

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

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Quant Time: Oct 27 03:41:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50217	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	235768	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	159453	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	386566	20.00	ng	0.00
76) Chrysene-d12	21.77	240	342585	20.00	ng	0.00
87) Perylene-d12	25.10	264	358562	20.00	ng	0.00

System Monitoring Compounds

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

Target Compounds

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

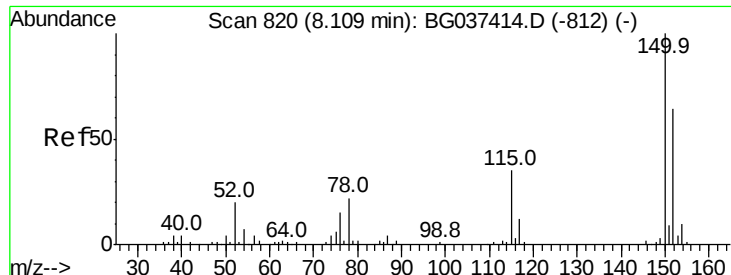
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	216380	88.074	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	141431	41.160	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	154605	41.326	nq	96
46) 1,1'-Biphenyl	13.57	154	478507	36.236	nq	100
47) 2-Chloronaphthalene	13.62	162	375312	37.567	nq	98
48) 2-Nitroaniline	13.83	65	125548	41.440	nq	96
49) Acenaphthylene	14.46	152	632439	42.083	nq	100
50) Dimethylphthalate	14.19	163	493639	40.018	nq	100
51) 2,6-Dinitrotoluene	14.32	165	112257	41.137	nq	96
52) Acenaphthene	14.80	154	363495	39.273	nq	99
53) 3-Nitroaniline	14.65	138	96546	31.869	nq	# 91
54) 2,4-Dinitrophenol	14.85	184	82743	72.711	nq	96
55) Dibenzofuran	15.13	168	593421	38.698	nq	99
56) 4-Nitrophenol	14.94	139	189985	84.725	nq	98
57) 2,4-Dinitrotoluene	15.10	165	157555	43.984	nq	97
58) Fluorene	15.78	166	484261	42.170	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135860	42.414	nq	99
60) Diethylphthalate	15.54	149	508920	40.185	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	248408	37.113	nq	99
62) 4-Nitroaniline	15.81	138	124876	41.484	nq	91
63) Azobenzene	16.06	77	484939	40.133	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	76666	39.603	nq	99
66) n-Nitrosodiphenylamine	15.99	169	440759	37.905	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	155841	36.711	nq	95
68) Hexachlorobenzene	16.78	284	160057	36.379	nq	98
69) Atrazine	16.93	200	166639	39.637	nq	100
70) Pentachlorophenol	17.12	266	191861	65.103	nq	95
71) Phenanthrene	17.52	178	796650	40.549	nq	100
72) Anthracene	17.62	178	810951	42.061	nq	98
73) Carbazole	17.89	167	738896	38.313	nq	100
74) Di-n-butylphthalate	18.42	149	883219	41.168	nq	100
75) Fluoranthene	19.53	202	927021	41.602	nq	100
77) Benzidine	19.71	184	356605	30.613	nq	99
78) Pyrene	19.89	202	912192	40.731	nq	100
80) Butylbenzylphthalate	20.77	149	396304	43.239	nq	94
81) Benzo(a)anthracene	21.75	228	853790	42.134	nq	100
82) 3,3'-Dichlorobenzidine	21.66	252	228542	29.098	nq	98
83) Chrysene	21.82	228	799239	41.018	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	549587	42.778	nq	98
85) Di-n-octyl phthalate	22.87	149	929599	44.373	nq	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	863865	41.336	nq	99
88) Benzo(b)fluoranthene	24.03	252	838471	42.654	nq	99
89) Benzo(k)fluoranthene	24.10	252	808009	41.954	nq	98
90) Benzo(a)pyrene	24.94	252	804721	43.081	nq	99
91) Dibenzo(a,h)anthracene	28.99	278	709414	41.172	nq	96
92) Benzo(g,h,i)perylene	30.13	276	723998	41.533	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

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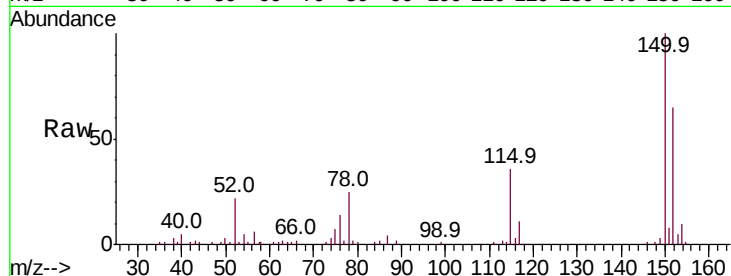
Tot Ion:152 Resp: 50217

Ion Ratio Lower Upper

152 100

150 154.9 126.0 189.0

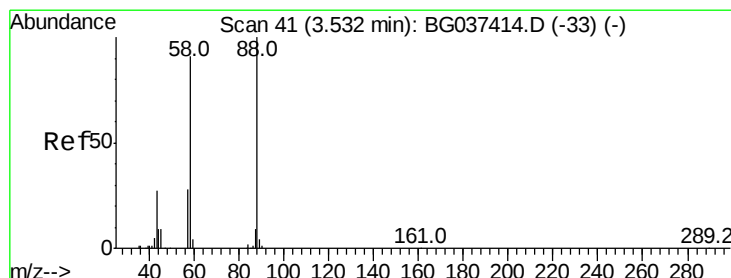
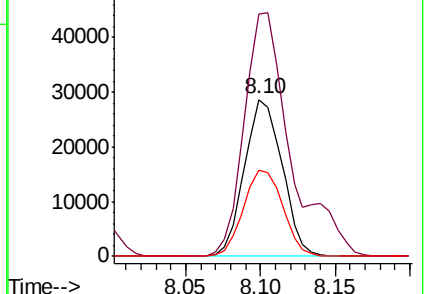
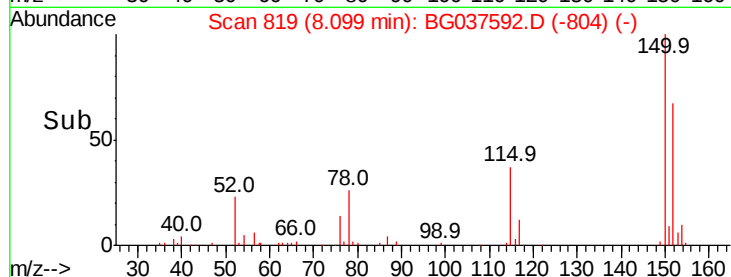
115 55.2 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.578 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

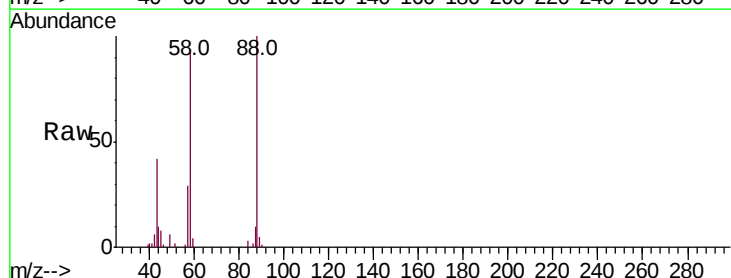
Tgt Ion: 88 Resp: 46578

Ion Ratio Lower Upper

88 100

58 90.8 74.4 111.6

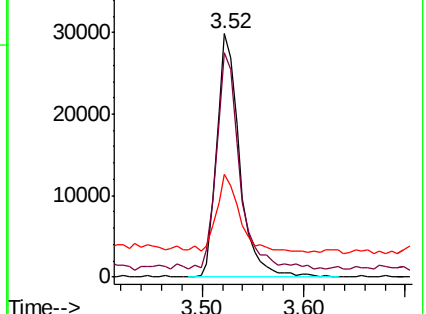
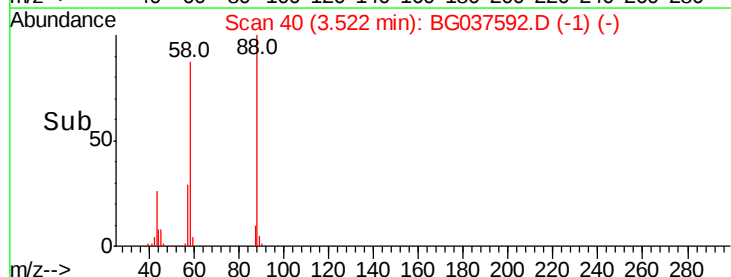
43 31.5 25.8 38.8

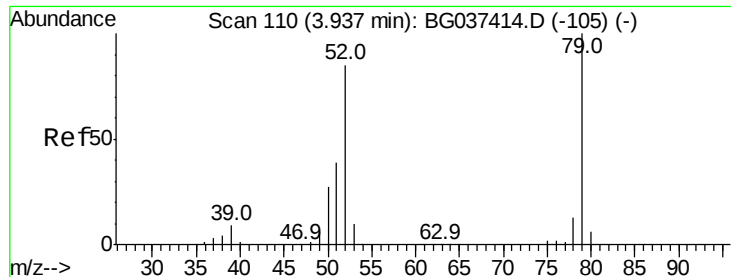


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.084 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

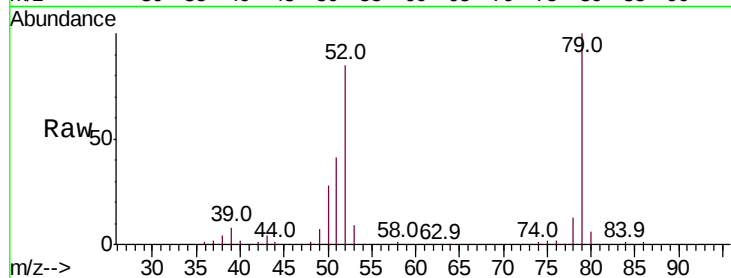
Tot Ion: 79 Resp: 134695

Ion Ratio Lower Upper

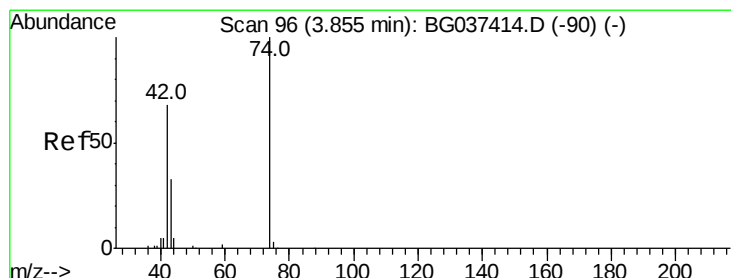
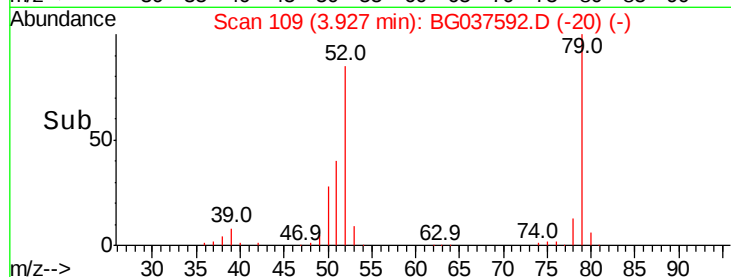
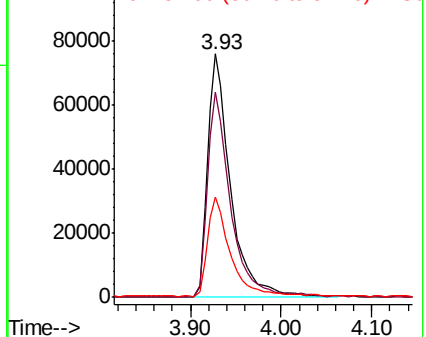
79 100

52 84.5 74.2 111.2

51 41.0 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 44.129 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

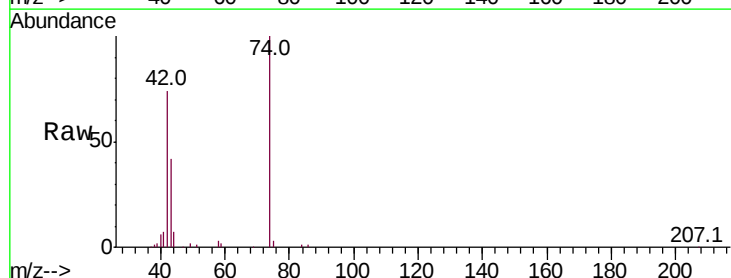
Tgt Ion: 42 Resp: 60346

Ion Ratio Lower Upper

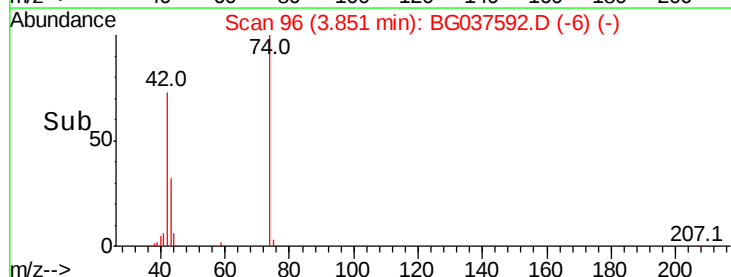
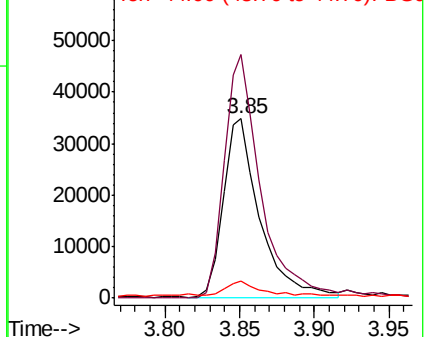
42 100

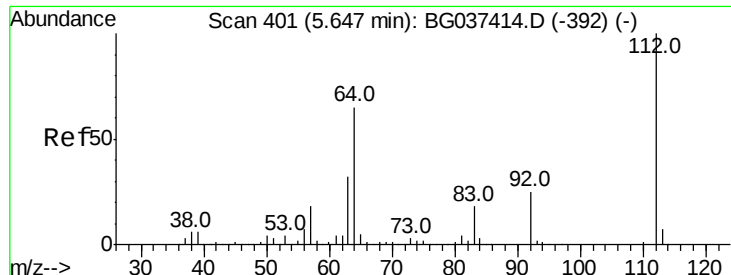
74 135.6 102.0 153.0

44 9.8 9.6 14.4



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

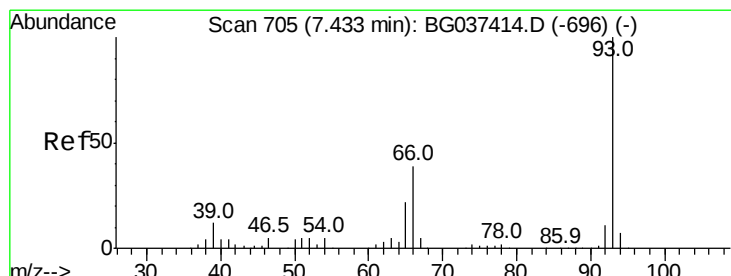
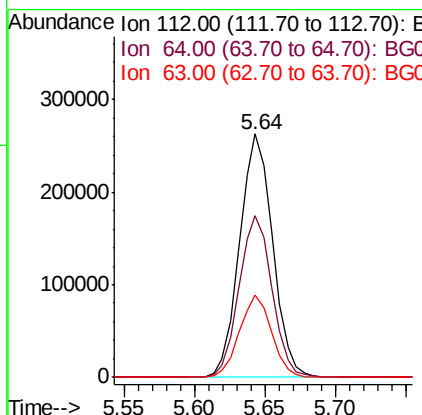
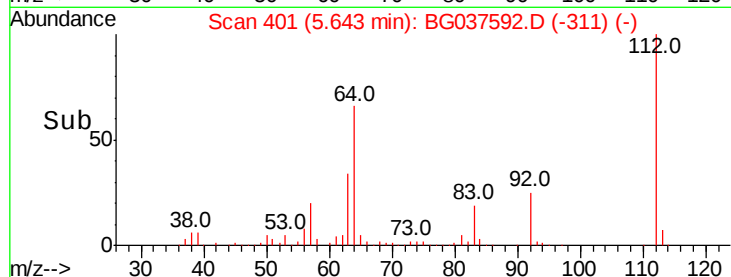
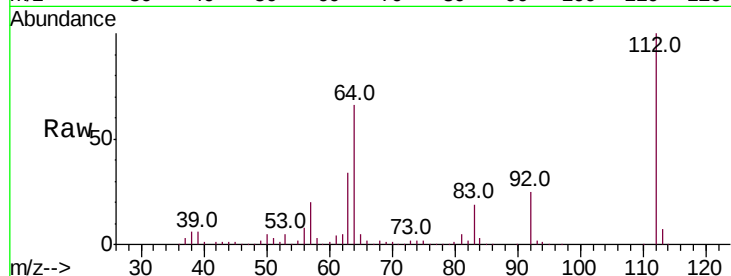




#5
 2-Fluorophenol
 Concen: 143.384 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

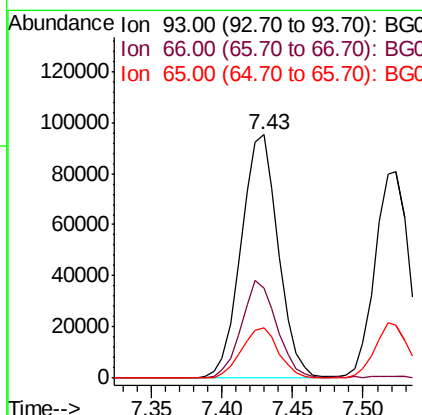
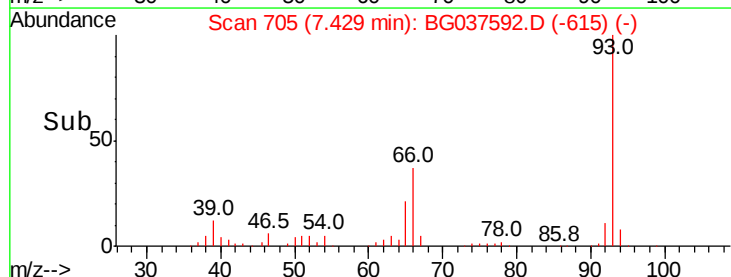
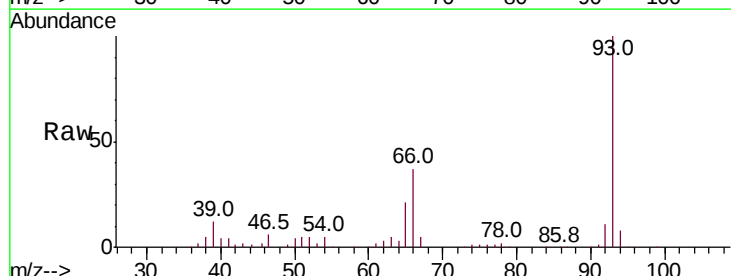
Instrument :
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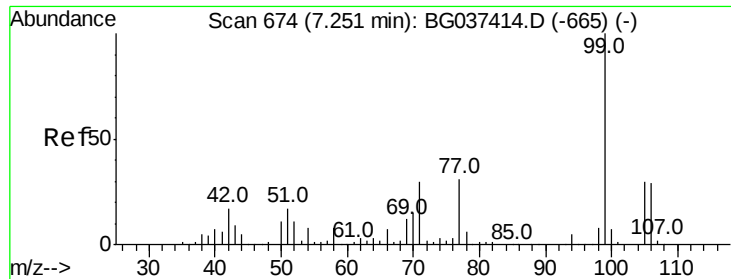
Tot Ion:112 Resp: 430680
 Ion Ratio Lower Upper
 112 100
 64 66.3 53.1 79.7
 63 33.6 27.3 40.9



#6
 Aniline
 Concen: 31.734 ng
 RT: 7.43 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion: 93 Resp: 175831
 Ion Ratio Lower Upper
 93 100
 66 37.0 32.8 49.2
 65 20.7 16.4 24.6





#7

Phenol-d6

Concen: 133.195 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

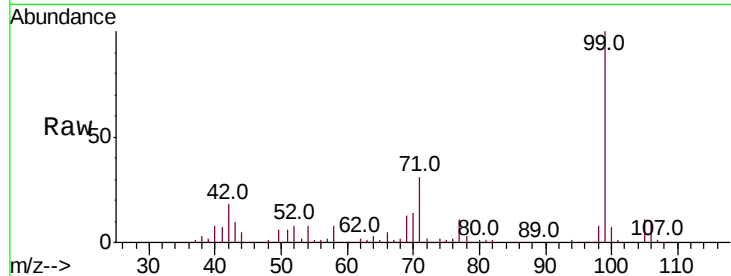
Tot Ion: 99 Resp: 604960

Ion Ratio Lower Upper

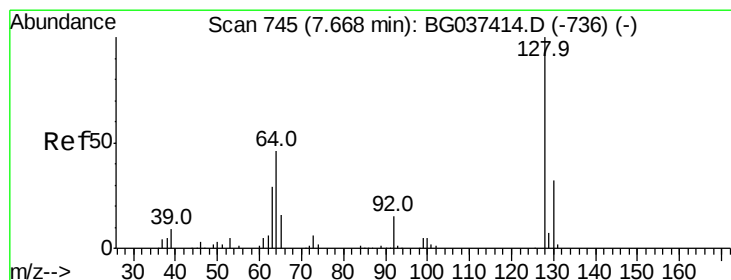
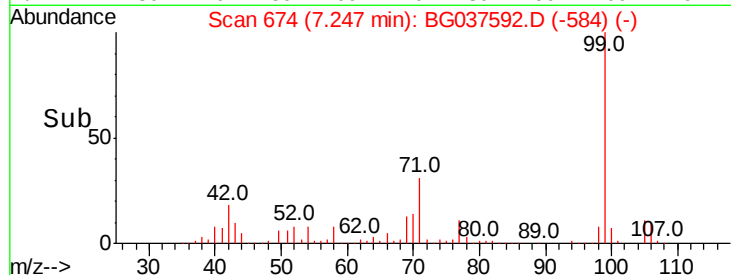
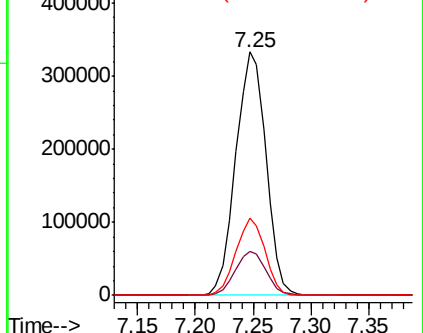
99 100

42 18.3 15.0 22.4

71 31.5 25.5 38.3



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



#8

2-Chlorophenol

Concen: 43.383 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

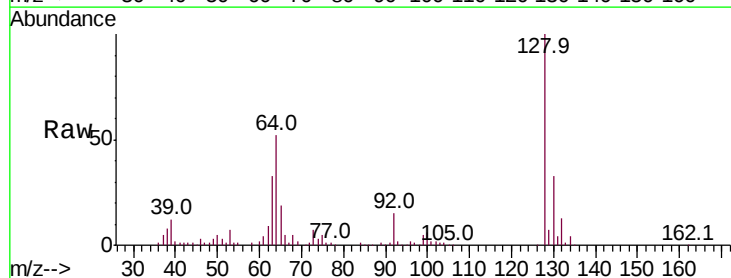
Tgt Ion:128 Resp: 152442

Ion Ratio Lower Upper

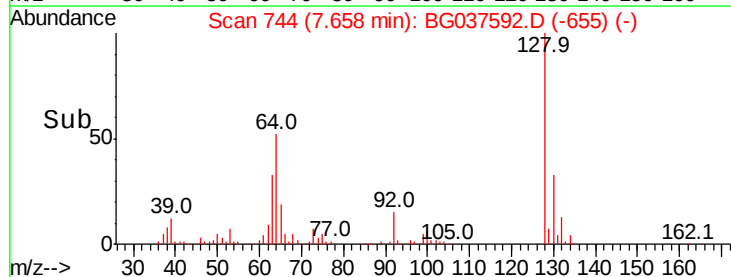
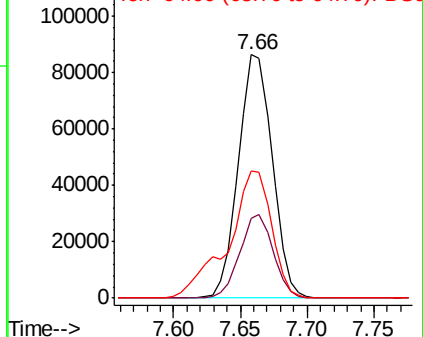
128 100

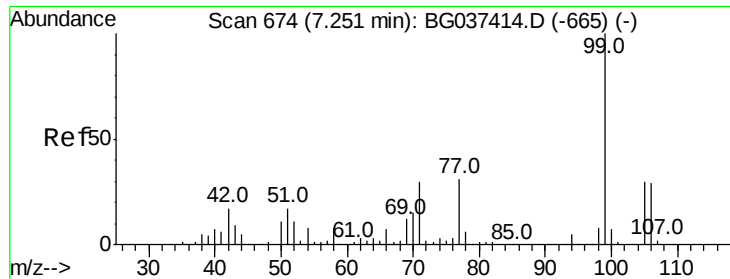
130 32.9 12.0 52.0

64 52.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 25.884 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

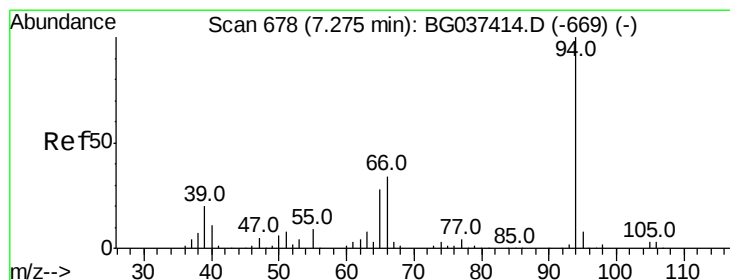
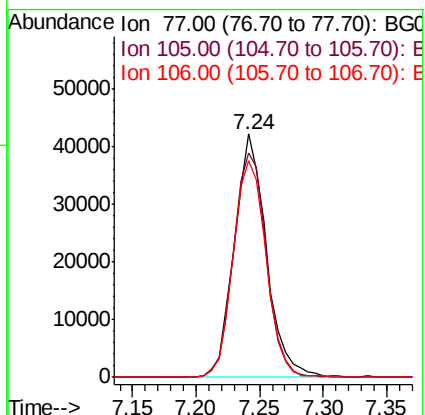
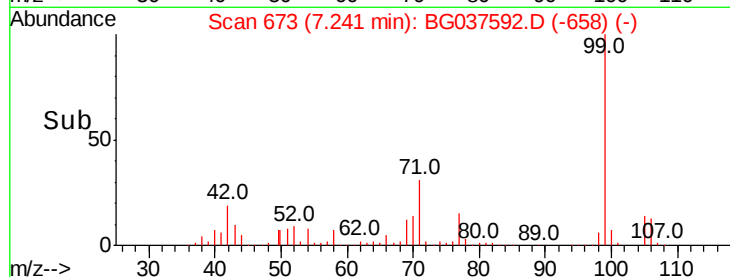
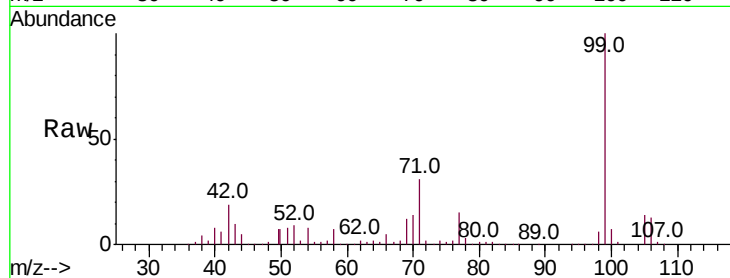
BNA_G

ClientSampleId :

PB114161BS

Tot Ion: 77 Resp: 73541

Ion	Ratio	Lower	Upper
77	100		
105	92.4	72.6	112.6
106	88.8	71.3	111.3



#10

Phenol

Concen: 43.109 ng

RT: 7.28 min Scan# 679

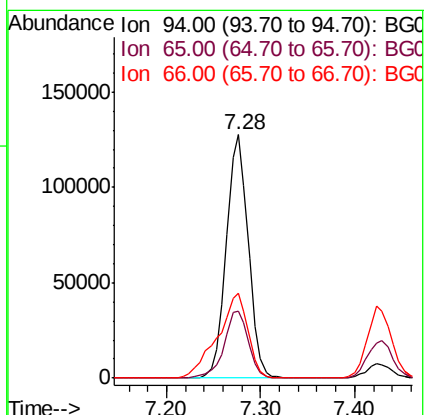
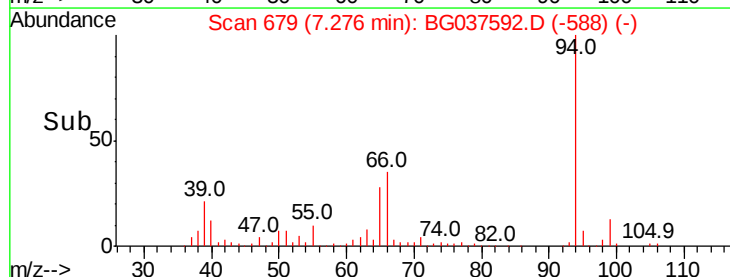
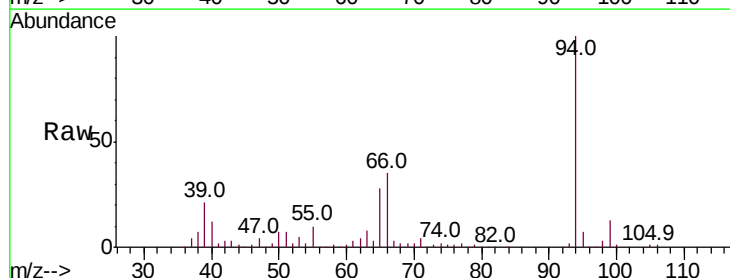
Delta R.T. 0.00 min

