

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038438.D
 Acq On : 10 Dec 2018 12:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 16:35:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	32315	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	144276	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	93575	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	224344	20.00	ng	0.00
76) Chrysene-d12	21.74	240	246350	20.00	ng	0.00
87) Perylene-d12	25.05	264	229750	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	144234	78.99	ng	0.00
7) Phenol-d6	7.22	99	211576	80.16	ng	0.00
23) Nitrobenzene-d5	9.25	82	223987	77.08	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	98447	85.70	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	520749	79.30	ng	0.00
79) Terphenyl-d14	20.06	244	755606	65.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	33533	40.067	ng	96
3) Pyridine	3.91	79	120356	48.069	ng	97
4) n-Nitrosodimethylamine	3.83	42	50143	45.719	ng	# 93
6) Aniline	7.40	93	133405	39.575	ng	97
8) 2-Chlorophenol	7.63	128	86822	40.939	ng	98
9) Benzaldehyde	7.21	77	63521	38.008	ng	97
10) Phenol	7.25	94	111714	40.061	ng	90
11) bis(2-Chloroethyl)ether	7.49	93	89699	39.276	ng	100
12) 1,3-Dichlorobenzene	7.96	146	98414	39.704	ng	96
13) 1,4-Dichlorobenzene	8.11	146	98890	38.560	ng	99
14) 1,2-Dichlorobenzene	8.43	146	94109	39.812	ng	96
15) Benzyl Alcohol	8.31	79	81647	37.628	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.60	45	199883	38.478	ng	96
17) 2-Methylphenol	8.51	107	76886	39.271	ng	97
18) Hexachloroethane	9.15	117	37988	41.041	ng	96
19) n-Nitroso-di-n-propylamine	8.88	70	76176	39.462	ng	90
20) 3+4-Methylphenols	8.84	107	107789	38.368	ng	95
22) Acetophenone	8.90	105	142756	41.060	ng	# 96
24) Nitrobenzene	9.29	77	112312	38.040	ng	96
25) Isophorone	9.81	82	191992	37.594	ng	98
26) 2-Nitrophenol	10.00	139	57444	41.991	ng	93
27) 2,4-Dimethylphenol	10.05	122	83811	42.654	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	118387	40.438	ng	98
29) 2,4-Dichlorophenol	10.53	162	96435	42.995	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	104970	39.867	ng	99
31) Naphthalene	10.94	128	277535	40.271	ng	99
32) Benzoic acid	10.19	122	51166	37.802	ng	97
33) 4-Chloroaniline	11.06	127	132028	43.275	ng	98
34) Hexachlorobutadiene	11.20	225	70905	43.046	ng	94
35) Caprolactam	11.85	113	39231	42.296	ng	# 91
36) 4-Chloro-3-methylphenol	12.16	107	108220	43.425	ng	99
37) 2-Methylnaphthalene	12.54	142	305489	62.244	ng	99
38) 1-Methylnaphthalene	12.76	142	204975	43.605	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	136358	42.348	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038438.D
 Acq On : 10 Dec 2018 12:52
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 16:35:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

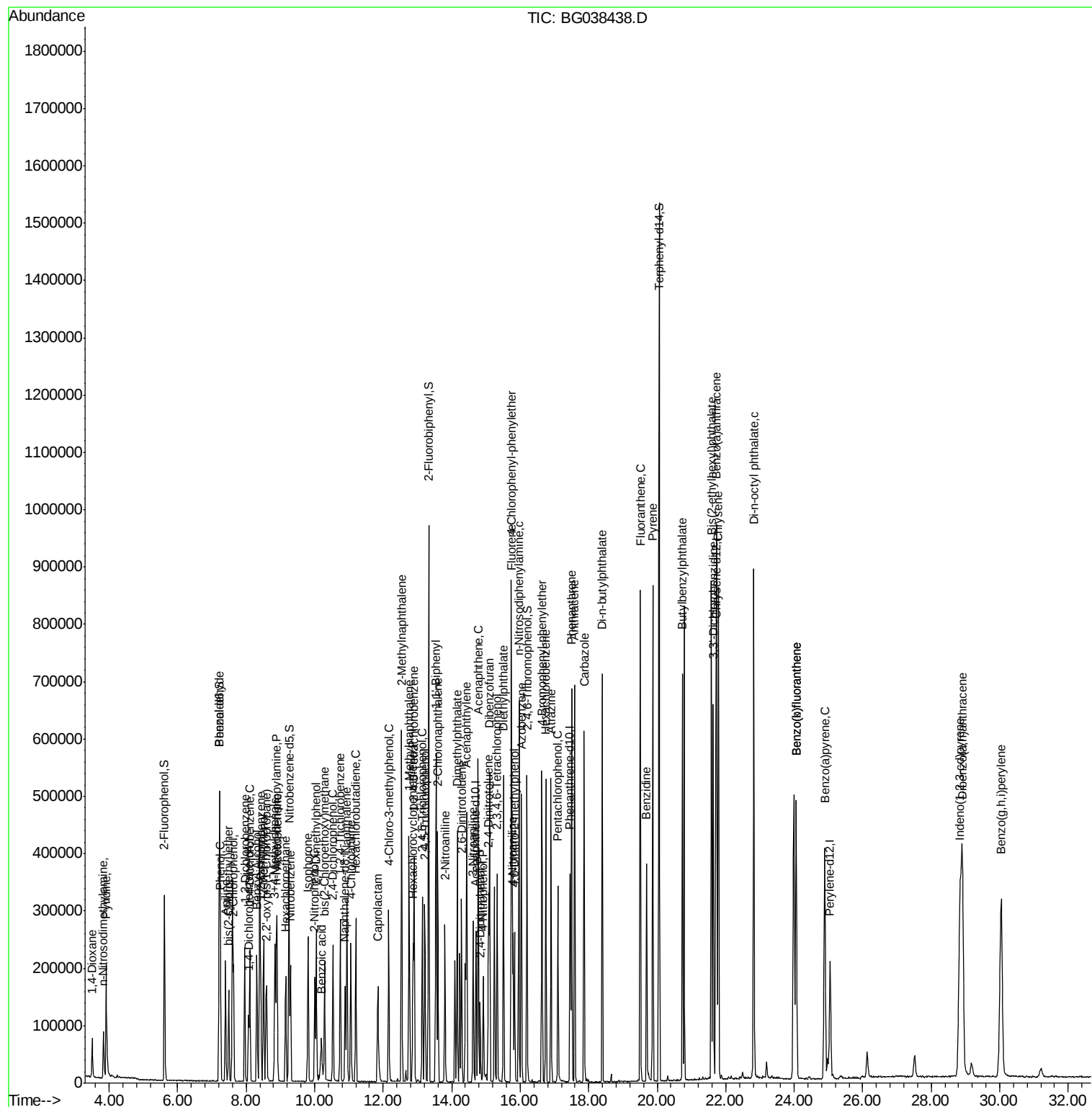
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	71787	40.570	ng	97
43) 2,4,6-Trichlorophenol	13.14	196	86511	41.476	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	91534	41.424	ng	97
46) 1,1'-Biphenyl	13.54	154	309912	39.181	ng	99
47) 2-Chloronaphthalene	13.59	162	235452	39.448	ng	99
48) 2-Nitroaniline	13.80	65	81837	40.868	ng	98
49) Acenaphthylene	14.44	152	357391	39.757	ng	99
50) Dimethylphthalate	14.16	163	303736	40.468	ng	98
51) 2,6-Dinitrotoluene	14.29	165	69111	40.310	ng	95
52) Acenaphthene	14.78	154	215446	39.314	ng	97
53) 3-Nitroaniline	14.63	138	73688	39.907	ng	# 95
54) 2,4-Dinitrophenol	14.83	184	34072	36.253	ng	# 87
55) Dibenzofuran	15.11	168	364636	40.248	ng	97
56) 4-Nitrophenol	14.92	139	51763	35.488	ng	84
57) 2,4-Dinitrotoluene	15.08	165	97911	41.406	ng	# 97
58) Fluorene	15.76	166	270802	40.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	80920	42.165	ng	99
60) Diethylphthalate	15.51	149	318248	38.273	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	162663	40.572	ng	98
62) 4-Nitroaniline	15.79	138	72807	40.089	ng	87
63) Azobenzene	16.03	77	282648	38.840	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	61043	41.528	ng	93
66) n-Nitrosodiphenylamine	15.96	169	266632	42.265	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	113606	46.893	ng	99
68) Hexachlorobenzene	16.75	284	114572	45.849	ng	95
69) Atrazine	16.90	200	104979	44.596	ng	98
70) Pentachlorophenol	17.10	266	69218	40.441	ng	99
71) Phenanthrene	17.50	178	457884	40.755	ng	99
72) Anthracene	17.59	178	452111	41.554	ng	99
73) Carbazole	17.87	167	445764	41.280	ng	98
74) Di-n-butylphthalate	18.40	149	511768	40.567	ng	98
75) Fluoranthene	19.51	202	554545	42.247	ng	98
77) Benzidine	19.69	184	259737	31.245	ng	99
78) Pyrene	19.87	202	560334	32.508	ng	98
80) Butylbenzylphthalate	20.73	149	223841	32.288	ng	99
81) Benzo(a)anthracene	21.72	228	571245	37.729	ng	100
82) 3,3'-Dichlorobenzidine	21.64	252	231673	39.334	ng	99
83) Chrysene	21.79	228	535734	37.391	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	362412	36.882	ng	99
85) Di-n-octyl phthalate	22.82	149	738980	43.860	ng	99
86) Indeno(1,2,3-cd)pyrene	28.84	276	760810	46.723	ng	# 89
88) Benzo(b)fluoranthene	24.06	252	491715	37.878	ng	98
89) Benzo(k)fluoranthene	24.06	252	491715	38.031	ng	98
90) Benzo(a)pyrene	24.89	252	483286	38.380	ng	98
91) Dibenzo(a,h)anthracene	28.91	278	624855	52.320	ng	# 95
92) Benzo(g,h,i)perylene	30.05	276	629828	53.154	ng	98

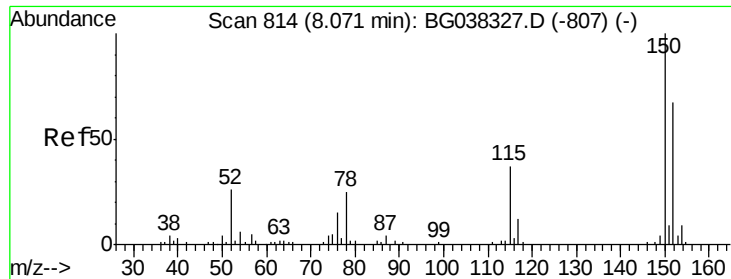
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038438.D
Acq On : 10 Dec 2018 12:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

Quant Time: Dec 10 16:35:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



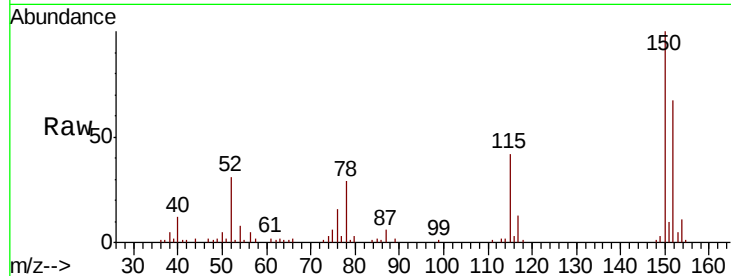


#1

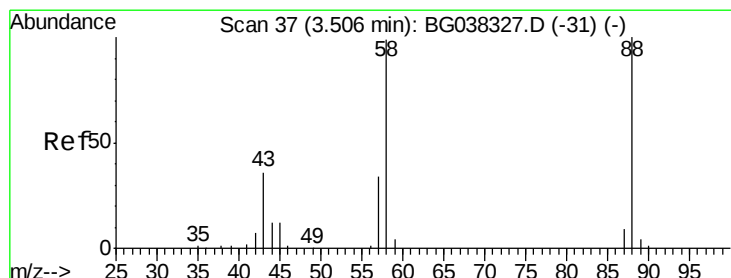
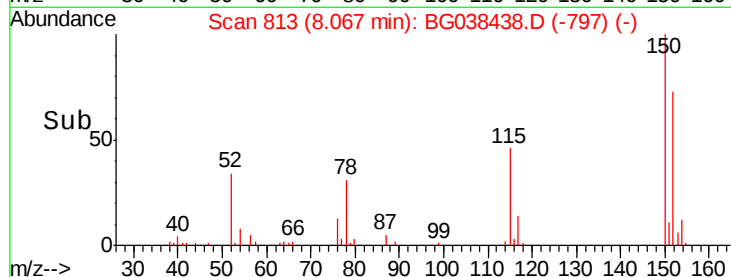
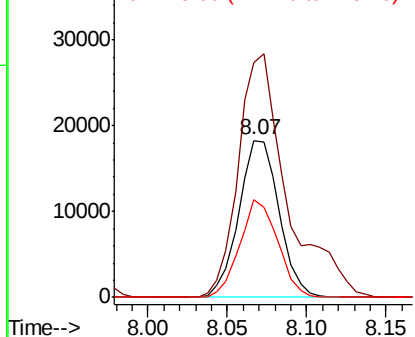
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.0	189.0
115	62.2	45.5	68.3



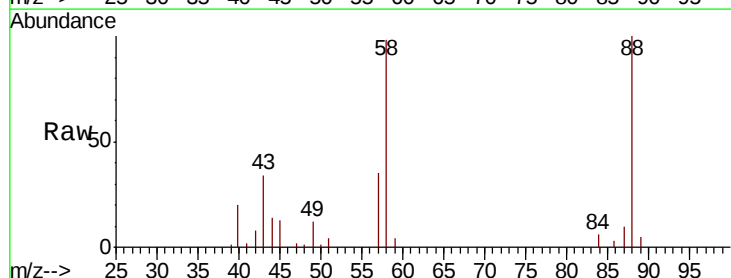
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



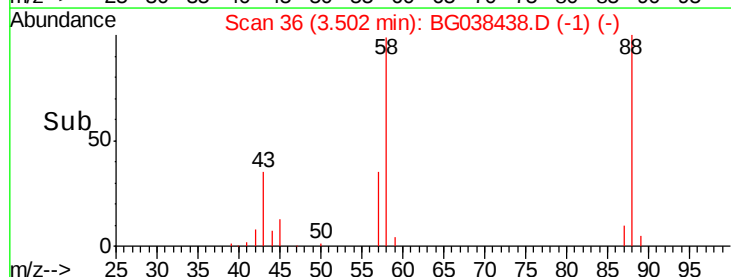
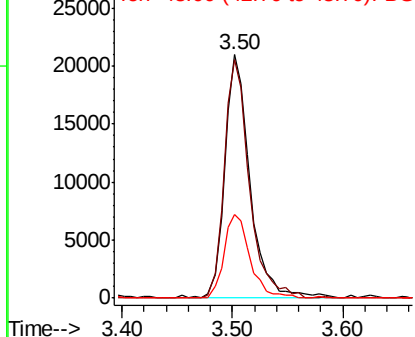
#2

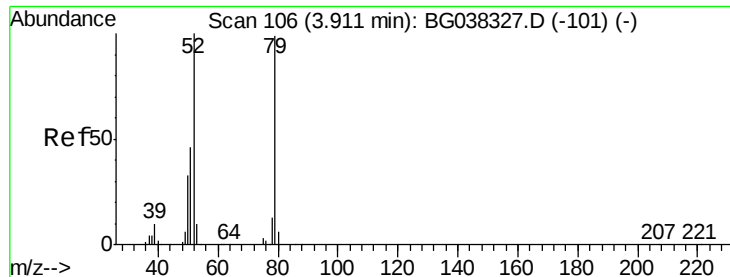
1,4-Dioxane
Concen: 40.067 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	74.4	111.6
43	35.2	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: 48.069 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

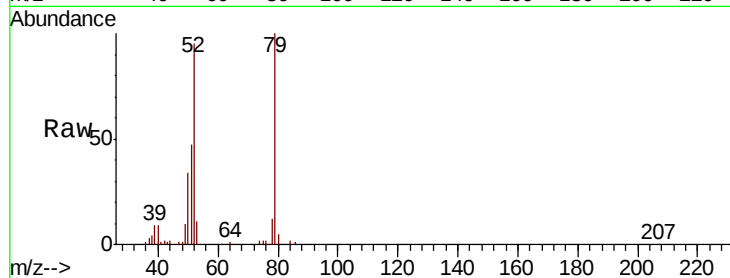
Tot Ion: 79 Resp: 120356

Ion Ratio Lower Upper

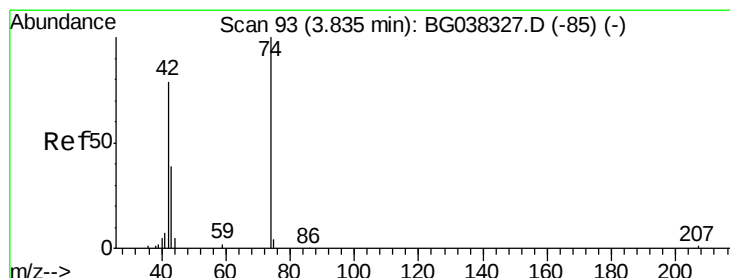
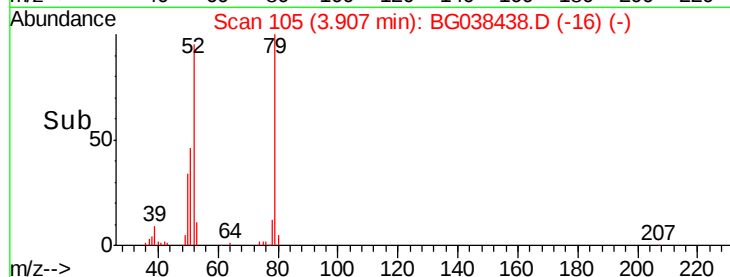
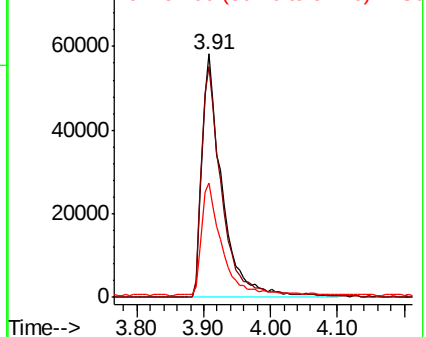
79 100

52 94.6 74.2 111.2

51 46.8 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 45.719 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

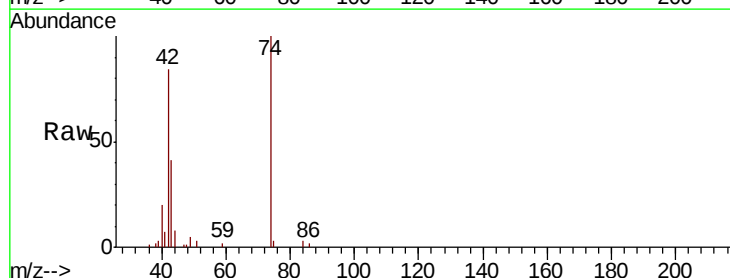
Tgt Ion: 42 Resp: 50143

Ion Ratio Lower Upper

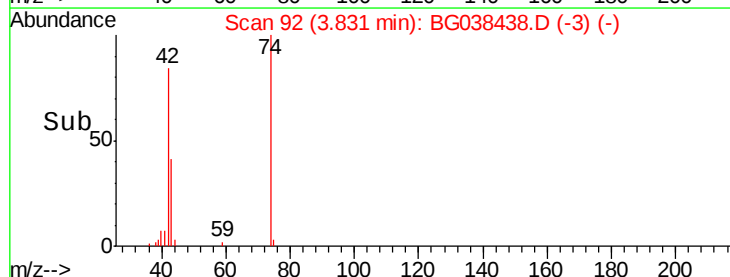
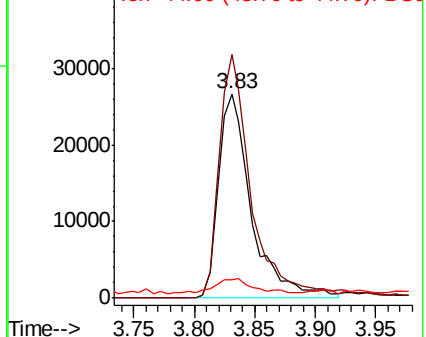
42 100

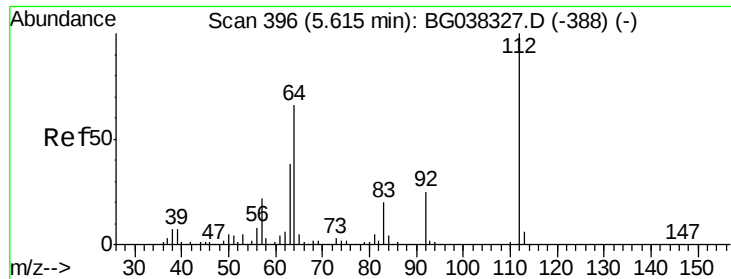
74 119.1 102.0 153.0

44 9.2 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 78.986 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

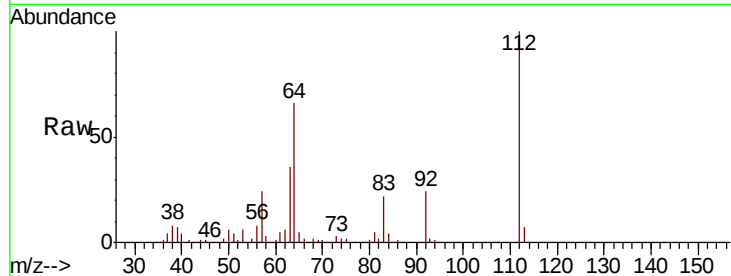
Tot Ion:112 Resp: 144234

Ion Ratio Lower Upper

112 100

64 66.3 53.1 79.7

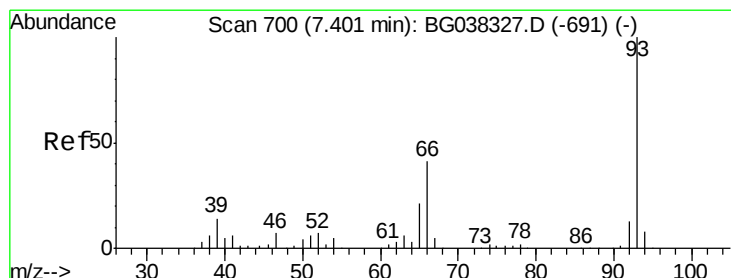
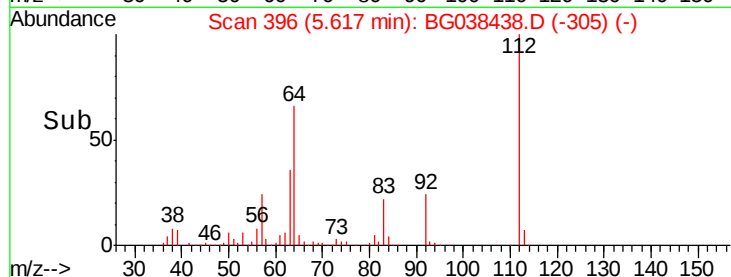
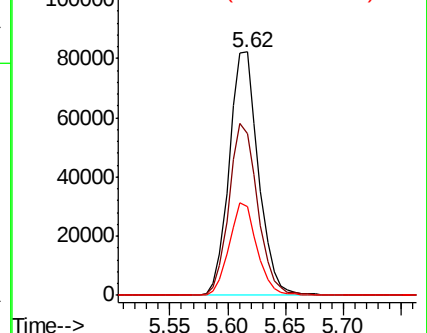
63 36.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.575 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

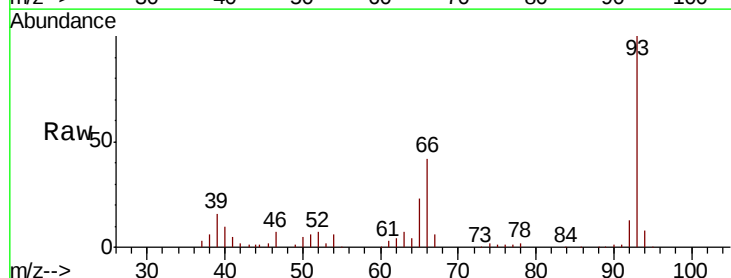
Tgt Ion: 93 Resp: 133405

Ion Ratio Lower Upper

93 100

66 42.0 32.8 49.2

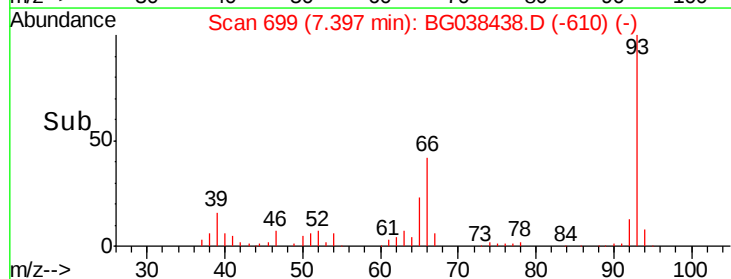
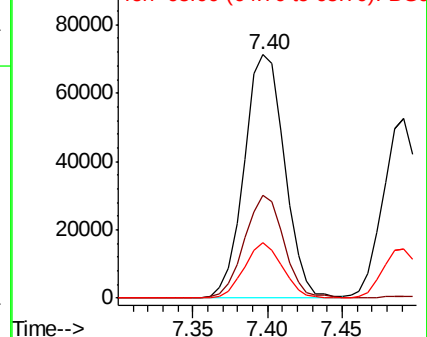
65 23.0 16.4 24.6

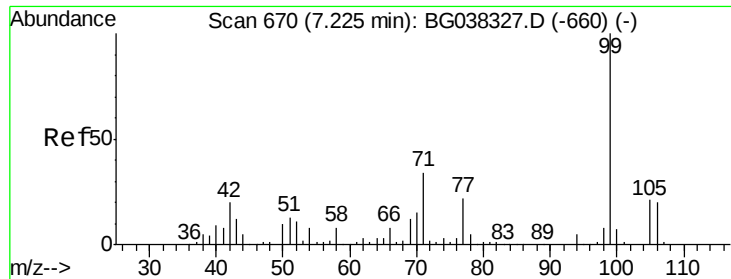


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.164 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

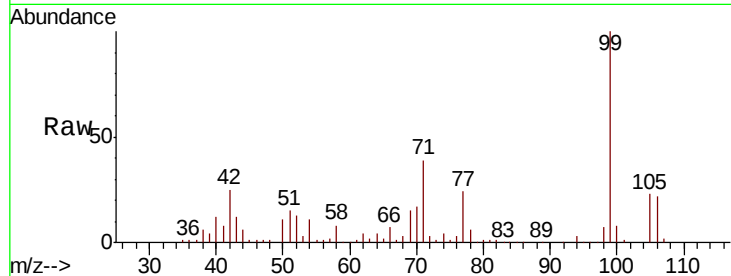
Tot Ion: 99 Resp: 211576

Ion Ratio Lower Upper

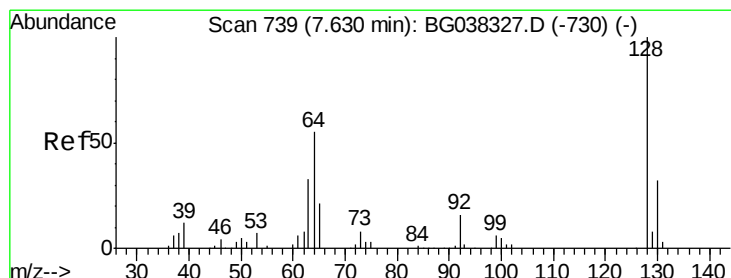
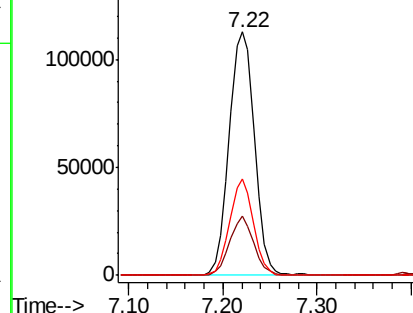
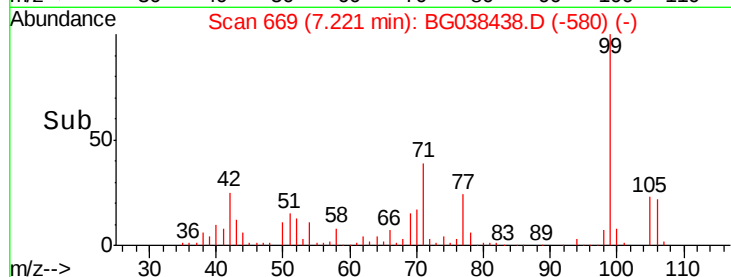
99 100

42 24.5 15.0 22.4#

71 39.4 25.5 38.3#



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



#8

2-Chlorophenol

Concen: 40.939 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

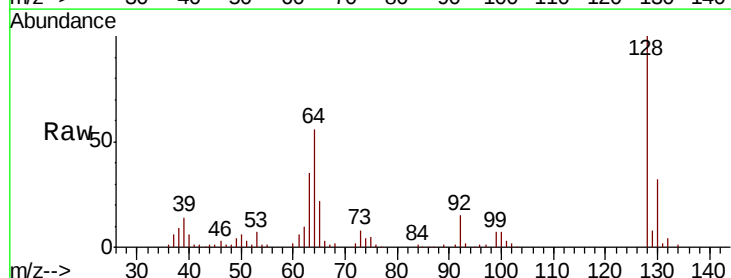
Tgt Ion: 128 Resp: 86822

Ion Ratio Lower Upper

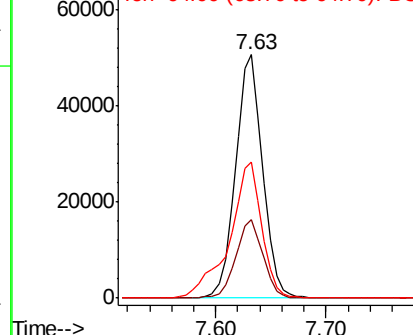
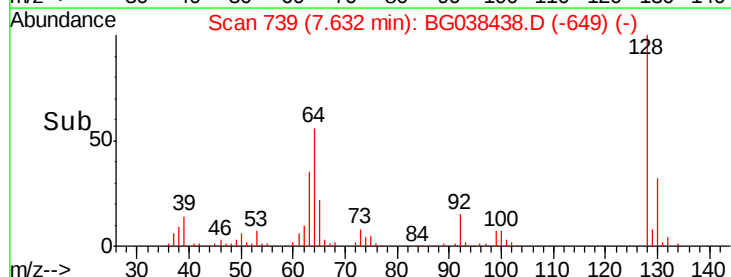
128 100

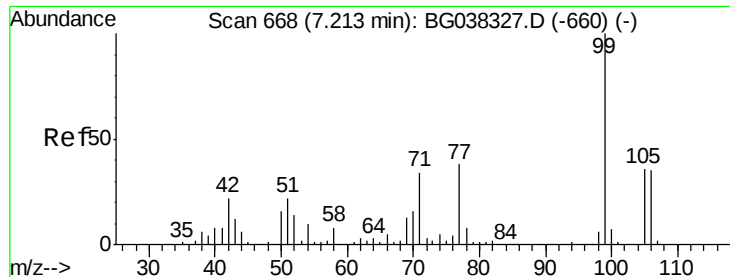
130 32.0 12.0 52.0

64 55.7 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: 38.008 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

