

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037593.D
 Acq On : 26 Oct 2018 23:04
 Operator : JU/SJ
 Sample : PB114204BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

Quant Time: Oct 27 03:41:39 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	52141	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	242071	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166369	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	405422	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363747	20.00	ng	0.00
87) Perylene-d12	25.10	264	377251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	445865	142.96	ng	0.00
7) Phenol-d6	7.25	99	620635	131.60	ng	0.00
23) Nitrobenzene-d5	9.28	82	322893	74.72	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	235108	129.57	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	801417	72.64	ng	0.00
79) Terphenyl-d14	20.08	244	1021140	59.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	47195	29.840	ng	96
3) Pyridine	3.93	79	137786	34.564	ng	96
4) n-Nitrosodimethylamine	3.85	42	59291	41.758	ng	# 94
6) Aniline	7.42	93	180466	31.368	ng	99
8) 2-Chlorophenol	7.66	128	159487	43.713	ng	99
9) Benzaldehyde	7.24	77	74707	25.324	ng	95
10) Phenol	7.28	94	213873	42.982	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	141864	37.539	ng	96
12) 1,3-Dichlorobenzene	7.99	146	154685	38.083	ng	96
13) 1,4-Dichlorobenzene	8.14	146	156686	37.712	ng	98
14) 1,2-Dichlorobenzene	8.46	146	150661	37.697	ng	97
15) Benzyl Alcohol	8.34	79	142840	40.992	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.62	45	257279	38.048	ng	97
17) 2-Methylphenol	8.53	107	143783	43.708	ng	98
18) Hexachloroethane	9.19	117	55350	39.077	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	120541	37.119	ng	95
20) 3+4-Methylphenols	8.86	107	202699	43.098	ng	97
22) Acetophenone	8.93	105	233859	38.520	ng	# 97
24) Nitrobenzene	9.32	77	176926	39.412	ng	95
25) Isophorone	9.84	82	347325	43.990	ng	97
26) 2-Nitrophenol	10.03	139	86929	42.985	ng	98
27) 2,4-Dimethylphenol	10.07	122	173139	47.950	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	211226	40.832	ng	97
29) 2,4-Dichlorophenol	10.56	162	171271	42.602	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	160513	36.714	ng	98
31) Naphthalene	10.97	128	488398	41.077	ng	99
32) Benzoic acid	10.20	122	121070	51.624	ng	98
33) 4-Chloroaniline	11.08	127	127116	22.754	ng	94
34) Hexachlorobutadiene	11.24	225	92821	35.822	ng	98
35) Caprolactam	11.87	113	67233	41.698	ng	92
36) 4-Chloro-3-methylphenol	12.19	107	192143	42.379	ng	99
37) 2-Methylnaphthalene	12.57	142	379444	43.779	ng	98
38) 1-Methylnaphthalene	12.79	142	354096	42.068	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	192508	35.873	ng	98

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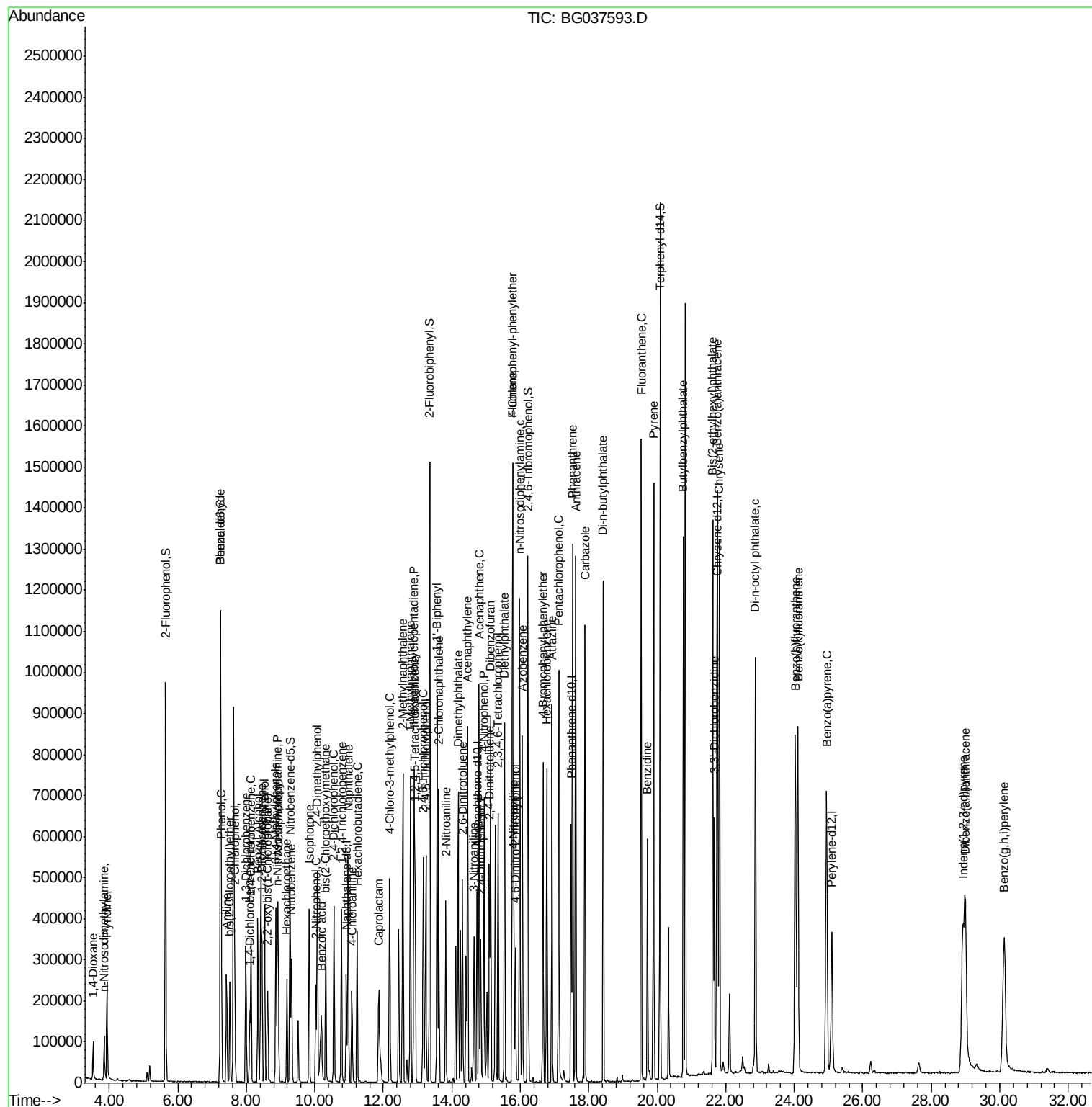
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	226688	88.434	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	149531	41.709	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	163692	41.936	ng	98
46) 1,1'-Biphenyl	13.57	154	493854	35.843	ng	98
47) 2-Chloronaphthalene	13.62	162	389304	37.347	ng	98
48) 2-Nitroaniline	13.83	65	132962	42.063	ng	94
49) Acenaphthylene	14.46	152	660426	42.118	ng	99
50) Dimethylphthalate	14.19	163	519562	40.368	ng	100
51) 2,6-Dinitrotoluene	14.32	165	116842	41.037	ng	97
52) Acenaphthene	14.80	154	384181	39.783	ng	99
53) 3-Nitroaniline	14.65	138	98749	31.242	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	91764	75.453	ng	97
55) Dibenzofuran	15.13	168	621821	38.864	ng	99
56) 4-Nitrophenol	14.94	139	202683	86.630	ng	99
57) 2,4-Dinitrotoluene	15.10	165	166131	44.450	ng	97
58) Fluorene	15.78	166	504146	42.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143733	43.007	ng	98
60) Diethylphthalate	15.54	149	535769	40.547	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	263990	37.801	ng	97
62) 4-Nitroaniline	15.81	138	132423	42.162	ng	91
63) Azobenzene	16.06	77	506464	40.172	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	81201	39.910	ng	97
66) n-Nitrosodiphenylamine	15.99	169	465940	38.207	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	166245	37.340	ng	97
68) Hexachlorobenzene	16.77	284	168473	36.511	ng	98
69) Atrazine	16.93	200	176109	39.941	ng	99
70) Pentachlorophenol	17.12	266	202332	65.462	ng	97
71) Phenanthrene	17.52	178	840252	40.779	ng	100
72) Anthracene	17.62	178	859856	42.523	ng	97
73) Carbazole	17.89	167	781258	38.625	ng	99
74) Di-n-butylphthalate	18.42	149	922112	40.982	ng	99
75) Fluoranthene	19.53	202	974083	41.681	ng	98
77) Benzidine	19.71	184	381698	30.861	ng	99
78) Pyrene	19.89	202	970177	40.800	ng	100
80) Butylbenzylphthalate	20.76	149	415515	42.697	ng	99
81) Benzo(a)anthracene	21.75	228	898878	41.779	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	246720	29.585	ng	100
83) Chrysene	21.81	228	834491	40.336	ng	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	578309	42.395	ng	98
85) Di-n-octyl phthalate	22.87	149	976185	43.885	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	919251	41.427	ng	99
88) Benzo(b)fluoranthene	24.03	252	885957	42.836	ng	99
89) Benzo(k)fluoranthene	24.10	252	842808	41.593	ng	97
90) Benzo(a)pyrene	24.95	252	858042	43.660	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	731879	40.372	ng	97
92) Benzo(g,h,i)perylene	30.14	276	738820	40.283	ng	98

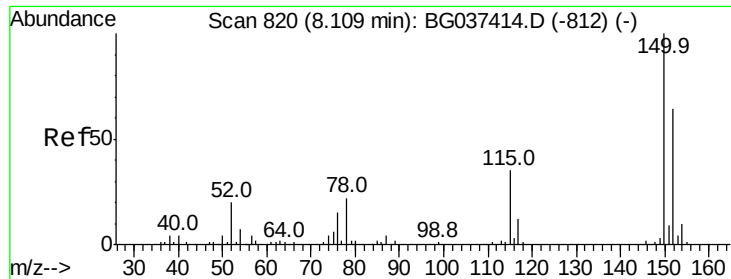
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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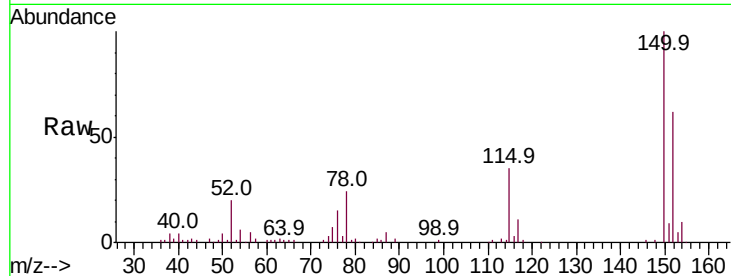


#1

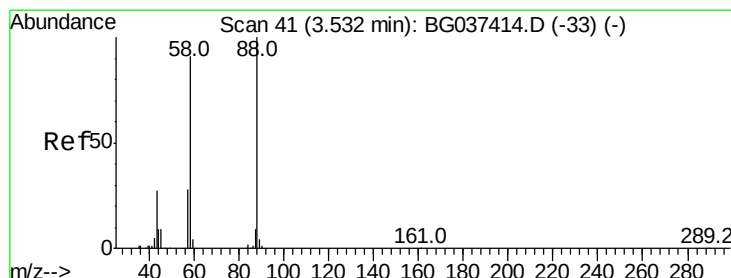
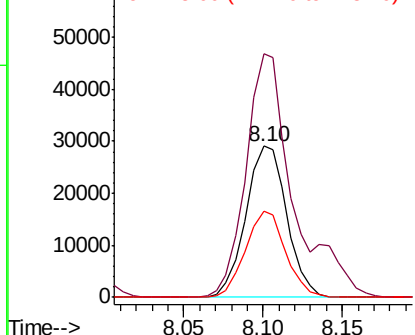
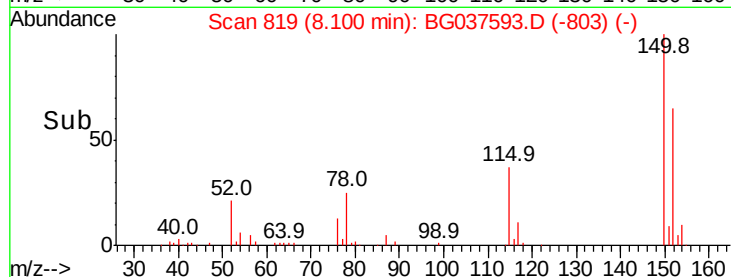
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:152 Resp: 52141
Ion Ratio Lower Upper
152 100
150 161.2 126.0 189.0
115 56.7 45.5 68.3



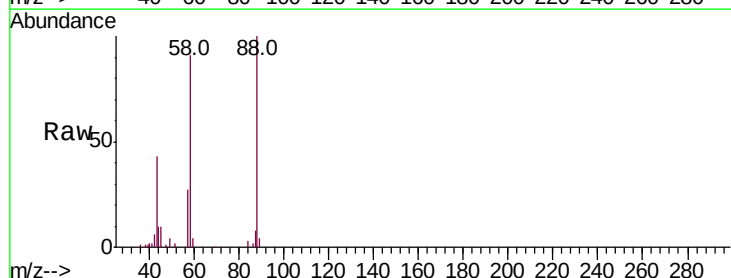
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



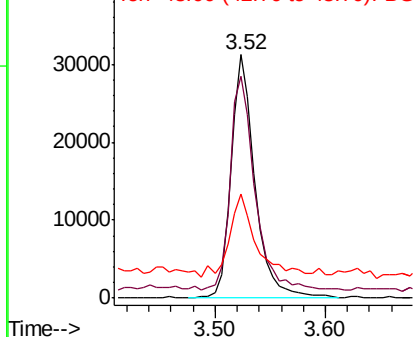
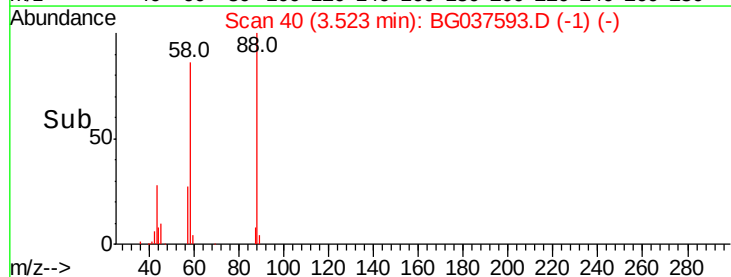
#2

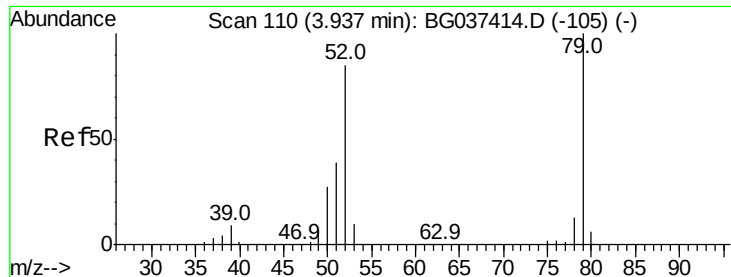
1,4-Dioxane
Concen: 29.840 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion: 88 Resp: 47195
Ion Ratio Lower Upper
88 100
58 91.4 74.4 111.6
43 38.0 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: 34.564 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

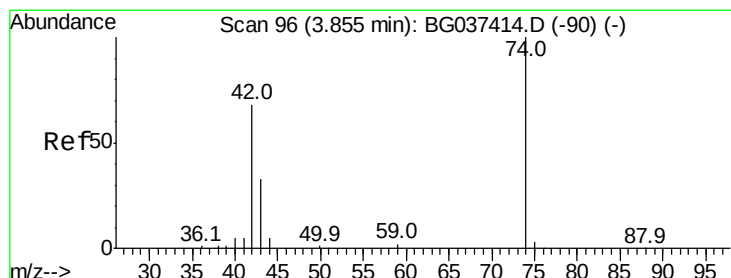
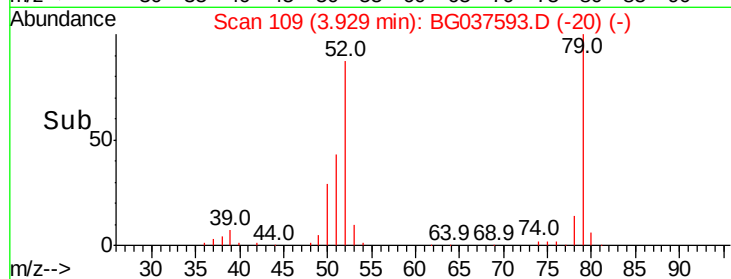
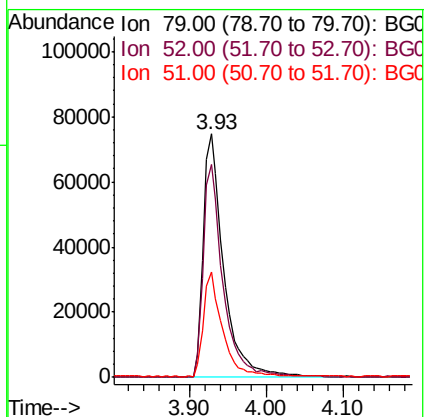
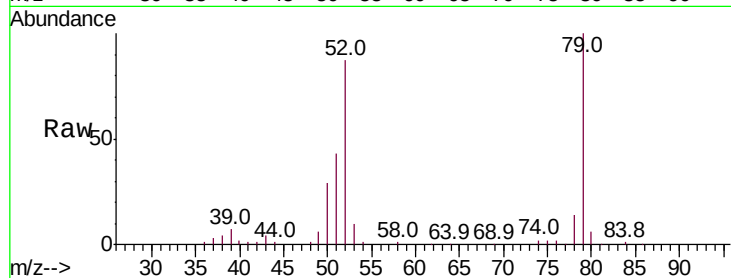
Tot Ion: 79 Resp: 137786

Ion Ratio Lower Upper

79 100

52 87.2 74.2 111.2

51 43.3 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.758 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

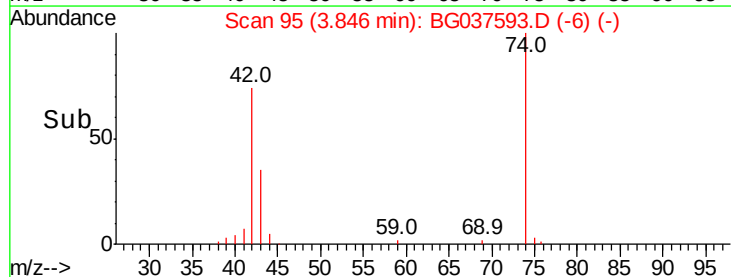
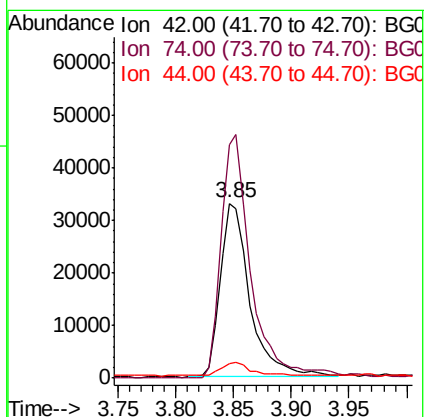
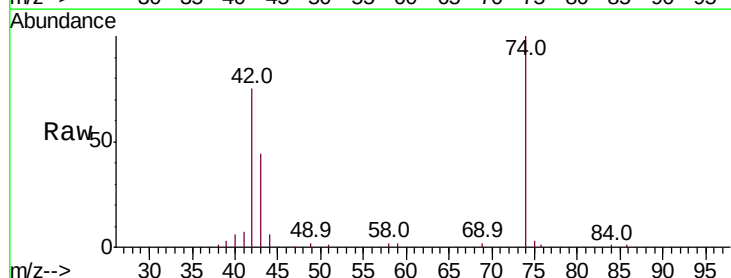
Tgt Ion: 42 Resp: 59291

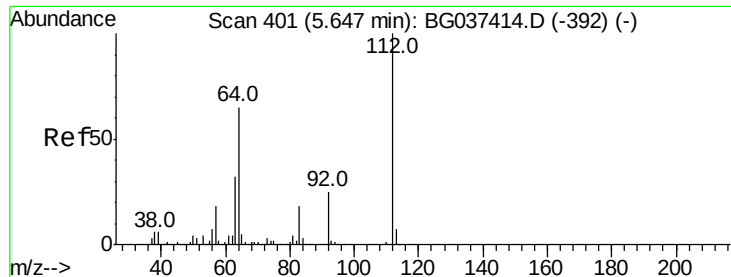
Ion Ratio Lower Upper

42 100

74 133.8 102.0 153.0

44 8.5 9.6 14.4#





#5

2-Fluorophenol

Concen: 142.963 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

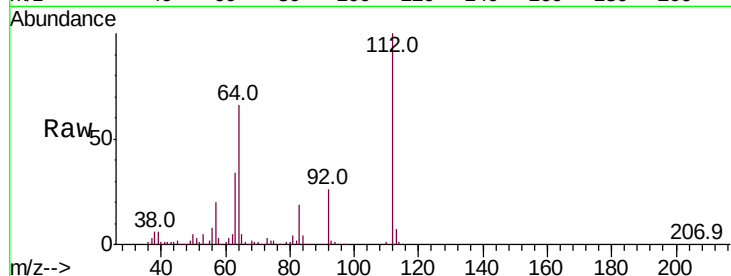
Tot Ion:112 Resp: 445865

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

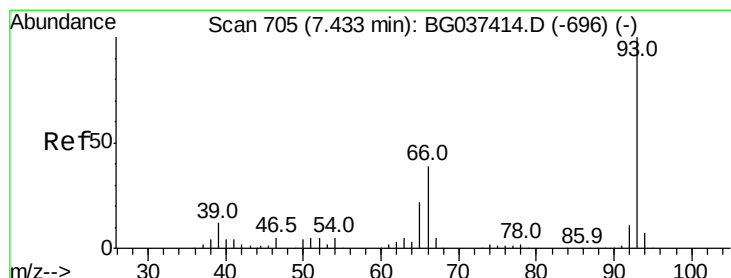
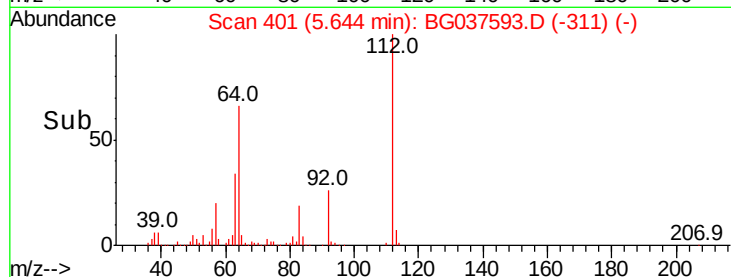
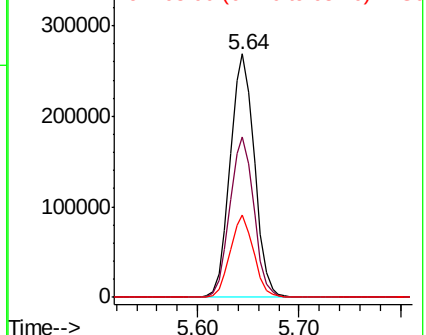
63 33.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.368 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

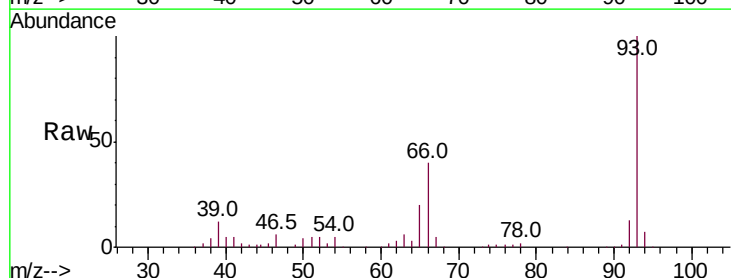
Tgt Ion: 93 Resp: 180466

Ion Ratio Lower Upper

93 100

66 40.2 32.8 49.2

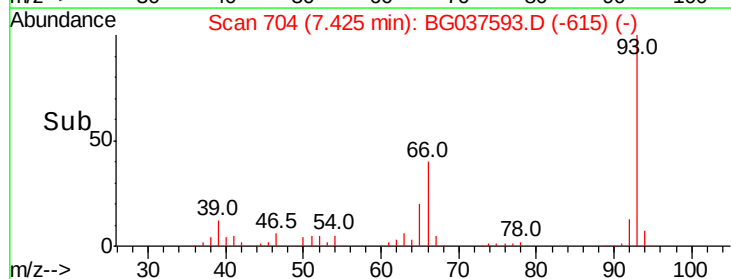
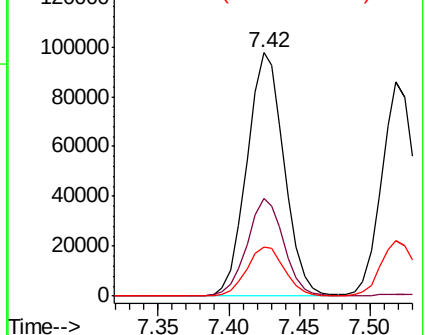
65 20.1 16.4 24.6

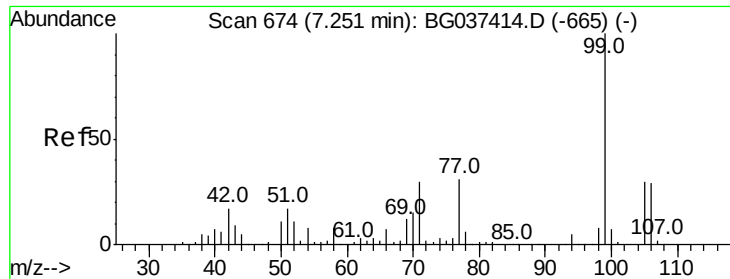


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.603 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037593.D

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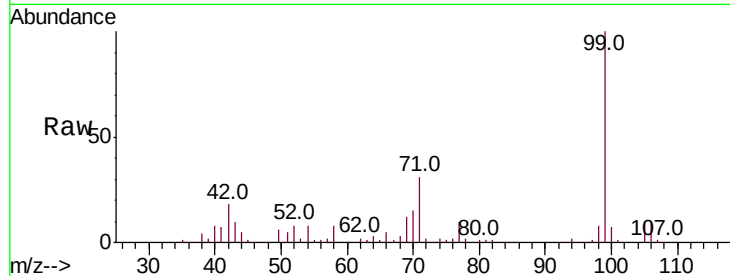
Tot Ion: 99 Resp: 620635

Ion Ratio Lower Upper

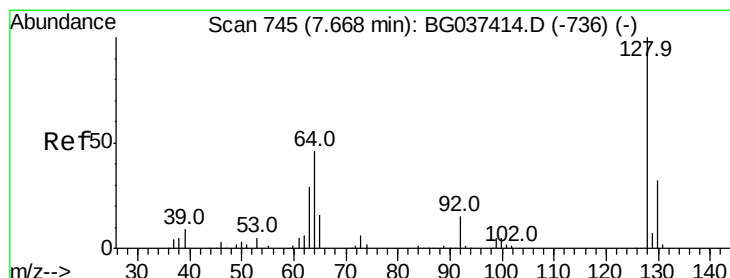
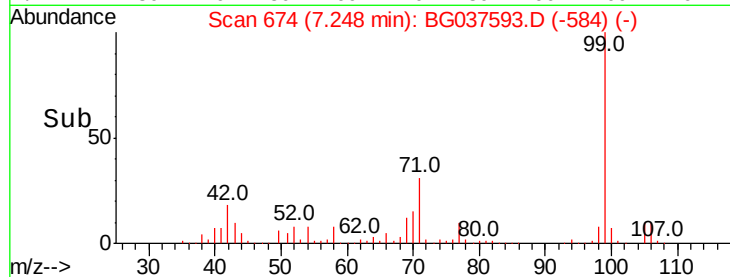
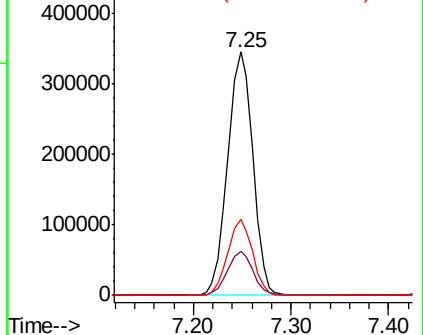
99 100

42 18.0 15.0 22.4

71 31.0 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: 43.713 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

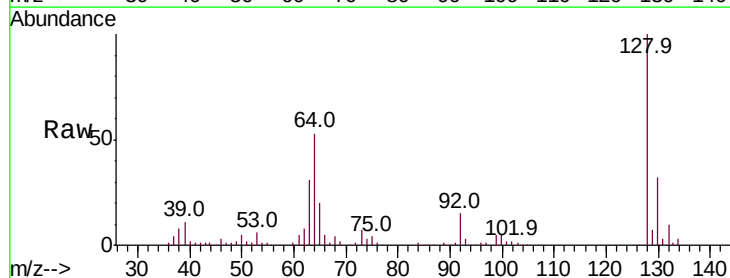
Tgt Ion: 128 Resp: 159487

Ion Ratio Lower Upper

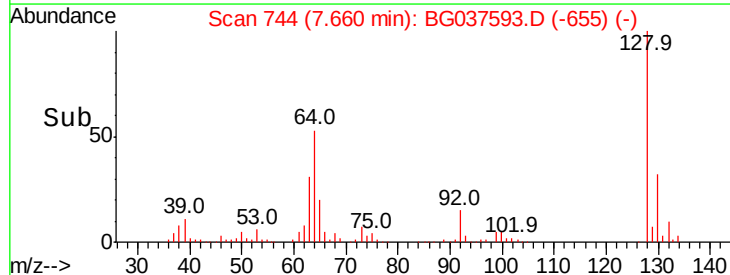
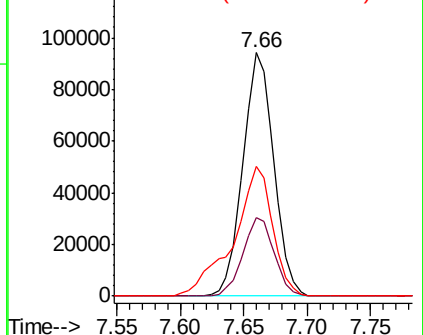
128 100

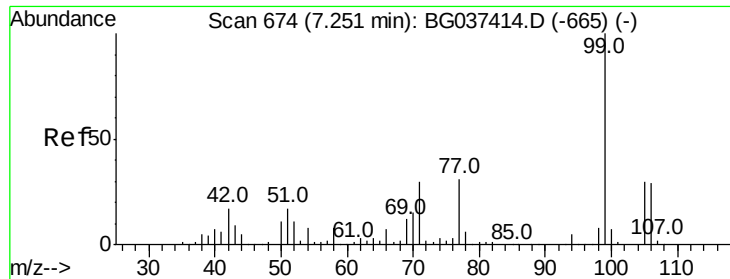
130 32.4 12.0 52.0

64 53.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 25.324 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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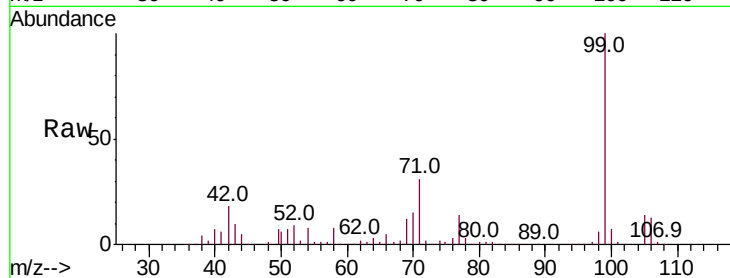
Tot Ion: 77 Resp: 74707

