

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037839.D
 Acq On : 6 Nov 2018 15:28
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 16:43:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57522	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	265920	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	165639	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	370673	20.00	ng	0.00
76) Chrysene-d12	21.76	240	335268	20.00	ng	-0.01
87) Perylene-d12	25.09	264	337264	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	266316	77.40	ng	-0.01
7) Phenol-d6	7.24	99	401132	77.10	ng	-0.01
23) Nitrobenzene-d5	9.28	82	379598	79.97	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	145198	80.37	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	888121	80.85	ng	-0.01
79) Terphenyl-d14	20.08	244	1254463	79.95	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	65107	37.314	ng	96
3) Pyridine	3.93	79	164155	37.327	ng	94
4) n-Nitrosodimethylamine	3.85	42	57984	37.017	ng	84
6) Aniline	7.42	93	248524	39.157	ng	97
8) 2-Chlorophenol	7.65	128	160114	39.780	ng	98
9) Benzaldehyde	7.24	77	110628	33.993	ng	89
10) Phenol	7.27	94	208257	37.938	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	161244	38.676	ng	96
12) 1,3-Dichlorobenzene	7.98	146	180026	40.176	ng	100
13) 1,4-Dichlorobenzene	8.13	146	181901	39.686	ng	97
14) 1,2-Dichlorobenzene	8.45	146	175157	39.726	ng	99
15) Benzyl Alcohol	8.34	79	146402	38.084	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.61	45	284247	38.104	ng	96
17) 2-Methylphenol	8.52	107	142298	39.210	ng	99
18) Hexachloroethane	9.18	117	64213	41.093	ng	89
19) n-Nitroso-di-n-propylamine	8.90	70	135851	37.920	ng	91
20) 3+4-Methylphenols	8.86	107	198668	38.289	ng	99
22) Acetophenone	8.92	105	252926	37.925	ng	98
24) Nitrobenzene	9.32	77	196430	39.833	ng	94
25) Isophorone	9.83	82	330048	38.053	ng	98
26) 2-Nitrophenol	10.03	139	101346	45.619	ng	95
27) 2,4-Dimethylphenol	10.07	122	149610	37.718	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	215647	37.948	ng	96
29) 2,4-Dichlorophenol	10.56	162	175565	39.753	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	192834	40.151	ng	100
31) Naphthalene	10.97	128	509007	38.971	ng	99
32) Benzoic acid	10.18	122	88747	34.447	ng	96
33) 4-Chloroaniline	11.08	127	238584	38.877	ng	98
34) Hexachlorobutadiene	11.23	225	119380	41.940	ng	100
35) Caprolactam	11.87	113	66023	37.275	ng	93
36) 4-Chloro-3-methylphenol	12.18	107	188882	37.923	ng	98
37) 2-Methylnaphthalene	12.57	142	374345	39.317	ng	99
38) 1-Methylnaphthalene	12.78	142	356211	38.524	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	228373	42.744	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	110695	43.374	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	150388	42.132	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	157814	40.608	ng	99
46) 1,1'-Biphenyl	13.57	154	553217	40.329	ng	100
47) 2-Chloronaphthalene	13.61	162	422135	40.676	ng	99
48) 2-Nitroaniline	13.82	65	130793	41.559	ng	96
49) Acenaphthylene	14.46	152	631826	40.472	ng	99
50) Dimethylphthalate	14.18	163	505984	39.486	ng	100
51) 2,6-Dinitrotoluene	14.31	165	117997	41.625	ng	92
52) Acenaphthene	14.79	154	381929	39.724	ng	99
53) 3-Nitroaniline	14.64	138	126090	40.067	ng	# 96
54) 2,4-Dinitrophenol	14.85	184	33726	40.684	ng	96
55) Dibenzofuran	15.13	168	626698	39.341	ng	99
56) 4-Nitrophenol	14.93	139	76991	33.052	ng	98
57) 2,4-Dinitrotoluene	15.09	165	159341	42.821	ng	96
58) Fluorene	15.77	166	463436	38.849	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	128823	38.716	ng	99
60) Diethylphthalate	15.53	149	513187	39.009	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	277267	39.877	ng	98
62) 4-Nitroaniline	15.80	138	120580	38.561	ng	91
63) Azobenzene	16.06	77	481538	38.363	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	69732	38.003	ng	95
66) n-Nitrosodiphenylamine	15.98	169	454503	40.763	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	166577	40.922	ng	98
68) Hexachlorobenzene	16.77	284	170673	40.455	ng	98
69) Atrazine	16.92	200	154553	38.338	ng	98
70) Pentachlorophenol	17.11	266	103464	36.613	ng	93
71) Phenanthrene	17.52	178	750169	39.820	ng	100
72) Anthracene	17.61	178	745913	40.347	ng	99
73) Carbazole	17.88	167	741999	40.123	ng	99
74) Di-n-butylphthalate	18.42	149	844828	41.067	ng	99
75) Fluoranthene	19.52	202	848873	39.729	ng	99
77) Benzidine	19.71	184	353893	31.043	ng	99
78) Pyrene	19.89	202	871502	39.764	ng	99
80) Butylbenzylphthalate	20.76	149	376558	41.981	ng	97
81) Benzo(a)anthracene	21.74	228	792049	39.940	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	298858	38.881	ng	99
83) Chrysene	21.81	228	762681	39.996	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	530436	42.189	ng	99
85) Di-n-octyl phthalate	22.85	149	873631	42.611	ng	97
86) Indeno(1,2,3-cd)pyrene	28.91	276	651802	31.869	ng	100
88) Benzo(b)fluoranthene	24.02	252	724462	39.181	ng	99
89) Benzo(k)fluoranthene	24.09	252	760366	41.974	ng	97
90) Benzo(a)pyrene	24.93	252	707886	40.290	ng	100
91) Dibenzo(a,h)anthracene	28.98	278	510447	31.496	ng	98
92) Benzo(g,h,i)perylene	30.11	276	554118	33.795	ng	99

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

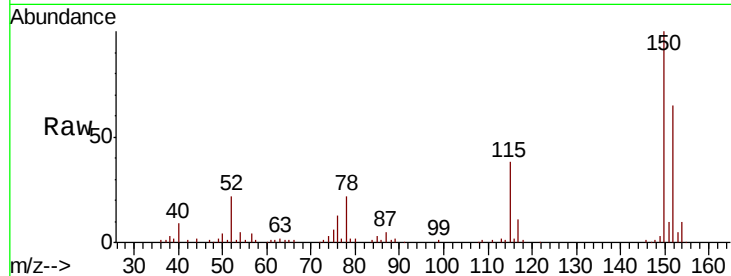


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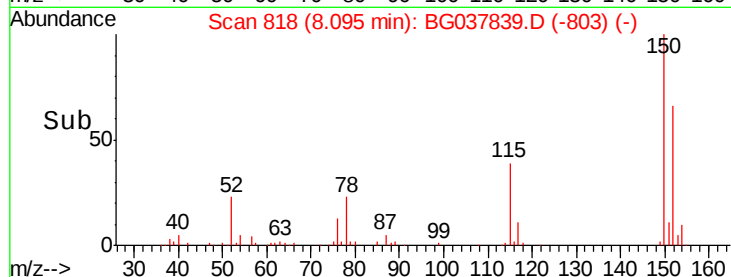
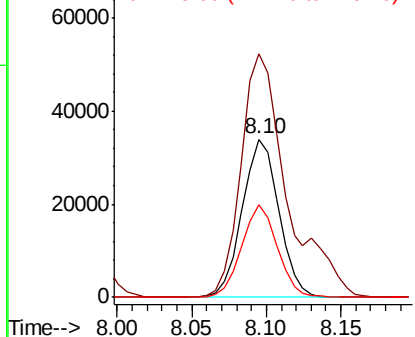
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57522
Ion Ratio Lower Upper
152 100
150 153.8 126.0 189.0
115 58.4 45.5 68.3



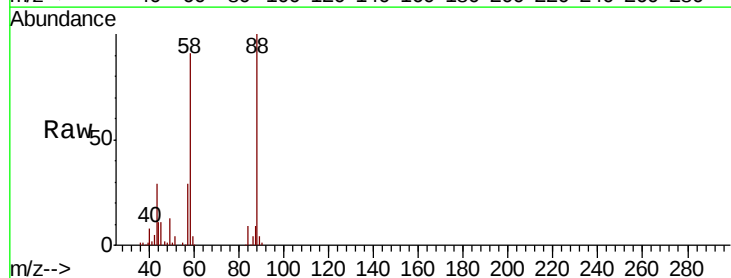
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



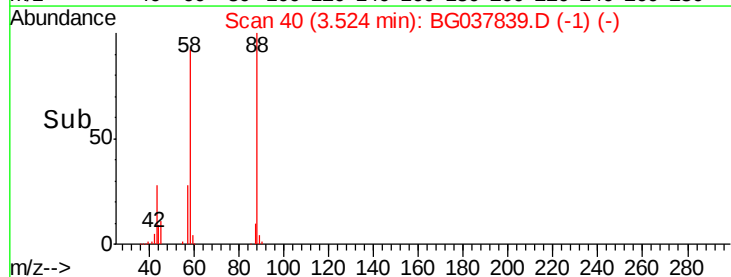
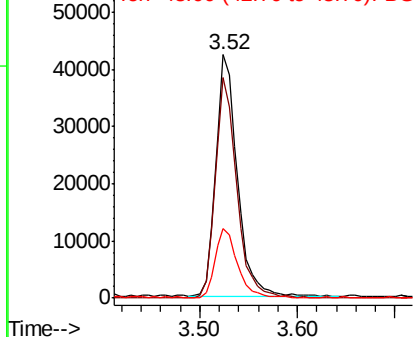
#2

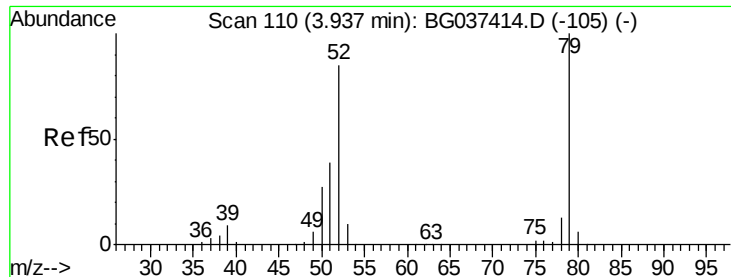
1,4-Dioxane
Concen: 37.314 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion: 88 Resp: 65107
Ion Ratio Lower Upper
88 100
58 89.7 74.4 111.6
43 29.9 25.8 38.8



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





#3

Pvridine

Concen: 37.327 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampled :

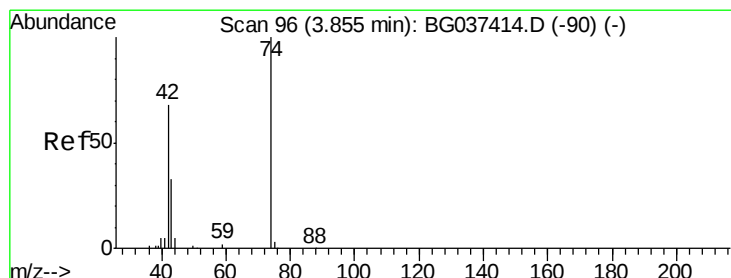
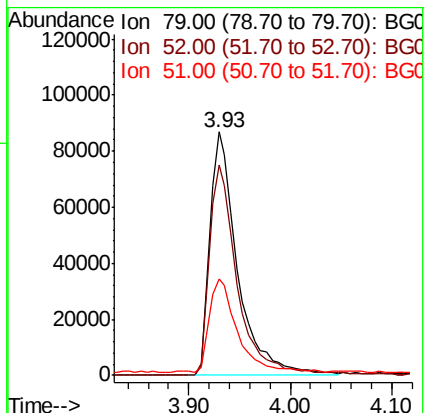
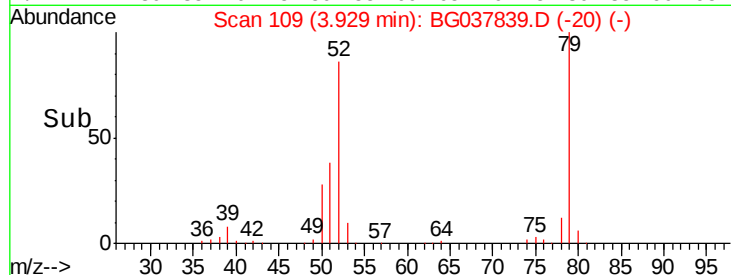
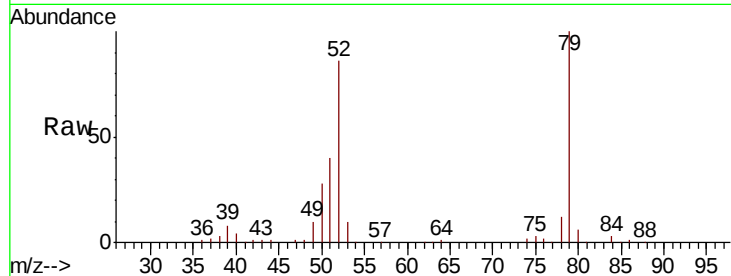
Tot Ion: 79 Resp: 164155

Ion Ratio Lower Upper

79 100

52 86.3 74.2 111.2

51 39.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 37.017 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

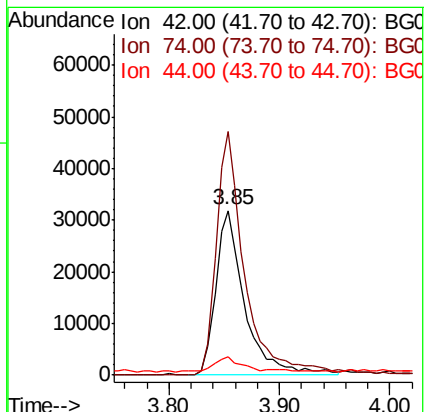
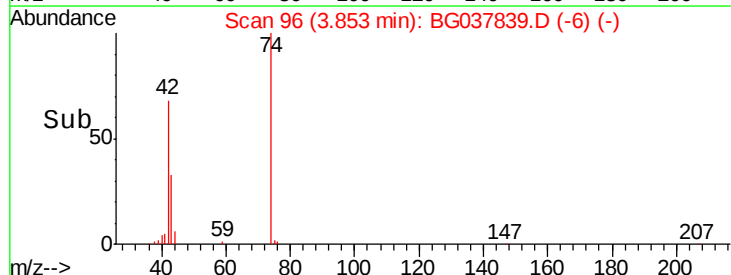
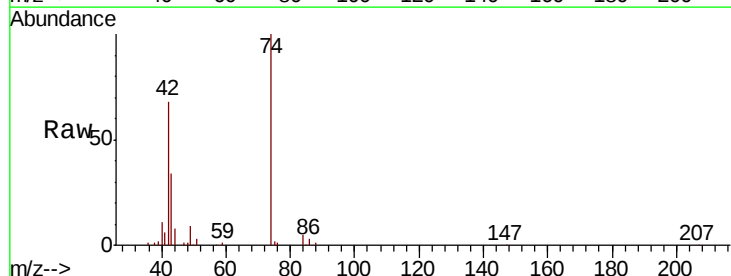
Tgt Ion: 42 Resp: 57984

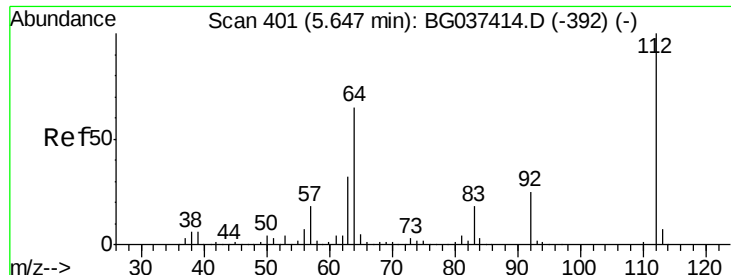
Ion Ratio Lower Upper

42 100

74 147.9 102.0 153.0

44 11.1 9.6 14.4





#5

2-Fluorophenol

Concen: 77.404 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

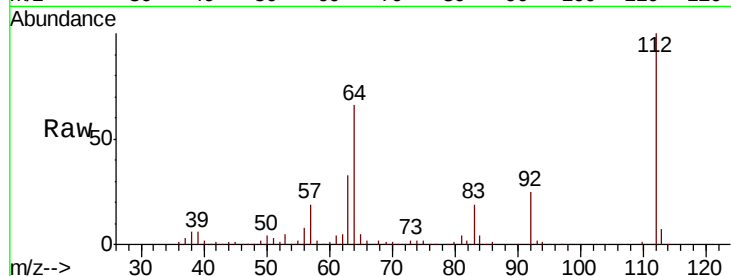
Tot Ion:112 Resp: 266316

Ion Ratio Lower Upper

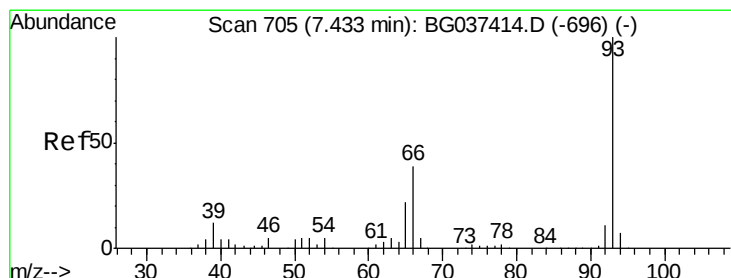
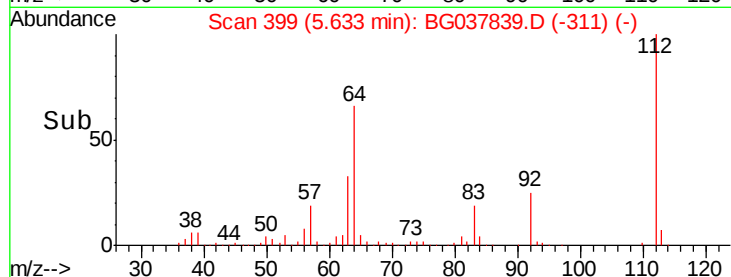
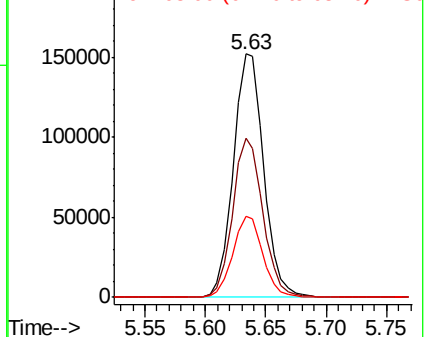
112 100

64 65.6 53.1 79.7

63 33.1 27.3 40.9



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



#6

Aniline

Concen: 39.157 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

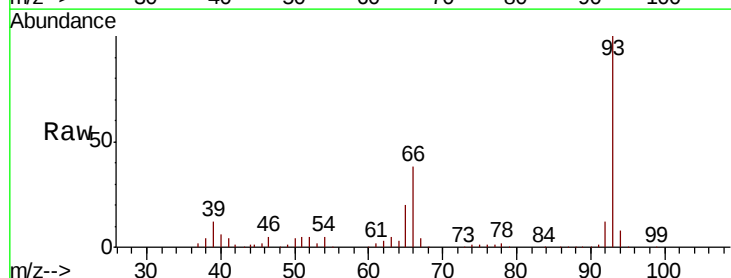
Tgt Ion: 93 Resp: 248524

Ion Ratio Lower Upper

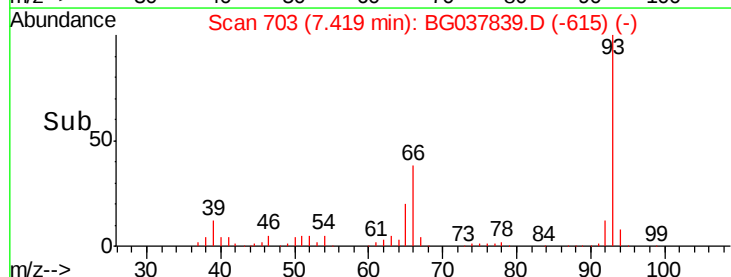
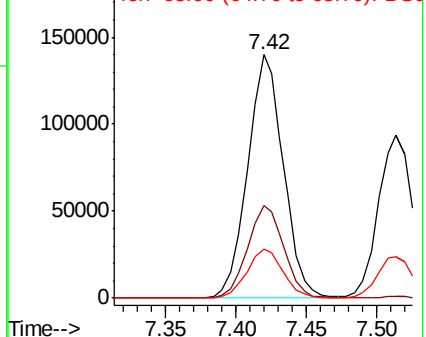
93 100

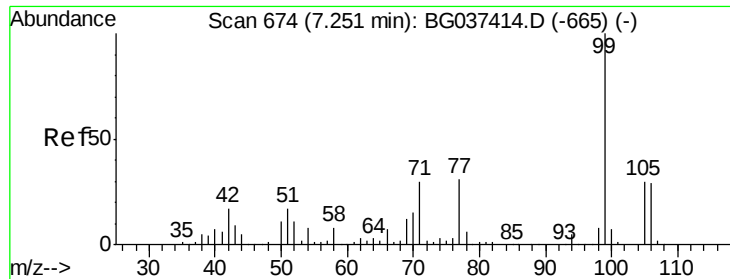
66 38.0 32.8 49.2

65 20.4 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: 77.102 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampled :

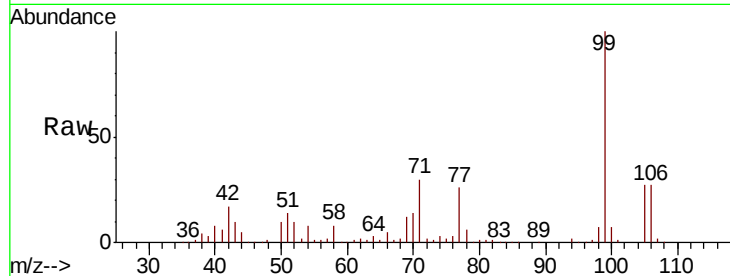
Tot Ion: 99 Resp: 401132

Ion Ratio Lower Upper

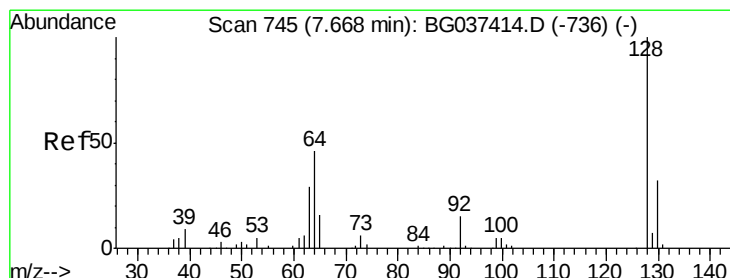
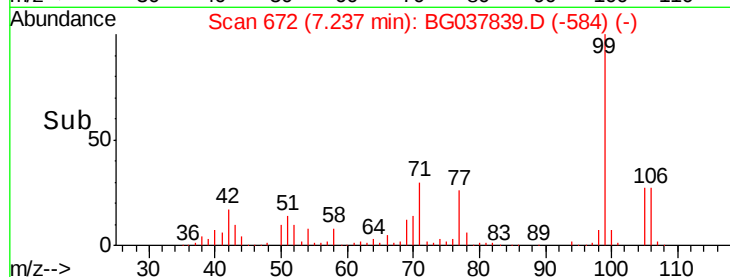
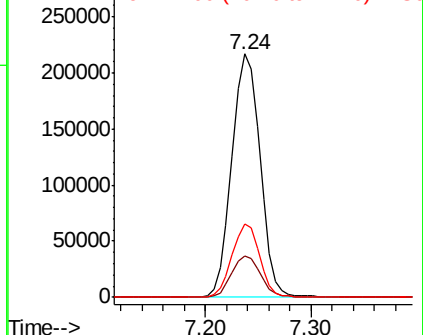
99 100

42 17.1 15.0 22.4

71 29.9 25.5 38.3



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



#8

2-Chlorophenol

Concen: 39.780 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

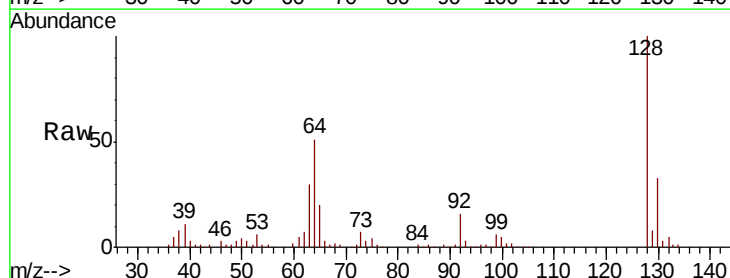
Tgt Ion: 128 Resp: 160114

Ion Ratio Lower Upper

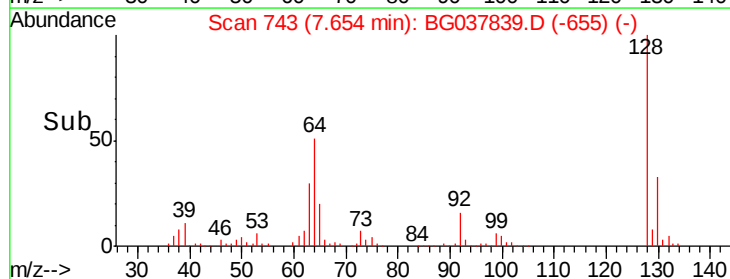
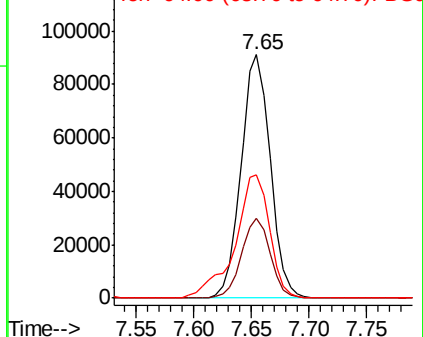
128 100

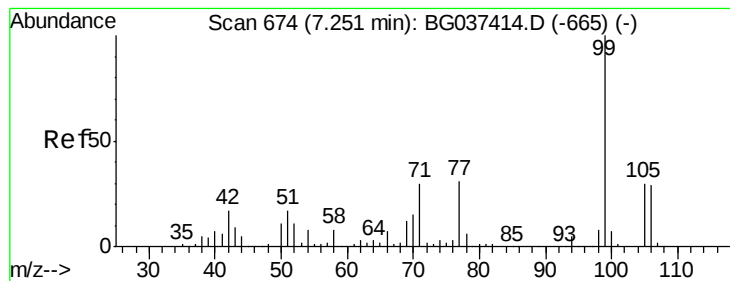
130 32.6 12.0 52.0

64 50.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 33.993 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampled :

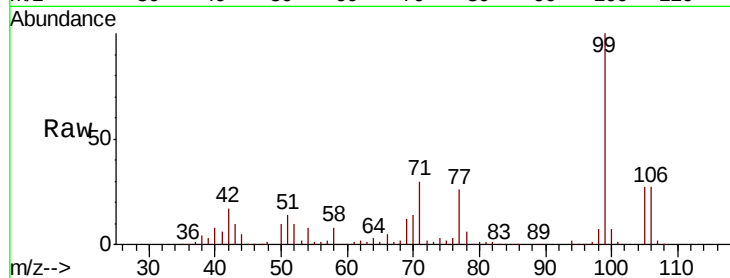
Tot Ion: 77 Resp: 110628

Ion Ratio Lower Upper

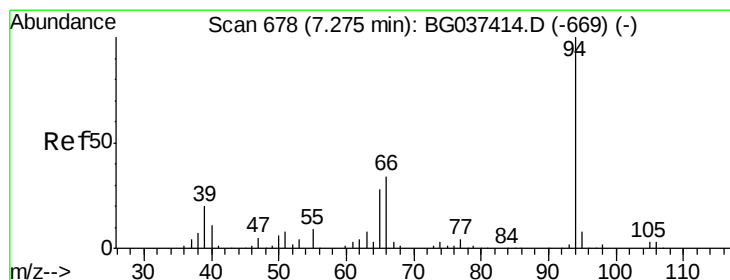
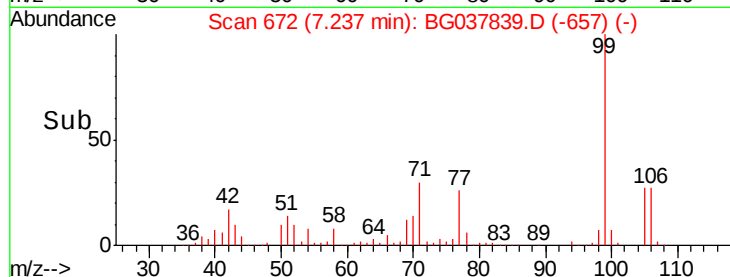
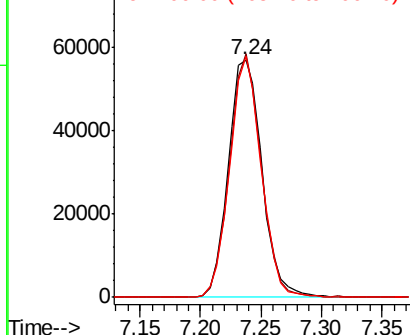
77 100