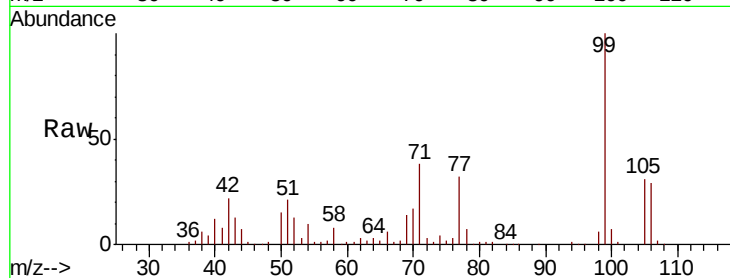
Tot Ion: 77 Resp: 63521

Ion Ratio Lower Upper

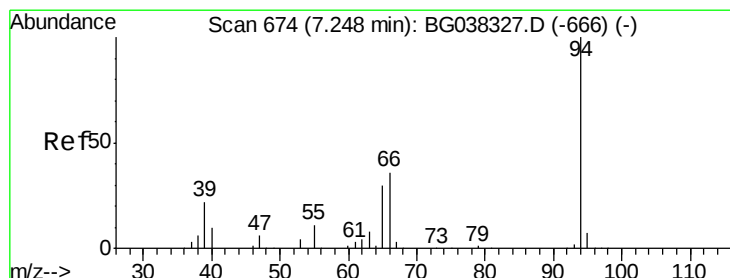
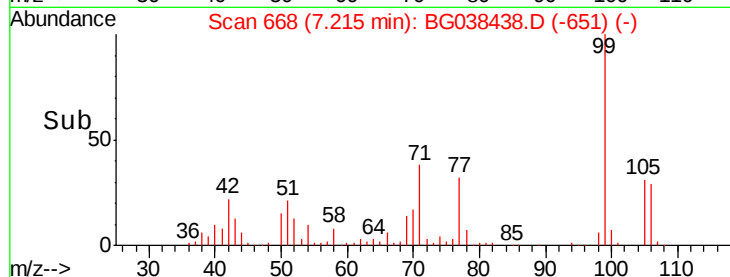
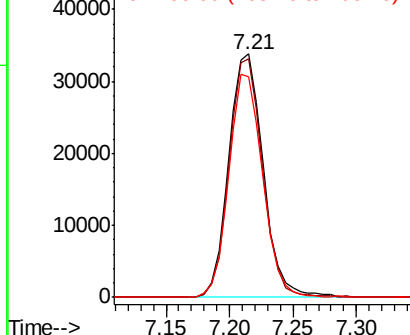
77 100

105 97.8 72.6 112.6

106 90.8 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: 40.061 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

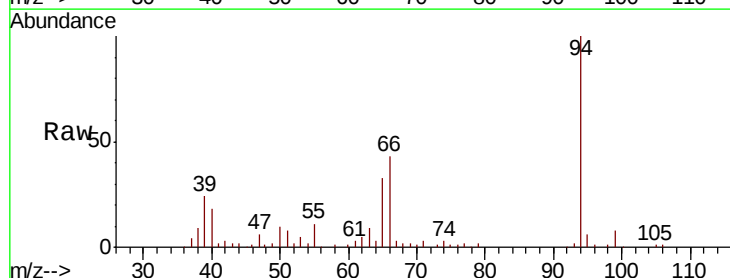
Tgt Ion: 94 Resp: 111714

Ion Ratio Lower Upper

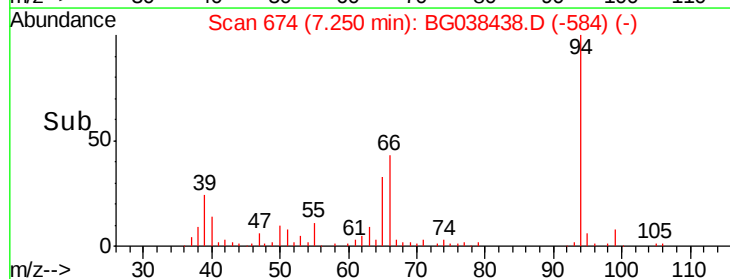
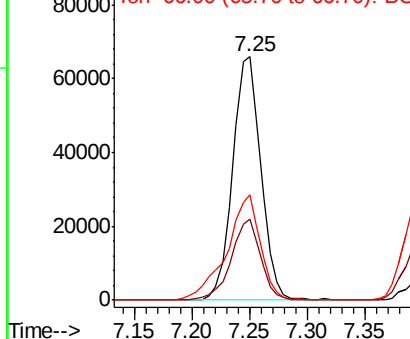
94 100

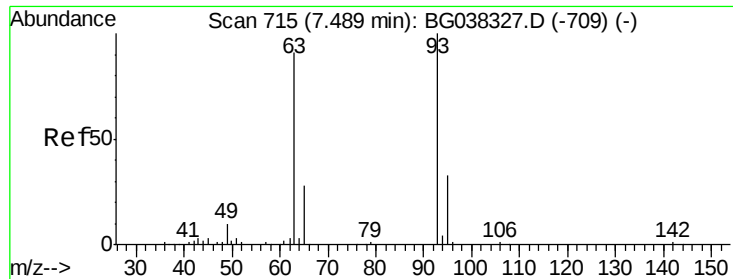
65 33.5 9.7 49.7

66 43.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

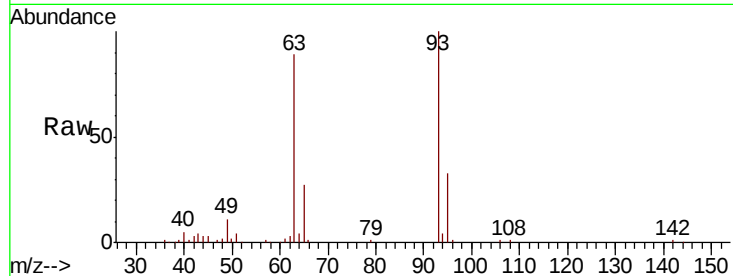




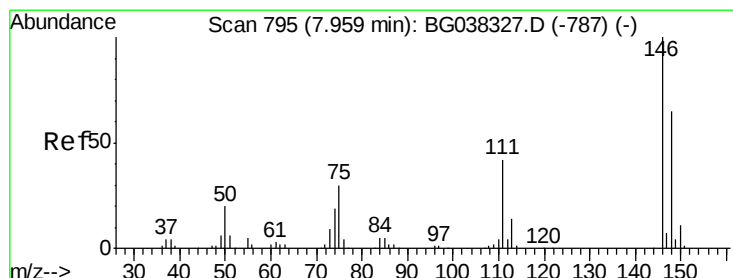
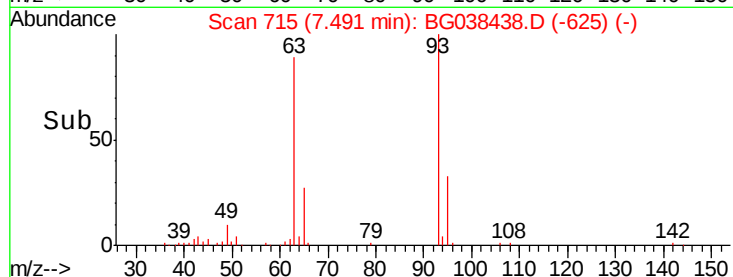
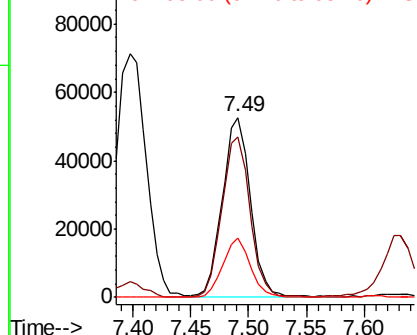
#11
bis(2-Chloroethyl)ether
Concen: 39.276 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 89699
Ion Ratio Lower Upper
93 100
63 89.3 69.5 109.5
95 33.2 12.6 52.6

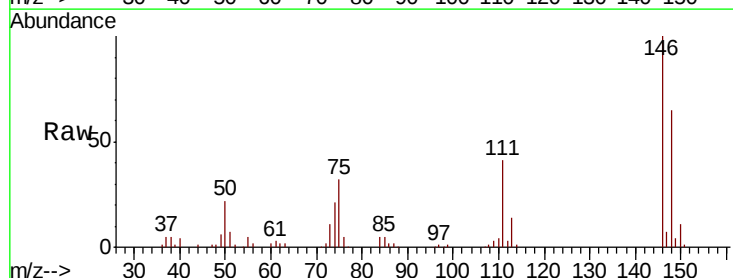


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

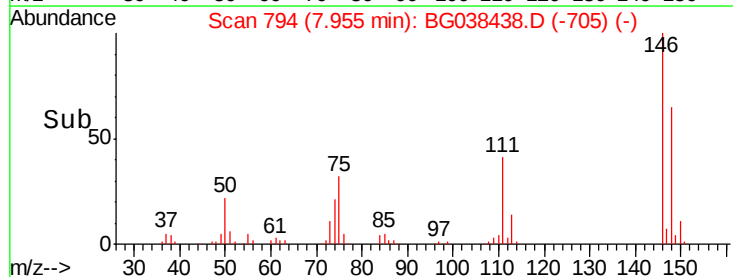
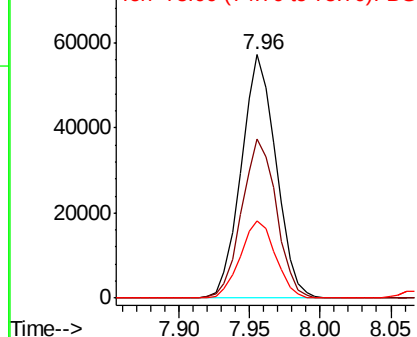


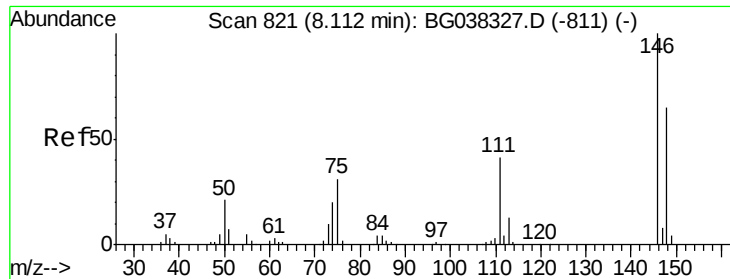
#12
1,3-Dichlorobenzene
Concen: 39.704 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion: 146 Resp: 98414
Ion Ratio Lower Upper
146 100
148 65.2 49.8 74.8
75 31.8 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

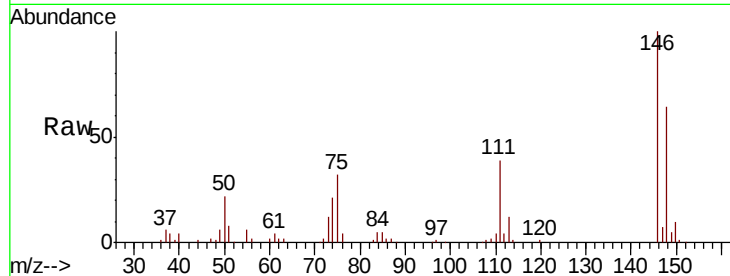




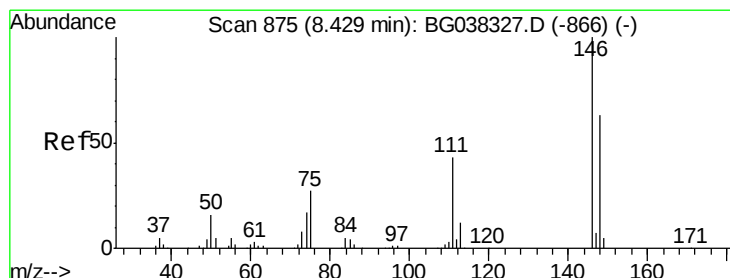
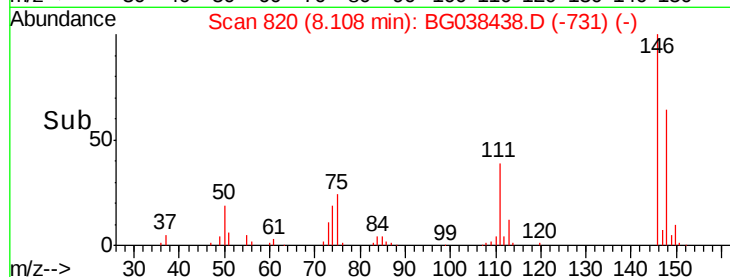
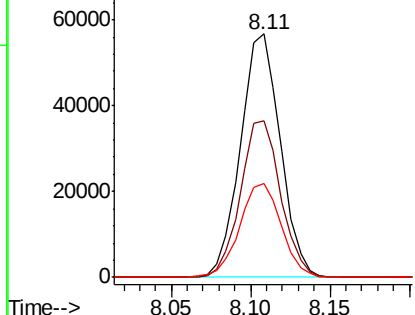
#13
 1,4-Dichlorobenzene
 Concen: 38.560 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 98890
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.6
 111 38.5 32.4 48.6

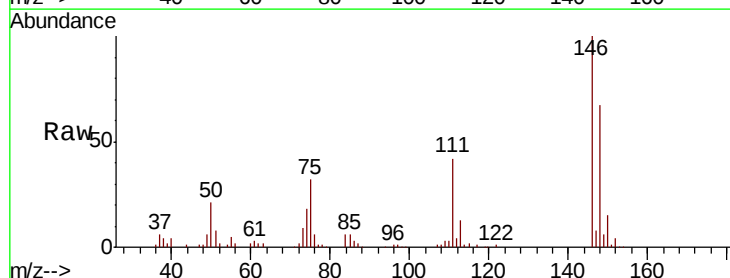


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

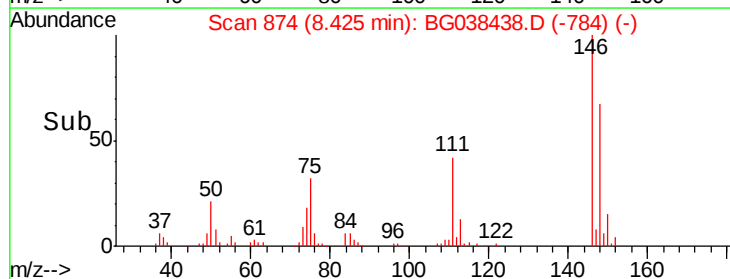
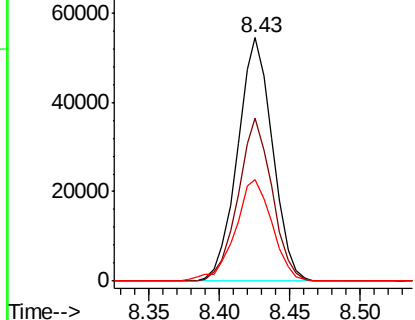


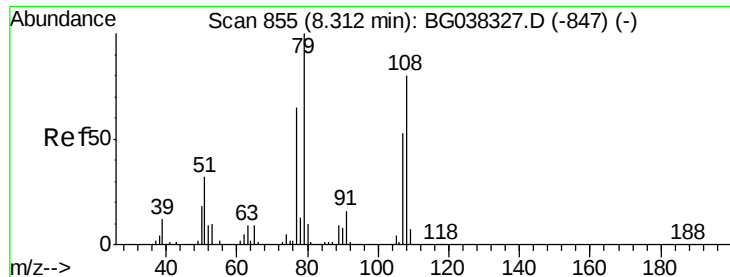
#14
 1,2-Dichlorobenzene
 Concen: 39.812 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion:146 Resp: 94109
 Ion Ratio Lower Upper
 146 100
 148 67.0 50.4 75.6
 111 41.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.628 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

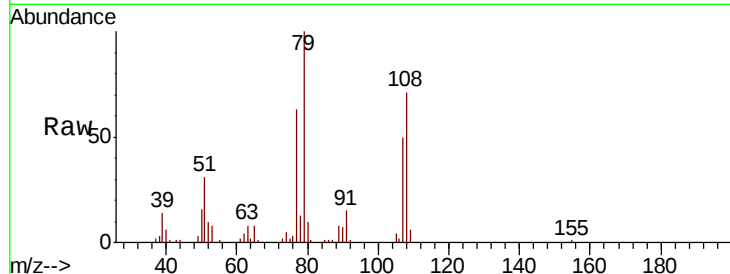
Tot Ion: 79 Resp: 81647

Ion Ratio Lower Upper

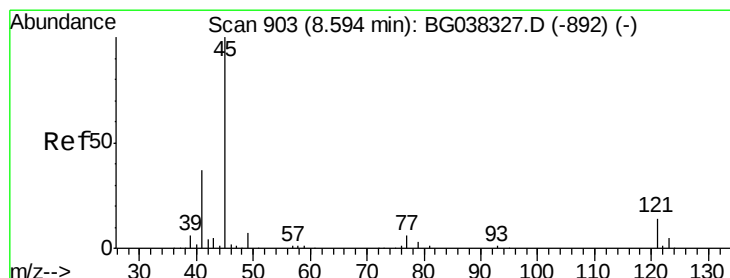
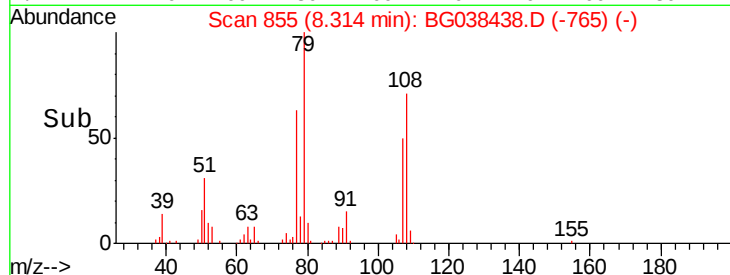
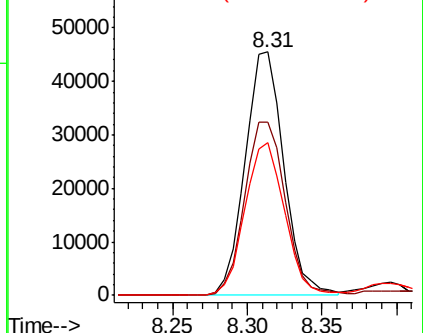
79 100

108 70.9 65.8 98.8

77 62.5 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.478 ng

RT: 8.60 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

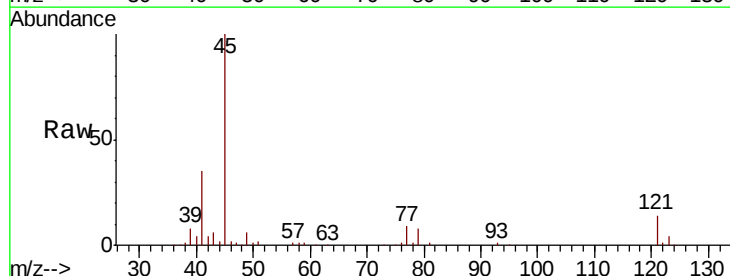
Tgt Ion: 45 Resp: 199883

Ion Ratio Lower Upper

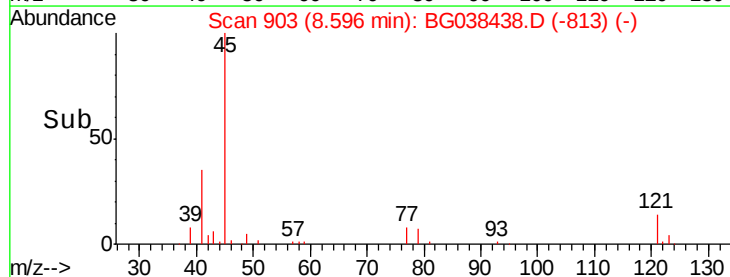
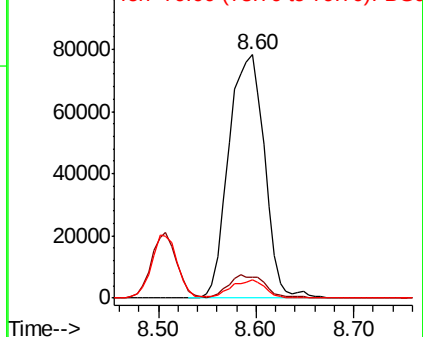
45 100

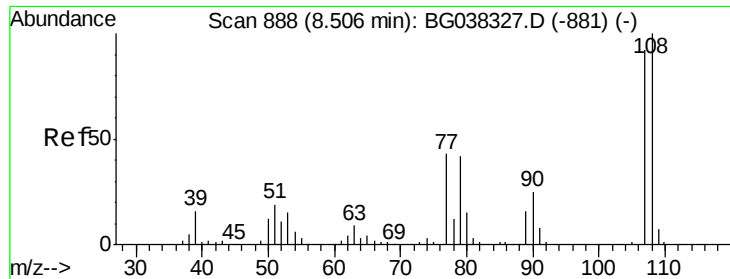
77 8.8 0.0 30.0

79 7.5 0.0 29.0



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

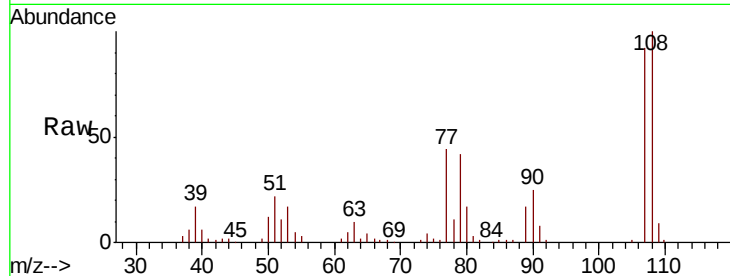




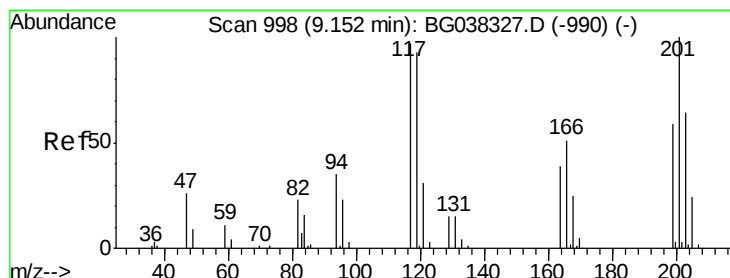
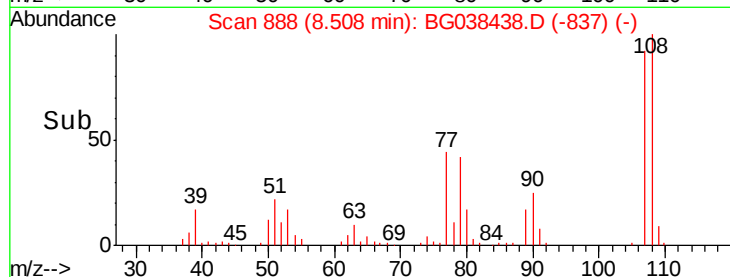
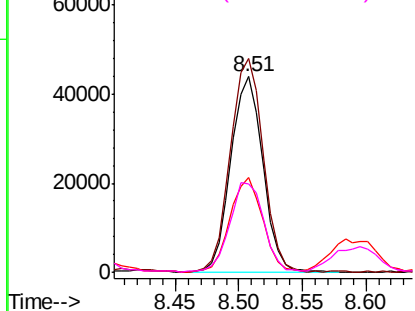
#17
2-Methylphenol
Concen: 39.271 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 76886
Ion Ratio Lower Upper
107 100
108 109.3 87.9 131.9
77 48.5 35.1 52.7
79 45.5 34.5 51.7

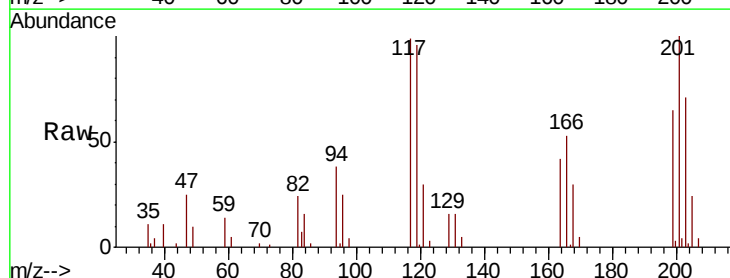


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

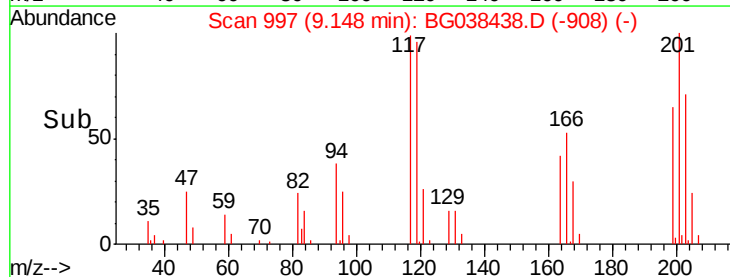
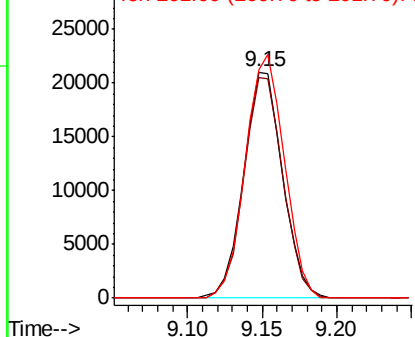


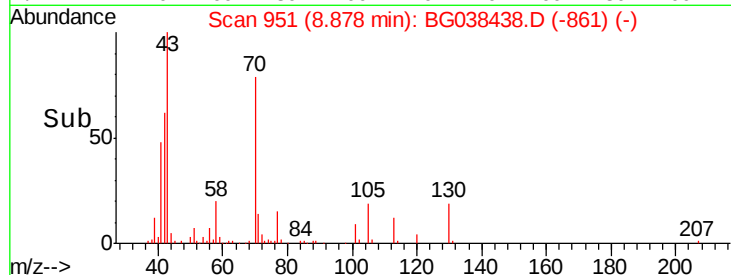
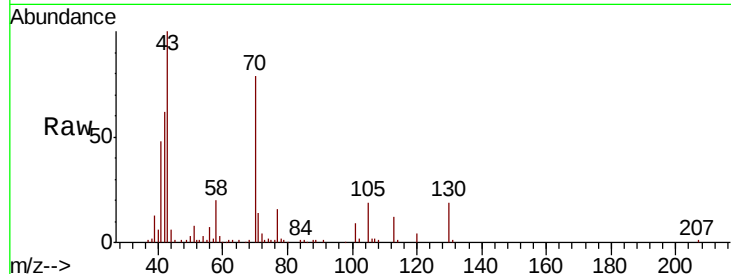
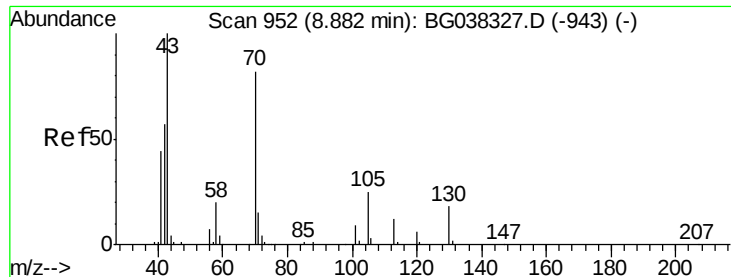
#18
Hexachloroethane
Concen: 41.041 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:117 Resp: 37988
Ion Ratio Lower Upper
117 100
119 97.4 74.6 111.8
201 105.1 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

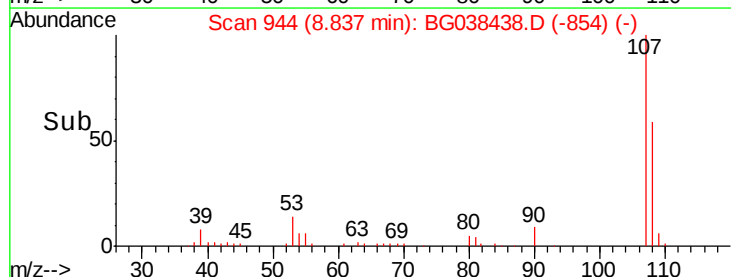
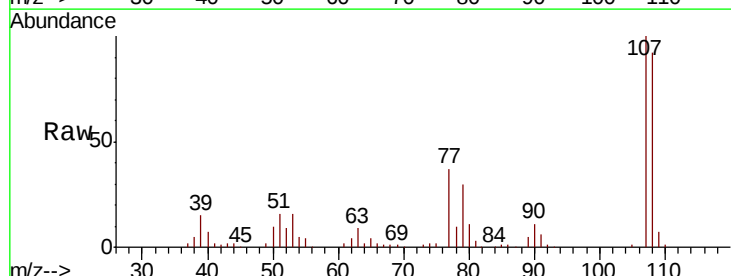
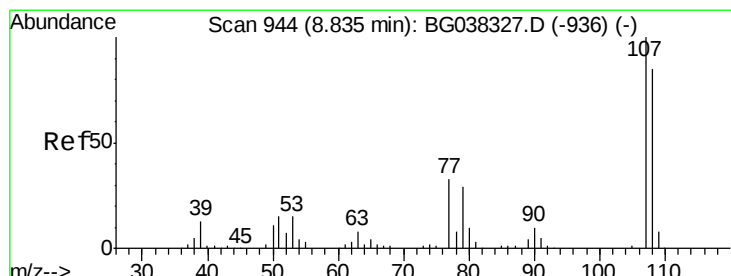
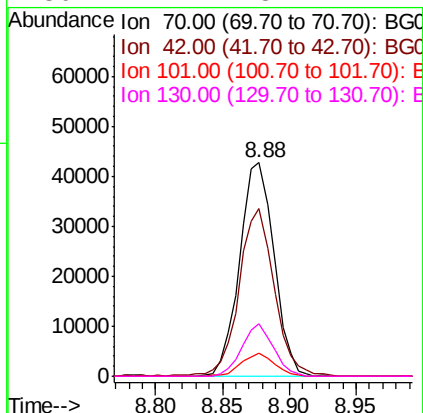




#19
n-Nitroso-di-n-propylamine
Concen: 39.462 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

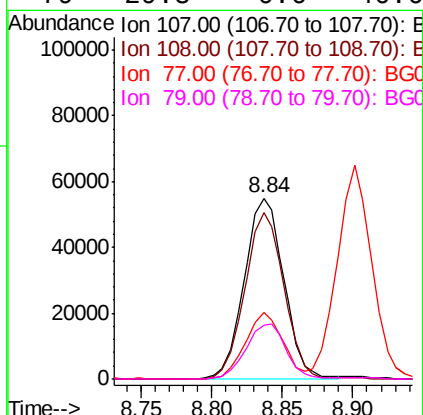
Instrument :
BNA_G
ClientSampleId :

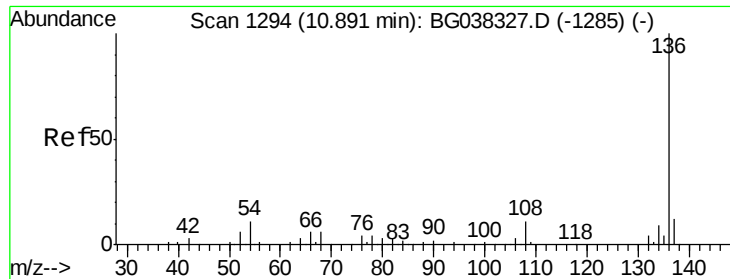
Tot Ion:	70	Resp:	76176
Ion	Ratio	Lower	Upper
70	100		
42	78.6	53.9	80.9
101	10.8	8.2	12.2
130	24.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.368 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:	107	Resp:	107789
Ion	Ratio	Lower	Upper
107	100		
108	92.4	69.9	109.9
77	36.5	11.2	51.2
79	29.8	6.6	46.6

