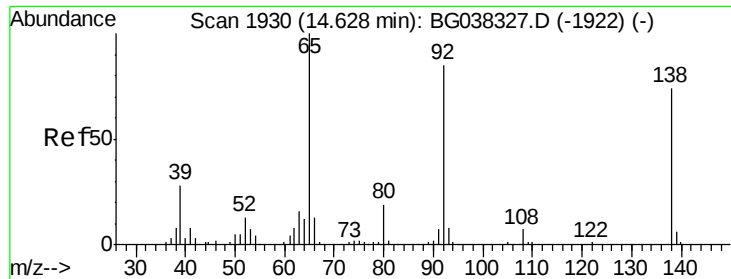
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.6	43.4	65.2
89	58.6	45.8	68.6



#52
 Acenaphthene
 Concen: 34.385 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	93.4	140.0
152	53.6	44.7	67.1





#53

3-Nitroaniline

Concen: 21.776 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

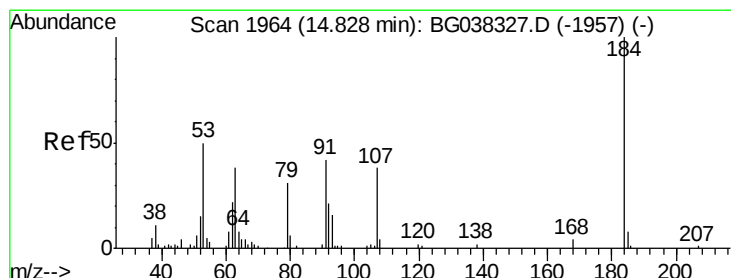
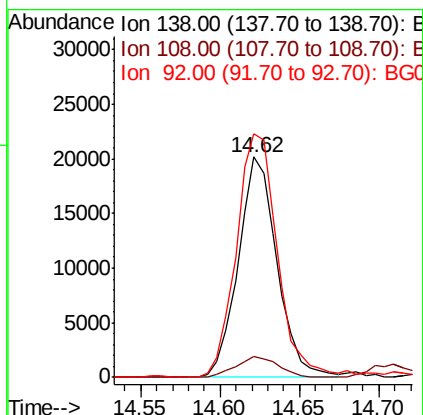
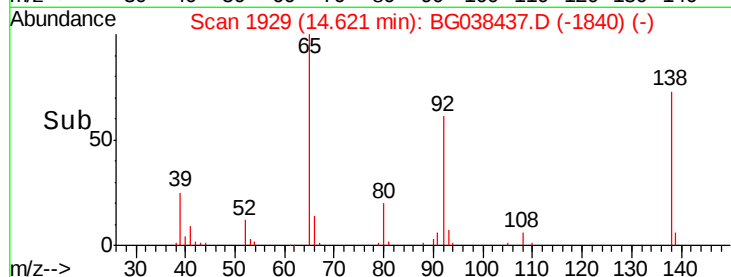
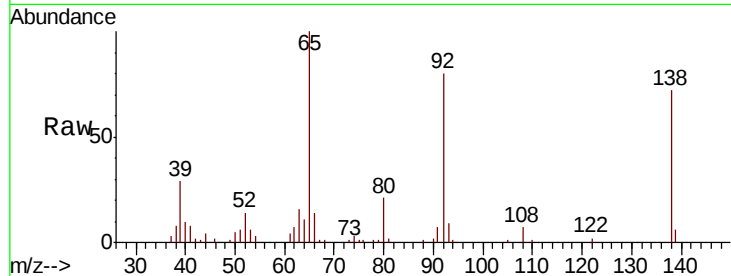
Tot Ion:138 Resp: 34269

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

92 110.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 79.870 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

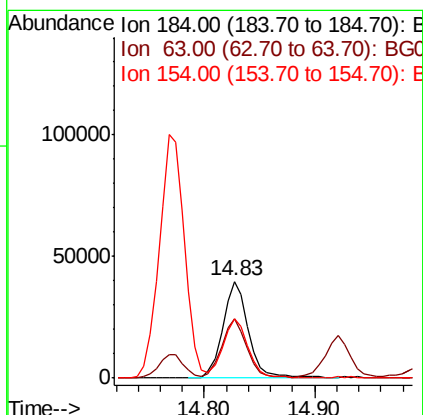
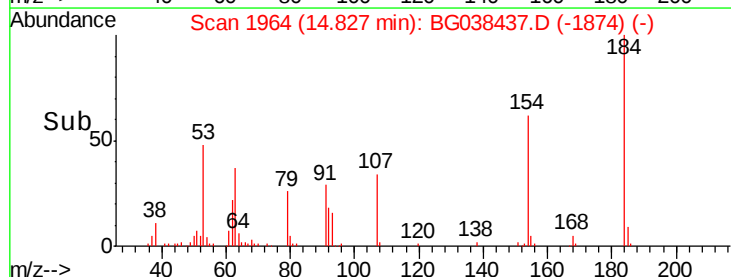
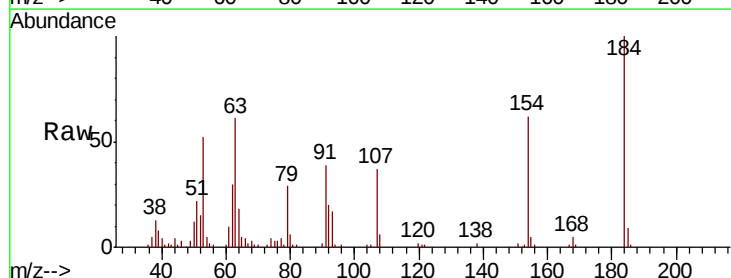
Tgt Ion:184 Resp: 63975

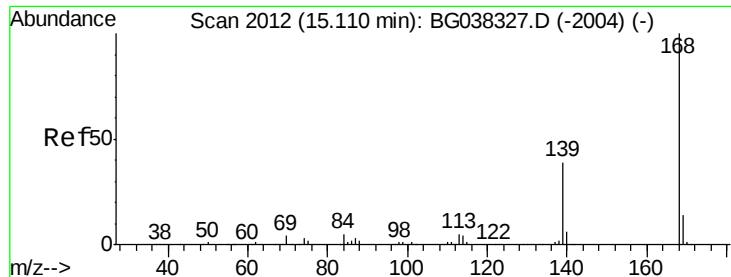
Ion Ratio Lower Upper

184 100

63 61.4 42.6 63.8

154 62.0 41.8 62.6

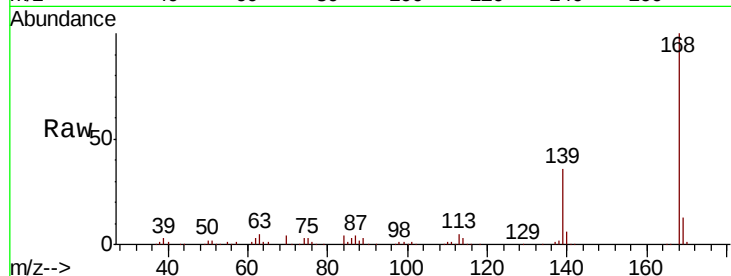




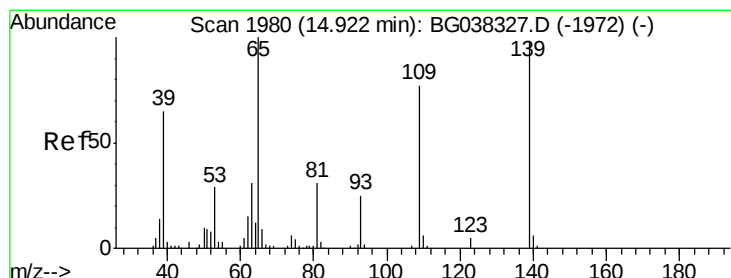
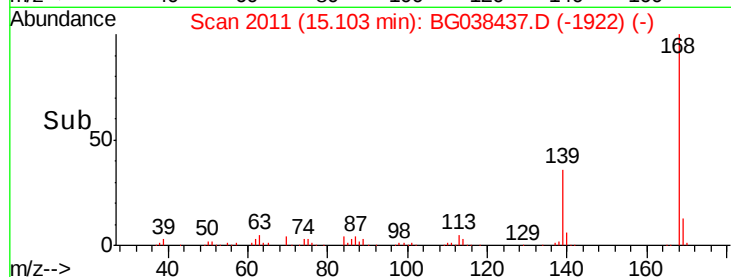
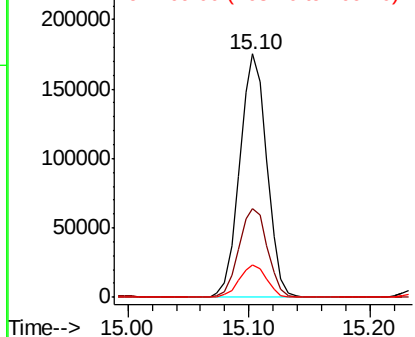
#55
Dibenzenofuran
Concen: 35.479 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 273945
Ion Ratio Lower Upper
168 100
139 36.4 29.4 44.0
169 13.3 11.0 16.6

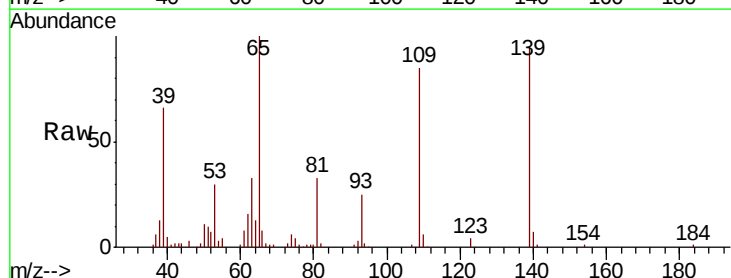


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

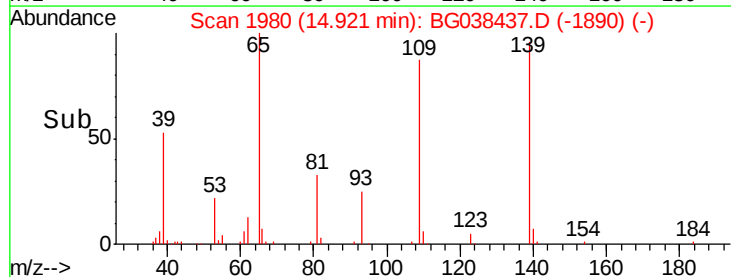
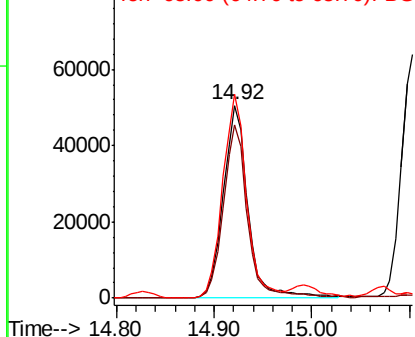


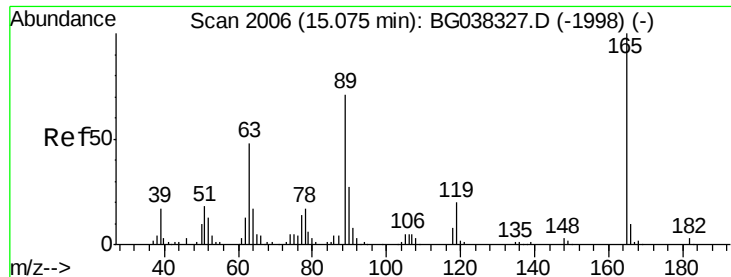
#56
4-Nitrophenol
Concen: 71.287 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:139 Resp: 88619
Ion Ratio Lower Upper
139 100
109 90.1 49.5 89.5#
65 105.7 76.8 116.8



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

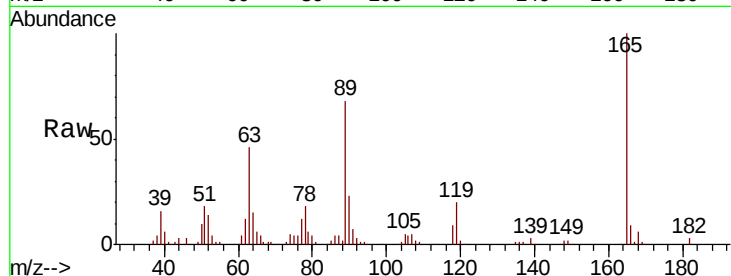




#57
2,4-Dinitrotoluene
Concen: 38.292 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	33.4	50.0
89	67.7	57.2	85.8
182	3.0	2.6	4.0



