

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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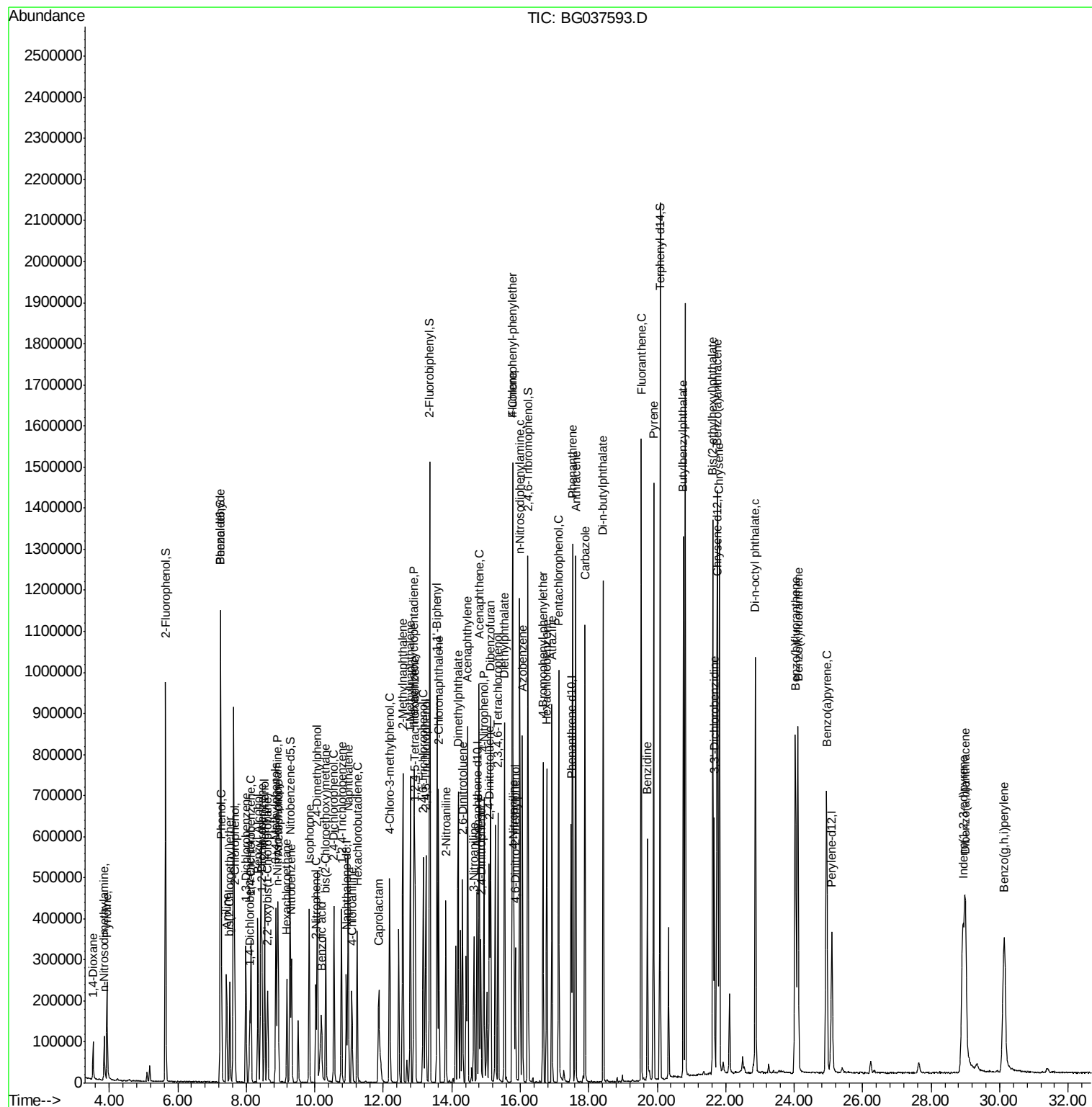
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41) Hexachlorocyclopentadiene	12.90	237	226688	88.434	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	149531	41.709	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	163692	41.936	ng	98
46) 1,1'-Biphenyl	13.57	154	493854	35.843	ng	98
47) 2-Chloronaphthalene	13.62	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

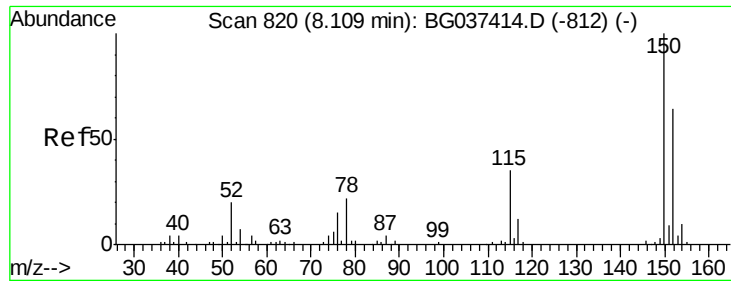
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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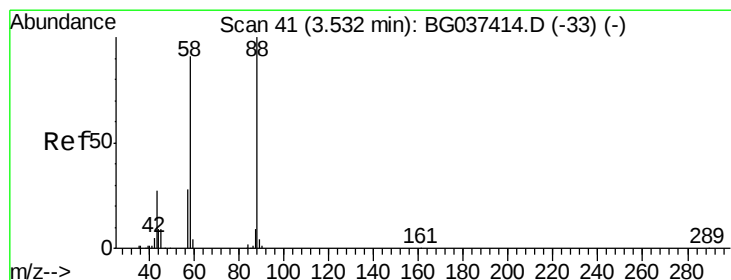
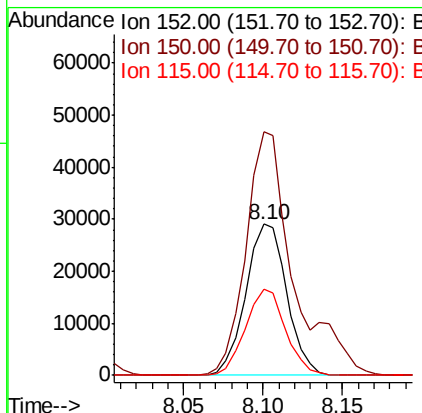
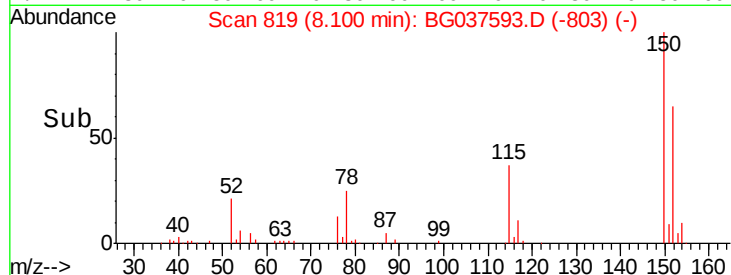
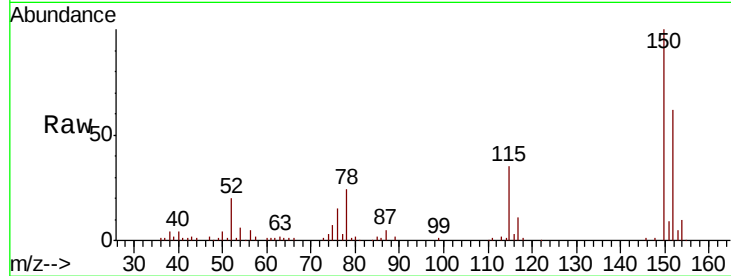


#1

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

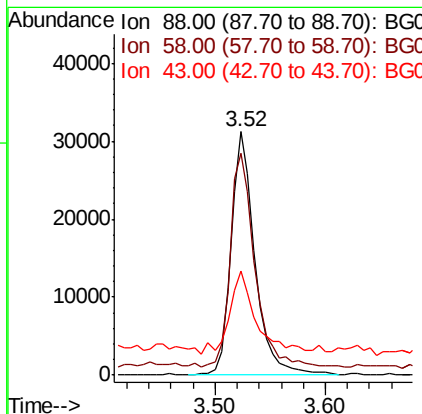
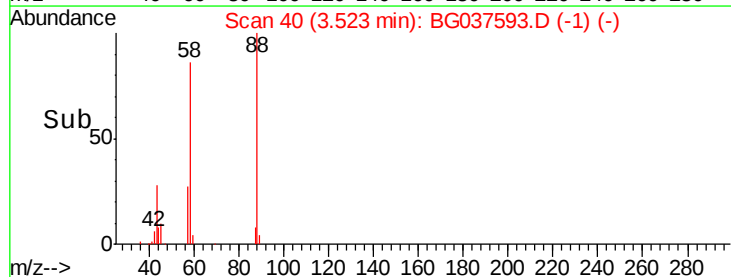
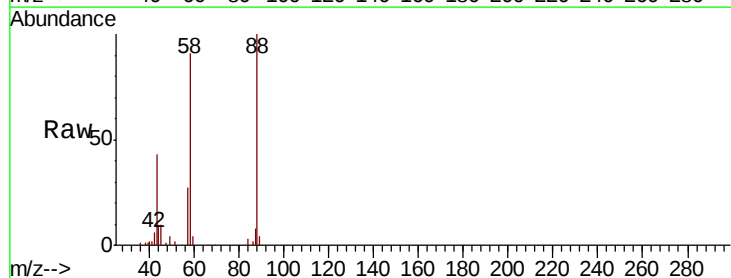
Tot Ion:152 Resp: 52141
Ion Ratio Lower Upper
152 100
150 161.2 126.0 189.0
115 56.7 45.5 68.3

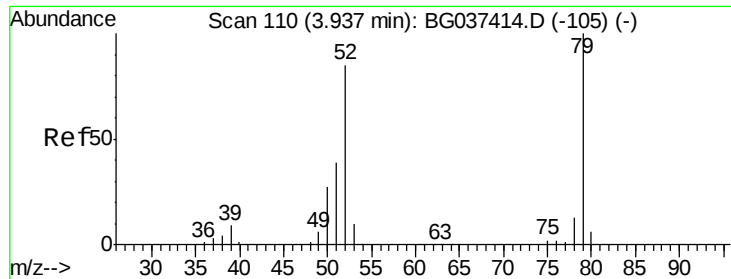


#2

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





#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

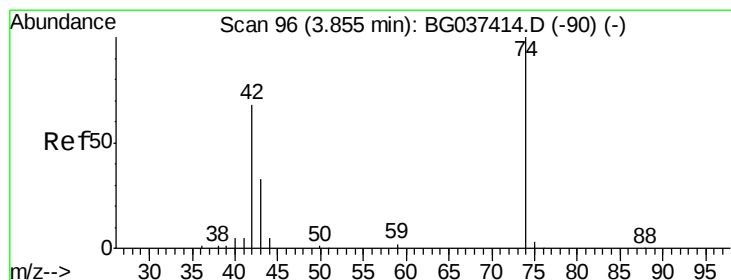
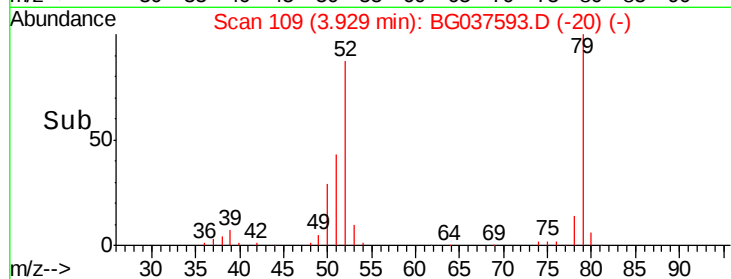
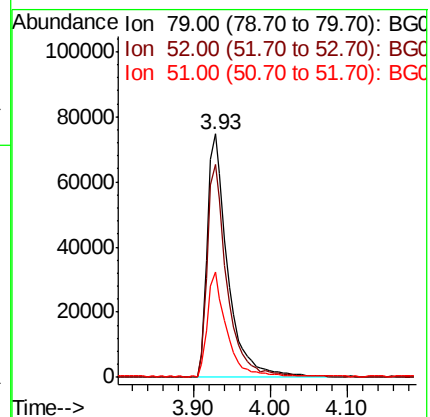
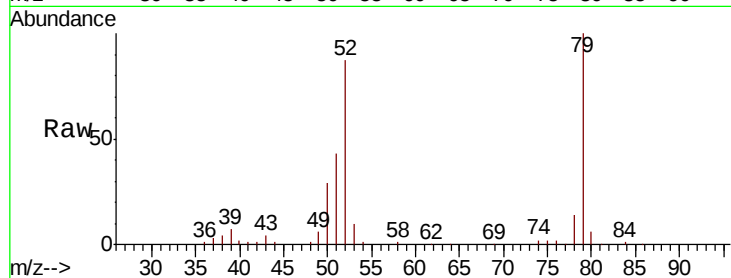
Tot Ion: 79 Resp: 137786

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

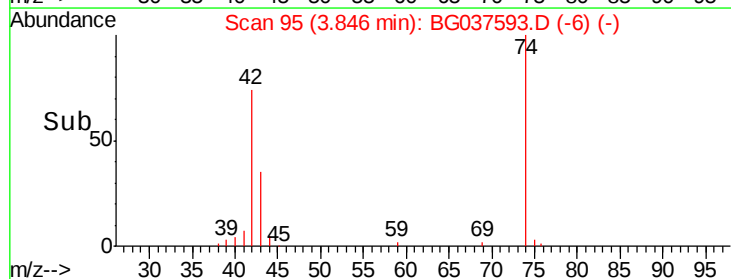
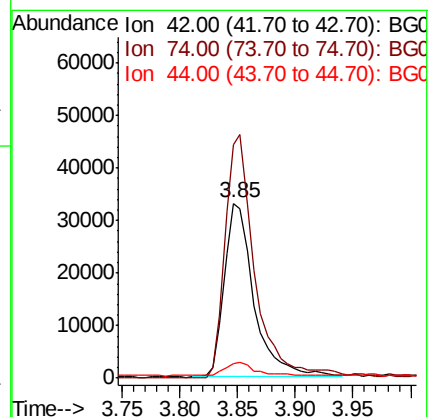
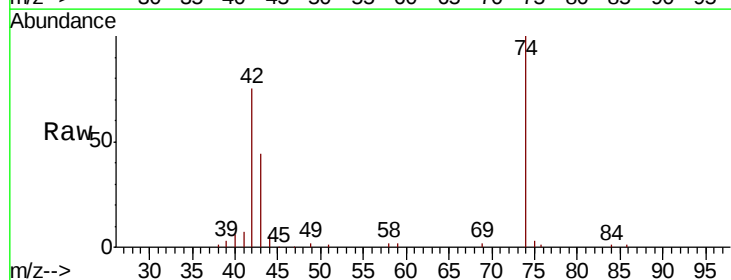
Tgt Ion: 42 Resp: 59291

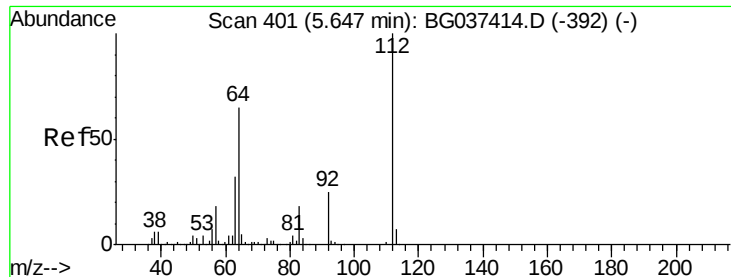
Ion Ratio Lower Upper

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

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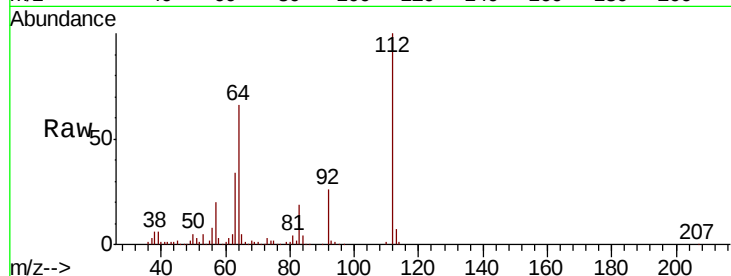
Tot Ion:112 Resp: 445865

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

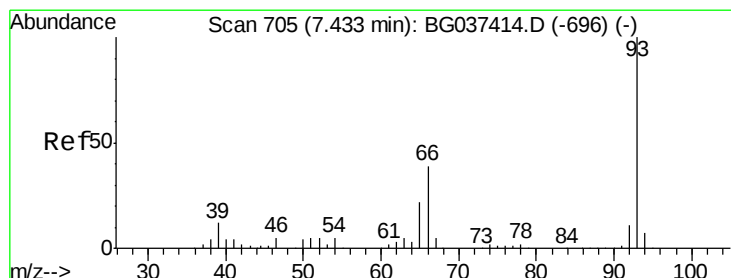
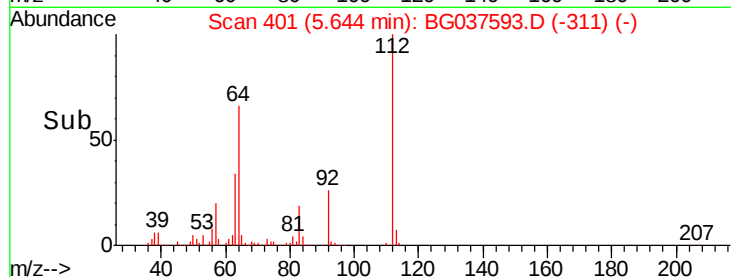
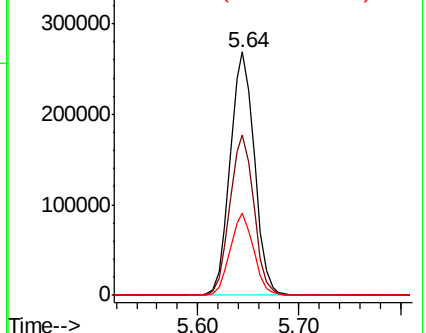
63 33.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

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

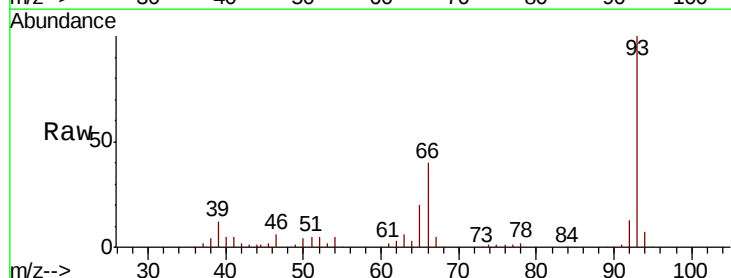
Tgt Ion: 93 Resp: 180466

Ion Ratio Lower Upper

93 100

66 40.2 32.8 49.2

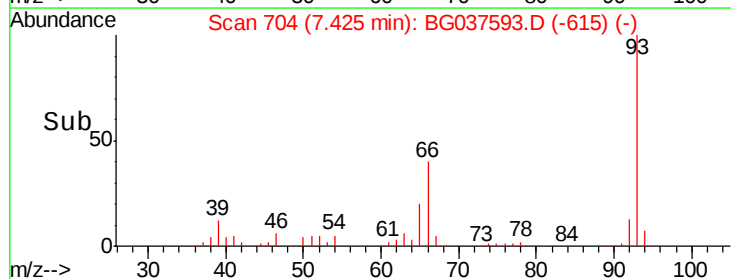
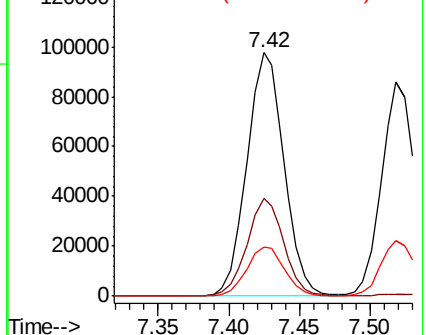
65 20.1 16.4 24.6

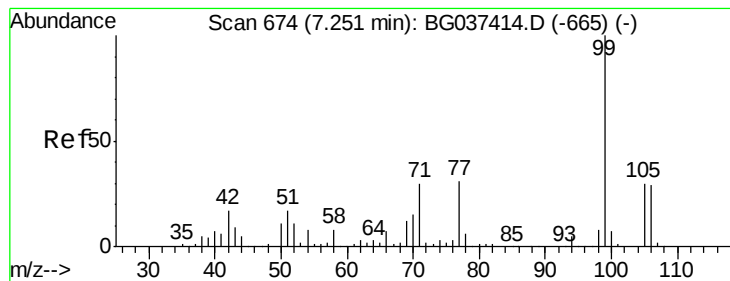


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

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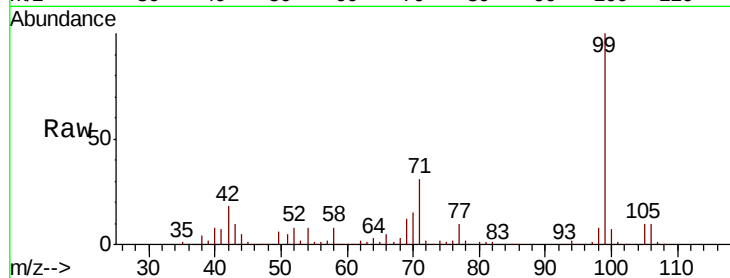
Tot Ion: 99 Resp: 620635

Ion Ratio Lower Upper

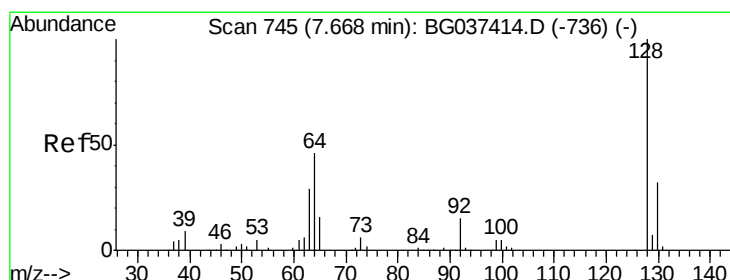
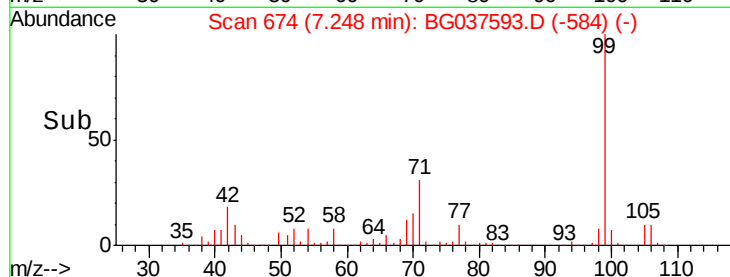
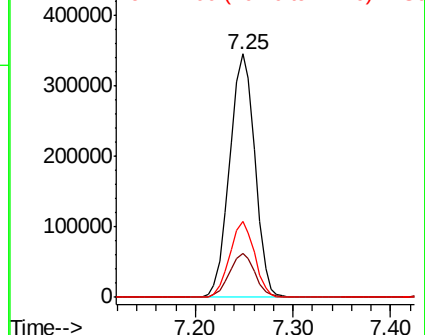
99 100