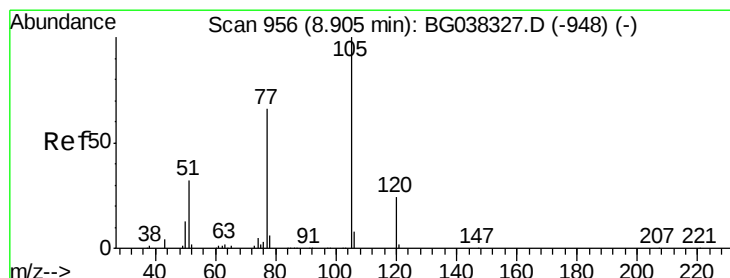
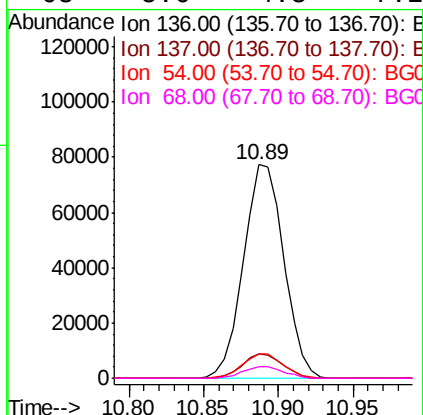
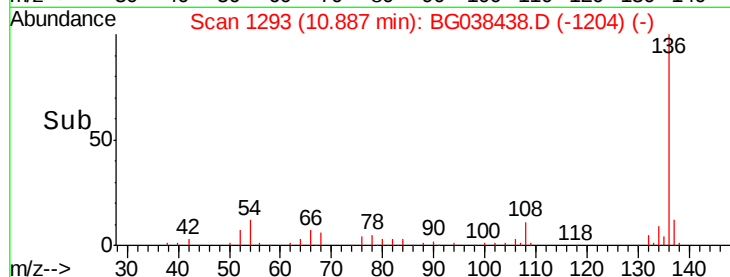
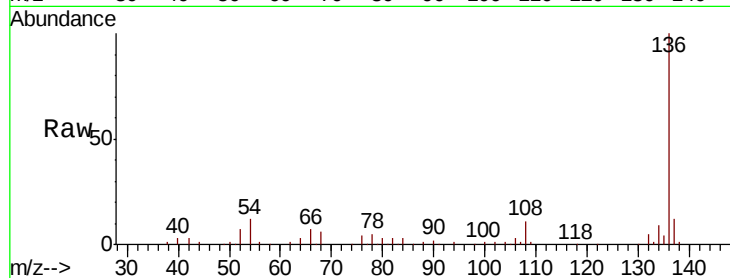




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

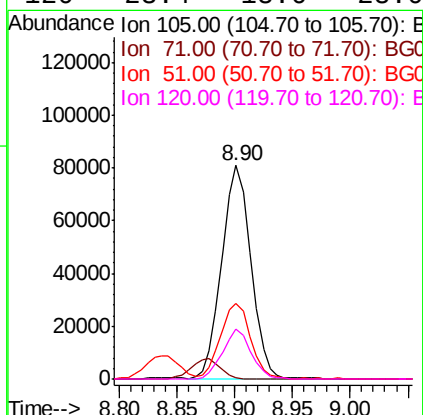
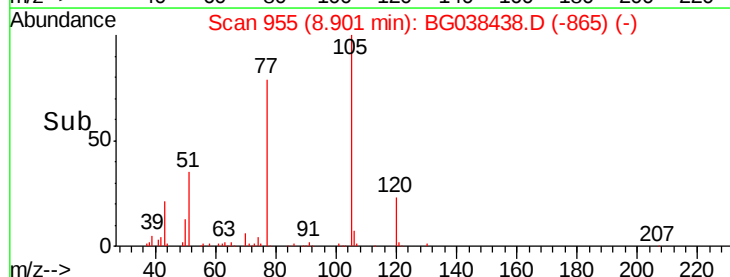
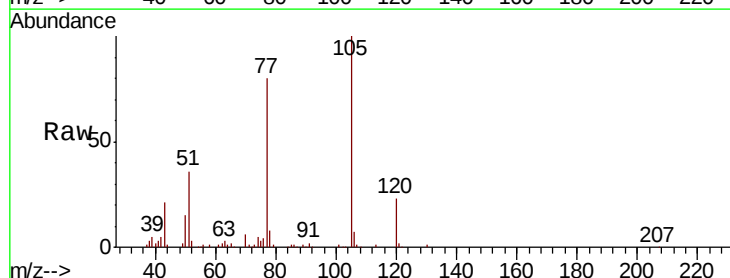
Instrument :
BNA_G
ClientSampleId :

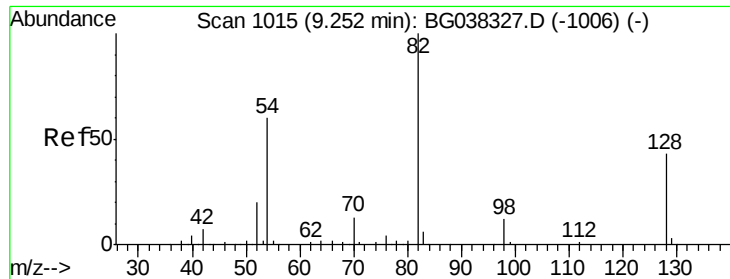
Tot Ion:136	Resp:	144276
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.6 14.4
54	11.5	7.9 11.9
68	5.6	4.8 7.2



#22
Acetophenone
Concen: 41.060 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:105	Resp:	142756
Ion	Ratio	Lower Upper
105	100	
71	0.9	1.2 1.8#
51	35.6	25.0 37.6
120	23.4	18.6 28.0





#23

Nitrobenzene-d5

Concen: 77.078 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

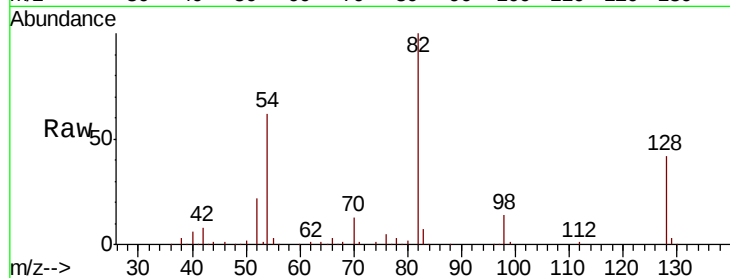
Tot Ion: 82 Resp: 223987

Ion Ratio Lower Upper

82 100

128 42.4 34.6 51.8

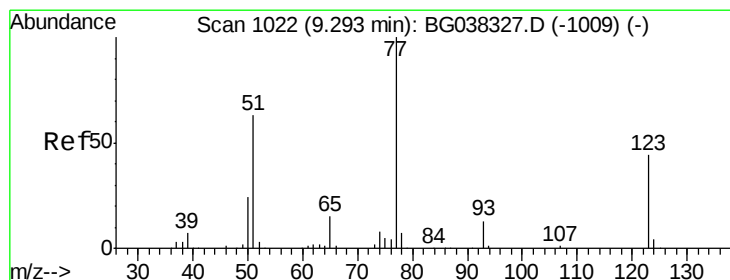
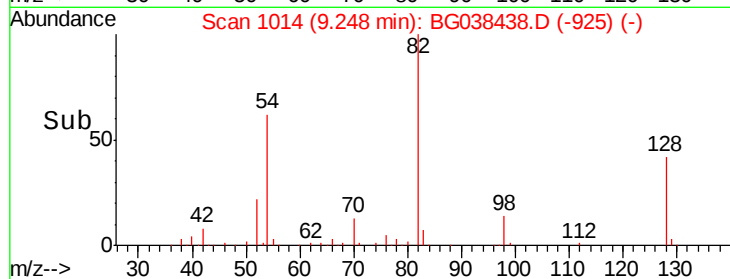
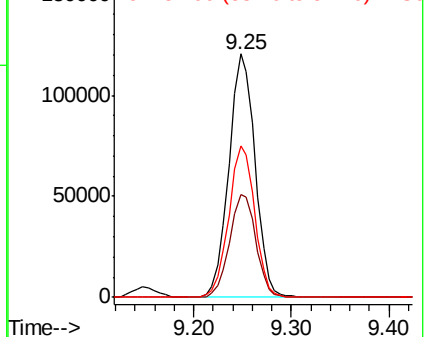
54 62.2 45.3 67.9



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: 38.040 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

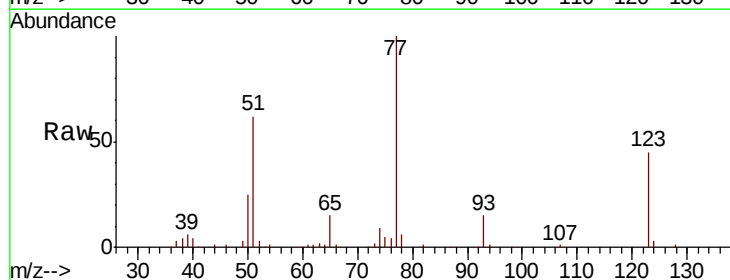
Tgt Ion: 77 Resp: 112312

Ion Ratio Lower Upper

77 100

123 45.2 33.6 50.4

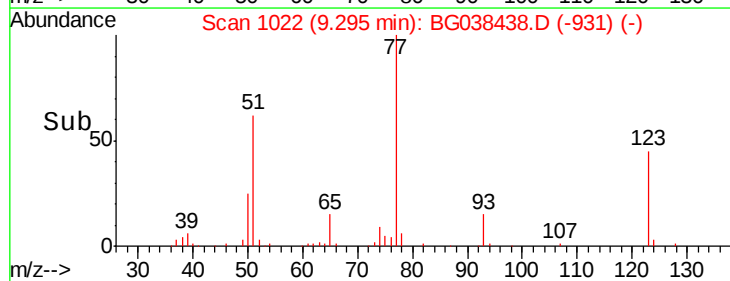
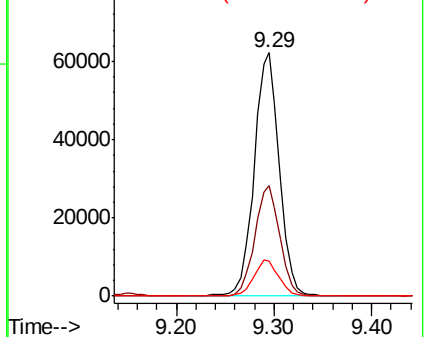
65 14.5 11.3 16.9

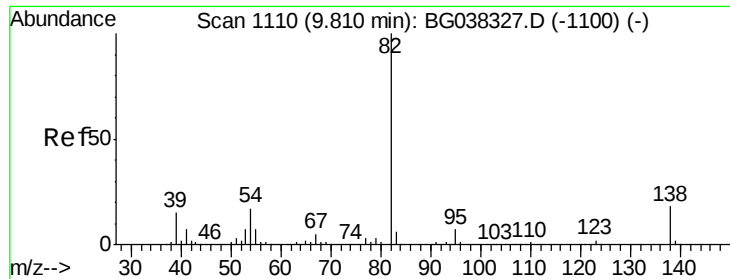


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.594 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

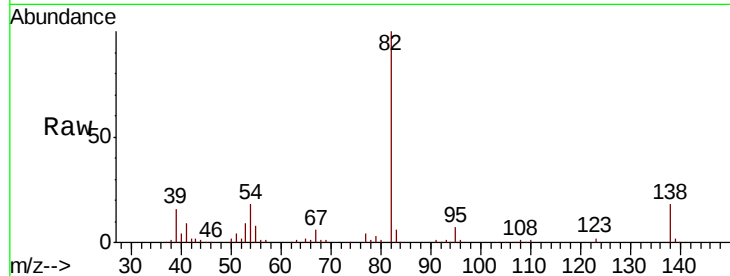
Tot Ion: 82 Resp: 191992

Ion Ratio Lower Upper

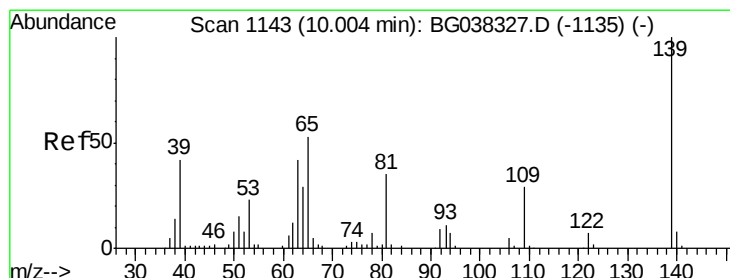
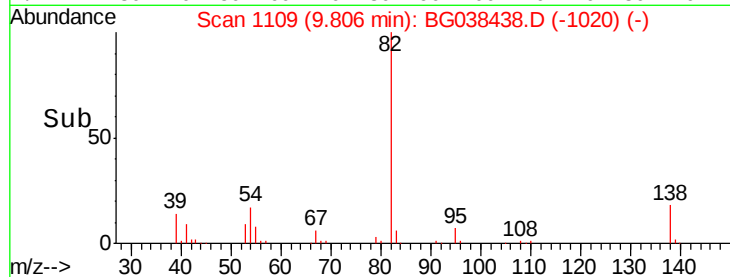
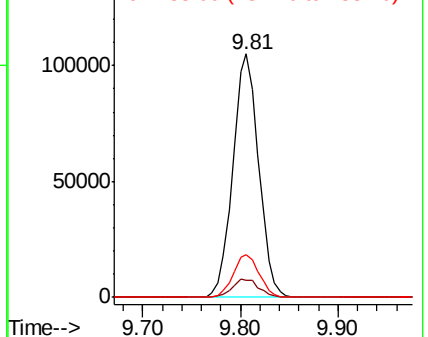
82 100

95 6.9 5.3 7.9

138 17.7 13.3 19.9



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



#26

2-Nitrophenol

Concen: 41.991 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

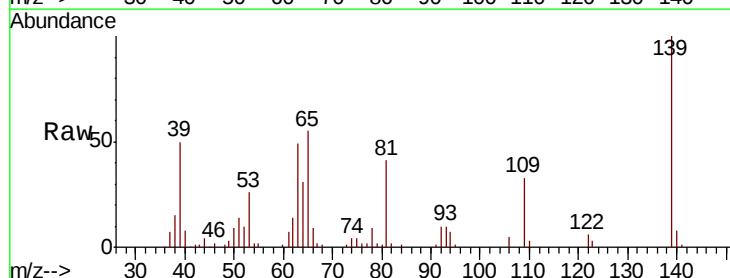
Tgt Ion: 139 Resp: 57444

Ion Ratio Lower Upper

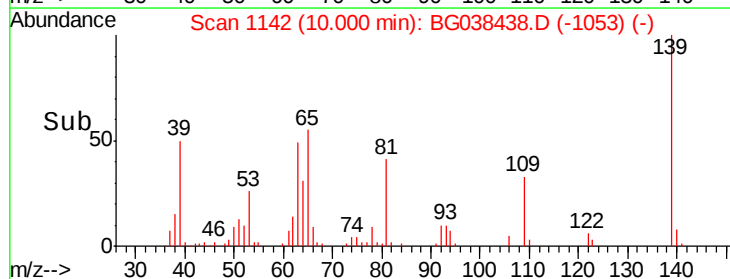
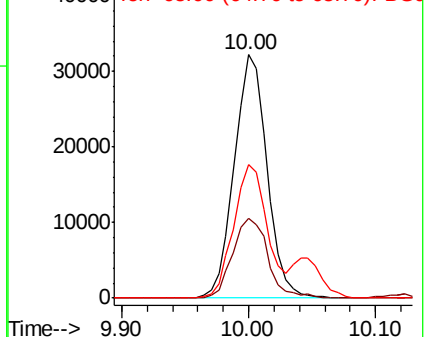
139 100

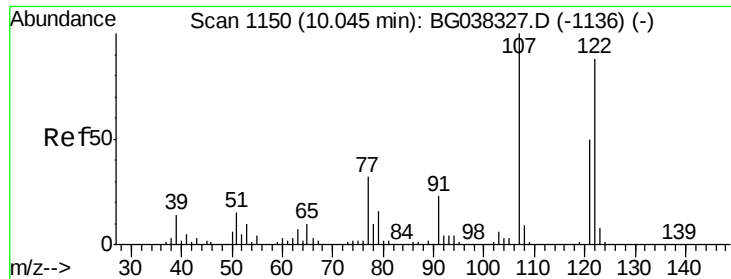
109 32.7 23.3 34.9

65 54.7 39.8 59.8



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

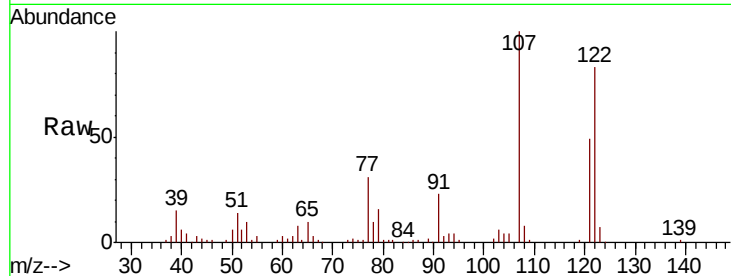




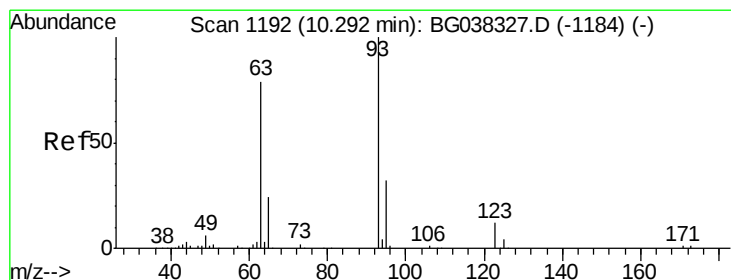
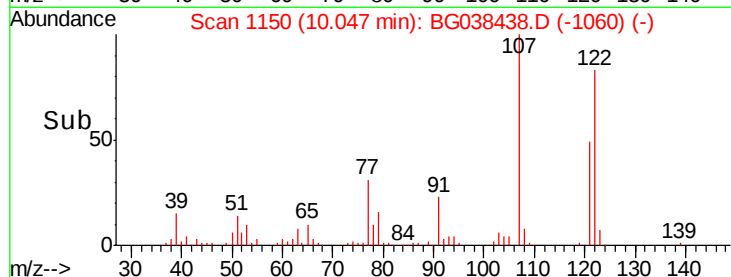
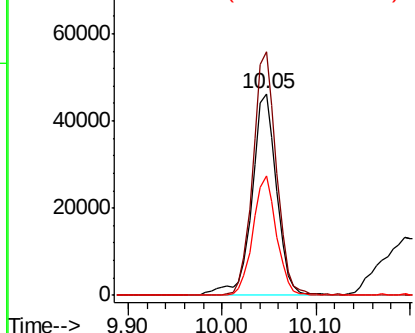
#27
2,4-Dimethylphenol
Concen: 42.654 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 83811
Ion Ratio Lower Upper
122 100
107 120.9 94.2 141.2
121 59.5 47.3 70.9

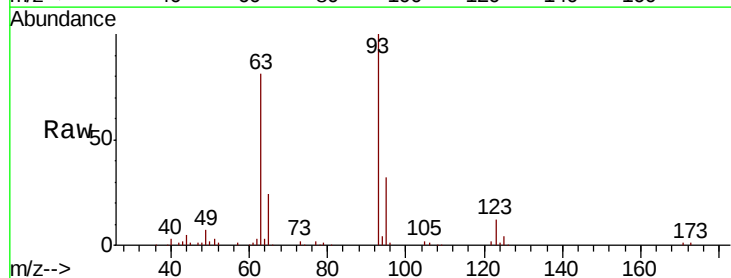


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

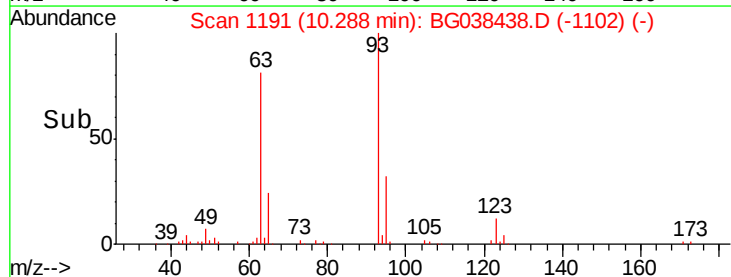
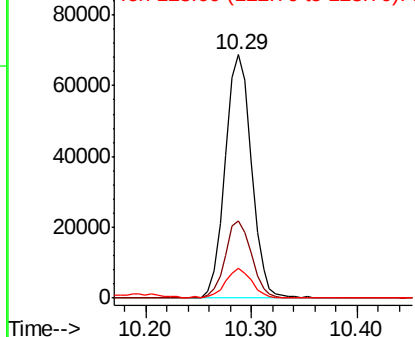


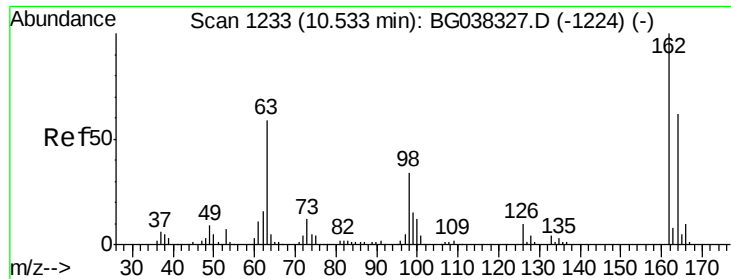
#28
bis(2-Chloroethoxy)methane
Concen: 40.438 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion: 93 Resp: 118387
Ion Ratio Lower Upper
93 100
95 31.9 24.6 37.0
123 12.3 9.1 13.7



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

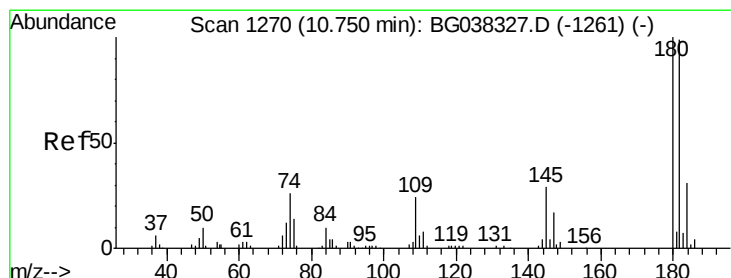
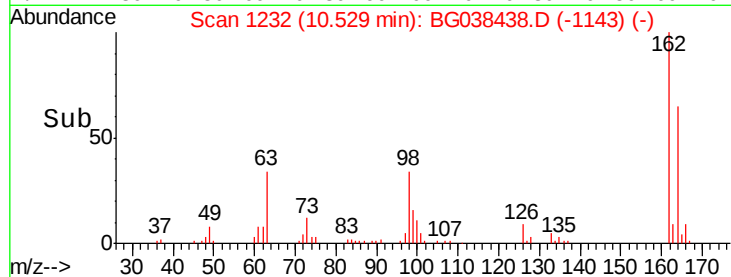
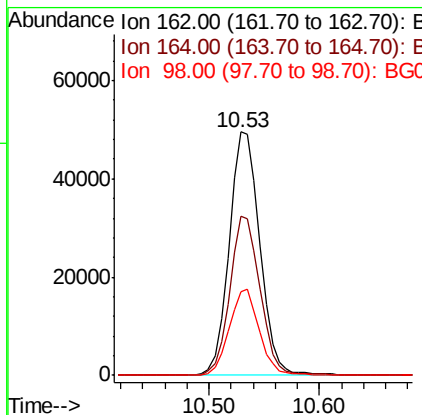
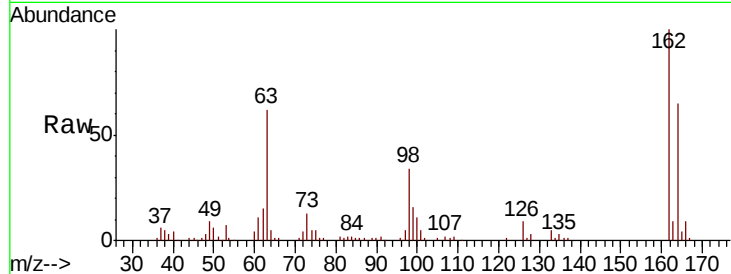




#29
 2,4-Dichlorophenol
 Concen: 42.995 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

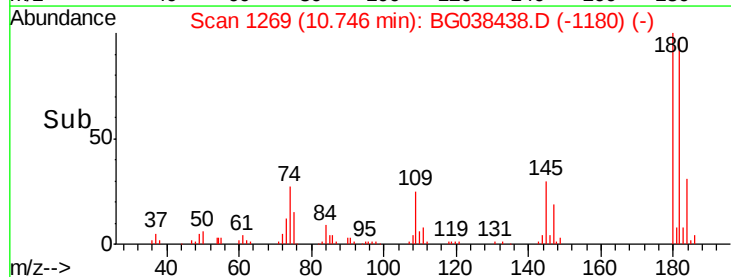
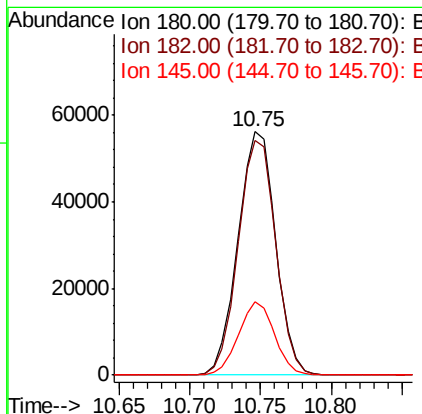
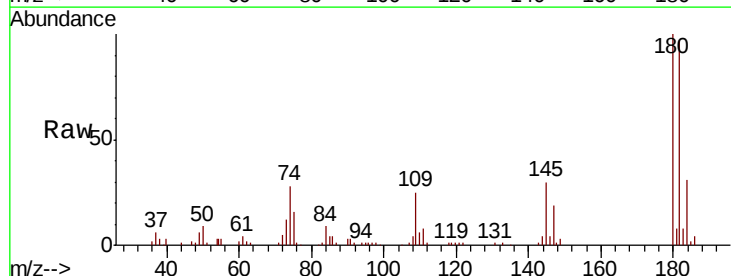
Instrument :
 BNA_G
 ClientSampleId :

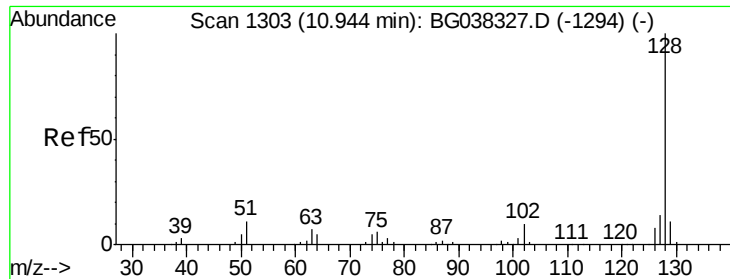
Tot Ion	162	Resp	96435
Ion Ratio	Lower	Upper	
162	100		
164	65.3	43.2	83.2
98	34.4	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.867 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion	180	Resp	104970
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.7	116.5
145	30.0	23.3	34.9

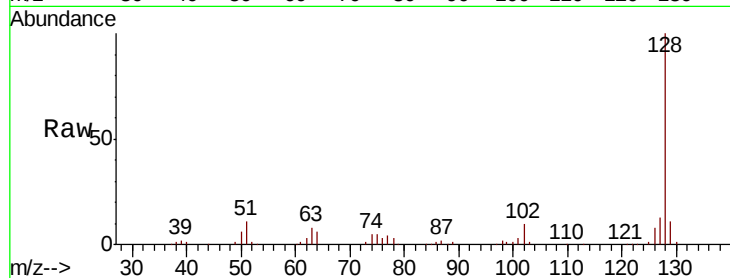




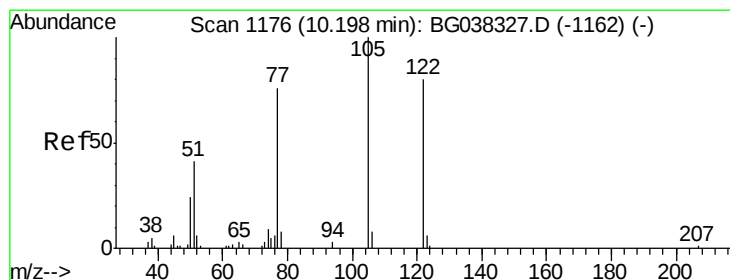
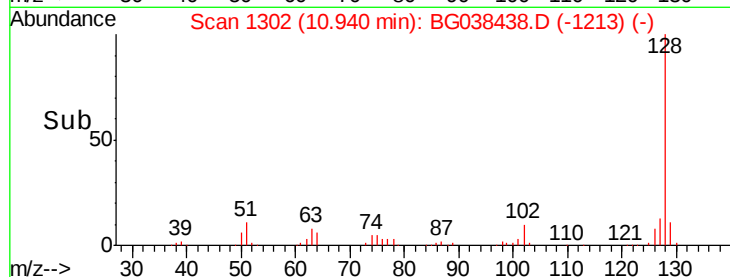
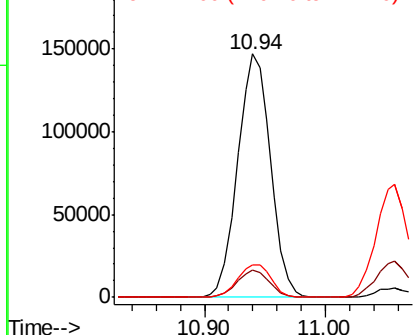
#31
Naphthalene
Concen: 40.271 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 277535
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 11.1 16.7

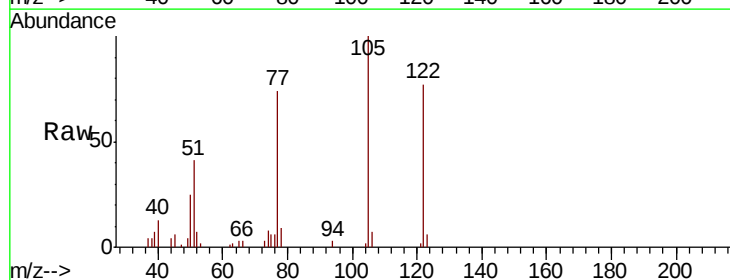


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

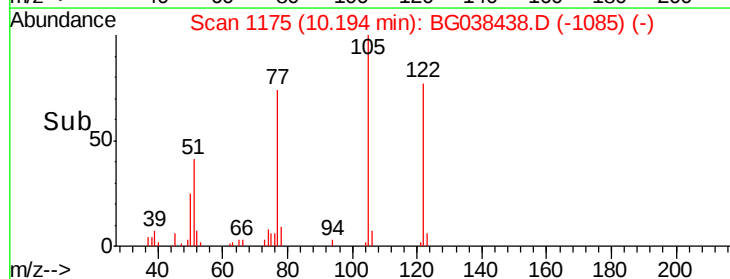
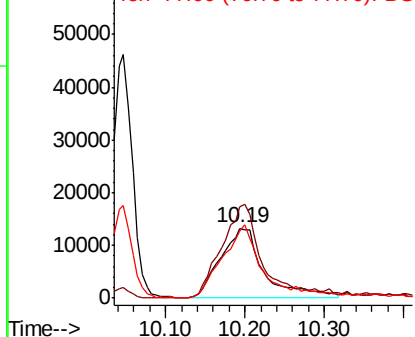


