

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
 Data File : BG037393.D
 Acq On : 17 Oct 2018 16:52
 Operator : JU/SJ
 Sample : PB113913BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Quant Time: Oct 18 11:42:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54411	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	258211	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	173747	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	432654	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	398018	20.00	ng	-0.02
87) Perylene-d12	25.12	264	411790	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	492765	159.38	ng	0.00
7) Phenol-d6	7.26	99	694988	148.10	ng	0.00
23) Nitrobenzene-d5	9.29	82	353196	89.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	258964	151.98	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	888891	76.83	ng	-0.01
79) Terphenyl-d14	20.09	244	1167227	61.58	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	75891	43.706	ng	95
3) Pyridine	3.93	79	150852	36.591	ng	94
4) n-Nitrosodimethylamine	3.85	42	67020	41.861	ng	# 90
6) Aniline	7.43	93	218610	35.587	ng	100
8) 2-Chlorophenol	7.67	128	177666	49.100	ng	98
9) Benzaldehyde	7.25	77	91588	28.348	ng	96
10) Phenol	7.28	94	240277	48.616	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	159302	39.454	ng	93
12) 1,3-Dichlorobenzene	8.00	146	165085	38.809	ng	98
13) 1,4-Dichlorobenzene	8.15	146	171299	39.775	ng	97
14) 1,2-Dichlorobenzene	8.47	146	163982	39.294	ng	99
15) Benzyl Alcohol	8.35	79	162741	44.335	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	293002	36.707	ng	97
17) 2-Methylphenol	8.54	107	164707	49.760	ng	99
18) Hexachloroethane	9.19	117	61104	41.570	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	137886	38.810	ng	92
20) 3+4-Methylphenols	8.87	107	227955	49.253	ng	98
22) Acetophenone	8.94	105	256822	39.457	ng	# 97
24) Nitrobenzene	9.33	77	192309	45.716	ng	96
25) Isophorone	9.85	82	392380	43.764	ng	99
26) 2-Nitrophenol	10.04	139	90730	55.441	ng	99
27) 2,4-Dimethylphenol	10.08	122	193979	51.761	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	238464	42.511	ng	94
29) 2,4-Dichlorophenol	10.57	162	190844	50.167	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	179401	38.755	ng	97
31) Naphthalene	10.99	128	539393	42.983	ng	100
32) Benzoic acid	10.21	122	112580	54.405	ng	96
33) 4-Chloroaniline	11.09	127	156452	26.577	ng	98
34) Hexachlorobutadiene	11.25	225	105419	36.672	ng	97
35) Caprolactam	11.87	113	46617	30.059	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	211802	47.143	ng	97
37) 2-Methylnaphthalene	12.58	142	421829	46.062	ng	99
38) 1-Methylnaphthalene	12.80	142	398757	44.582	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	213407	37.928	ng	99

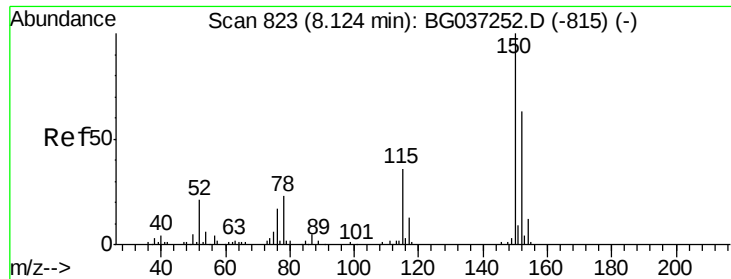
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	258608	111.488	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	164006	50.245	ng	100
44) 2,4,5-Trichlorophenol	13.24	196	179802	51.197	ng	98
46) 1,1'-Biphenyl	13.58	154	547004	38.272	ng	98
47) 2-Chloronaphthalene	13.62	162	427580	39.605	ng	98
48) 2-Nitroaniline	13.83	65	144711	49.296	ng	99
49) Acenaphthylene	14.47	152	722723	43.761	ng	99
50) Dimethylphthalate	14.19	163	578104	42.339	ng	100
51) 2,6-Dinitrotoluene	14.32	165	129281	48.669	ng	94
52) Acenaphthene	14.81	154	423176	41.483	ng	99
53) 3-Nitroaniline	14.65	138	109079	38.182	ng	# 95
54) 2,4-Dinitrophenol	14.86	184	79295	116.057	ng	95
55) Dibenzofuran	15.14	168	676819	40.888	ng	99
56) 4-Nitrophenol	14.94	139	229259	102.950	ng	99
57) 2,4-Dinitrotoluene	15.11	165	179710	52.921	ng	95
58) Fluorene	15.79	166	549383	43.885	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160907	51.750	ng	99
60) Diethylphthalate	15.55	149	594479	42.011	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	287969	39.353	ng	99
62) 4-Nitroaniline	15.82	138	146385	48.819	ng	94
63) Azobenzene	16.07	77	548039	40.394	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77377	56.005	ng	99
66) n-Nitrosodiphenylamine	15.99	169	511546	40.261	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	185449	39.716	ng	97
68) Hexachlorobenzene	16.78	284	186792	38.583	ng	99
69) Atrazine	16.94	200	201342	42.636	ng	97
70) Pentachlorophenol	17.13	266	233100	74.627	ng	96
71) Phenanthrene	17.54	178	922767	41.899	ng	99
72) Anthracene	17.63	178	942895	43.740	ng	97
73) Carbazole	17.90	167	877837	39.523	ng	99
74) Di-n-butylphthalate	18.44	149	1026376	43.115	ng	100
75) Fluoranthene	19.54	202	1104270	42.899	ng	97
77) Benzidine	19.72	184	537985	35.332	ng	99
78) Pyrene	19.90	202	1106557	42.658	ng	99
80) Butylbenzylphthalate	20.78	149	471588	46.726	ng	97
81) Benzo(a)anthracene	21.76	228	1032389	43.309	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	270156	29.380	ng	97
83) Chrysene	21.83	228	956786	42.077	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	655806	45.251	ng	98
85) Di-n-octyl phthalate	22.89	149	1110208	47.197	ng	97
86) Indeno(1,2,3-cd)pyrene	28.96	276	1103889	43.798	ng	98
88) Benzo(b)fluoranthene	24.05	252	1012843	45.240	ng	99
89) Benzo(k)fluoranthene	24.05	252	1012843	45.847	ng	98
90) Benzo(a)pyrene	24.96	252	989381	46.086	ng	99
91) Dibenzo(a,h)anthracene	29.02	278	905349	44.075	ng	97
92) Benzo(g,h,i)perylene	30.17	276	922206	44.952	ng	99

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

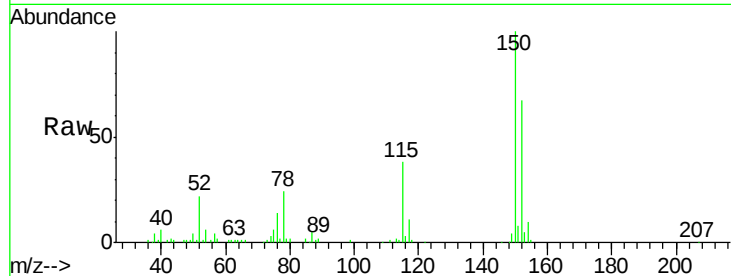


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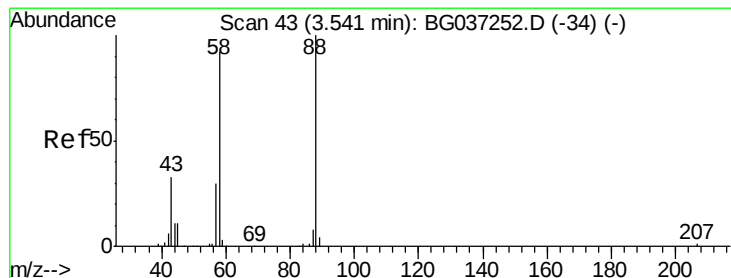
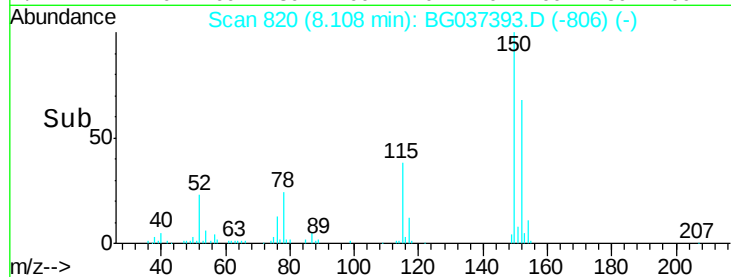
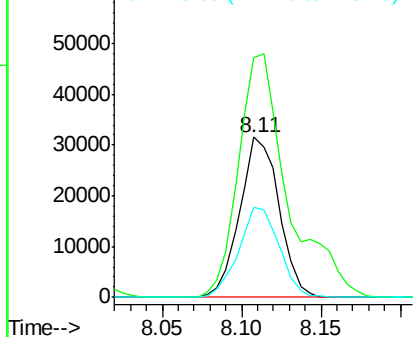
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tgt Ion:152 Resp: 54411
Ion Ratio Lower Upper
152 100
150 150.0 126.0 189.0
115 56.6 45.5 68.3



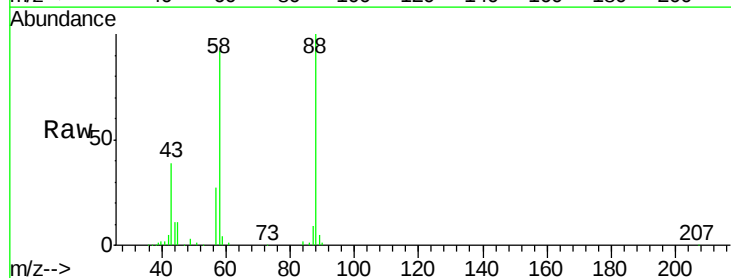
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



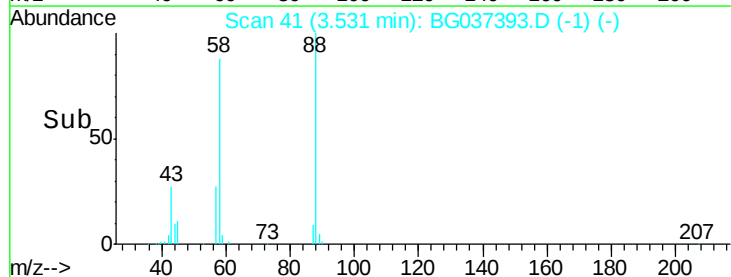
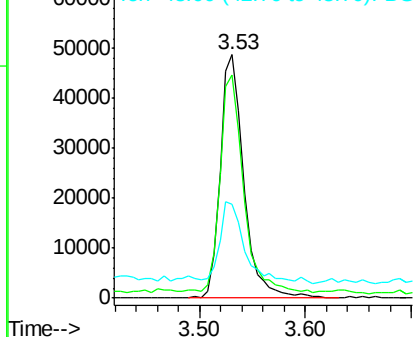
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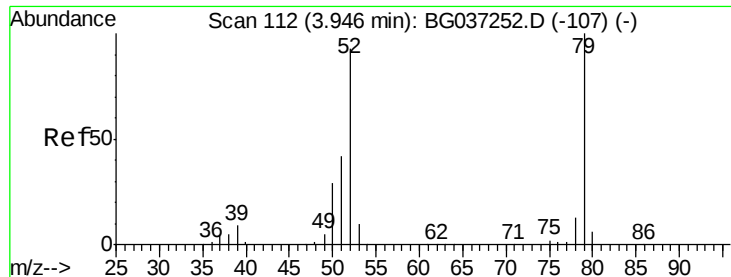
1,4-Dioxane
Concen: 43.706 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion: 88 Resp: 75891
Ion Ratio Lower Upper
88 100
58 86.9 74.4 111.6
43 32.5 25.8 38.8



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





#3

Pyridine

Concen: 36.591 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

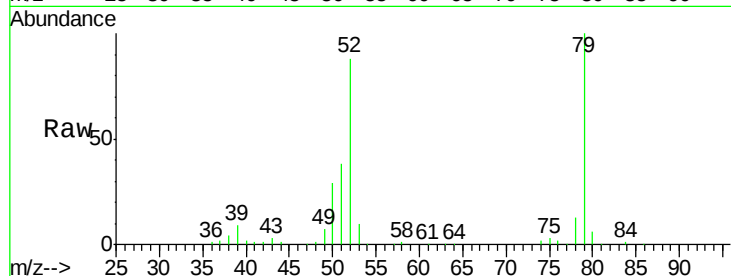
Tgt Ion: 79 Resp: 150852

Ion Ratio Lower Upper

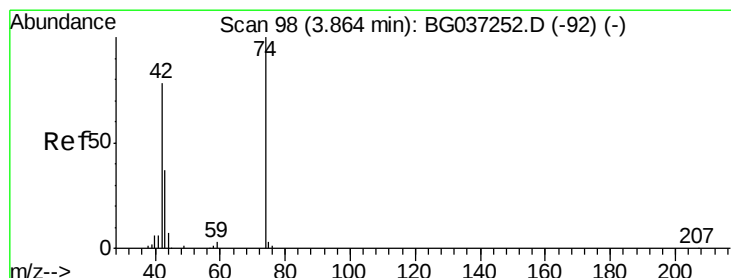
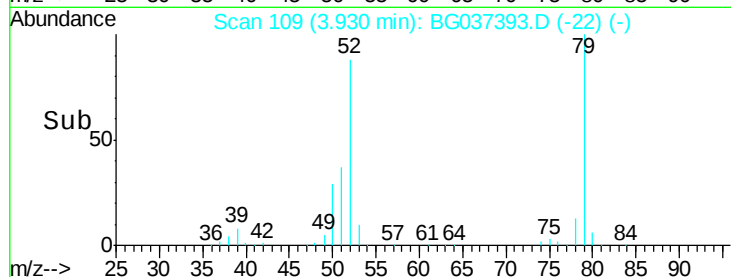
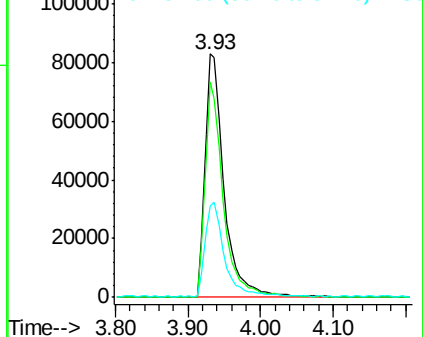
79 100

52 88.4 74.2 111.2

51 37.6 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: 41.861 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

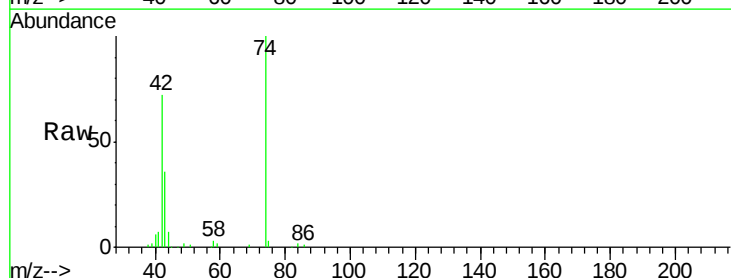
Tgt Ion: 42 Resp: 67020

Ion Ratio Lower Upper

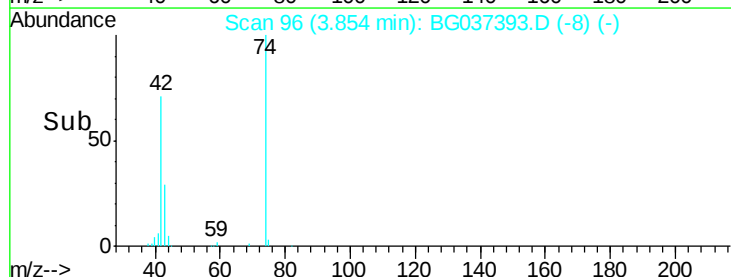
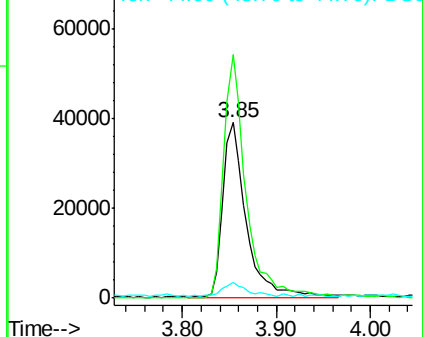
42 100

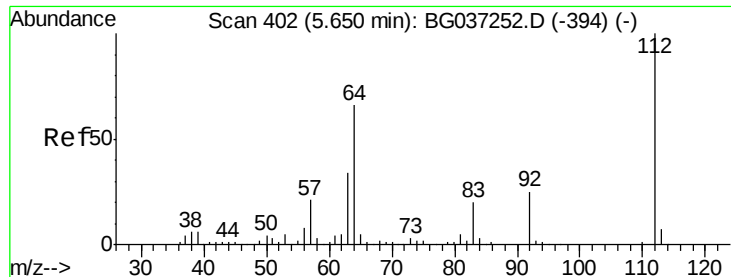
74 138.8 102.0 153.0

44 9.1 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: 159.383 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

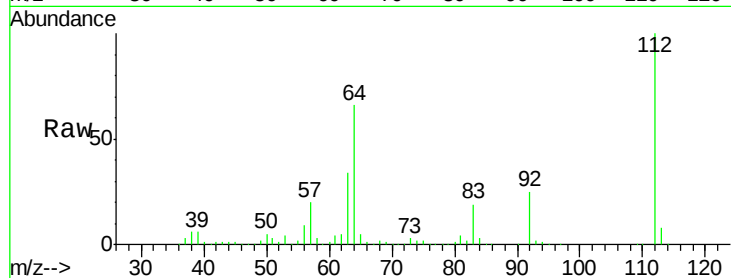
Tgt Ion: 112 Resp: 492765

Ion Ratio Lower Upper

112 100

64 65.6 53.1 79.7

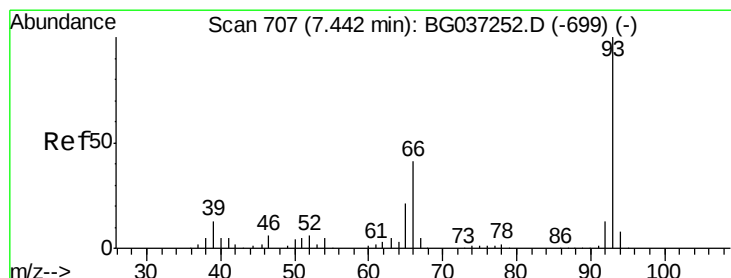
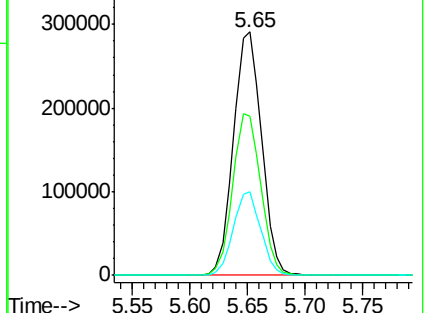
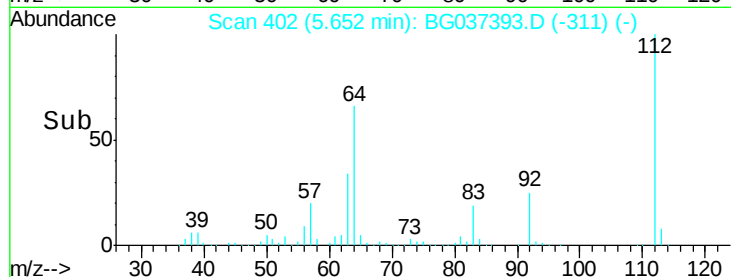
63 34.3 27.3 40.9



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: 35.587 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

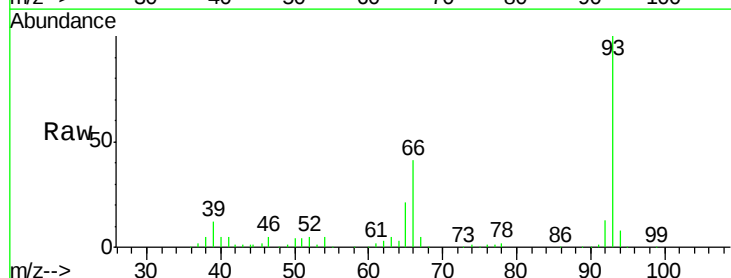
Tgt Ion: 93 Resp: 218610

Ion Ratio Lower Upper

93 100

66 40.9 32.8 49.2

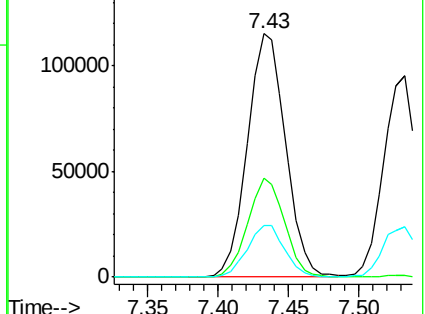
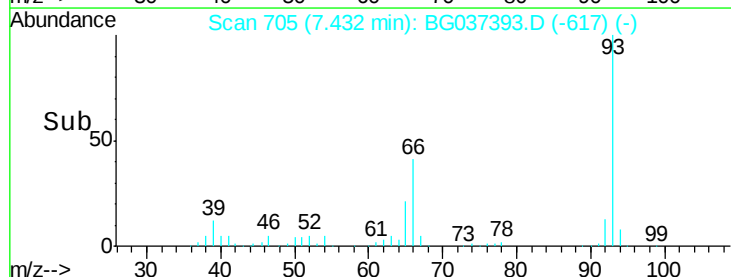
65 21.0 16.4 24.6

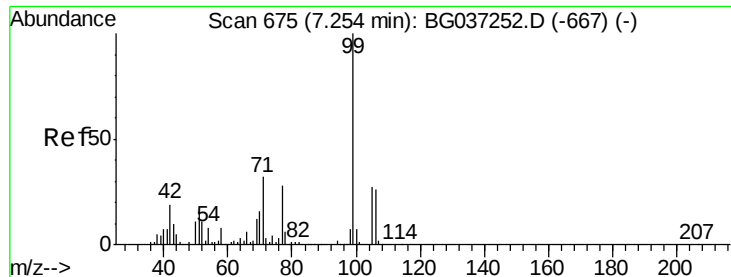


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.100 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

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PB113913BS

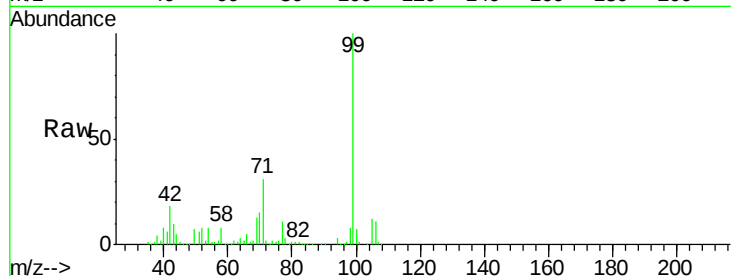
Tgt Ion: 99 Resp: 694988

Ion Ratio Lower Upper

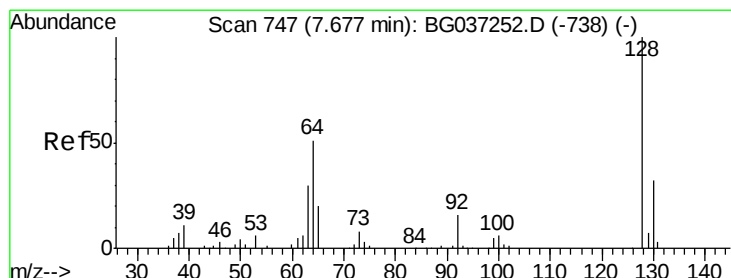
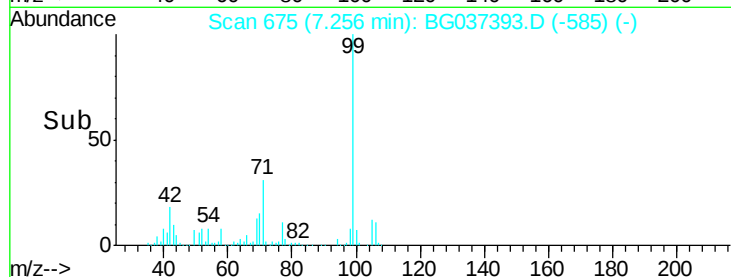
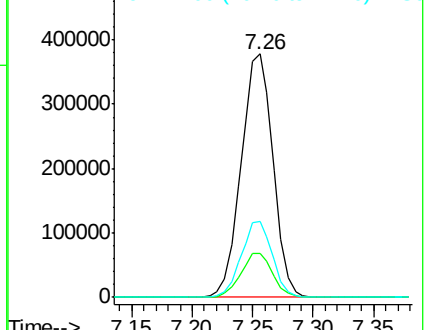
99 100

42 17.9 15.0 22.4

71 31.1 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: 49.100 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

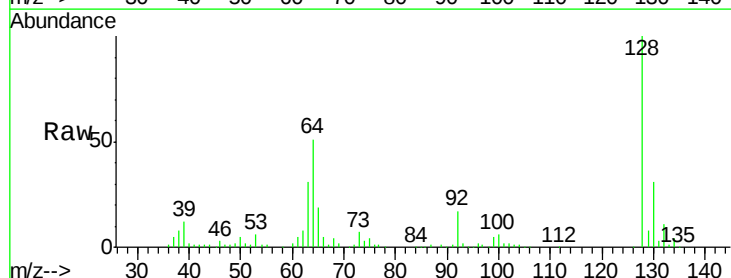
Tgt Ion: 128 Resp: 177666

Ion Ratio Lower Upper

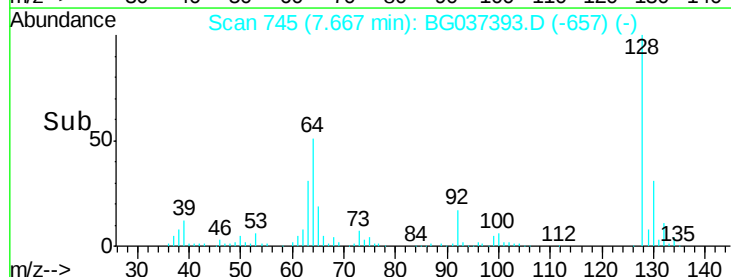
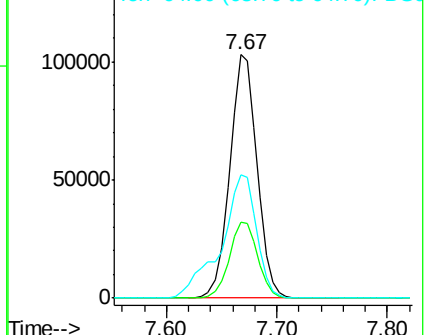
128 100

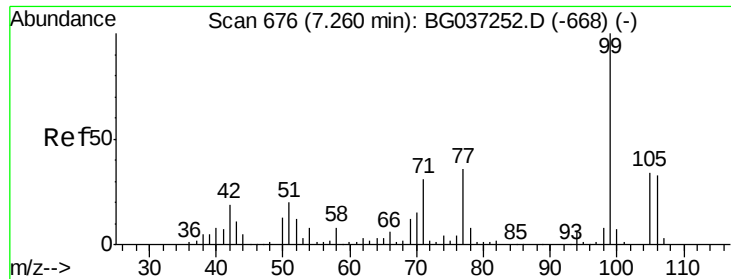
130 31.4 12.0 52.0

64 50.6 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: 28.348 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

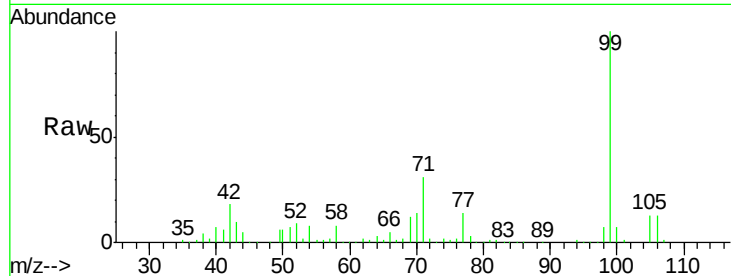
Tgt Ion: 77 Resp: 91588

Ion Ratio Lower Upper

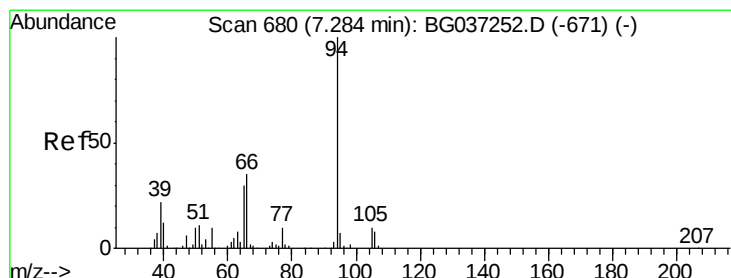
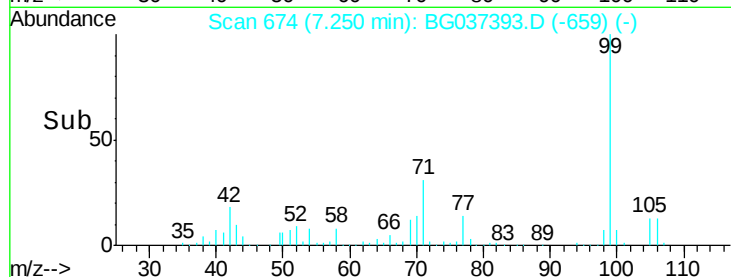
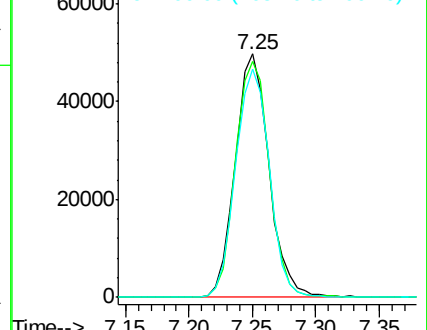
77 100

105 97.0 72.6 112.6

106 93.6 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: 48.616 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