Ion Ratio Lower Upper

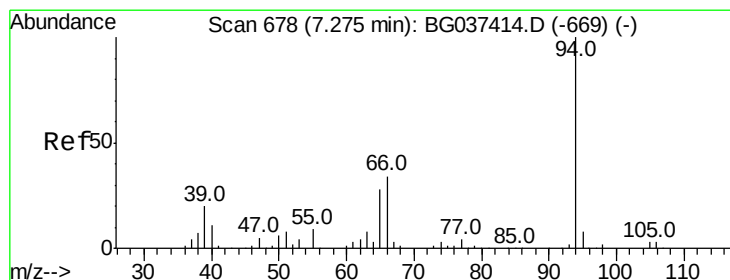
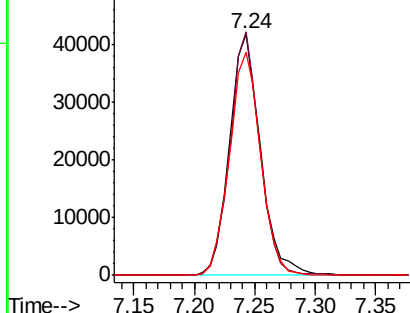
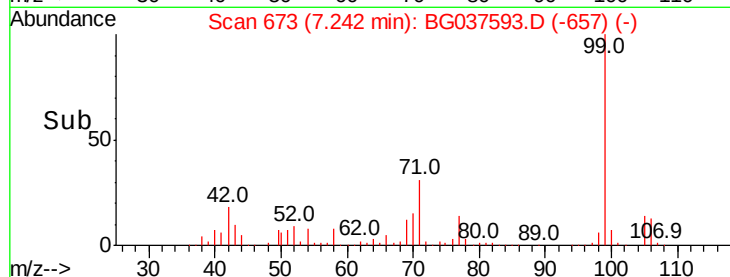
77 100

105 100.8 72.6 112.6

106 92.6 71.3 111.3



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



#10

Phenol

Concen: 42.982 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

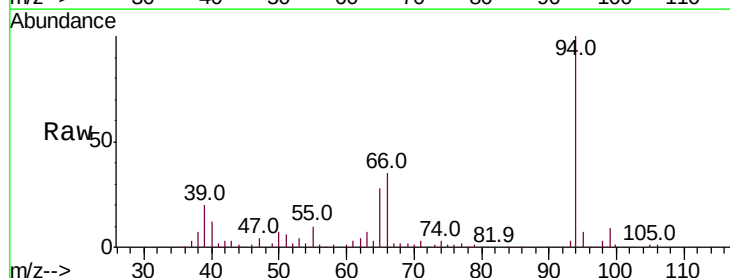
Tgt Ion: 94 Resp: 213873

Ion Ratio Lower Upper

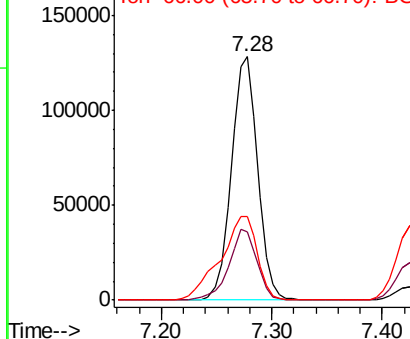
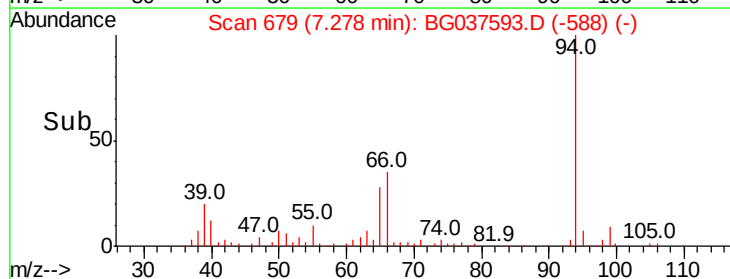
94 100

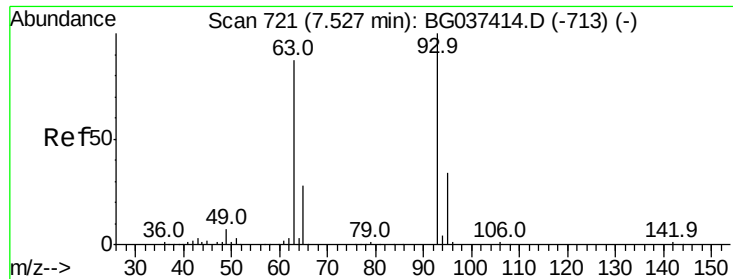
65 28.2 9.7 49.7

66 34.5 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 37.539 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

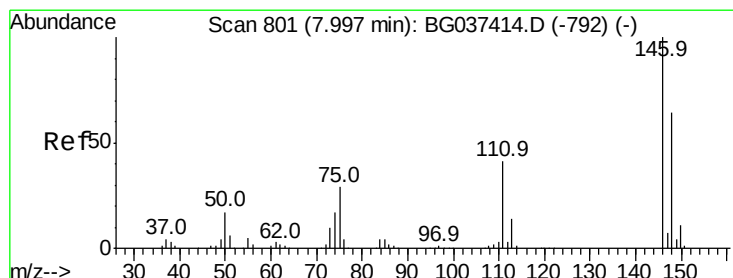
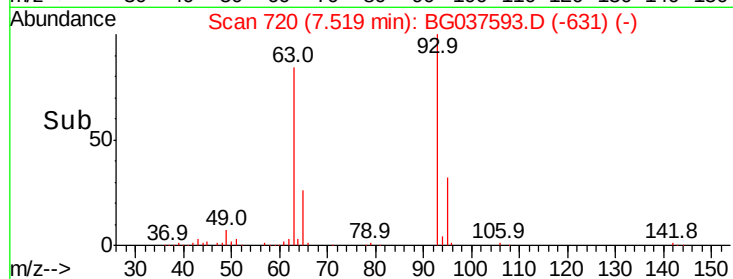
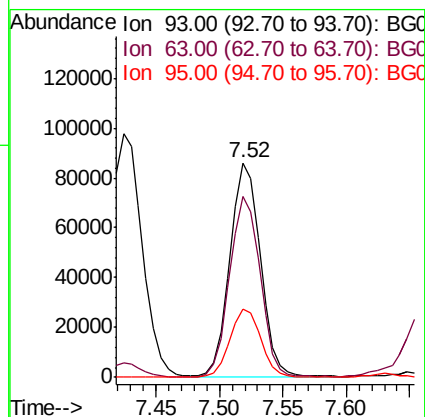
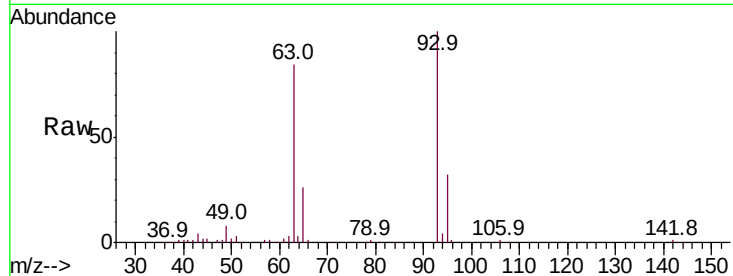
Tot Ion: 93 Resp: 141864

Ion Ratio Lower Upper

93 100

63 84.4 69.5 109.5

95 31.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.083 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

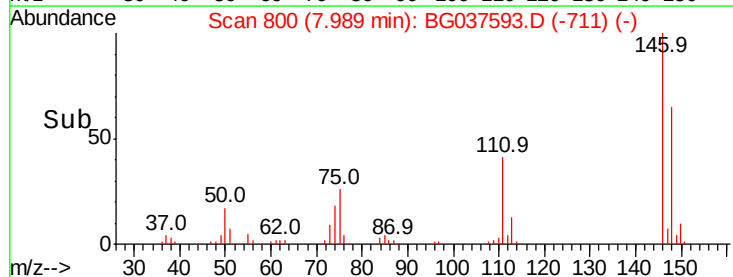
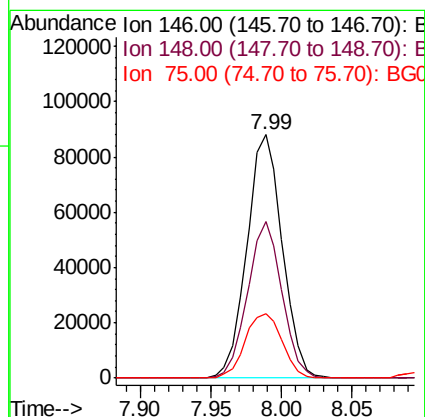
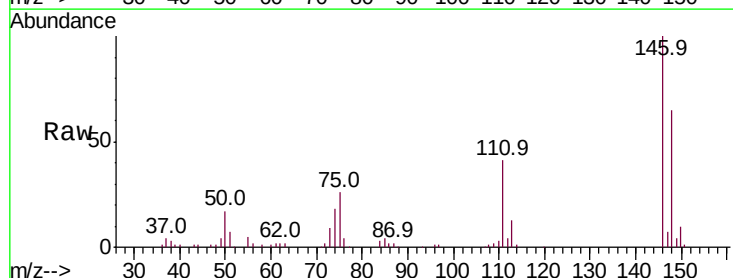
Tgt Ion: 146 Resp: 154685

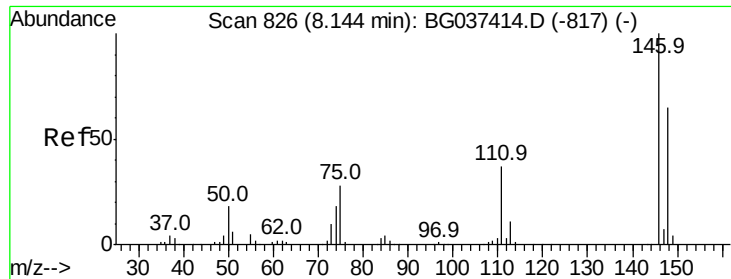
Ion Ratio Lower Upper

146 100

148 64.6 49.8 74.8

75 26.3 23.2 34.8

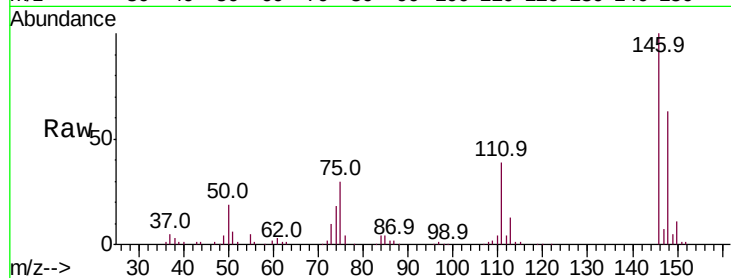




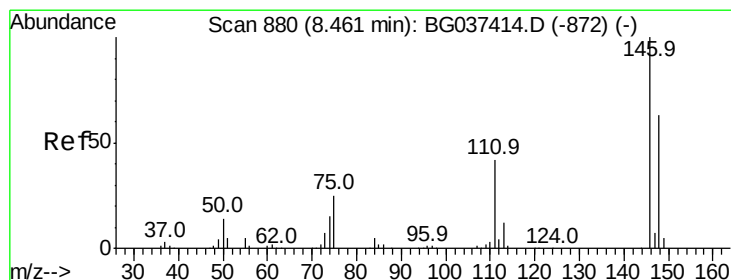
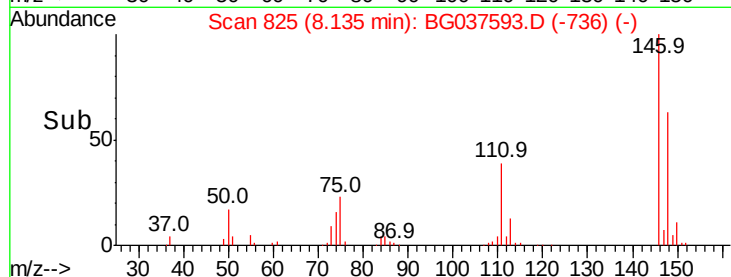
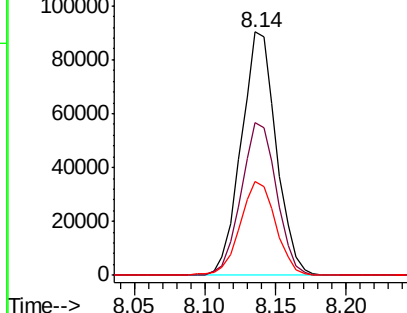
#13
 1,4-Dichlorobenzene
 Concen: 37.712 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

Tot Ion:146 Resp: 156686
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.6
 111 38.8 32.4 48.6

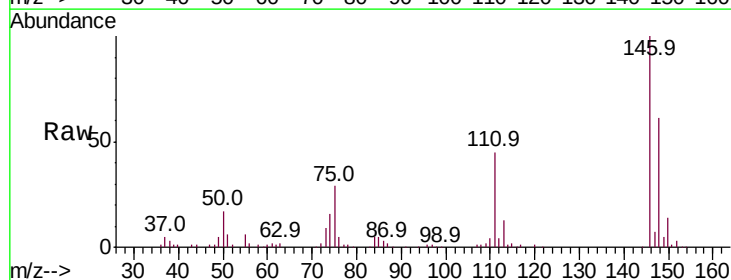


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

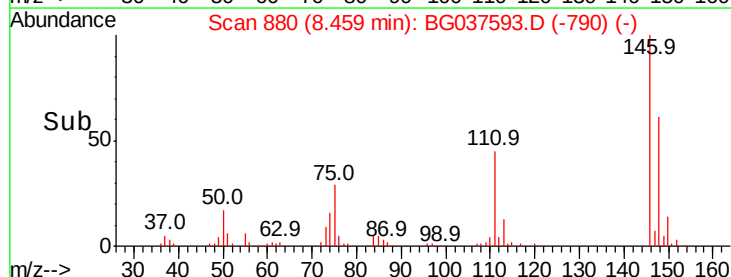
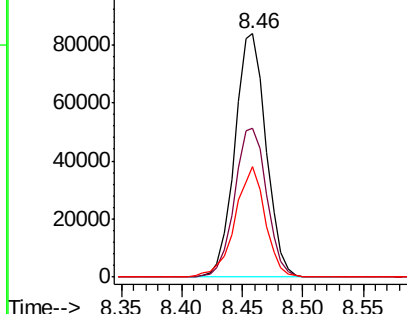


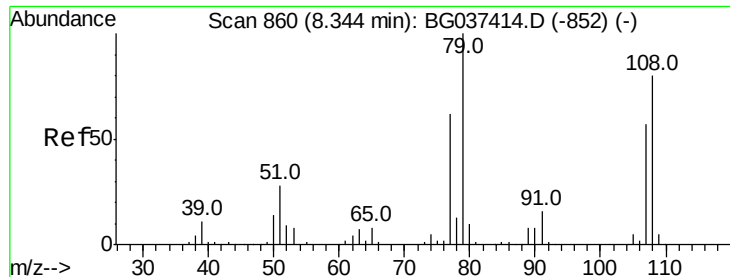
#14
 1,2-Dichlorobenzene
 Concen: 37.697 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion:146 Resp: 150661
 Ion Ratio Lower Upper
 146 100
 148 61.2 50.4 75.6
 111 45.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 40.992 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleID :

PB114204BS

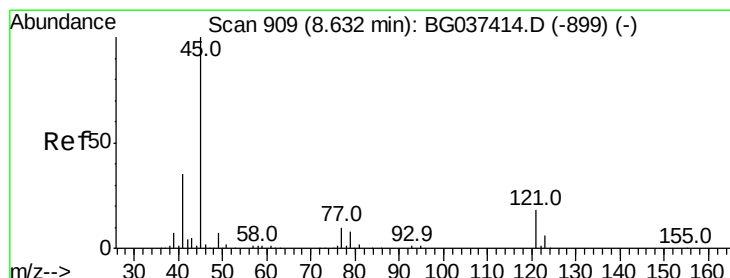
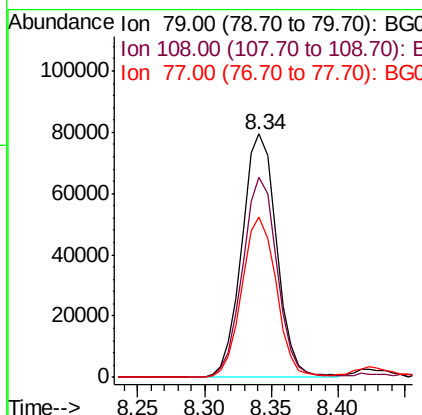
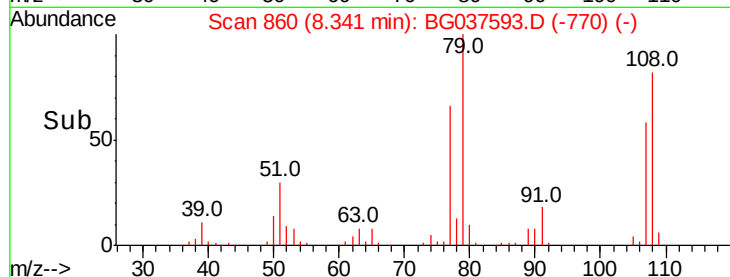
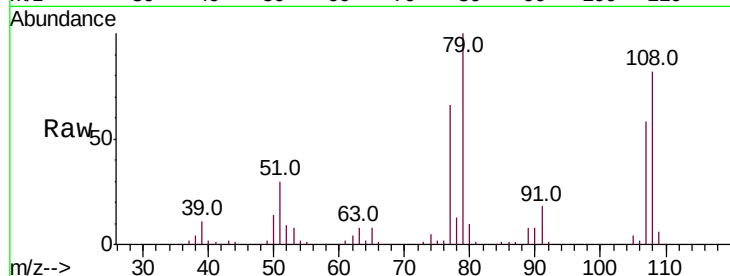
Tot Ion: 79 Resp: 142840

Ion Ratio Lower Upper

79 100

108 82.0 65.8 98.8

77 66.0 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.048 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

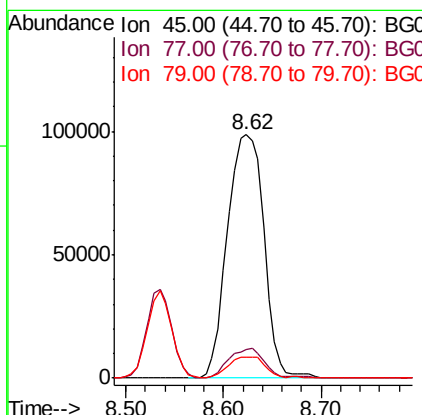
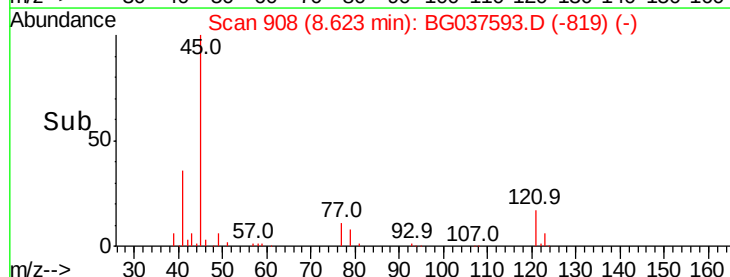
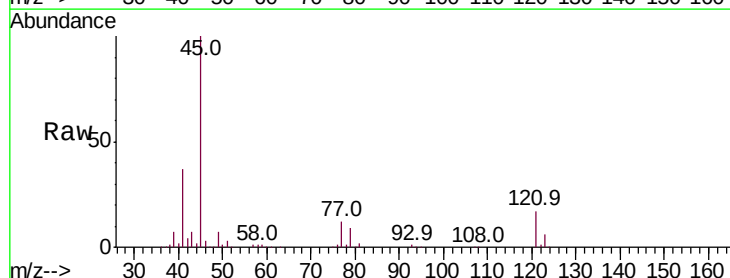
Tgt Ion: 45 Resp: 257279

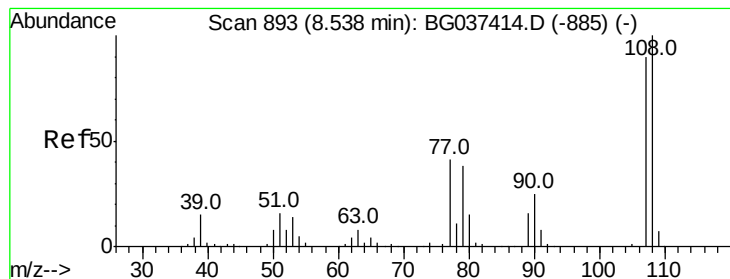
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.0

79 8.7 0.0 29.0





#17

2-Methylphenol

Concen: 43.708 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

Tot Ion:107 Resp: 143783

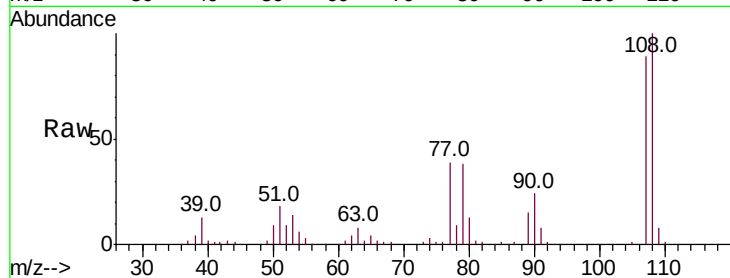
Ion Ratio Lower Upper

107 100

108 112.5 87.9 131.9

77 43.3 35.1 52.7

79 43.0 34.5 51.7

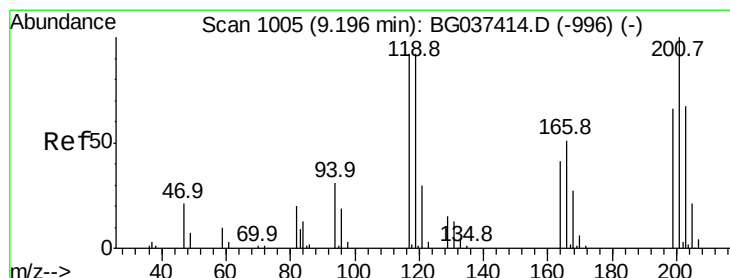
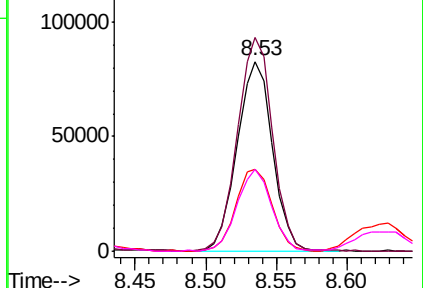
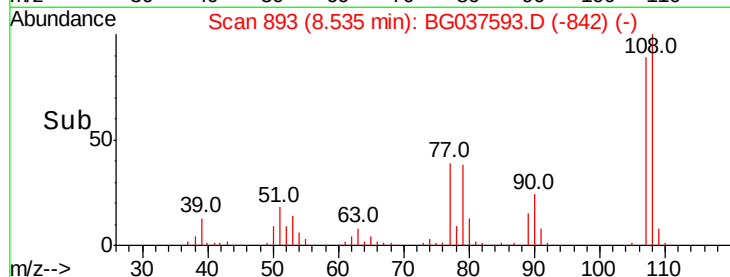


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.077 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

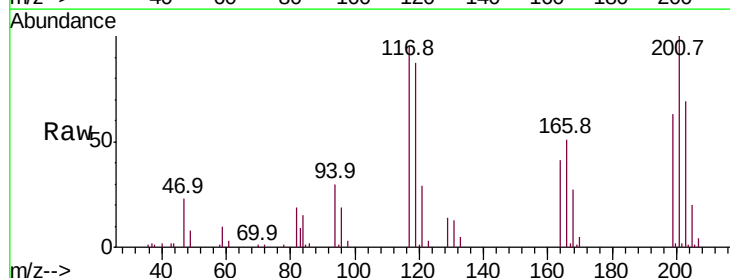
Tgt Ion:117 Resp: 55350

Ion Ratio Lower Upper

117 100

119 92.0 74.6 111.8

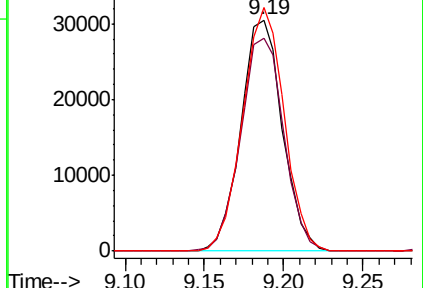
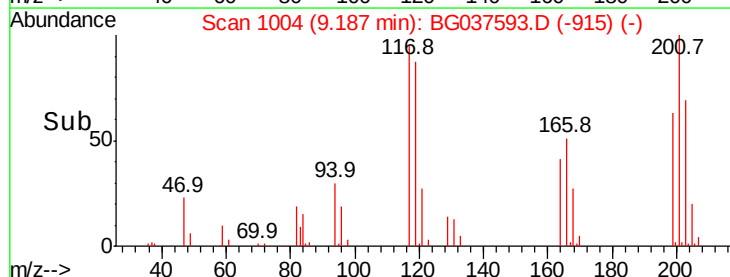
201 107.7 80.8 121.2

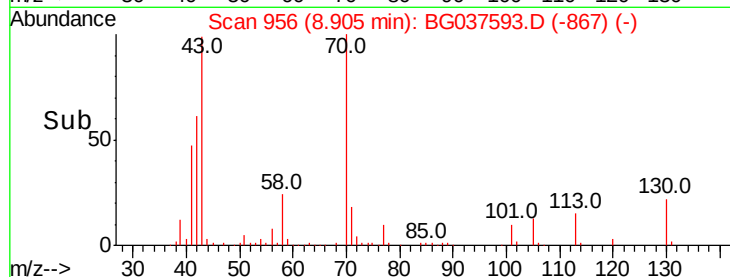
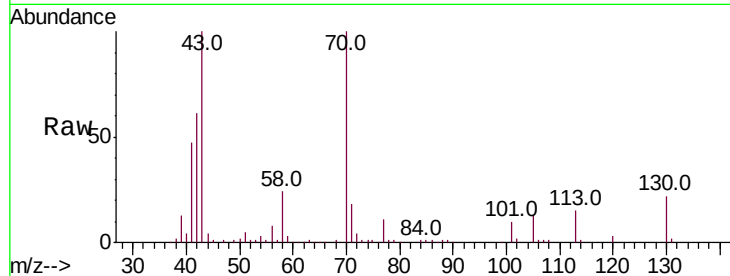
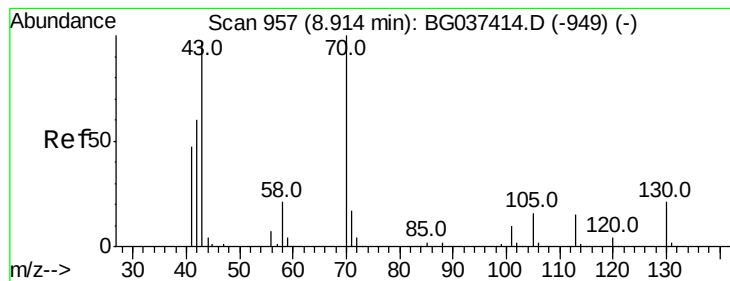


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.119 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

Tot Ion: 70 Resp: 120541

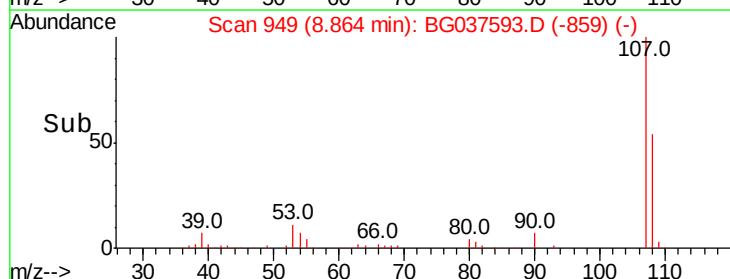
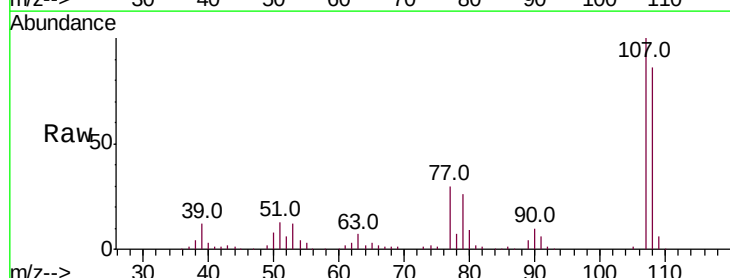
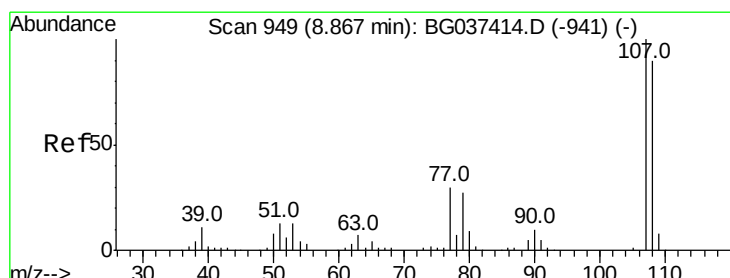
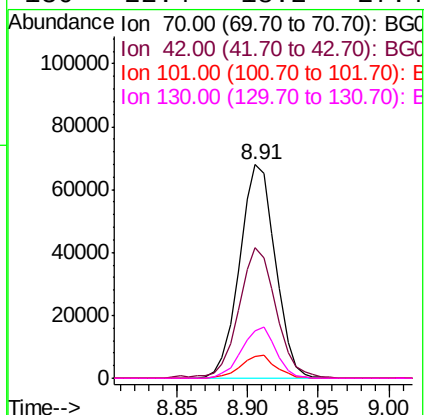
Ion Ratio Lower Upper

70 100

42 61.4 53.9 80.9

101 10.4 8.2 12.2

130 22.4 18.2 27.4



#20

3+4-Methylphenols

Concen: 43.098 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Tgt Ion: 107 Resp: 202699

