

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037592.D
 Acq On : 26 Oct 2018 22:25
 Operator : JU/SJ
 Sample : PB114161BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Quant Time: Oct 27 03:41:01 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	50217	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	235768	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	159453	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	386566	20.00	ng	0.00
76) Chrysene-d12	21.77	240	342585	20.00	ng	0.00
87) Perylene-d12	25.10	264	358562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	430680	143.38	ng	0.00
7) Phenol-d6	7.25	99	604960	133.19	ng	0.00
23) Nitrobenzene-d5	9.28	82	309456	73.53	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	222167	127.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	773843	73.18	ng	0.00
79) Terphenyl-d14	20.08	244	967681	60.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	46578	30.578	ng	98
3) Pyridine	3.93	79	134695	35.084	ng	93
4) n-Nitrosodimethylamine	3.85	42	60346	44.129	ng	93
6) Aniline	7.43	93	175831	31.734	ng	96
8) 2-Chlorophenol	7.66	128	152442	43.383	ng	99
9) Benzaldehyde	7.24	77	73541	25.884	ng	99
10) Phenol	7.28	94	206586	43.109	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	137655	37.821	ng	94
12) 1,3-Dichlorobenzene	7.99	146	147368	37.672	ng	99
13) 1,4-Dichlorobenzene	8.14	146	151165	37.777	ng	99
14) 1,2-Dichlorobenzene	8.46	146	145602	37.827	ng	99
15) Benzyl Alcohol	8.34	79	138087	41.146	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	254582	39.091	ng	98
17) 2-Methylphenol	8.53	107	140146	44.235	ng	97
18) Hexachloroethane	9.19	117	53807	39.443	ng	91
19) n-Nitroso-di-n-propylamine	8.90	70	116265	37.174	ng	95
20) 3+4-Methylphenols	8.86	107	193279	42.669	ng	98
22) Acetophenone	8.93	105	222876	37.693	ng	# 99
24) Nitrobenzene	9.32	77	170426	38.979	ng	95
25) Isophorone	9.84	82	334987	43.561	ng	98
26) 2-Nitrophenol	10.03	139	81361	41.307	ng	98
27) 2,4-Dimethylphenol	10.07	122	167585	47.653	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	204621	40.613	ng	98
29) 2,4-Dichlorophenol	10.56	162	163739	41.817	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	154822	36.359	ng	98
31) Naphthalene	10.98	128	475491	41.060	ng	99
32) Benzoic acid	10.20	122	106779	46.747	ng	95
33) 4-Chloroaniline	11.08	127	123188	22.640	ng	98
34) Hexachlorobutadiene	11.24	225	89891	35.619	ng	91
35) Caprolactam	11.87	113	63543	40.463	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	185181	41.935	ng	97
37) 2-Methylnaphthalene	12.57	142	361259	42.795	ng	99
38) 1-Methylnaphthalene	12.79	142	344604	42.035	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	183057	35.592	ng	98

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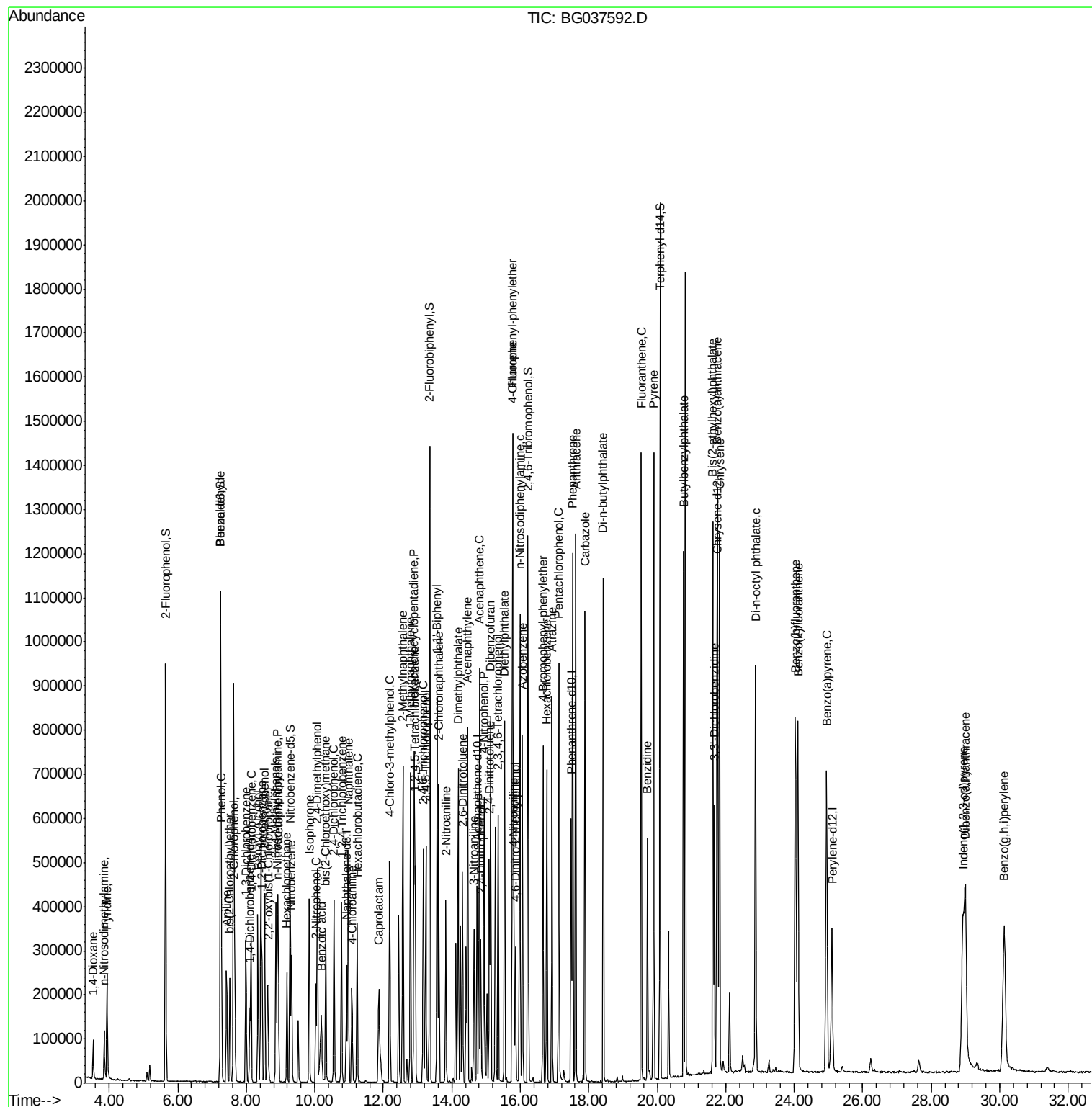
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	216380	88.074	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	141431	41.160	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	154605	41.326	ng	96
46) 1,1'-Biphenyl	13.57	154	478507	36.236	ng	100
47) 2-Chloronaphthalene	13.62	162	375312	37.567	ng	98
48) 2-Nitroaniline	13.83	65	125548	41.440	ng	96
49) Acenaphthylene	14.46	152	632439	42.083	ng	100
50) Dimethylphthalate	14.19	163	493639	40.018	ng	100
51) 2,6-Dinitrotoluene	14.32	165	112257	41.137	ng	96
52) Acenaphthene	14.80	154	363495	39.273	ng	99
53) 3-Nitroaniline	14.65	138	96546	31.869	ng	# 91
54) 2,4-Dinitrophenol	14.85	184	82743	72.711	ng	96
55) Dibenzofuran	15.13	168	593421	38.698	ng	99
56) 4-Nitrophenol	14.94	139	189985	84.725	ng	98
57) 2,4-Dinitrotoluene	15.10	165	157555	43.984	ng	97
58) Fluorene	15.78	166	484261	42.170	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135860	42.414	ng	99
60) Diethylphthalate	15.54	149	508920	40.185	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	248408	37.113	ng	99
62) 4-Nitroaniline	15.81	138	124876	41.484	ng	91
63) Azobenzene	16.06	77	484939	40.133	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	76666	39.603	ng	99
66) n-Nitrosodiphenylamine	15.99	169	440759	37.905	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	155841	36.711	ng	95
68) Hexachlorobenzene	16.78	284	160057	36.379	ng	98
69) Atrazine	16.93	200	166639	39.637	ng	100
70) Pentachlorophenol	17.12	266	191861	65.103	ng	95
71) Phenanthrene	17.52	178	796650	40.549	ng	100
72) Anthracene	17.62	178	810951	42.061	ng	98
73) Carbazole	17.89	167	738896	38.313	ng	100
74) Di-n-butylphthalate	18.42	149	883219	41.168	ng	100
75) Fluoranthene	19.53	202	927021	41.602	ng	100
77) Benzidine	19.71	184	356605	30.613	ng	99
78) Pyrene	19.89	202	912192	40.731	ng	100
80) Butylbenzylphthalate	20.77	149	396304	43.239	ng	94
81) Benzo(a)anthracene	21.75	228	853790	42.134	ng	100
82) 3,3'-Dichlorobenzidine	21.66	252	228542	29.098	ng	98
83) Chrysene	21.82	228	799239	41.018	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	549587	42.778	ng	98
85) Di-n-octyl phthalate	22.87	149	929599	44.373	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	863865	41.336	ng	99
88) Benzo(b)fluoranthene	24.03	252	838471	42.654	ng	99
89) Benzo(k)fluoranthene	24.10	252	808009	41.954	ng	98
90) Benzo(a)pyrene	24.94	252	804721	43.081	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	709414	41.172	ng	96
92) Benzo(g,h,i)perylene	30.13	276	723998	41.533	ng	97

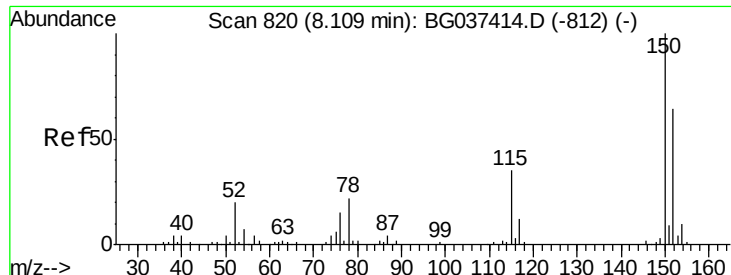
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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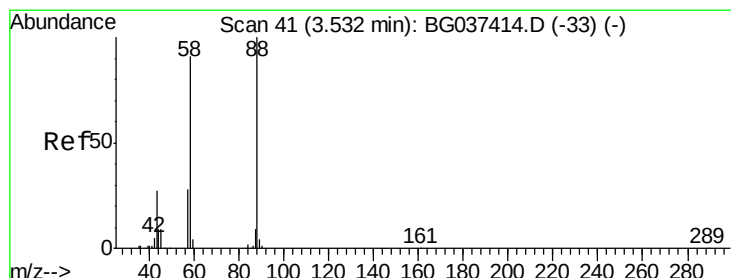
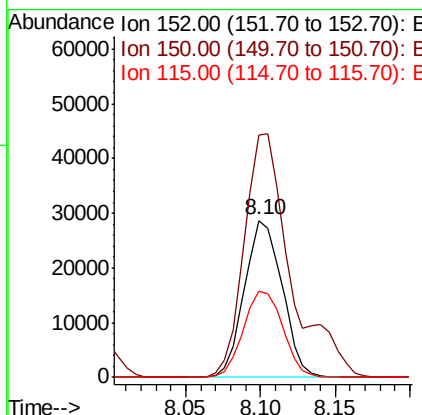
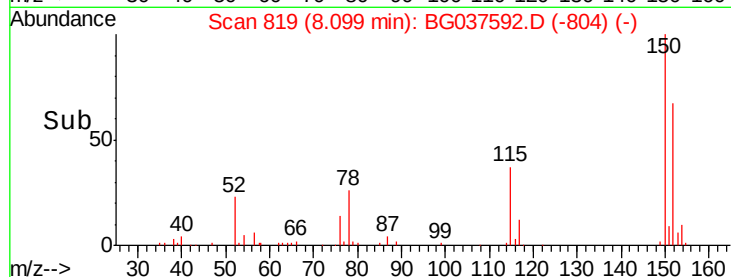
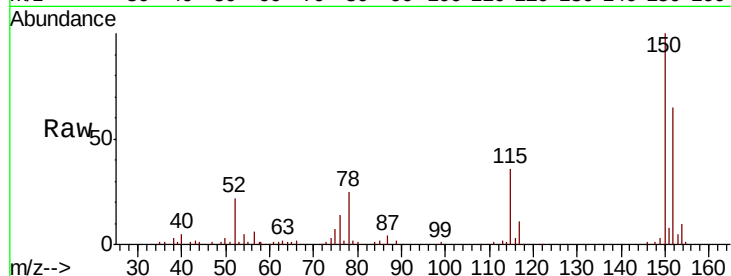


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

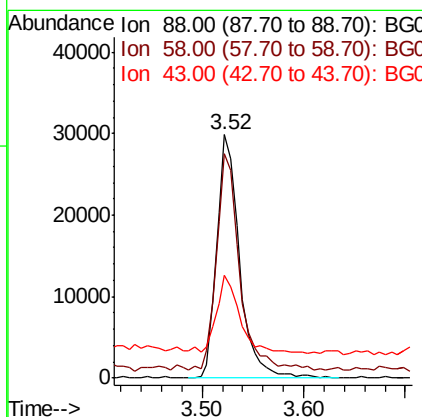
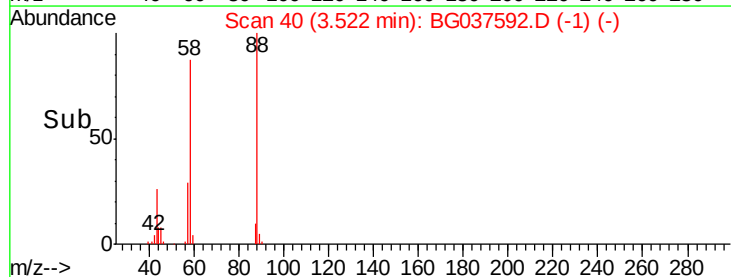
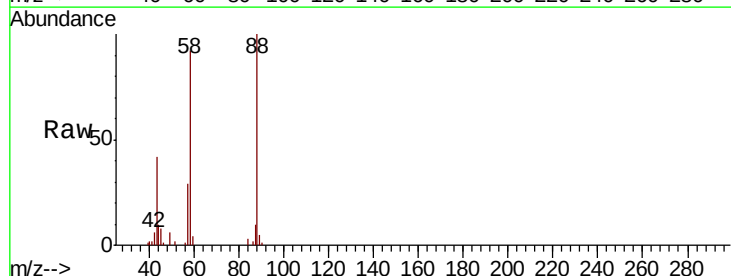
Tot Ion:152 Resp: 50217
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 55.2 45.5 68.3

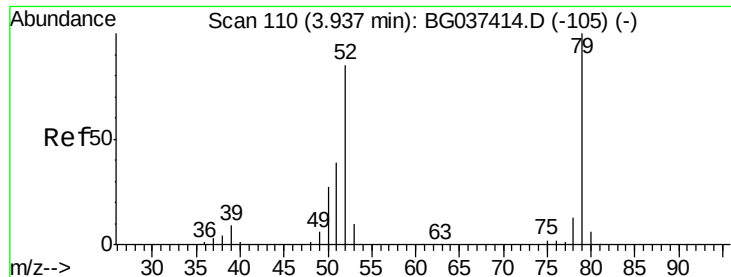


#2

1,4-Dioxane
Concen: 30.578 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion: 88 Resp: 46578
Ion Ratio Lower Upper
88 100
58 90.8 74.4 111.6
43 31.5 25.8 38.8





#3

Pvridine

Concen: 35.084 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

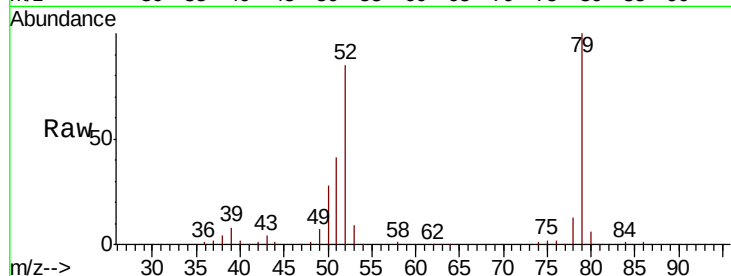
Tot Ion: 79 Resp: 134695

Ion Ratio Lower Upper

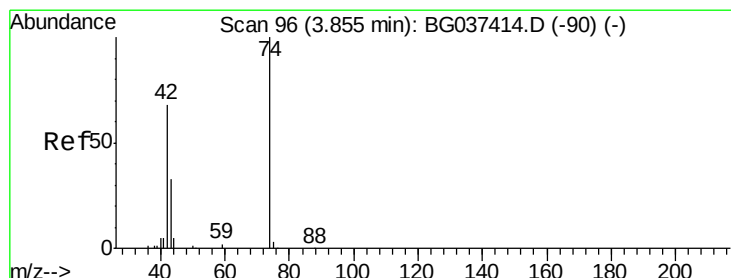
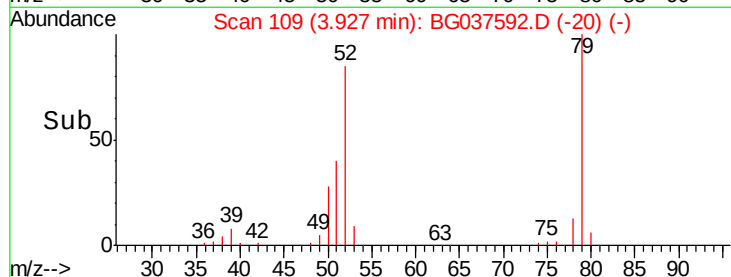
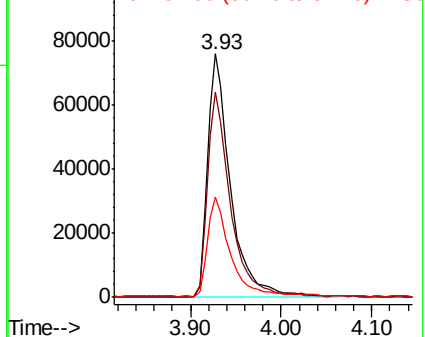
79 100

52 84.5 74.2 111.2

51 41.0 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 44.129 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

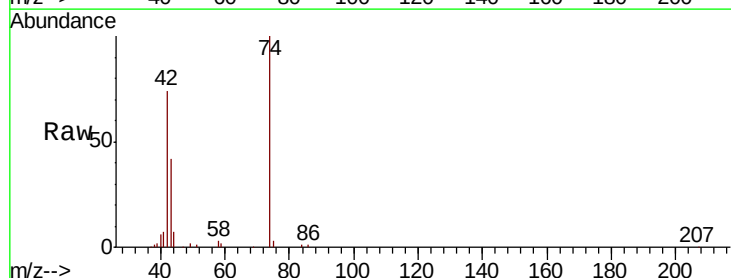
Tgt Ion: 42 Resp: 60346

Ion Ratio Lower Upper

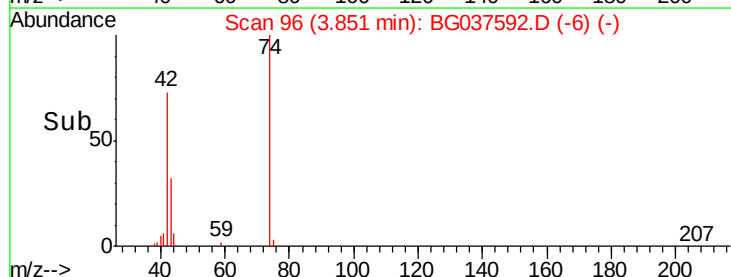
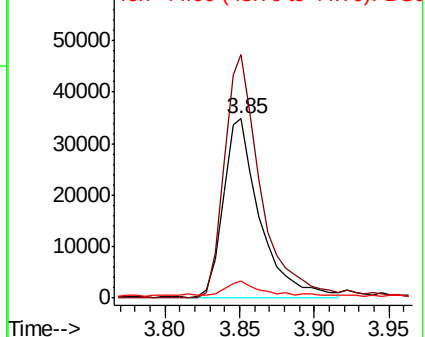
42 100

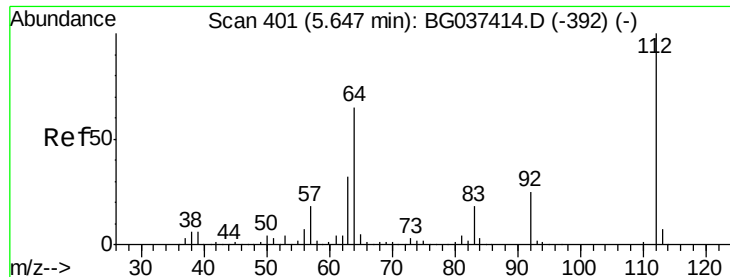
74 135.6 102.0 153.0

44 9.8 9.6 14.4



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





#5

2-Fluorophenol

Concen: 143.384 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037592.D

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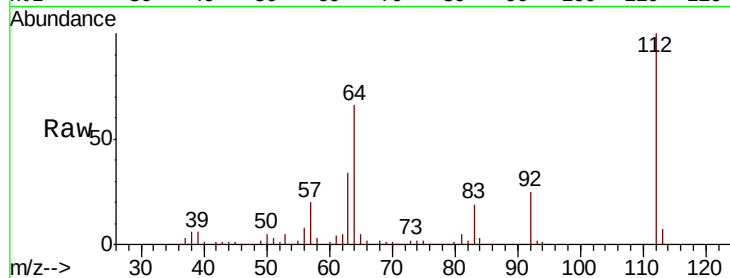
Tot Ion:112 Resp: 430680

Ion Ratio Lower Upper

112 100

64 66.3 53.1 79.7

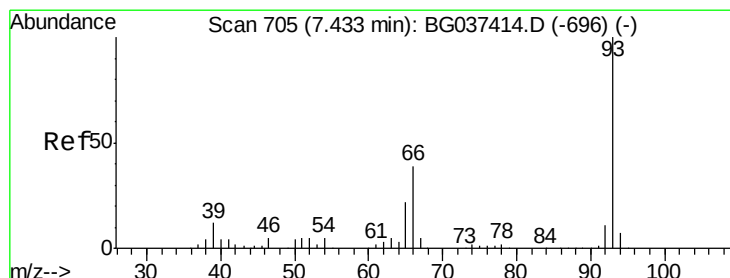
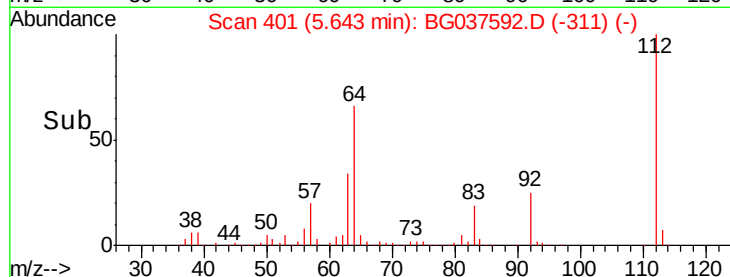
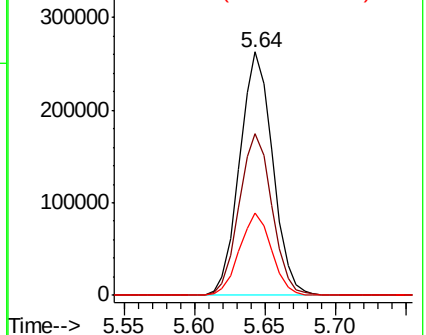
63 33.6 27.3 40.9



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: 31.734 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

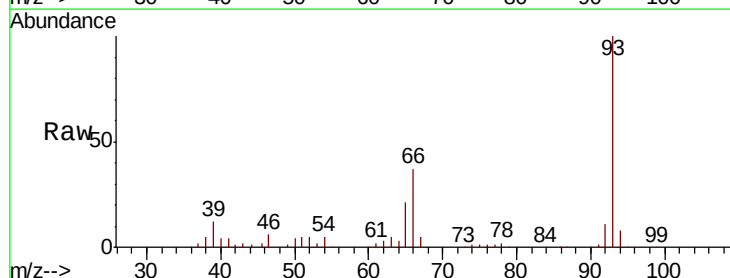
Tgt Ion: 93 Resp: 175831

Ion Ratio Lower Upper

93 100

66 37.0 32.8 49.2

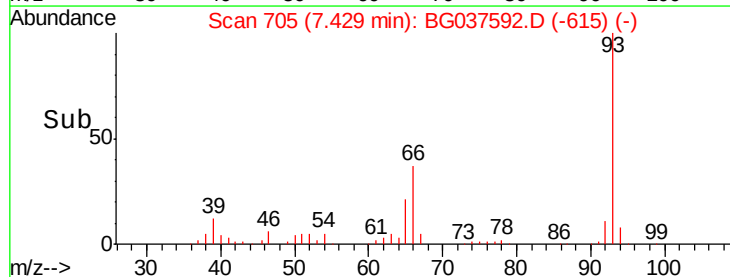
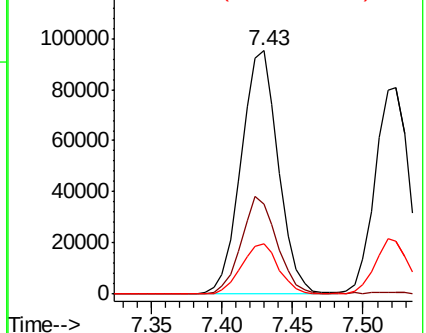
65 20.7 16.4 24.6

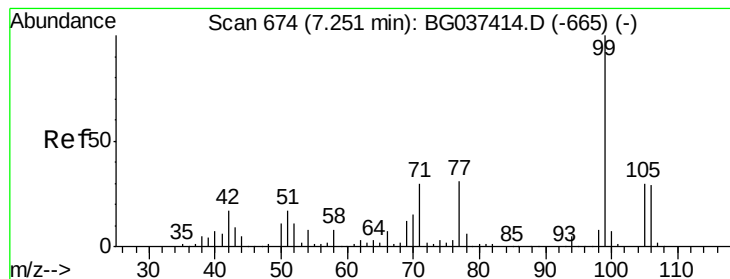


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.195 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037592.D

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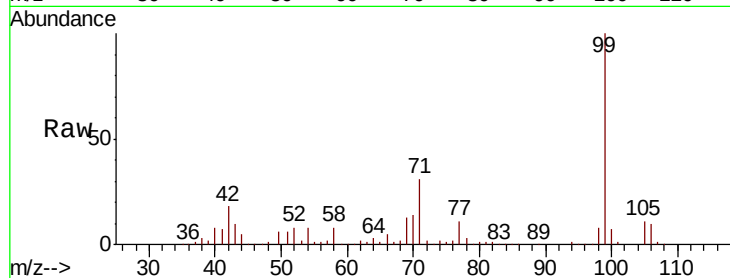
Tot Ion: 99 Resp: 604960

Ion Ratio Lower Upper

99 100

42 18.3 15.0 22.4

71 31.5 25.5 38.3

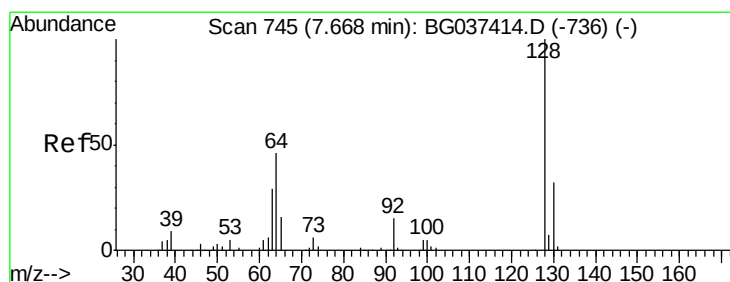
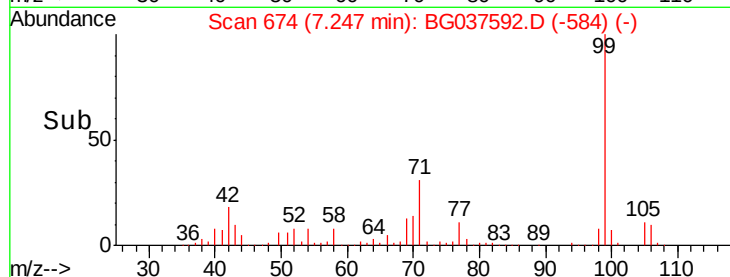
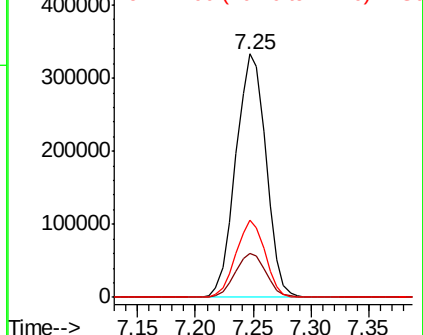


Abundance

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: 43.383 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

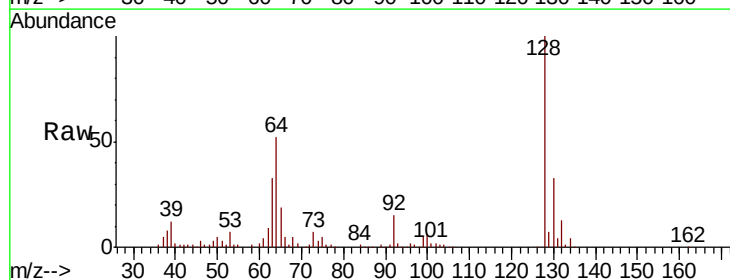
Tgt Ion: 128 Resp: 152442

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 52.0 32.9 72.9

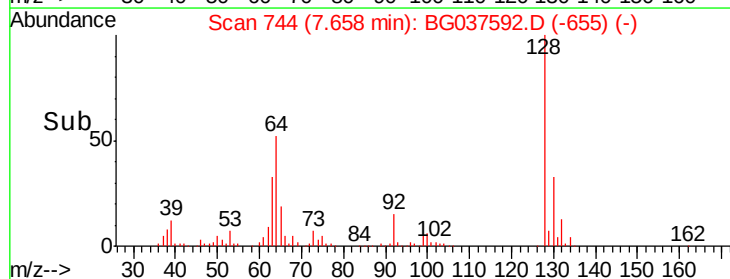
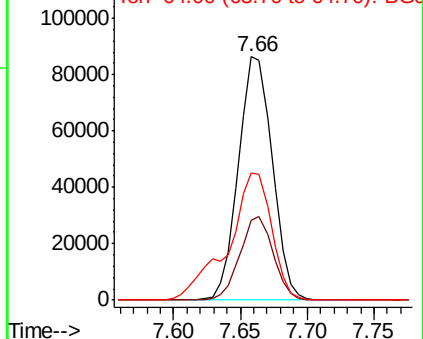