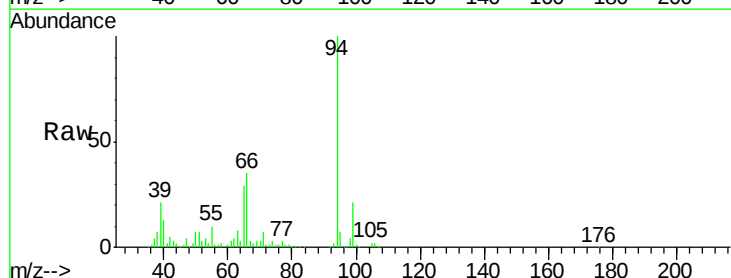
Tgt Ion: 94 Resp: 240277

Ion Ratio Lower Upper

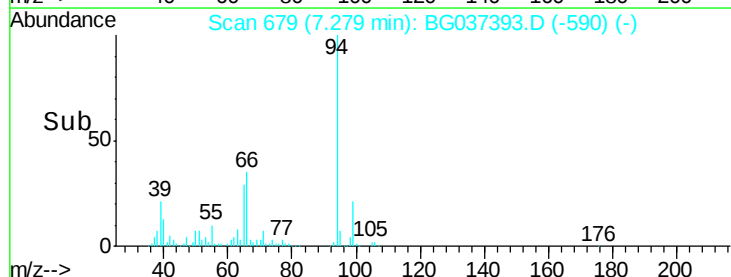
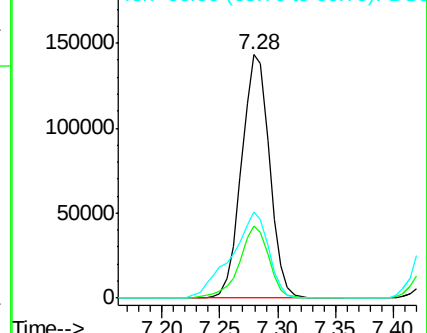
94 100

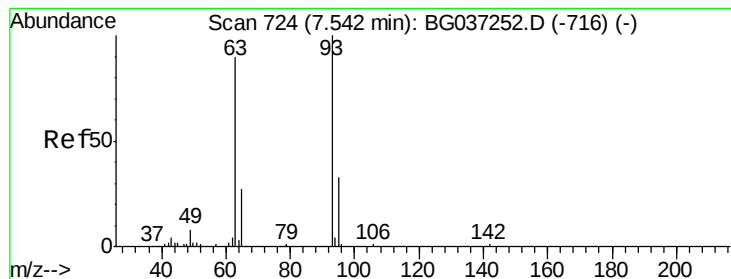
65 29.5 9.7 49.7

66 35.5 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 39.454 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

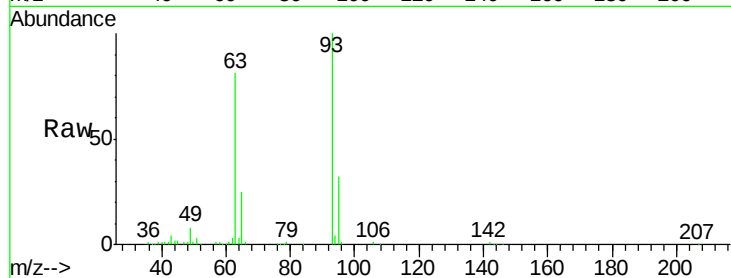
Tgt Ion: 93 Resp: 159302

Ion Ratio Lower Upper

93 100

63 80.9 69.5 109.5

95 32.0 12.6 52.6



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

150000

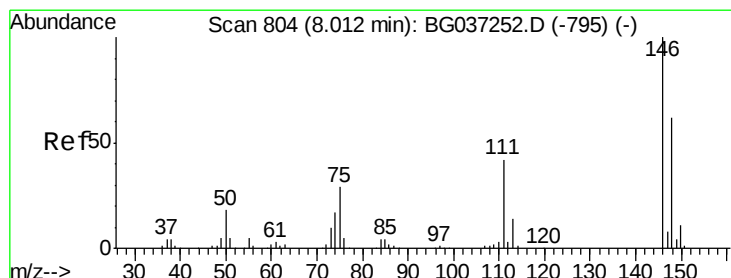
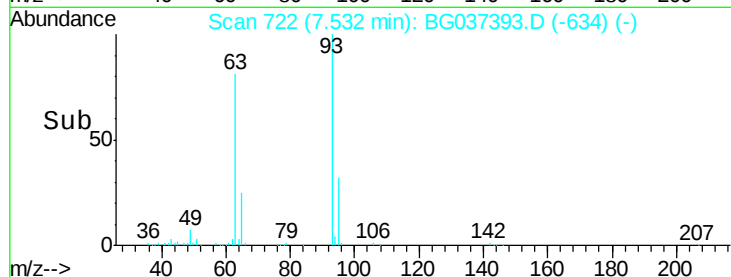
100000

50000

0

7.45 7.50 7.55 7.60

Time-->



#12

1,3-Dichlorobenzene

Concen: 38.809 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

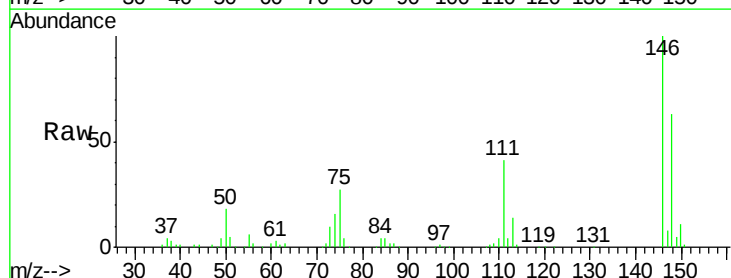
Tgt Ion: 146 Resp: 165085

Ion Ratio Lower Upper

146 100

148 62.8 49.8 74.8

75 27.2 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

120000

100000

80000

60000

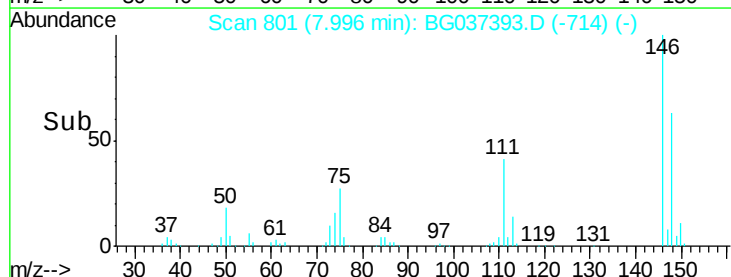
40000

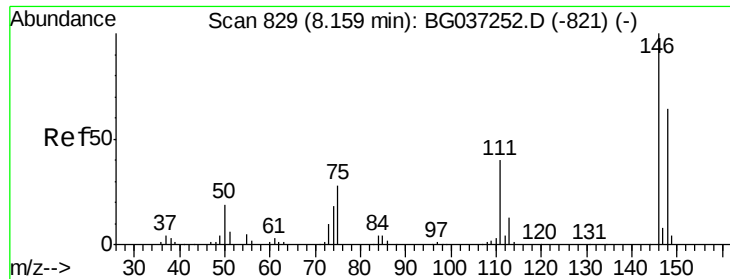
20000

0

7.90 7.95 8.00 8.05

Time-->

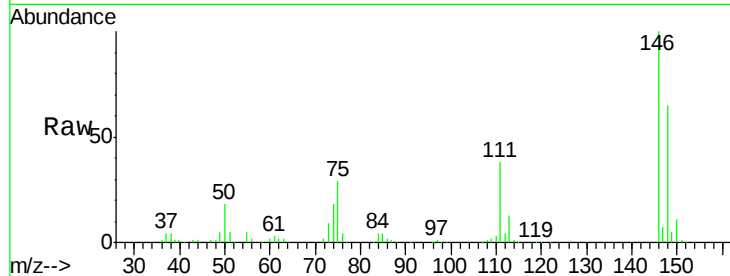




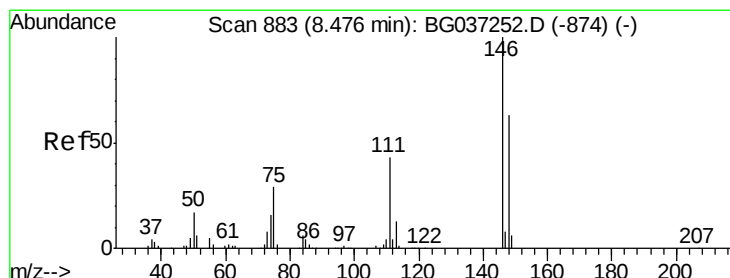
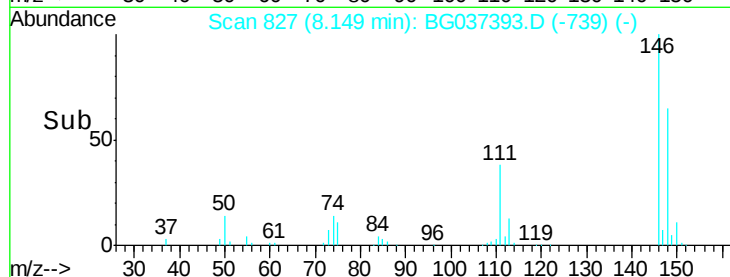
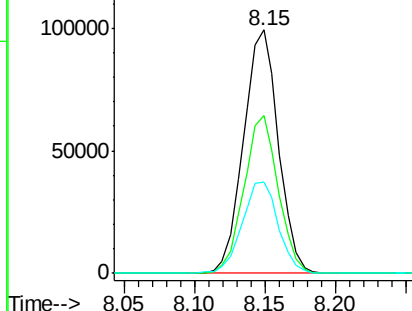
#13
 1,4-Dichlorobenzene
 Concen: 39.775 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleID :
 PB113913BS

Tgt Ion:146 Resp: 171299
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 37.7 32.4 48.6

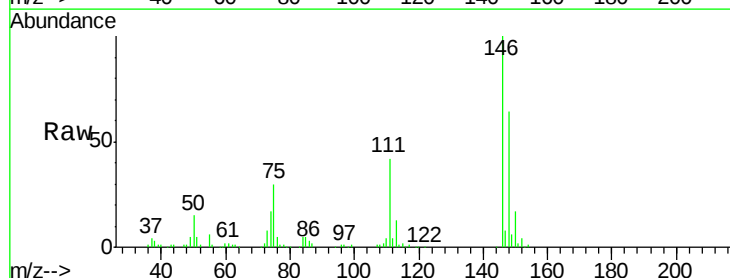


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

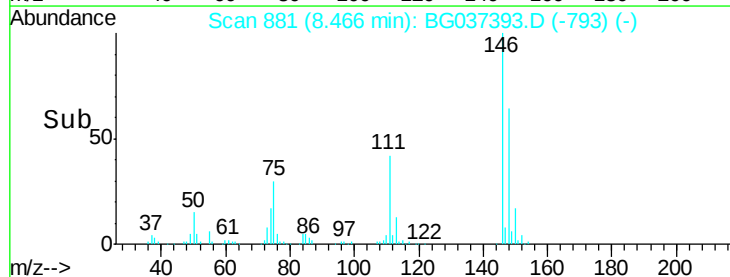
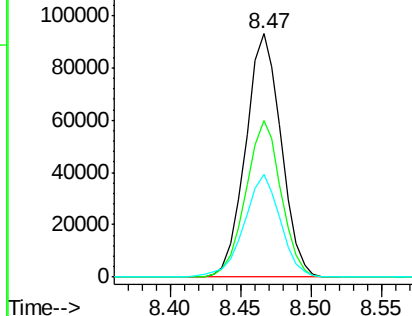


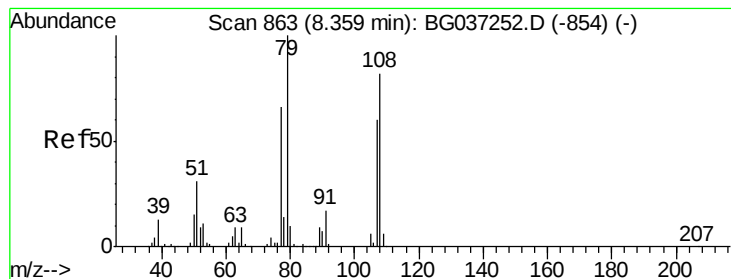
#14
 1,2-Dichlorobenzene
 Concen: 39.294 ng
 RT: 8.47 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:146 Resp: 163982
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 42.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 44.335 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

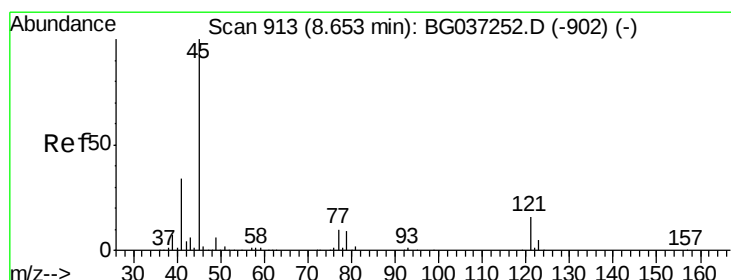
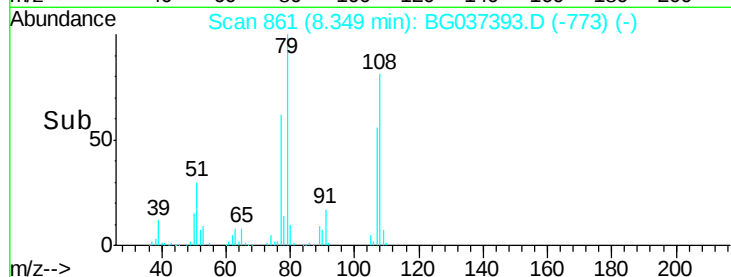
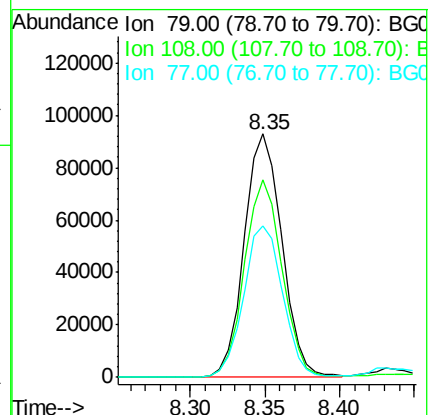
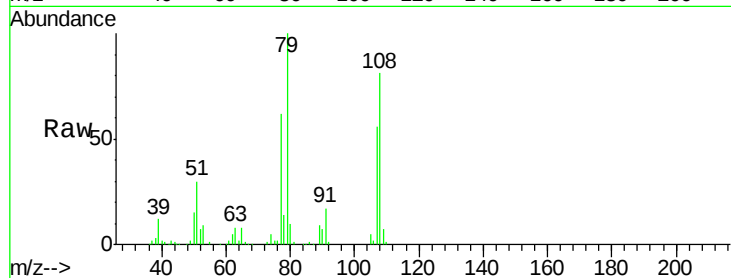
Tgt Ion: 79 Resp: 162741

Ion Ratio Lower Upper

79 100

108 81.2 65.8 98.8

77 62.5 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.707 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

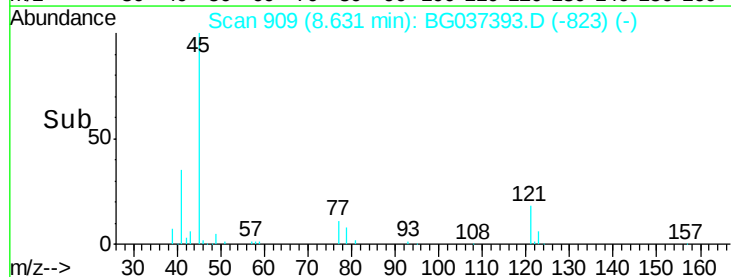
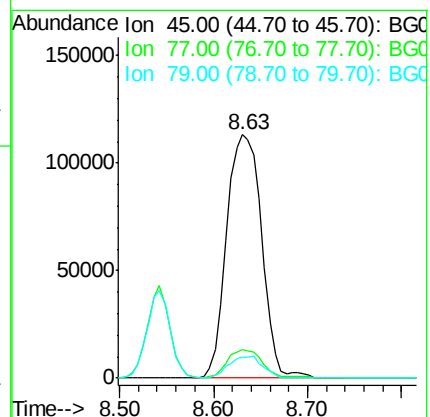
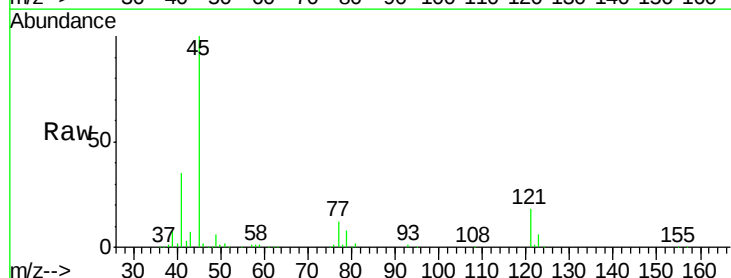
Tgt Ion: 45 Resp: 293002

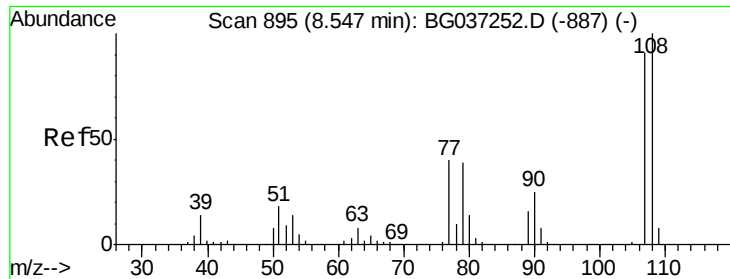
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.0

79 8.5 0.0 29.0

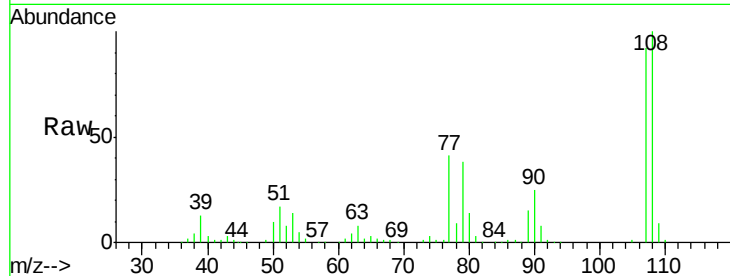




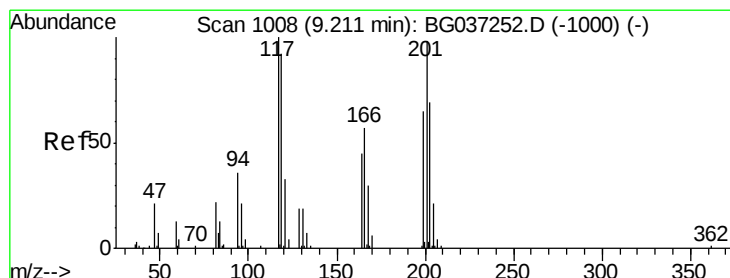
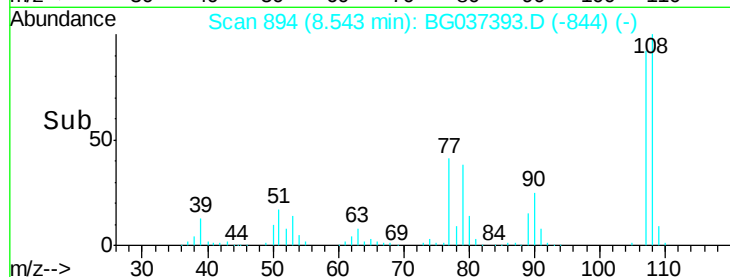
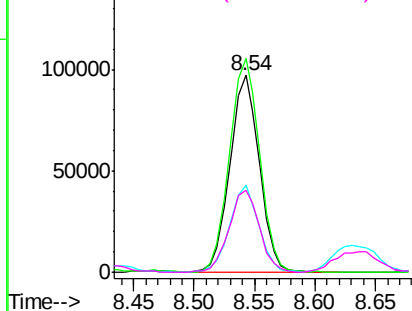
#17
2-Methylphenol
Concen: 49.760 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tgt Ion:	107	Resp:	164707
Ion	Ratio	Lower	Upper
107	100		
108	108.5	87.9	131.9
77	44.5	35.1	52.7
79	41.7	34.5	51.7

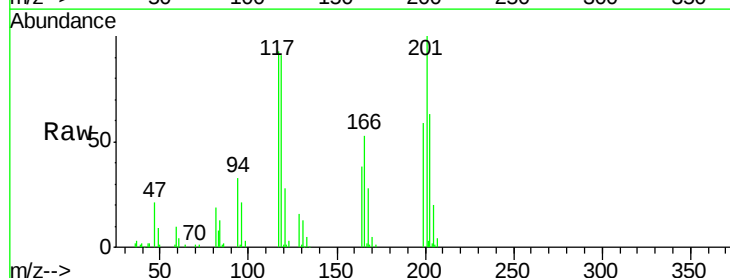


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

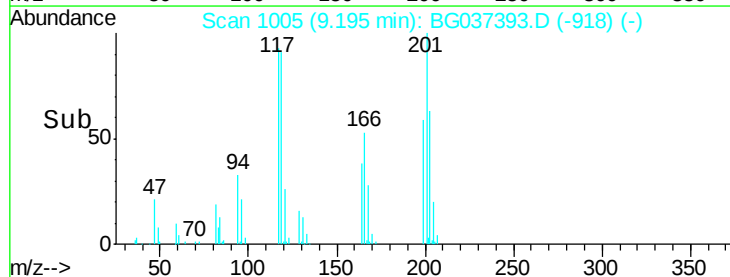
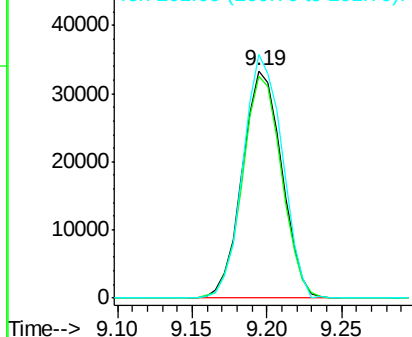


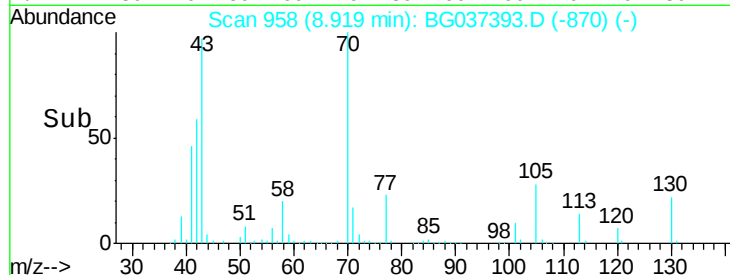
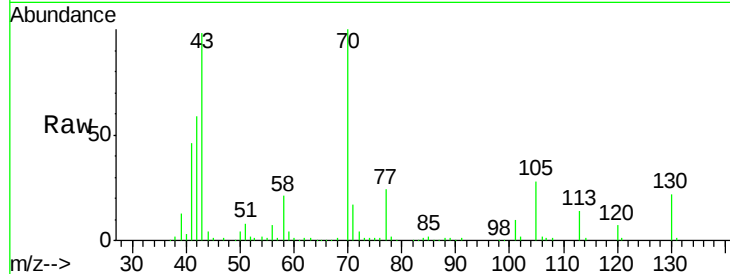
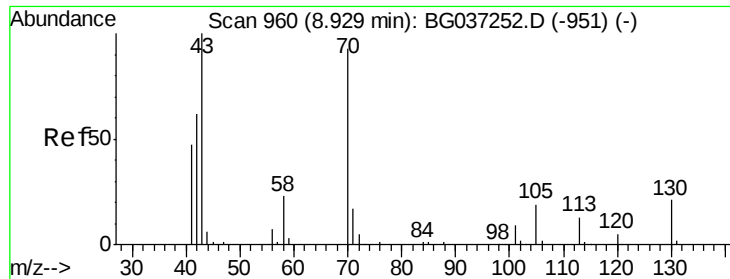
#18
Hexachloroethane
Concen: 41.570 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:	117	Resp:	61104
Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.6	111.8
201	109.9	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

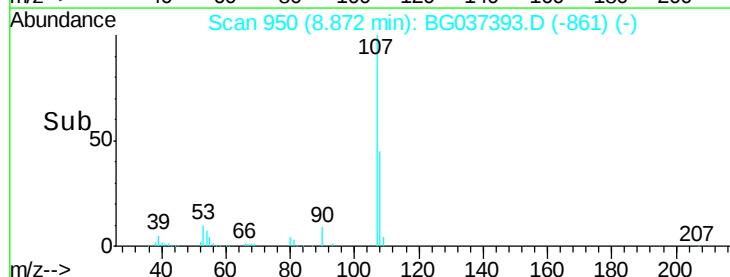
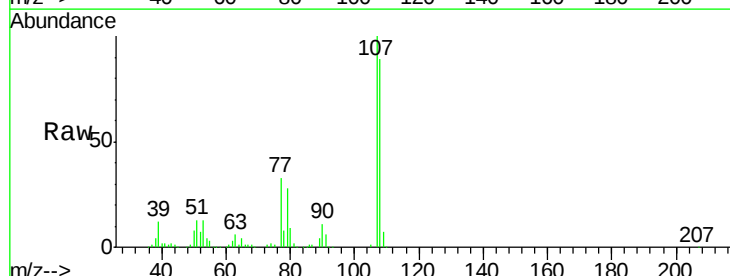
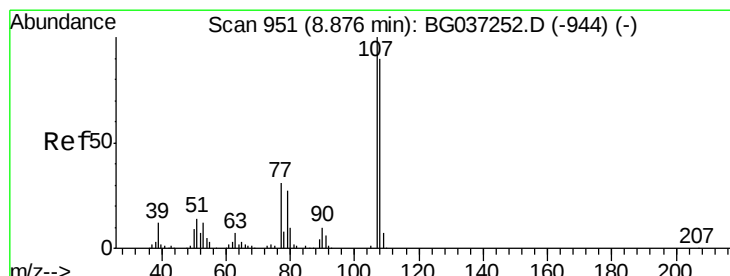
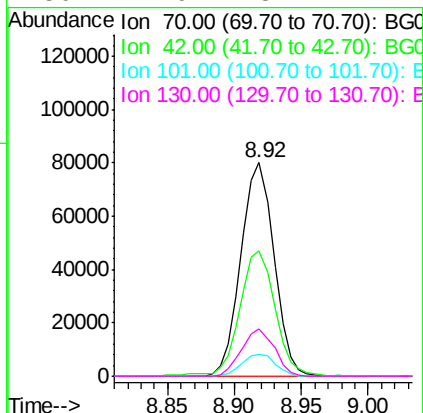




#19
n-Nitroso-di-n-propylamine
Concen: 38.810 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

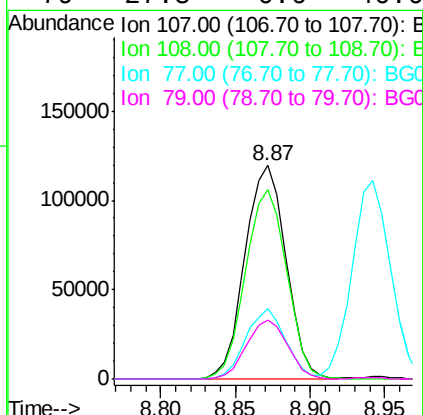
Instrument :
BNA_G
ClientSampleId :
PB113913BS

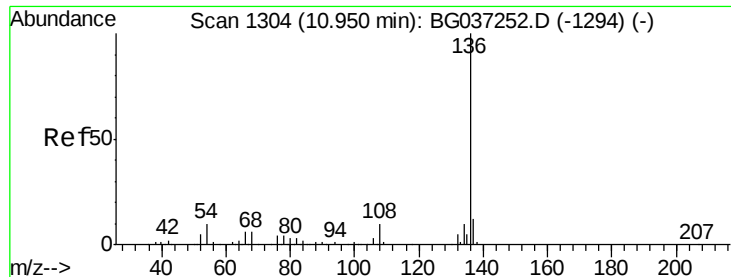
Tgt Ion:	70	Resp:	137886
Ion	Ratio	Lower	Upper
70	100		
42	58.8	53.9	80.9
101	10.2	8.2	12.2
130	21.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 49.253 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:	107	Resp:	227955
Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.9	109.9
77	32.7	11.2	51.2
79	27.8	6.6	46.6

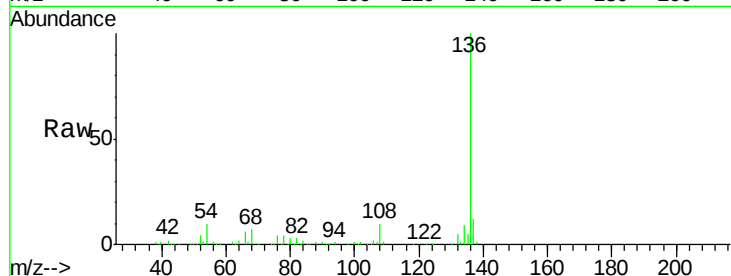




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tgt Ion:	136	Resp:	258211
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.4	7.9	11.9
68	7.1	4.8	7.2



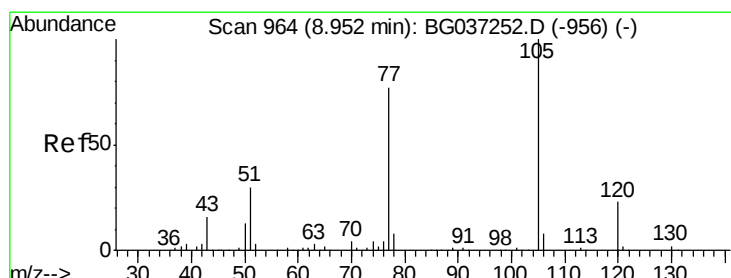
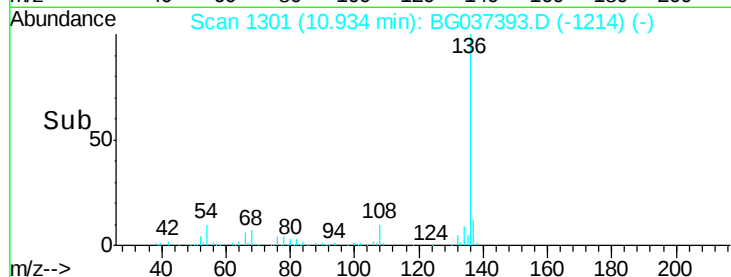
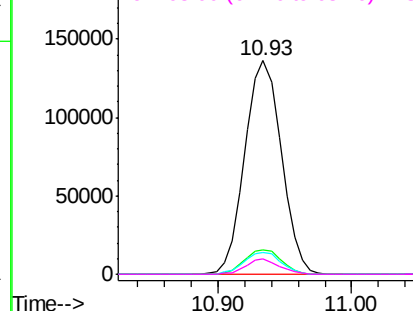
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

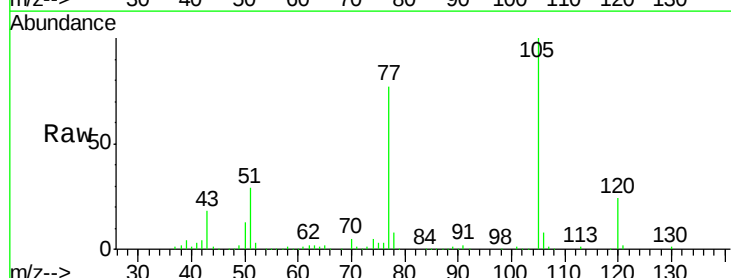
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.457 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:	105	Resp:	256822
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.2	1.8#
51	28.8	25.0	37.6
120	24.3	18.6	28.0