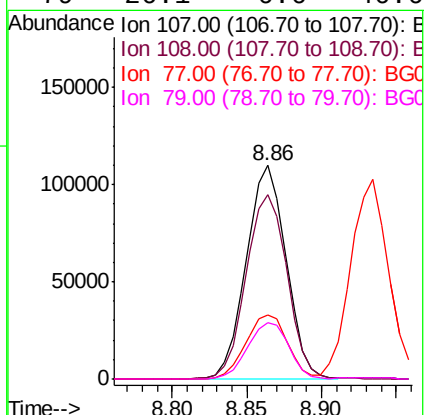
Ion Ratio Lower Upper

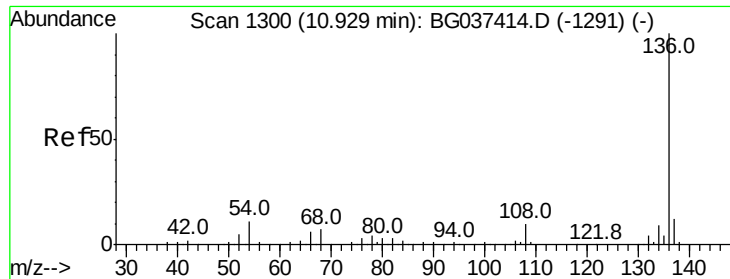
107 100

108 86.1 69.9 109.9

77 30.2 11.2 51.2

79 26.1 6.6 46.6

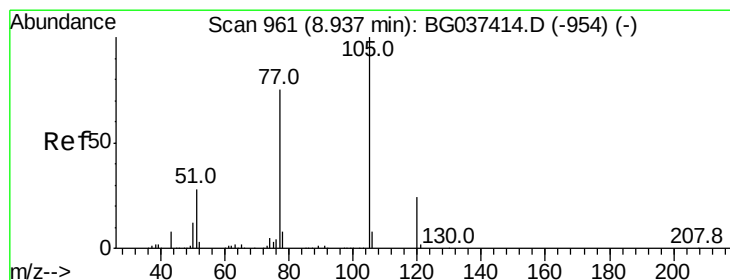
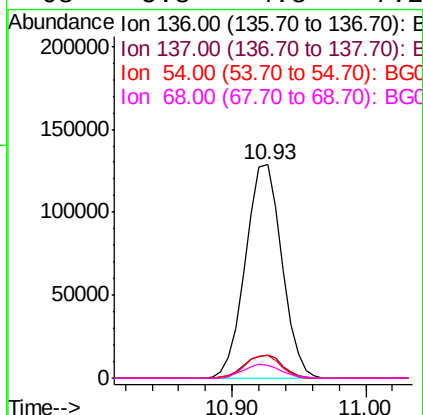
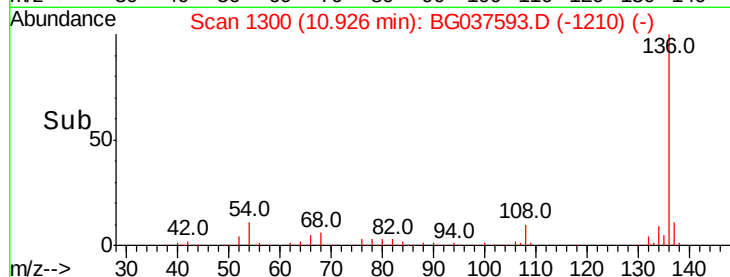
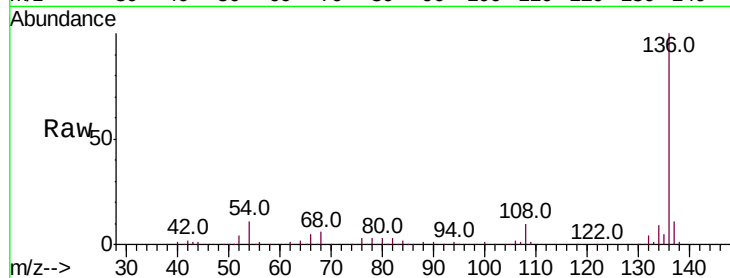




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

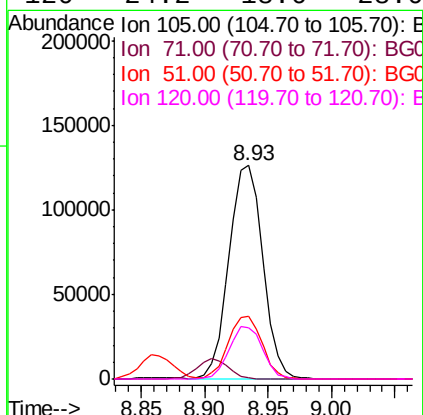
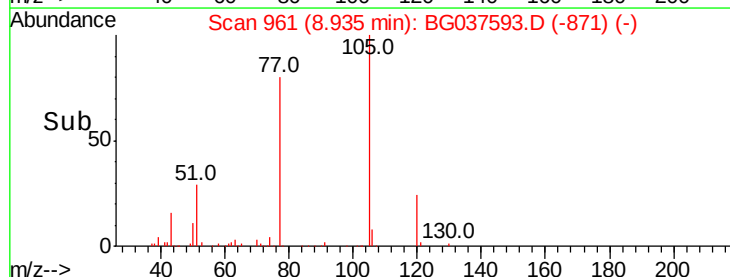
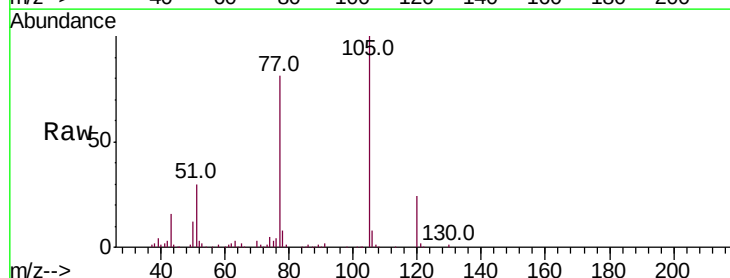
Instrument :
BNA_G
ClientSampleId :
PB114204BS

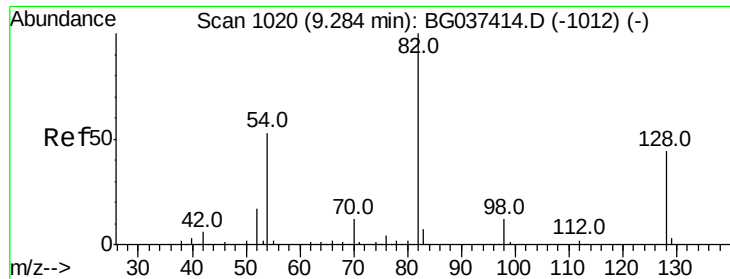
Tot Ion:	136	Resp:	242071
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.8	7.9	11.9
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 38.520 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:	105	Resp:	233859
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	29.6	25.0	37.6
120	24.2	18.6	28.0

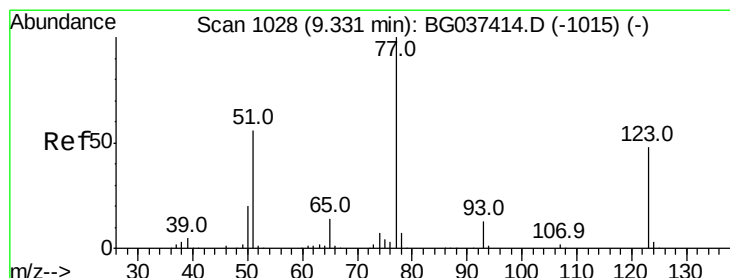
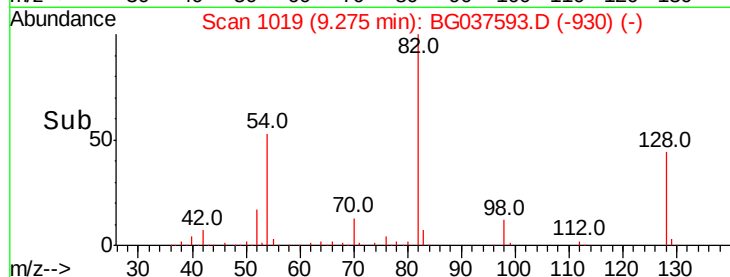
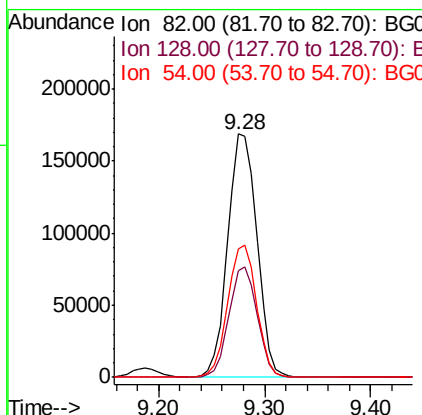
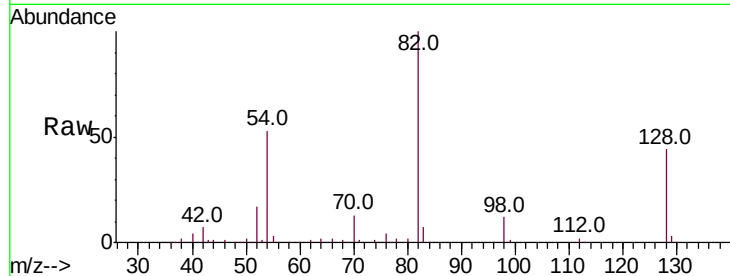




#23
Nitrobenzene-d5
Concen: 74.722 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

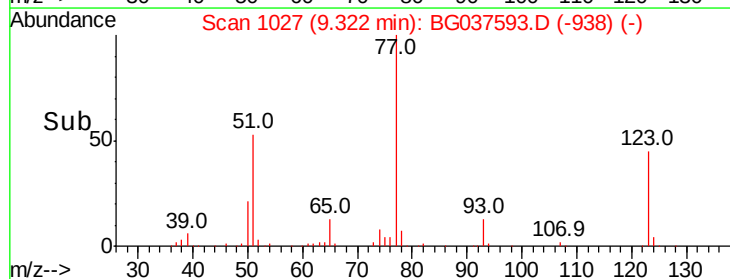
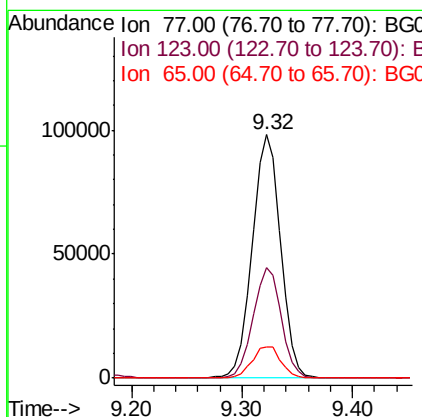
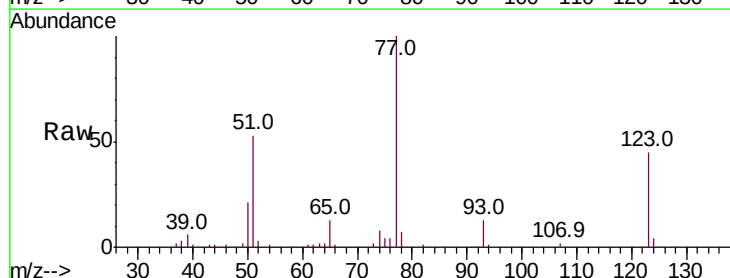
Instrument :
BNA_G
ClientSampleId :
PB114204BS

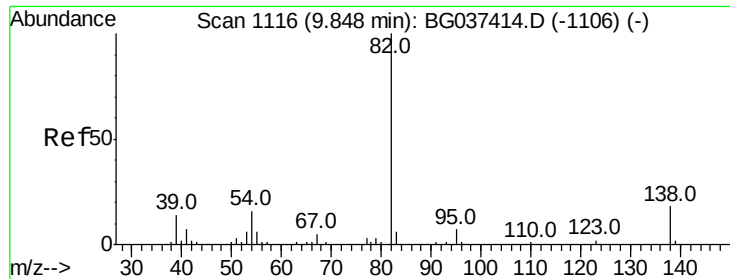
Tot Ion	82	Resp	322893
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	52.8	45.3	67.9



#24
Nitrobenzene
Concen: 39.412 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion	77	Resp	176926
Ion	Ratio	Lower	Upper
77	100		
123	45.3	33.6	50.4
65	13.0	11.3	16.9





#25

Isophorone

Concen: 43.990 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

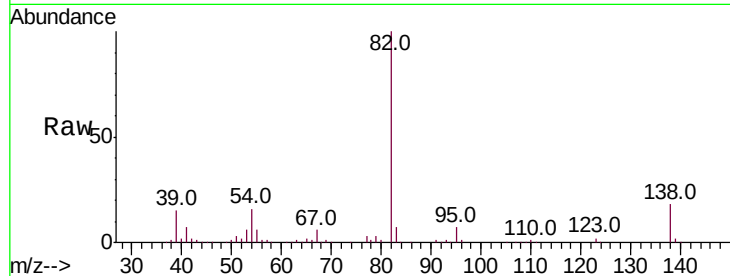
Tot Ion: 82 Resp: 347325

Ion Ratio Lower Upper

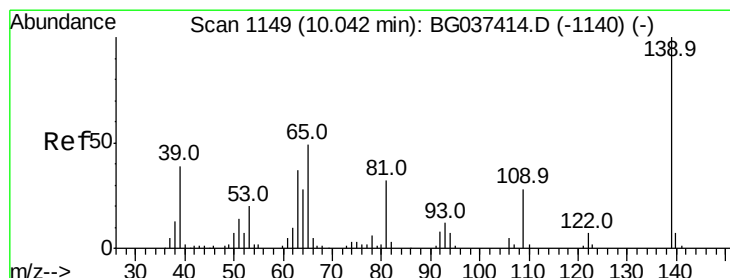
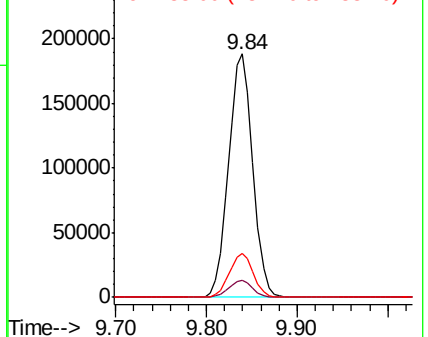
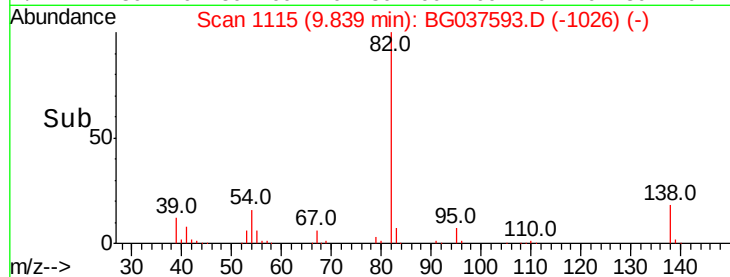
82 100

95 6.9 5.3 7.9

138 18.1 13.3 19.9



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



#26

2-Nitrophenol

Concen: 42.985 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

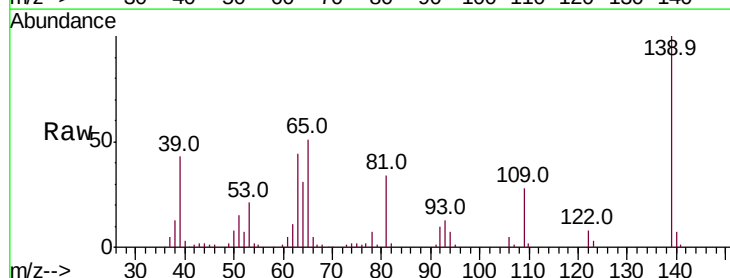
Tgt Ion: 139 Resp: 86929

Ion Ratio Lower Upper

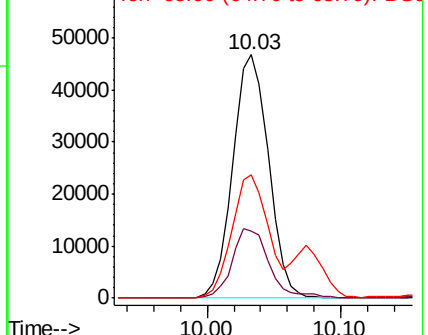
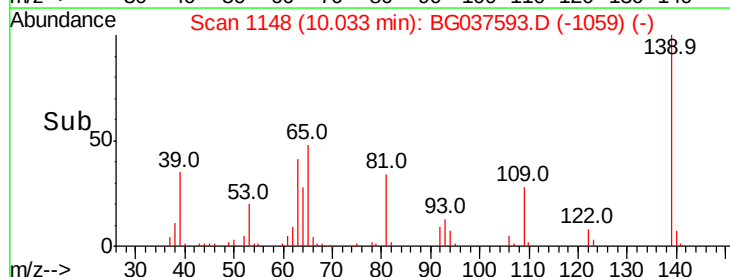
139 100

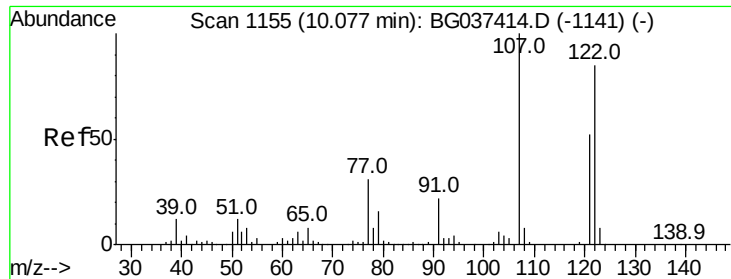
109 27.5 23.3 34.9

65 50.9 39.8 59.8



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

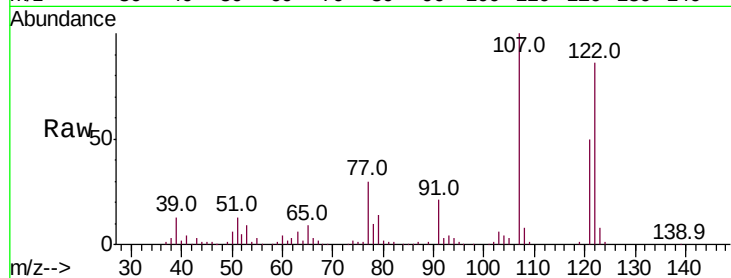




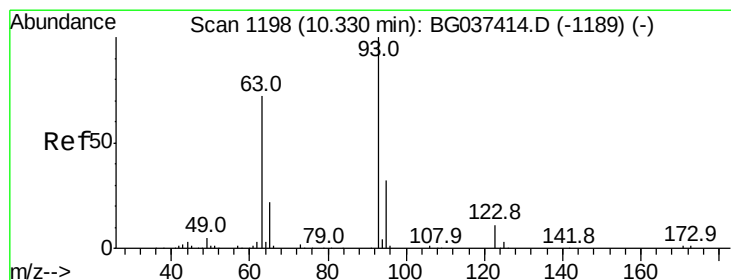
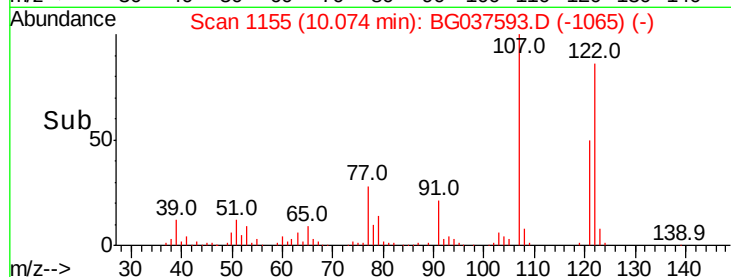
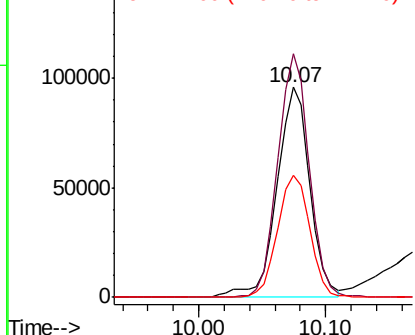
#27
2,4-Dimethylphenol
Concen: 47.950 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:122 Resp: 173139
Ion Ratio Lower Upper
122 100
107 116.0 94.2 141.2
121 58.4 47.3 70.9

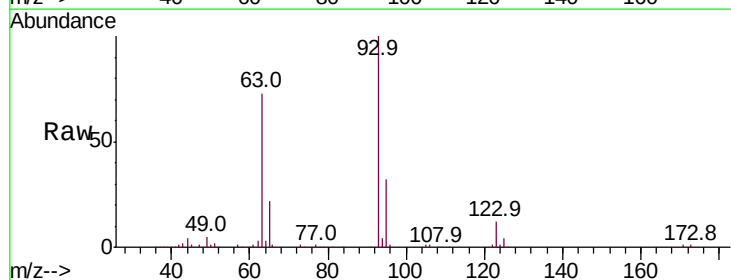


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

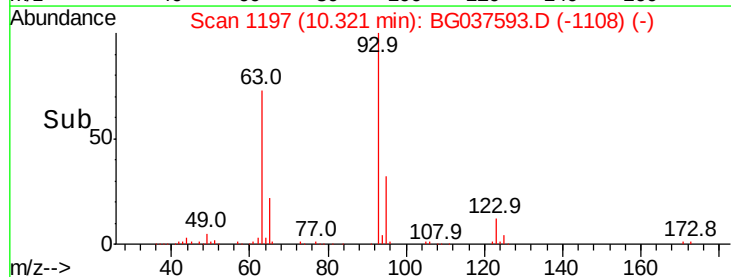
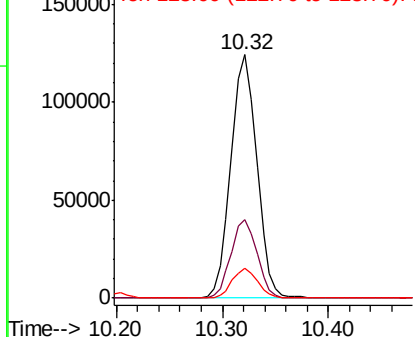


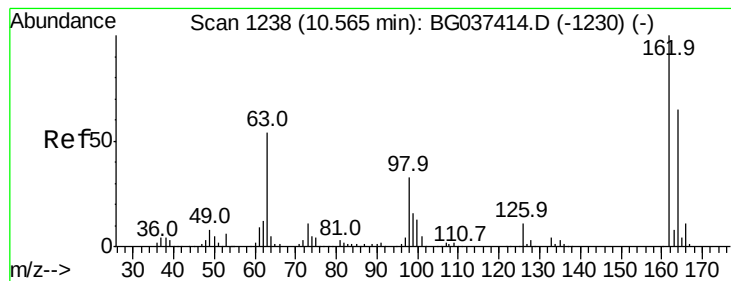
#28
bis(2-Chloroethoxy)methane
Concen: 40.832 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion: 93 Resp: 211226
Ion Ratio Lower Upper
93 100
95 32.3 24.6 37.0
123 12.3 9.1 13.7



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





#29

2,4-Dichlorophenol

Concen: 42.602 ng

RT: 10.56 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

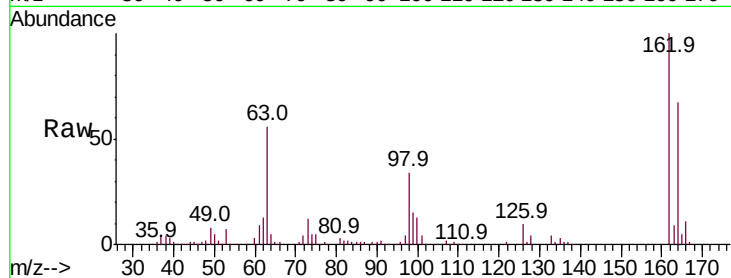
Tot Ion:162 Resp: 171271

Ion Ratio Lower Upper

162 100

164 67.1 43.2 83.2

98 34.4 16.0 56.0

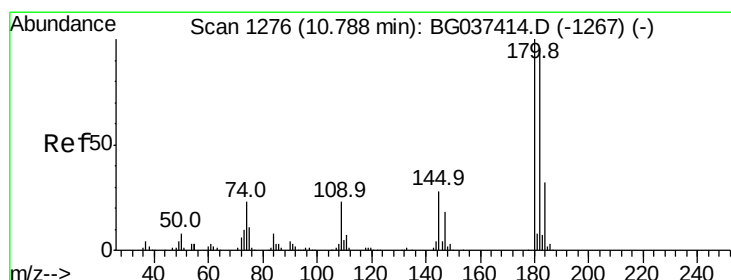
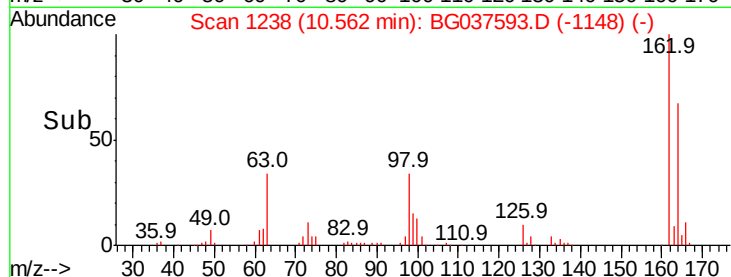
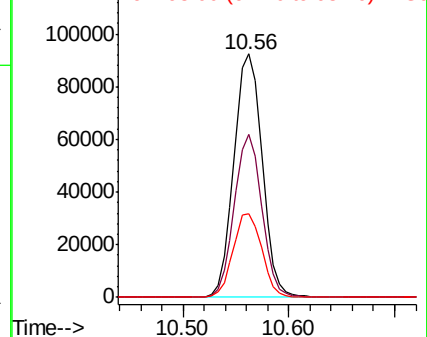


Abundance

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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 36.714 ng

RT: 10.78 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

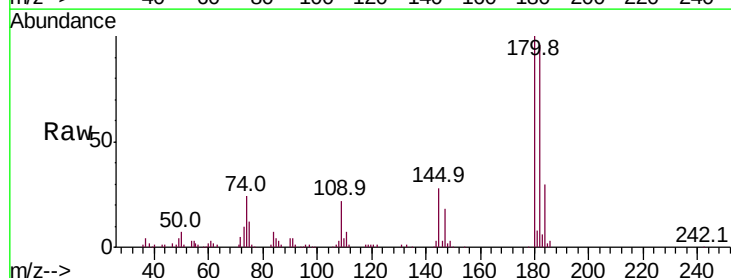
Tgt Ion:180 Resp: 160513

Ion Ratio Lower Upper

180 100

182 95.8 77.7 116.5

145 27.7 23.3 34.9

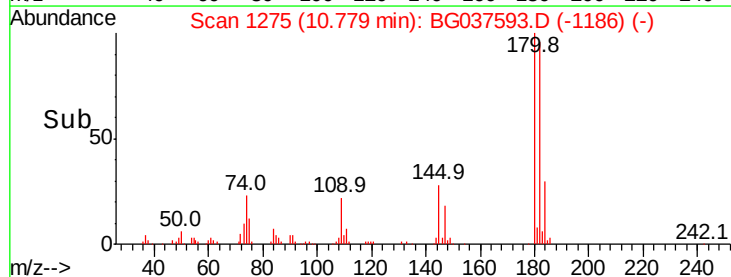
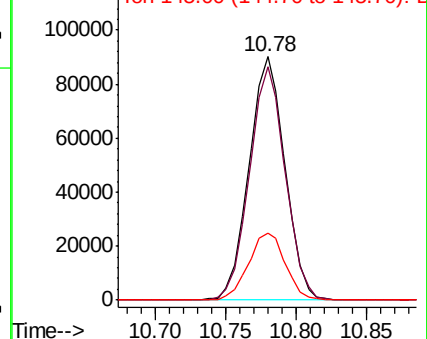


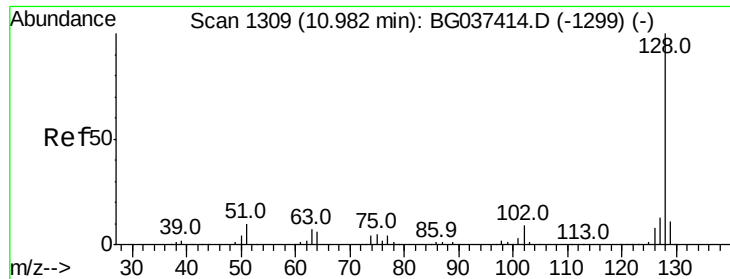
Abundance

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

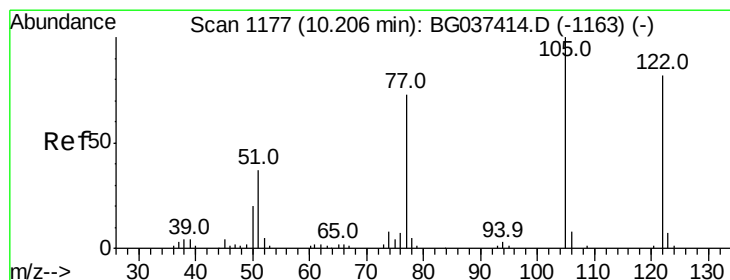
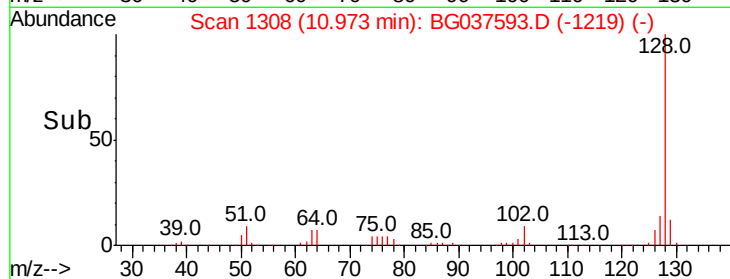
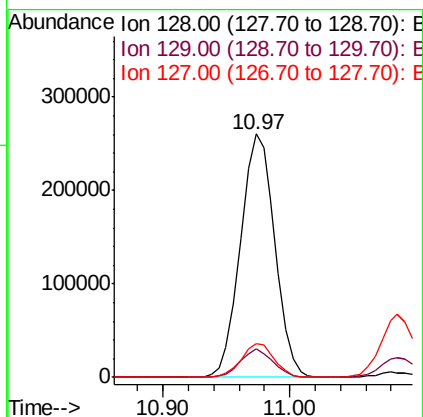
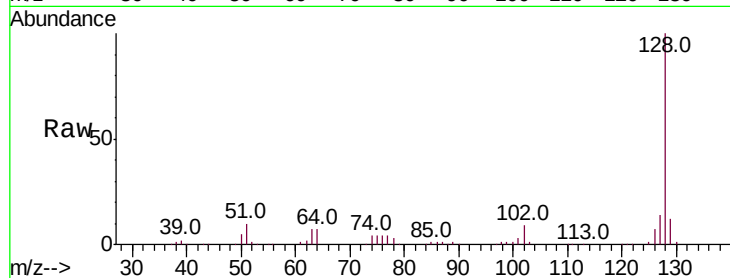




#31
Naphthalene
Concen: 41.077 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