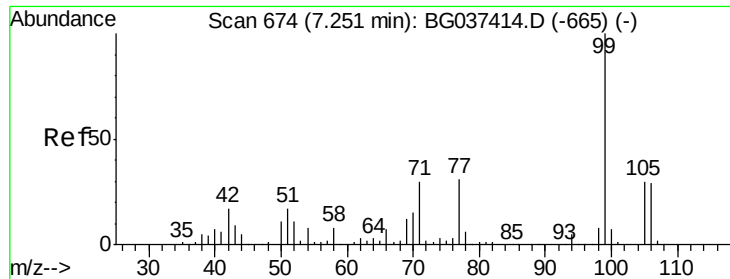
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.884 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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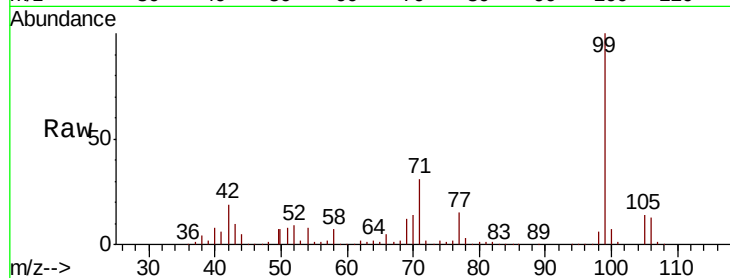
Tot Ion: 77 Resp: 73541

Ion Ratio Lower Upper

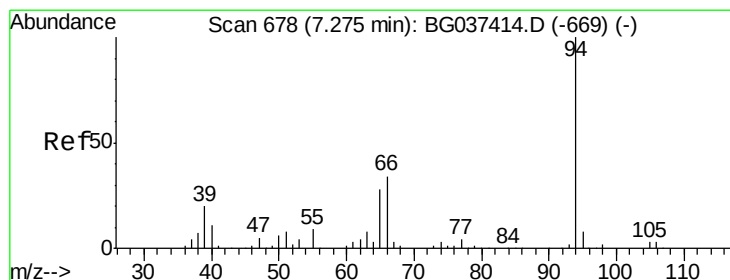
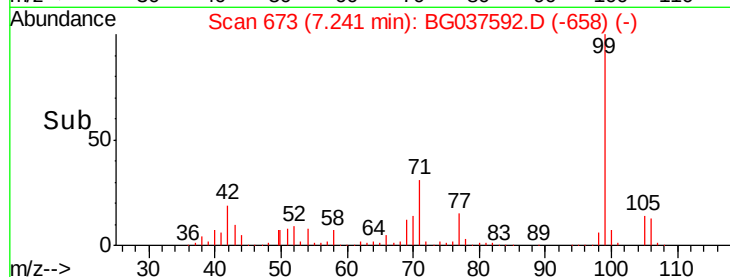
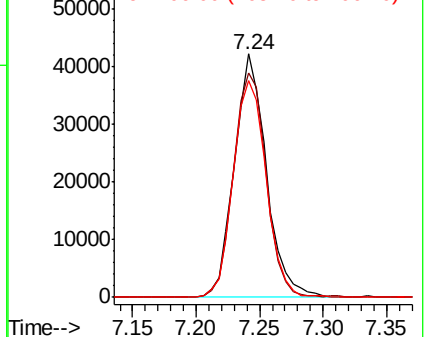
77 100

105 92.4 72.6 112.6

106 88.8 71.3 111.3



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



#10

Phenol

Concen: 43.109 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

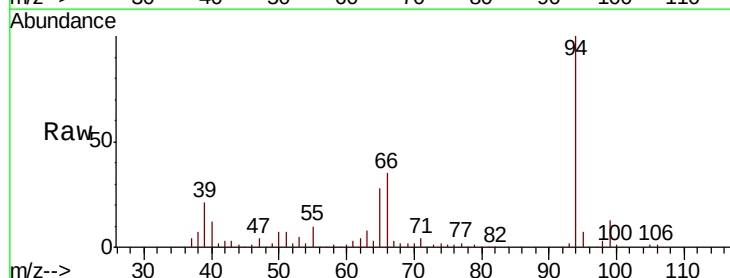
Tgt Ion: 94 Resp: 206586

Ion Ratio Lower Upper

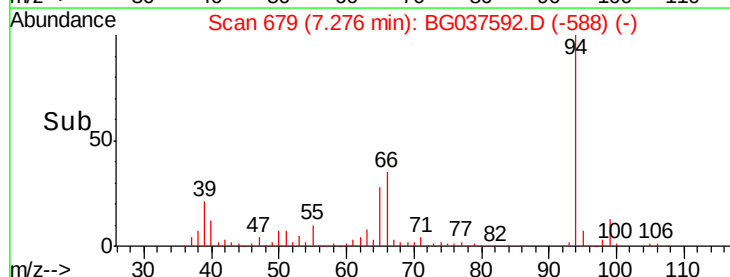
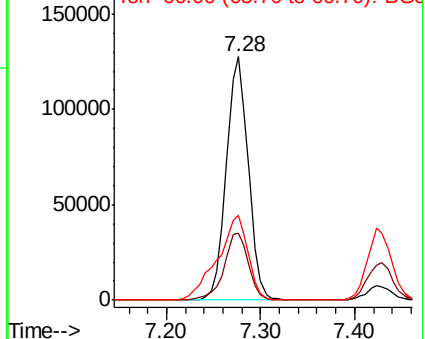
94 100

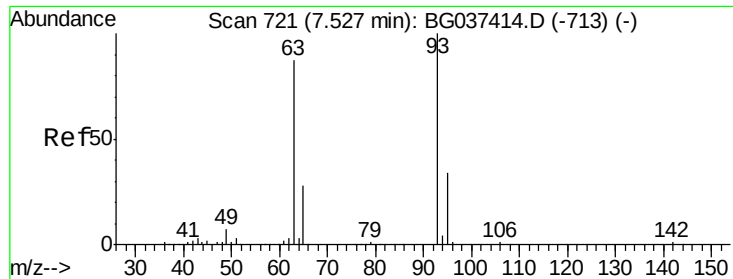
65 27.7 9.7 49.7

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

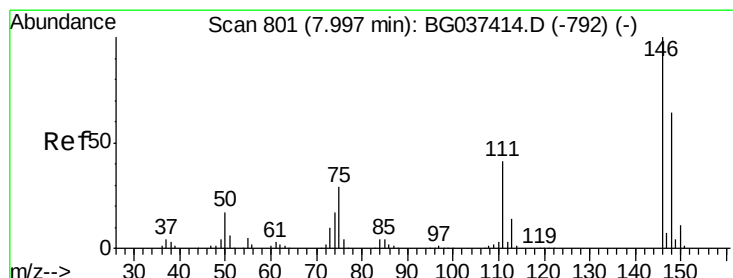
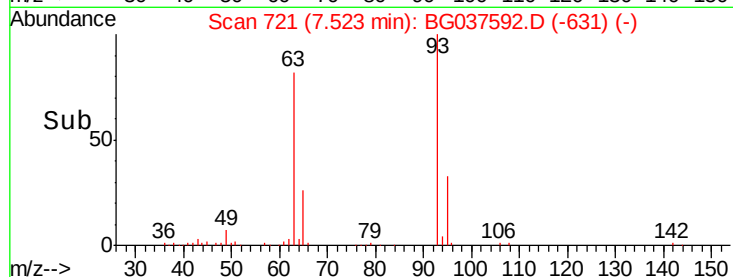
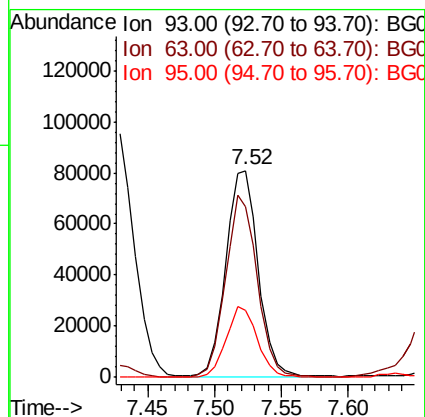
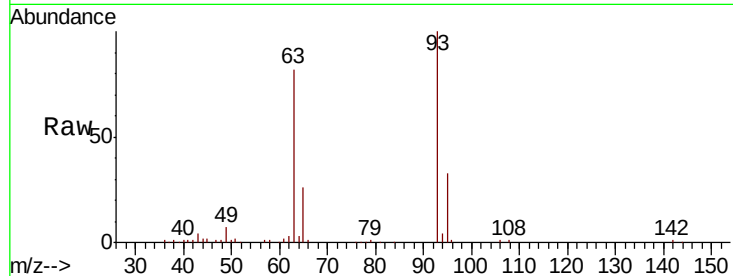




#11
bis(2-Chloroethyl)ether
Concen: 37.821 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

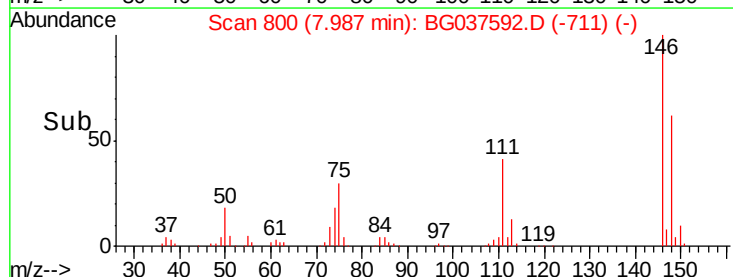
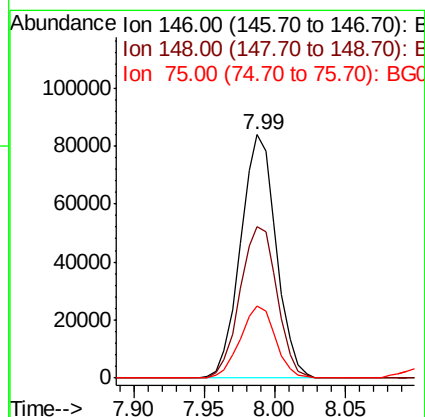
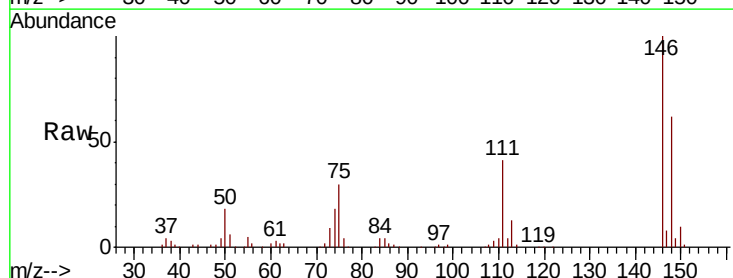
Instrument :
BNA_G
ClientSampleId :
PB114161BS

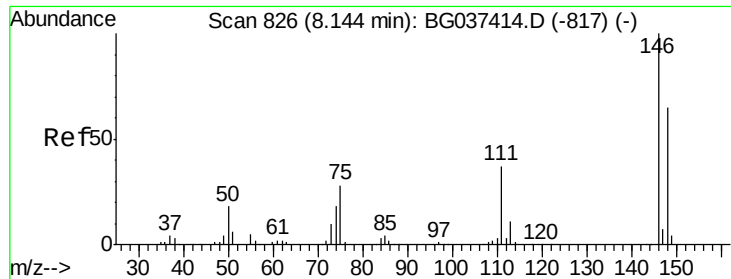
Tot Ion	93.00	Resp	137655
Ion	Ratio	Lower	Upper
93	100		
63	82.3	69.5	109.5
95	32.5	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 37.672 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion	146	Resp	147368
Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.8	74.8
75	29.7	23.2	34.8

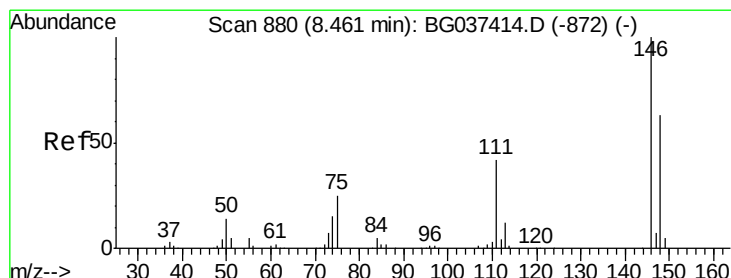
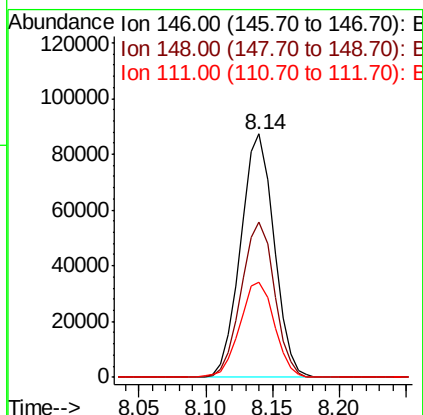
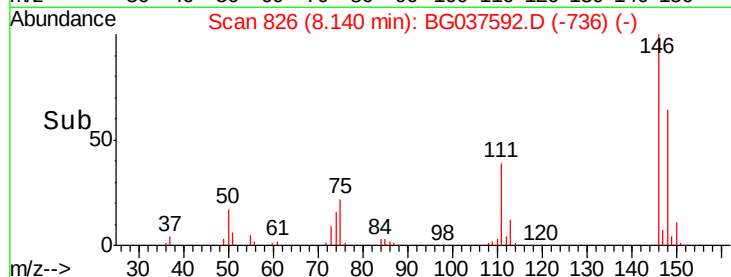
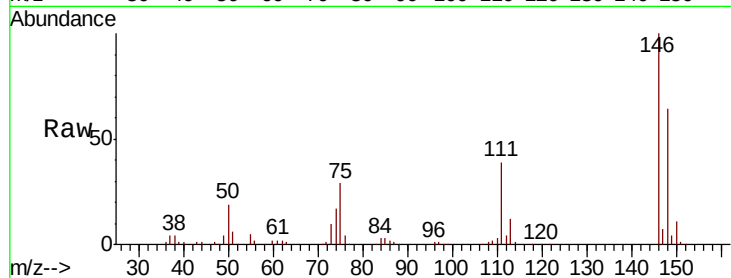




#13
 1,4-Dichlorobenzene
 Concen: 37.777 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

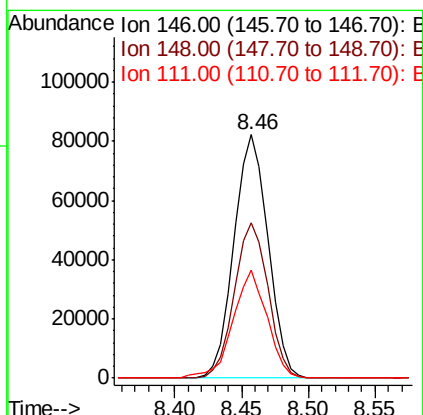
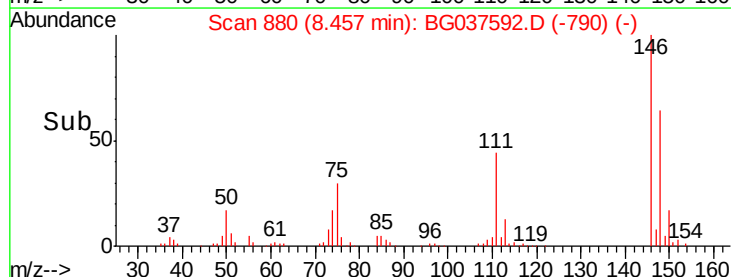
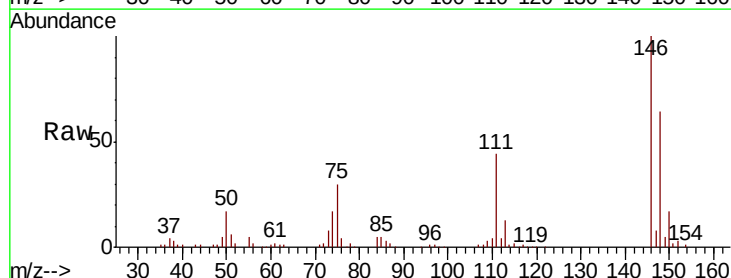
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

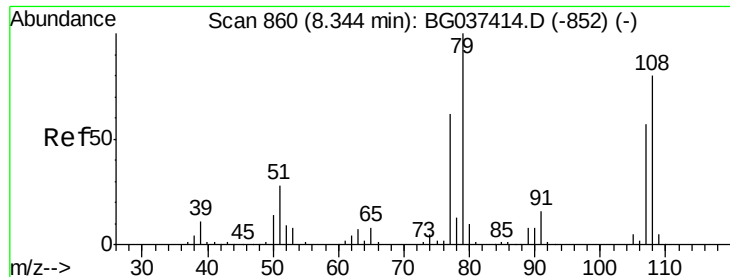
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	39.3	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 37.827 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	44.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 41.146 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

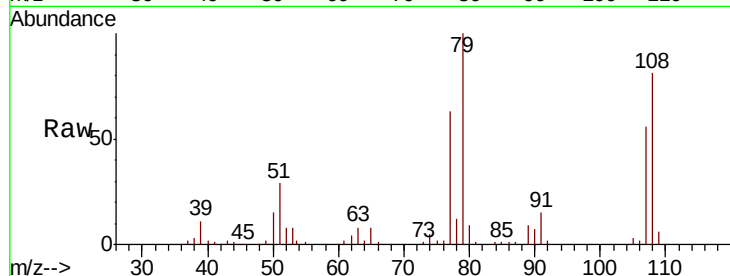
Tot Ion: 79 Resp: 138087

Ion Ratio Lower Upper

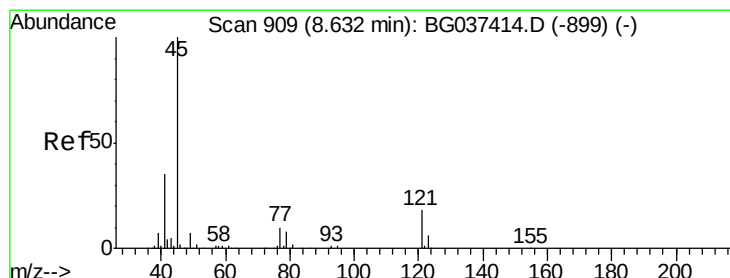
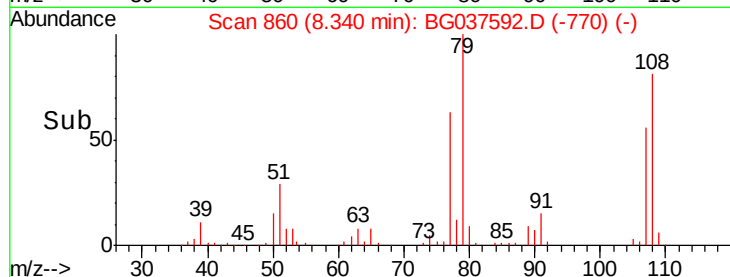
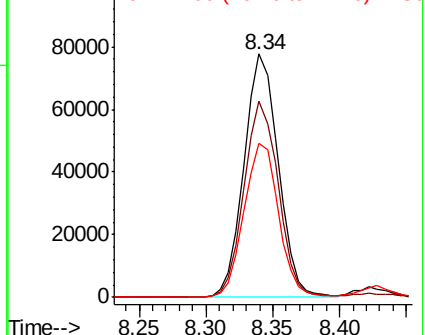
79 100

108 80.6 65.8 98.8

77 63.1 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.091 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

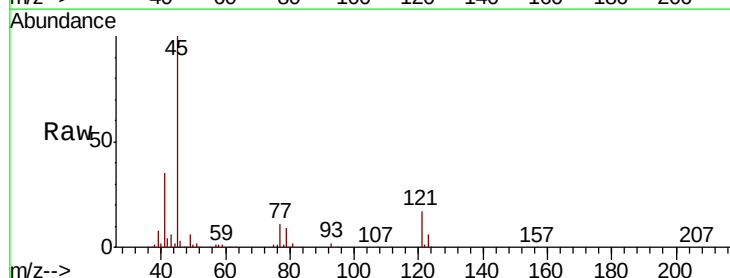
Tgt Ion: 45 Resp: 254582

Ion Ratio Lower Upper

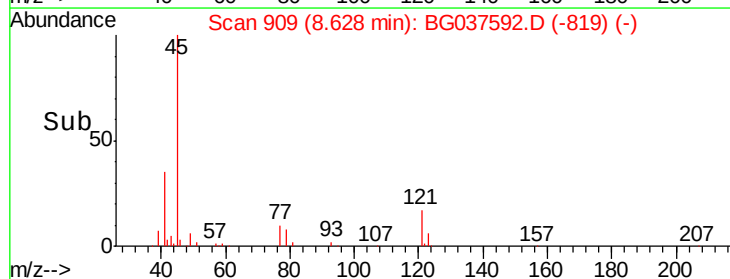
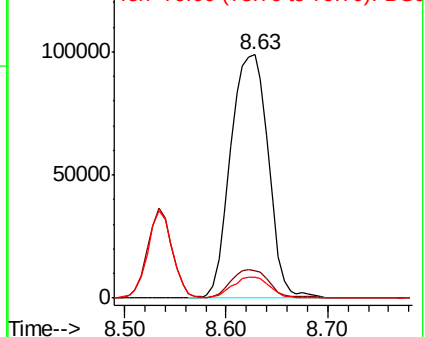
45 100

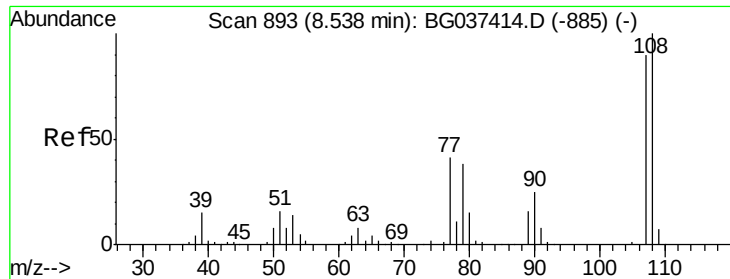
77 11.2 0.0 30.0

79 8.7 0.0 29.0



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

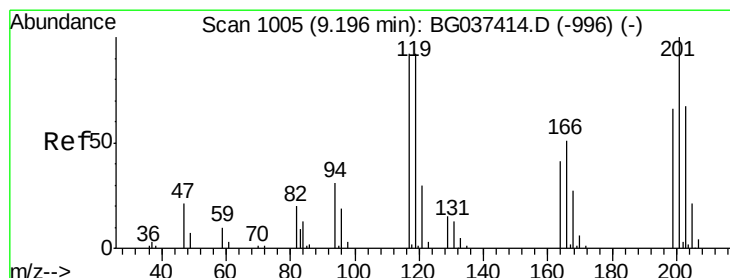
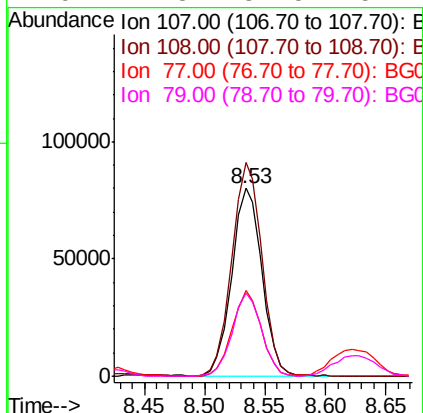
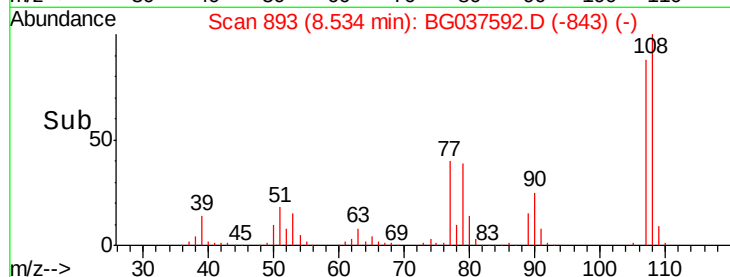
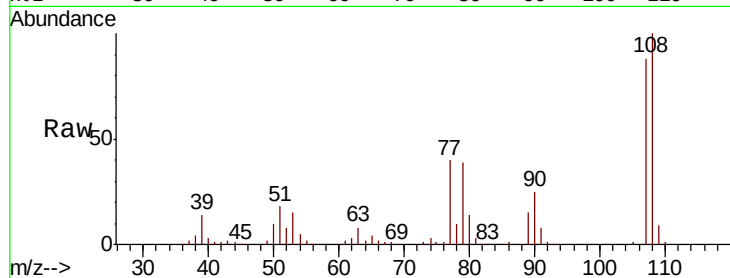




#17
2-Methylphenol
Concen: 44.235 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

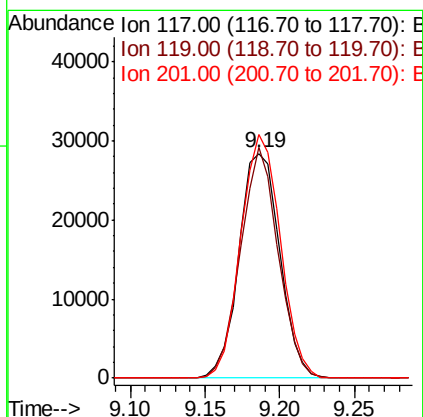
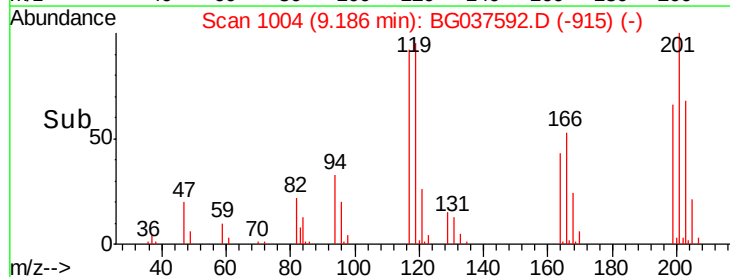
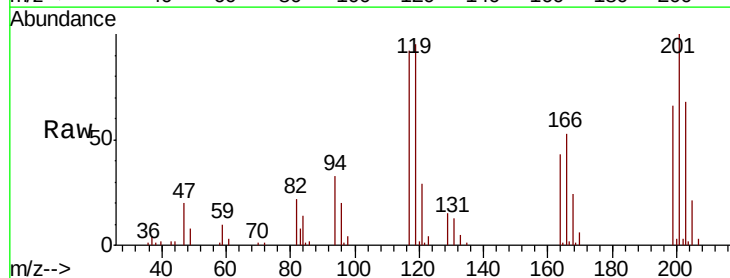
Instrument :
BNA_G
ClientSampleId :
PB114161BS

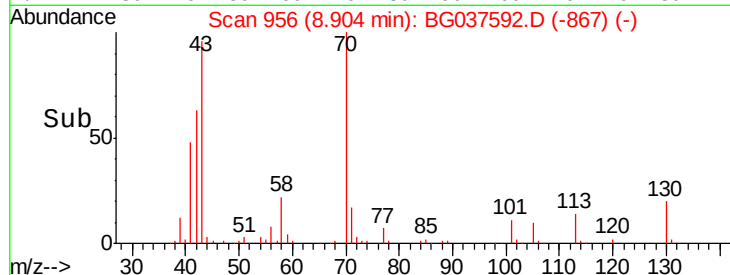
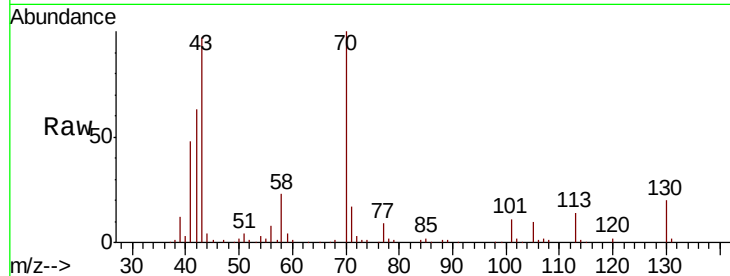
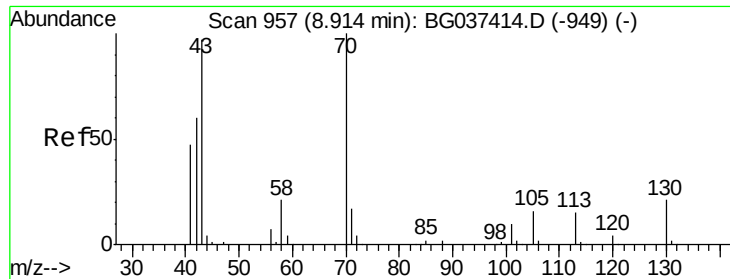
Tot Ion:	107	Resp:	140146
Ion	Ratio	Lower	Upper
107	100		
108	113.7	87.9	131.9
77	45.6	35.1	52.7
79	44.3	34.5	51.7



#18
Hexachloroethane
Concen: 39.443 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:	117	Resp:	53807
Ion	Ratio	Lower	Upper
117	100		
119	102.9	74.6	111.8
201	108.4	80.8	121.2

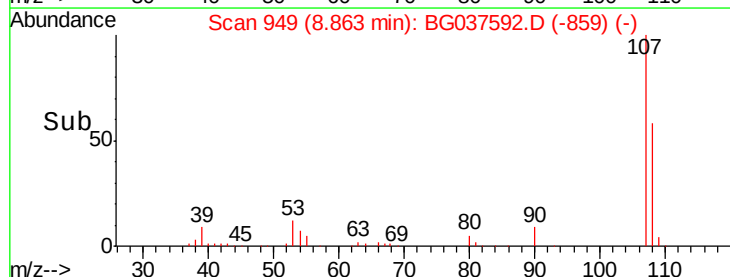
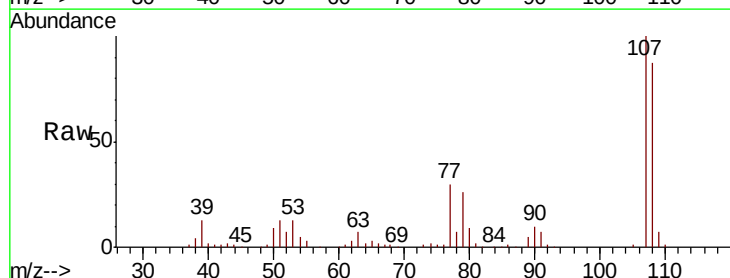
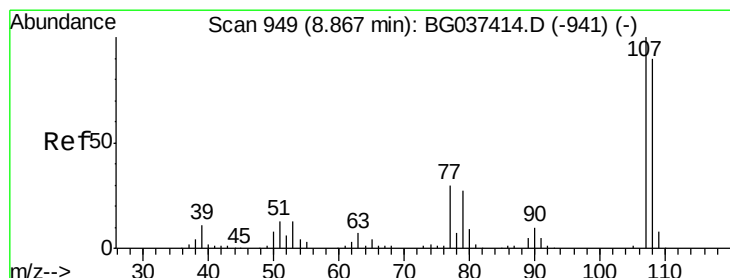
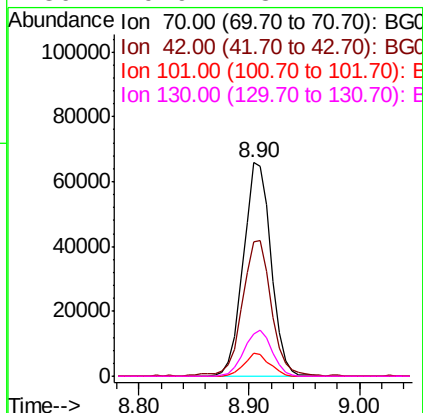




#19
n-Nitroso-di-n-propylamine
Concen: 37.174 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