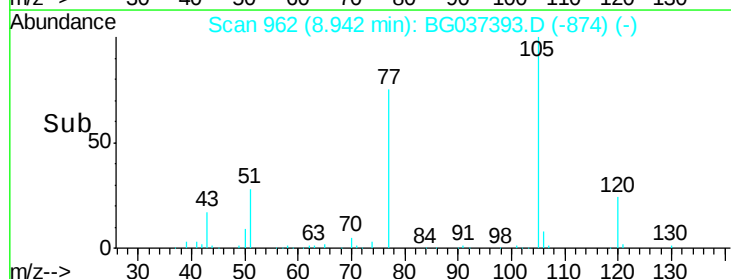
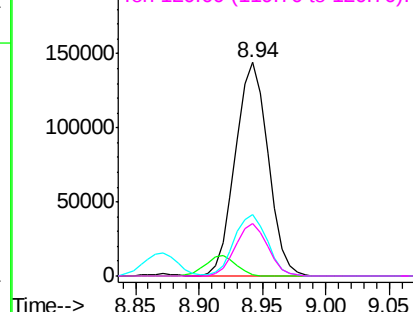
Abundance

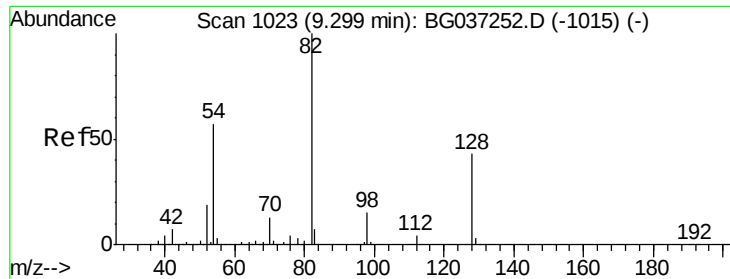
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

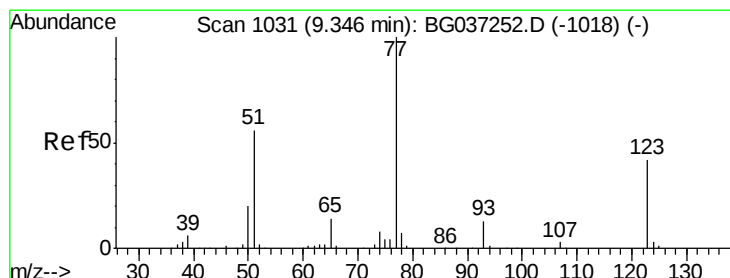
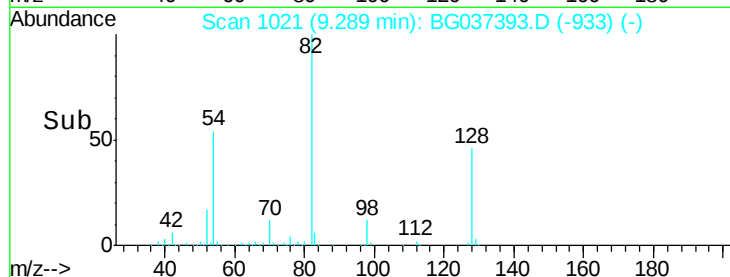
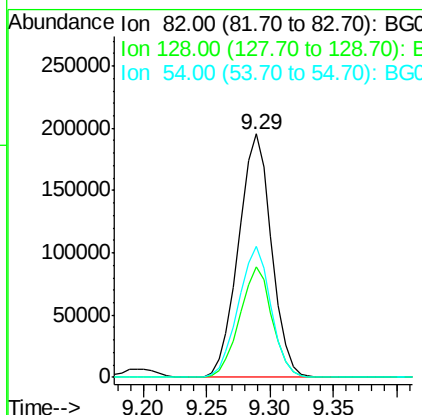
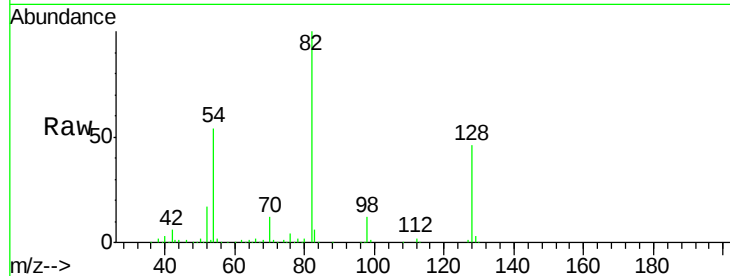




#23
Nitrobenzene-d5
Concen: 89.930 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

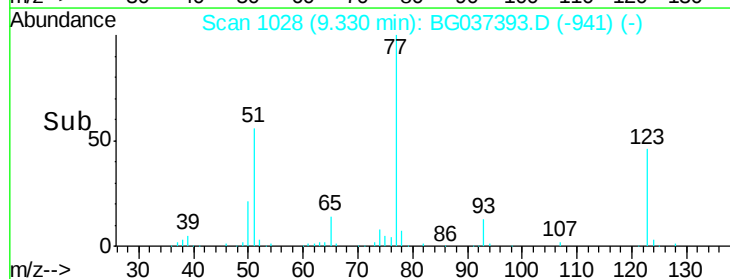
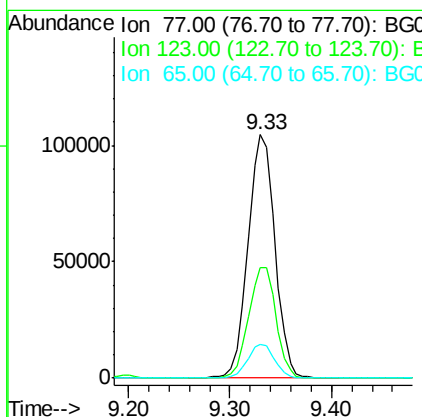
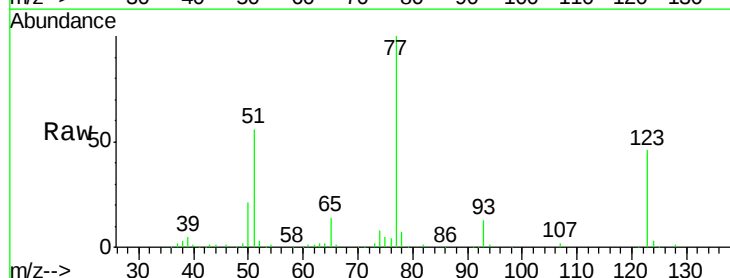
Instrument :
BNA_G
ClientSampleId :
PB113913BS

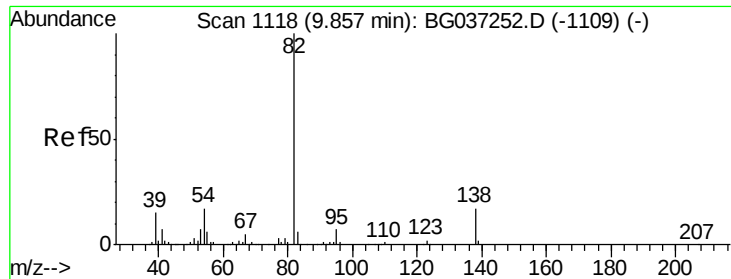
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	53.6	45.3	67.9



#24
Nitrobenzene
Concen: 45.716 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.6	50.4
65	13.8	11.3	16.9

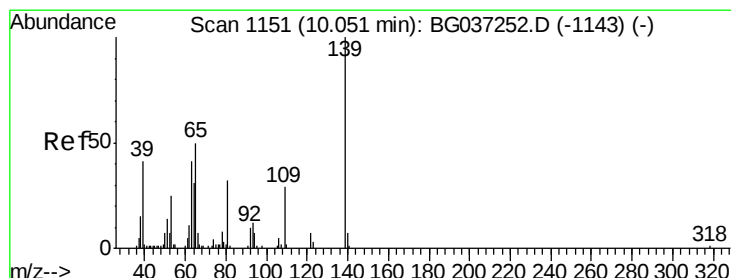
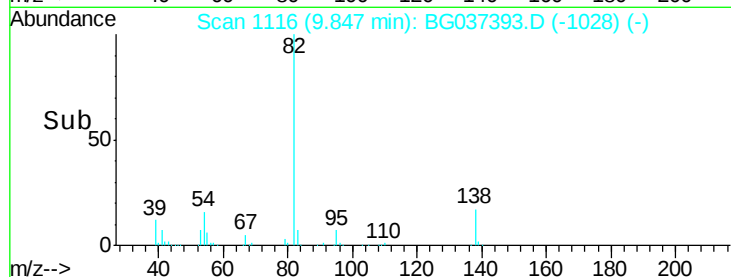
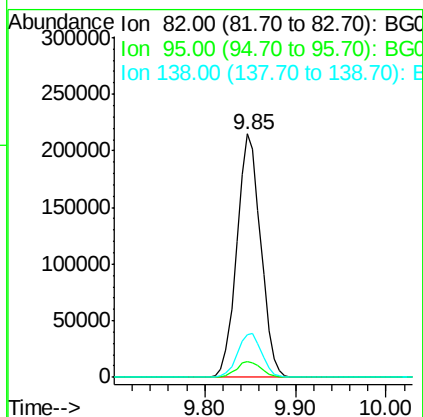
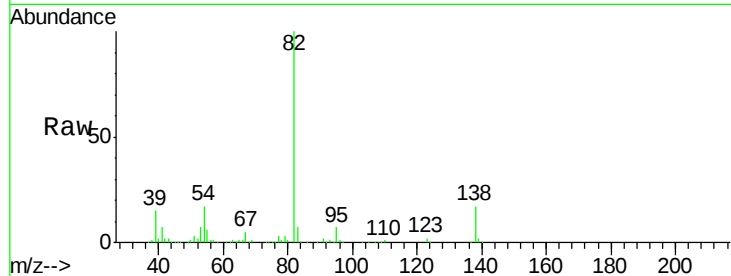




#25
Isophorone
Concen: 43.764 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

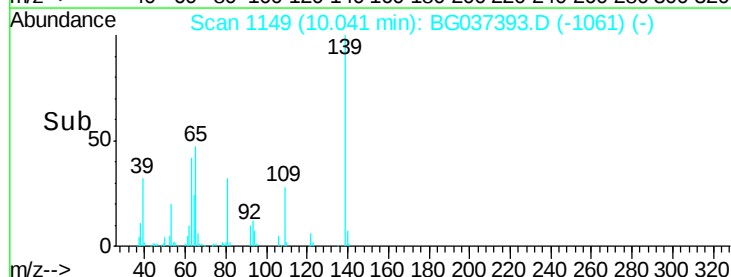
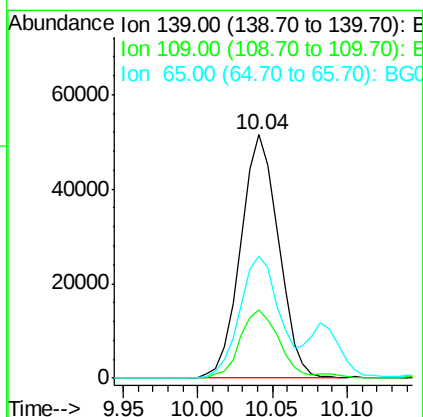
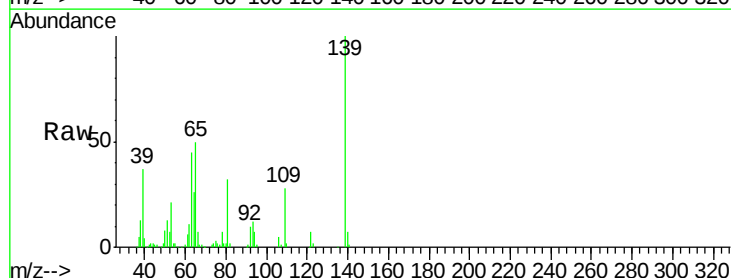
Instrument :
BNA_G
ClientSampleId :
PB113913BS

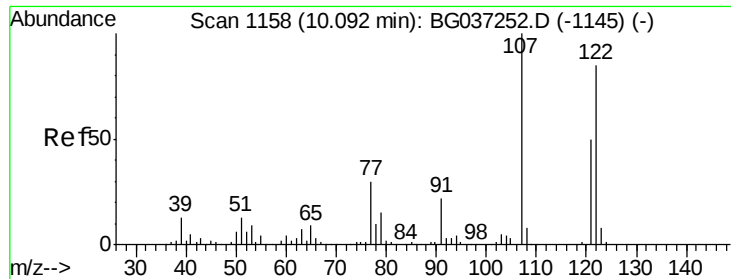
Tgt Ion: 82 Resp: 392380
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 17.3 13.3 19.9



#26
2-Nitrophenol
Concen: 55.441 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion: 139 Resp: 90730
Ion Ratio Lower Upper
139 100
109 28.3 23.3 34.9
65 49.9 39.8 59.8

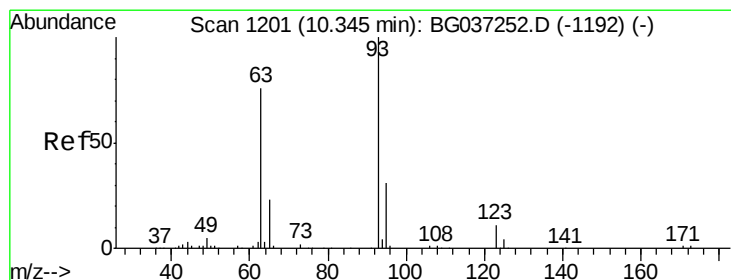
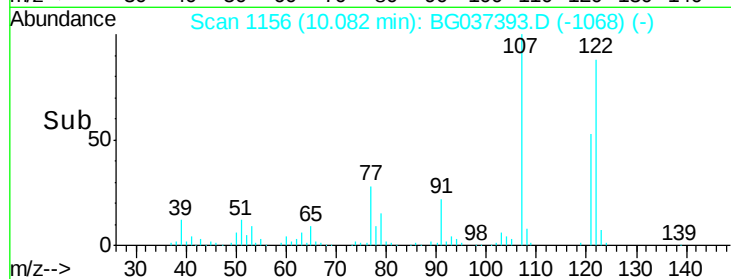
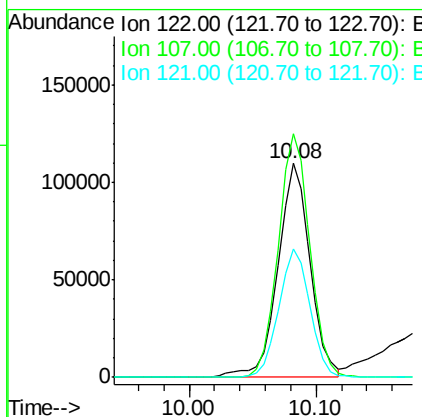
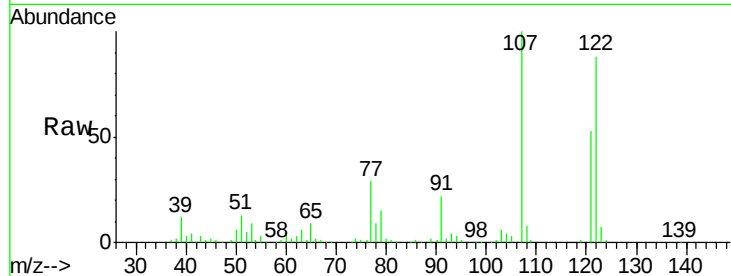




#27
2,4-Dimethylphenol
Concen: 51.761 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

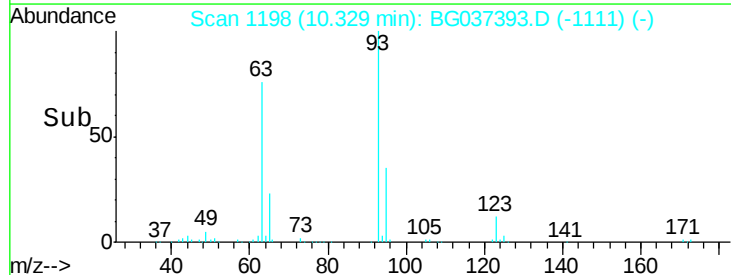
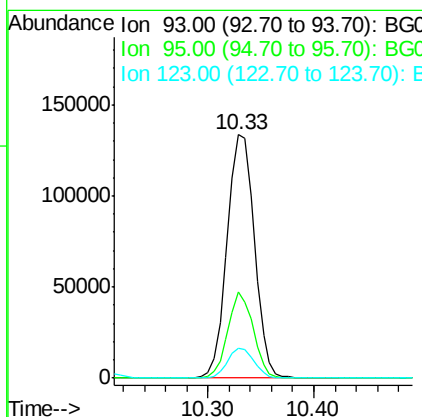
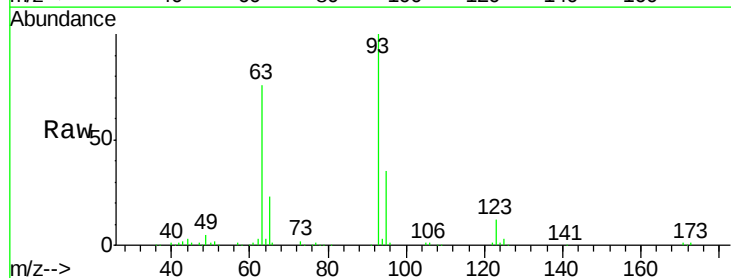
Instrument :
BNA_G
ClientSampleId :
PB113913BS

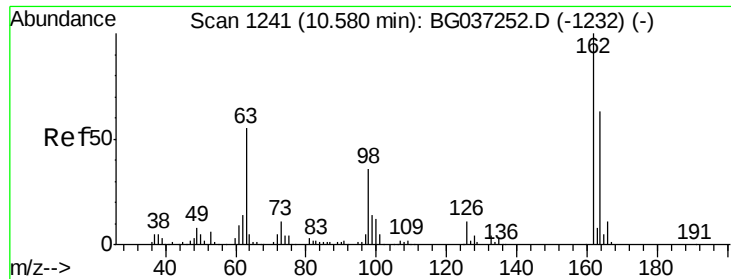
Tgt Ion:122 Resp: 193979
Ion Ratio Lower Upper
122 100
107 113.8 94.2 141.2
121 59.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.511 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion: 93 Resp: 238464
Ion Ratio Lower Upper
93 100
95 35.2 24.6 37.0
123 12.4 9.1 13.7

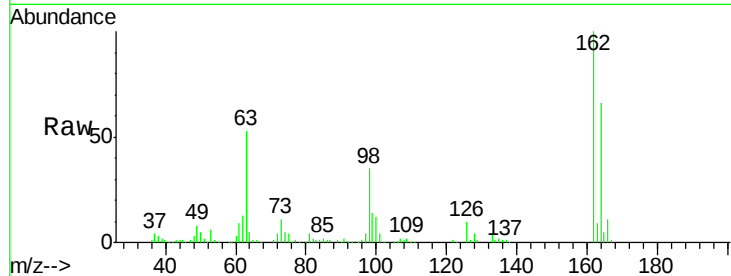




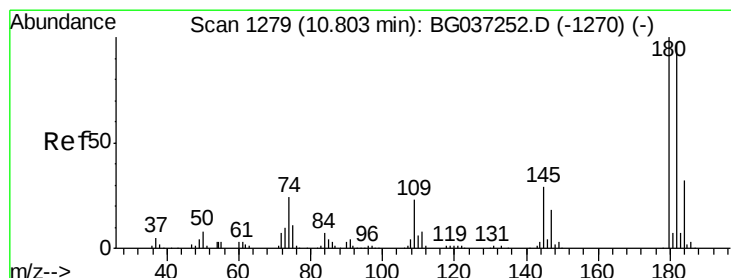
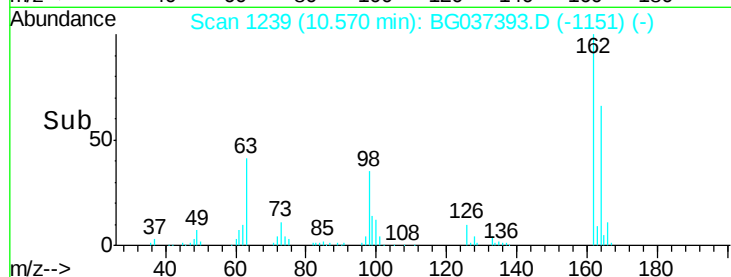
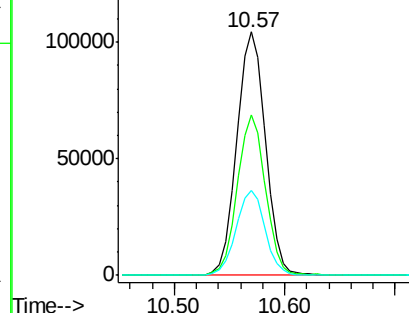
#29
 2,4-Dichlorophenol
 Concen: 50.167 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampled :
 PB113913BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.2	83.2
98	34.8	16.0	56.0

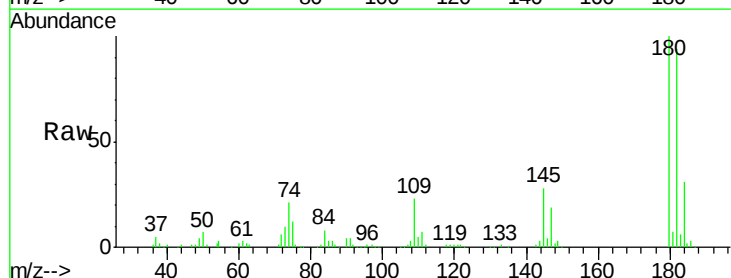


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

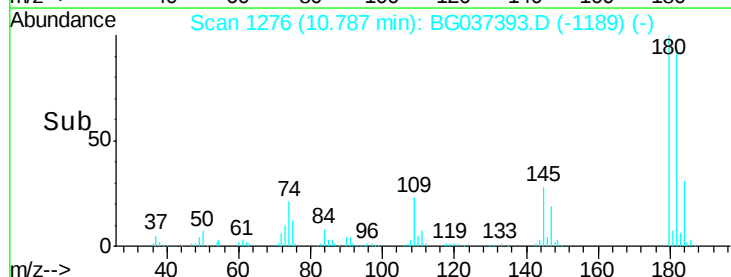
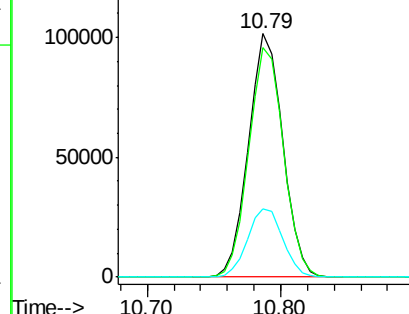


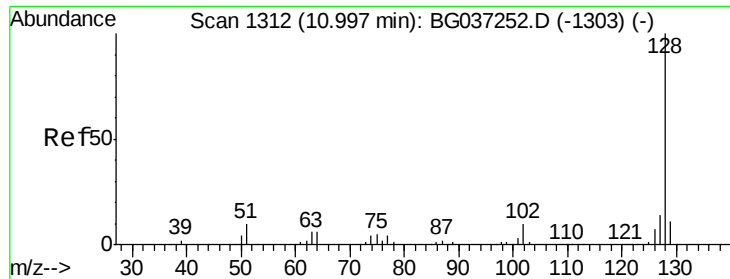
#30
 1,2,4-Trichlorobenzene
 Concen: 38.755 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.7	116.5
145	27.8	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

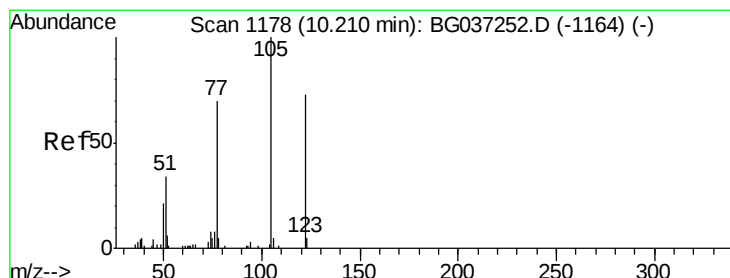
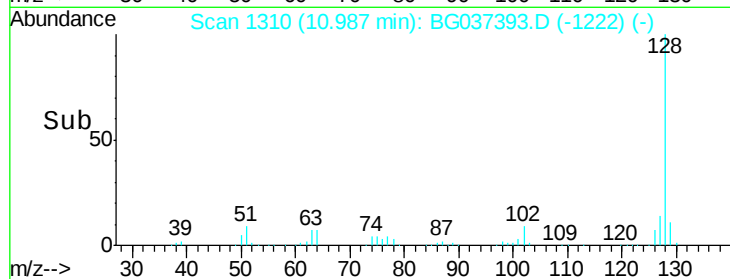
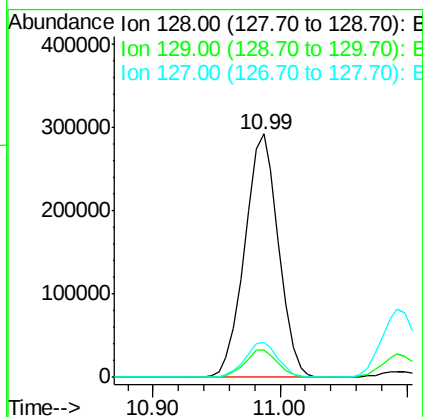
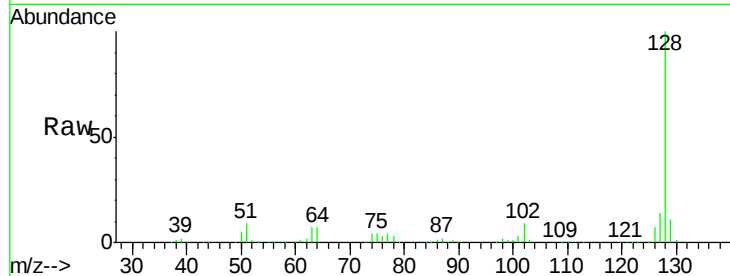




#31
Naphthalene
Concen: 42.983 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

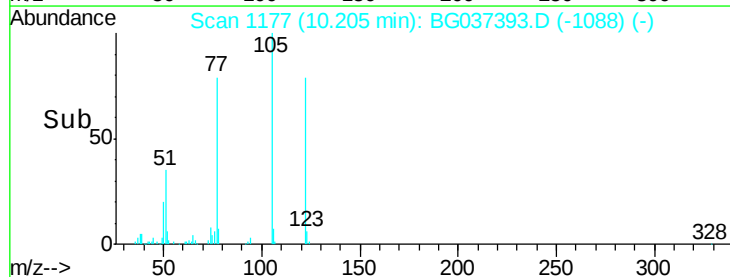
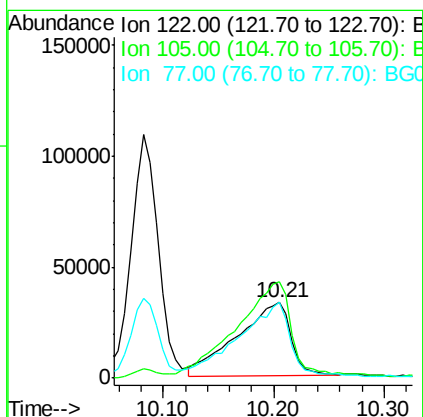
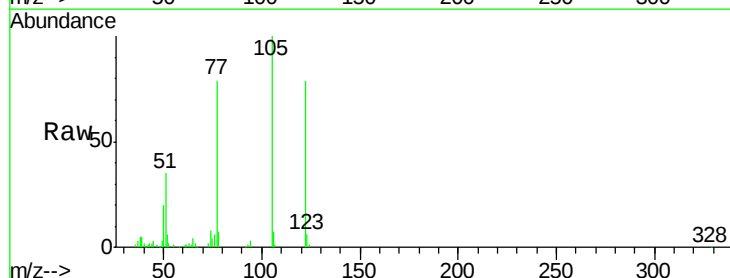
Instrument :
BNA_G
ClientSampleId :
PB113913BS

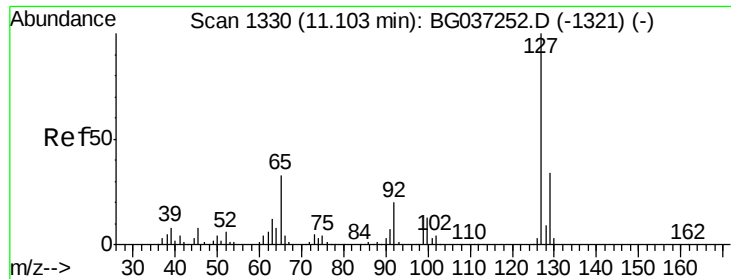
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.1	11.1	16.7



#32
Benzoic acid
Concen: 54.405 ng
RT: 10.21 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	106.7	146.7
77	100.1	72.2	112.2

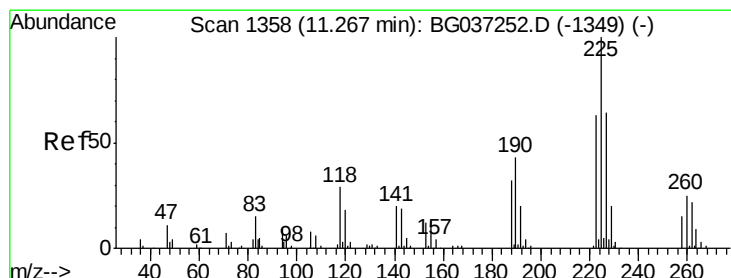
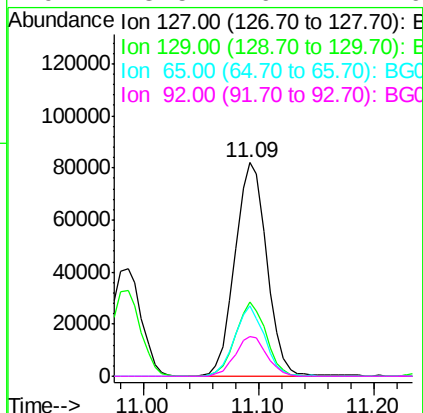
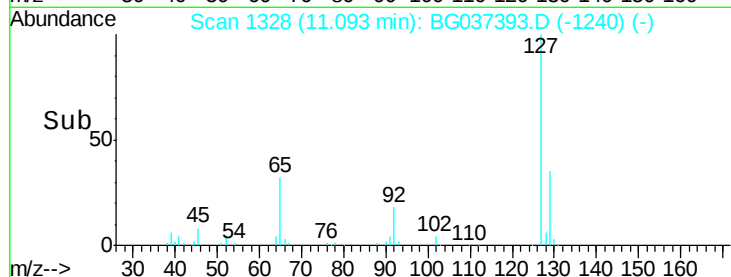
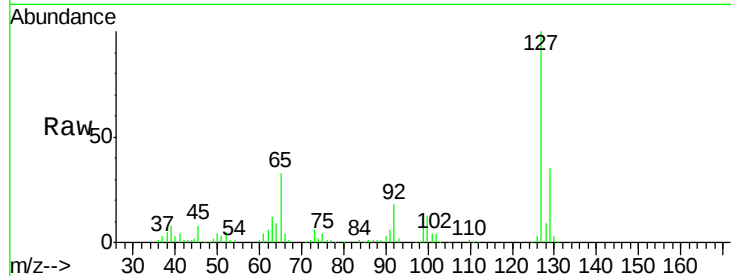