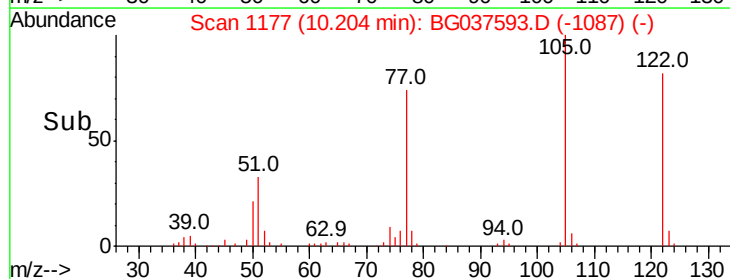
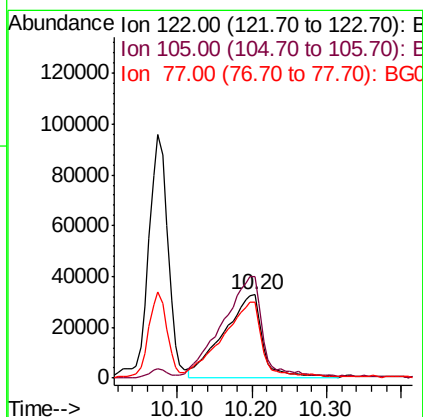
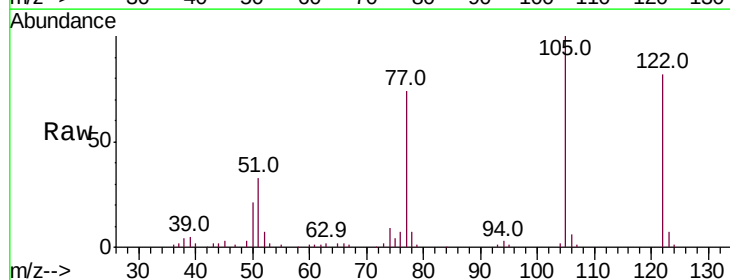
Instrument :
BNA_G
ClientSampleId :
PB114204BS

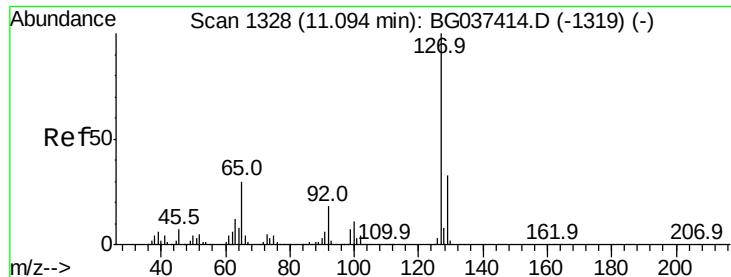
Tot Ion:128 Resp: 488398
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 51.624 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:122 Resp: 121070
Ion Ratio Lower Upper
122 100
105 122.7 106.7 146.7
77 91.3 72.2 112.2

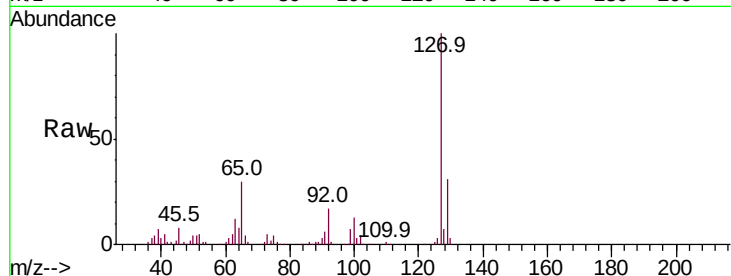




#33
4-Chloroaniline
Concen: 22.754 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:	127	Resp:	127116
Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.1	40.7
65	30.2	26.6	39.8
92	17.1	16.4	24.6



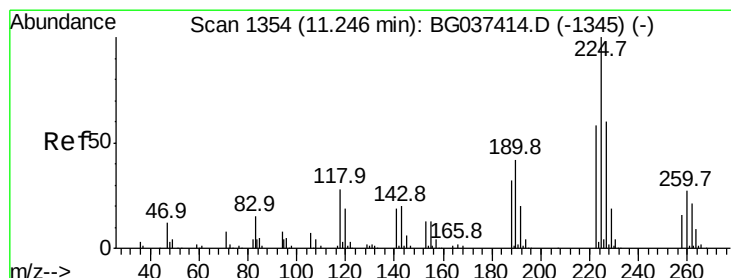
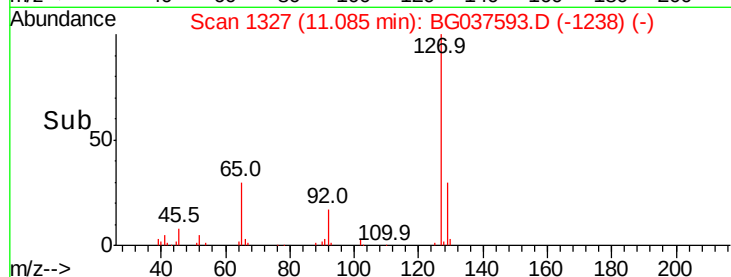
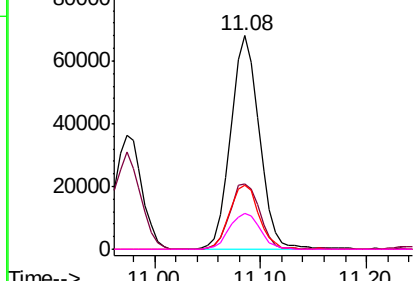
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

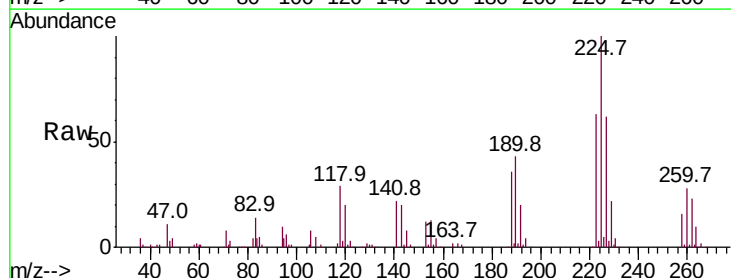
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.822 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:	225	Resp:	92821
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	61.8	51.6	77.4

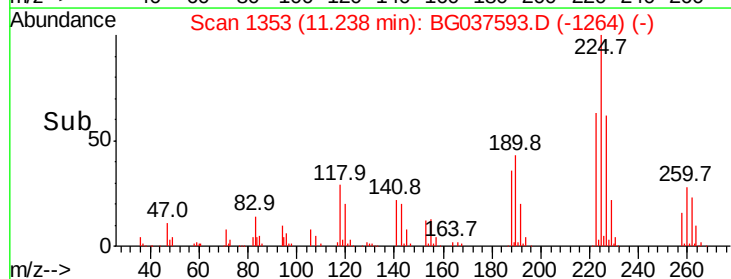
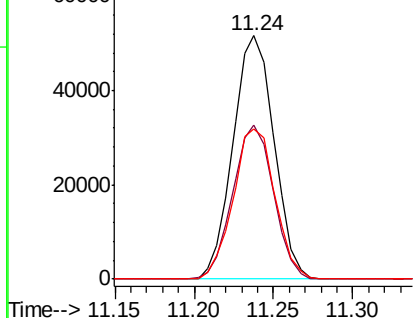


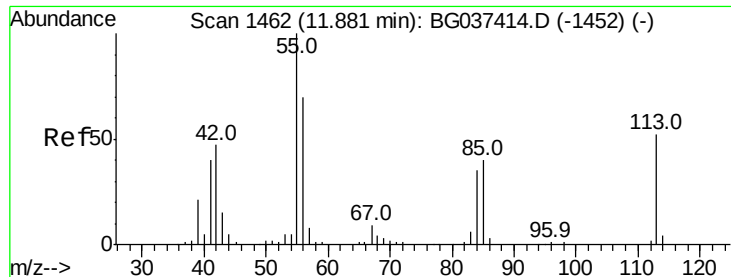
Abundance

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: 41.698 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

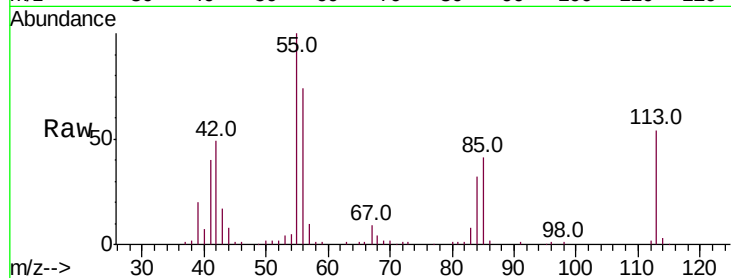
Tot Ion:113 Resp: 67233

Ion Ratio Lower Upper

113 100

55 186.3 176.6 216.6

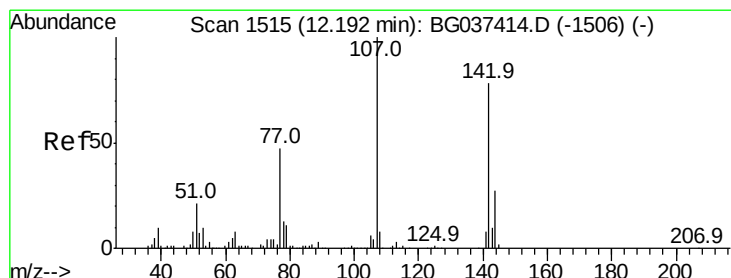
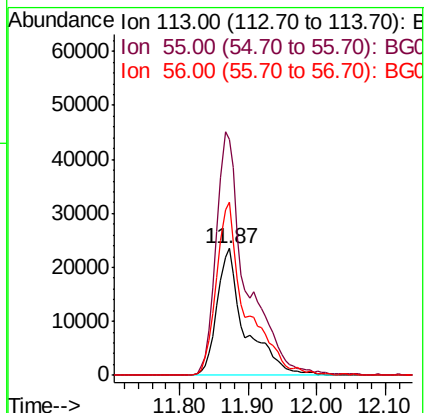
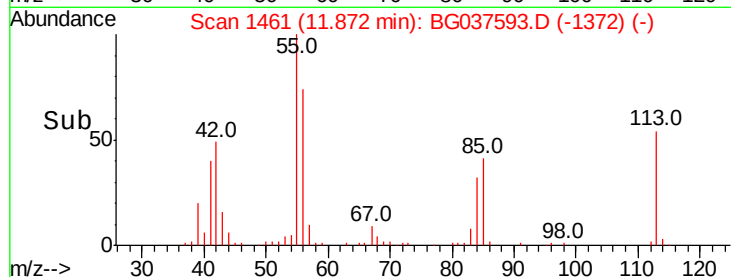
56 137.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.379 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

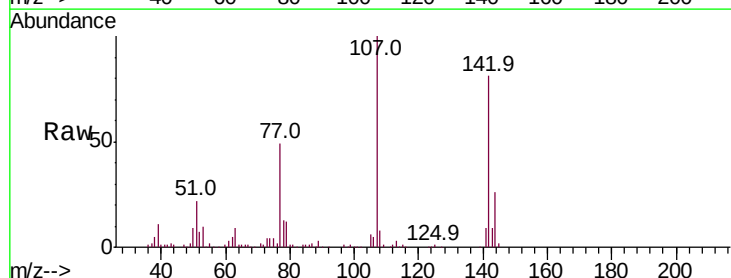
Tgt Ion:107 Resp: 192143

Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

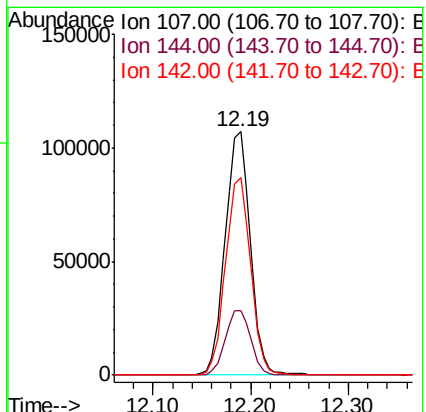
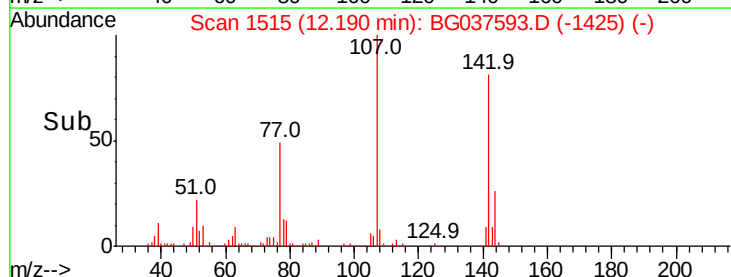
142 81.0 64.4 96.6

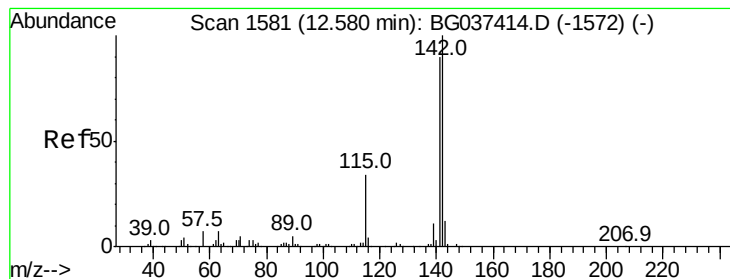


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.779 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

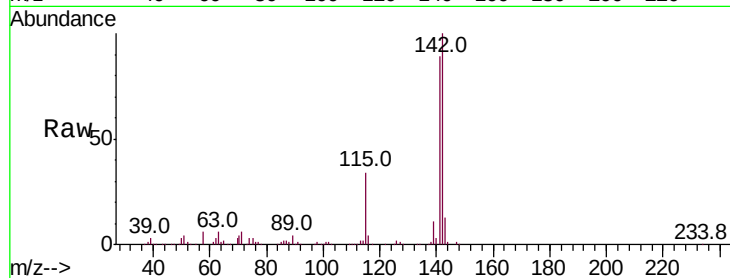
Tot Ion:142 Resp: 379444

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9

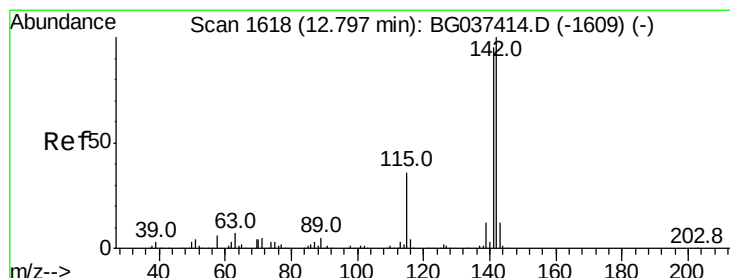
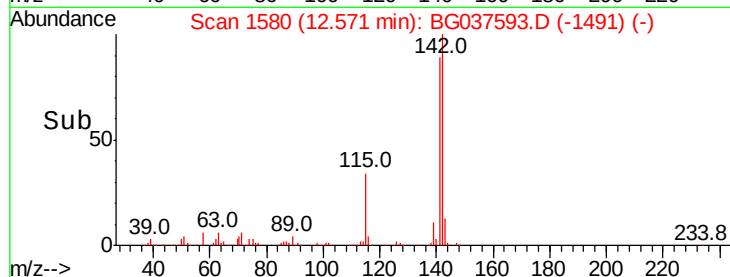
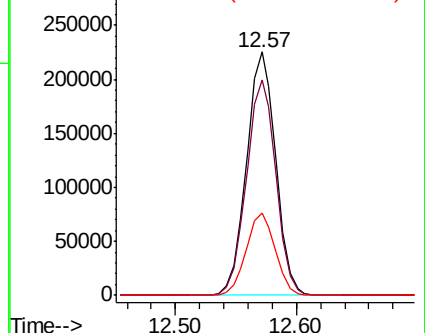
115 33.6 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.068 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

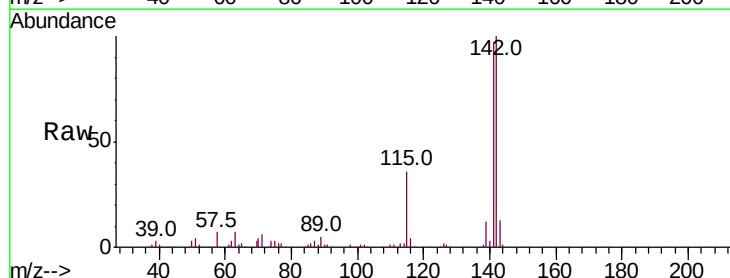
Tgt Ion:142 Resp: 354096

Ion Ratio Lower Upper

142 100

141 97.4 75.2 112.8

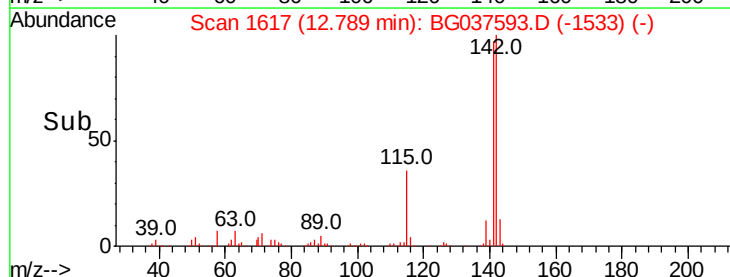
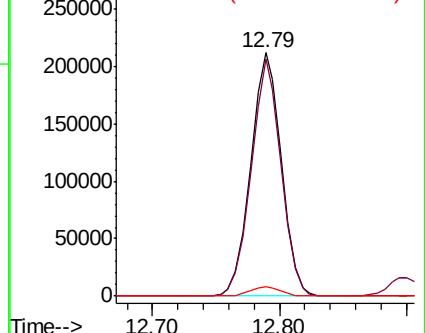
116 3.8 3.3 4.9

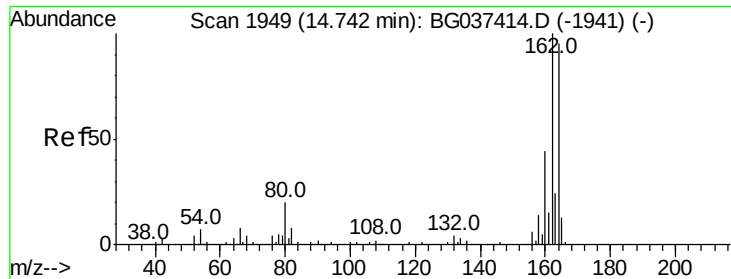


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

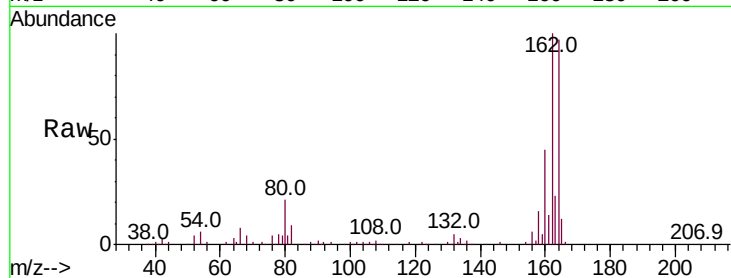
Tot Ion:164 Resp: 166369

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

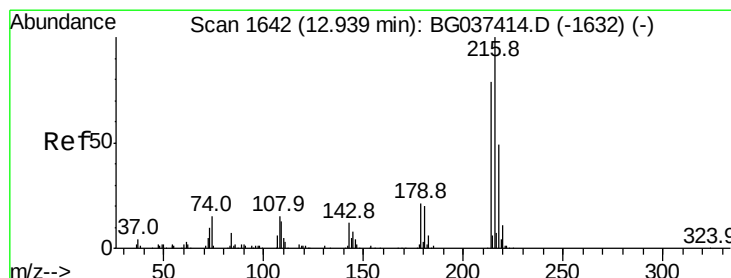
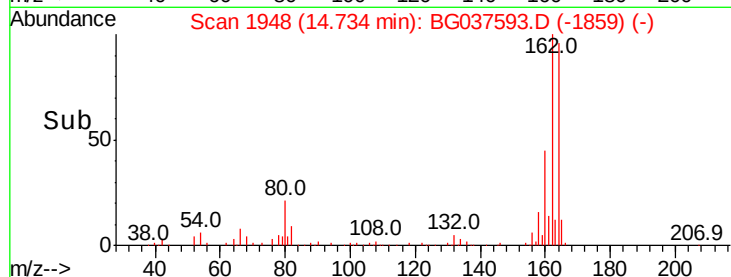
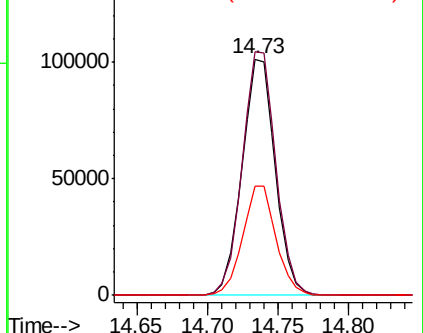
160 46.0 36.3 54.5



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: 35.873 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Tgt Ion:216 Resp: 192508

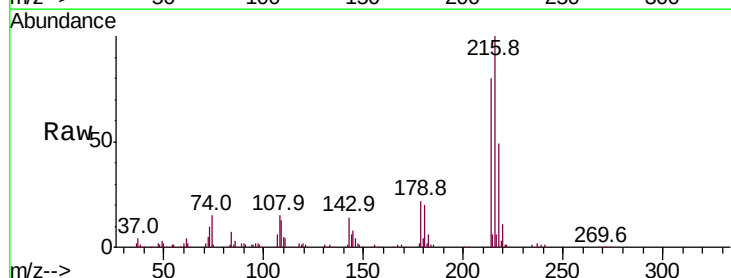
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 21.2 17.4 26.0

108 19.0 13.9 20.9

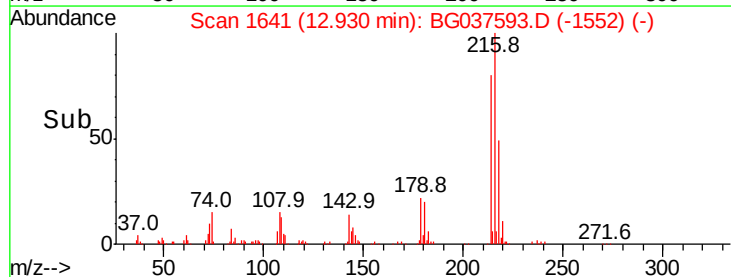
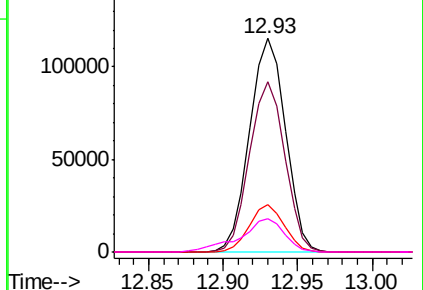


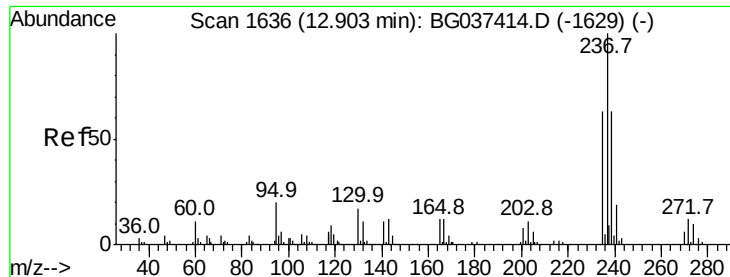
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.434 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

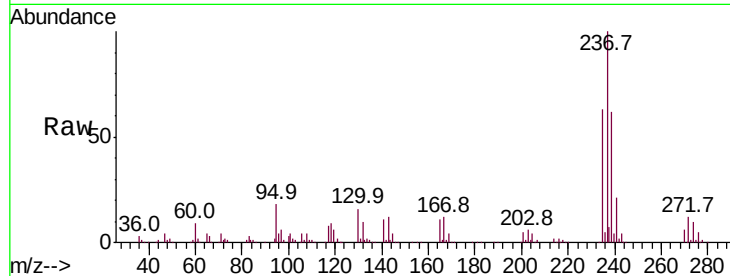
Tot Ion:237 Resp: 226688

Ion Ratio Lower Upper

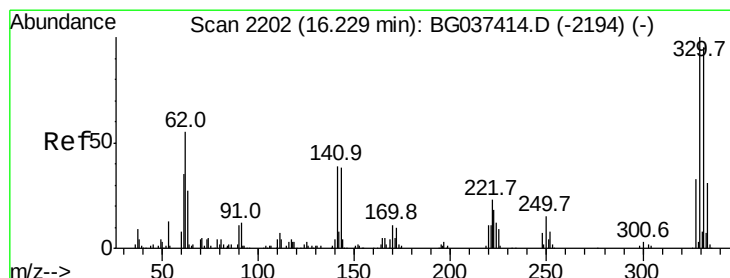
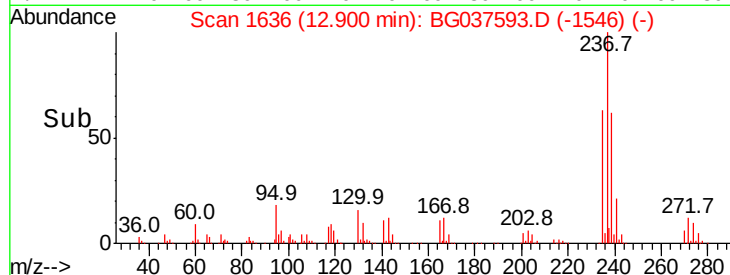
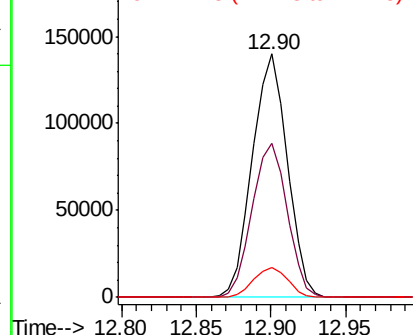
237 100

235 63.2 42.5 82.5

272 12.3 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: 129.567 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

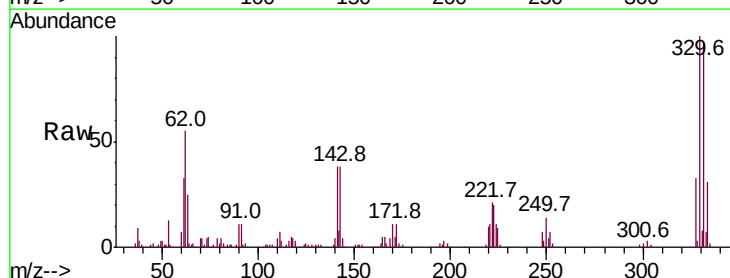
Tgt Ion:330 Resp: 235108

Ion Ratio Lower Upper

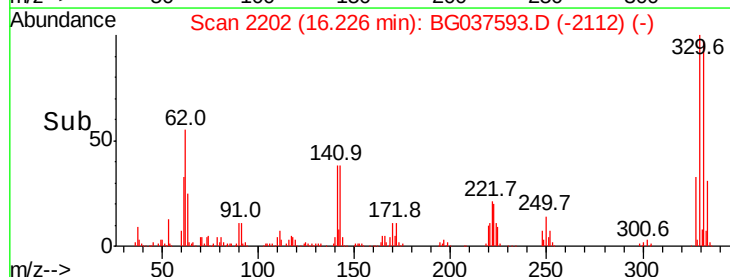
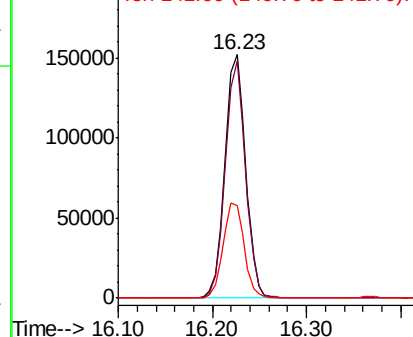
330 100

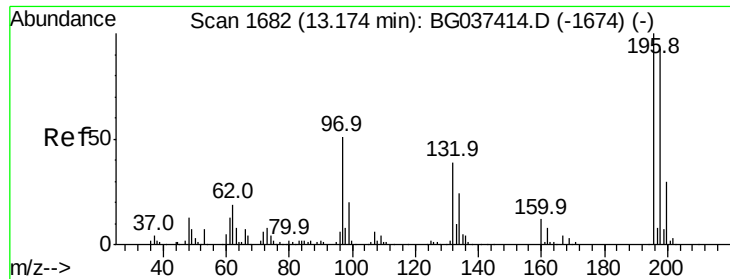
332 94.8 78.4 117.6

141 39.5 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

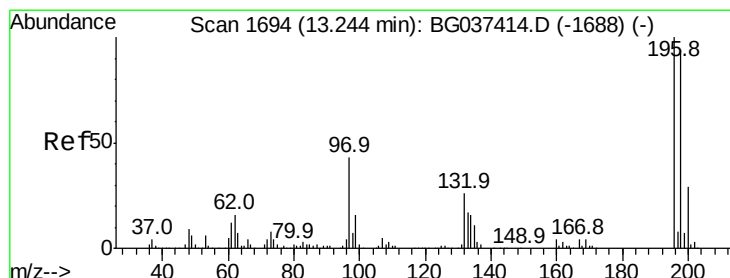
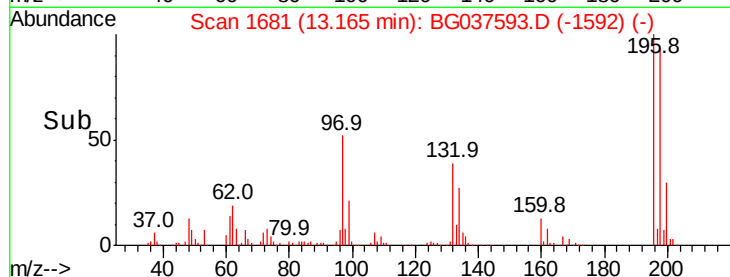
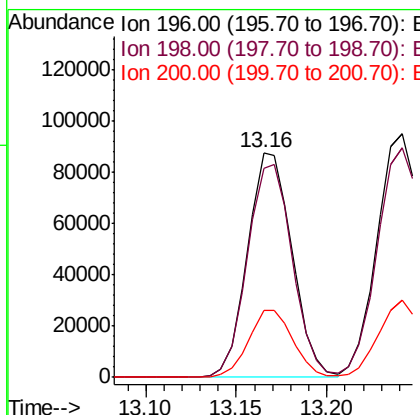
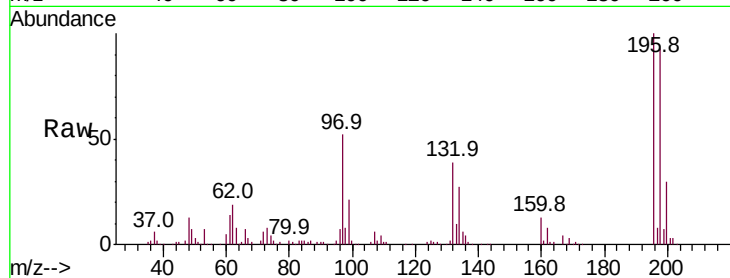




#43
 2,4,6-Trichlorophenol
 Concen: 41.709 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