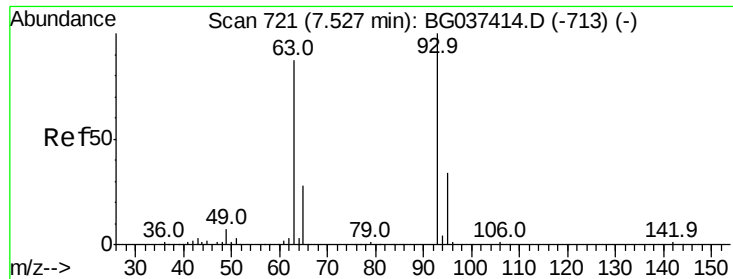
Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Tgt Ion: 94 Resp: 206586

Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.7	49.7
66	35.1	15.9	55.9



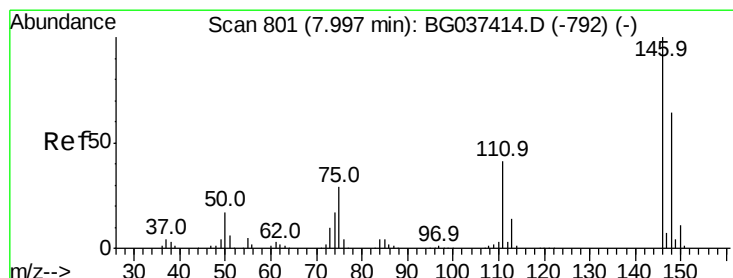
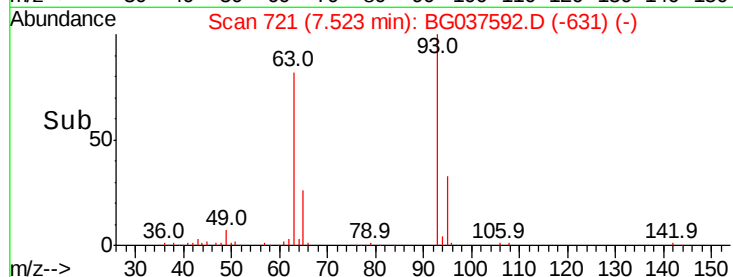
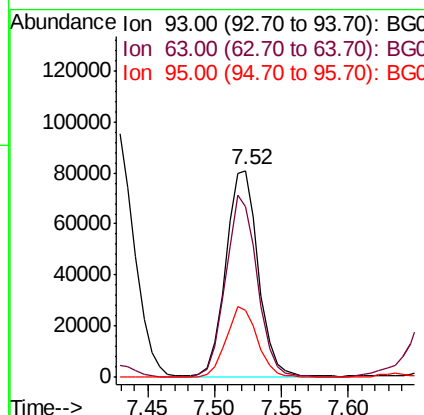
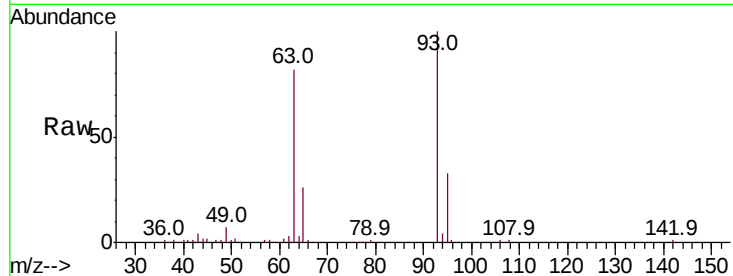


#11
 bis(2-Chloroethyl)ether
 Concen: 37.821 ng
 RT: 7.52 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion: 93 Resp: 137655

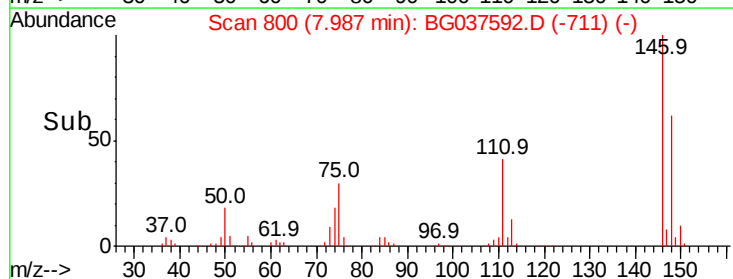
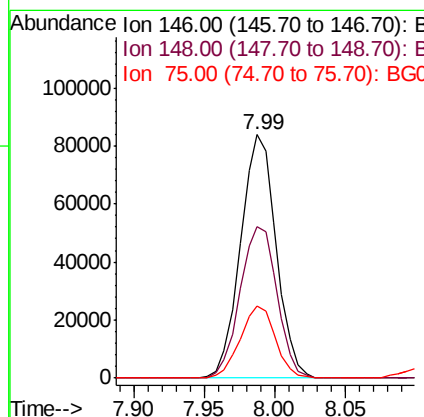
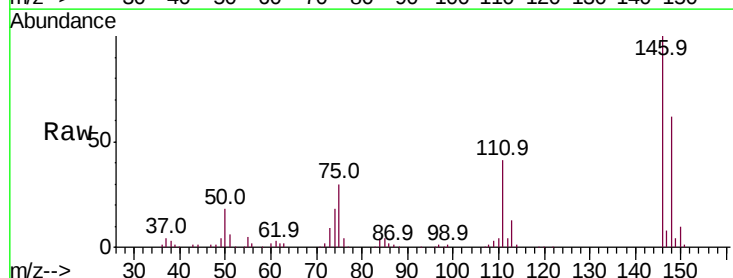
Ion	Ratio	Lower	Upper
93	100		
63	82.3	69.5	109.5
95	32.5	12.6	52.6

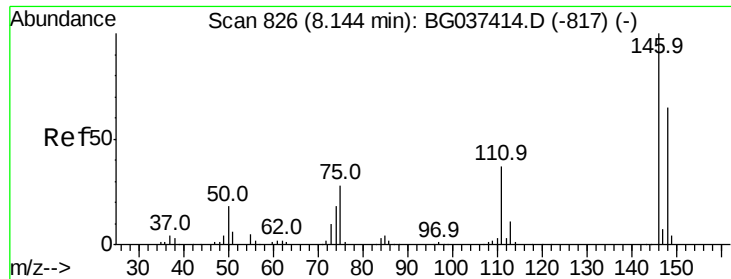


#12
 1,3-Dichlorobenzene
 Concen: 37.672 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion: 146 Resp: 147368

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

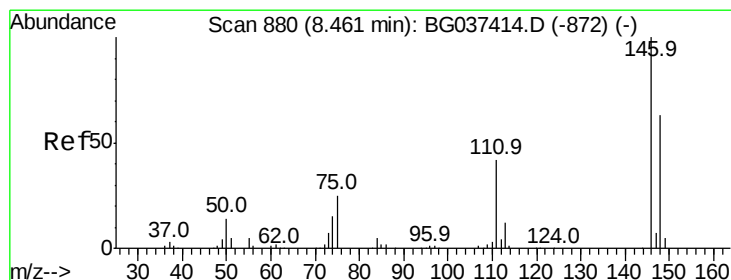
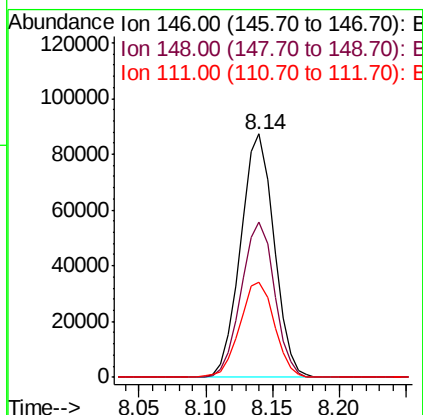
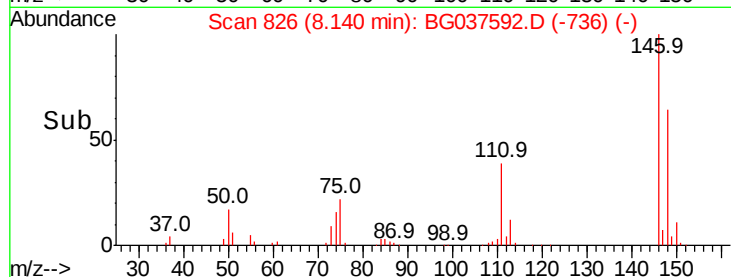
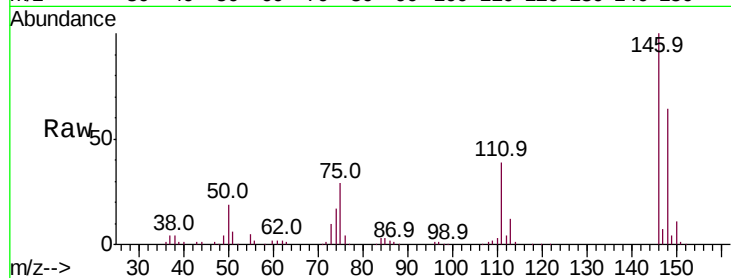




#13
 1,4-Dichlorobenzene
 Concen: 37.777 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

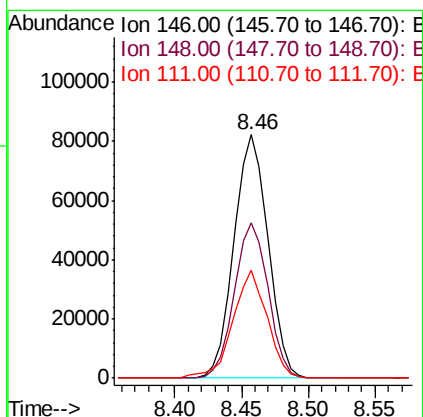
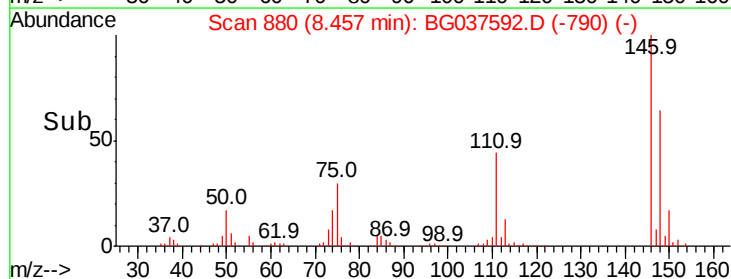
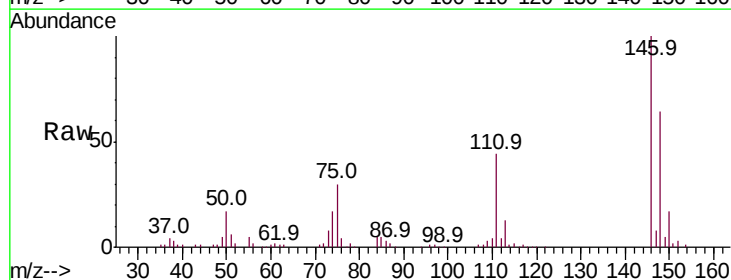
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

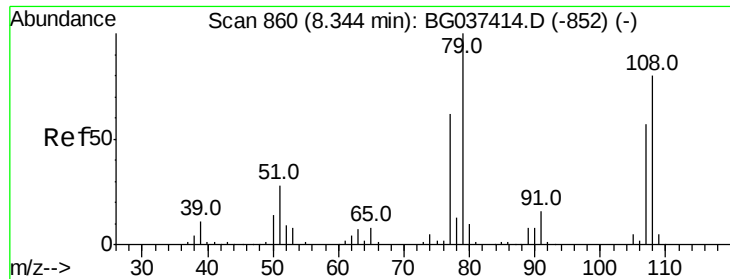
Tot Ion:146 Resp: 151165
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 39.3 32.4 48.6



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

Tgt Ion:146 Resp: 145602
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 44.1 34.6 51.8





#15

Benzyl Alcohol

Concen: 41.146 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

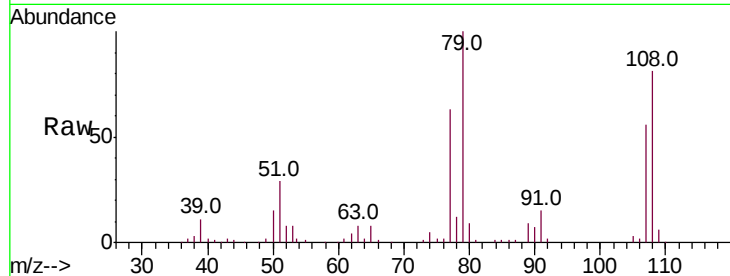
Tot Ion: 79 Resp: 138087

Ion Ratio Lower Upper

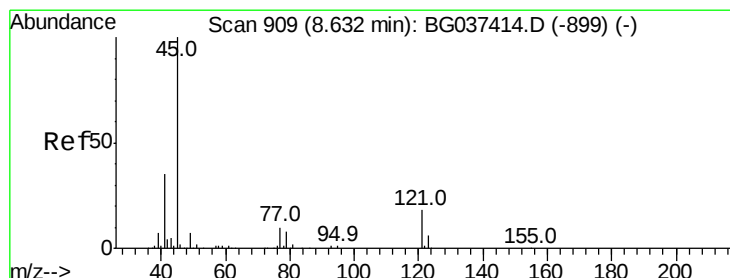
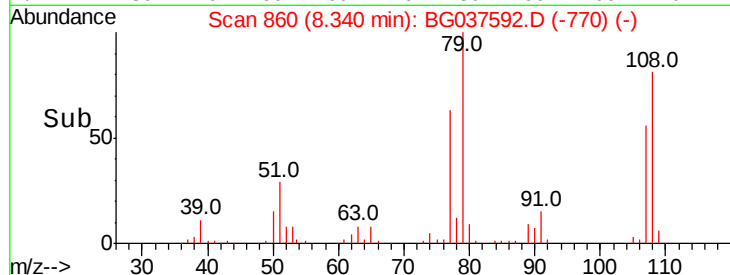
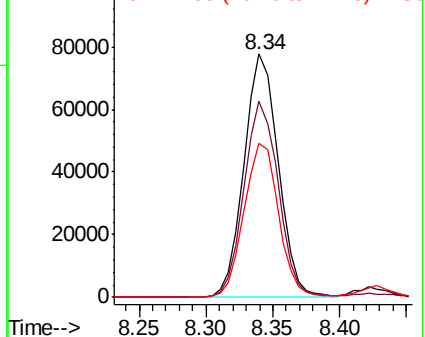
79 100

108 80.6 65.8 98.8

77 63.1 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.091 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

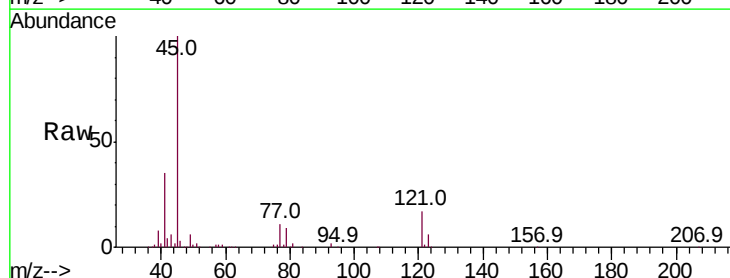
Tgt Ion: 45 Resp: 254582

Ion Ratio Lower Upper

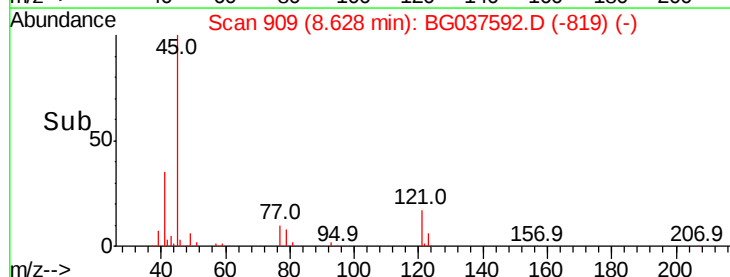
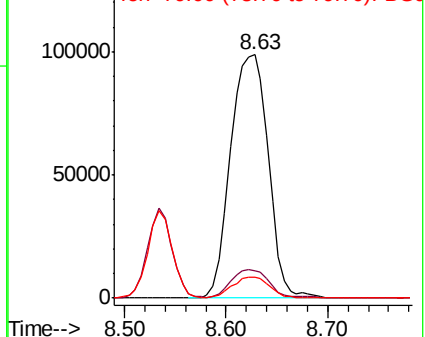
45 100

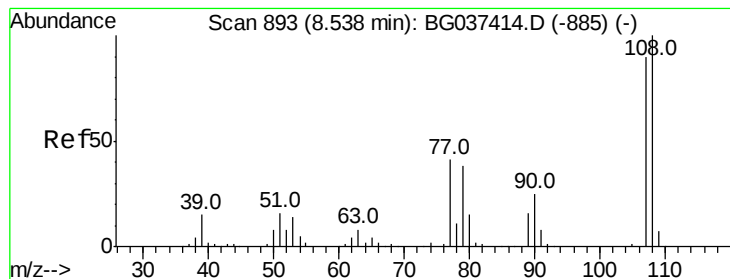
77 11.2 0.0 30.0

79 8.7 0.0 29.0



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

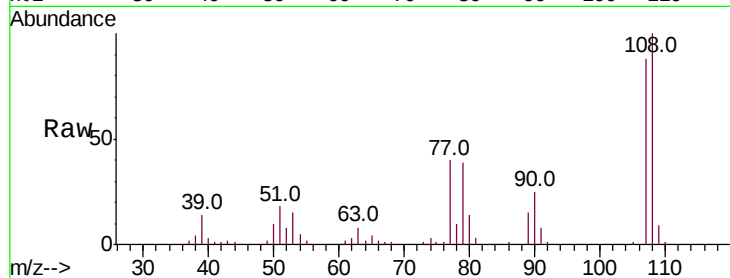




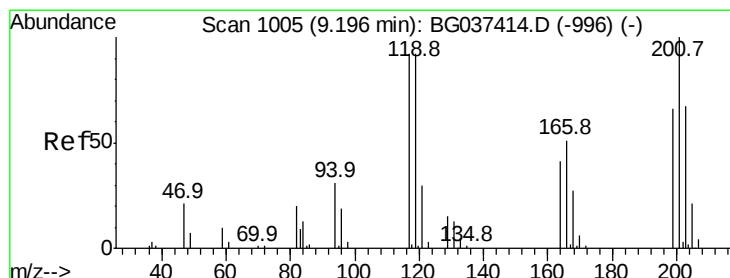
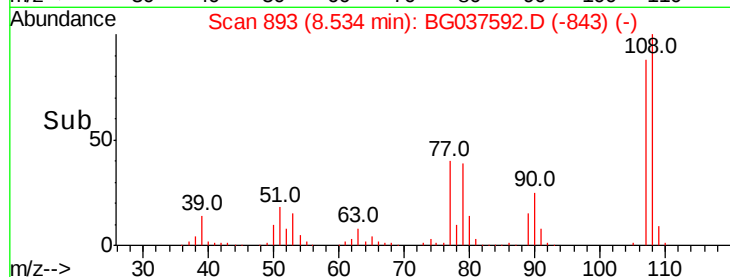
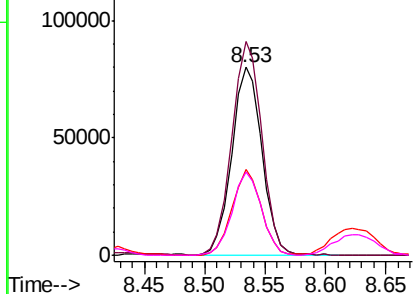
#17
2-Methylphenol
Concen: 44.235 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

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

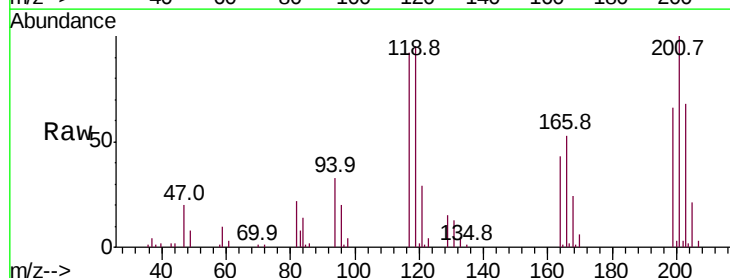


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

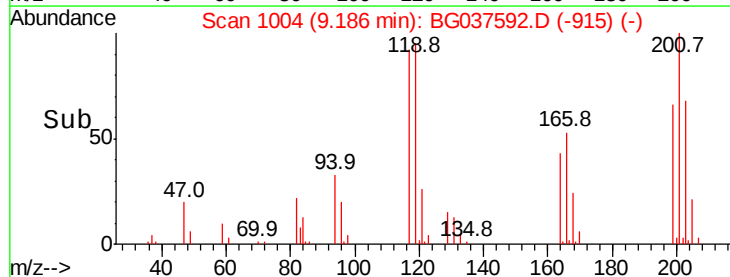
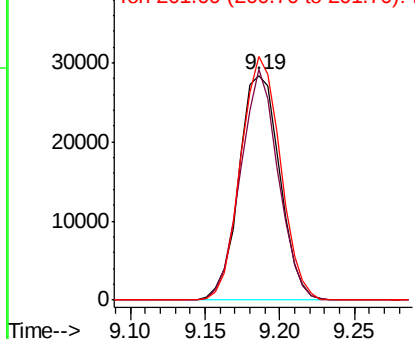


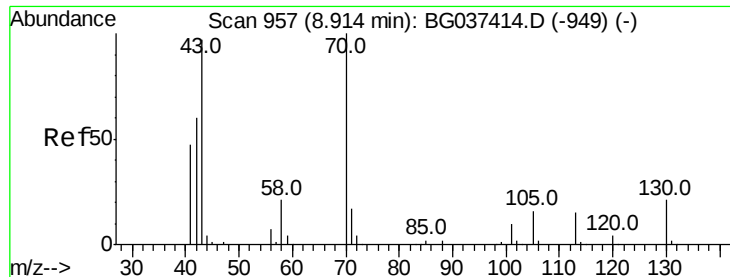
#18
Hexachloroethane
Concen: 39.443 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

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



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

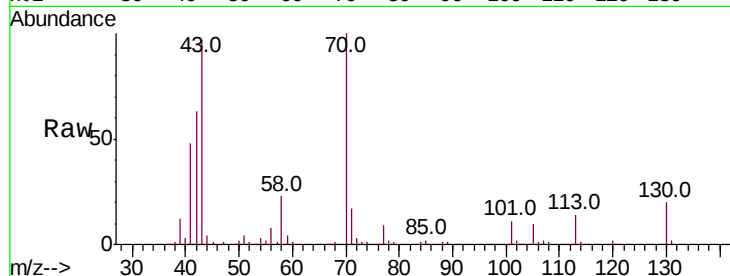




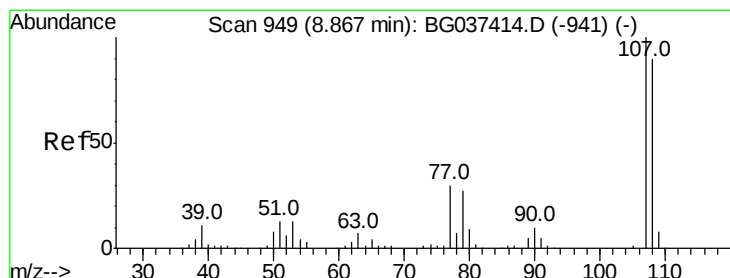
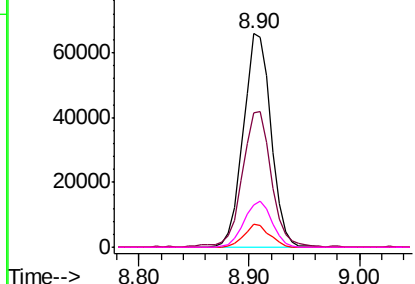
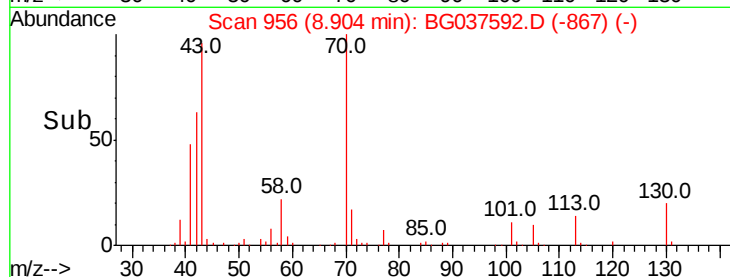
#19
n-Nitroso-di-n-propylamine
Concen: 37.174 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

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

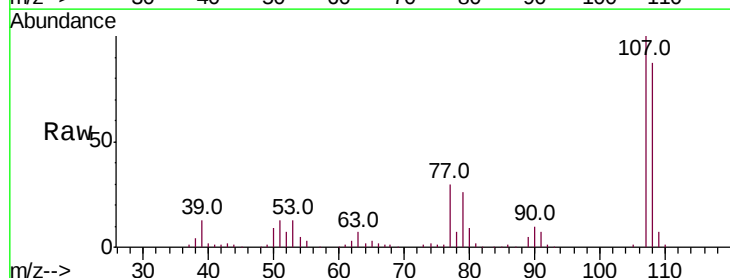


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

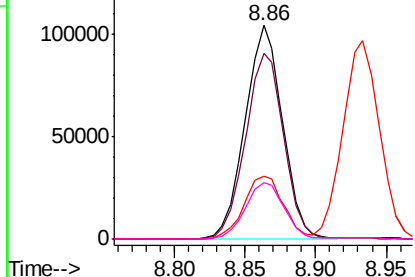
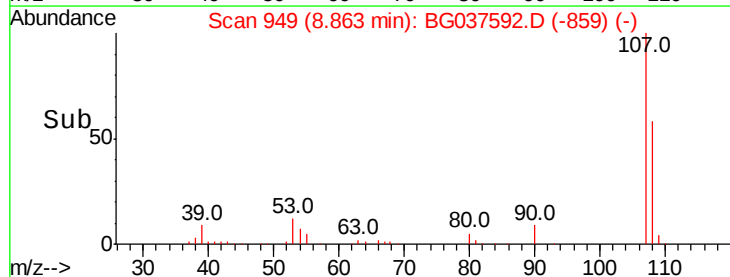


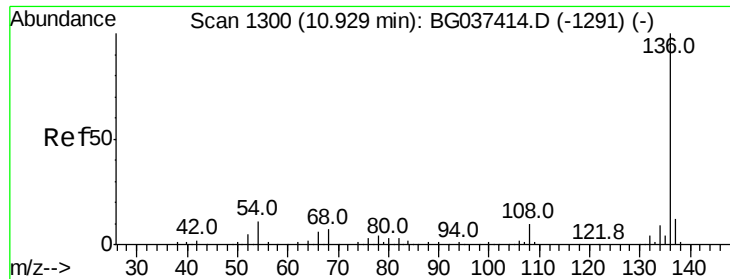
#20
3+4-Methylphenols
Concen: 42.669 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

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



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

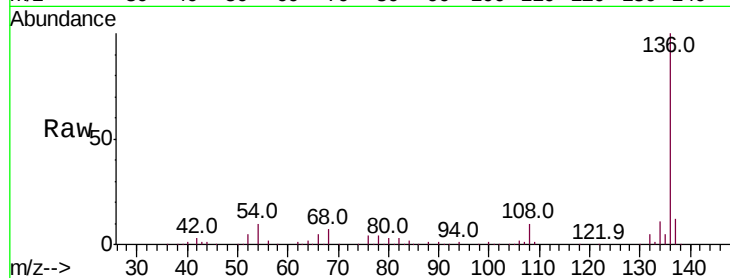




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

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



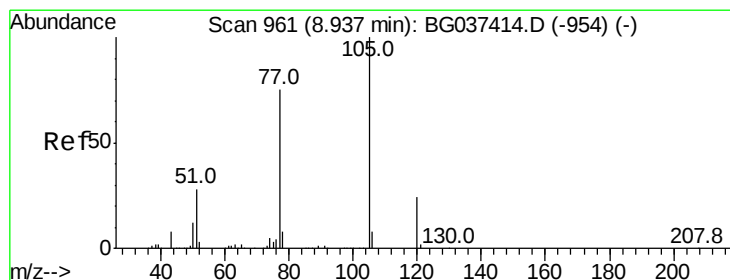
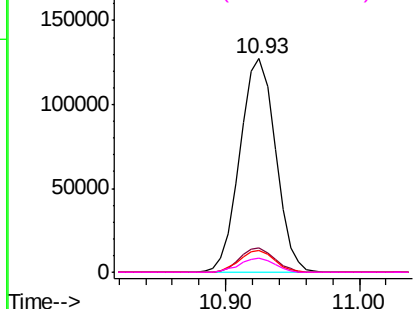
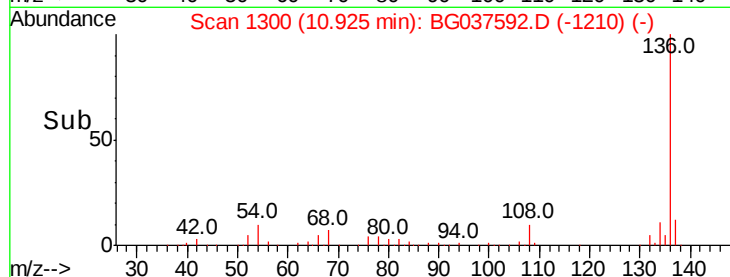
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

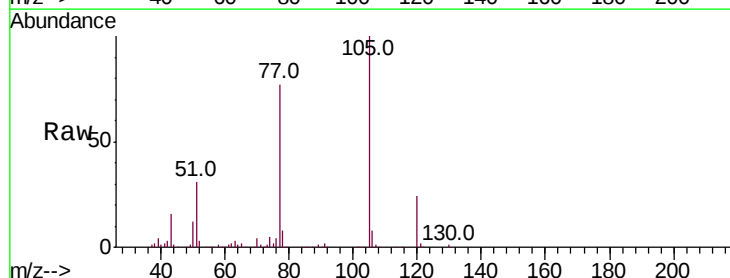
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



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

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



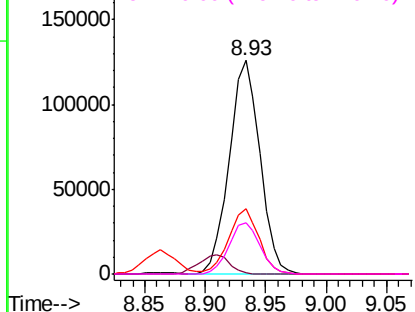
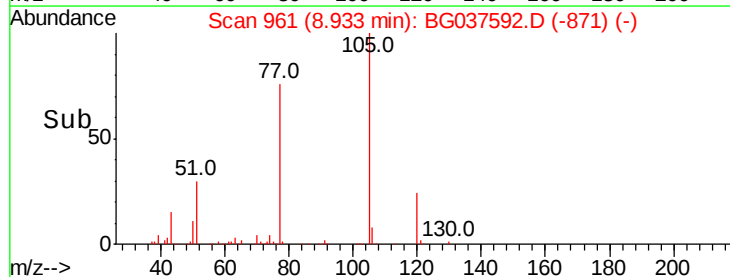
Abundance