105 102.7 72.6 112.6

106 101.7 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: 37.938 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

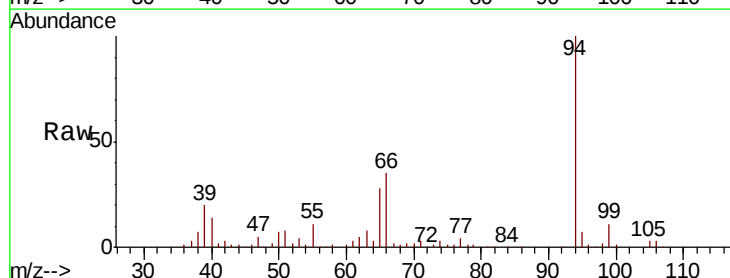
Tgt Ion: 94 Resp: 208257

Ion Ratio Lower Upper

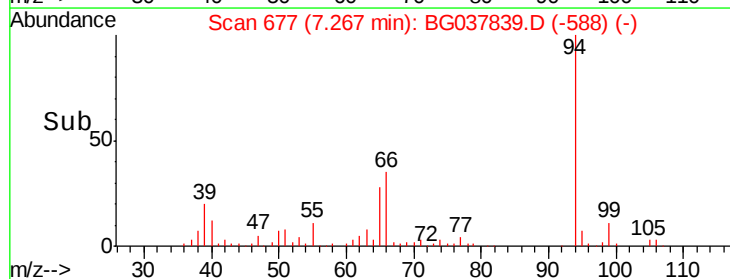
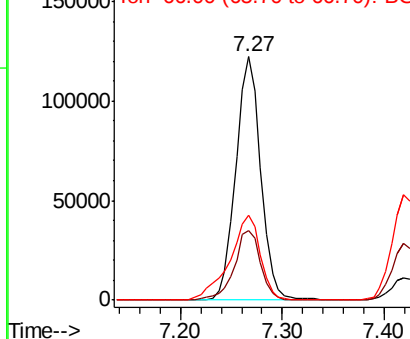
94 100

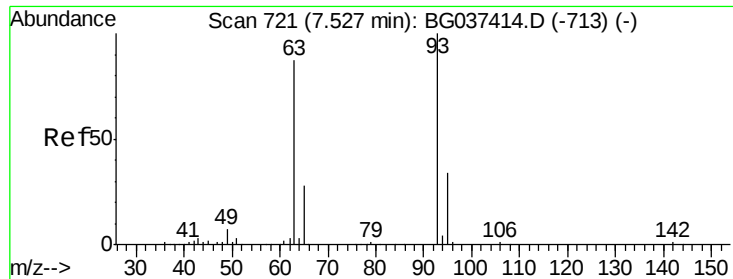
65 28.4 9.7 49.7

66 35.1 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

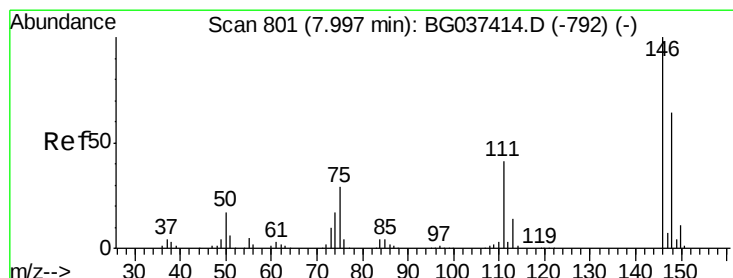
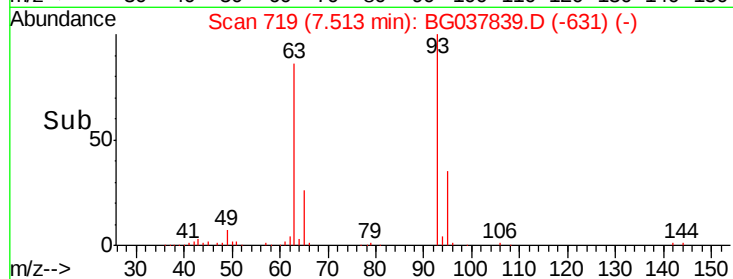
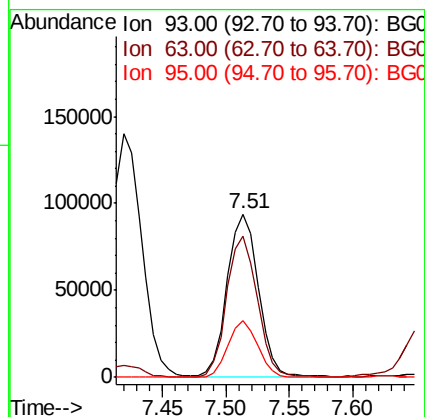
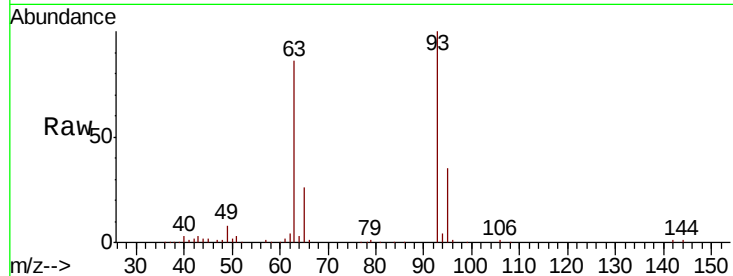




#11
 bis(2-Chloroethyl)ether
 Concen: 38.676 ng
 RT: 7.51 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

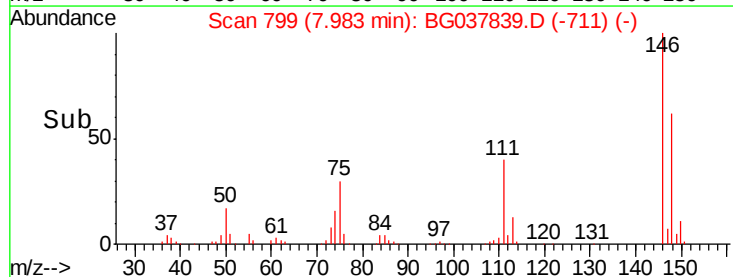
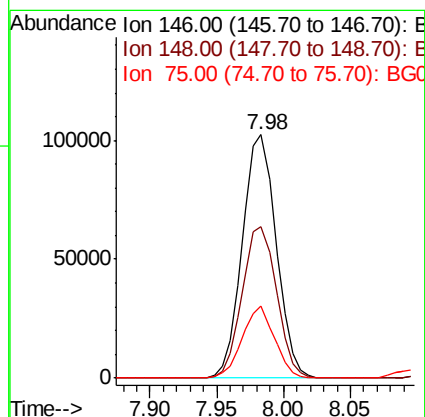
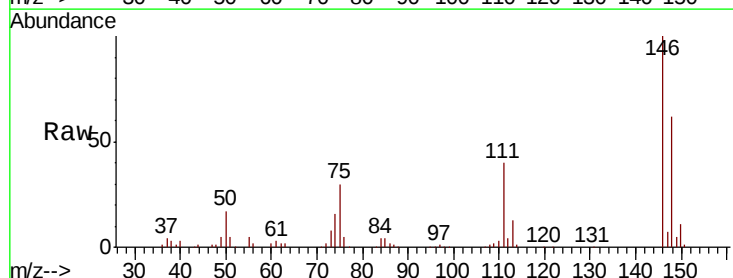
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 161244
 Ion Ratio Lower Upper
 93 100
 63 86.2 69.5 109.5
 95 34.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.176 ng
 RT: 7.98 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion: 146 Resp: 180026
 Ion Ratio Lower Upper
 146 100
 148 62.3 49.8 74.8
 75 29.7 23.2 34.8

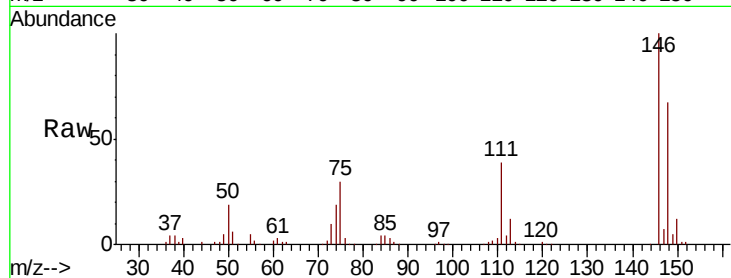




#13
 1,4-Dichlorobenzene
 Concen: 39.686 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.0	76.6
111	39.2	32.4	48.6

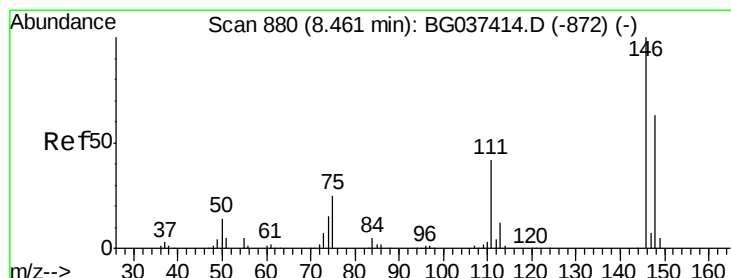
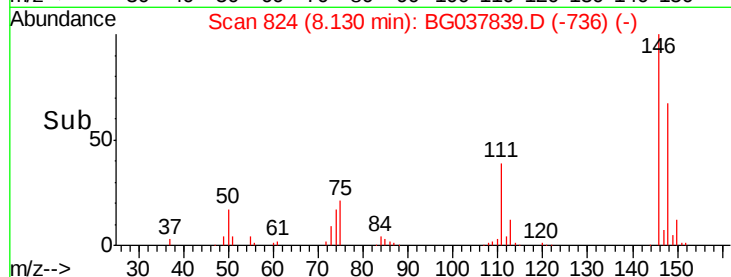
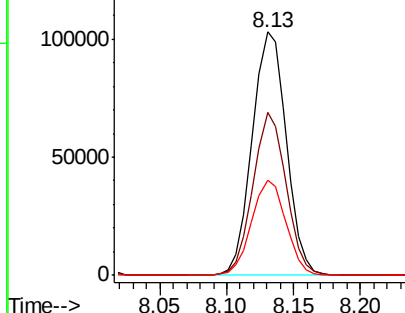


Abundance

Ion 146.00 (145.70 to 146.70): E

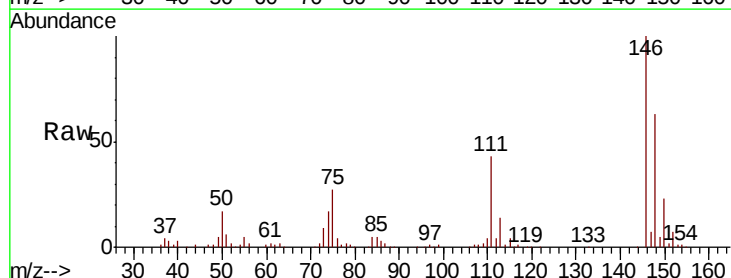
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.726 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	42.7	34.6	51.8

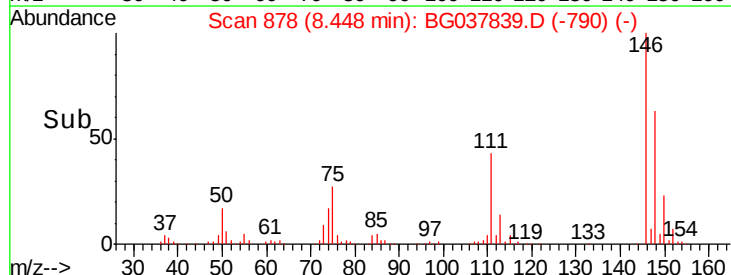
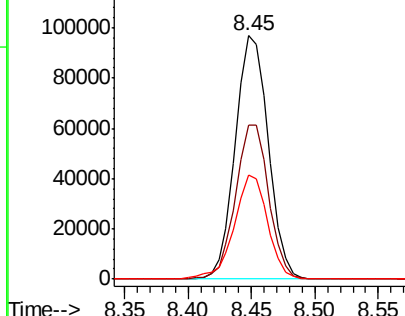


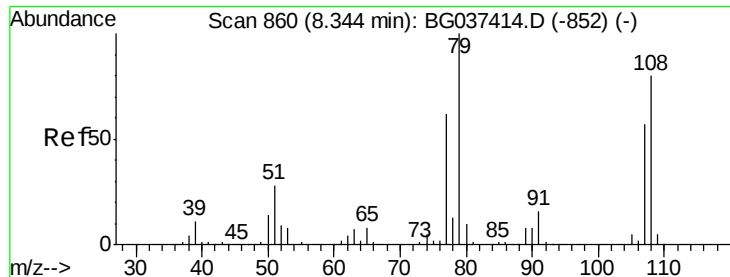
Abundance

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: 38.084 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampled :

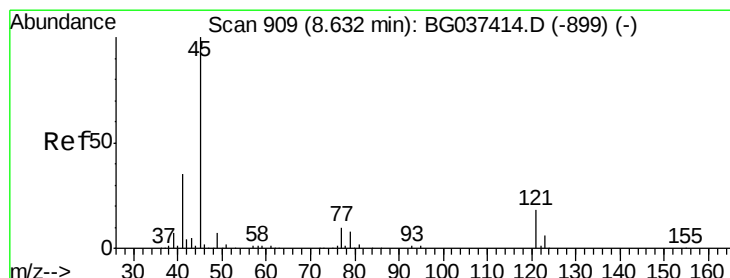
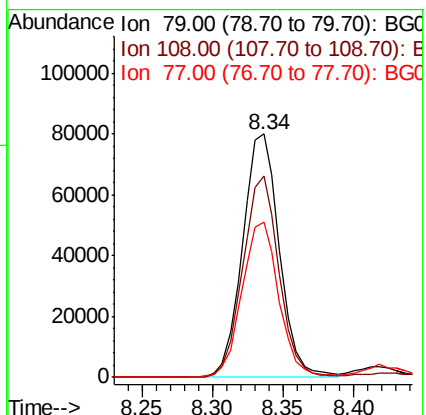
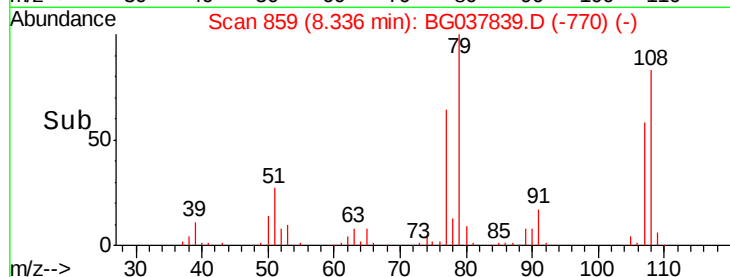
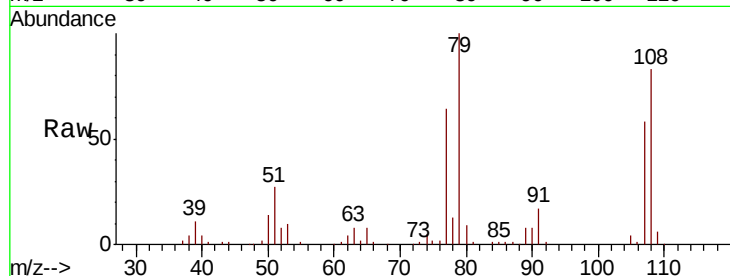
Tot Ion: 79 Resp: 146402

Ion Ratio Lower Upper

79 100

108 82.6 65.8 98.8

77 63.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.104 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

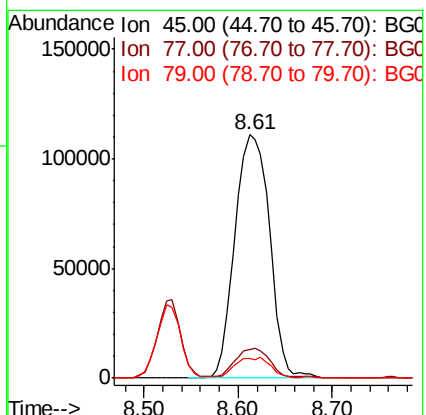
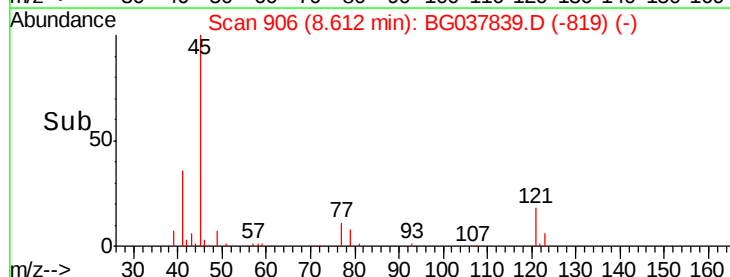
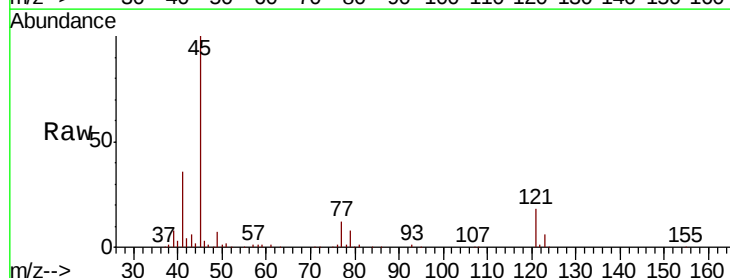
Tgt Ion: 45 Resp: 284247

Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.0

79 8.3 0.0 29.0

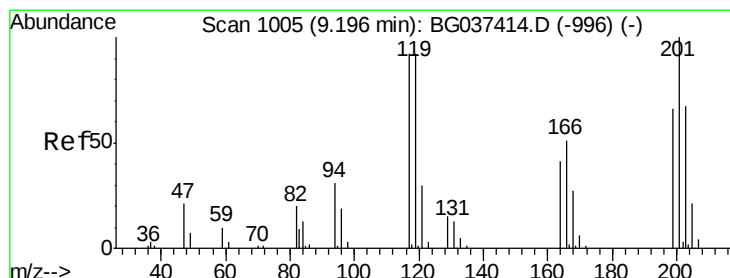
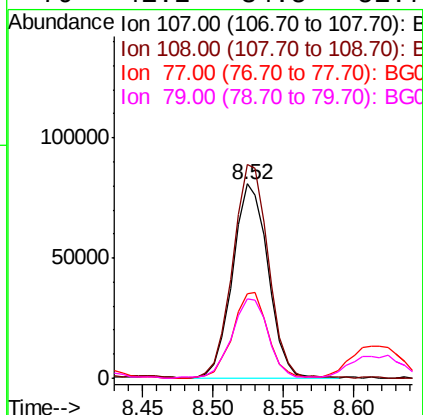
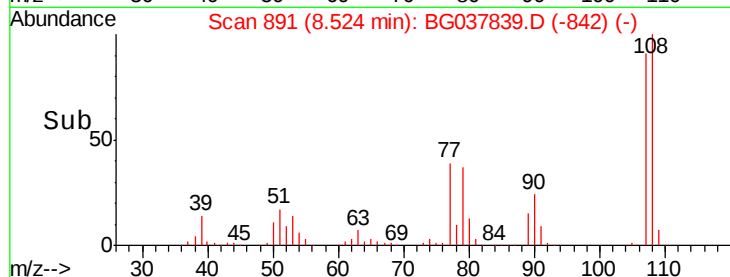
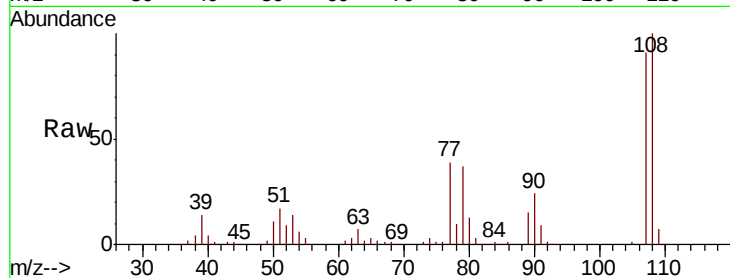




#17
2-Methylphenol
Concen: 39.210 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

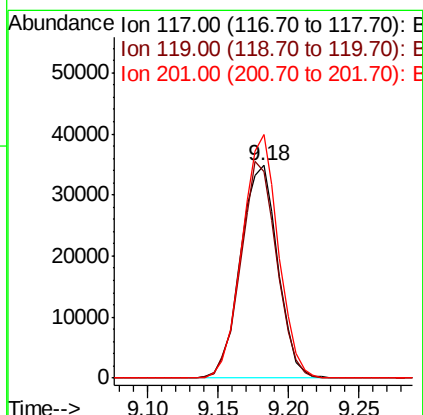
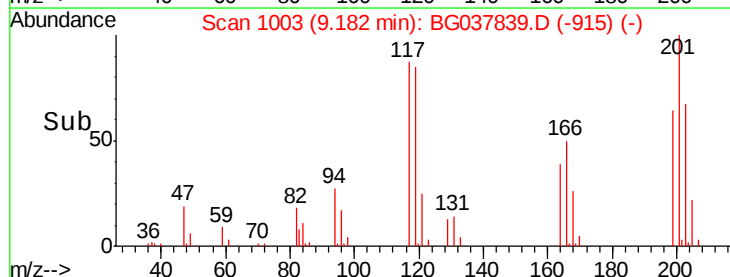
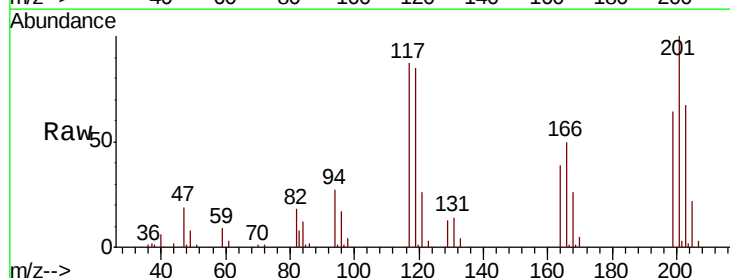
Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	142298
Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.9	131.9
77	43.4	35.1	52.7
79	41.2	34.5	51.7



#18
Hexachloroethane
Concen: 41.093 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:	117	Resp:	64213
Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.6	111.8
201	118.4	80.8	121.2

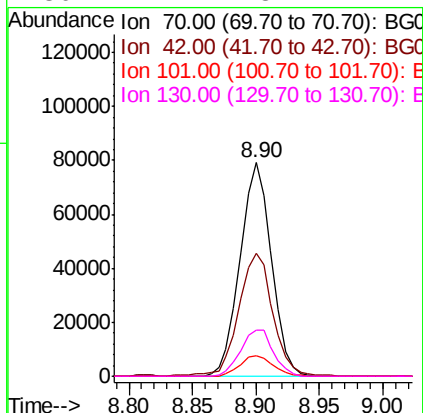
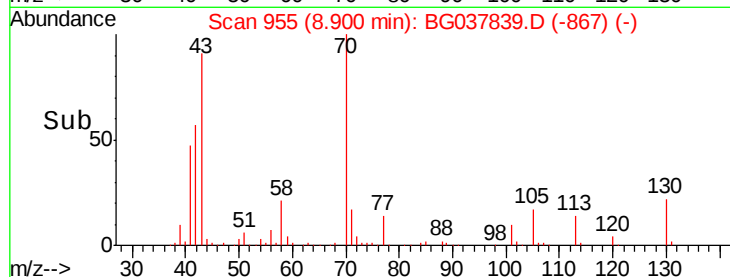
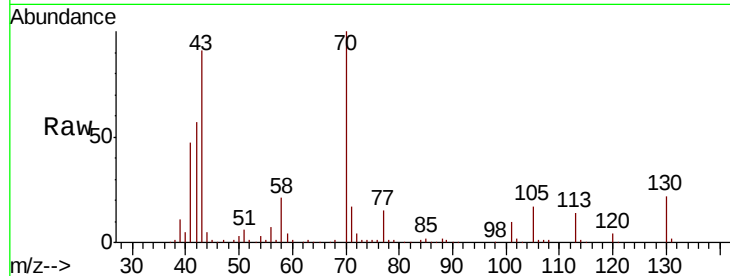




#19
n-Nitroso-di-n-propylamine
Concen: 37.920 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

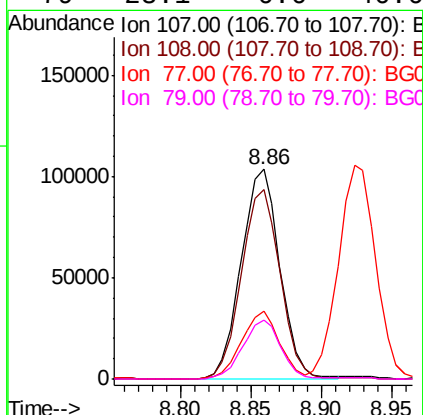
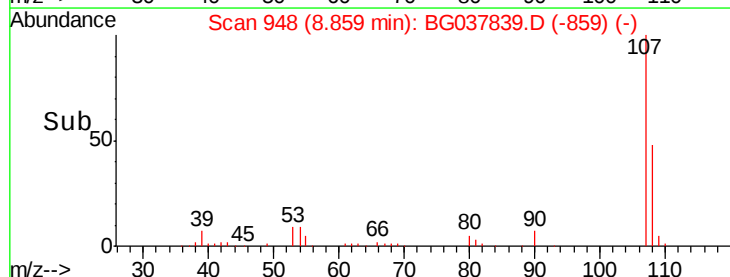
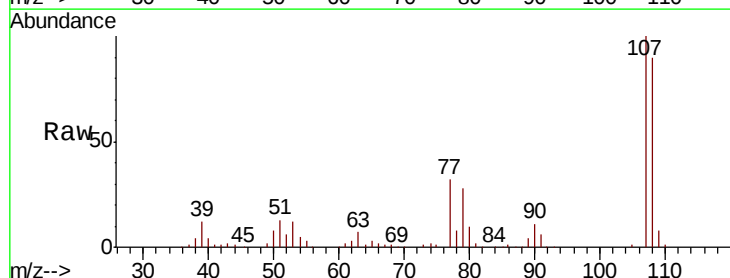
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	135851
Ion	Ratio	Lower	Upper
70	100		
42	57.3	53.9	80.9
101	9.8	8.2	12.2
130	21.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.289 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:	107	Resp:	198668
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	32.3	11.2	51.2
79	28.1	6.6	46.6

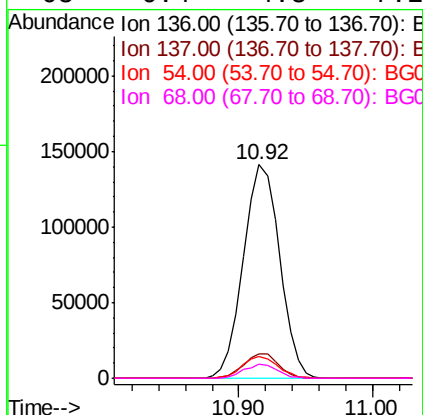
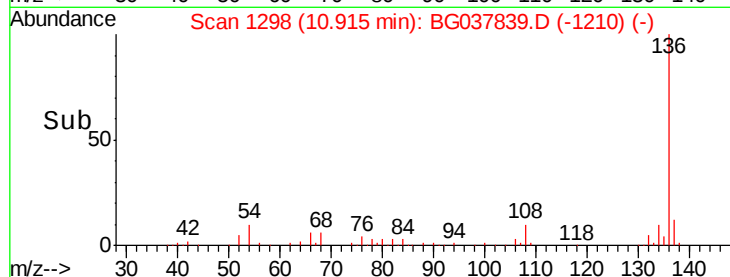
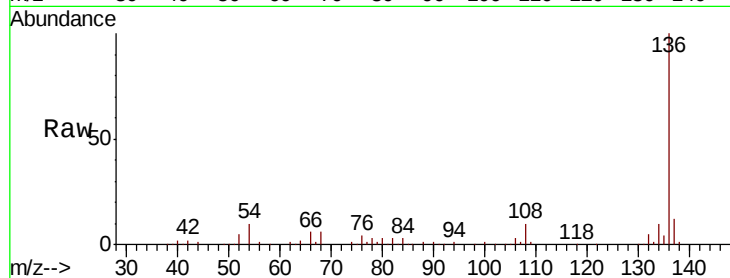