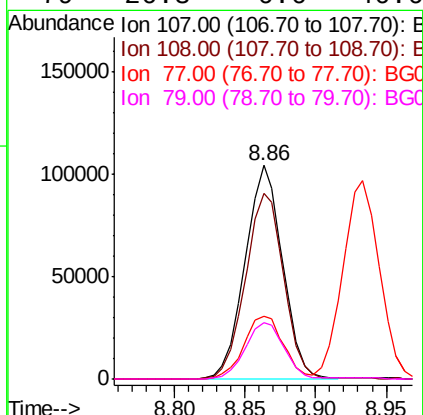
Instrument :
BNA_G
ClientSampleId :
PB114161BS

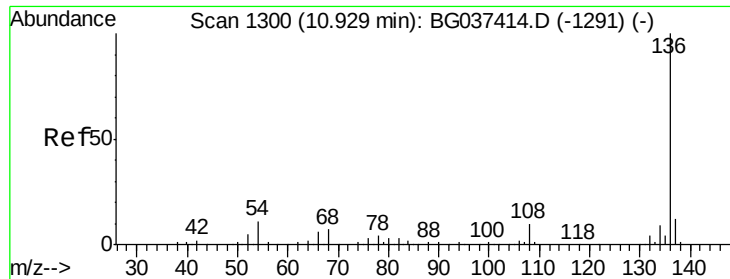
Tot Ion:	70	Resp:	116265
Ion	Ratio	Lower	Upper
70	100		
42	62.8	53.9	80.9
101	10.8	8.2	12.2
130	19.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.669 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:	107	Resp:	193279
Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.9	109.9
77	29.6	11.2	51.2
79	26.3	6.6	46.6

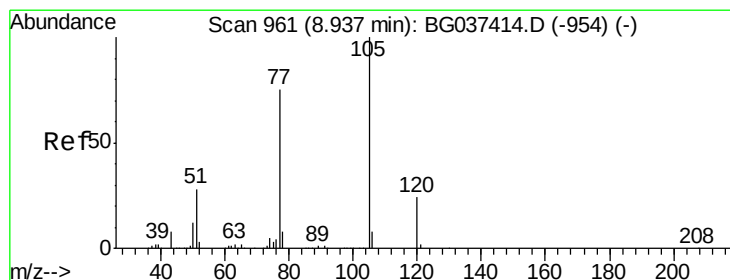
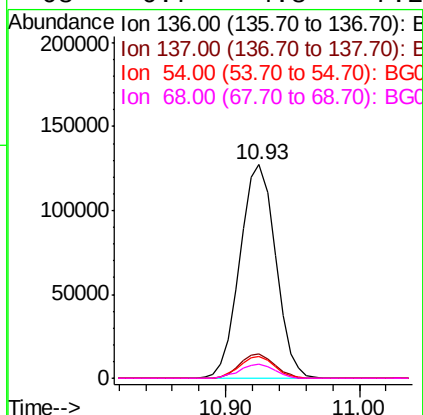
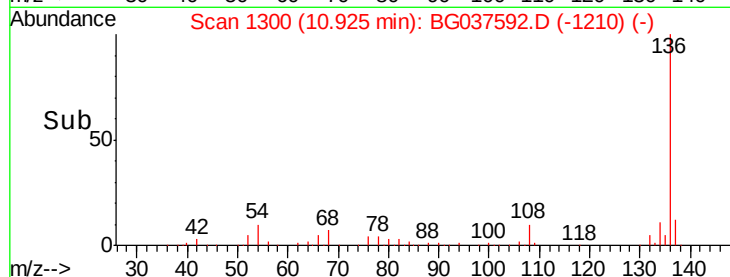
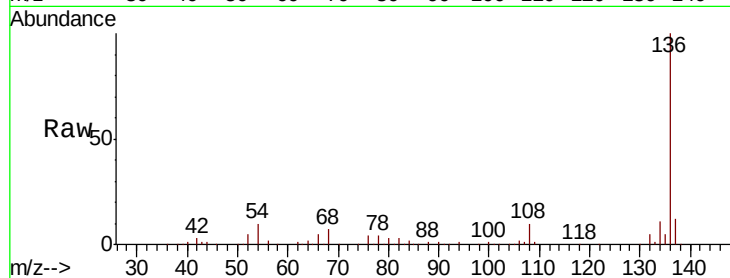




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

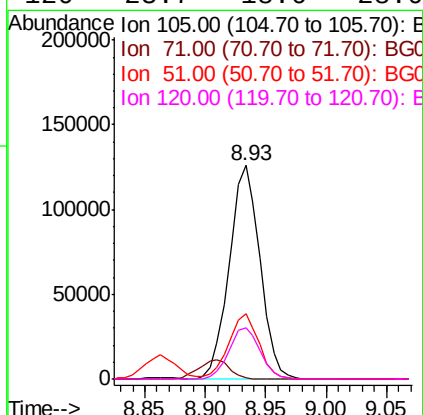
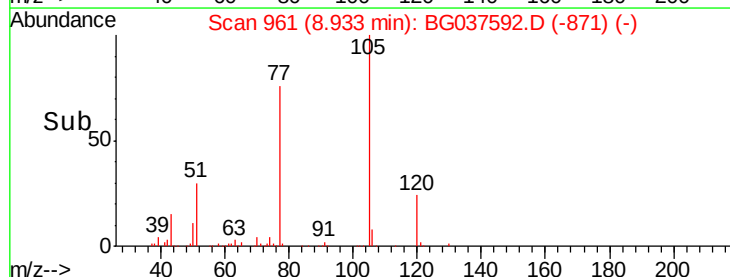
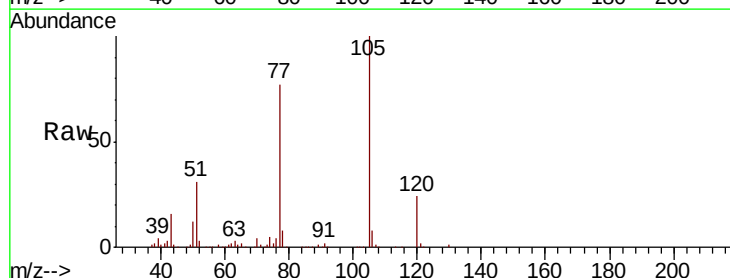
Instrument :
BNA_G
ClientSampleId :
PB114161BS

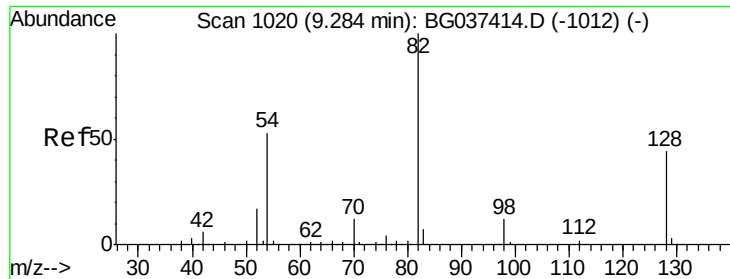
Tot Ion:136	Resp:	235768	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.6	14.4	
54 10.1	7.9	11.9	
68 6.7	4.8	7.2	



#22
Acetophenone
Concen: 37.693 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt	Ion:105	Resp:	222876
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	30.6	25.0	37.6
120	23.7	18.6	28.0

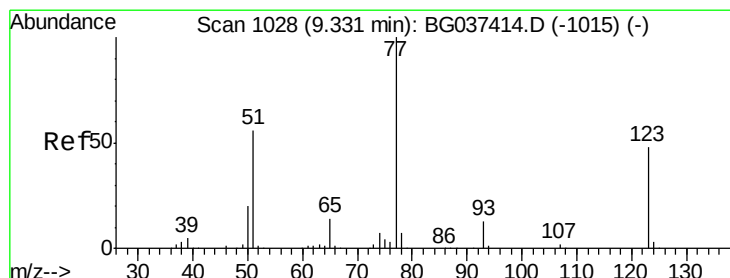
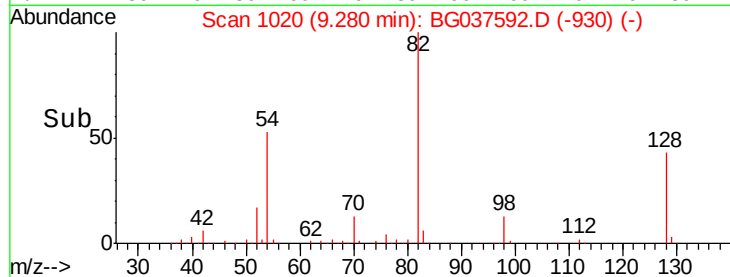
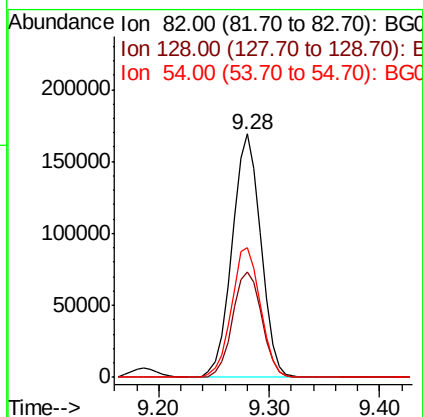
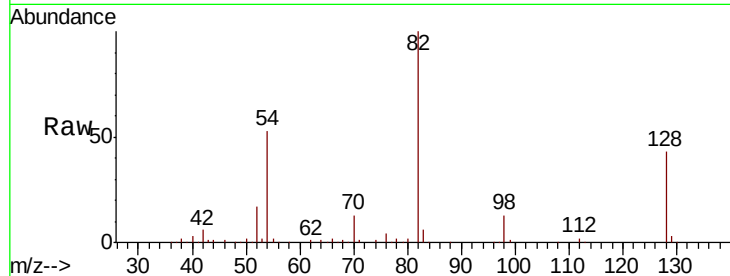




#23
 Nitrobenzene-d5
 Concen: 73.527 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

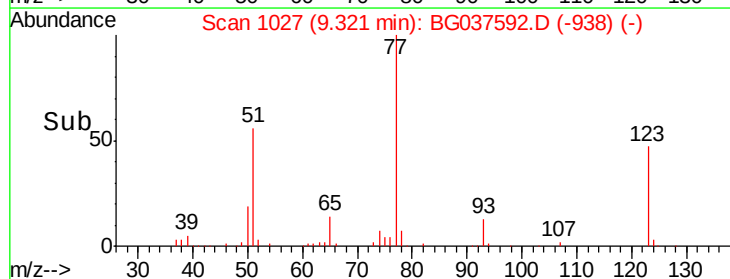
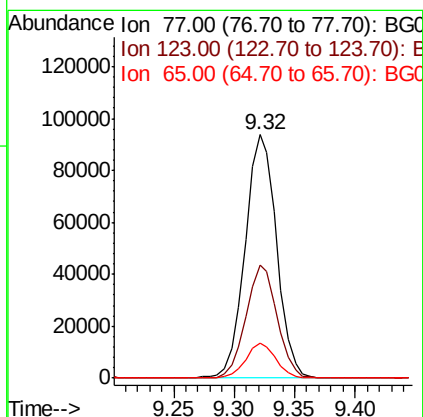
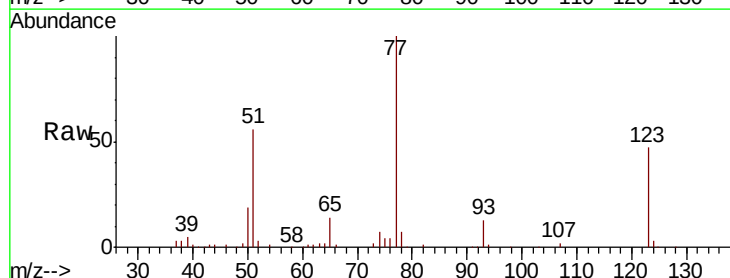
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

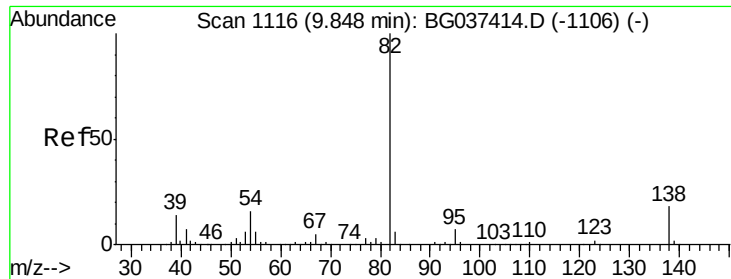
Tot Ion	82	Resp	309456
Ion Ratio	100	Lower	Upper
128	43.1	34.6	51.8
54	53.4	45.3	67.9



#24
 Nitrobenzene
 Concen: 38.979 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	77	Resp	170426
Ion Ratio	100	Lower	Upper
123	46.5	33.6	50.4
65	14.1	11.3	16.9





#25

Isophorone

Concen: 43.561 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

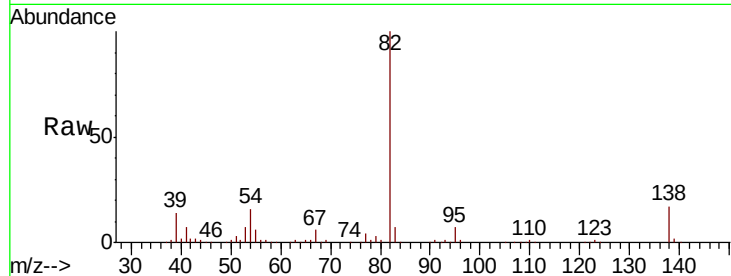
Tot Ion: 82 Resp: 334987

Ion Ratio Lower Upper

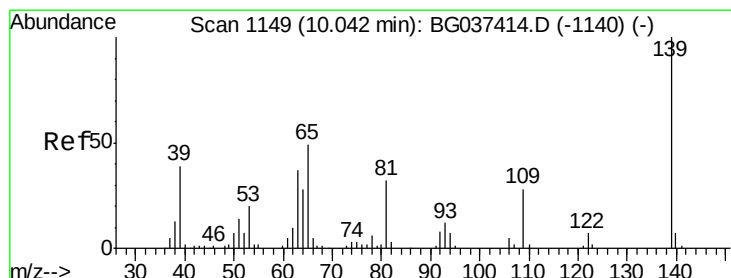
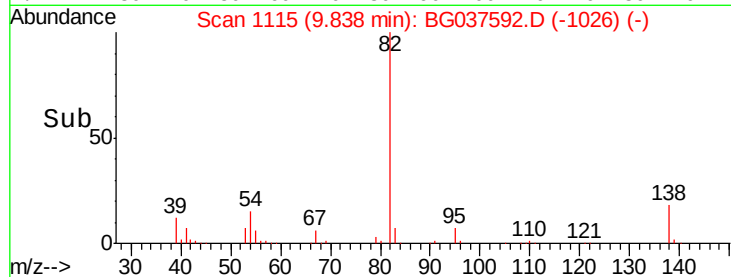
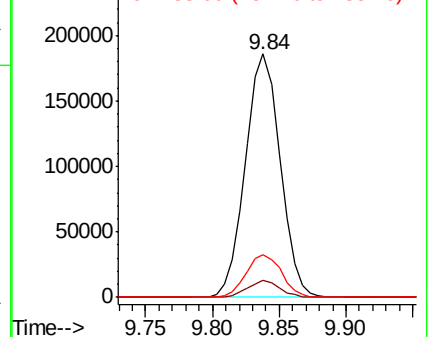
82 100

95 6.8 5.3 7.9

138 17.5 13.3 19.9



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



#26

2-Nitrophenol

Concen: 41.307 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

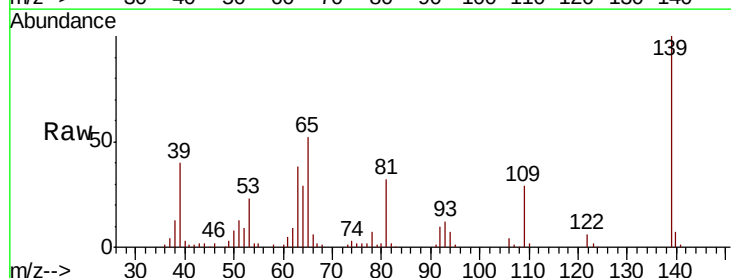
Tgt Ion: 139 Resp: 81361

Ion Ratio Lower Upper

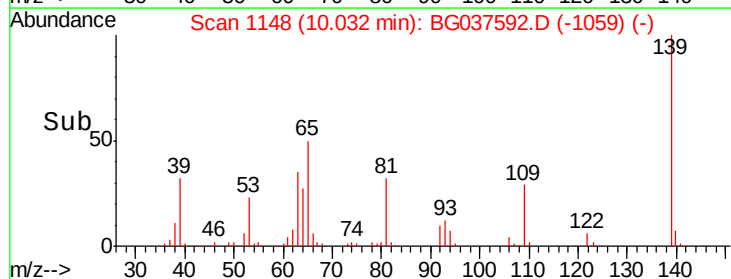
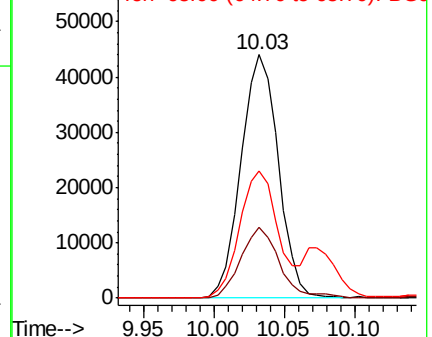
139 100

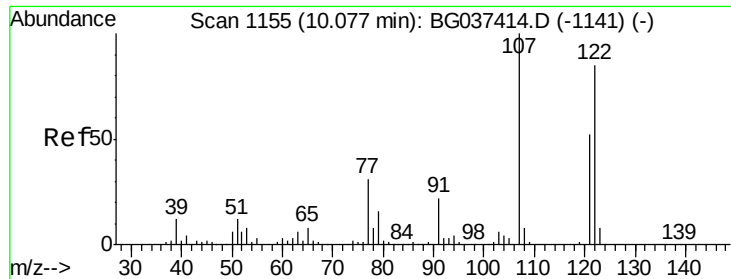
109 28.9 23.3 34.9

65 52.1 39.8 59.8



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

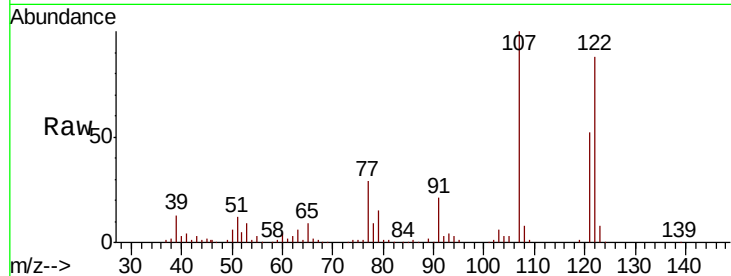




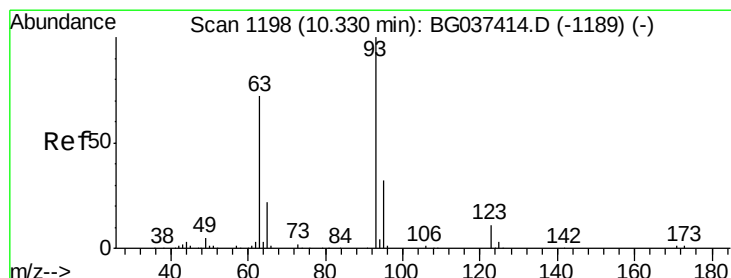
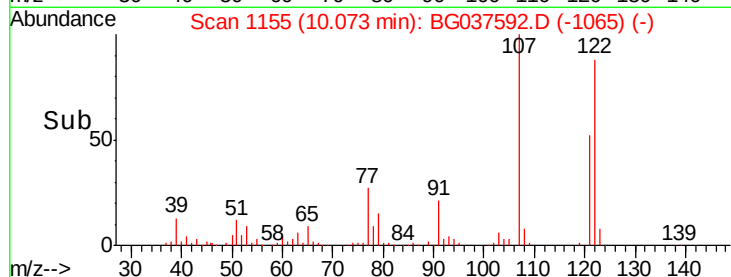
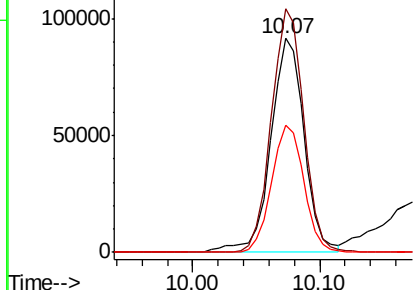
#27
 2,4-Dimethylphenol
 Concen: 47.653 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	94.2	141.2
121	59.6	47.3	70.9

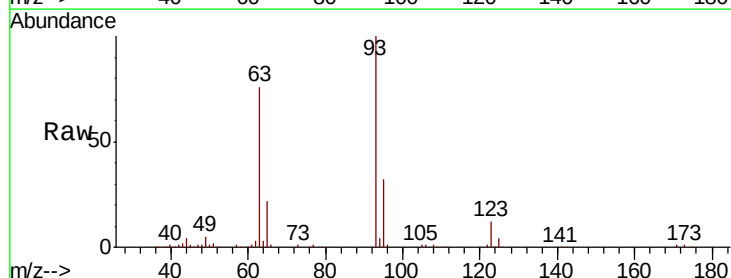


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

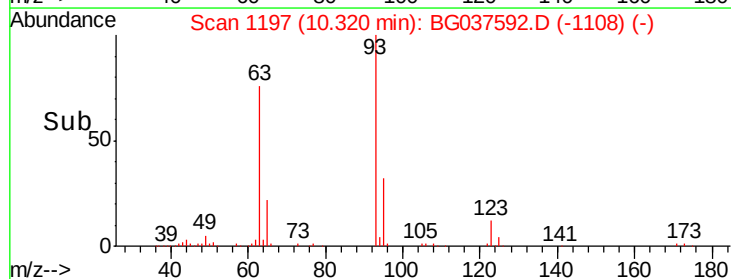
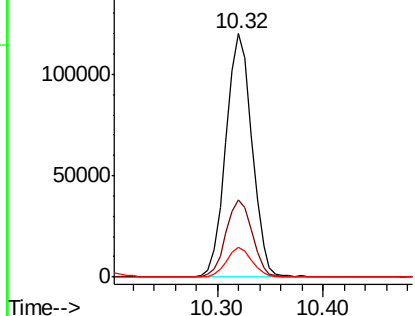


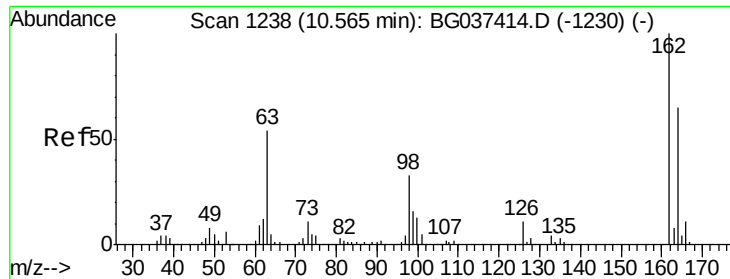
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.613 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.6	37.0
123	12.2	9.1	13.7



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

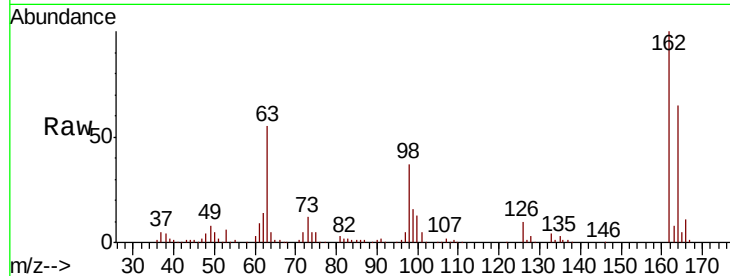




#29
 2,4-Dichlorophenol
 Concen: 41.817 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.2	83.2
98	36.8	16.0	56.0

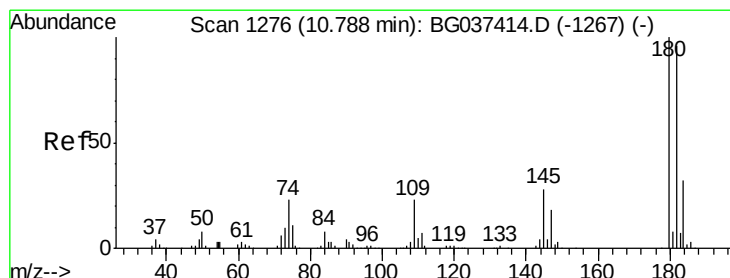
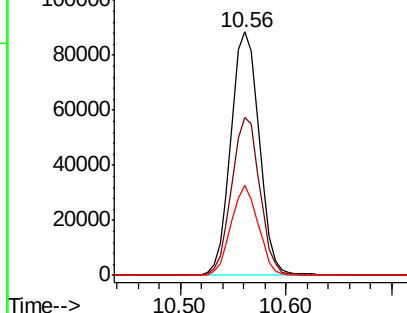
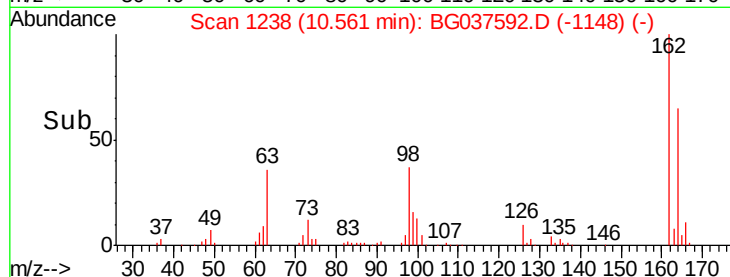


Abundance

Ion 162.00 (161.70 to 162.70): E

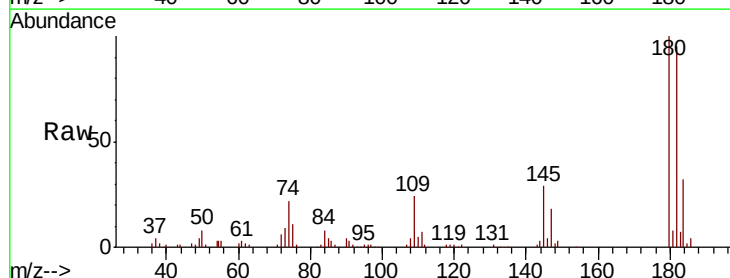
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 36.359 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.7	116.5
145	28.7	23.3	34.9

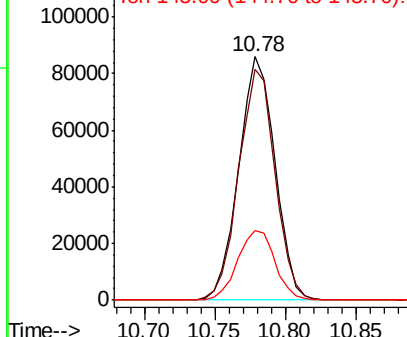
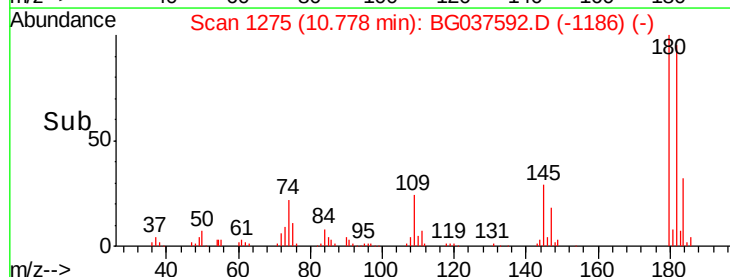


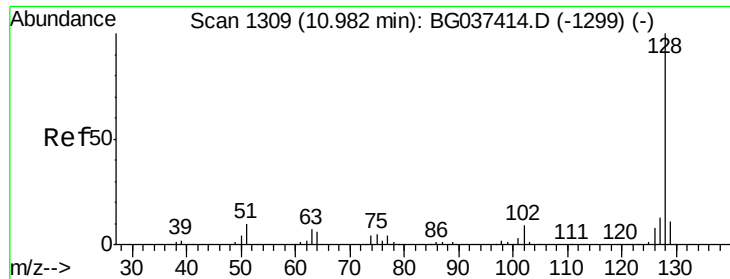
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

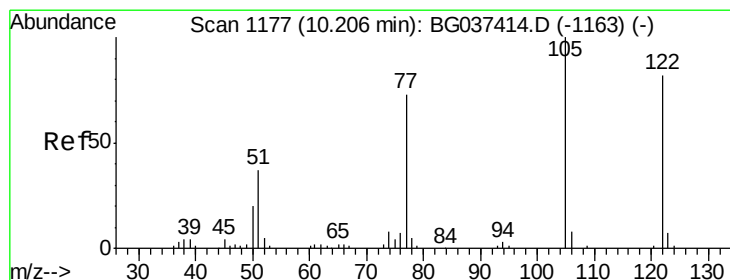
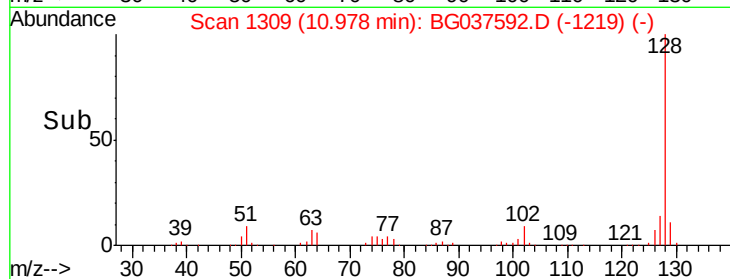
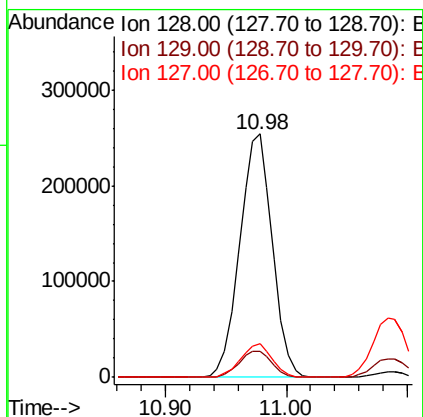
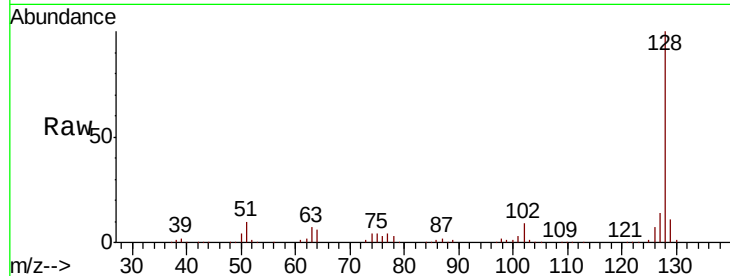




#31
Naphthalene
Concen: 41.060 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