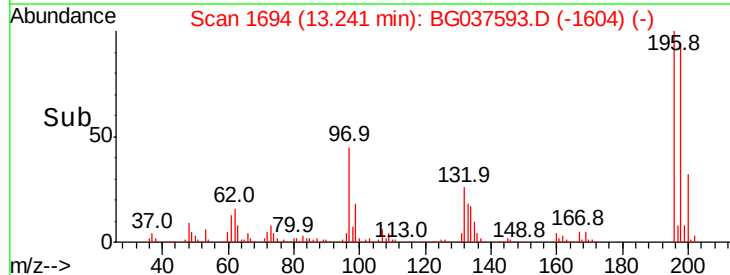
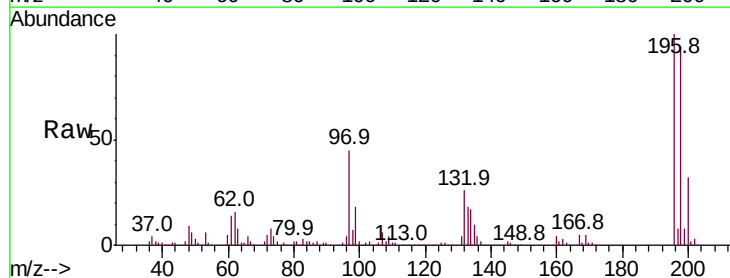
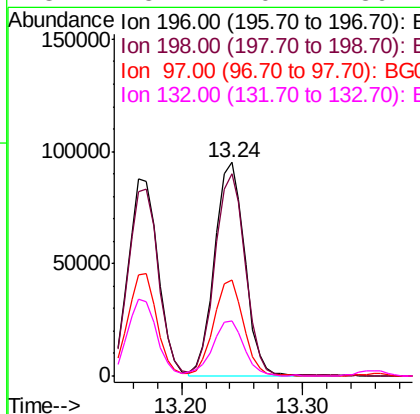
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

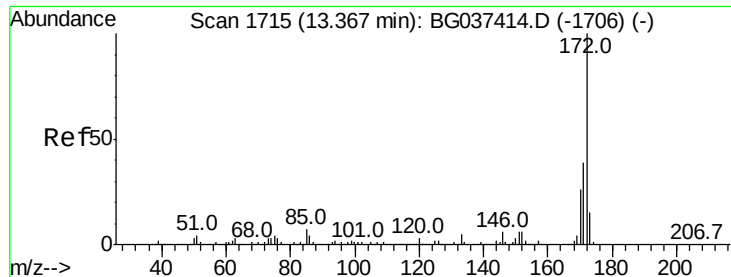
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.4	114.6
200	29.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.936 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.2	111.2
97	45.1	34.1	51.1
132	25.7	20.2	30.4

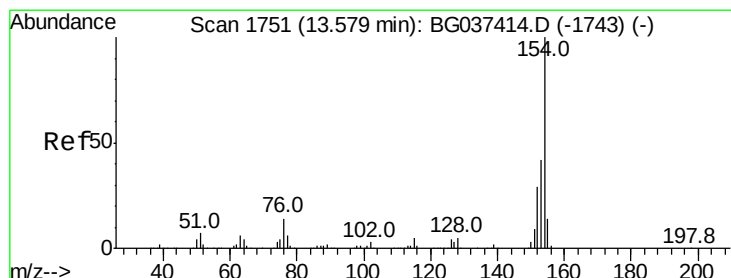
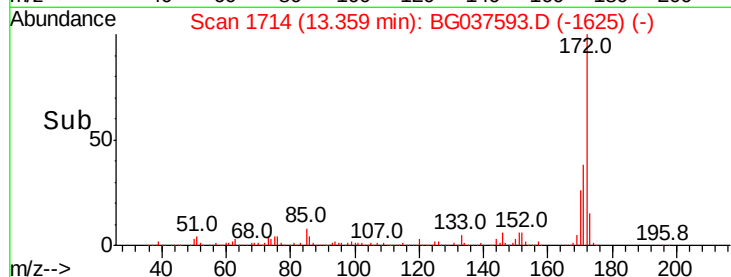
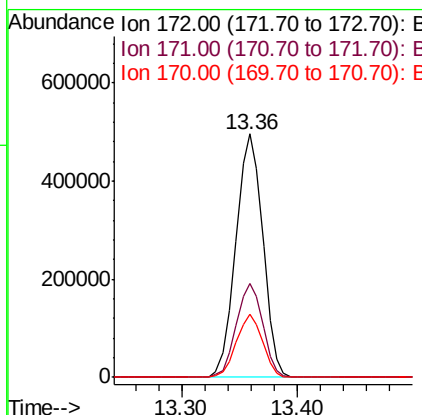
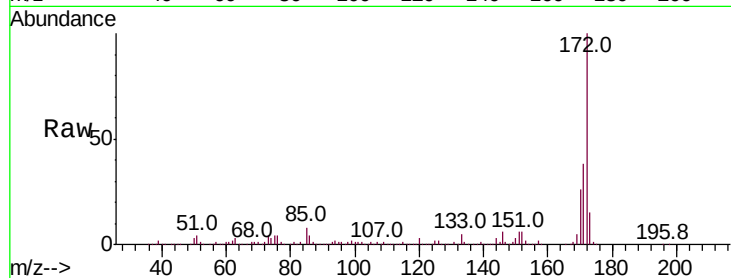




#45
2-Fluorobiphenyl
Concen: 72.639 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

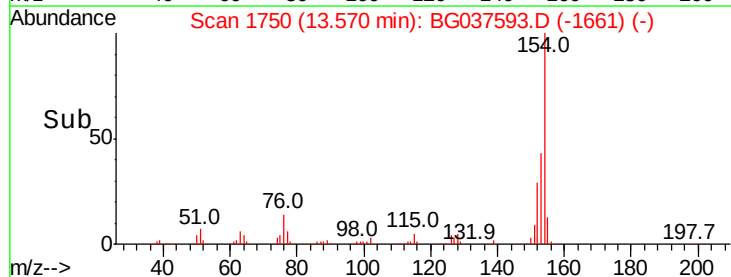
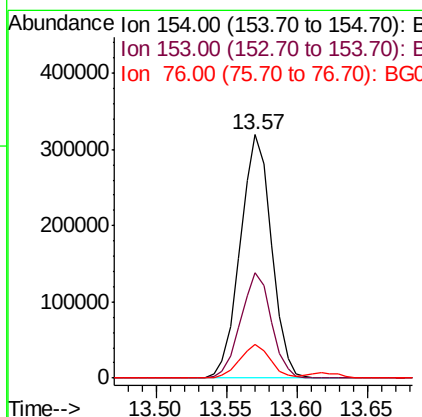
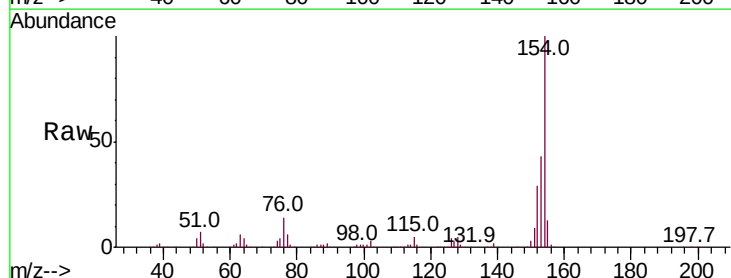
Instrument :
BNA_G
ClientSampleId :
PB114204BS

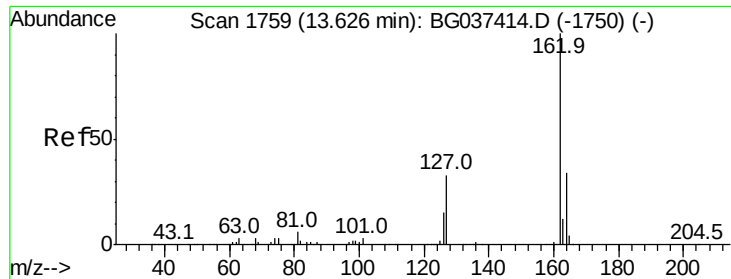
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.8	20.2	30.2



#46
1,1'-Biphenyl
Concen: 35.843 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.1	62.1
76	13.7	0.0	33.2

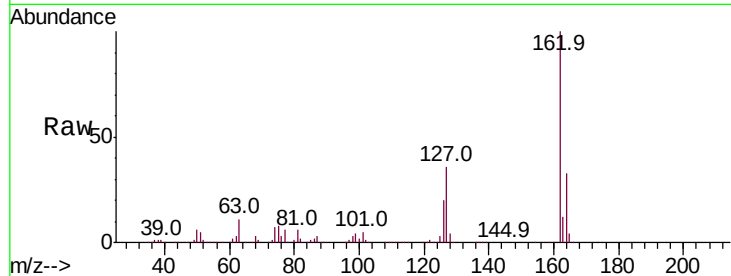




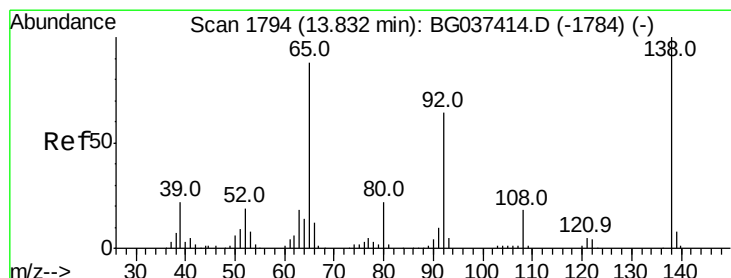
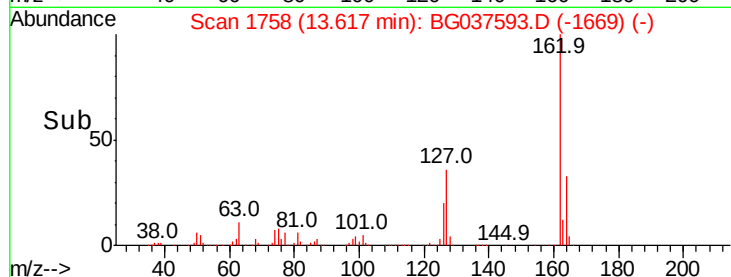
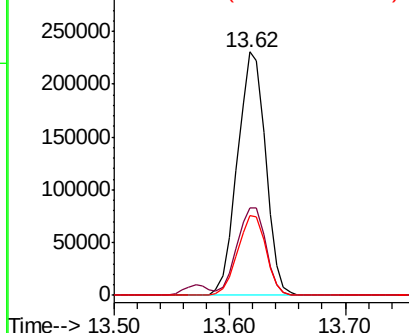
#47
 2-Chloronaphthalene
 Concen: 37.347 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.5	45.7
164	32.9	26.4	39.6

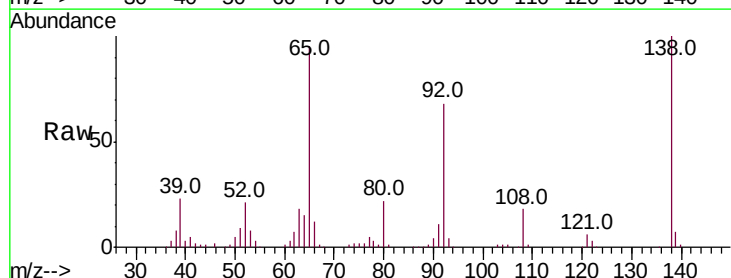


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

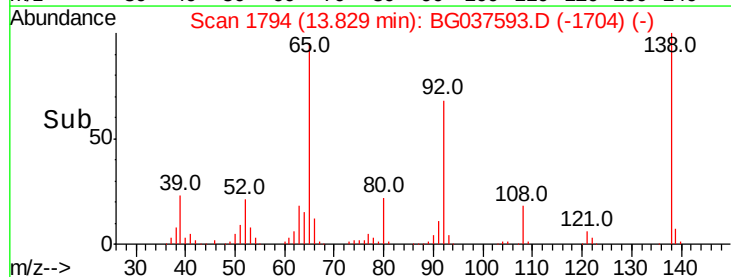
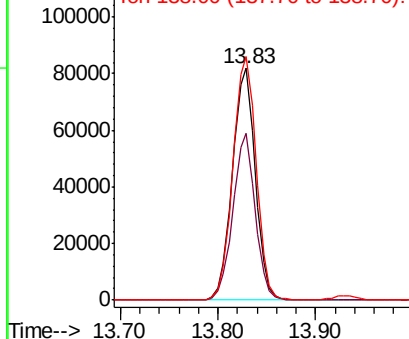


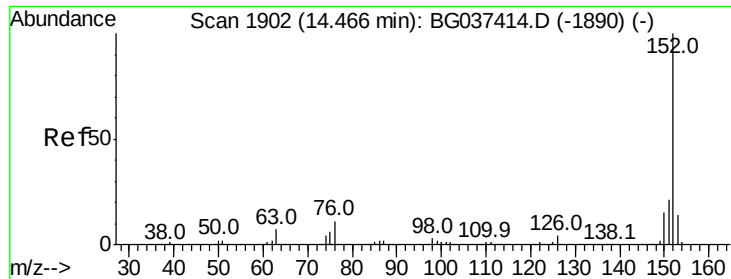
#48
 2-Nitroaniline
 Concen: 42.063 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.2	79.8
138	105.1	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: 42.118 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

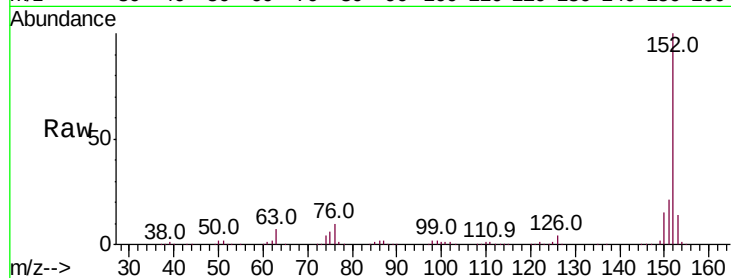
Tot Ion:152 Resp: 660426

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

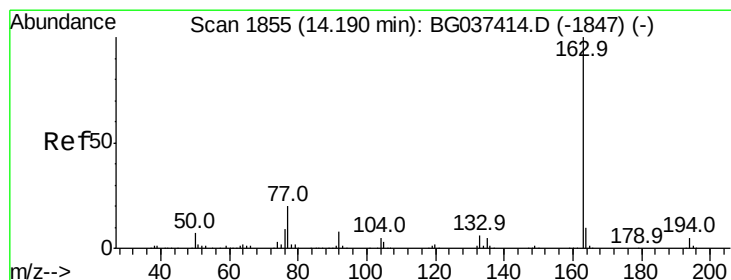
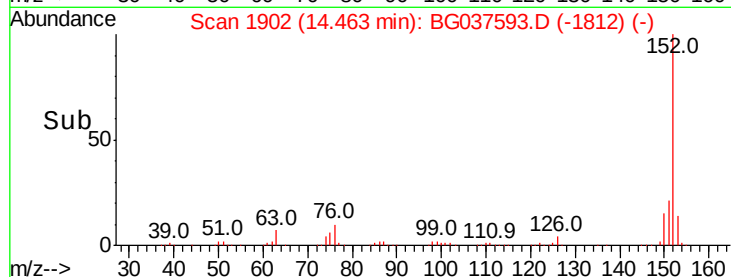
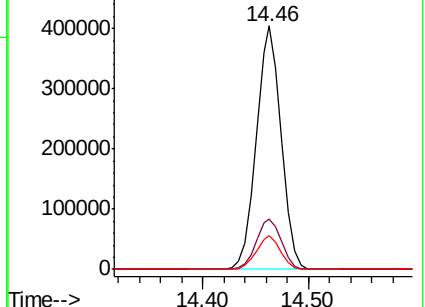
153 14.0 11.1 16.7



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: 40.368 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

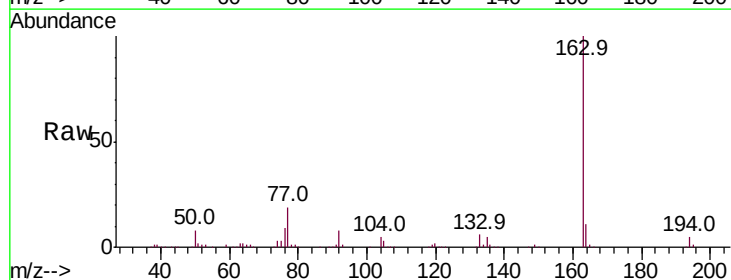
Tgt Ion:163 Resp: 519562

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

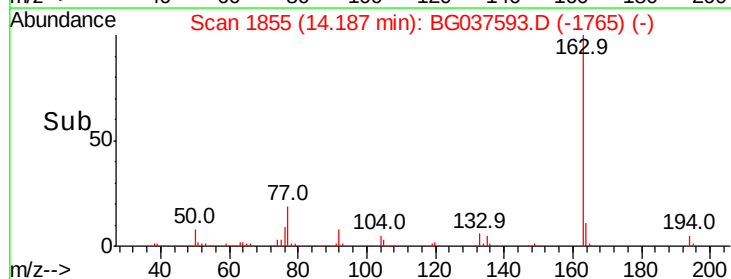
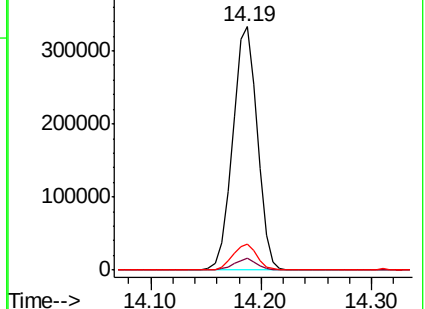
164 10.6 8.5 12.7

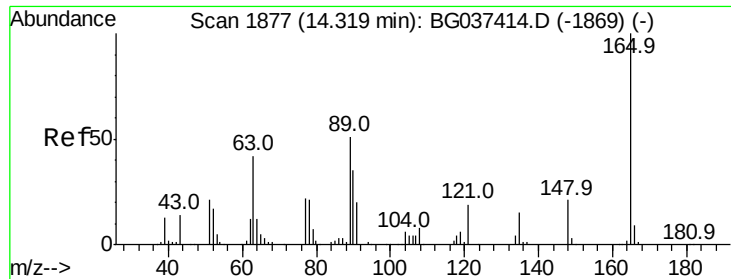


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

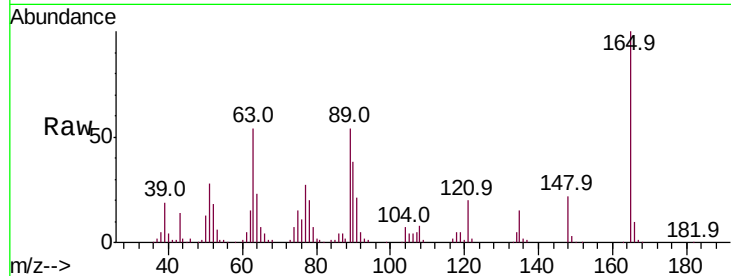




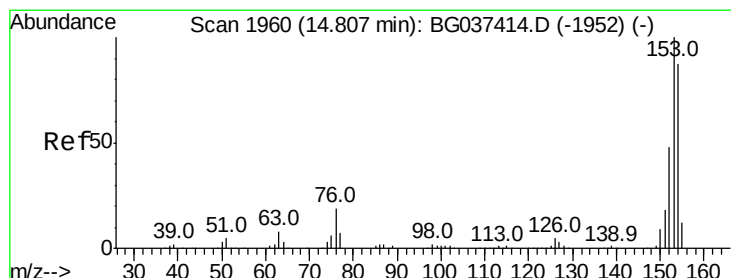
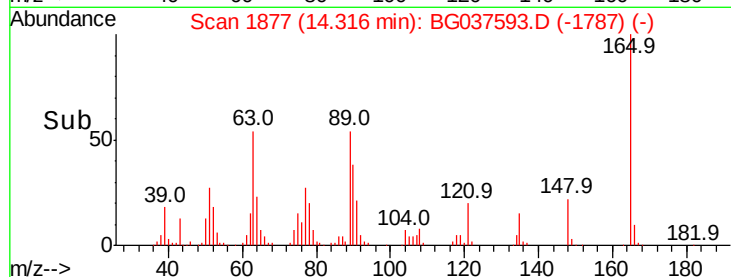
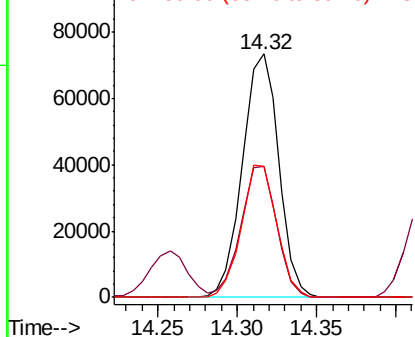
#51
2,6-Dinitrotoluene
Concen: 41.037 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:165 Resp: 116842
Ion Ratio Lower Upper
165 100
63 53.9 43.4 65.2
89 53.7 45.8 68.6

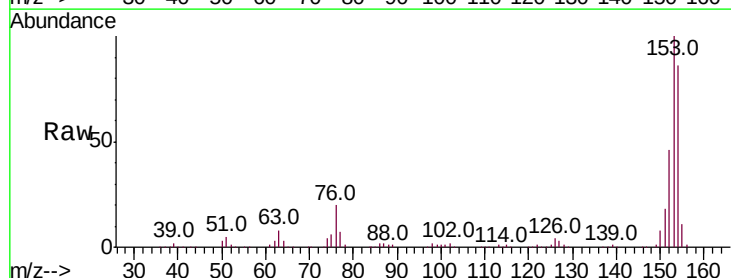


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

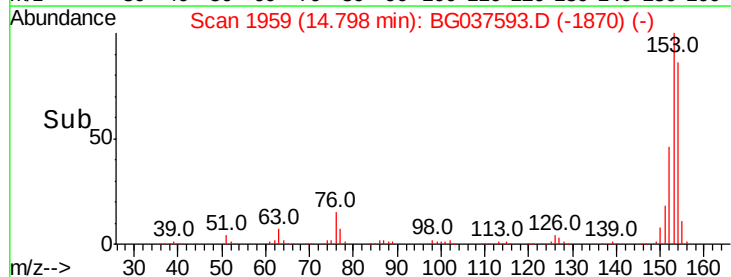
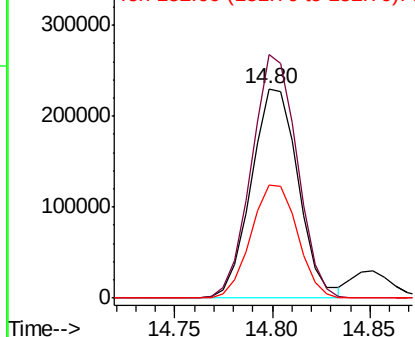


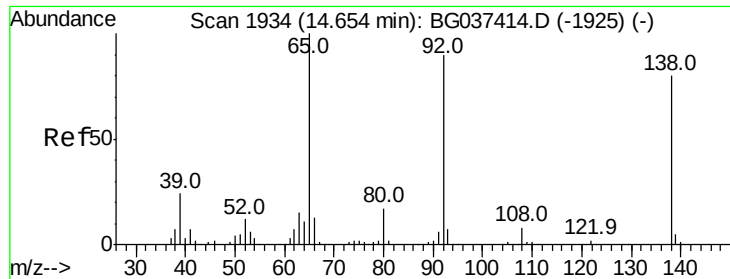
#52
Acenaphthene
Concen: 39.783 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:154 Resp: 384181
Ion Ratio Lower Upper
154 100
153 116.3 93.4 140.0
152 54.0 44.7 67.1



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

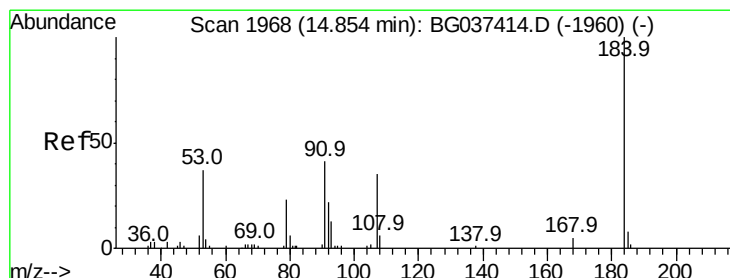
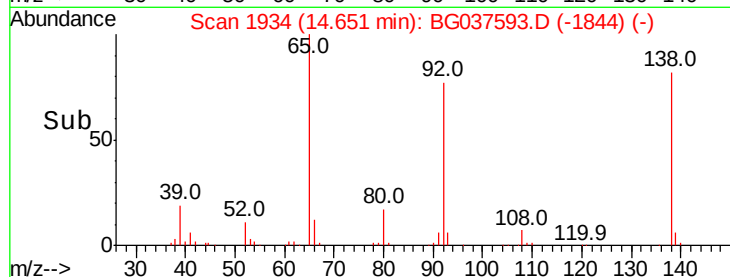
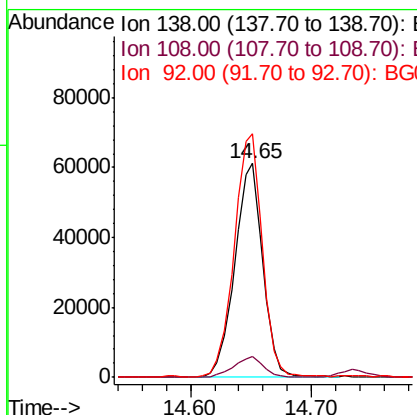
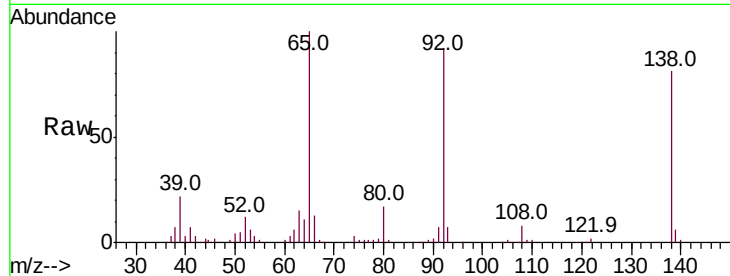




#53
 3-Nitroaniline
 Concen: 31.242 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

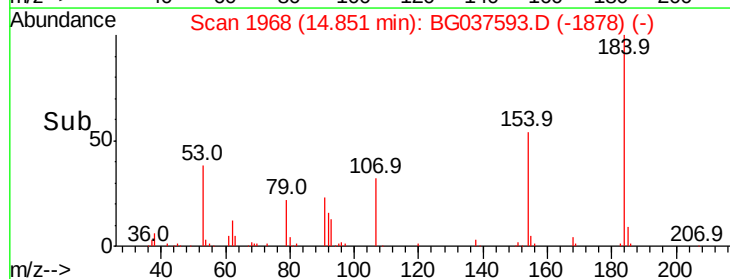
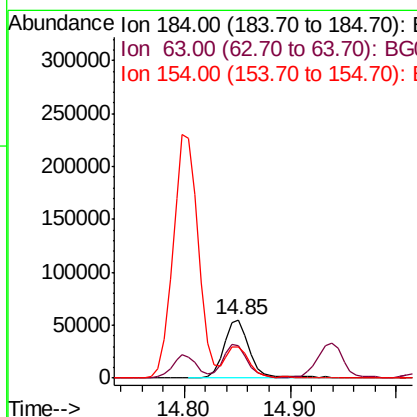
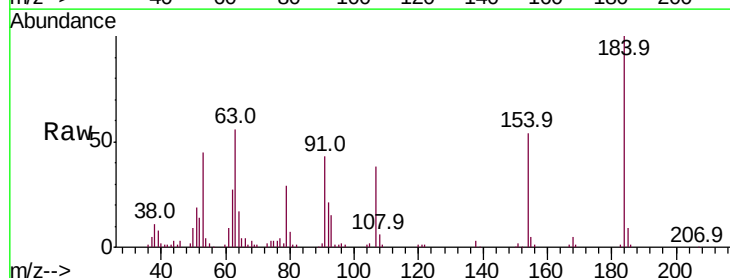
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

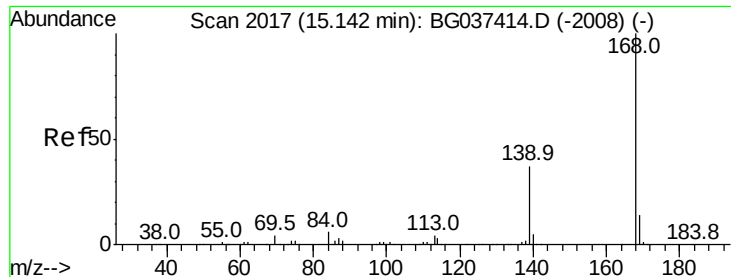
Tot Ion:138 Resp: 98749
 Ion Ratio Lower Upper
 138 100
 108 9.7 11.0 16.6#
 92 113.8 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 75.453 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion:184 Resp: 91764
 Ion Ratio Lower Upper
 184 100
 63 55.9 42.6 63.8
 154 54.2 41.8 62.6

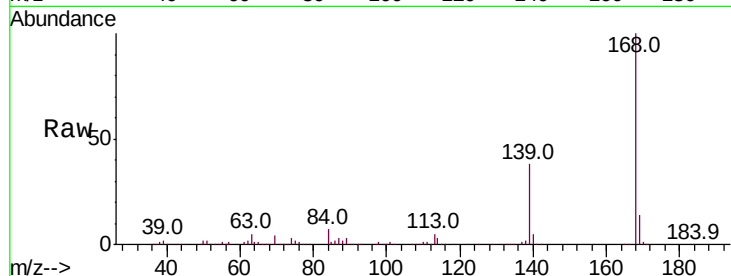




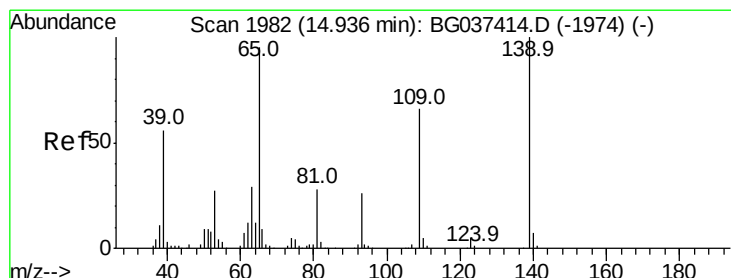
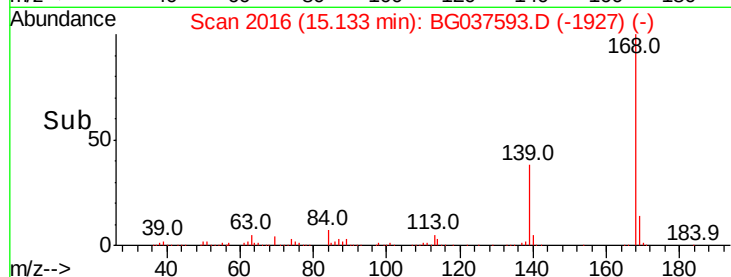
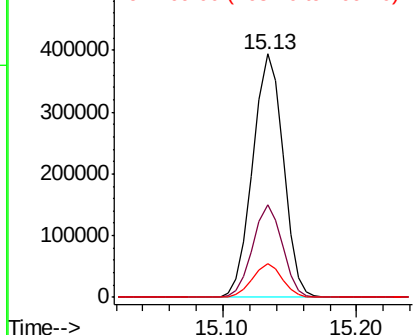
#55
Dibenzofuran
Concen: 38.864 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:168 Resp: 621821
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0
169 13.9 11.0 16.6