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

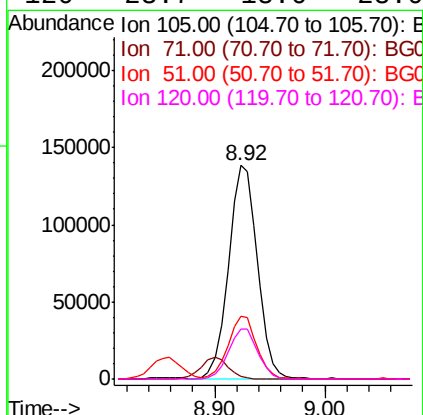
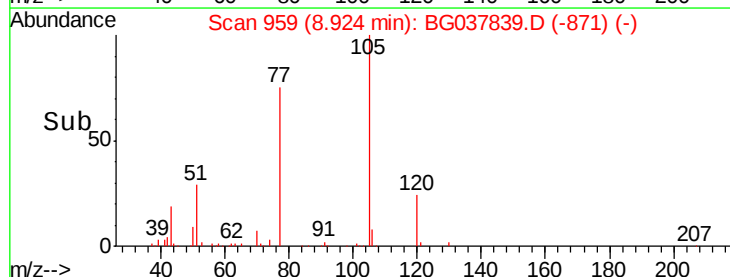
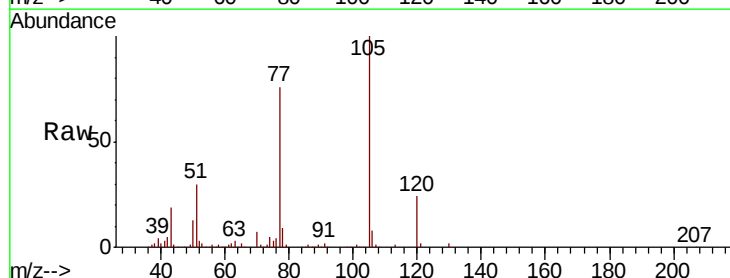
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	265920
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.6 14.4
54	10.4	7.9 11.9
68	6.4	4.8 7.2



#22
Acetophenone
Concen: 37.925 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:105	Resp:	252926
Ion	Ratio	Lower Upper
105	100	
71	1.3	1.2 1.8
51	29.6	25.0 37.6
120	23.7	18.6 28.0

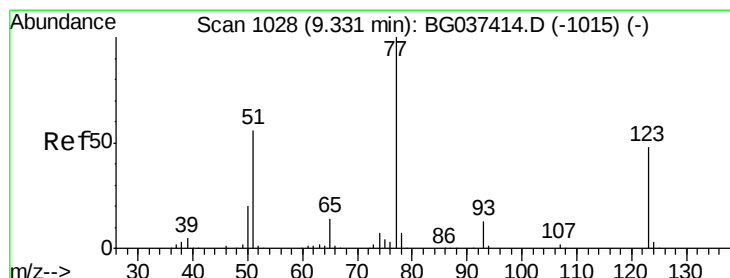
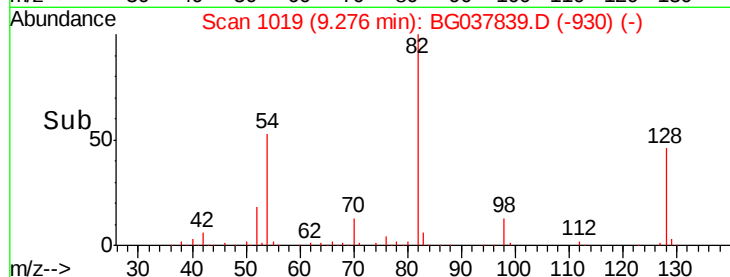
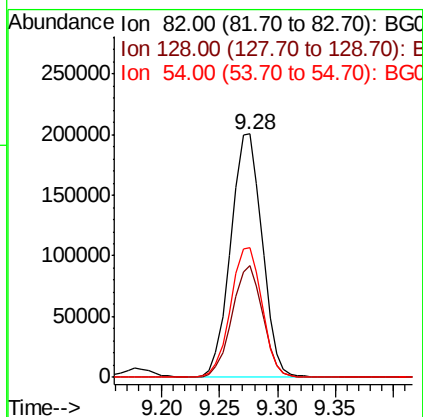
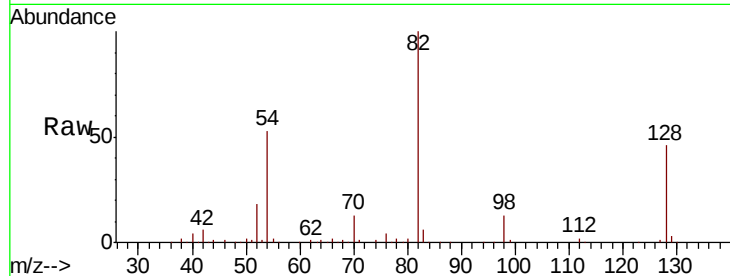




#23
Nitrobenzene-d5
Concen: 79.966 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

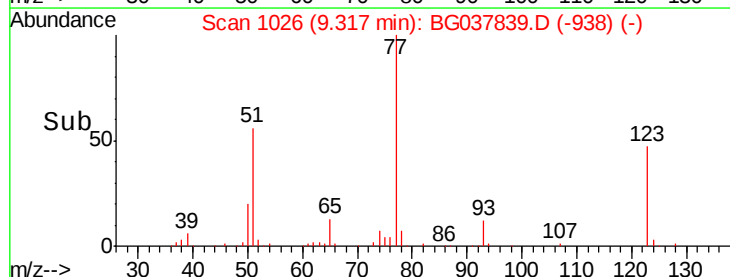
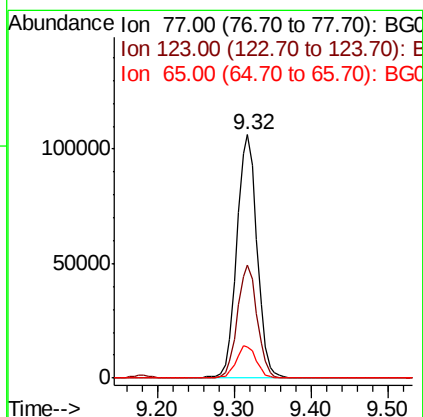
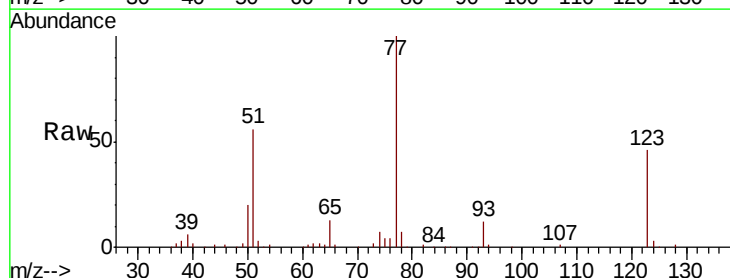
Instrument :
BNA_G
ClientSampled :

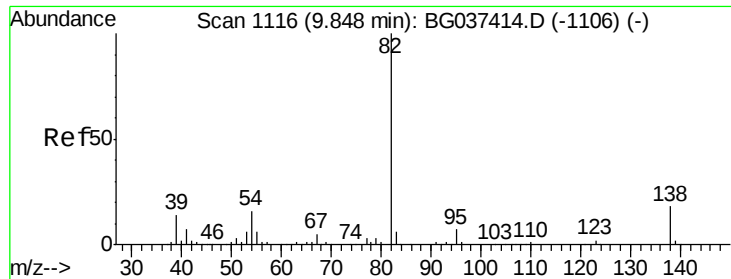
Tot Ion: 82 Resp: 379598
Ion Ratio Lower Upper
82 100
128 46.0 34.6 51.8
54 53.4 45.3 67.9



#24
Nitrobenzene
Concen: 39.833 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion: 77 Resp: 196430
Ion Ratio Lower Upper
77 100
123 46.4 33.6 50.4
65 12.7 11.3 16.9

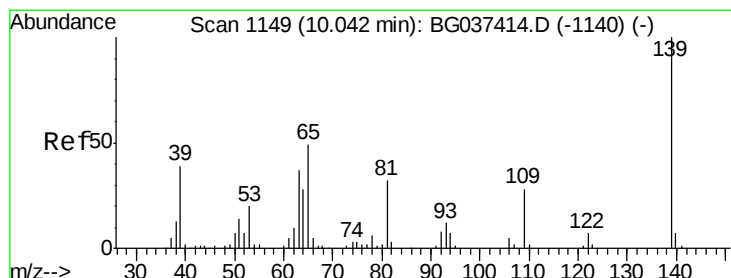
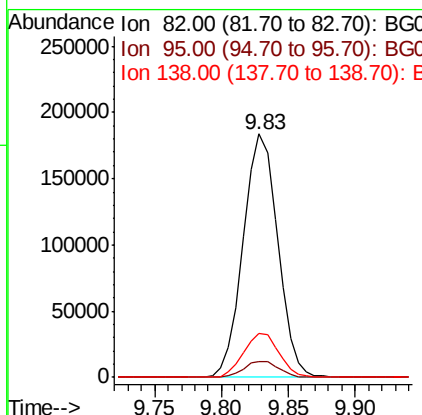
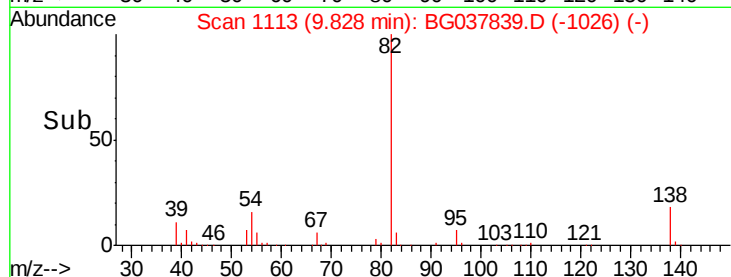
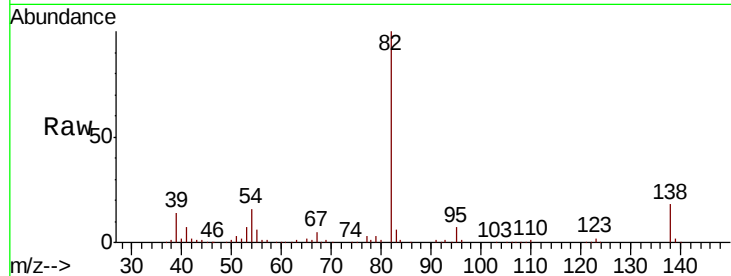




#25
Isophorone
Concen: 38.053 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

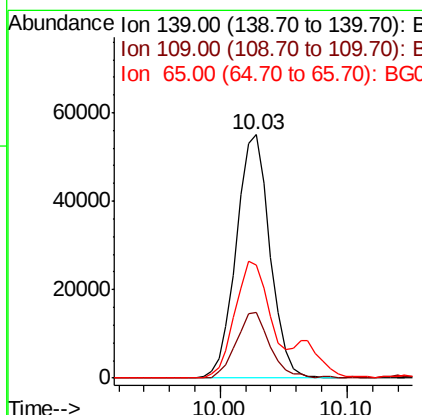
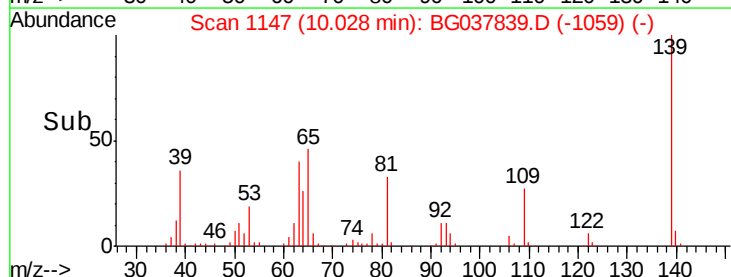
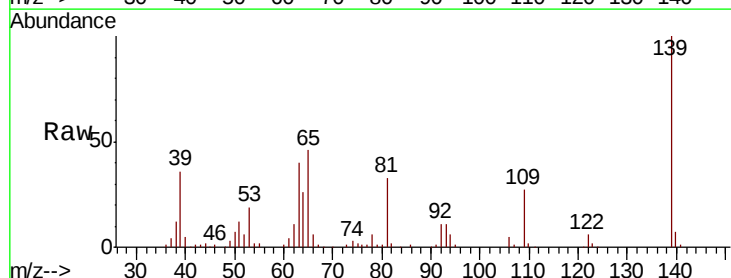
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 330048
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.0 13.3 19.9



#26
2-Nitrophenol
Concen: 45.619 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion: 139 Resp: 101346
Ion Ratio Lower Upper
139 100
109 26.8 23.3 34.9
65 46.4 39.8 59.8

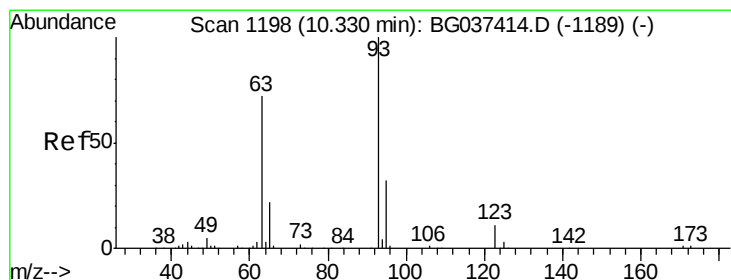
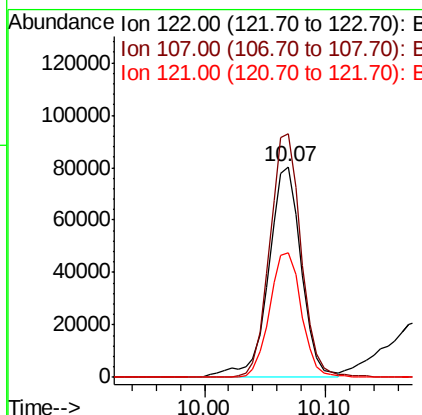
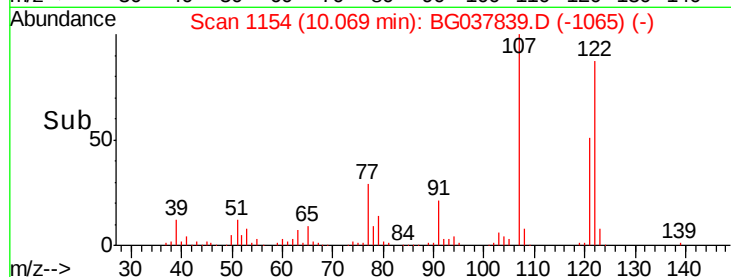
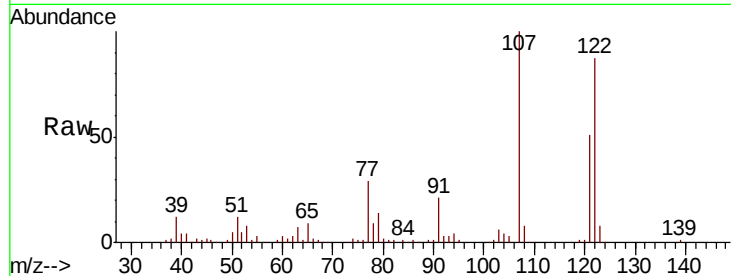




#27
 2,4-Dimethylphenol
 Concen: 37.718 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

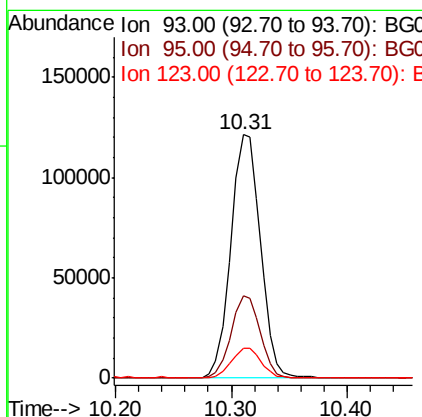
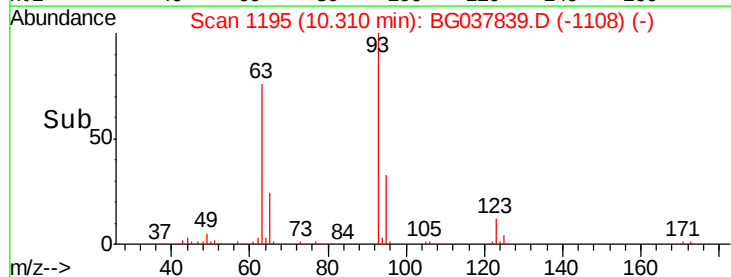
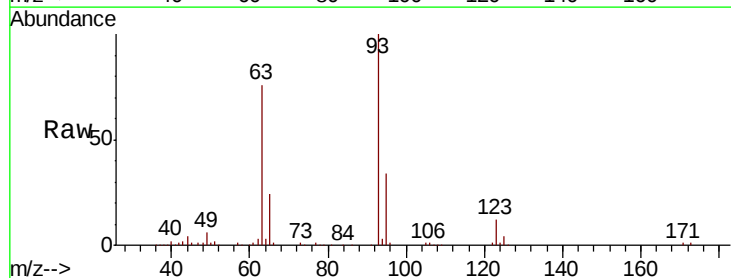
Instrument :
 BNA_G
 ClientSampleId :

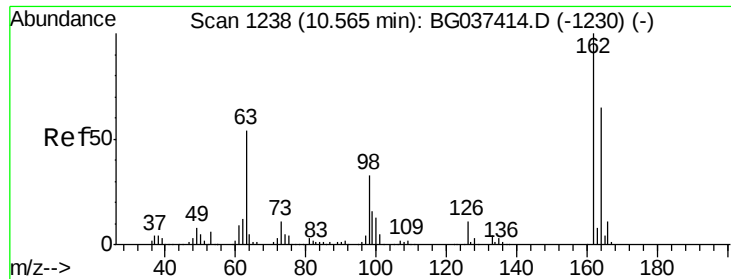
Tot Ion:122 Resp: 149610
 Ion Ratio Lower Upper
 122 100
 107 115.6 94.2 141.2
 121 58.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.948 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion: 93 Resp: 215647
 Ion Ratio Lower Upper
 93 100
 95 33.7 24.6 37.0
 123 12.1 9.1 13.7

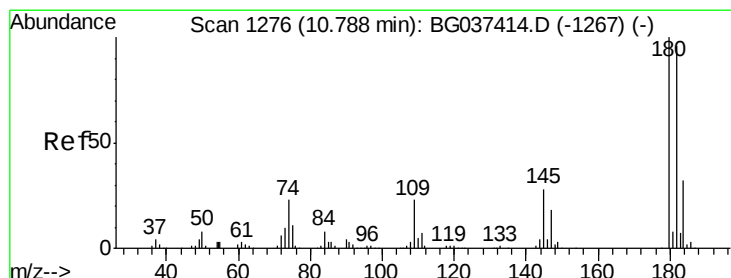
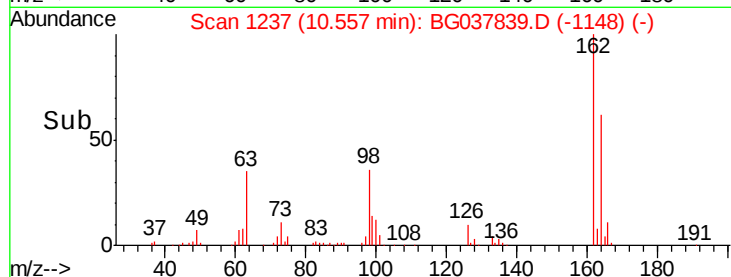
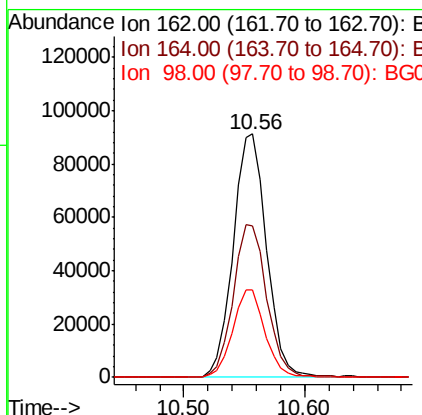
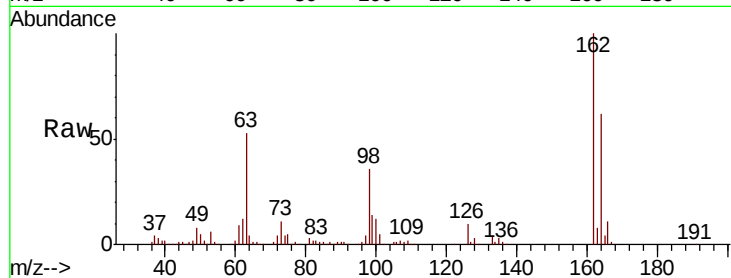




#29
 2,4-Dichlorophenol
 Concen: 39.753 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

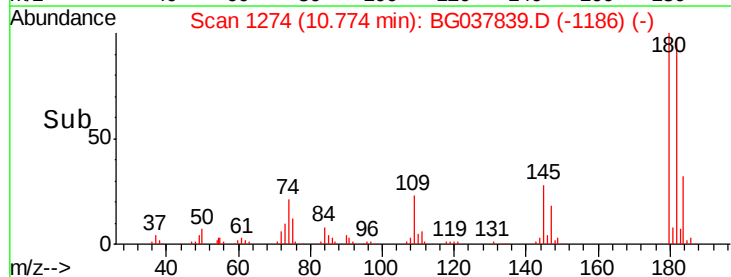
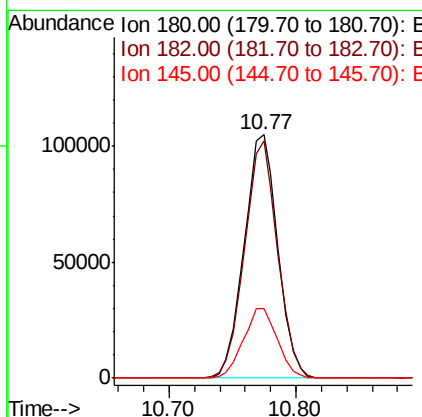
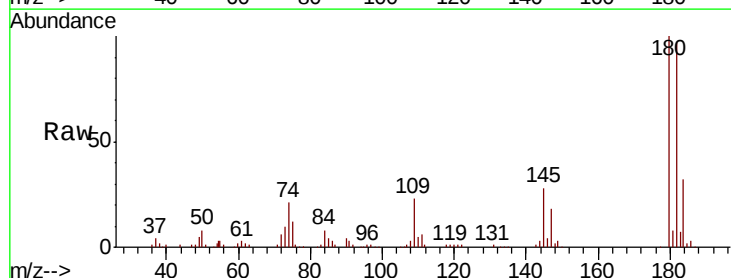
Instrument :
 BNA_G
 ClientSampleId :

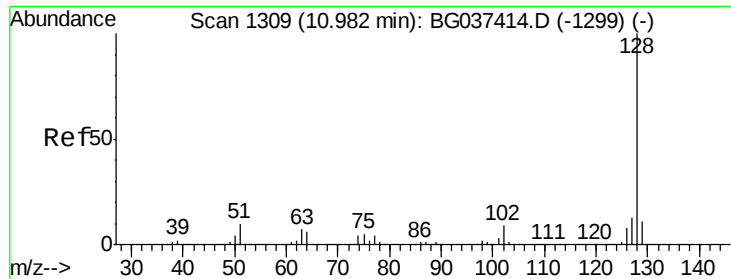
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.2	83.2
98	35.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.151 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.7	116.5
145	28.5	23.3	34.9

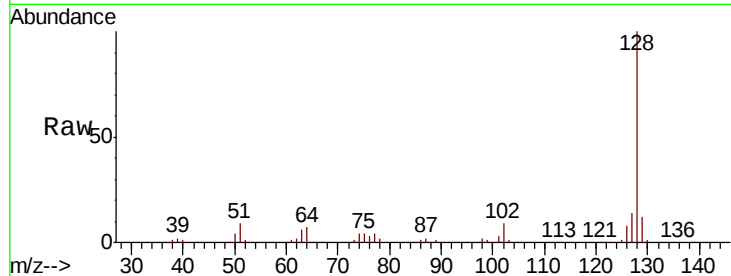




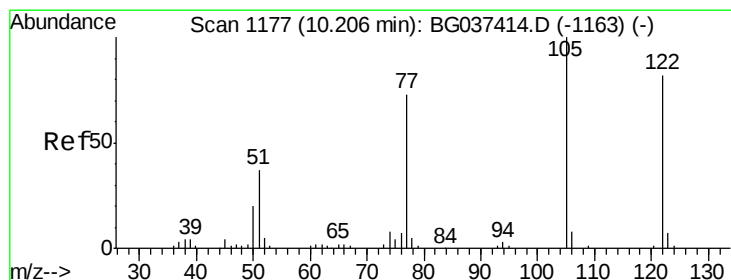
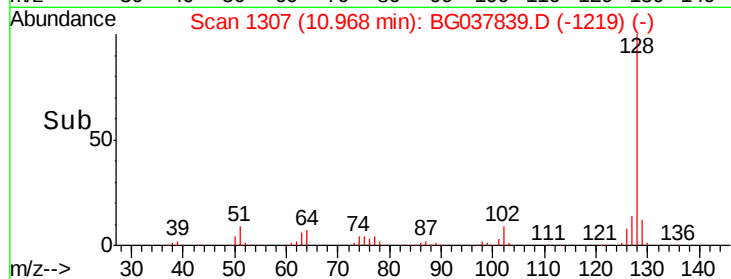
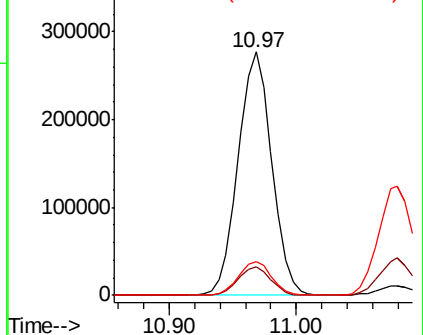
#31
Naphthalene
Concen: 38.971 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 509007
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 14.0 11.1 16.7

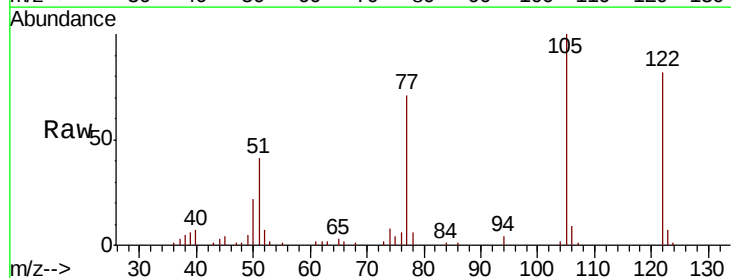


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

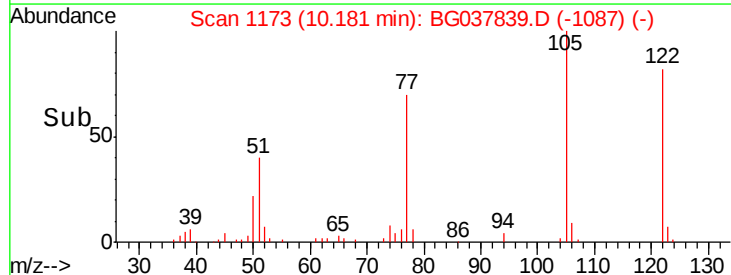
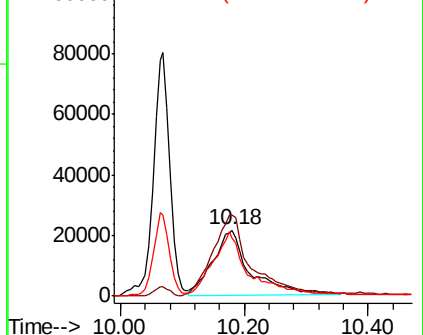


#32
Benzoic acid
Concen: 34.447 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:122 Resp: 88747
Ion Ratio Lower Upper
122 100
105 122.7 106.7 146.7
77 87.1 72.2 112.2



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

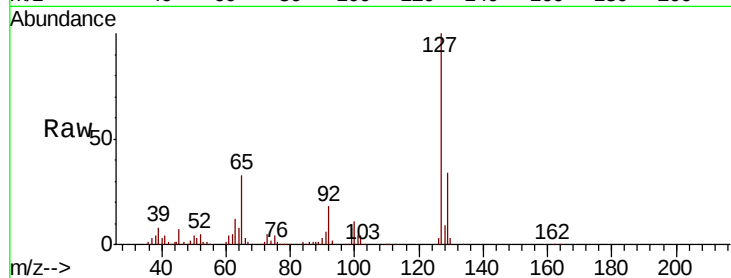




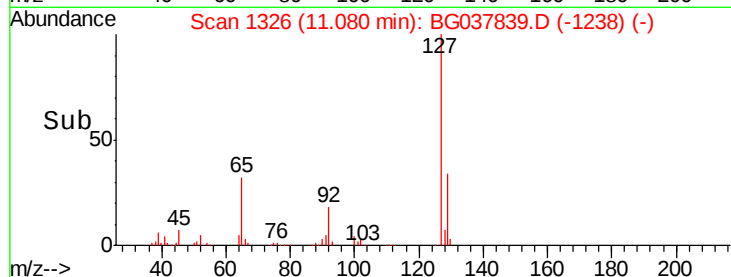
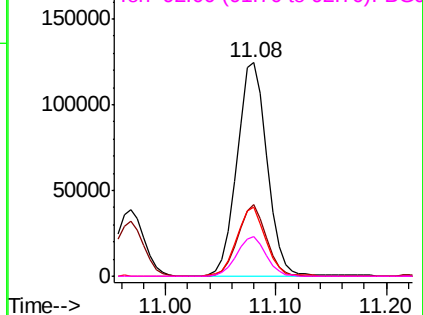
#33
4-Chloroaniline
Concen: 38.877 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	238584
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.1	40.7
65	32.7	26.6	39.8
92	18.3	16.4	24.6