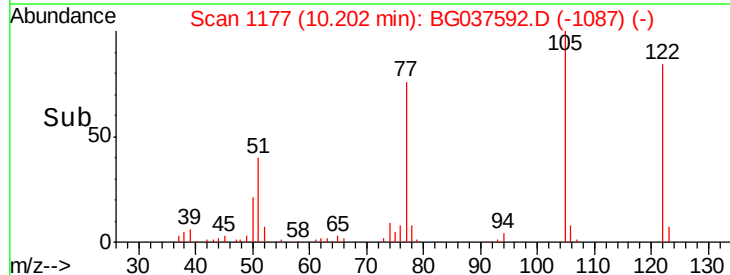
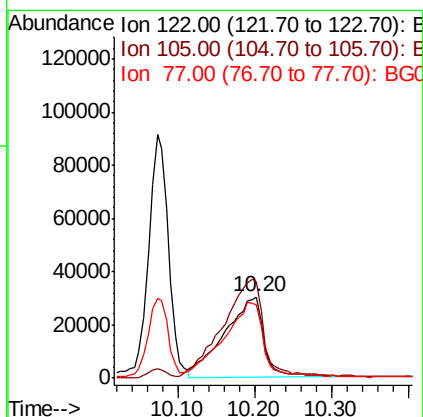
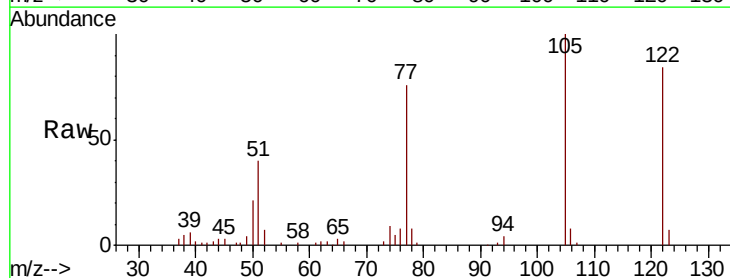
Instrument :
BNA_G
ClientSampleId :
PB114161BS

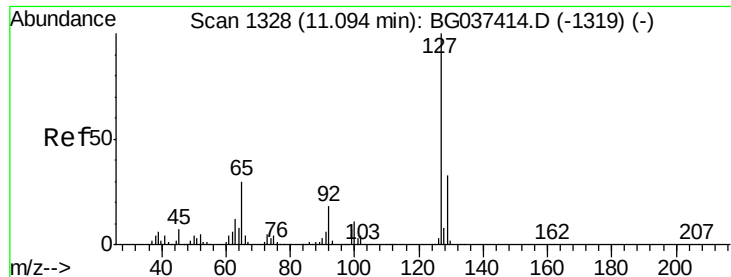
Tot Ion:128 Resp: 475491
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 46.747 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:122 Resp: 106779
Ion Ratio Lower Upper
122 100
105 118.5 106.7 146.7
77 89.9 72.2 112.2

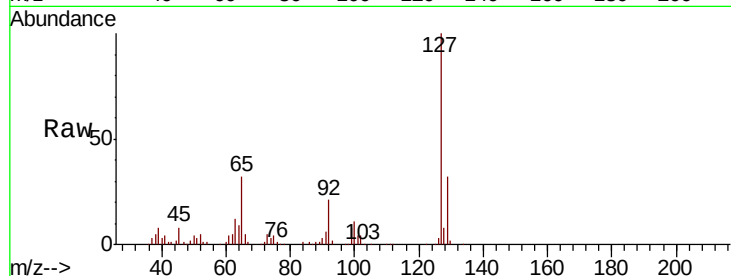




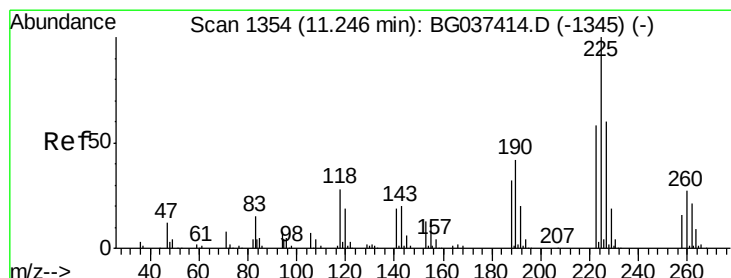
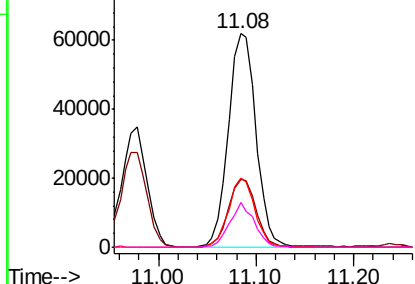
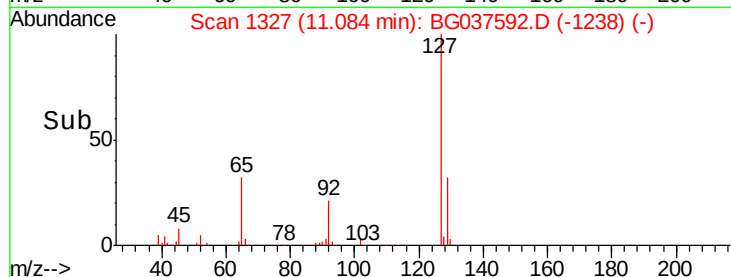
#33
4-Chloroaniline
Concen: 22.640 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion:	127	Resp:	123188
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.1	40.7
65	32.2	26.6	39.8
92	21.0	16.4	24.6

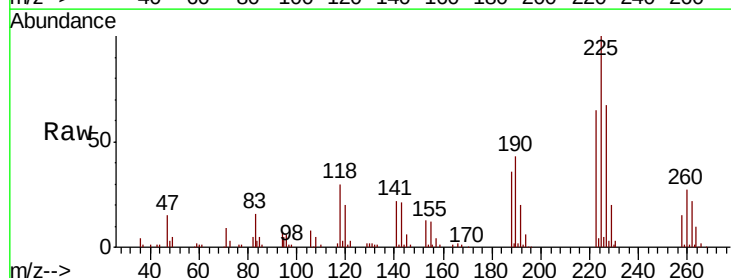


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

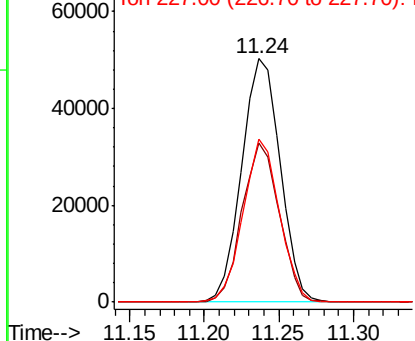
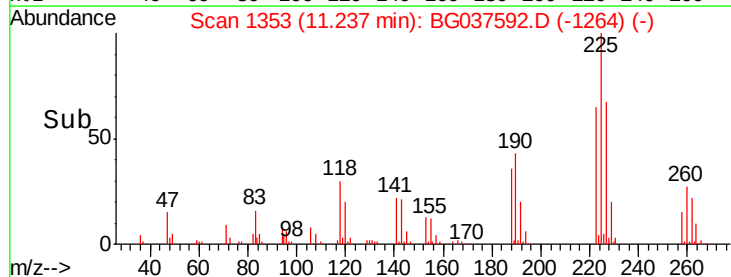


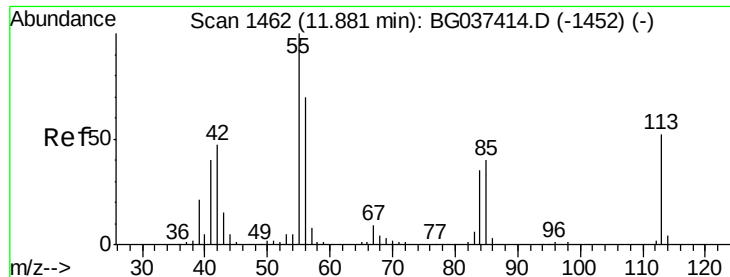
#34
Hexachlorobutadiene
Concen: 35.619 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:	225	Resp:	89891
Ion	Ratio	Lower	Upper
225	100		
223	69.0	48.2	72.4
227	69.9	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: 40.463 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

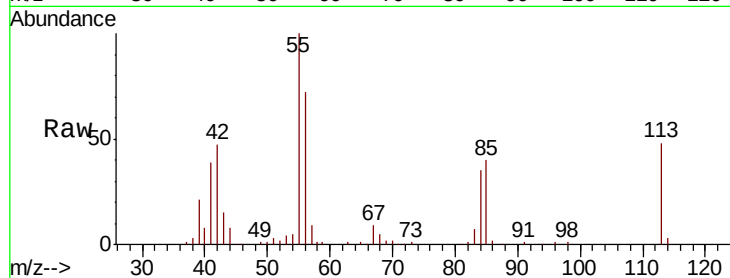
Tot Ion:113 Resp: 63543

Ion Ratio Lower Upper

113 100

55 208.1 176.6 216.6

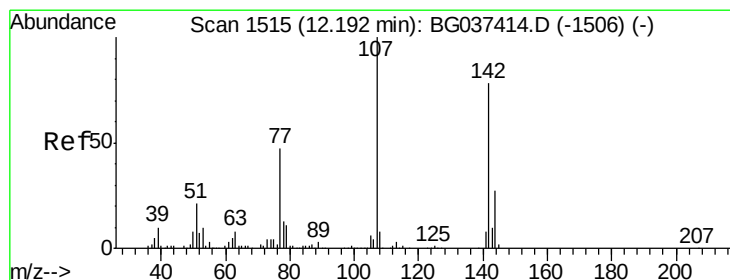
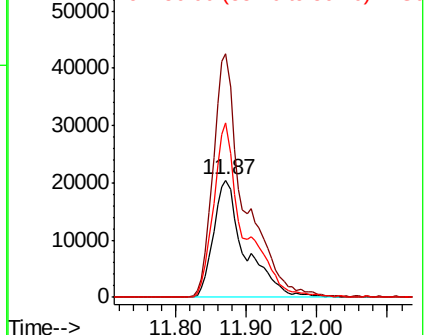
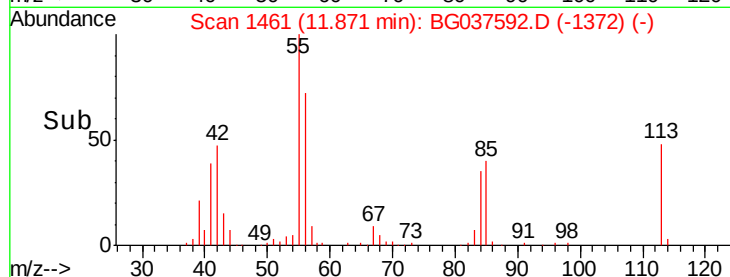
56 149.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.935 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

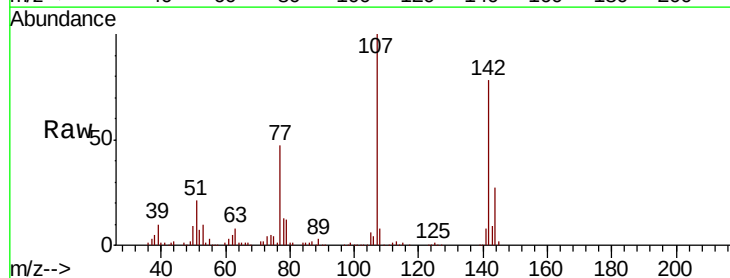
Tgt Ion:107 Resp: 185181

Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

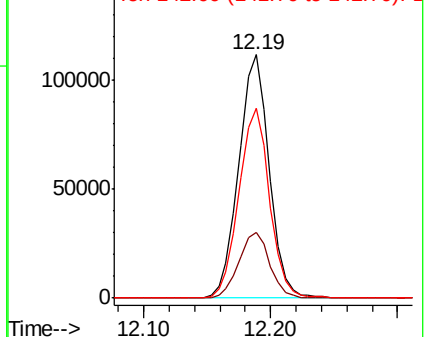
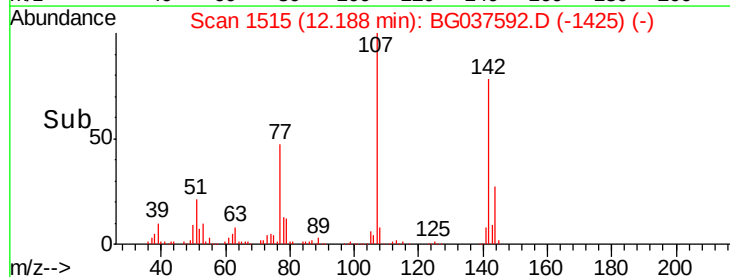
142 77.7 64.4 96.6

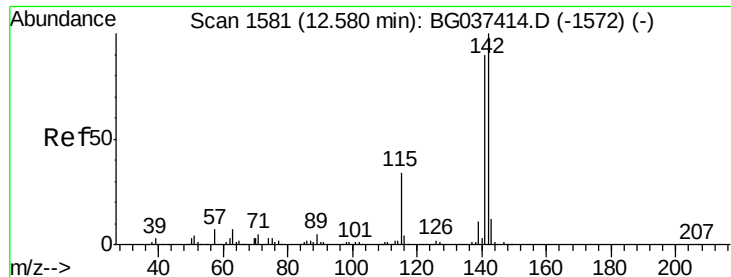


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

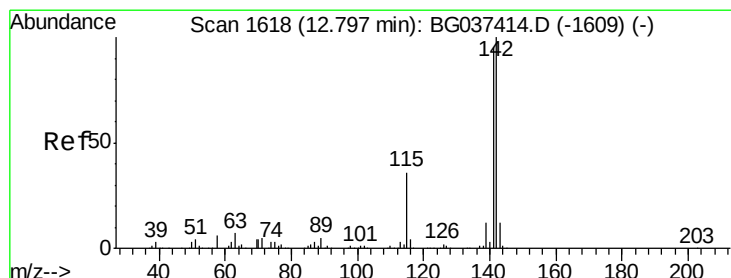
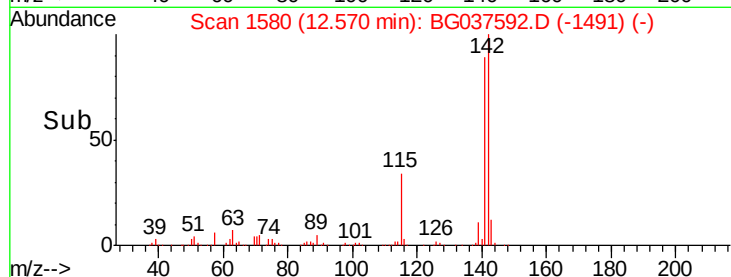
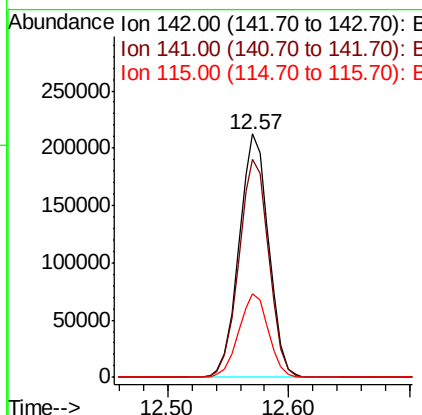
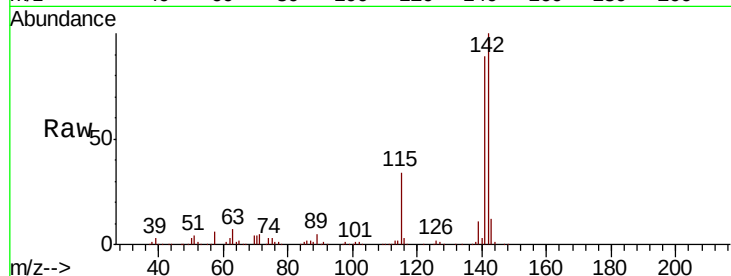




#37
 2-Methylnaphthalene
 Concen: 42.795 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

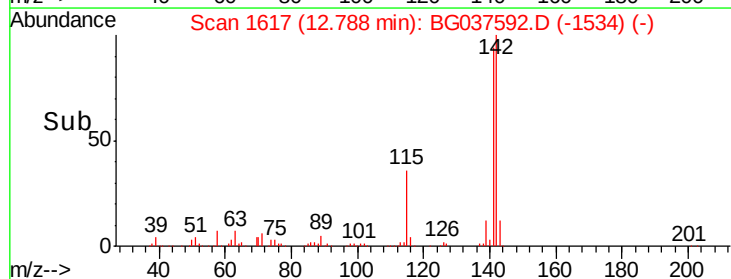
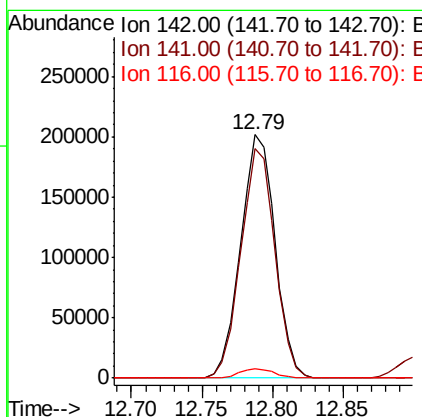
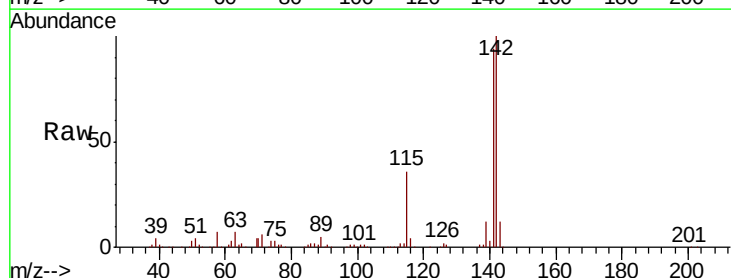
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

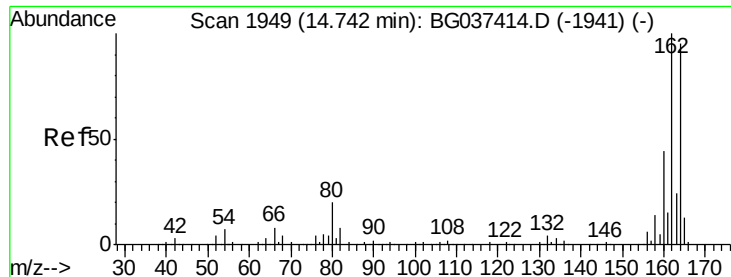
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	34.2	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 42.035 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

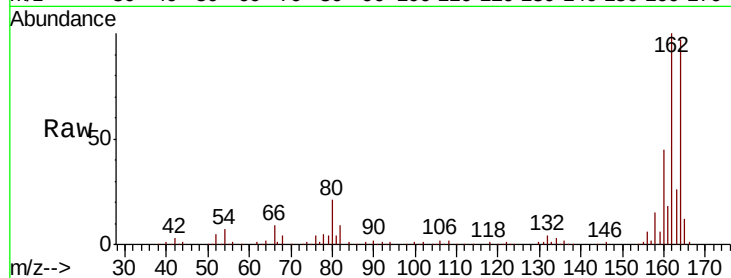
Tot Ion:164 Resp: 159453

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

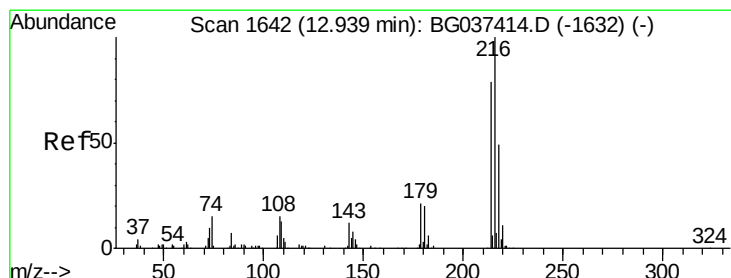
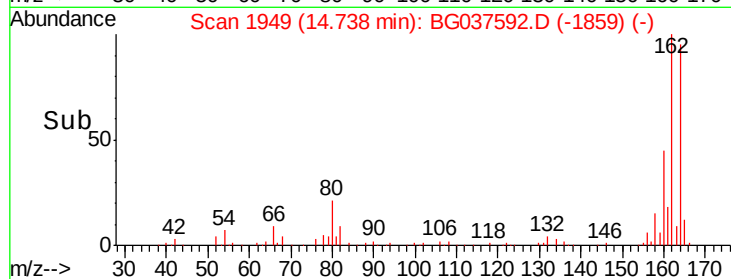
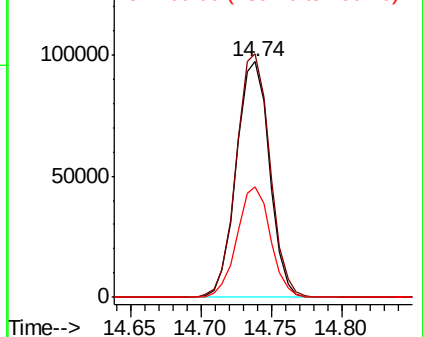
160 46.8 36.3 54.5



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: 35.592 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Tgt Ion:216 Resp: 183057

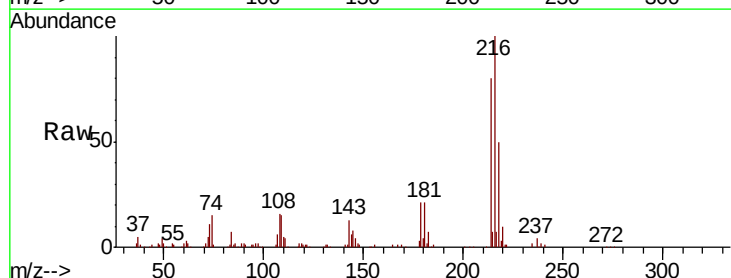
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 20.9 17.4 26.0

108 19.3 13.9 20.9

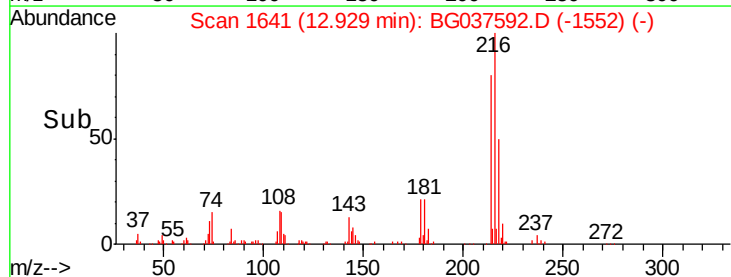
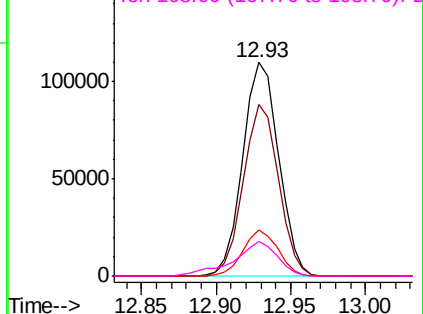


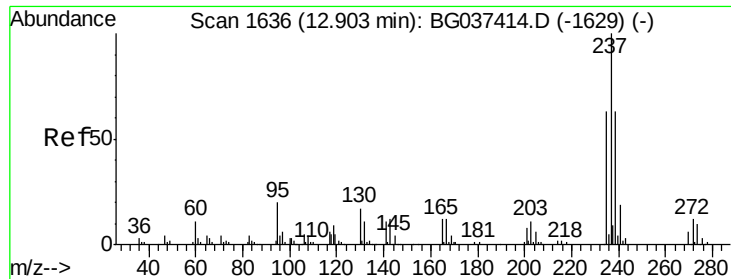
Abundance Ion 216.00 (215.70 to 216.70): E

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

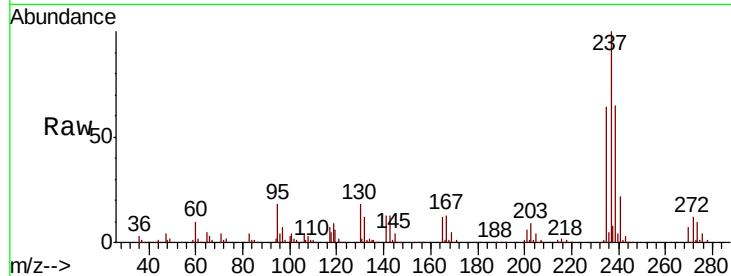




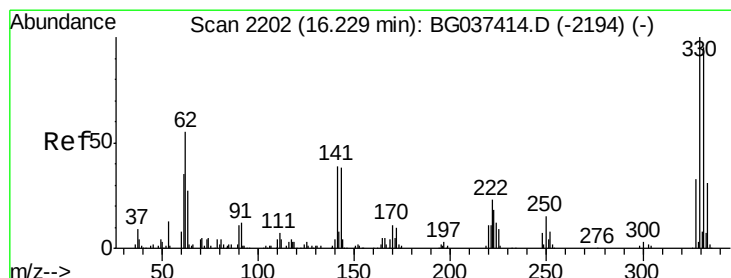
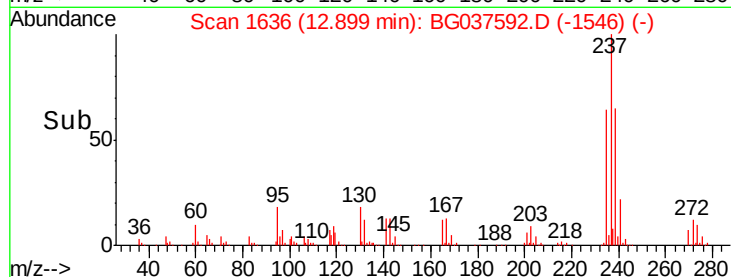
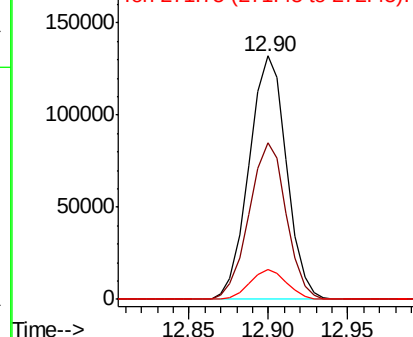
#41
Hexachlorocyclopentadiene
Concen: 88.074 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion:237 Resp: 216380
Ion Ratio Lower Upper
237 100
235 64.3 42.5 82.5
272 12.4 0.0 31.6

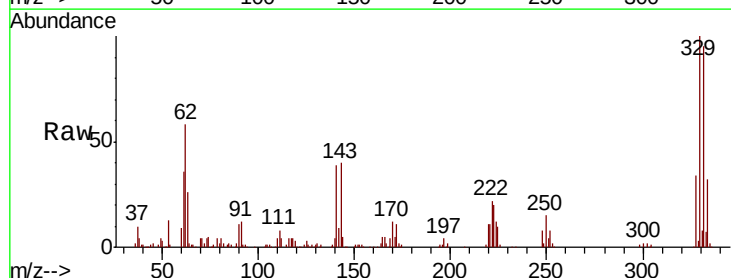


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

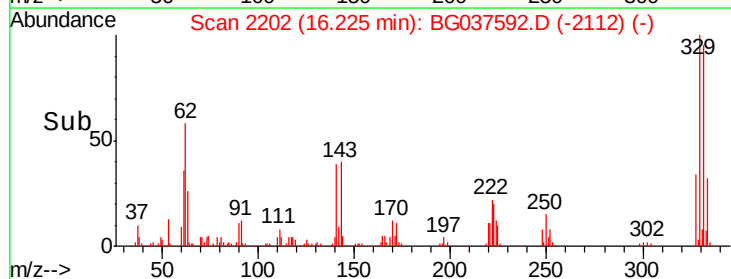
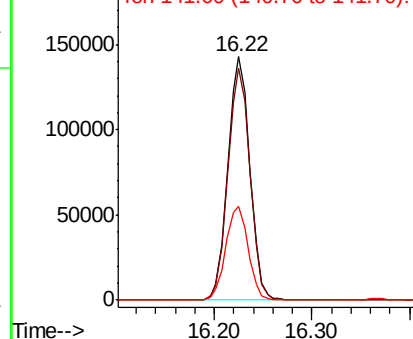


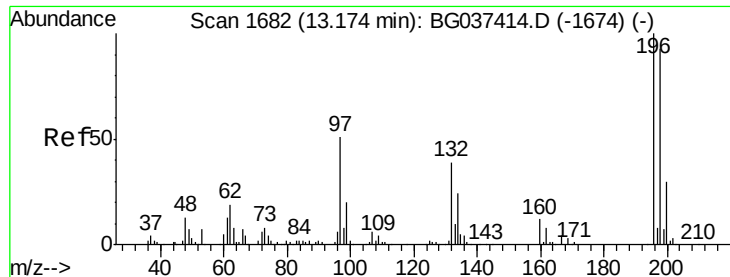
#42
2,4,6-Tribromophenol
Concen: 127.746 ng
RT: 16.22 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:330 Resp: 222167
Ion Ratio Lower Upper
330 100
332 95.8 78.4 117.6
141 39.4 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

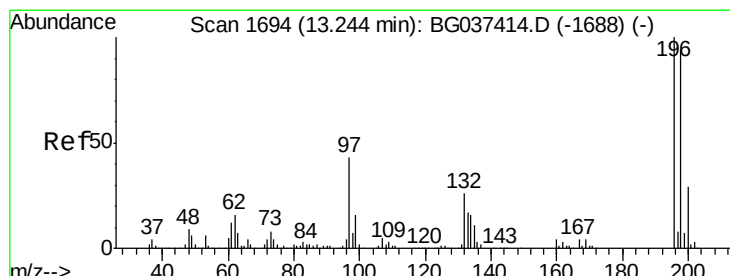
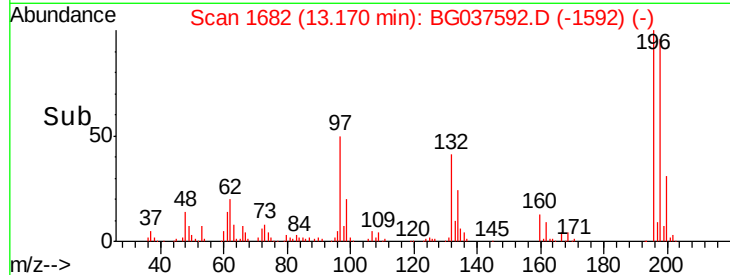
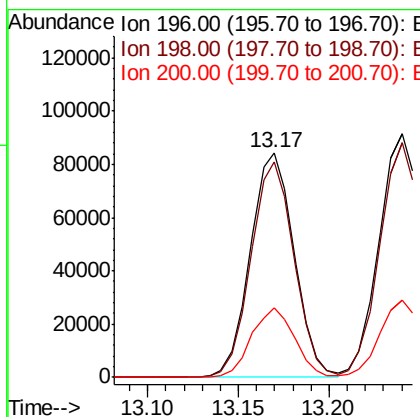
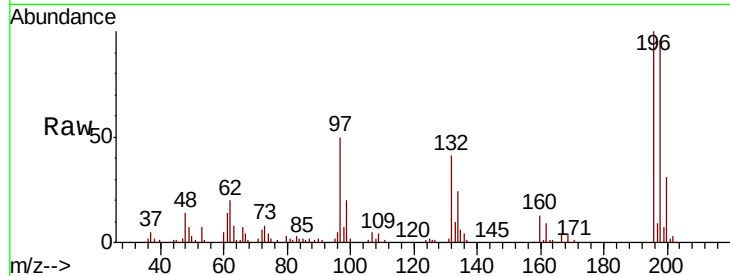




#43
 2,4,6-Trichlorophenol
 Concen: 41.160 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