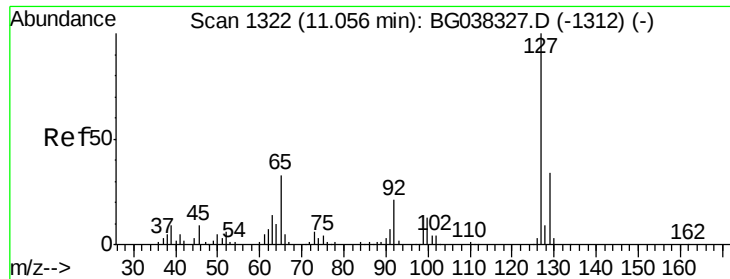
#32
Benzoic acid
Concen: 37.802 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:122 Resp: 51166
Ion Ratio Lower Upper
122 100
105 130.3 106.7 146.7
77 95.8 72.2 112.2



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

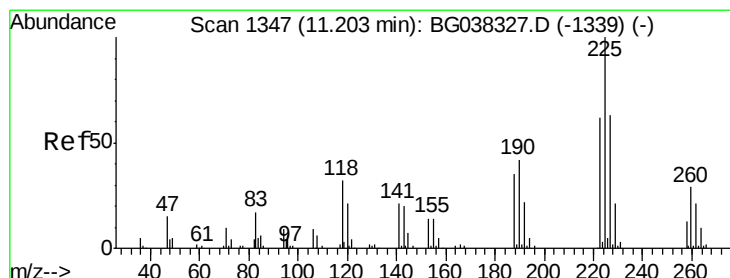
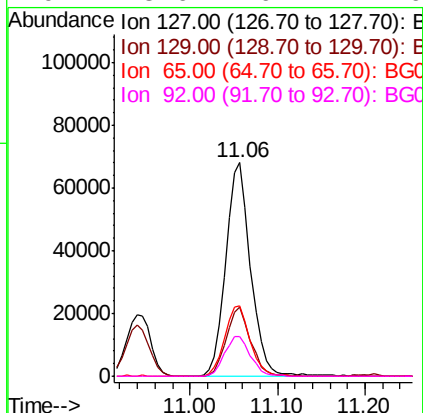
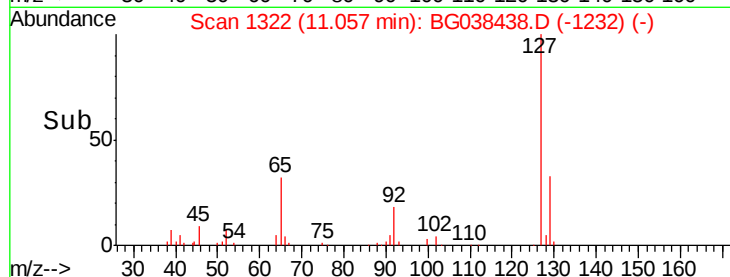
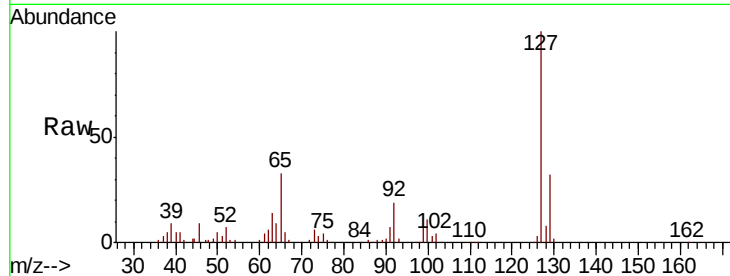




#33
4-Chloroaniline
Concen: 43.275 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

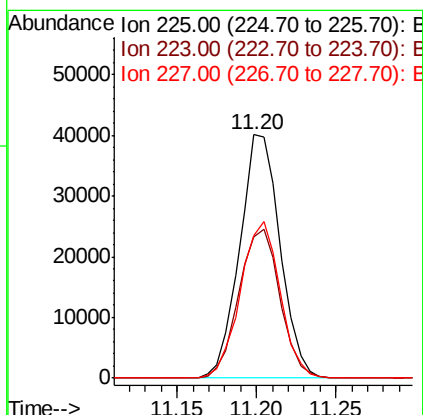
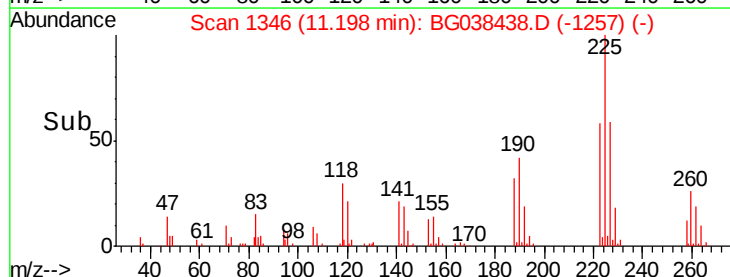
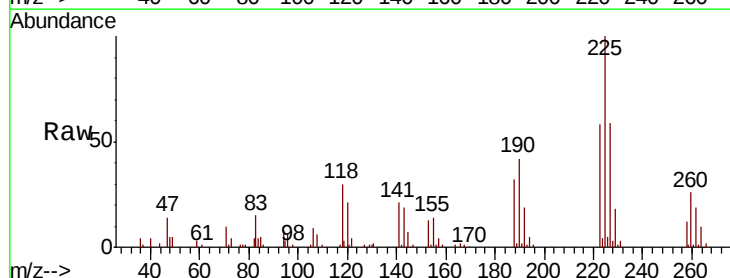
Instrument :
BNA_G
ClientSampled :

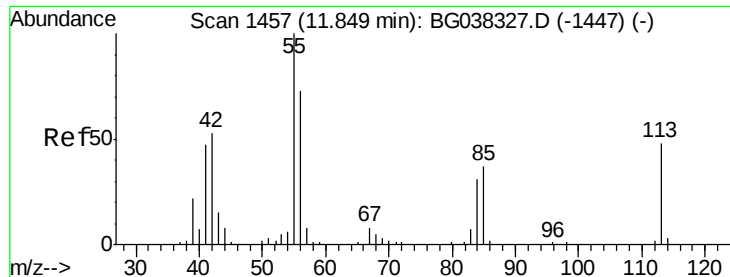
Tot Ion:	127	Resp:	132028
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.1	40.7
65	33.0	26.6	39.8
92	18.6	16.4	24.6



#34
Hexachlorobutadiene
Concen: 43.046 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:	225	Resp:	70905
Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.2	72.4
227	56.1	51.6	77.4





#35

Caprolactam

Concen: 42.296 ng

RT: 11.85 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

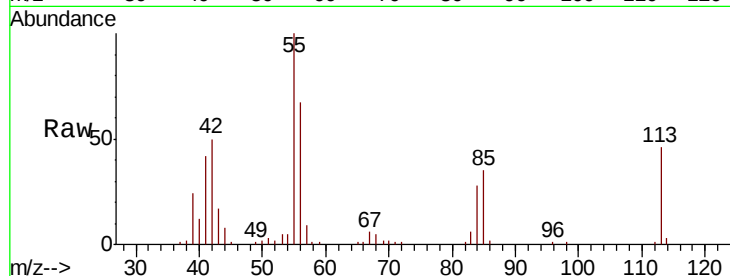
Tot Ion:113 Resp: 39231

Ion Ratio Lower Upper

113 100

55 218.0 176.6 216.6#

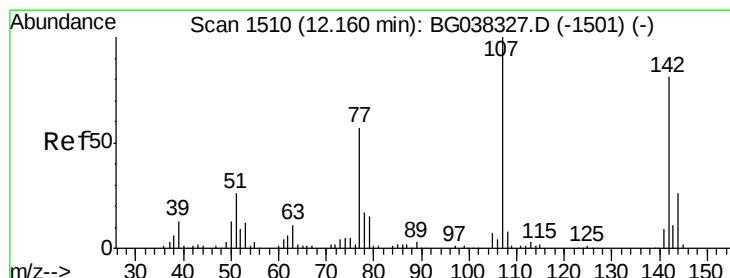
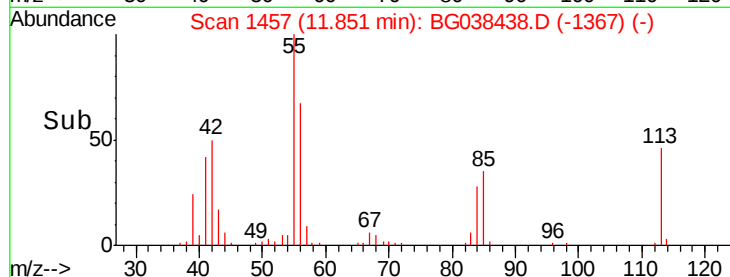
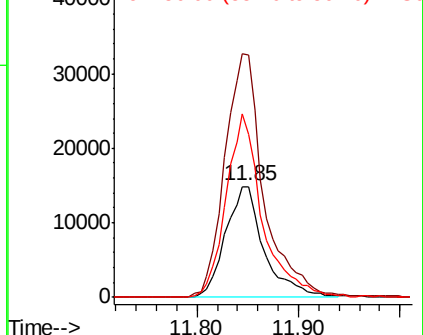
56 146.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

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

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



#36

4-Chloro-3-methylphenol

Concen: 43.425 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

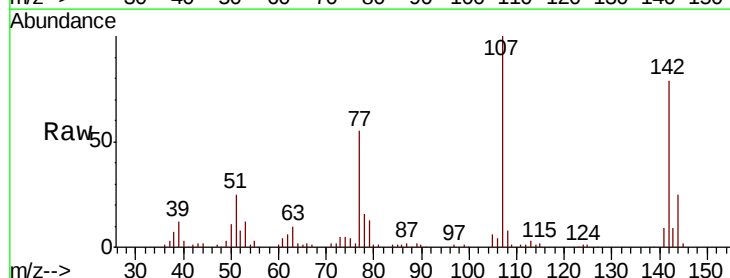
Tgt Ion:107 Resp: 108220

Ion Ratio Lower Upper

107 100

144 25.2 20.7 31.1

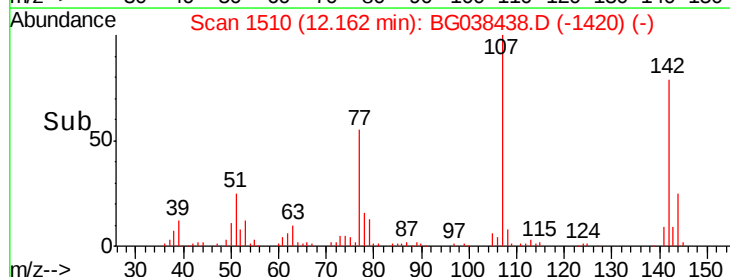
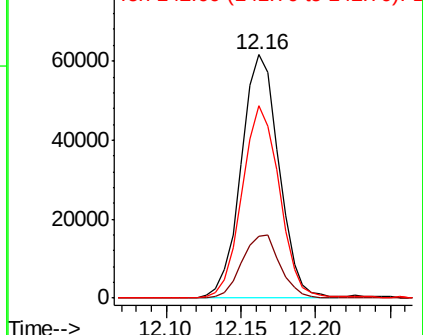
142 79.3 64.4 96.6

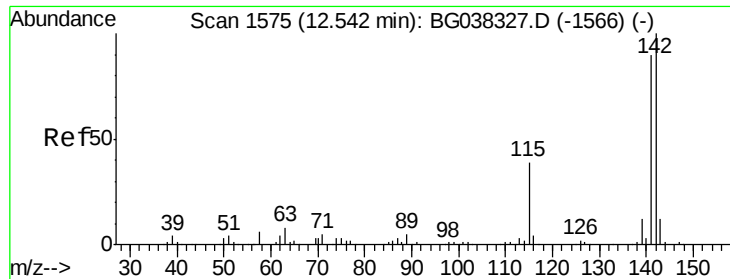


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

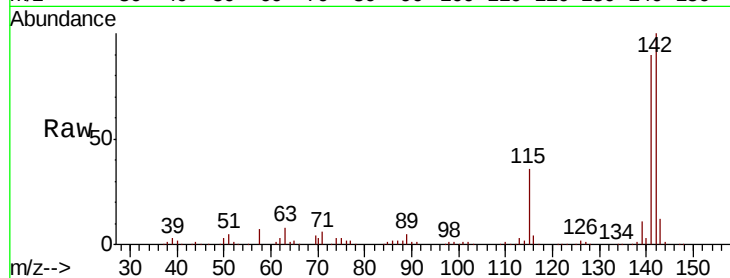




#37
2-Methylnaphthalene
Concen: 62.244 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	36.0	27.8	41.8

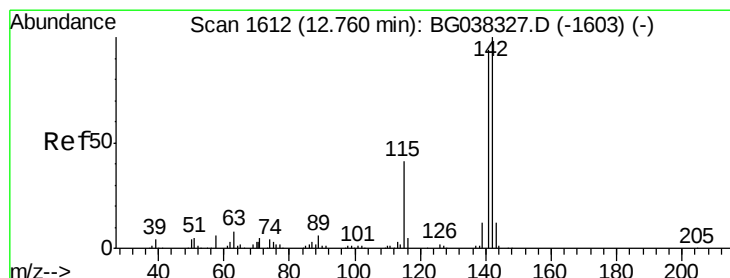
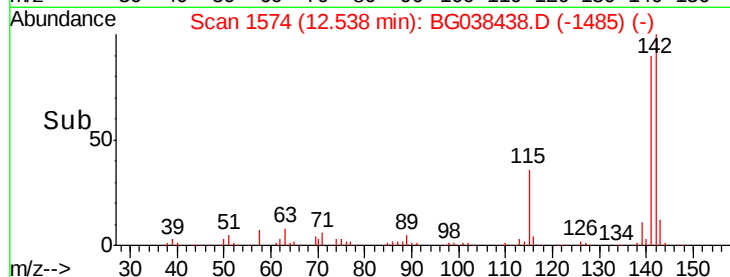
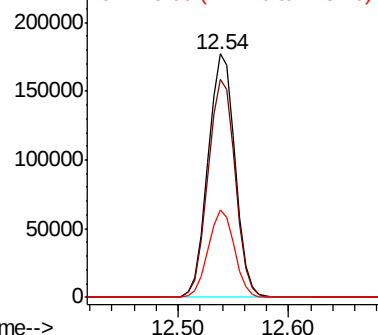


Abundance

Ion 142.00 (141.70 to 142.70): E

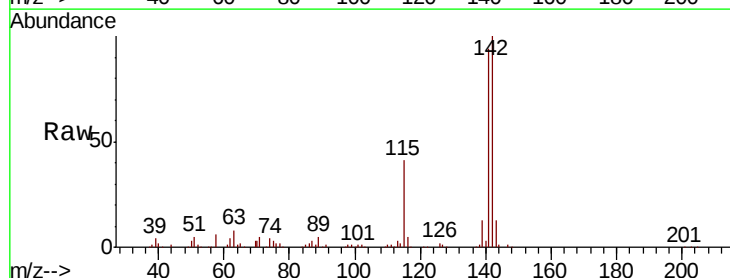
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.605 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.2	112.8
116	4.7	3.3	4.9

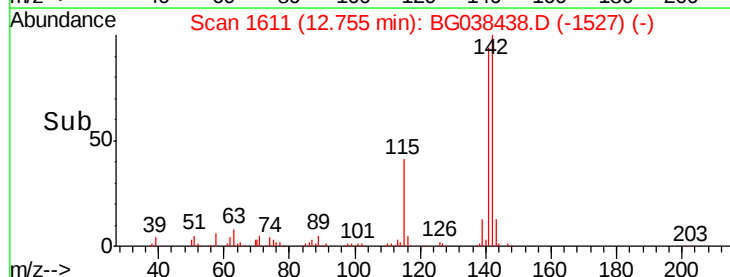
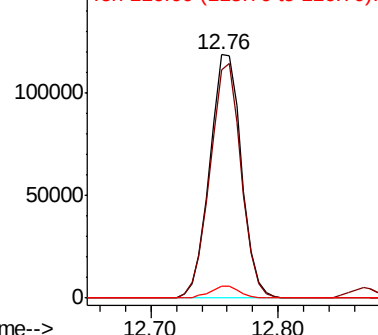


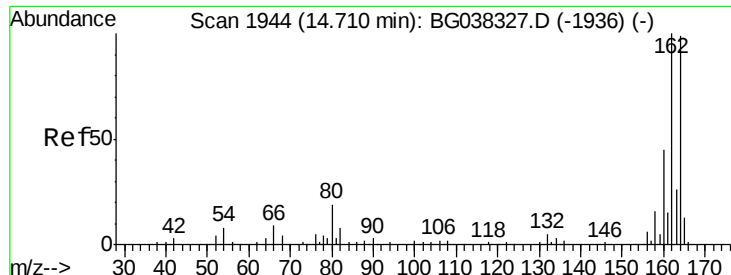
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

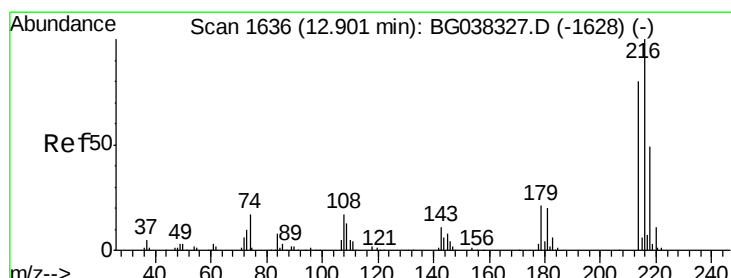
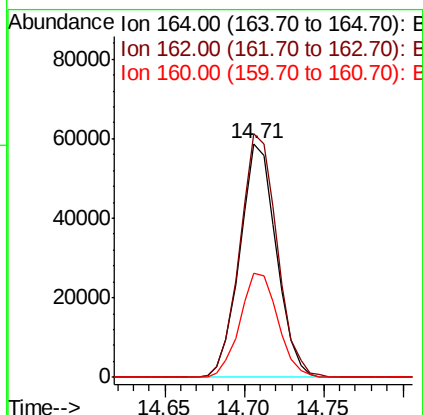
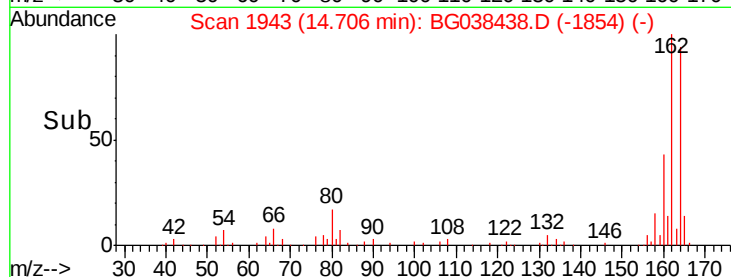
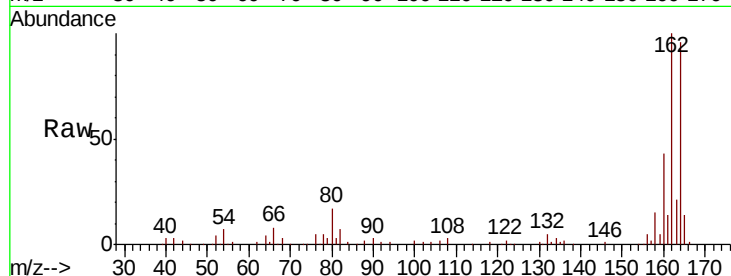
Tot Ion:164 Resp: 93575

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

160 44.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.348 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Tgt Ion:216 Resp: 136358

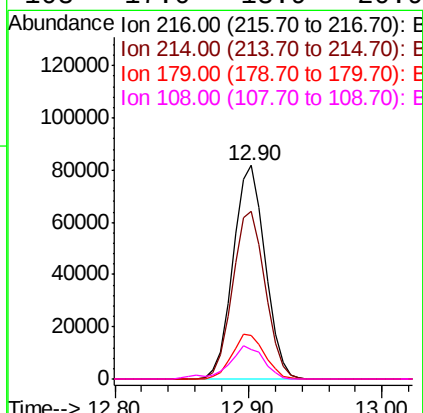
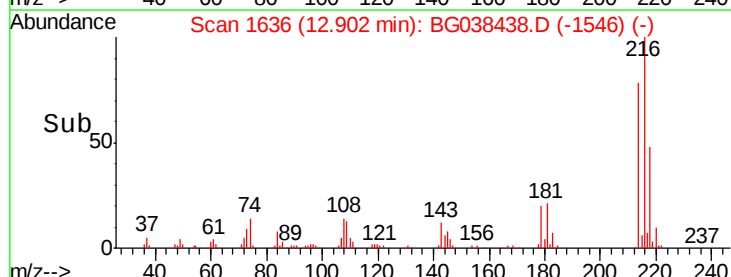
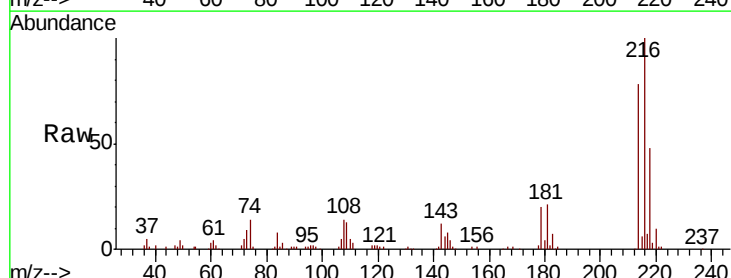
Ion Ratio Lower Upper

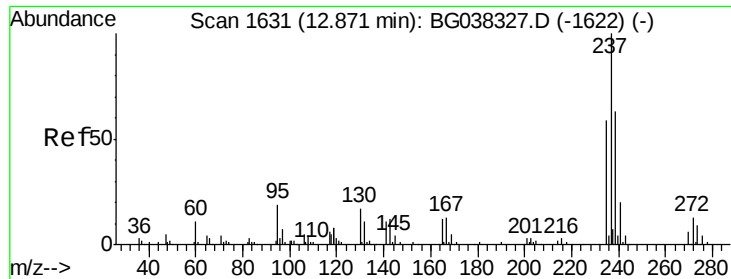
216 100

214 79.6 63.8 95.6

179 21.3 17.4 26.0

108 17.0 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 40.570 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

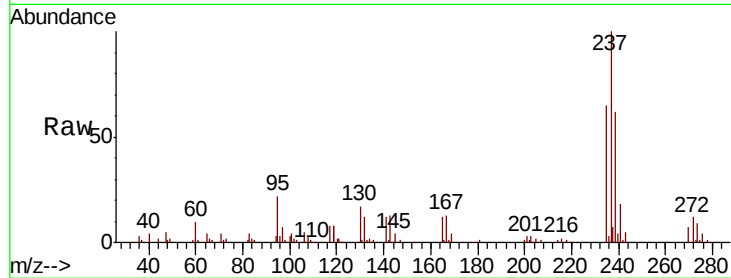
Tot Ion:237 Resp: 71787

Ion Ratio Lower Upper

237 100

235 64.6 42.5 82.5

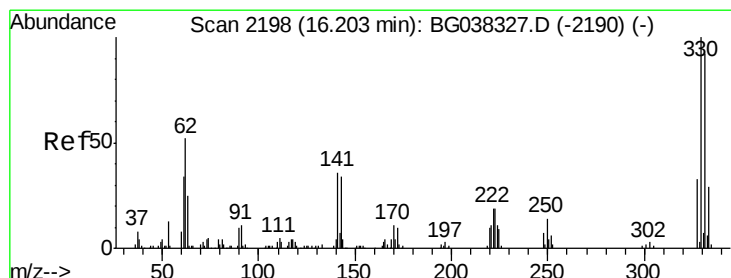
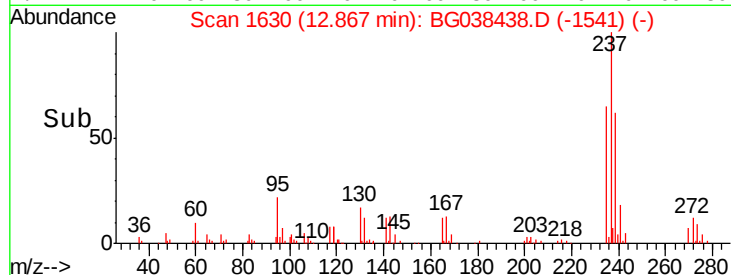
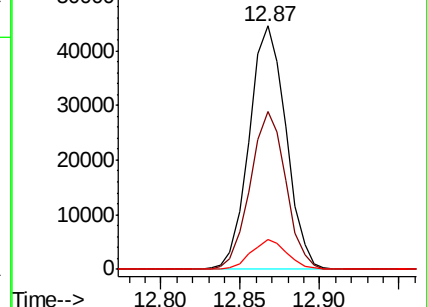
272 12.2 0.0 31.6



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: 85.699 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

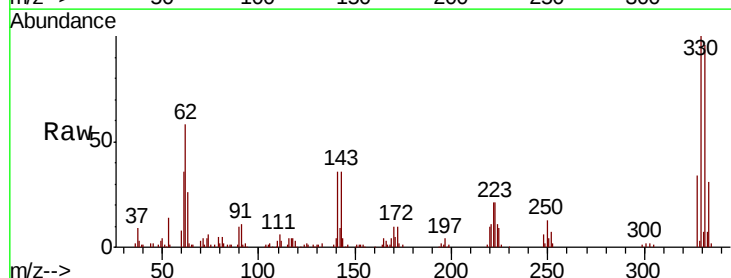
Tgt Ion:330 Resp: 98447

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

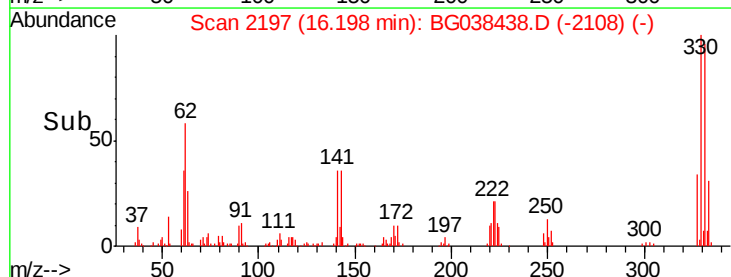
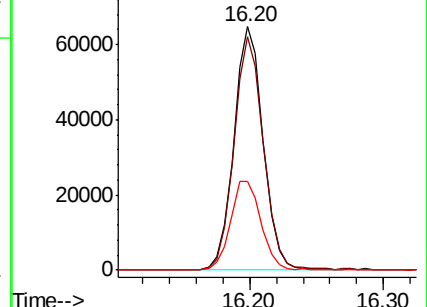
141 38.6 32.2 48.2

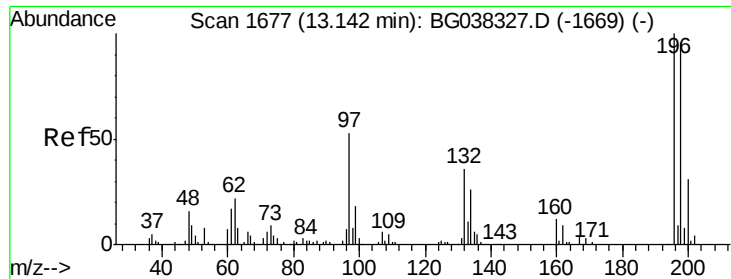


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

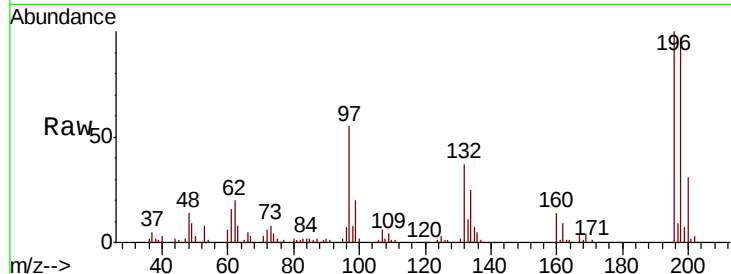




#43
 2,4,6-Trichlorophenol
 Concen: 41.476 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	86511
Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.4	114.6
200	31.2	24.9	37.3

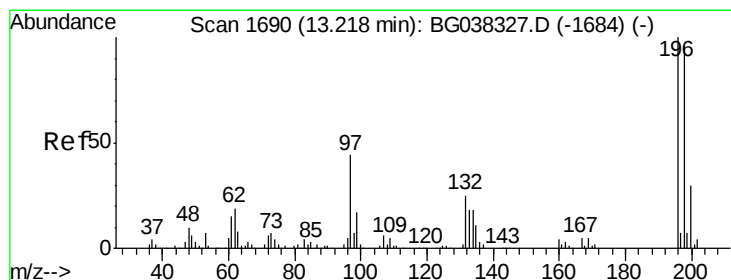
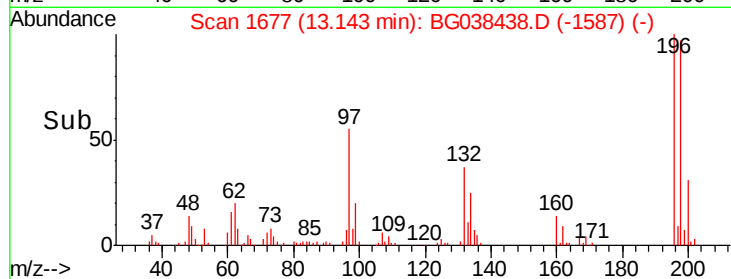
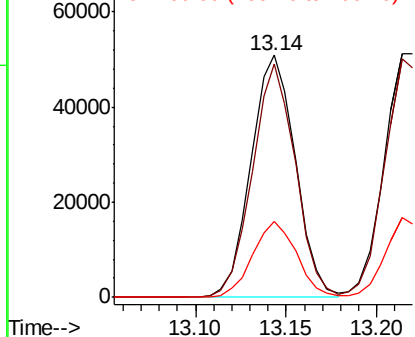


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.424 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion	196	Resp	91534
Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.2	111.2
97	46.5	34.1	51.1
132	23.4	20.2	30.4

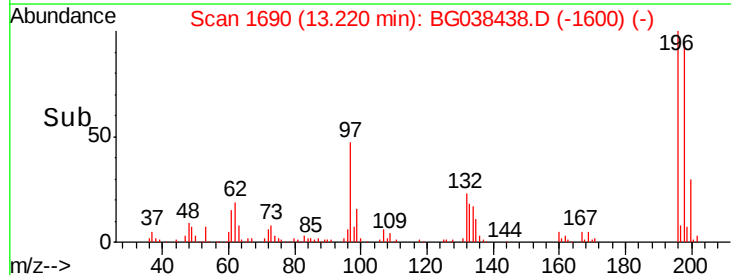
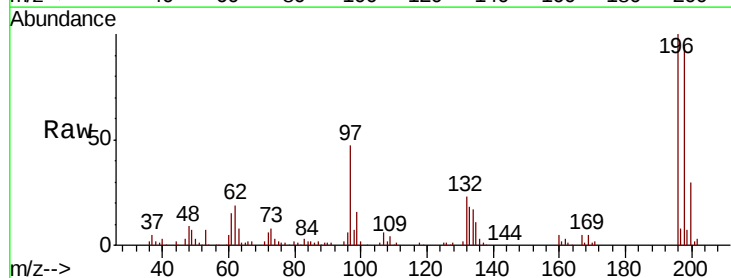
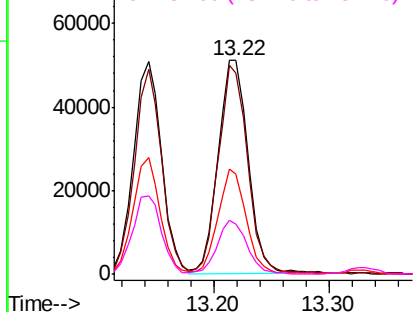
Abundance