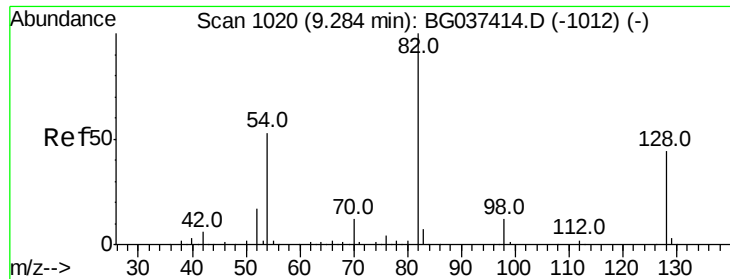
Ion 105.00 (104.70 to 105.70): E

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

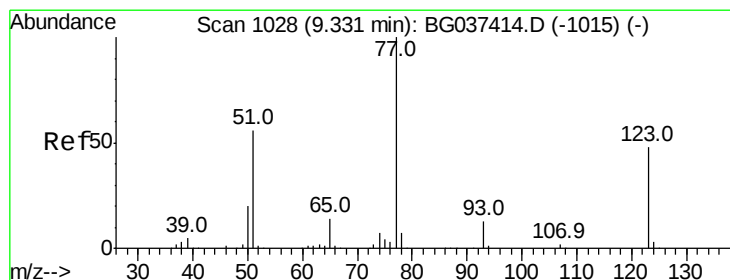
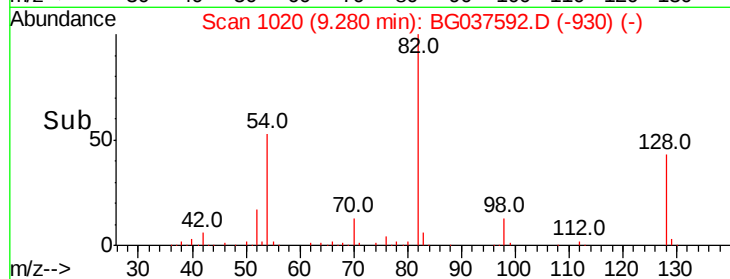
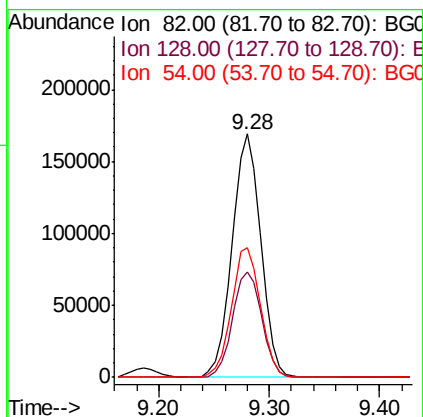
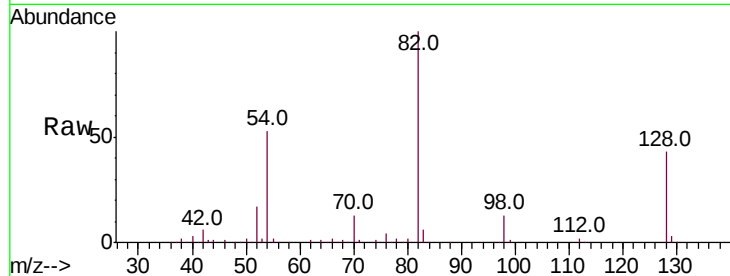




#23
 Nitrobenzene-d5
 Concen: 73.527 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

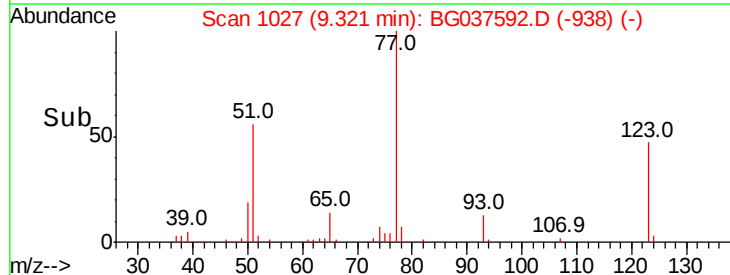
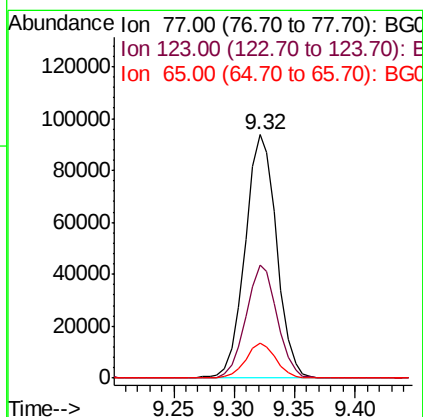
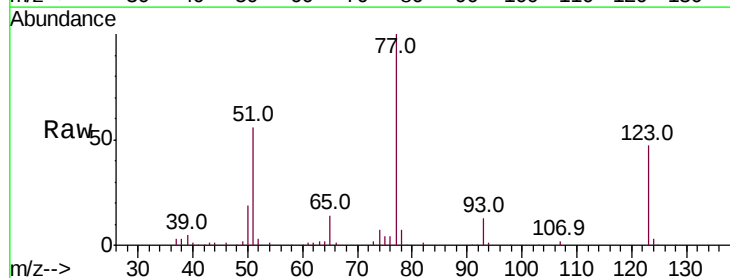
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

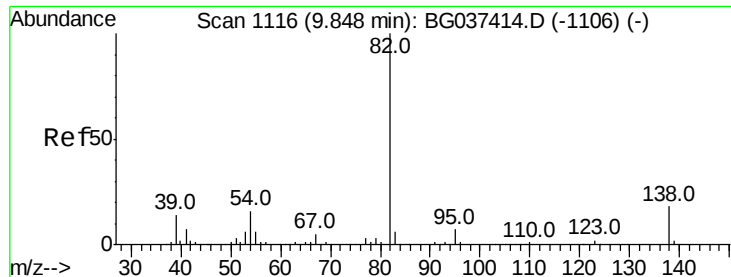
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	53.4	45.3	67.9



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

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





#25

Isophorone

Concen: 43.561 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

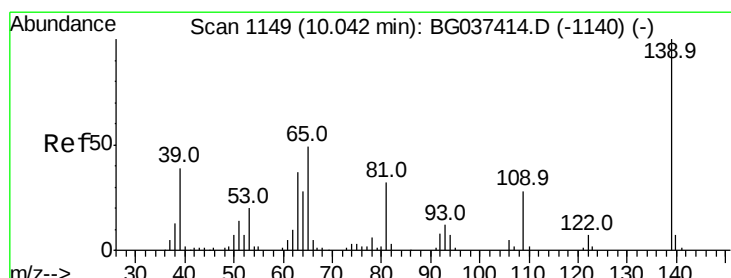
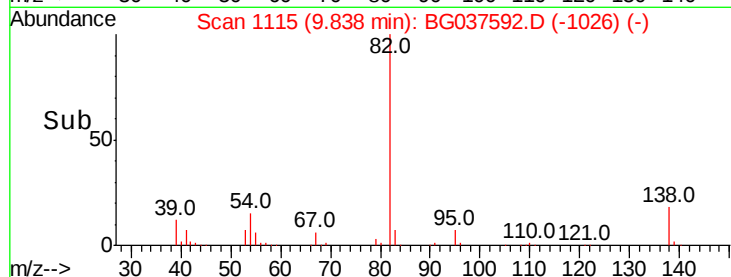
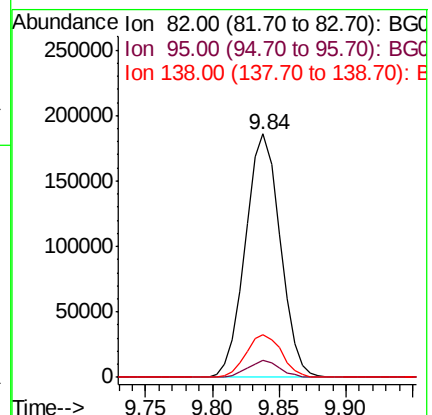
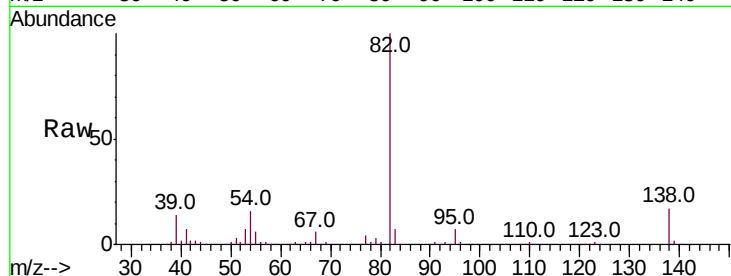
Tot Ion: 82 Resp: 334987

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 17.5 13.3 19.9



#26

2-Nitrophenol

Concen: 41.307 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

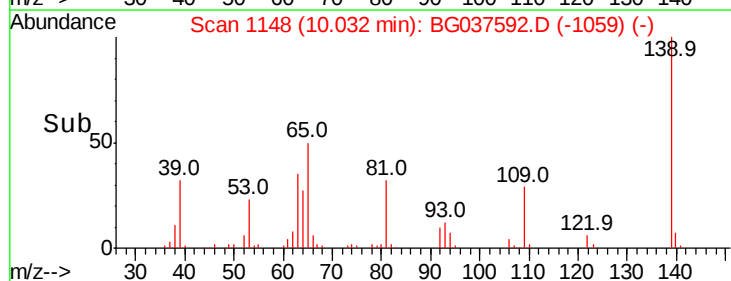
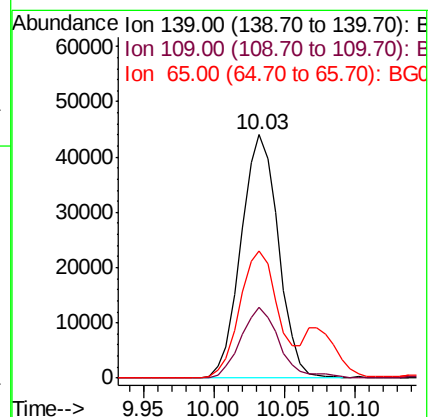
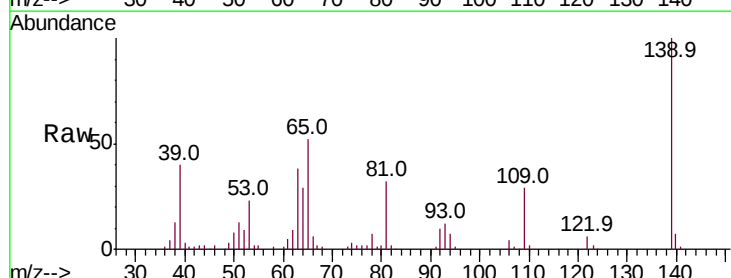
Tgt Ion: 139 Resp: 81361

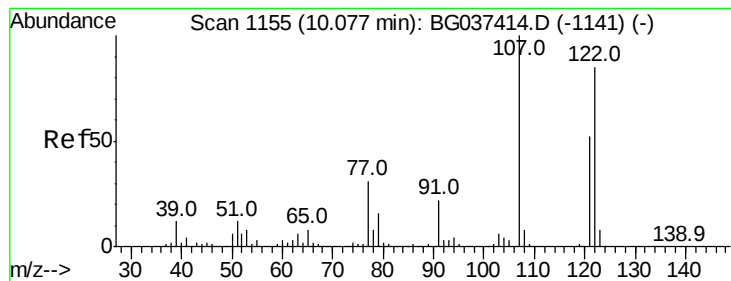
Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

65 52.1 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 47.653 ng

RT: 10.07 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

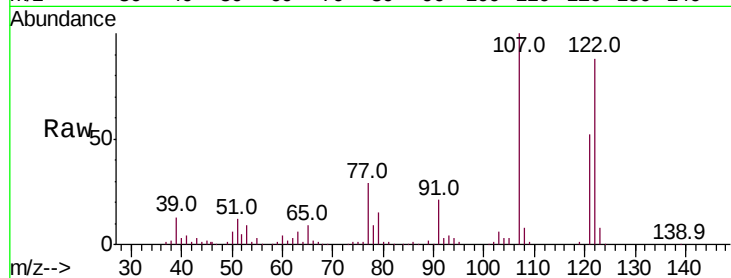
Tot Ion:122 Resp: 167585

Ion Ratio Lower Upper

122 100

107 113.7 94.2 141.2

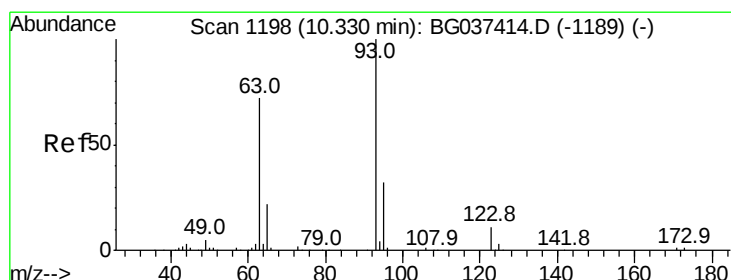
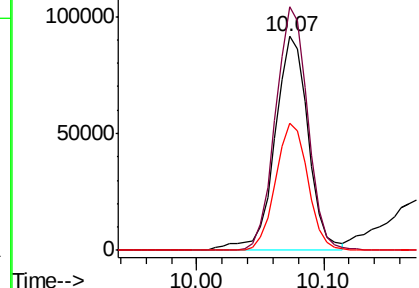
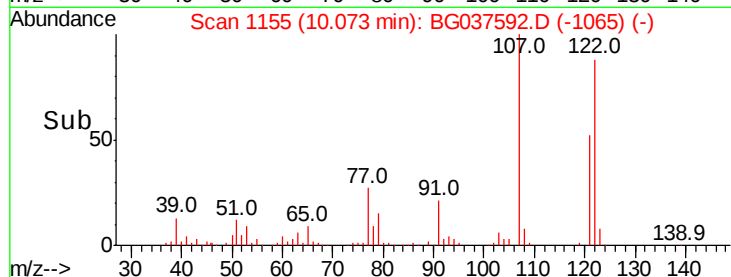
121 59.6 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.613 ng

RT: 10.32 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

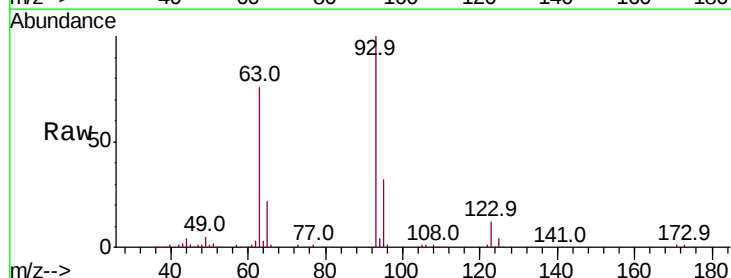
Tgt Ion: 93 Resp: 204621

Ion Ratio Lower Upper

93 100

95 31.7 24.6 37.0

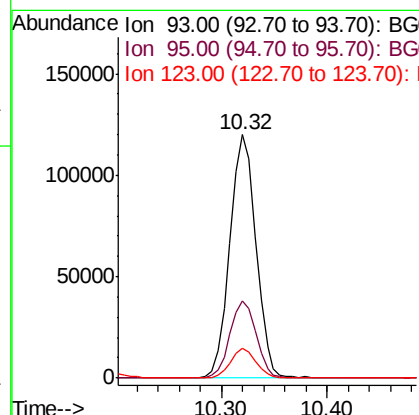
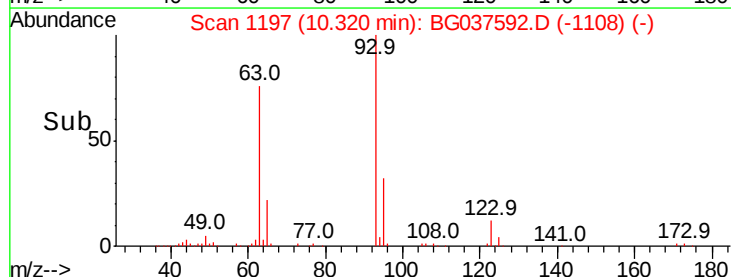
123 12.2 9.1 13.7

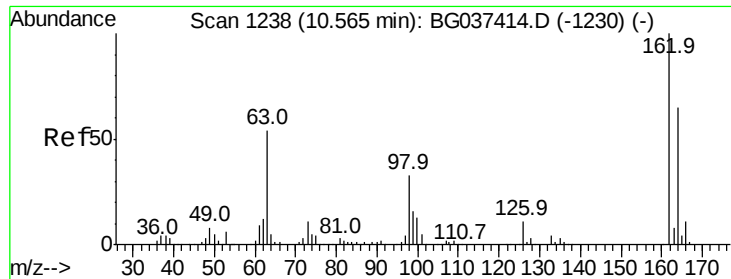


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

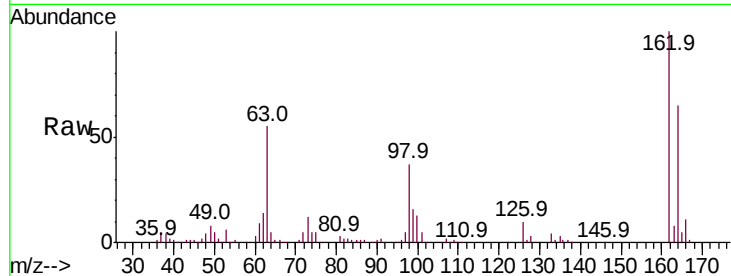




#29
 2,4-Dichlorophenol
 Concen: 41.817 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

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

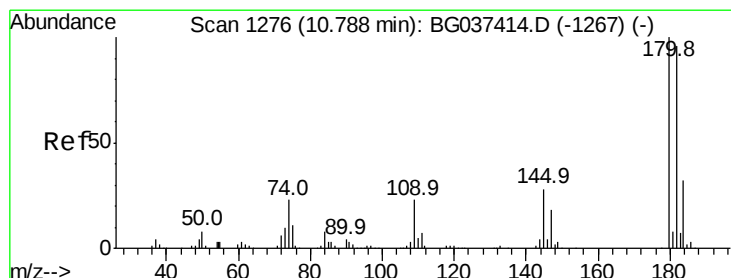
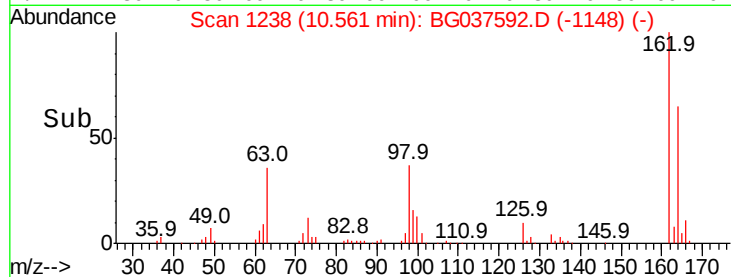
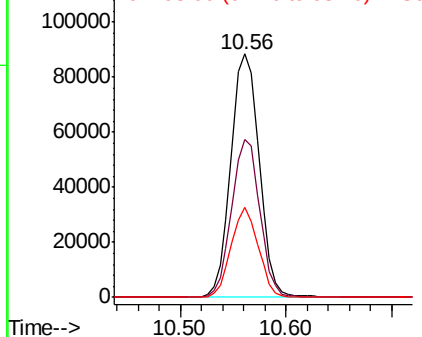


Abundance

Ion 162.00 (161.70 to 162.70): E

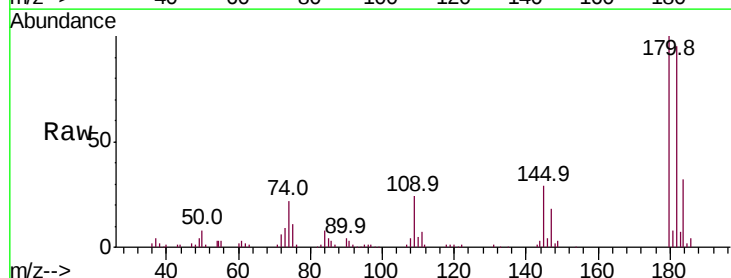
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



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

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

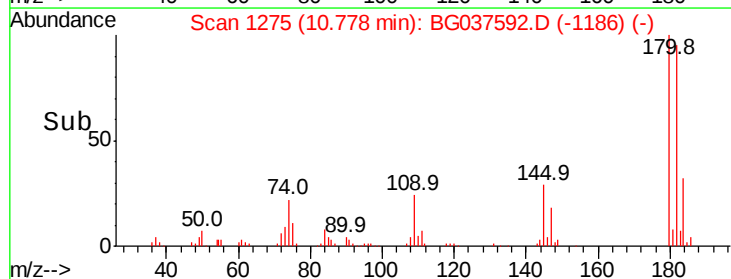
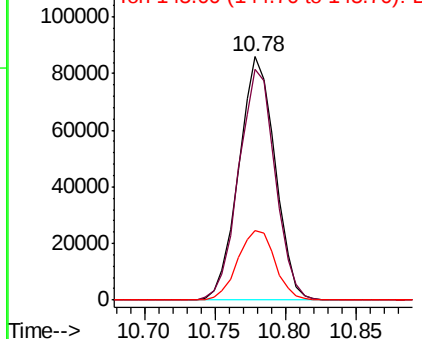


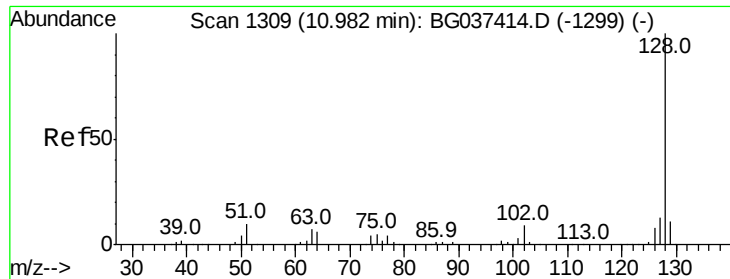
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

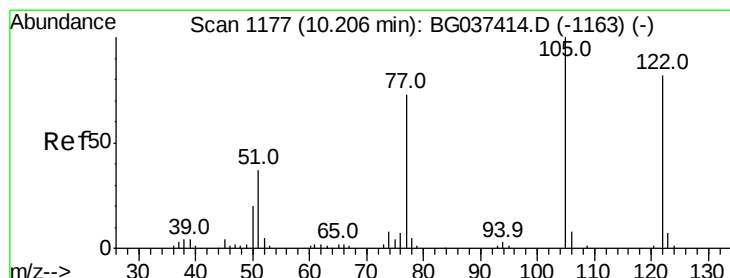
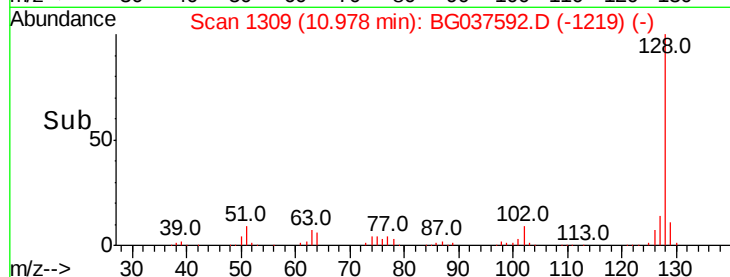
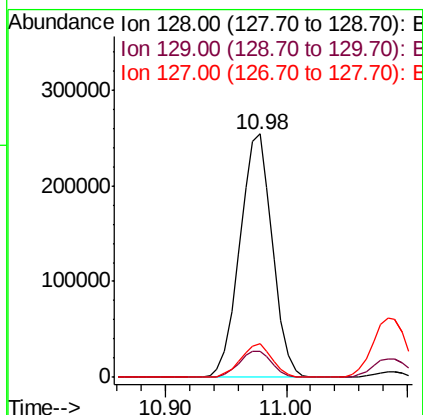
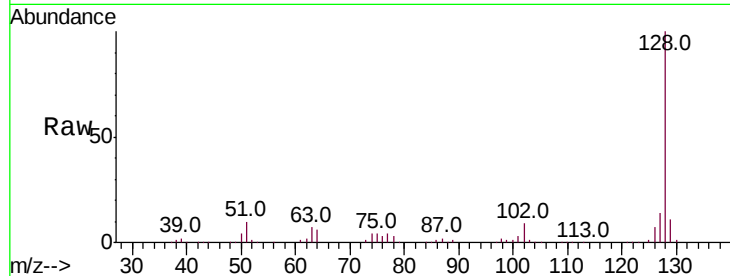




#31
Naphthalene
Concen: 41.060 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

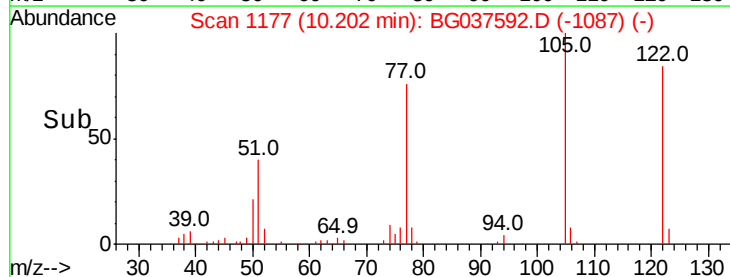
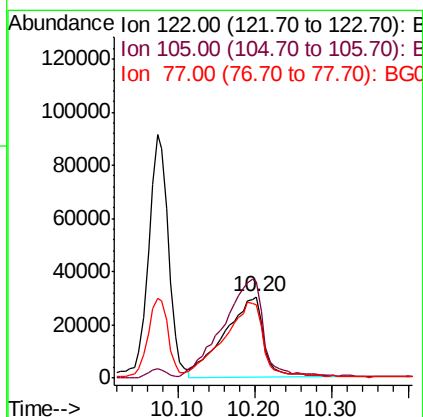
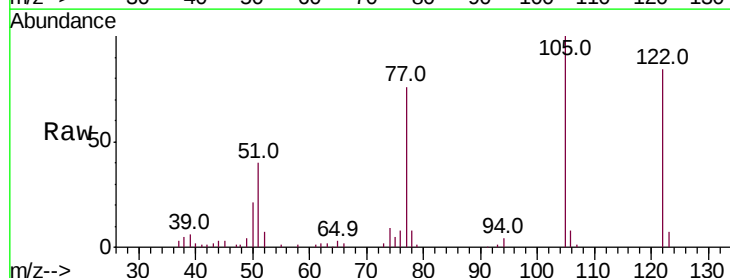
Instrument :
BNA_G
ClientSampleId :
PB114161BS

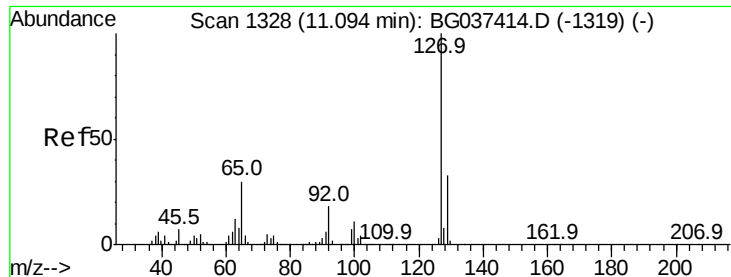
Tot Ion:128 Resp: 475491
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.8 11.1 16.7



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

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

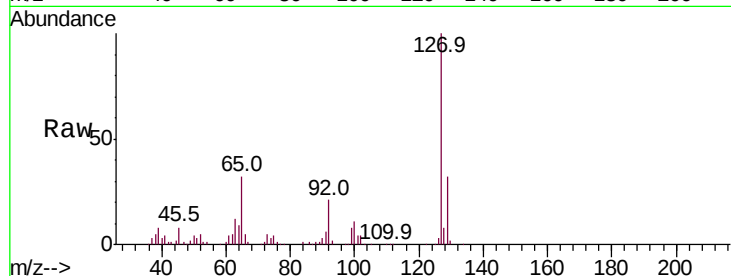




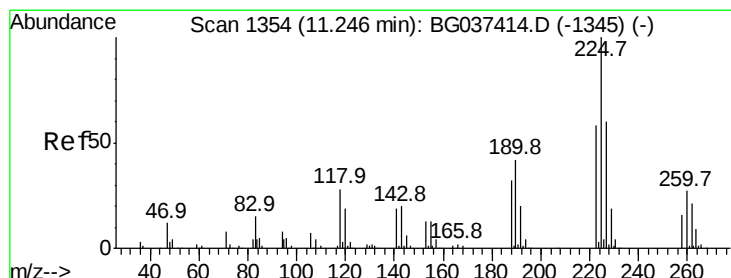
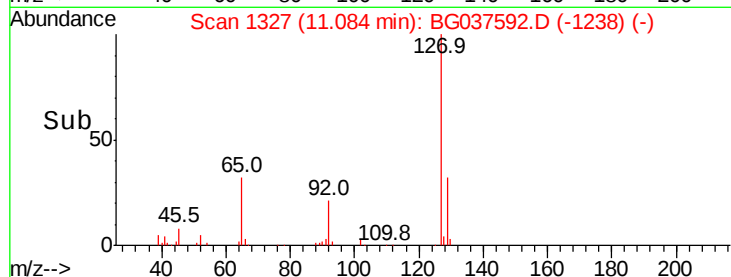
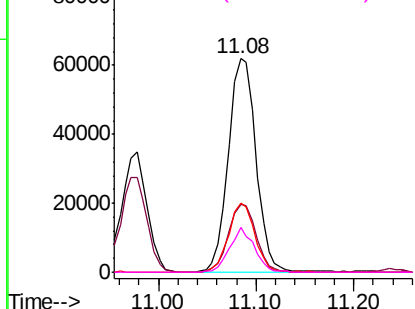
#33
4-Chloroaniline
Concen: 22.640 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