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

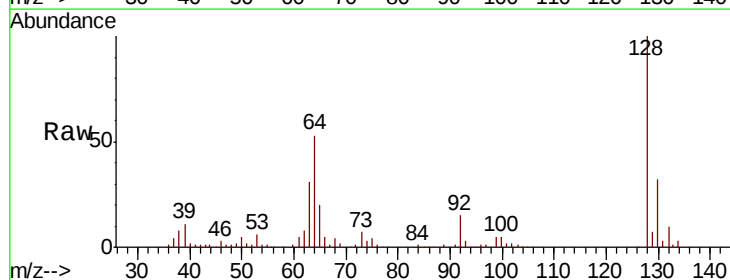
Tgt Ion: 128 Resp: 159487

Ion Ratio Lower Upper

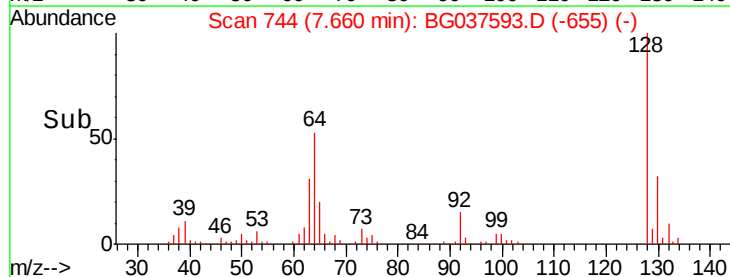
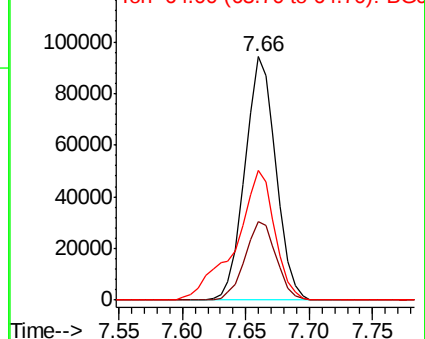
128 100

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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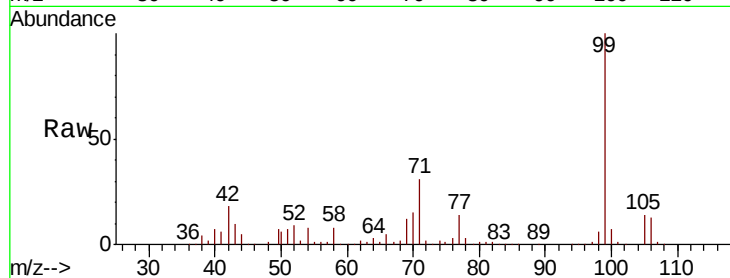
Tot Ion: 77 Resp: 74707

Ion Ratio Lower Upper

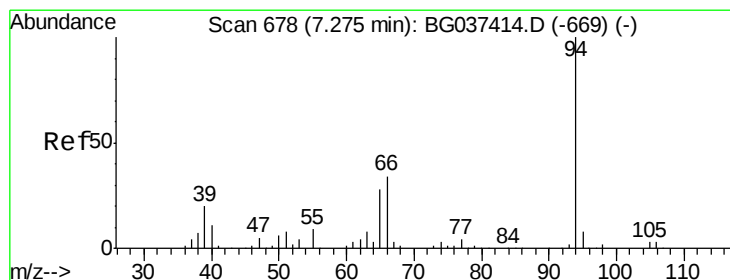
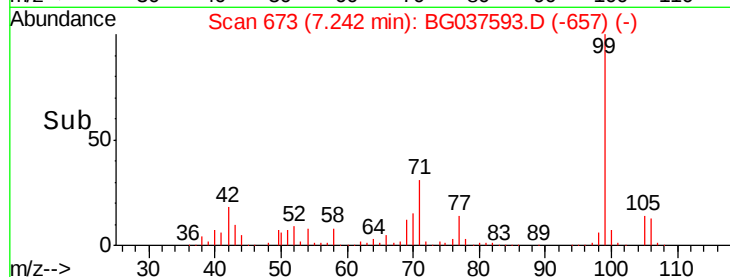
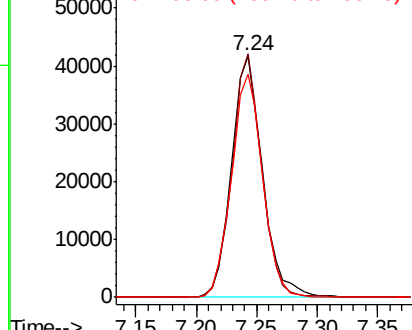
77 100

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

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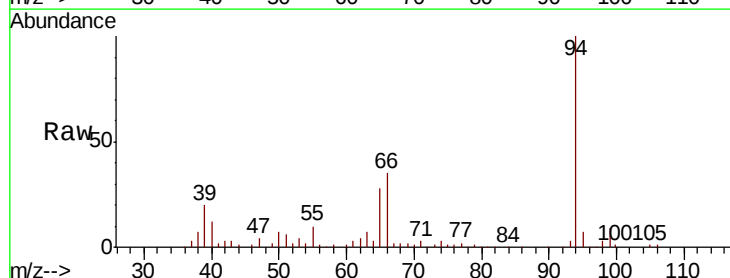
Tgt Ion: 94 Resp: 213873

Ion Ratio Lower Upper

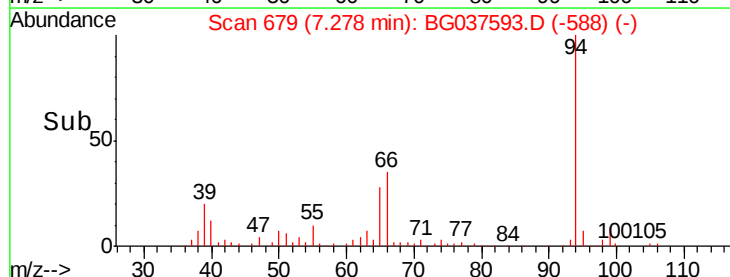
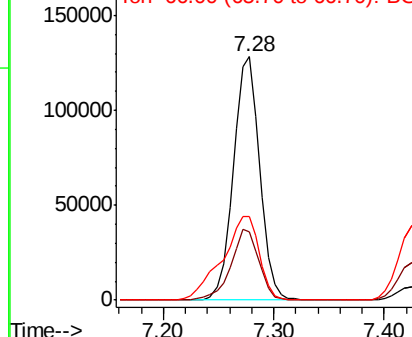
94 100

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

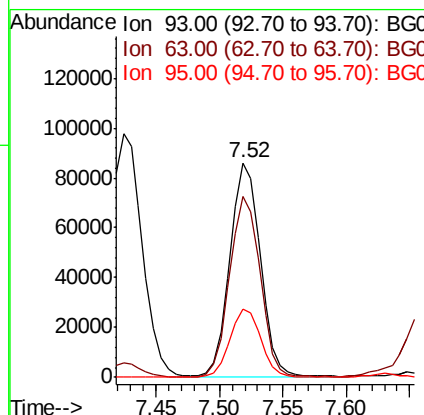
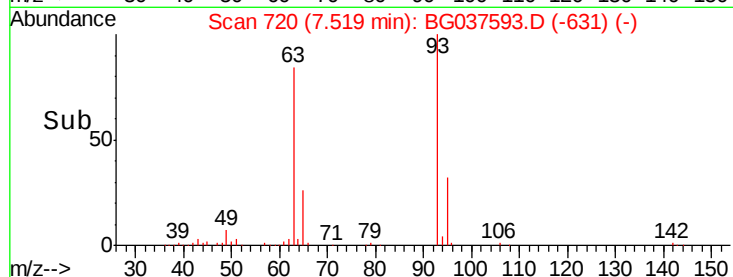
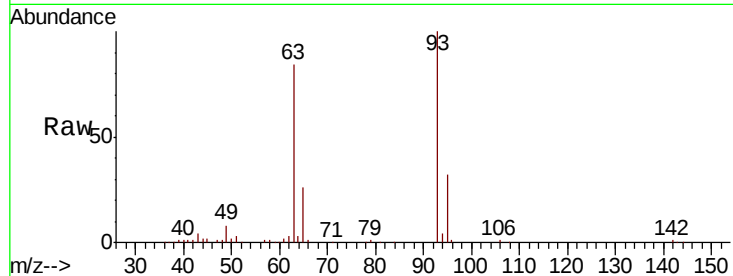




#11
 bis(2-Chloroethyl)ether
 Concen: 37.539 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

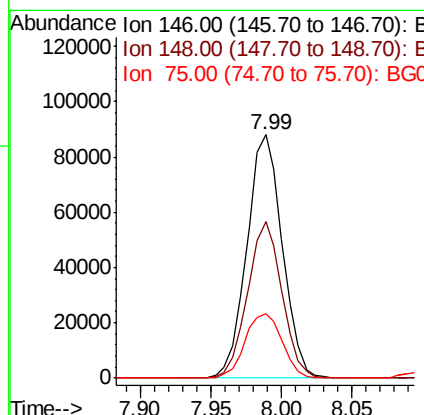
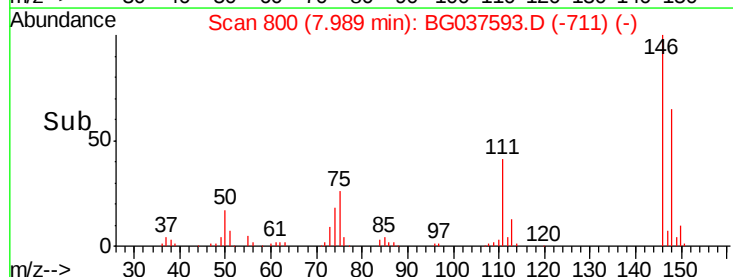
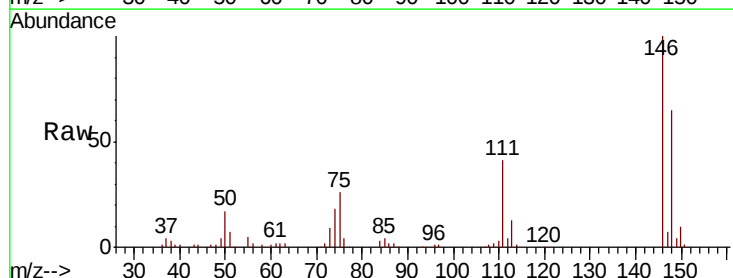
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

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

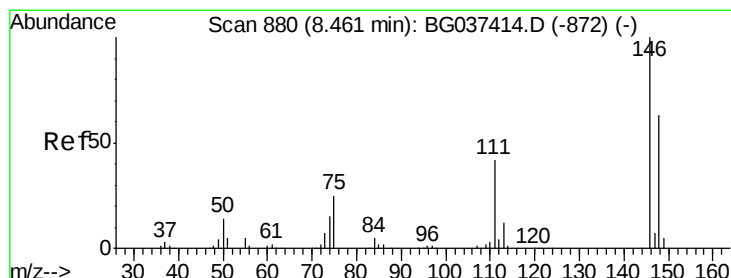
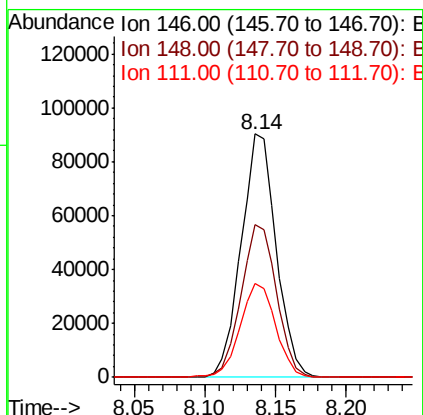
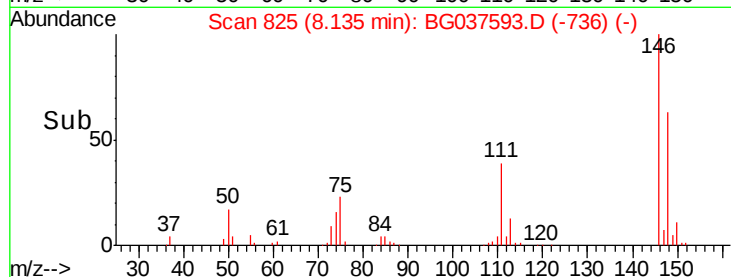
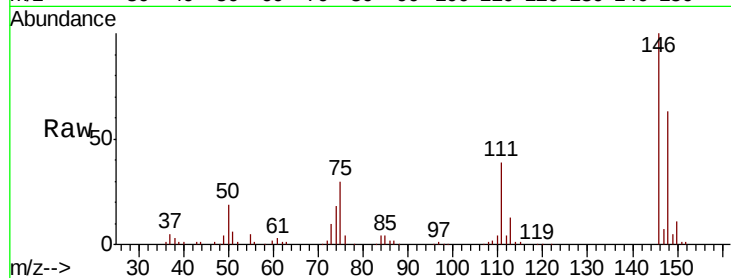




#13
 1,4-Dichlorobenzene
 Concen: 37.712 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

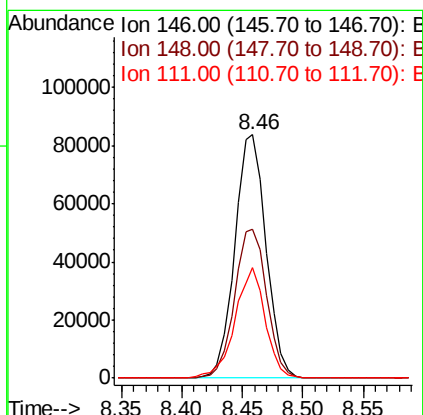
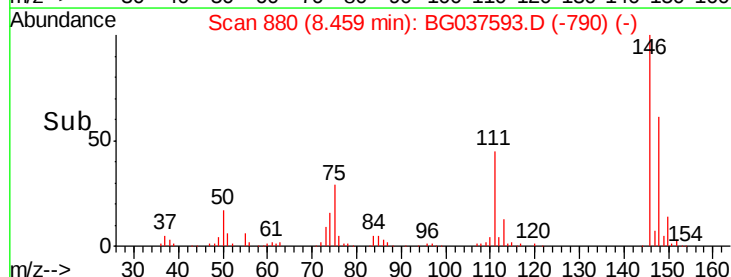
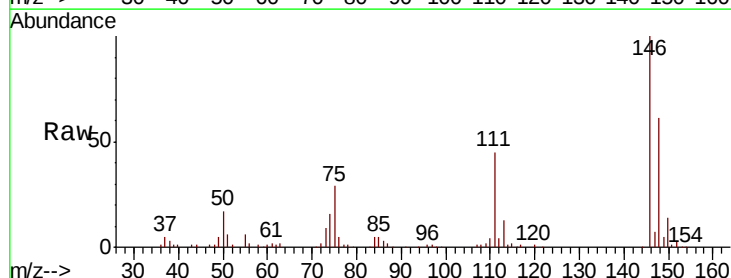
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

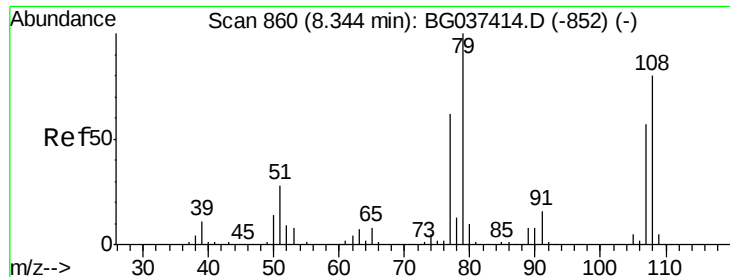
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.6
111	38.8	32.4	48.6



#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	Ratio	Lower	Upper
146	100		
148	61.2	50.4	75.6
111	45.4	34.6	51.8





#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

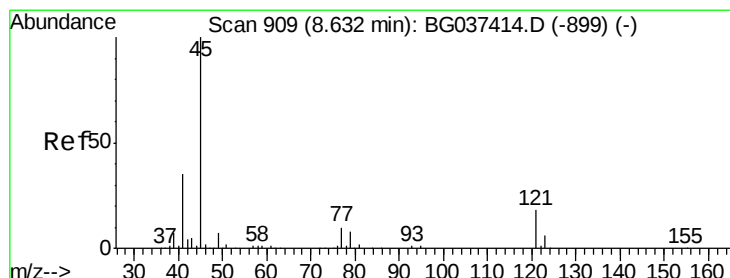
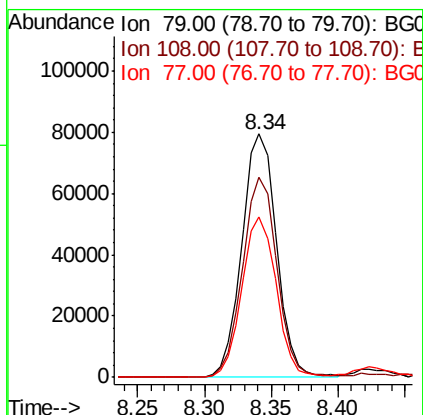
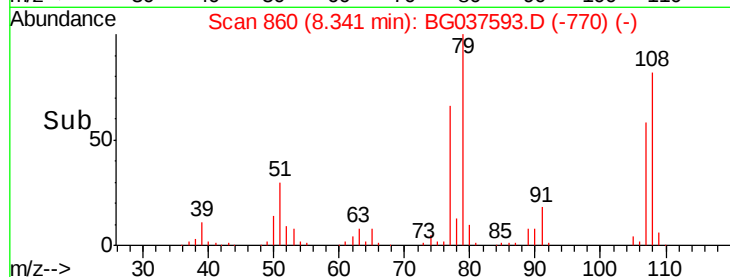
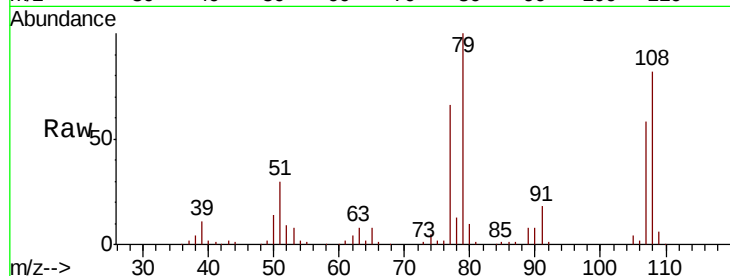
Tot Ion: 79 Resp: 142840

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

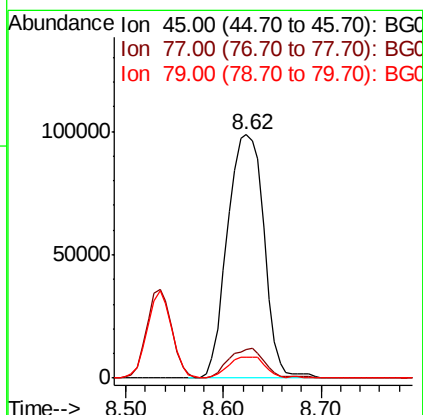
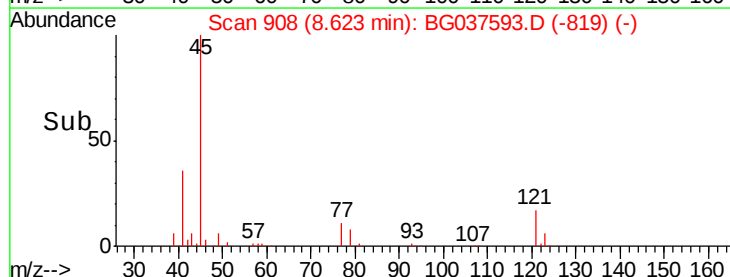
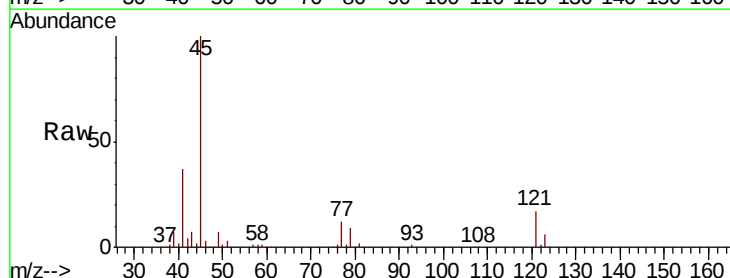
Tgt Ion: 45 Resp: 257279

Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.0

79 8.7 0.0 29.0

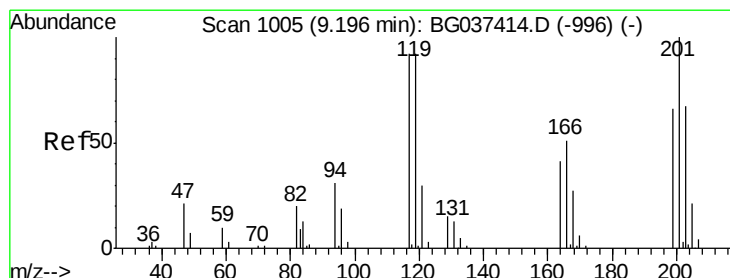
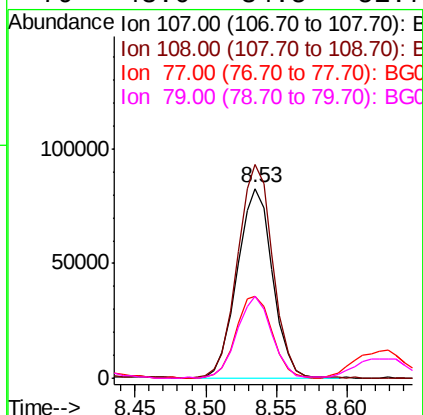
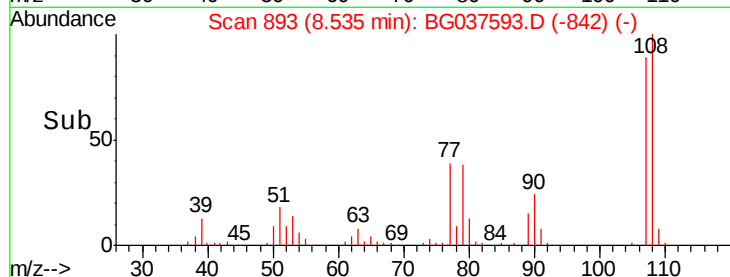
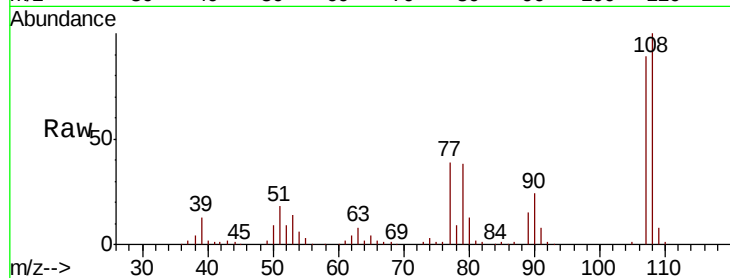




#17
2-Methylphenol
Concen: 43.708 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

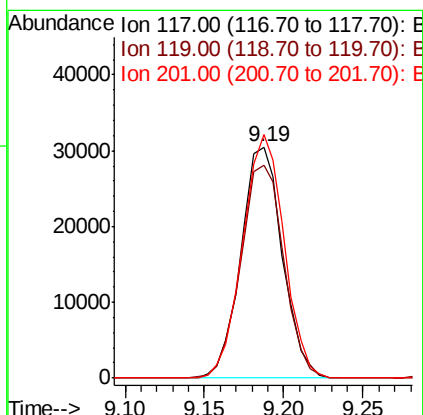
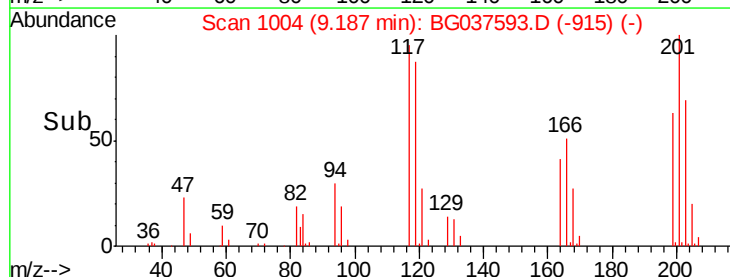
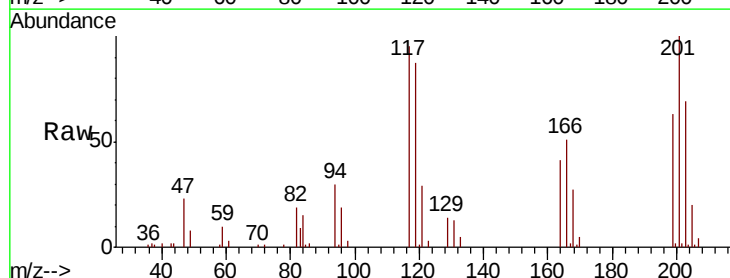
Instrument :
BNA_G
ClientSampleId :
PB114204BS