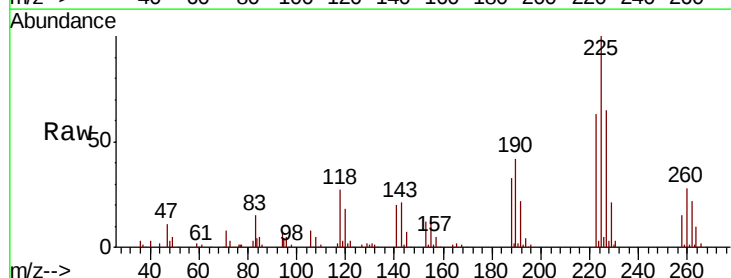


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

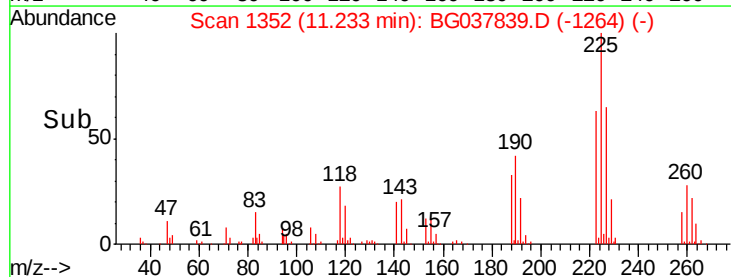
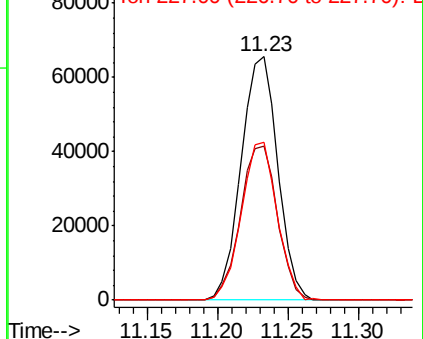


#34
Hexachlorobutadiene
Concen: 41.940 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:	225	Resp:	119380
Ion	Ratio	Lower	Upper
225	100		
223	60.5	48.2	72.4
227	64.3	51.6	77.4



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





#35

Caprolactam

Concen: 37.275 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

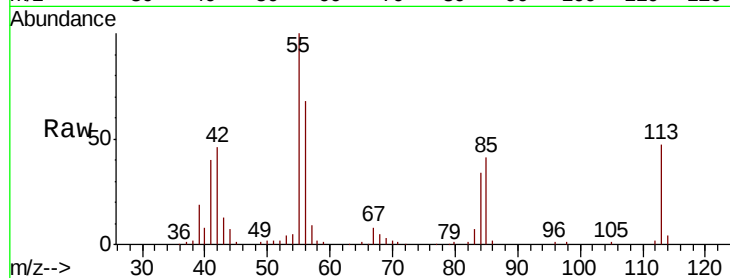
Tot Ion:113 Resp: 66023

Ion Ratio Lower Upper

113 100

55 212.7 176.6 216.6

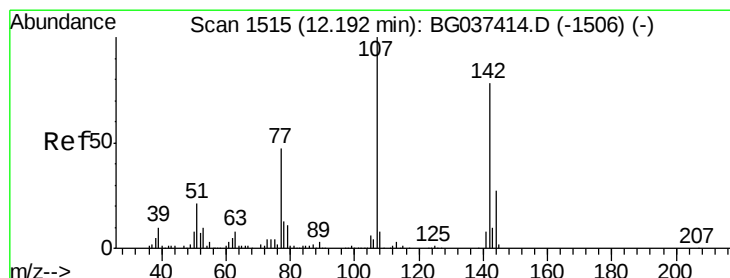
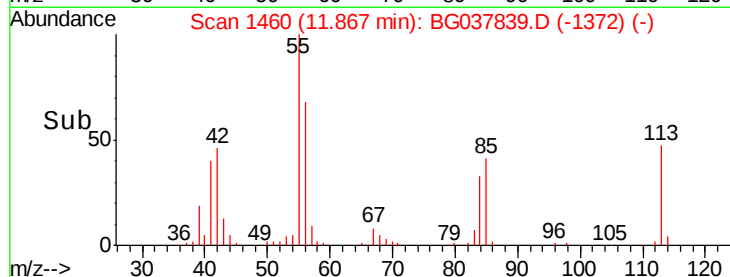
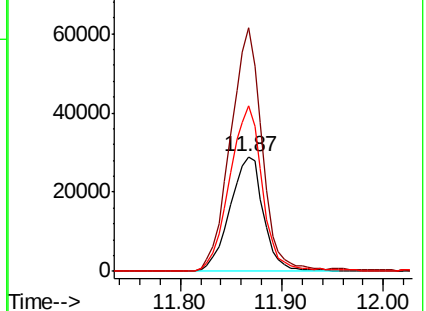
56 145.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.923 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

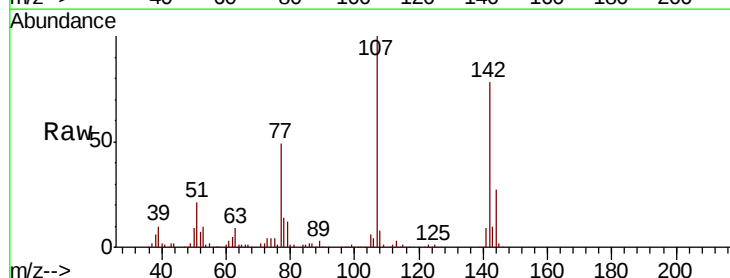
Tgt Ion:107 Resp: 188882

Ion Ratio Lower Upper

107 100

144 27.2 20.7 31.1

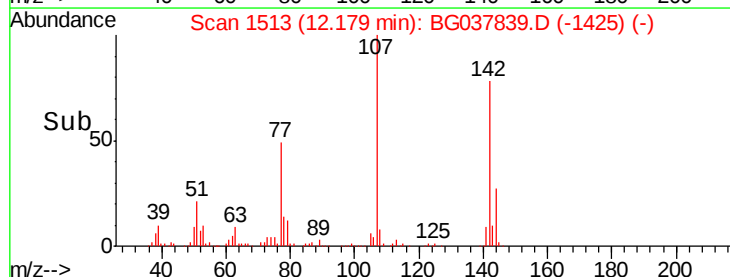
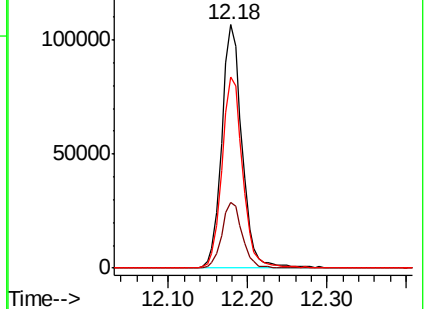
142 78.5 64.4 96.6

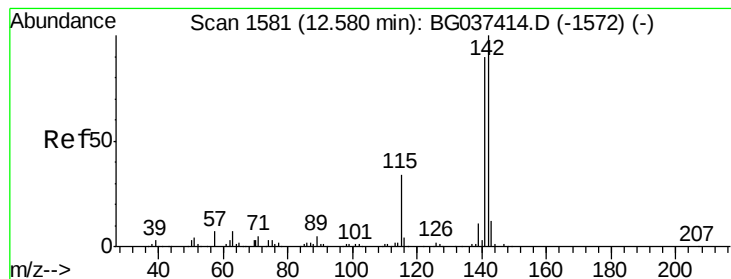


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.317 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampled :

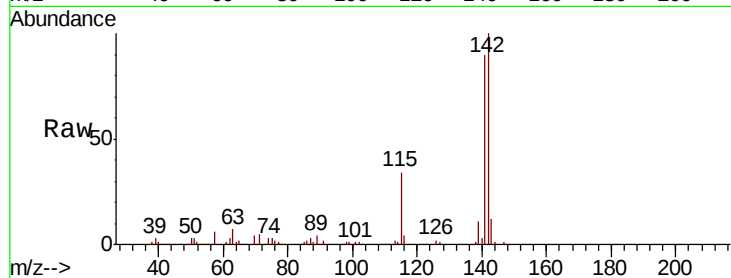
Tot Ion:142 Resp: 374345

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9

115 33.7 27.8 41.8

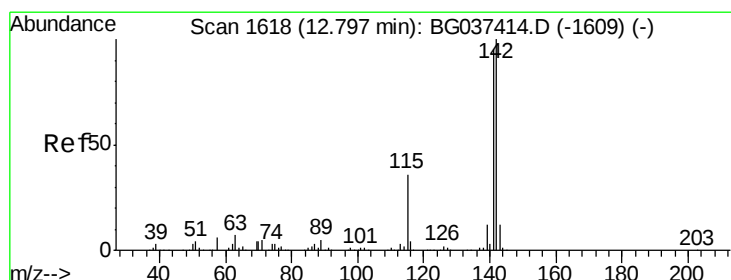
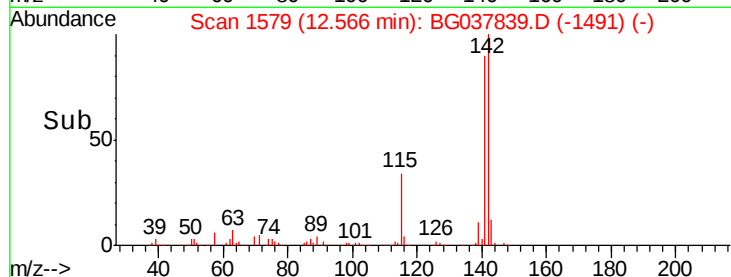
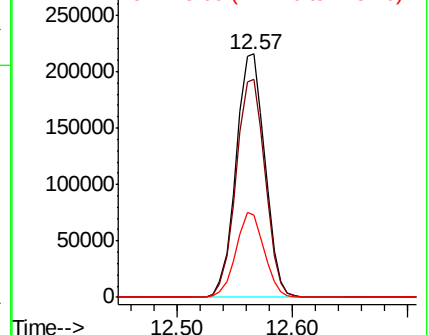


Abundance

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: 38.524 ng

RT: 12.78 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

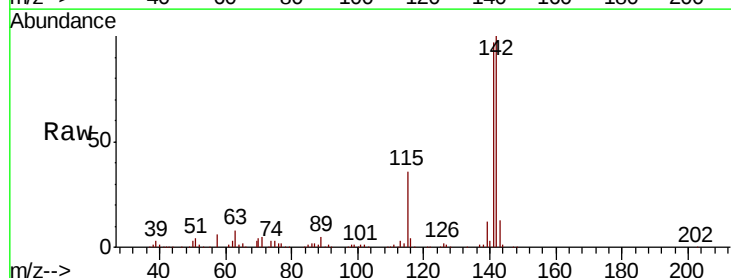
Tgt Ion:142 Resp: 356211

Ion Ratio Lower Upper

142 100

141 96.5 75.2 112.8

116 3.6 3.3 4.9

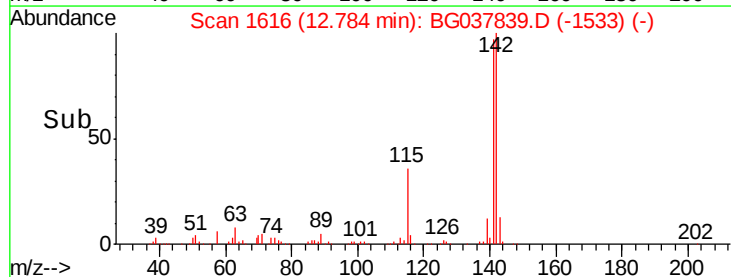
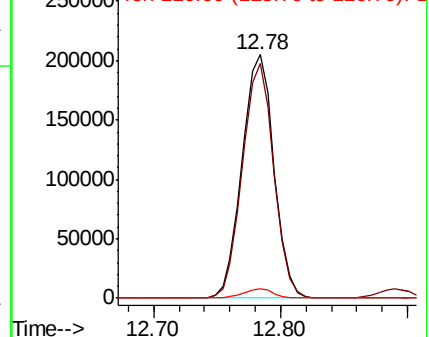


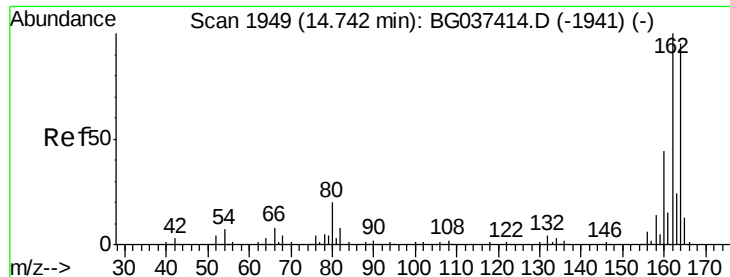
Abundance

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: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

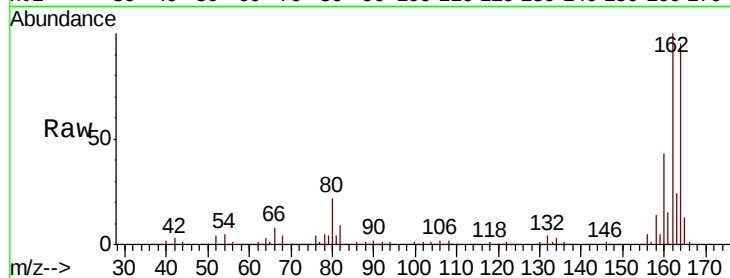
Tot Ion:164 Resp: 165639

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

160 45.1 36.3 54.5

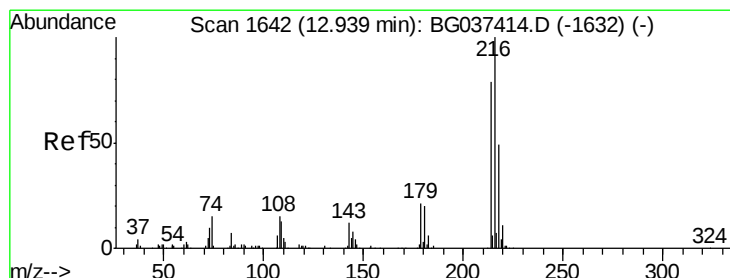
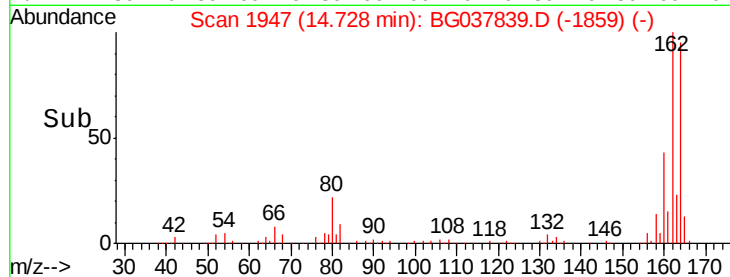
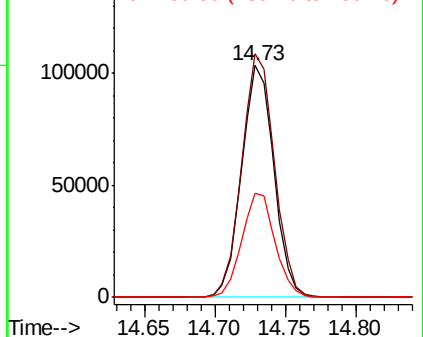


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.744 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Tgt Ion:216 Resp: 228373

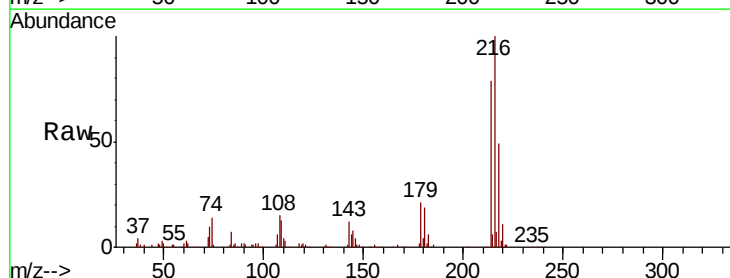
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 20.7 17.4 26.0

108 16.4 13.9 20.9



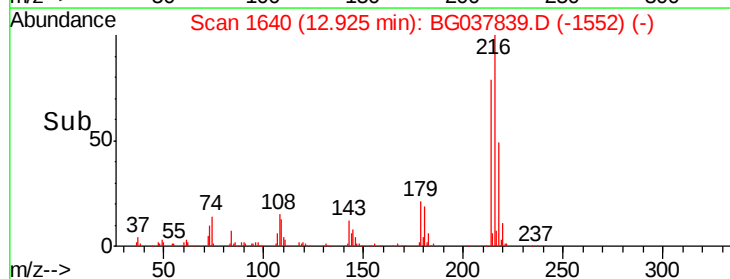
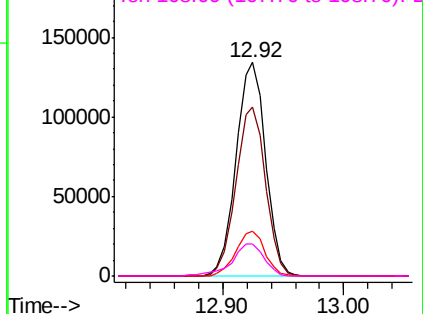
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.374 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

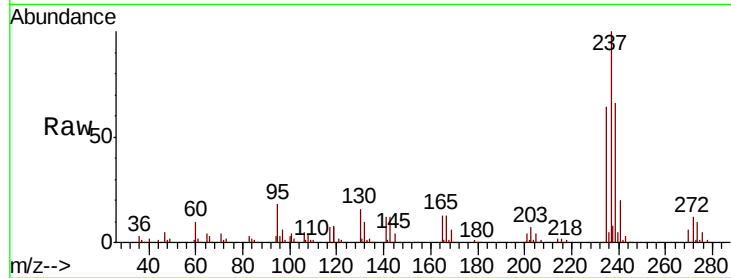
Tot Ion:237 Resp: 110695

Ion Ratio Lower Upper

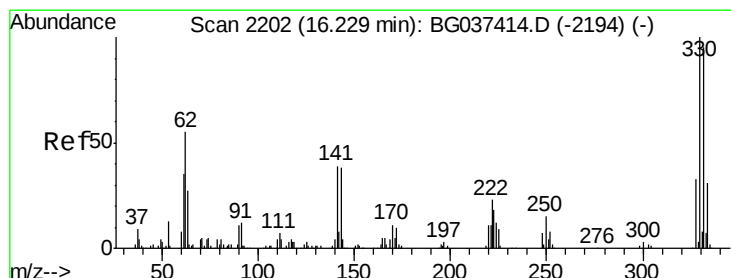
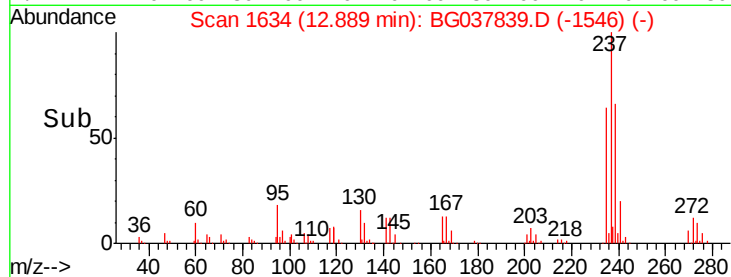
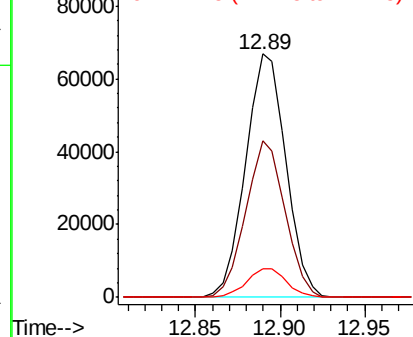
237 100

235 64.5 42.5 82.5

272 11.8 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: 80.371 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

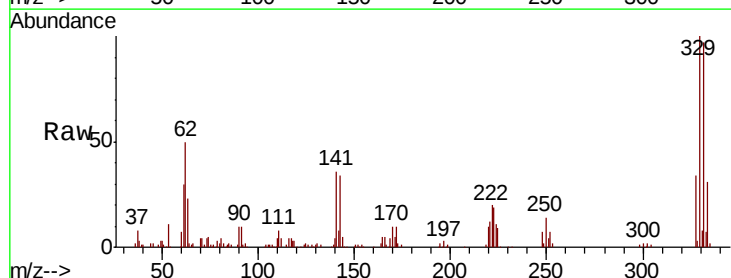
Tgt Ion:330 Resp: 145198

Ion Ratio Lower Upper

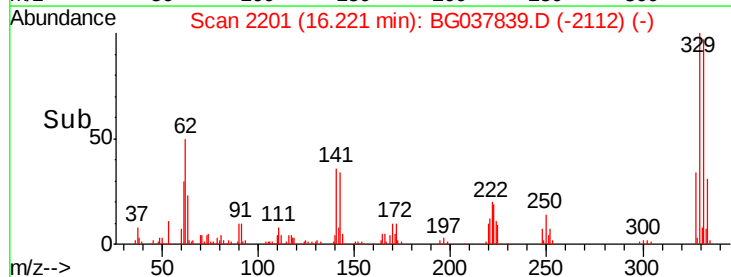
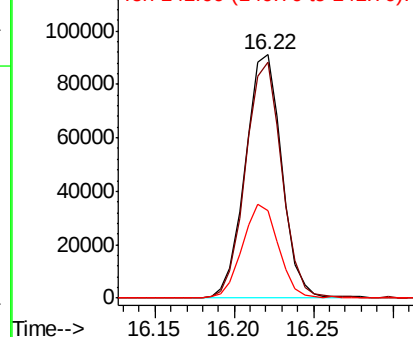
330 100

332 96.3 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

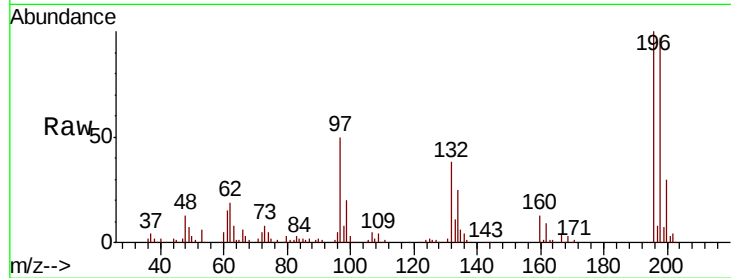




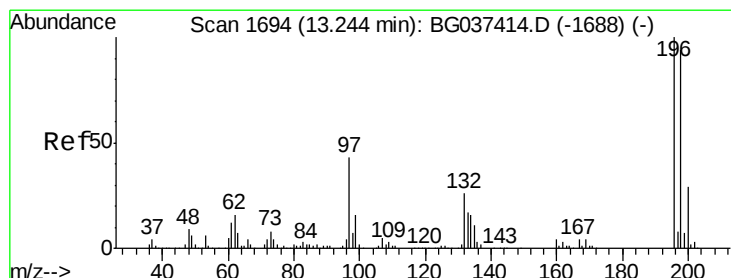
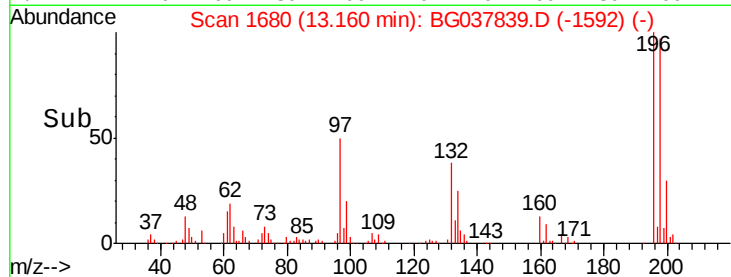
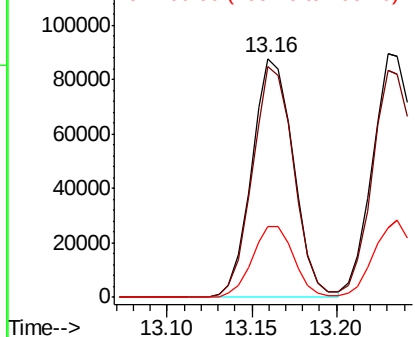
#43
 2,4,6-Trichlorophenol
 Concen: 42.132 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 150388
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.4 114.6
 200 29.8 24.9 37.3

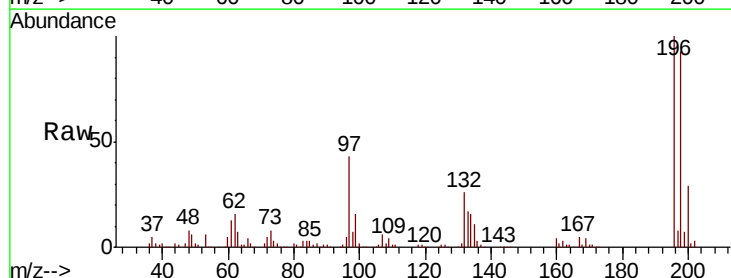


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

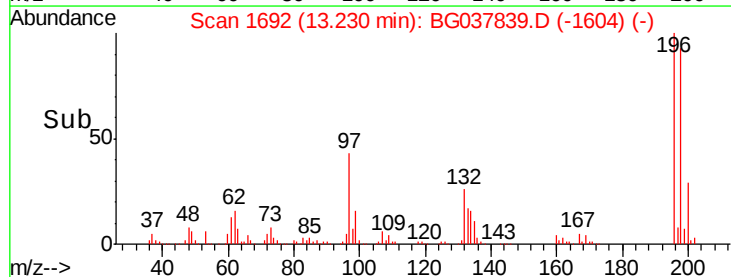
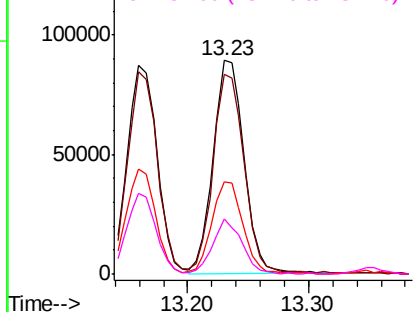


#44
 2,4,5-Trichlorophenol
 Concen: 40.608 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion:196 Resp: 157814
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.2 111.2
 97 43.1 34.1 51.1
 132 25.5 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

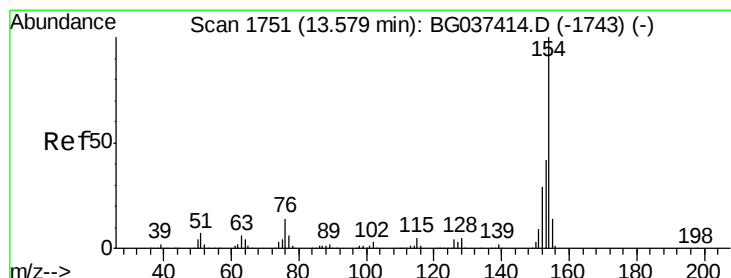
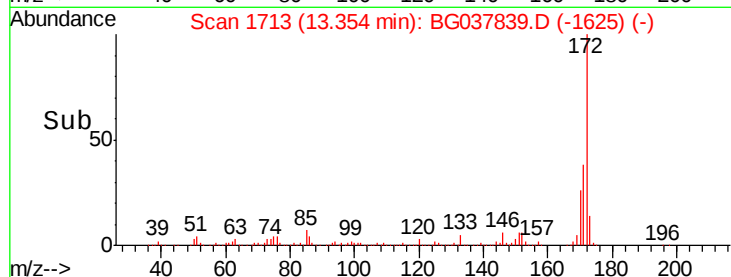
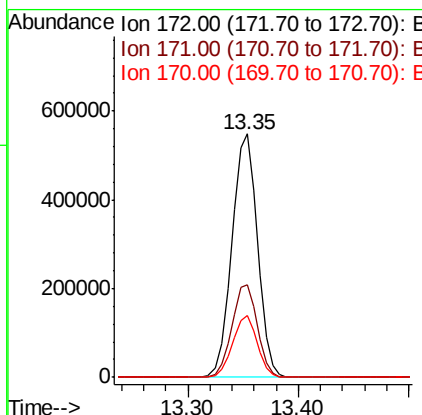
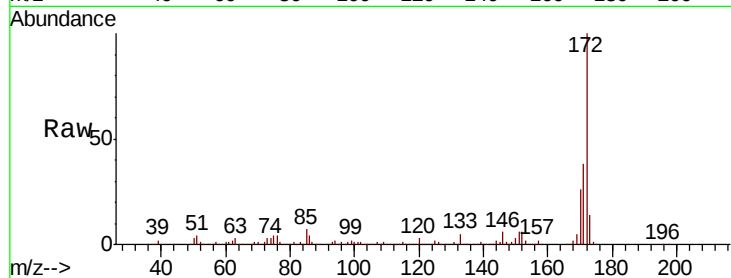