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

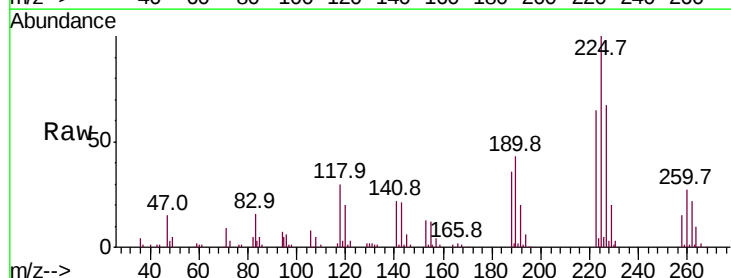


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

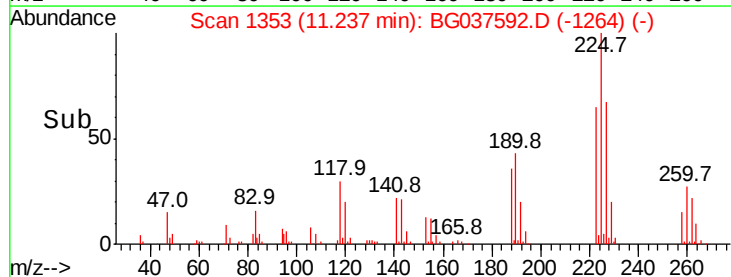
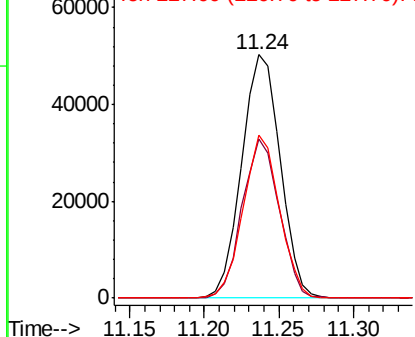


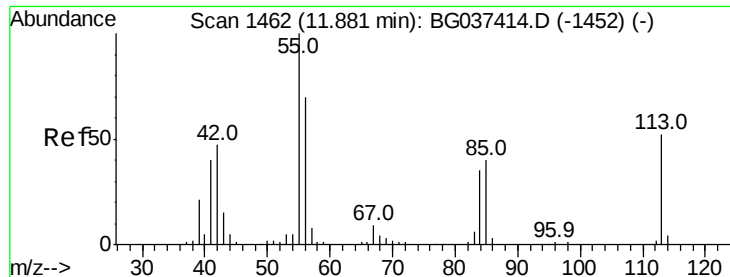
#34
Hexachlorobutadiene
Concen: 35.619 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:	225	Resp:	89891
Ion	Ratio	Lower	Upper
225	100		
223	69.0	48.2	72.4
227	69.9	51.6	77.4



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

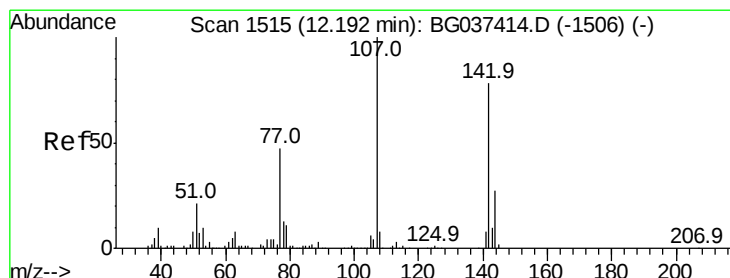
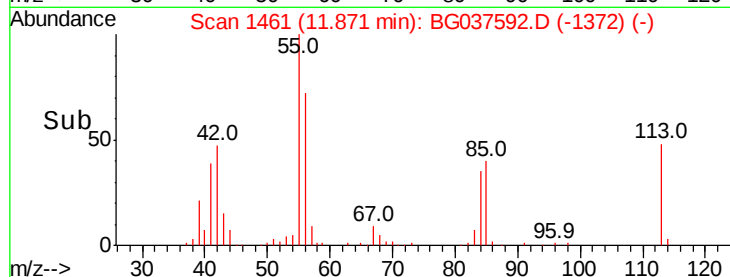
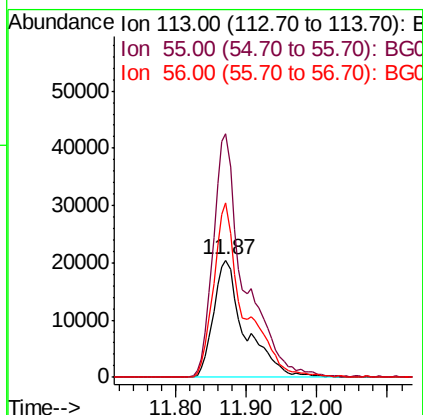
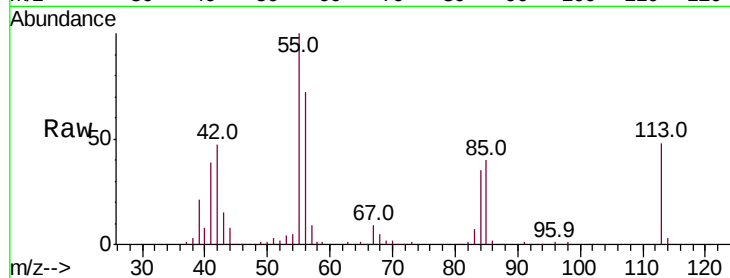




#35
 Caprolactam
 Concen: 40.463 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

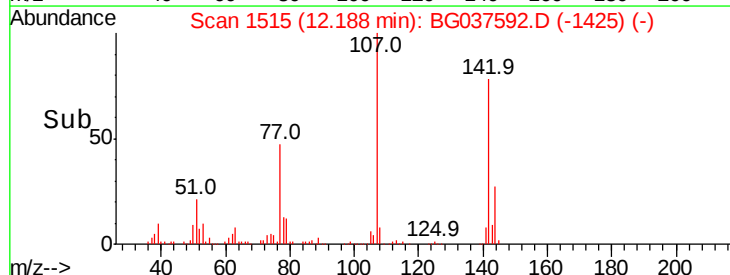
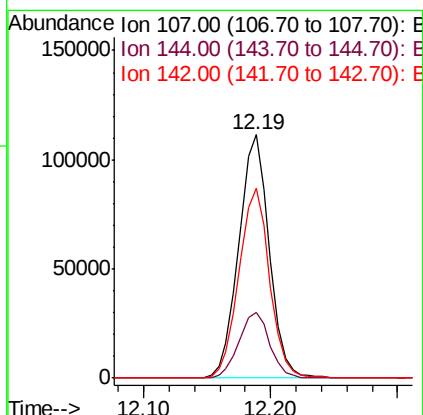
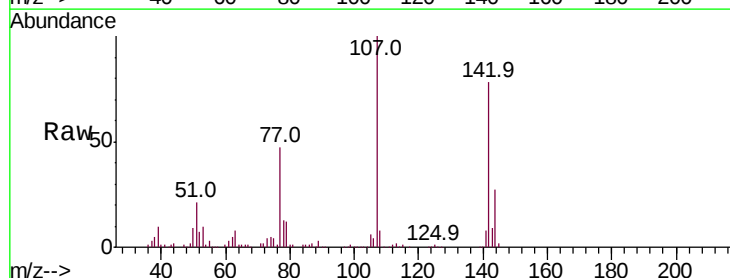
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

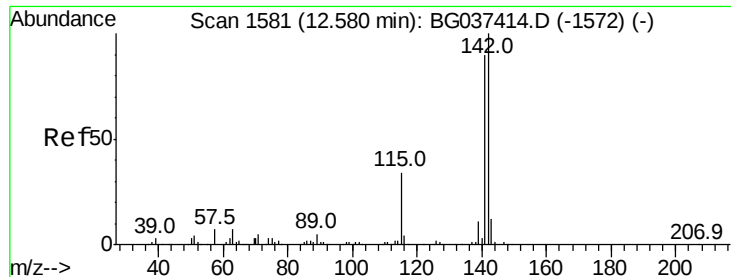
Tot Ion:113 Resp: 63543
 Ion Ratio Lower Upper
 113 100
 55 208.1 176.6 216.6
 56 149.1 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.935 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion:107 Resp: 185181
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.7 31.1
 142 77.7 64.4 96.6





#37

2-Methylnaphthalene

Concen: 42.795 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

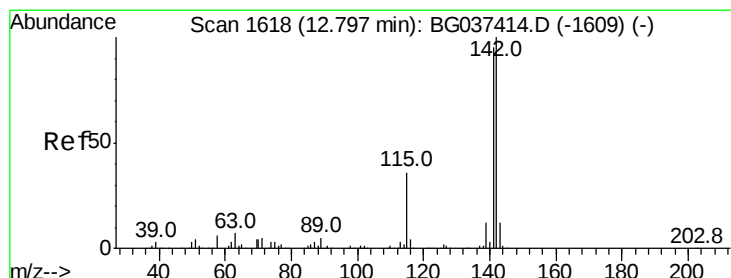
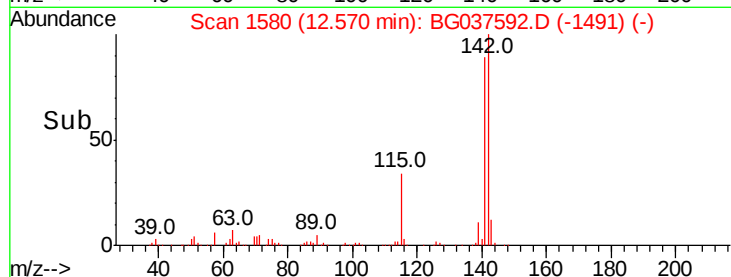
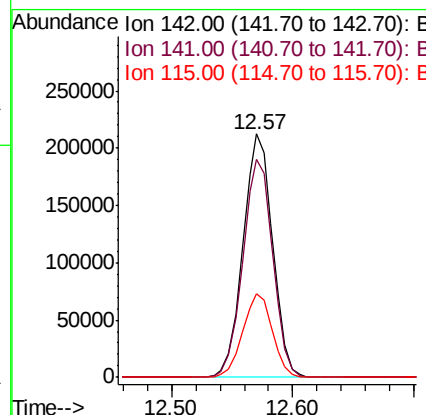
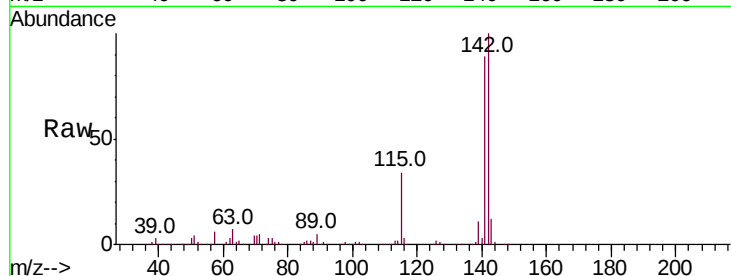
Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion:142 Resp: 361259

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



#38

1-Methylnaphthalene

Concen: 42.035 ng

RT: 12.79 min Scan# 1617

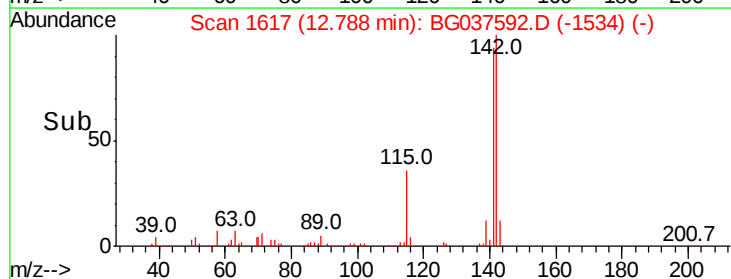
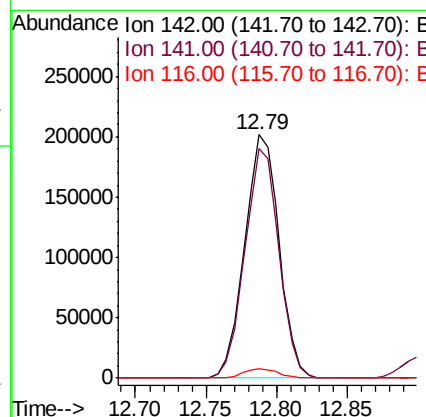
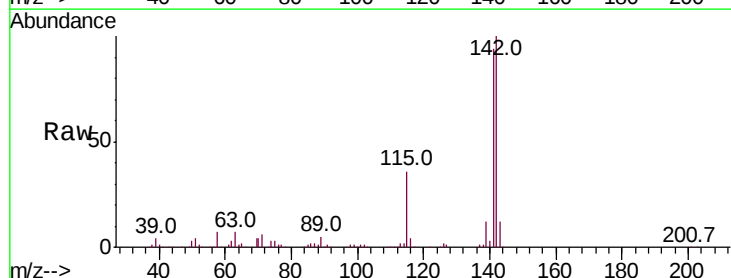
Delta R.T. -0.01 min

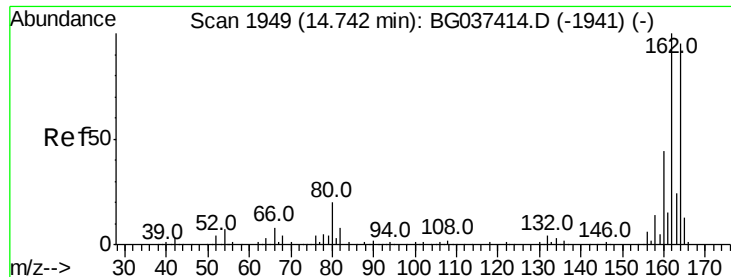
Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Tgt Ion:142 Resp: 344604

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

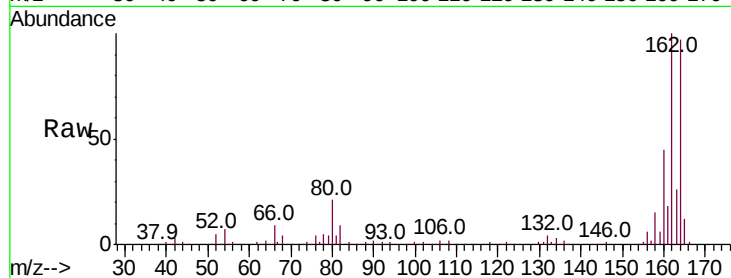
Tot Ion:164 Resp: 159453

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

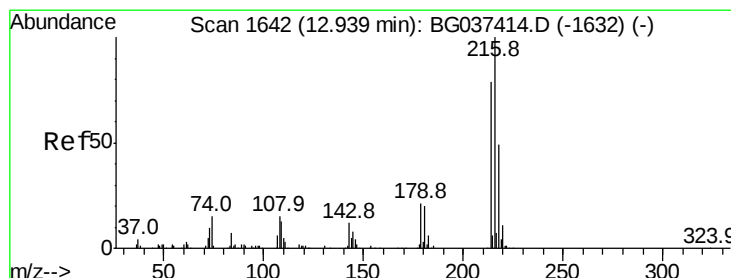
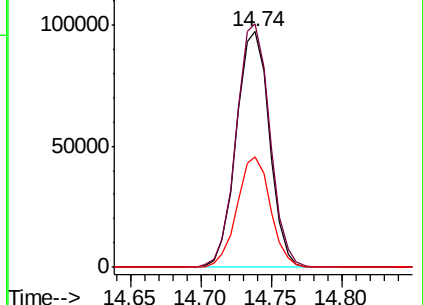
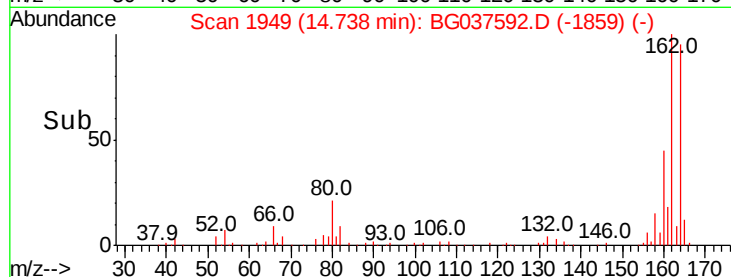
160 46.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.592 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Tgt Ion:216 Resp: 183057

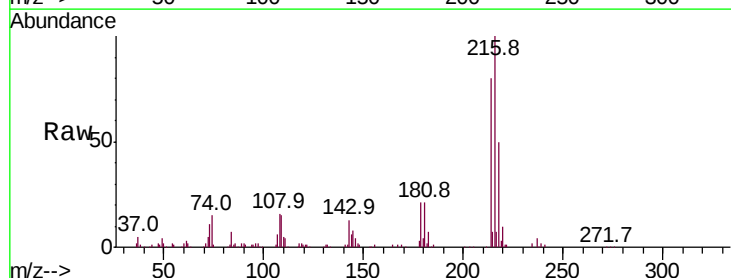
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 20.9 17.4 26.0

108 19.3 13.9 20.9

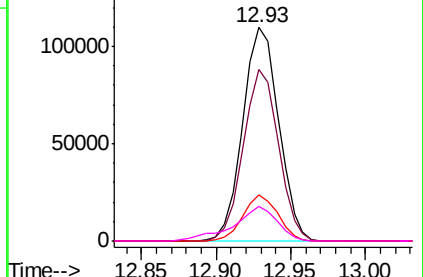
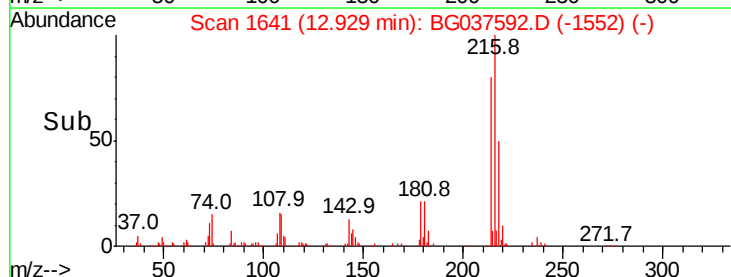


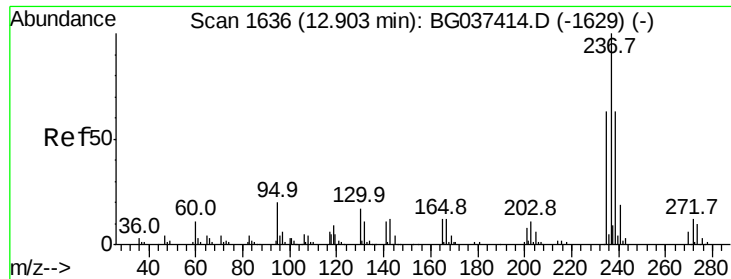
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.074 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

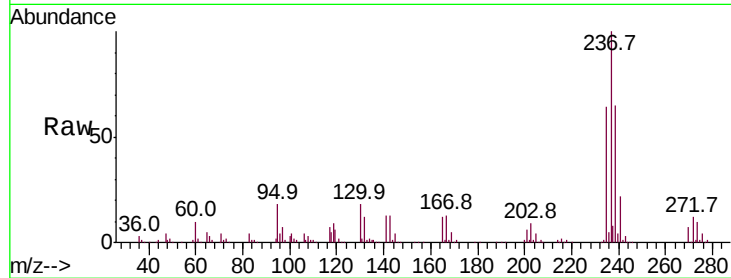
Tot Ion:237 Resp: 216380

Ion Ratio Lower Upper

237 100

235 64.3 42.5 82.5

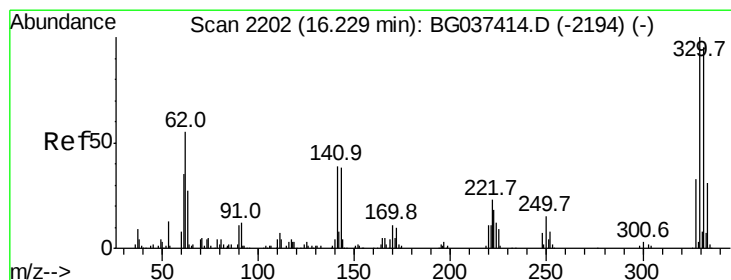
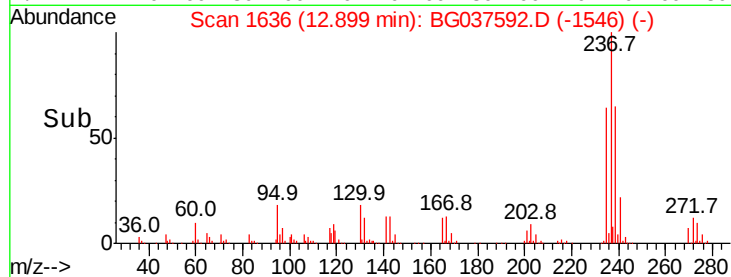
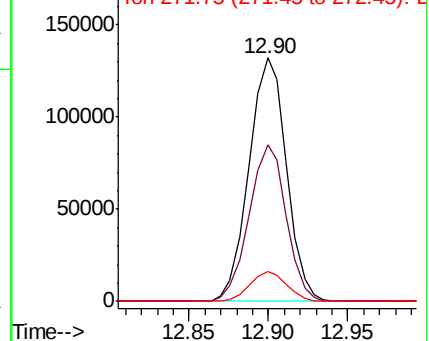
272 12.4 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.746 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

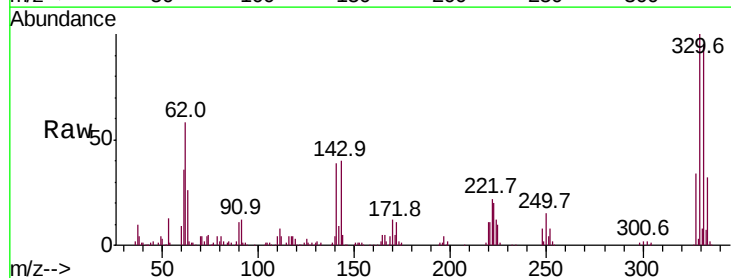
Tgt Ion:330 Resp: 222167

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

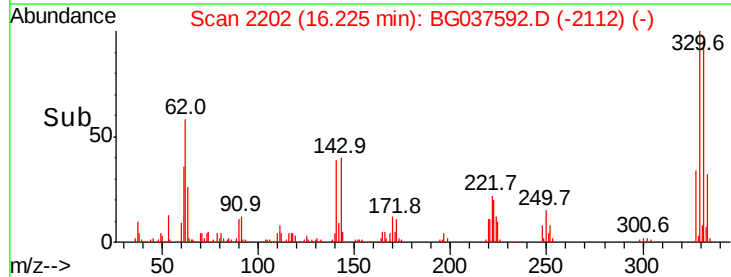
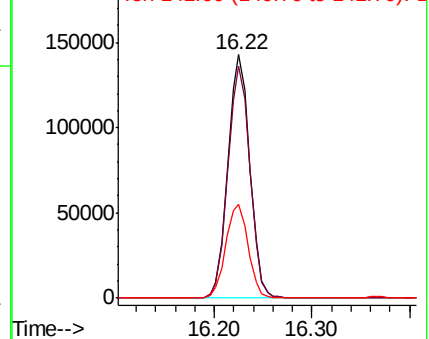
141 39.4 32.2 48.2

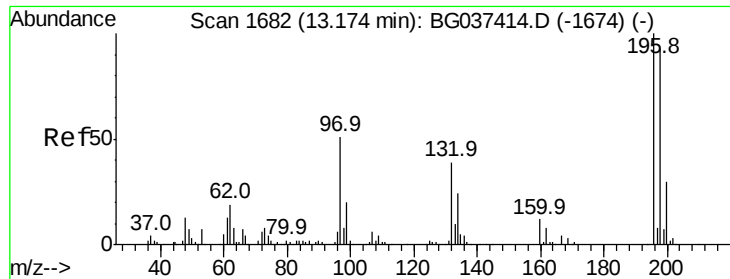


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

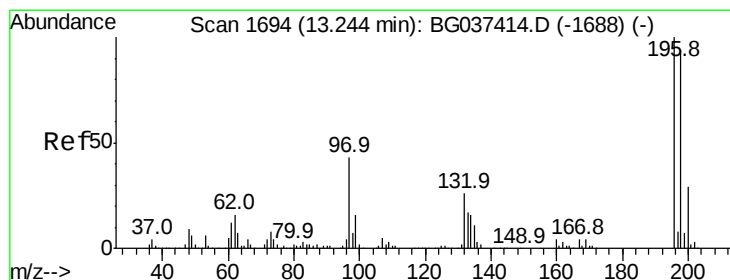
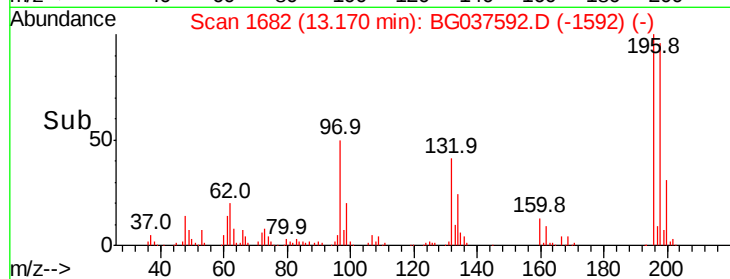
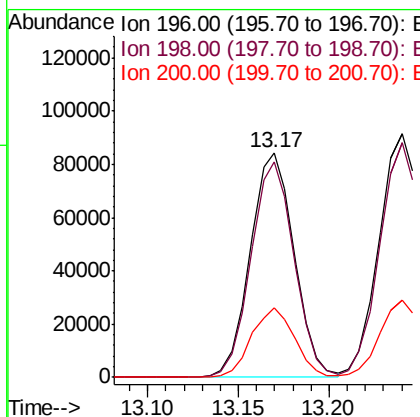
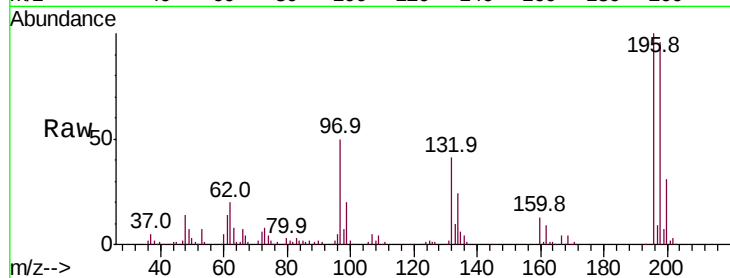




#43
 2,4,6-Trichlorophenol
 Concen: 41.160 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

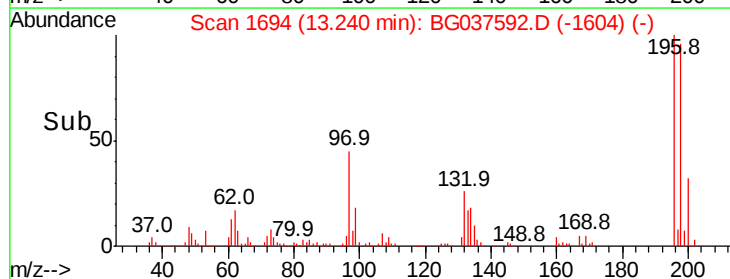
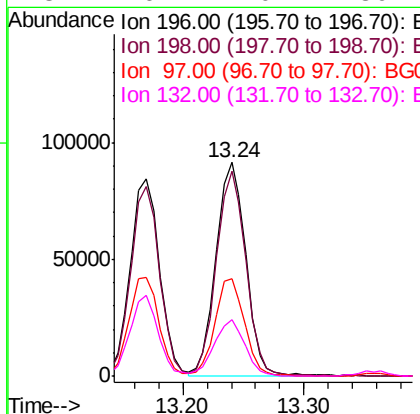
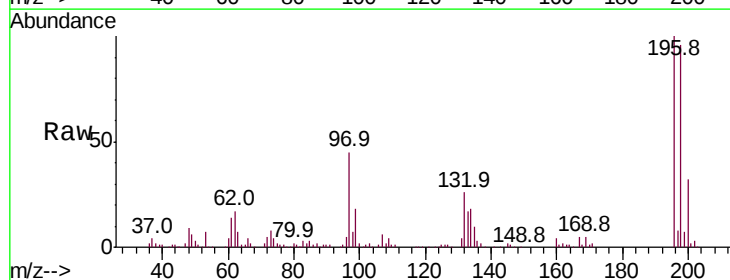
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

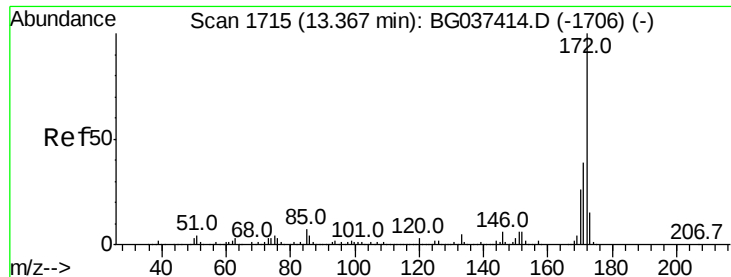
Tot Ion:196 Resp: 141431
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.4 114.6
 200 31.2 24.9 37.3



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

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

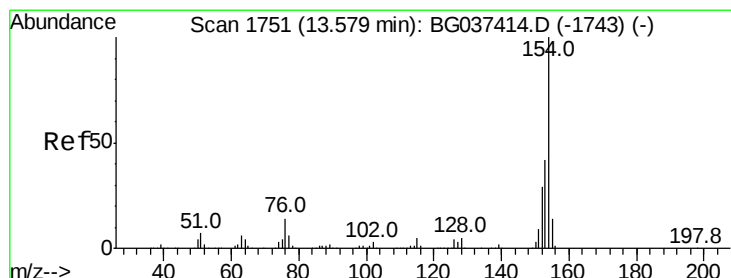
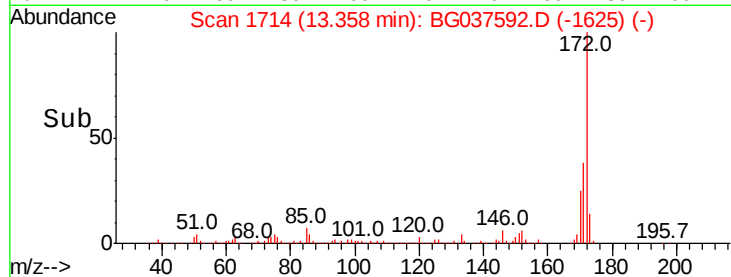
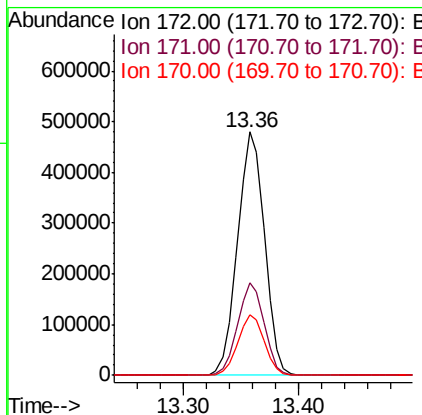
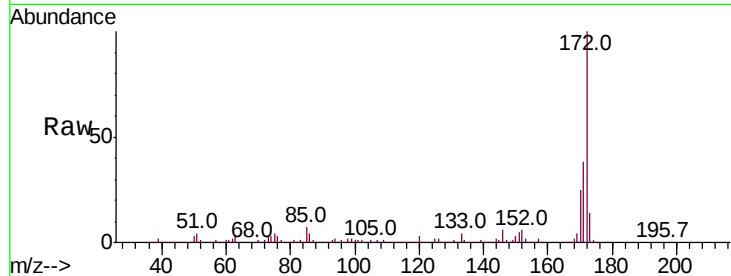