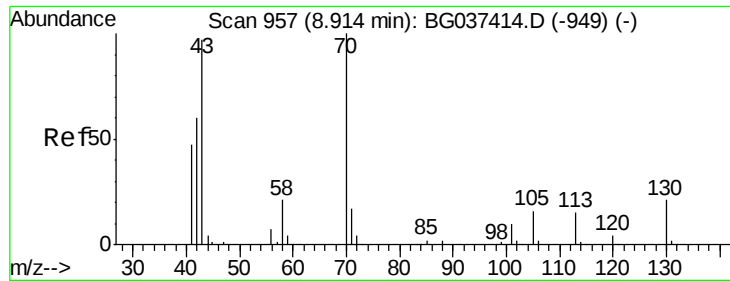
Tot Ion:	107	Resp:	143783
Ion	Ratio	Lower	Upper
107	100		
108	112.5	87.9	131.9
77	43.3	35.1	52.7
79	43.0	34.5	51.7



#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

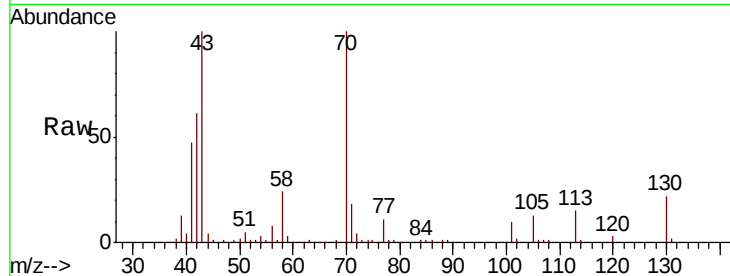




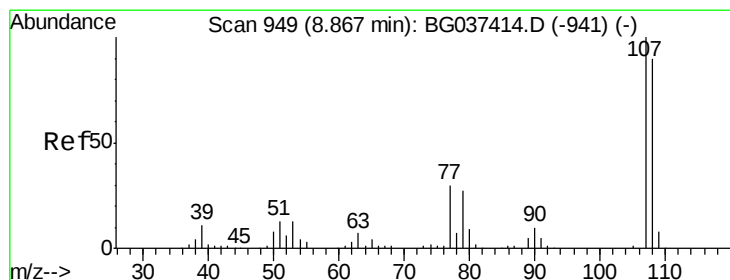
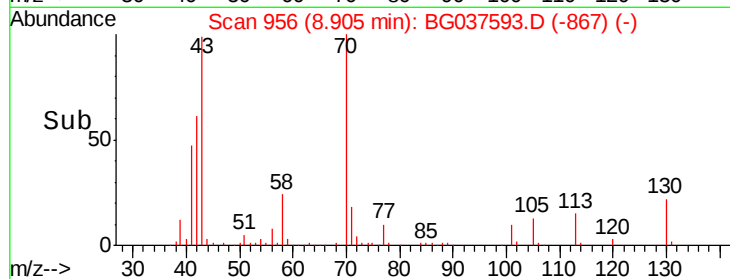
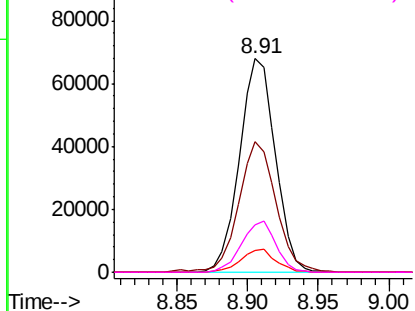
#19
n-Nitroso-di-n-propylamine
Concen: 37.119 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

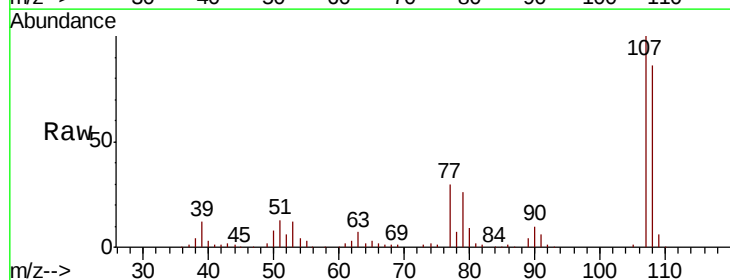


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

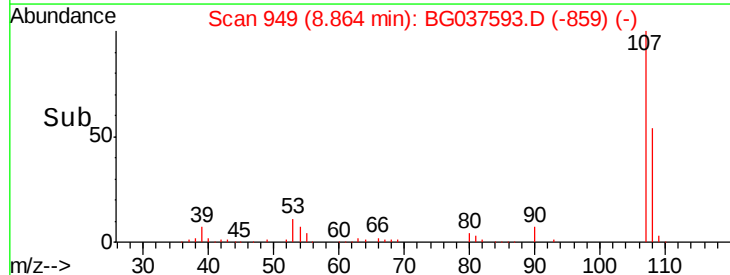
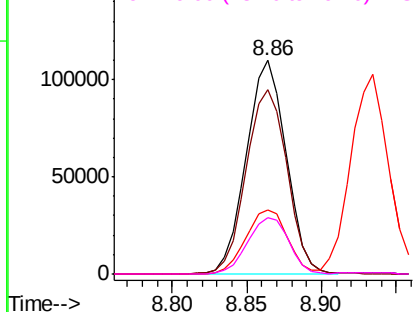


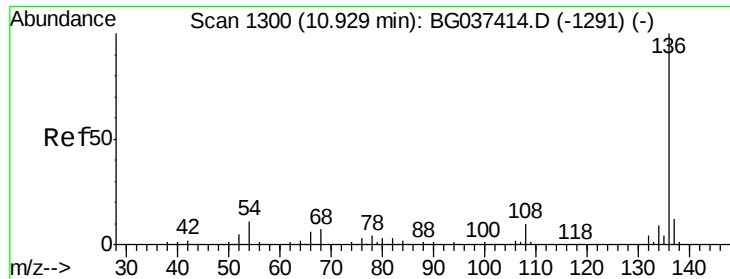
#20
3+4-Methylphenols
Concen: 43.098 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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



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

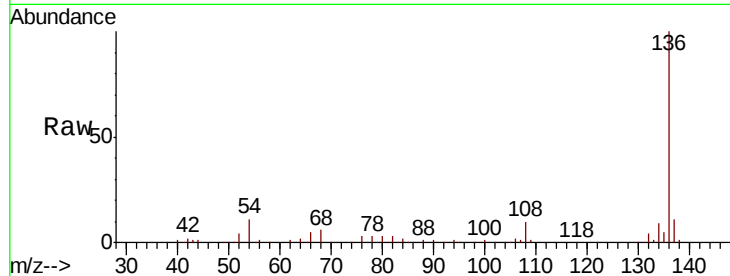




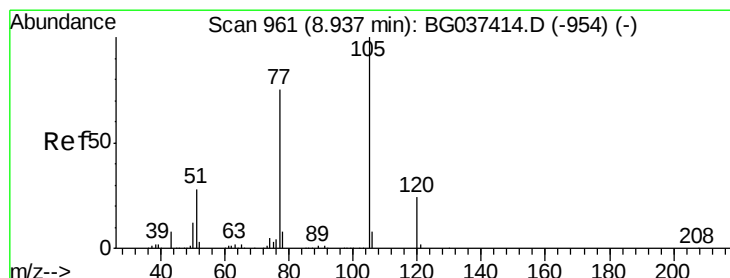
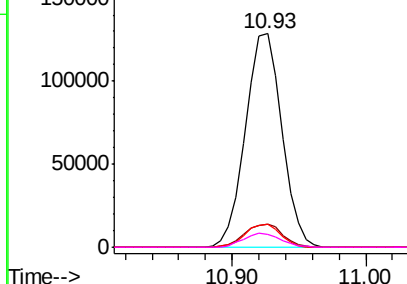
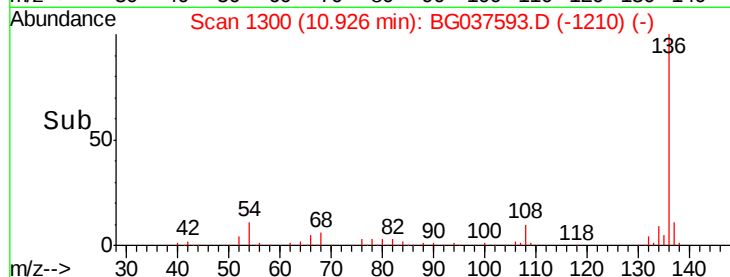
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

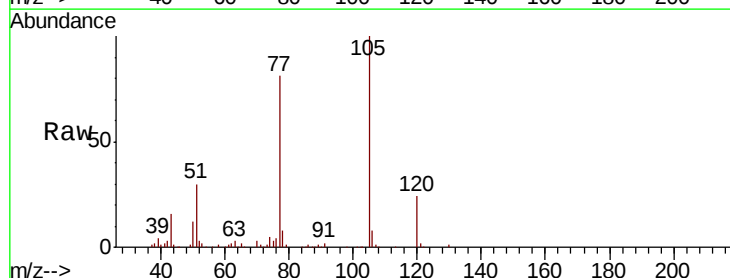


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

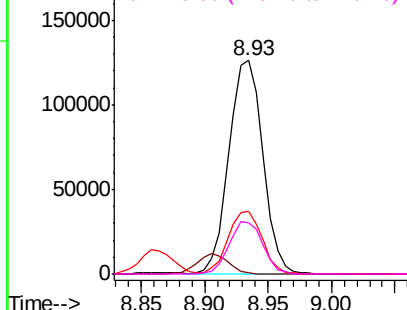
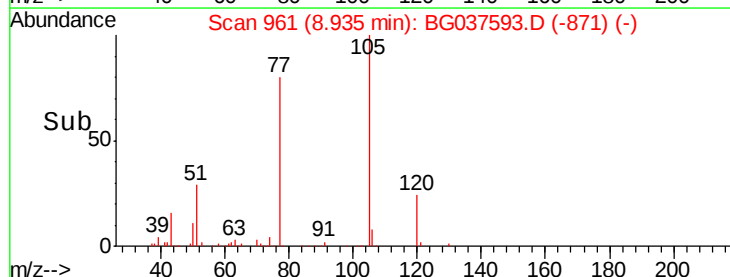


#22
Acetophenone
Concen: 38.520 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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



Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

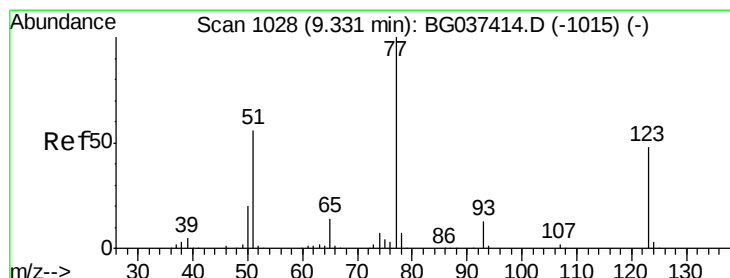
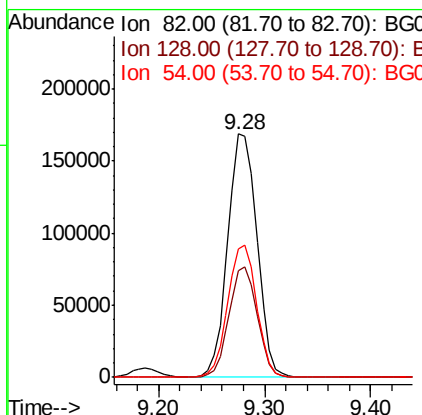
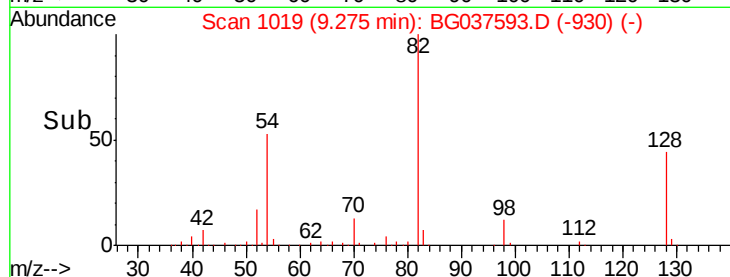
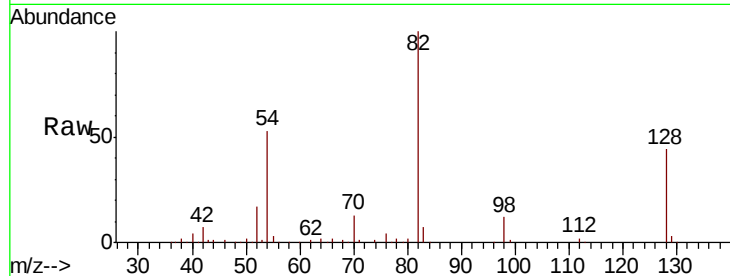




#23
Nitrobenzene-d5
Concen: 74.722 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

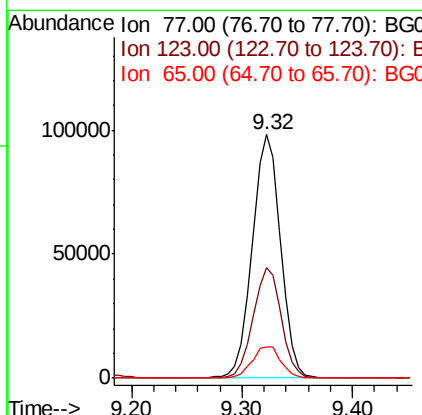
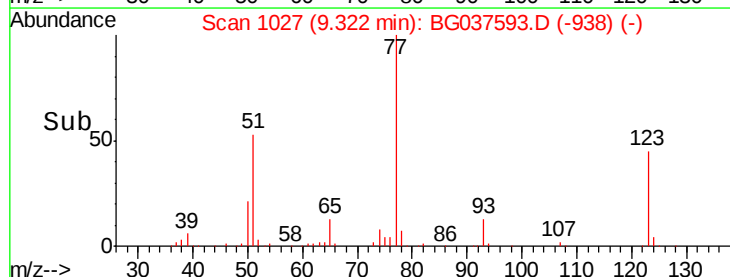
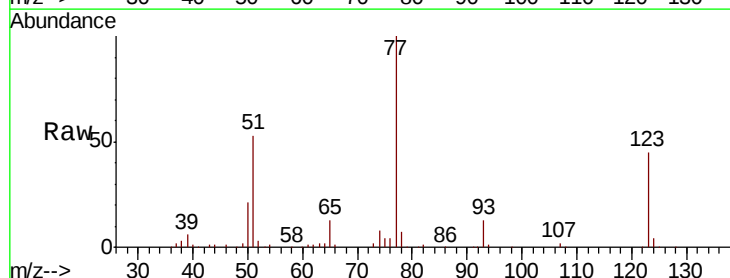
Instrument :
BNA_G
ClientSampleId :
PB114204BS

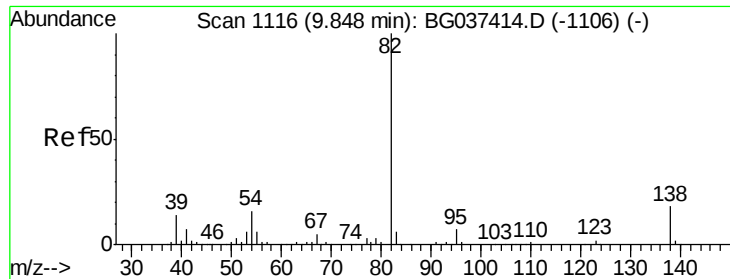
Tot Ion: 82 Resp: 322893
Ion Ratio Lower Upper
82 100
128 43.7 34.6 51.8
54 52.8 45.3 67.9



#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

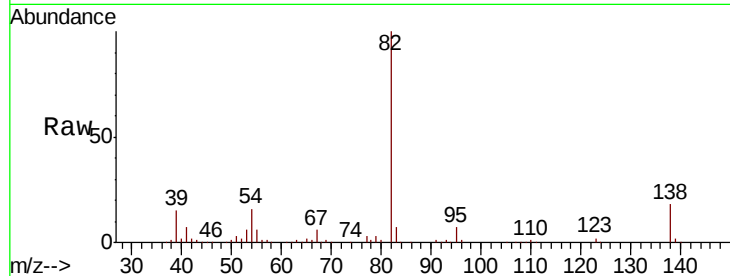




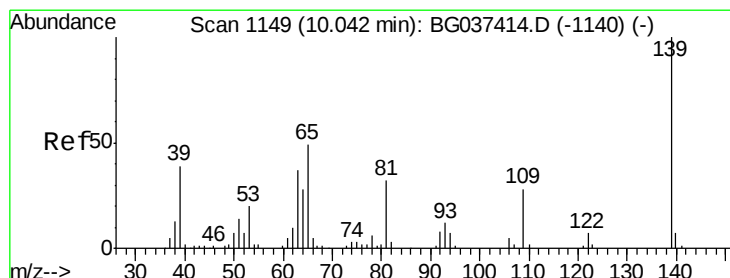
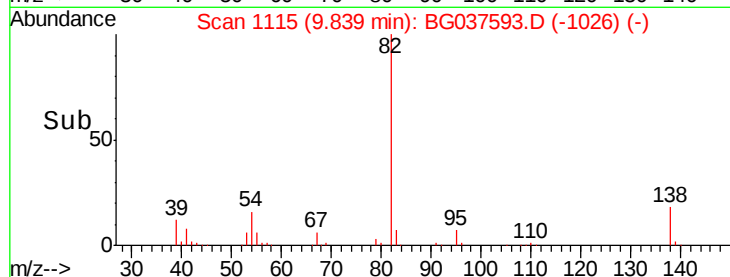
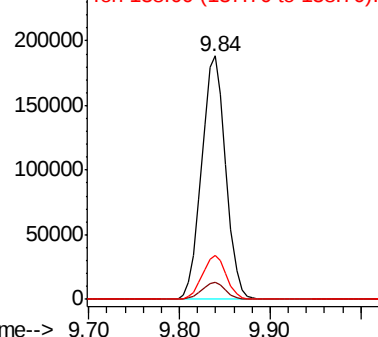
#25
Isophorone
Concen: 43.990 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

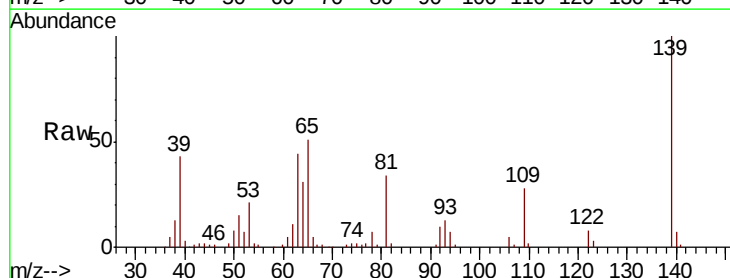


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

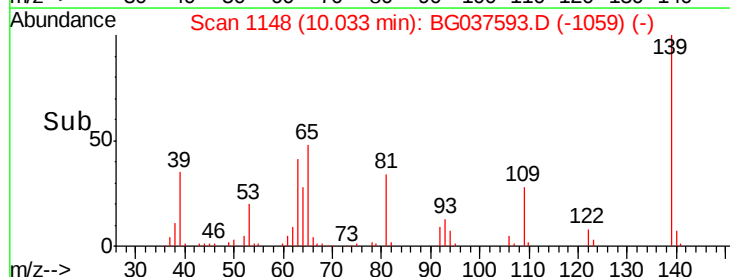
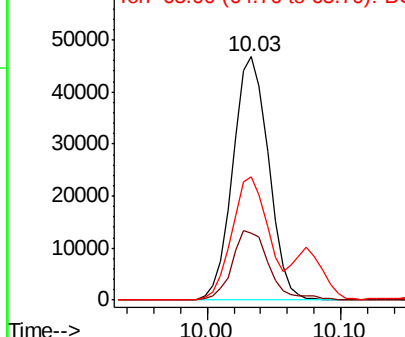


#26
2-Nitrophenol
Concen: 42.985 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

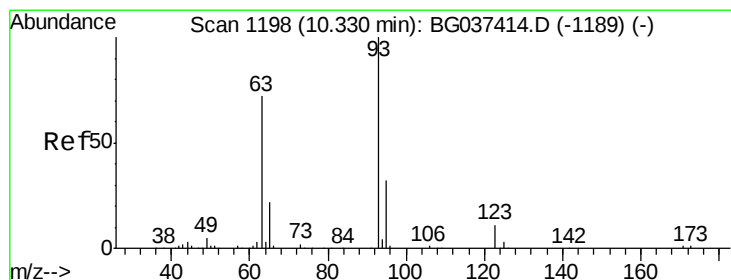
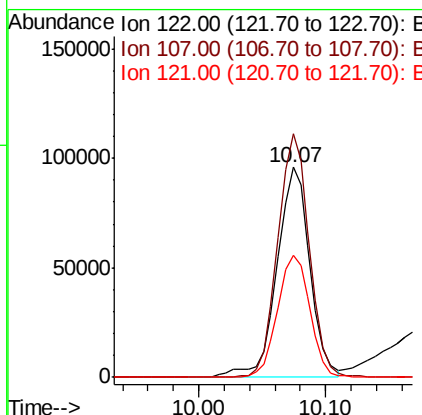
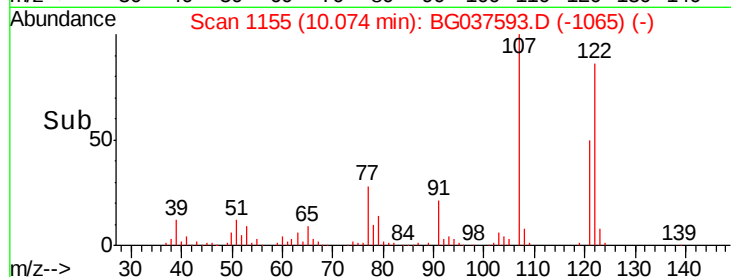
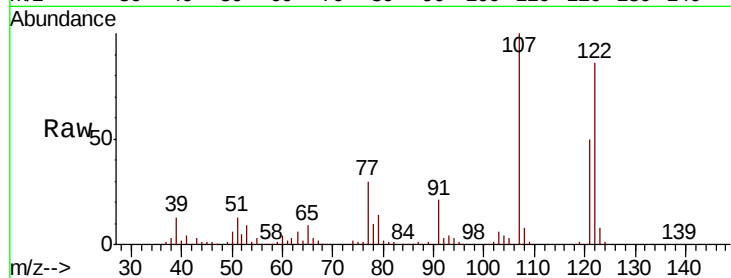




#27
2,4-Dimethylphenol
Concen: 47.950 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