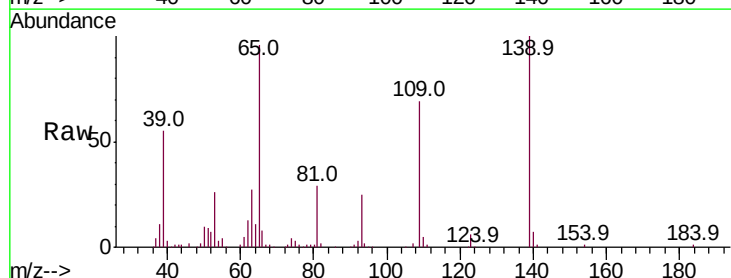


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

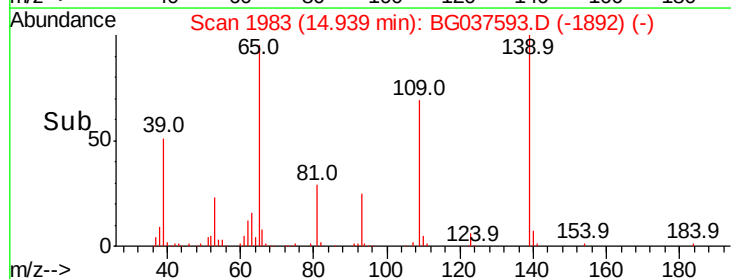
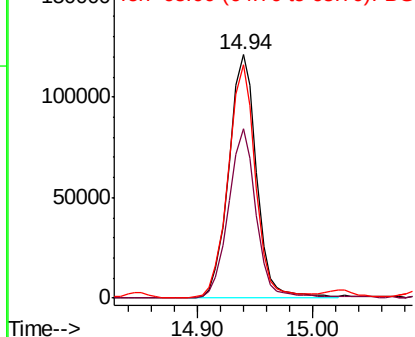


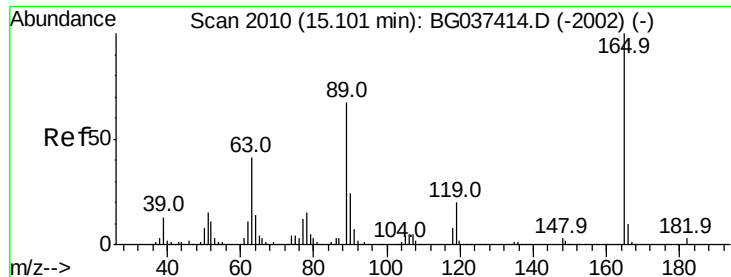
#56
4-Nitrophenol
Concen: 86.630 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:139 Resp: 202683
Ion Ratio Lower Upper
139 100
109 69.4 49.5 89.5
65 96.0 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

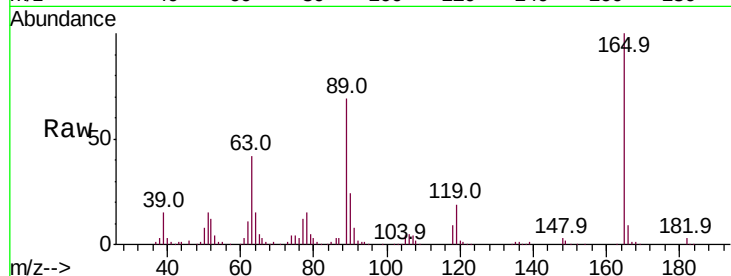




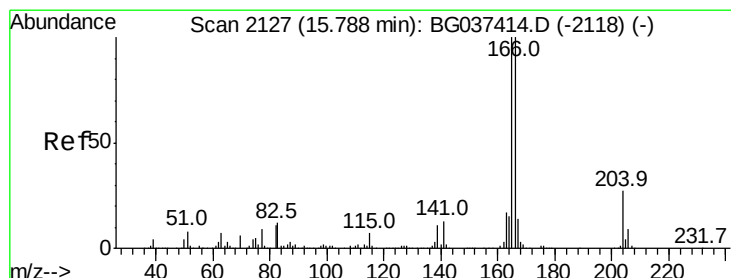
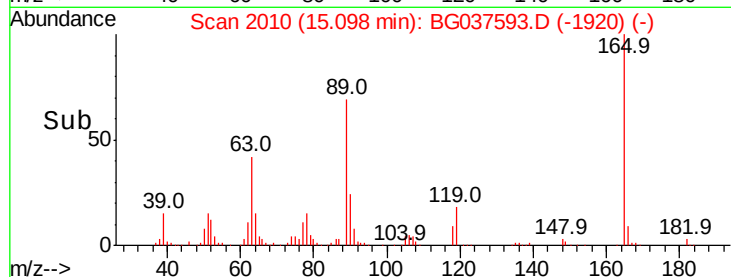
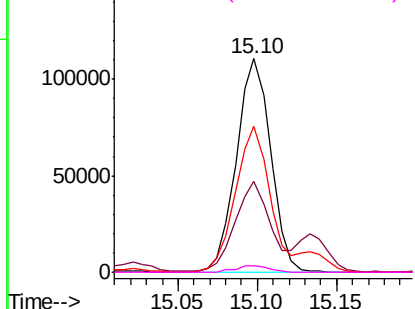
#57
2,4-Dinitrotoluene
Concen: 44.450 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:165 Resp: 166131
Ion Ratio Lower Upper
165 100
63 42.4 33.4 50.0
89 68.6 57.2 85.8
182 3.2 2.6 4.0

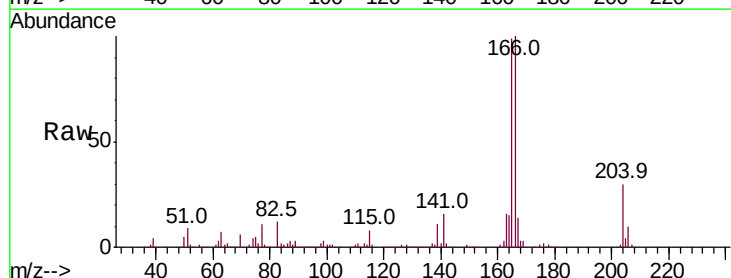


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

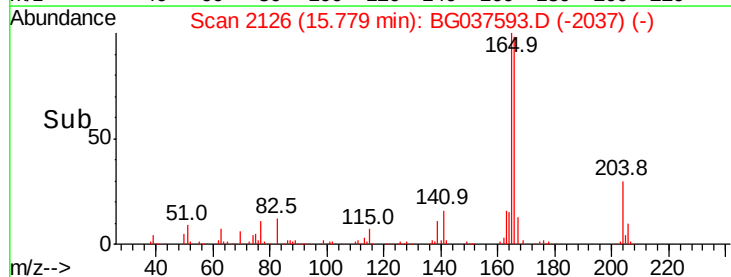
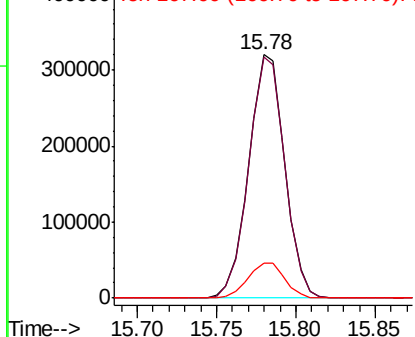


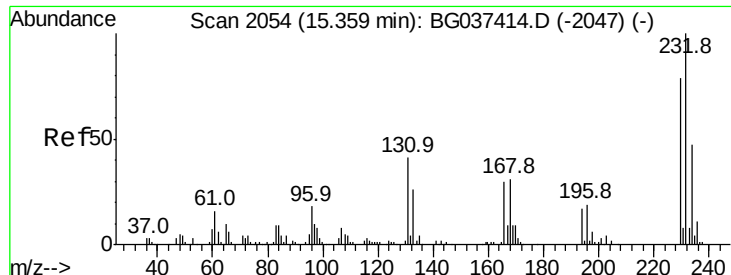
#58
Fluorene
Concen: 42.077 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:166 Resp: 504146
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 14.5 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

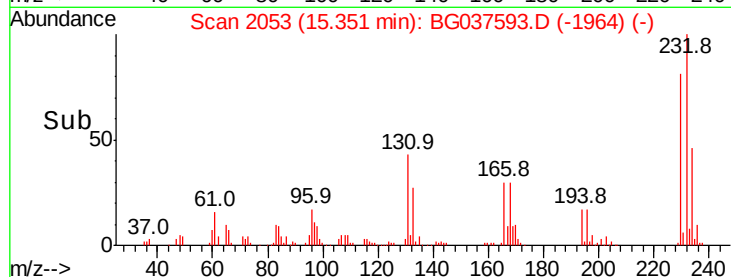
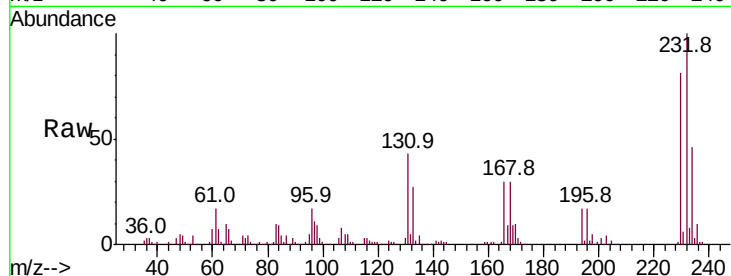




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.007 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	33.7	50.5
130	2.4	2.1	3.1
166	31.4	24.6	36.8



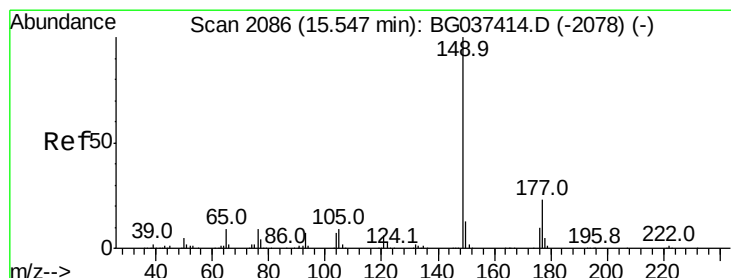
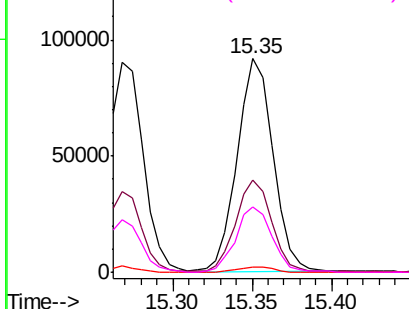
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

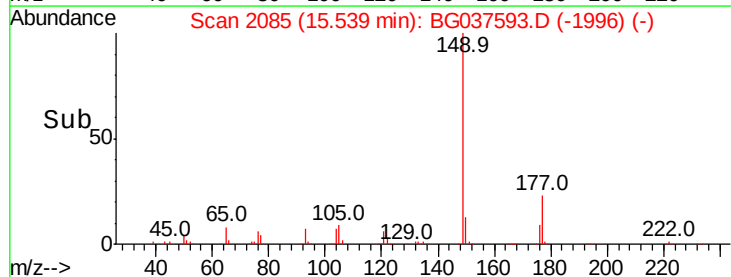
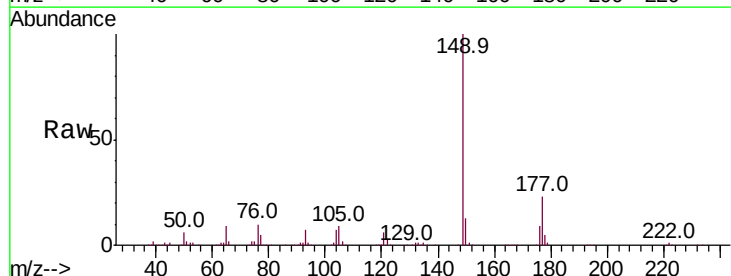
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.547 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.6	10.0	15.0

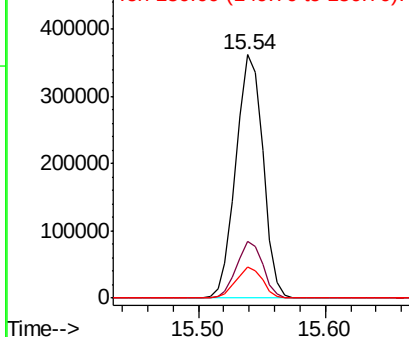


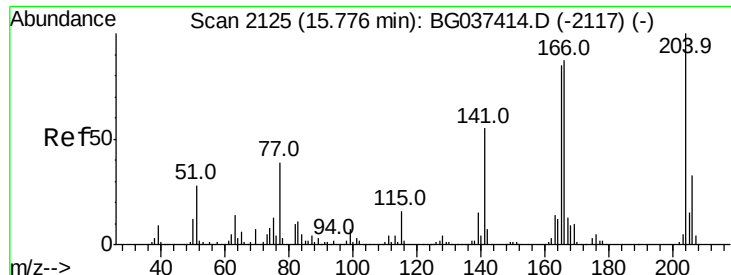
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

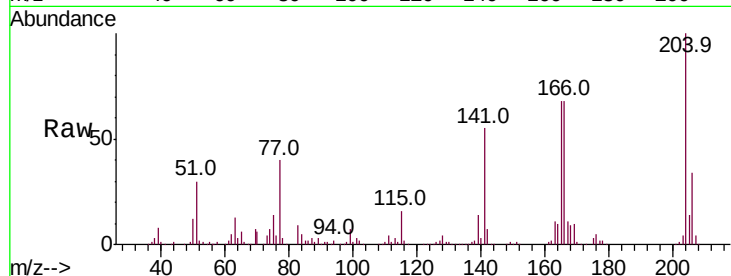




#61
 4-Chlorophenyl-phenylether
 Concen: 37.801 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	54.6	45.4	68.2

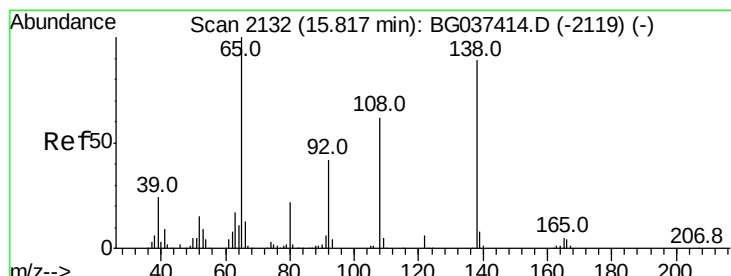
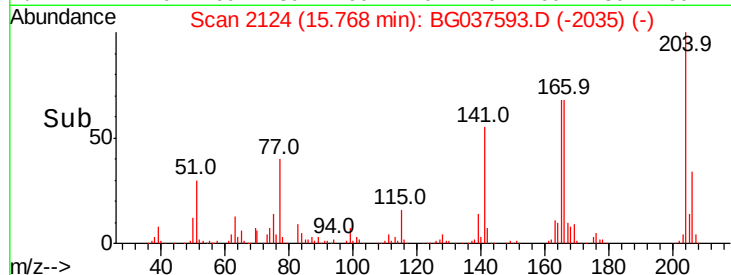
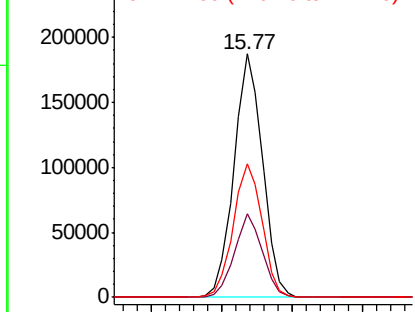


Abundance

Ion 204.00 (203.70 to 204.70): E

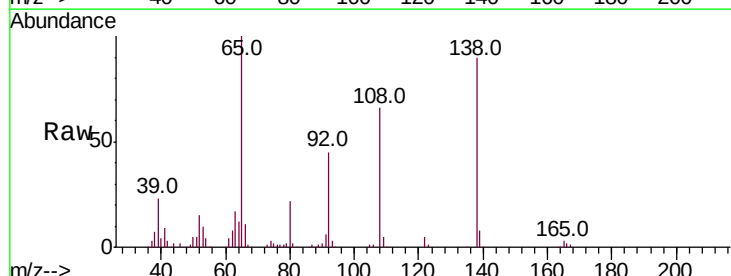
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 42.162 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	36.4	76.4
108	72.7	60.1	100.1

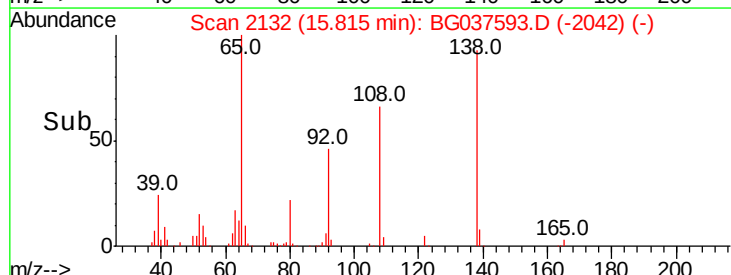
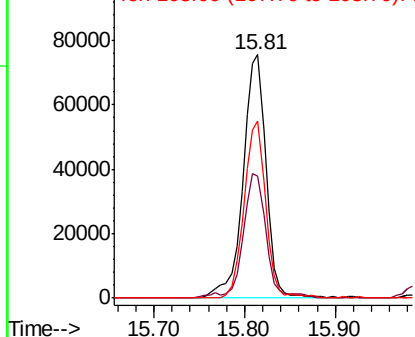


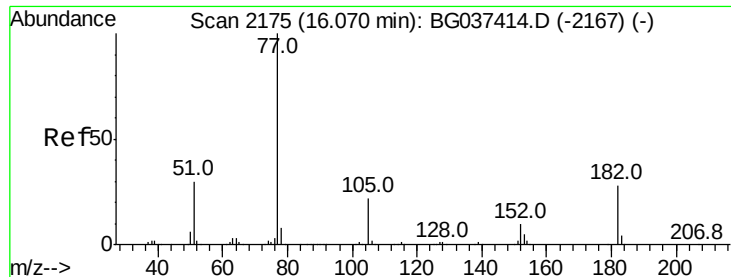
Abundance

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

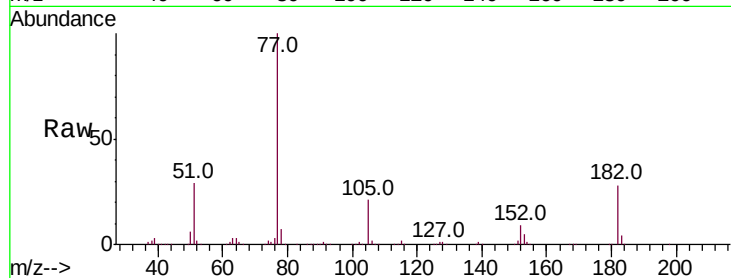




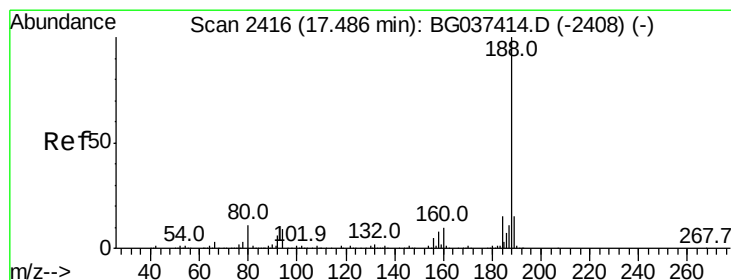
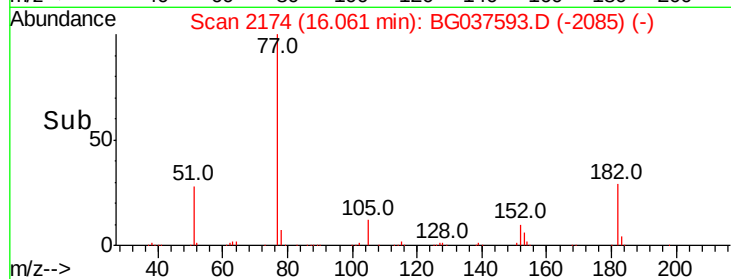
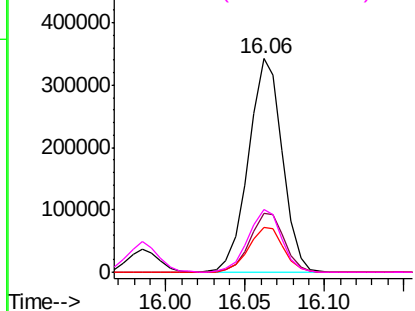
#63
Azobenzene
Concen: 40.172 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	8.0	48.0	
105	20.9	1.3	41.3	
51	29.4	10.7	50.7	

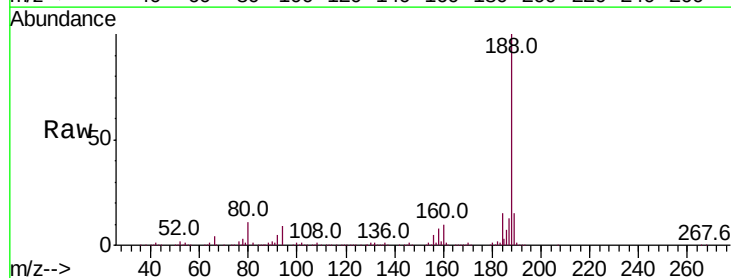


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

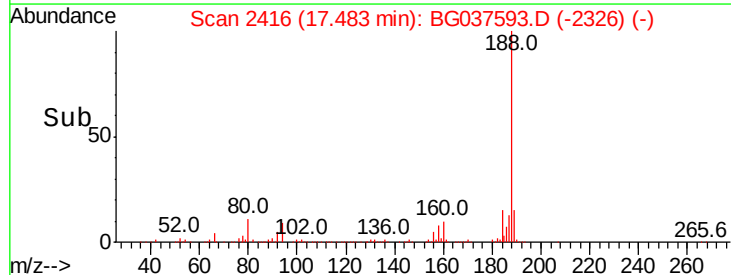
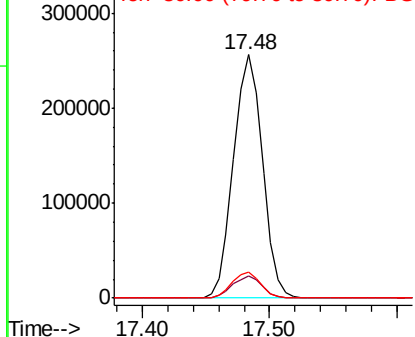


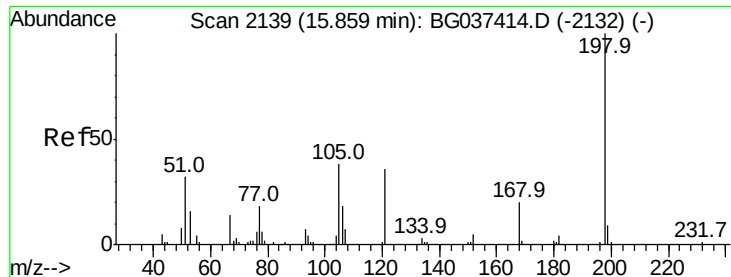
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.2	10.8	
80	10.6	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

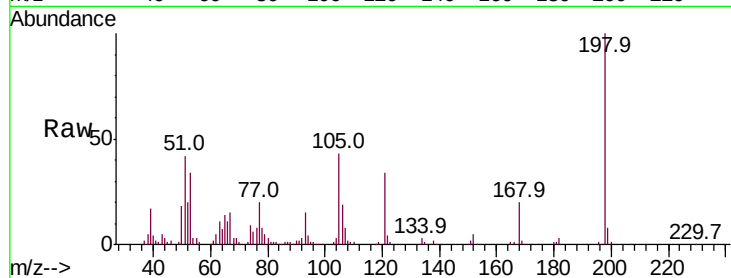




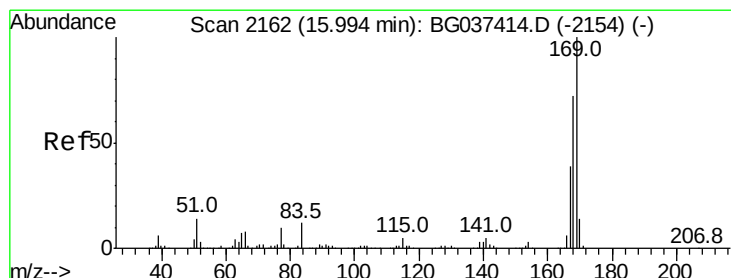
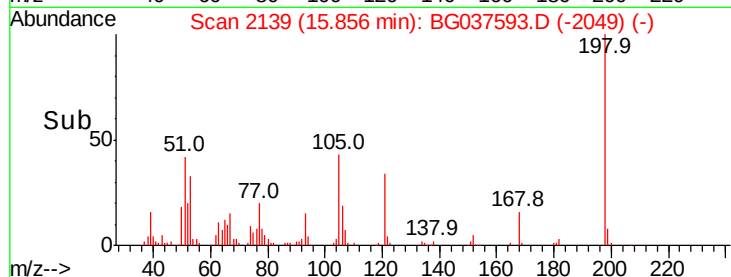
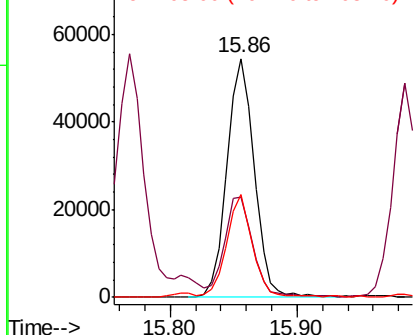
#65
4,6-Dinitro-2-methylphenol
Concen: 39.910 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:198 Resp: 81201
Ion Ratio Lower Upper
198 100
51 42.0 22.7 62.7
105 43.0 19.7 59.7

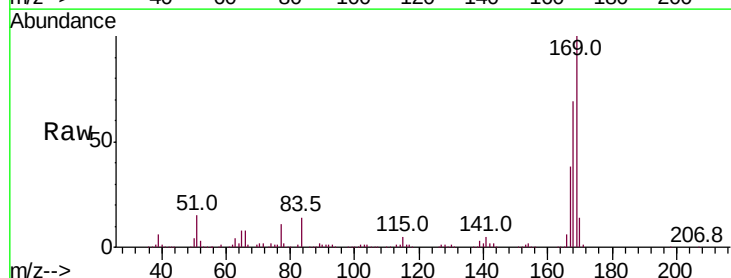


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

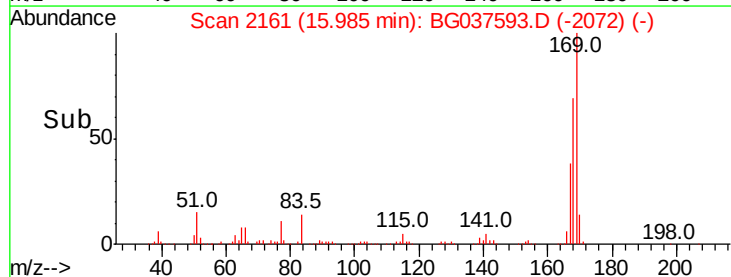
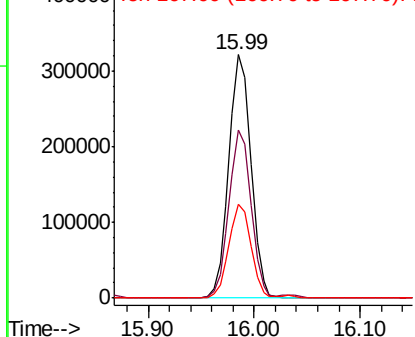


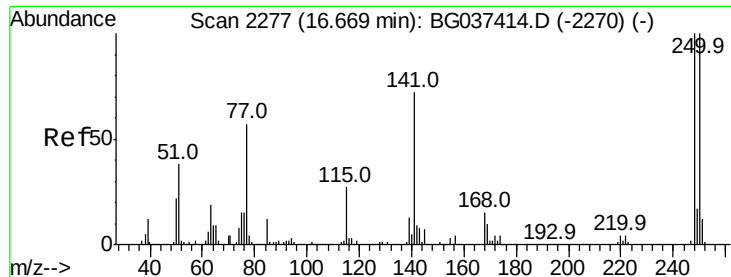
#66
n-Nitrosodiphenylamine
Concen: 38.207 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:169 Resp: 465940
Ion Ratio Lower Upper
169 100
168 69.3 55.7 83.5
167 38.4 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

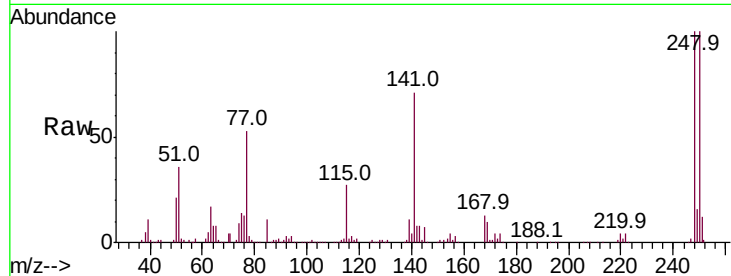




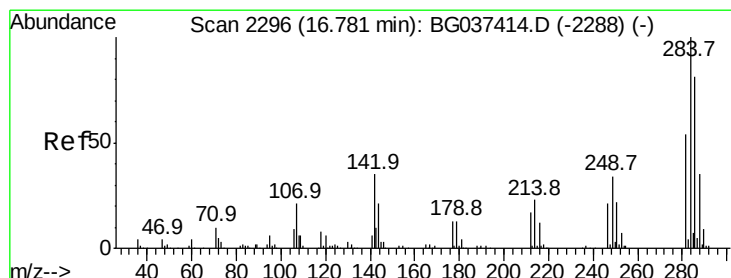
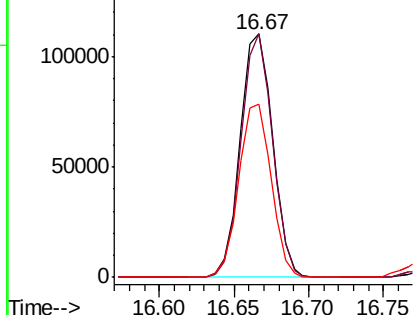
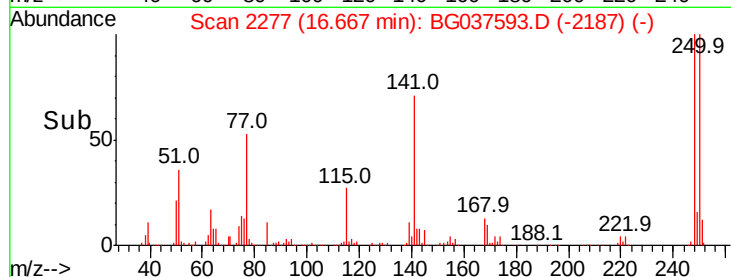
#67
 4-Bromophenyl-phenylether
 Concen: 37.340 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

Tot Ion:248 Resp: 166245
 Ion Ratio Lower Upper
 248 100
 250 99.9 77.0 115.6
 141 71.2 55.5 83.3