#45
 2-Fluorobiphenyl
 Concen: 80.853 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

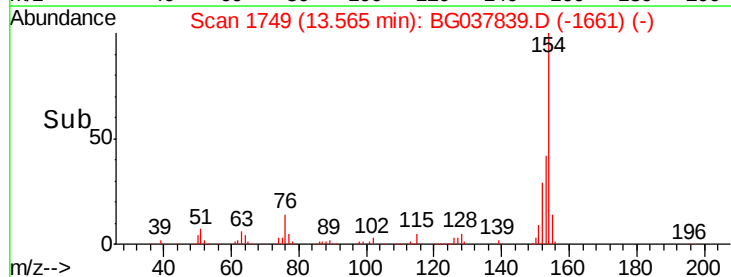
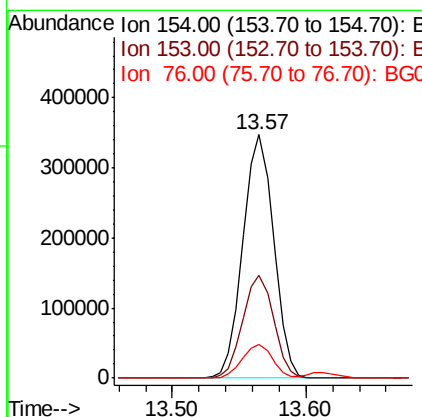
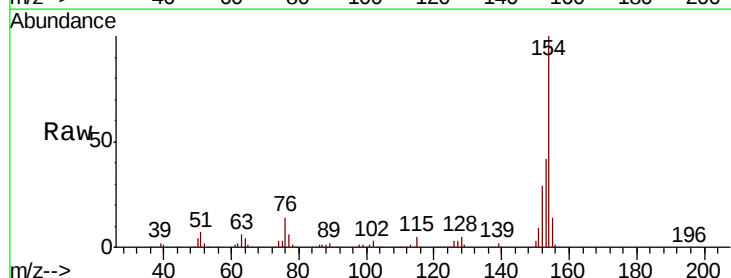
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.6	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 40.329 ng
 RT: 13.57 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	13.7	0.0	33.2





#47

2-Chloronaphthalene

Concen: 40.676 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

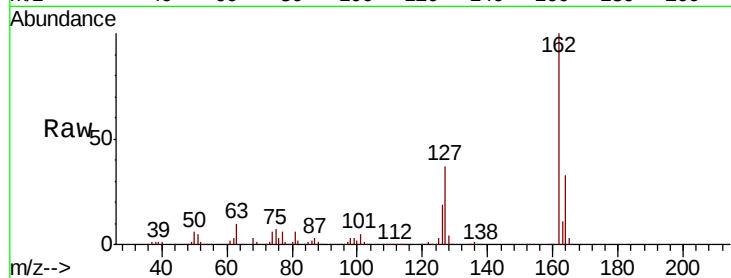
Tot Ion:162 Resp: 422135

Ion Ratio Lower Upper

162 100

127 37.0 30.5 45.7

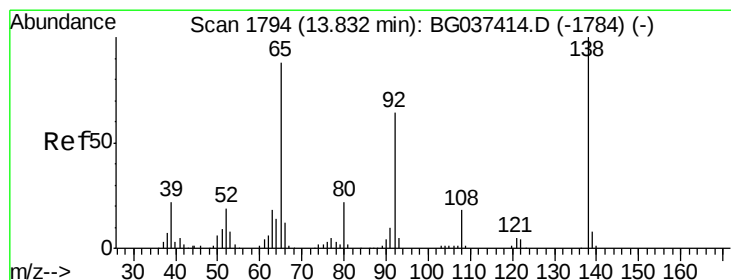
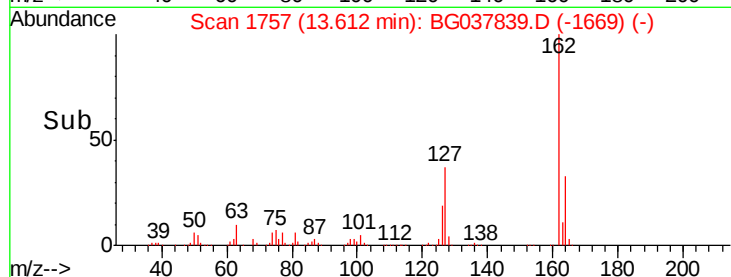
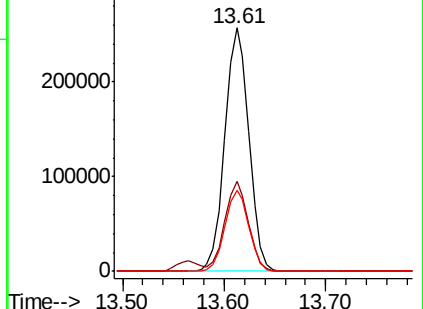
164 33.1 26.4 39.6



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: 41.559 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

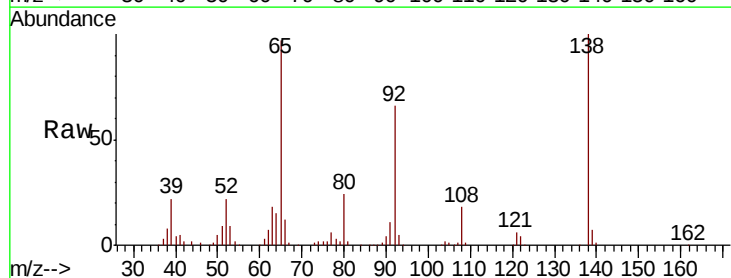
Tgt Ion: 65 Resp: 130793

Ion Ratio Lower Upper

65 100

92 68.7 53.2 79.8

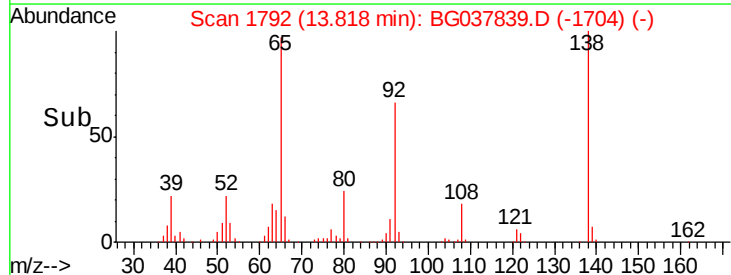
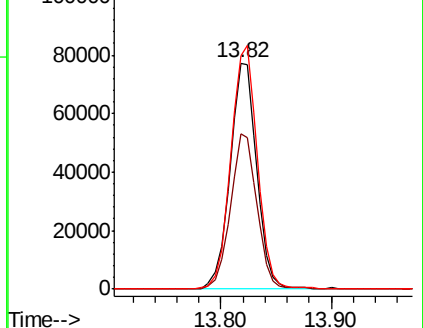
138 103.4 79.3 118.9

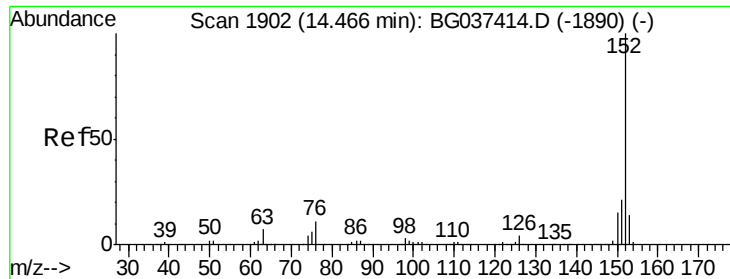


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.472 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

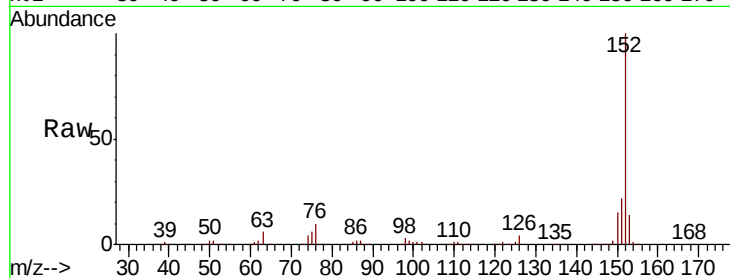
Tot Ion:152 Resp: 631826

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

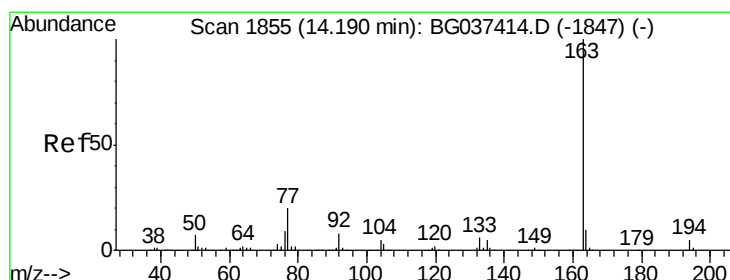
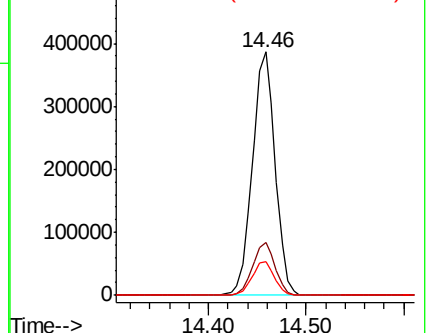
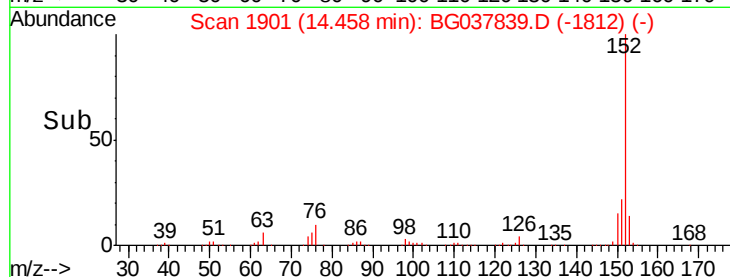
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.486 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

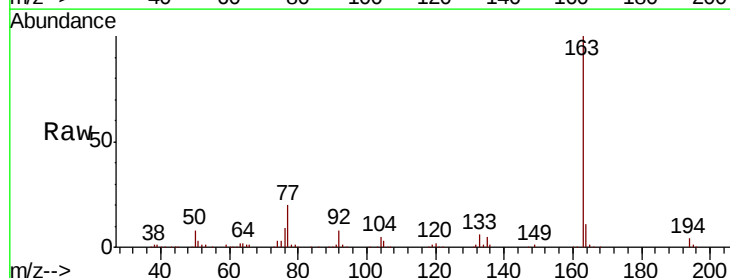
Tgt Ion:163 Resp: 505984

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

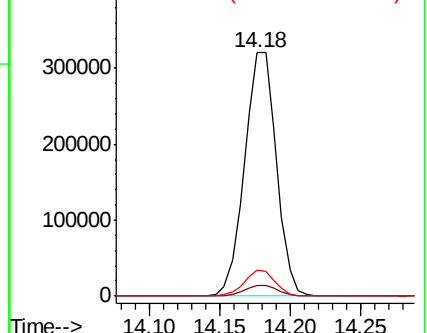
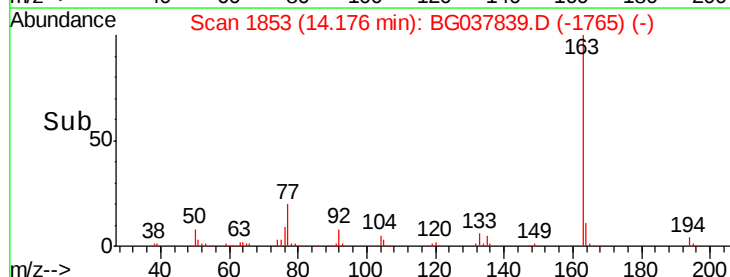
164 10.6 8.5 12.7

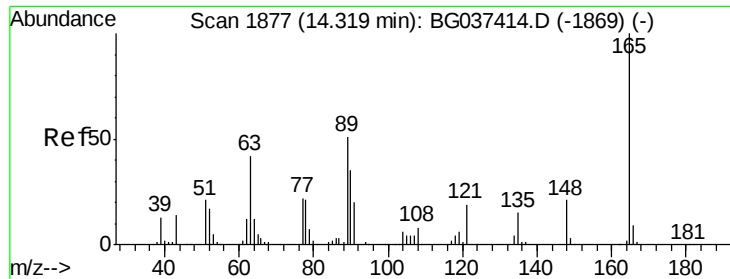


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.625 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

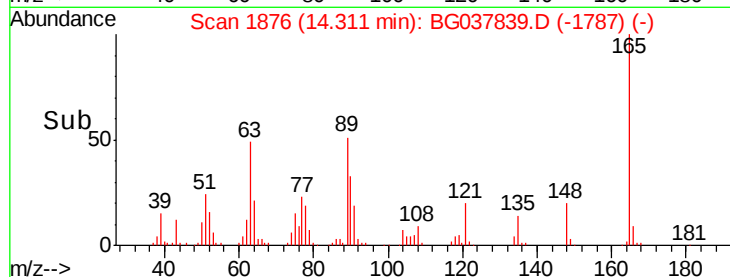
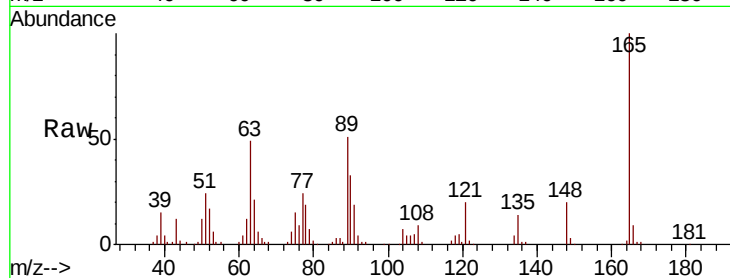
Tot Ion:165 Resp: 117997

Ion Ratio Lower Upper

165 100

63 49.3 43.4 65.2

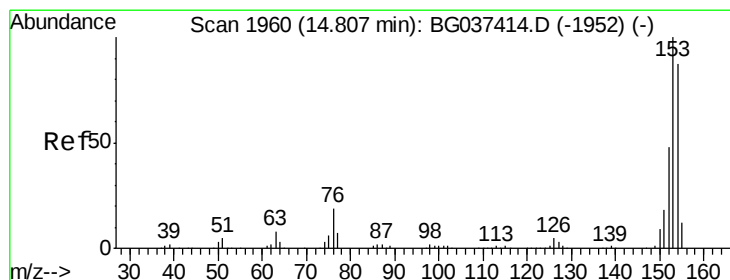
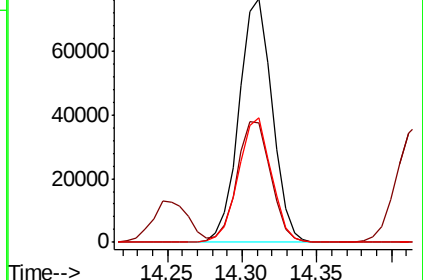
89 51.0 45.8 68.6



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: 39.724 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

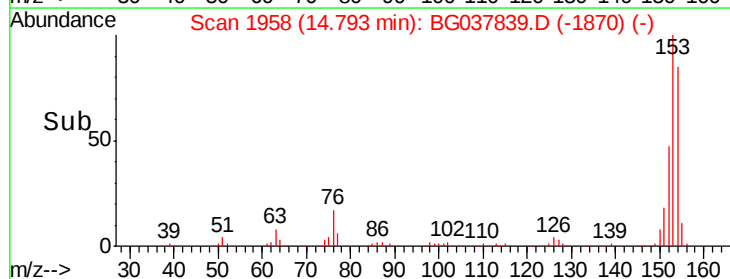
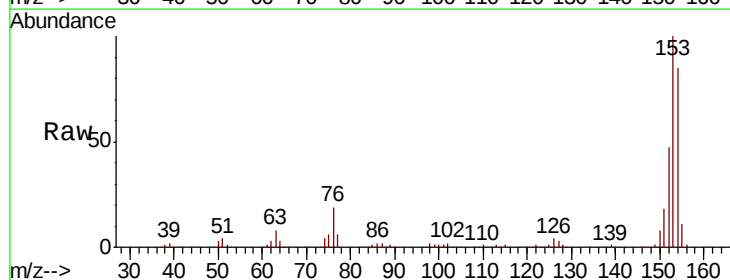
Tgt Ion:154 Resp: 381929

Ion Ratio Lower Upper

154 100

153 117.1 93.4 140.0

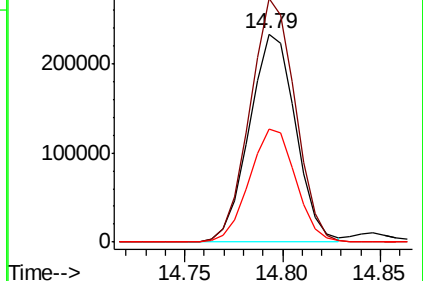
152 54.6 44.7 67.1



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: 40.067 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

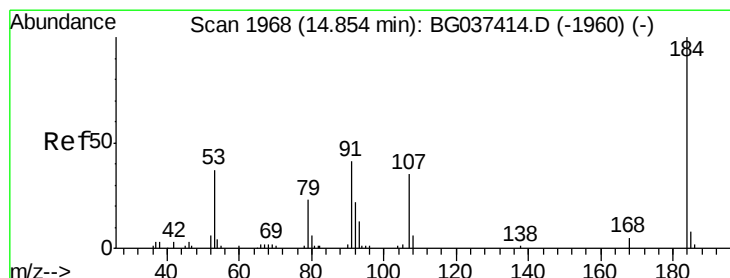
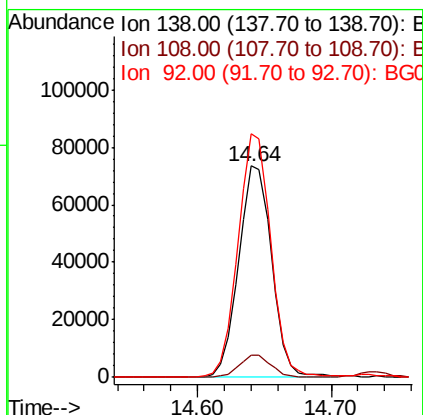
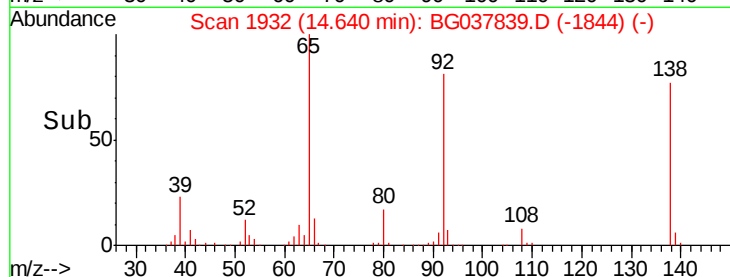
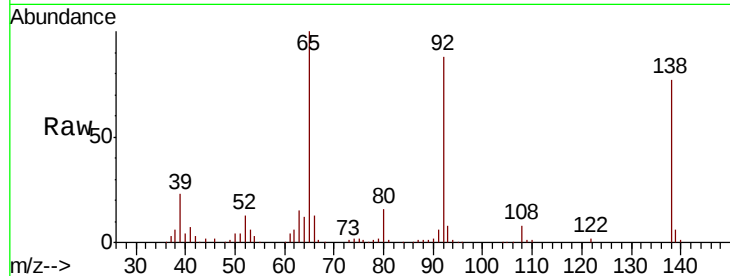
Tot Ion:138 Resp: 126090

Ion Ratio Lower Upper

138 100

108 10.5 11.0 16.6#

92 115.1 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 40.684 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

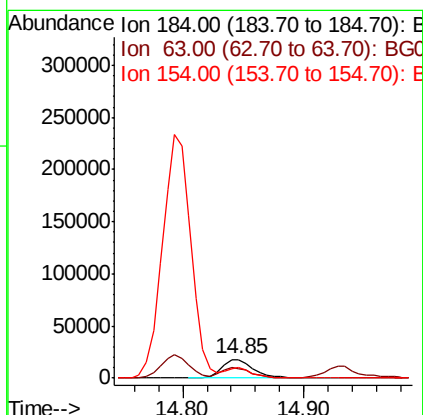
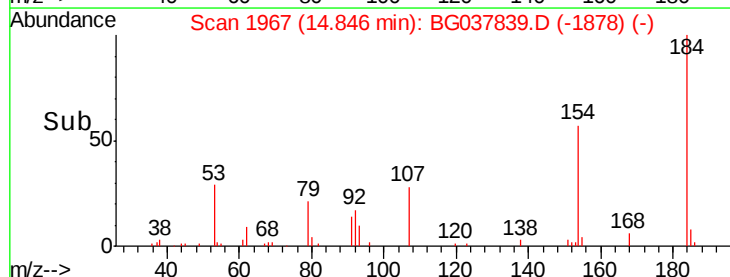
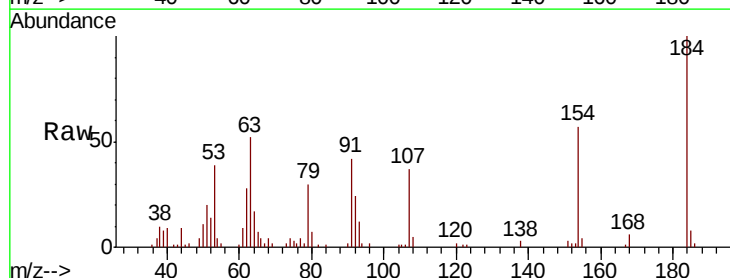
Tgt Ion:184 Resp: 33726

Ion Ratio Lower Upper

184 100

63 52.2 42.6 63.8

154 57.3 41.8 62.6

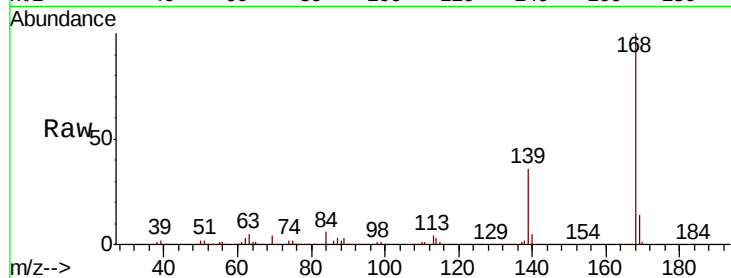




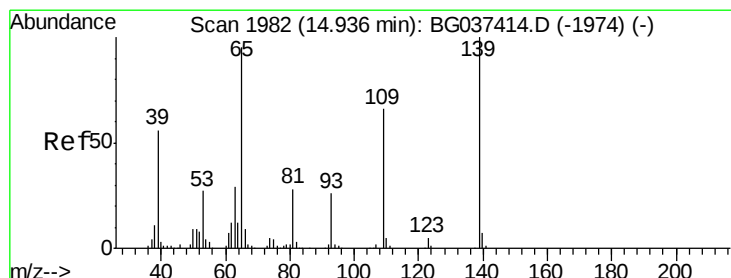
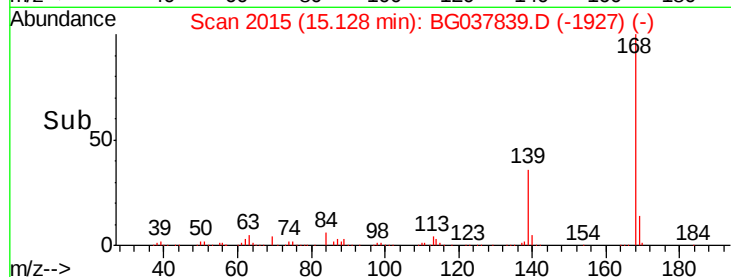
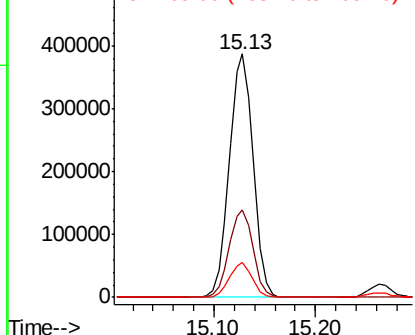
#55
Dibenzenofuran
Concen: 39.341 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 626698
Ion Ratio Lower Upper
168 100
139 36.0 29.4 44.0
169 14.4 11.0 16.6

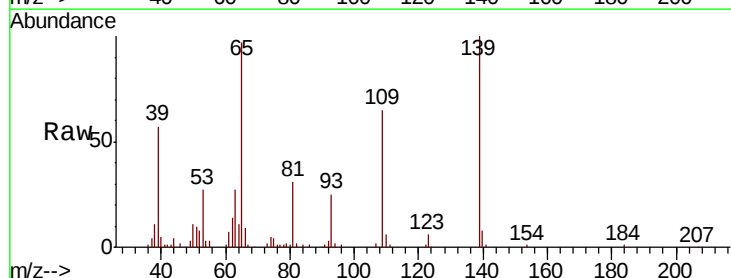


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

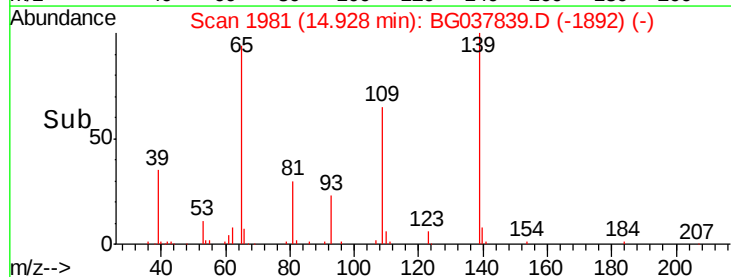
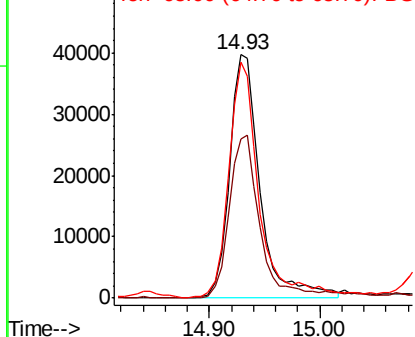


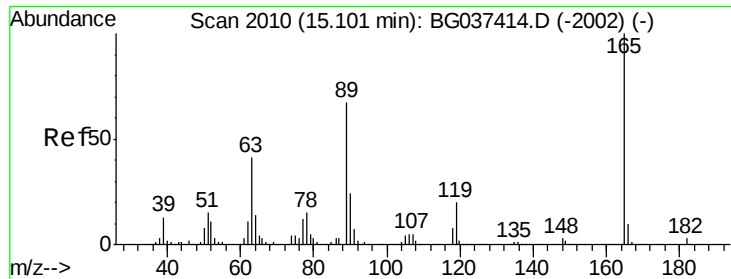
#56
4-Nitrophenol
Concen: 33.052 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:139 Resp: 76991
Ion Ratio Lower Upper
139 100
109 65.5 49.5 89.5
65 97.2 76.8 116.8