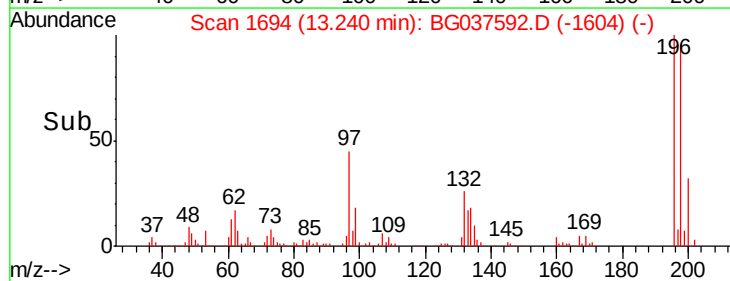
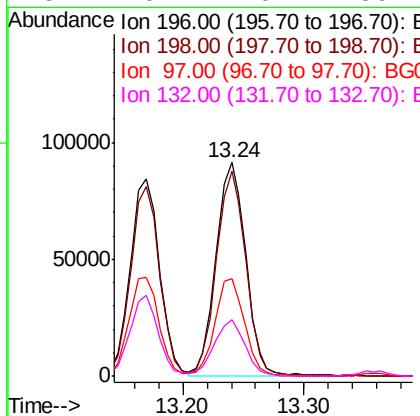
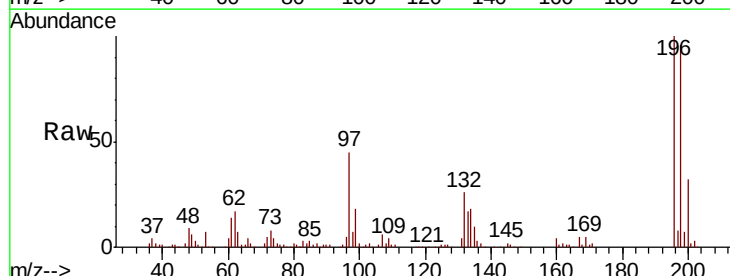
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

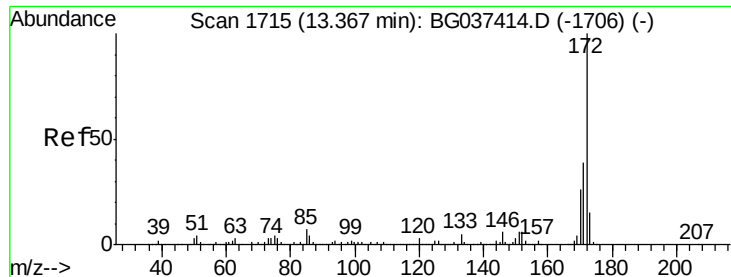
Tot Ion:196 Resp: 141431
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.4 114.6
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.326 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion:196 Resp: 154605
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.2
 97 45.5 34.1 51.1
 132 26.1 20.2 30.4

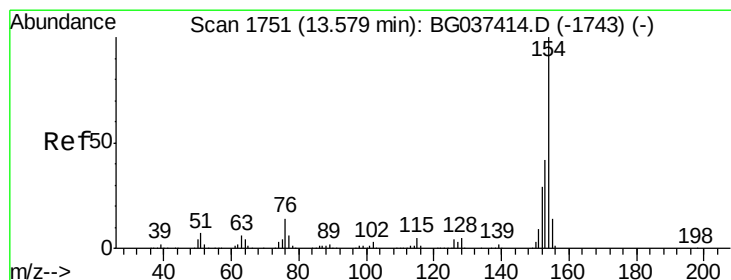
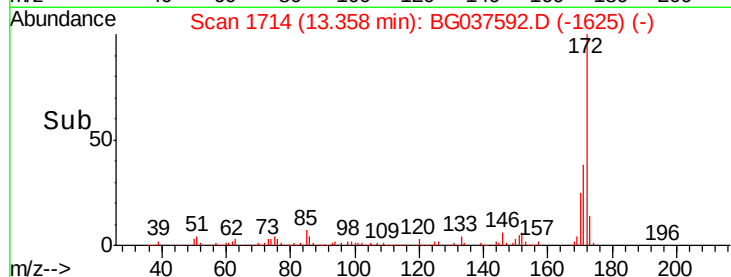
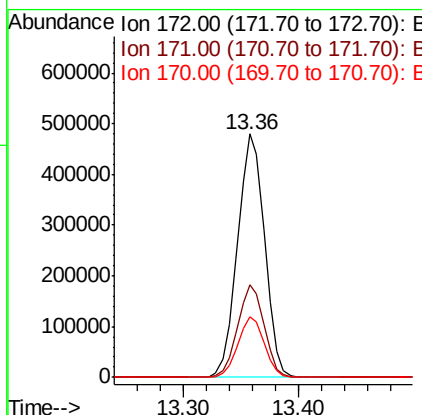
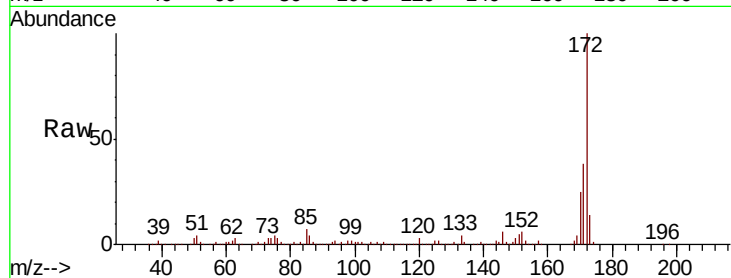




#45
 2-Fluorobiphenyl
 Concen: 73.182 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

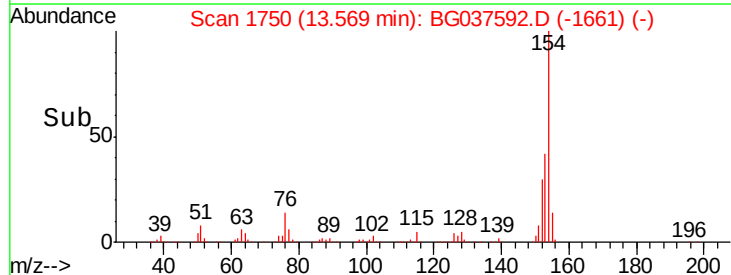
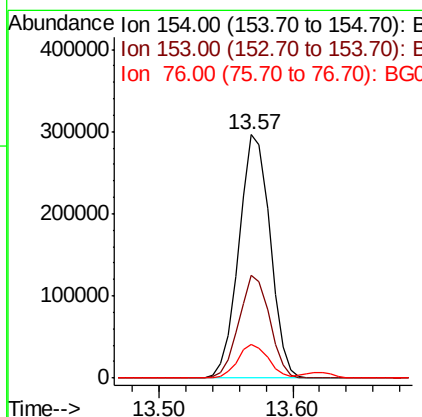
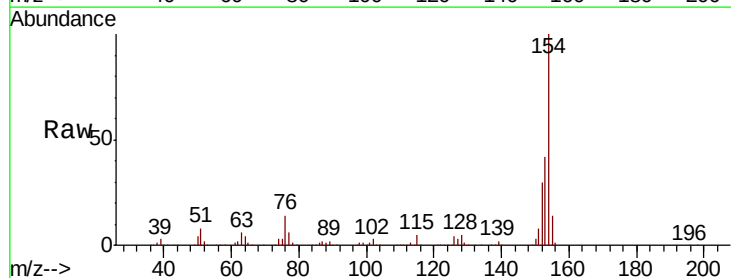
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

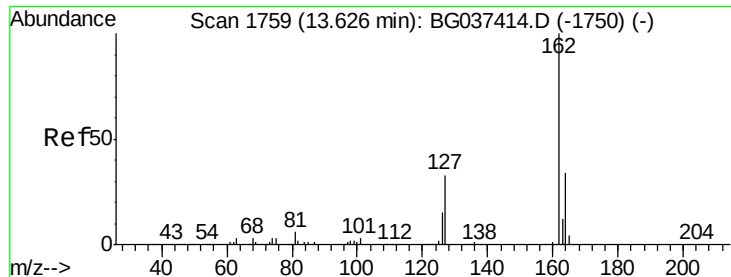
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 36.236 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	13.9	0.0	33.2

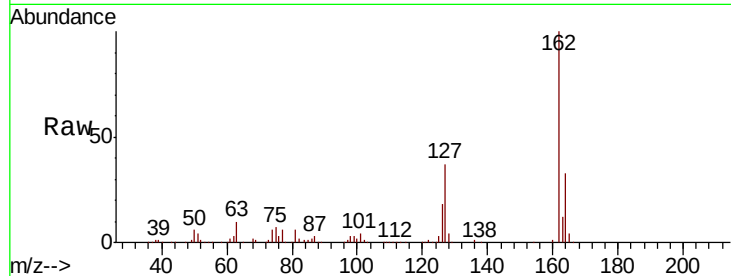




#47
2-Chloronaphthalene
Concen: 37.567 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.5	45.7
164	33.4	26.4	39.6

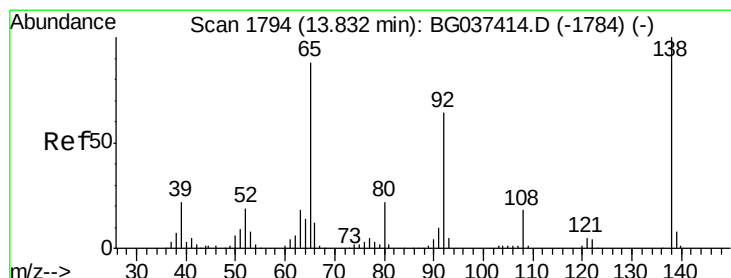
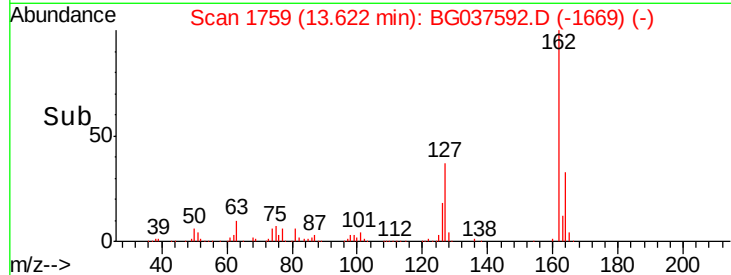
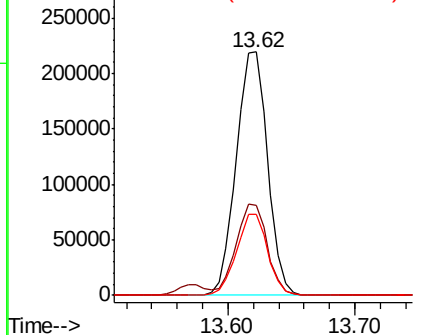


Abundance

Ion 162.00 (161.70 to 162.70): E

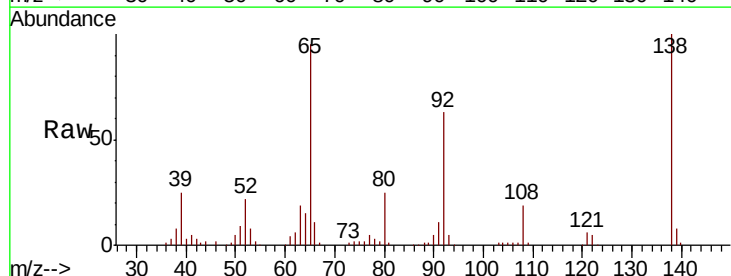
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.440 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.2	79.8
138	104.8	79.3	118.9

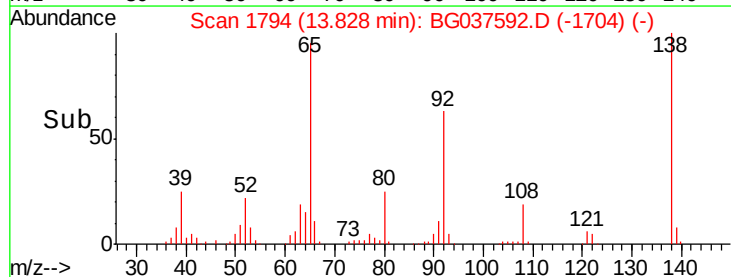
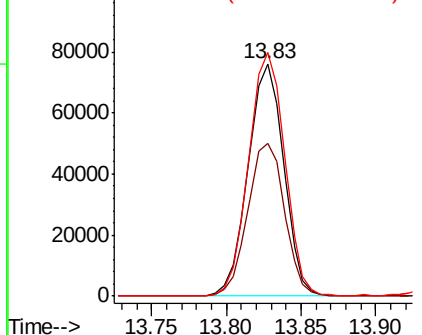


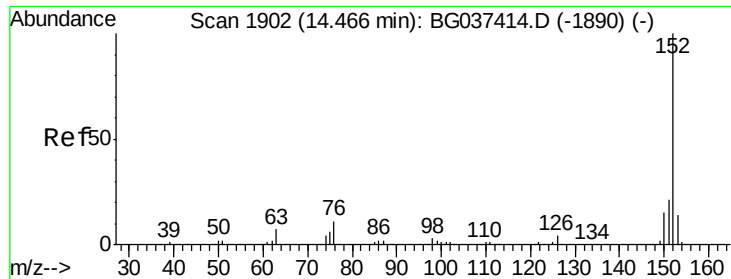
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.083 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

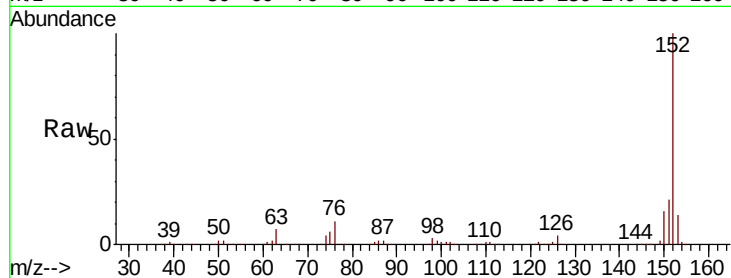
Tot Ion:152 Resp: 632439

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

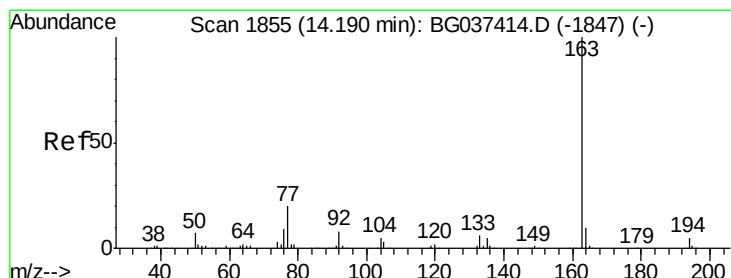
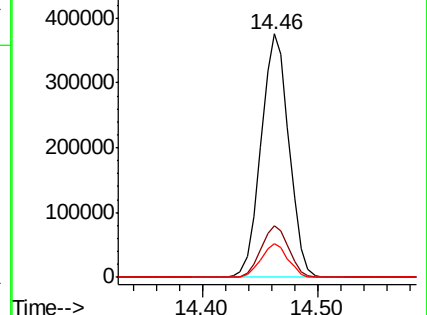
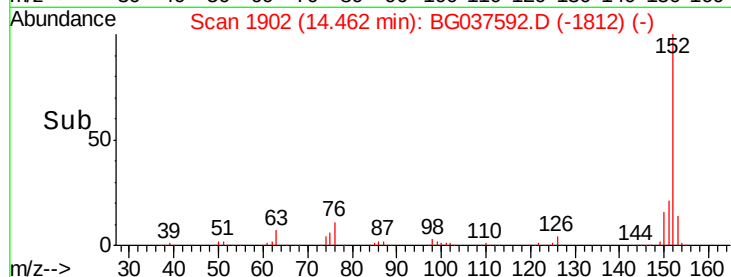
153 13.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.018 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

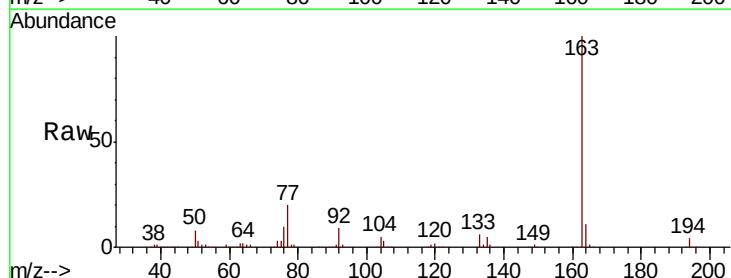
Tgt Ion:163 Resp: 493639

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

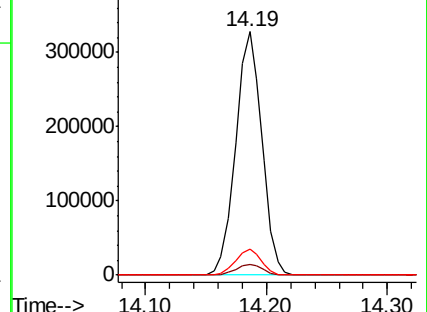
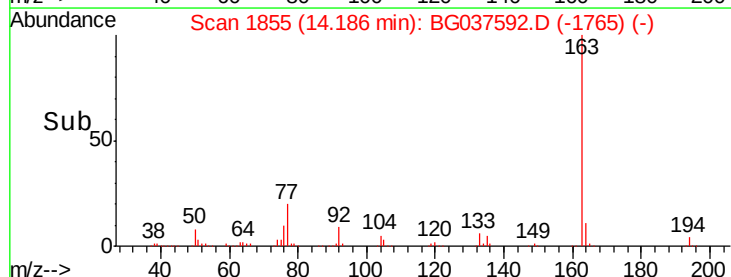
164 10.7 8.5 12.7

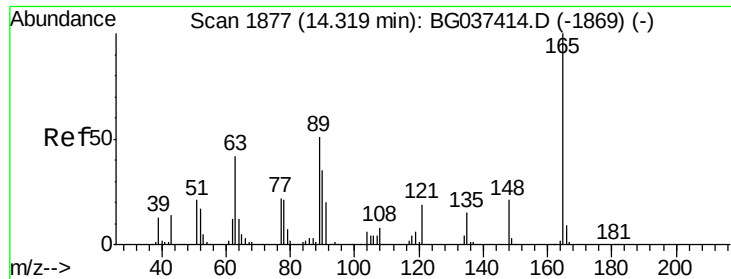


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

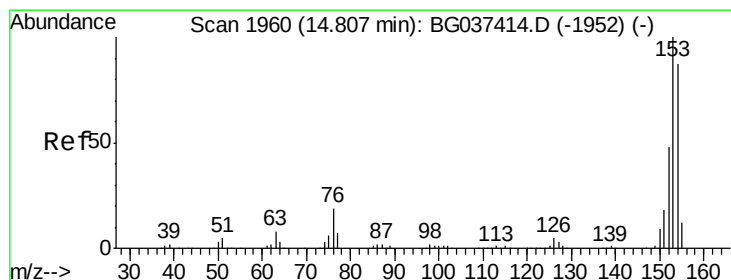
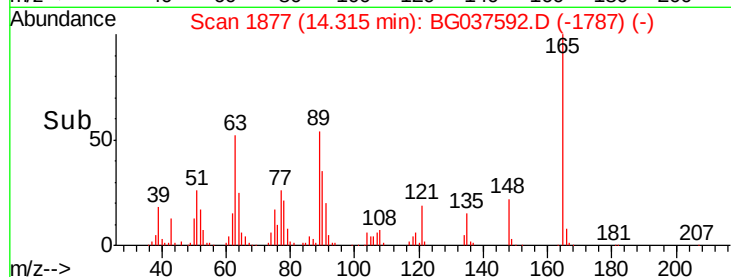
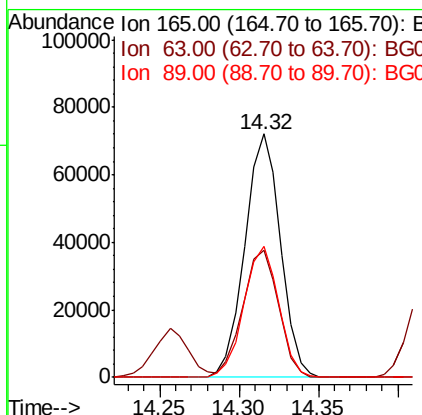
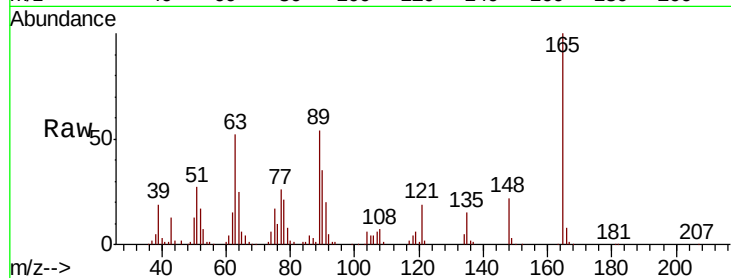




#51
 2,6-Dinitrotoluene
 Concen: 41.137 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

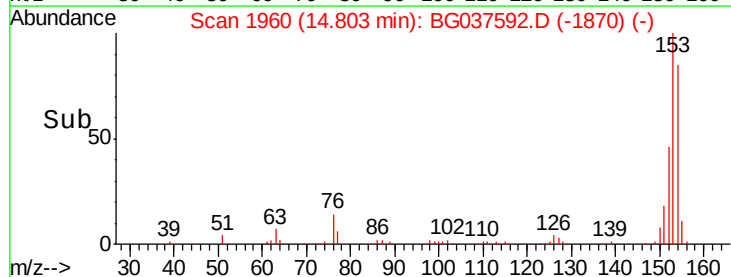
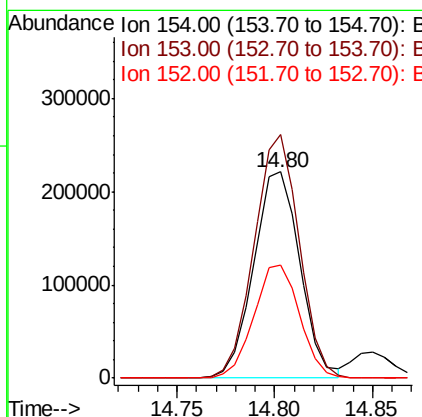
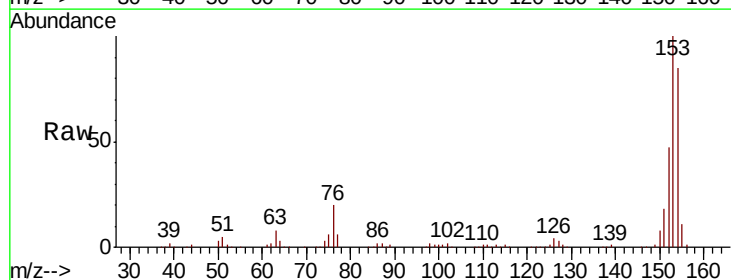
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

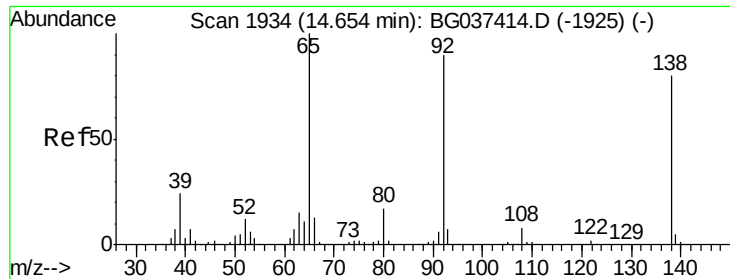
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	43.4	65.2
89	53.7	45.8	68.6



#52
 Acenaphthene
 Concen: 39.273 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.0	93.4	140.0
152	54.9	44.7	67.1





#53

3-Nitroaniline

Concen: 31.869 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

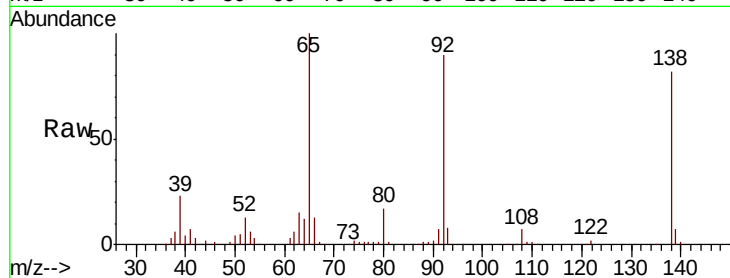
Tot Ion:138 Resp: 96546

Ion Ratio Lower Upper

138 100

108 8.4 11.0 16.6#

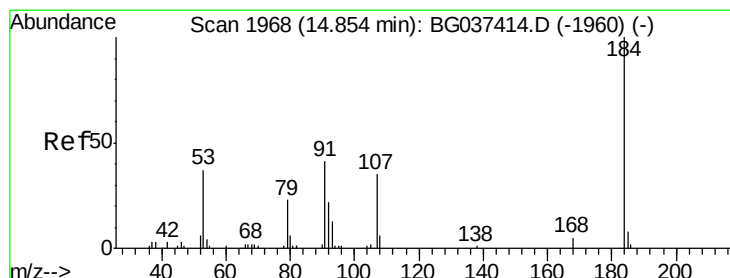
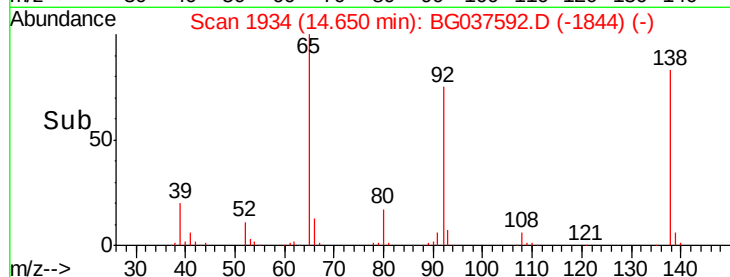
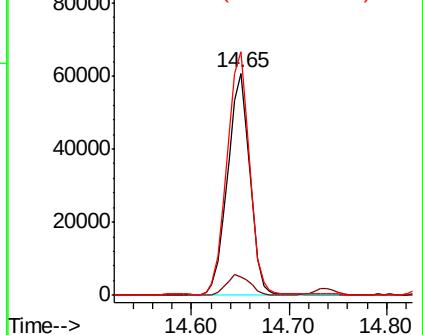
92 109.6 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 72.711 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

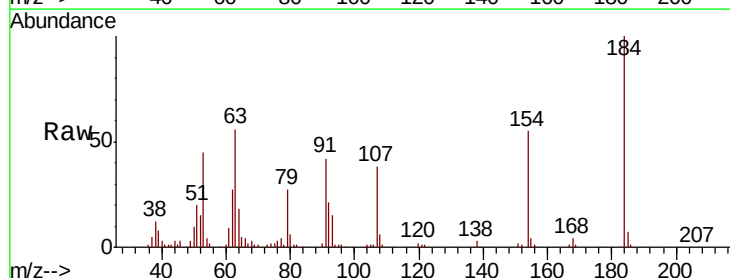
Tgt Ion:184 Resp: 82743

Ion Ratio Lower Upper

184 100

63 56.2 42.6 63.8

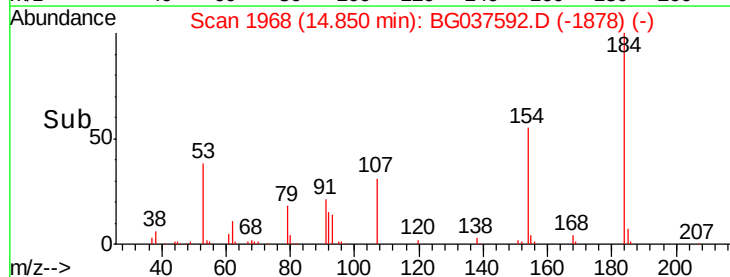
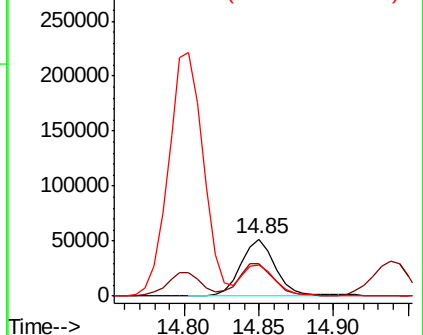
154 54.8 41.8 62.6

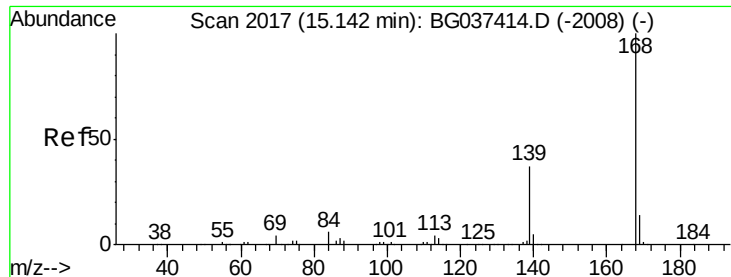


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

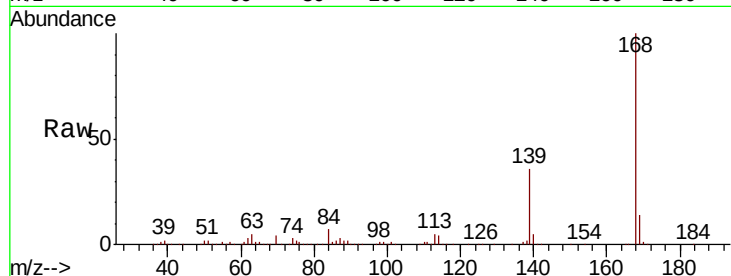




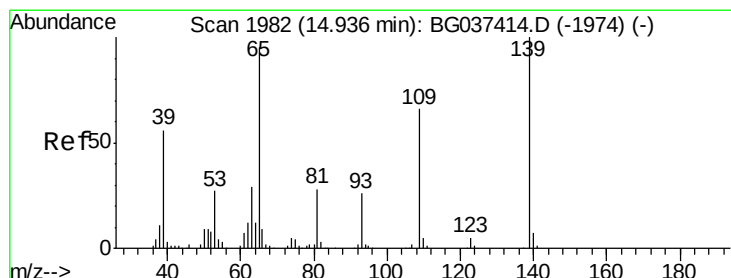
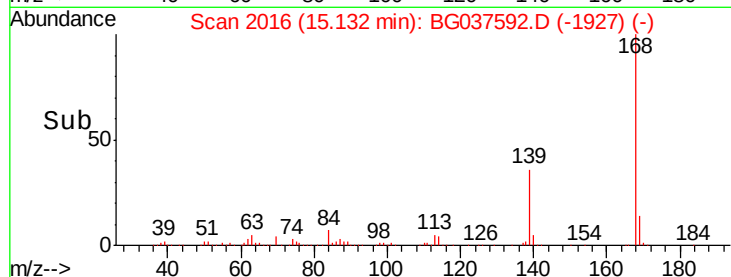
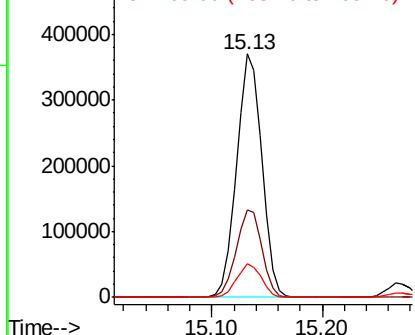
#55
Dibenzofuran
Concen: 38.698 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion:168 Resp: 593421
Ion Ratio Lower Upper
168 100
139 35.8 29.4 44.0
169 13.6 11.0 16.6