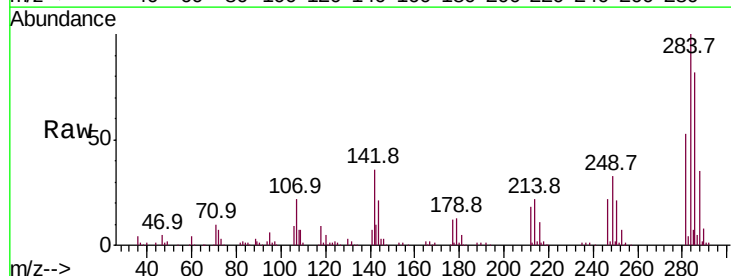


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

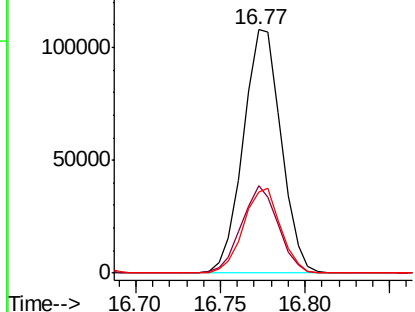
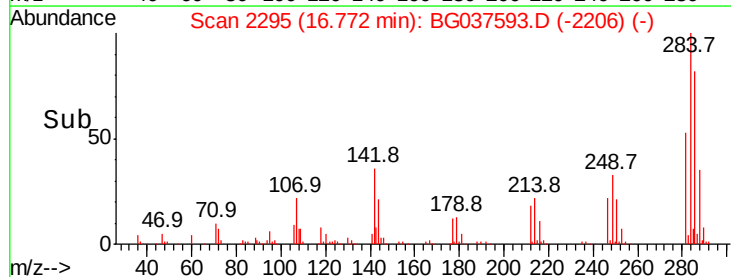


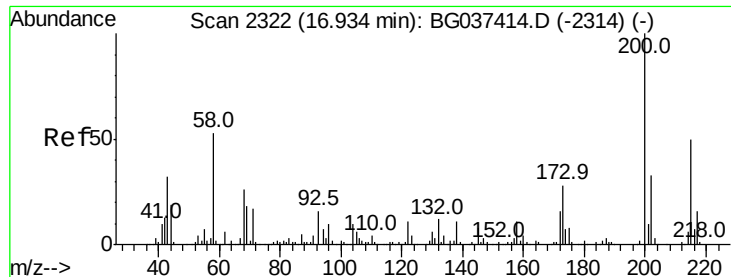
#68
 Hexachlorobenzene
 Concen: 36.511 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion:284 Resp: 168473
 Ion Ratio Lower Upper
 284 100
 142 36.0 28.1 42.1
 249 35.4 29.8 44.8



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

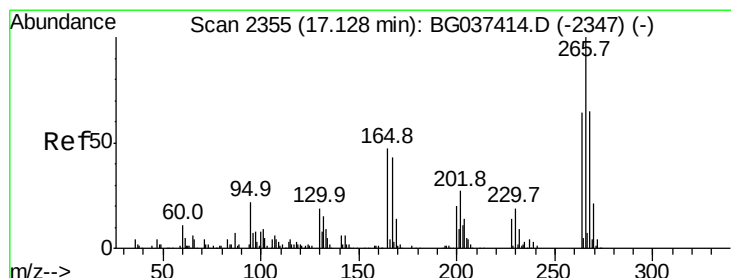
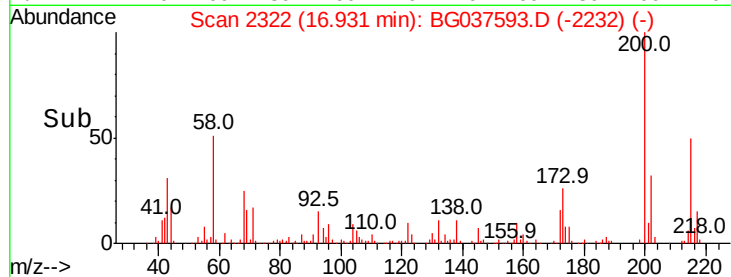
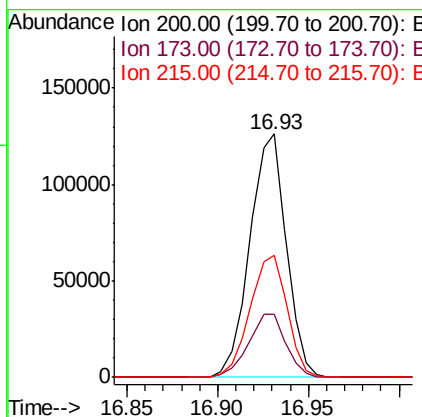
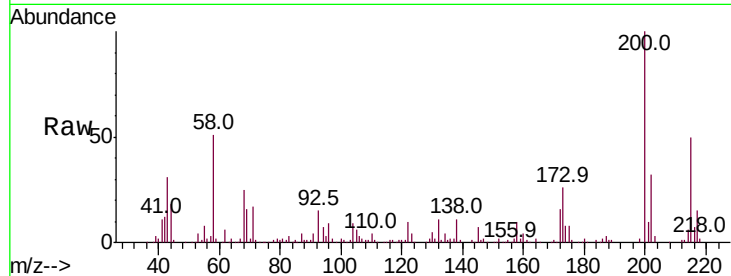




#69
 Atrazine
 Concen: 39.941 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

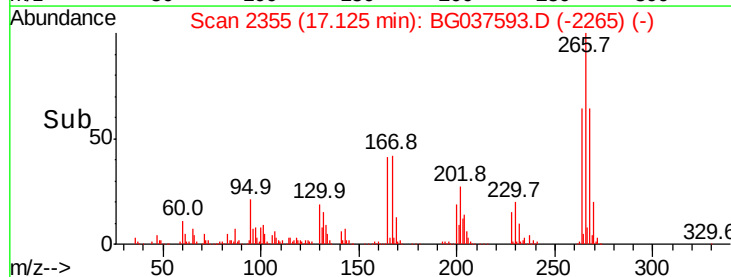
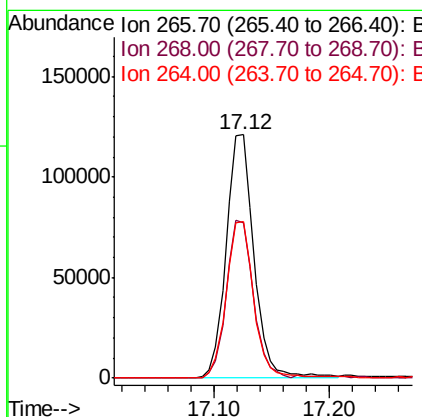
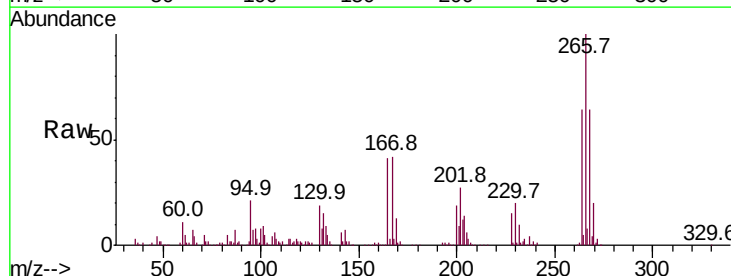
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

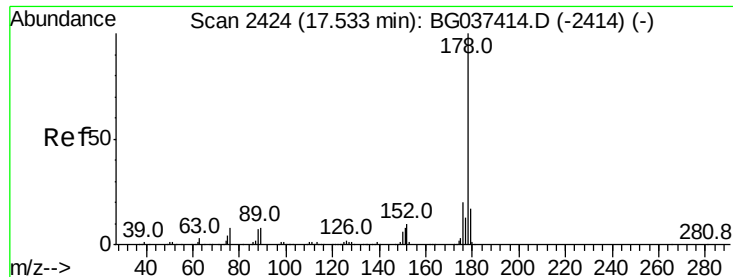
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.1	46.1
215	50.1	30.8	70.8



#70
 Pentachlorophenol
 Concen: 65.462 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	55.0	82.6
264	69.4	58.9	88.3

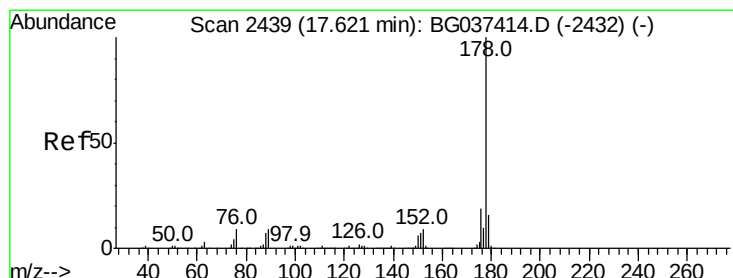
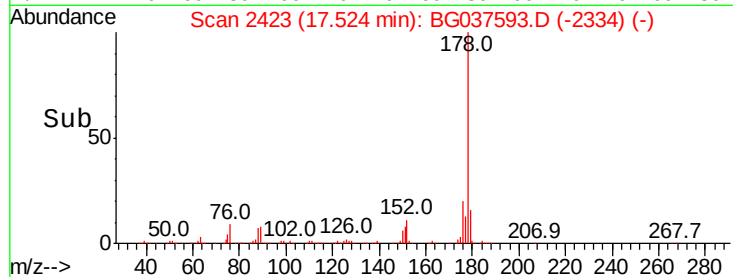
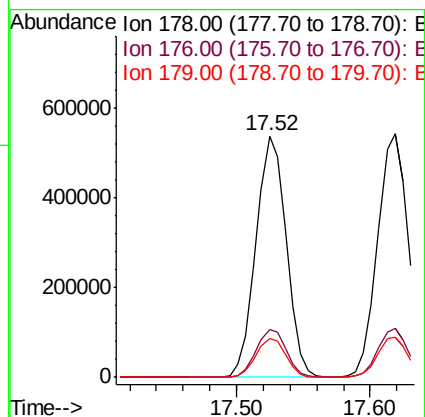
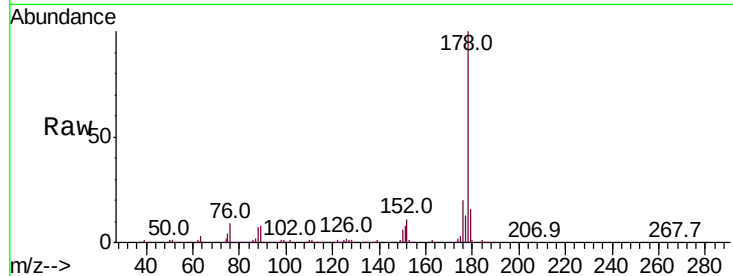




#71
Phenanthrene
Concen: 40.779 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

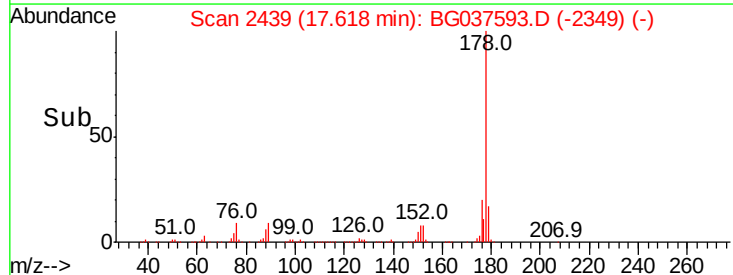
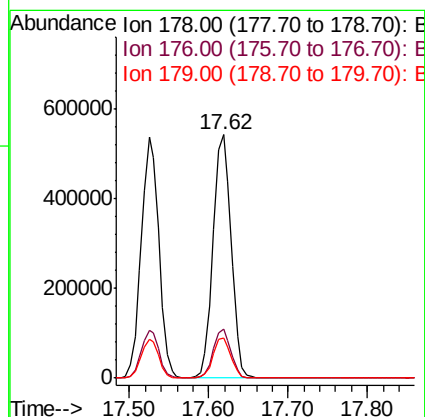
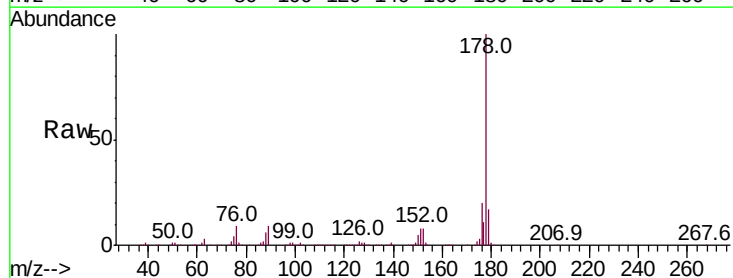
Instrument :
BNA_G
ClientSampleId :
PB114204BS

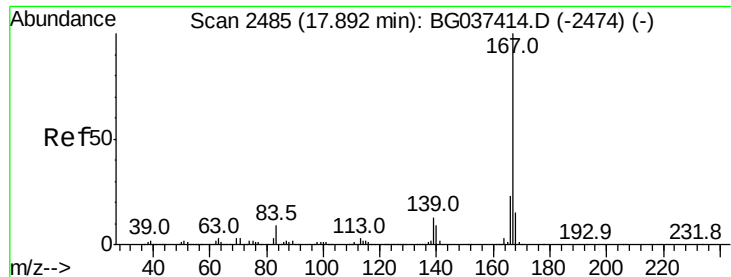
Tot Ion:178 Resp: 840252
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 42.523 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:178 Resp: 859856
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.4
179 16.5 12.8 19.2

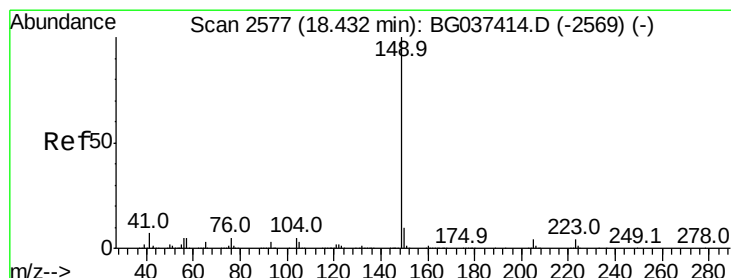
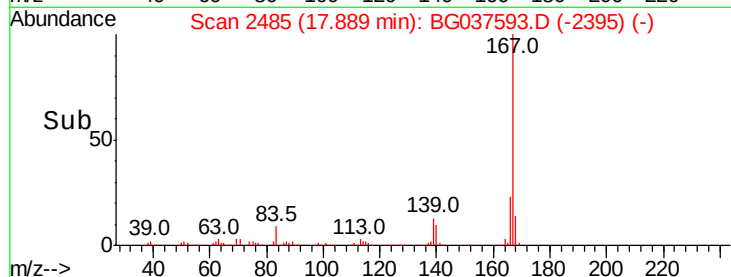
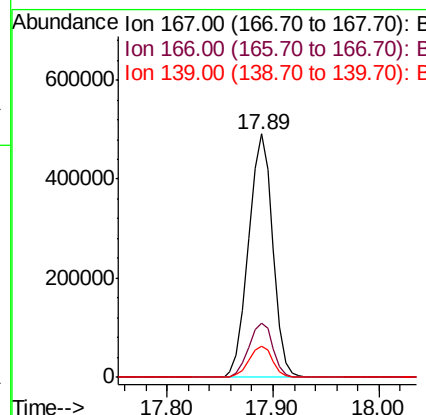
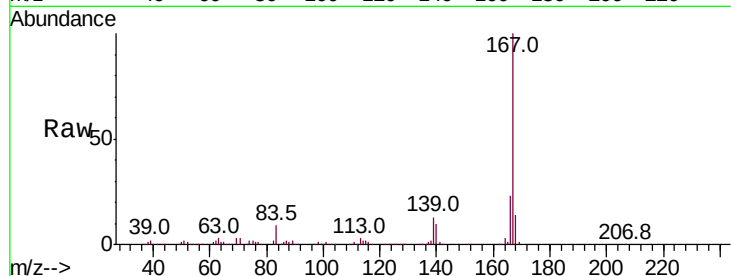




#73
 Carbazole
 Concen: 38.625 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

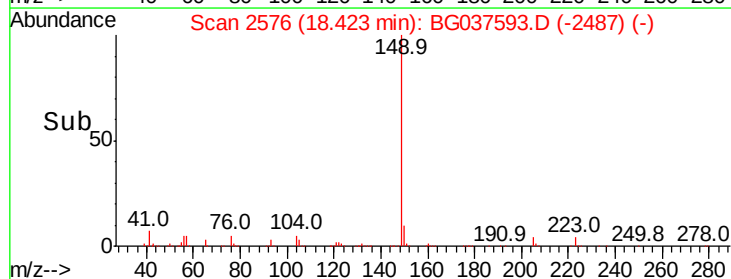
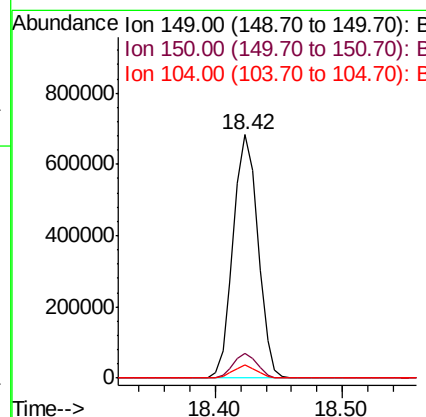
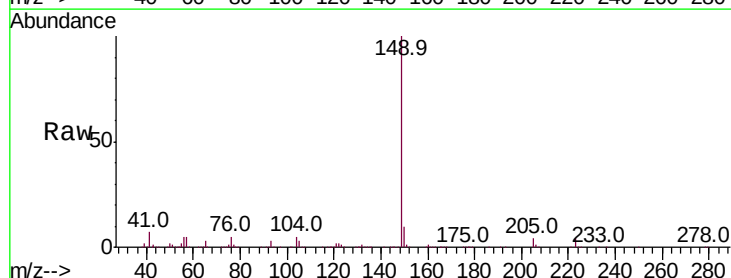
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

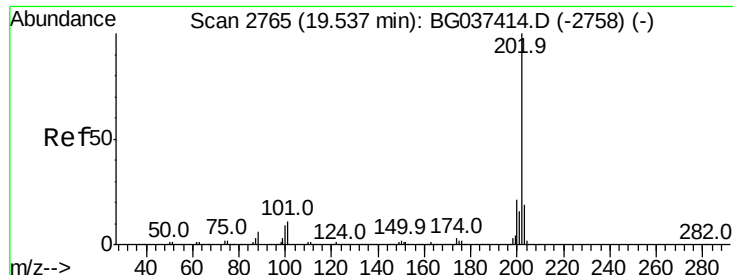
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	13.0	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 40.982 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 41.681 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

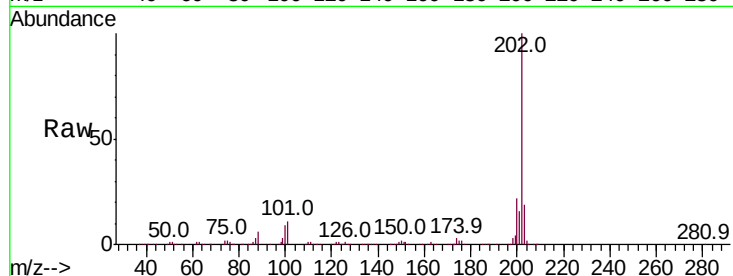
Tot Ion:202 Resp: 974083

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

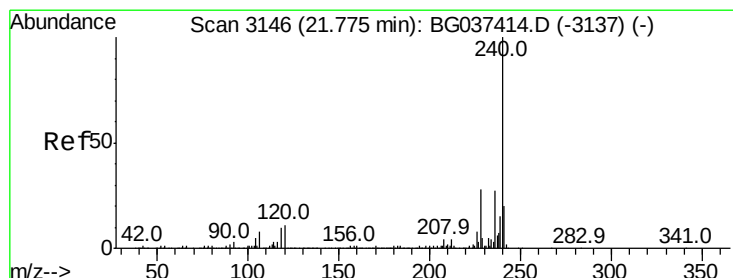
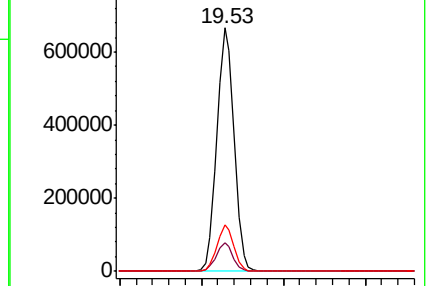
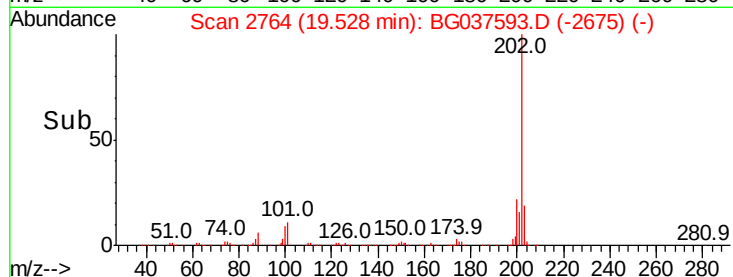
203 19.1 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

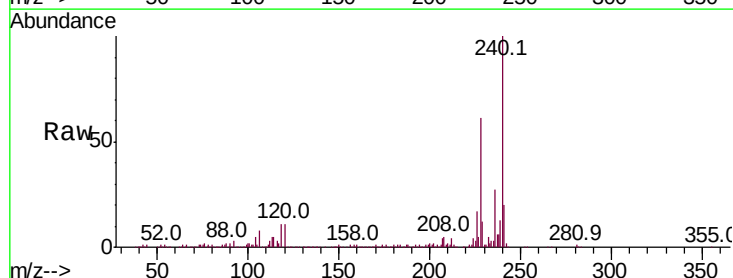
Tgt Ion:240 Resp: 363747

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

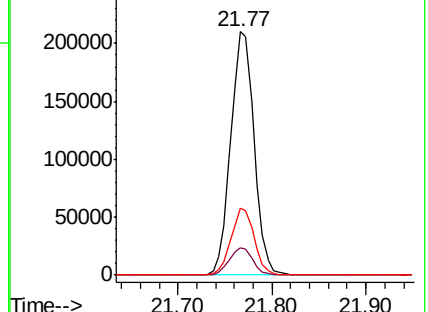
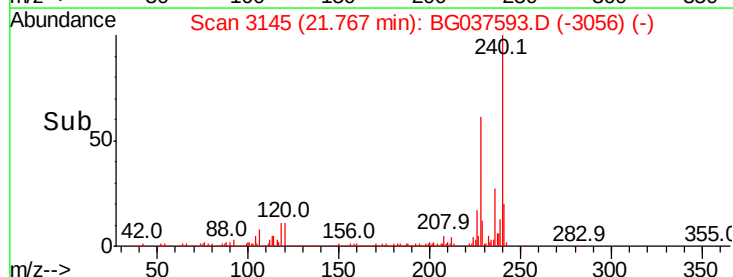
236 27.4 21.4 32.0

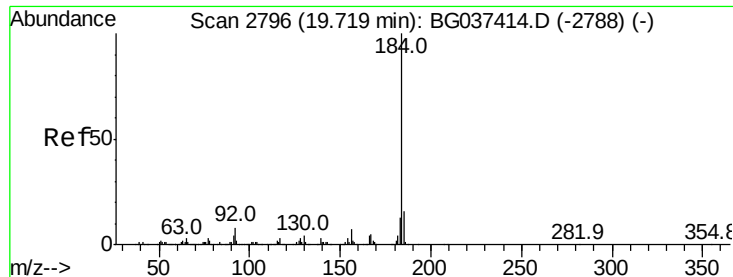


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.861 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

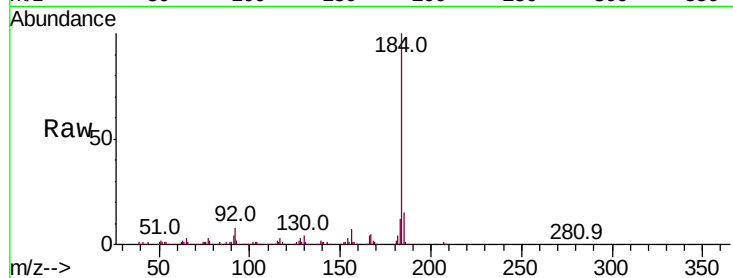
Tot Ion:184 Resp: 381698

Ion Ratio Lower Upper

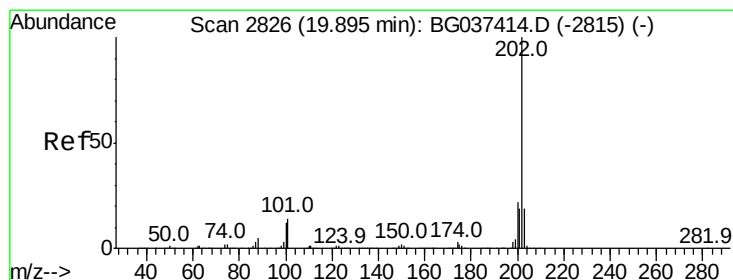
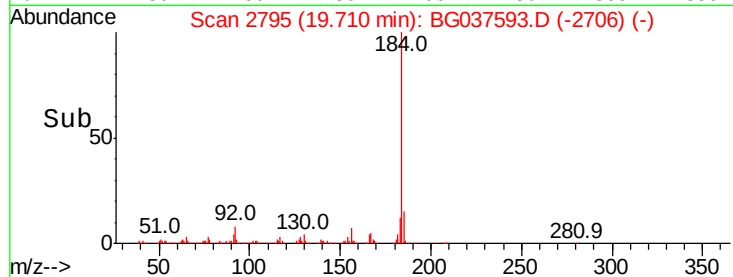
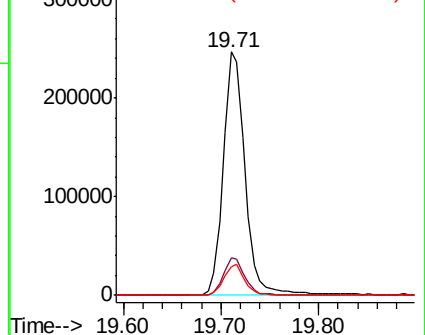
184 100

185 15.3 12.6 18.8

183 12.0 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: 40.800 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

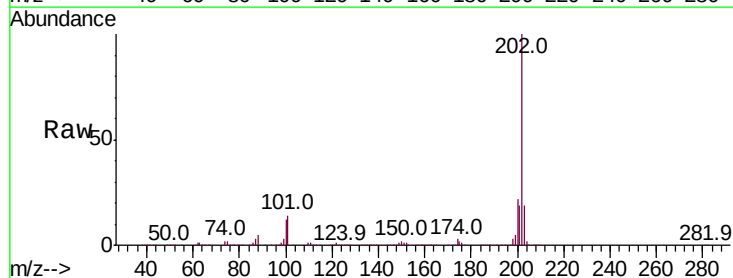
Tgt Ion:202 Resp: 970177

Ion Ratio Lower Upper

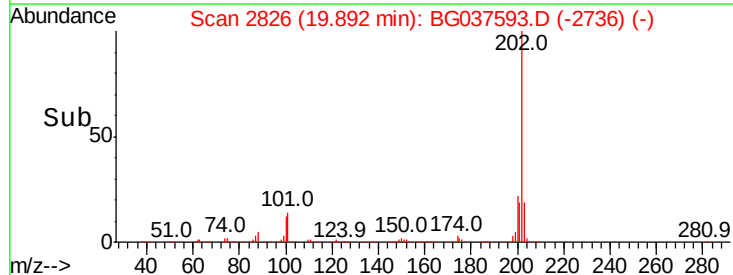
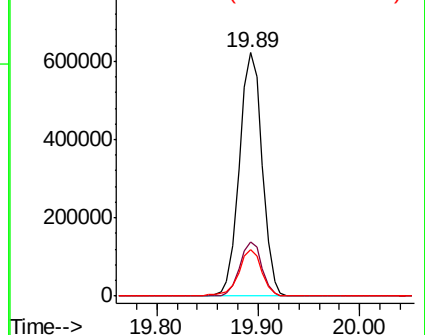
202 100

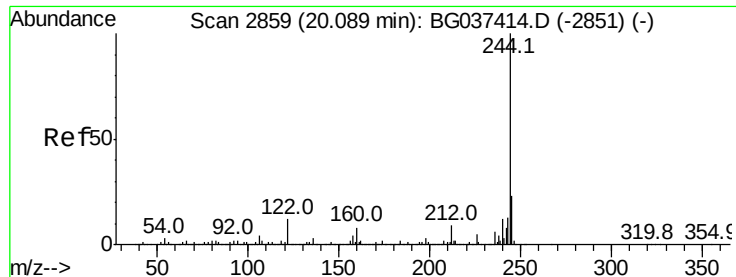
200 22.2 17.8 26.6

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: 59.985 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

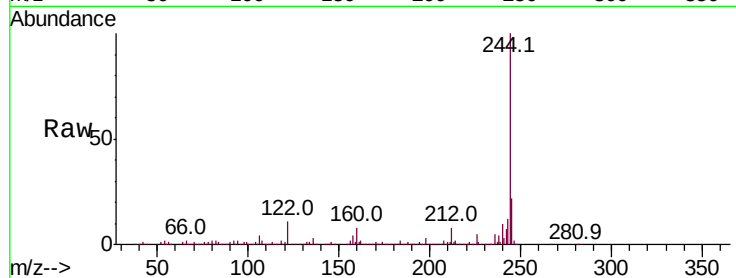
Tot Ion:244 Resp: 1021140

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

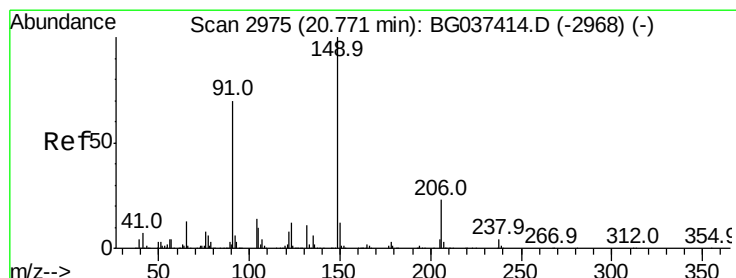
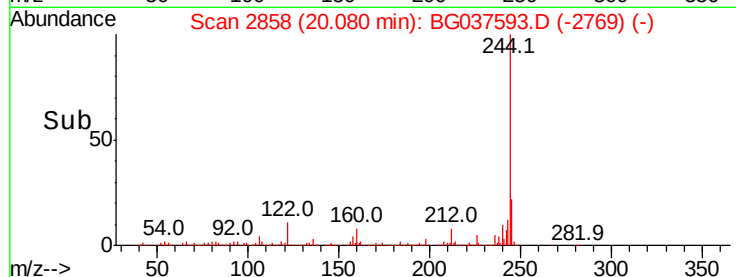
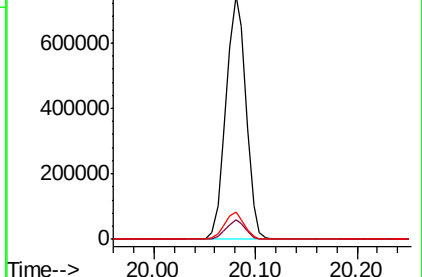
122 11.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.697 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