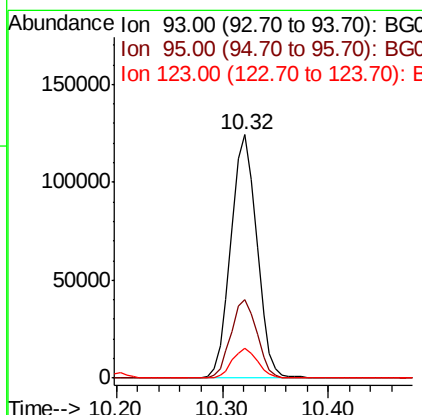
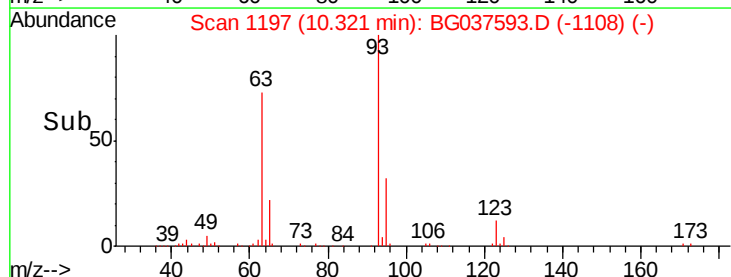
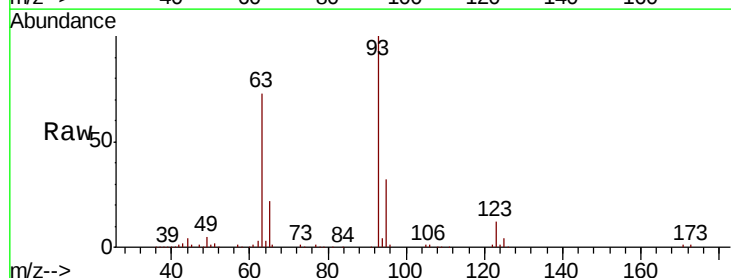
Instrument :
BNA_G
ClientSampleId :
PB114204BS

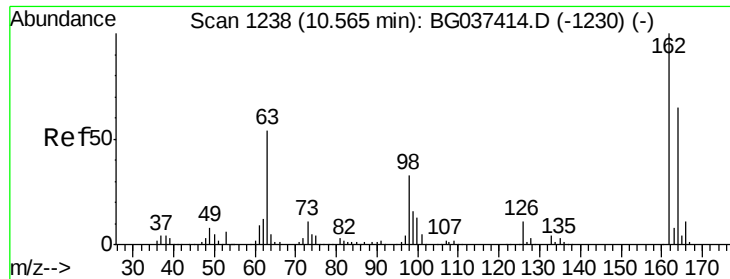
Tot Ion:122 Resp: 173139
Ion Ratio Lower Upper
122 100
107 116.0 94.2 141.2
121 58.4 47.3 70.9



#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

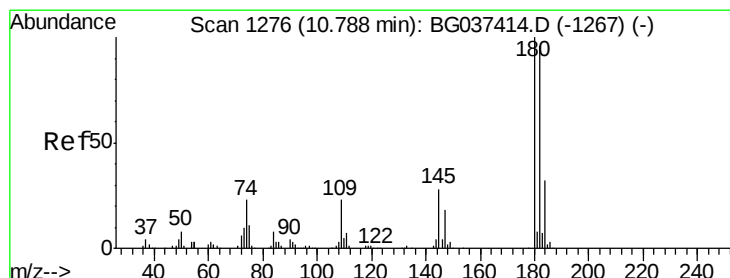
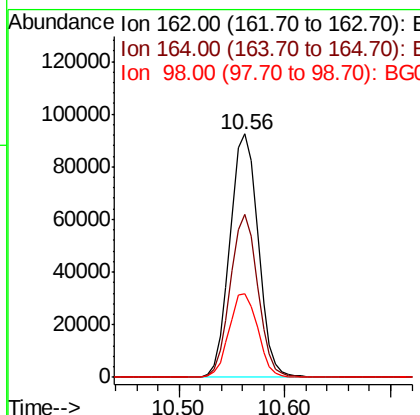
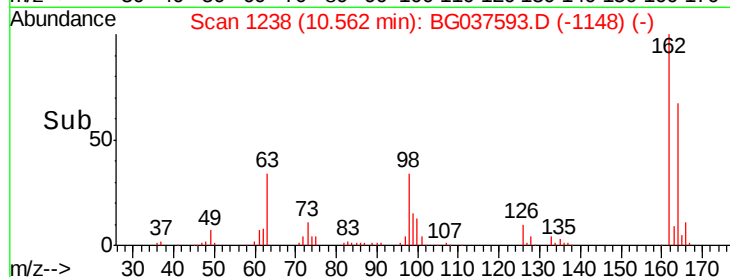
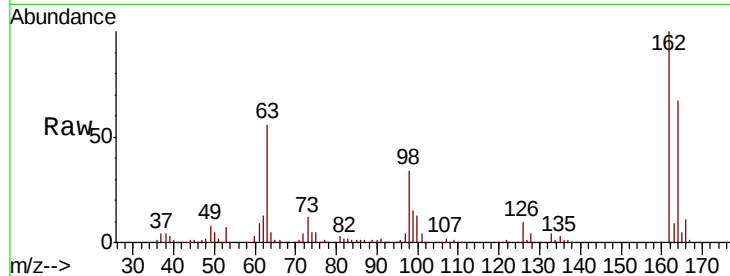




#29
 2,4-Dichlorophenol
 Concen: 42.602 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

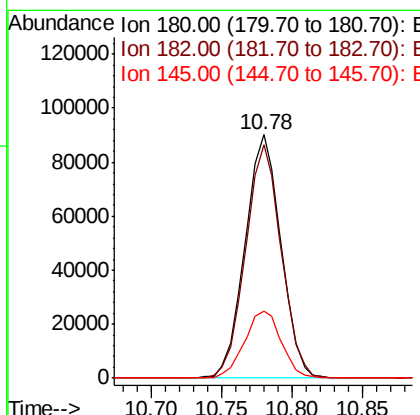
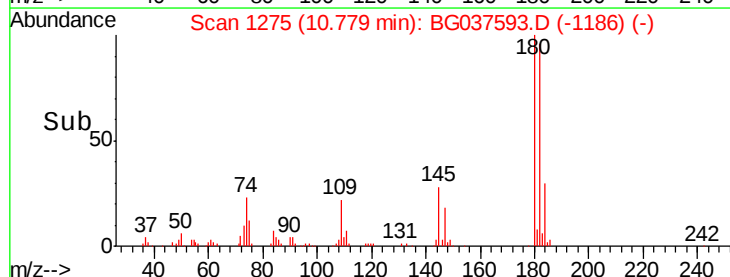
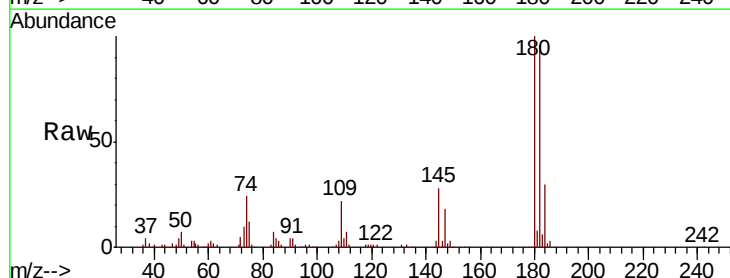
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

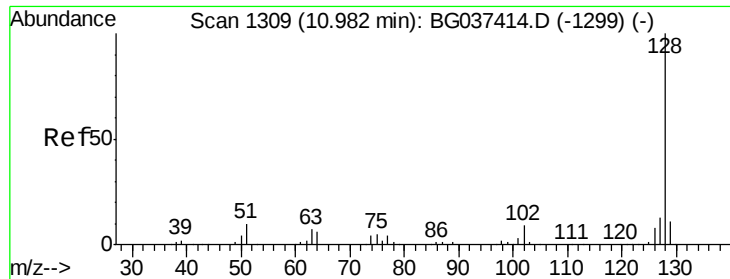
Tot Ion:162 Resp: 171271
 Ion Ratio Lower Upper
 162 100
 164 67.1 43.2 83.2
 98 34.4 16.0 56.0



#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

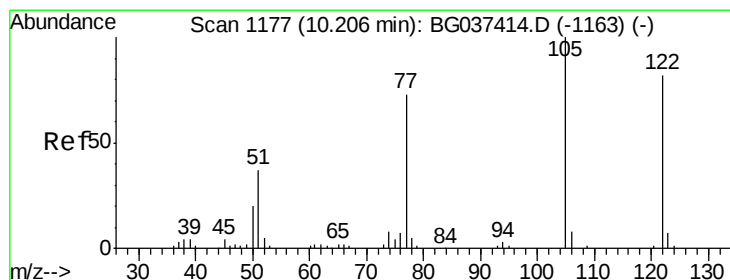
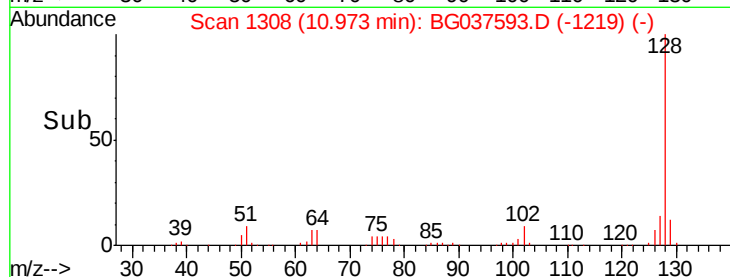
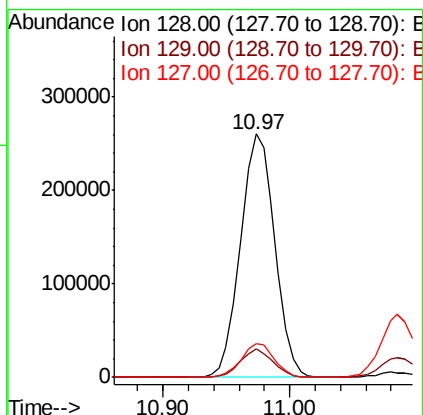
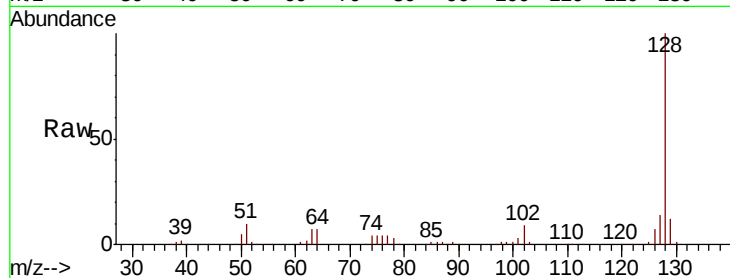




#31
Naphthalene
Concen: 41.077 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

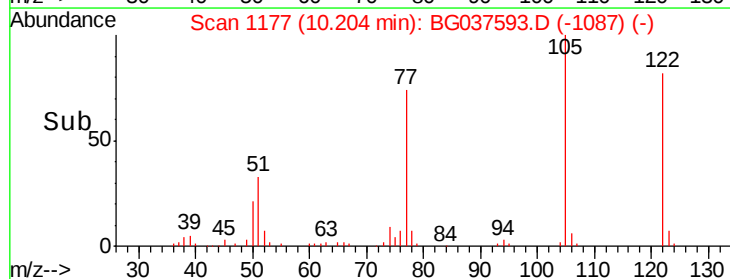
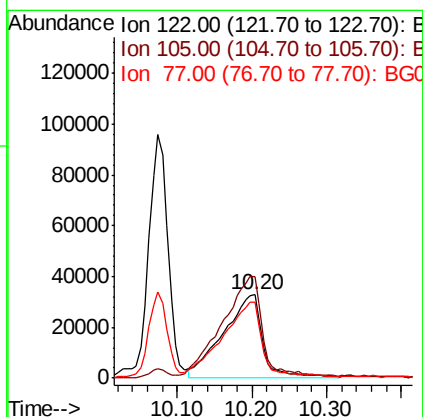
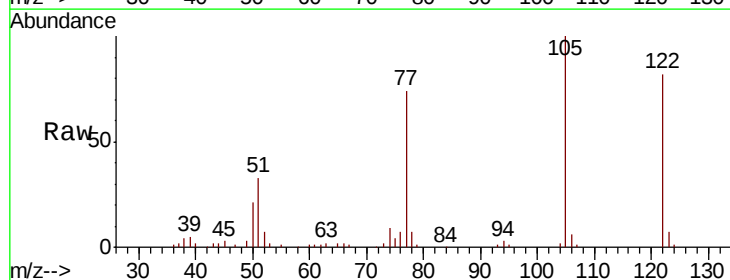
Instrument :
BNA_G
ClientSampleId :
PB114204BS

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

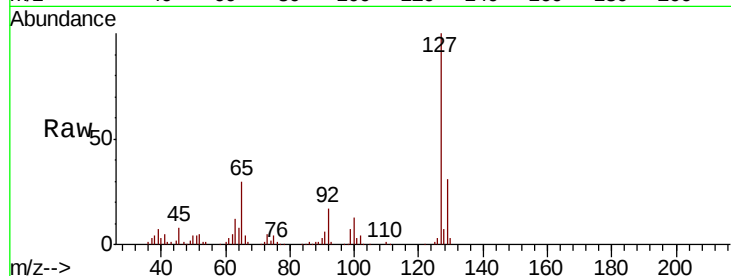




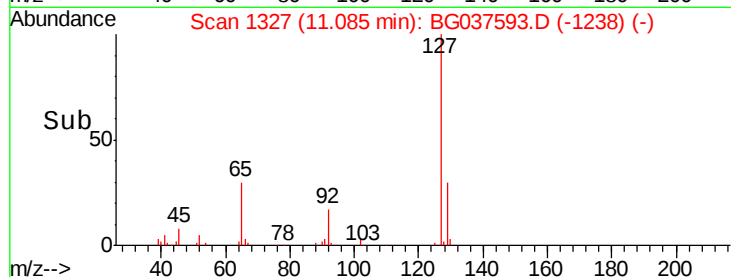
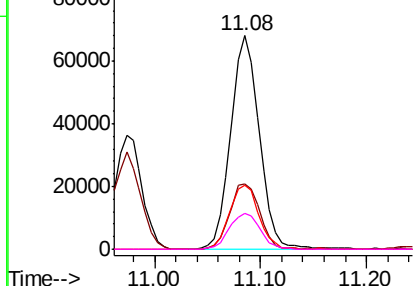
#33
4-Chloroaniline
Concen: 22.754 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

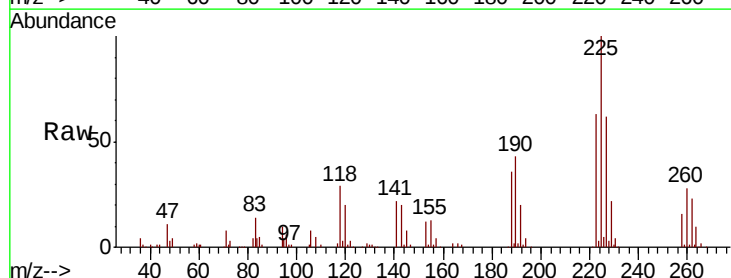


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

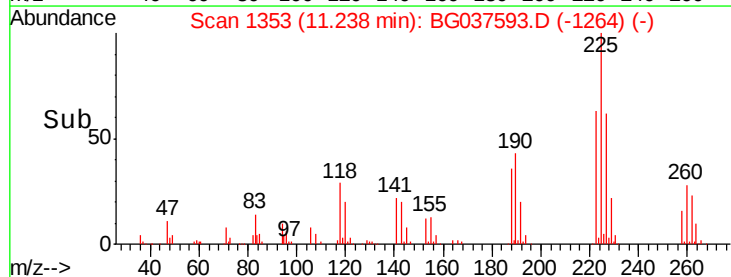
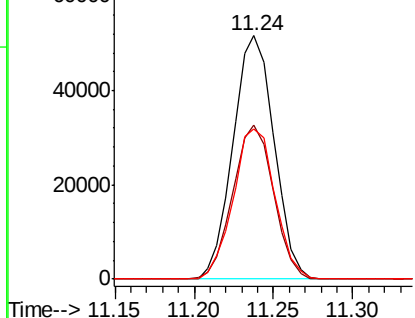


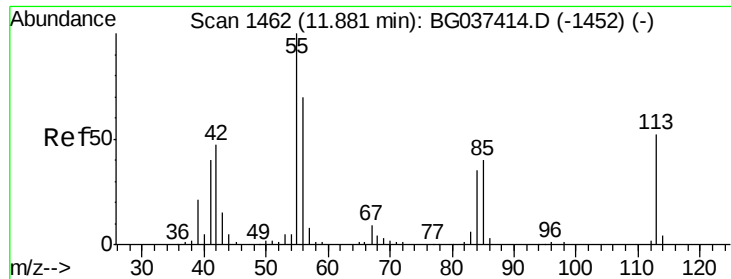
#34
Hexachlorobutadiene
Concen: 35.822 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

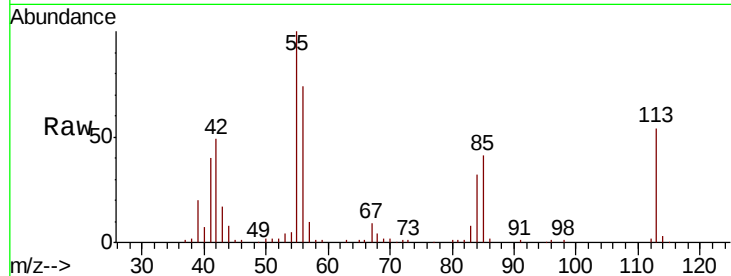




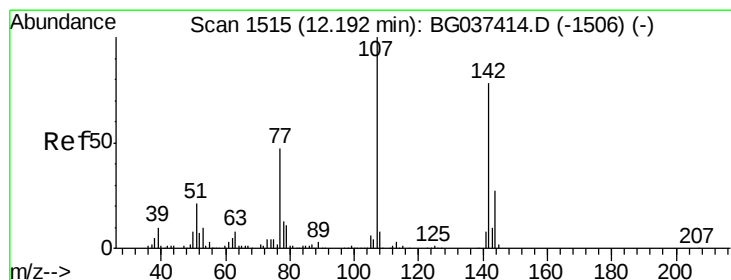
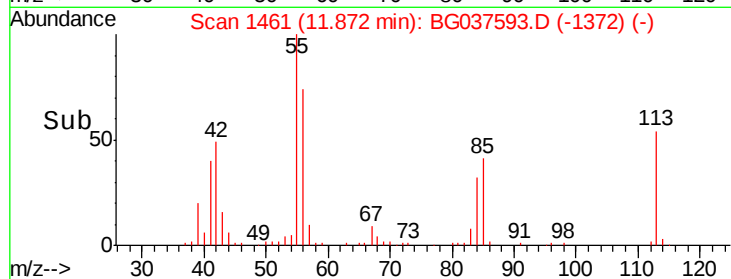
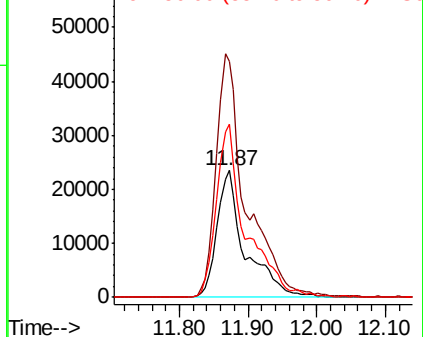
#35
Caprolactam
Concen: 41.698 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

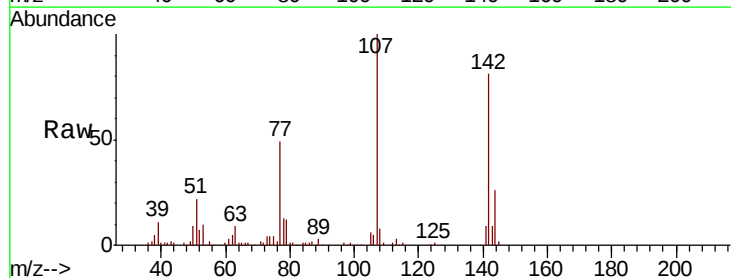


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

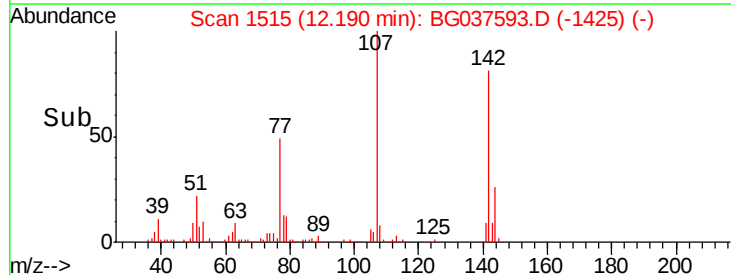
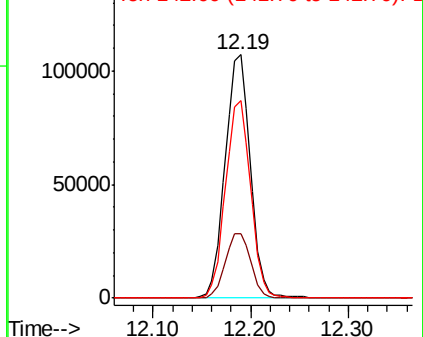


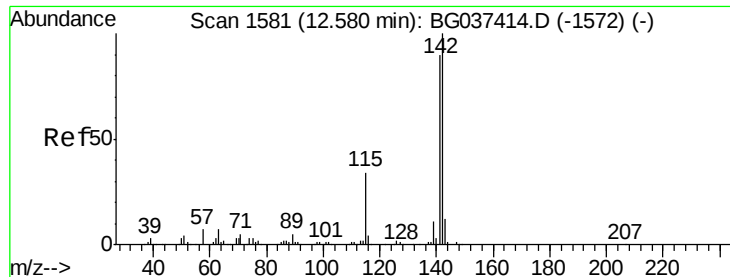
#36
4-Chloro-3-methylphenol
Concen: 42.379 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

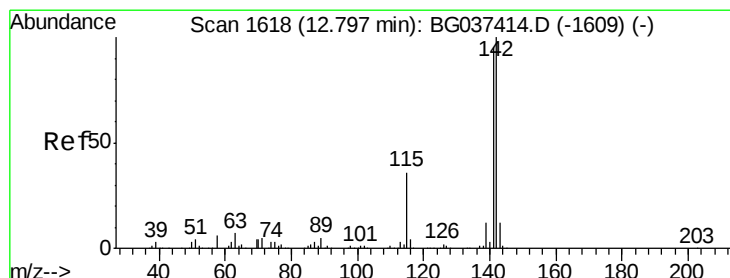
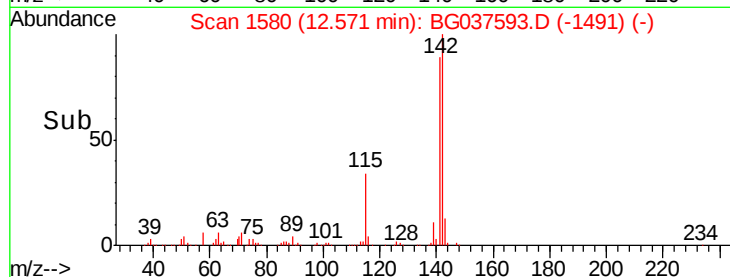
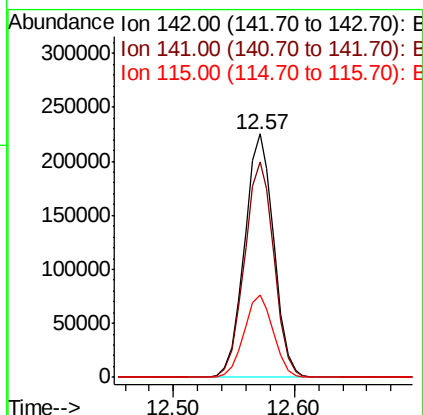
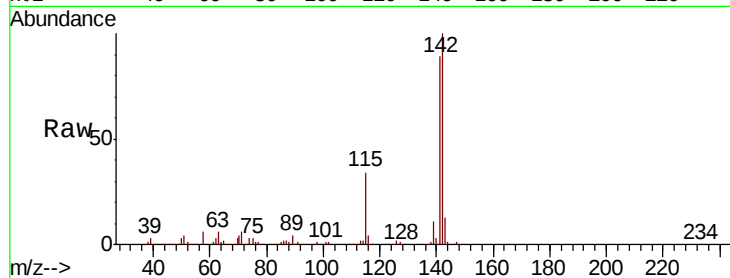