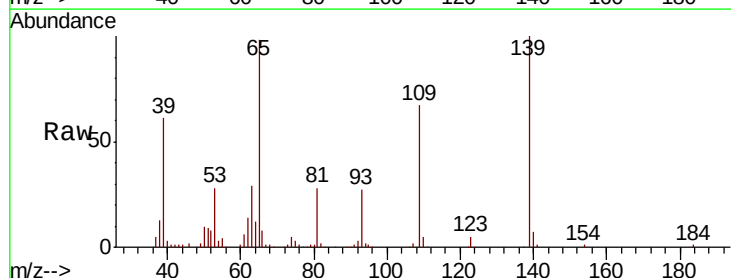


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

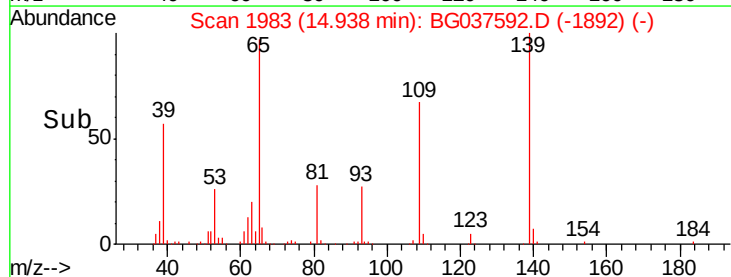
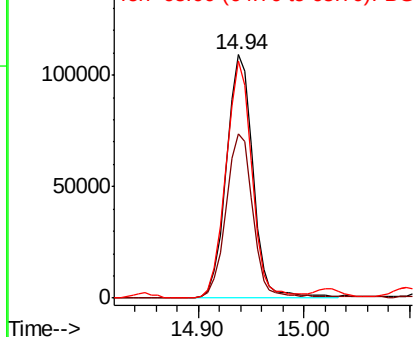


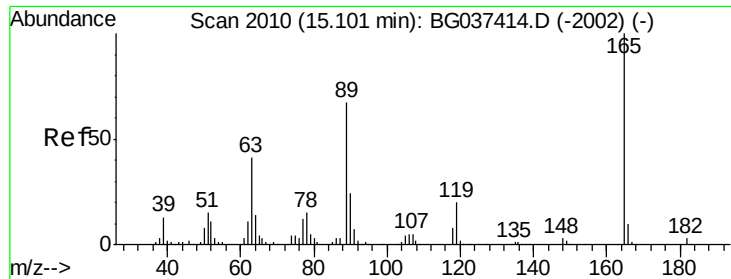
#56
4-Nitrophenol
Concen: 84.725 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:139 Resp: 189985
Ion Ratio Lower Upper
139 100
109 67.5 49.5 89.5
65 97.6 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

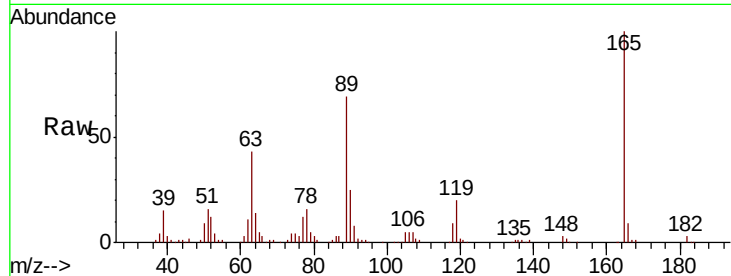




#57
2,4-Dinitrotoluene
Concen: 43.984 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	33.4	50.0
89	69.0	57.2	85.8
182	3.1	2.6	4.0



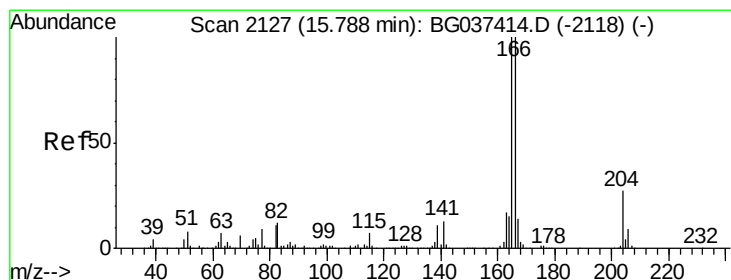
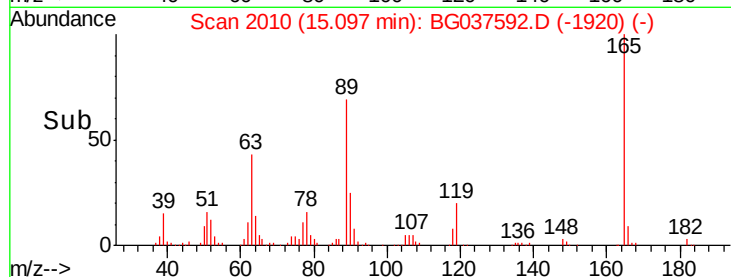
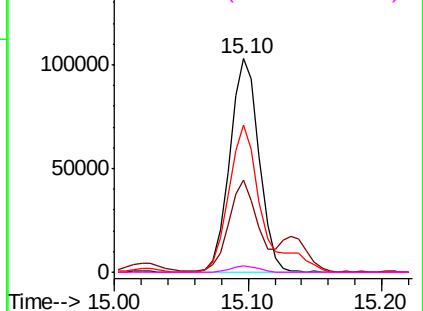
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

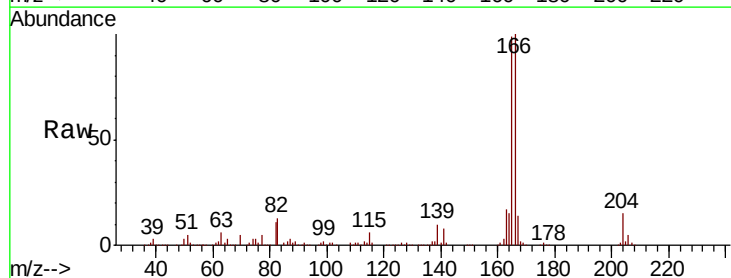
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.170 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.6
167	14.3	11.3	16.9

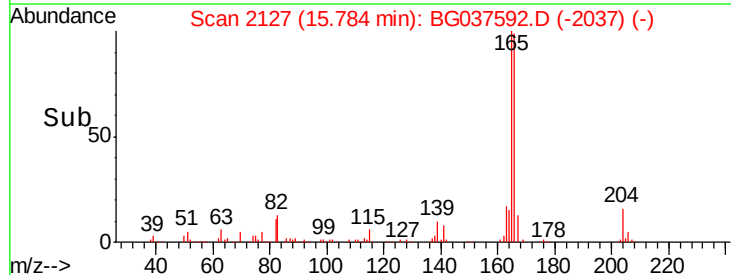
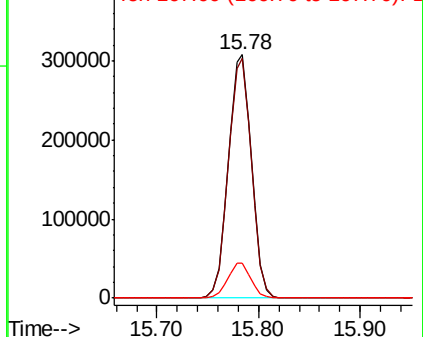


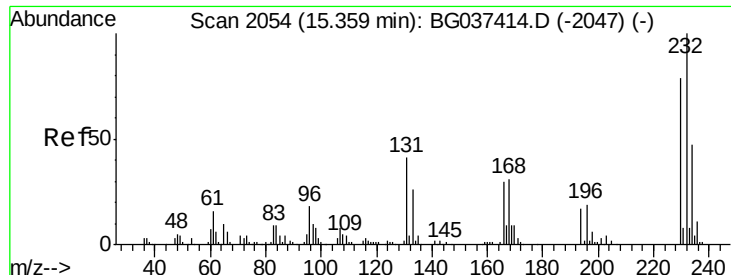
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

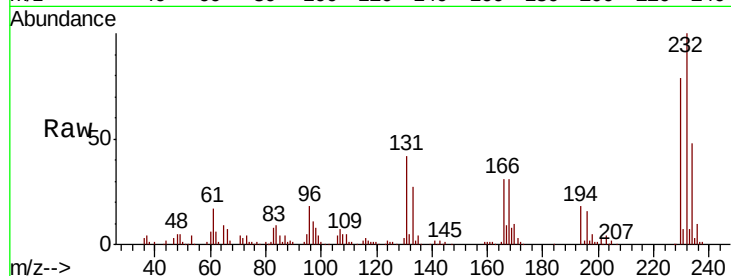




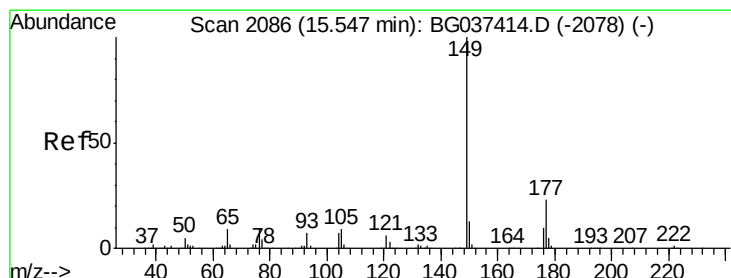
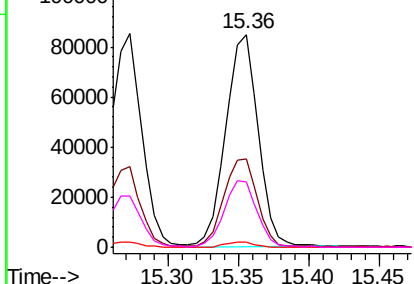
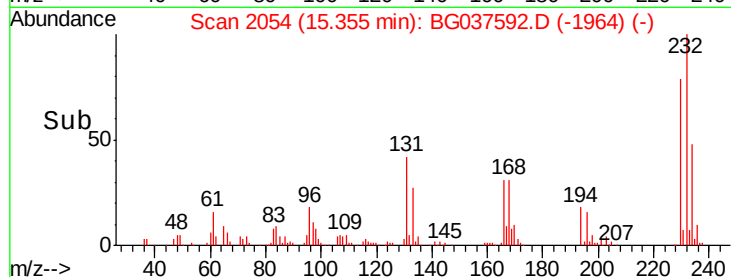
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.414 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion:232 Resp: 135860
Ion Ratio Lower Upper
232 100
131 42.8 33.7 50.5
130 2.5 2.1 3.1
166 31.8 24.6 36.8

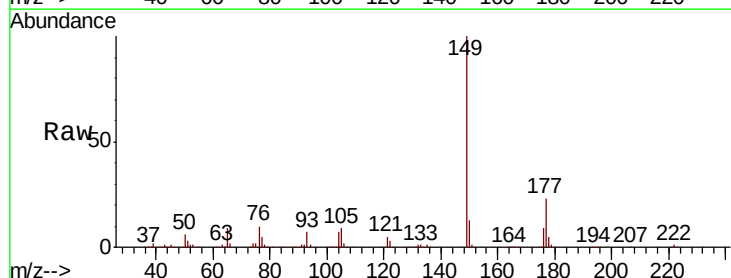


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

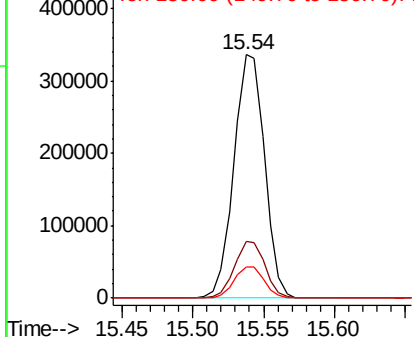
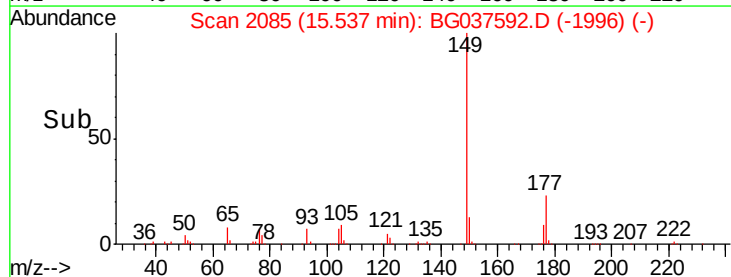


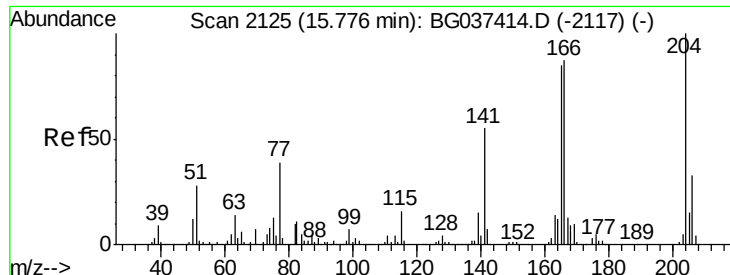
#60
Diethylphthalate
Concen: 40.185 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:149 Resp: 508920
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 13.0 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

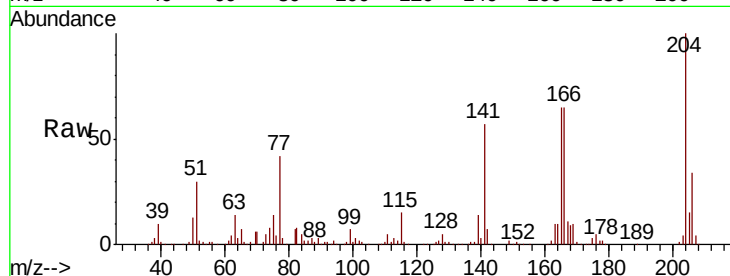




#61
4-Chlorophenyl-phenylether
Concen: 37.113 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	57.0	45.4	68.2

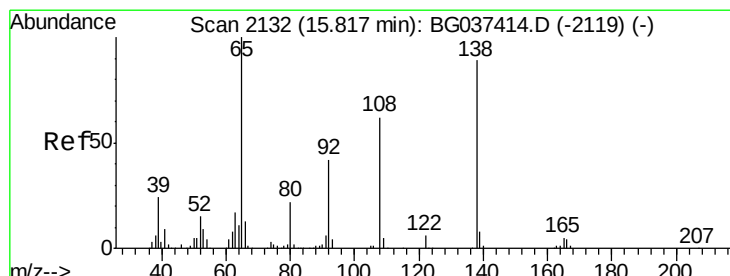
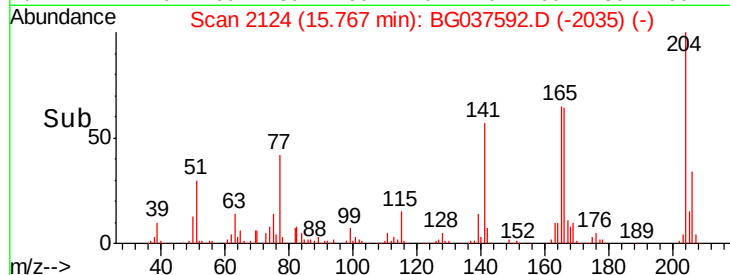
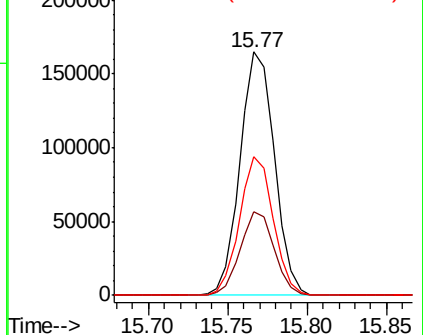


Abundance

Ion 204.00 (203.70 to 204.70): E

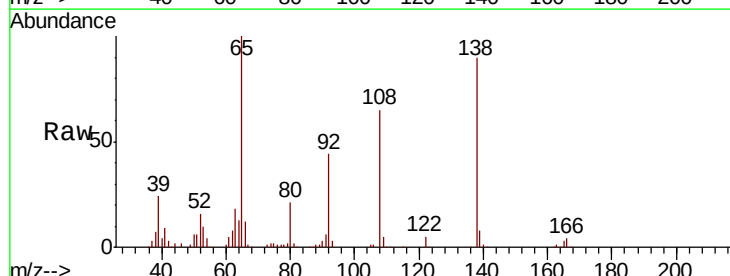
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.484 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	36.4	76.4
108	72.9	60.1	100.1

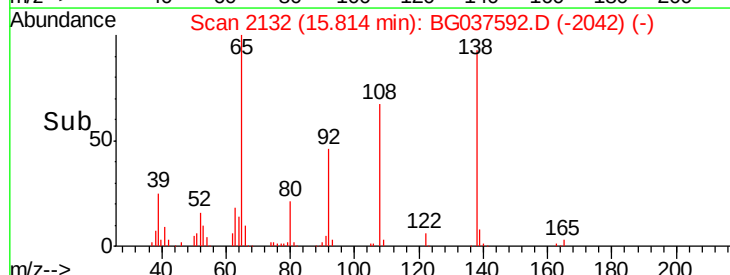
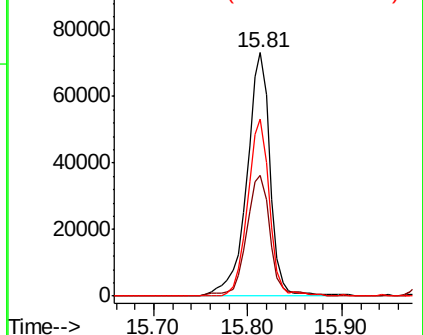


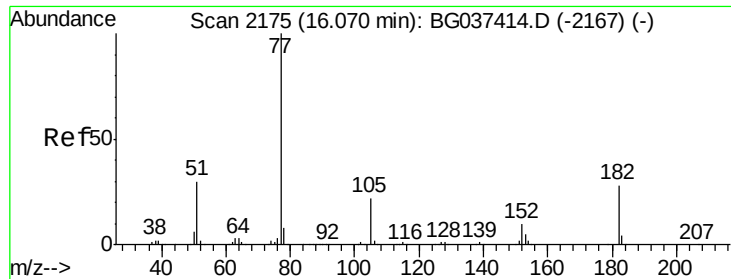
Abundance

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

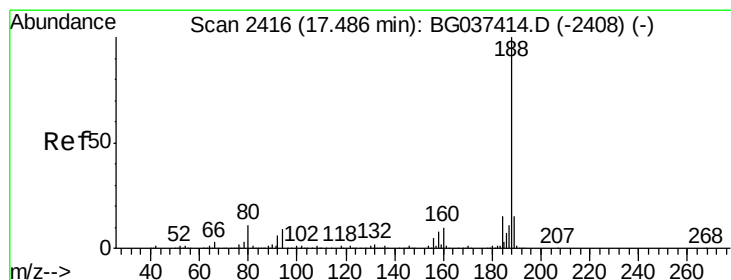
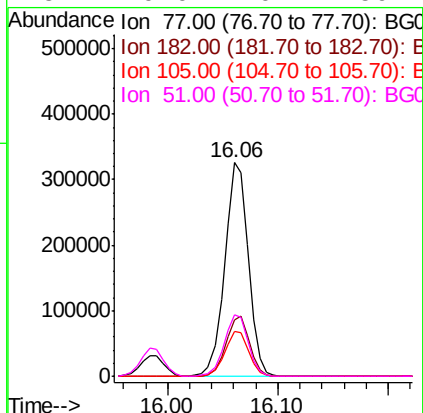
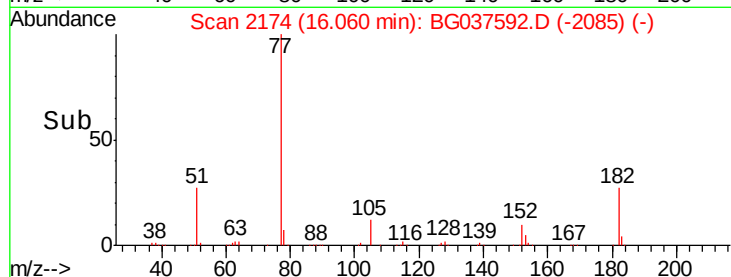
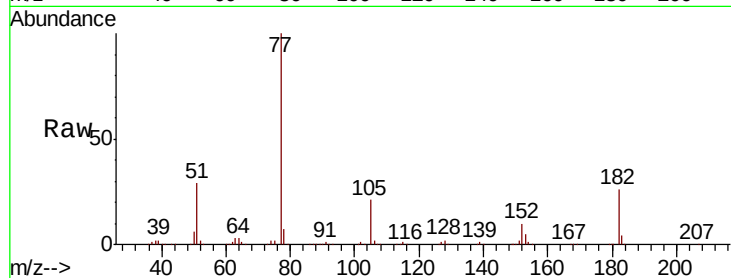




#63
Azobenzene
Concen: 40.133 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

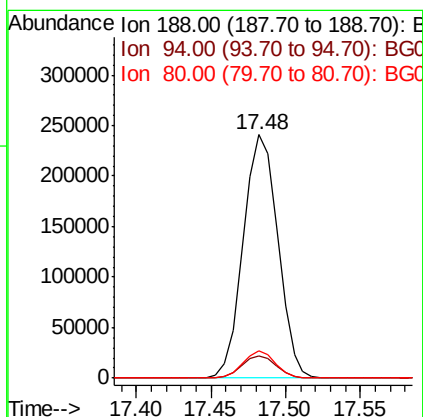
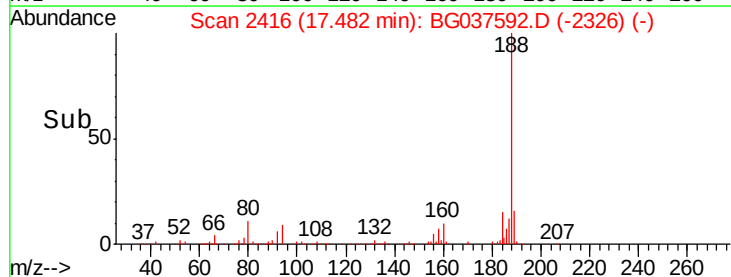
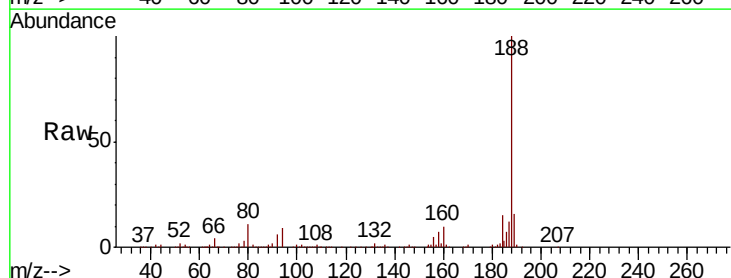
Instrument :
BNA_G
ClientSampleId :
PB114161BS

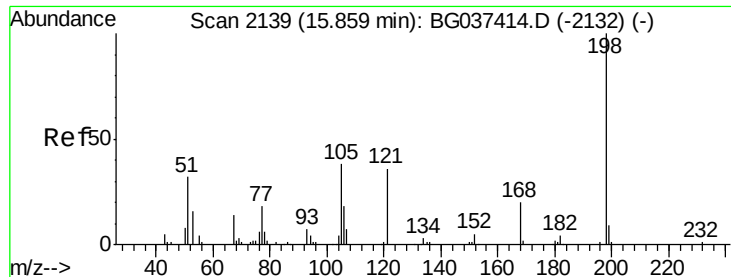
Tot Ion:	77	Resp:	484939
Ion	Ratio	Lower	Upper
77	100		
182	26.1	8.0	48.0
105	20.7	1.3	41.3
51	29.0	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:	188	Resp:	386566
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	11.3	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 39.603 ng

RT: 15.85 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

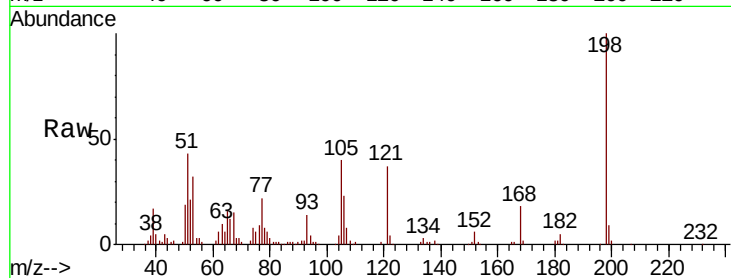
Tot Ion:198 Resp: 76666

Ion Ratio Lower Upper

198 100

51 43.1 22.7 62.7

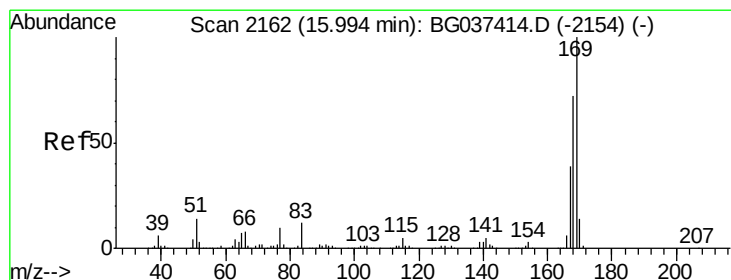
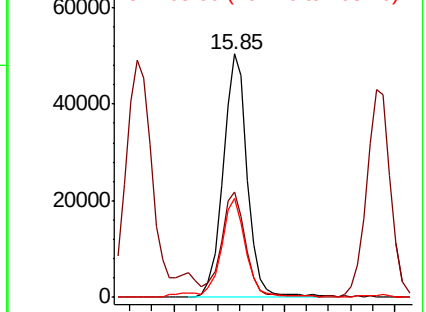
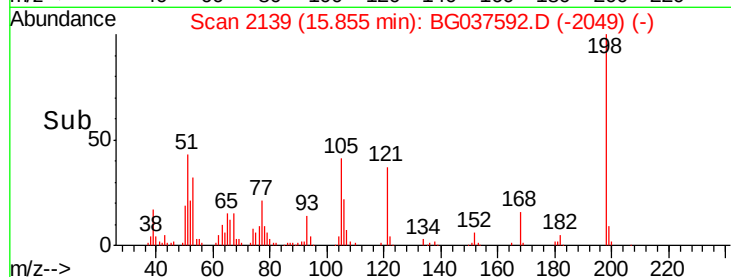
105 40.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037592.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.905 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

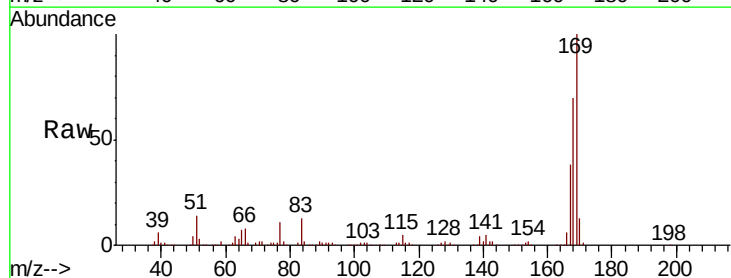
Tgt Ion:169 Resp: 440759

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

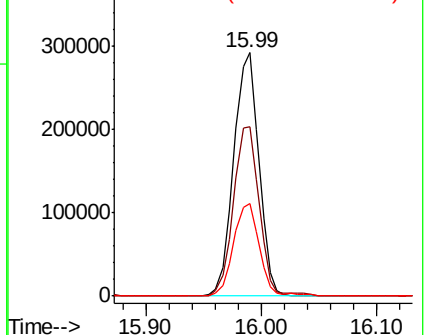
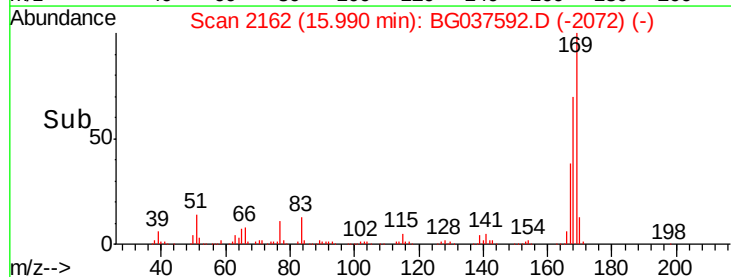
167 38.0 31.3 46.9

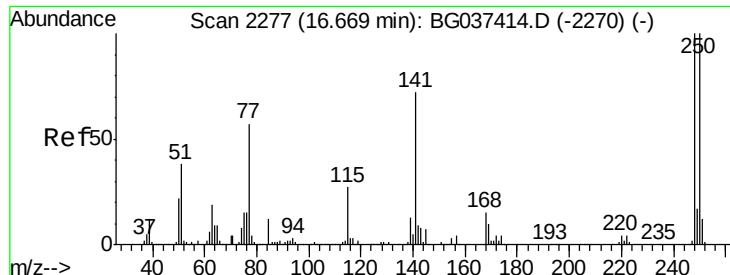


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.711 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampled :

PB114161BS

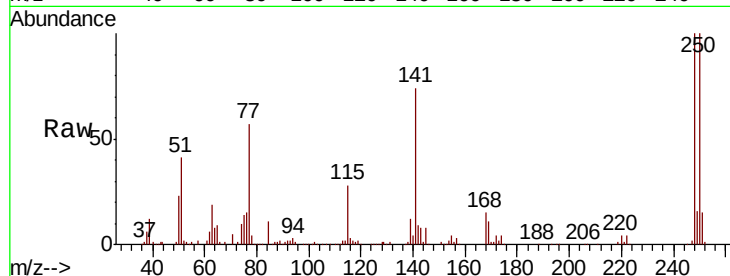
Tot Ion:248 Resp: 155841

Ion Ratio Lower Upper

248 100

250 99.7 77.0 115.6

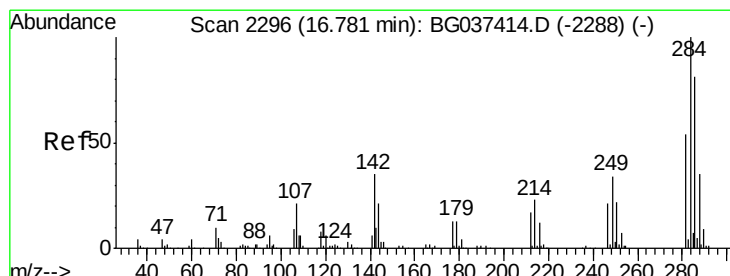
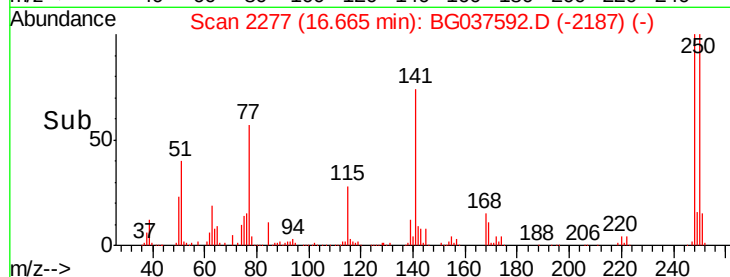
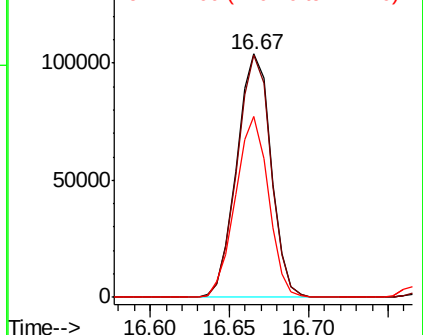
141 74.2 55.5 83.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.379 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