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

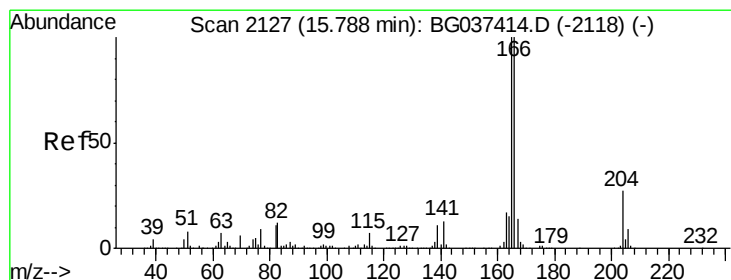
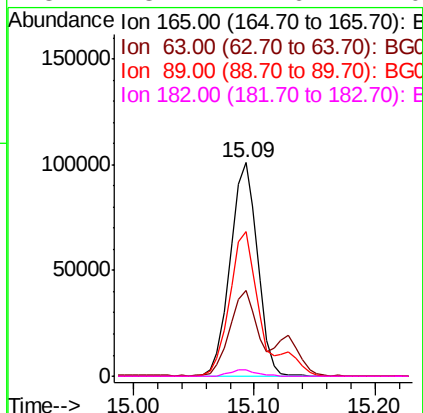
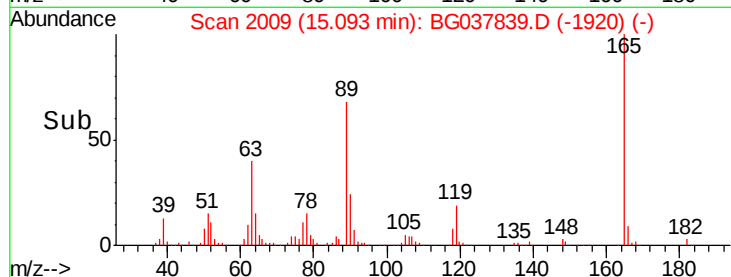
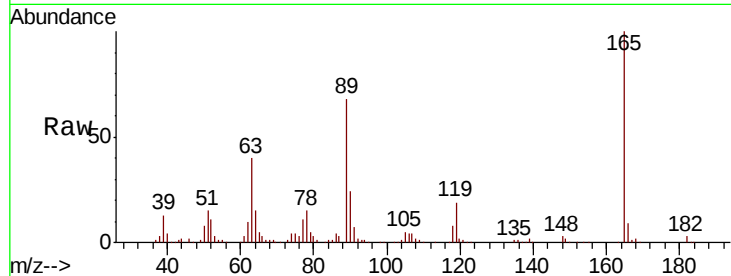




#57
2,4-Dinitrotoluene
Concen: 42.821 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

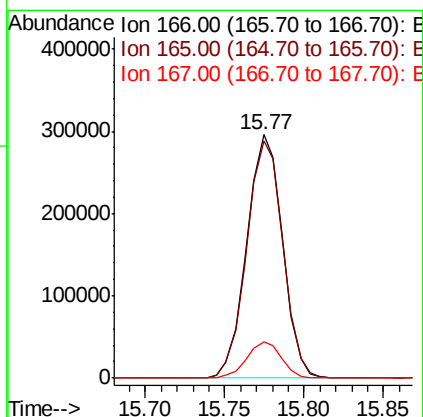
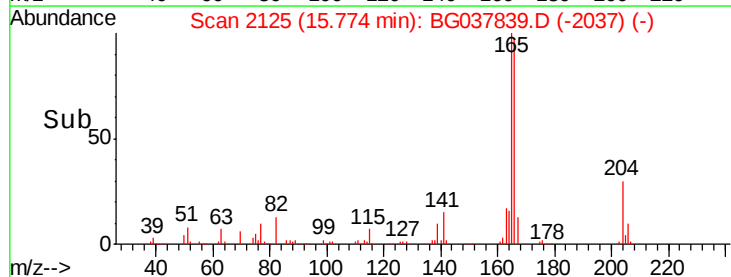
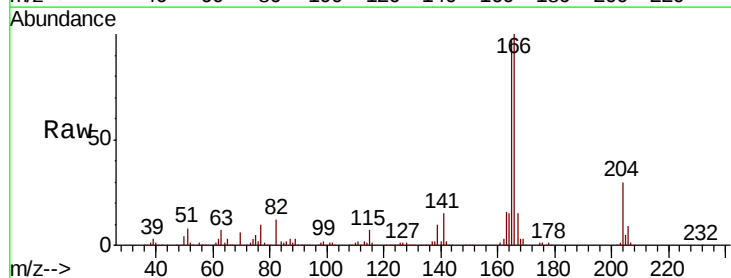
Instrument :
BNA_G
ClientSampleId :

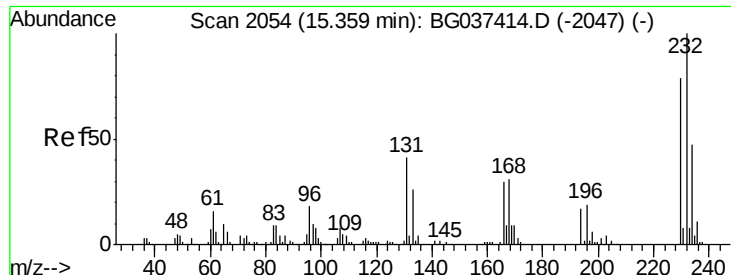
Tot Ion:165 Resp: 159341
Ion Ratio Lower Upper
165 100
63 39.9 33.4 50.0
89 67.8 57.2 85.8
182 3.1 2.6 4.0



#58
Fluorene
Concen: 38.849 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:166 Resp: 463436
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 14.9 11.3 16.9

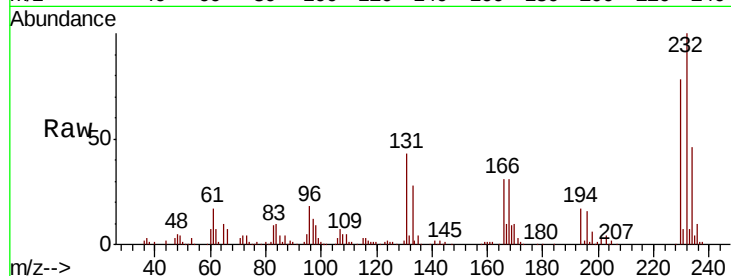




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.716 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.7	50.5
130	2.5	2.1	3.1
166	29.8	24.6	36.8



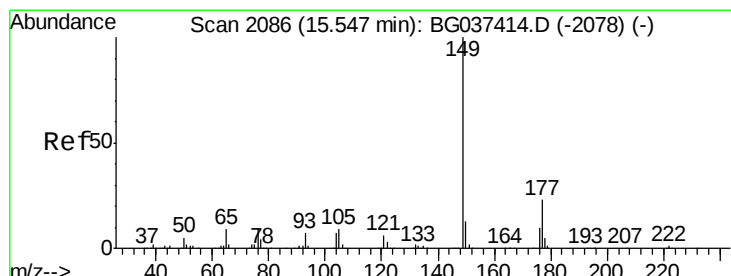
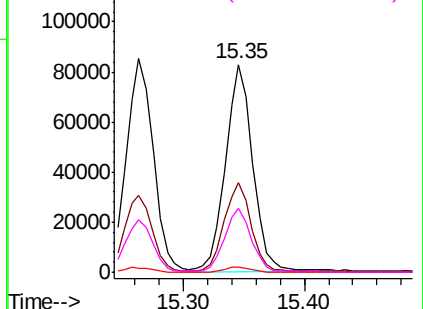
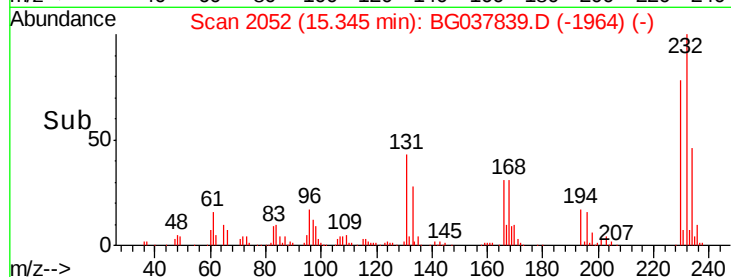
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

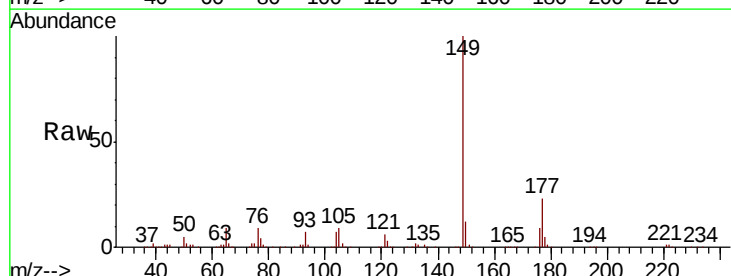
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.009 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.3	10.0	15.0

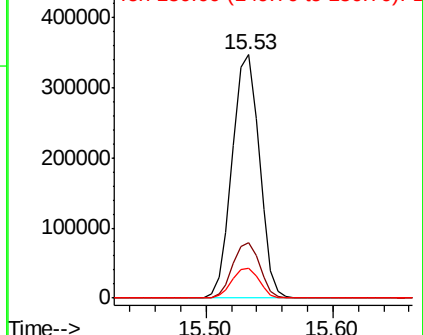
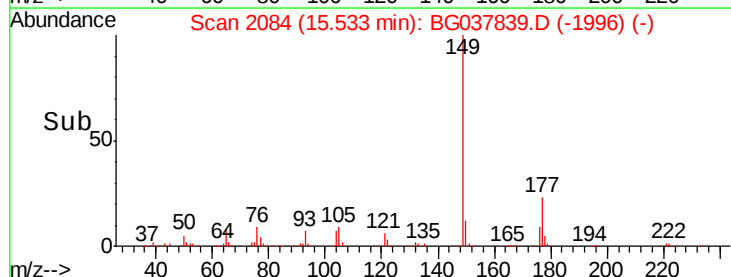


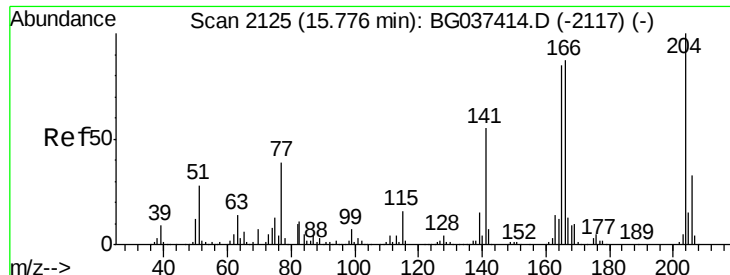
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

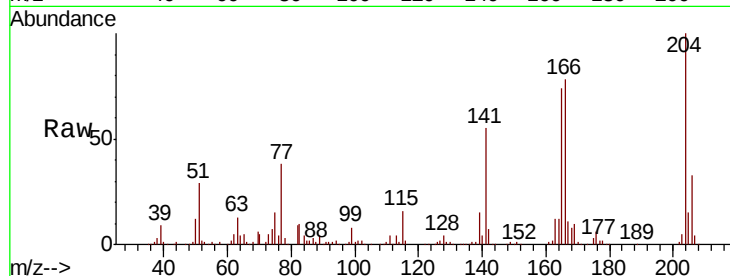




#61
 4-Chlorophenyl-phenylether
 Concen: 39.877 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	54.5	45.4	68.2

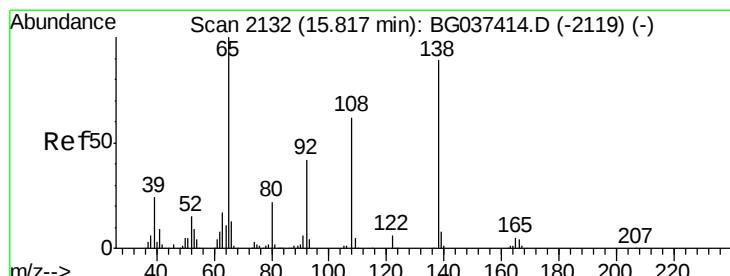
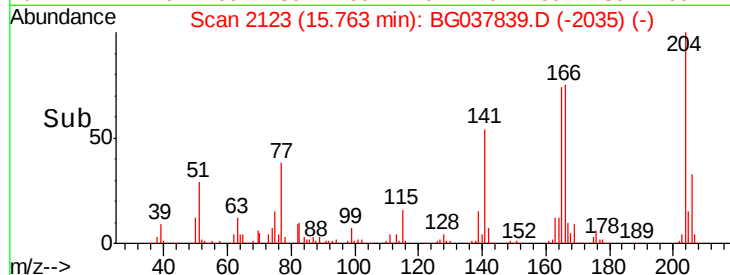
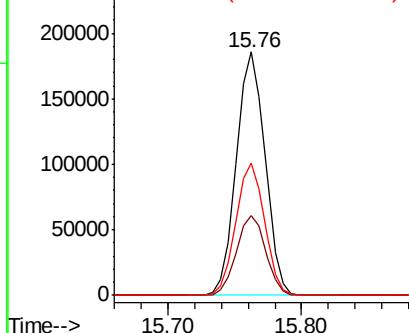


Abundance

Ion 204.00 (203.70 to 204.70): E

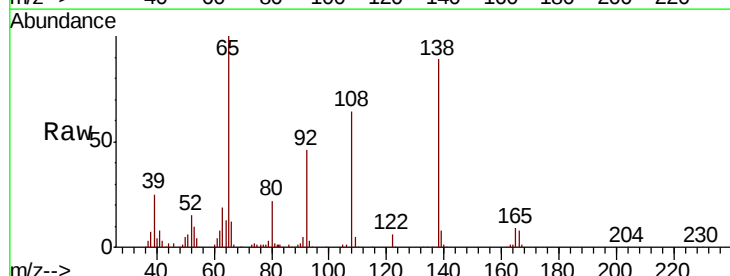
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 38.561 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	36.4	76.4
108	71.1	60.1	100.1

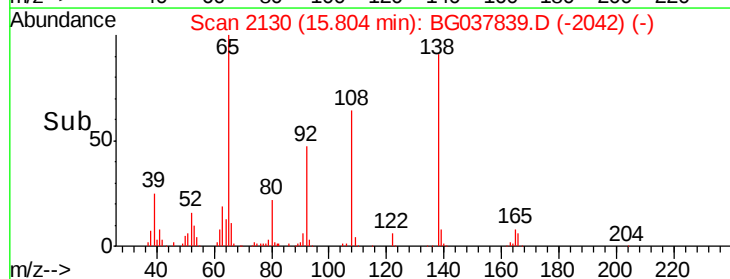
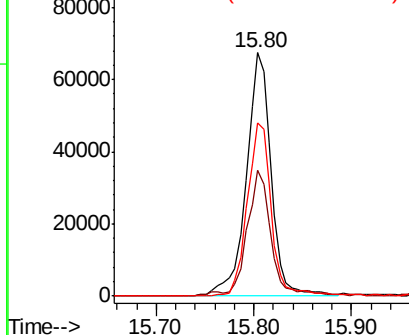


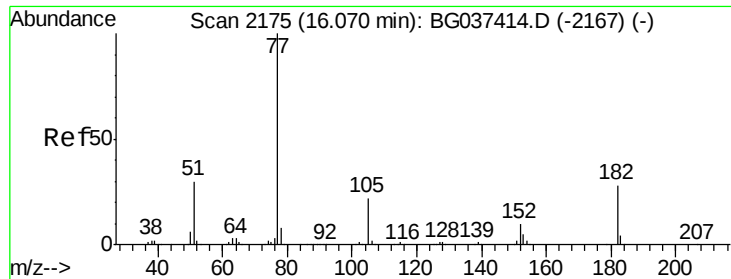
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

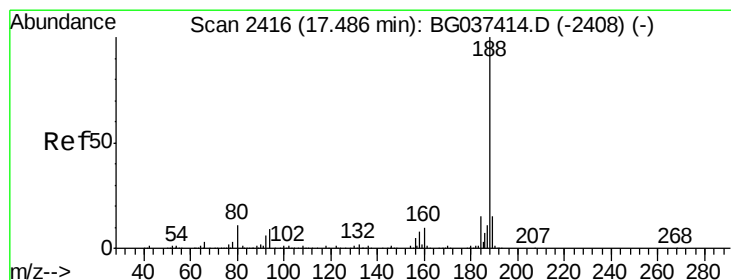
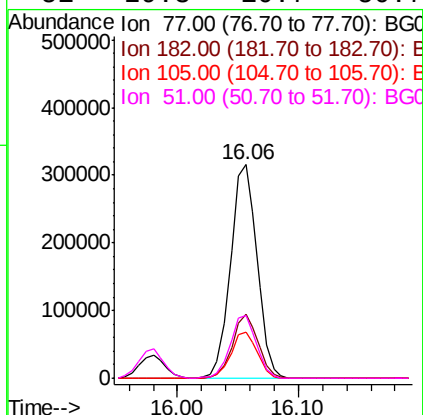
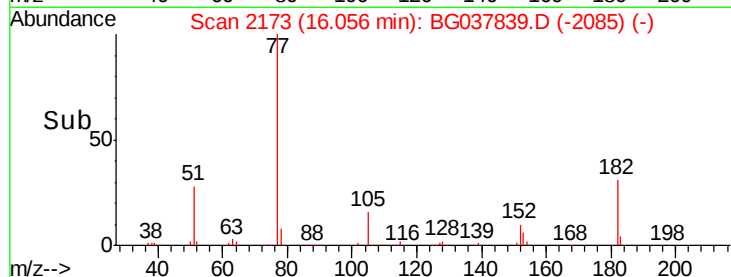
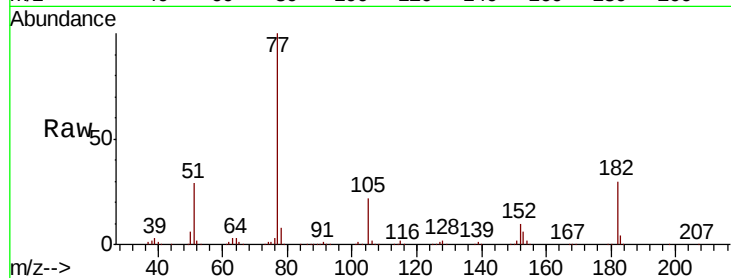




#63
Azobenzene
Concen: 38.363 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

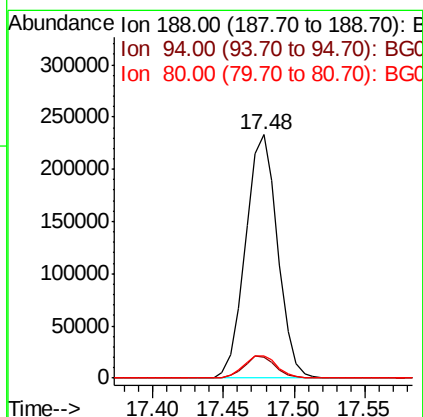
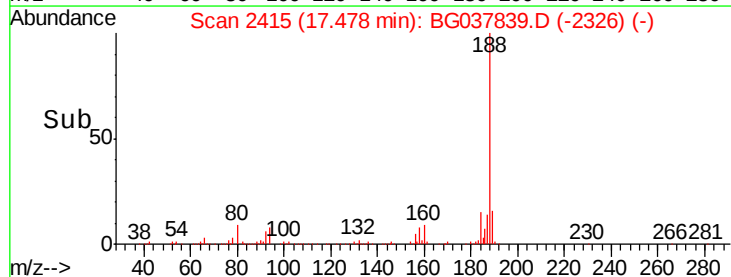
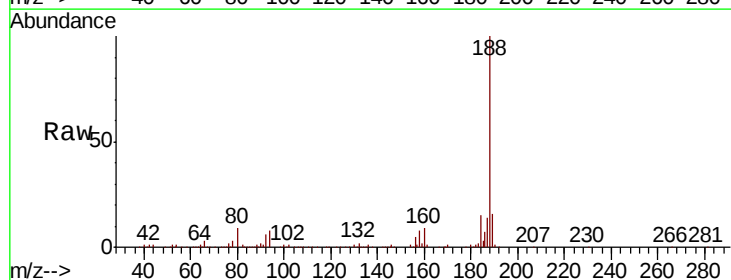
Instrument :
BNA_G
ClientSampled :

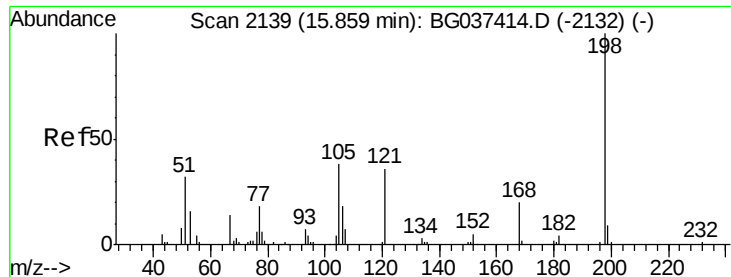
Tot Ion:	77	Resp:	481538
Ion	Ratio	Lower	Upper
77	100		
182	29.9	8.0	48.0
105	21.8	1.3	41.3
51	29.3	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:	188	Resp:	370673
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.4	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 38.003 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

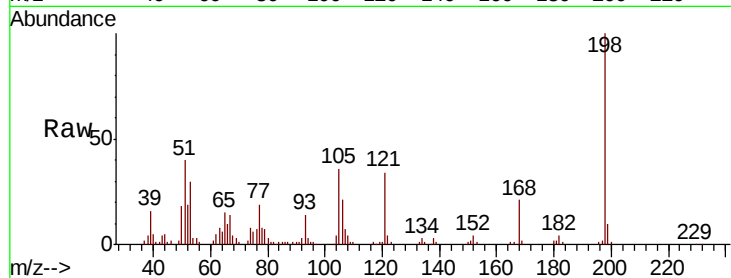
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 69732

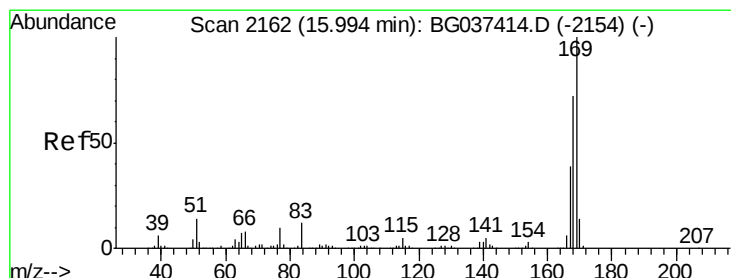
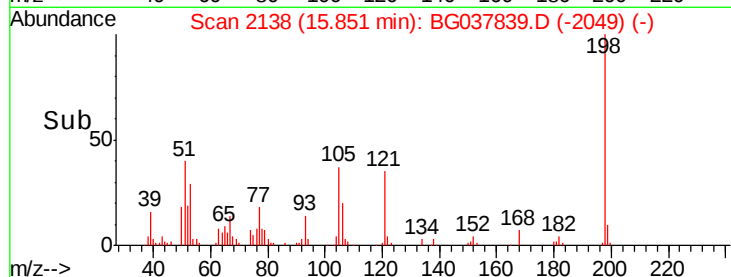
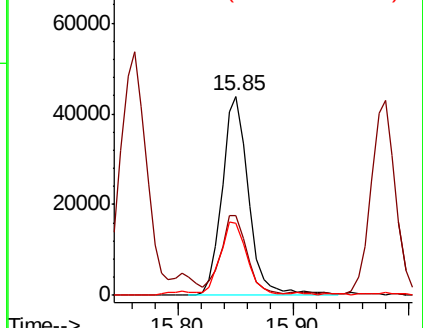
Ion	Ratio	Lower	Upper
198	100		
51	39.9	22.7	62.7
105	36.0	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037839.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.763 ng

RT: 15.98 min Scan# 2160

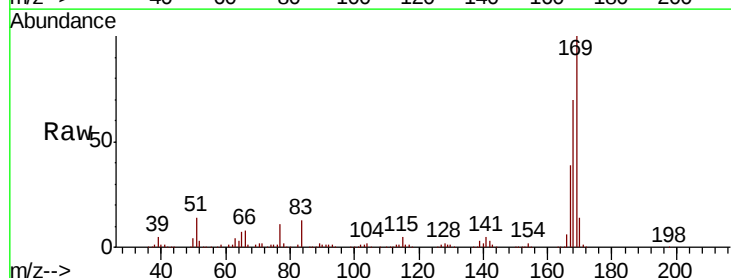
Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Tgt Ion:169 Resp: 454503

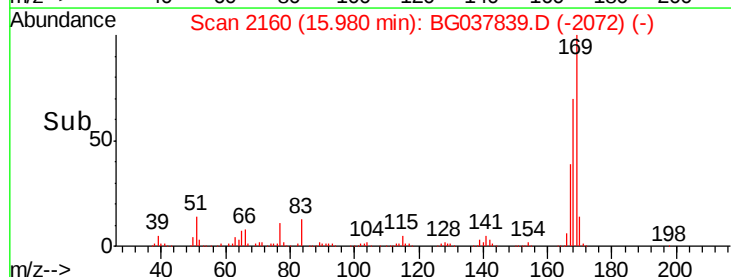
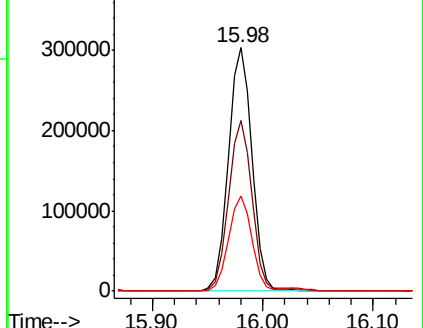
Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.7	83.5
167	38.8	31.3	46.9

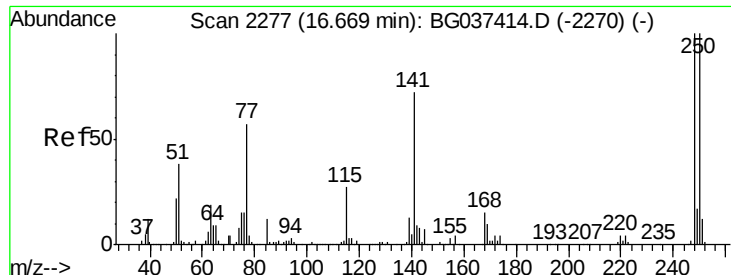


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

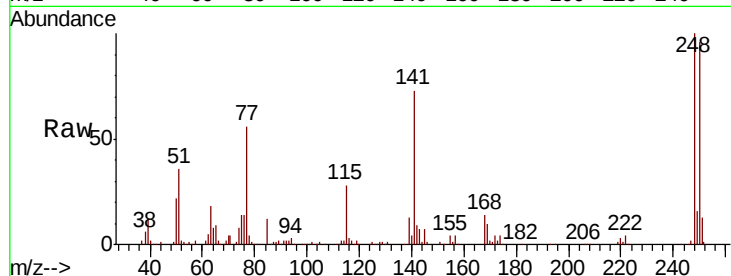




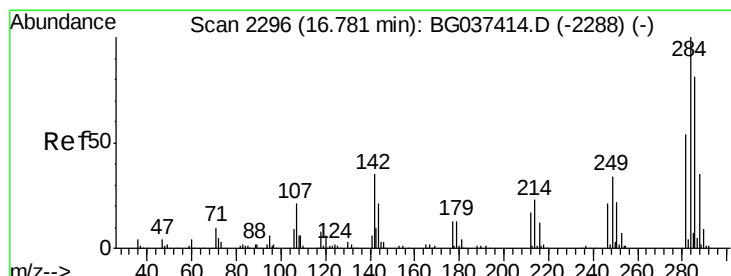
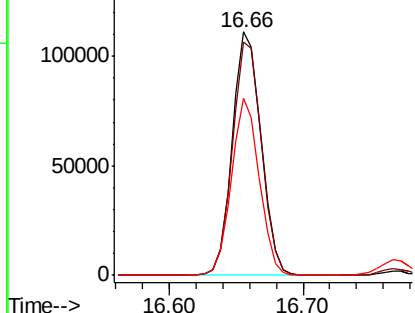
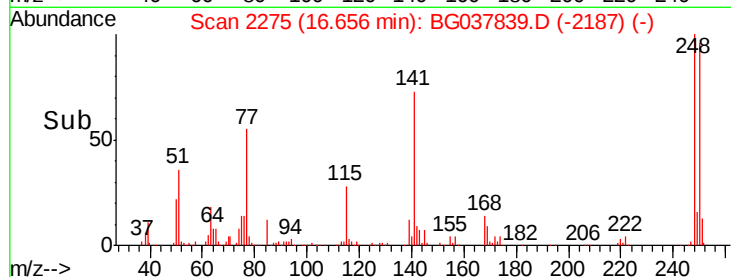
#67
 4-Bromophenyl-phenylether
 Concen: 40.922 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 166577
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.0 115.6
 141 72.7 55.5 83.3

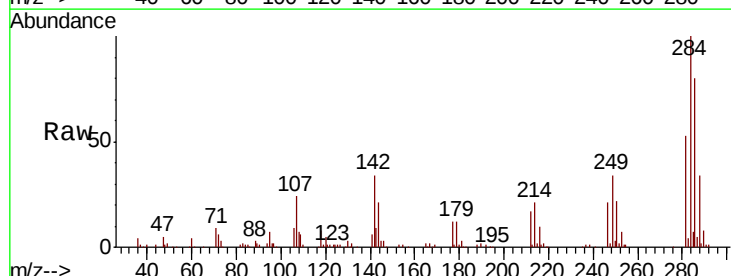


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

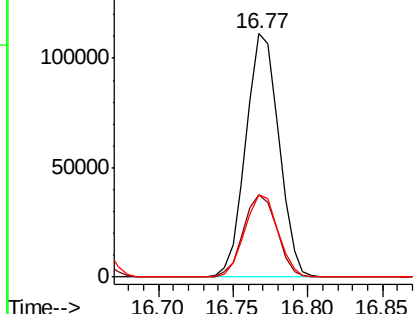
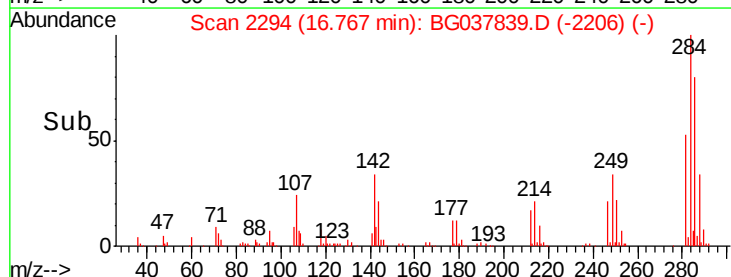