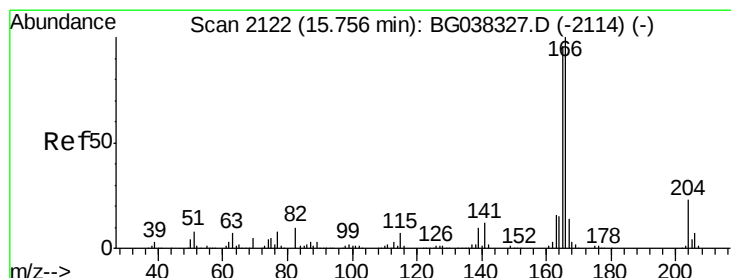
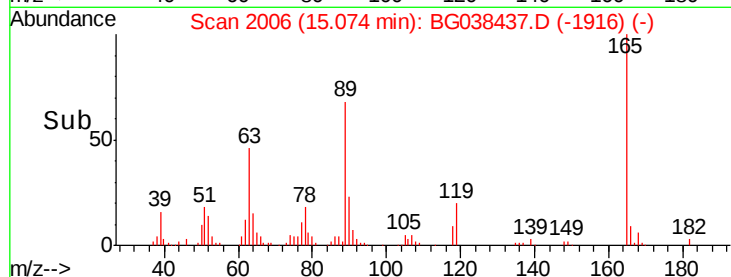
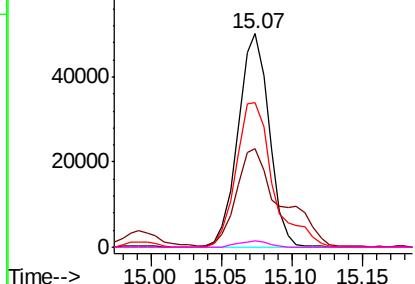
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

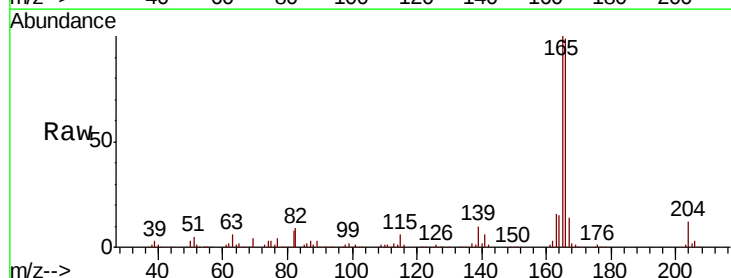
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.866 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.6
167	13.9	11.3	16.9

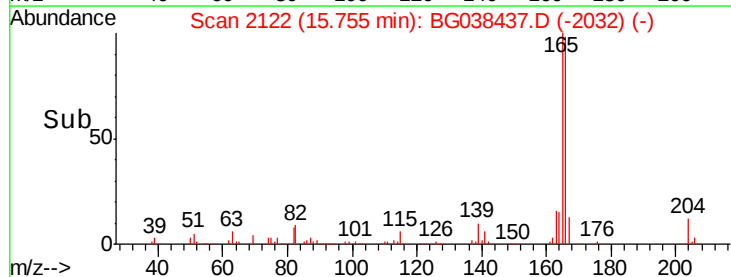
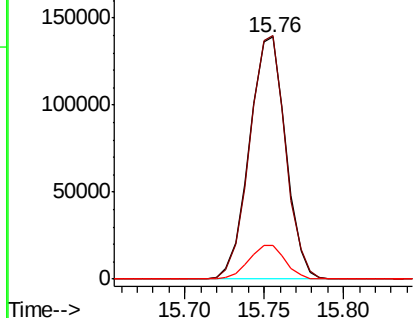


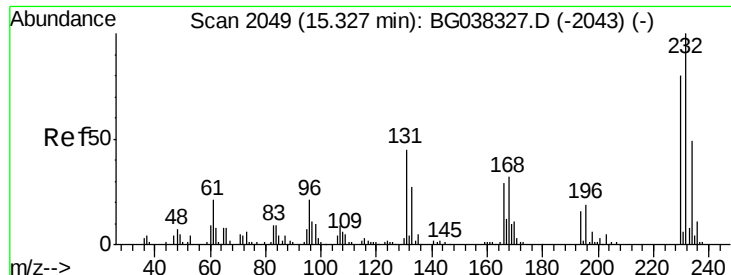
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.771 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 65050

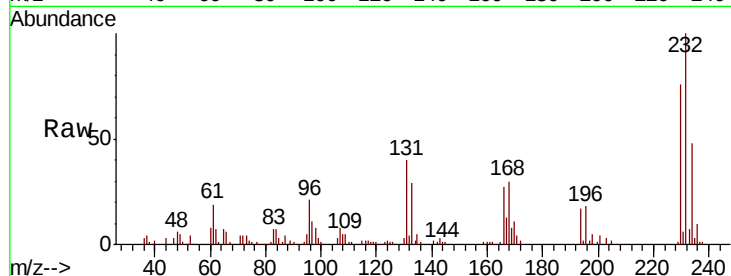
Ion Ratio Lower Upper

232 100

131 43.0 33.7 50.5

130 2.0 2.1 3.1#

166 29.4 24.6 36.8

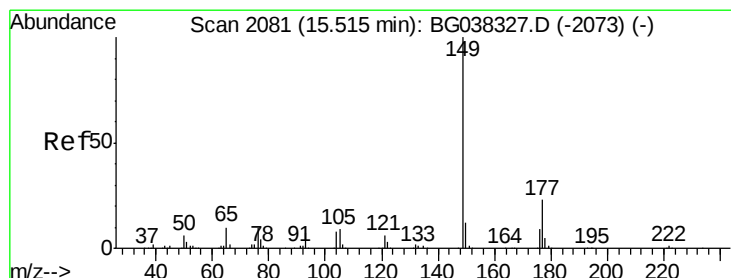
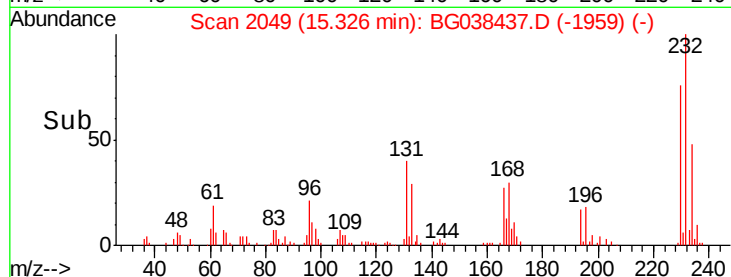
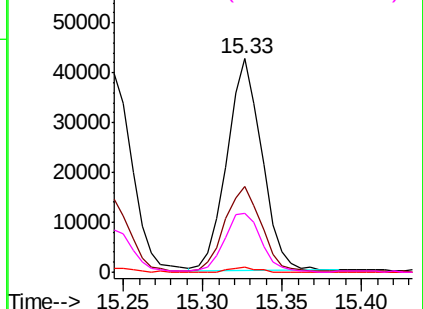


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.460 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

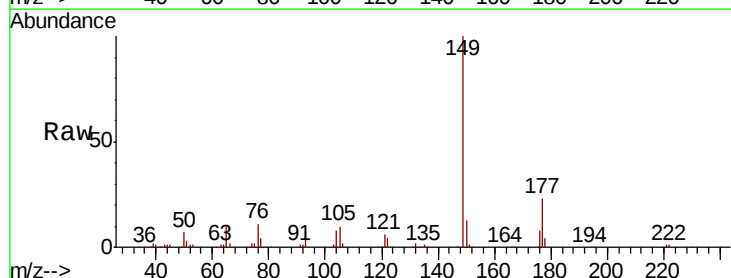
Tgt Ion:149 Resp: 244213

Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

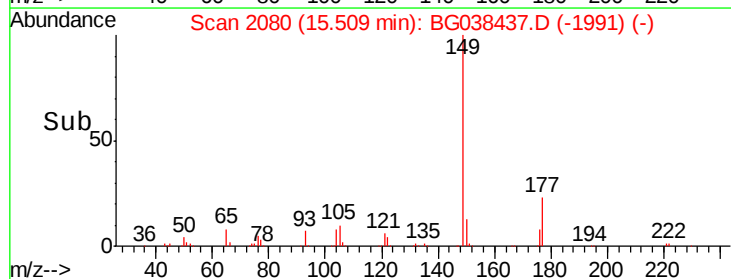
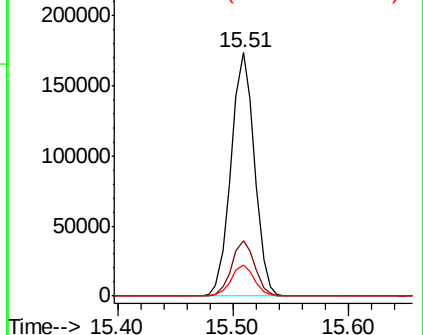
150 12.7 10.0 15.0

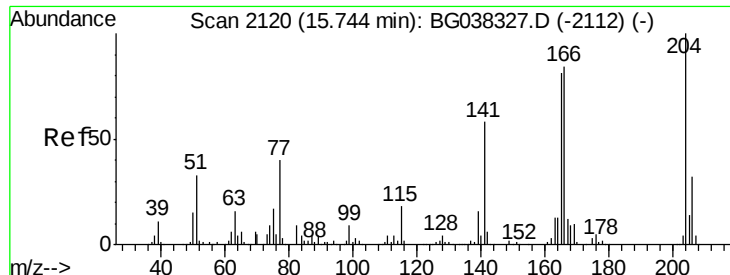


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

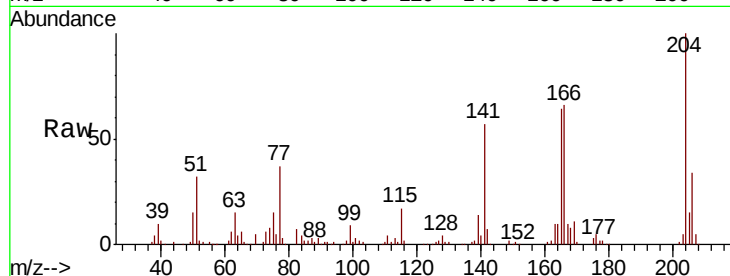




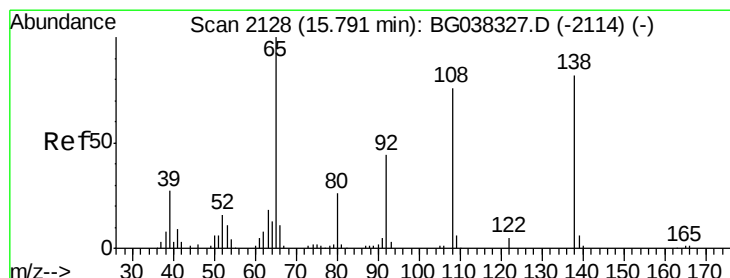
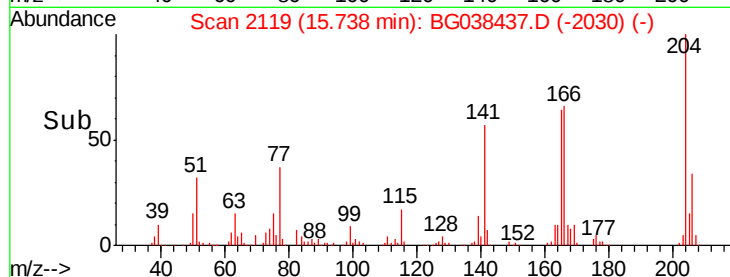
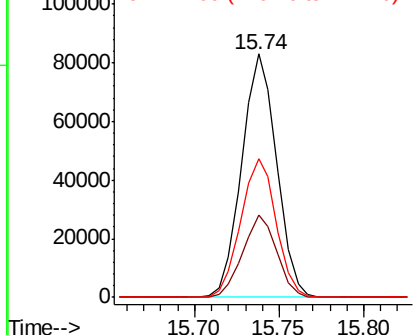
#61
4-Chlorophenyl-phenylether
Concen: 34.928 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 119345
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 57.0 45.4 68.2

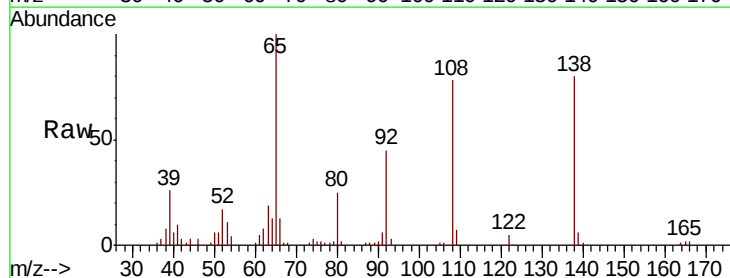


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

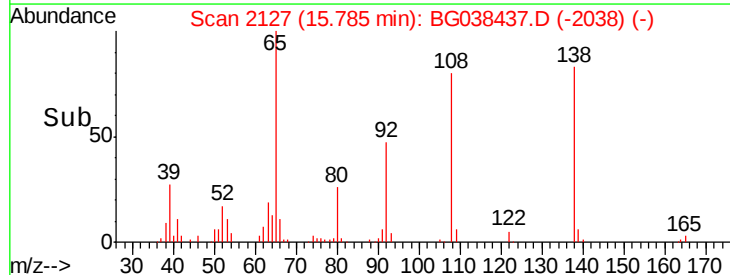
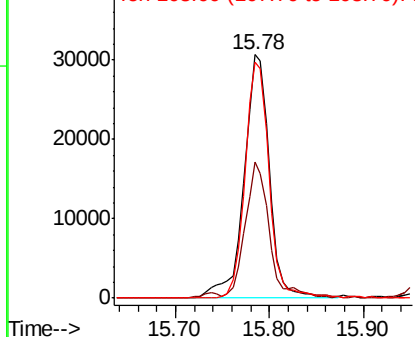