#37
2-Methylnaphthalene
Concen: 43.779 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

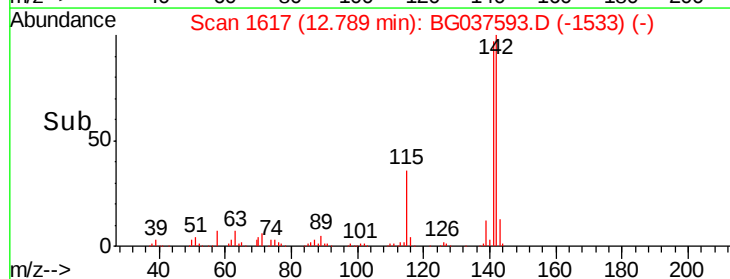
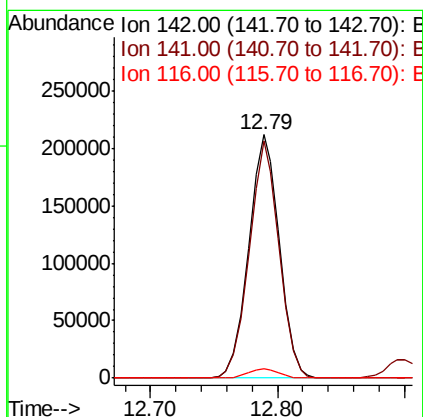
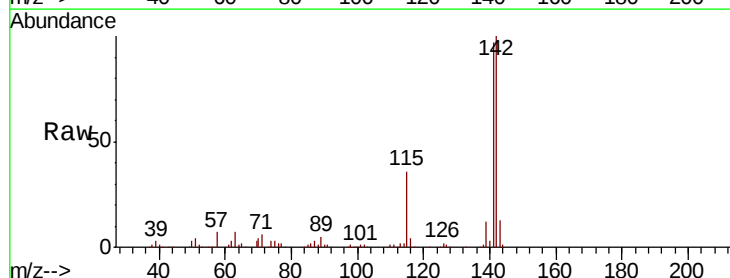
Instrument :
BNA_G
ClientSampleId :
PB114204BS

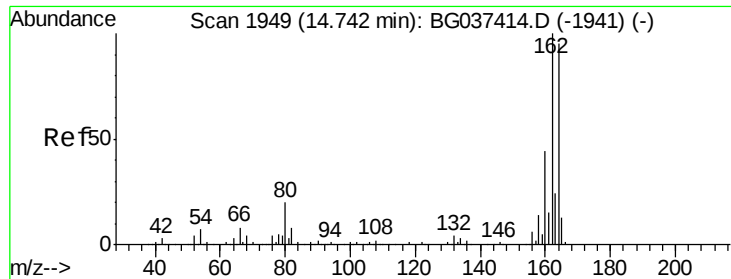
Tot Ion:142 Resp: 379444
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9
115 33.6 27.8 41.8



#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





#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

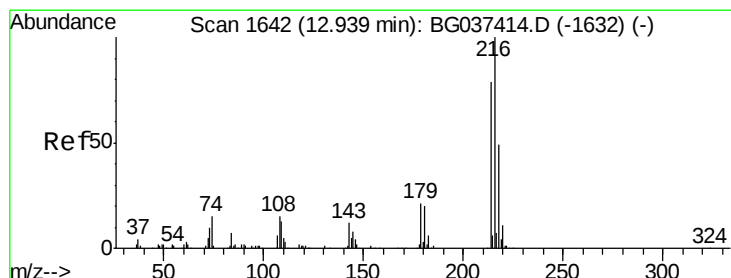
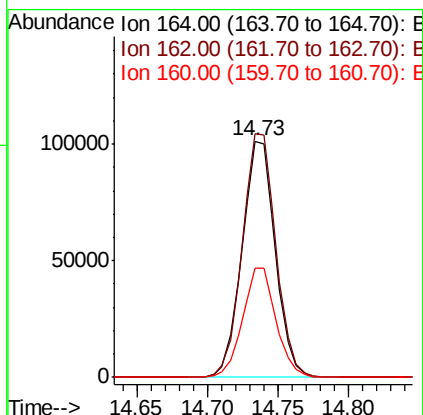
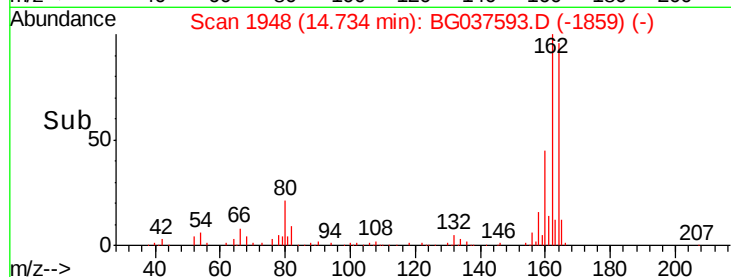
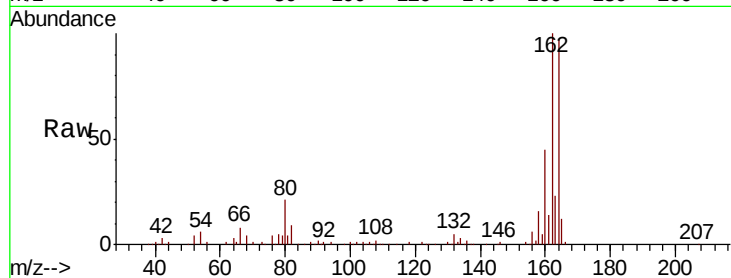
Tot Ion:164 Resp: 166369

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

160 46.0 36.3 54.5



#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

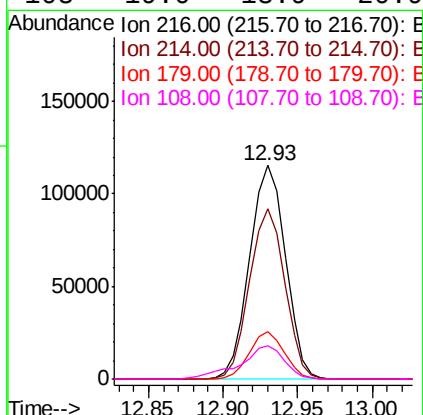
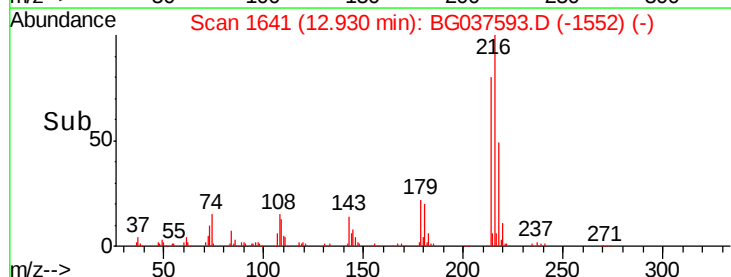
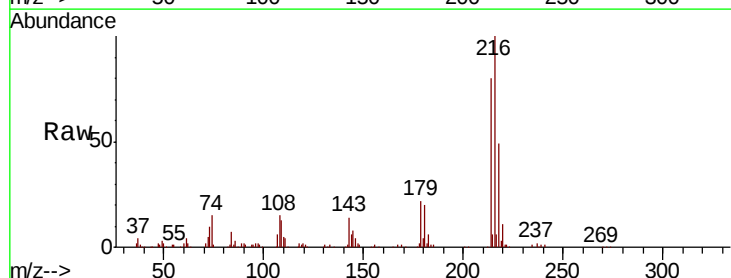
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 21.2 17.4 26.0

108 19.0 13.9 20.9





#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

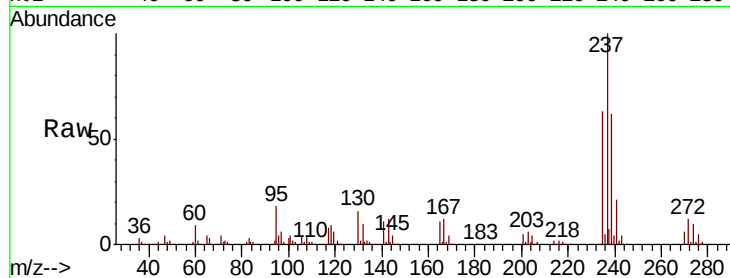
Tot Ion:237 Resp: 226688

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

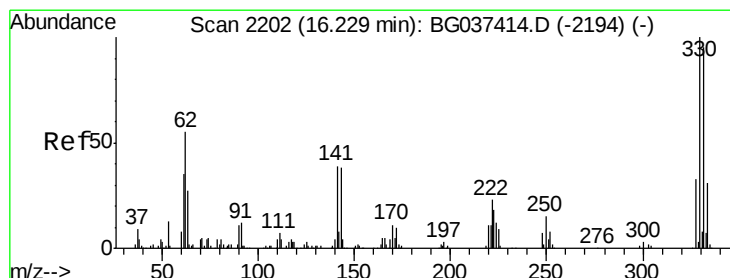
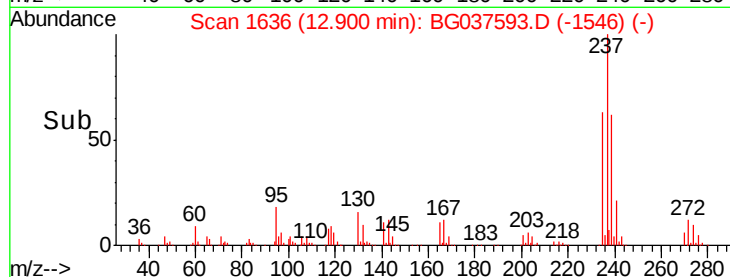
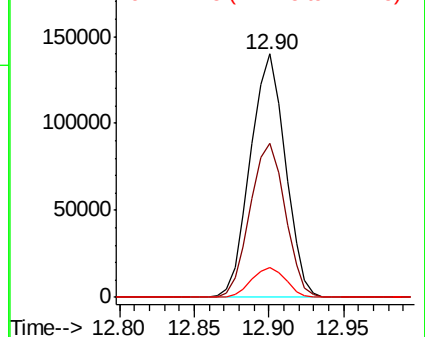
272 12.3 0.0 31.6



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

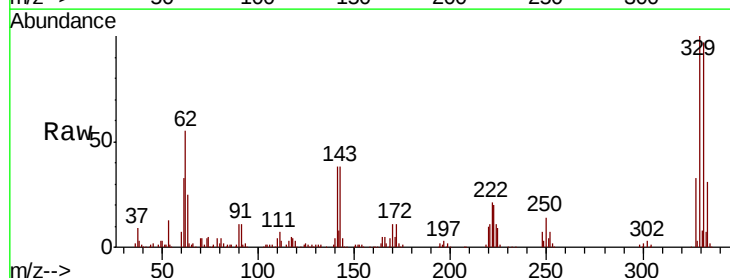
Tgt Ion:330 Resp: 235108

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

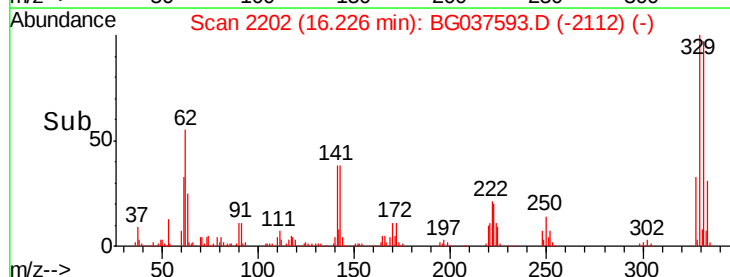
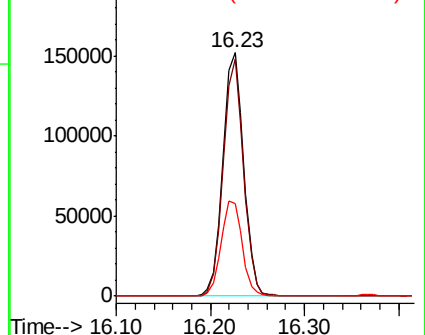
141 39.5 32.2 48.2

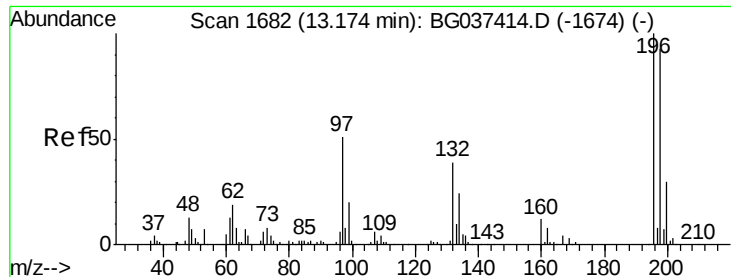


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

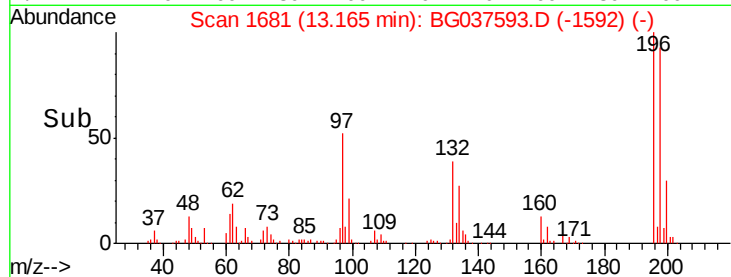
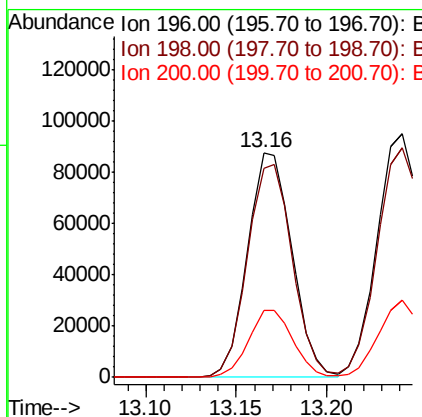
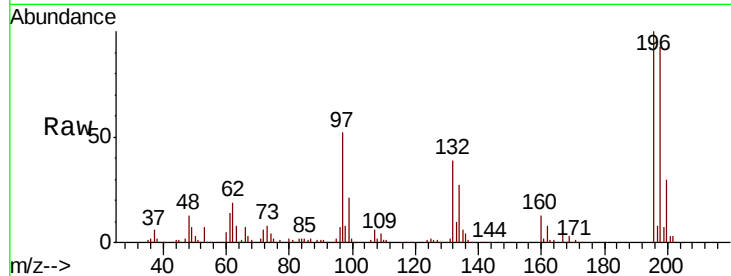




#43
 2,4,6-Trichlorophenol
 Concen: 41.709 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

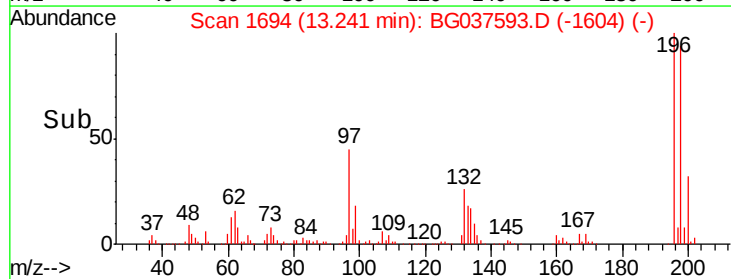
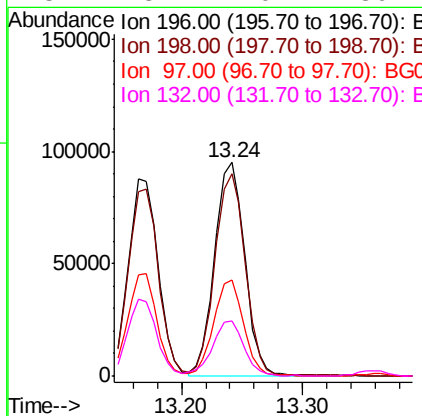
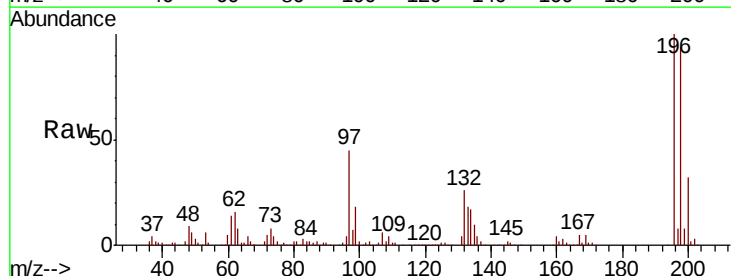
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

Tot Ion:196 Resp: 149531
 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:196 Resp: 163692
 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

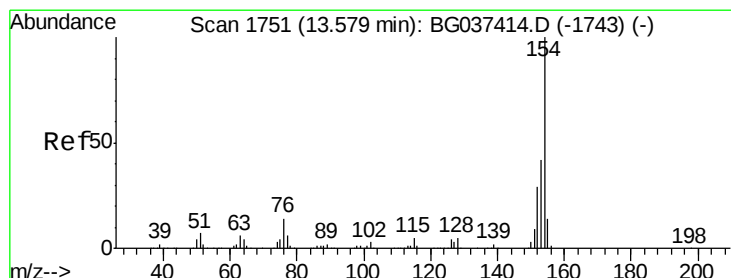
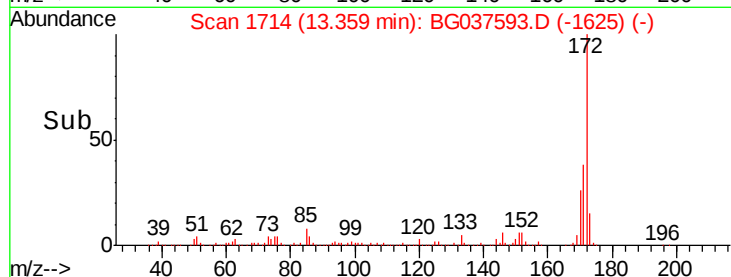
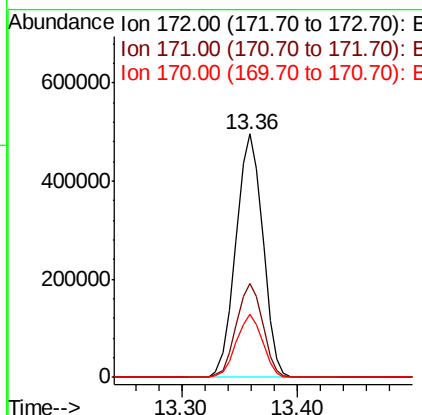
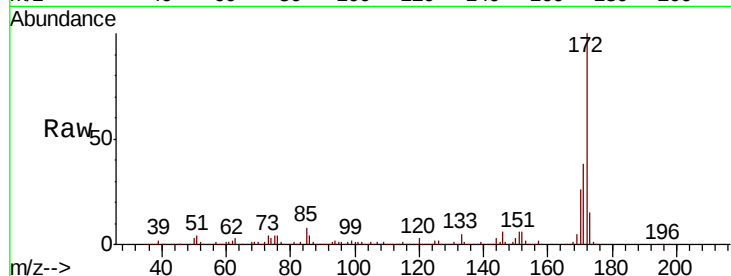




#45
2-Fluorobiphenyl
Concen: 72.639 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

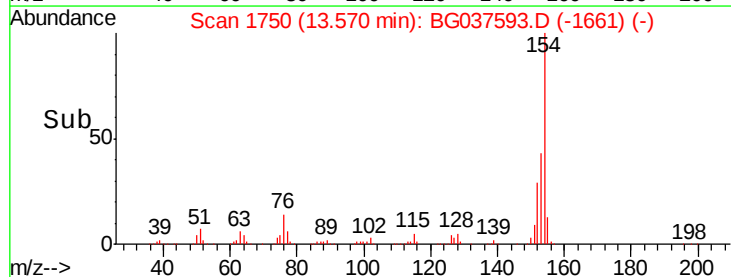
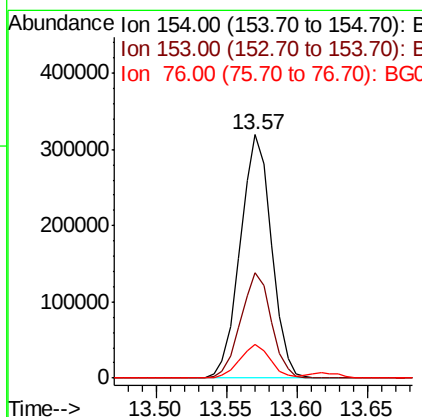
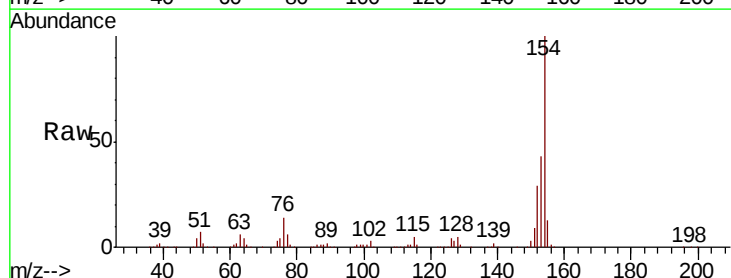
Instrument :
BNA_G
ClientSampleId :
PB114204BS

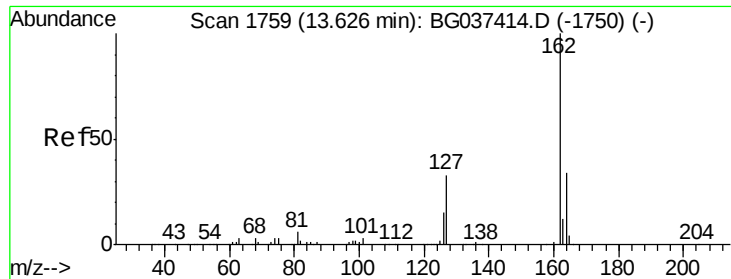
Tot Ion:172 Resp: 801417
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 25.8 20.2 30.2



#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:154 Resp: 493854
Ion Ratio Lower Upper
154 100
153 43.4 22.1 62.1
76 13.7 0.0 33.2

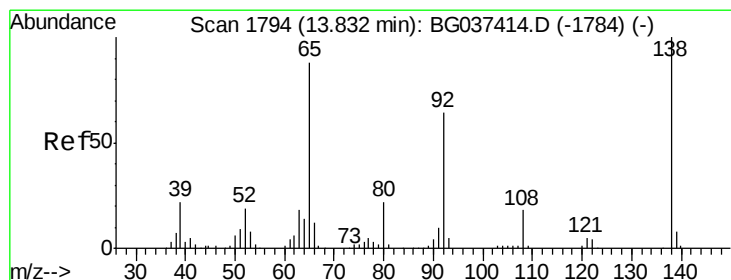
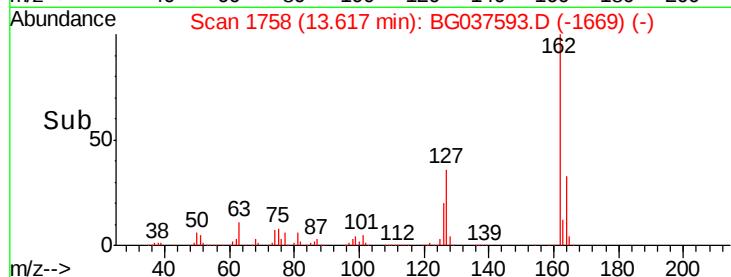
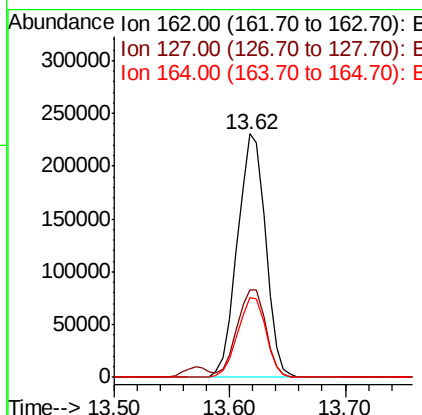
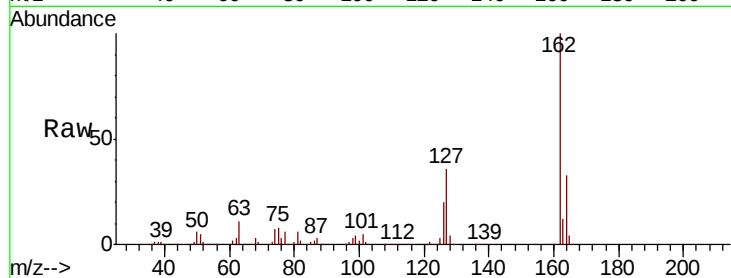