#45
 2-Fluorobiphenyl
 Concen: 73.182 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

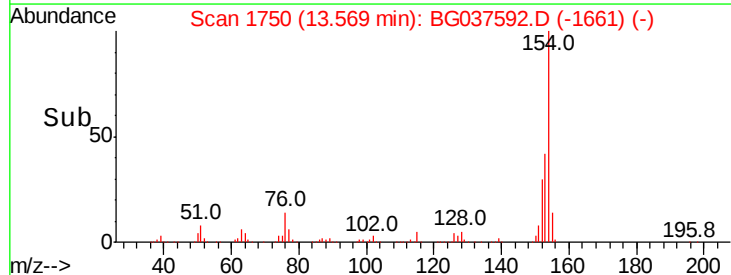
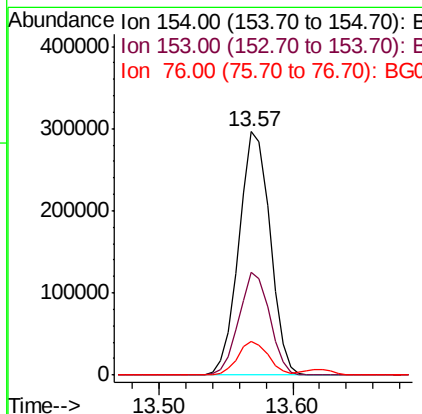
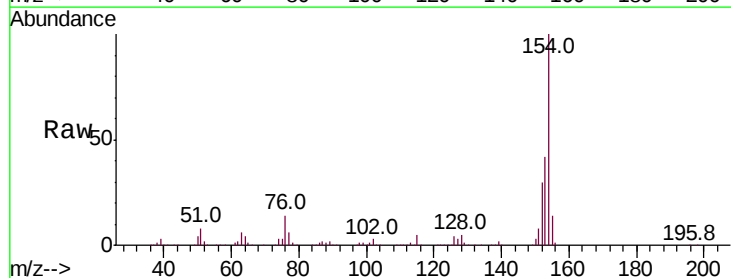
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

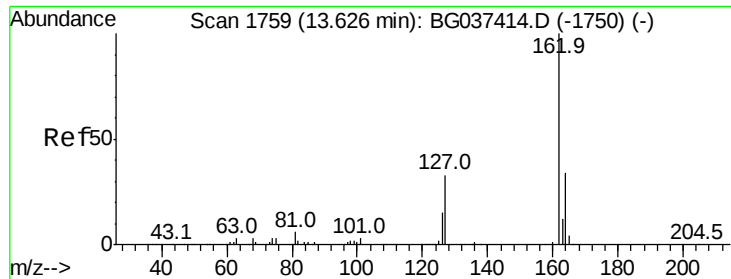
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.0	20.2	30.2



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

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

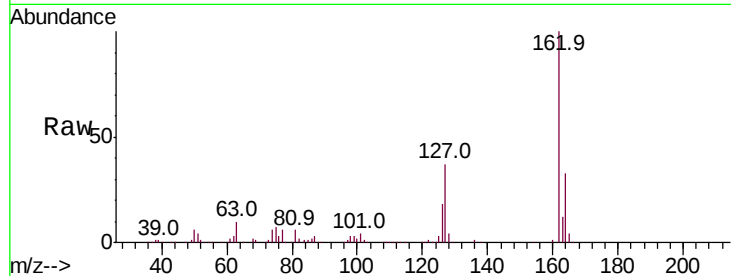




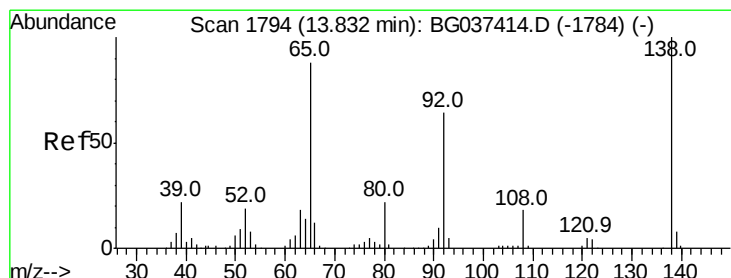
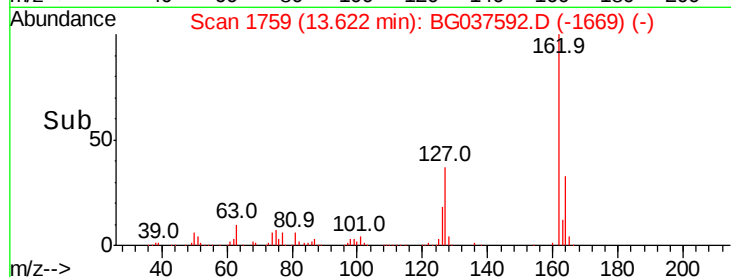
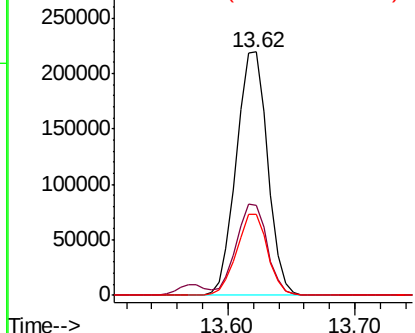
#47
 2-Chloronaphthalene
 Concen: 37.567 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

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

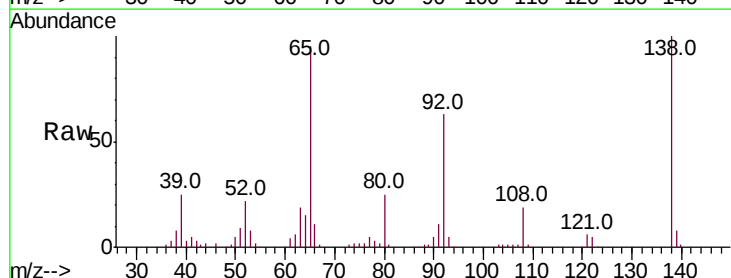


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

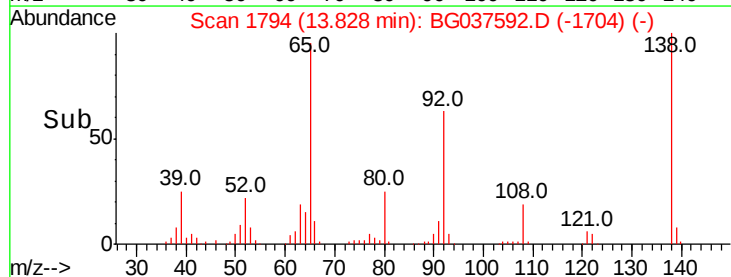
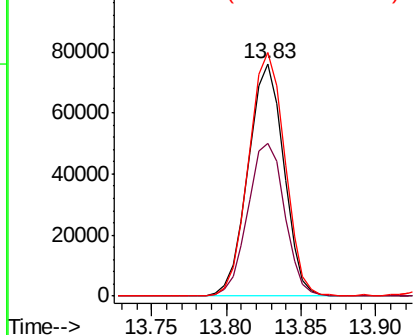


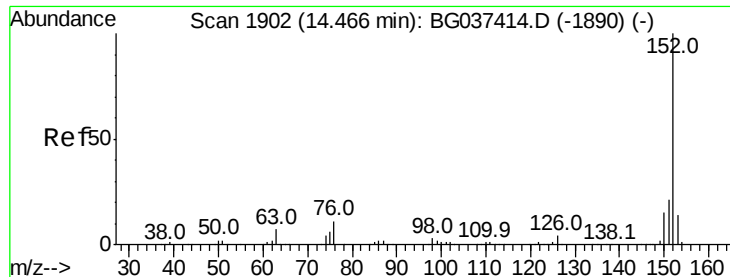
#48
 2-Nitroaniline
 Concen: 41.440 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

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



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





#49

Acenaphthylene

Concen: 42.083 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

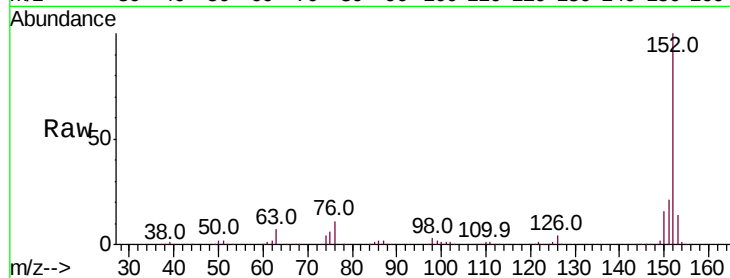
Tot Ion:152 Resp: 632439

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

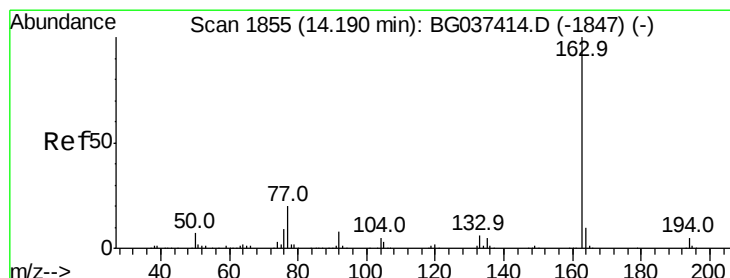
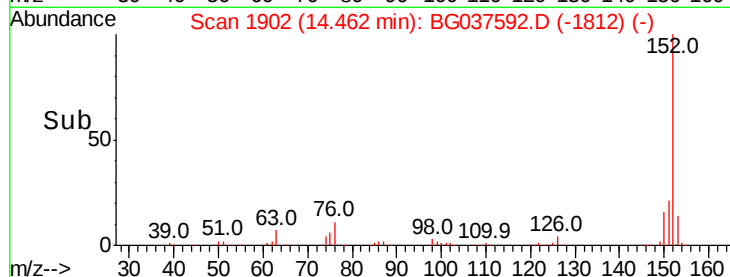
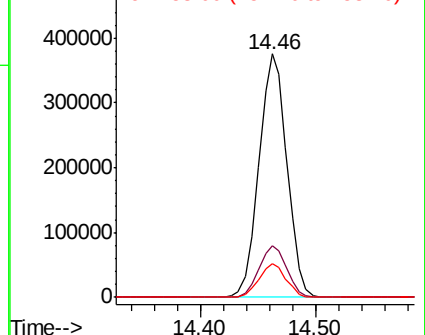
153 13.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.018 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

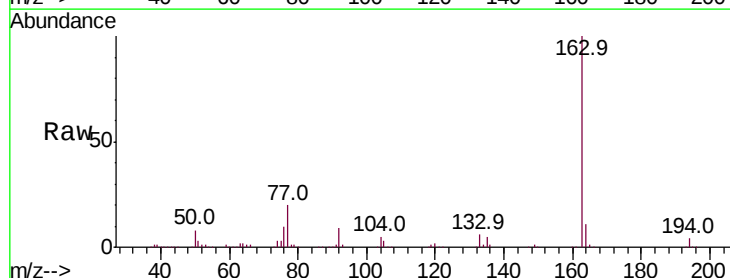
Tgt Ion:163 Resp: 493639

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

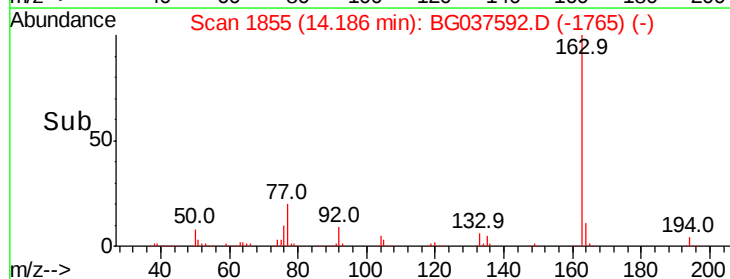
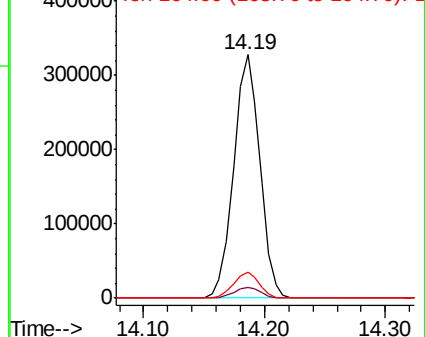
164 10.7 8.5 12.7

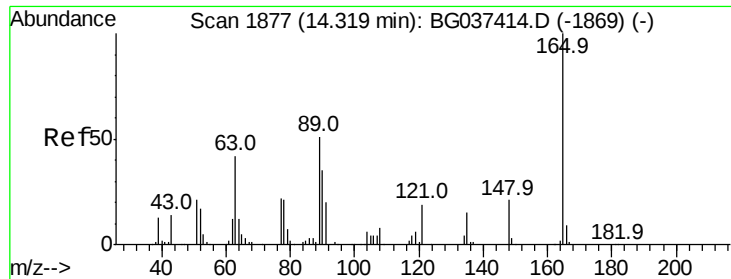


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

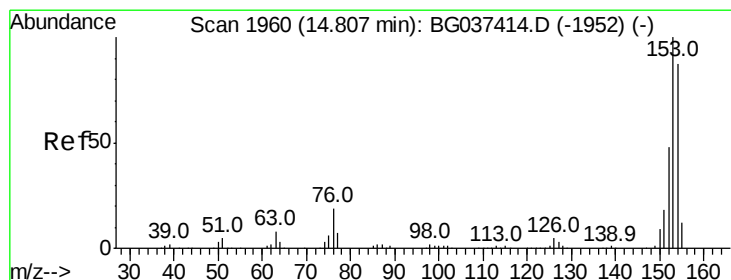
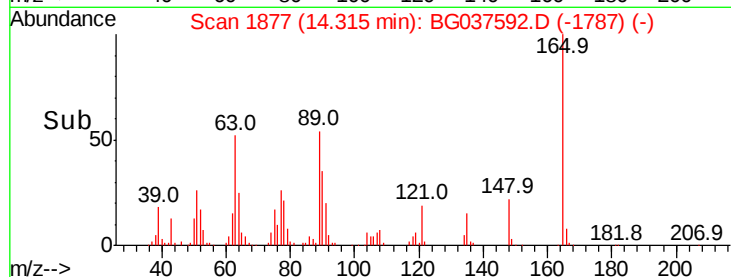
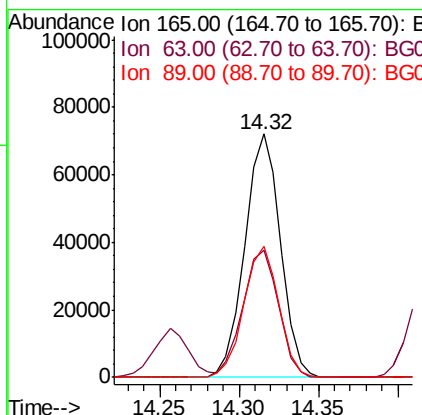
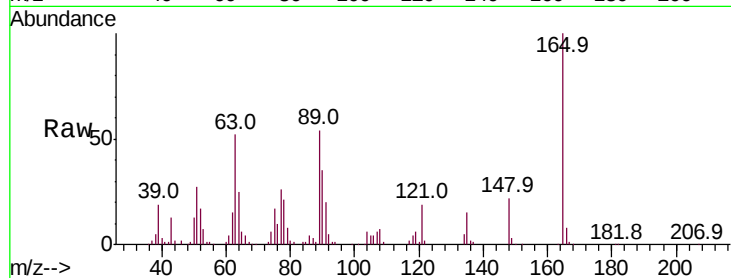




#51
 2,6-Dinitrotoluene
 Concen: 41.137 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

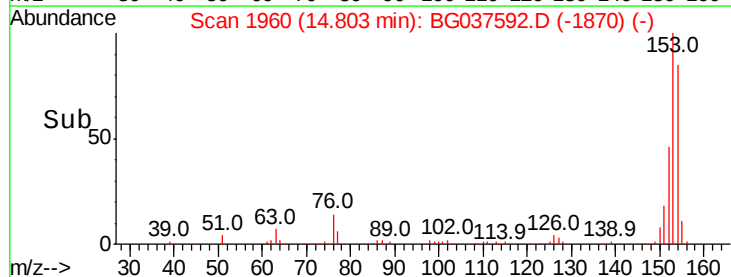
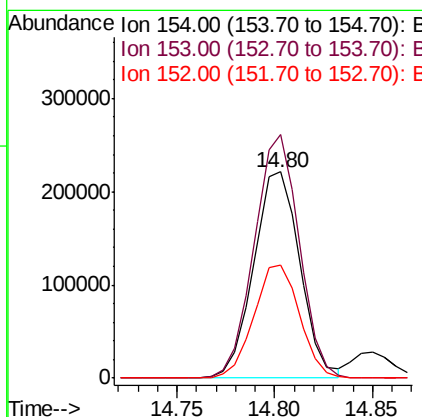
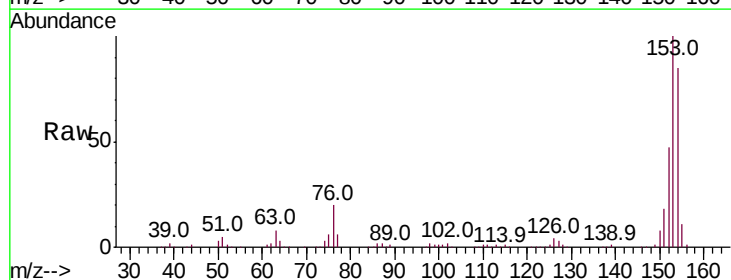
Instrument :
 BNA_G
 ClientSampleID :
 PB114161BS

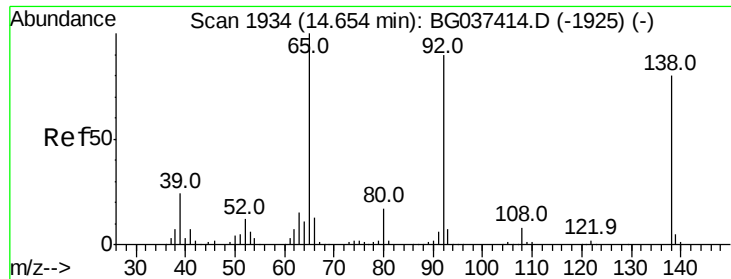
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	43.4	65.2
89	53.7	45.8	68.6



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

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





#53

3-Nitroaniline

Concen: 31.869 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

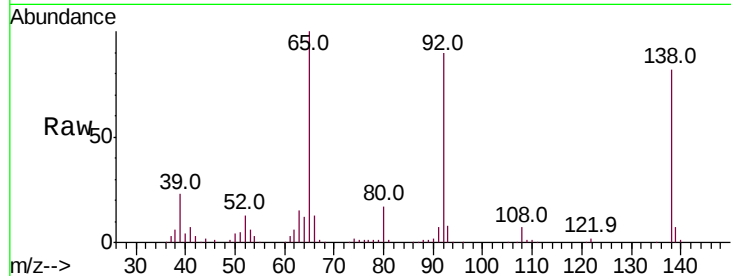
Tot Ion:138 Resp: 96546

Ion Ratio Lower Upper

138 100

108 8.4 11.0 16.6#

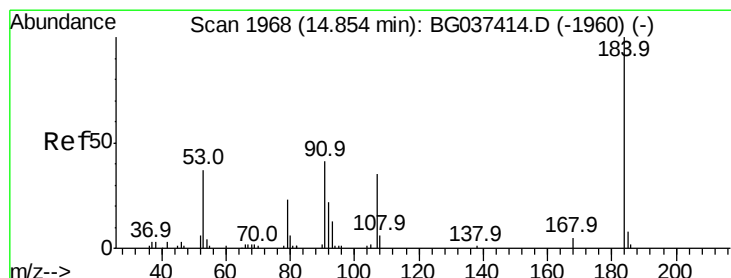
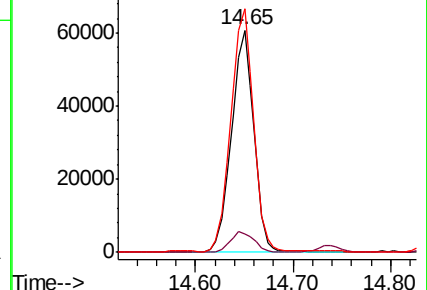
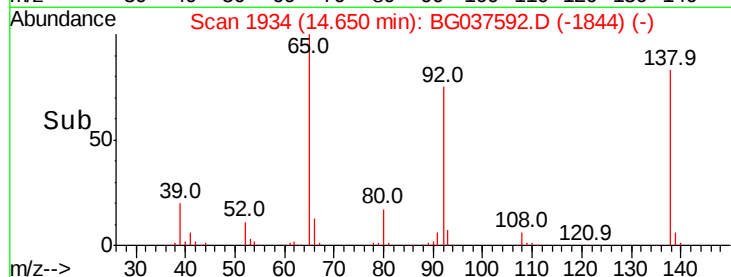
92 109.6 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 72.711 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

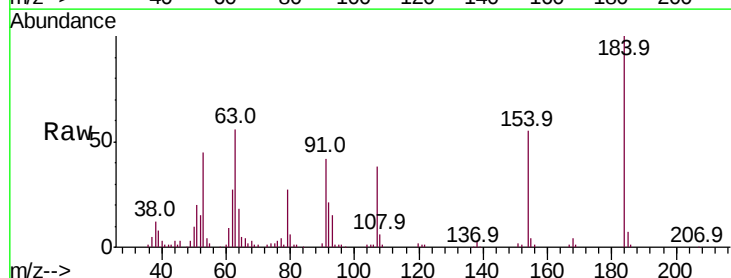
Tgt Ion:184 Resp: 82743

Ion Ratio Lower Upper

184 100

63 56.2 42.6 63.8

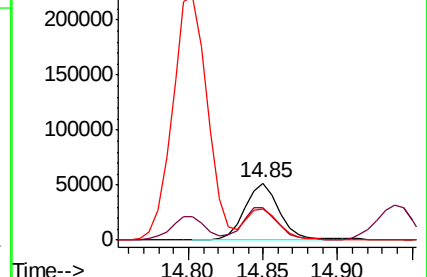
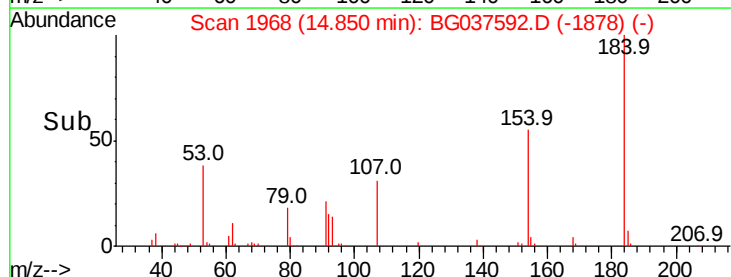
154 54.8 41.8 62.6

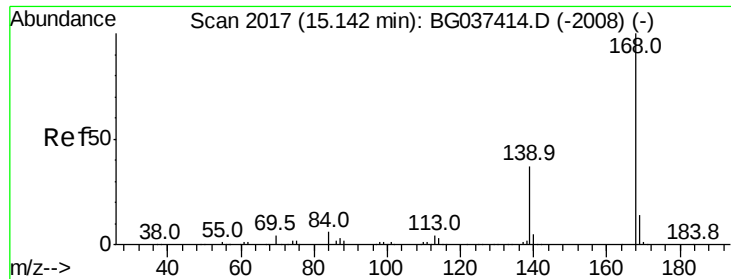


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.698 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

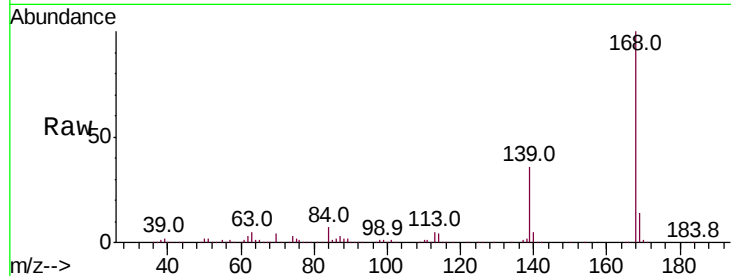
Tot Ion:168 Resp: 593421

Ion Ratio Lower Upper

168 100

139 35.8 29.4 44.0

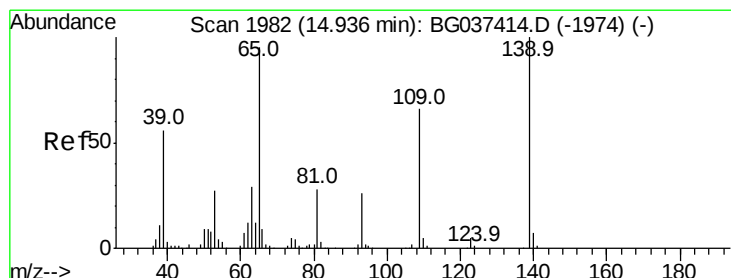
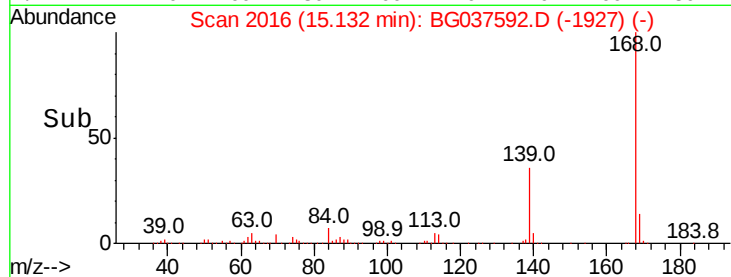
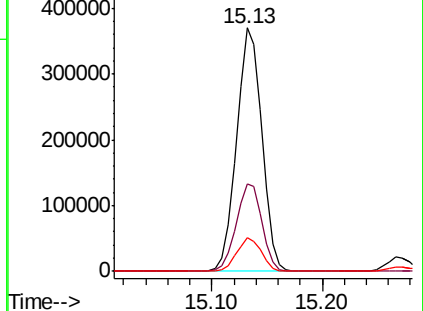
169 13.6 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.725 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

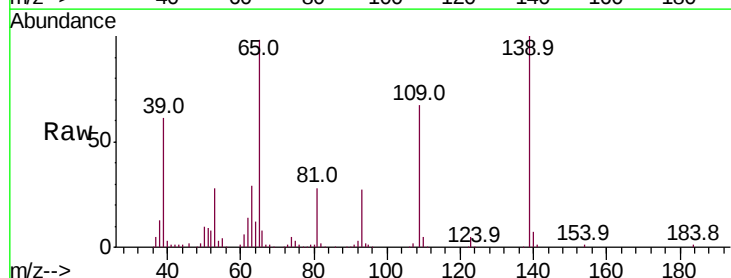
Tgt Ion:139 Resp: 189985

Ion Ratio Lower Upper

139 100

109 67.5 49.5 89.5

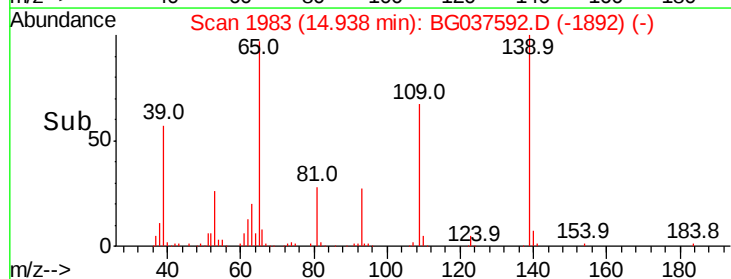
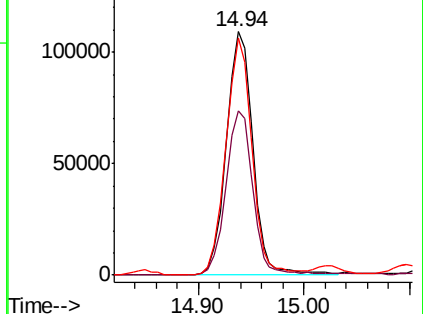
65 97.6 76.8 116.8

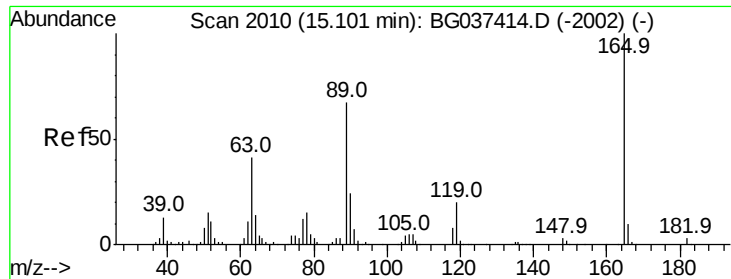


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

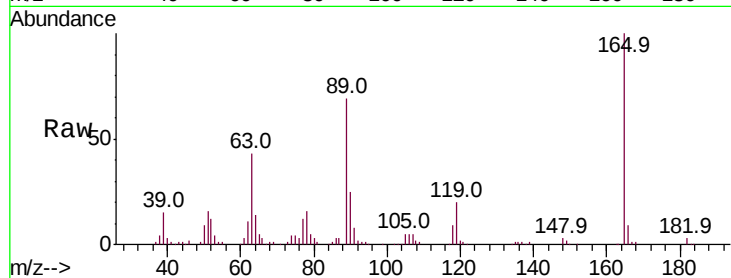




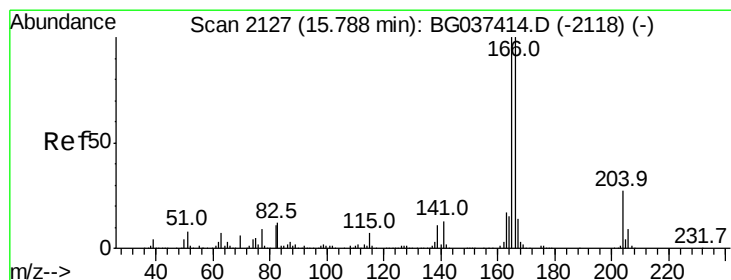
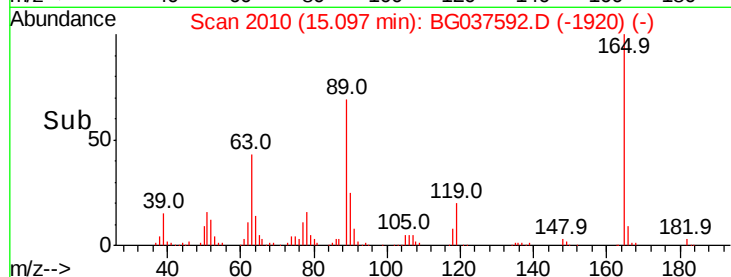
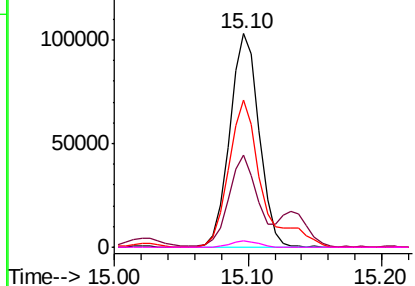
#57
 2,4-Dinitrotoluene
 Concen: 43.984 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion:	165	Resp:	157555
Ion	Ratio	Lower	Upper
165	100		
63	43.4	33.4	50.0
89	69.0	57.2	85.8
182	3.1	2.6	4.0