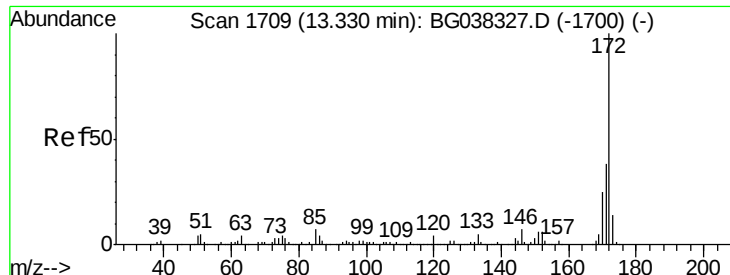
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

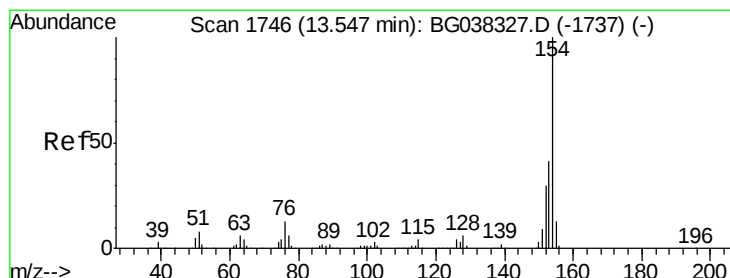
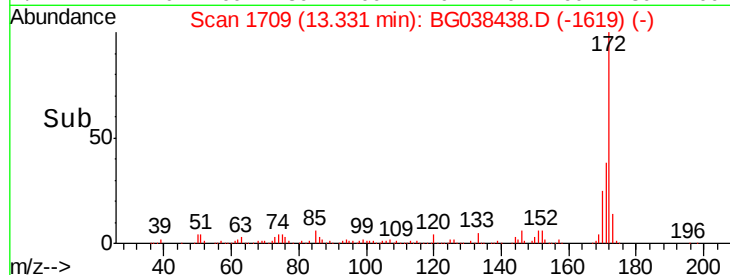
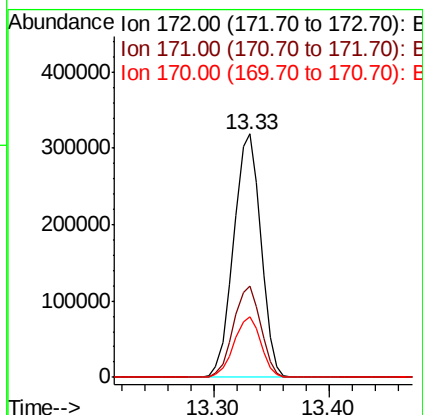
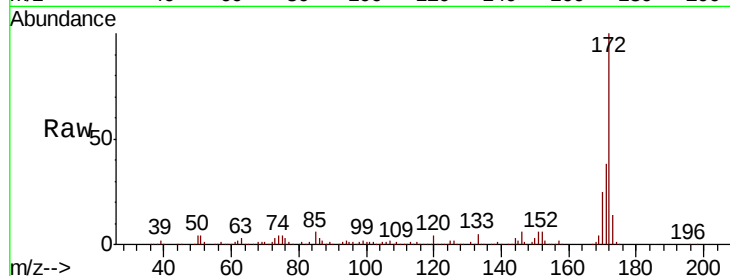




#45
2-Fluorobiphenyl
Concen: 79.297 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

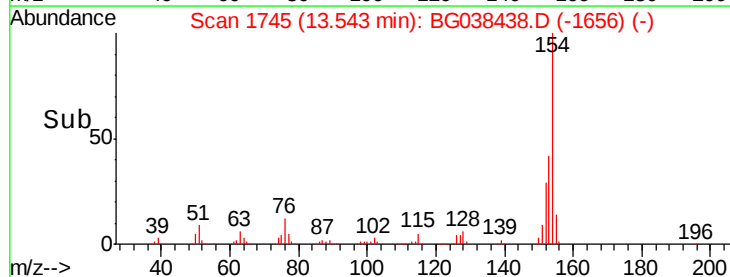
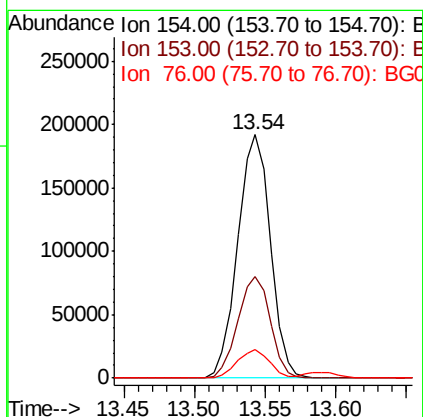
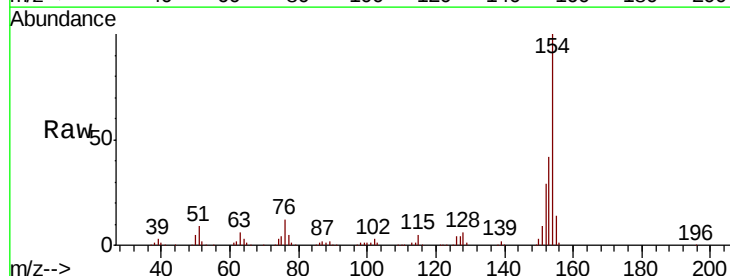
Instrument :
BNA_G
ClientSampleId :

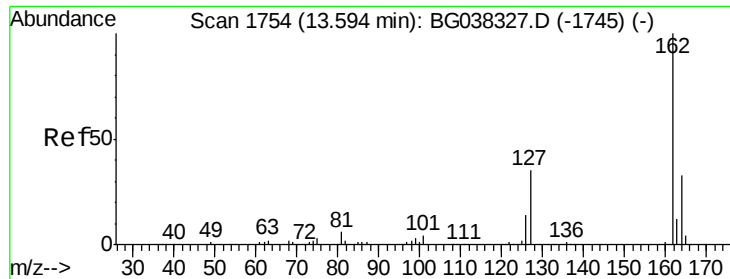
Tot Ion:172 Resp: 520749
Ion Ratio Lower Upper
172 100
171 37.6 31.0 46.4
170 25.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.181 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:154 Resp: 309912
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 11.7 0.0 33.2

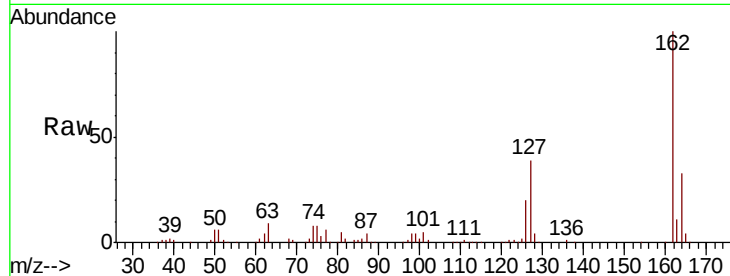




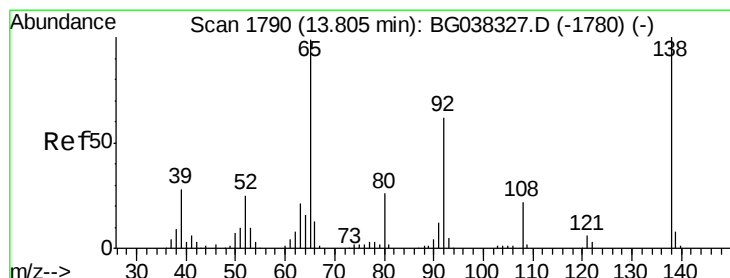
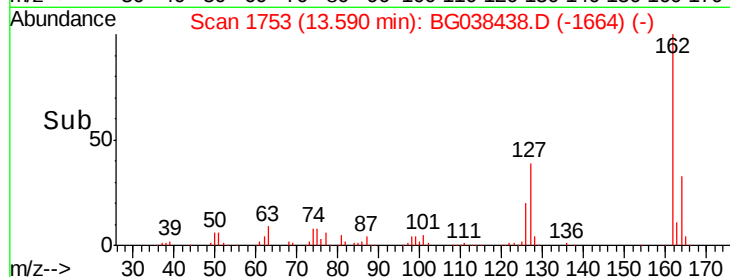
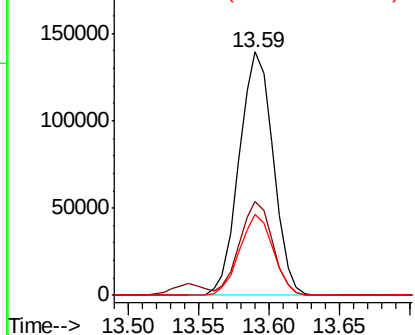
#47
 2-Chloronaphthalene
 Concen: 39.448 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 235452
 Ion Ratio Lower Upper
 162 100
 127 38.7 30.5 45.7
 164 33.1 26.4 39.6

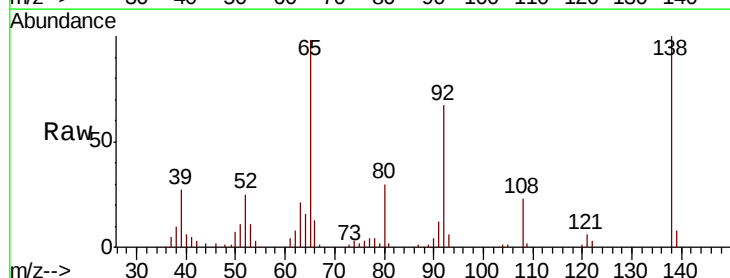


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

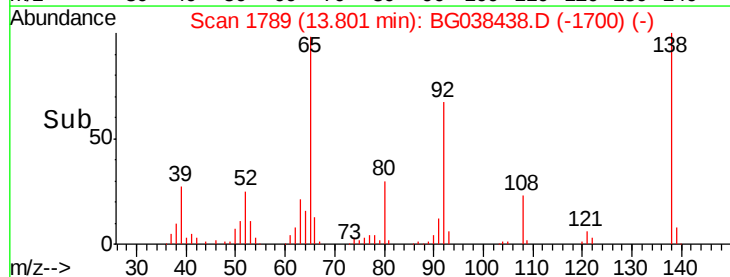
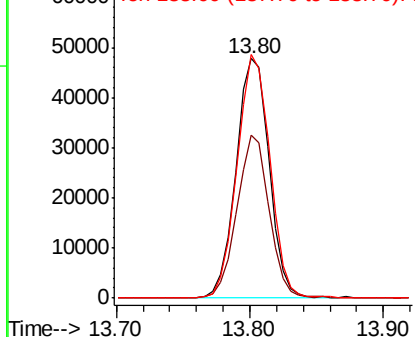


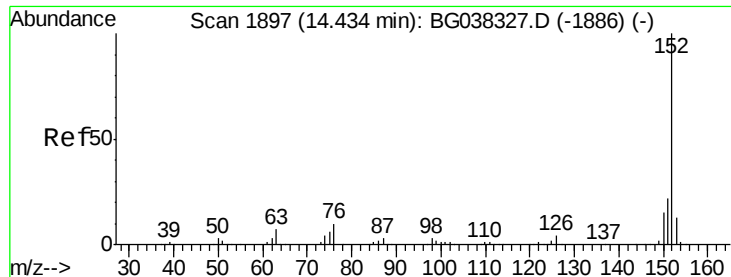
#48
 2-Nitroaniline
 Concen: 40.868 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion: 65 Resp: 81837
 Ion Ratio Lower Upper
 65 100
 92 68.3 53.2 79.8
 138 101.7 79.3 118.9



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





#49

Acenaphthylene

Concen: 39.757 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

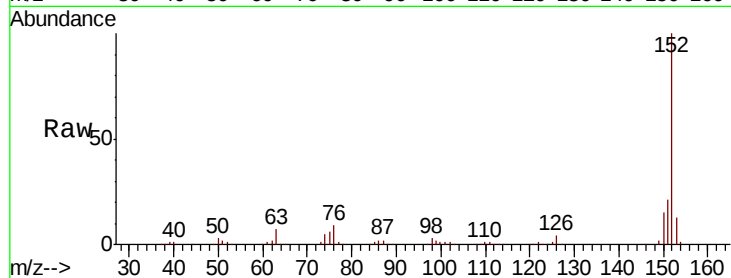
Tot Ion:152 Resp: 357391

Ion Ratio Lower Upper

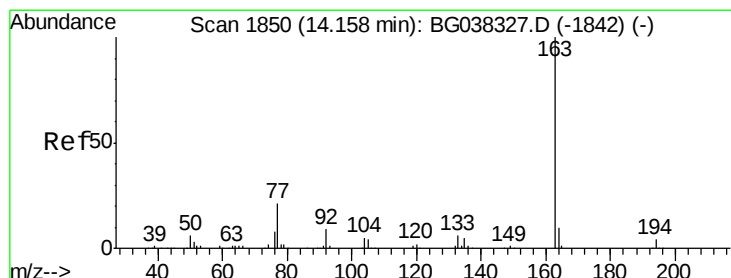
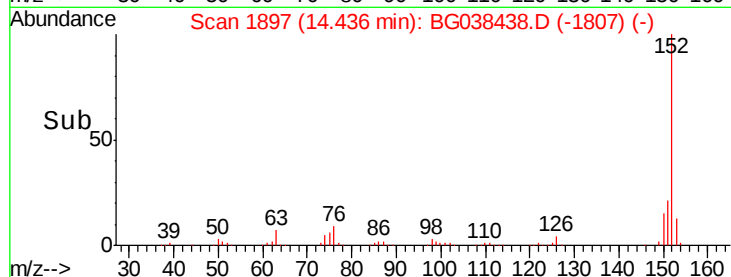
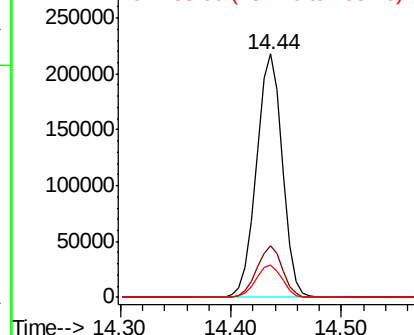
152 100

151 21.0 17.1 25.7

153 13.1 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: 40.468 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

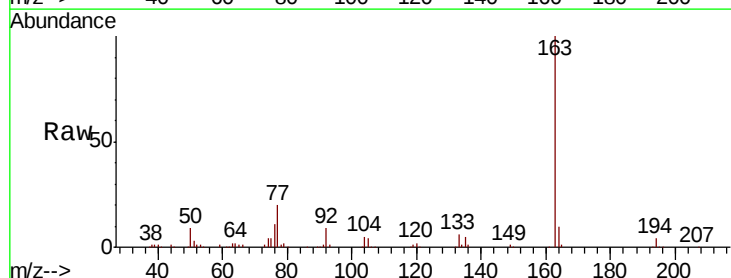
Tgt Ion:163 Resp: 303736

Ion Ratio Lower Upper

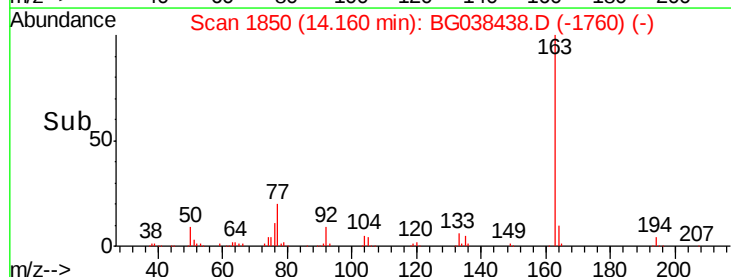
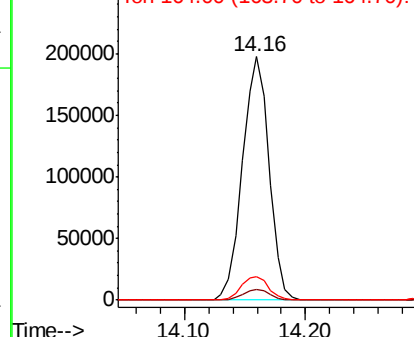
163 100

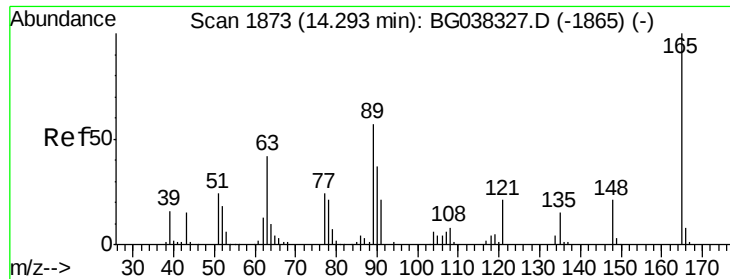
194 4.2 3.5 5.3

164 9.6 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

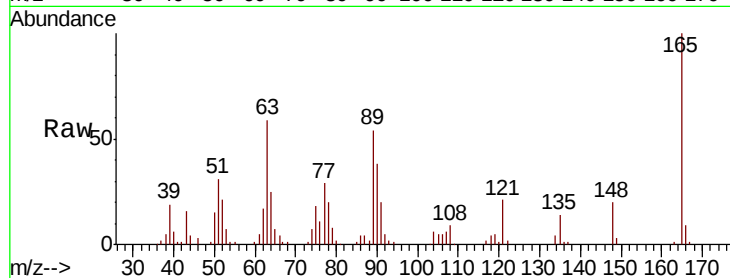




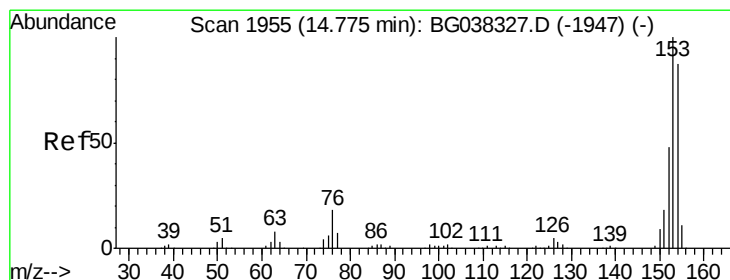
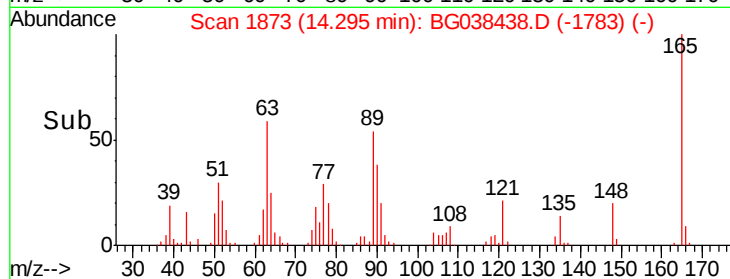
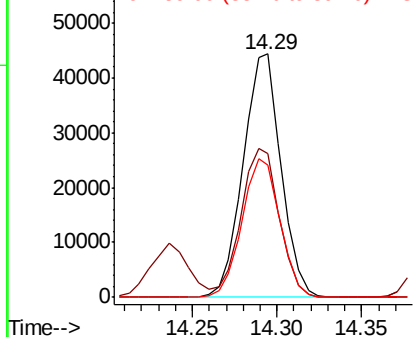
#51
 2,6-Dinitrotoluene
 Concen: 40.310 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.1	43.4	65.2
89	54.3	45.8	68.6

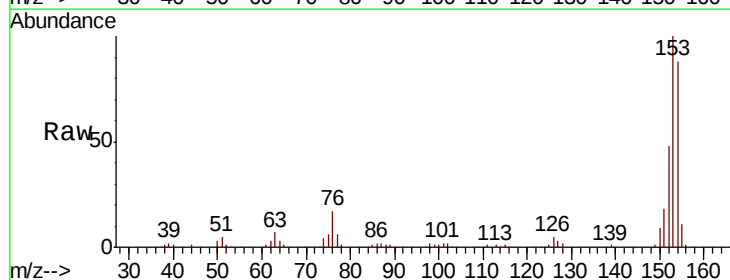


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

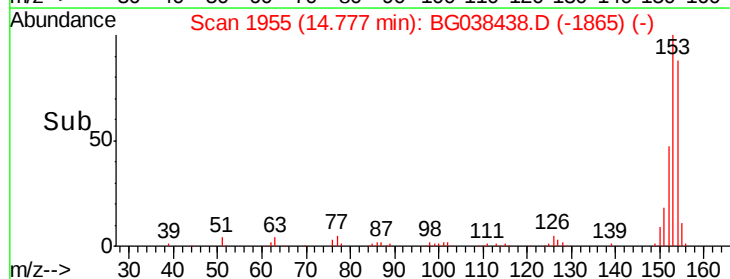
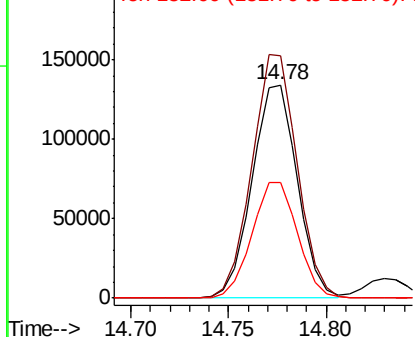


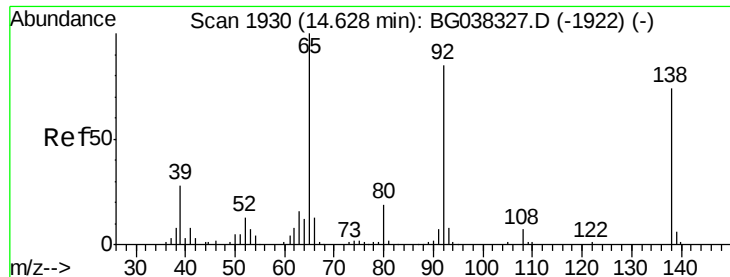
#52
 Acenaphthene
 Concen: 39.314 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	93.4	140.0
152	54.2	44.7	67.1



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





#53

3-Nitroaniline

Concen: 39.907 ng

RT: 14.63 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

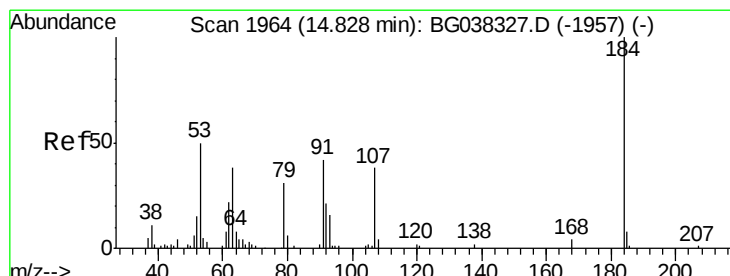
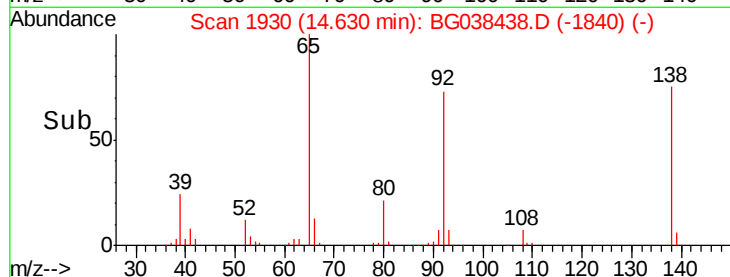
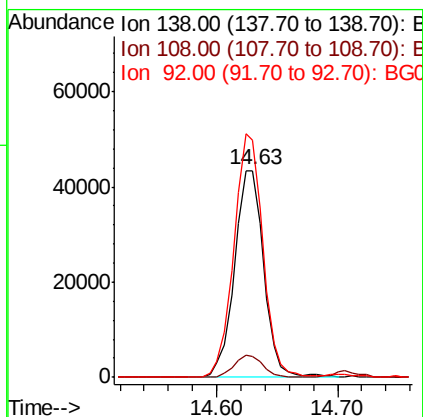
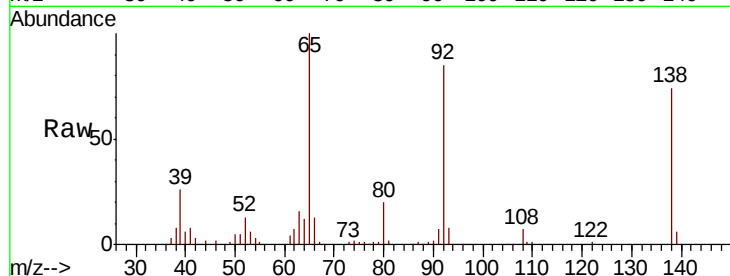
Tot Ion:138 Resp: 73688

Ion Ratio Lower Upper

138 100

108 9.9 11.0 16.6#

92 114.3 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 36.253 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

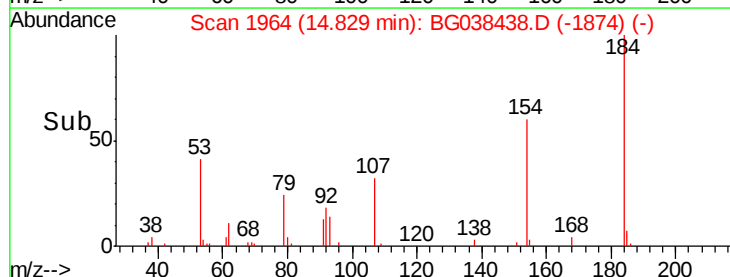
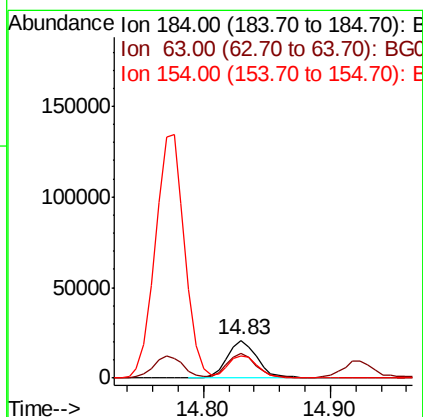
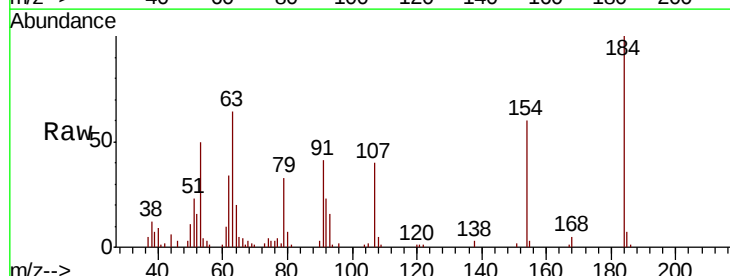
Tgt Ion:184 Resp: 34072

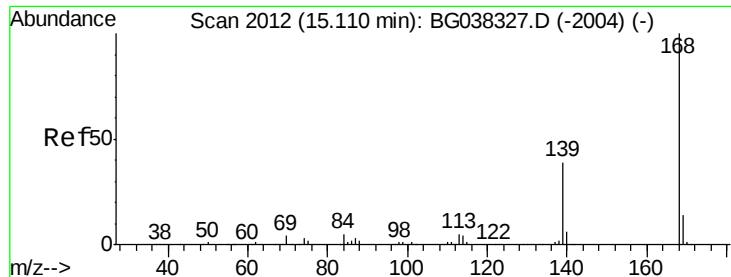
Ion Ratio Lower Upper

184 100

63 64.3 42.6 63.8#

154 59.6 41.8 62.6

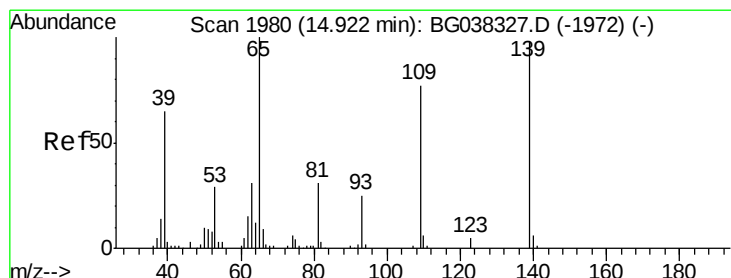
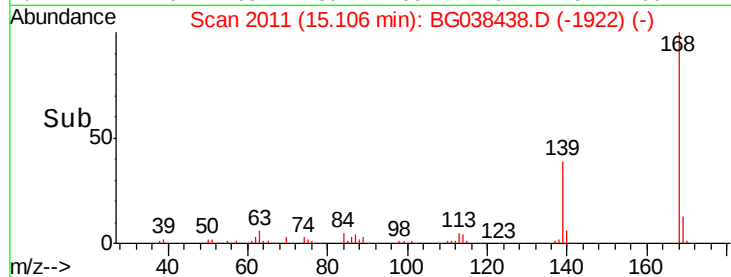
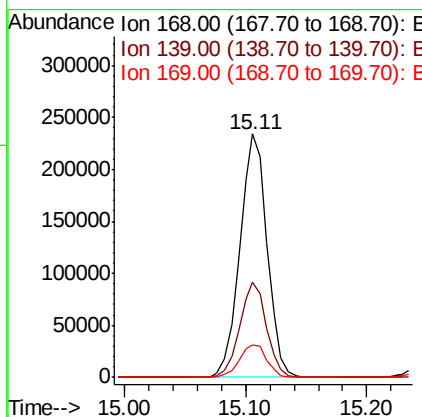
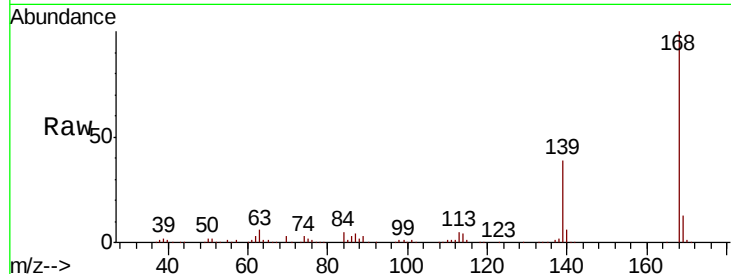




#55
Dibenzo(furan)
Concen: 40.248 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

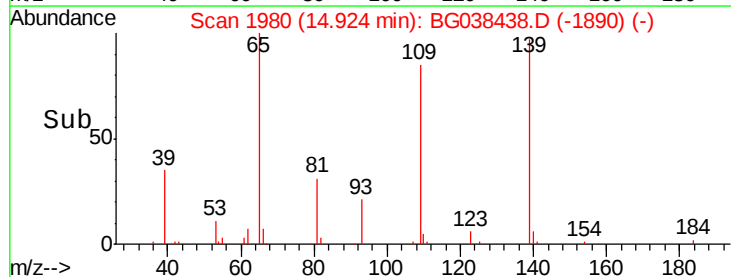
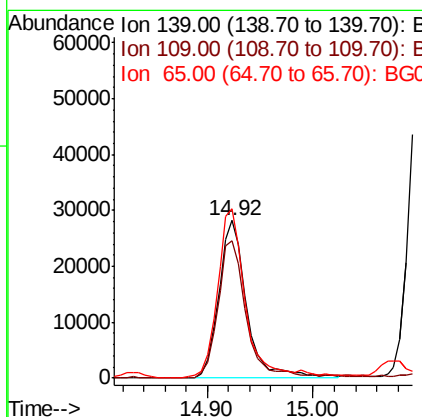
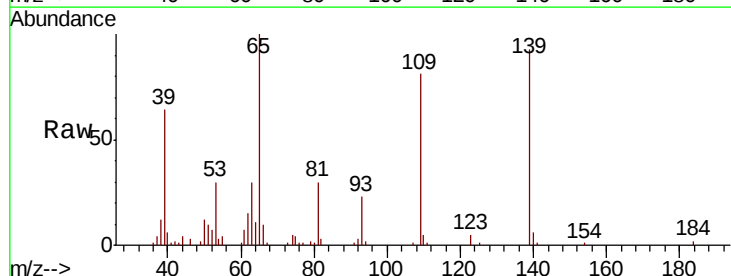
Instrument :
BNA_G
ClientSampleId :