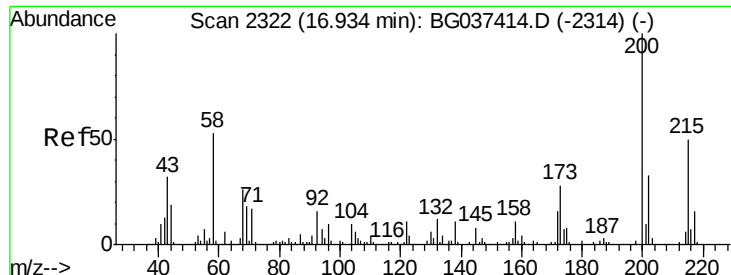
#68
 Hexachlorobenzene
 Concen: 40.455 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion:284 Resp: 170673
 Ion Ratio Lower Upper
 284 100
 142 33.6 28.1 42.1
 249 36.2 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 150000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

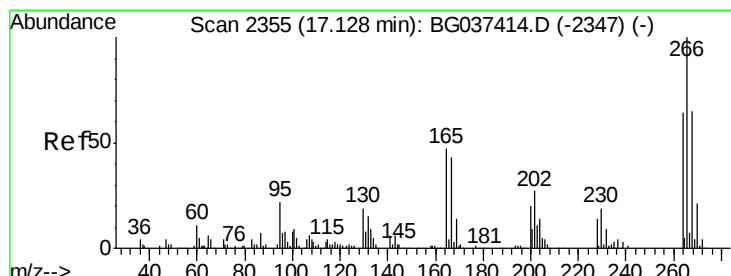
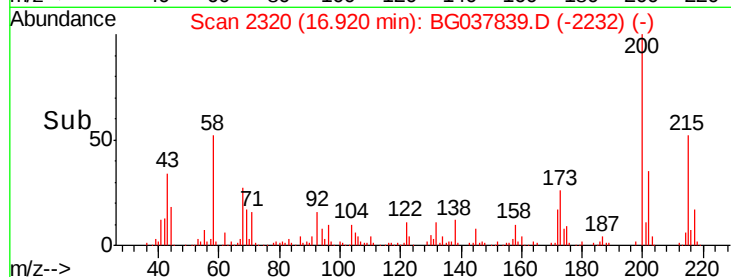
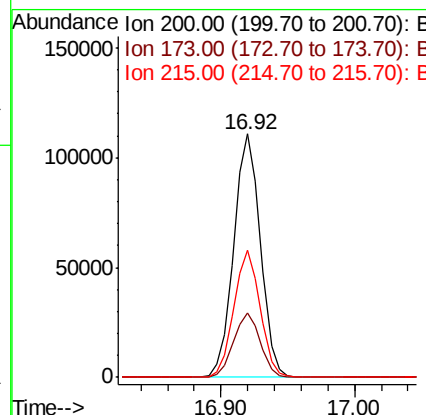
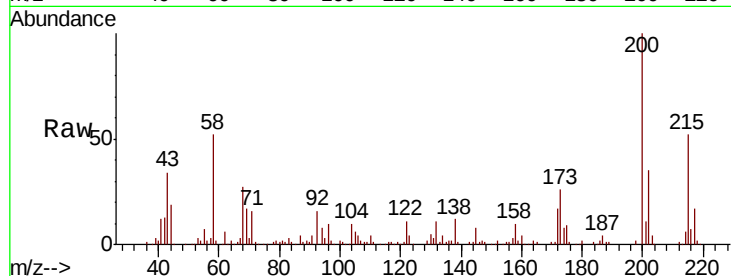




#69
 Atrazine
 Concen: 38.338 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

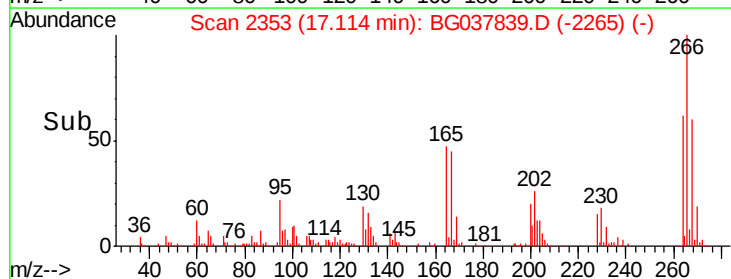
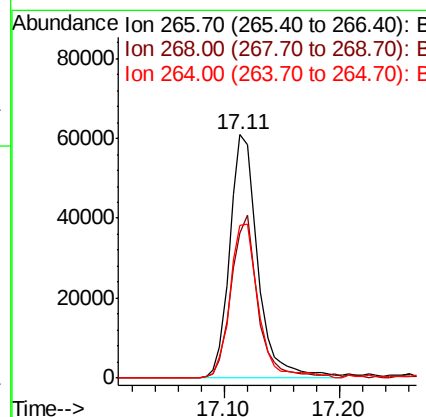
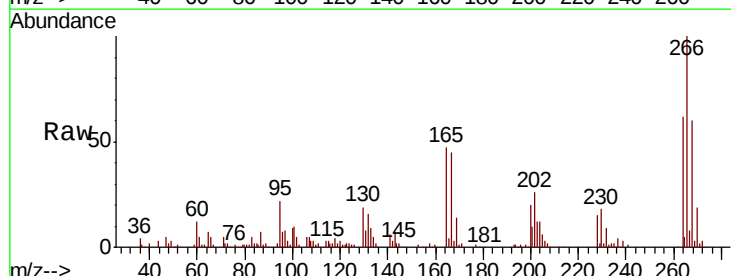
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.1	46.1
215	52.2	30.8	70.8



#70
 Pentachlorophenol
 Concen: 36.613 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG037839.D
 Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	55.0	82.6
264	67.5	58.9	88.3

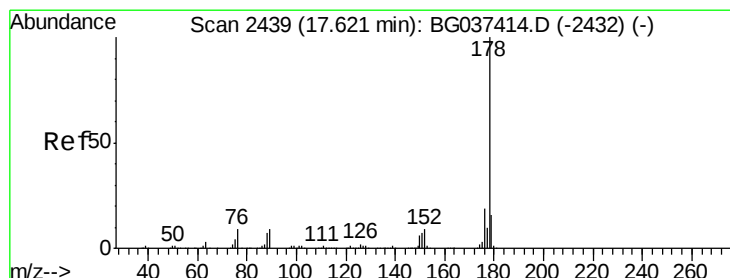
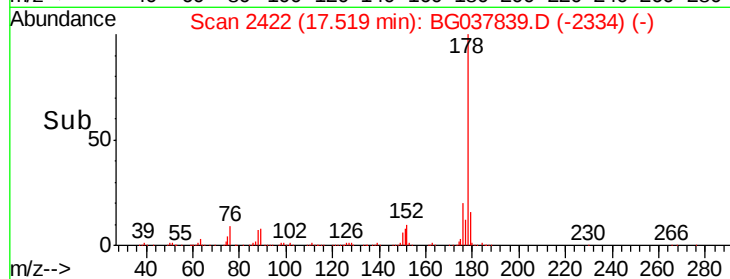
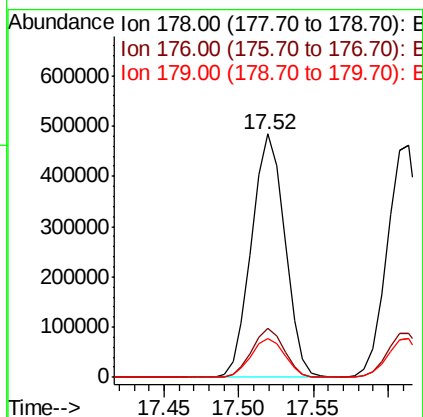
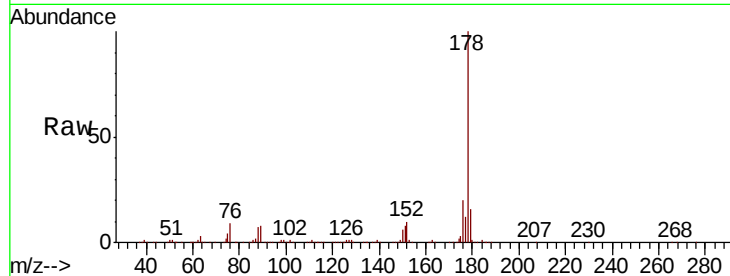




#71
Phenanthrene
Concen: 39.820 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

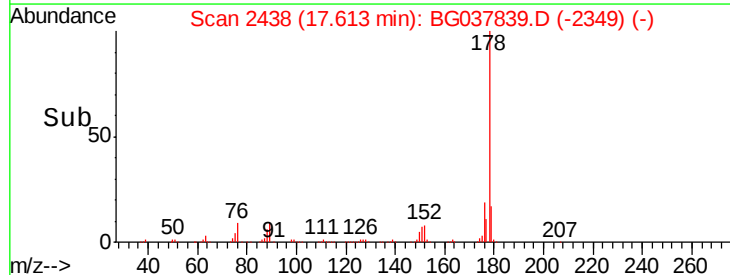
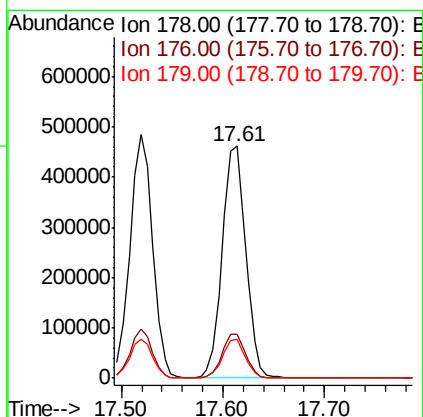
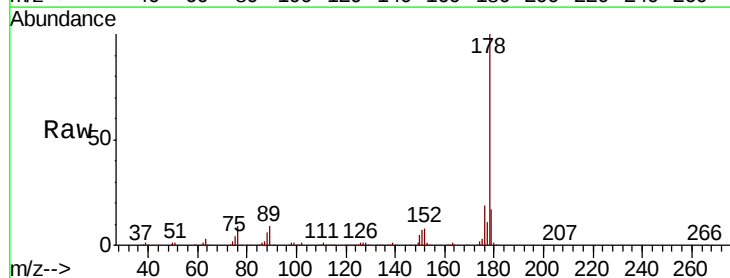
Instrument :
BNA_G
ClientSampleId :

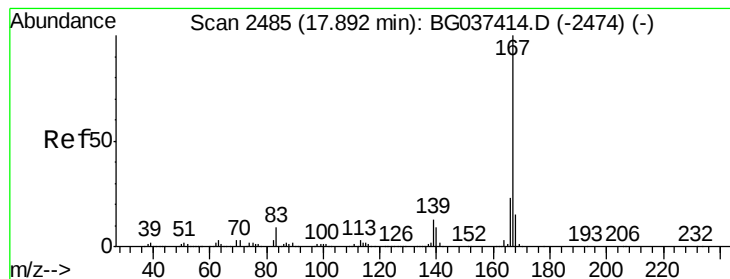
Tot Ion:178 Resp: 750169
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.0 13.0 19.4



#72
Anthracene
Concen: 40.347 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:178 Resp: 745913
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 16.6 12.8 19.2





#73

Carbazole

Concen: 40.123 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

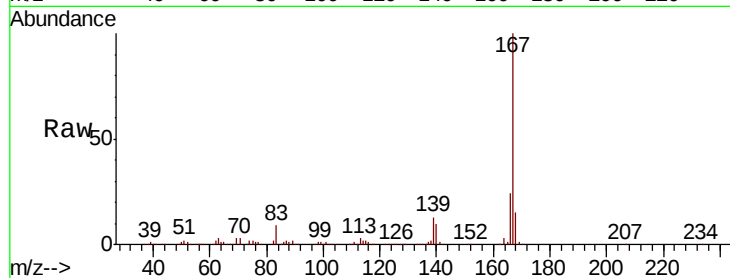
Tot Ion:167 Resp: 741999

Ion Ratio Lower Upper

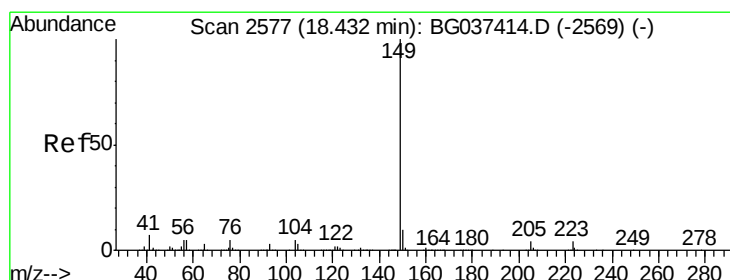
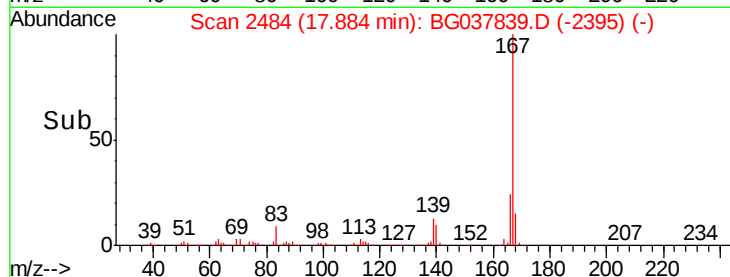
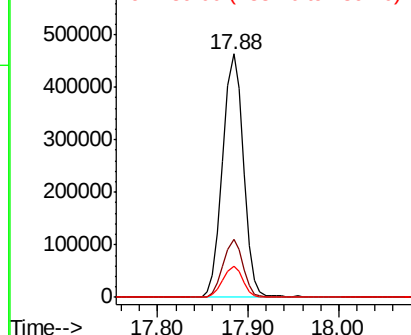
167 100

166 23.7 18.3 27.5

139 12.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.067 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

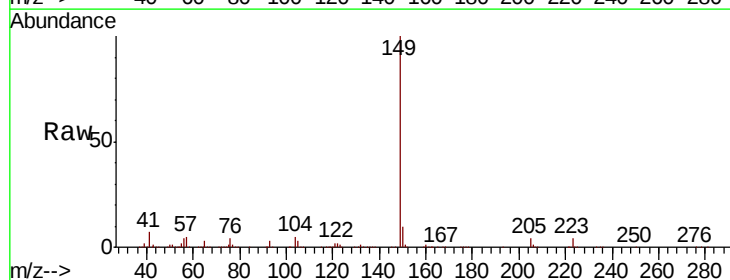
Tgt Ion:149 Resp: 844828

Ion Ratio Lower Upper

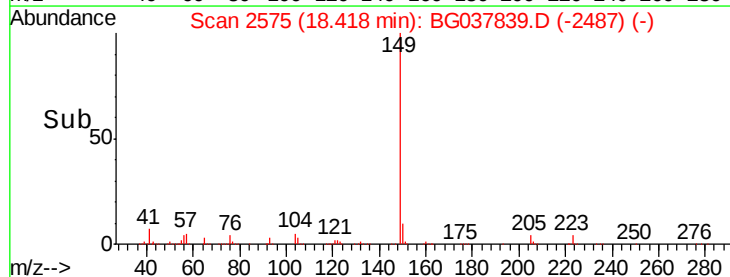
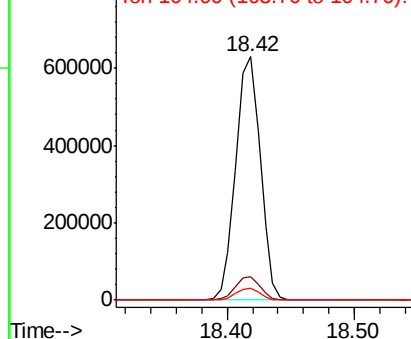
149 100

150 9.7 8.2 12.2

104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.729 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

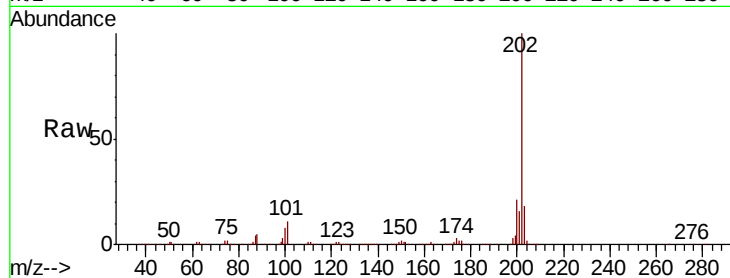
Tot Ion:202 Resp: 848873

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

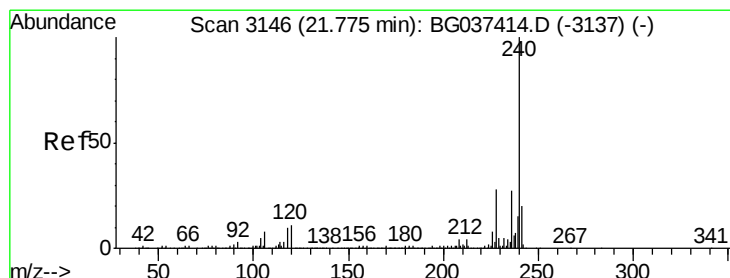
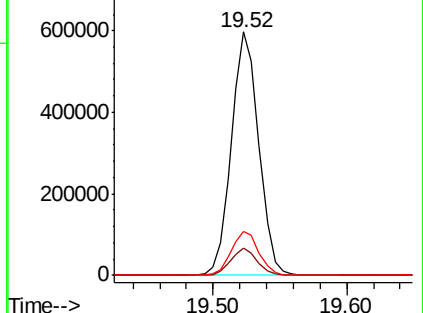
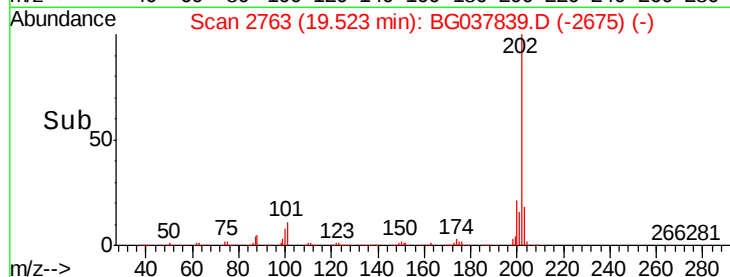
203 18.1 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

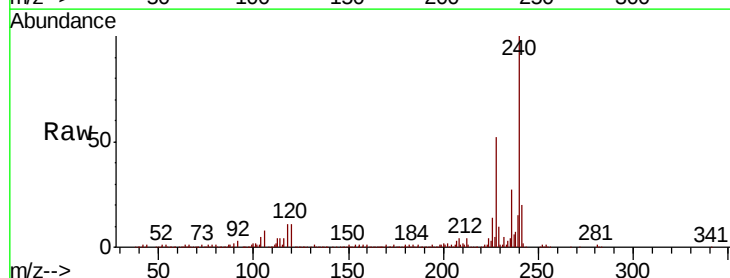
Tgt Ion:240 Resp: 335268

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

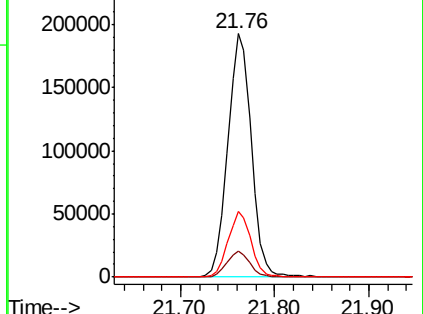
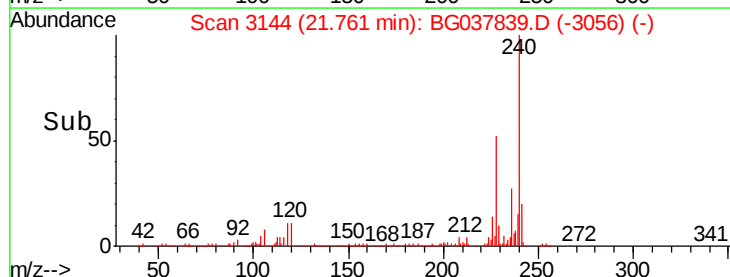
236 26.7 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.043 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

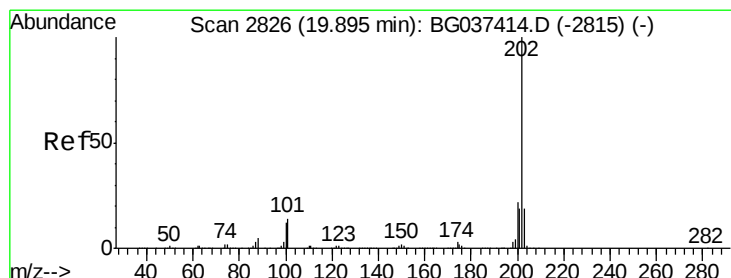
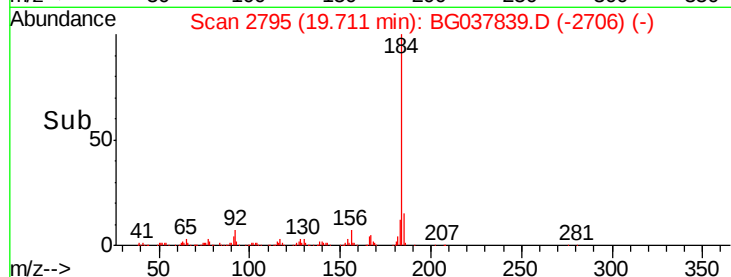
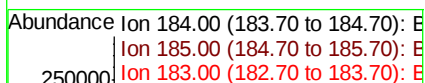
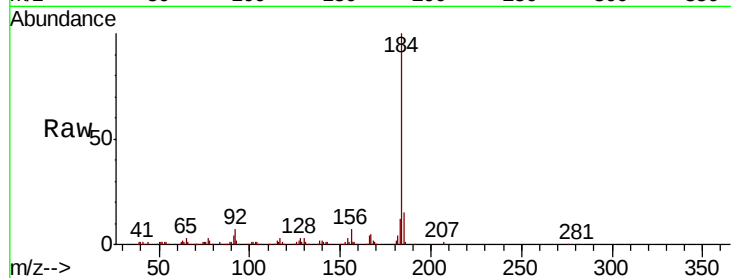
Tot Ion:184 Resp: 353893

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 12.4 10.2 15.2



#78

Pyrene

Concen: 39.764 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

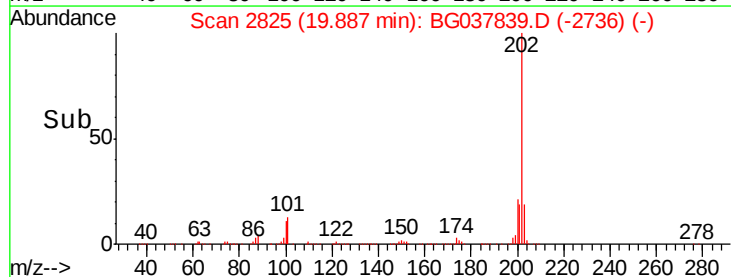
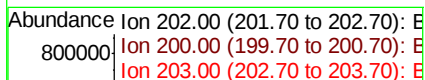
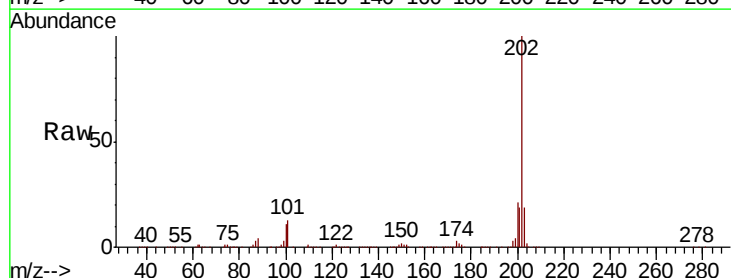
Tgt Ion:202 Resp: 871502

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

203 18.9 15.2 22.8





#79

Terphenyl-d14

Concen: 79.951 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampleId :

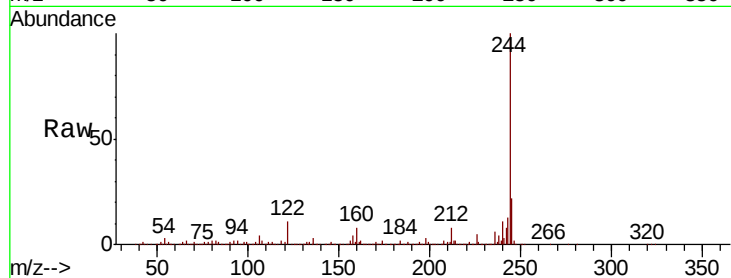
Tot Ion:244 Resp: 1254463

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

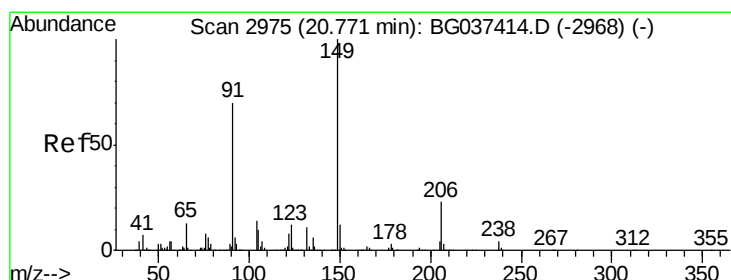
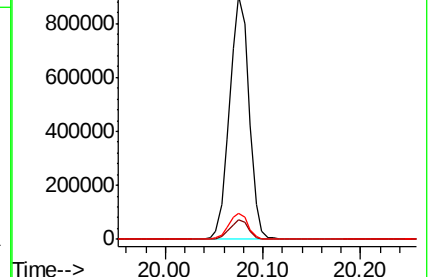
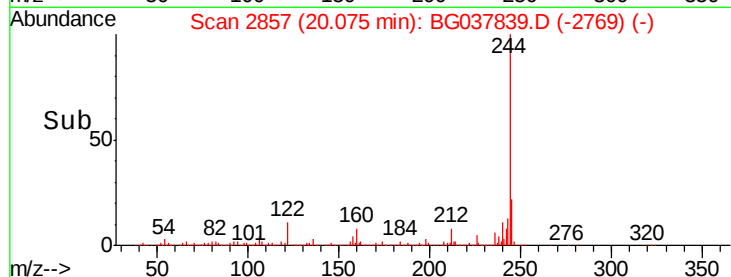
122 10.6 9.0 13.4



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: 41.981 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

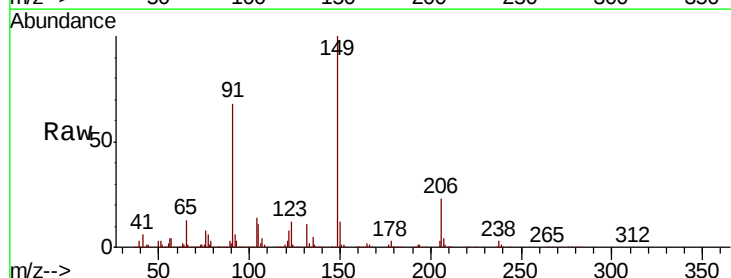
Tgt Ion:149 Resp: 376558

Ion Ratio Lower Upper

149 100

91 68.1 57.0 85.4

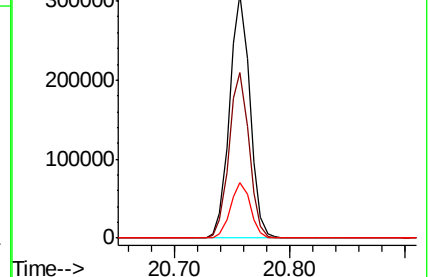
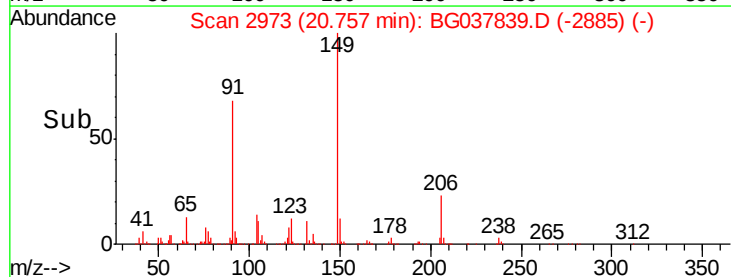
206 22.6 17.8 26.6