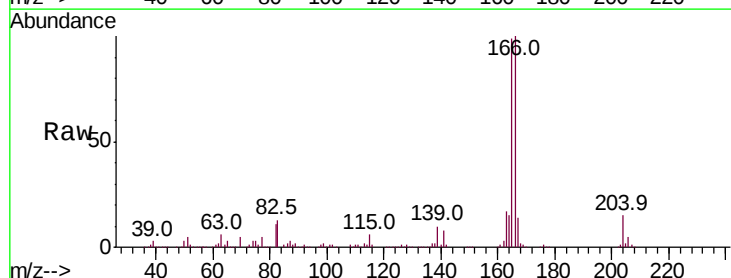


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

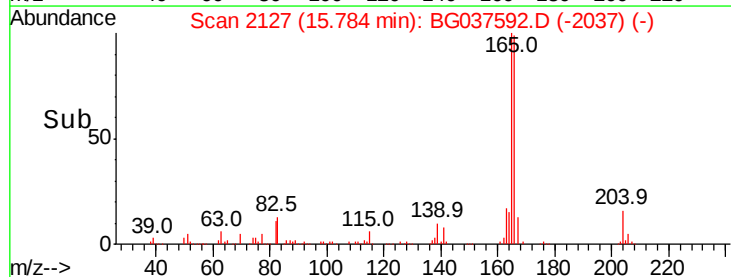
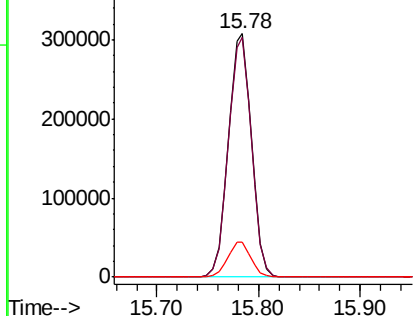


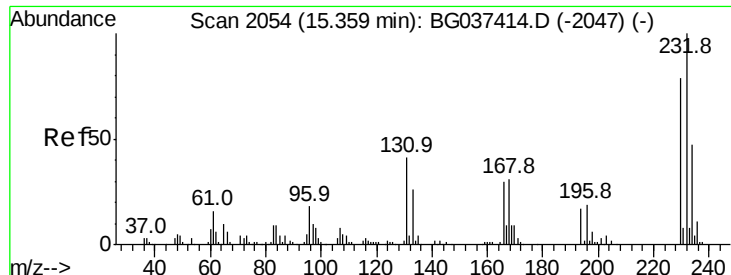
#58
 Fluorene
 Concen: 42.170 ng
 RT: 15.78 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion:	166	Resp:	484261
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.6
167	14.3	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

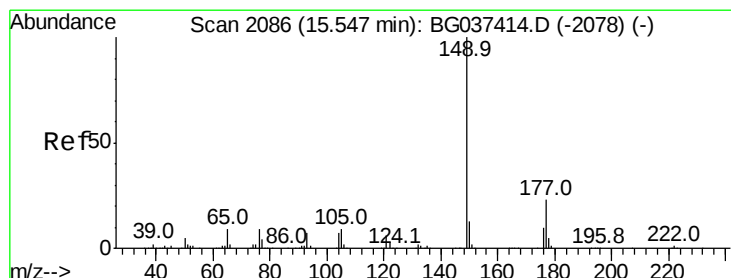
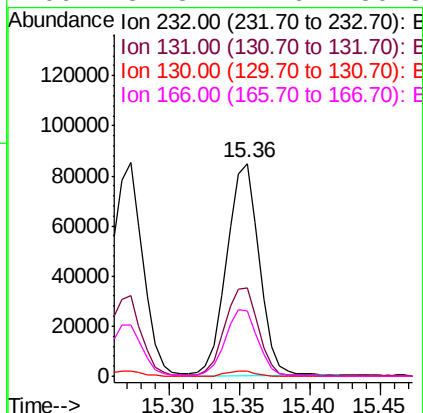
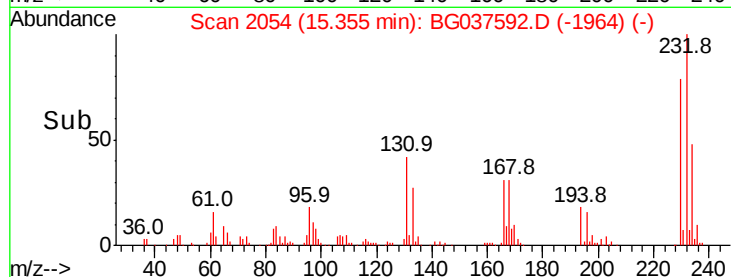
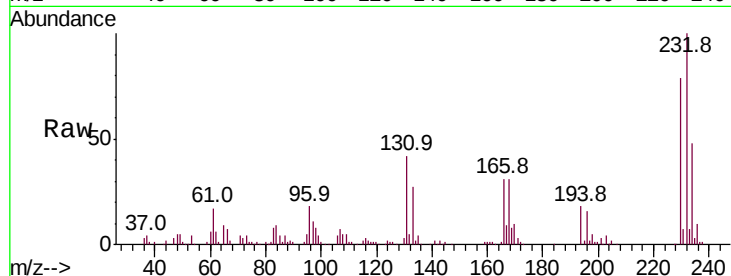




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.414 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

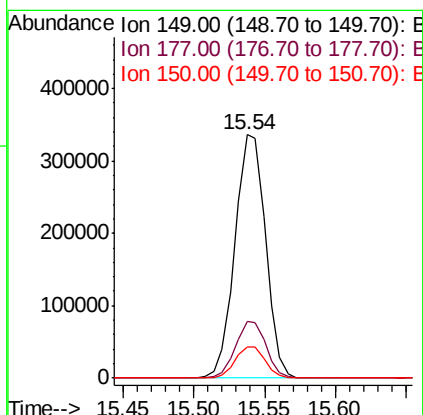
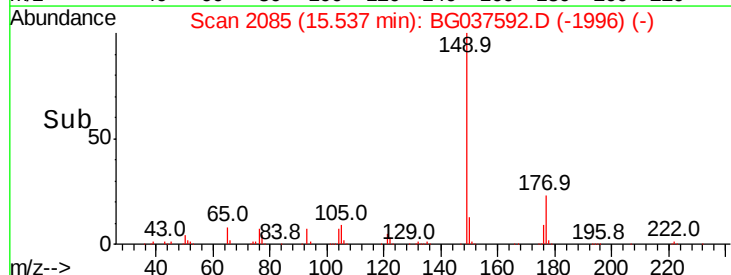
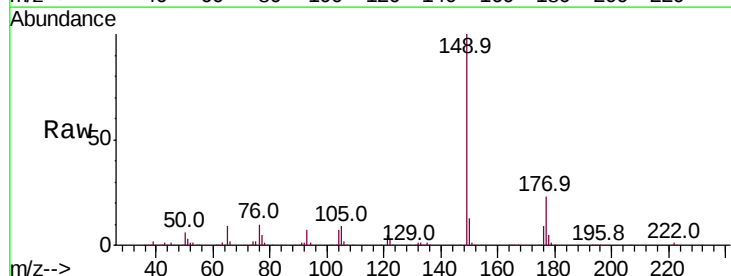
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

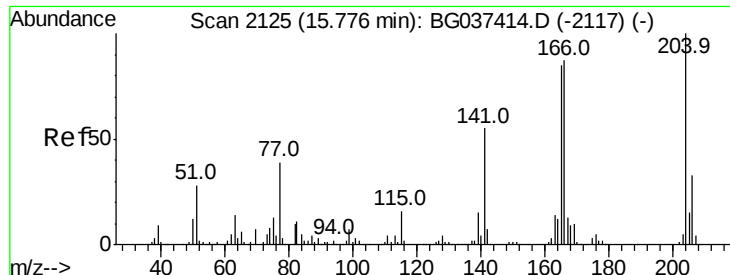
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.7	50.5
130	2.5	2.1	3.1
166	31.8	24.6	36.8



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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.0	10.0	15.0

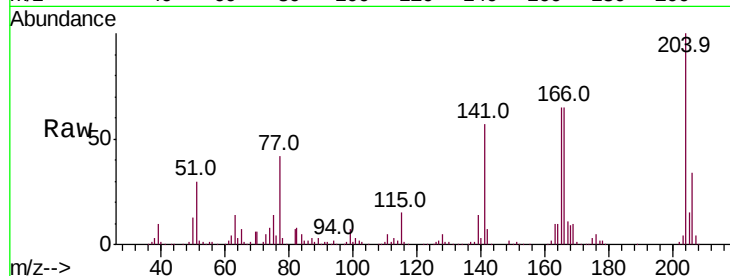




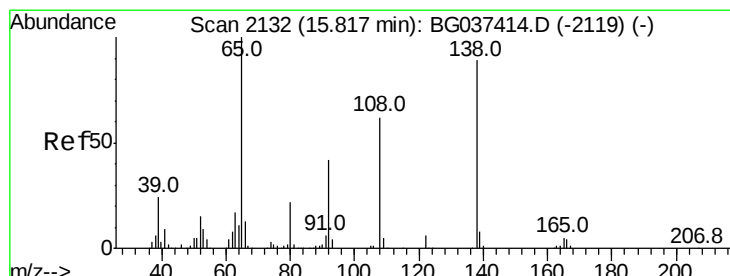
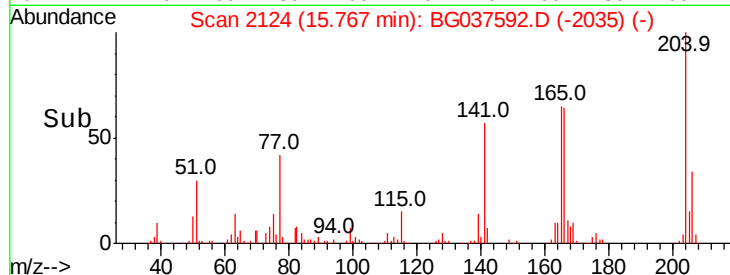
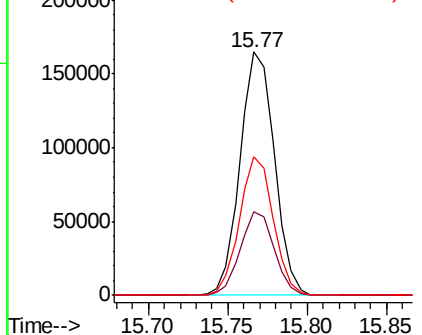
#61
4-Chlorophenyl-phenylether
Concen: 37.113 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion:204 Resp: 248408
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 57.0 45.4 68.2

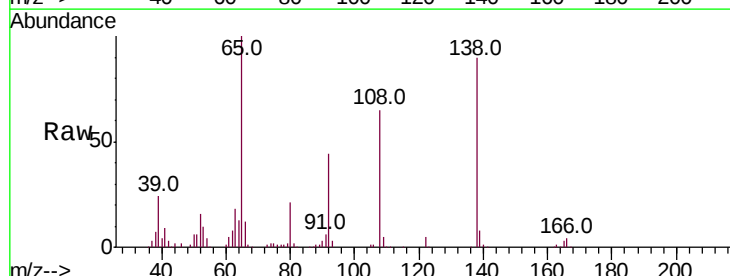


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

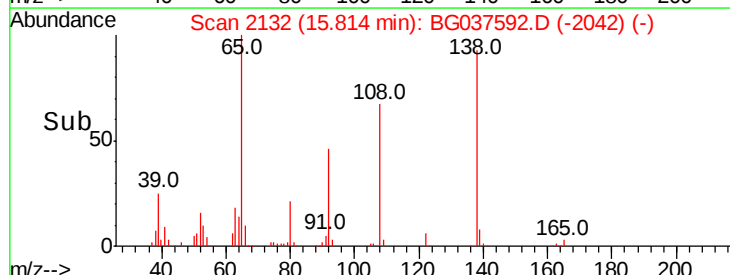
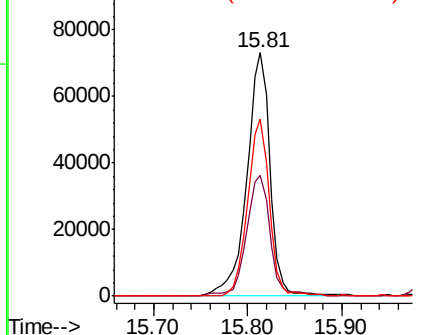


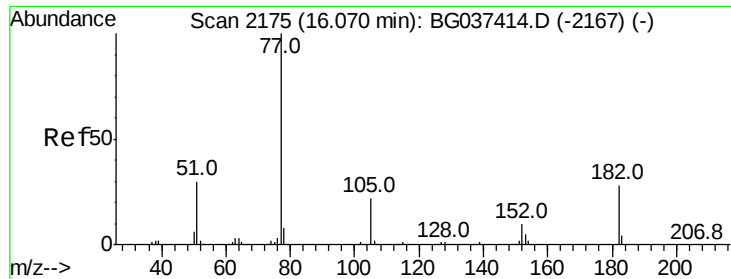
#62
4-Nitroaniline
Concen: 41.484 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion:138 Resp: 124876
Ion Ratio Lower Upper
138 100
92 49.6 36.4 76.4
108 72.9 60.1 100.1



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

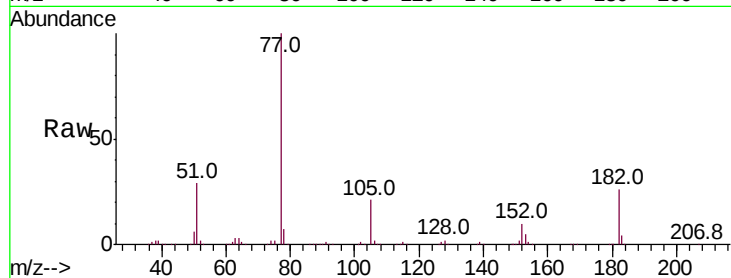




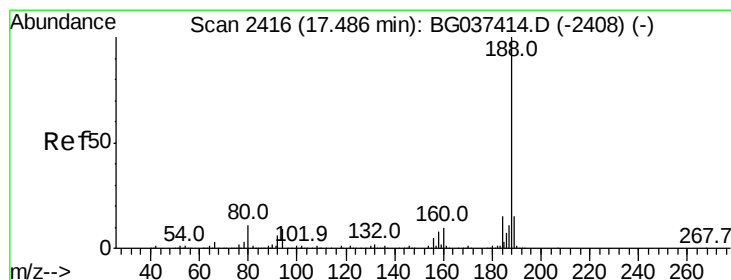
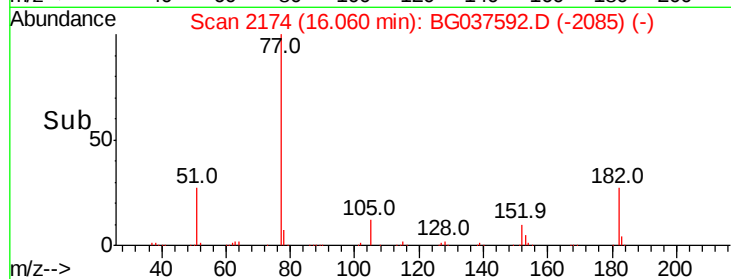
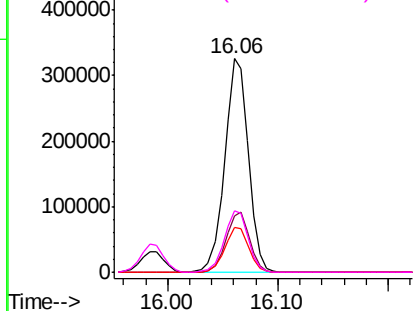
#63
Azobenzene
Concen: 40.133 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB114161BS

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

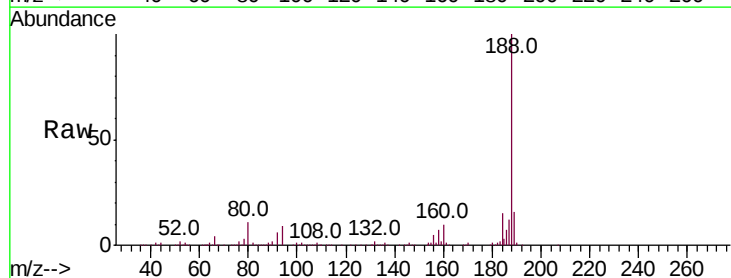


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

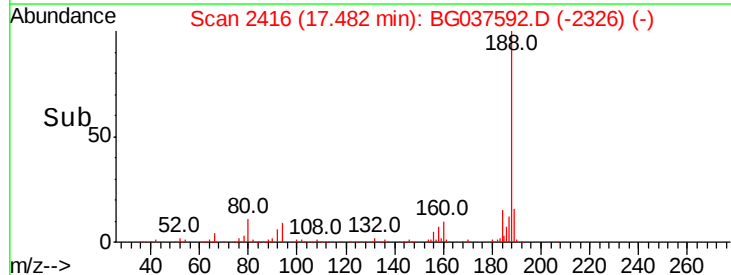
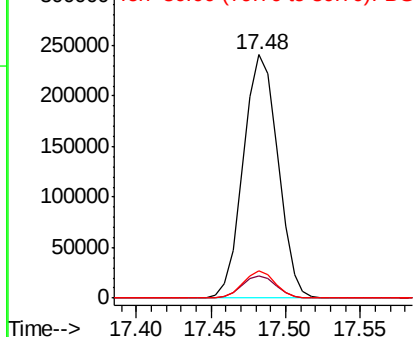


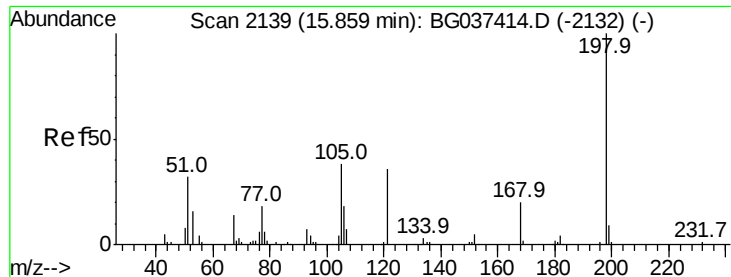
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

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



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

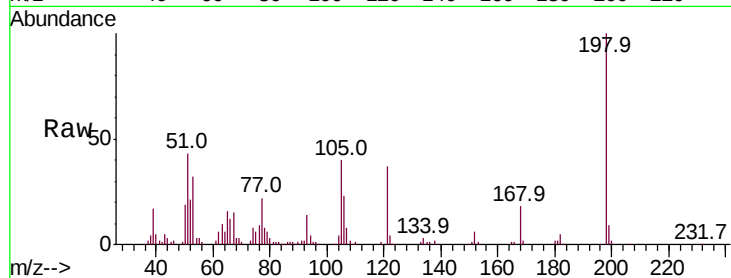




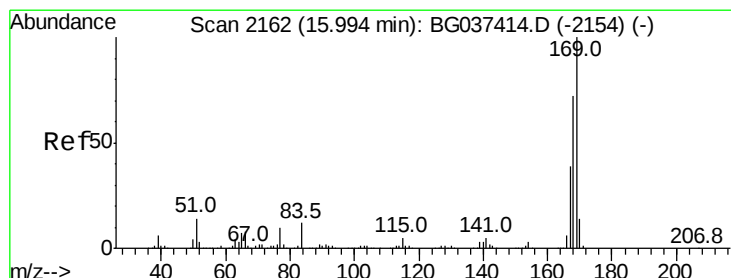
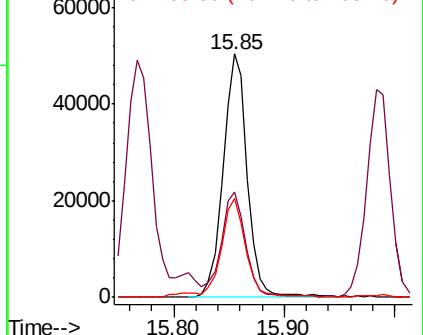
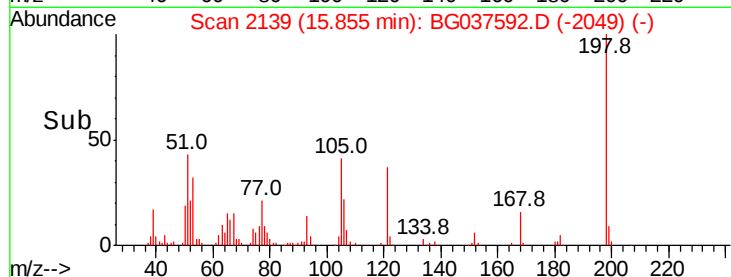
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.603 ng
 RT: 15.85 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion:198 Resp: 76666
 Ion Ratio Lower Upper
 198 100
 51 43.1 22.7 62.7
 105 40.5 19.7 59.7

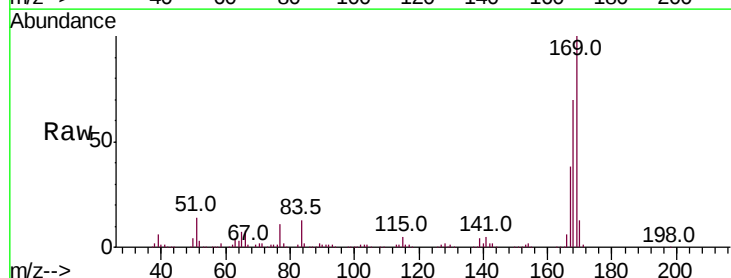


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

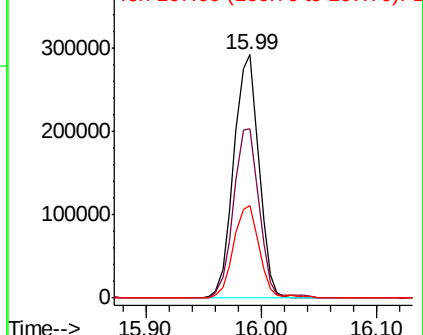
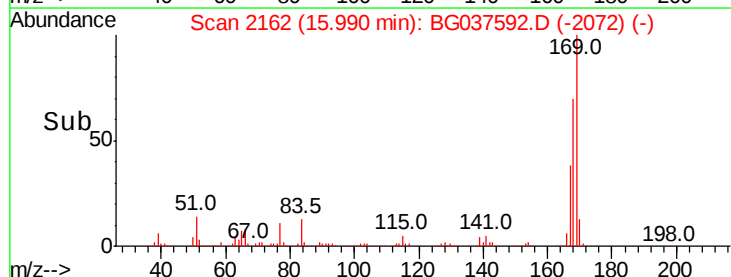


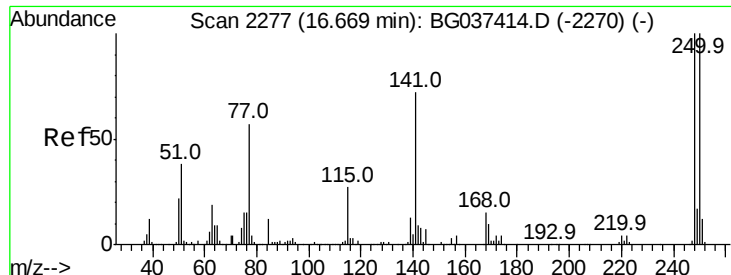
#66
 n-Nitrosodiphenylamine
 Concen: 37.905 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion:169 Resp: 440759
 Ion Ratio Lower Upper
 169 100
 168 69.5 55.7 83.5
 167 38.0 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

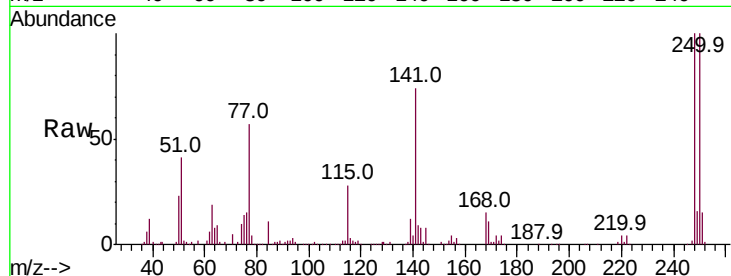




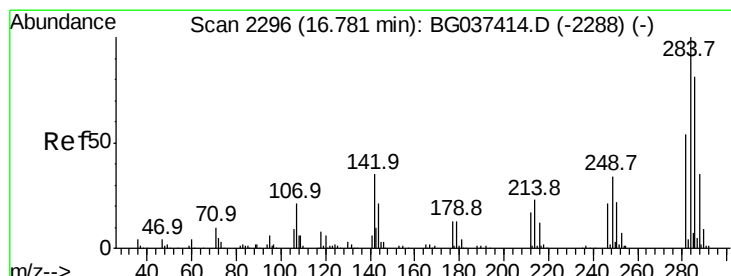
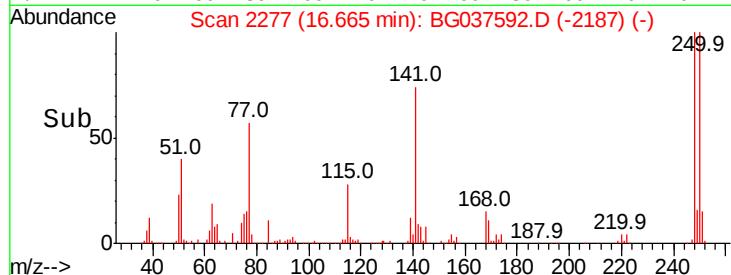
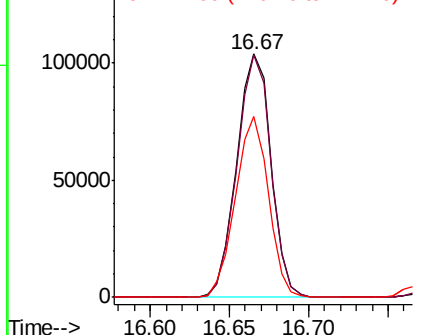
#67
 4-Bromophenyl-phenylether
 Concen: 36.711 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion:248 Resp: 155841
 Ion Ratio Lower Upper
 248 100
 250 99.7 77.0 115.6
 141 74.2 55.5 83.3

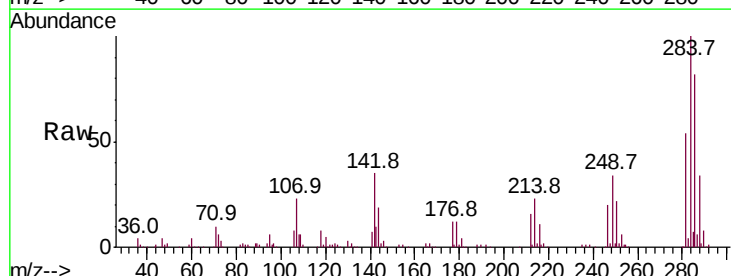


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

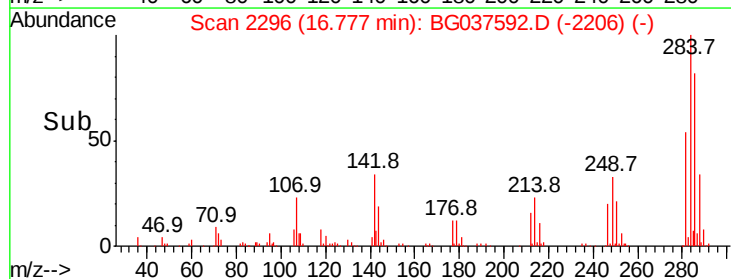
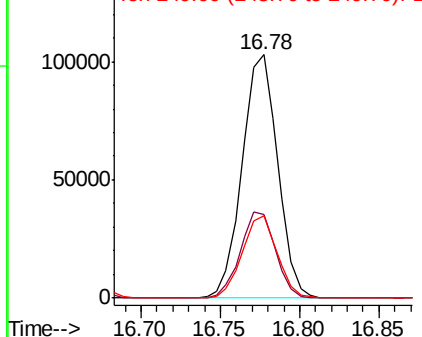


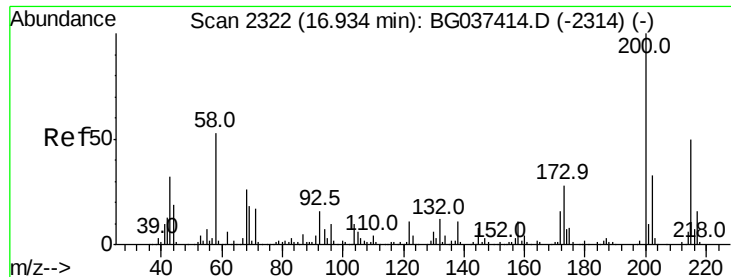
#68
 Hexachlorobenzene
 Concen: 36.379 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion:284 Resp: 160057
 Ion Ratio Lower Upper
 284 100
 142 34.6 28.1 42.1
 249 35.5 29.8 44.8



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

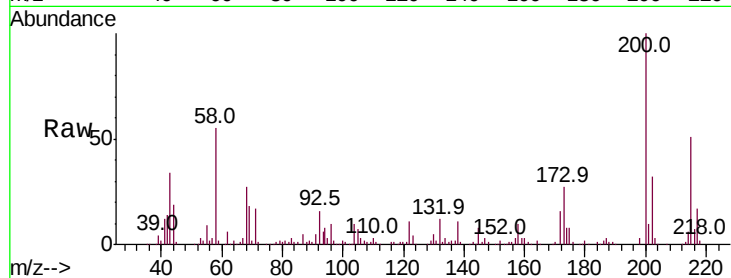




#69
 Atrazine
 Concen: 39.637 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.1	46.1
215	50.7	30.8	70.8