#33
4-Chloroaniline
Concen: 26.577 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

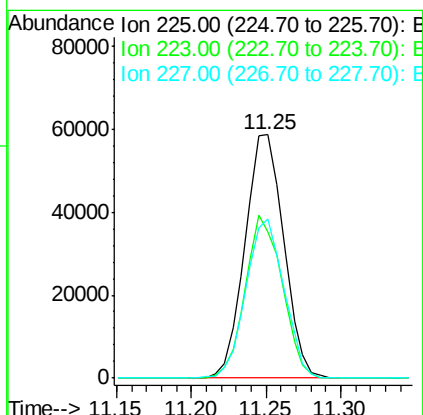
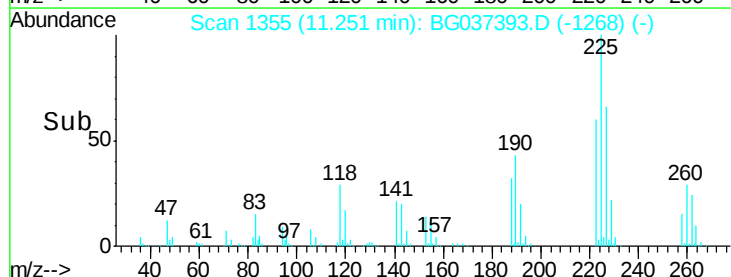
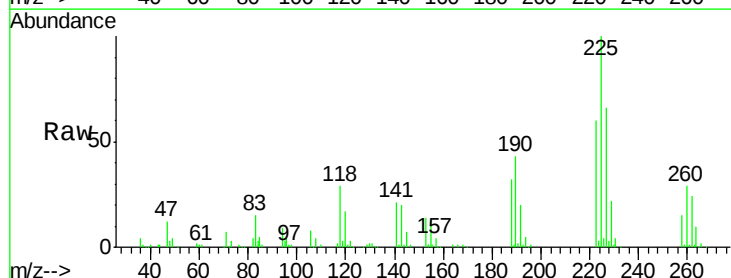
Instrument :
BNA_G
ClientSampleId :
PB113913BS

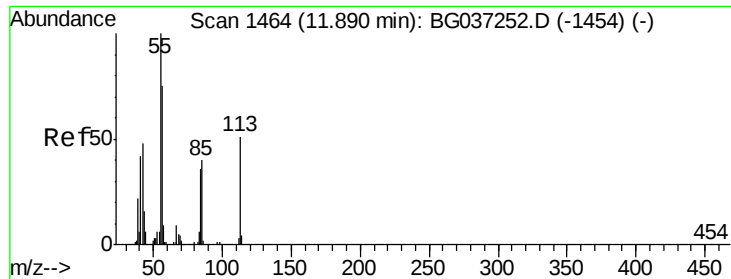
Tgt Ion:	127	Resp:	156452
Ion	Ratio	Lower	Upper
127	100		
129	34.7	27.1	40.7
65	32.7	26.6	39.8
92	18.5	16.4	24.6



#34
Hexachlorobutadiene
Concen: 36.672 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:	225	Resp:	105419
Ion	Ratio	Lower	Upper
225	100		
223	57.4	48.2	72.4
227	65.7	51.6	77.4

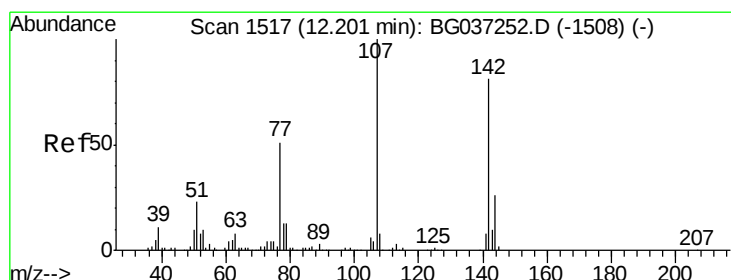
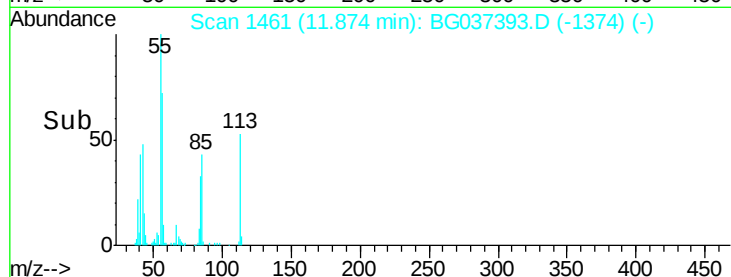
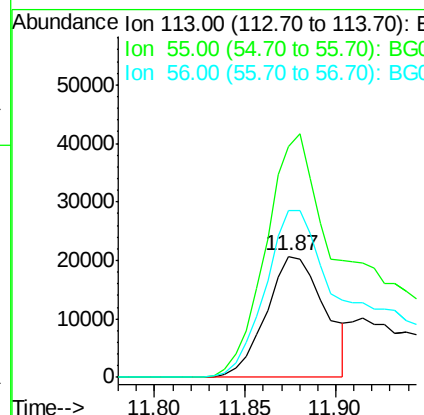
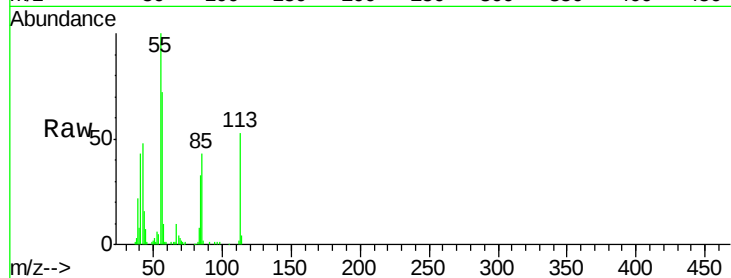




#35
 Caprolactam
 Concen: 30.059 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

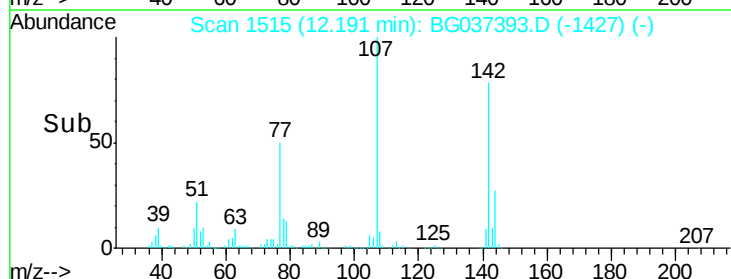
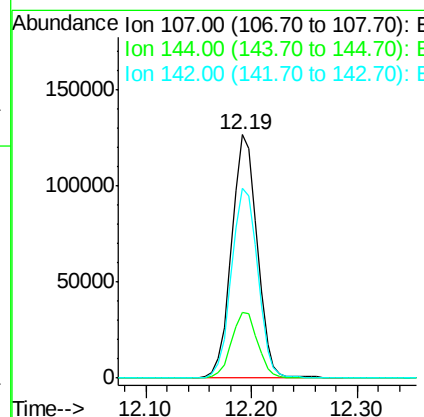
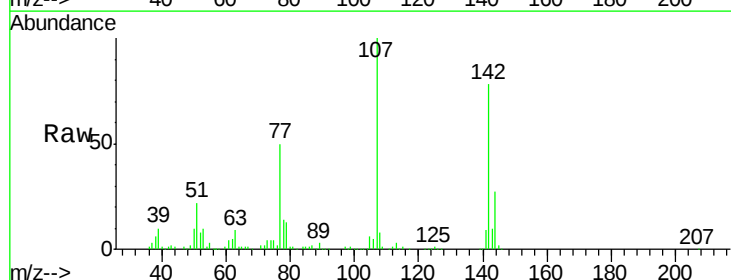
Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

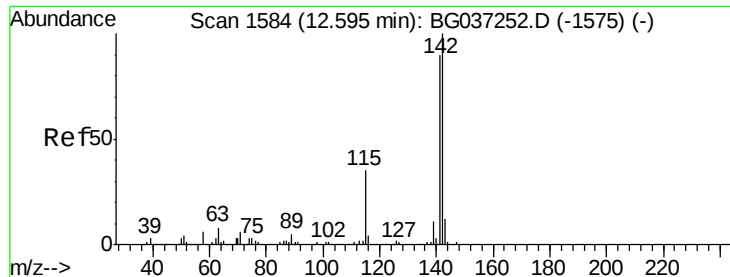
Tgt Ion:113 Resp: 46617
 Ion Ratio Lower Upper
 113 100
 55 190.4 176.6 216.6
 56 137.5 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.143 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:107 Resp: 211802
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.7 31.1
 142 77.8 64.4 96.6

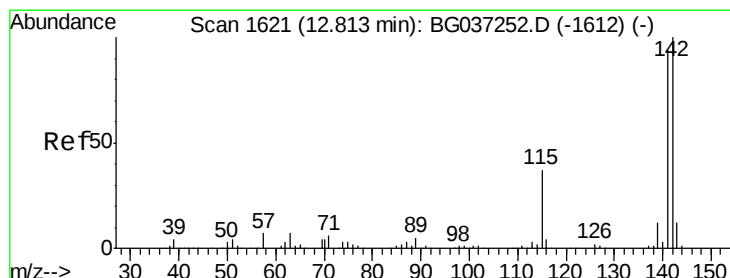
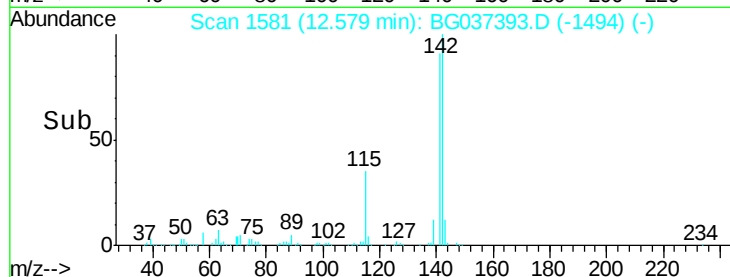
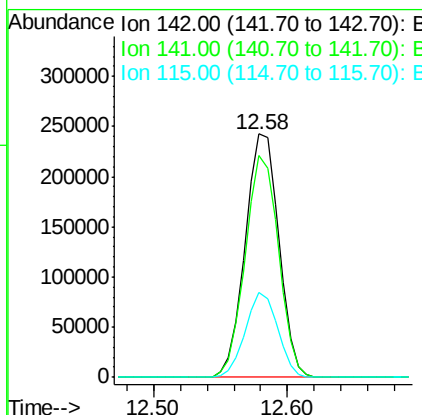
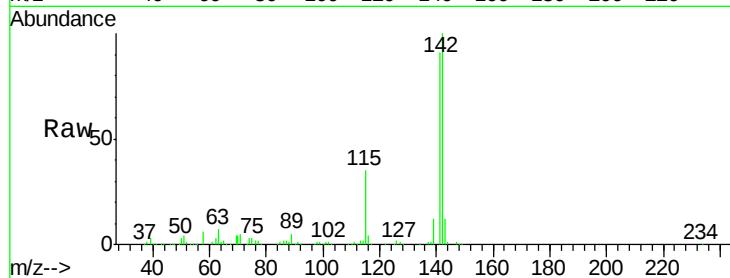




#37
2-Methylnaphthalene
Concen: 46.062 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

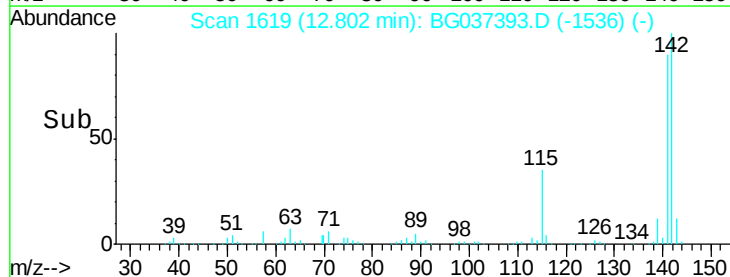
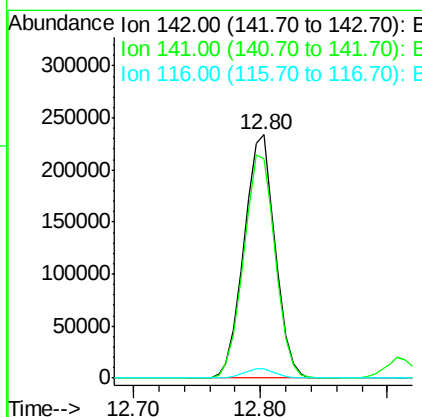
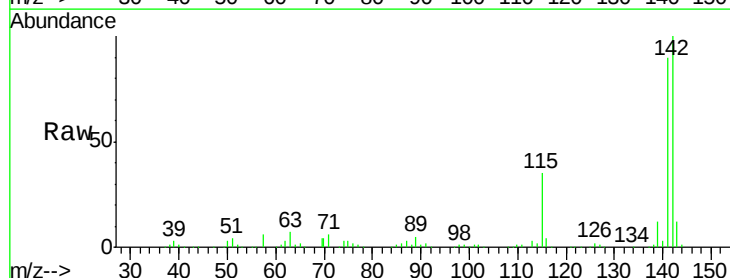
Instrument :
BNA_G
ClientSampleId :
PB113913BS

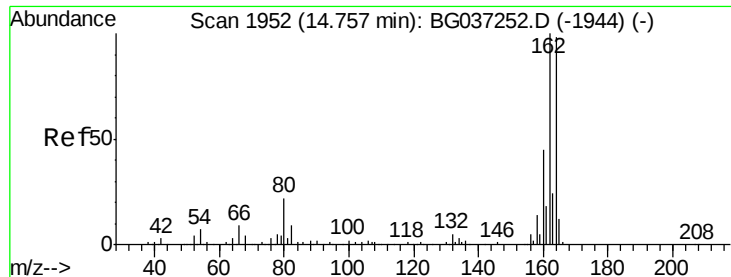
Tgt Ion:142 Resp: 421829
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9
115 34.8 27.8 41.8



#38
1-Methylnaphthalene
Concen: 44.582 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:142 Resp: 398757
Ion Ratio Lower Upper
142 100
141 90.2 75.2 112.8
116 3.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

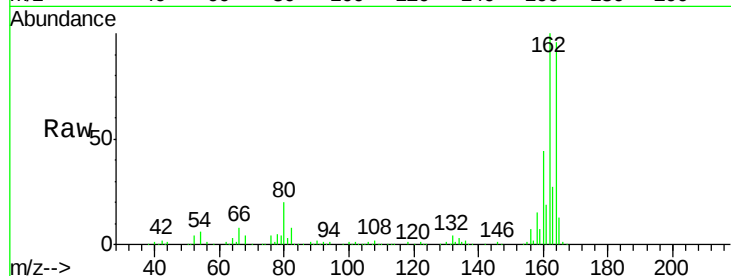
Tgt Ion:164 Resp: 173747

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

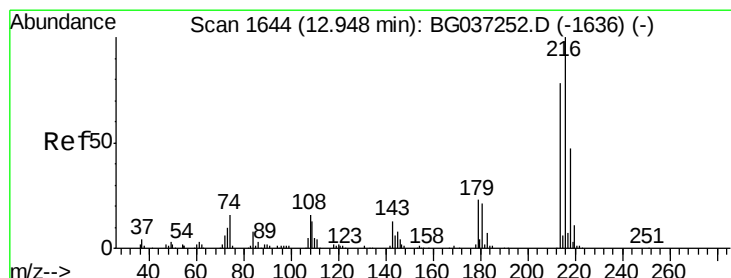
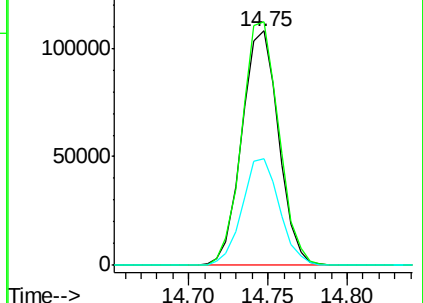
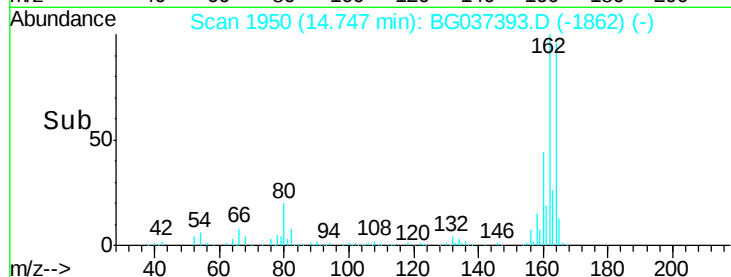
160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.928 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion:216 Resp: 213407

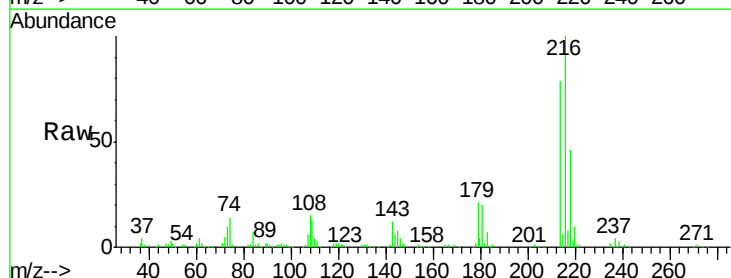
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 20.8 17.4 26.0

108 18.9 13.9 20.9

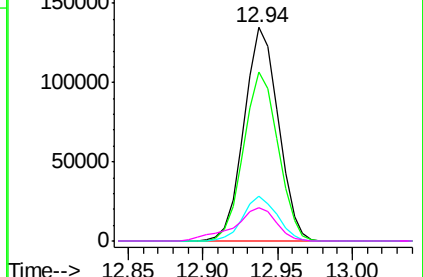
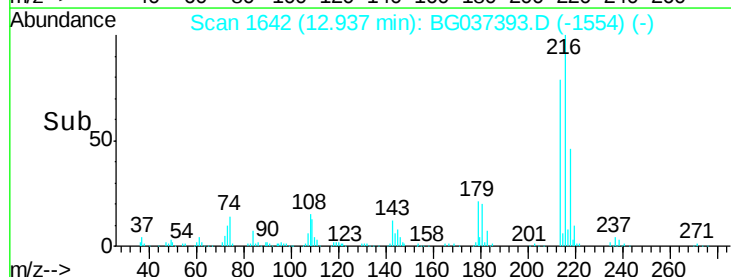


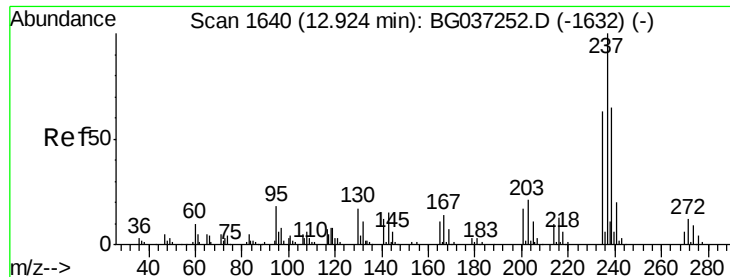
Abundance Ion 216.00 (215.70 to 216.70): E

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: 111.488 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

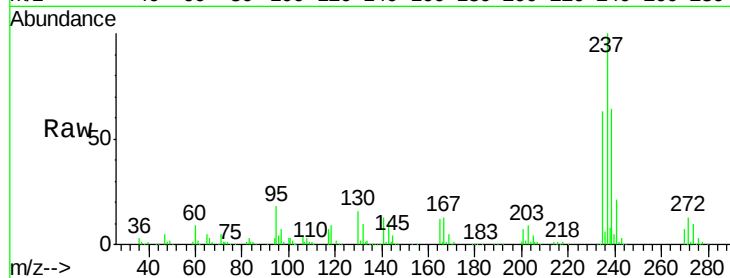
Tgt Ion: 237 Resp: 258608

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

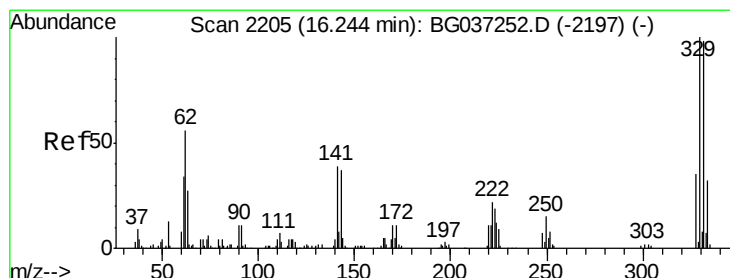
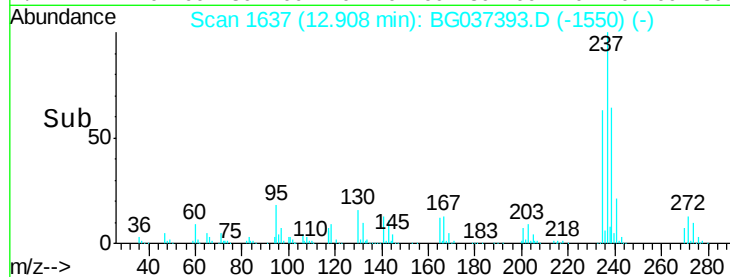
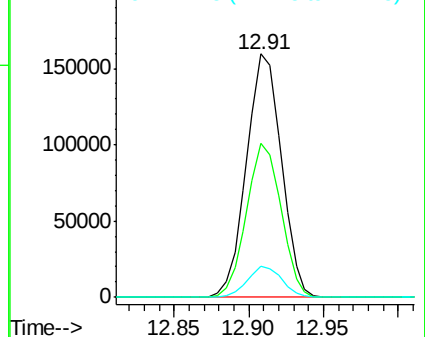
272 12.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.977 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

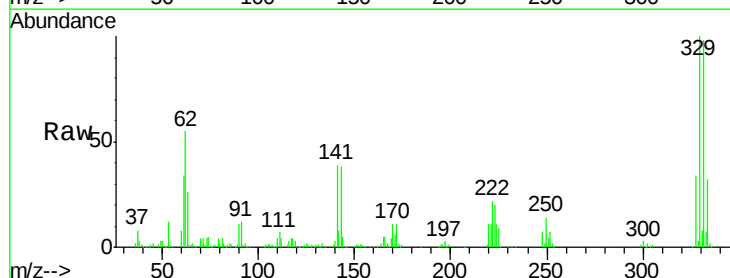
Tgt Ion: 330 Resp: 258964

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

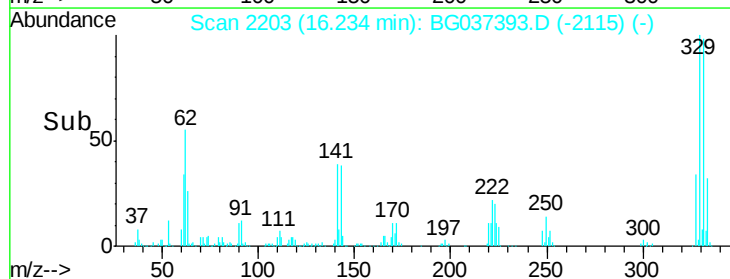
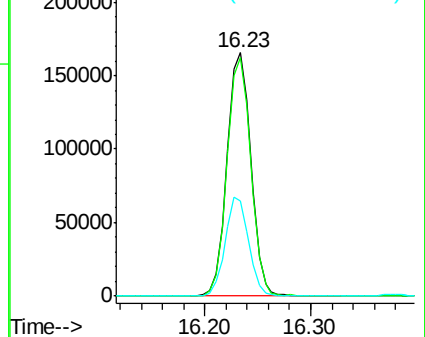
141 39.9 32.2 48.2

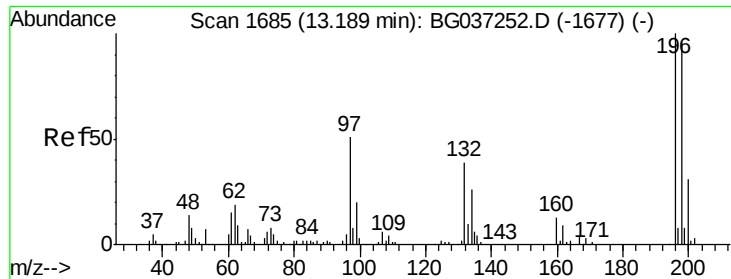


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

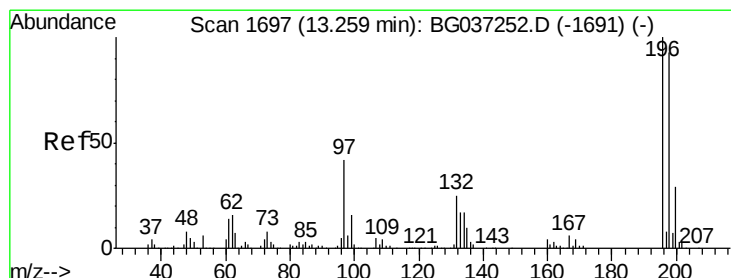
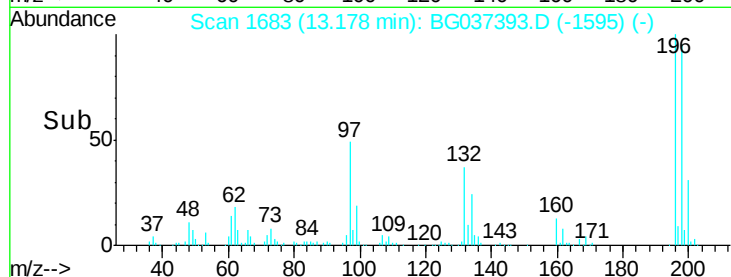
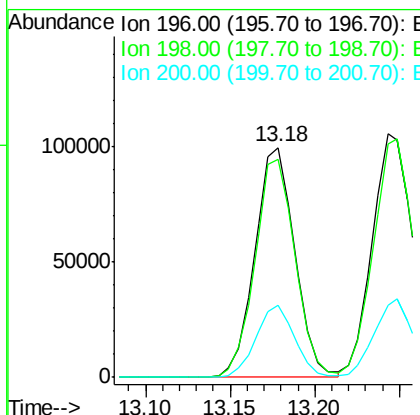
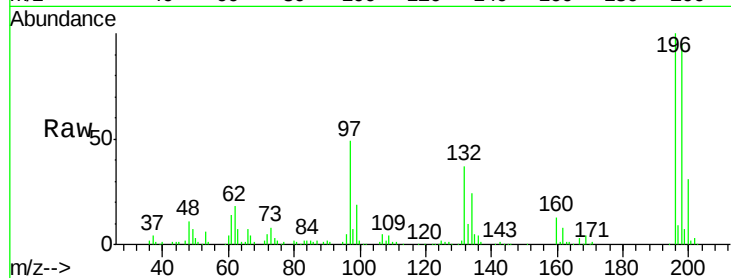




#43
 2,4,6-Trichlorophenol
 Concen: 50.245 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

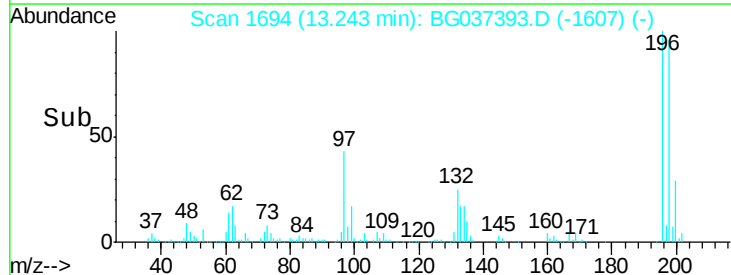
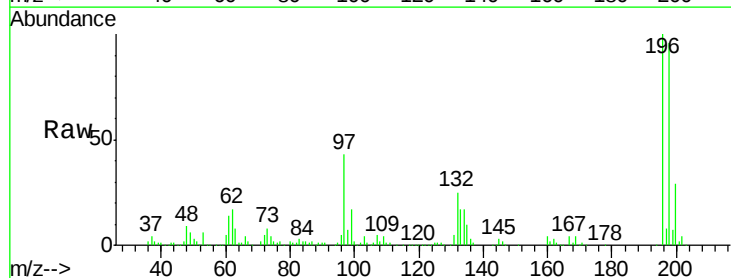
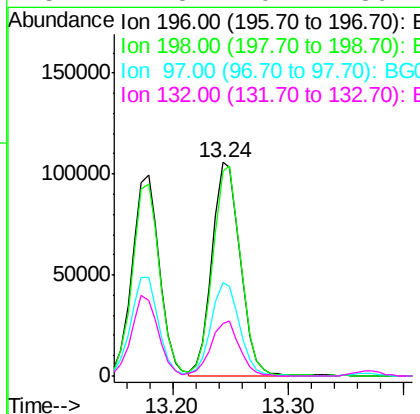
Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

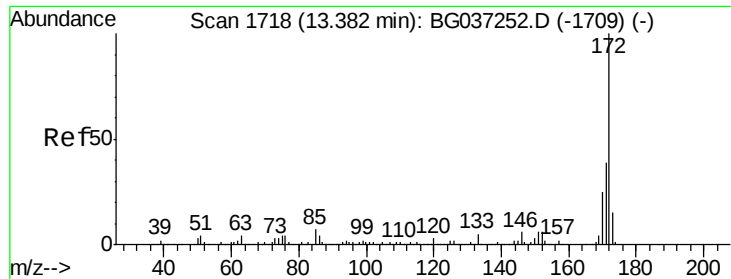
Tgt Ion:196 Resp: 164006
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.4 114.6
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.197 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:196 Resp: 179802
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.2 111.2
 97 43.5 34.1 51.1
 132 24.8 20.2 30.4