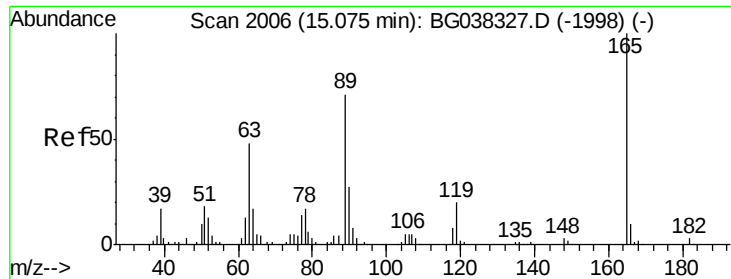
Tot Ion:168 Resp: 364636
Ion Ratio Lower Upper
168 100
139 39.2 29.4 44.0
169 13.2 11.0 16.6



#56
4-Nitrophenol
Concen: 35.488 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:139 Resp: 51763
Ion Ratio Lower Upper
139 100
109 87.4 49.5 89.5
65 107.9 76.8 116.8

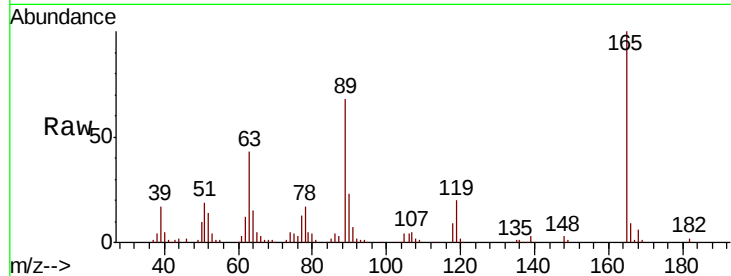




#57
2,4-Dinitrotoluene
Concen: 41.406 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	33.4	50.0
89	68.3	57.2	85.8
182	2.3	2.6	4.0



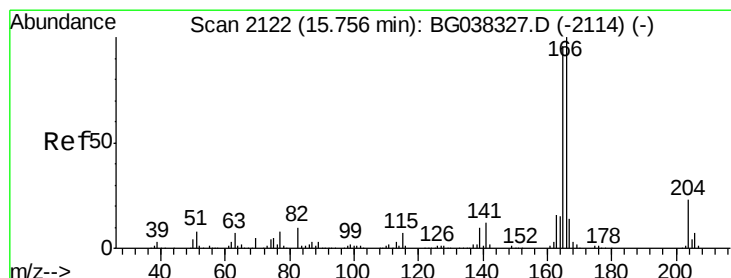
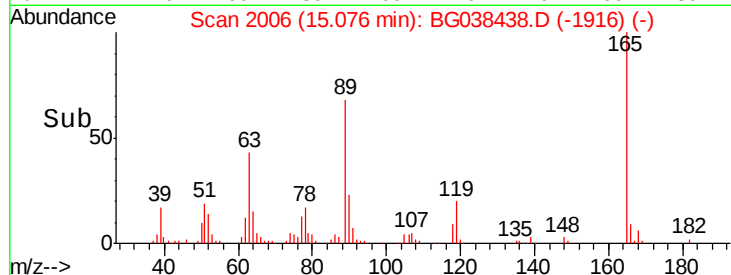
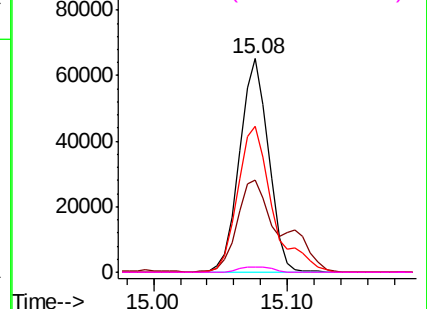
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

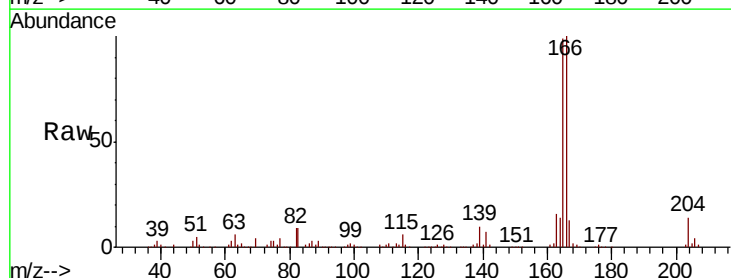
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.571 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	13.2	11.3	16.9

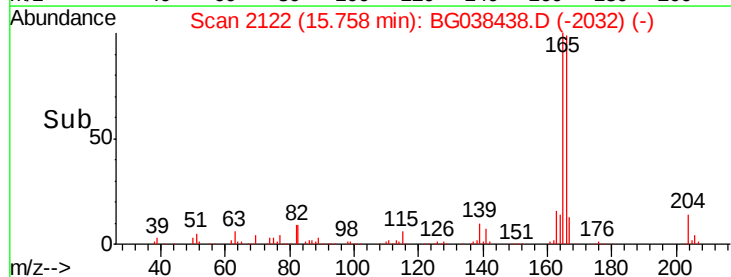
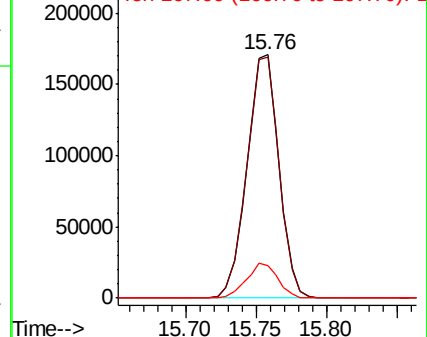


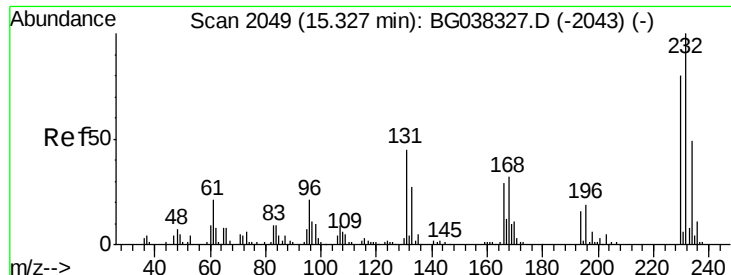
Abundance

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

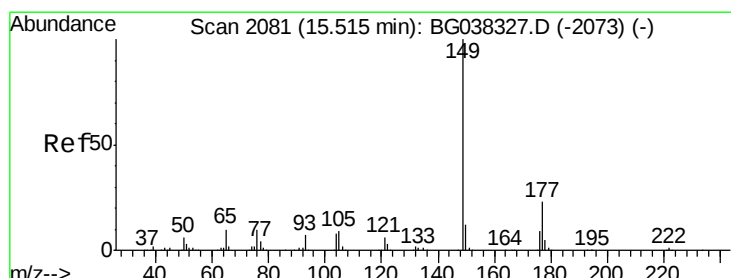
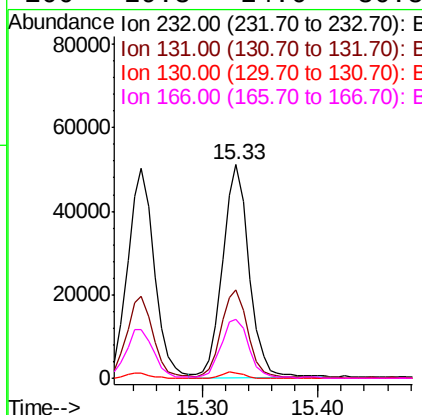
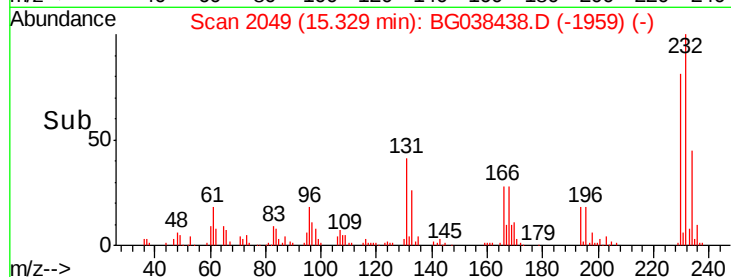
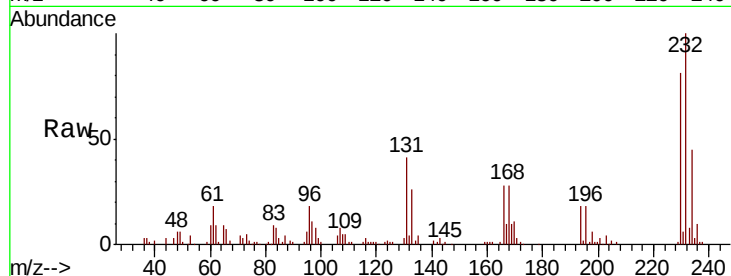




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.165 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

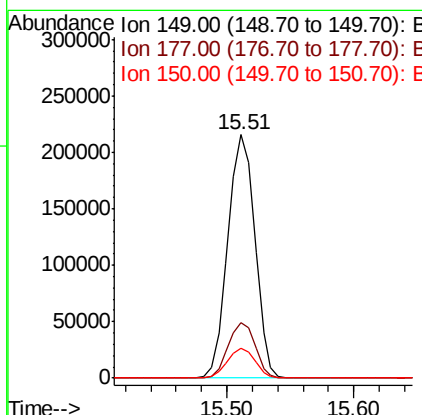
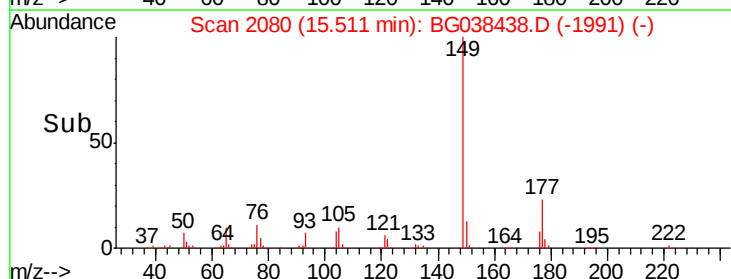
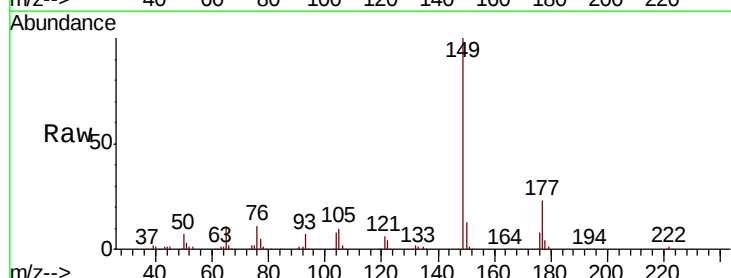
Instrument :
 BNA_G
 ClientSampleId :

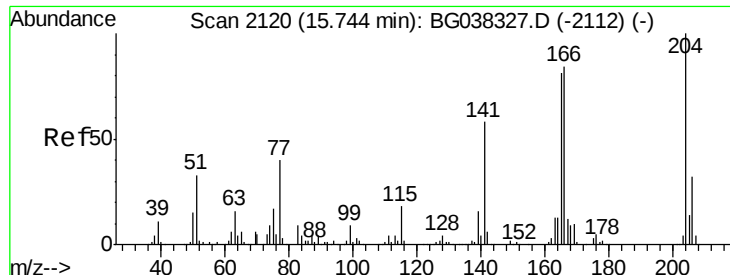
Tot Ion:232 Resp: 80920
 Ion Ratio Lower Upper
 232 100
 131 42.5 33.7 50.5
 130 2.4 2.1 3.1
 166 29.3 24.6 36.8



#60
 Diethylphthalate
 Concen: 38.273 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion:149 Resp: 318248
 Ion Ratio Lower Upper
 149 100
 177 22.9 18.3 27.5
 150 12.5 10.0 15.0

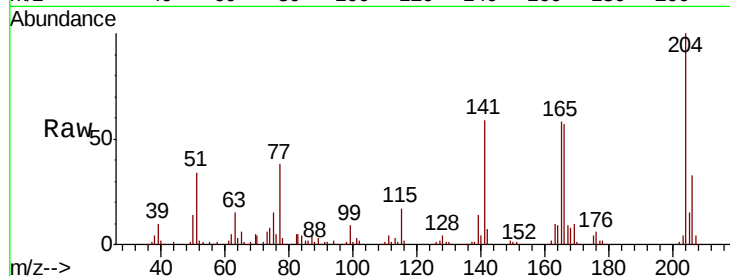




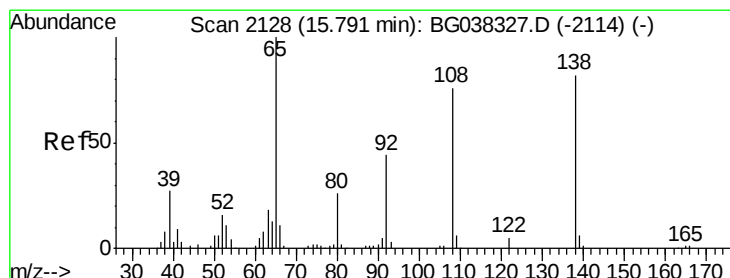
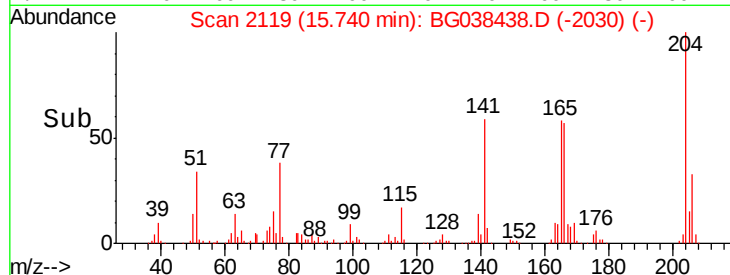
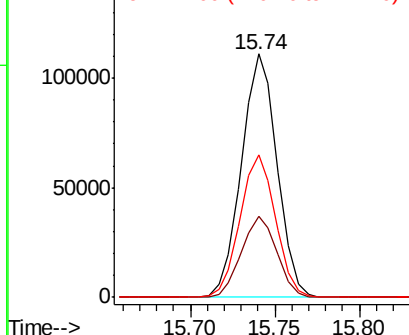
#61
4-Chlorophenyl-phenylether
Concen: 40.572 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	58.6	45.4	68.2

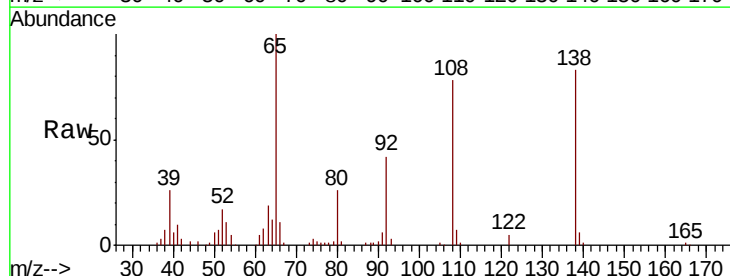


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

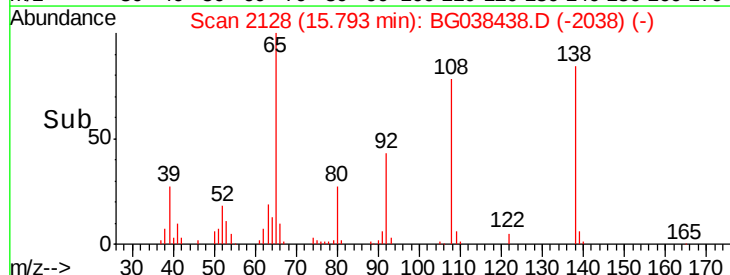
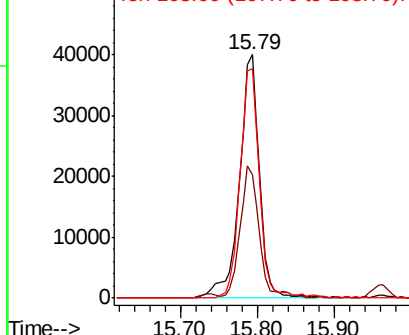


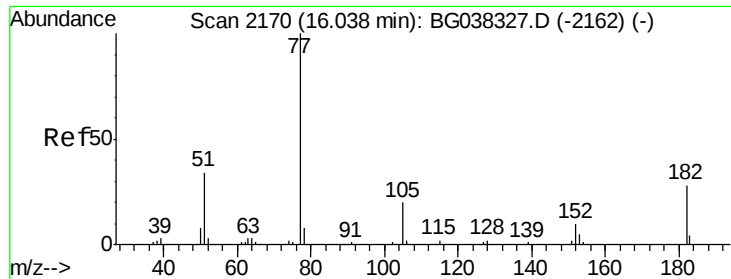
#62
4-Nitroaniline
Concen: 40.089 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	36.4	76.4
108	94.2	60.1	100.1



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





#63

Azobenzene

Concen: 38.840 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 282648

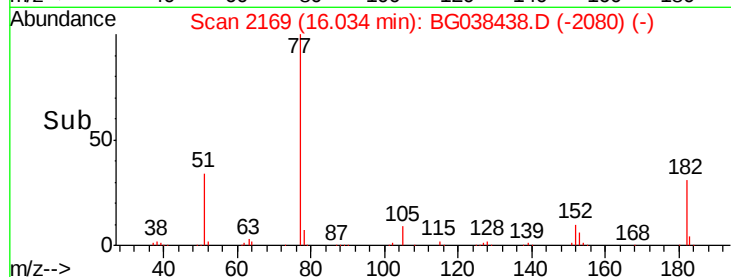
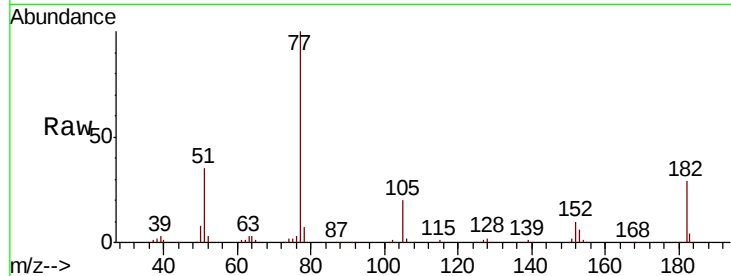
Ion Ratio Lower Upper

77 100

182 28.9 8.0 48.0

105 19.6 1.3 41.3

51 35.3 10.7 50.7

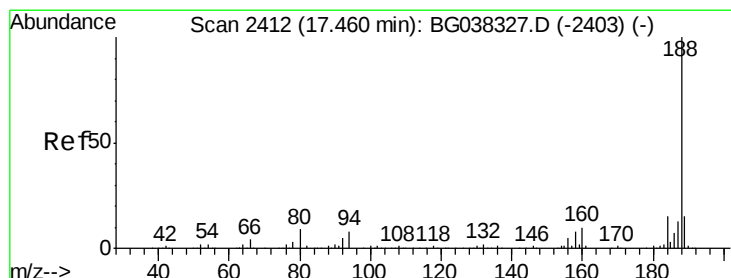
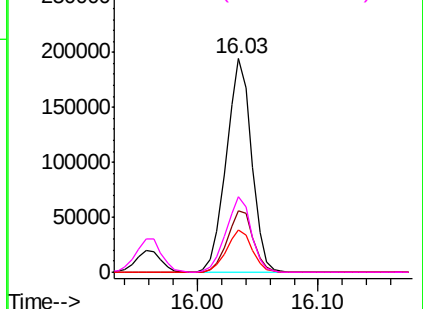


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

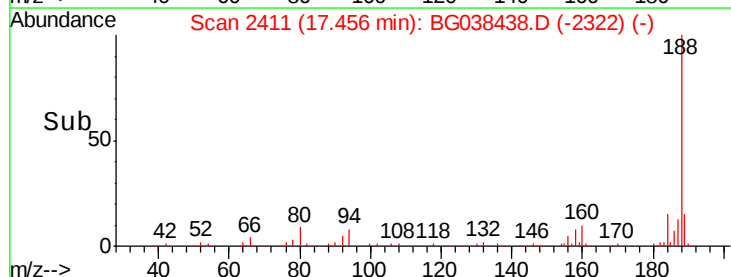
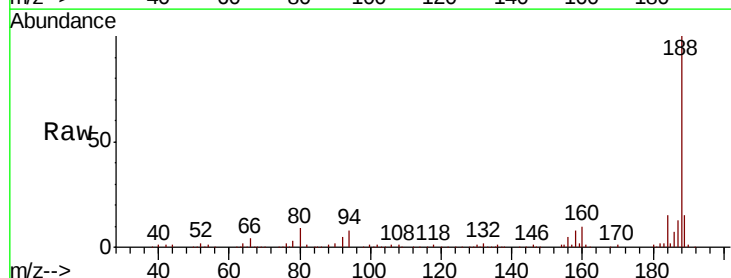
Tgt Ion: 188 Resp: 224344

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

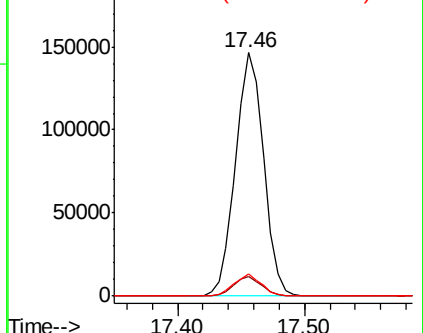
80 9.0 7.7 11.5

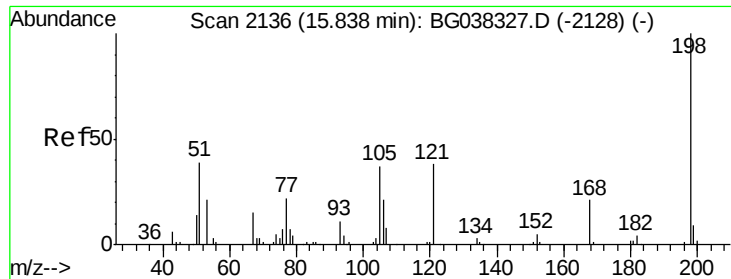


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

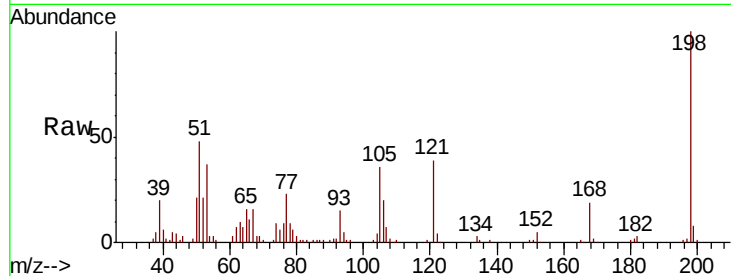




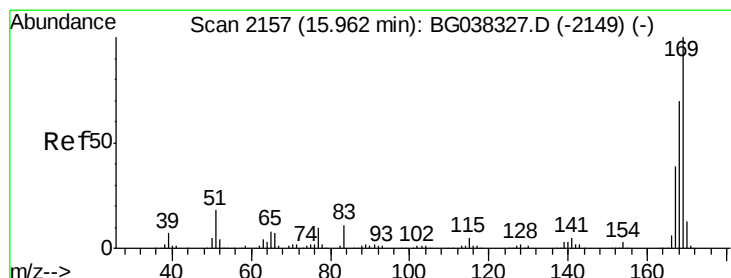
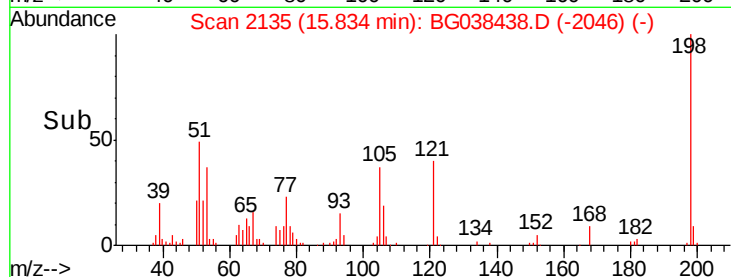
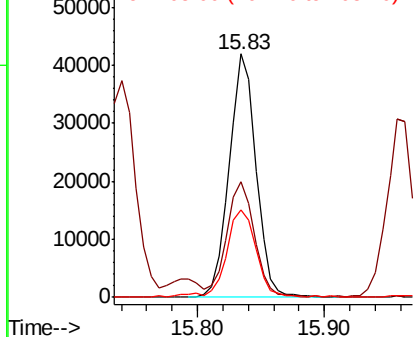
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.528 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 61043
 Ion Ratio Lower Upper
 198 100
 51 47.7 22.7 62.7
 105 36.0 19.7 59.7

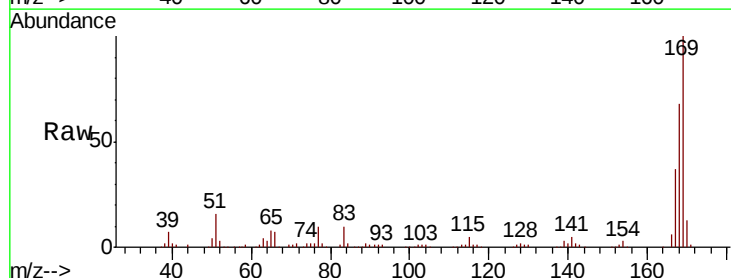


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

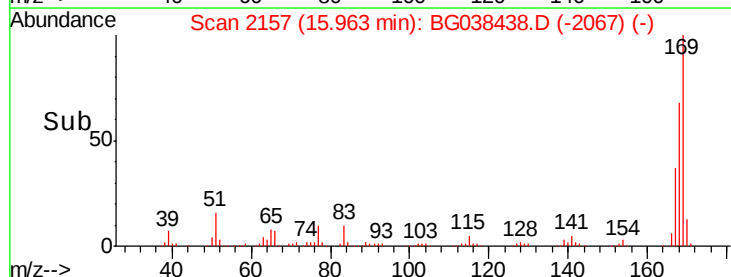
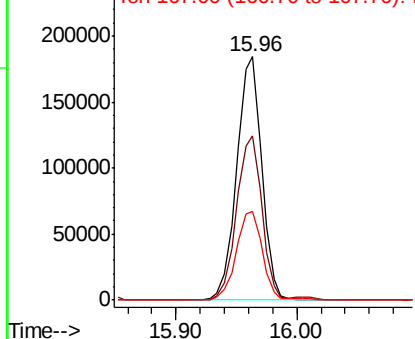


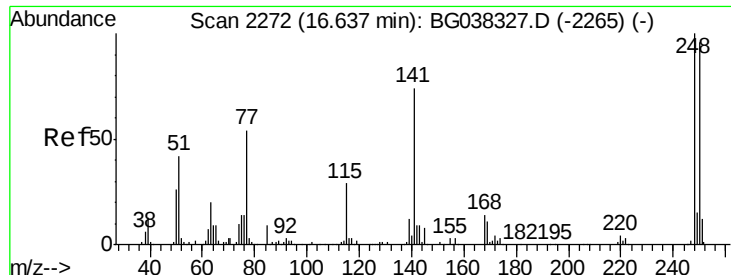
#66
 n-Nitrosodiphenylamine
 Concen: 42.265 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion:169 Resp: 266632
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.7 83.5
 167 36.6 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: 46.893 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

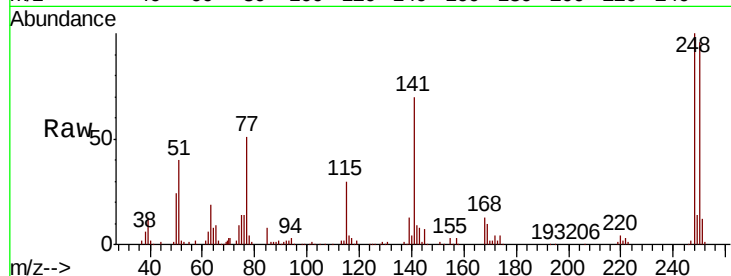
Tot Ion:248 Resp: 113606

Ion Ratio Lower Upper

248 100

250 95.9 77.0 115.6

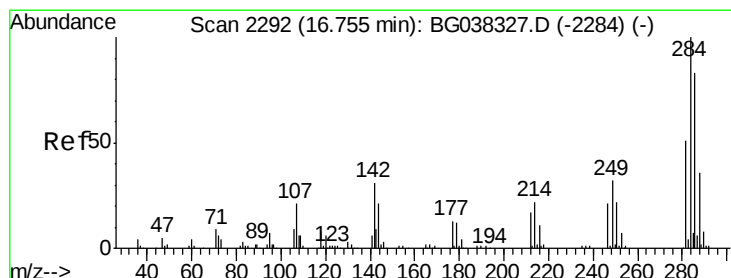
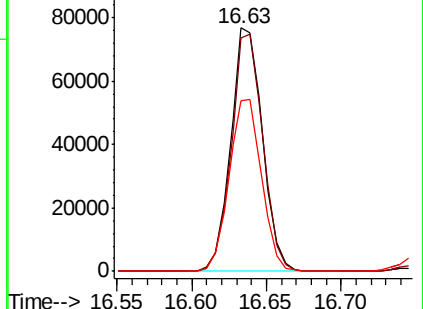
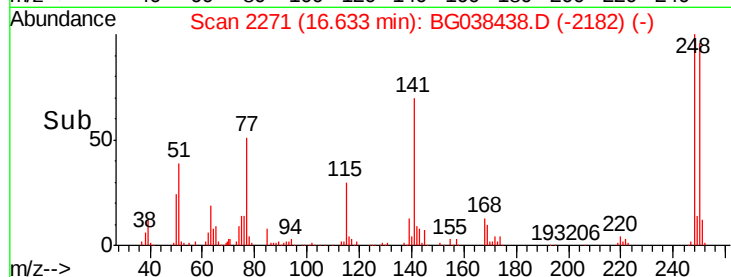
141 70.0 55.5 83.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 45.849 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

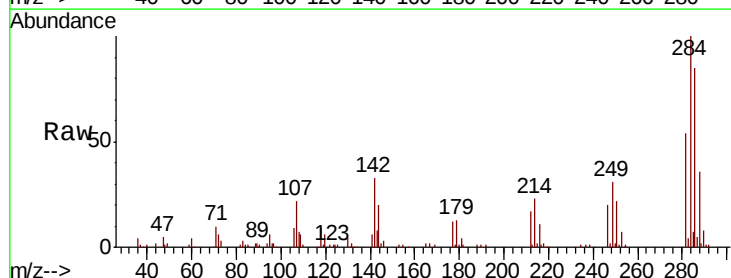
Tgt Ion:284 Resp: 114572

Ion Ratio Lower Upper

284 100

142 33.3 28.1 42.1

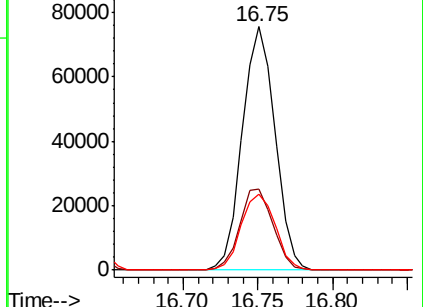
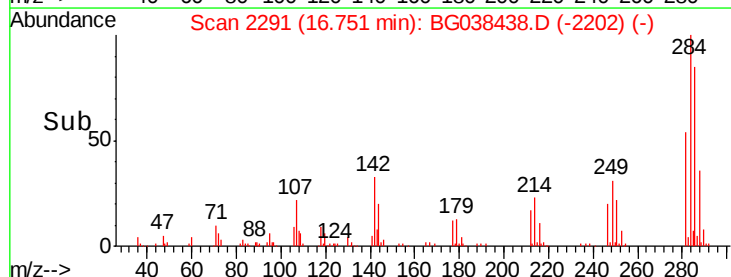
249 33.2 29.8 44.8