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

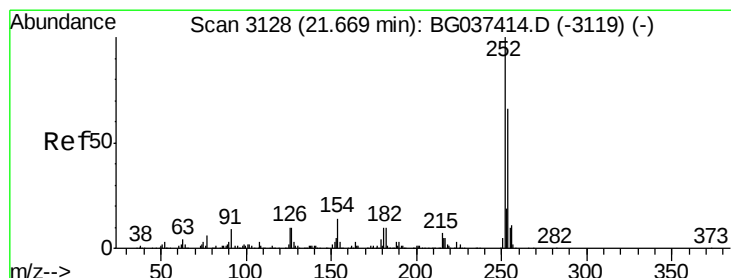
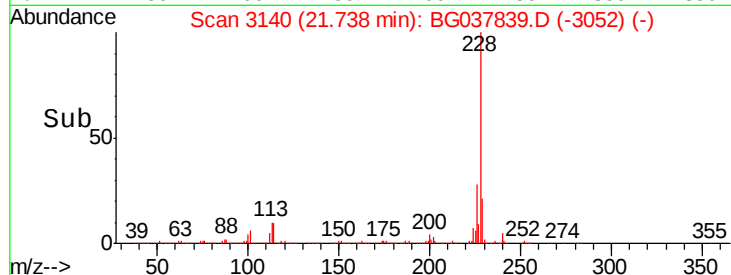
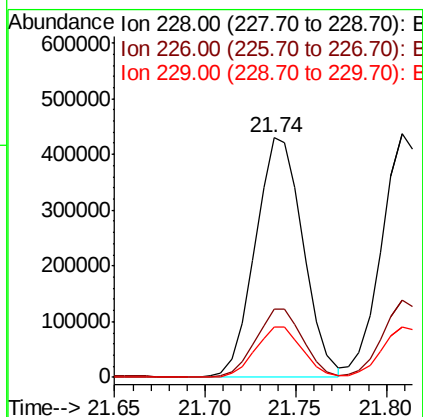
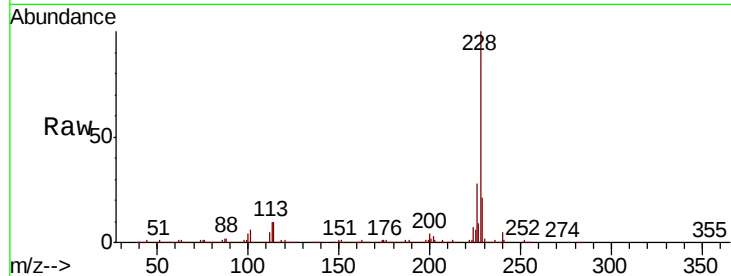




#81
Benzo(a)anthracene
Concen: 39.940 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

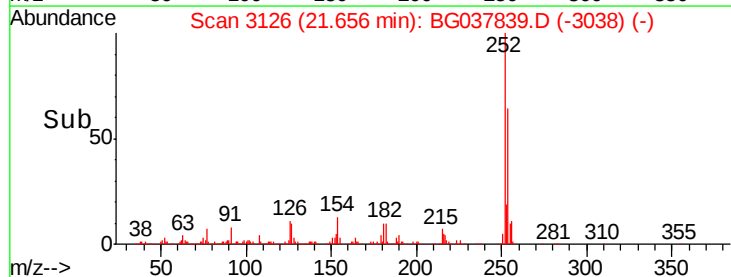
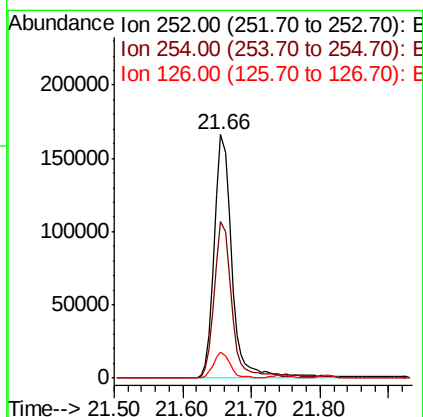
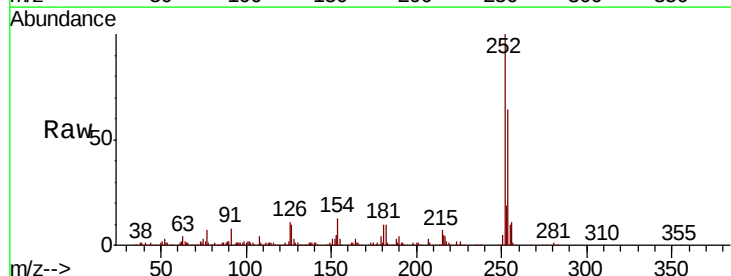
Instrument :
BNA_G
ClientSampled :

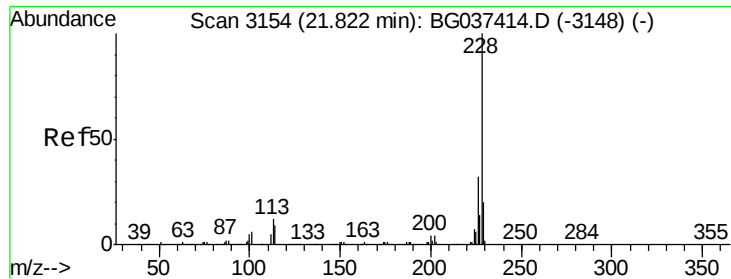
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.0	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 38.881 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.0	78.0
126	10.9	8.2	12.4





#83

Chrysene

Concen: 39.996 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampled :

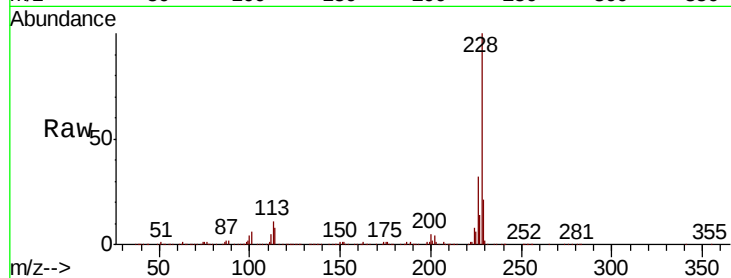
Tot Ion:228 Resp: 762681

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

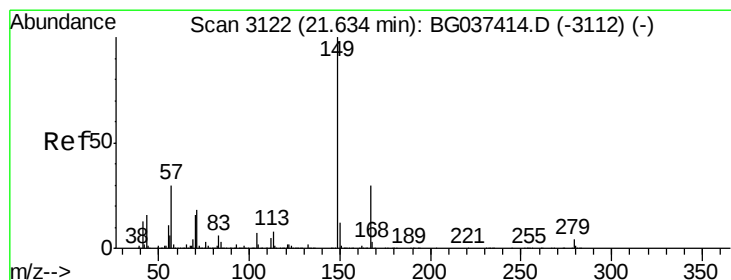
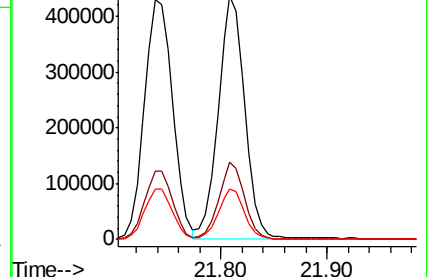
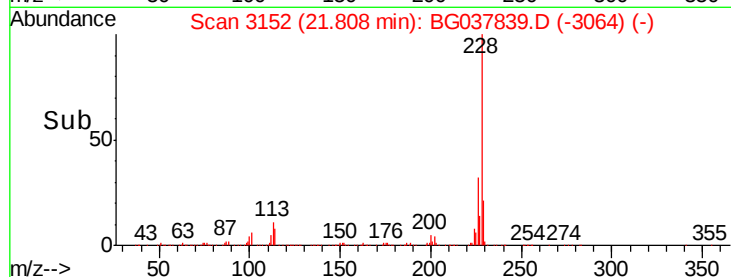
229 20.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.189 ng

RT: 21.61 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

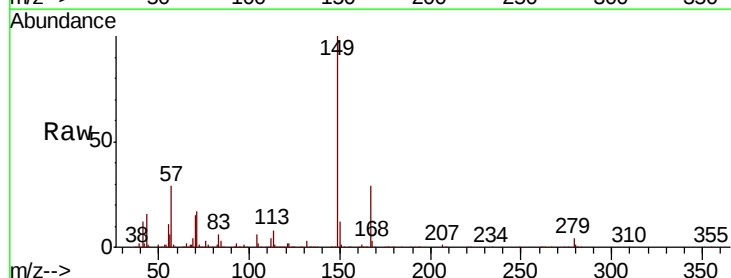
Tgt Ion:149 Resp: 530436

Ion Ratio Lower Upper

149 100

167 29.5 23.0 34.4

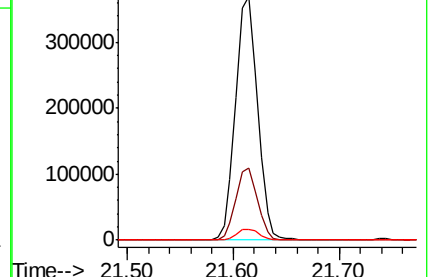
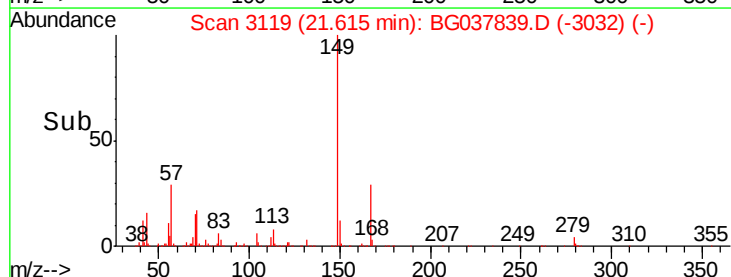
279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

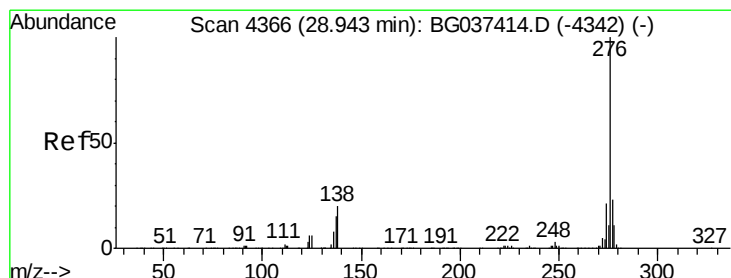
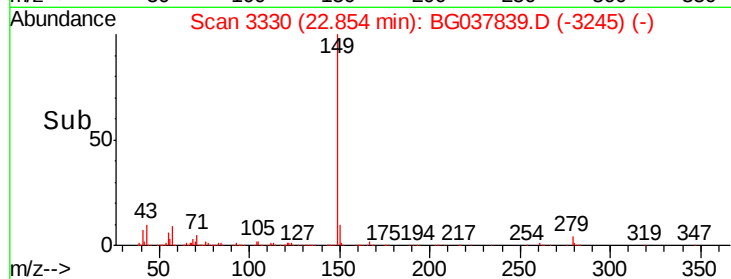
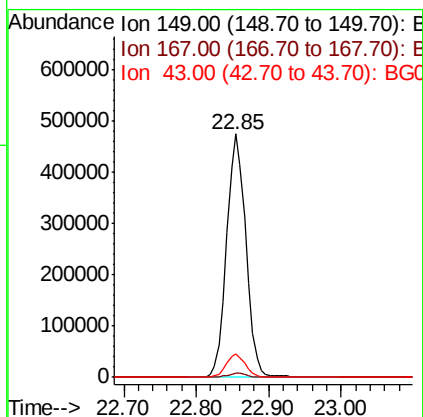
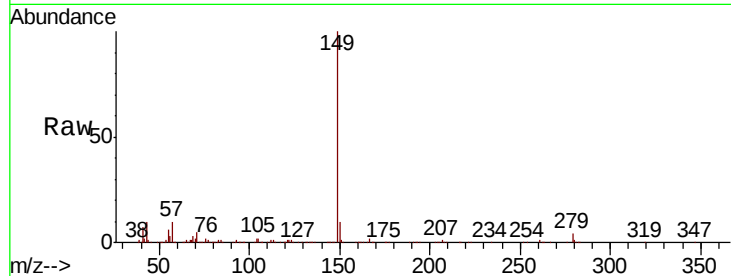




#85
Di-n-octyl phthalate
Concen: 42.611 ng
RT: 22.85 min Scan# 3330
Delta R.T. -0.03 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

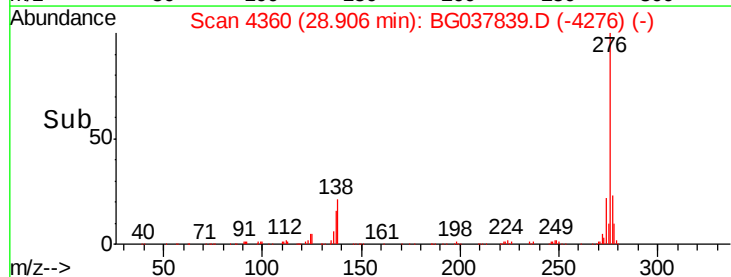
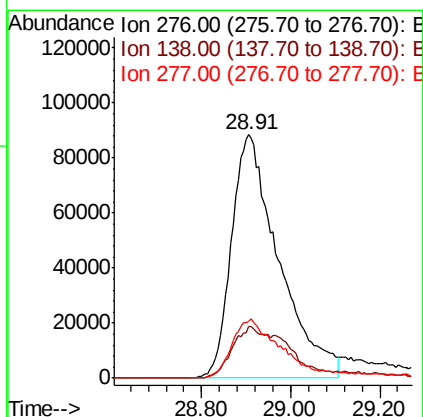
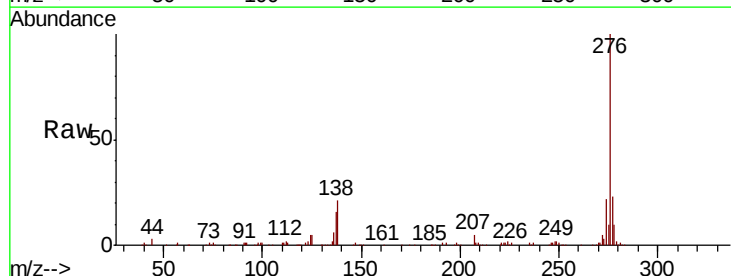
Instrument :
BNA_G
ClientSampleId :

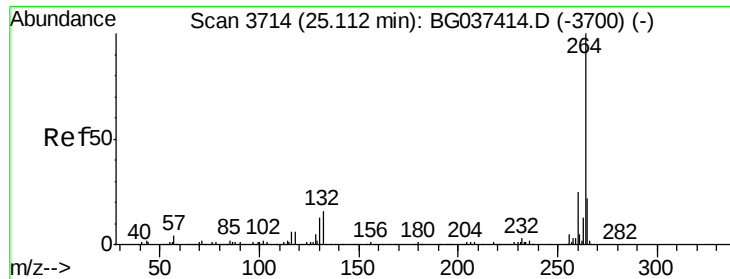
Tot Ion:149 Resp: 873631
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.869 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.04 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:276 Resp: 651802
Ion Ratio Lower Upper
276 100
138 15.1 12.0 18.0
277 25.6 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

Instrument :

BNA_G

ClientSampled :

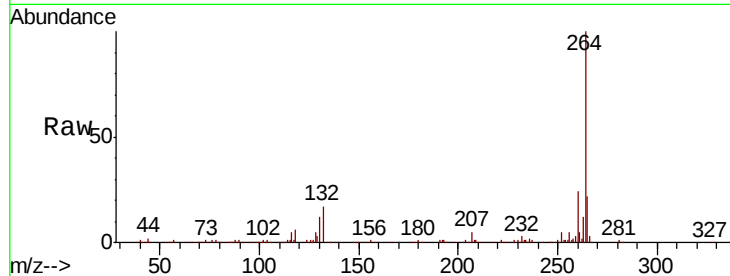
Tot Ion:264 Resp: 337264

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

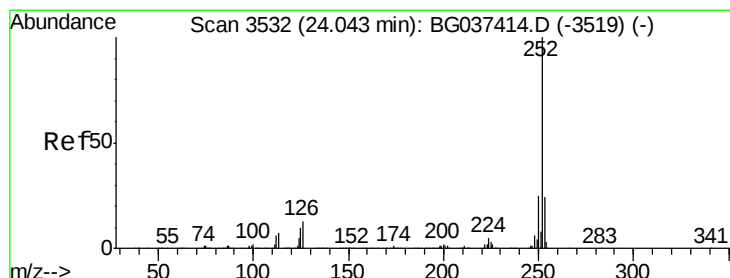
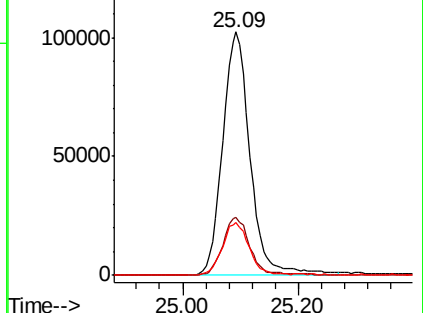
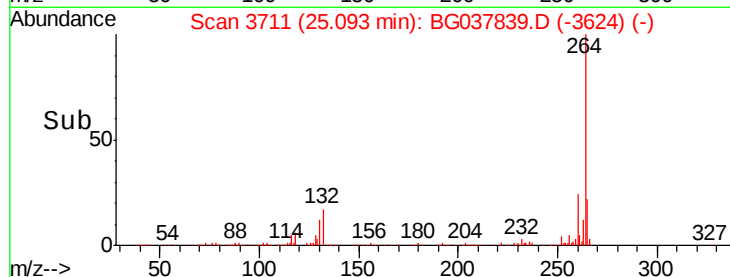
265 21.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.181 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG037839.D

Acq: 6 Nov 2018 15:28

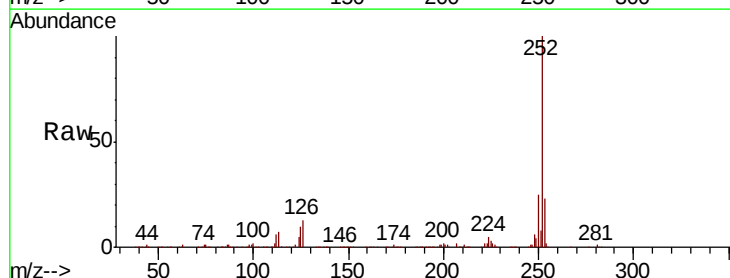
Tgt Ion:252 Resp: 724462

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

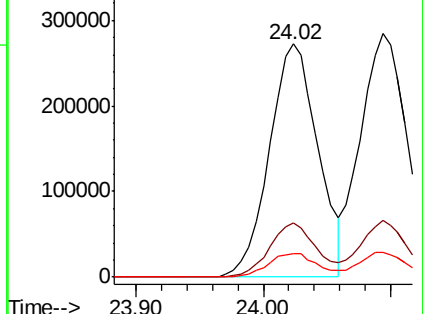
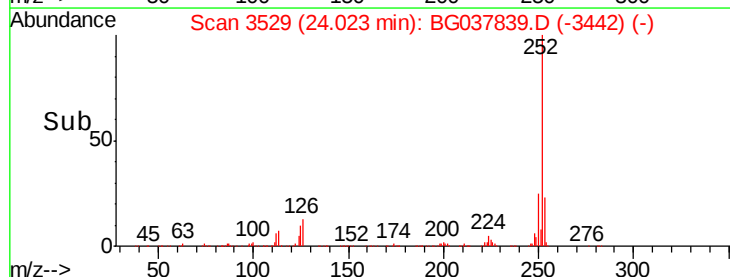
125 10.1 7.8 11.6

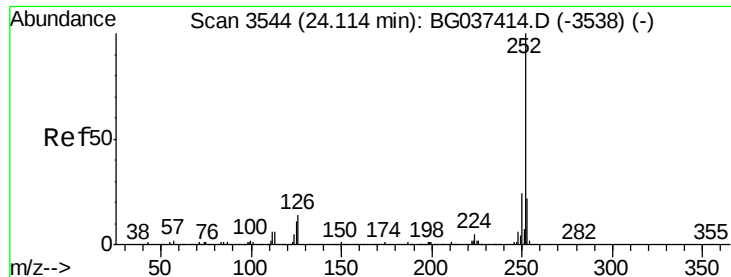


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

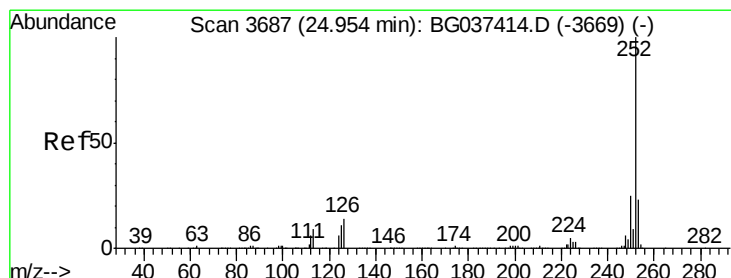
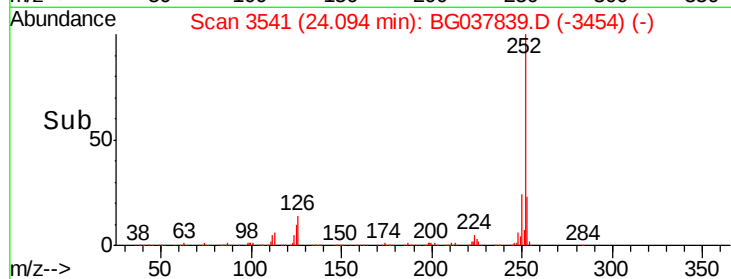
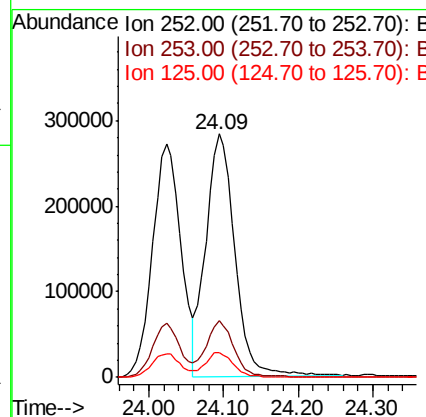
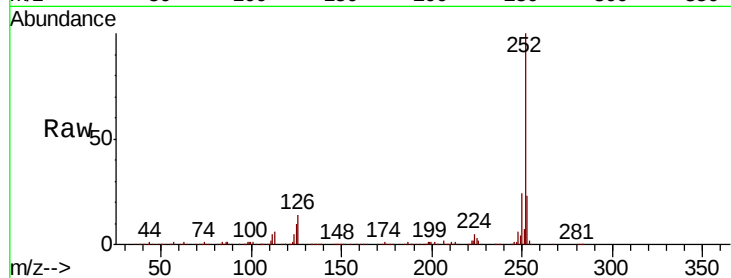




#89
Benzo(k)fluoranthene
Concen: 41.974 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

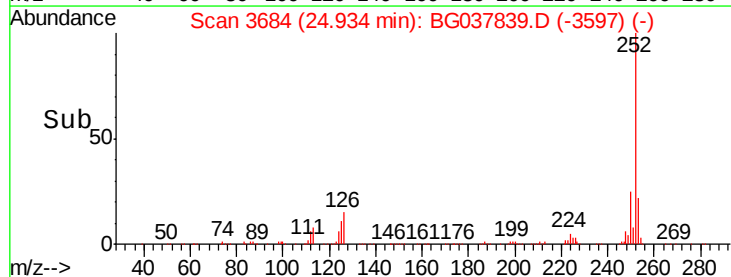
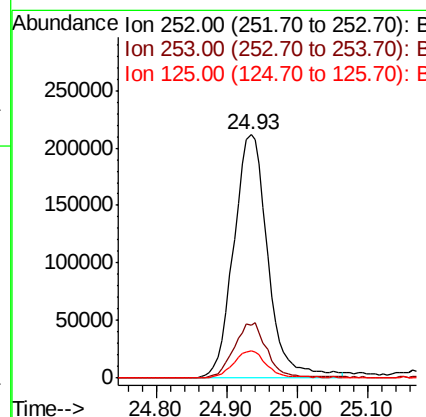
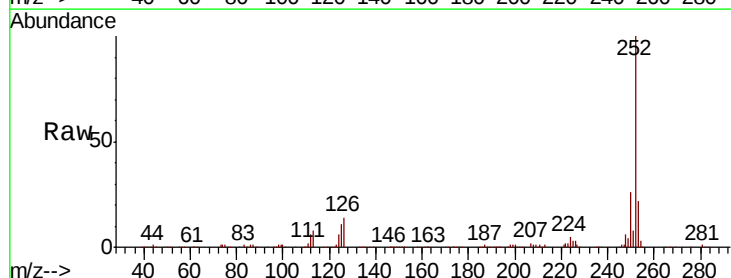
Instrument :
BNA_G
ClientSampleId :

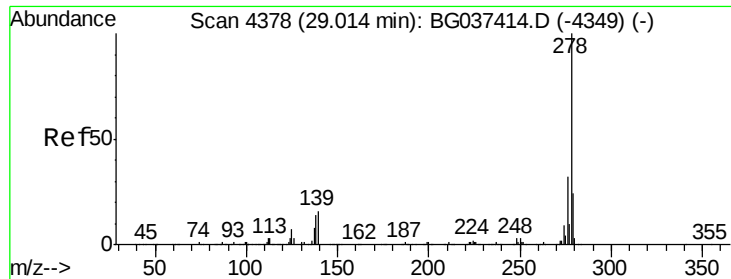
Tot Ion:252 Resp: 760366
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 10.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.290 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion:252 Resp: 707886
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.2 9.0 13.6

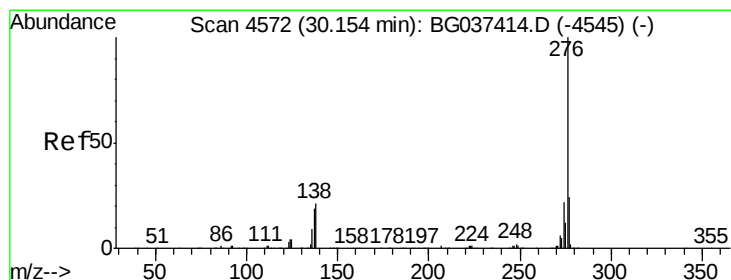
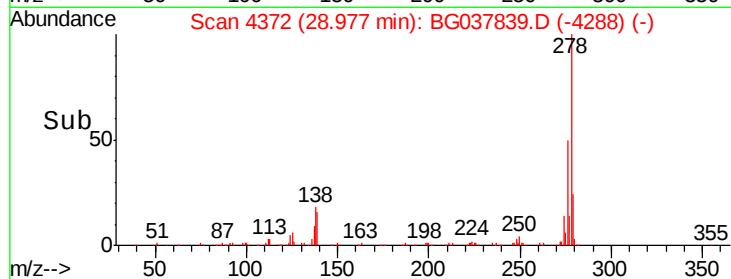
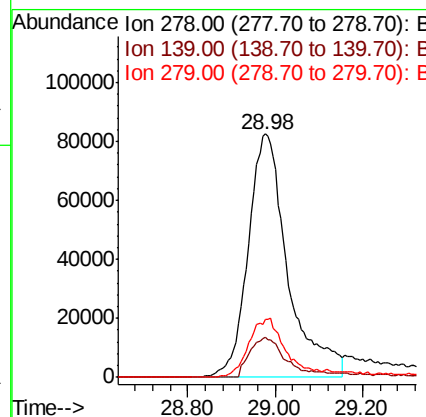
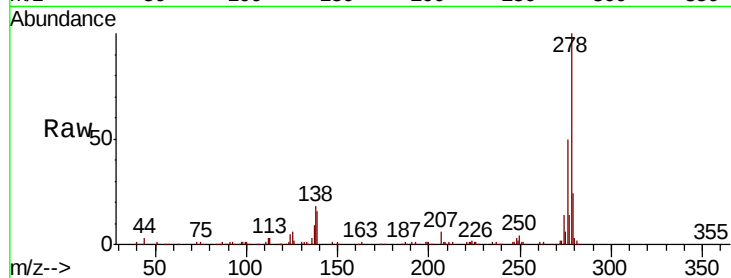




#91
Dibenzo(a,h)anthracene
Concen: 31.496 ng
RT: 28.98 min Scan# 4372
Delta R.T. -0.04 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	23.7	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 33.795 ng
RT: 30.11 min Scan# 4565
Delta R.T. -0.04 min
Lab File: BG037839.D
Acq: 6 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.8	17.2	25.8