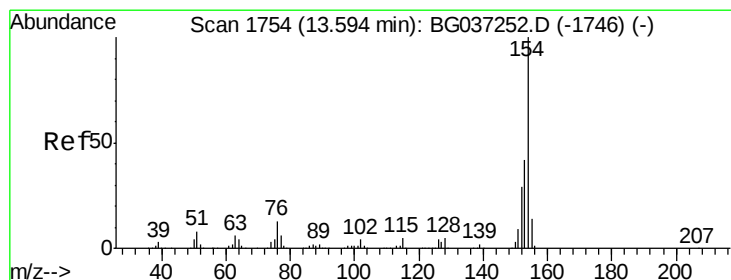
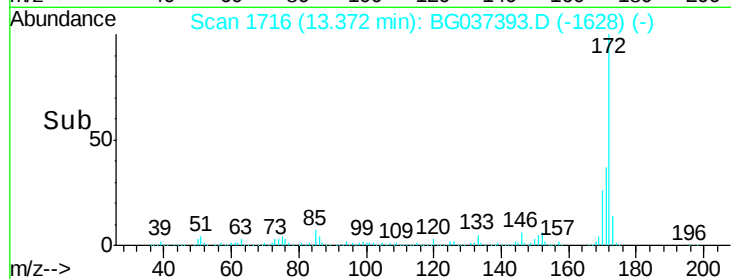
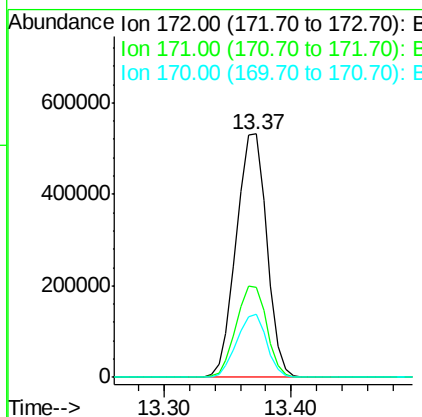
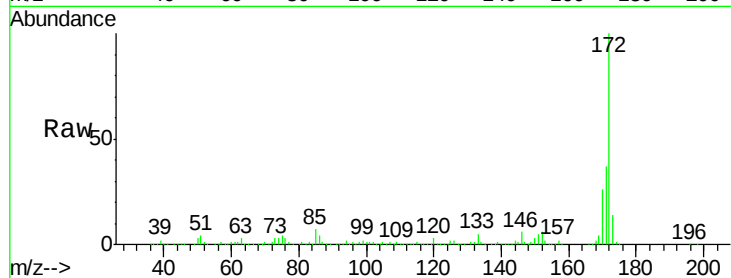




#45
 2-Fluorobiphenyl
 Concen: 76.830 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

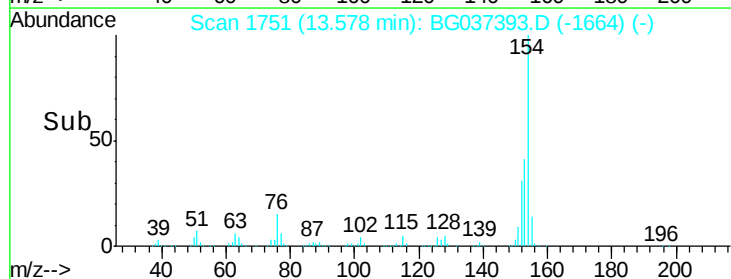
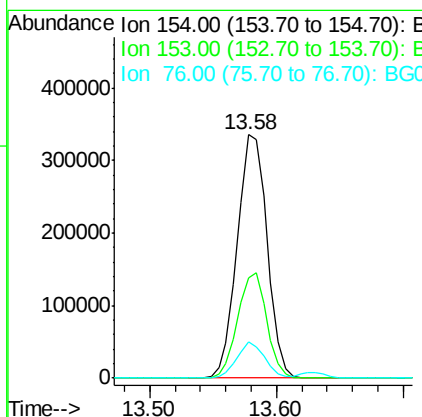
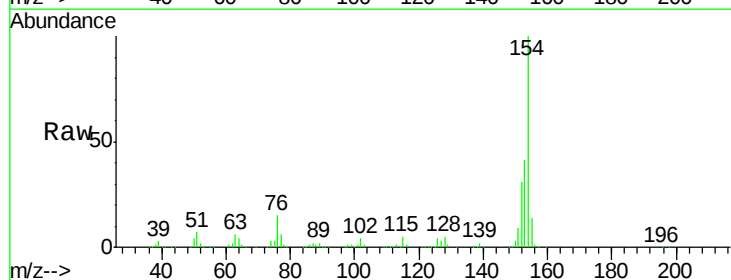
Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

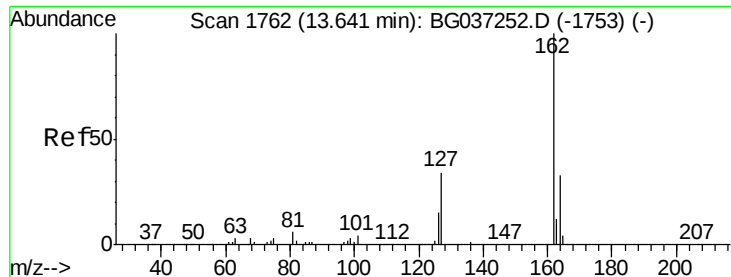
Tgt Ion:172 Resp: 888891
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 25.7 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 38.272 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:154 Resp: 547004
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.1 62.1
 76 14.8 0.0 33.2

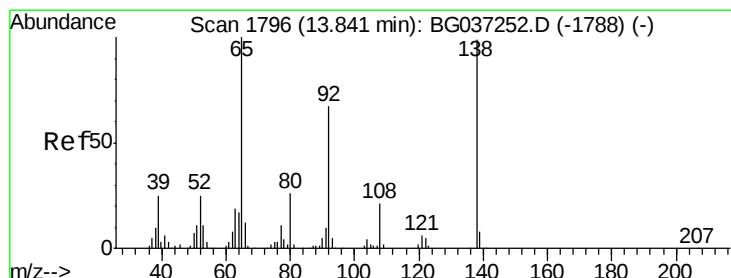
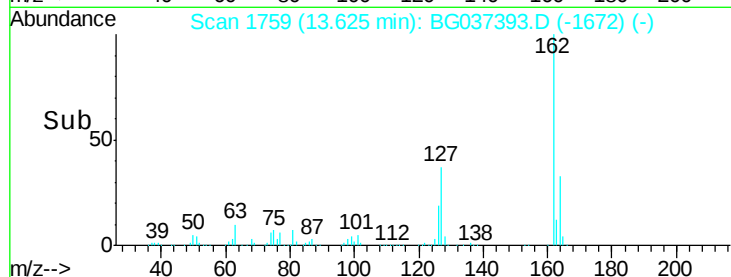
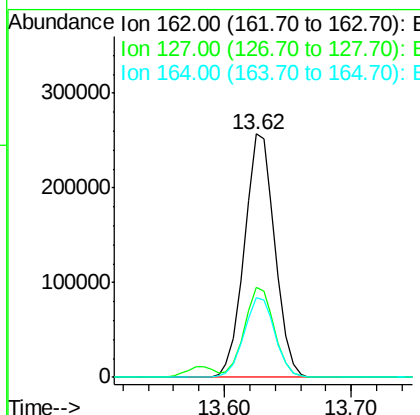
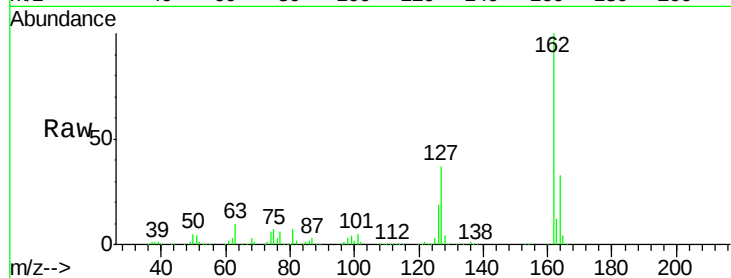




#47
 2-Chloronaphthalene
 Concen: 39.605 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

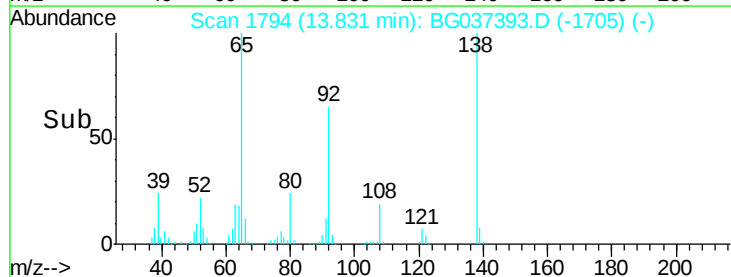
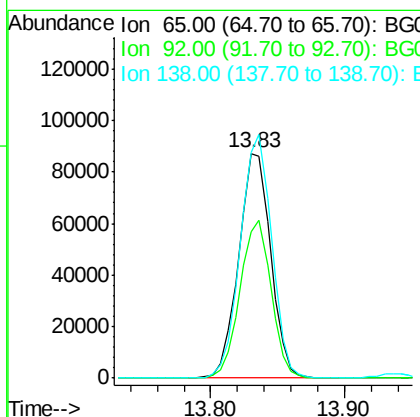
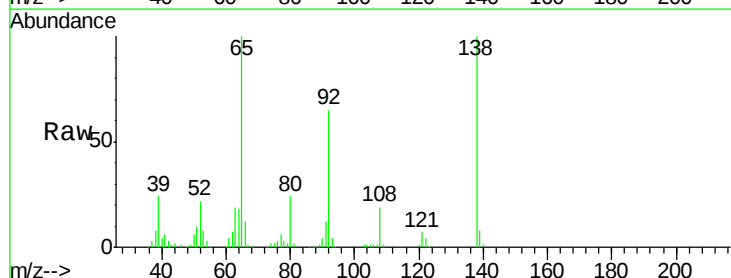
Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

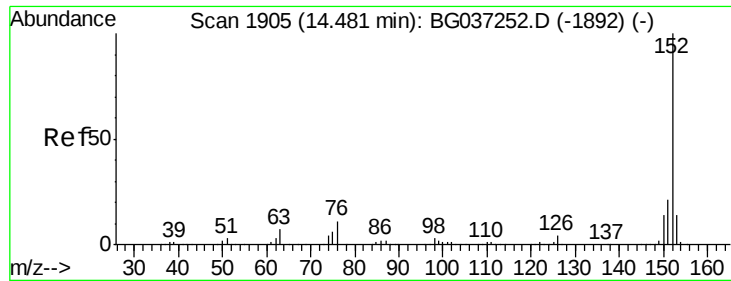
Tgt Ion: 162 Resp: 427580
 Ion Ratio Lower Upper
 162 100
 127 36.7 30.5 45.7
 164 32.6 26.4 39.6



#48
 2-Nitroaniline
 Concen: 49.296 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion: 65 Resp: 144711
 Ion Ratio Lower Upper
 65 100
 92 65.0 53.2 79.8
 138 100.2 79.3 118.9





#49

Acenaphthylene

Concen: 43.761 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

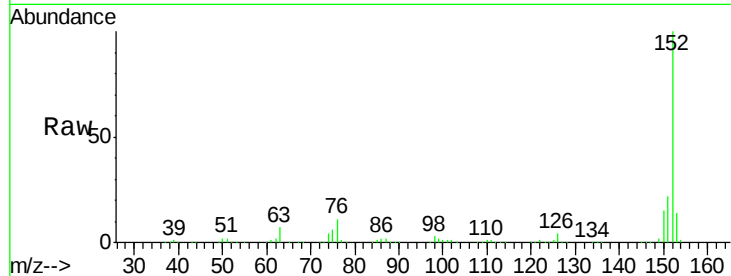
Tgt Ion:152 Resp: 722723

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

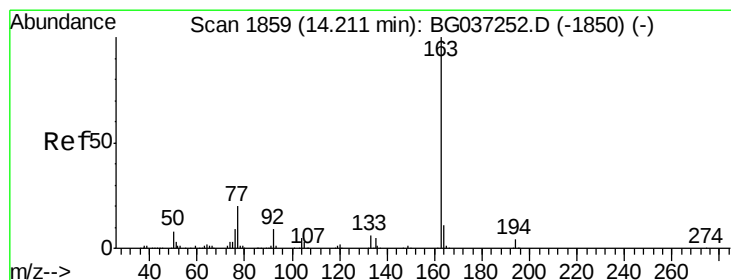
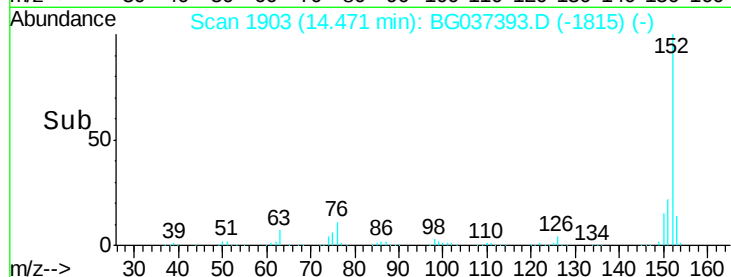
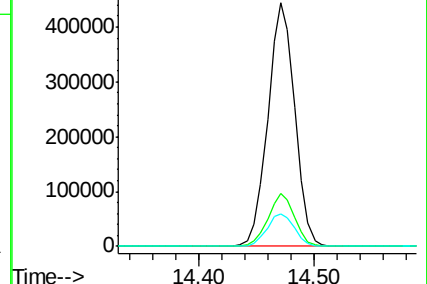
153 13.5 11.1 16.7



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: 42.339 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

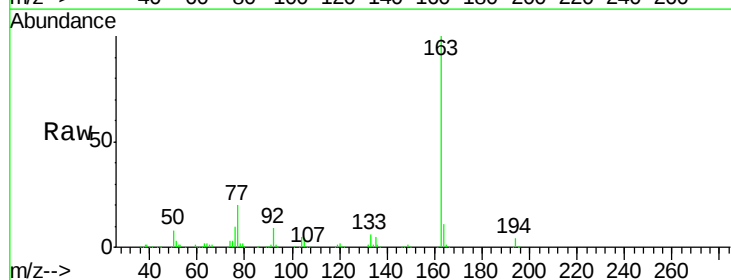
Tgt Ion:163 Resp: 578104

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

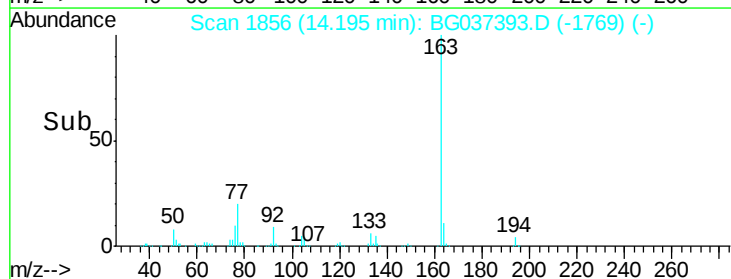
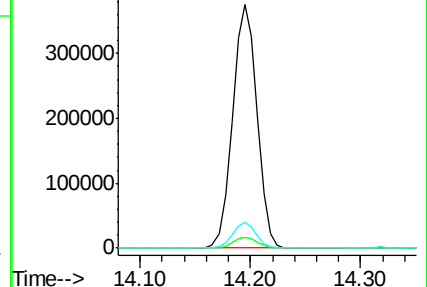
164 10.6 8.5 12.7

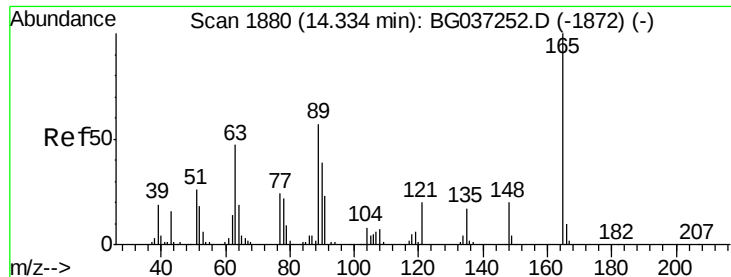


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

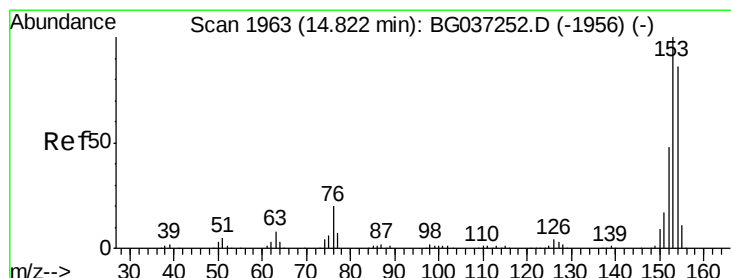
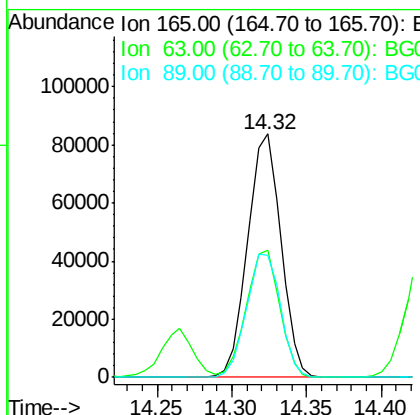
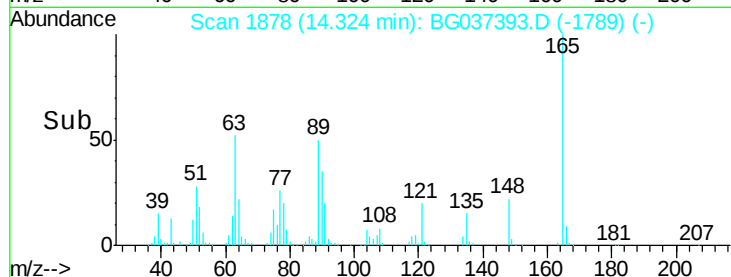
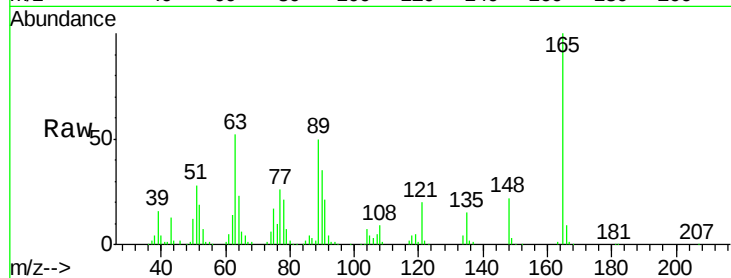




#51
 2,6-Dinitrotoluene
 Concen: 48.669 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

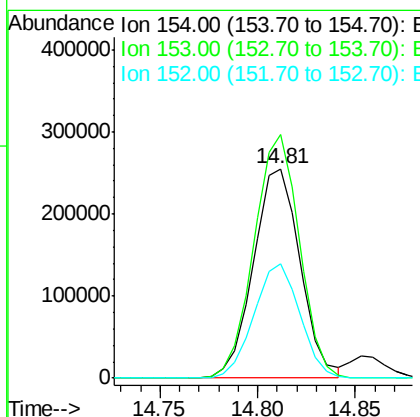
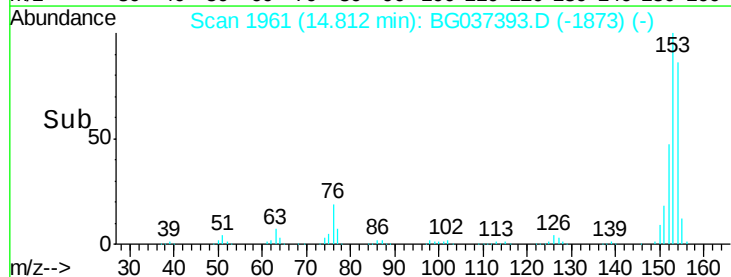
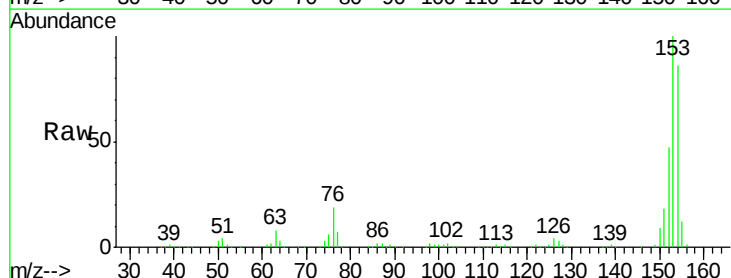
Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

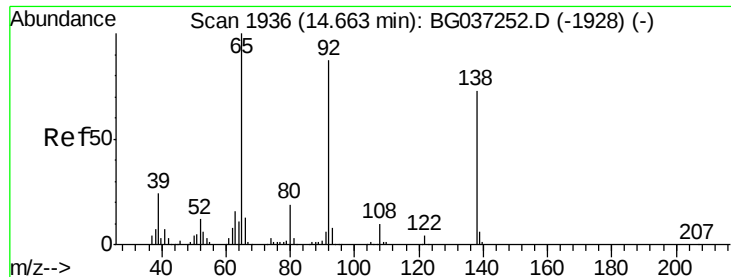
Tgt Ion:165 Resp: 129281
 Ion Ratio Lower Upper
 165 100
 63 52.2 43.4 65.2
 89 50.2 45.8 68.6



#52
 Acenaphthene
 Concen: 41.483 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:154 Resp: 423176
 Ion Ratio Lower Upper
 154 100
 153 116.2 93.4 140.0
 152 54.6 44.7 67.1





#53

3-Nitroaniline

Concen: 38.182 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

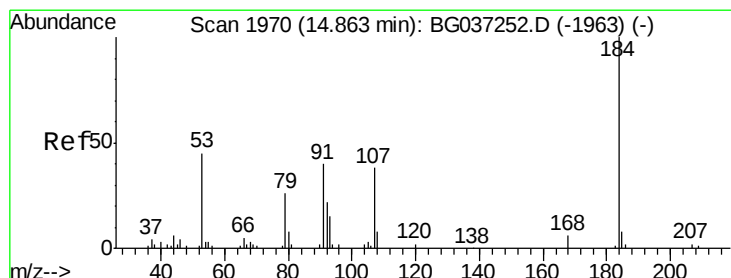
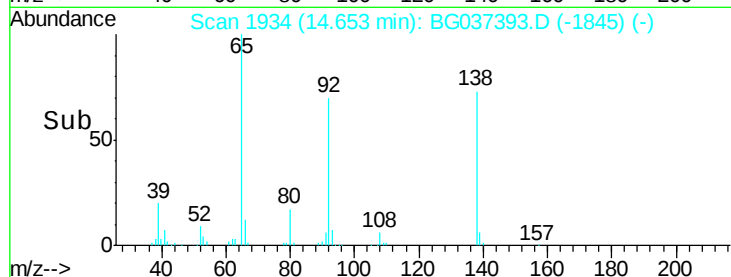
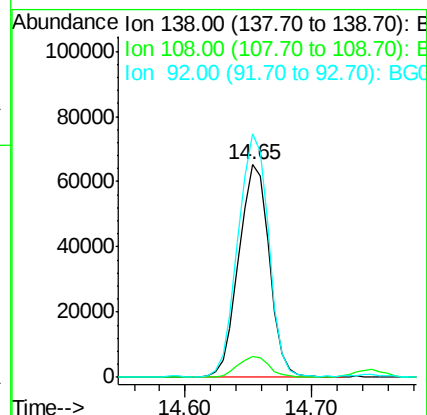
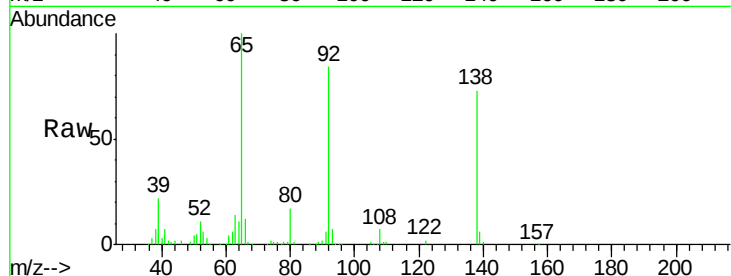
Tgt Ion:138 Resp: 109079

Ion Ratio Lower Upper

138 100

108 9.9 11.0 16.6#

92 114.6 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 116.057 ng

RT: 14.86 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

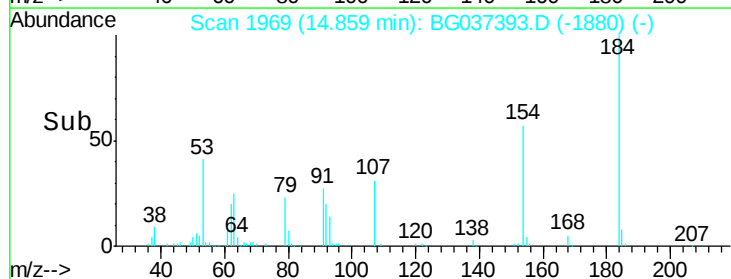
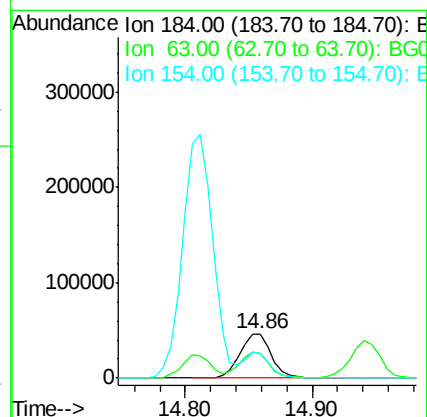
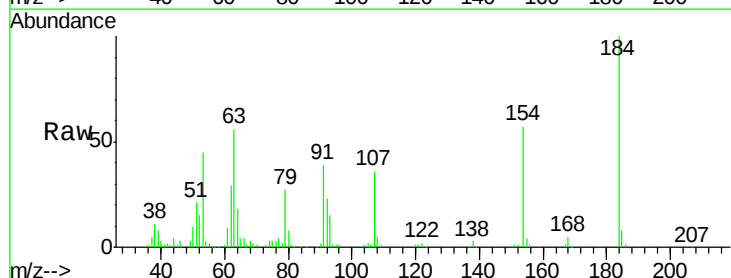
Tgt Ion:184 Resp: 79295

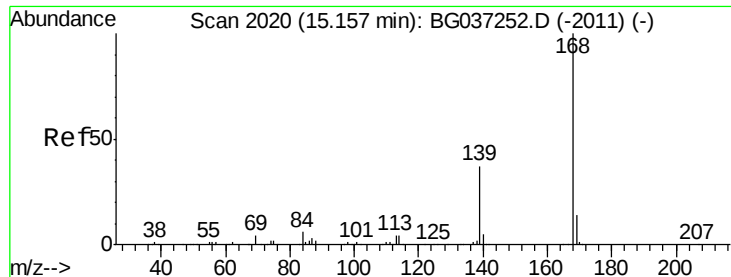
Ion Ratio Lower Upper

184 100

63 56.2 42.6 63.8

154 56.6 41.8 62.6

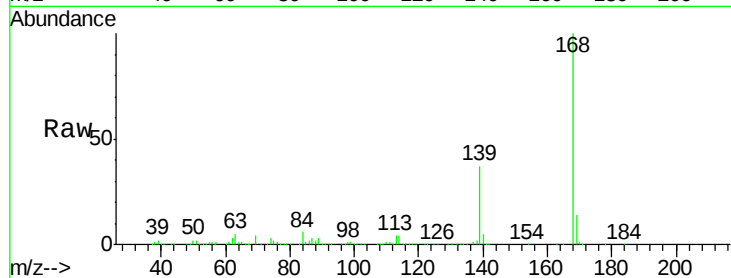




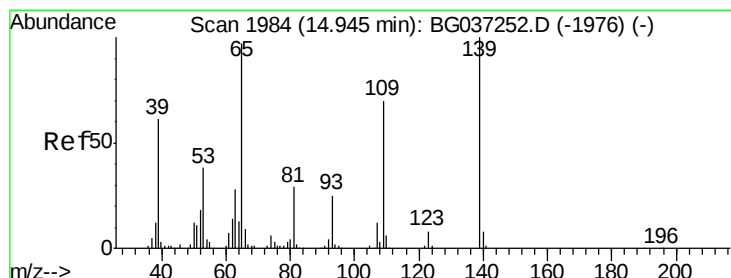
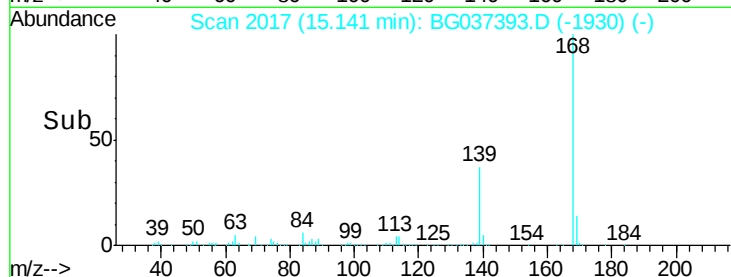
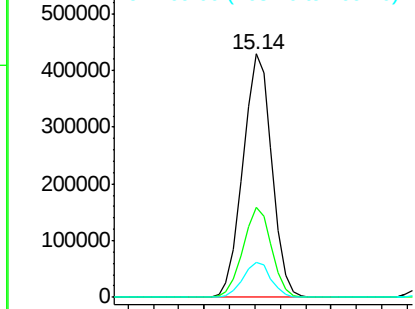
#55
Dibenzenofuran
Concen: 40.888 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tgt Ion:168 Resp: 676819
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0
169 14.3 11.0 16.6

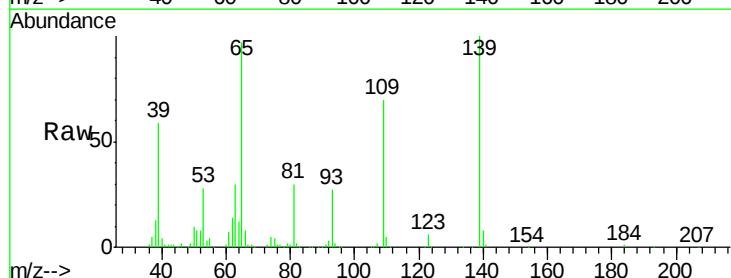


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

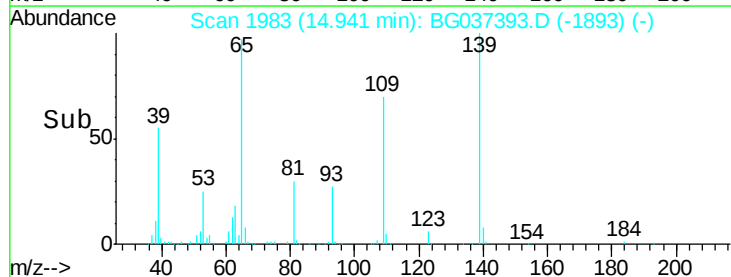
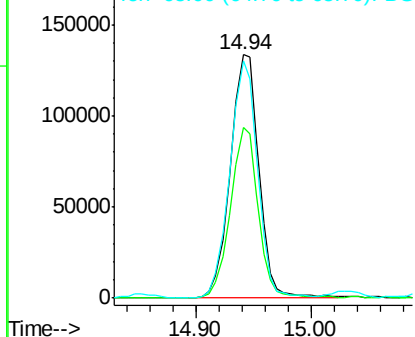


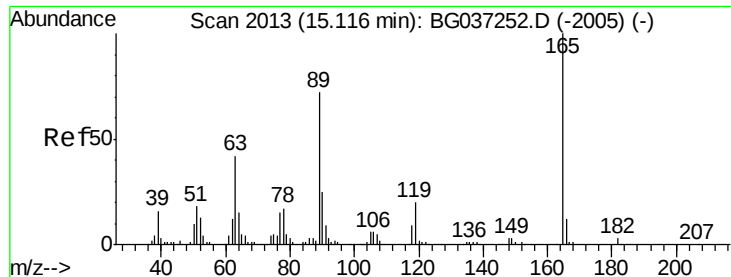
#56
4-Nitrophenol
Concen: 102.950 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:139 Resp: 229259
Ion Ratio Lower Upper
139 100
109 70.0 49.5 89.5
65 97.5 76.8 116.8