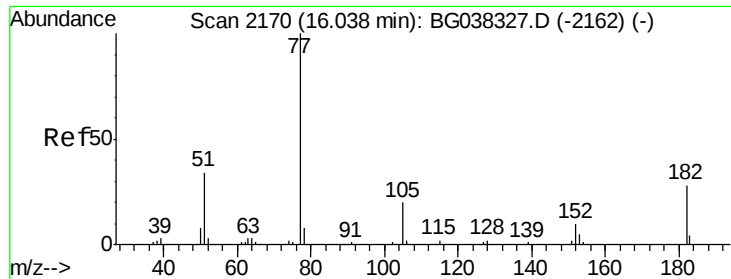
#62
4-Nitroaniline
Concen: 37.246 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:138 Resp: 57651
Ion Ratio Lower Upper
138 100
92 56.1 36.4 76.4
108 97.0 60.1 100.1



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





#63

Azobenzene

Concen: 34.644 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 214866

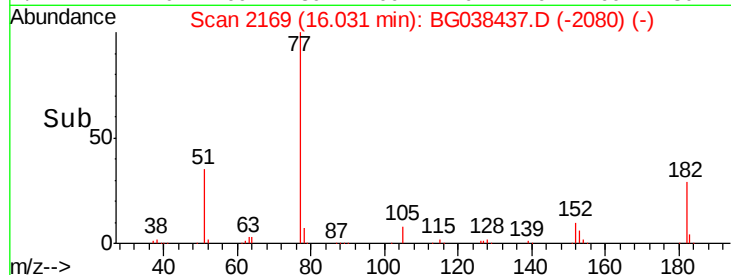
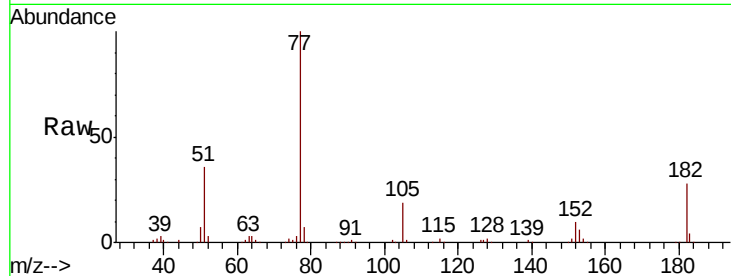
Ion Ratio Lower Upper

77 100

182 27.6 8.0 48.0

105 18.9 1.3 41.3

51 36.5 10.7 50.7

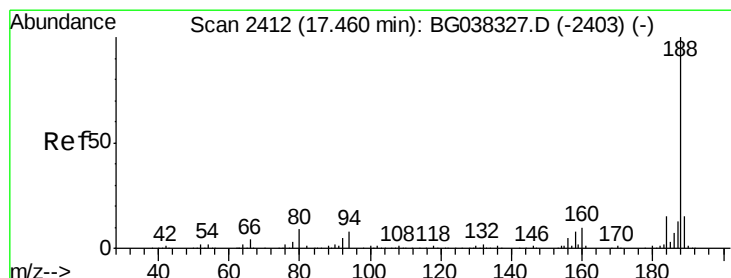
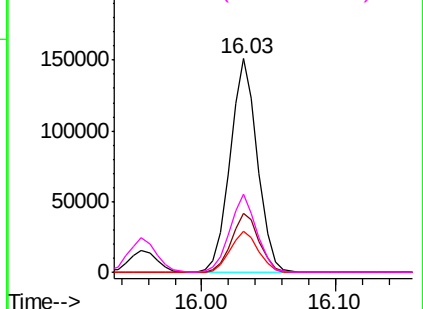


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

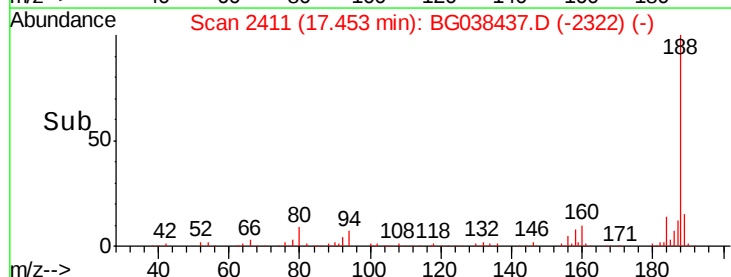
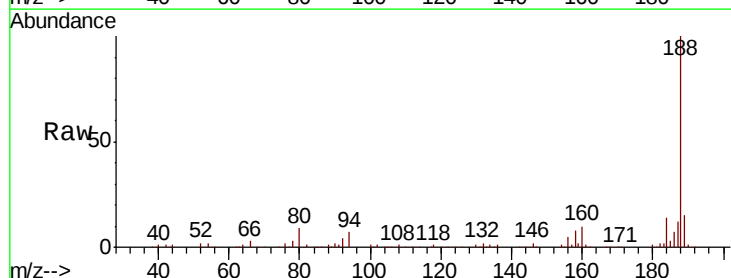
Tgt Ion: 188 Resp: 207697

Ion Ratio Lower Upper

188 100

94 7.1 7.2 10.8#

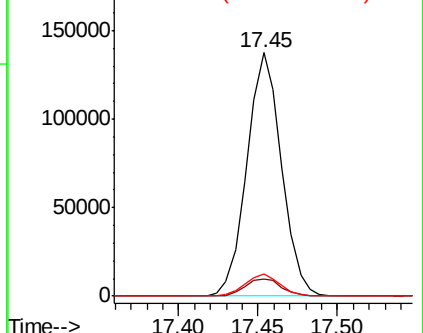
80 9.1 7.7 11.5

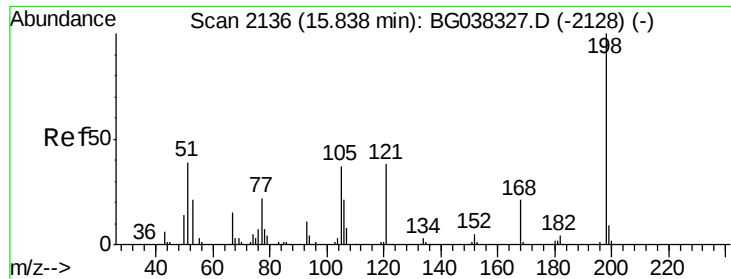


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

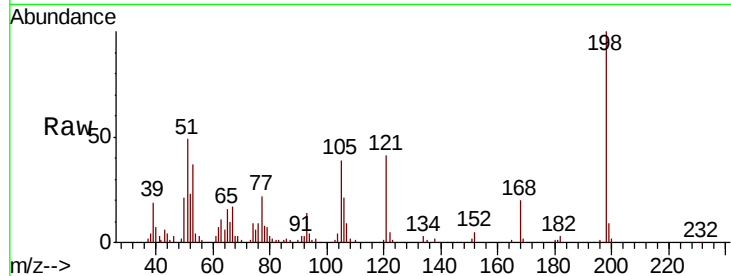




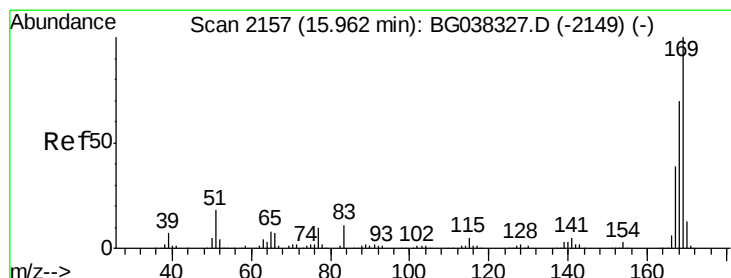
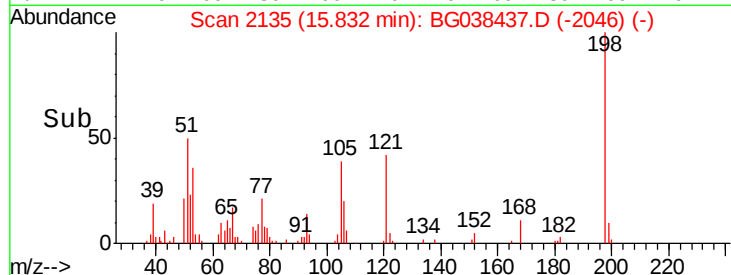
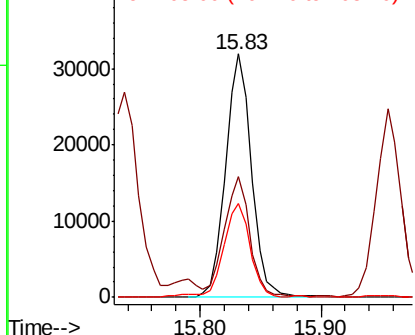
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.903 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 47498
 Ion Ratio Lower Upper
 198 100
 51 49.5 22.7 62.7
 105 38.7 19.7 59.7

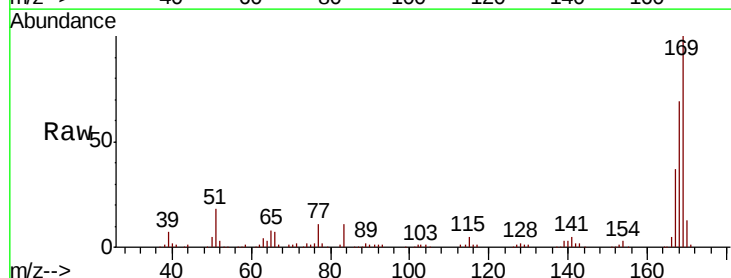


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

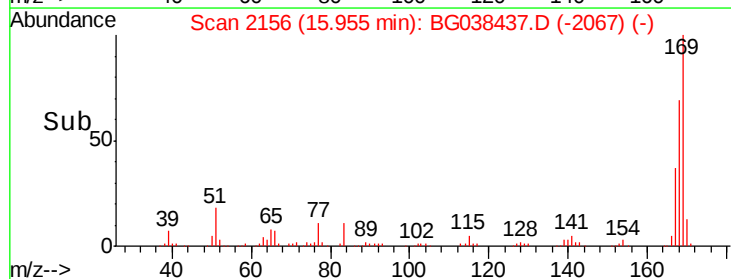
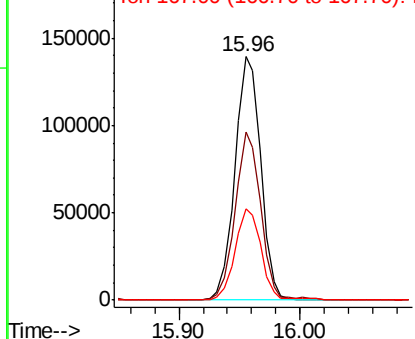


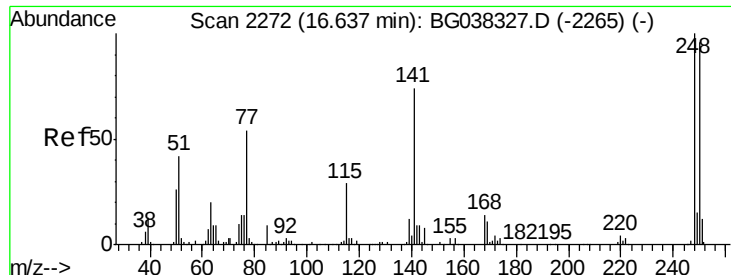
#66
 n-Nitrosodiphenylamine
 Concen: 35.429 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion:169 Resp: 206923
 Ion Ratio Lower Upper
 169 100
 168 69.0 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: 36.645 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