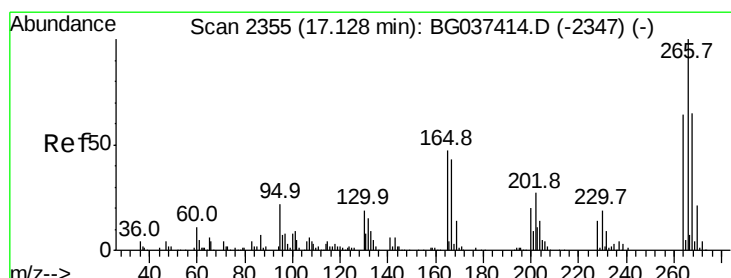
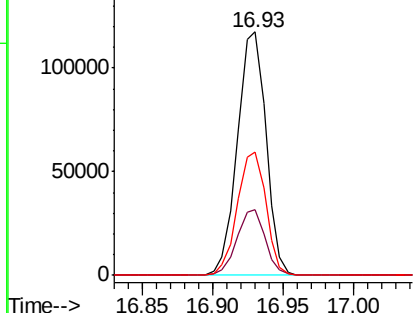
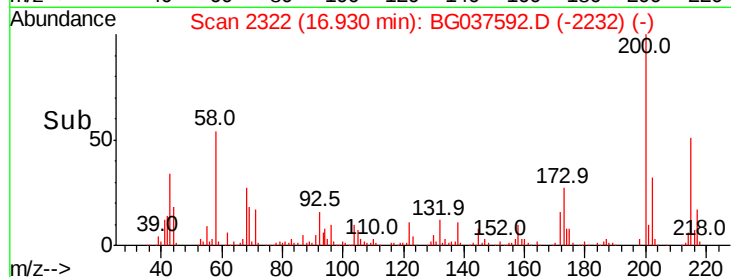


Abundance

Ion 200.00 (199.70 to 200.70): E

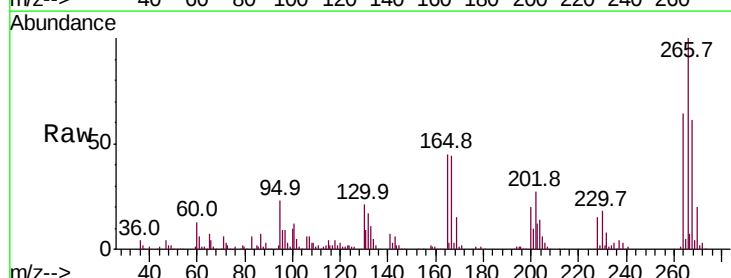
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 65.103 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	55.0	82.6
264	68.5	58.9	88.3

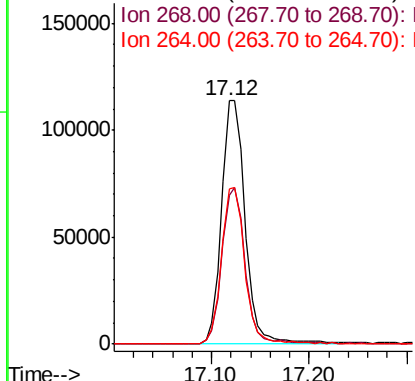
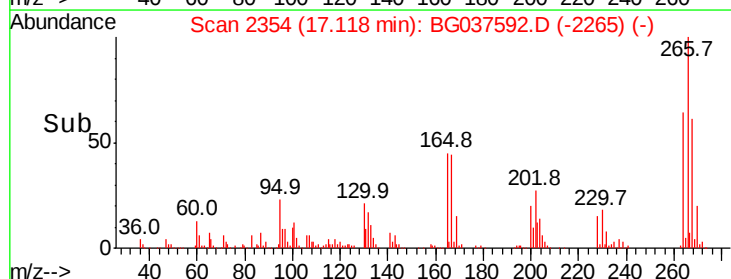


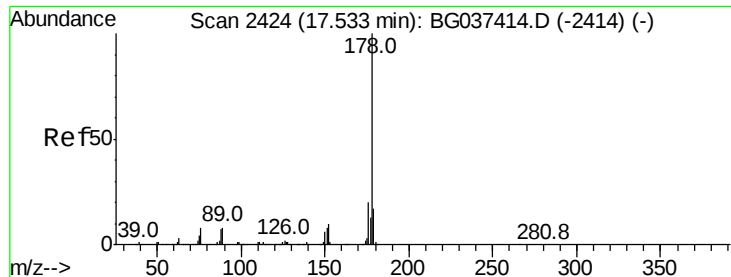
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

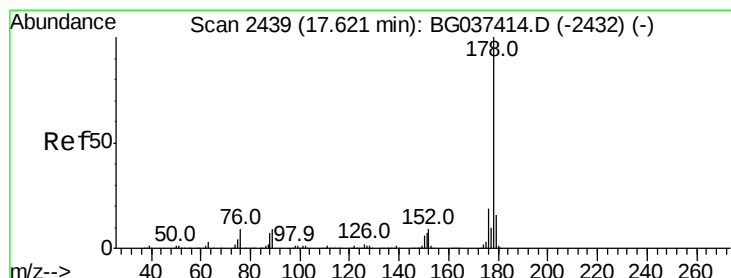
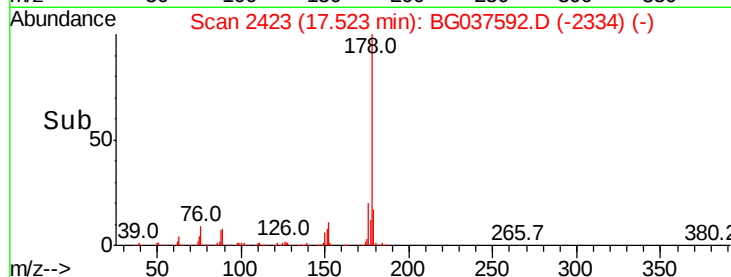
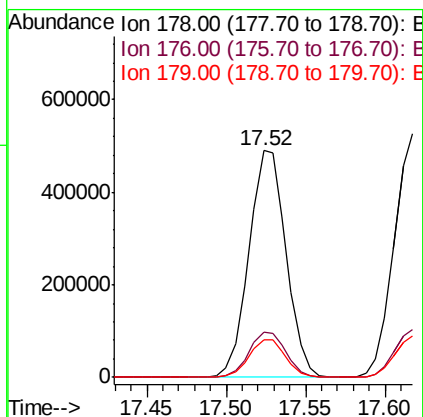
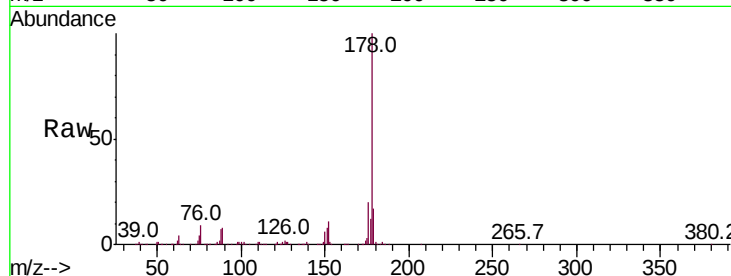




#71
Phenanthrene
Concen: 40.549 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

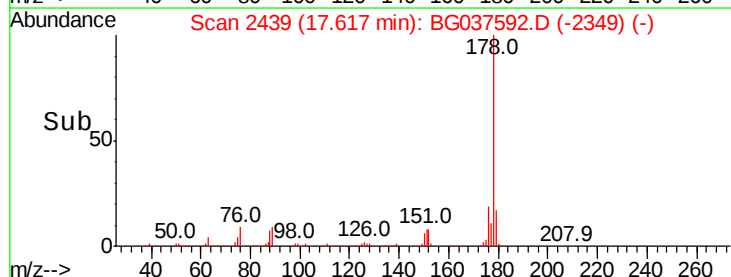
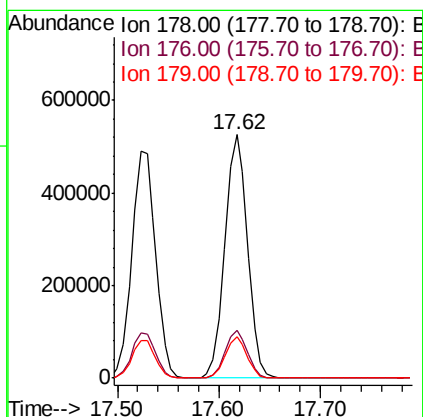
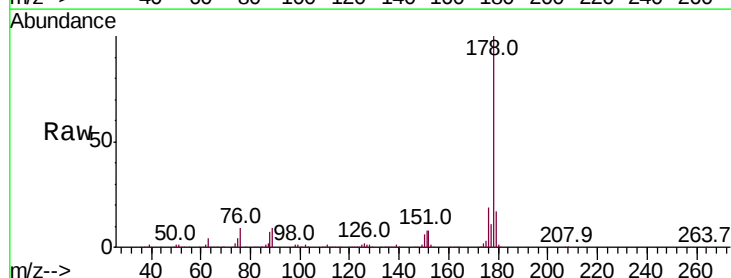
Instrument :
BNA_G
ClientSampleId :
PB114161BS

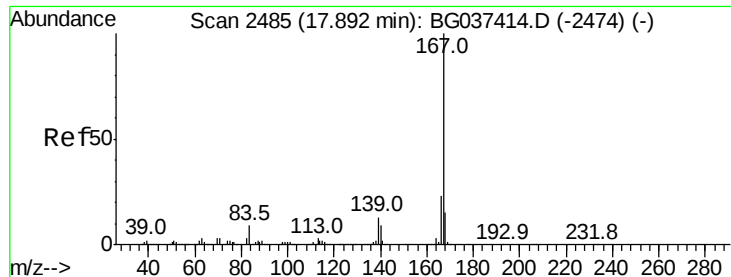
Tot Ion:178 Resp: 796650
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.6 13.0 19.4



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

Tgt Ion:178 Resp: 810951
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.8 12.8 19.2

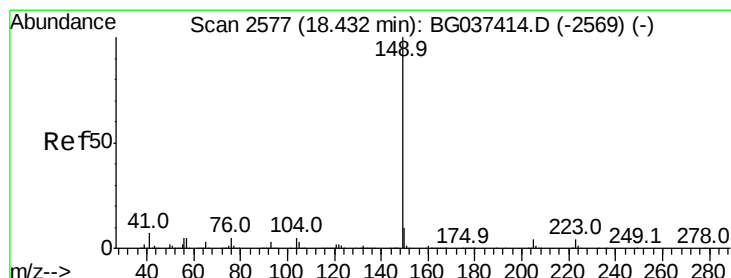
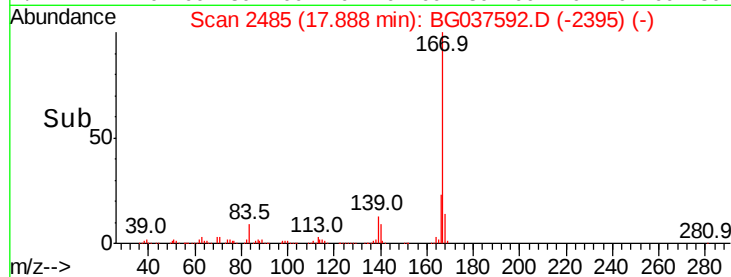
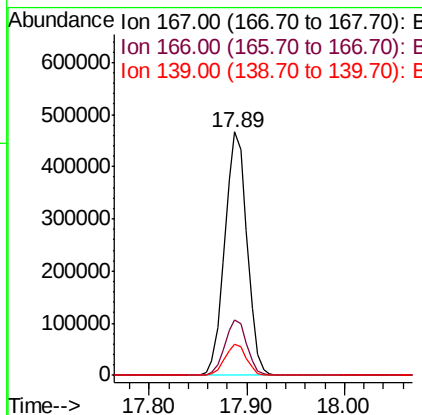
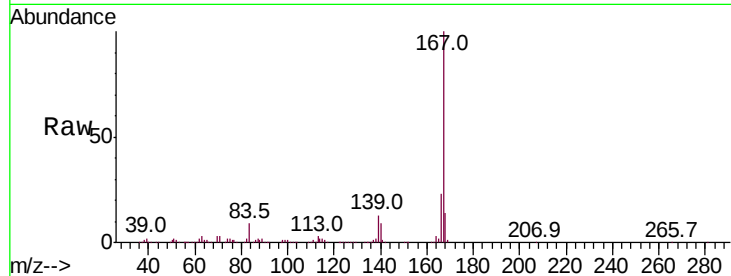




#73
 Carbazole
 Concen: 38.313 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

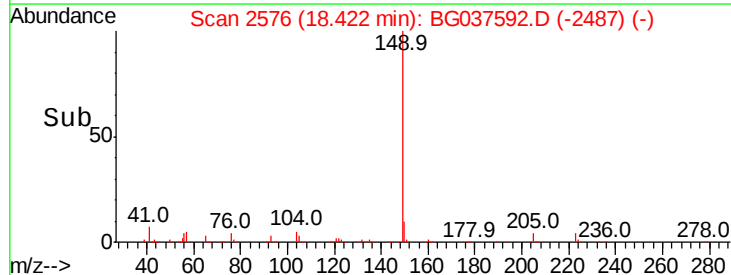
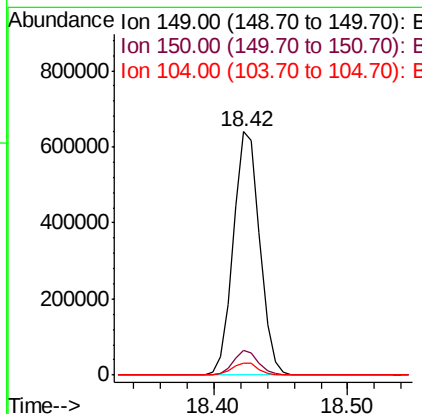
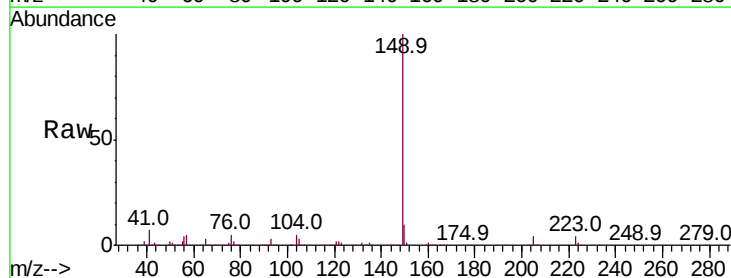
Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

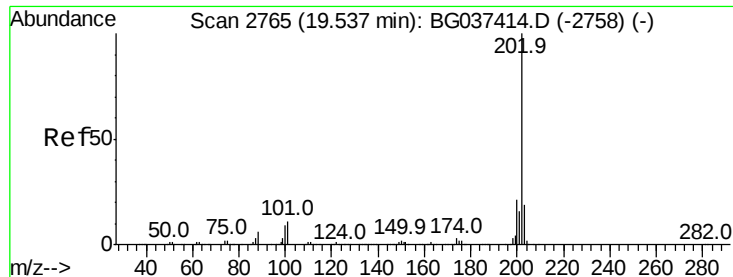
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	12.9	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 41.168 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037592.D
 Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 41.602 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

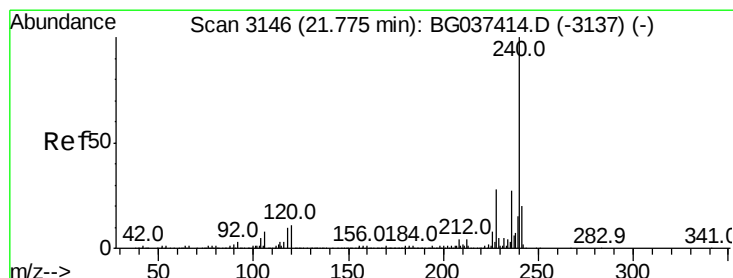
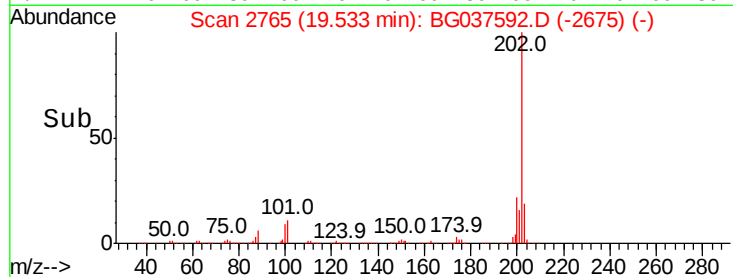
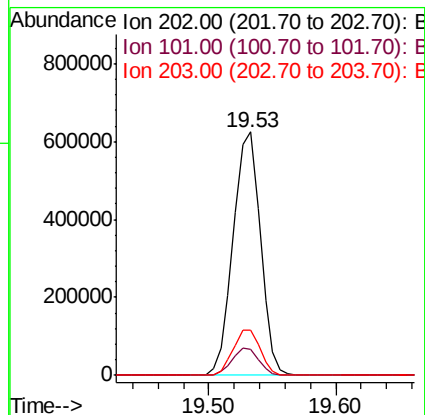
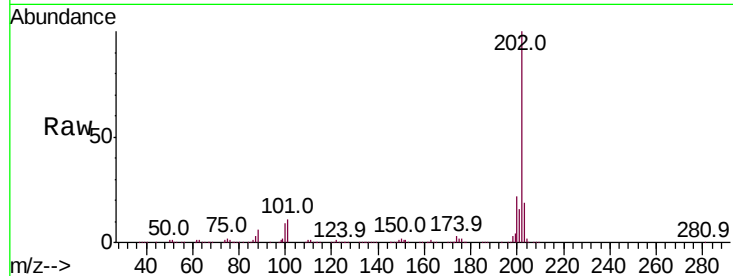
Instrument :

BNA_G

ClientSampleId :

PB114161BS

Tot Ion:	202	Resp:	927021
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.7
203	18.5	0.0	38.5



#76

Chrysene-d12

Concen: 20.000 ng

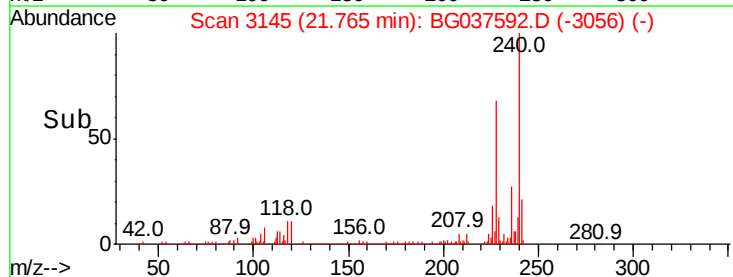
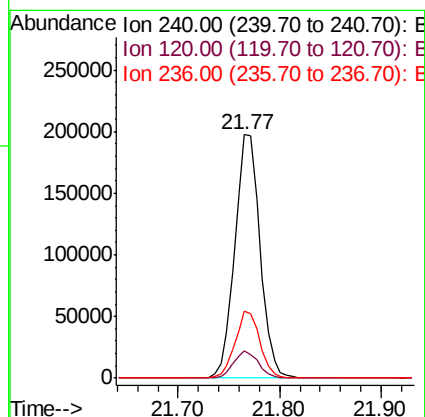
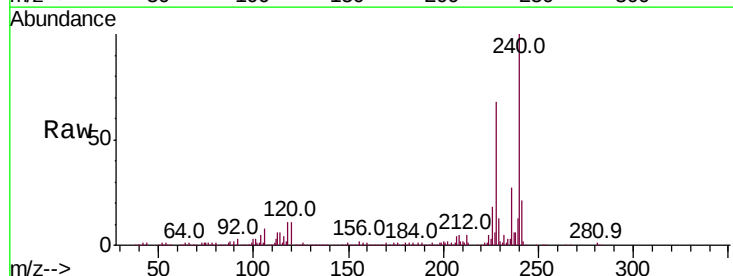
RT: 21.77 min Scan# 3145

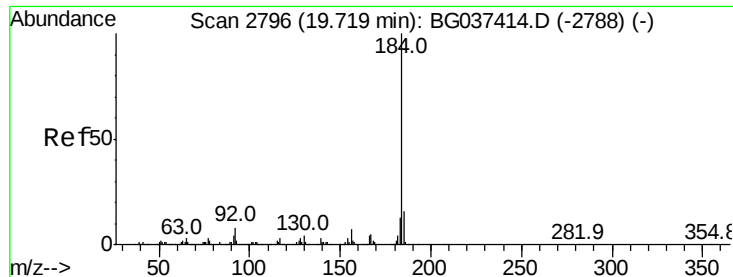
Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Tgt Ion:	240	Resp:	342585
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	27.5	21.4	32.0





#77

Benzidine

Concen: 30.613 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

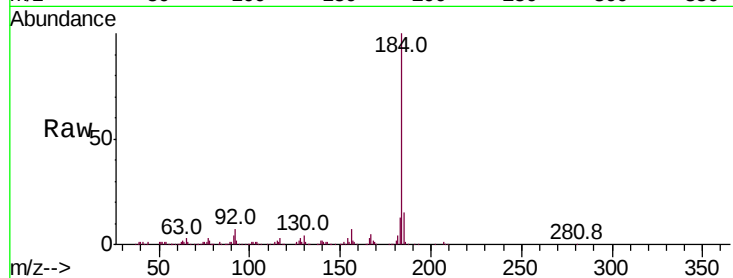
Tot Ion:184 Resp: 356605

Ion Ratio Lower Upper

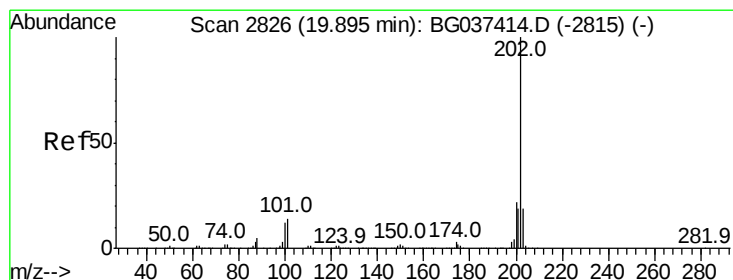
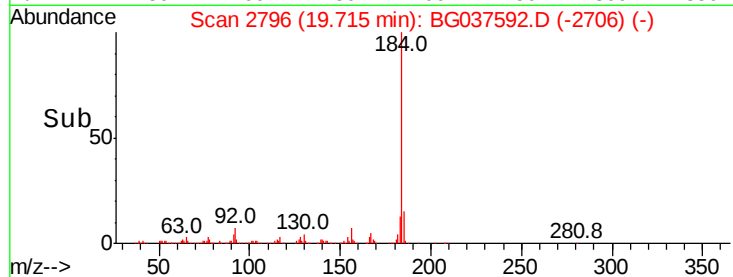
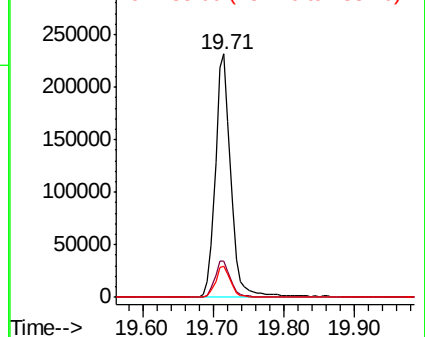
184 100

185 15.0 12.6 18.8

183 12.6 10.2 15.2



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



#78

Pyrene

Concen: 40.731 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

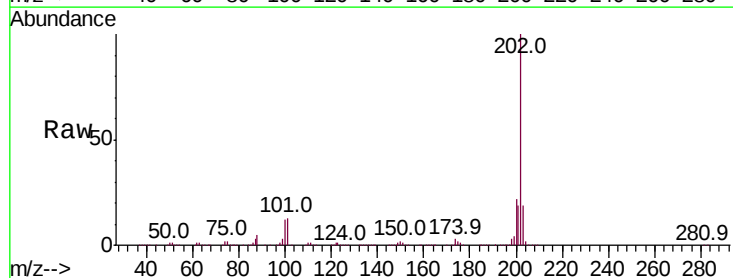
Tgt Ion:202 Resp: 912192

Ion Ratio Lower Upper

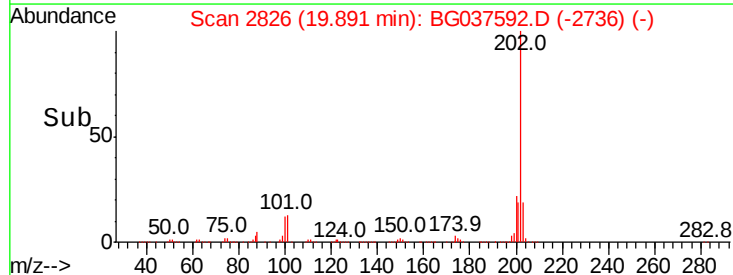
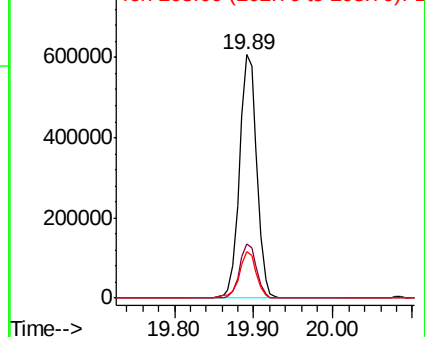
202 100

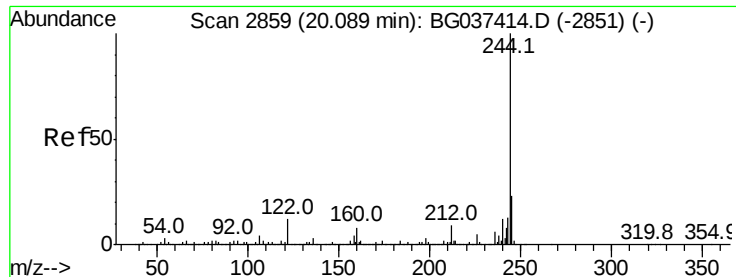
200 22.2 17.8 26.6

203 19.0 15.2 22.8



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





#79

Terphenyl-d14

Concen: 60.356 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

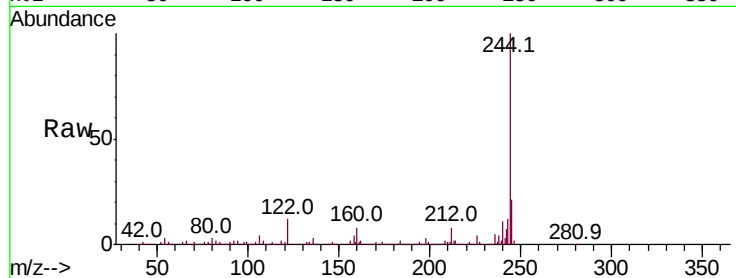
Tot Ion:244 Resp: 967681

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

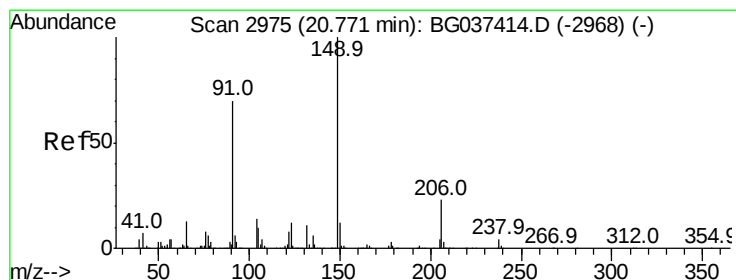
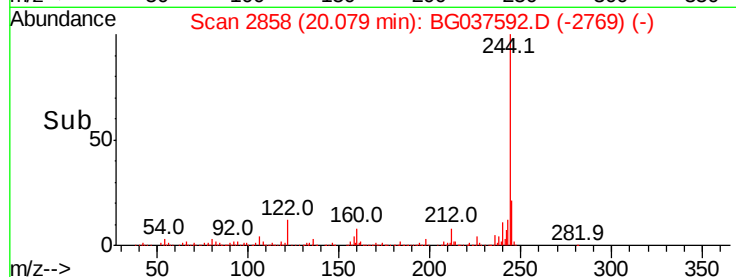
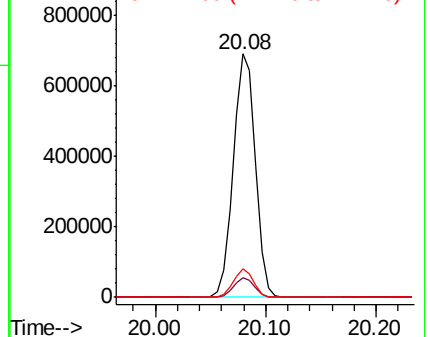
122 11.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.239 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

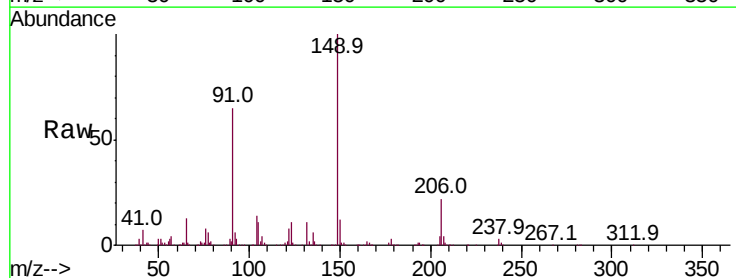
Tgt Ion:149 Resp: 396304

Ion Ratio Lower Upper

149 100

91 65.2 57.0 85.4

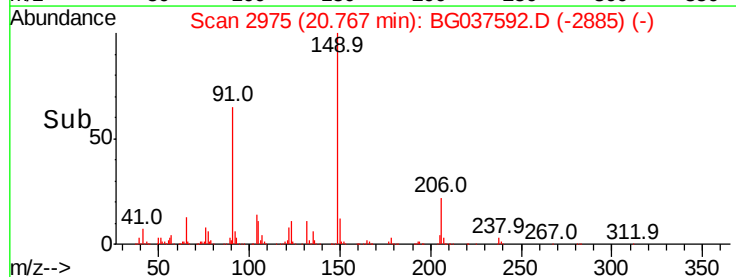
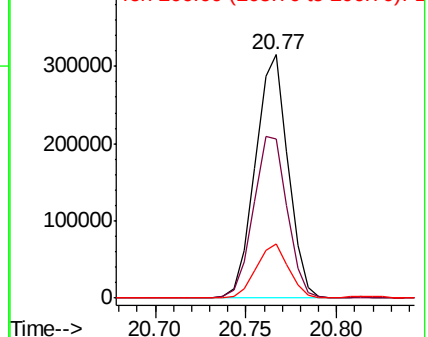
206 22.2 17.8 26.6