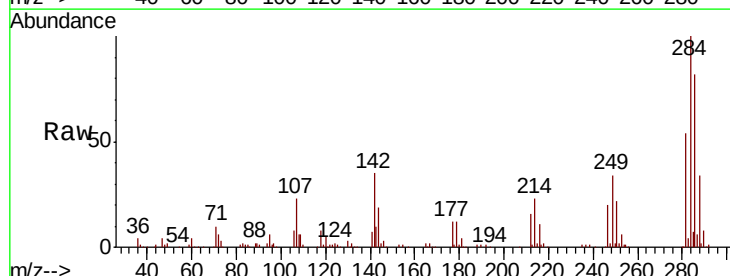
Tgt Ion:284 Resp: 160057

Ion Ratio Lower Upper

284 100

142 34.6 28.1 42.1

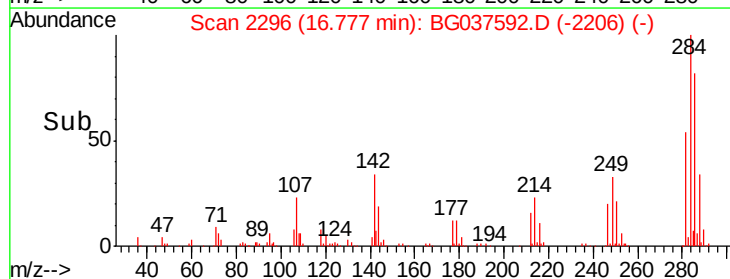
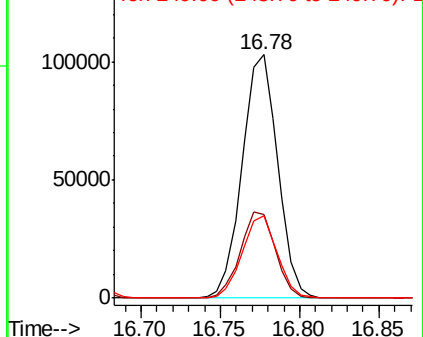
249 35.5 29.8 44.8

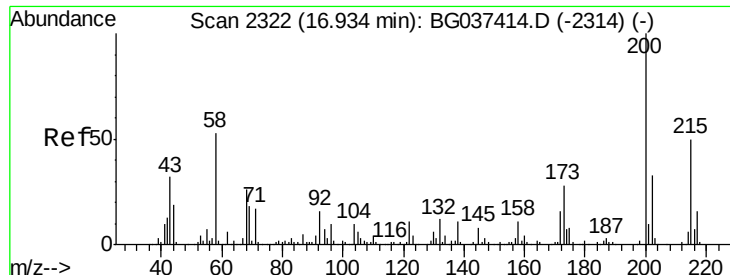


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.637 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

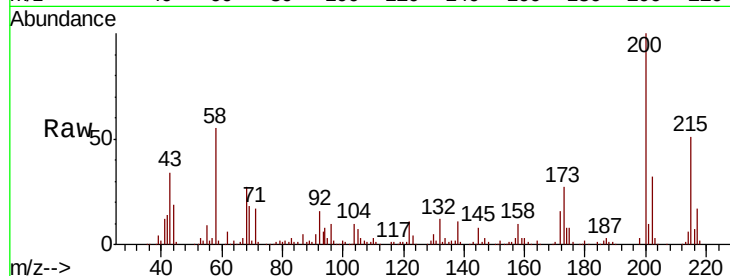
Tot Ion:200 Resp: 166639

Ion Ratio Lower Upper

200 100

173 26.8 6.1 46.1

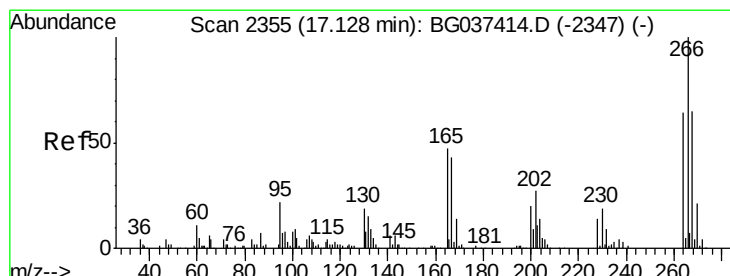
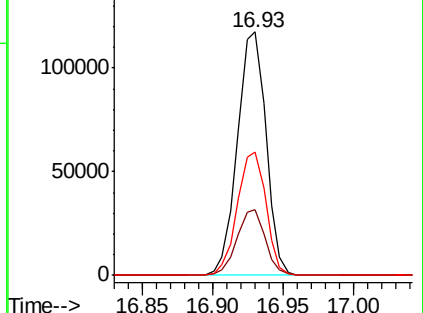
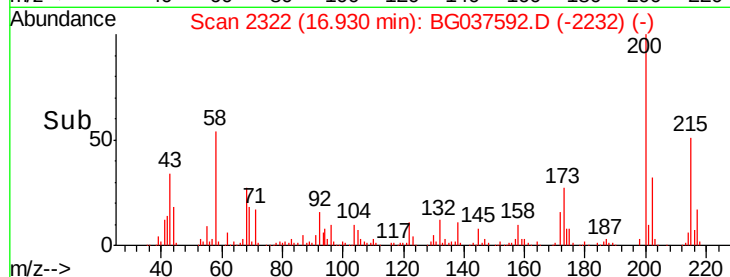
215 50.7 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 65.103 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

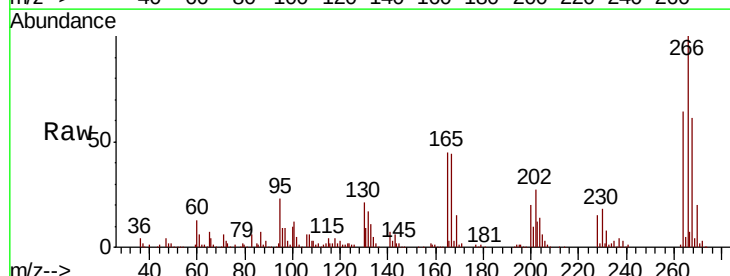
Tgt Ion:266 Resp: 191861

Ion Ratio Lower Upper

266 100

268 65.6 55.0 82.6

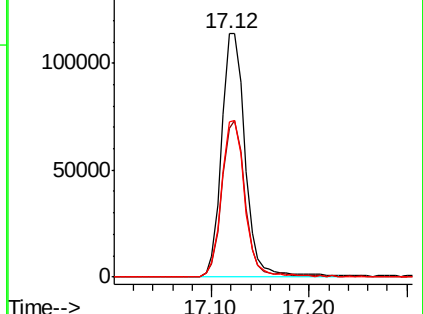
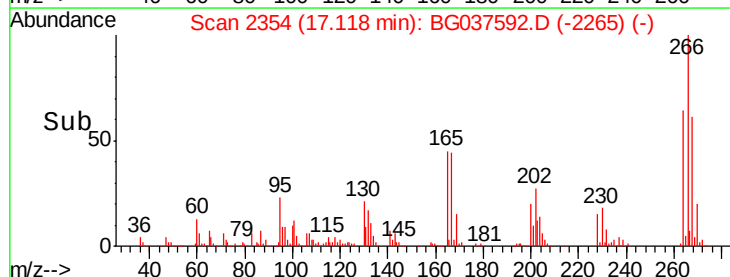
264 68.5 58.9 88.3

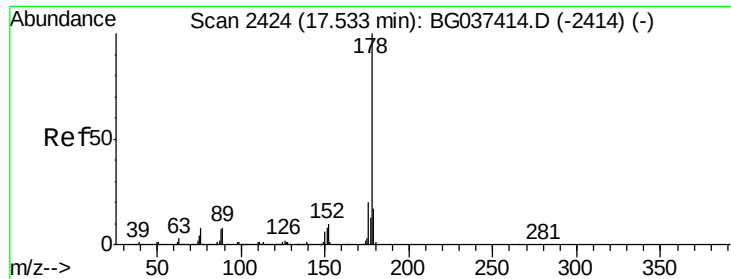


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

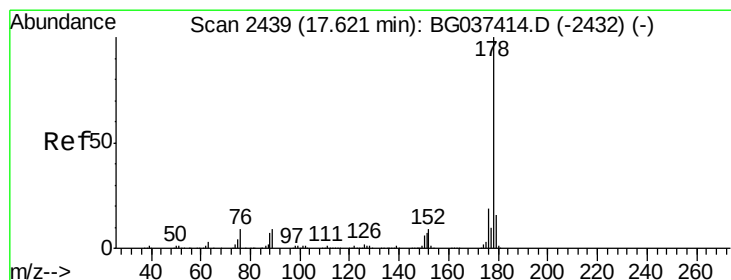
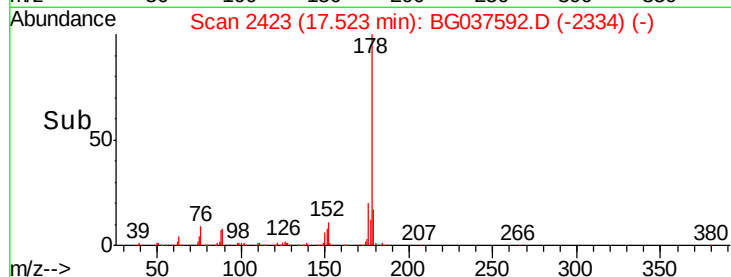
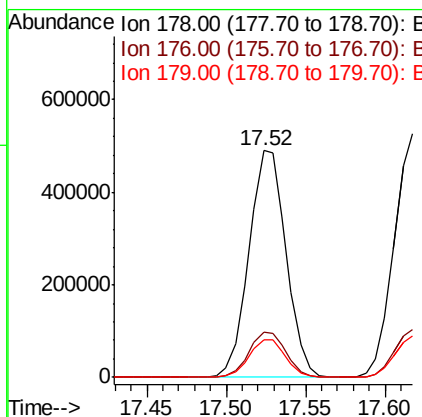
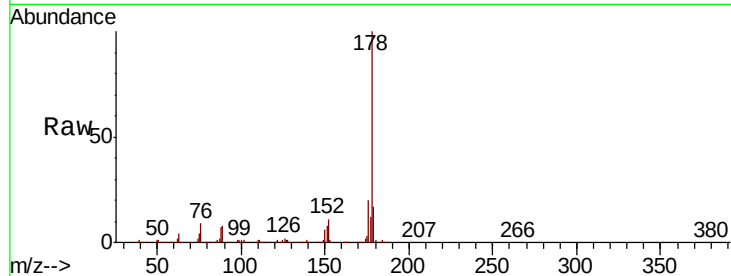




#71
Phenanthrene
Concen: 40.549 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

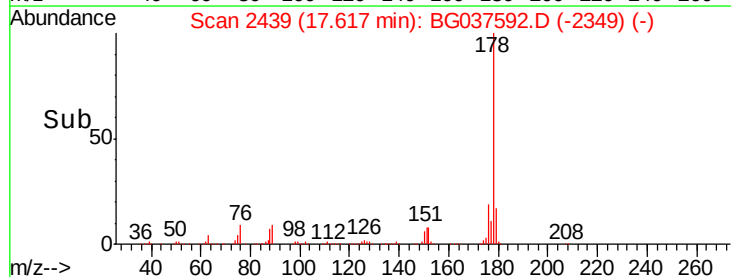
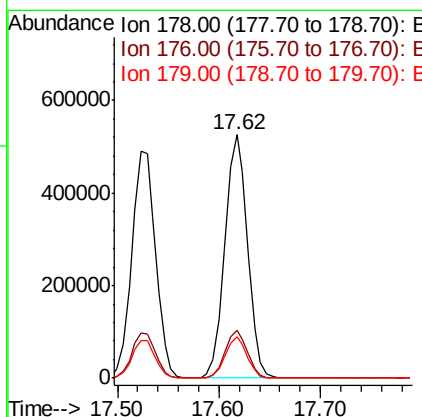
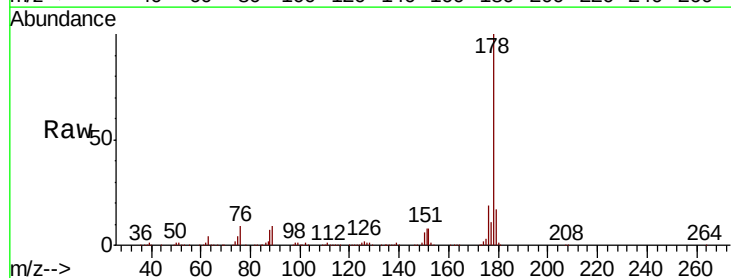
Instrument :
BNA_G
ClientSampleId :
PB114161BS

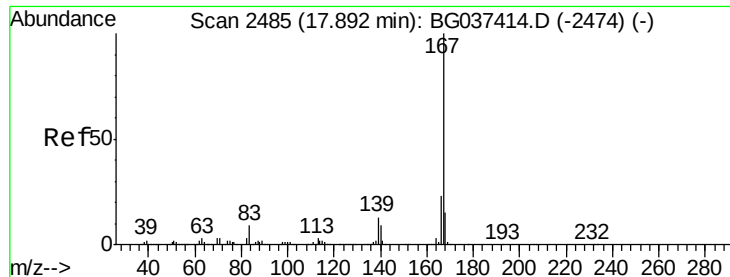
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	16.6	13.0	19.4



#72
Anthracene
Concen: 42.061 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	16.8	12.8	19.2





#73

Carbazole

Concen: 38.313 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

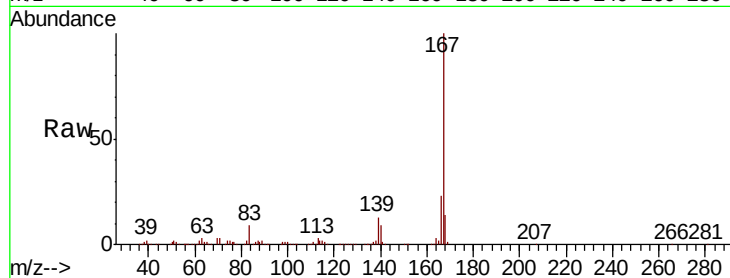
Tot Ion:167 Resp: 738896

Ion Ratio Lower Upper

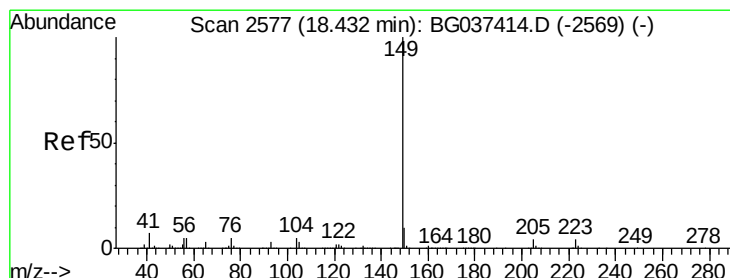
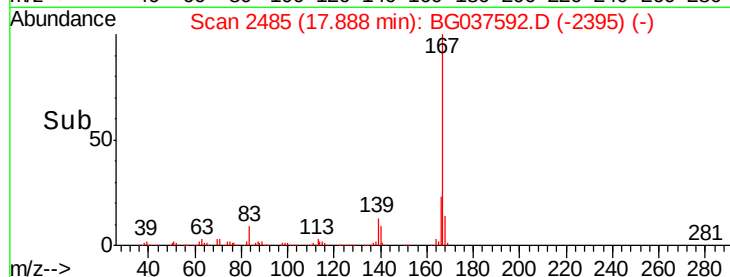
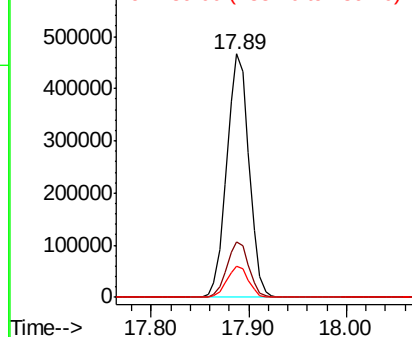
167 100

166 22.8 18.3 27.5

139 12.9 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: 41.168 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

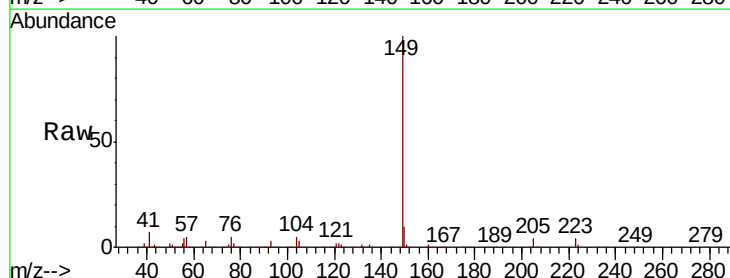
Tgt Ion:149 Resp: 883219

Ion Ratio Lower Upper

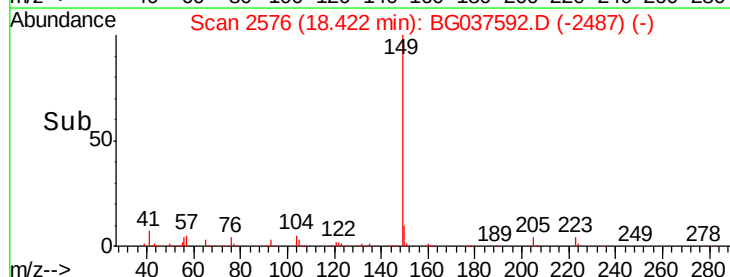
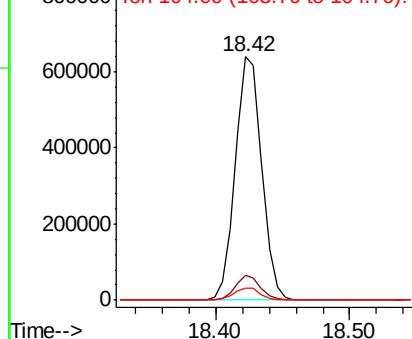
149 100

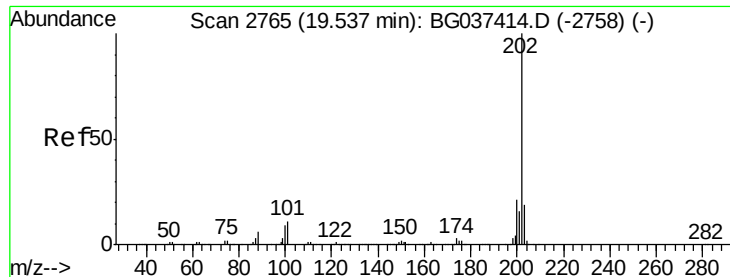
150 10.3 8.2 12.2

104 5.0 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: 41.602 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

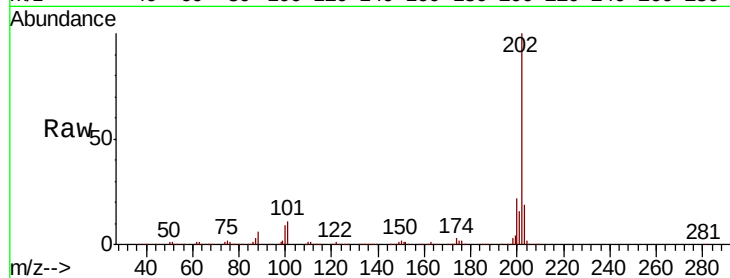
Tot Ion:202 Resp: 927021

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

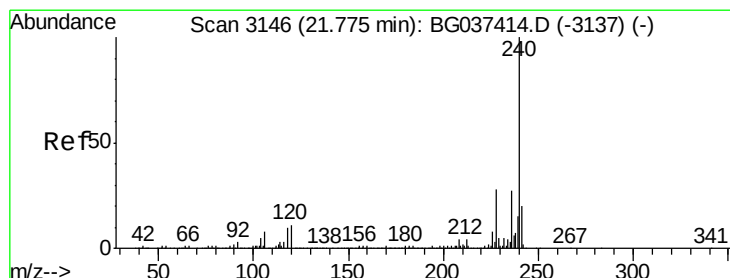
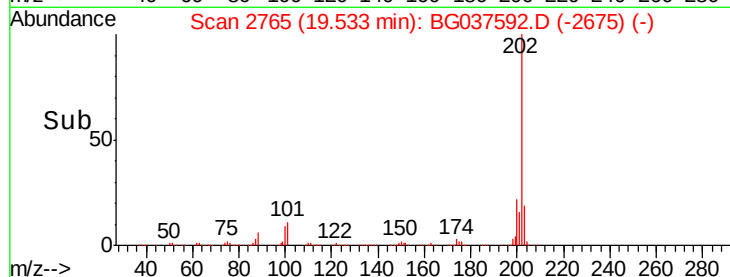
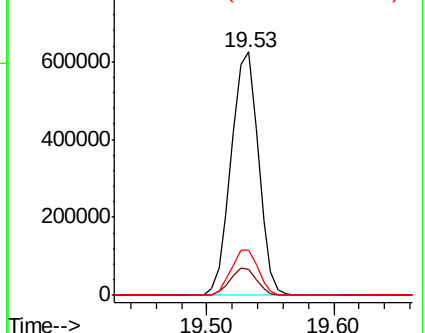
203 18.5 0.0 38.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

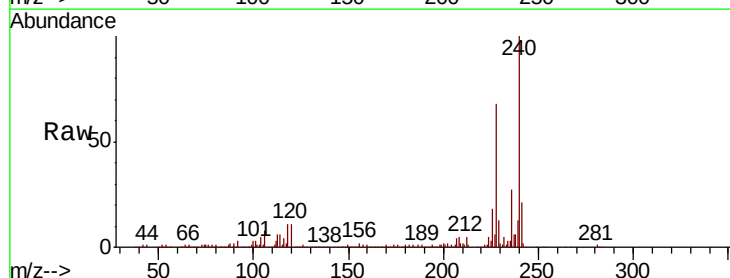
Tgt Ion:240 Resp: 342585

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

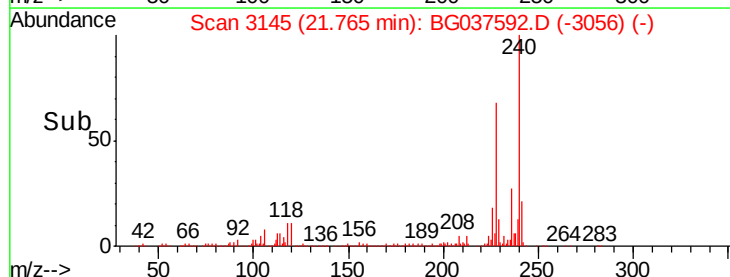
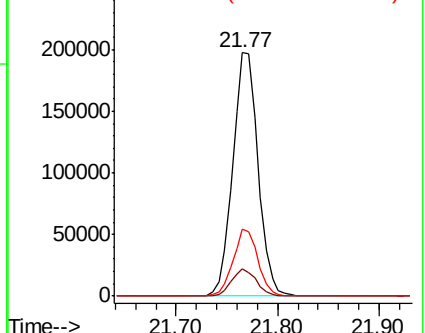
236 27.5 21.4 32.0

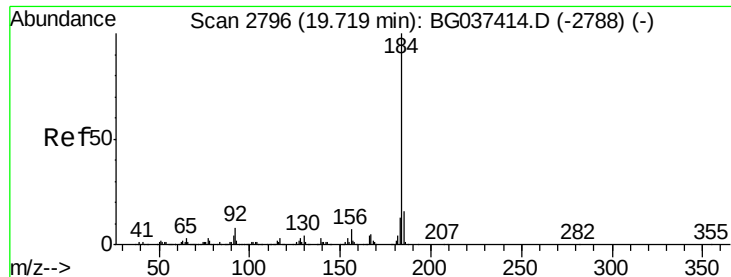


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.613 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

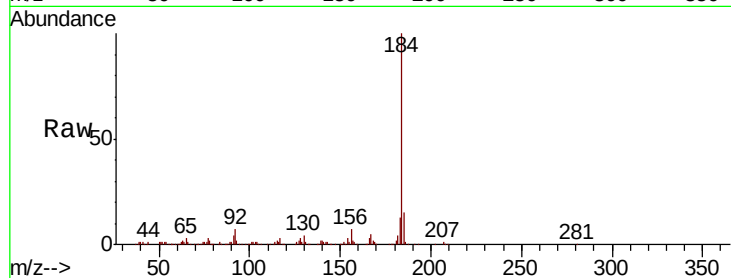
Tot Ion:184 Resp: 356605

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

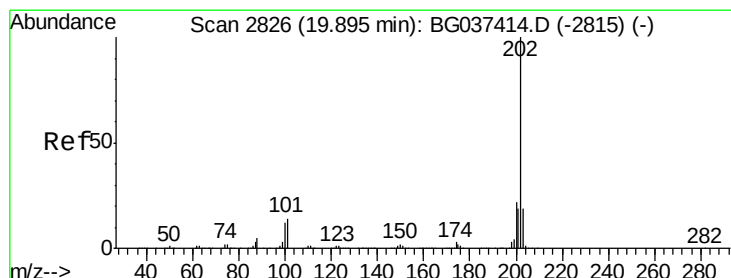
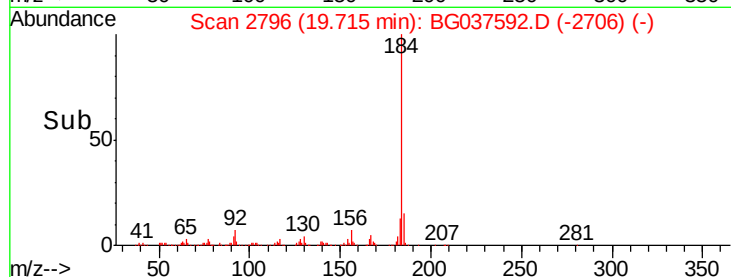
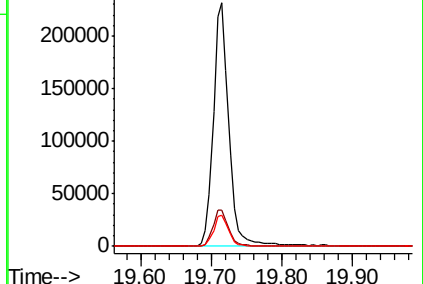
183 12.6 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.731 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

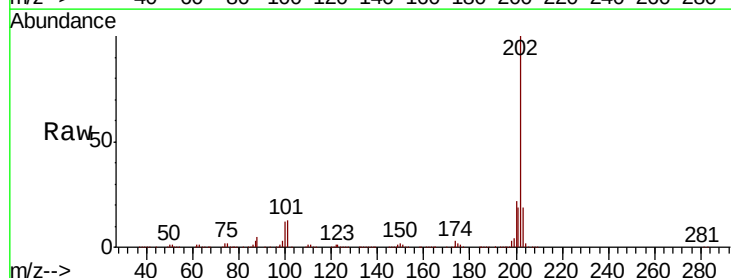
Tgt Ion:202 Resp: 912192

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

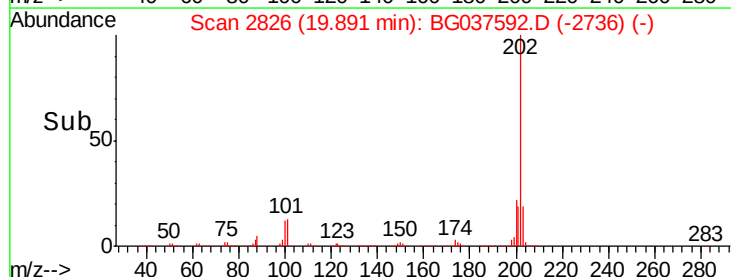
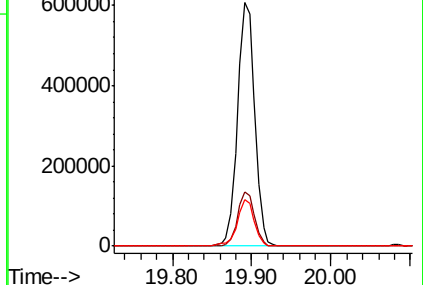
203 19.0 15.2 22.8

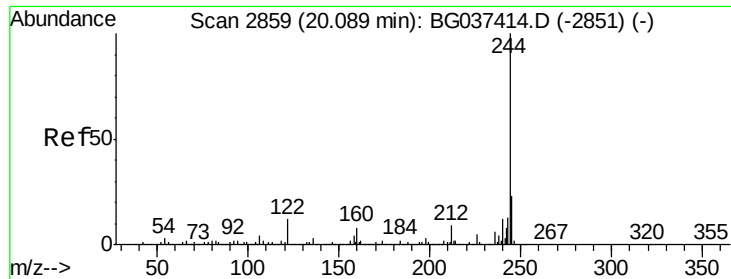


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.356 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

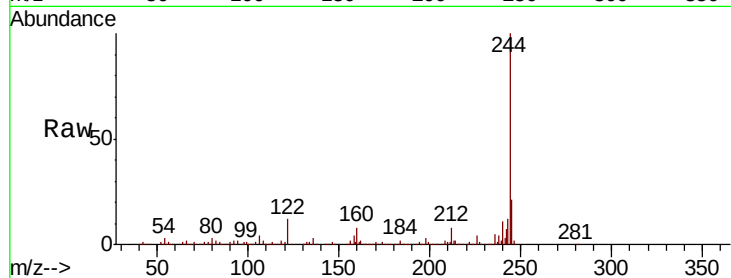
Tot Ion:244 Resp: 967681

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

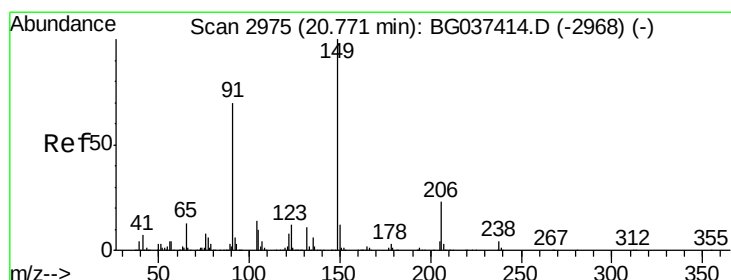
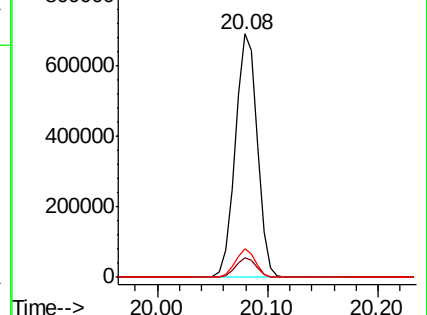
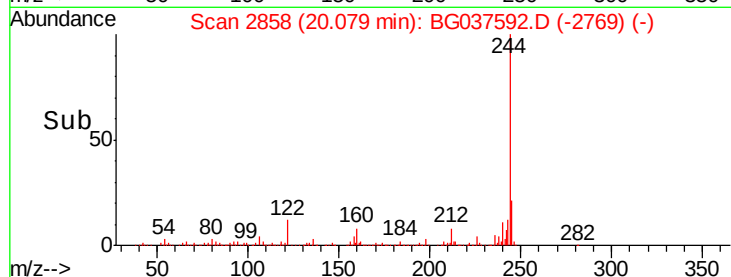
122 11.6 9.0 13.4



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: 43.239 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