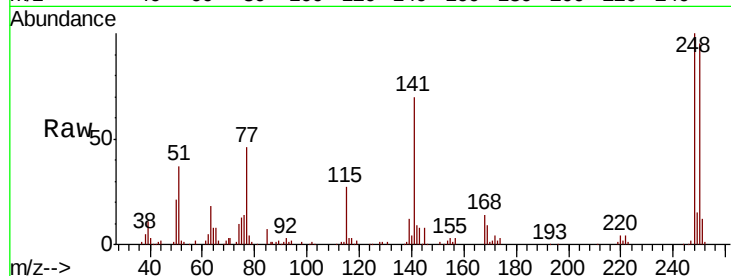
Tot Ion:248 Resp: 82191

Ion Ratio Lower Upper

248 100

250 95.5 77.0 115.6

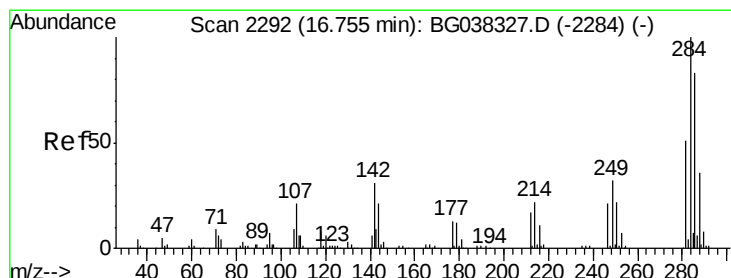
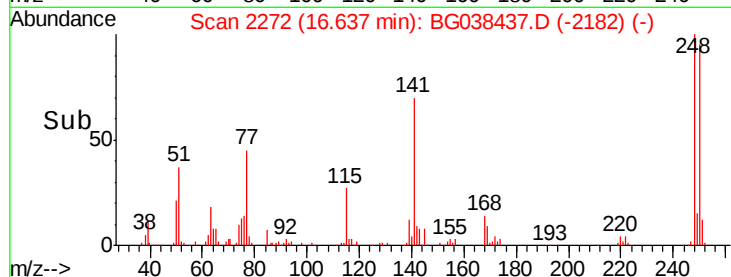
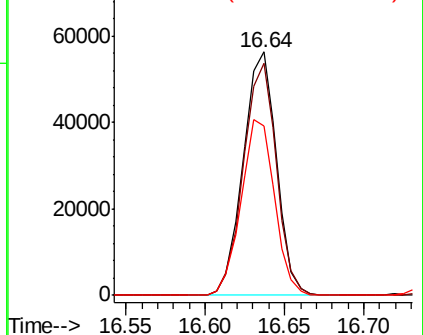
141 69.7 55.5 83.3



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: 36.611 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

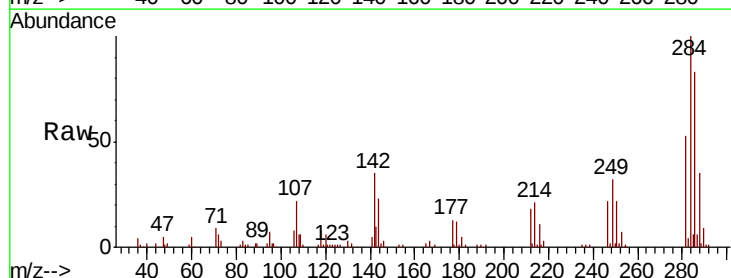
Tgt Ion:284 Resp: 84699

Ion Ratio Lower Upper

284 100

142 34.6 28.1 42.1

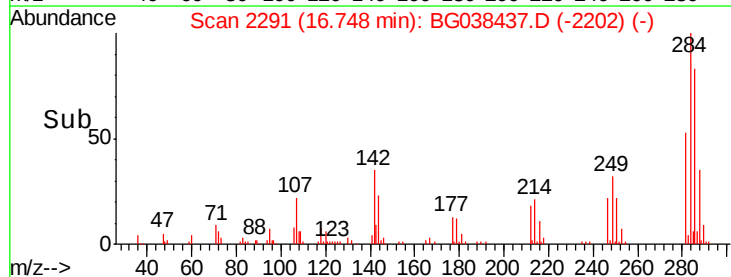
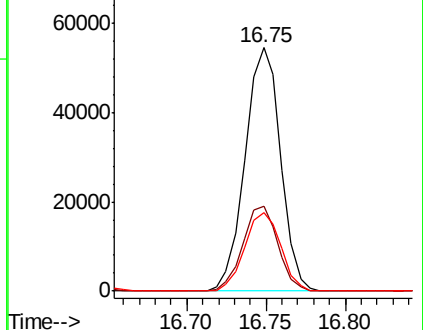
249 33.8 29.8 44.8

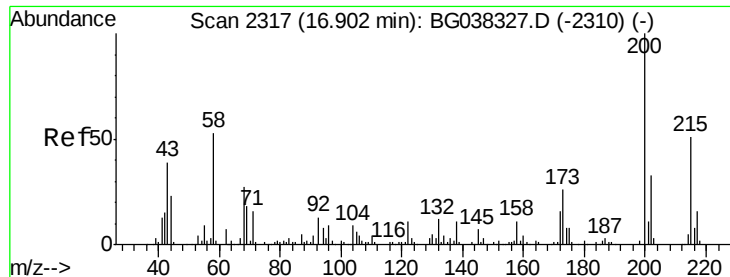


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.299 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

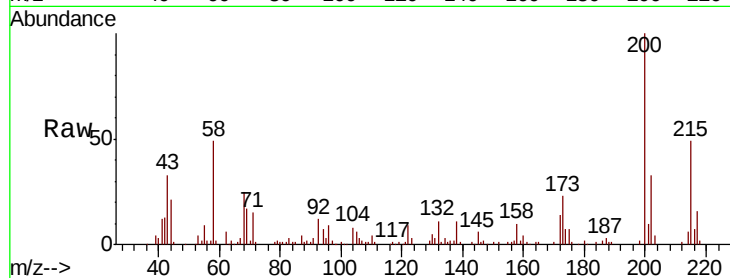
Tot Ion:200 Resp: 85647

Ion Ratio Lower Upper

200 100

173 23.4 6.1 46.1

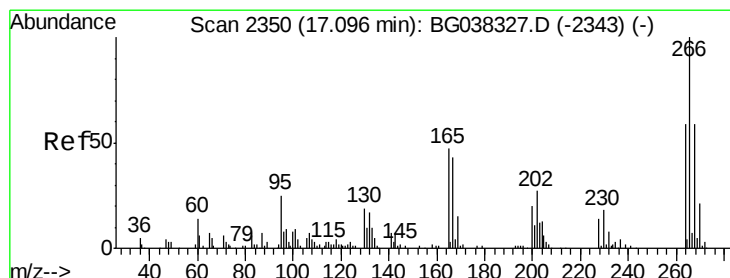
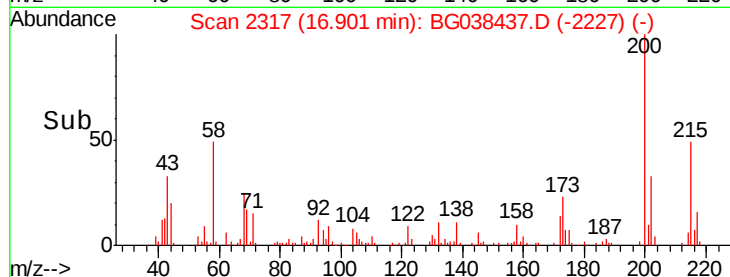
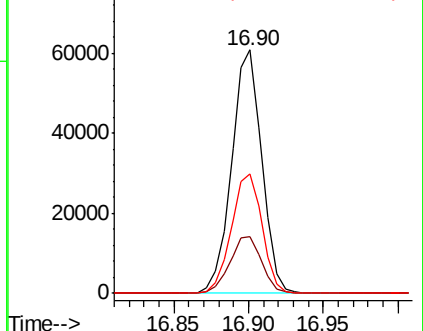
215 49.1 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 61.870 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

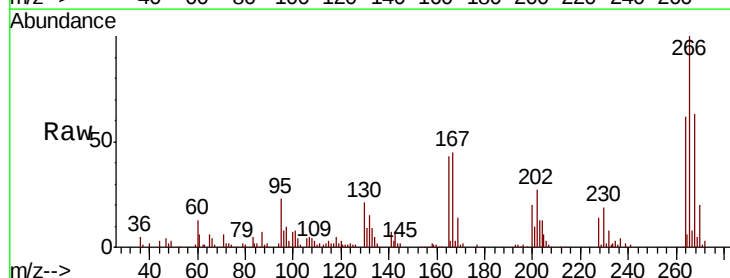
Tgt Ion:266 Resp: 98039

Ion Ratio Lower Upper

266 100

268 67.7 55.0 82.6

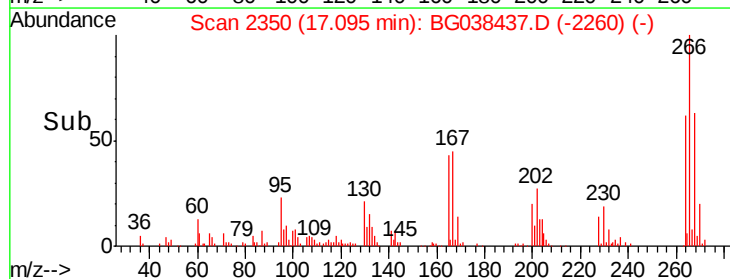
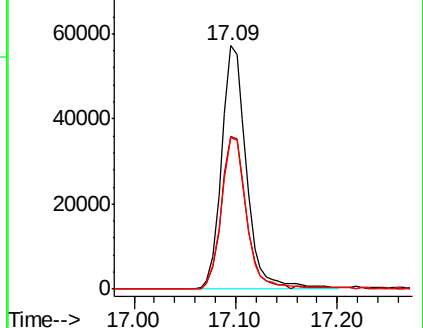
264 68.0 58.9 88.3

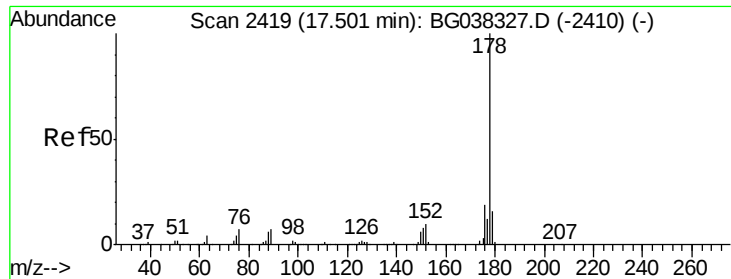


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

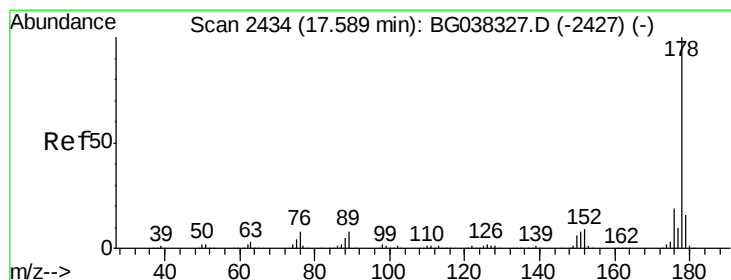
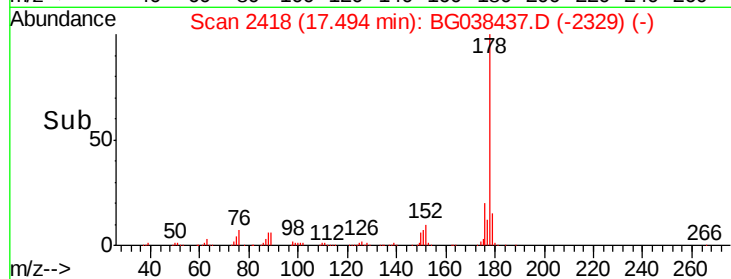
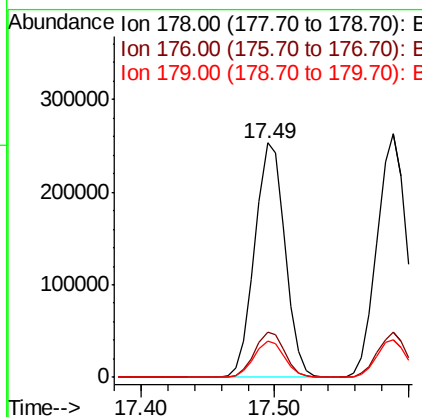
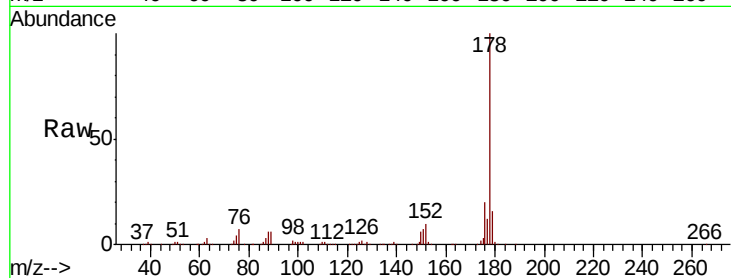




#71
 Phenanthrene
 Concen: 37.996 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