#47
 2-Chloronaphthalene
 Concen: 37.347 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

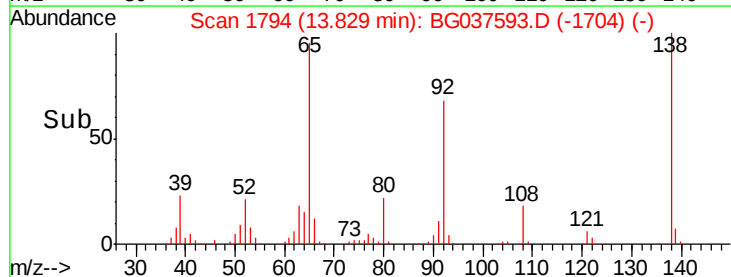
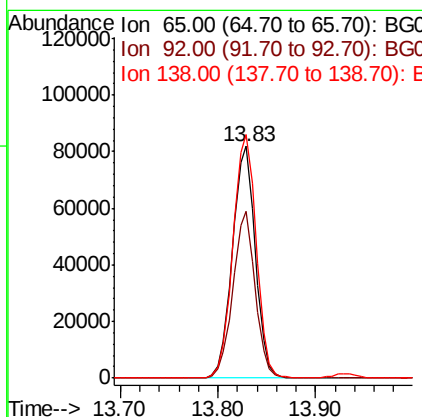
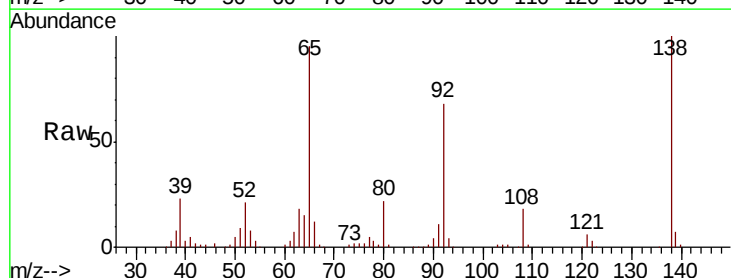
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

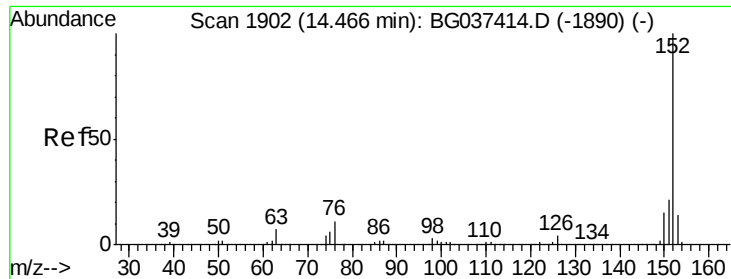
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.5	45.7
164	32.9	26.4	39.6



#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





#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

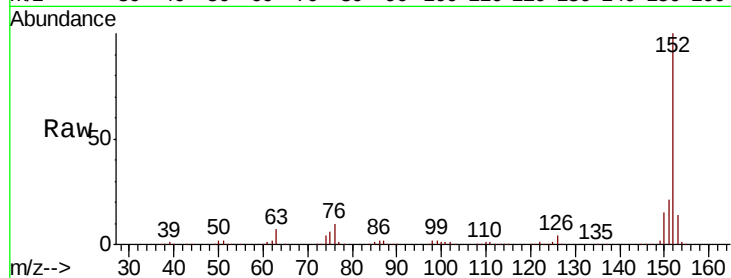
Tot Ion:152 Resp: 660426

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

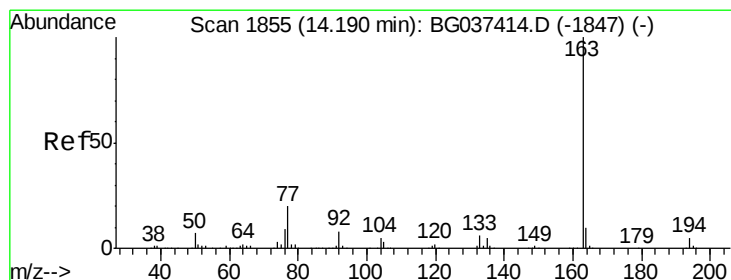
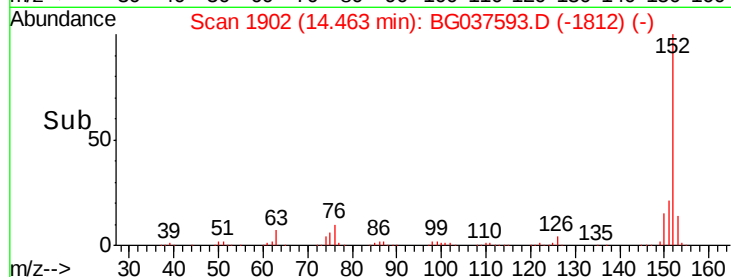
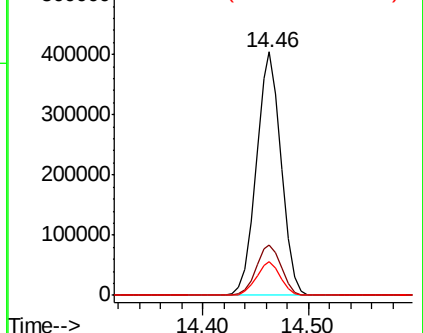
153 14.0 11.1 16.7



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

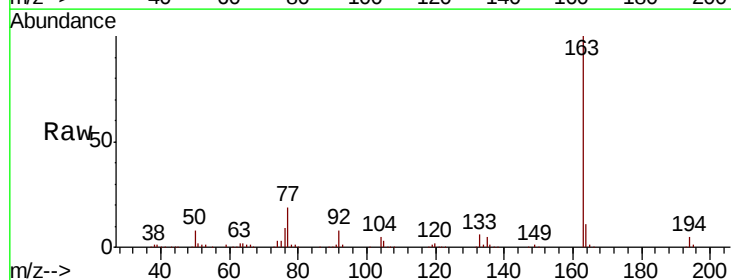
Tgt Ion:163 Resp: 519562

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

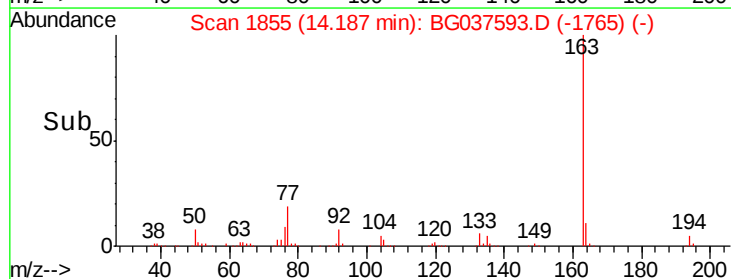
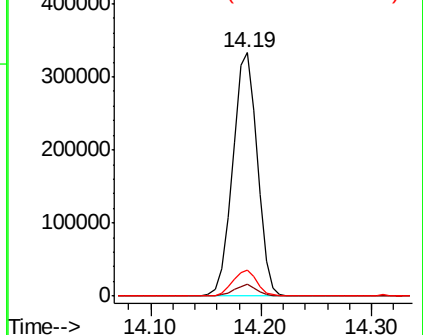
164 10.6 8.5 12.7

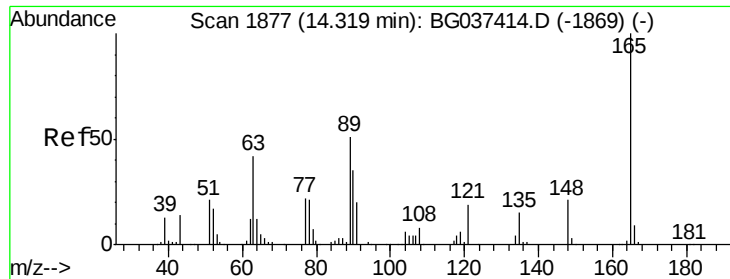


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

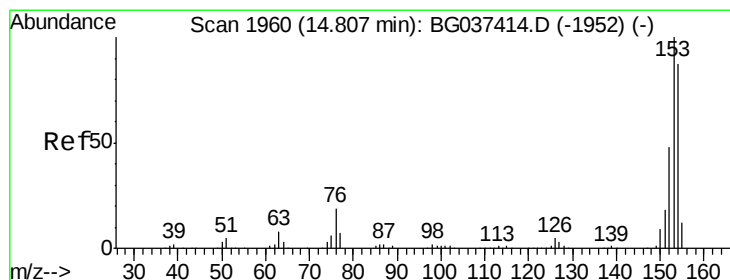
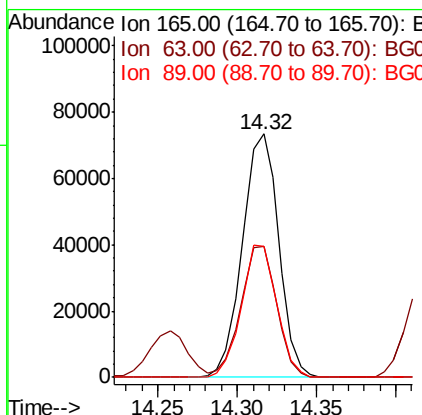
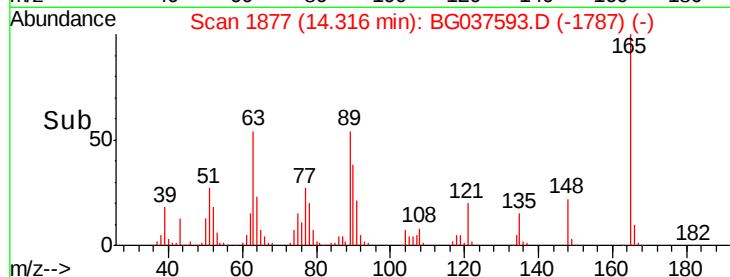
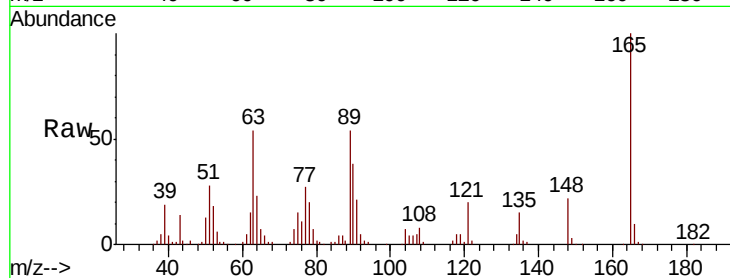




#51
 2,6-Dinitrotoluene
 Concen: 41.037 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

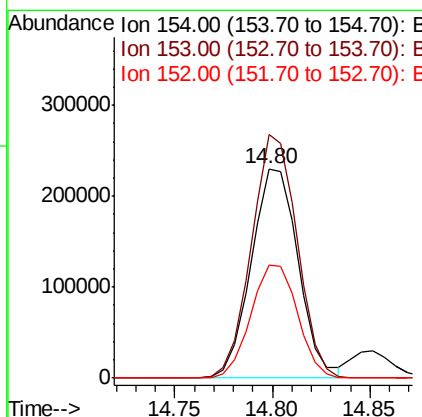
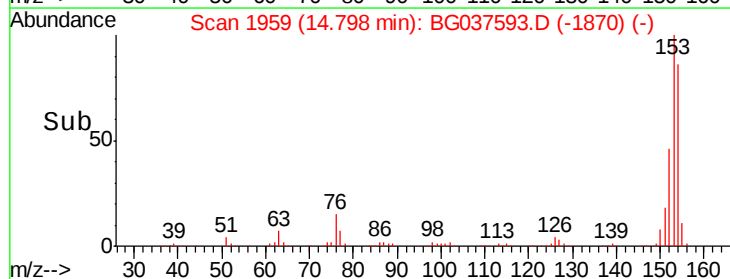
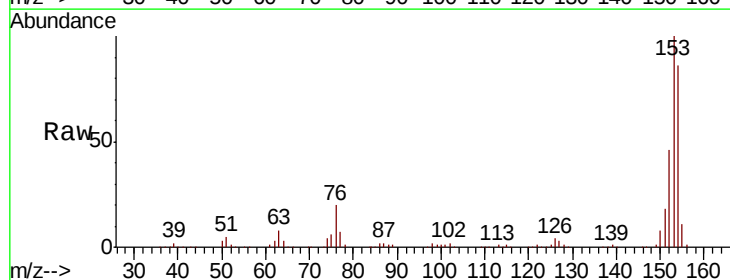
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

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



#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





#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

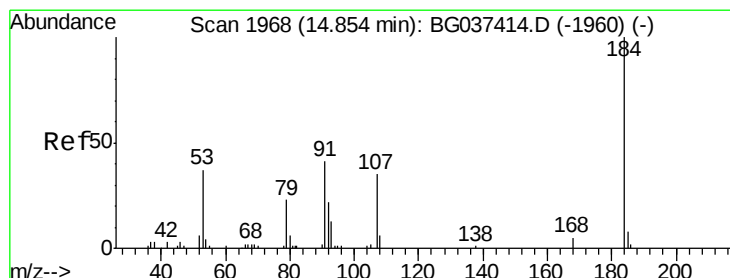
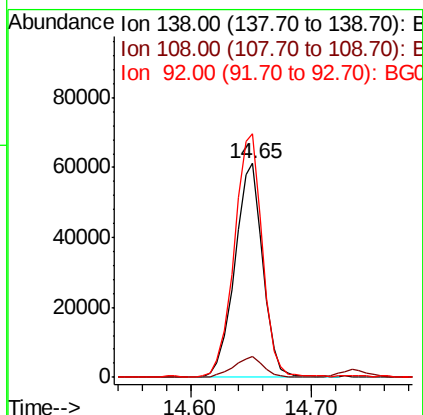
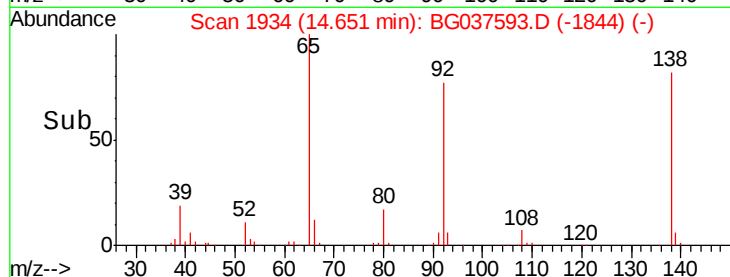
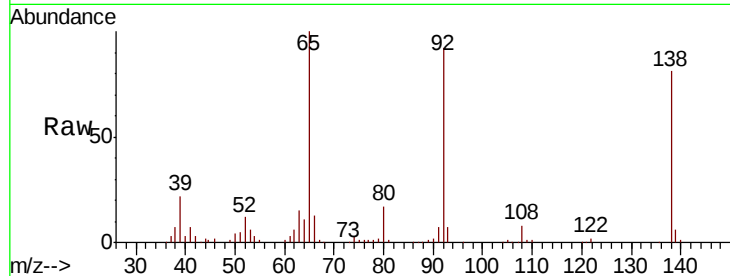
Tot Ion:138 Resp: 98749

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

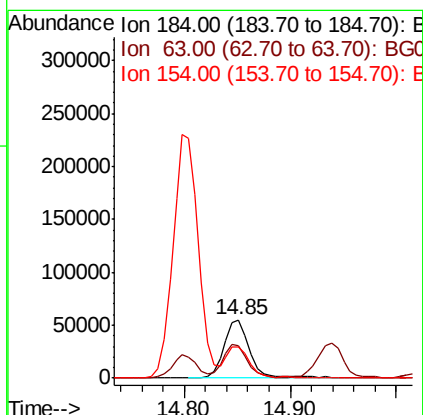
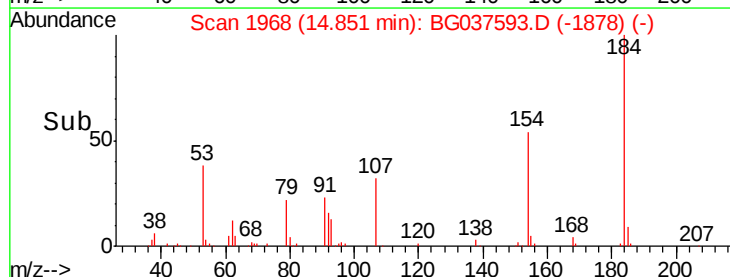
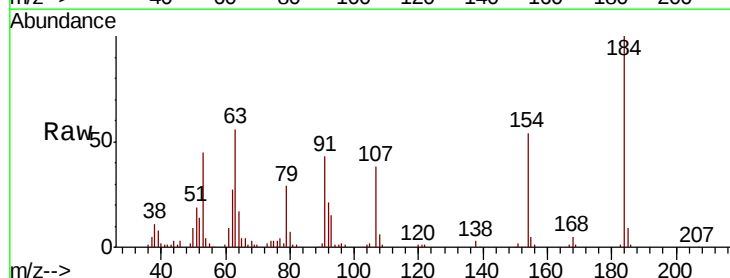
Tgt Ion:184 Resp: 91764

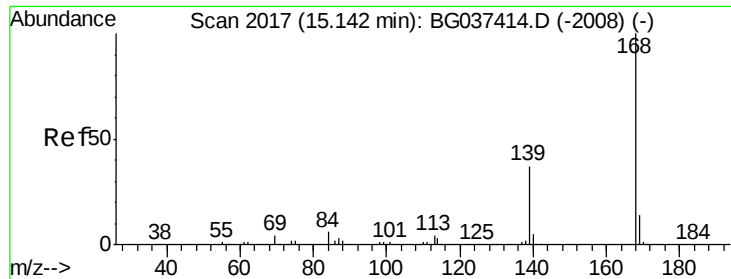
Ion Ratio Lower Upper

184 100

63 55.9 42.6 63.8

154 54.2 41.8 62.6

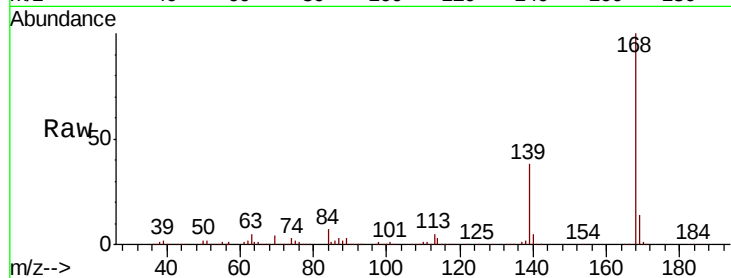




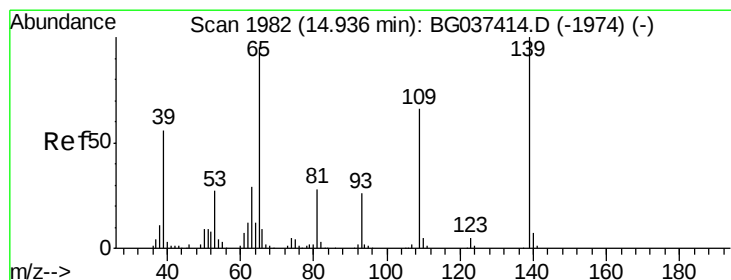
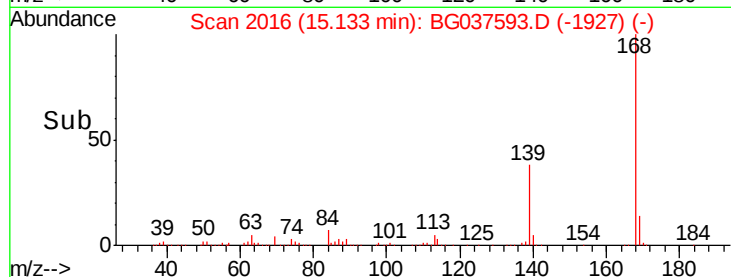
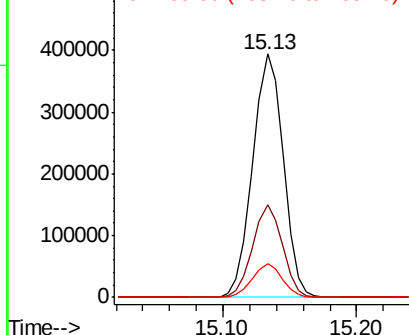
#55
Dibenzofuran
Concen: 38.864 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampled :
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

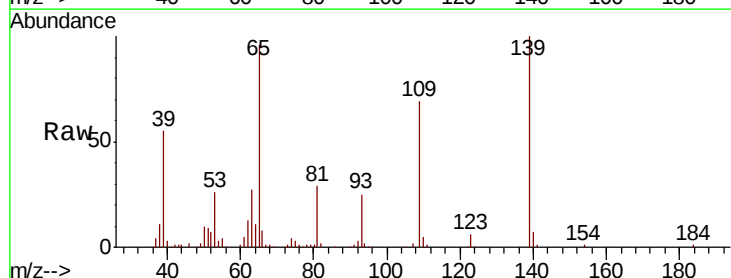


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

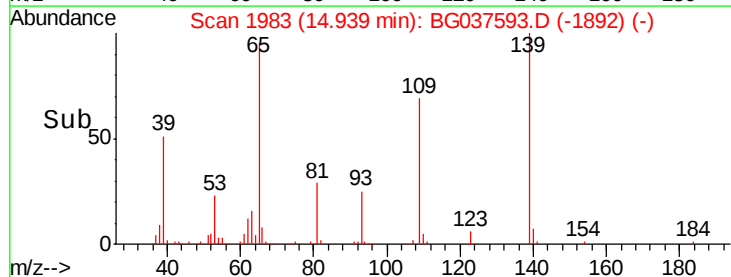
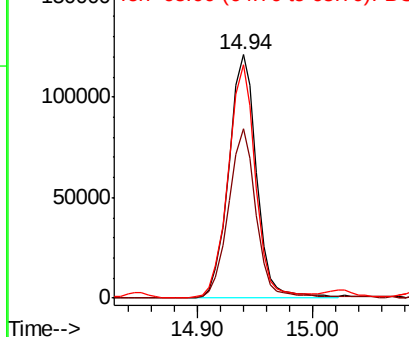


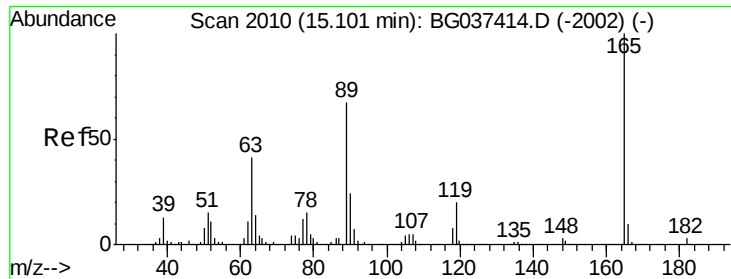
#56
4-Nitrophenol
Concen: 86.630 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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): BGO