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





#57

2,4-Dinitrotoluene

Concen: 52.921 ng

RT: 15.11 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

Tgt Ion:165 Resp: 179710

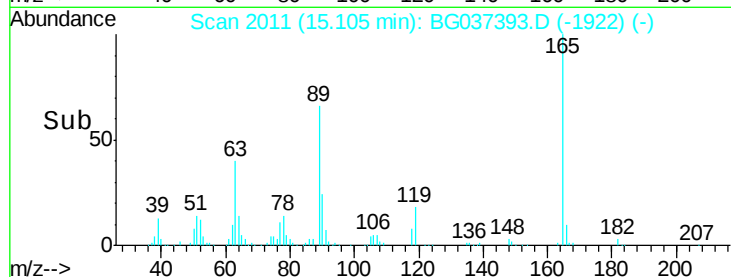
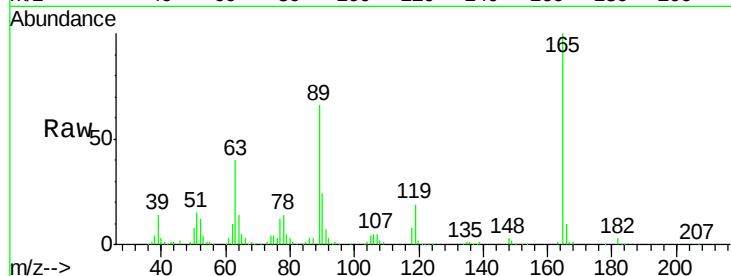
Ion Ratio Lower Upper

165 100

63 40.1 33.4 50.0

89 65.8 57.2 85.8

182 2.7 2.6 4.0

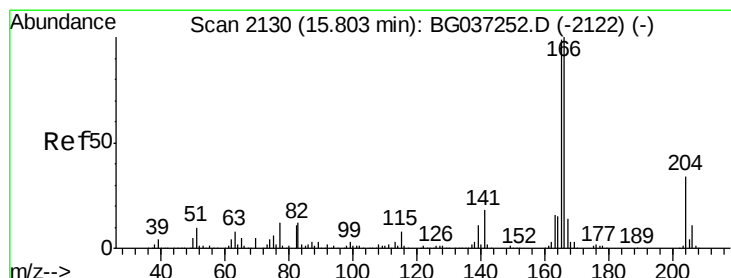
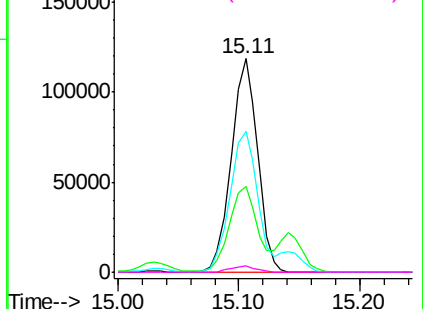


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.885 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

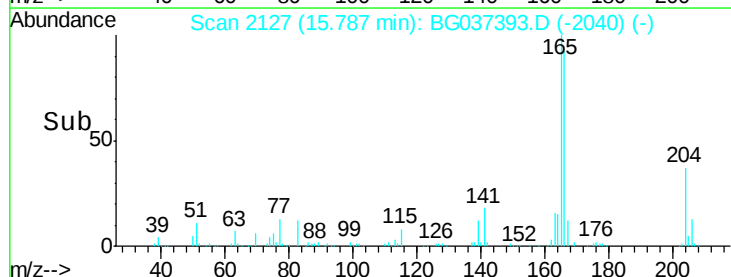
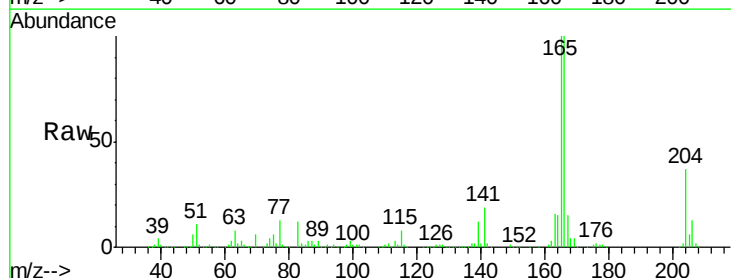
Tgt Ion:166 Resp: 549383

Ion Ratio Lower Upper

166 100

165 100.4 79.0 118.6

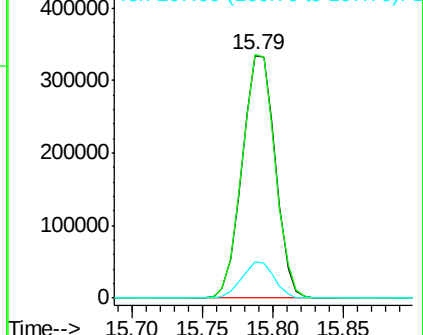
167 15.0 11.3 16.9

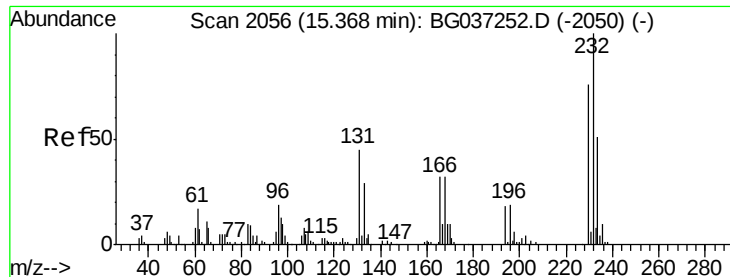


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

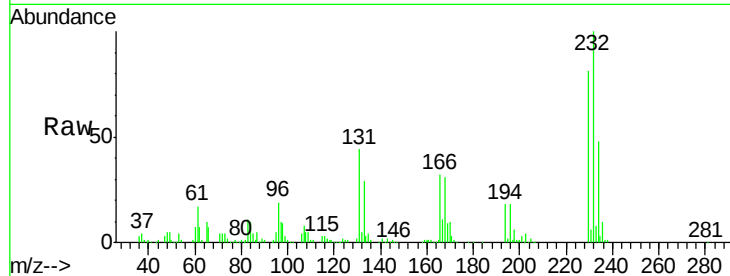




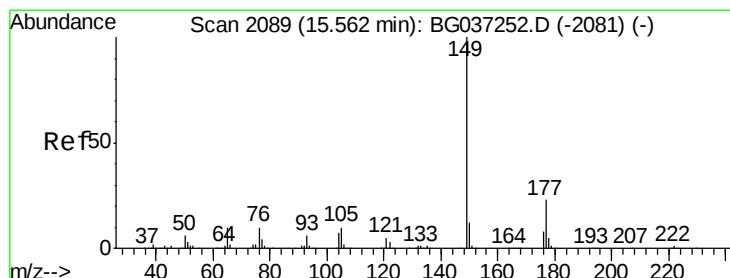
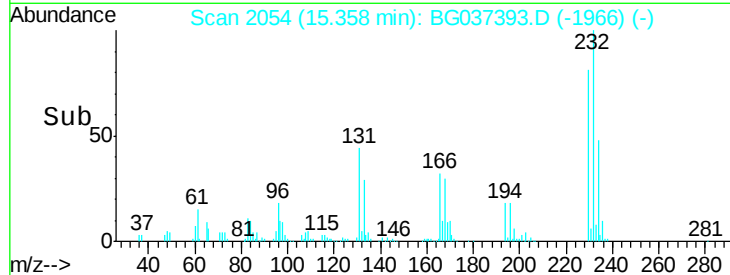
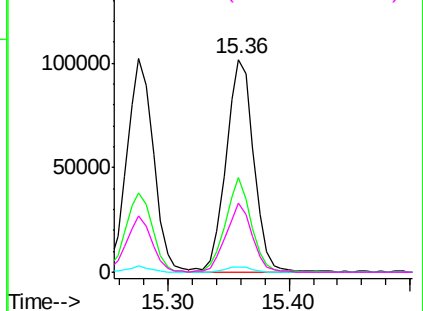
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.750 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tgt Ion:232 Resp: 160907
Ion Ratio Lower Upper
232 100
131 41.6 33.7 50.5
130 2.4 2.1 3.1
166 30.9 24.6 36.8

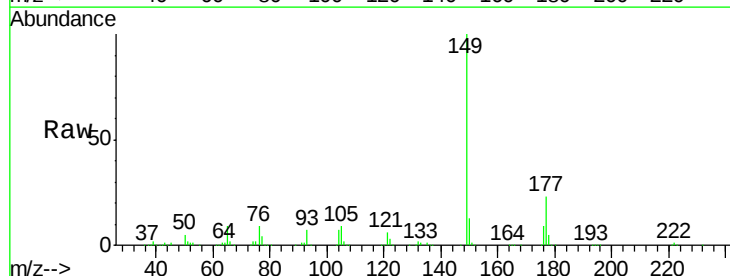


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

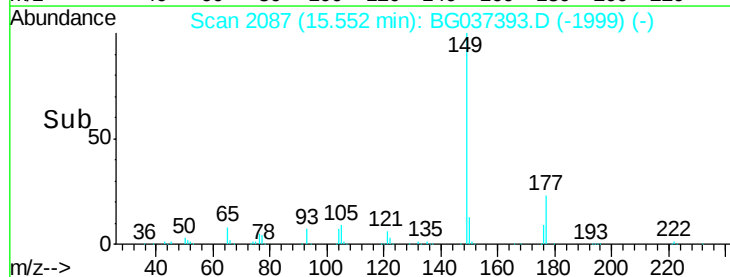
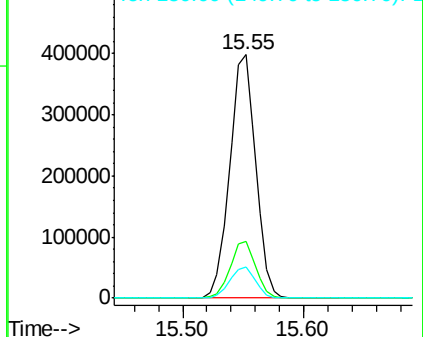


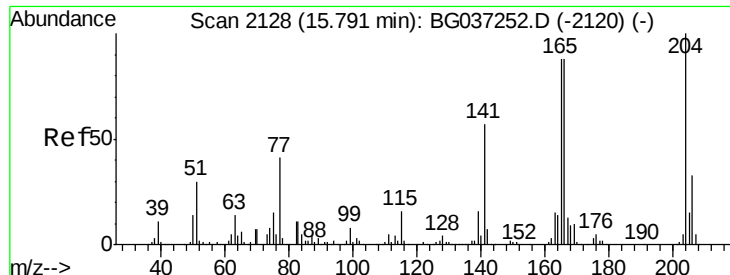
#60
Diethylphthalate
Concen: 42.011 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:149 Resp: 594479
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

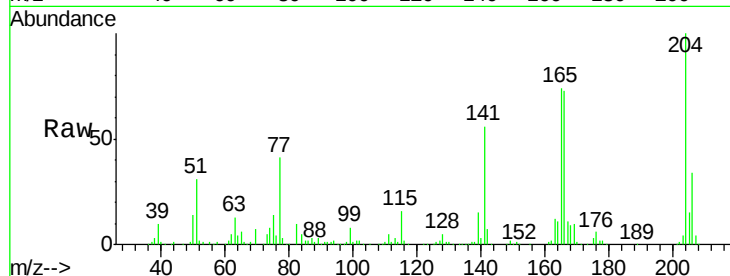




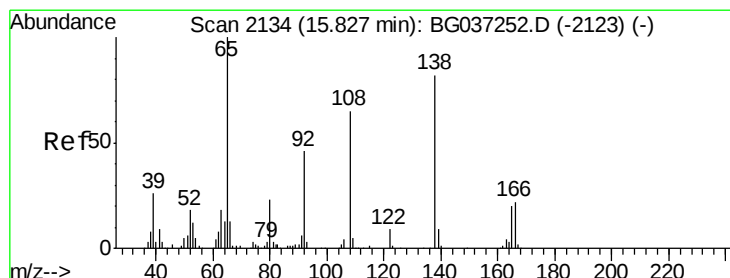
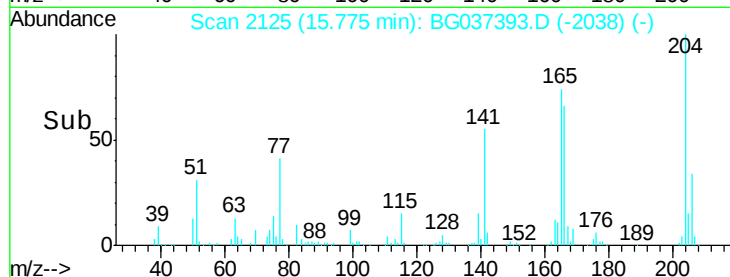
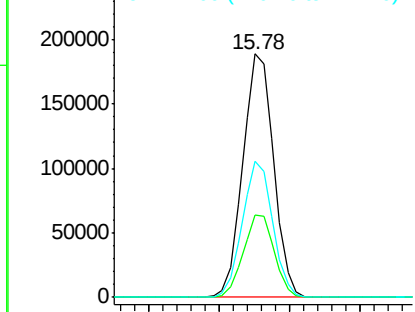
#61
 4-Chlorophenyl-phenylether
 Concen: 39.353 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Tgt Ion: 204 Resp: 287969
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.6 39.8
 141 55.8 45.4 68.2

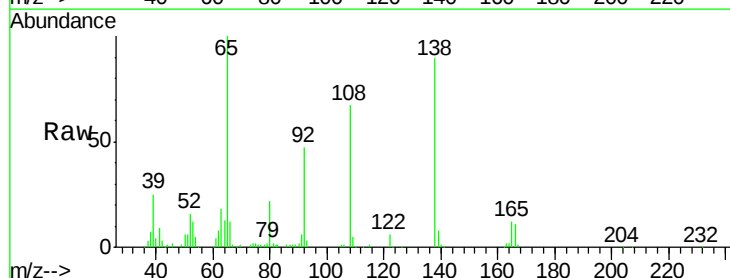


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

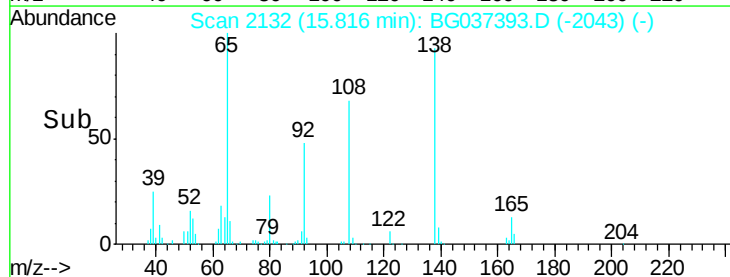
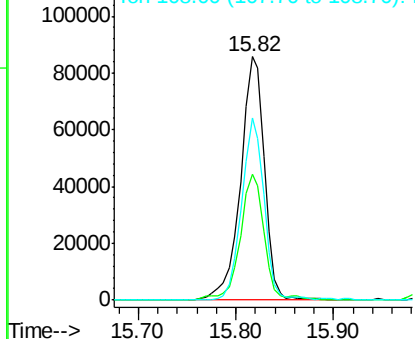


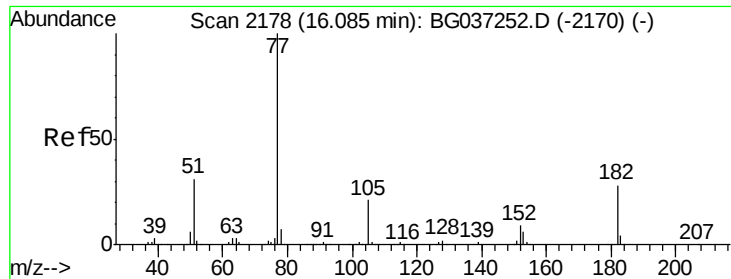
#62
 4-Nitroaniline
 Concen: 48.819 ng
 RT: 15.82 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion: 138 Resp: 146385
 Ion Ratio Lower Upper
 138 100
 92 51.6 36.4 76.4
 108 74.6 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

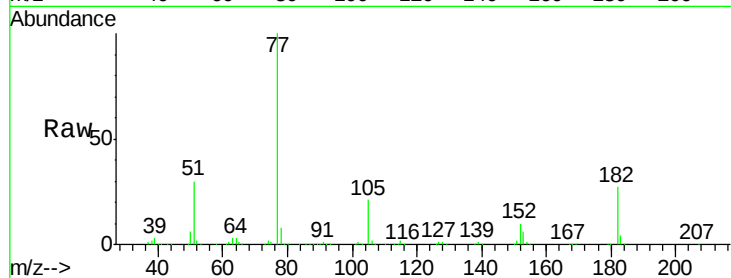




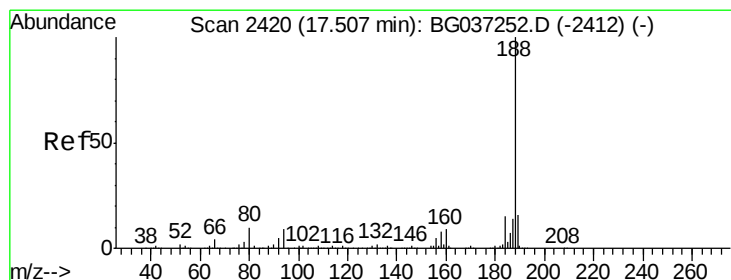
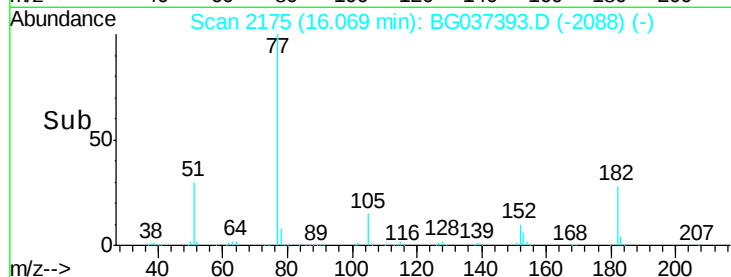
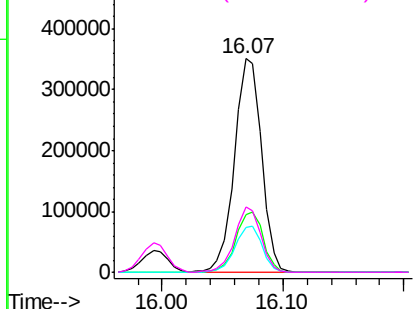
#63
Azobenzene
Concen: 40.394 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tgt Ion: 77 Resp: 548039
Ion Ratio Lower Upper
77 100
182 27.2 8.0 48.0
105 21.3 1.3 41.3
51 30.3 10.7 50.7

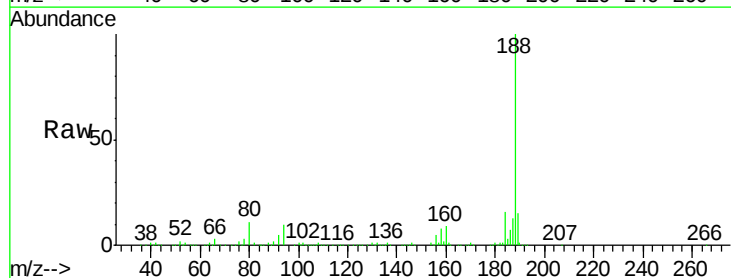


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

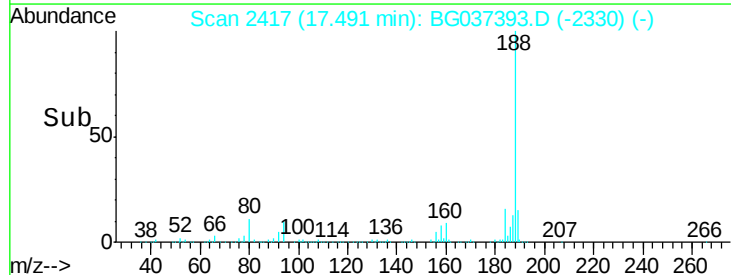
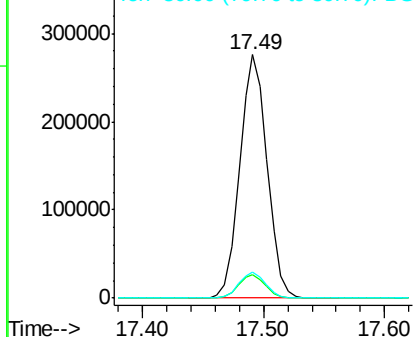


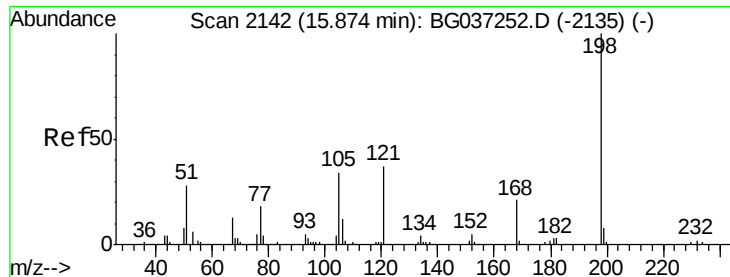
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion: 188 Resp: 432654
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

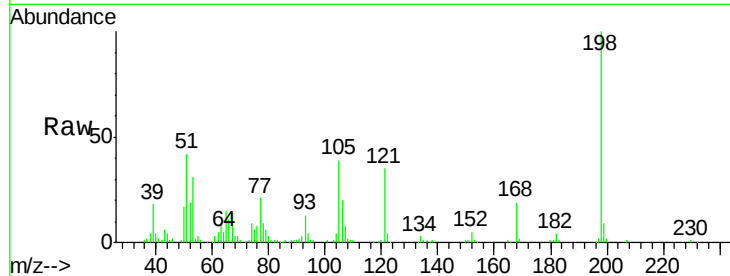




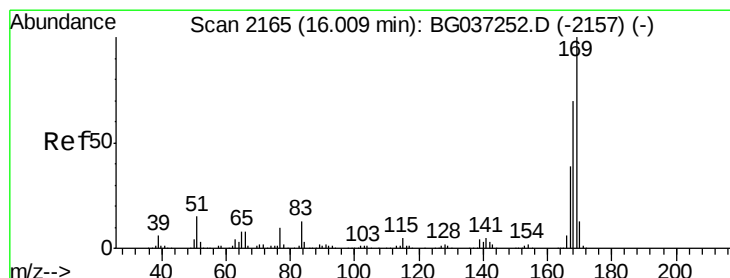
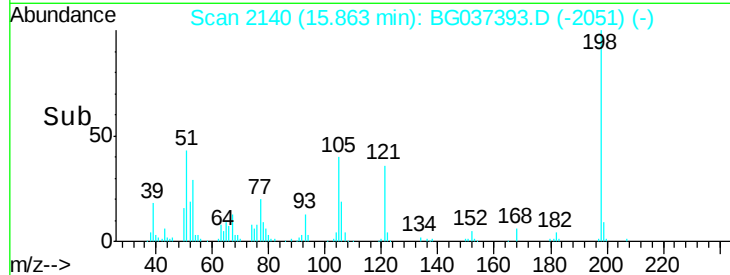
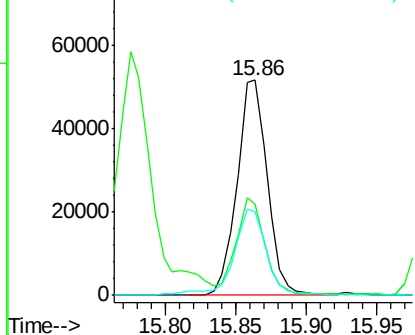
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.005 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Tgt Ion:198 Resp: 77377
 Ion Ratio Lower Upper
 198 100
 51 42.3 22.7 62.7
 105 38.9 19.7 59.7

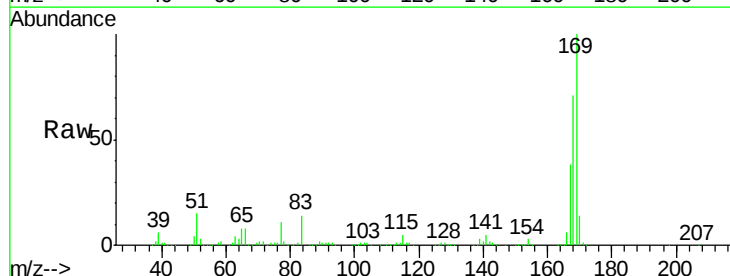


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

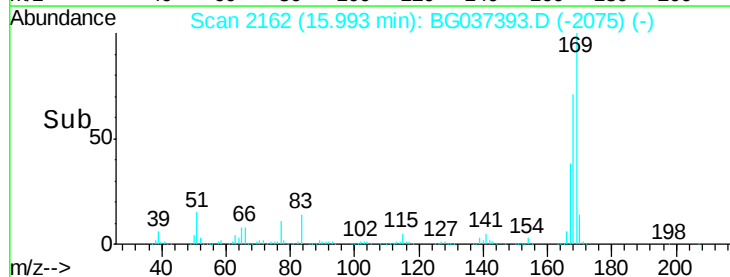
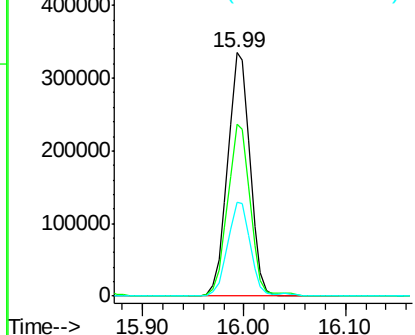


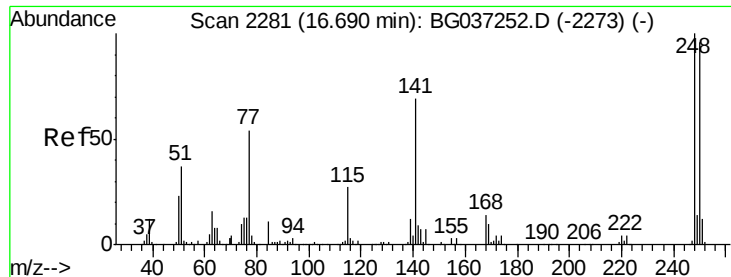
#66
 n-Nitrosodiphenylamine
 Concen: 40.261 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:169 Resp: 511546
 Ion Ratio Lower Upper
 169 100
 168 70.8 55.7 83.5
 167 38.5 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

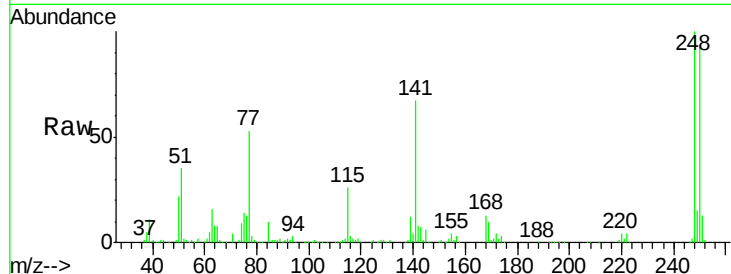




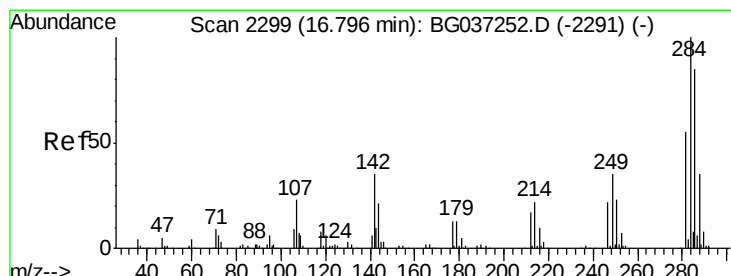
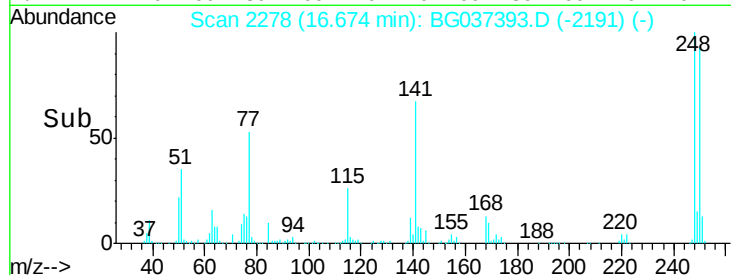
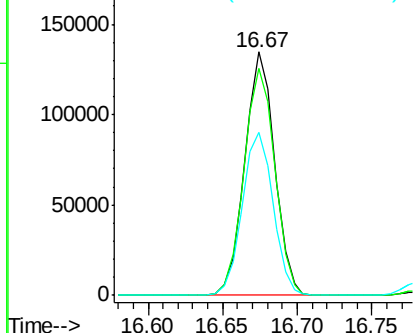
#67
 4-Bromophenyl-phenylether
 Concen: 39.716 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Tgt Ion:248 Resp: 185449
 Ion Ratio Lower Upper
 248 100
 250 93.1 77.0 115.6
 141 67.1 55.5 83.3

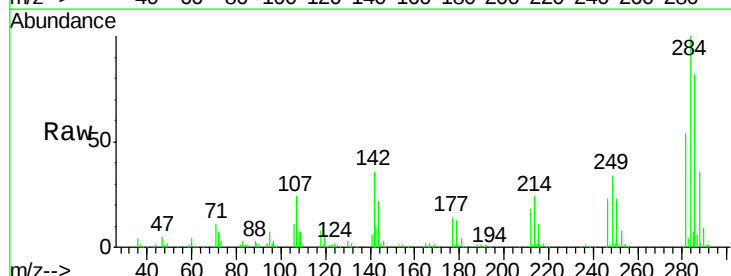


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

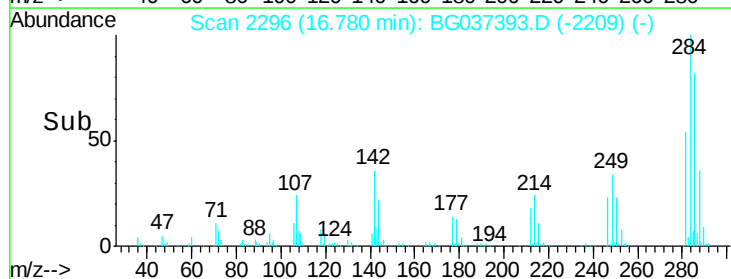
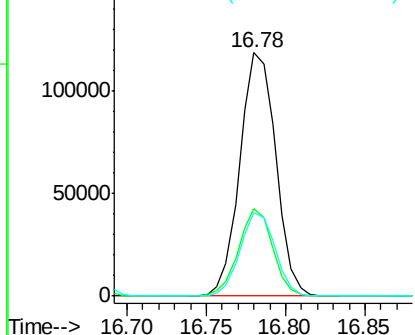