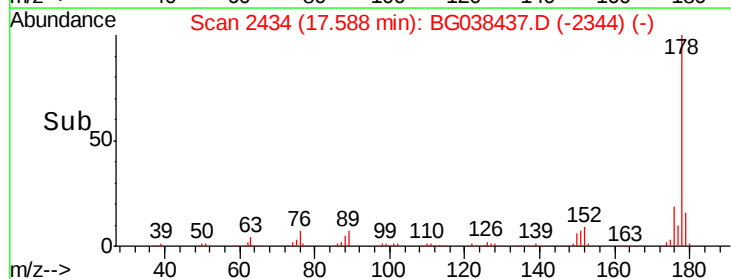
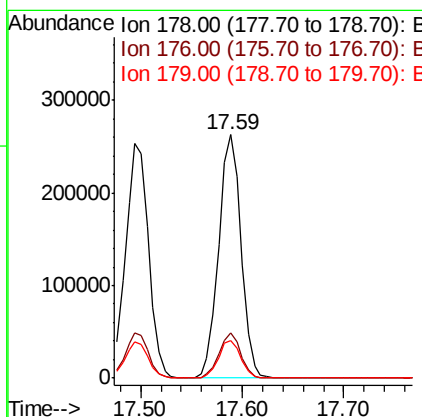
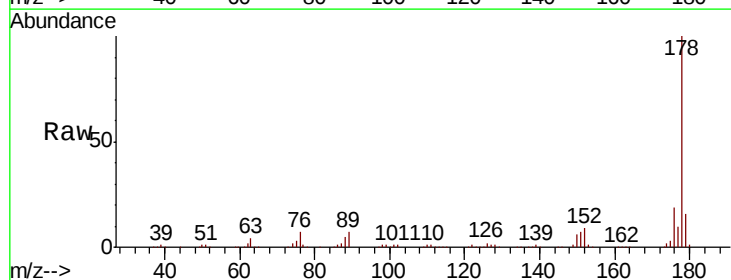
Instrument :
 BNA_G
 ClientSampleId :

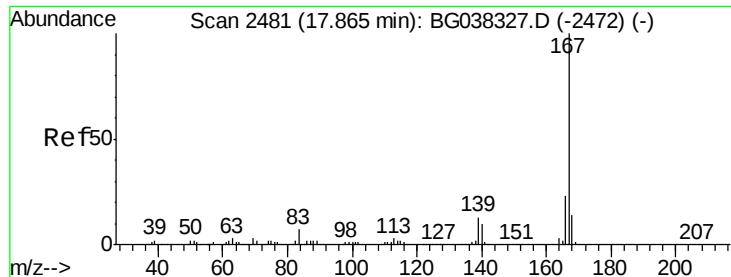
Tot Ion:178 Resp: 395214
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.1 24.1
 179 15.5 13.0 19.4



#72
 Anthracene
 Concen: 40.019 ng
 RT: 17.59 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion:178 Resp: 403104
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.6 12.8 19.2

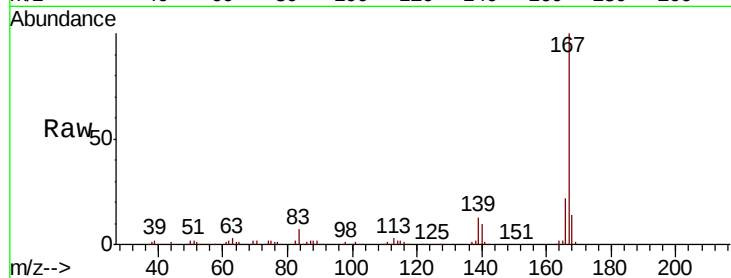




#73
 Carbazole
 Concen: 36.735 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.3	27.5
139	12.6	10.5	15.7

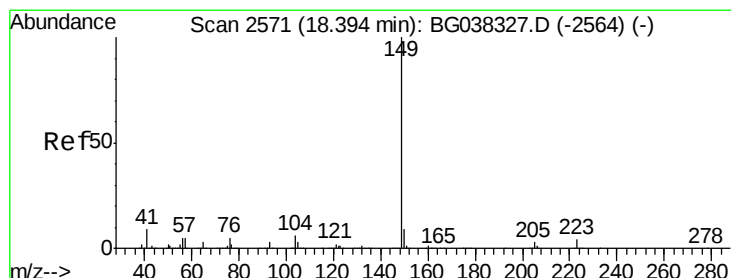
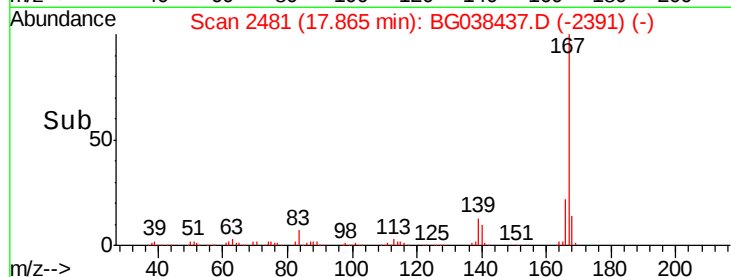
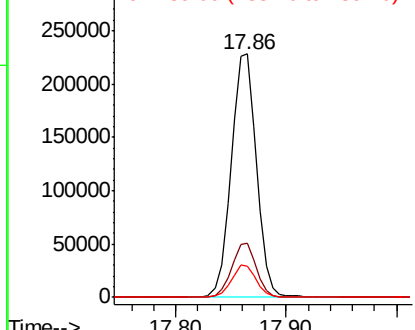


Abundance

Ion 167.00 (166.70 to 167.70): E

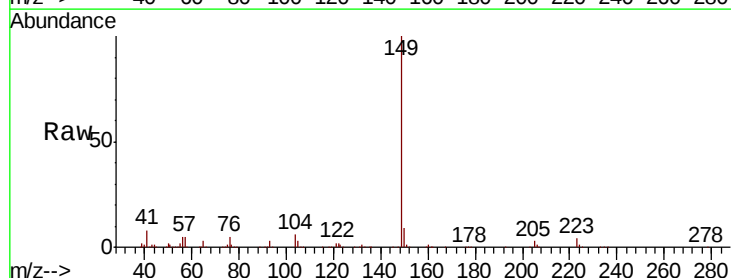
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 37.928 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.2
104	5.7	4.0	6.0

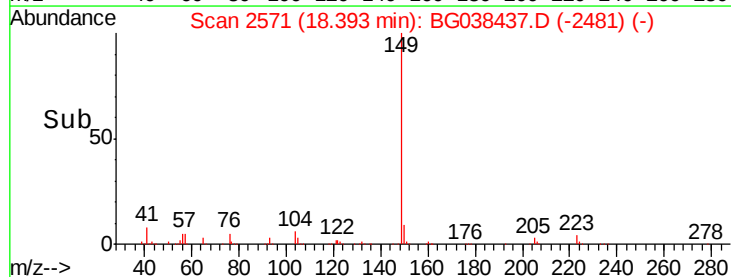
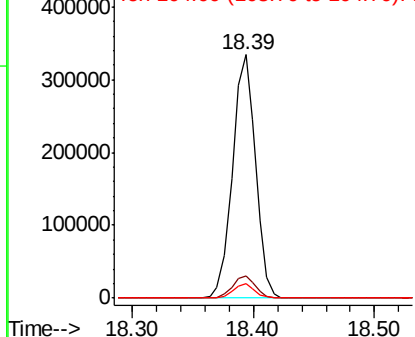


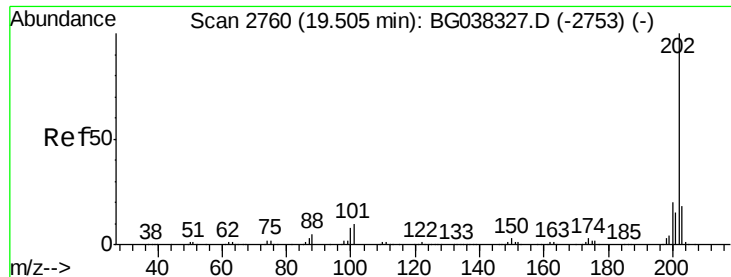
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

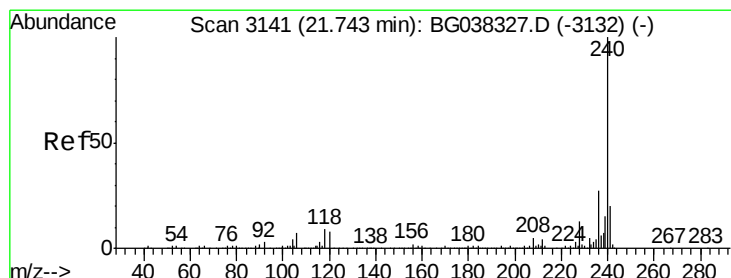
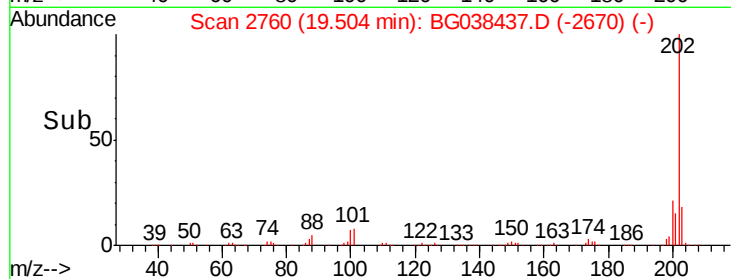
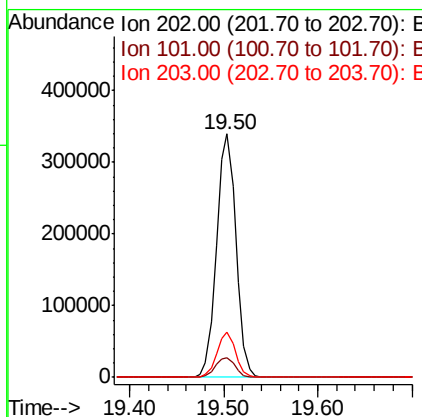
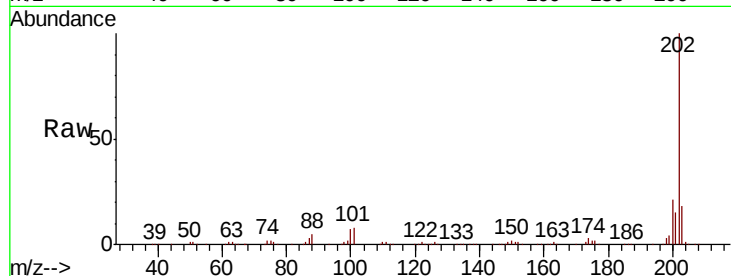




#75
 Fluoranthene
 Concen: 40.435 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

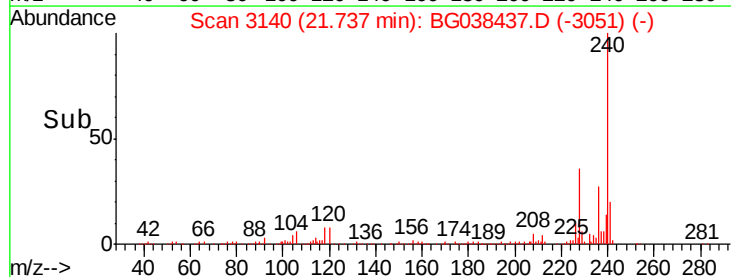
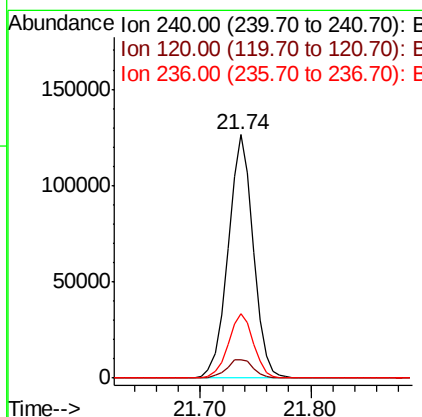
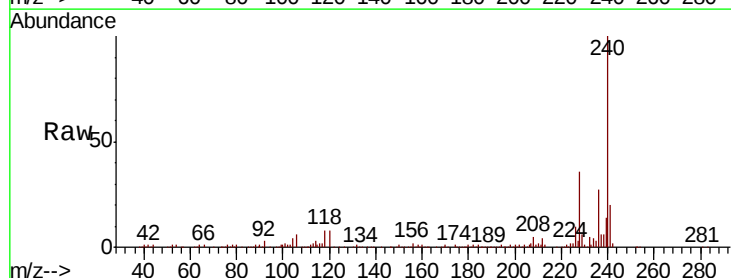
Instrument :
 BNA_G
 ClientSampleId :

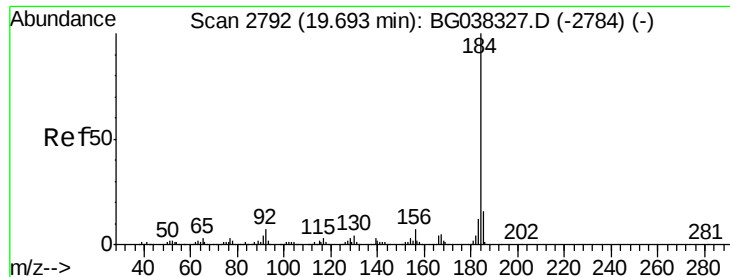
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.7
203	18.5	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.1	12.1#
236	26.7	21.4	32.0