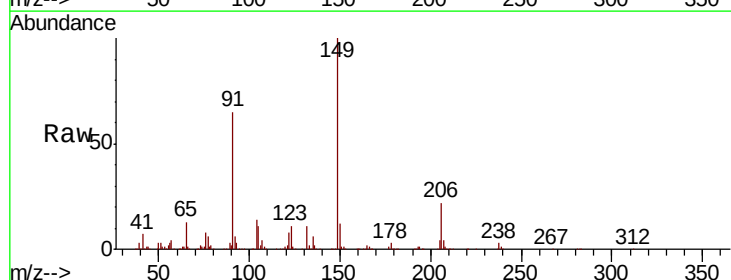
Tgt Ion:149 Resp: 396304

Ion Ratio Lower Upper

149 100

91 65.2 57.0 85.4

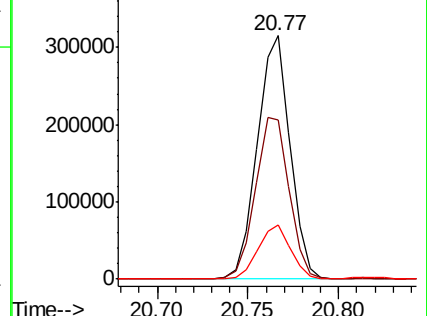
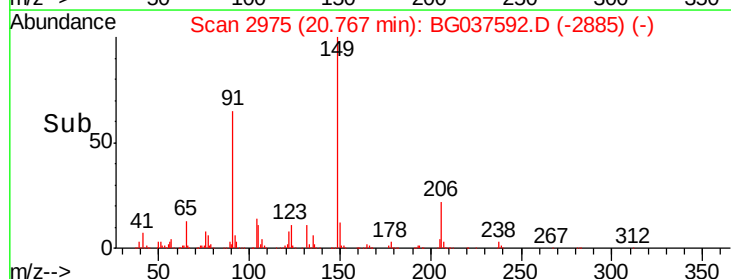
206 22.2 17.8 26.6

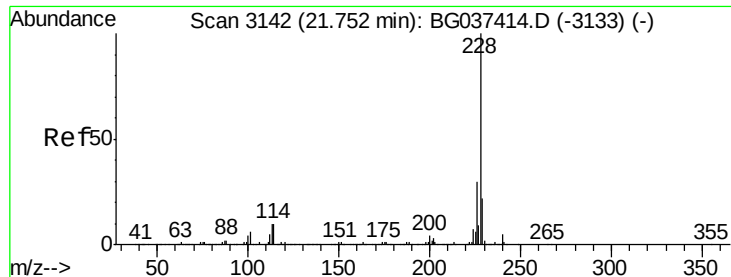


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

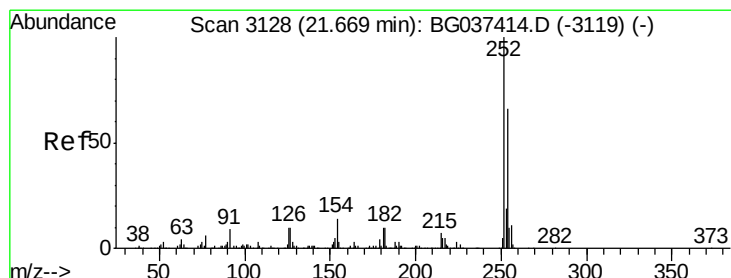
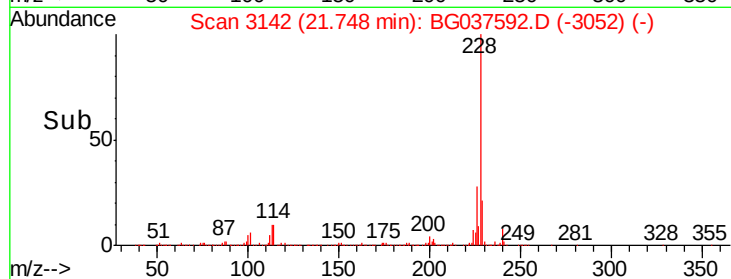
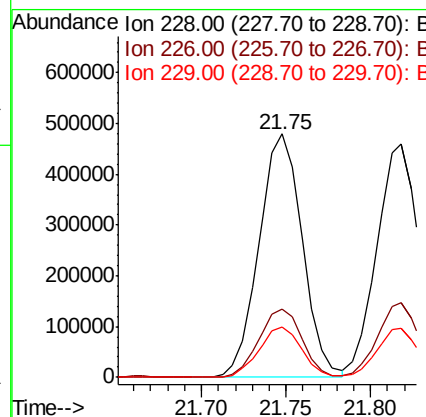
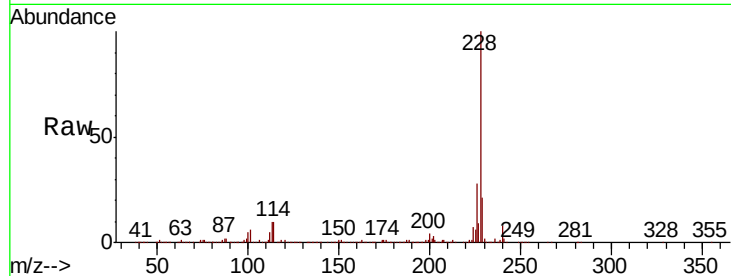




#81
Benzo(a)anthracene
Concen: 42.134 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

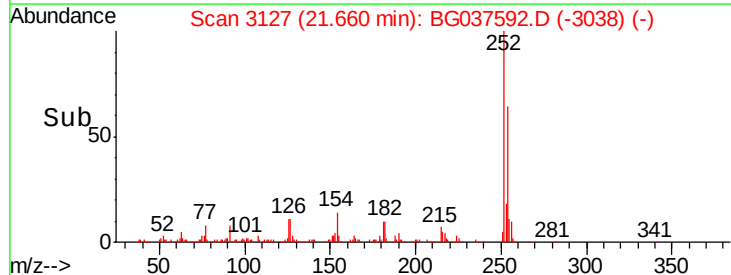
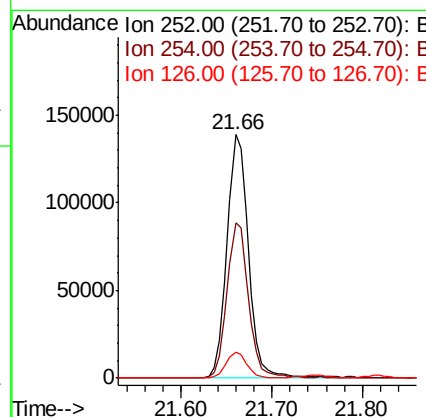
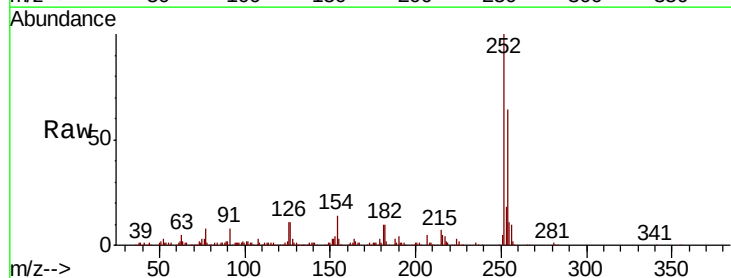
Instrument :
BNA_G
ClientSampleId :
PB114161BS

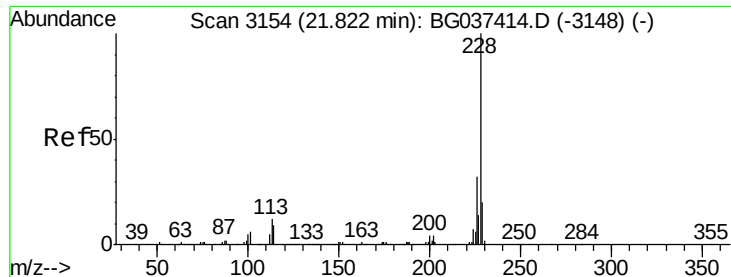
Tot Ion:228 Resp: 853790
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.8 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 29.098 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:252 Resp: 228542
Ion Ratio Lower Upper
252 100
254 63.8 52.0 78.0
126 10.7 8.2 12.4





#83

Chrysene

Concen: 41.018 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

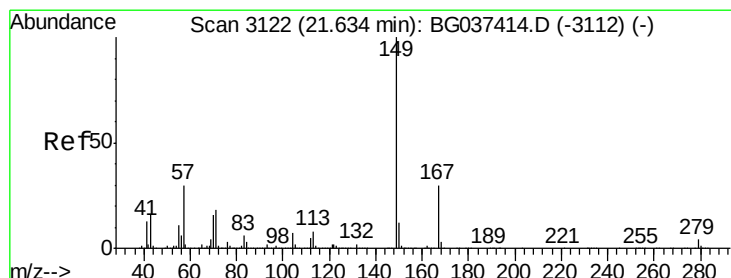
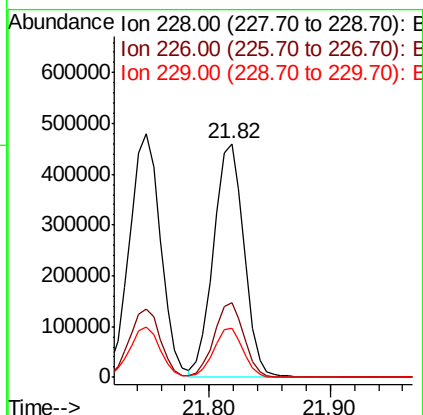
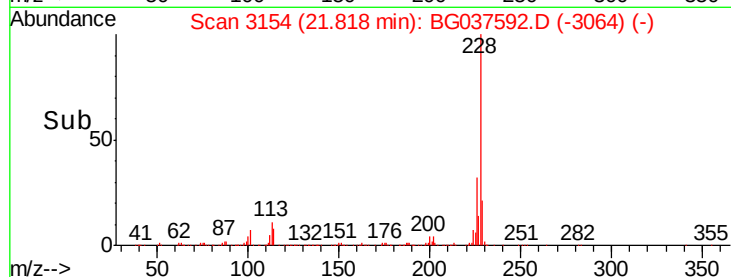
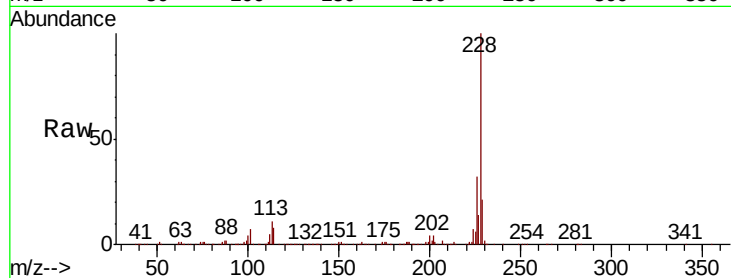
Tot Ion:228 Resp: 799239

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

229 20.8 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.778 ng

RT: 21.62 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

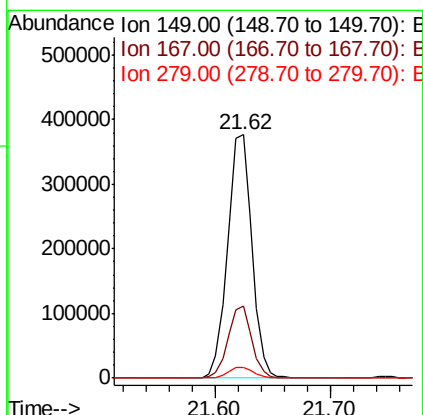
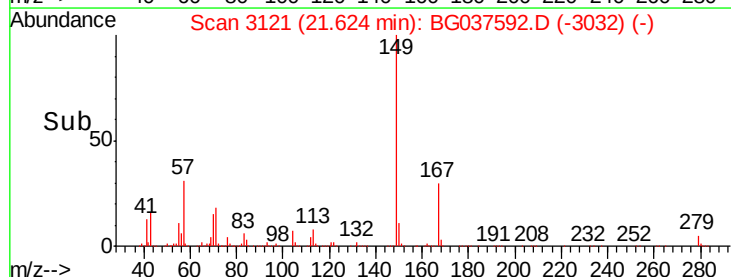
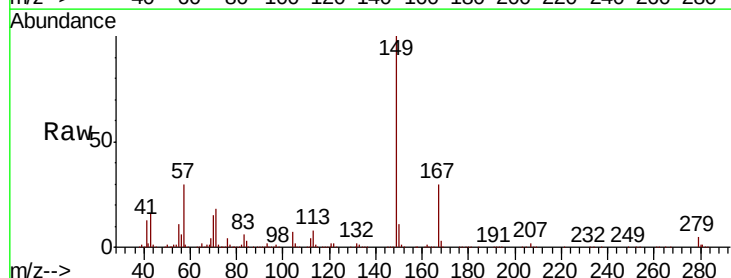
Tgt Ion:149 Resp: 549587

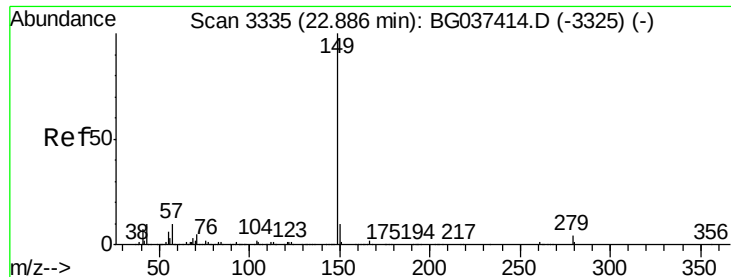
Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.373 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

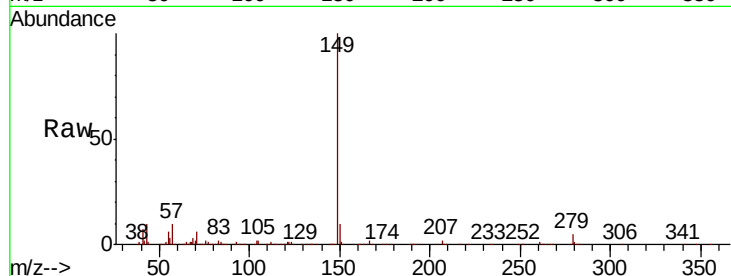
Tot Ion:149 Resp: 929599

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

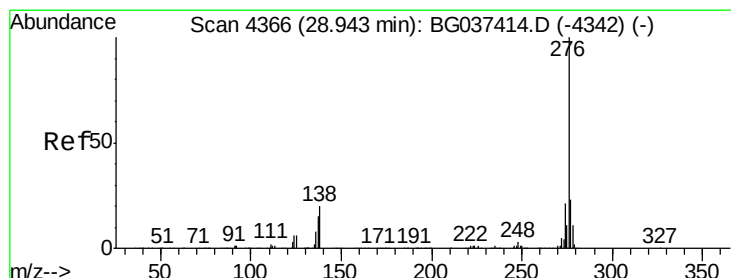
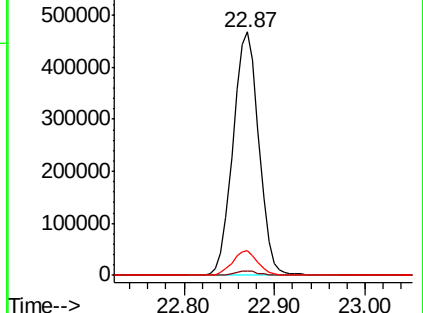
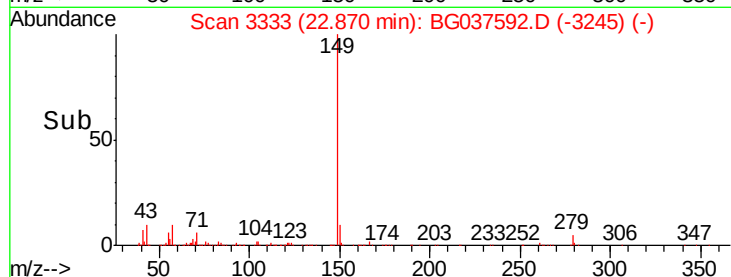
43 9.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.336 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

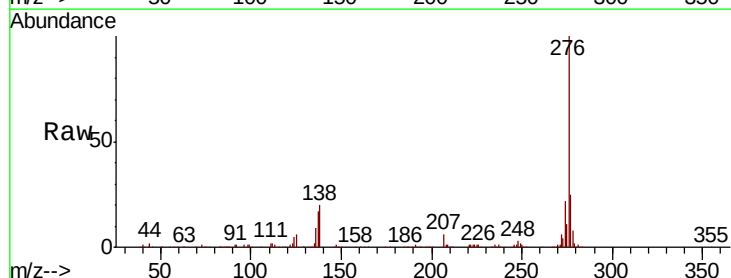
Tgt Ion:276 Resp: 863865

Ion Ratio Lower Upper

276 100

138 16.0 12.0 18.0

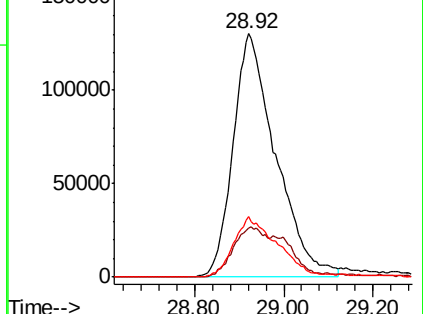
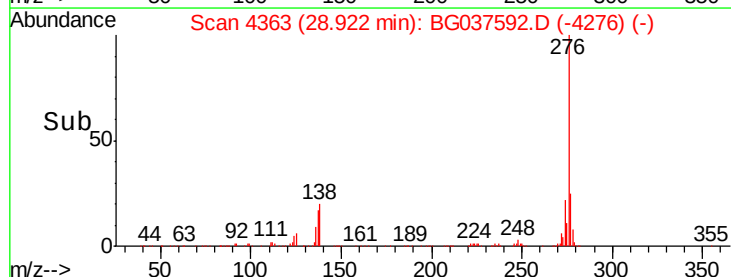
277 25.3 20.6 30.8

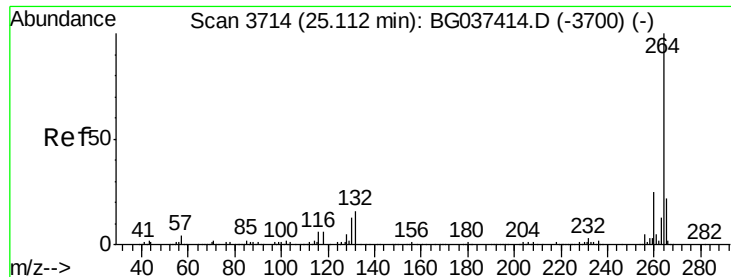


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

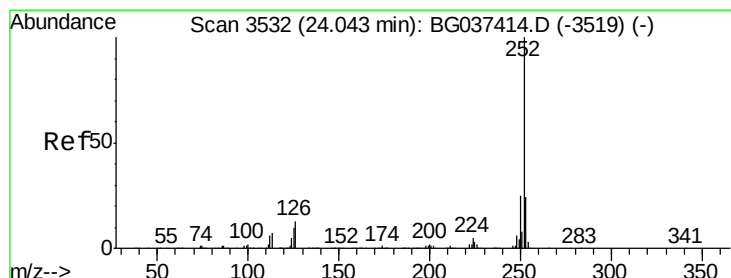
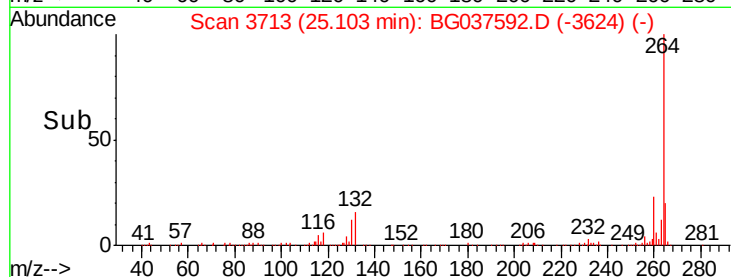
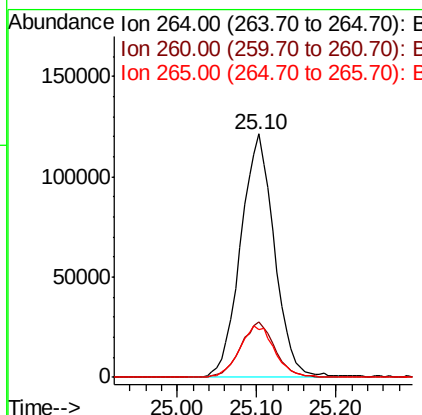
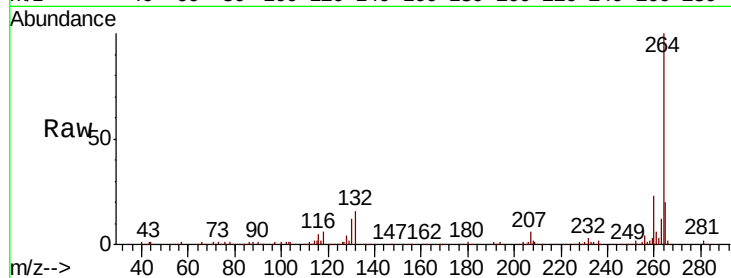




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

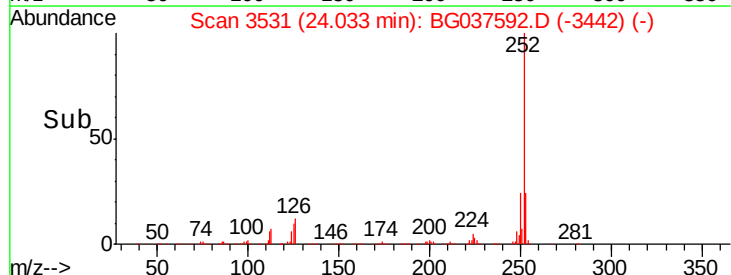
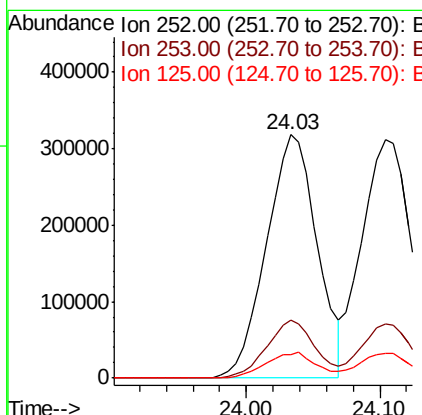
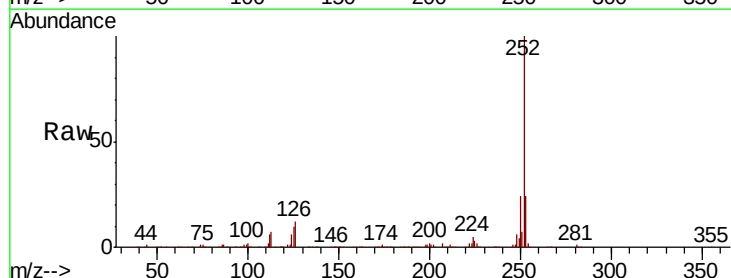
Instrument :
BNA_G
ClientSampleId :
PB114161BS

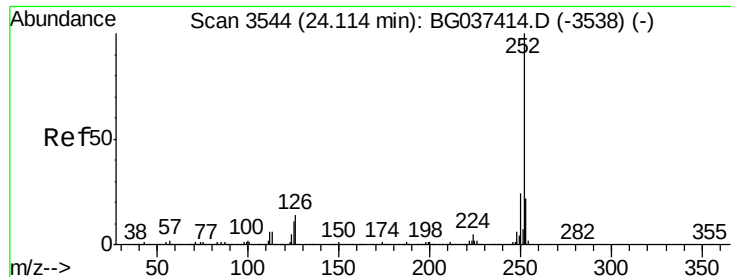
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	19.8	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 42.654 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.9	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 41.954 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

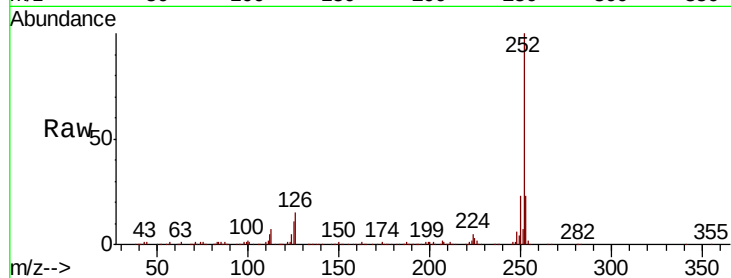
Tot Ion:252 Resp: 808009

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

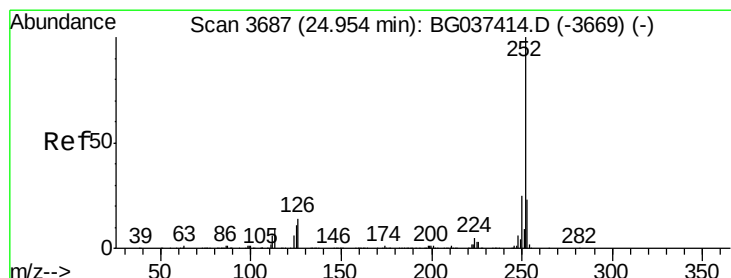
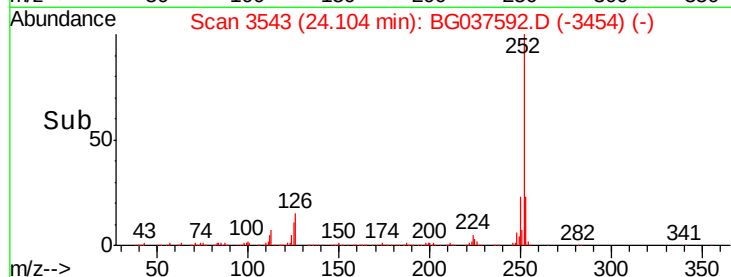
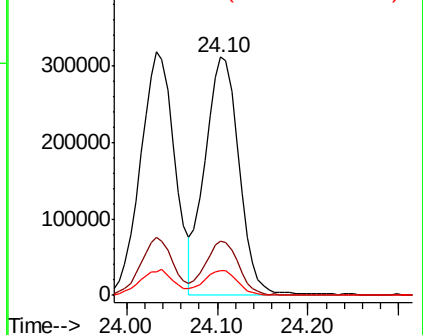
125 10.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.081 ng

RT: 24.94 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

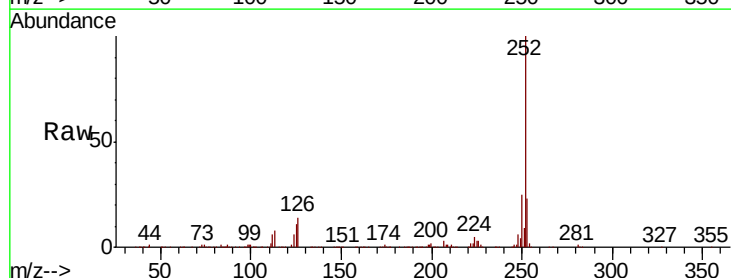
Tgt Ion:252 Resp: 804721

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

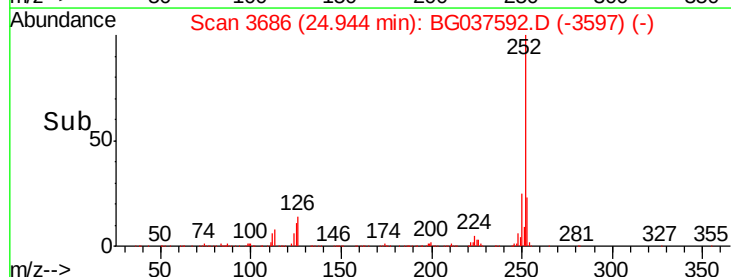
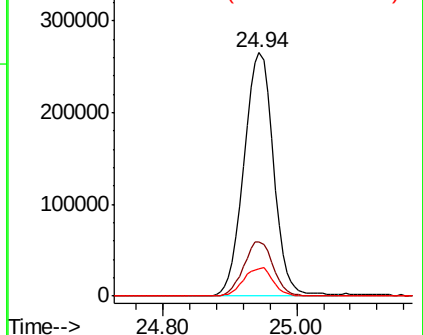
125 11.4 9.0 13.6

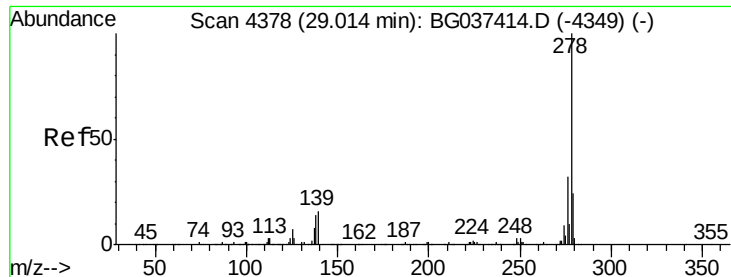


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.172 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

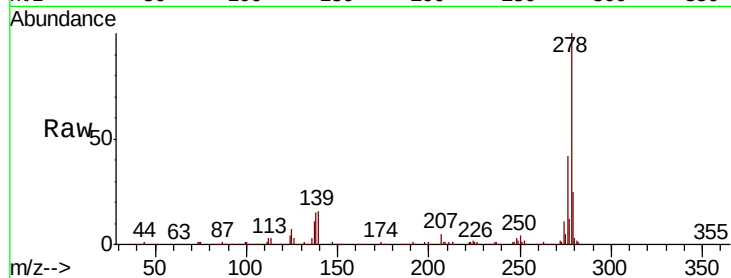
Tot Ion:278 Resp: 709414

Ion Ratio Lower Upper

278 100

139 16.1 11.5 17.3

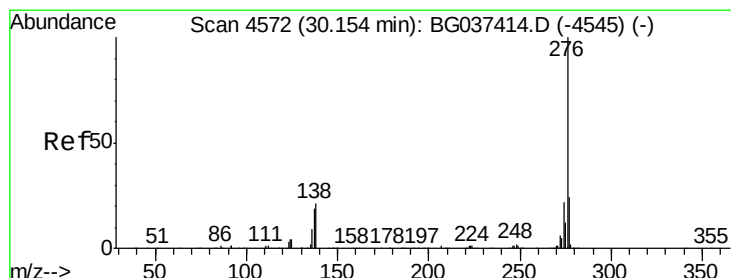
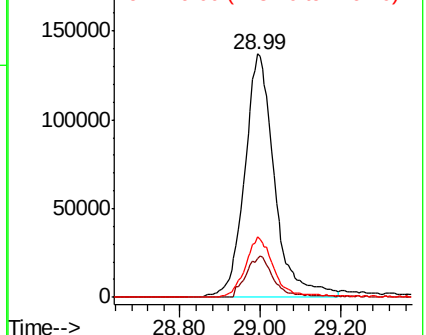
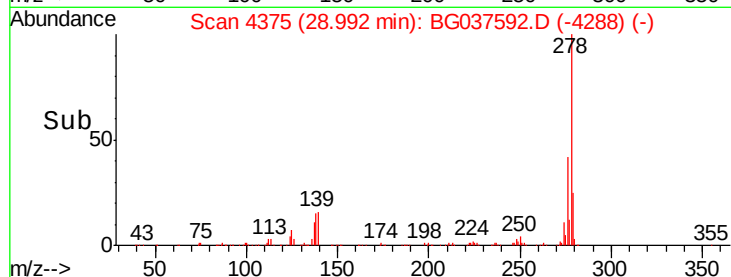
279 24.8 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.533 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

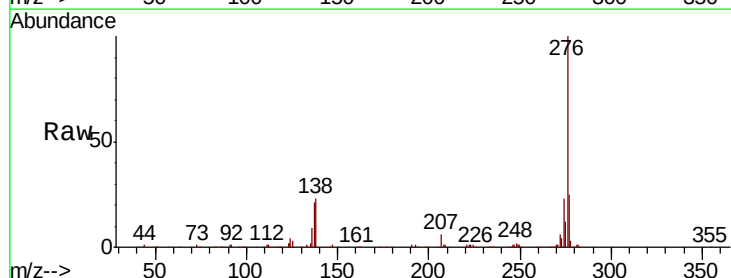
Tgt Ion:276 Resp: 723998

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 23.3 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