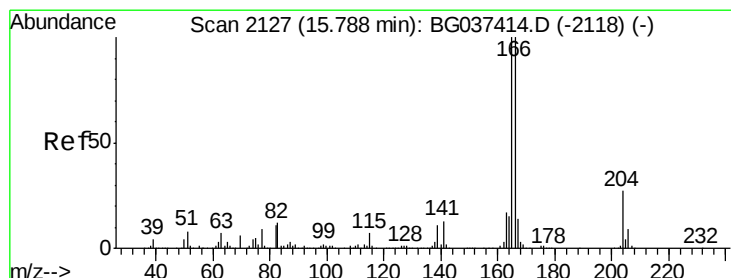
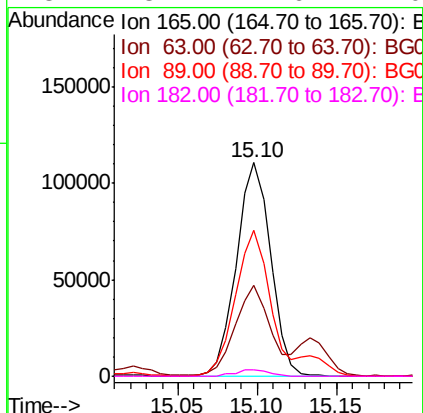
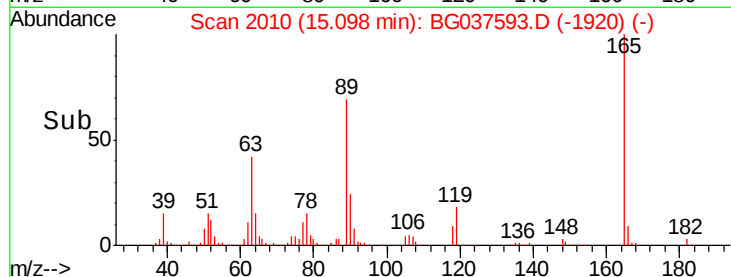
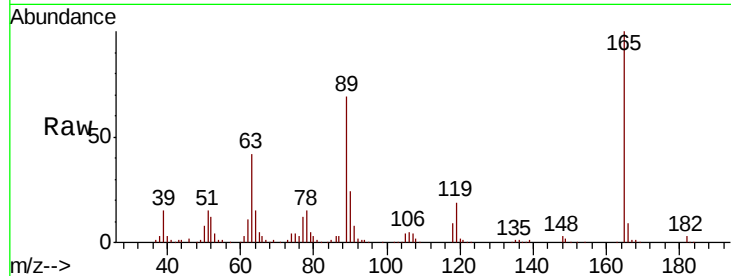




#57
2,4-Dinitrotoluene
Concen: 44.450 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

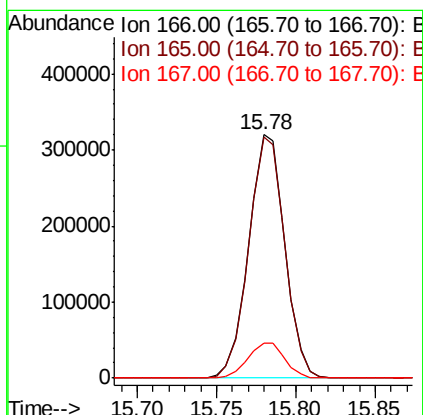
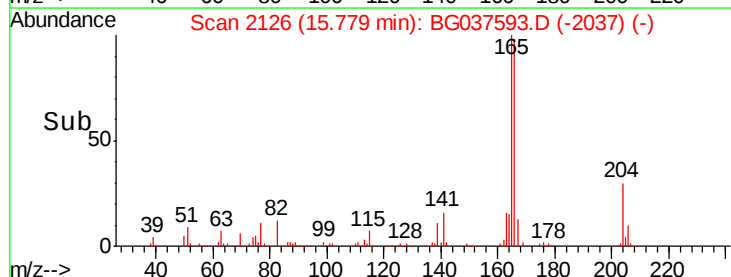
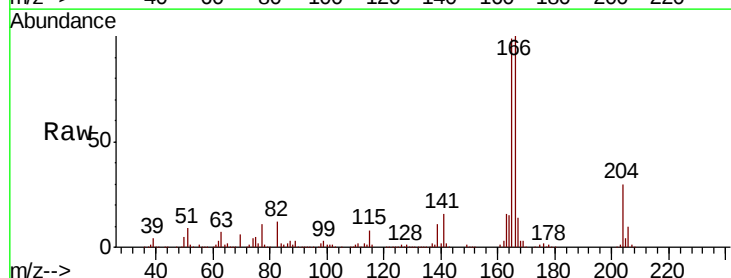
Instrument :
BNA_G
ClientSampleId :
PB114204BS

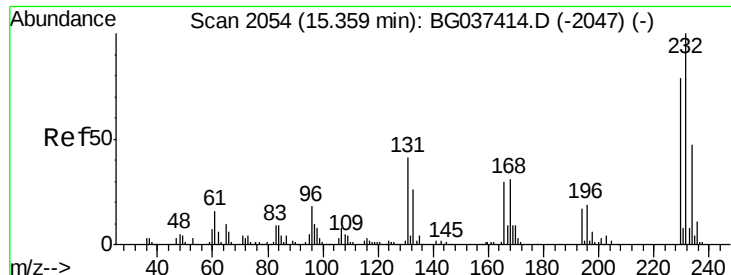
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	42.4	33.4	50.0	
89	68.6	57.2	85.8	
182	3.2	2.6	4.0	



#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	Ion	Ratio	Lower	Upper
166	100			
165	98.9	79.0	118.6	
167	14.5	11.3	16.9	





#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:232 Resp: 143733

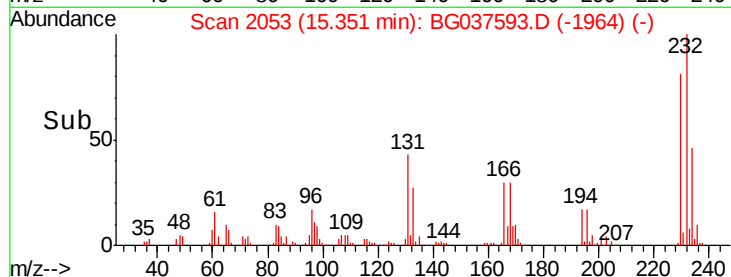
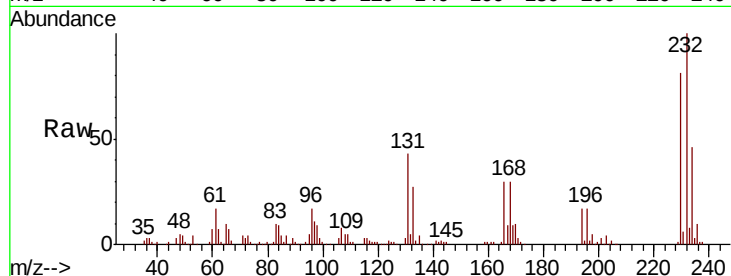
Ion Ratio Lower Upper

232 100

131 43.8 33.7 50.5

130 2.4 2.1 3.1

166 31.4 24.6 36.8

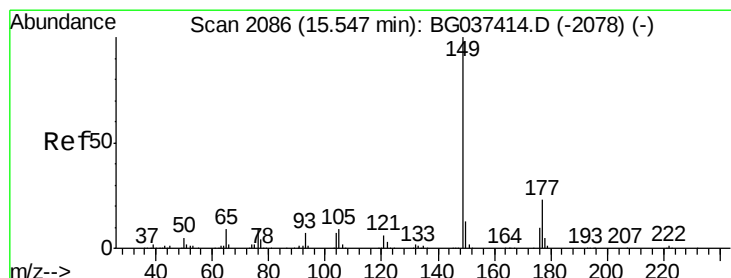
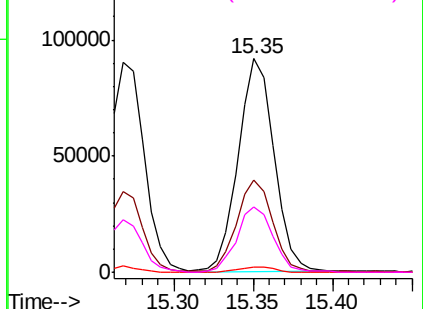


Abundance Ion 232.00 (231.70 to 232.70): E

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

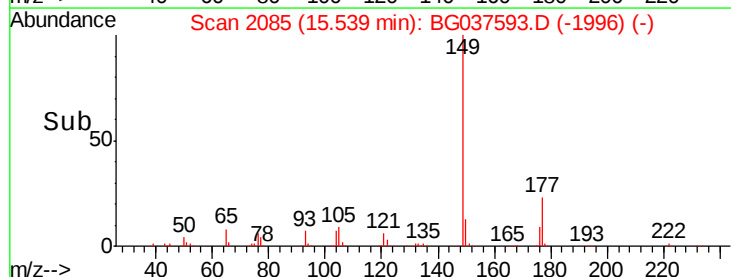
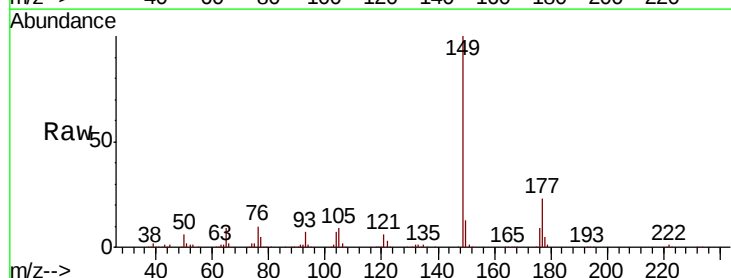
Tgt Ion:149 Resp: 535769

Ion Ratio Lower Upper

149 100

177 23.2 18.3 27.5

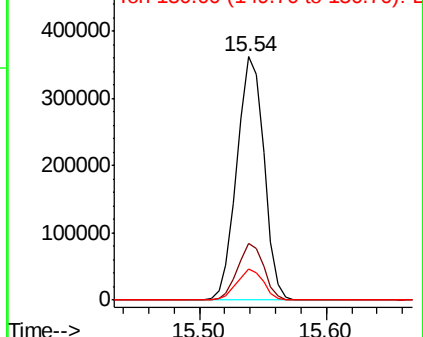
150 12.6 10.0 15.0

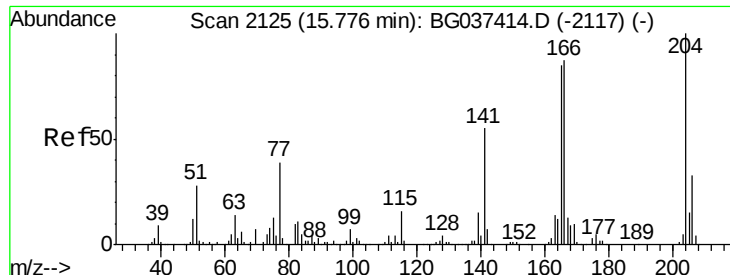


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

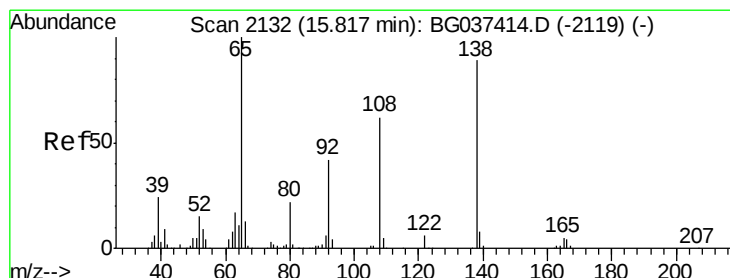
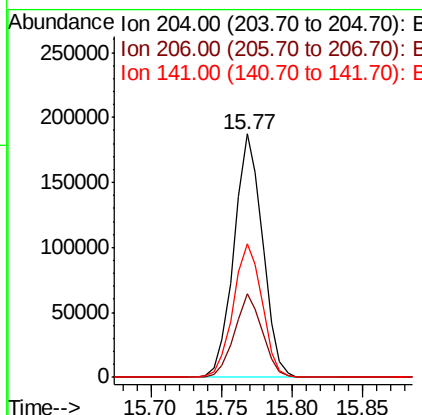
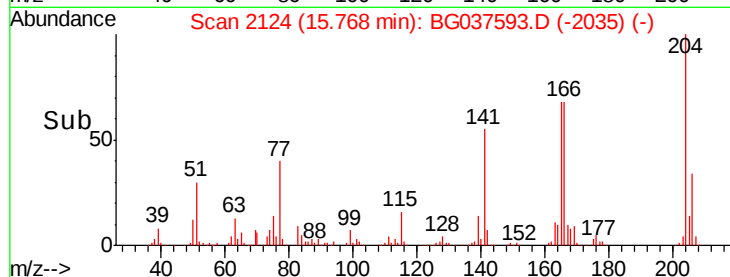
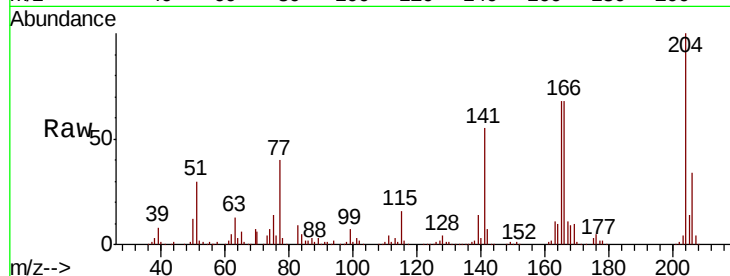




#61
4-Chlorophenyl-phenylether
Concen: 37.801 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

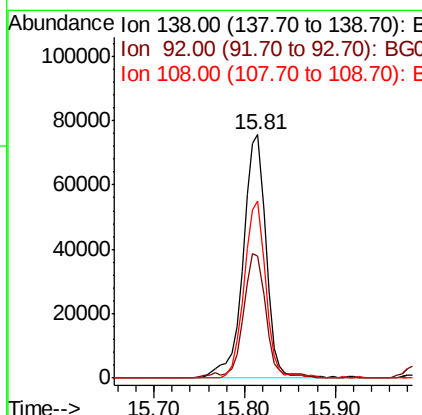
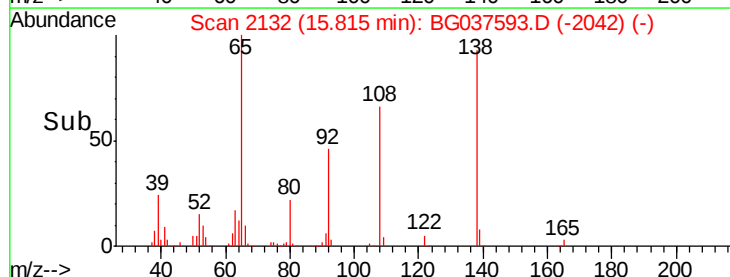
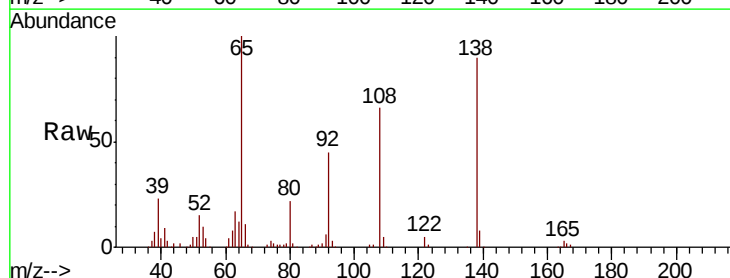
Instrument :
BNA_G
ClientSampleId :
PB114204BS

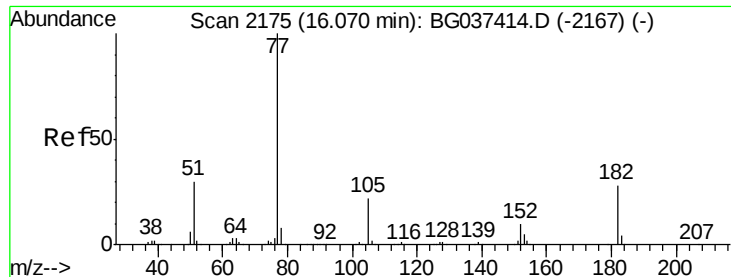
Tot Ion:204 Resp: 263990
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 54.6 45.4 68.2



#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:138 Resp: 132423
Ion Ratio Lower Upper
138 100
92 50.0 36.4 76.4
108 72.7 60.1 100.1

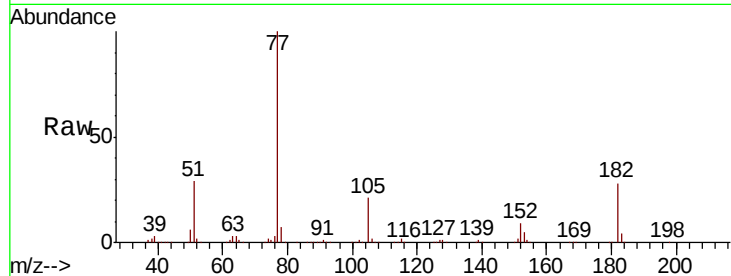




#63
Azobenzene
Concen: 40.172 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion	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



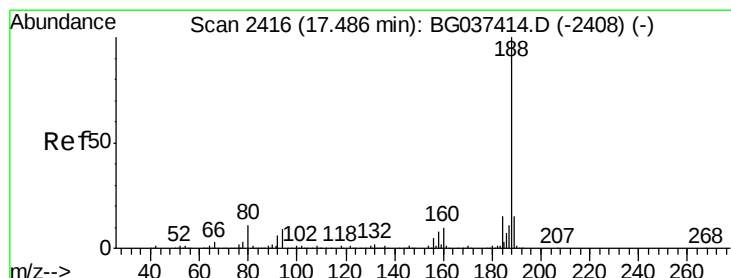
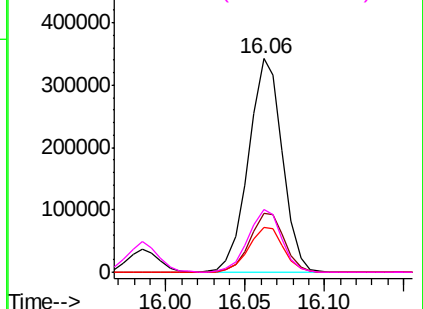
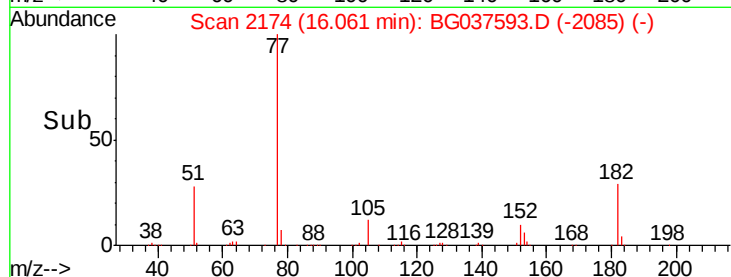
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

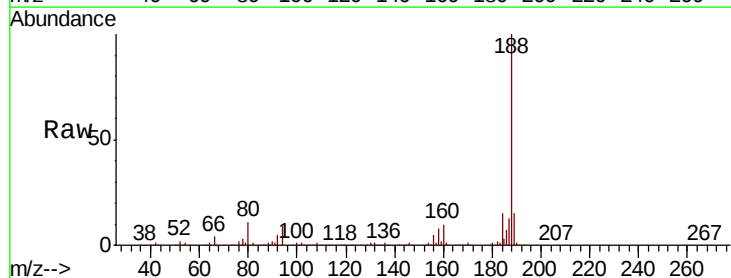
Ion 105.00 (104.70 to 105.70): BGC

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	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.6	7.7	11.5

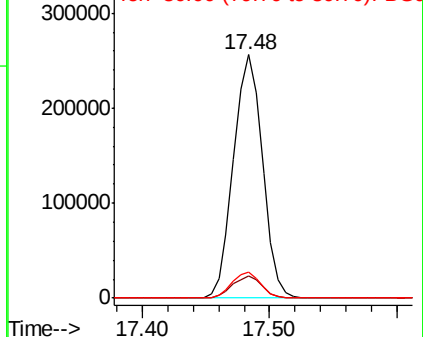
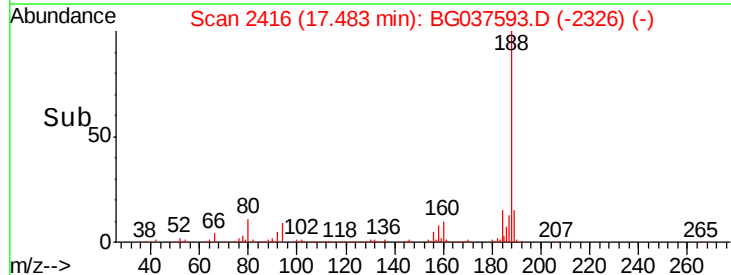


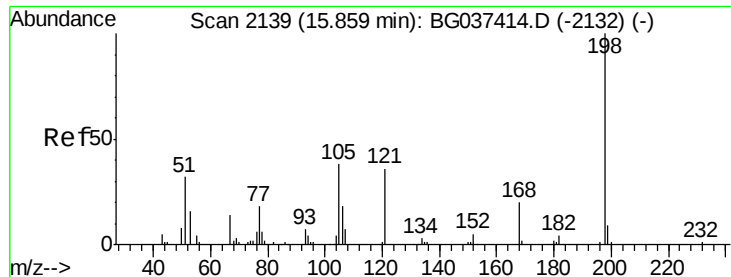
Abundance

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

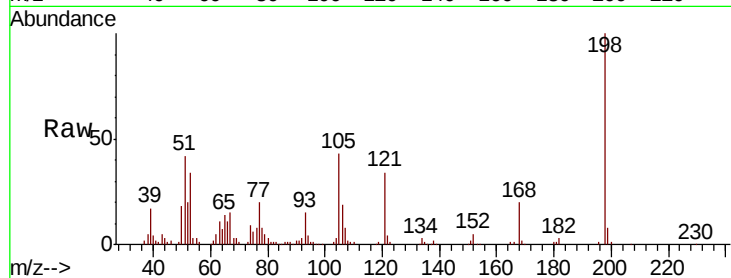
Tot Ion:198 Resp: 81201

Ion	Ratio	Lower	Upper
198	100		
51	42.0	22.7	62.7
105	43.0	19.7	59.7

198 100

51 42.0 22.7 62.7

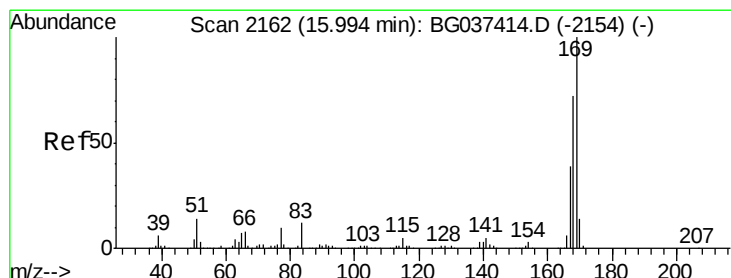
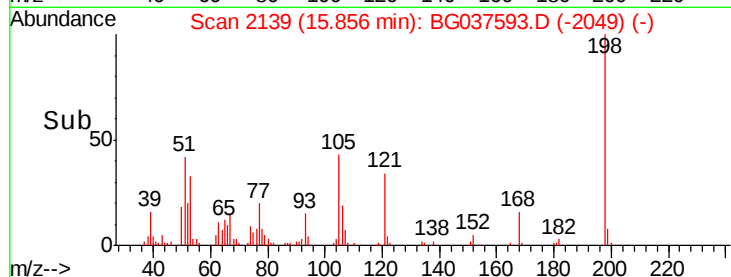
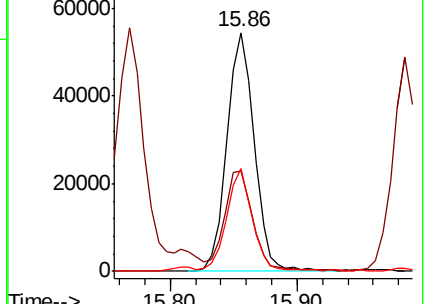
105 43.0 19.7 59.7