#77

Benzidine

Concen: 19.740 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

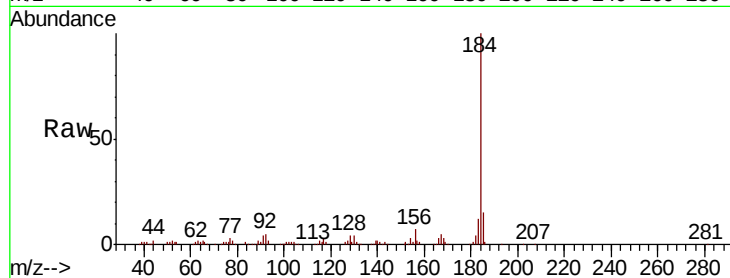
Tot Ion:184 Resp: 133691

Ion Ratio Lower Upper

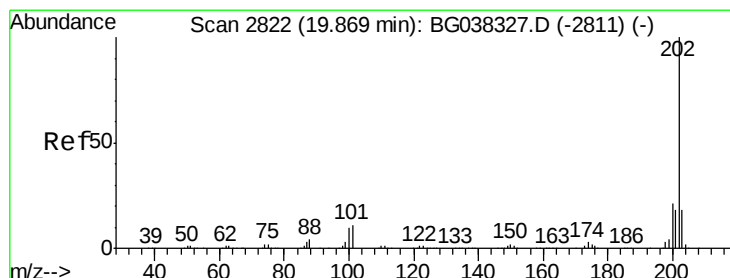
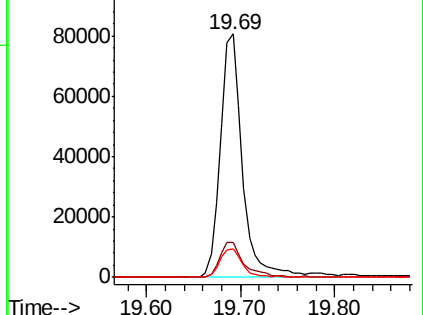
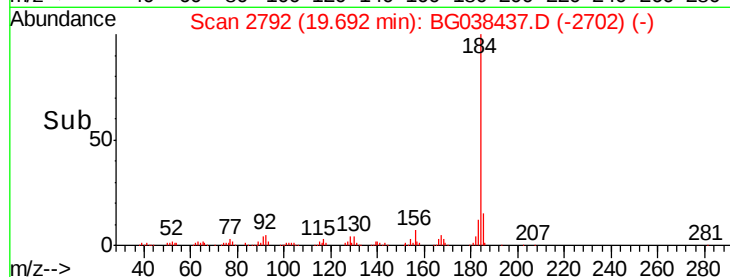
184 100

185 14.6 12.6 18.8

183 11.8 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.657 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

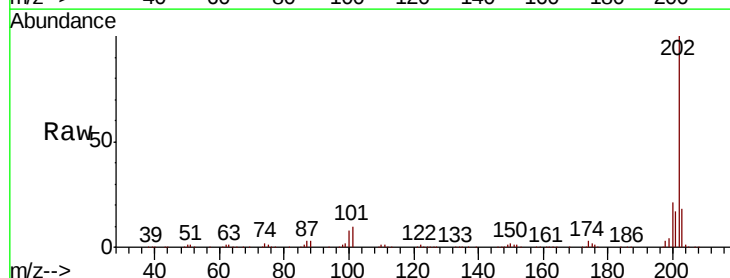
Tgt Ion:202 Resp: 486677

Ion Ratio Lower Upper

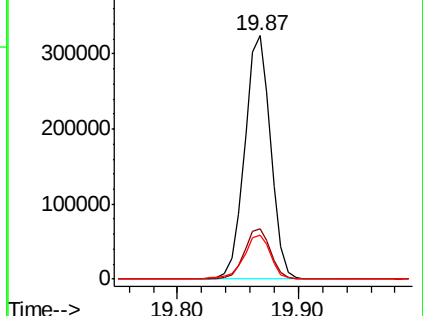
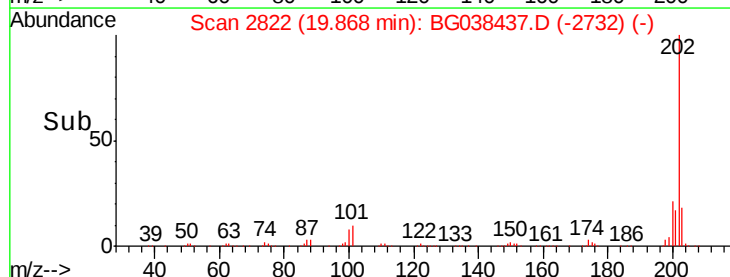
202 100

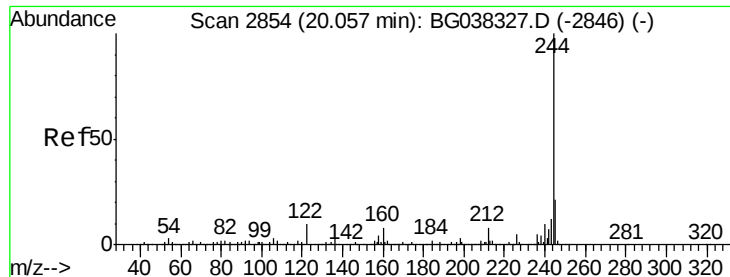
200 20.6 17.8 26.6

203 18.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.351 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

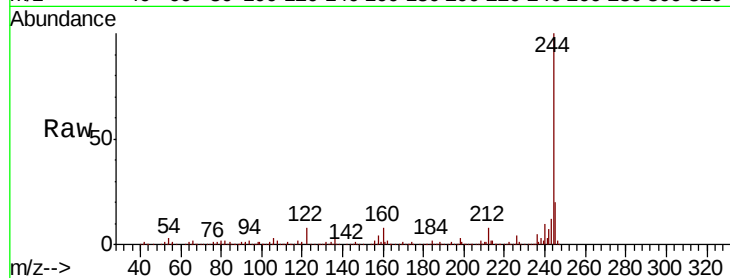
Tot Ion:244 Resp: 687206

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

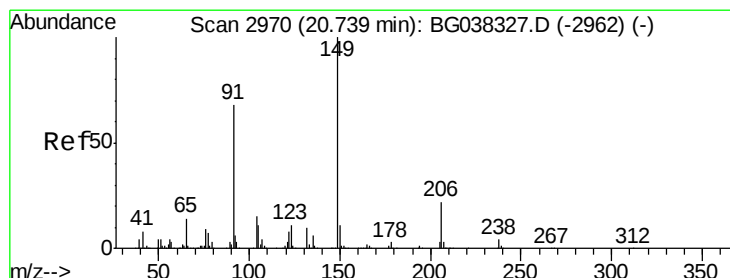
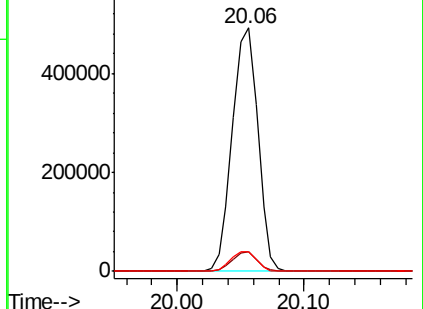
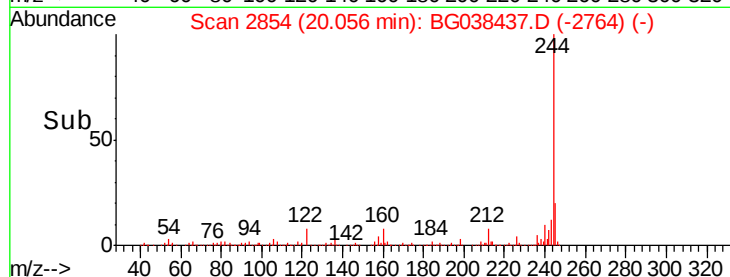
122 7.9 9.0 13.4#



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: 33.924 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

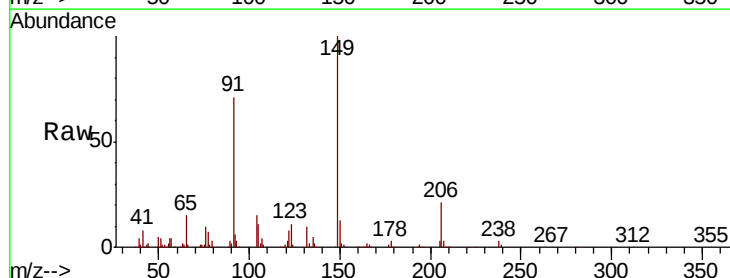
Tgt Ion:149 Resp: 191606

Ion Ratio Lower Upper

149 100

91 70.9 57.0 85.4

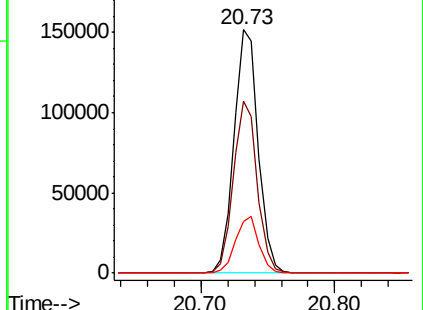
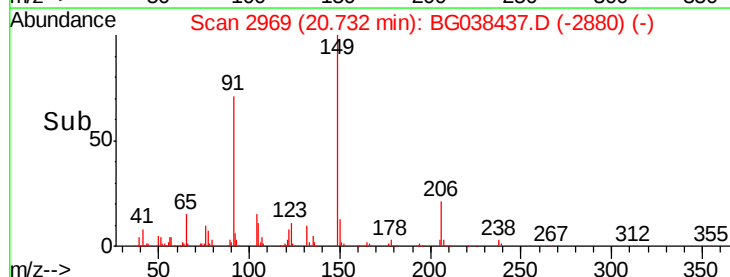
206 21.3 17.8 26.6

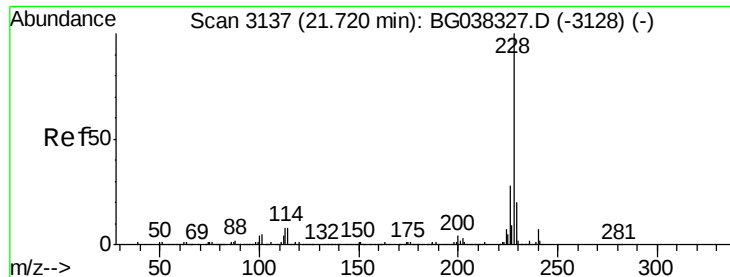


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.825 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

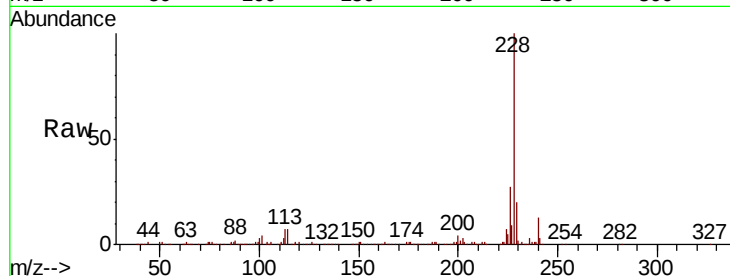
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 454247

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.2	16.3	24.5

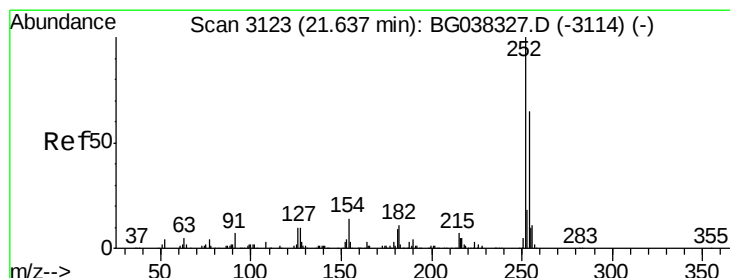
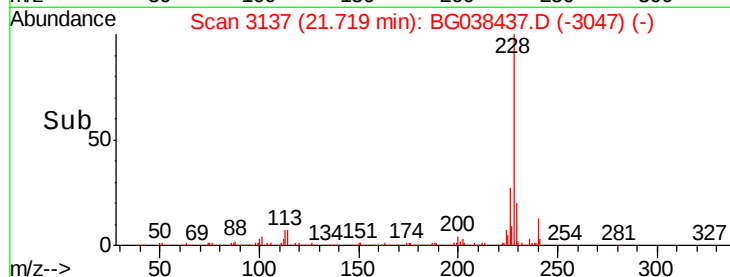
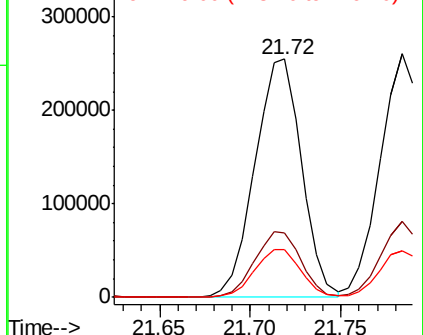