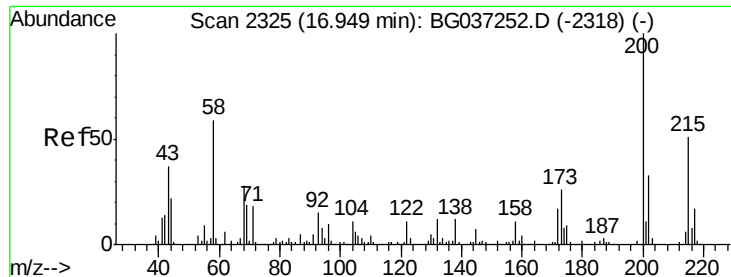
#68
 Hexachlorobenzene
 Concen: 38.583 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:284 Resp: 186792
 Ion Ratio Lower Upper
 284 100
 142 36.0 28.1 42.1
 249 36.6 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: 42.636 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

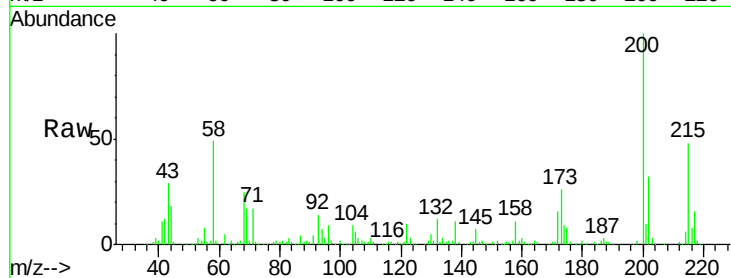
Tgt Ion:200 Resp: 201342

Ion Ratio Lower Upper

200 100

173 25.9 6.1 46.1

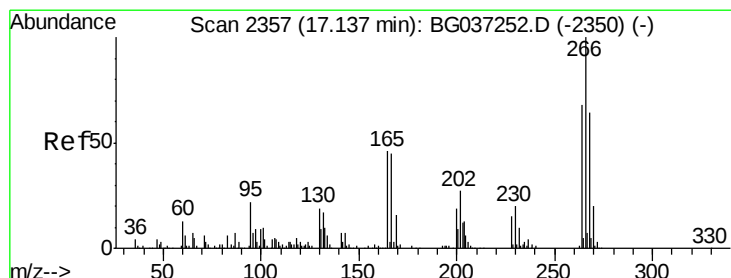
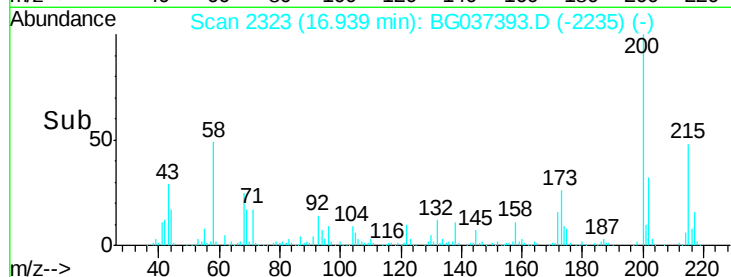
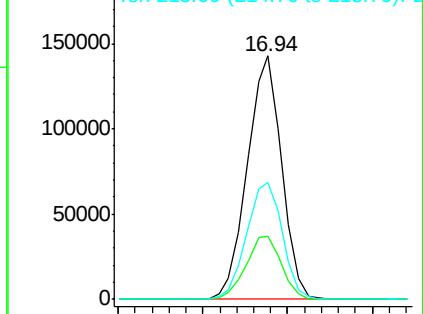
215 47.9 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.627 ng

RT: 17.13 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

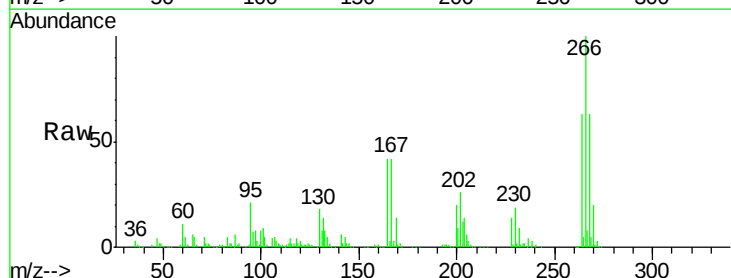
Tgt Ion:266 Resp: 233100

Ion Ratio Lower Upper

266 100

268 67.5 55.0 82.6

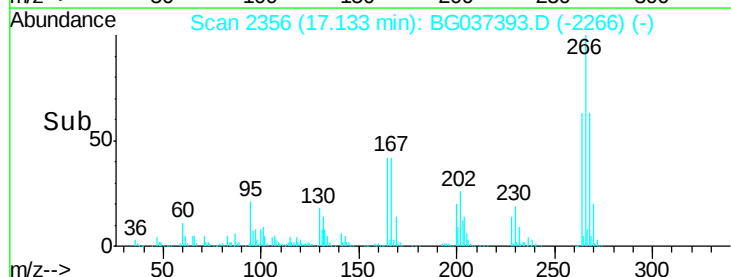
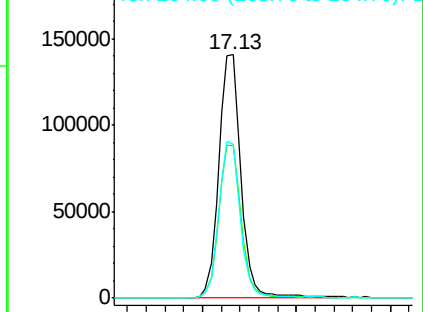
264 68.5 58.9 88.3

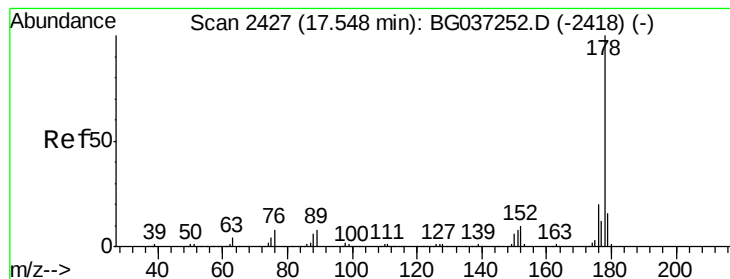


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.899 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

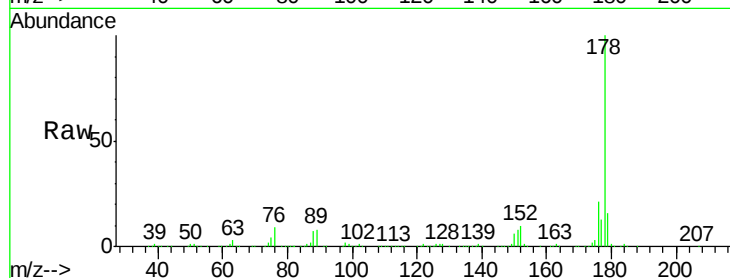
Tgt Ion:178 Resp: 922767

Ion Ratio Lower Upper

178 100

176 20.8 16.1 24.1

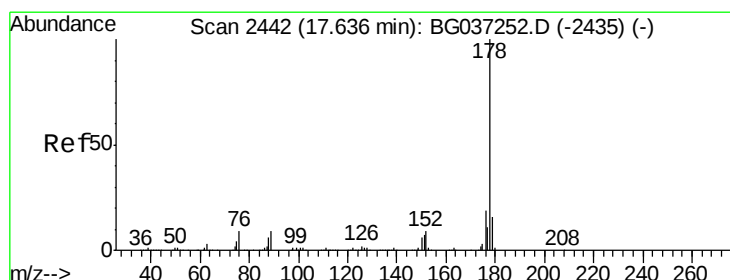
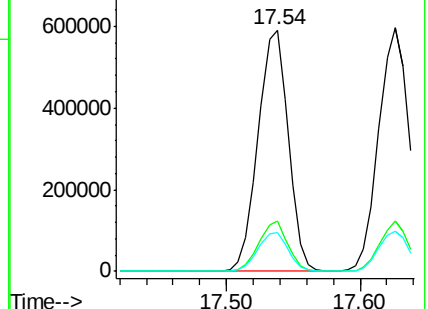
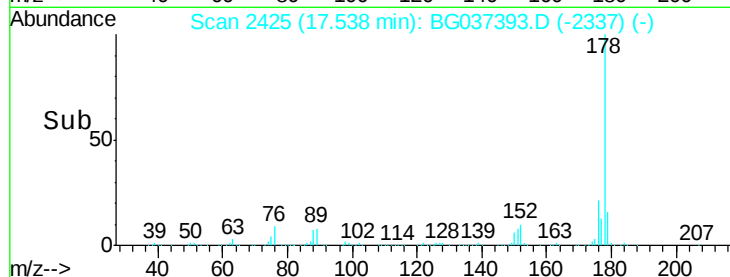
179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.740 ng

RT: 17.63 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

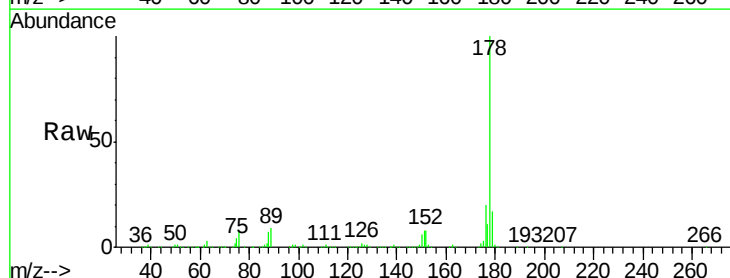
Tgt Ion:178 Resp: 942895

Ion Ratio Lower Upper

178 100

176 20.4 15.0 22.4

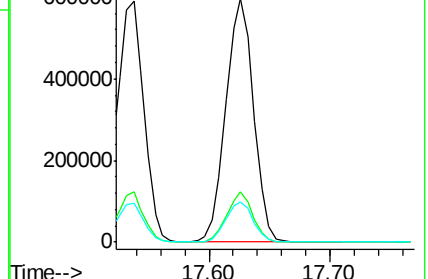
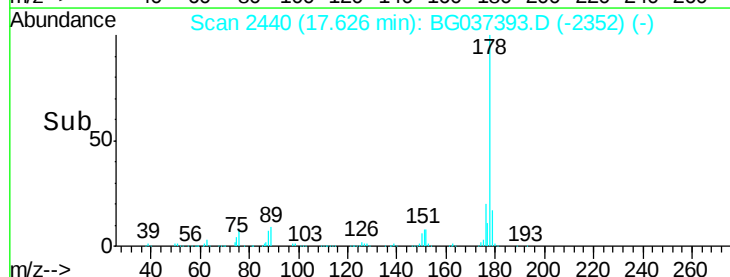
179 16.5 12.8 19.2

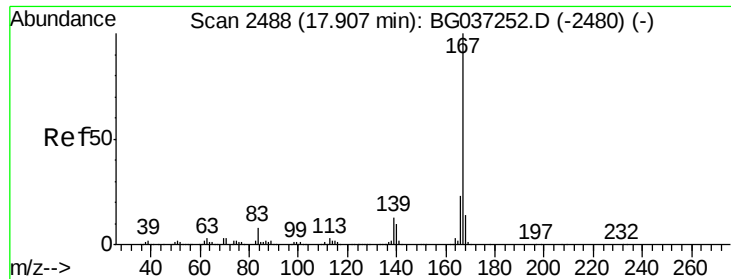


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

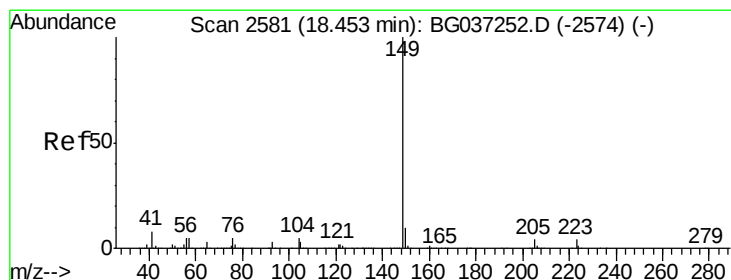
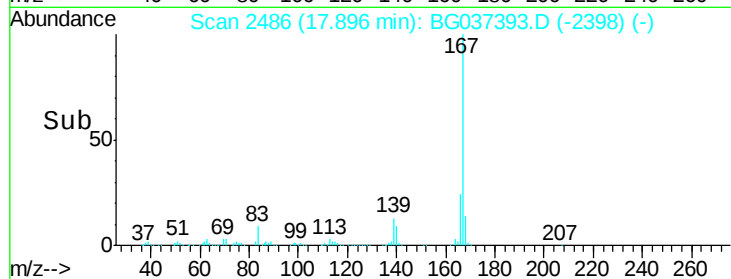
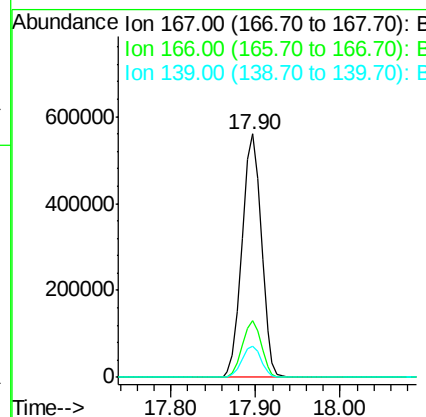
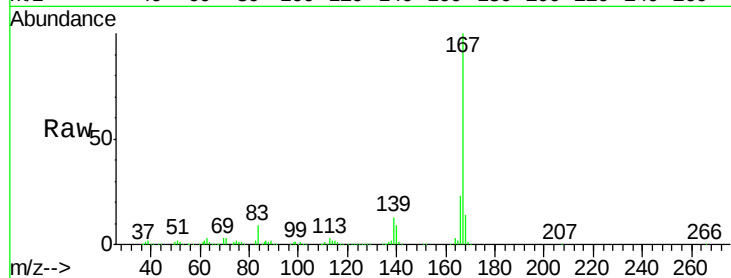




#73
 Carbazole
 Concen: 39.523 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

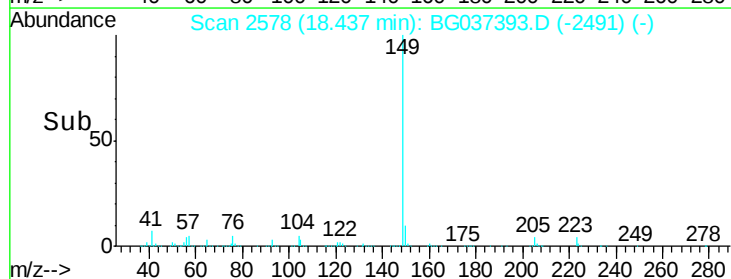
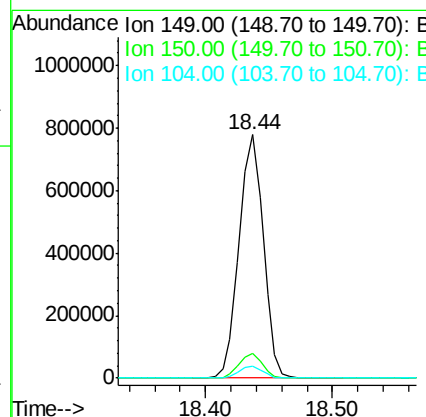
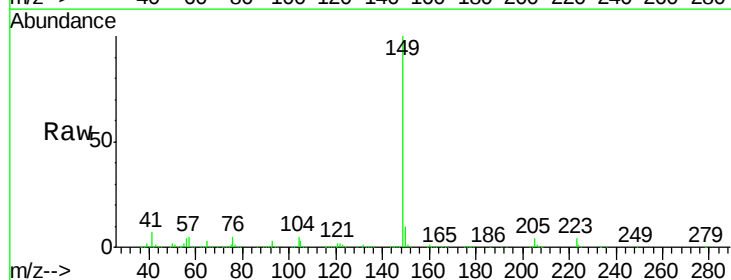
Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

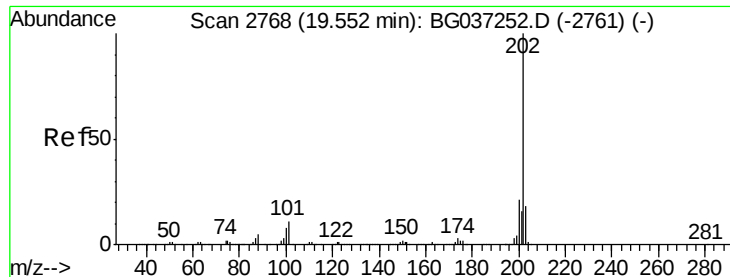
Tgt Ion:167 Resp: 877837
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.3 27.5
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.115 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion:149 Resp: 1026376
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.2
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 42.899 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

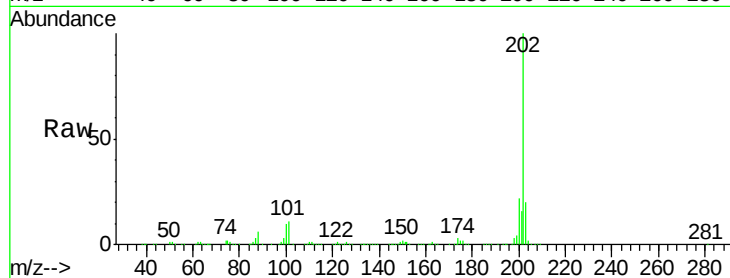
Tgt Ion:202 Resp: 1104270

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

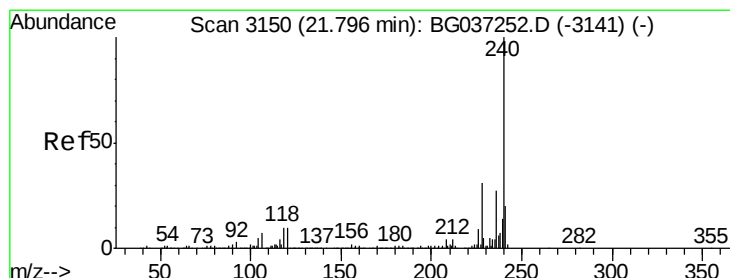
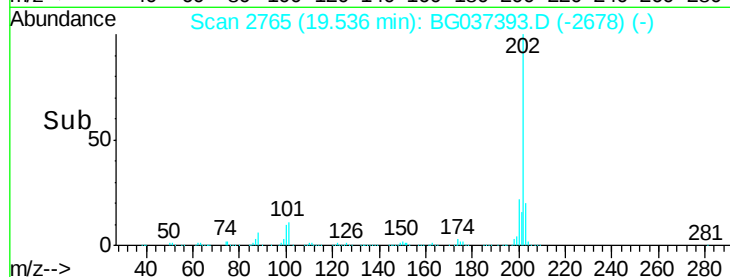
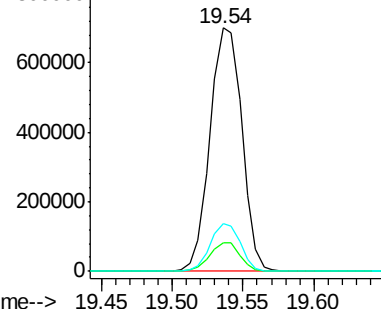
203 19.8 0.0 38.5



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: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

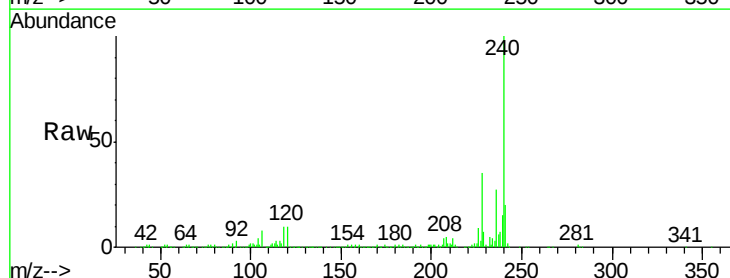
Tgt Ion:240 Resp: 398018

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

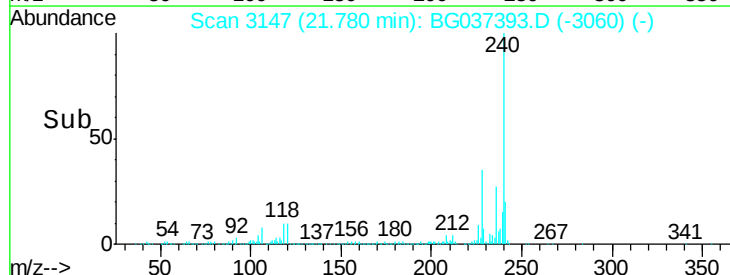
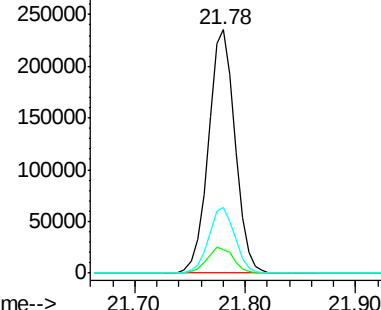
236 26.9 21.4 32.0

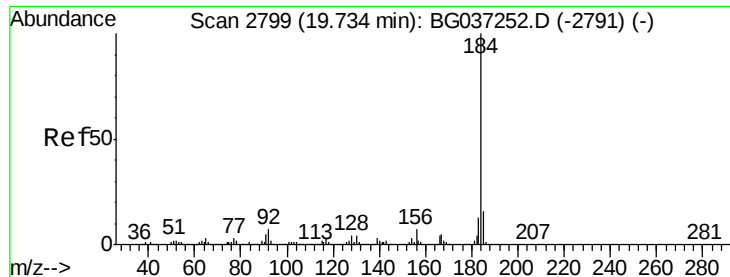


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.332 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

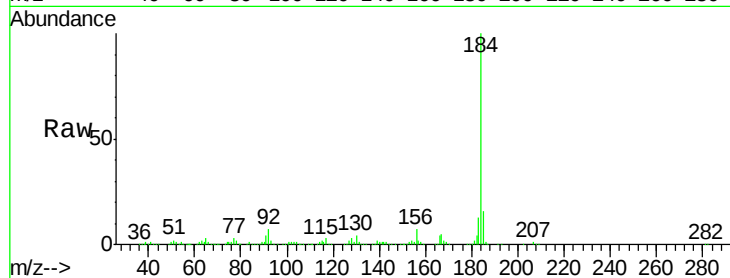
Tgt Ion:184 Resp: 537985

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

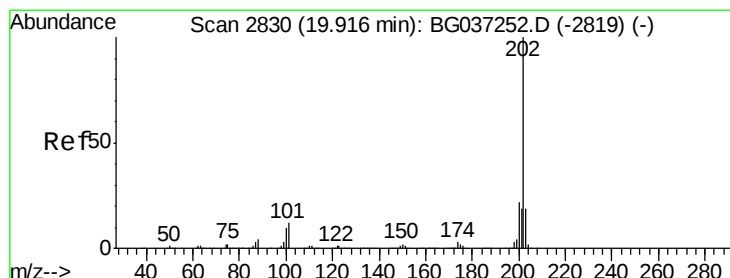
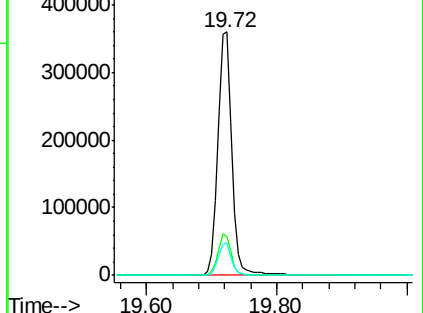
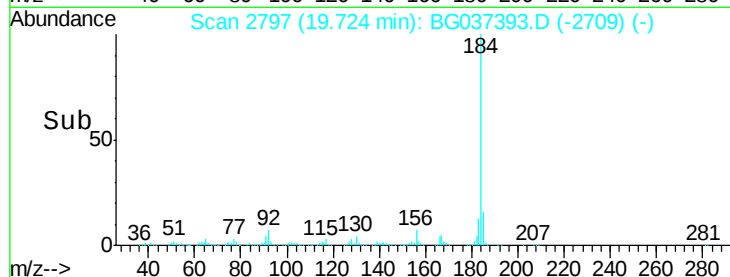
183 13.2 10.2 15.2



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: 42.658 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

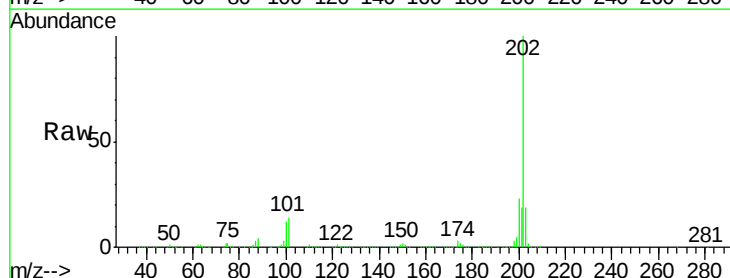
Tgt Ion:202 Resp: 1106557

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

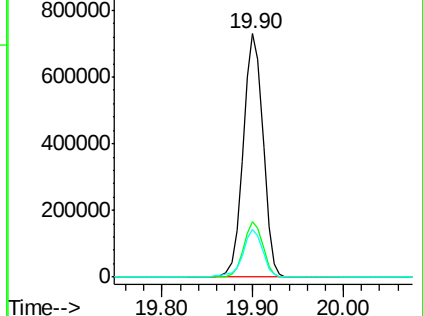
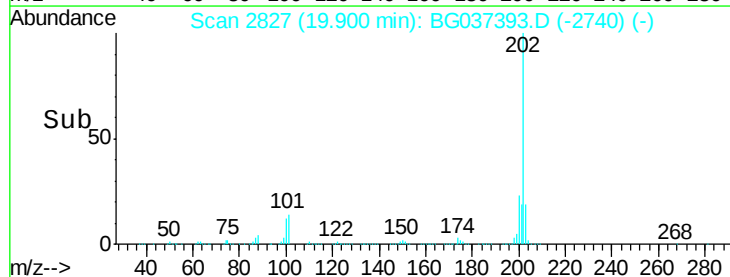
203 19.4 15.2 22.8

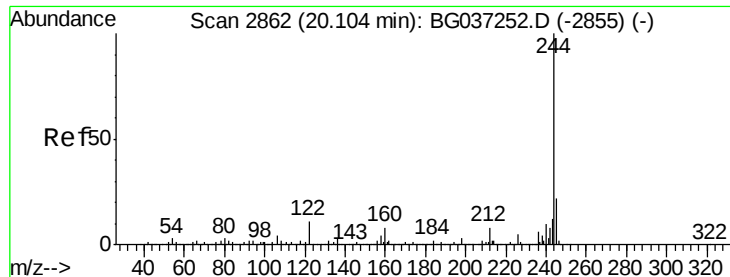


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.577 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

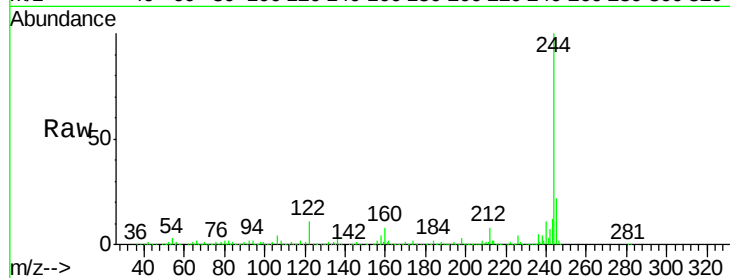
Tgt Ion:244 Resp: 1167227

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

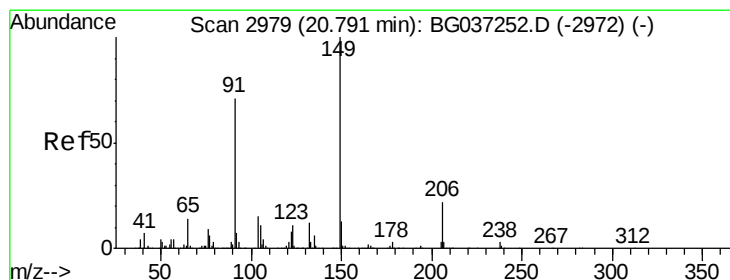
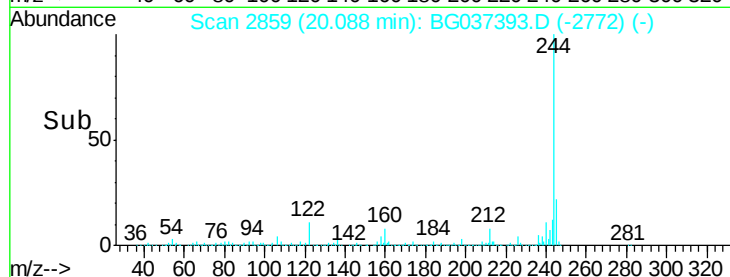
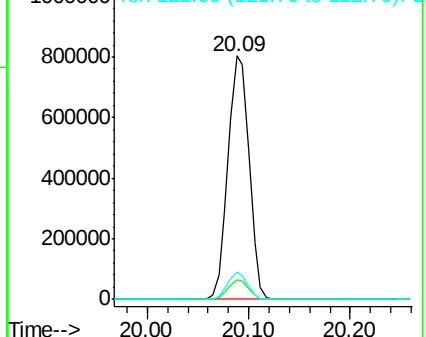
122 11.3 9.0 13.4



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: 46.726 ng

RT: 20.78 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

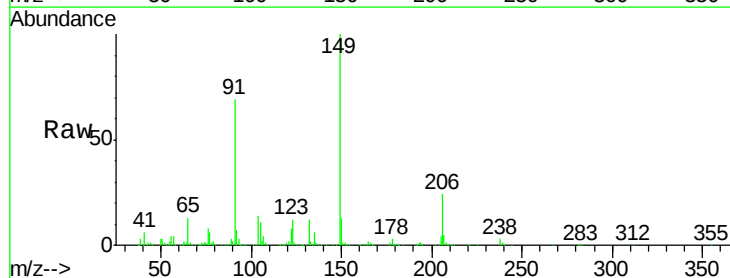
Tgt Ion:149 Resp: 471588

Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

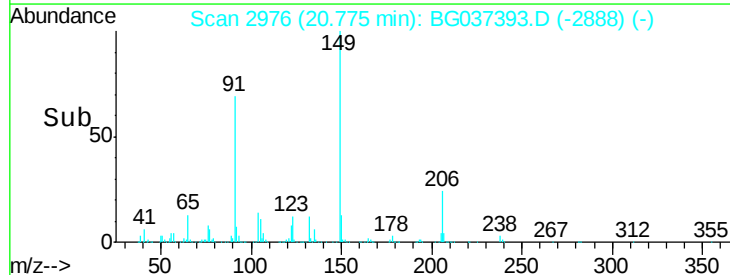
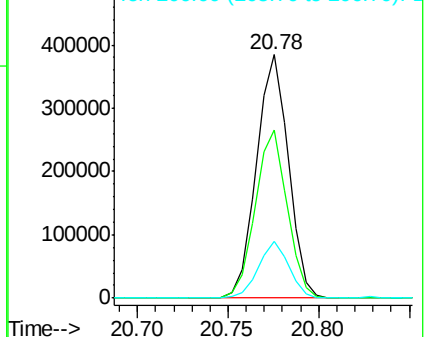
206 23.6 17.8 26.6