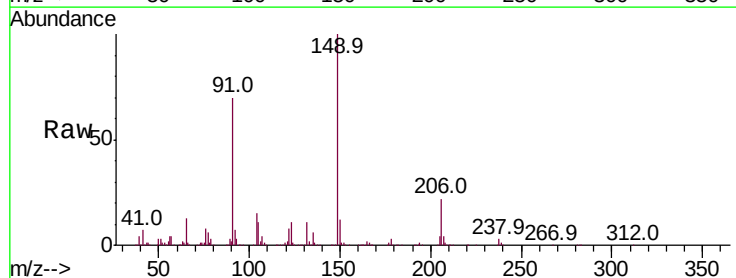
Tgt Ion:149 Resp: 415515

Ion Ratio Lower Upper

149 100

91 70.3 57.0 85.4

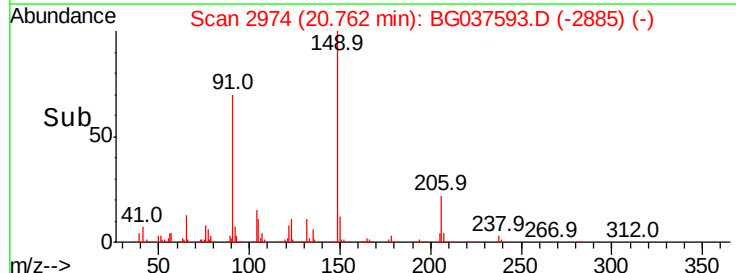
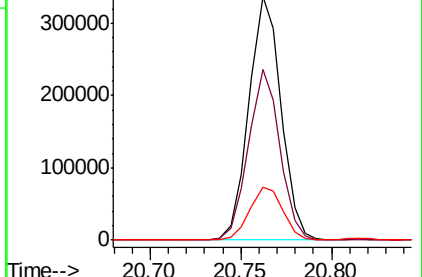
206 21.7 17.8 26.6

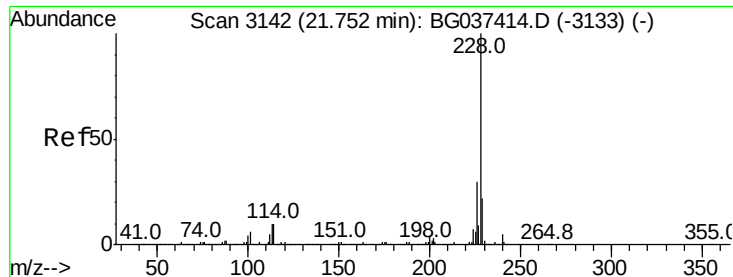


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

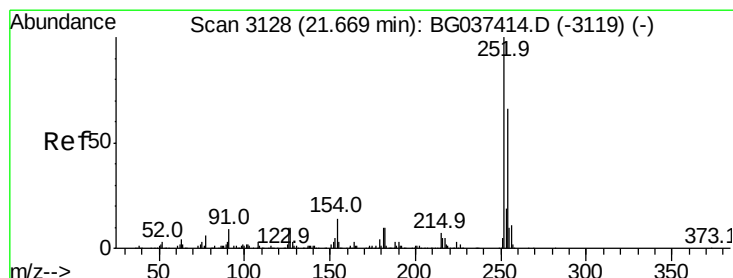
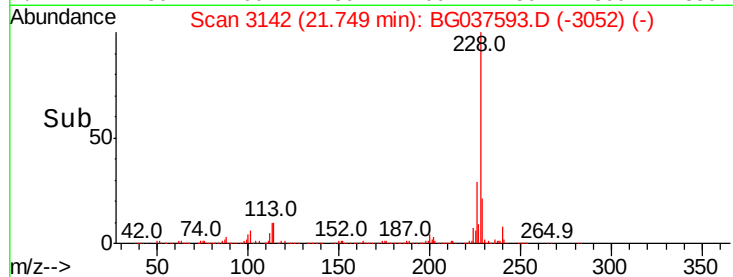
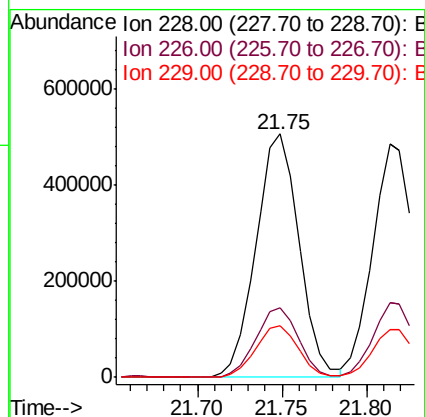
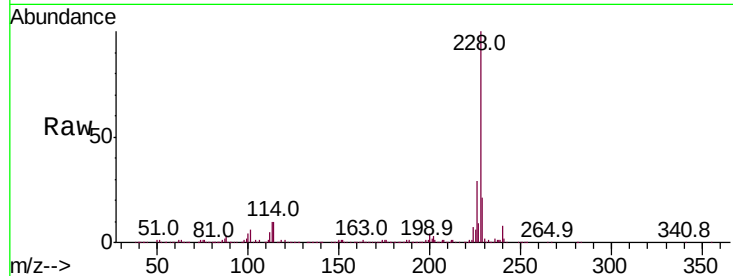




#81
Benzo(a)anthracene
Concen: 41.779 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

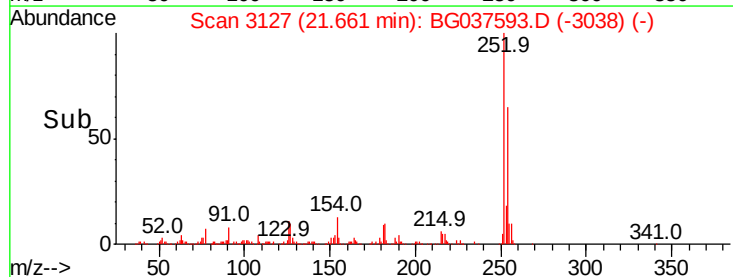
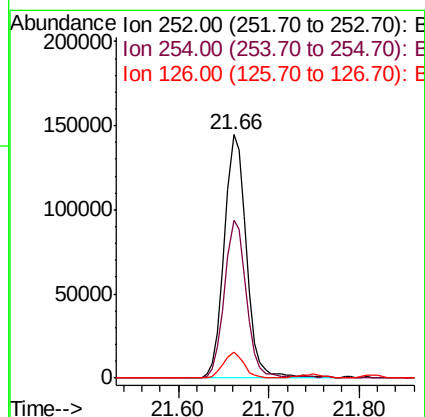
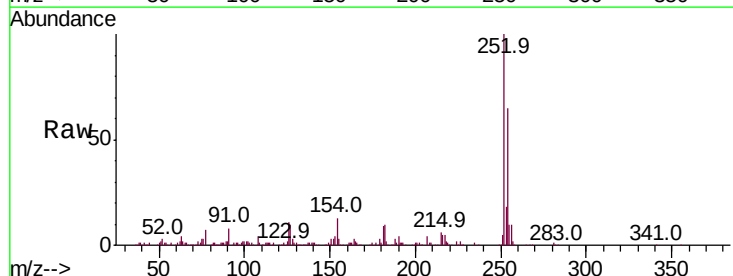
Instrument :
BNA_G
ClientSampleId :
PB114204BS

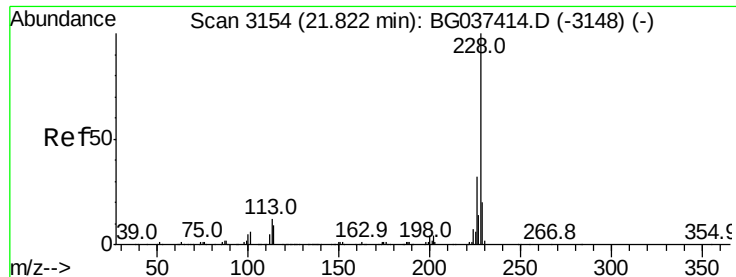
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.9	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 29.585 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.0	78.0
126	10.7	8.2	12.4





#83

Chrysene

Concen: 40.336 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB114204BS

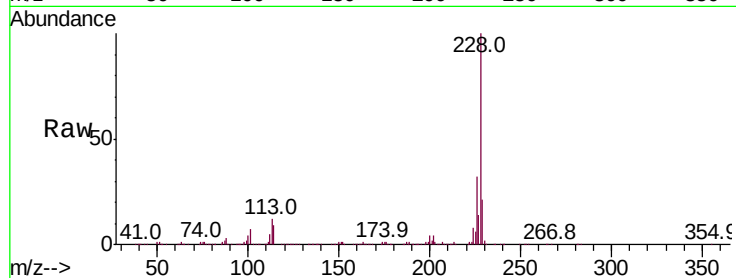
Tot Ion:228 Resp: 834491

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

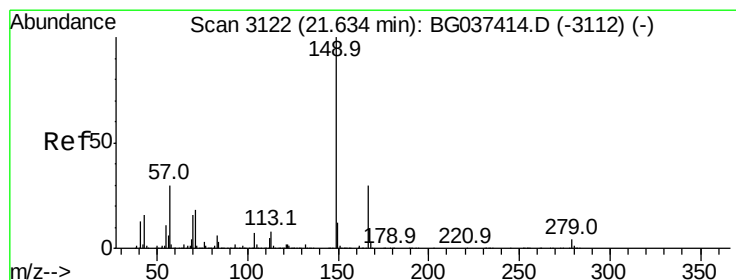
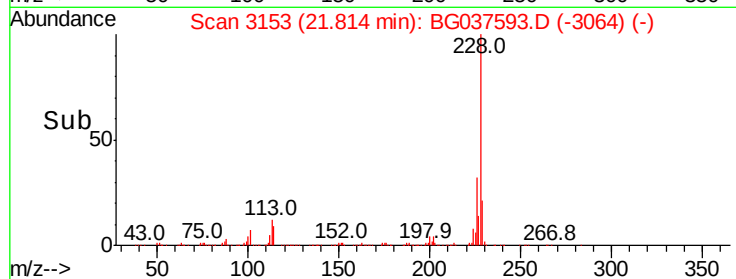
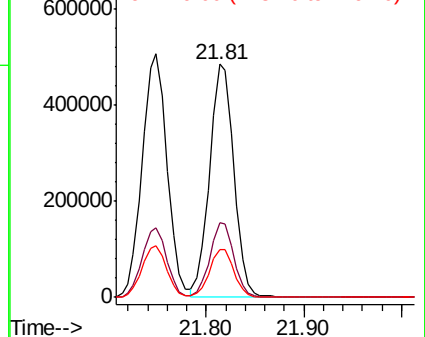
229 20.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.395 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

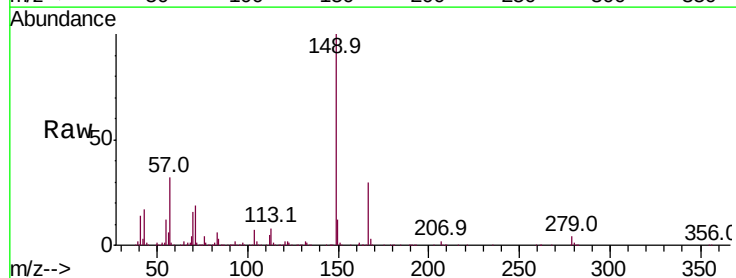
Tgt Ion:149 Resp: 578309

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

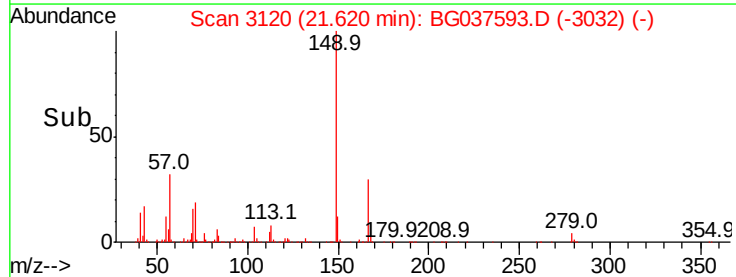
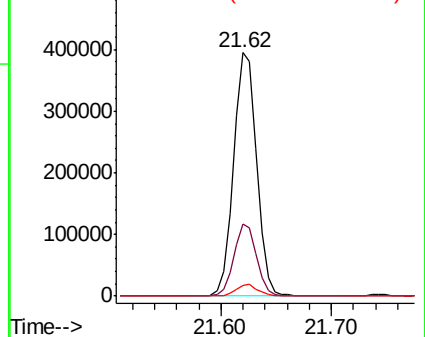
279 4.5 3.6 5.4

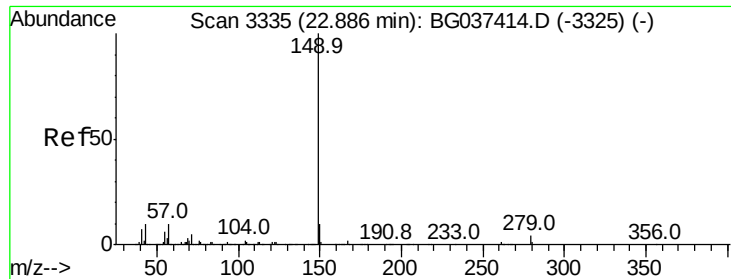


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

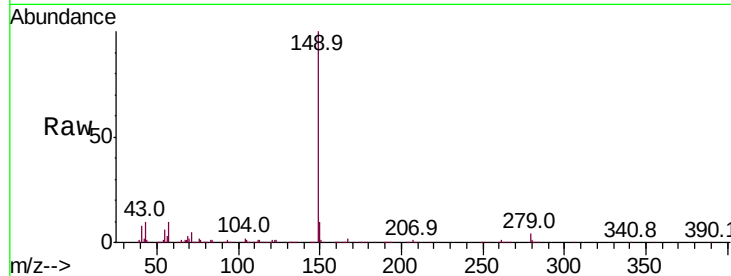




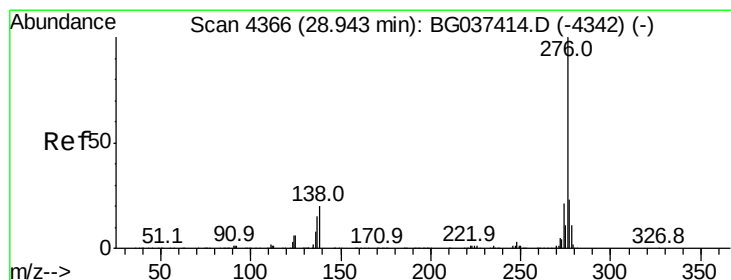
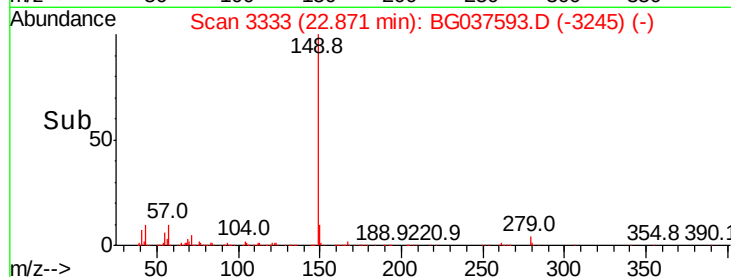
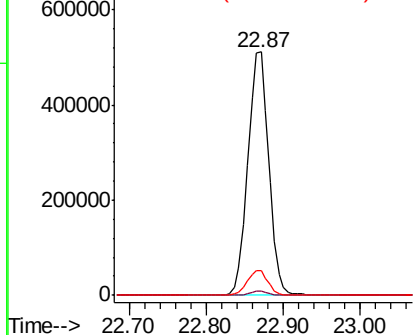
#85
Di-n-octyl phthalate
Concen: 43.885 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:149 Resp: 976185
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.7 13.1

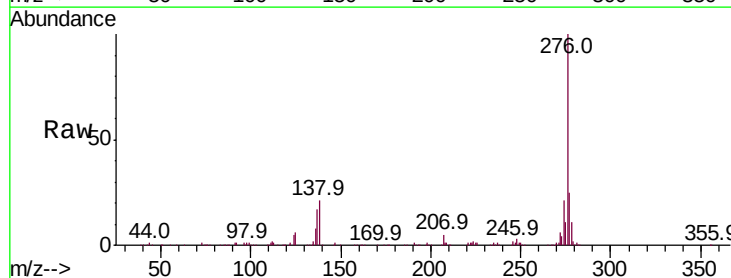


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

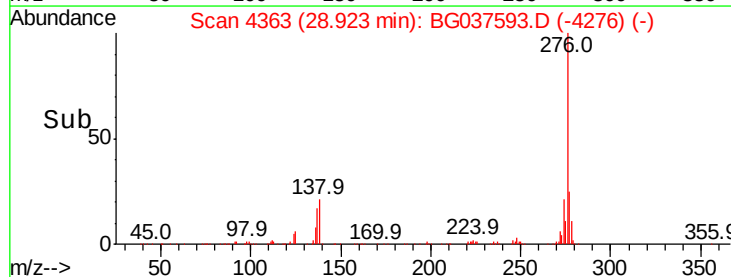
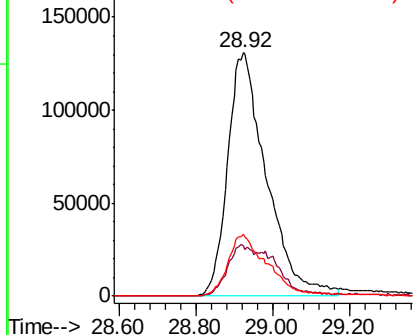


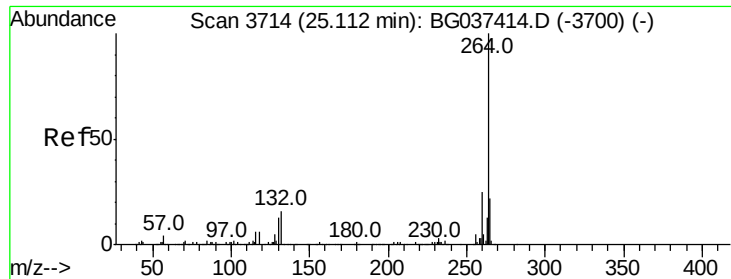
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.427 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:276 Resp: 919251
Ion Ratio Lower Upper
276 100
138 13.5 12.0 18.0
277 25.6 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



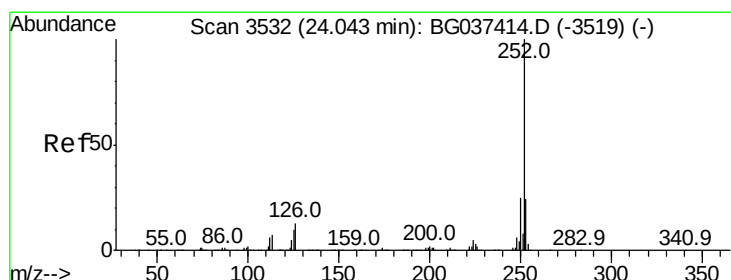
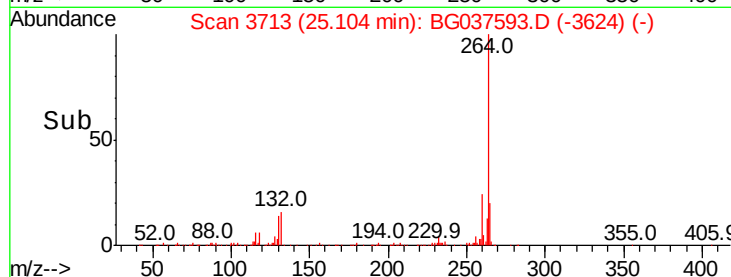
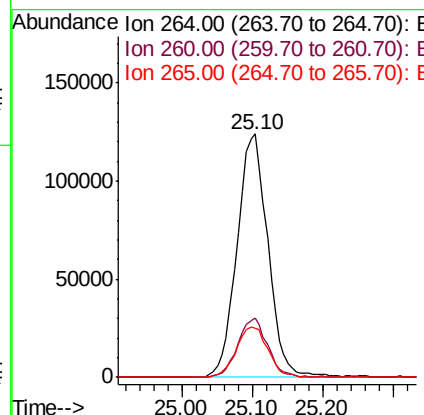
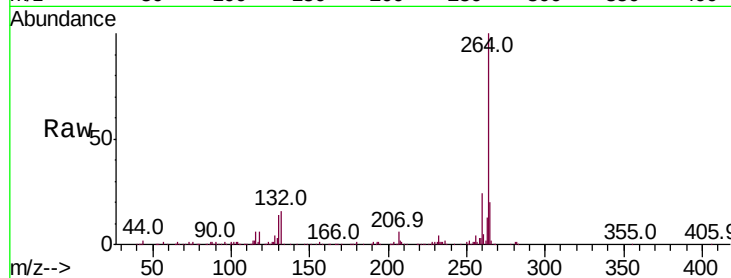


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:264 Resp: 377251

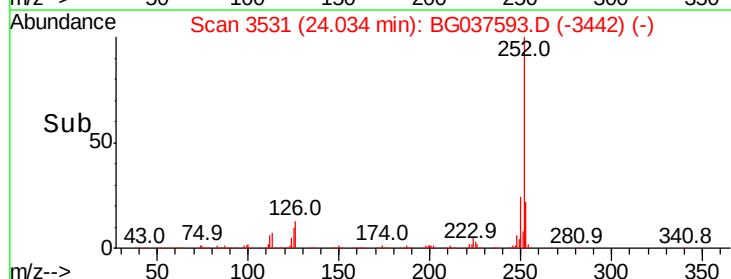
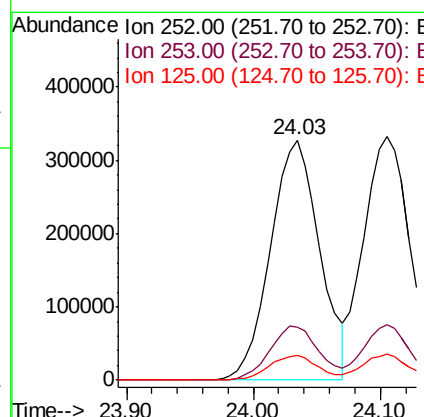
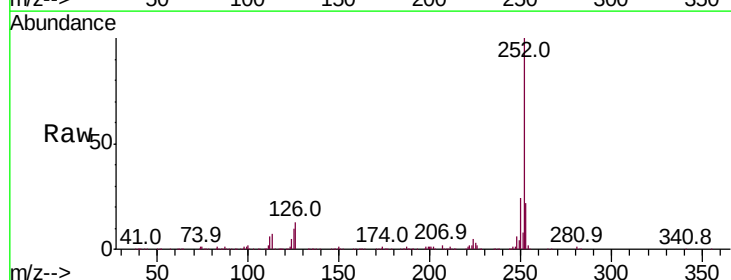
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	20.3	17.9	26.9

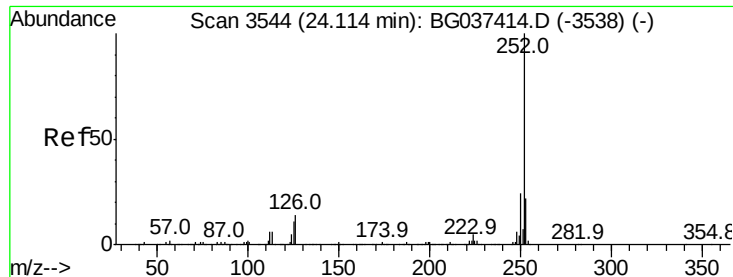


#88
Benzo(b)fluoranthene
Concen: 42.836 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:252 Resp: 885957

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.4	7.8	11.6

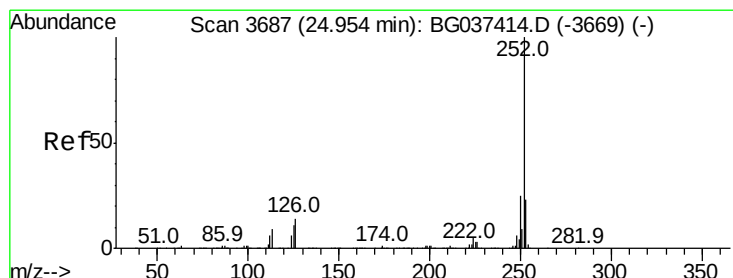
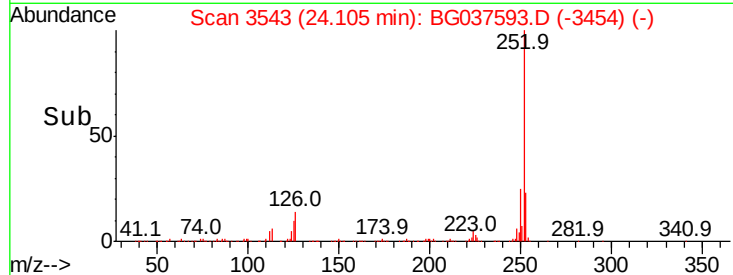
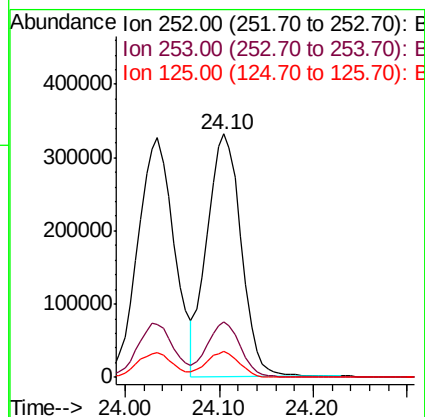
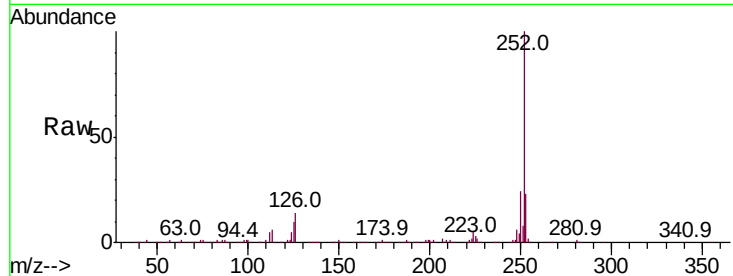




#89
Benzo(k)fluoranthene
Concen: 41.593 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

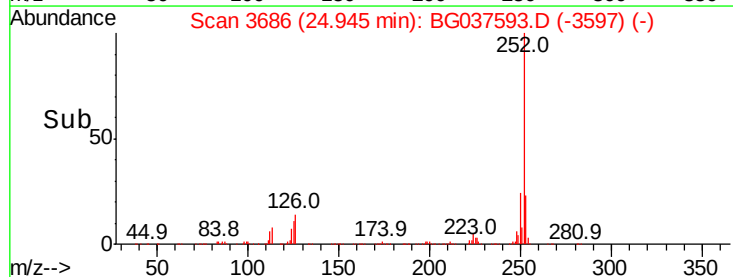
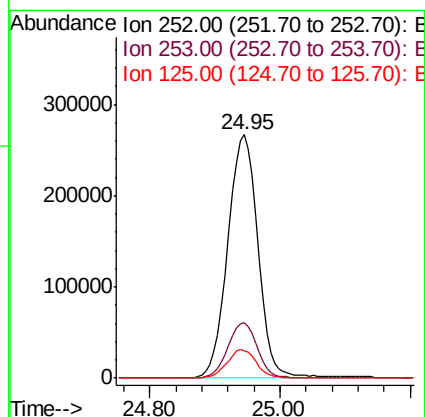
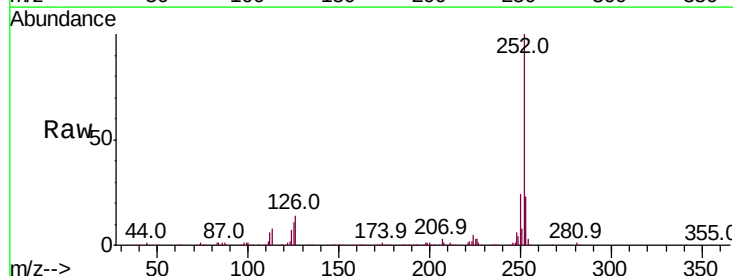
Instrument :
BNA_G
ClientSampleId :
PB114204BS

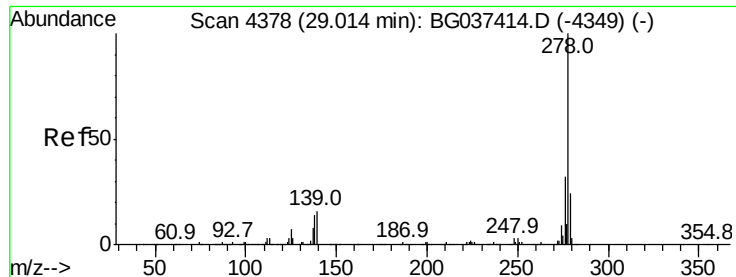
Tot Ion:252 Resp: 842808
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 43.660 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion:252 Resp: 858042
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.1 9.0 13.6

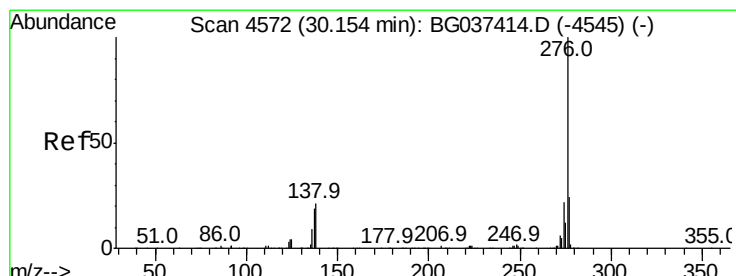
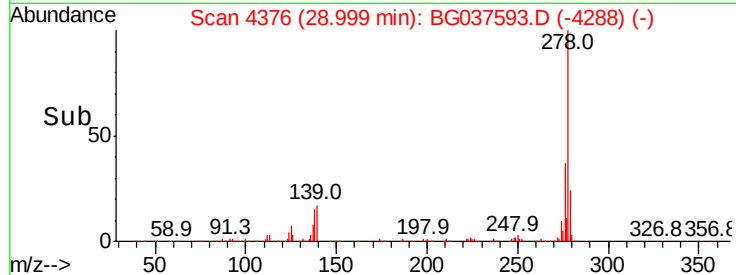
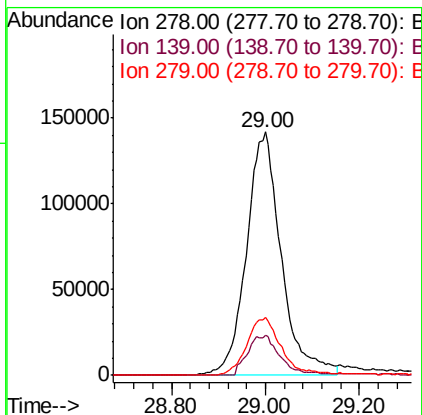
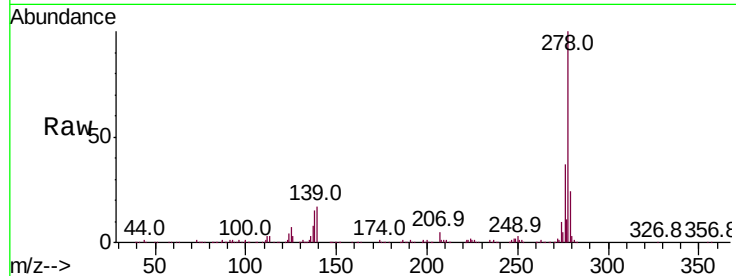




#91
Dibenzo(a,h)anthracene
Concen: 40.372 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	23.7	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 40.283 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	21.4	17.2	25.8