Abundance

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: 22.399 ng

RT: 21.63 min Scan# 3122

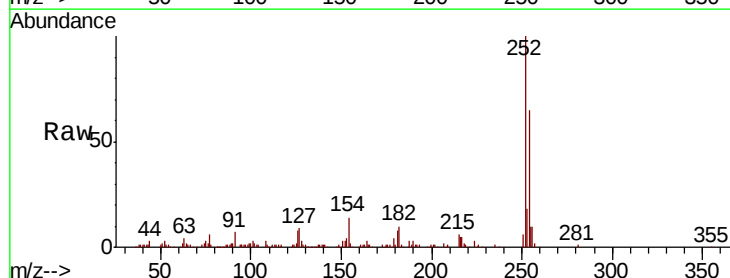
Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:252 Resp: 107483

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	8.3	8.2	12.4

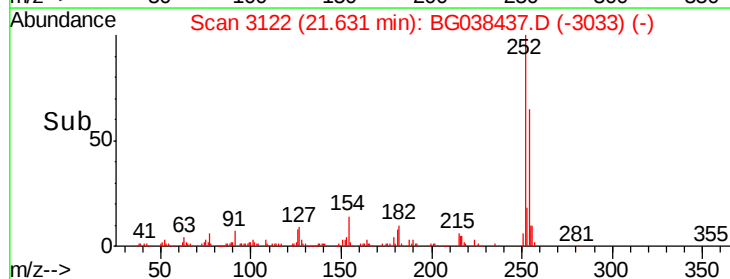
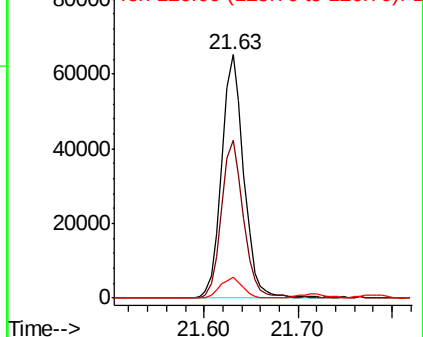


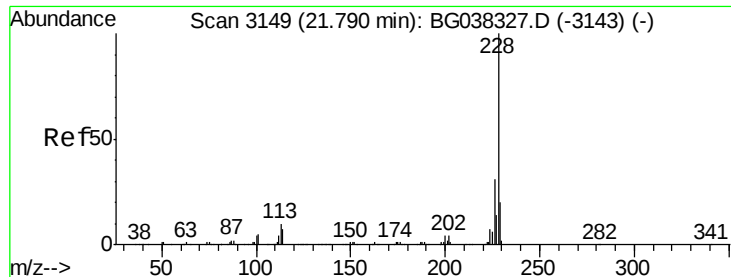
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.496 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

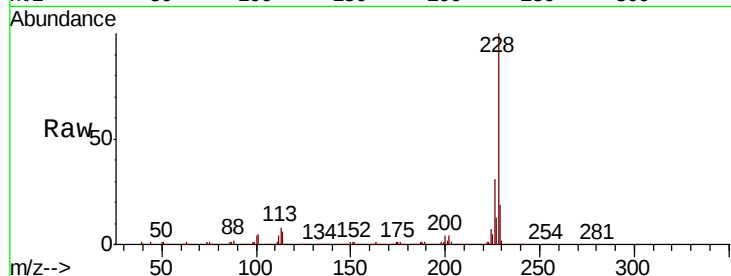
Tot Ion:228 Resp: 426026

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

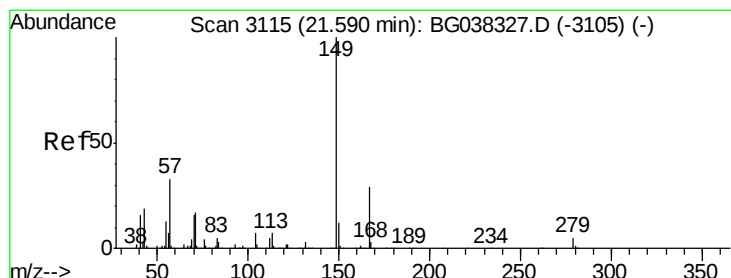
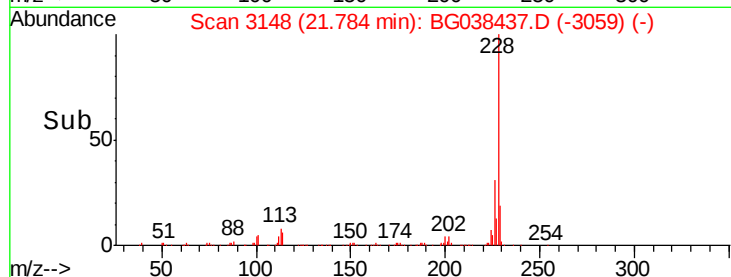
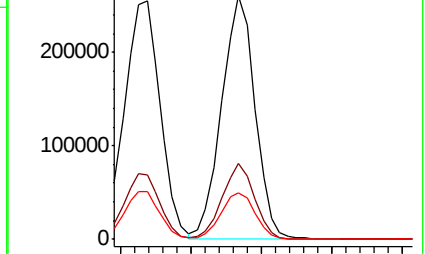
229 19.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.141 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

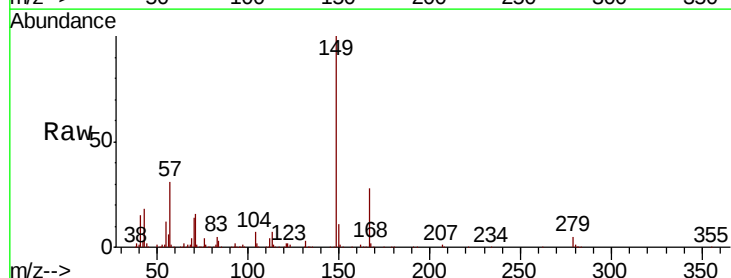
Tgt Ion:149 Resp: 273313

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

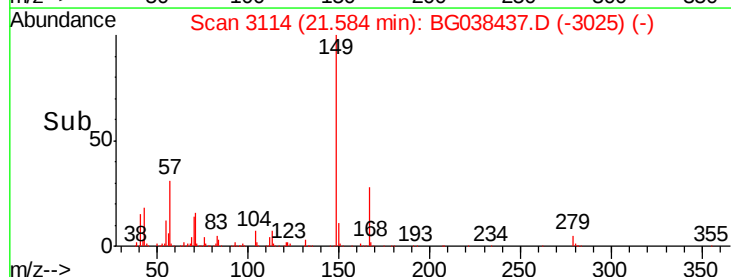
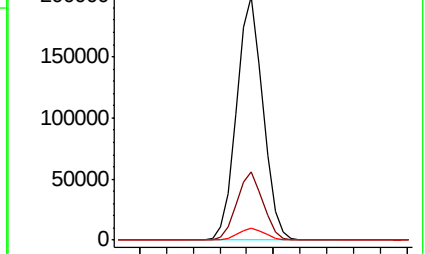
279 4.7 3.6 5.4

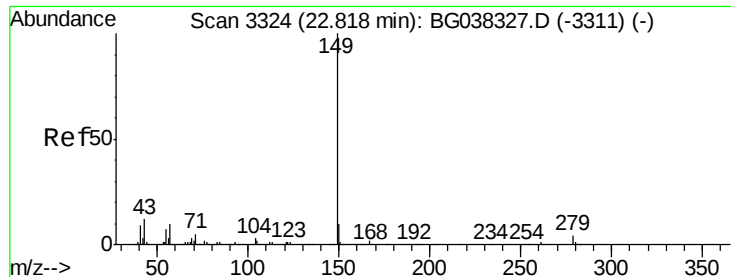


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.550 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

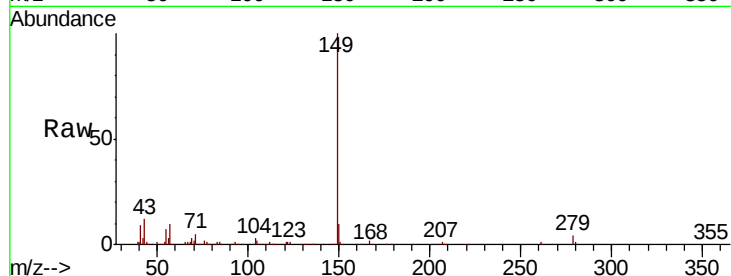
Tot Ion:149 Resp: 460537

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

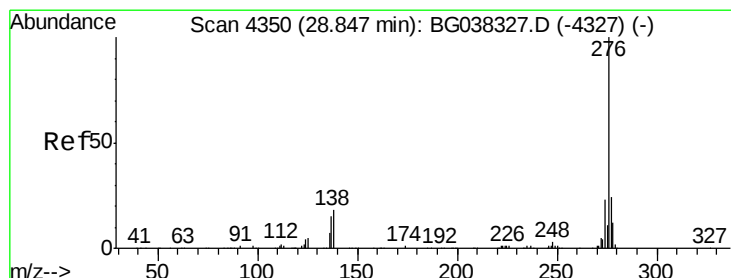
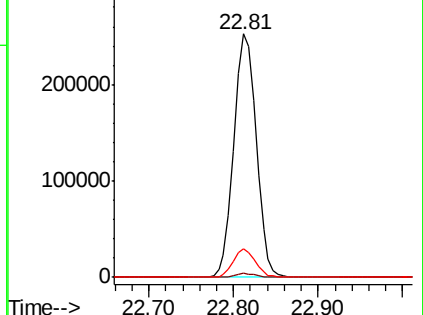
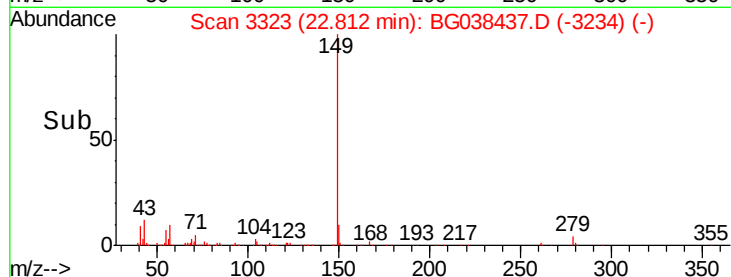
43 11.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.453 ng

RT: 28.83 min Scan# 4348

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

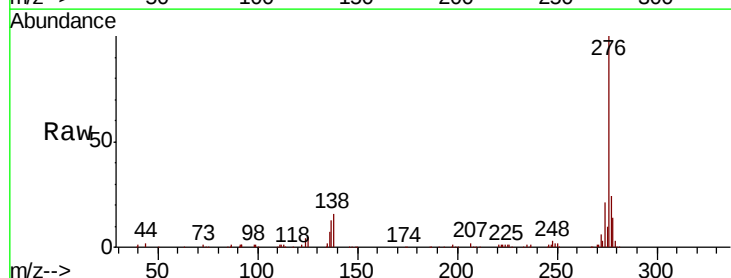
Tgt Ion:276 Resp: 510122

Ion Ratio Lower Upper

276 100

138 20.3 12.0 18.0#

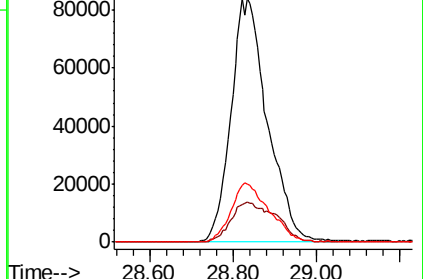
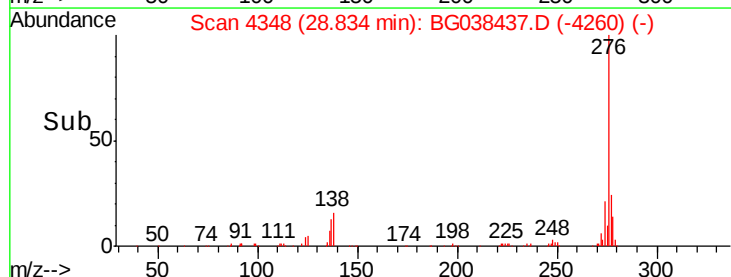
277 25.3 20.6 30.8