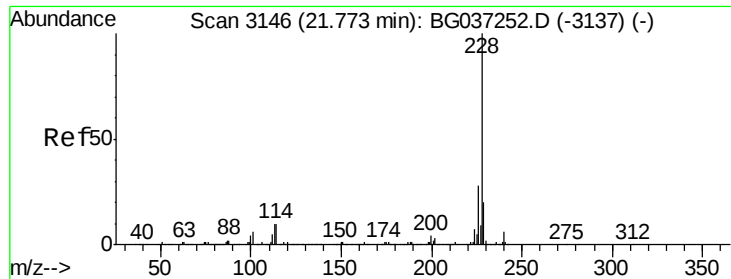


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

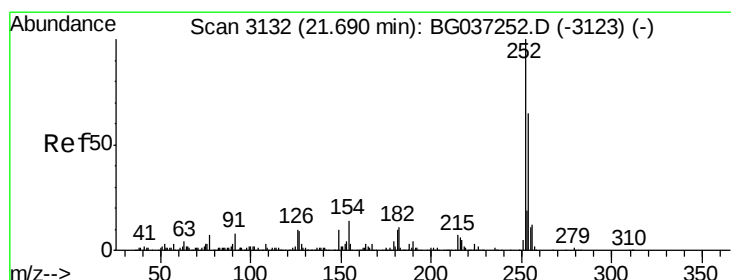
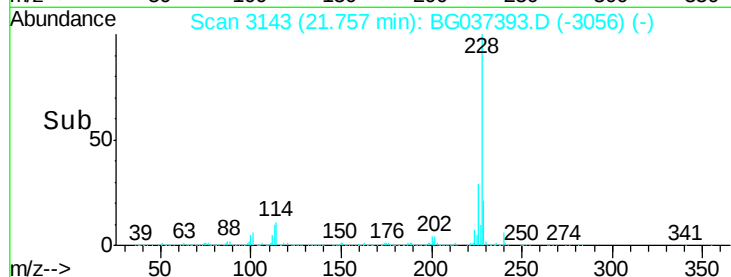
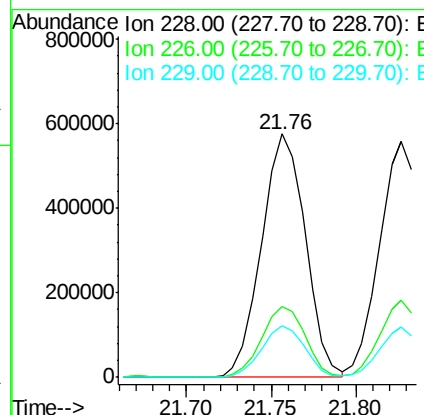
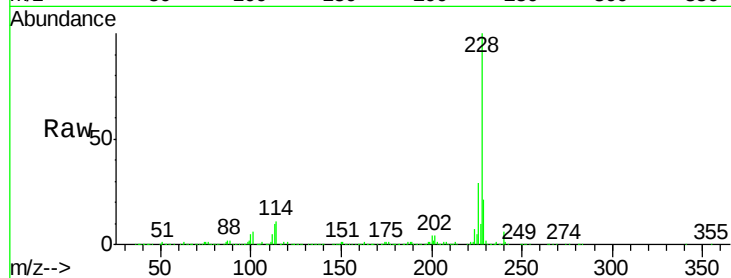




#81
Benzo(a)anthracene
Concen: 43.309 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

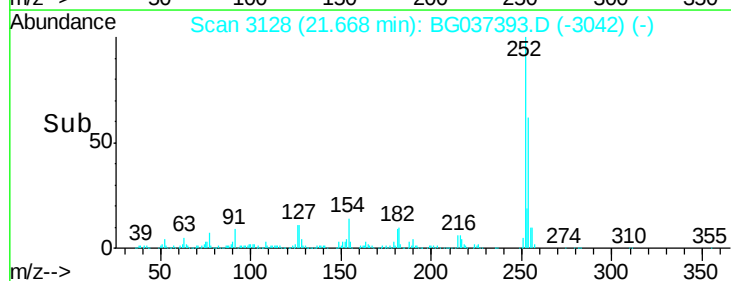
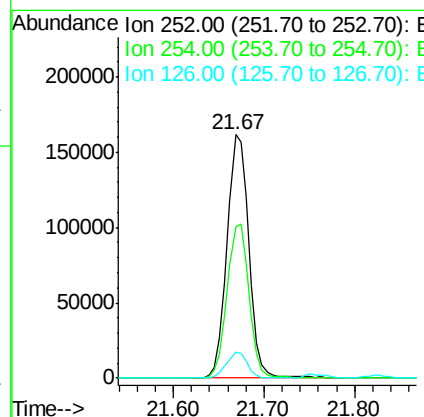
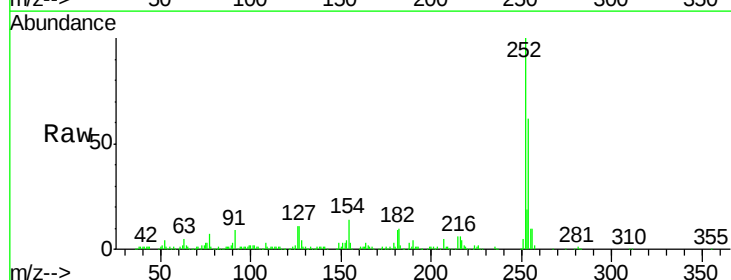
Instrument :
BNA_G
ClientSampleId :
PB113913BS

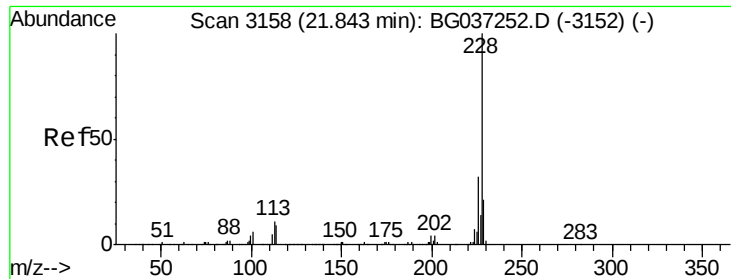
Tgt Ion:228 Resp: 1032389
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 21.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 29.380 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:252 Resp: 270156
Ion Ratio Lower Upper
252 100
254 62.5 52.0 78.0
126 10.5 8.2 12.4





#83

Chrysene

Concen: 42.077 ng

RT: 21.83 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

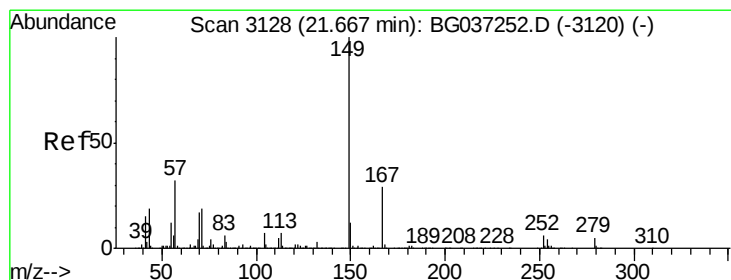
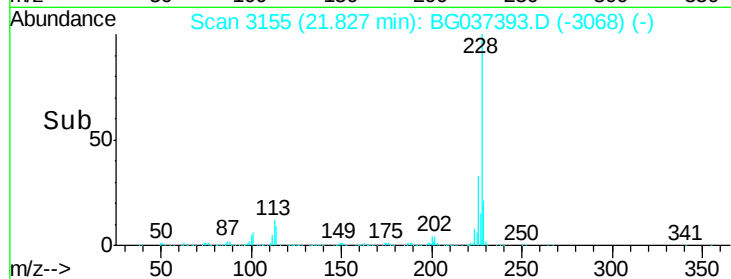
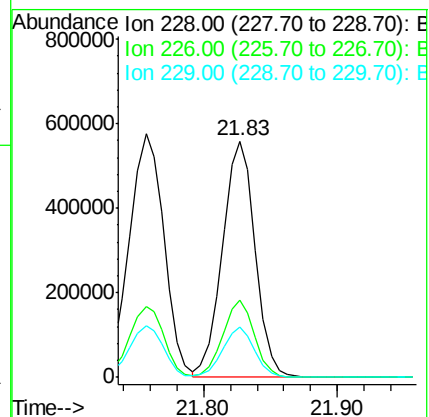
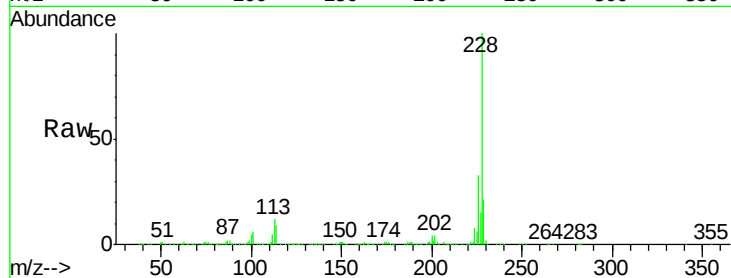
Tgt Ion:228 Resp: 956786

Ion Ratio Lower Upper

228 100

226 32.7 25.7 38.5

229 21.3 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.251 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.03 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

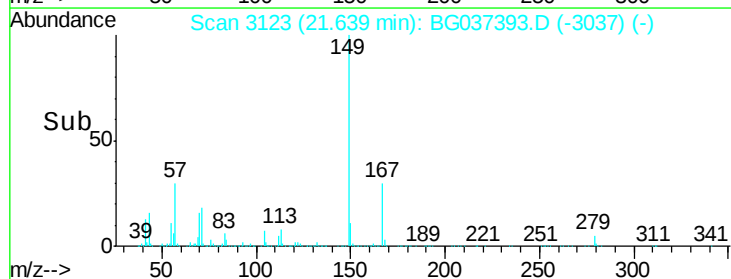
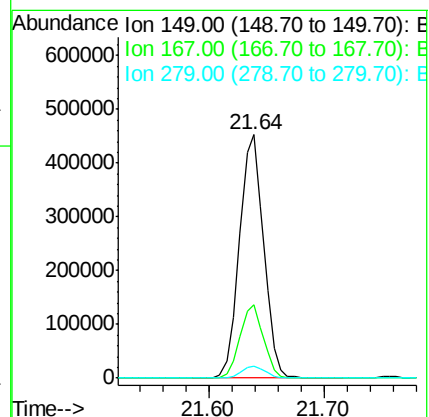
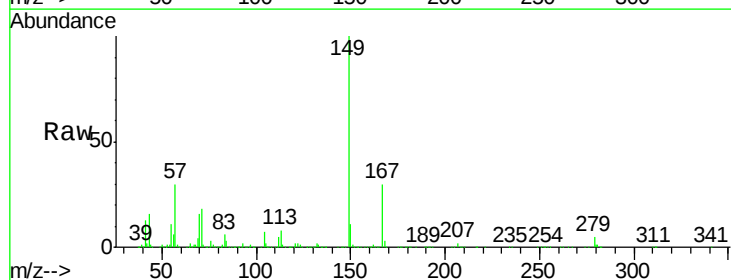
Tgt Ion:149 Resp: 655806

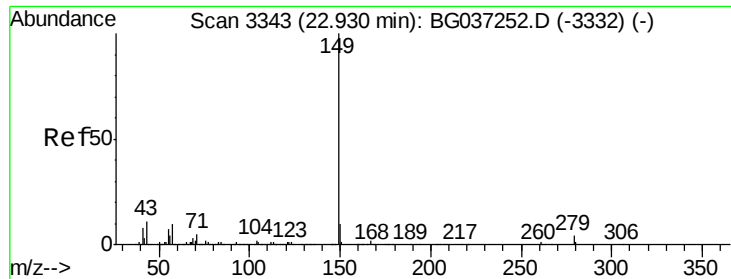
Ion Ratio Lower Upper

149 100

167 30.0 23.0 34.4

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.197 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

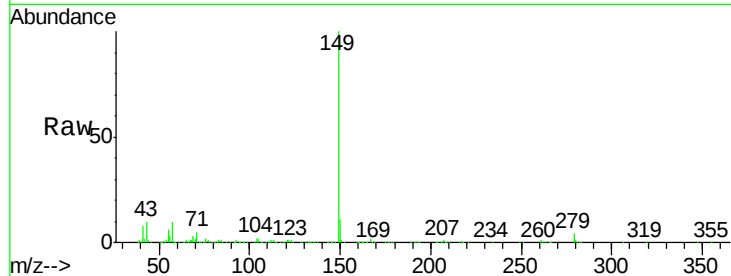
Tgt Ion:149 Resp: 1110208

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

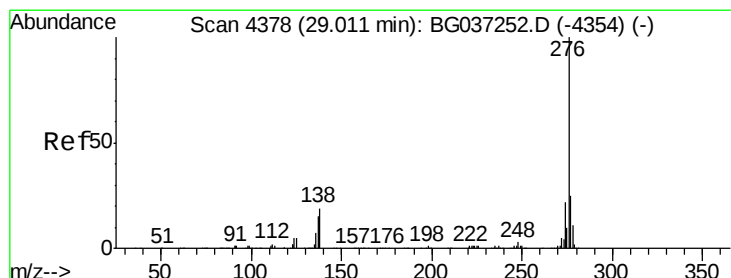
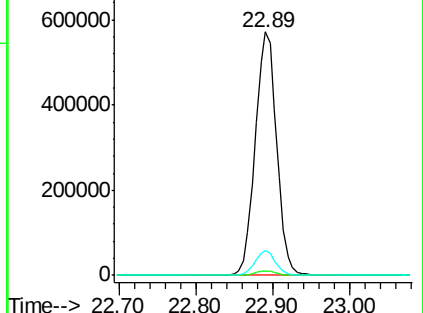
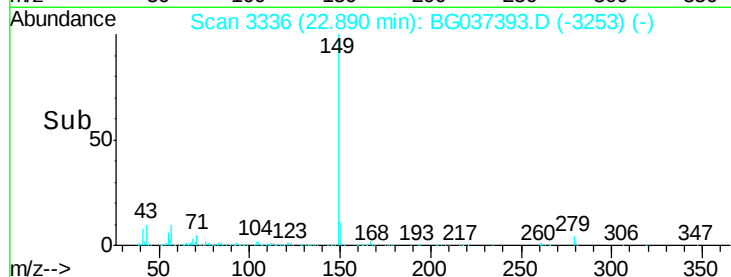
43 9.7 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.798 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.05 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

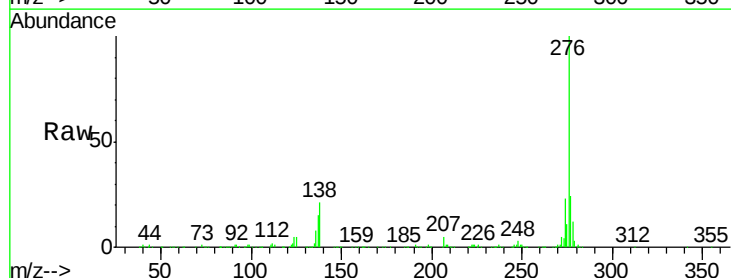
Tgt Ion:276 Resp: 1103889

Ion Ratio Lower Upper

276 100

138 17.0 12.0 18.0

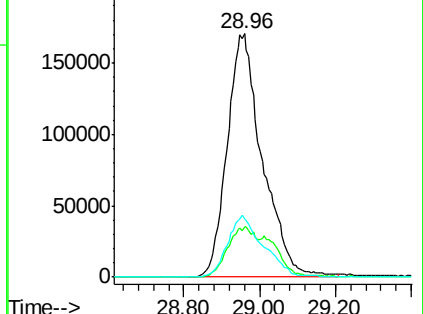
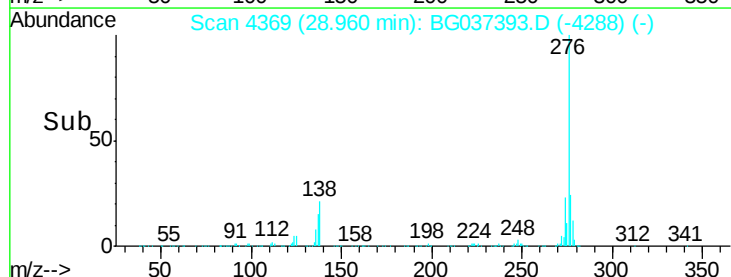
277 25.8 20.6 30.8

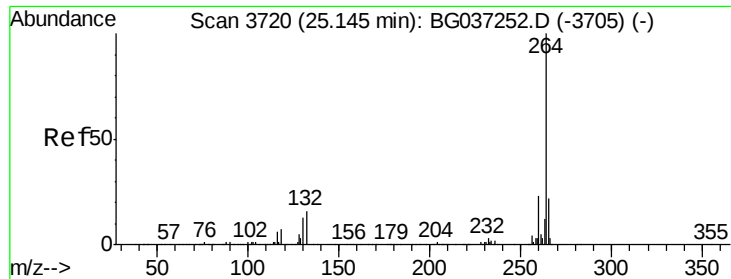


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

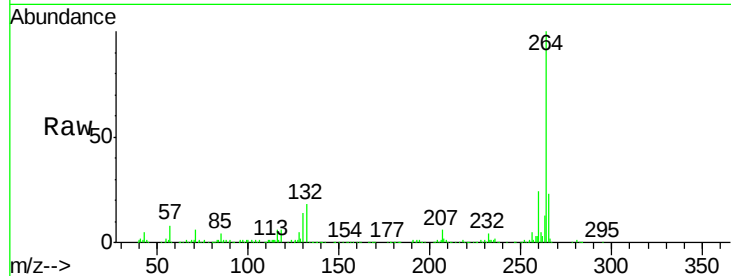
Tgt Ion:264 Resp: 411790

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

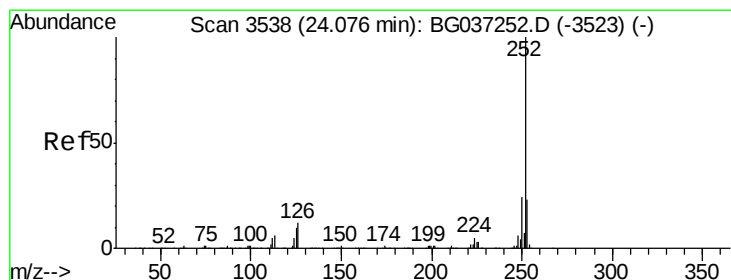
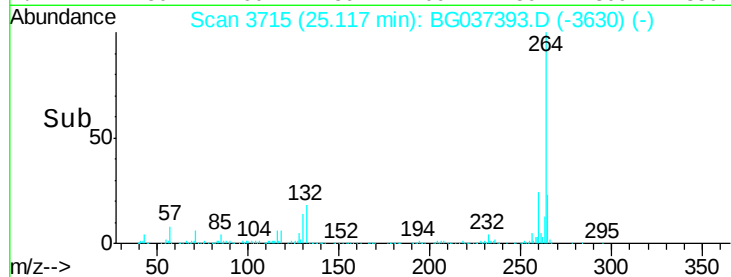
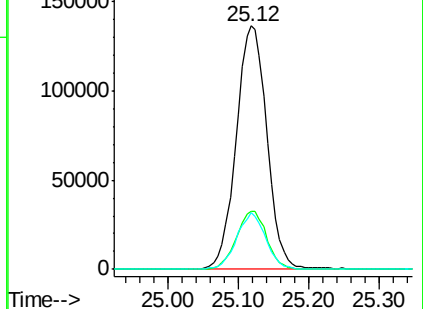
265 23.3 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.240 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.03 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

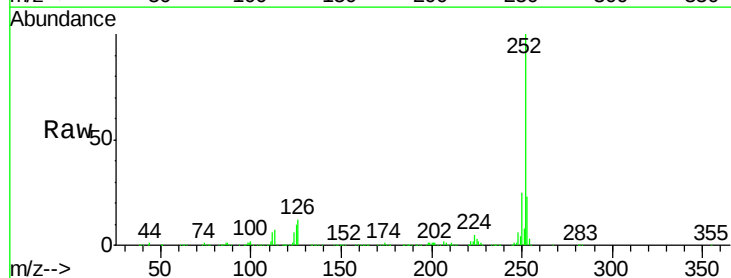
Tgt Ion:252 Resp: 1012843

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

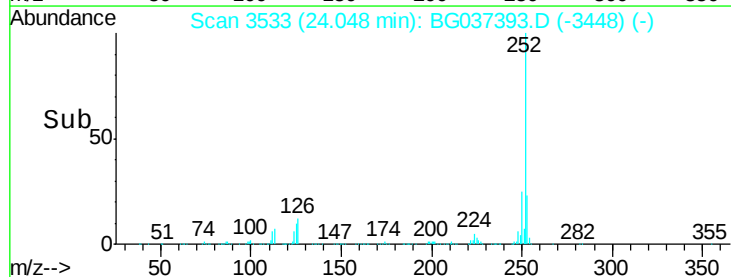
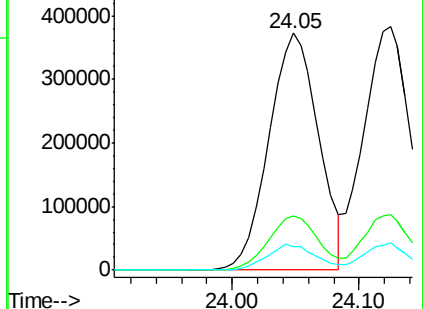
125 10.1 7.8 11.6

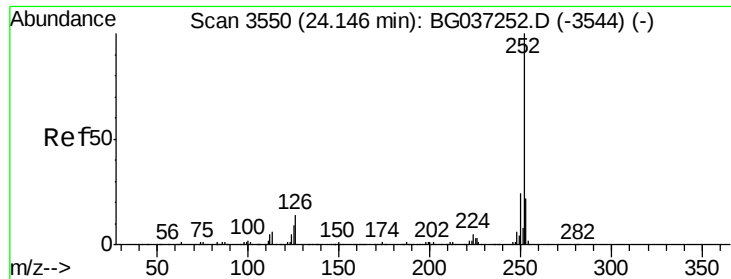


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

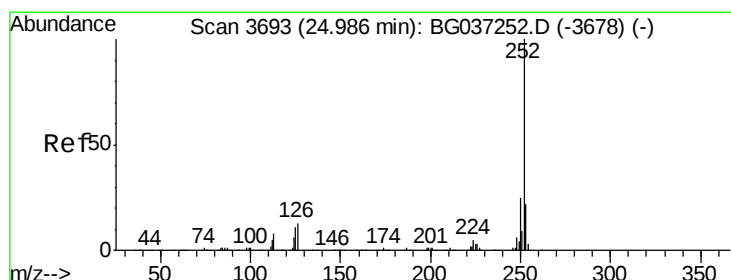
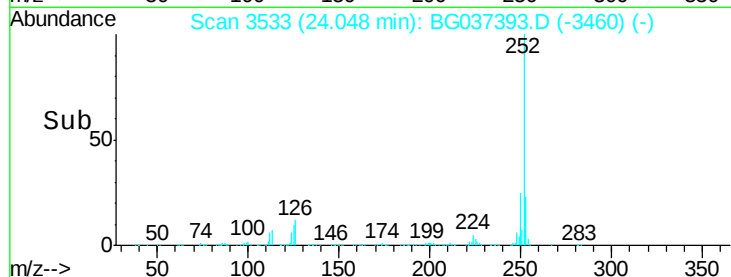
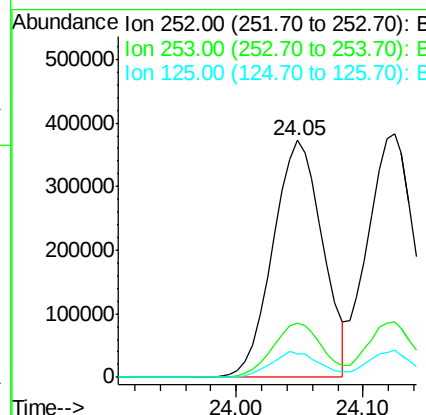
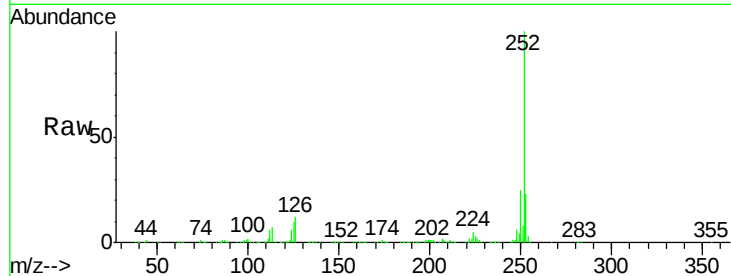




#89
Benzo(k)fluoranthene
Concen: 45.847 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.10 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

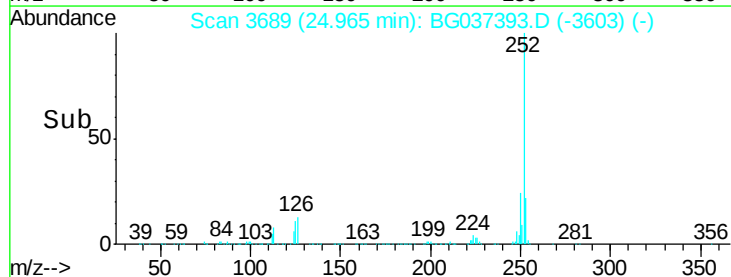
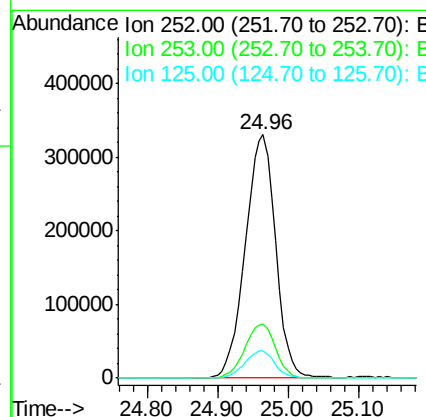
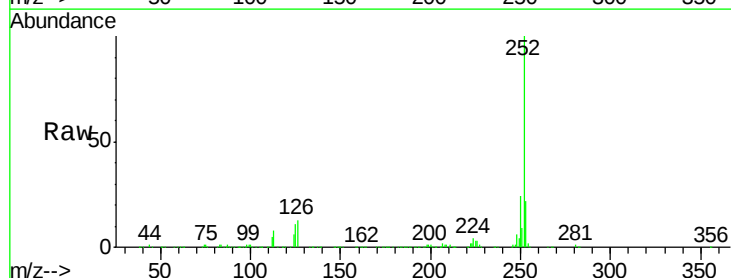
Instrument :
BNA_G
ClientSampleId :
PB113913BS

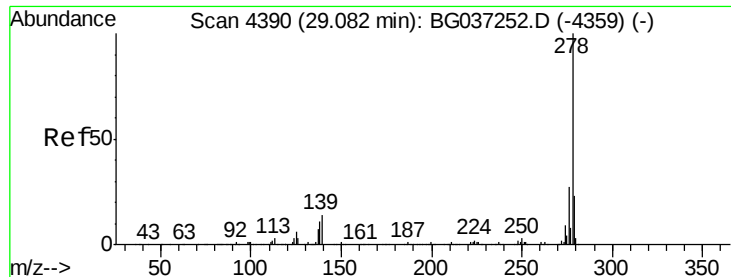
Tgt Ion:252 Resp: 1012843
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.086 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:252 Resp: 989381
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.075 ng

RT: 29.02 min Scan# 4380

Delta R.T. -0.06 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

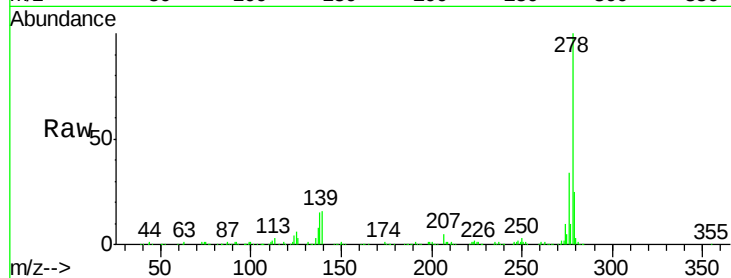
Tgt Ion:278 Resp: 905349

Ion Ratio Lower Upper

278 100

139 15.9 11.5 17.3

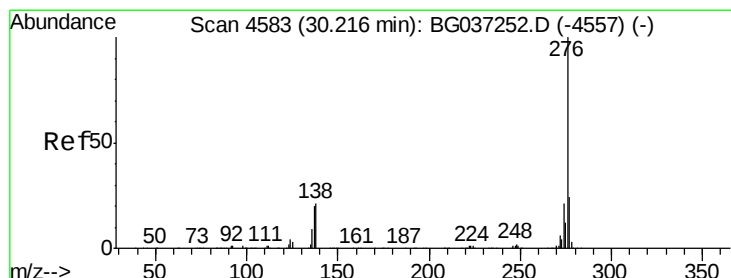
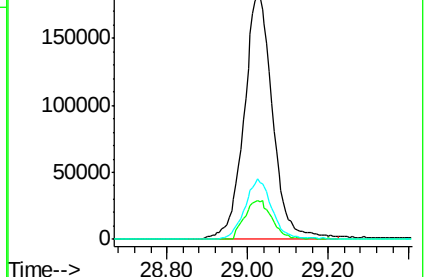
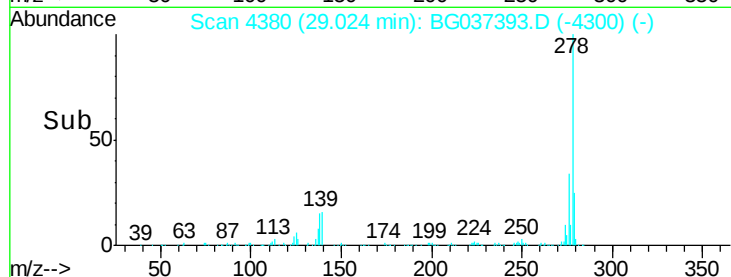
279 24.8 18.6 27.8



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: 44.952 ng

RT: 30.17 min Scan# 4575

Delta R.T. -0.05 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

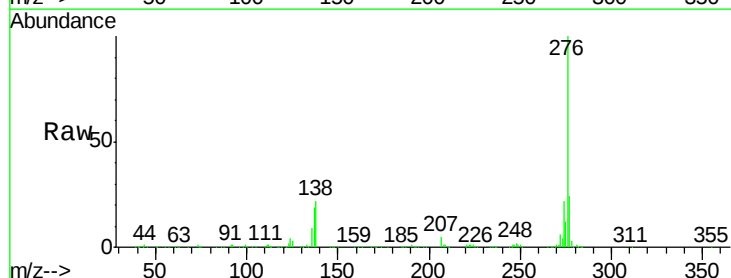
Tgt Ion:276 Resp: 922206

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 22.2 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