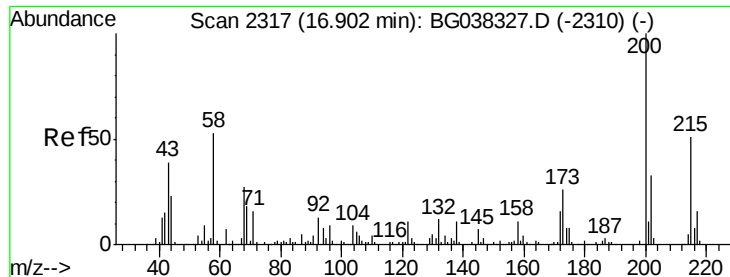


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

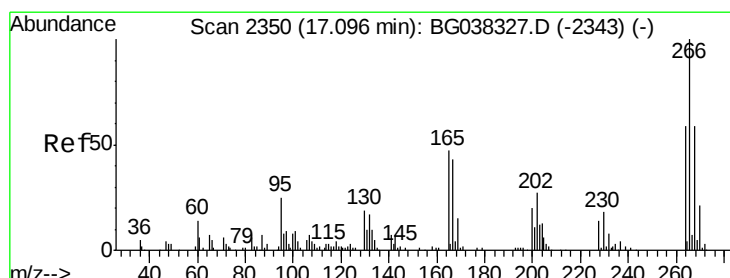
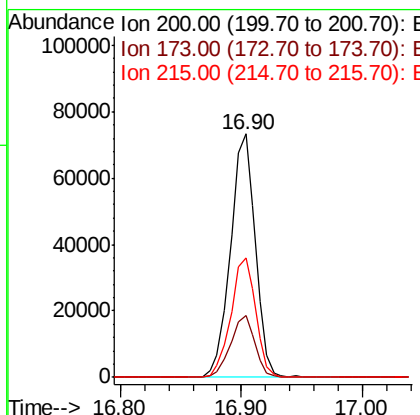
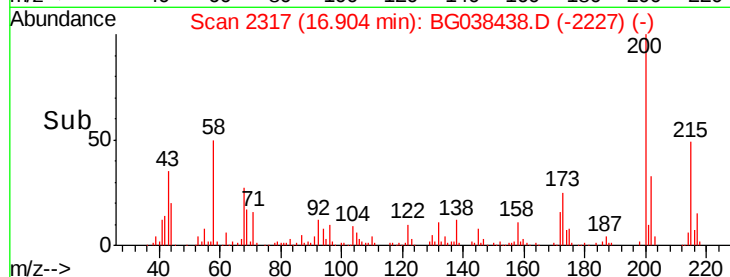
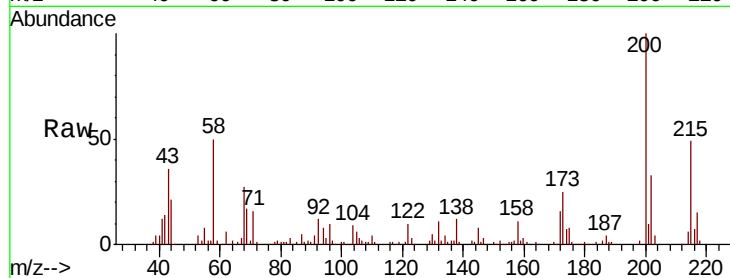




#69
Atrazine
Concen: 44.596 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

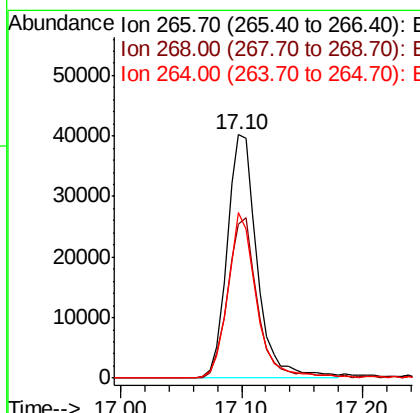
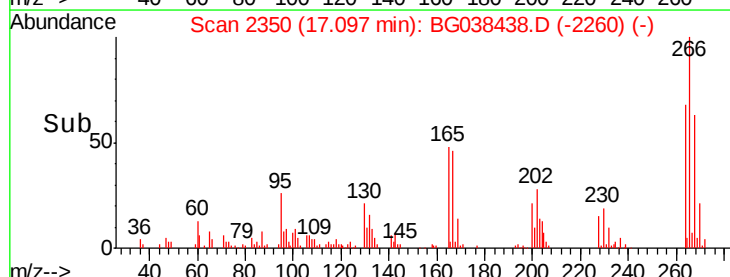
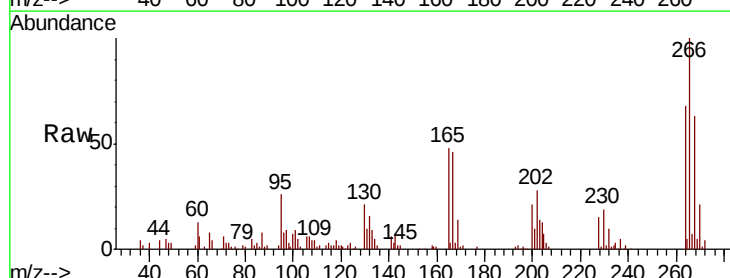
Instrument :
BNA_G
ClientSampled :

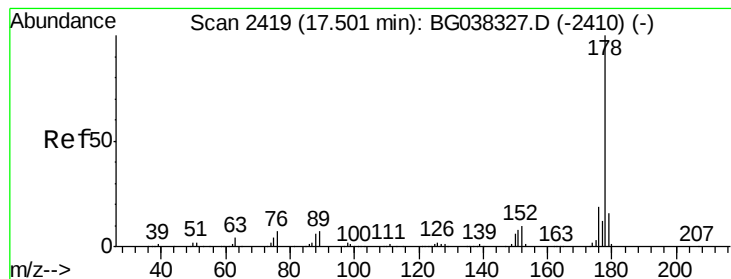
Tot Ion:200 Resp: 104979
Ion Ratio Lower Upper
200 100
173 25.3 6.1 46.1
215 49.1 30.8 70.8



#70
Pentachlorophenol
Concen: 40.441 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:266 Resp: 69218
Ion Ratio Lower Upper
266 100
268 68.0 55.0 82.6
264 72.6 58.9 88.3





#71

Phenanthrene

Concen: 40.755 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

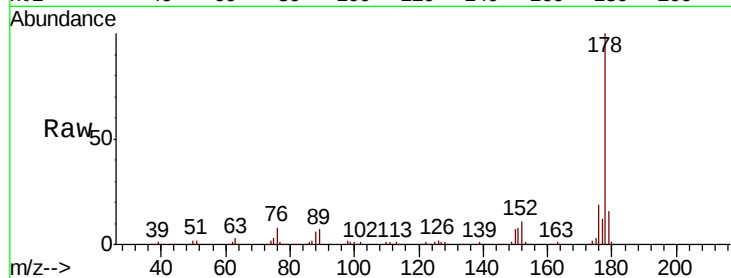
Tot Ion:178 Resp: 457884

Ion Ratio Lower Upper

178 100

176 19.4 16.1 24.1

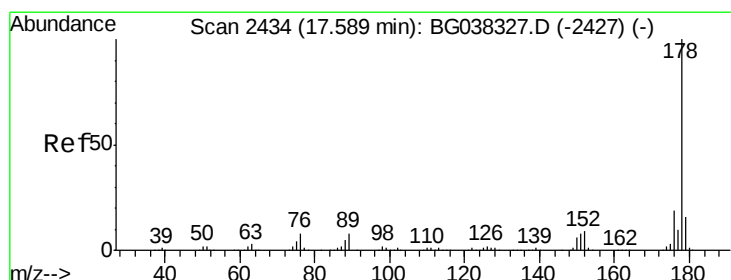
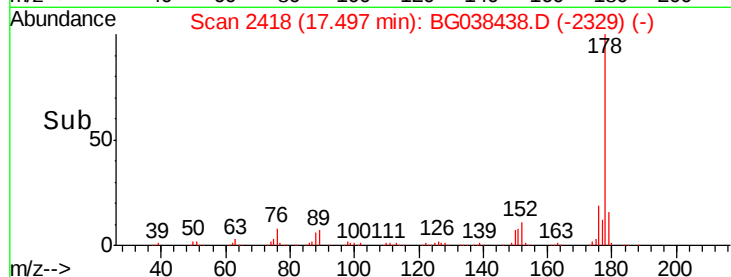
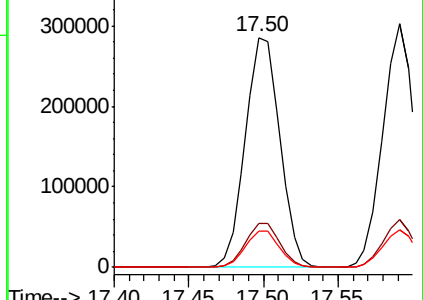
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.554 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

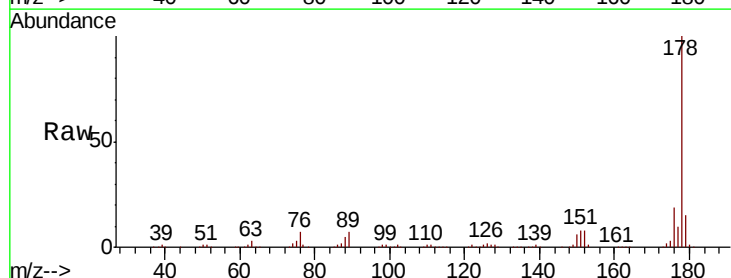
Tgt Ion:178 Resp: 452111

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

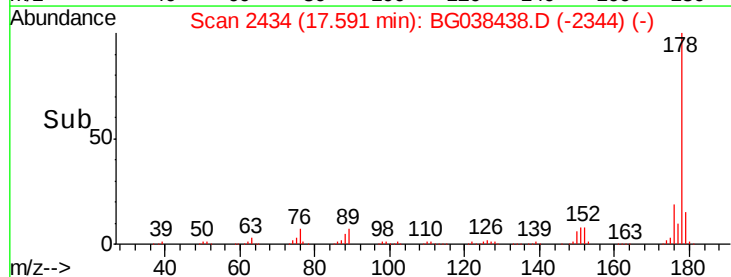
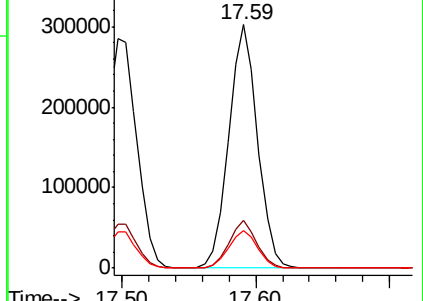
179 15.4 12.8 19.2

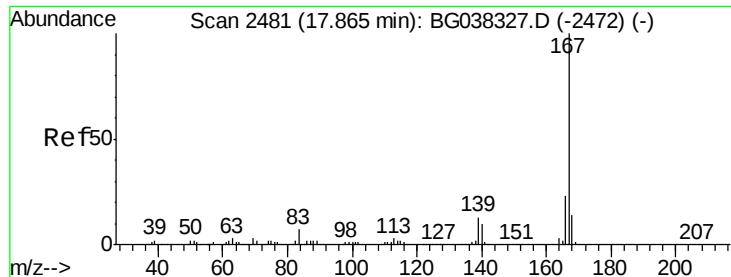


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

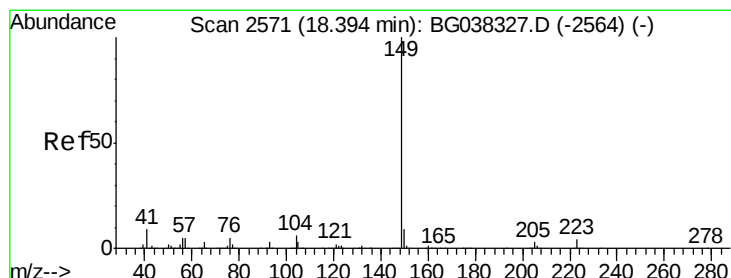
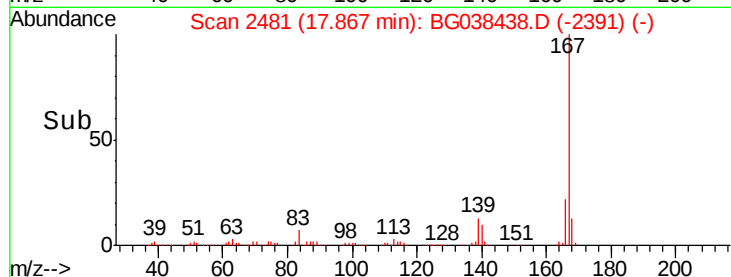
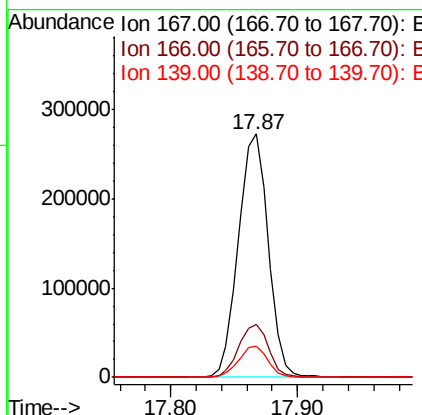
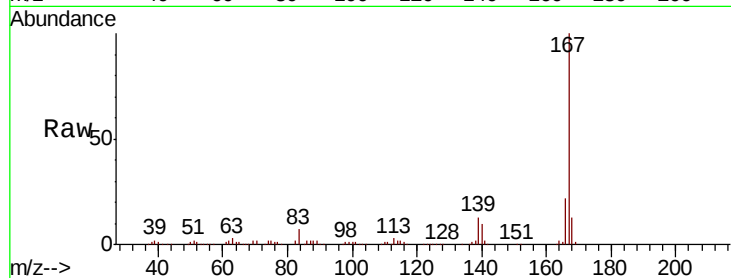




#73
 Carbazole
 Concen: 41.280 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

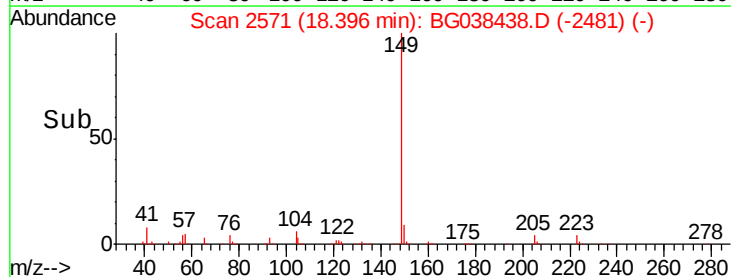
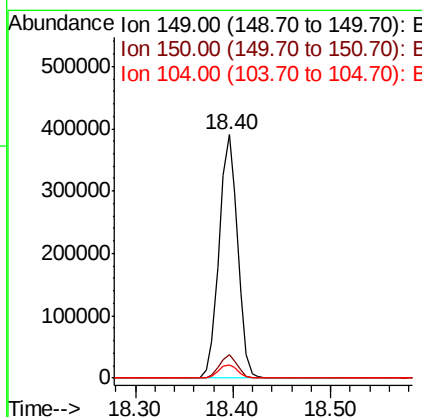
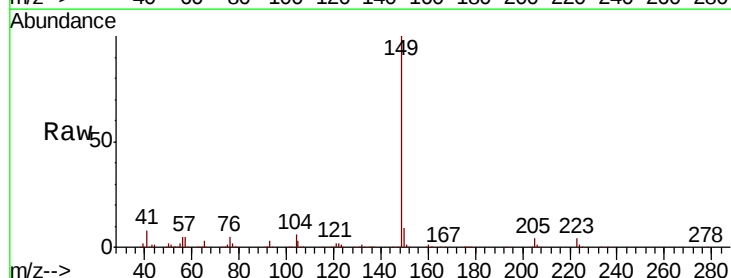
Instrument :
 BNA_G
 ClientSampleId :

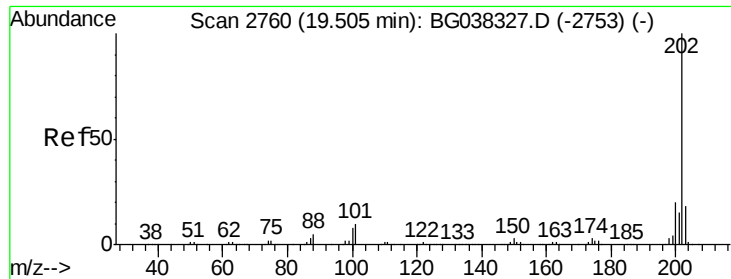
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.3	27.5
139	12.9	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 40.567 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.7	4.0	6.0

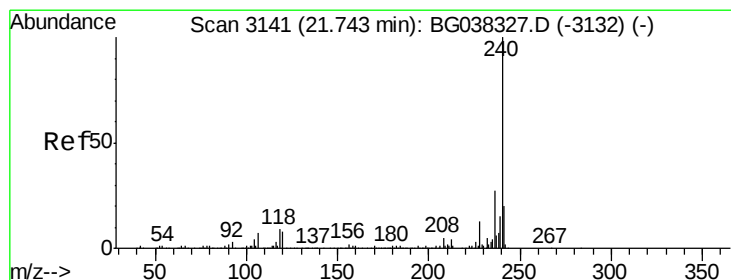
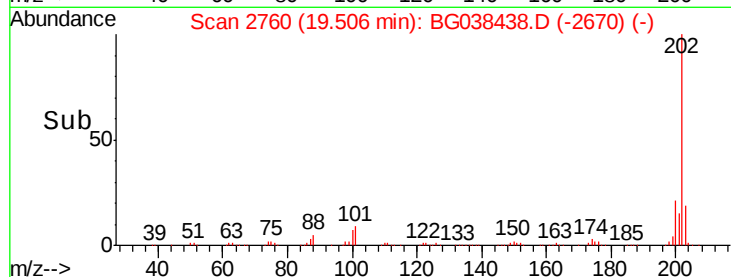
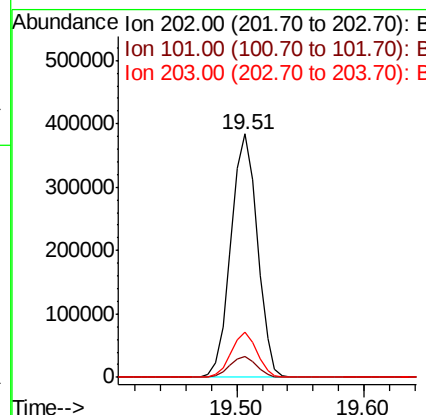
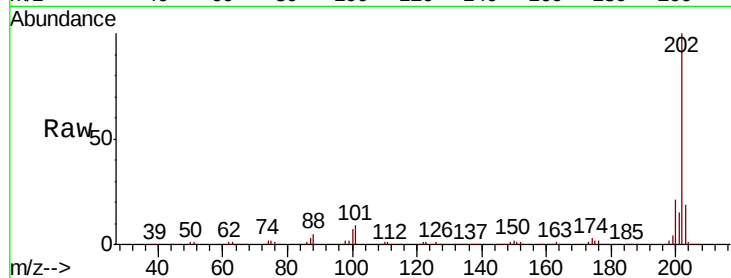




#75
 Fluoranthene
 Concen: 42.247 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

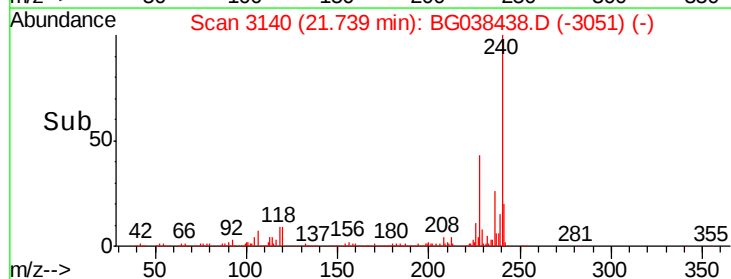
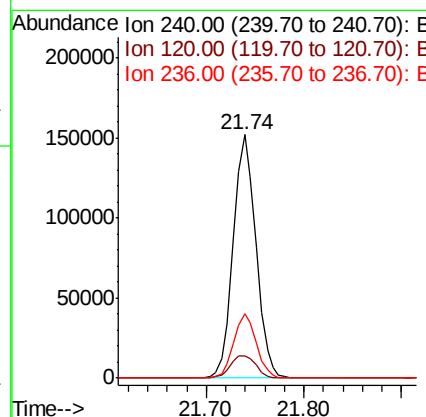
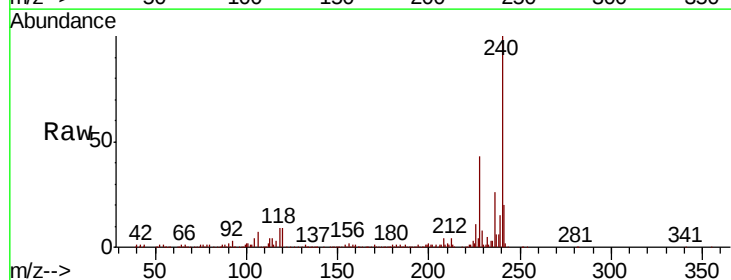
Instrument :
 BNA_G
 ClientSampled :

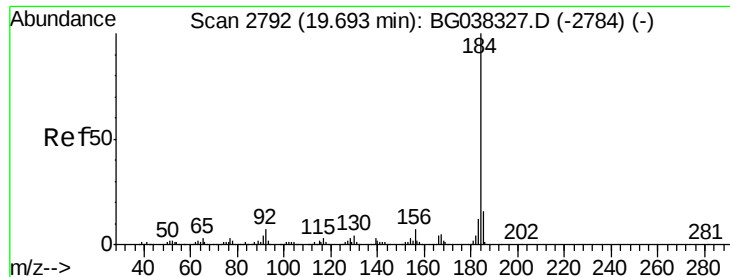
Tot Ion	Ratio	Resp	Lower	Upper
202	100	554545		
101	8.6		0.0	30.7
203	18.6		0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	246350		
120	9.1		8.1	12.1
236	26.4		21.4	32.0





#77

Benzidine

Concen: 31.245 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

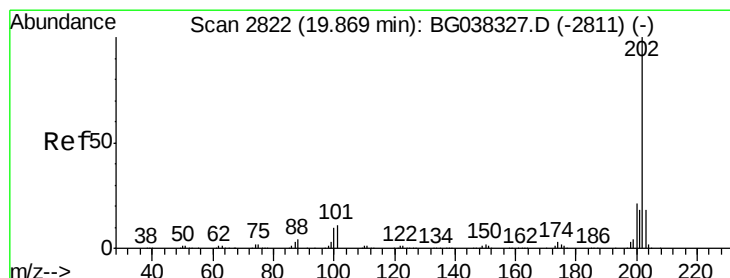
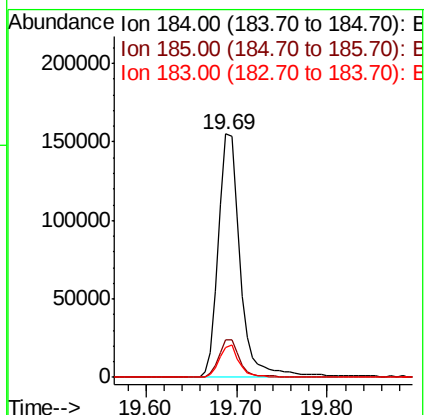
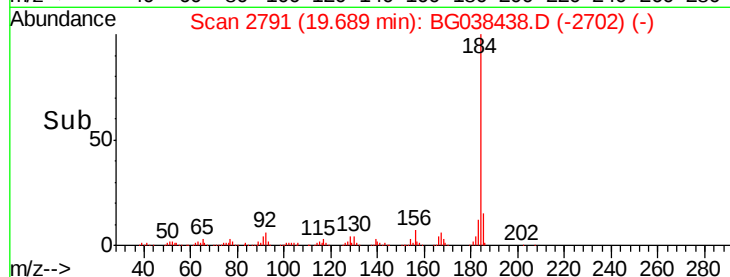
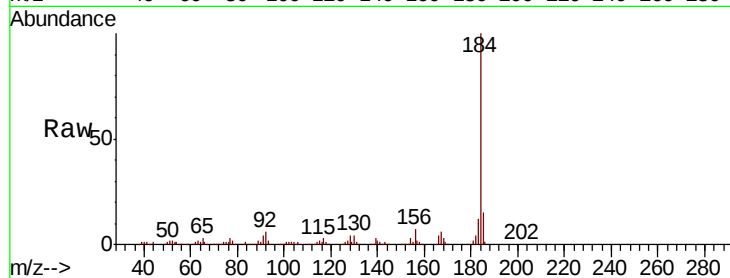
Tot Ion:184 Resp: 259737

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

183 12.1 10.2 15.2



#78

Pyrene

Concen: 32.508 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

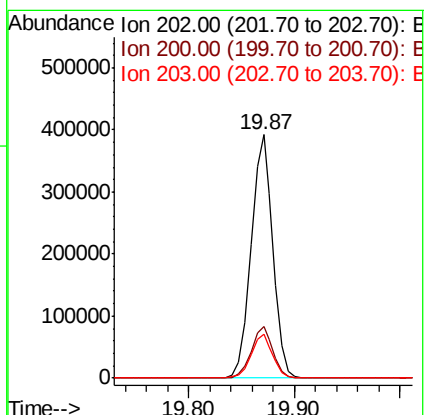
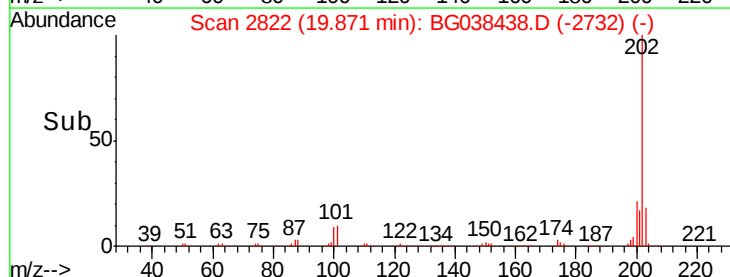
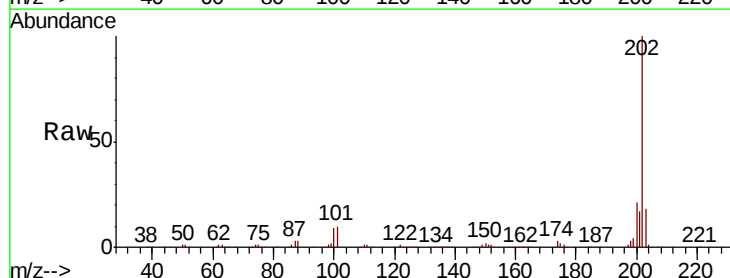
Tgt Ion:202 Resp: 560334

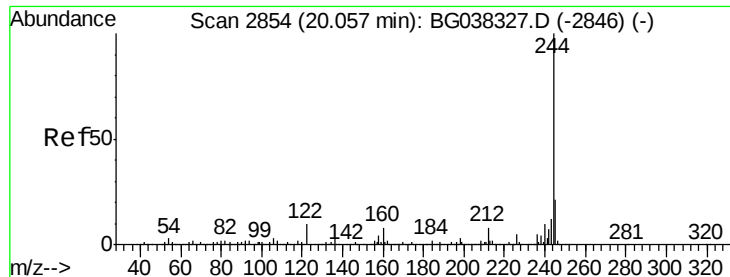
Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

203 18.2 15.2 22.8





#79

Terphenyl-d14

Concen: 65.707 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

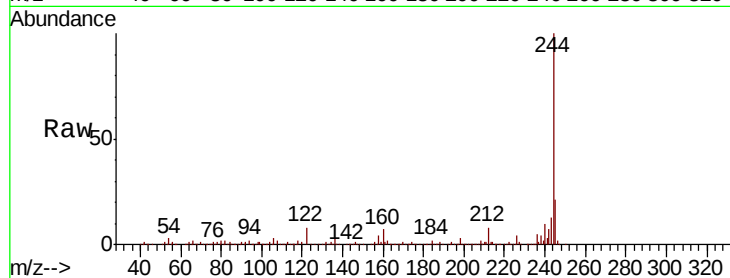
Tot Ion:244 Resp: 755606

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

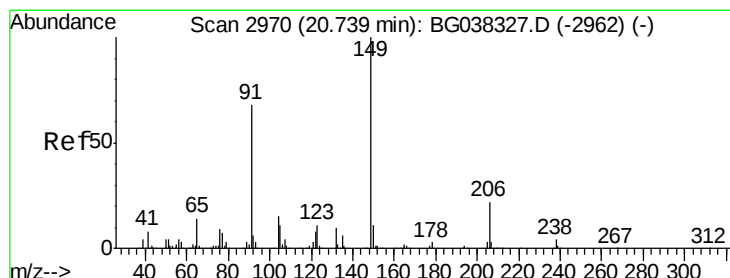
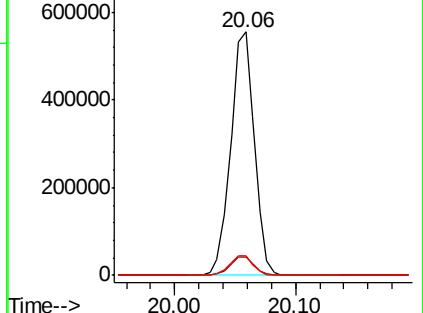
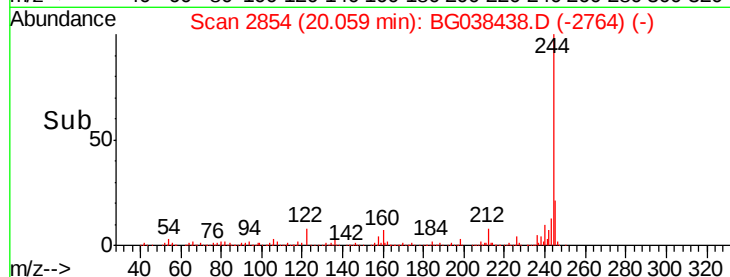
122 8.0 9.0 13.4#



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: 32.288 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