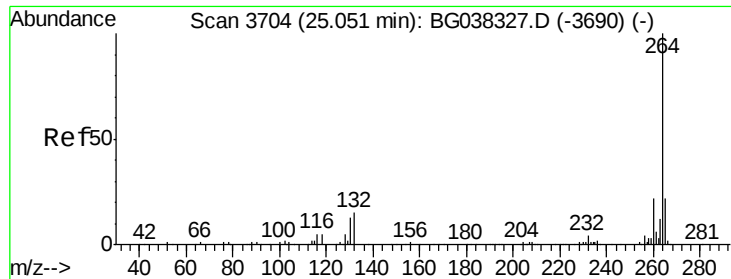


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

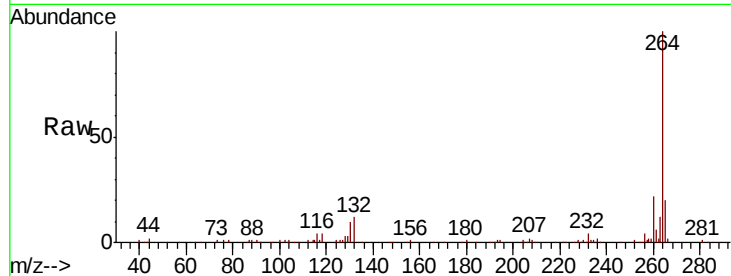




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	20.4	17.9	26.9

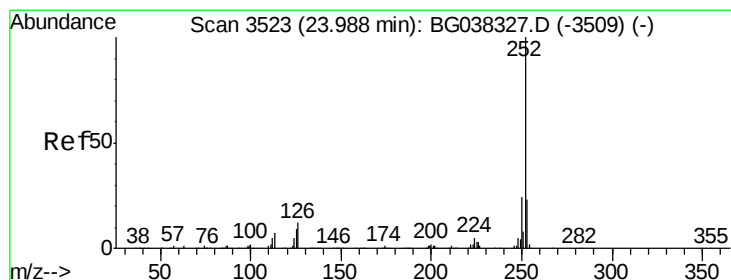
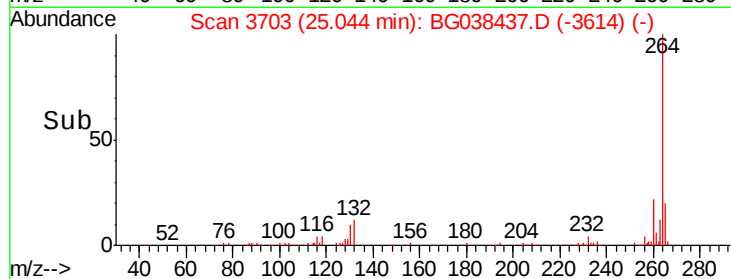
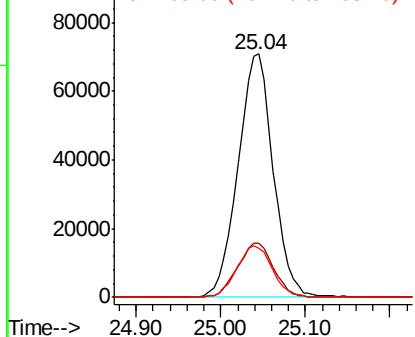


Abundance

Ion 264.00 (263.70 to 264.70): E

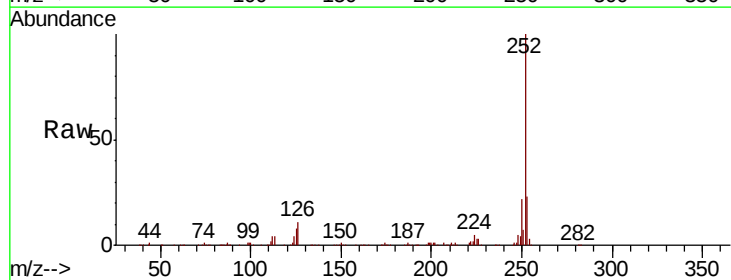
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.684 ng
RT: 24.05 min Scan# 3534
Delta R.T. 0.06 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	7.8	7.8	11.6

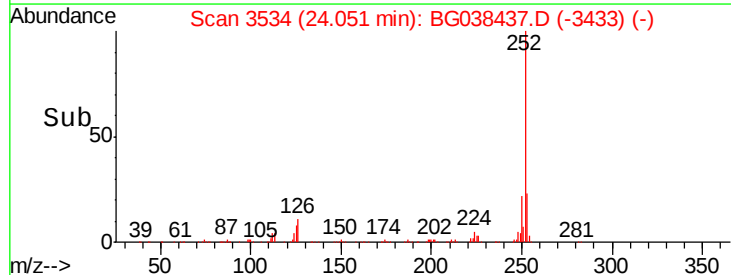
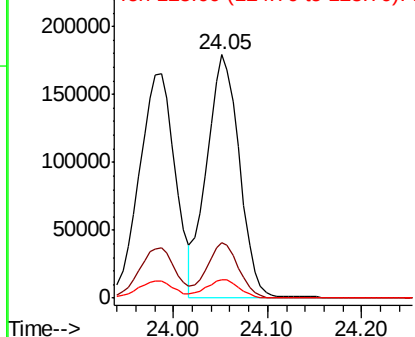


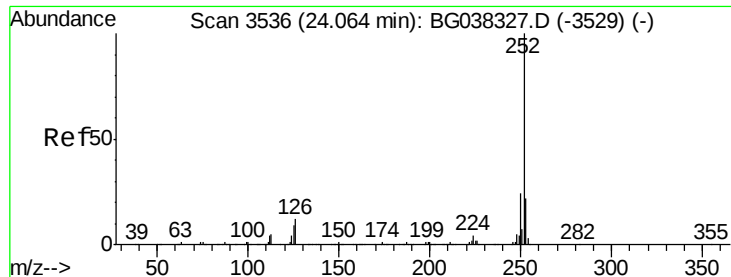
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

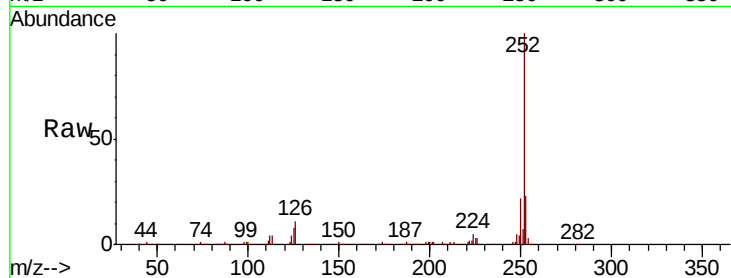




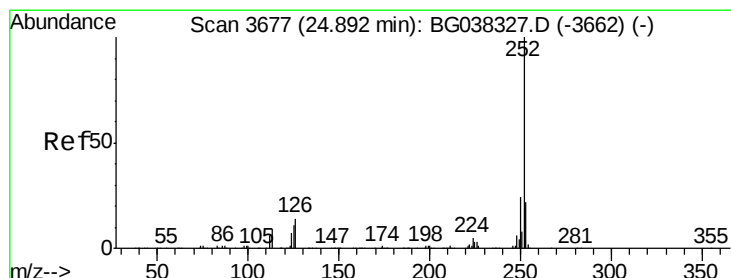
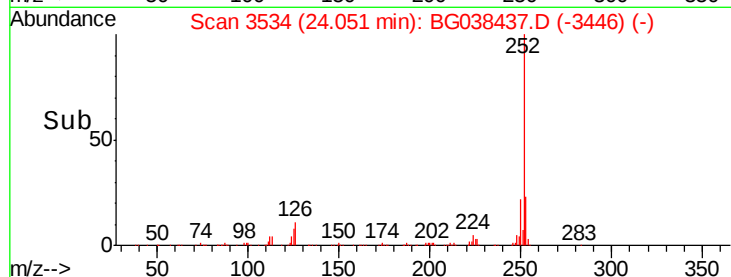
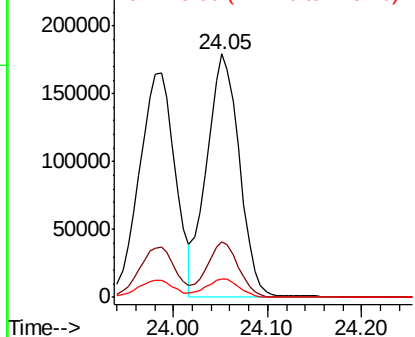
#89
Benzo(k)fluoranthene
Concen: 37.837 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 434994
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 7.8 7.4 11.0

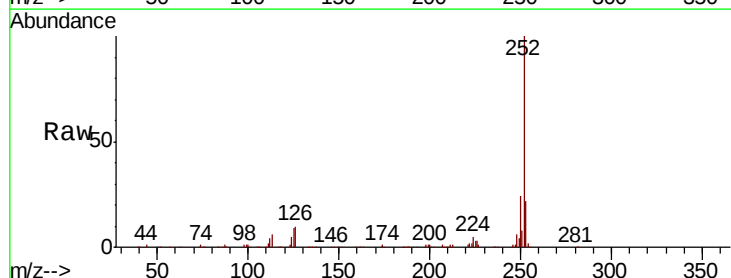


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

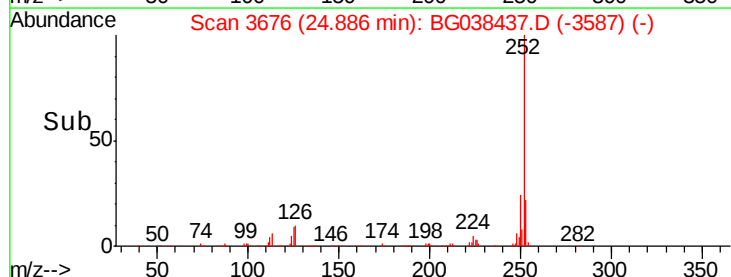
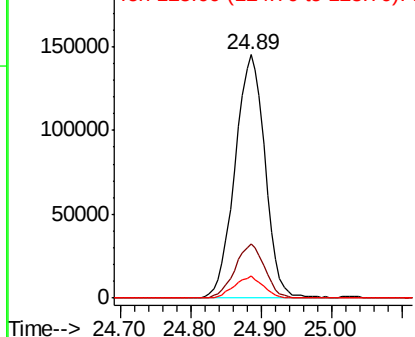


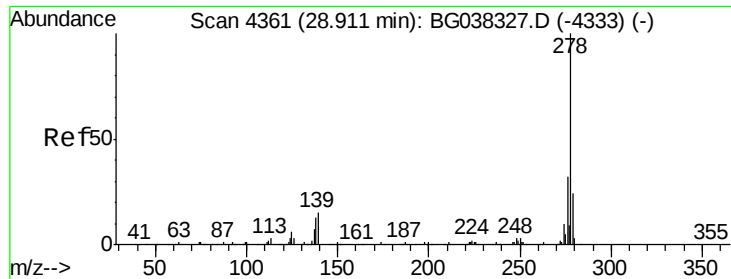
#90
Benzo(a)pyrene
Concen: 38.325 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion:252 Resp: 429106
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

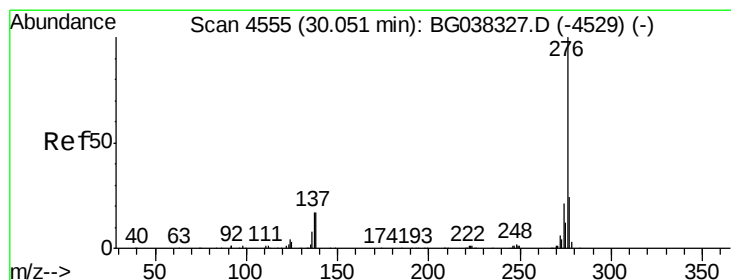
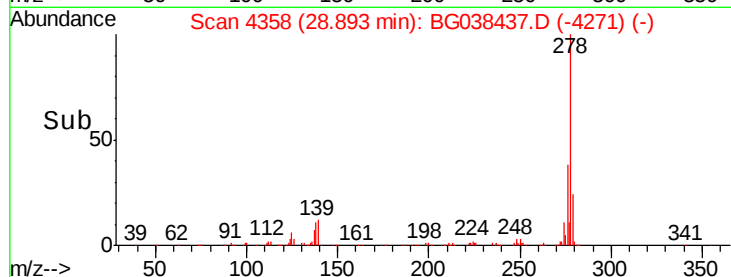
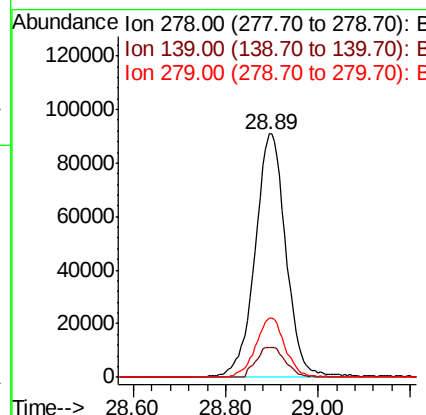
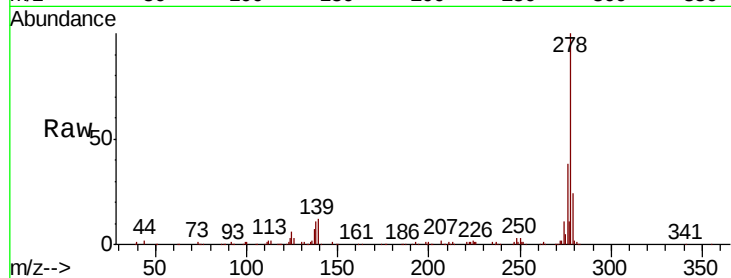




#91
Dibenzo(a,h)anthracene
Concen: 39.726 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.5	17.3
279	24.2	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 53.597 ng
RT: 30.03 min Scan# 4552
Delta R.T. -0.02 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	23.2	17.2	25.8