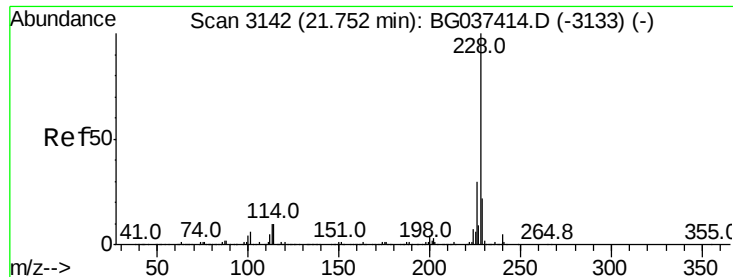


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

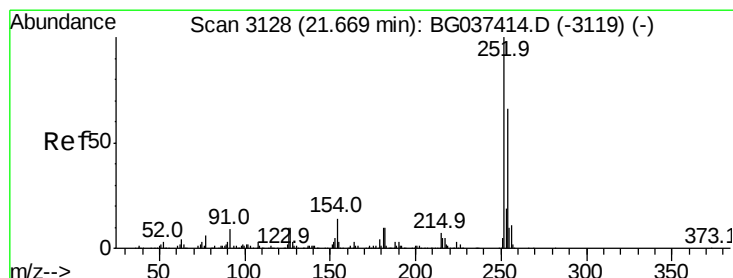
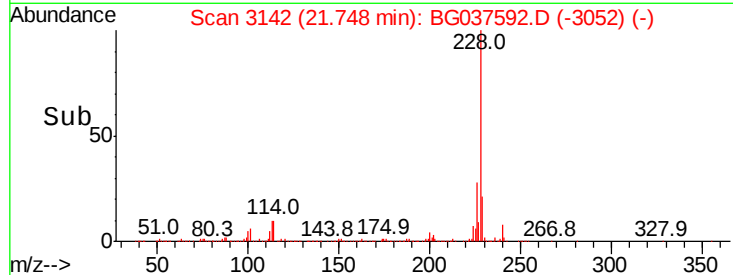
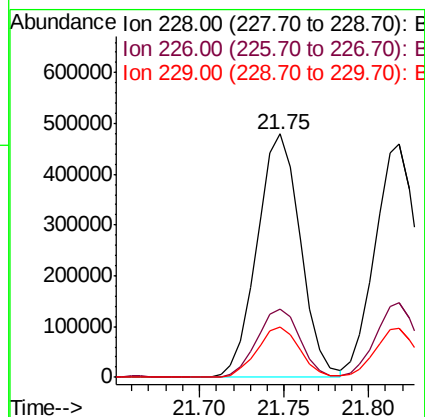
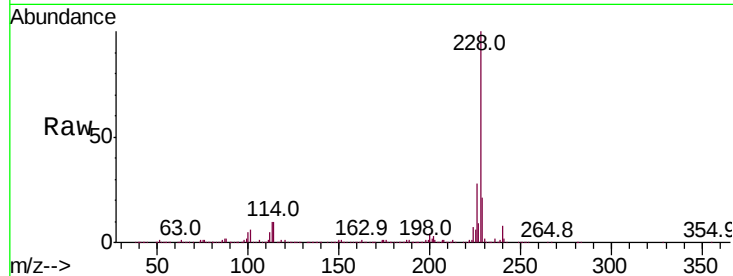




#81
Benzo(a)anthracene
Concen: 42.134 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

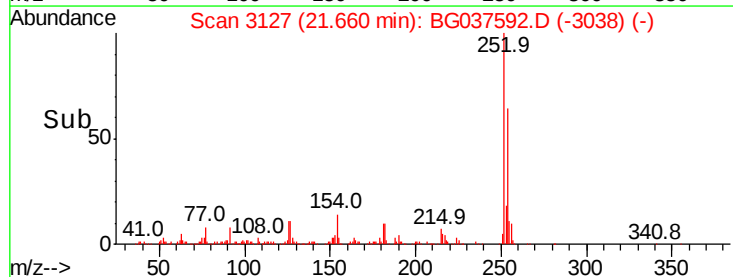
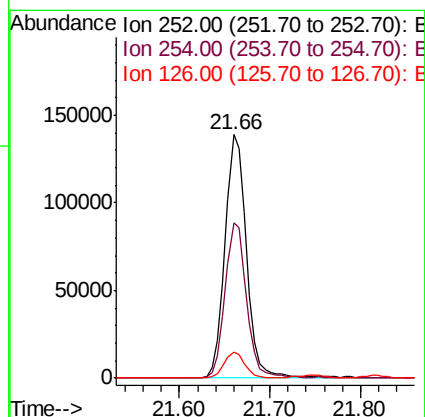
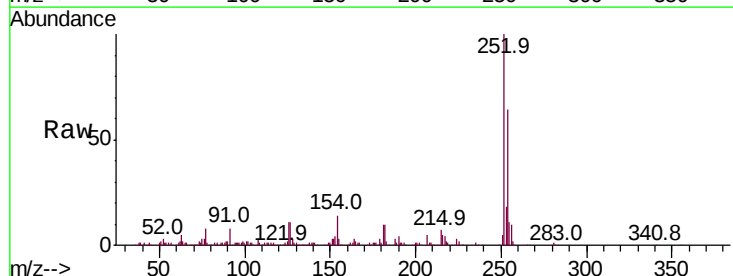
Instrument :
BNA_G
ClientSampleId :
PB114161BS

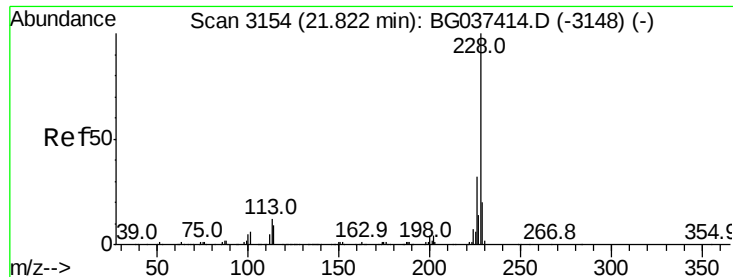
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.8	16.3	24.5



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

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





#83

Chrysene

Concen: 41.018 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

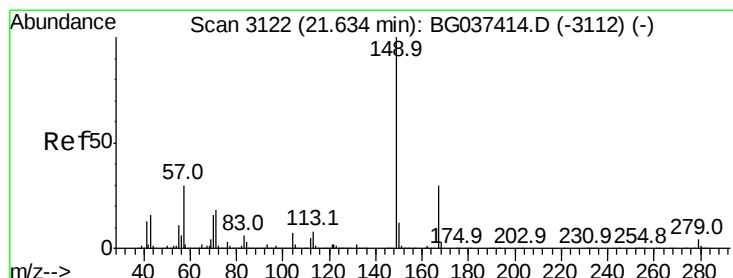
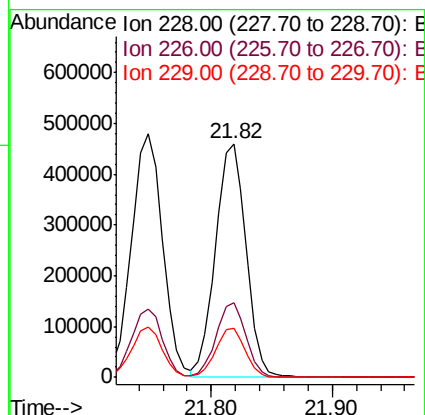
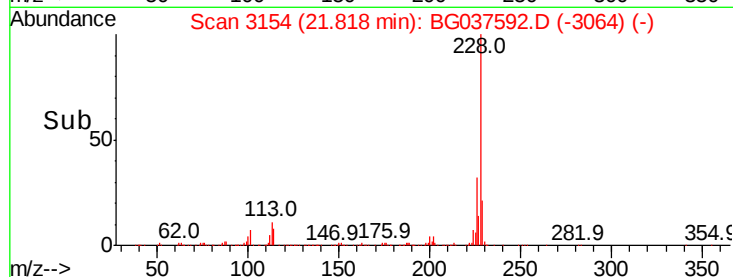
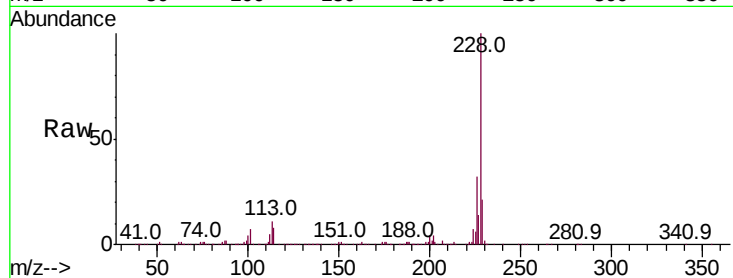
Tot Ion:228 Resp: 799239

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

229 20.8 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.778 ng

RT: 21.62 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

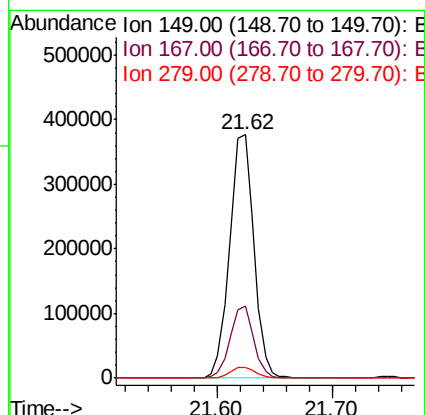
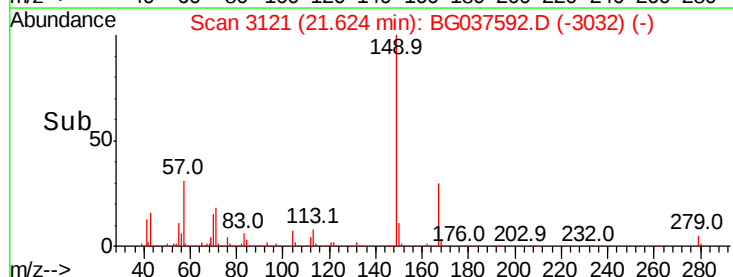
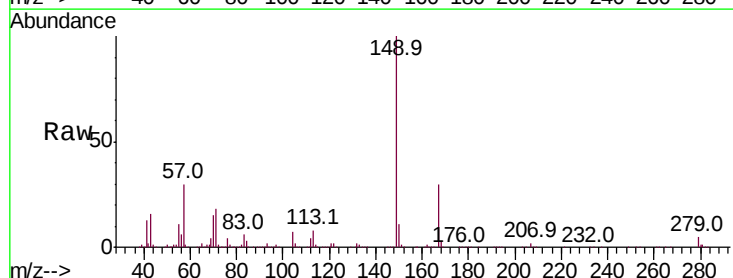
Tgt Ion:149 Resp: 549587

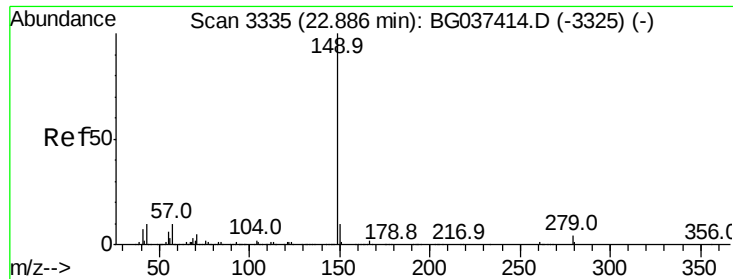
Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.373 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

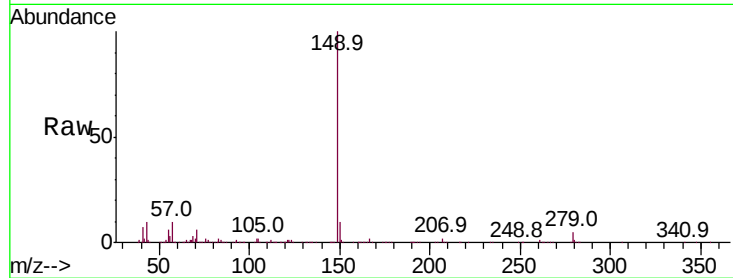
Tot Ion:149 Resp: 929599

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

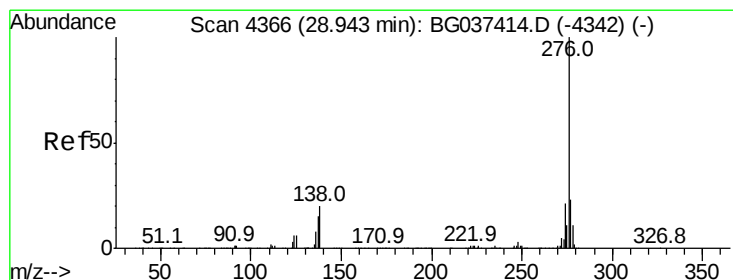
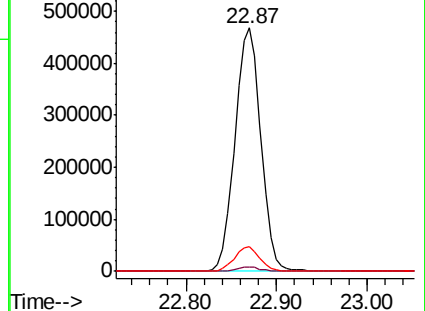
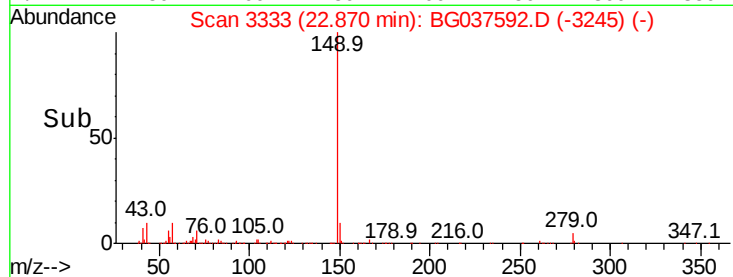
43 9.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.336 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

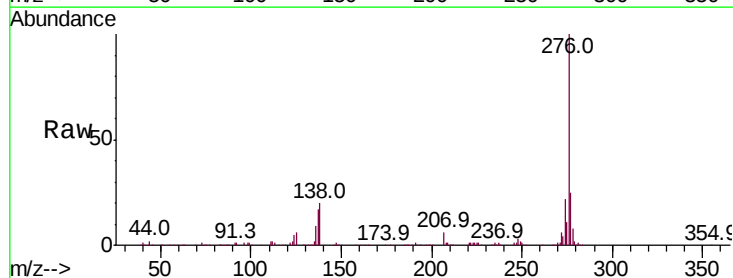
Tgt Ion:276 Resp: 863865

Ion Ratio Lower Upper

276 100

138 16.0 12.0 18.0

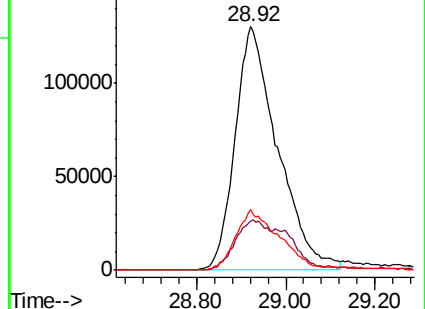
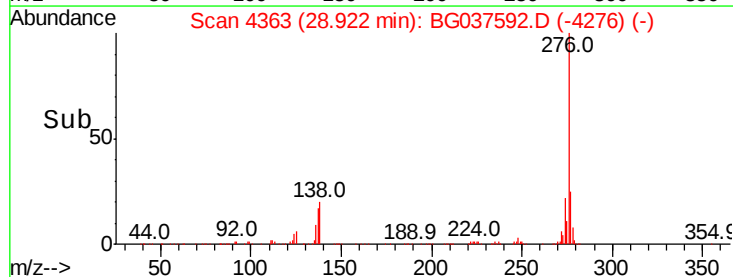
277 25.3 20.6 30.8

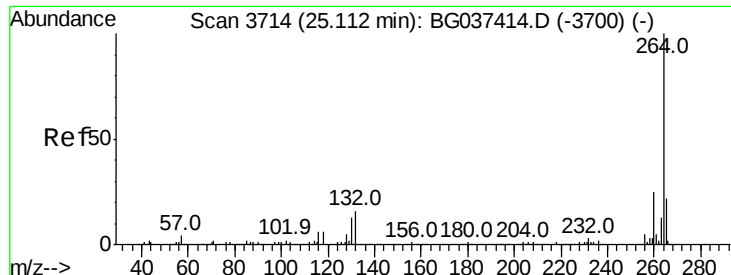


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

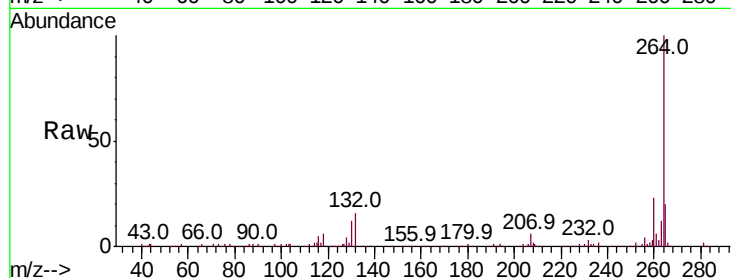
Tot Ion:264 Resp: 358562

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

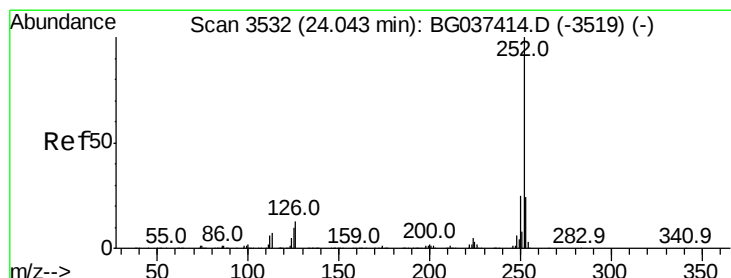
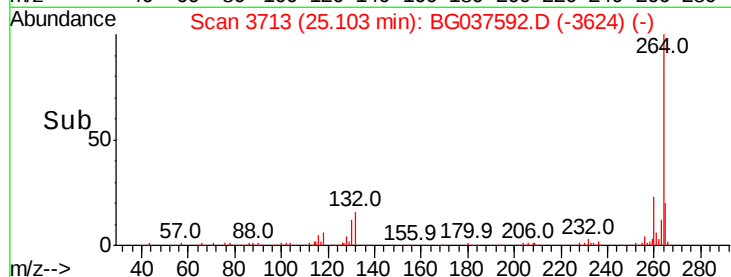
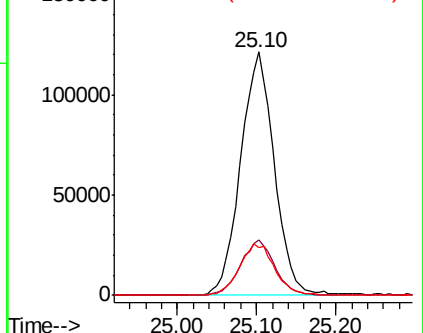
265 19.8 17.9 26.9



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: 42.654 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

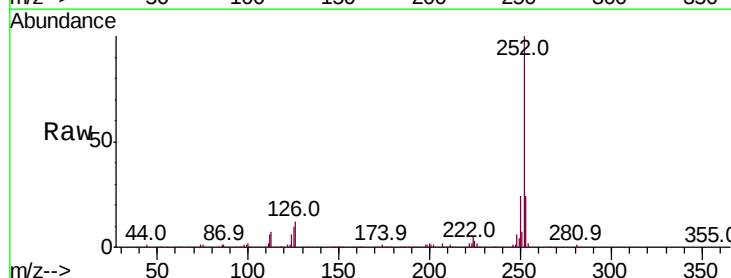
Tgt Ion:252 Resp: 838471

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

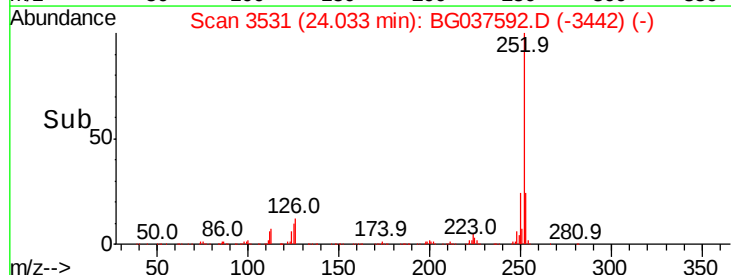
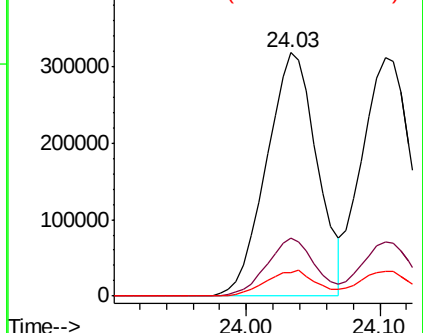
125 9.9 7.8 11.6

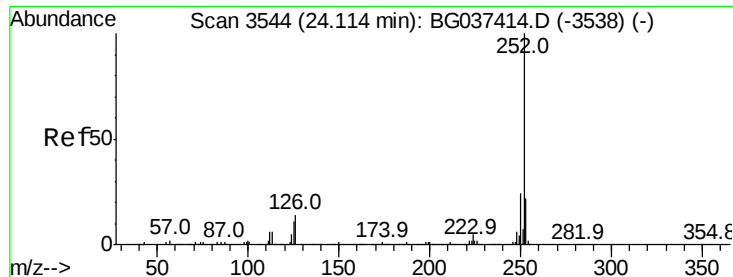


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

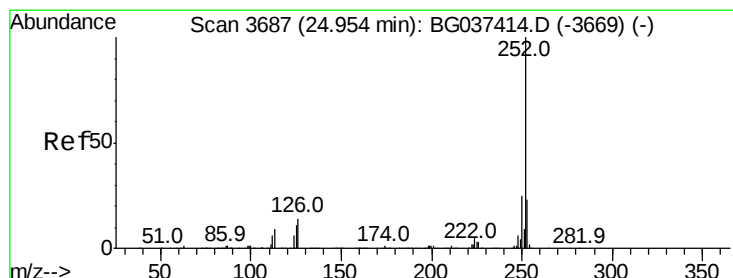
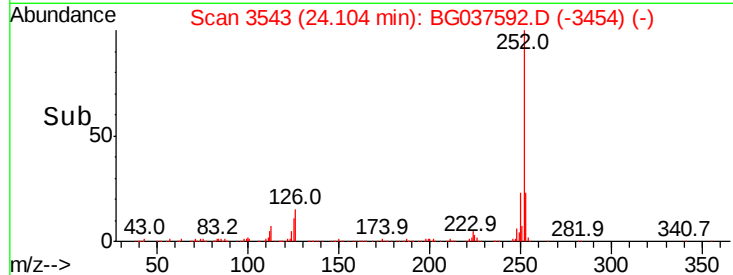
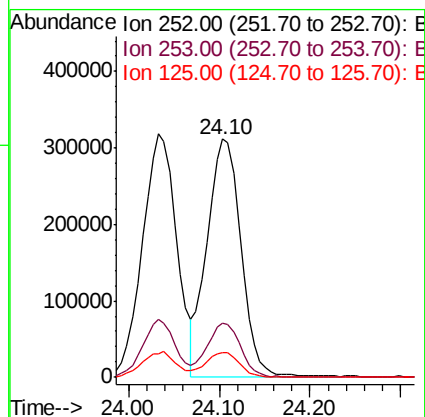
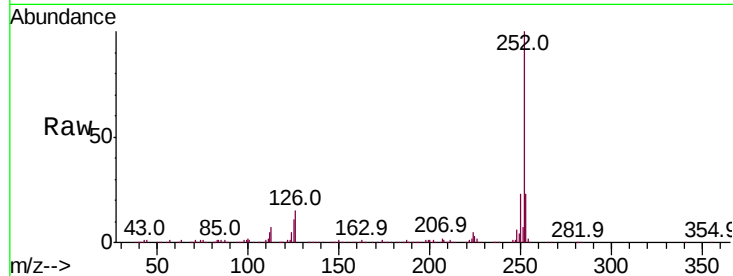




#89
Benzo(k)fluoranthene
Concen: 41.954 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

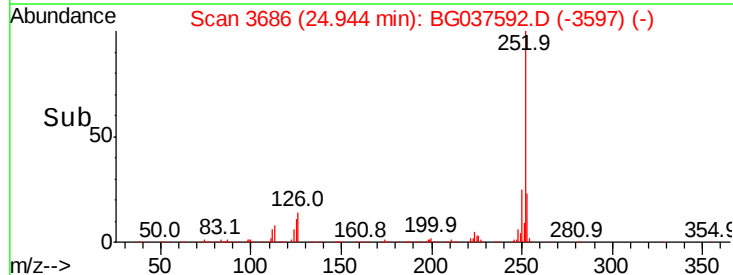
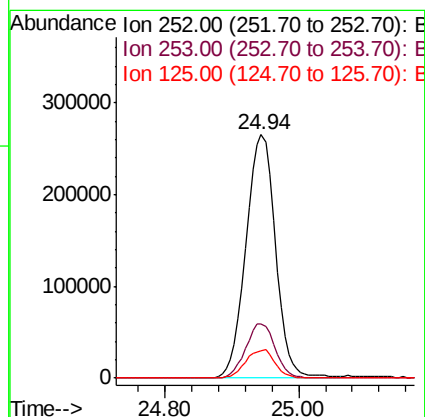
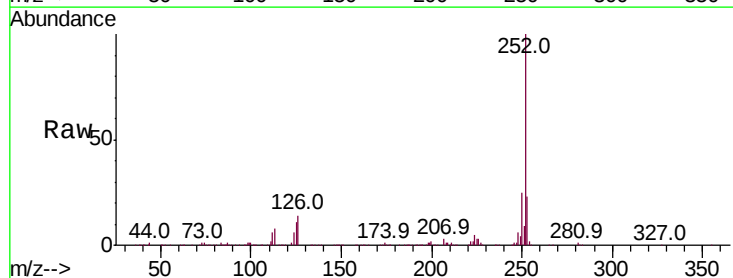
Instrument :
BNA_G
ClientSampleId :
PB114161BS

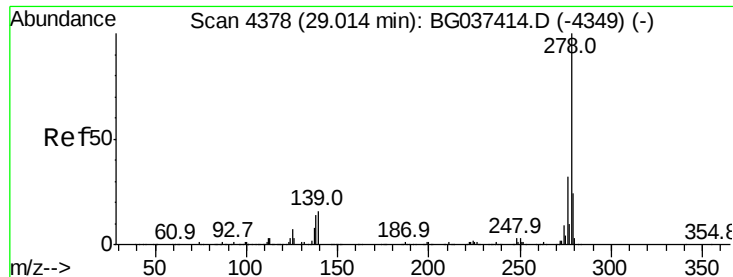
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.6	7.4	11.0



#90
Benzo(a)pyrene
Concen: 43.081 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037592.D
Acq: 26 Oct 2018 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.4	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.172 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB114161BS

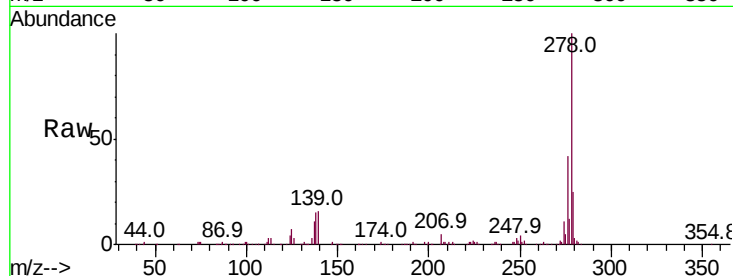
Tot Ion:278 Resp: 709414

Ion Ratio Lower Upper

278 100

139 16.1 11.5 17.3

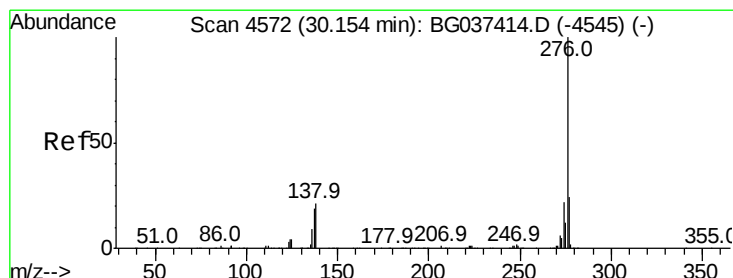
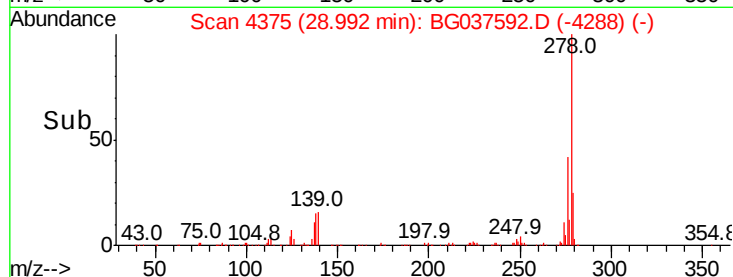
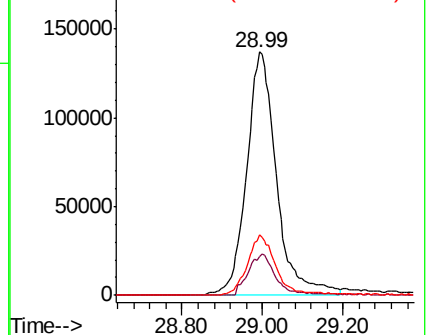
279 24.8 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.533 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG037592.D

Acq: 26 Oct 2018 22:25

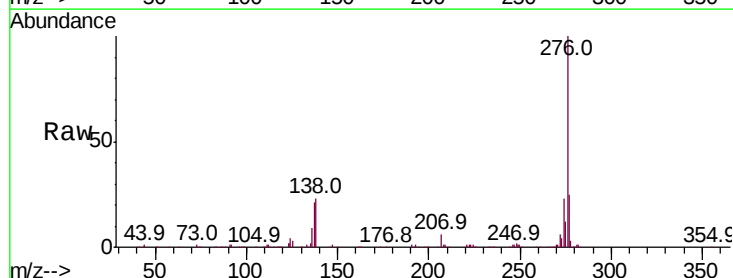
Tgt Ion:276 Resp: 723998

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 23.3 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