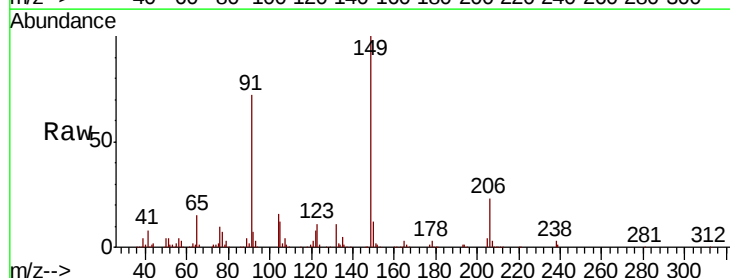
Tgt Ion:149 Resp: 223841

Ion Ratio Lower Upper

149 100

91 71.7 57.0 85.4

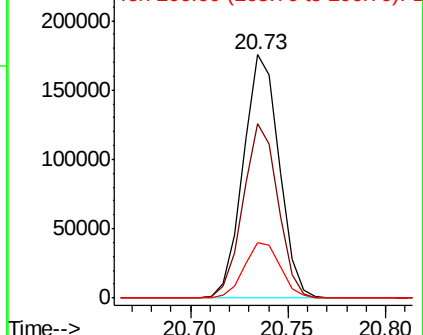
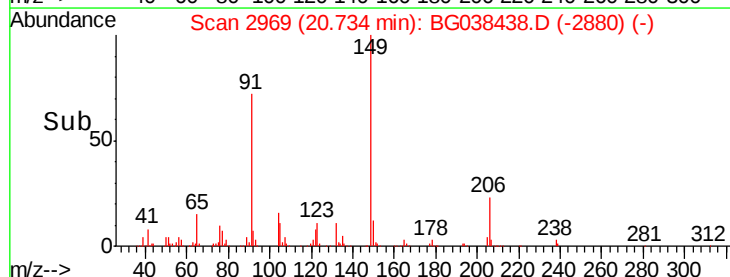
206 22.6 17.8 26.6

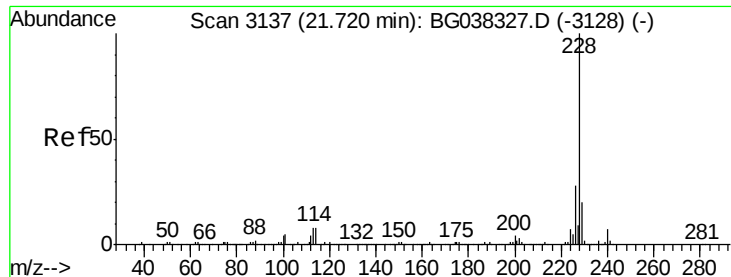


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.729 ng

RT: 21.72 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

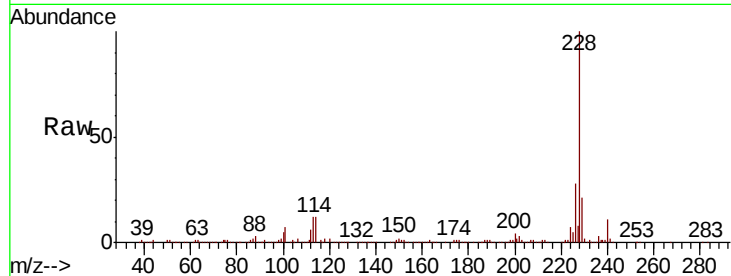
Tot Ion:228 Resp: 571245

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

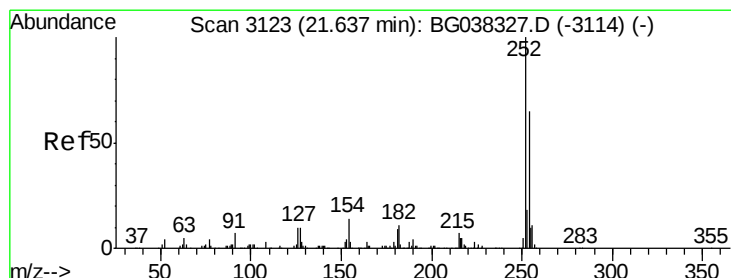
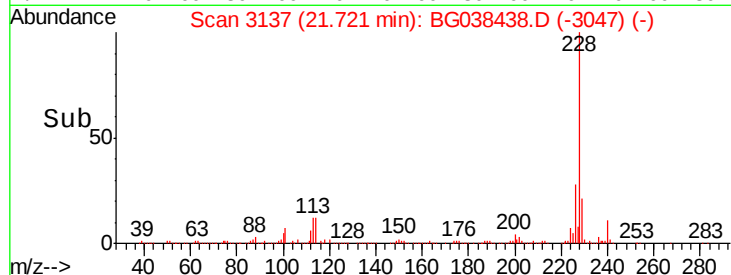
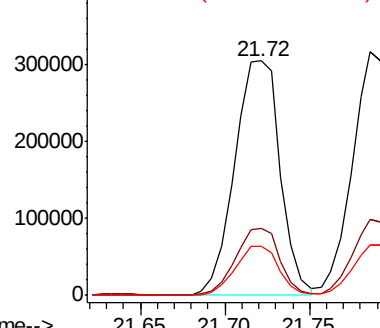
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.334 ng

RT: 21.64 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG038438.D

Acq: 10 Dec 2018 12:52

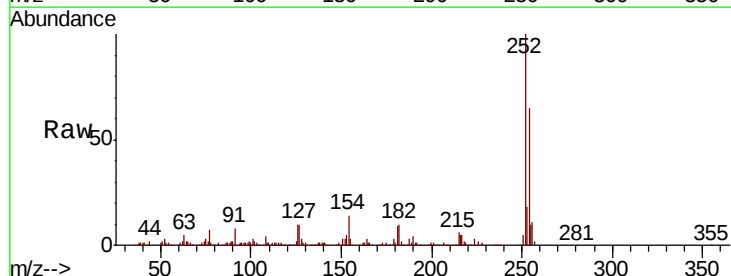
Tgt Ion:252 Resp: 231673

Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

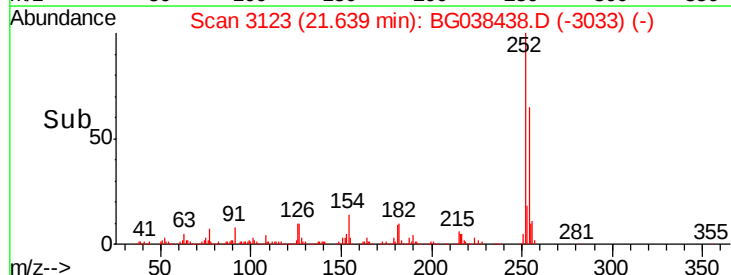
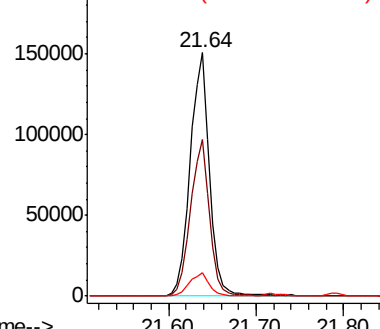
126 9.8 8.2 12.4

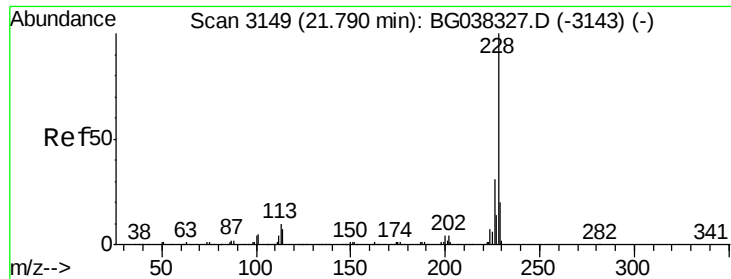


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

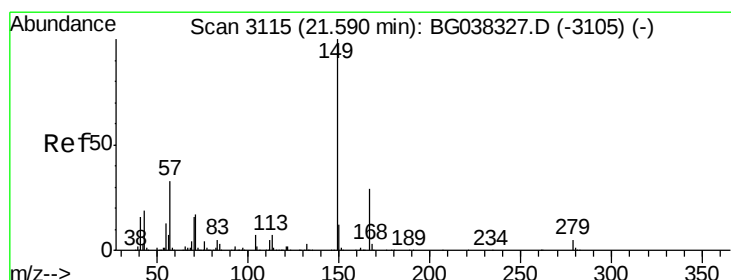
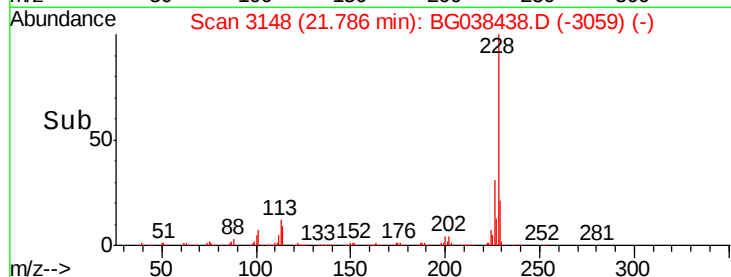
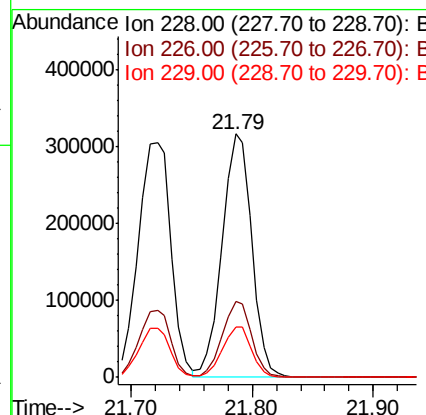
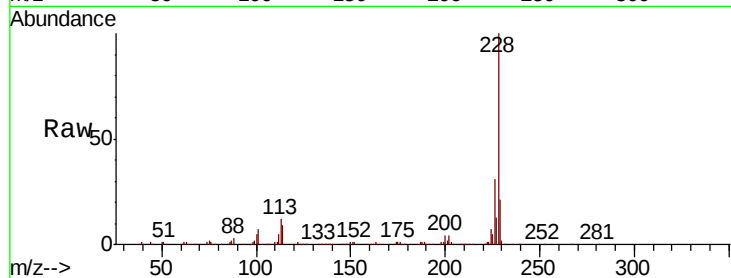




#83
 Chrvsene
 Concen: 37.391 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

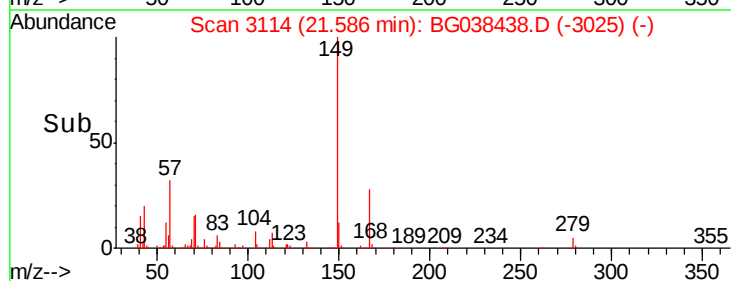
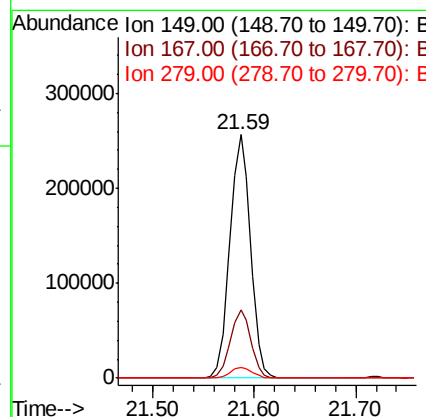
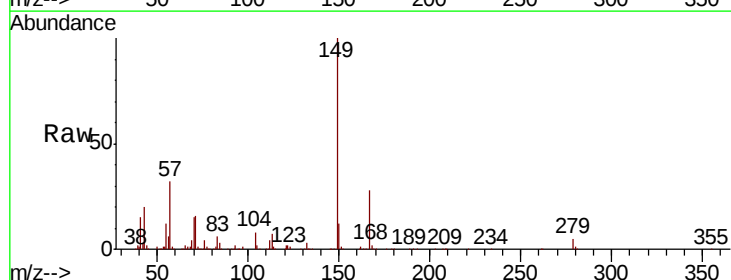
Instrument :
 BNA_G
 ClientSampleId :

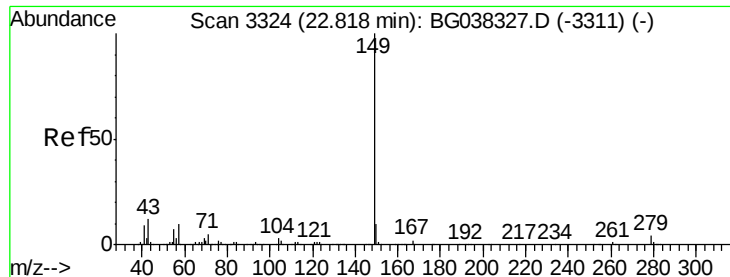
Tot Ion:228 Resp: 535734
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.7 38.5
 229 20.6 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.882 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038438.D
 Acq: 10 Dec 2018 12:52

Tgt Ion:149 Resp: 362412
 Ion Ratio Lower Upper
 149 100
 167 28.0 23.0 34.4
 279 4.6 3.6 5.4

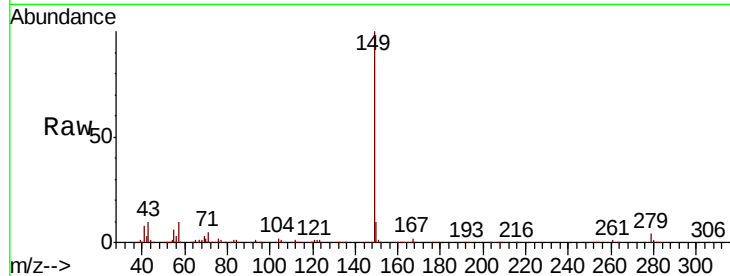




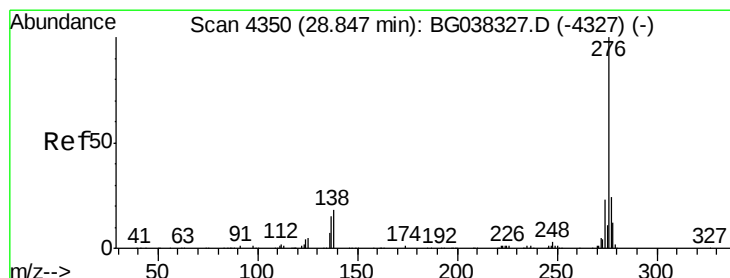
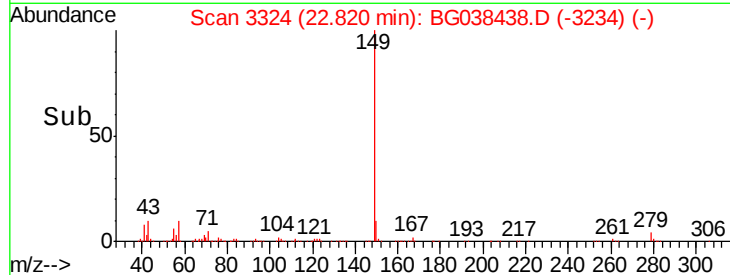
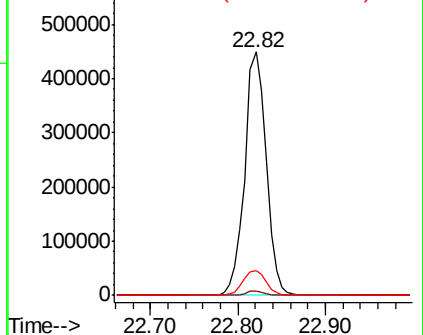
#85
Di-n-octyl phthalate
Concen: 43.860 ng
RT: 22.82 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.1	8.7	13.1

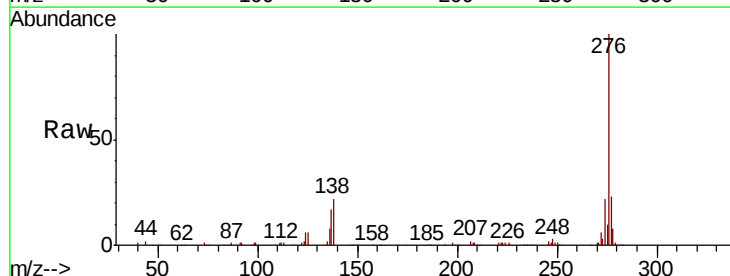


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

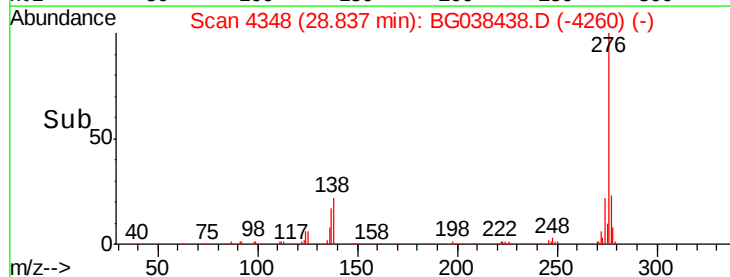
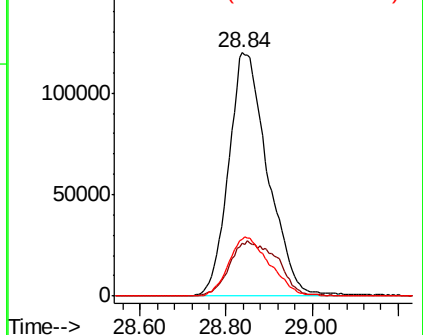


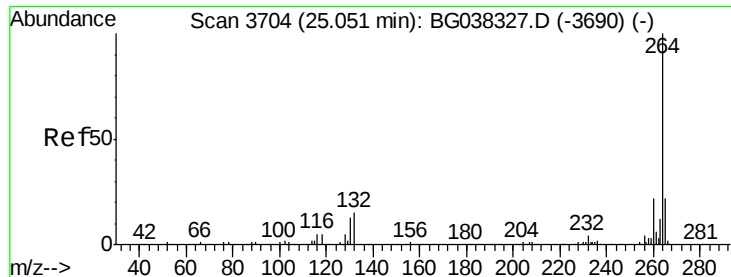
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.723 ng
RT: 28.84 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	12.0	18.0#
277	25.5	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

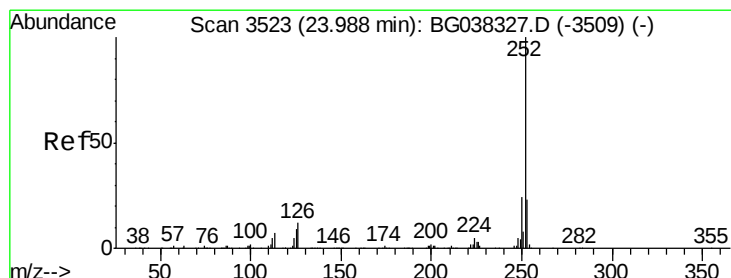
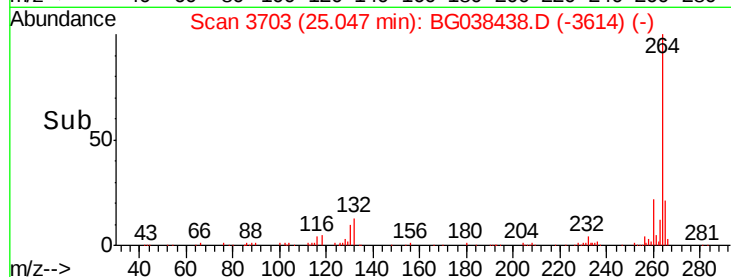
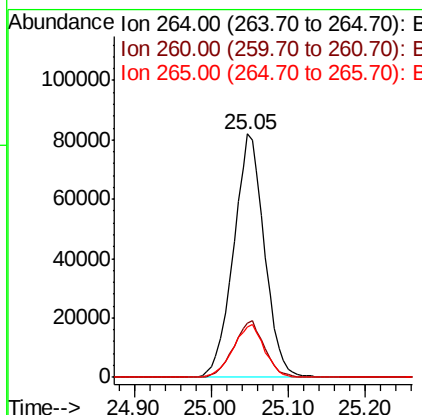
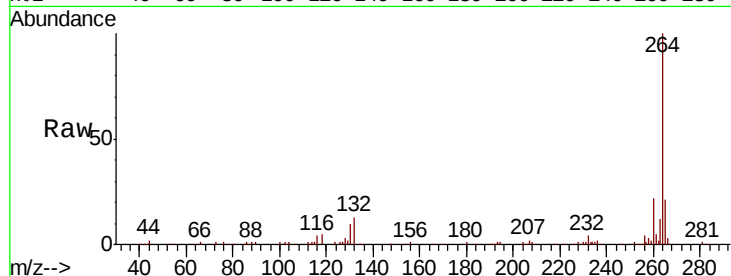




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

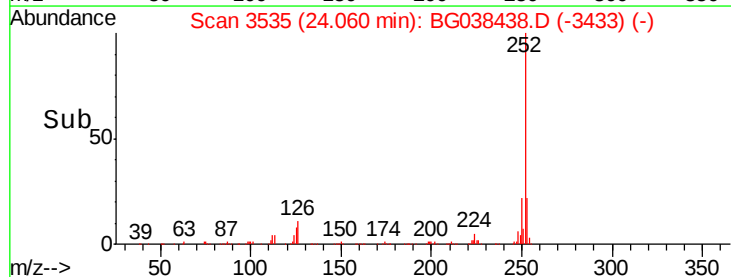
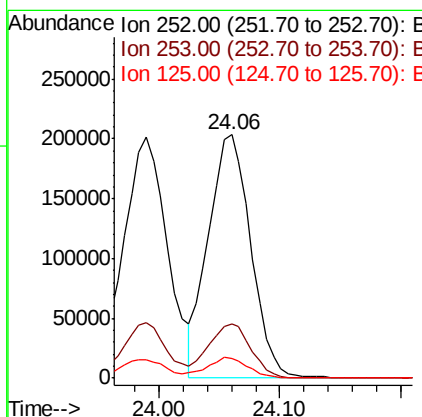
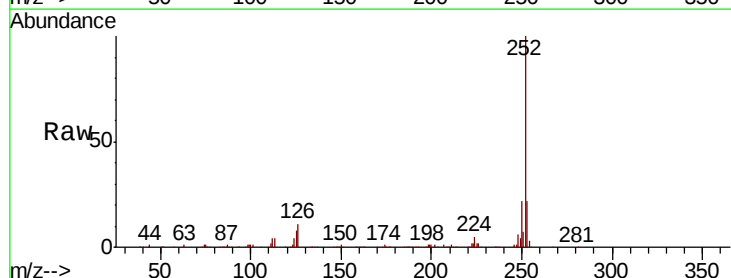
Instrument :
BNA_G
ClientSampled :

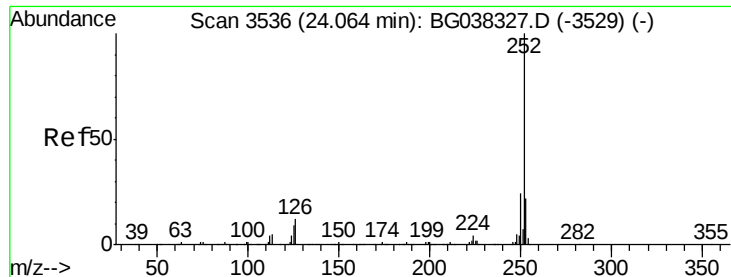
Tot Ion:264 Resp: 229750
Ion Ratio Lower Upper
264 100
260 22.3 18.2 27.4
265 20.8 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 37.878 ng
RT: 24.06 min Scan# 3535
Delta R.T. 0.07 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:252 Resp: 491715
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 7.8 7.8 11.6

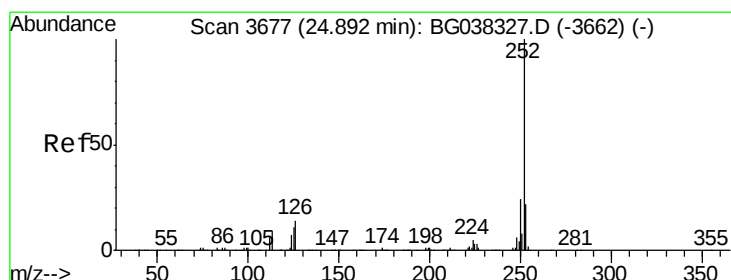
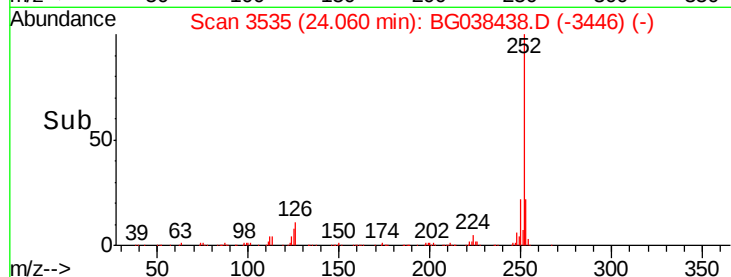
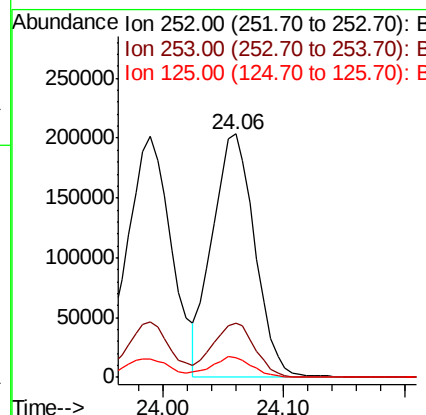
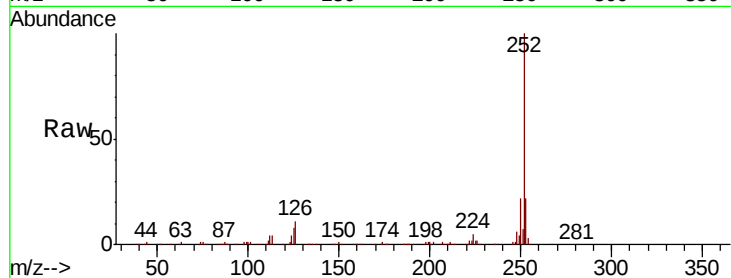




#89
Benzo(k)fluoranthene
Concen: 38.031 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

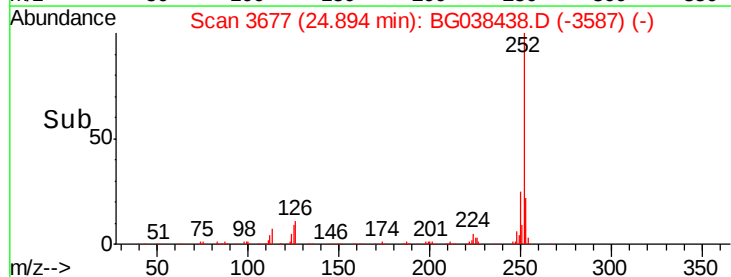
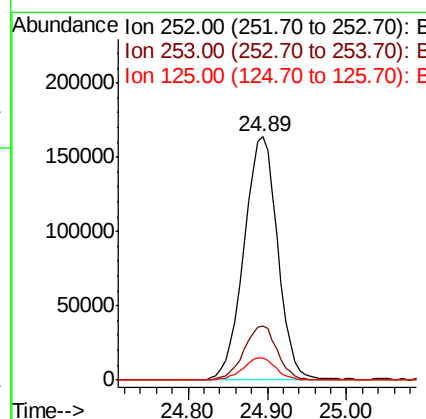
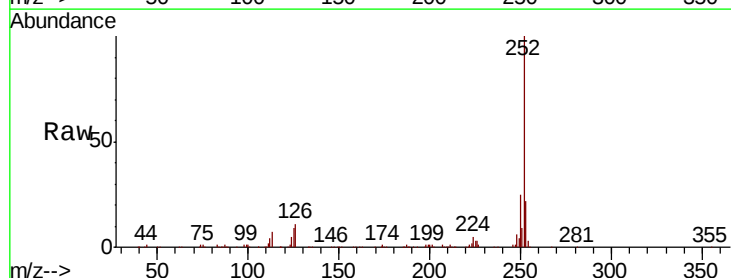
Instrument :
BNA_G
ClientSampled :

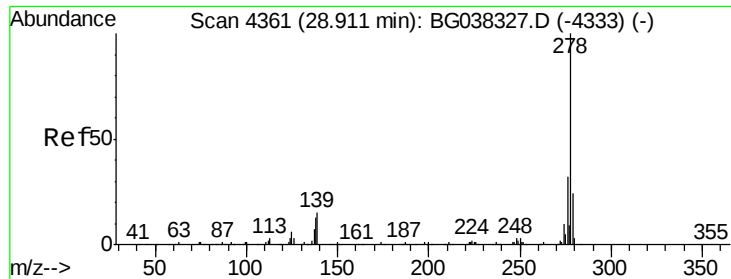
Tot Ion:252 Resp: 491715
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 38.380 ng
RT: 24.89 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion:252 Resp: 483286
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.3 9.0 13.6

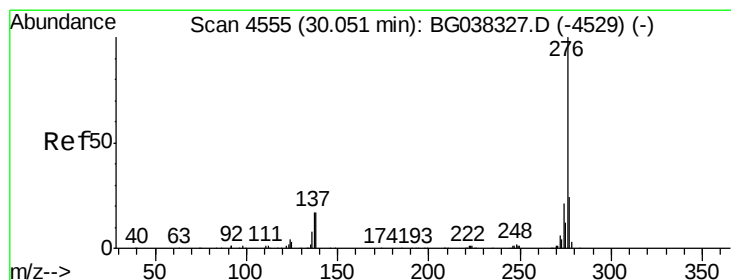
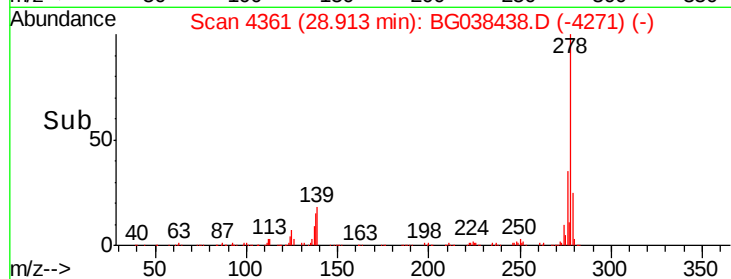
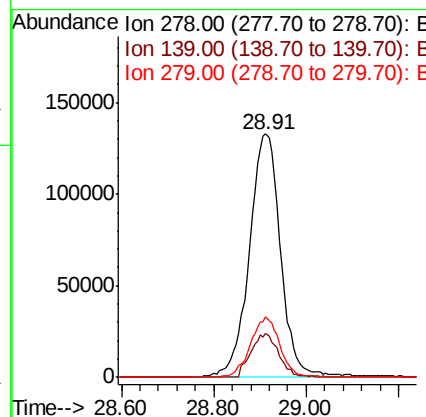
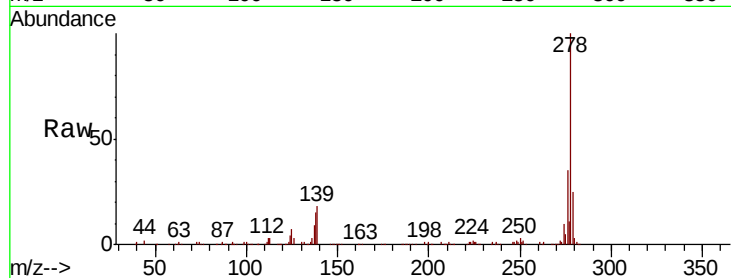




#91
Dibenzo(a,h)anthracene
Concen: 52.320 ng
RT: 28.91 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	11.5	17.3#
279	24.7	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 53.154 ng
RT: 30.05 min Scan# 4554
Delta R.T. -0.00 min
Lab File: BG038438.D
Acq: 10 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	23.1	17.2	25.8