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

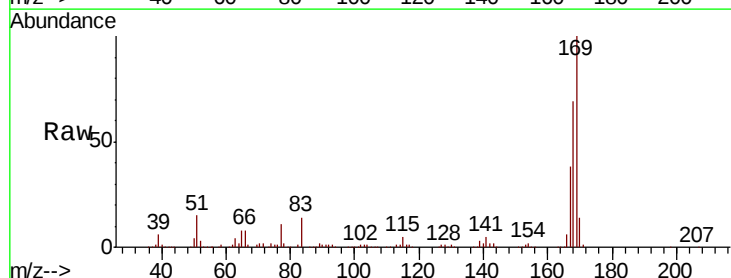
Tgt Ion:169 Resp: 465940

Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	38.4	31.3	46.9

169 100

168 69.3 55.7 83.5

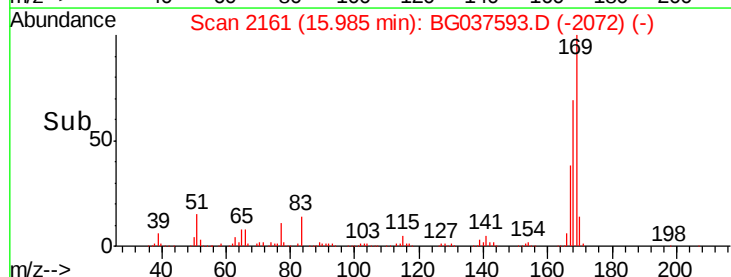
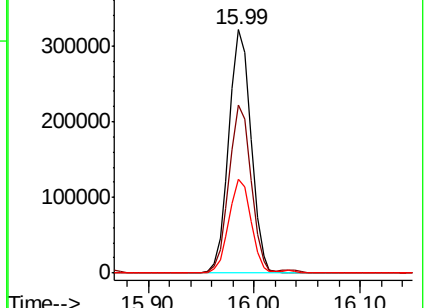
167 38.4 31.3 46.9



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

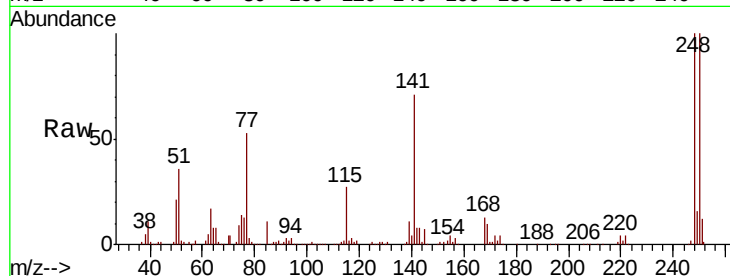




#67
 4-Bromophenyl-phenylether
 Concen: 37.340 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

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

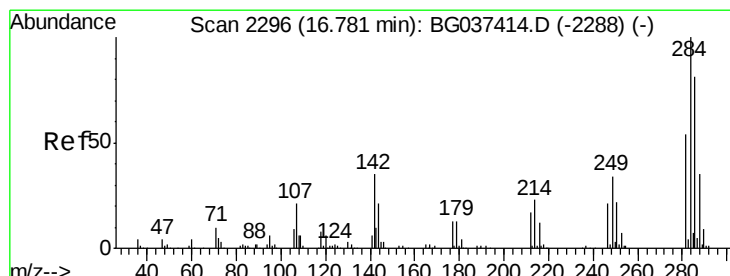
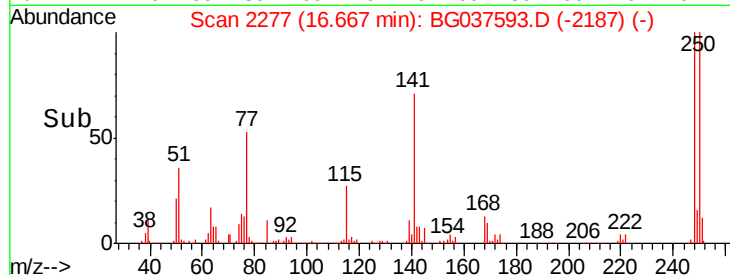
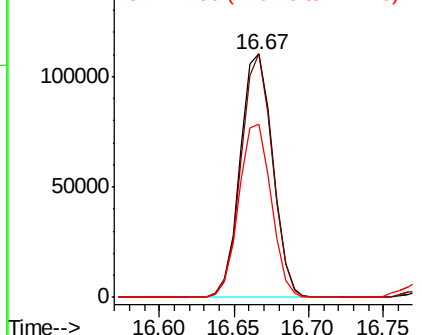


Abundance

Ion 248.00 (247.70 to 248.70): E

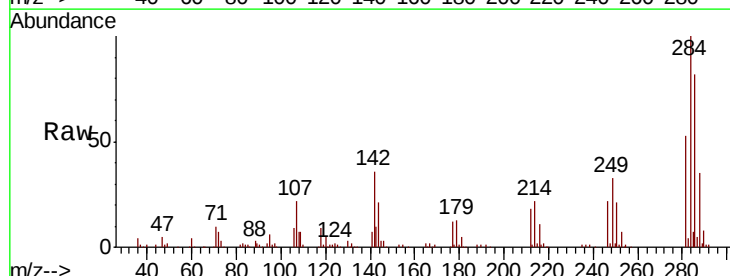
Ion 250.00 (249.70 to 250.70): E

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	Ratio	Lower	Upper
284	100		
142	36.0	28.1	42.1
249	35.4	29.8	44.8

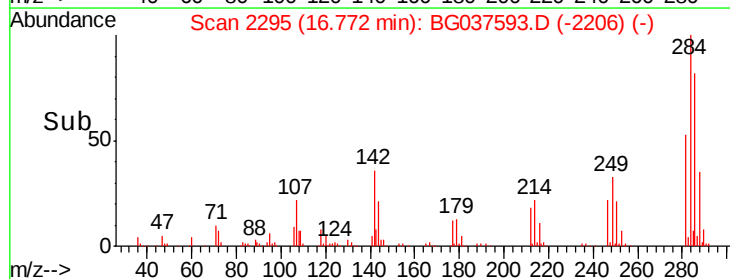
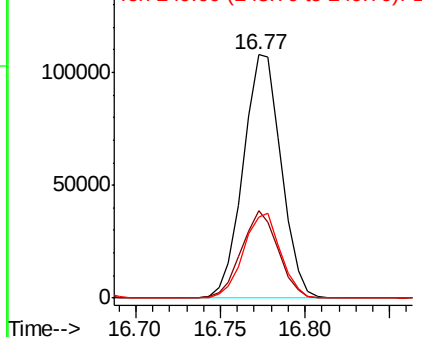


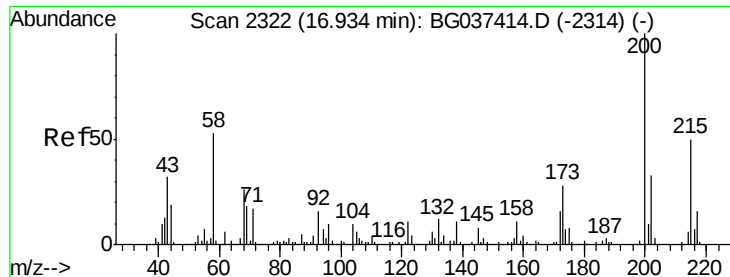
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

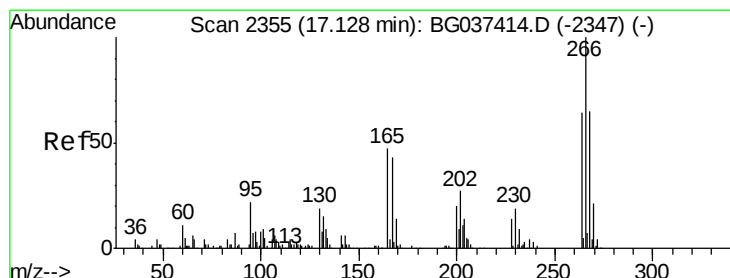
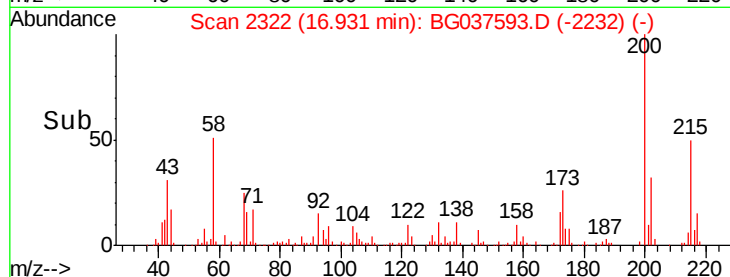
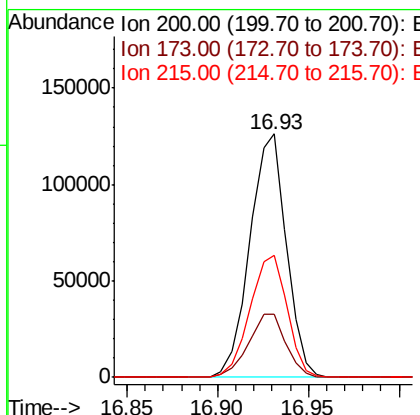
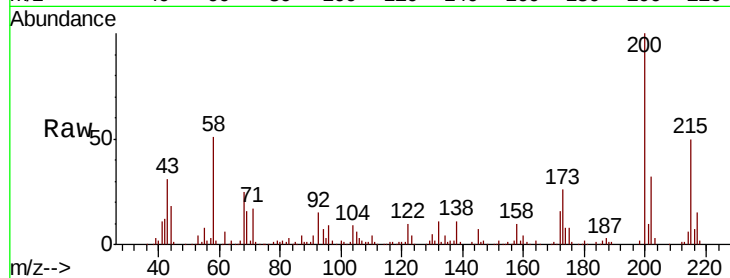




#69
 Atrazine
 Concen: 39.941 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037593.D
 Acq: 26 Oct 2018 23:04

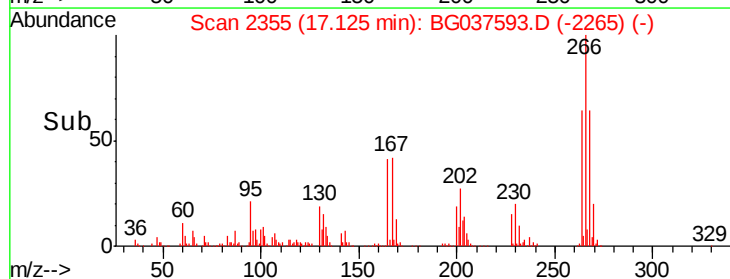
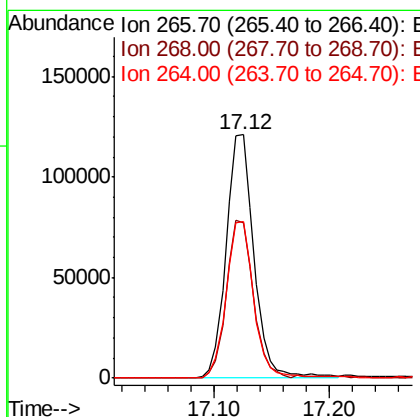
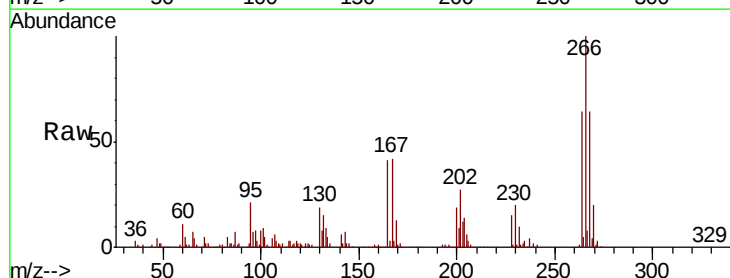
Instrument :
 BNA_G
 ClientSampleId :
 PB114204BS

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

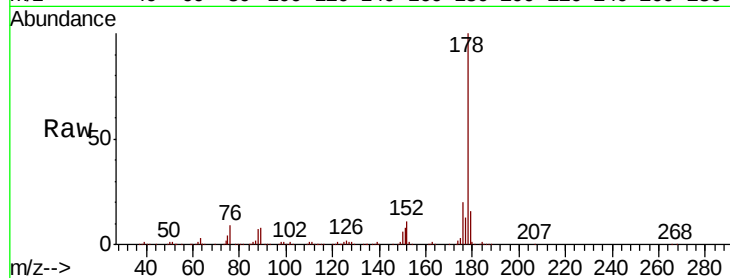




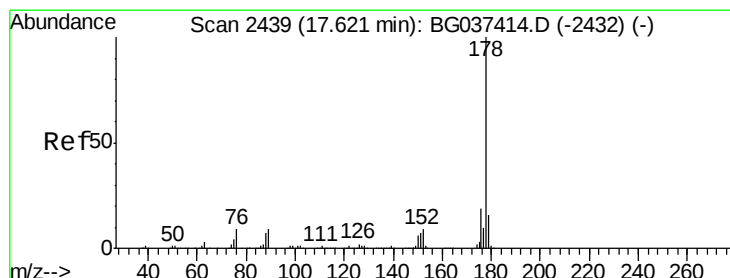
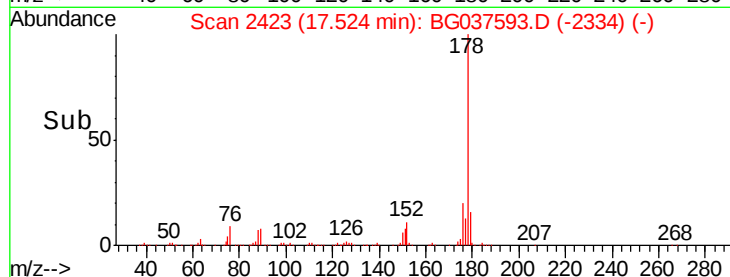
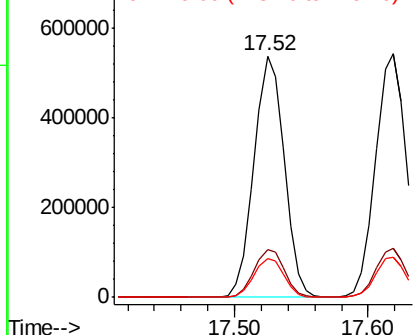
#71
Phenanthrene
Concen: 40.779 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

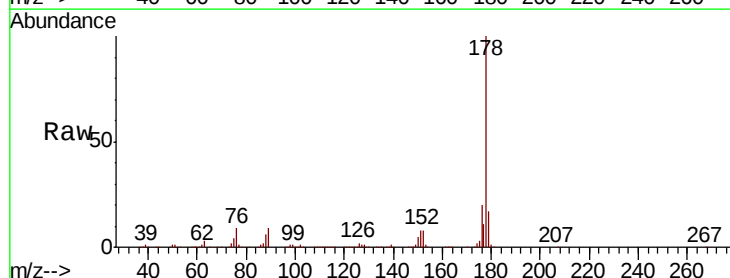


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

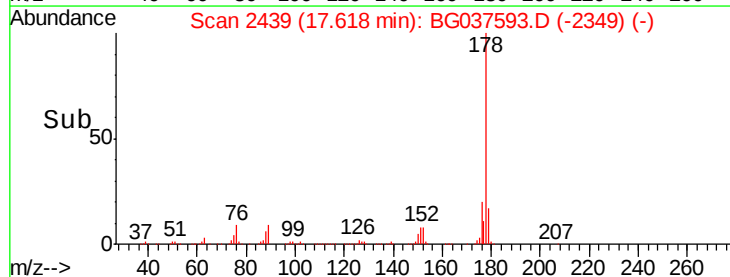
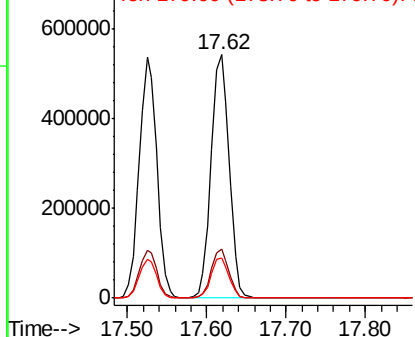


#72
Anthracene
Concen: 42.523 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 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

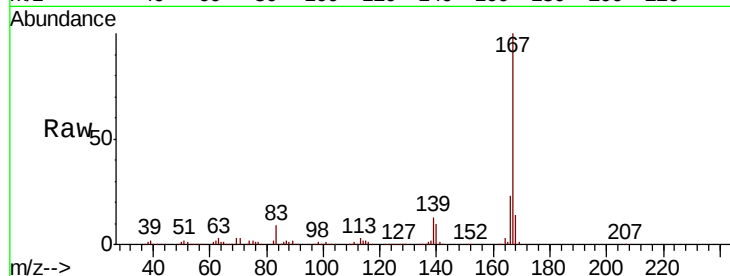
Tot Ion:167 Resp: 781258

Ion Ratio Lower Upper

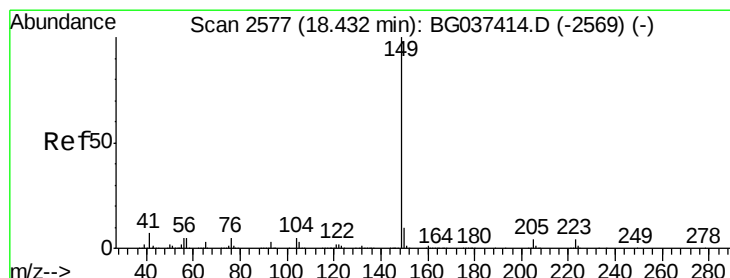
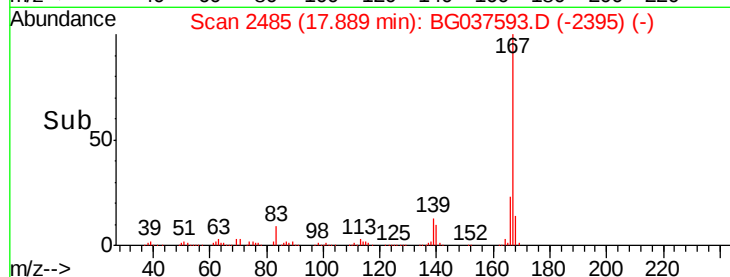
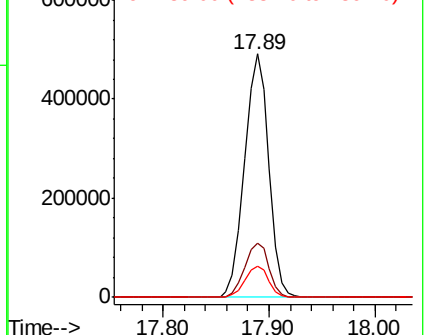
167 100

166 22.5 18.3 27.5

139 13.0 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 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

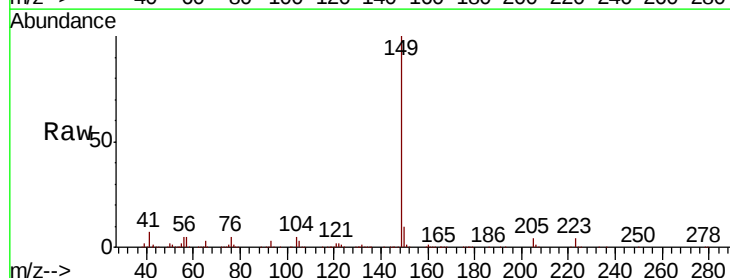
Tgt Ion:149 Resp: 922112

Ion Ratio Lower Upper

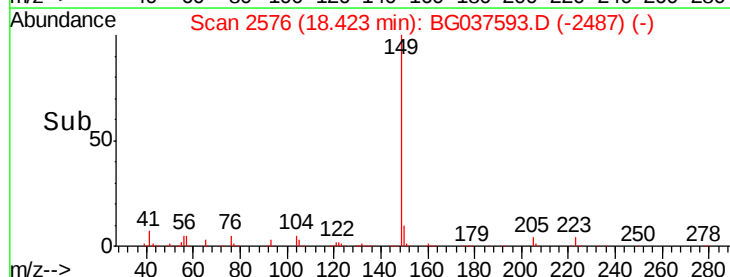
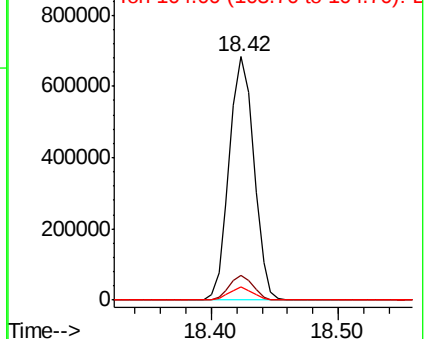
149 100

150 10.1 8.2 12.2

104 5.3 4.0 6.0



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





#75

Fluoranthene

Concen: 41.681 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

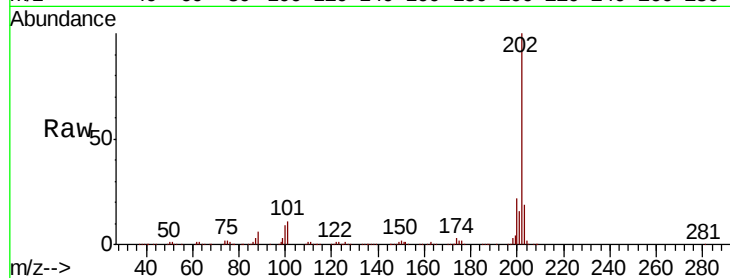
Tot Ion:202 Resp: 974083

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

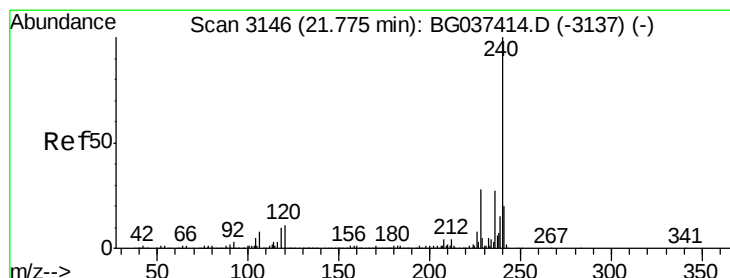
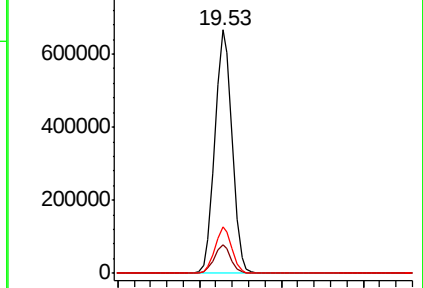
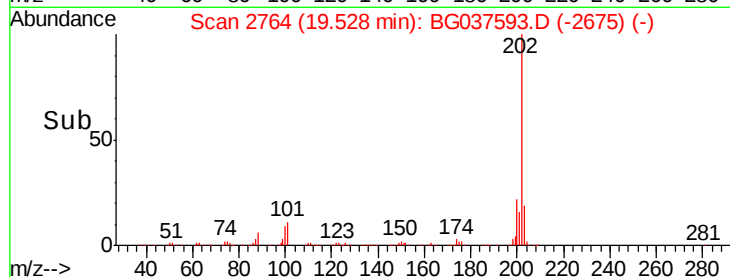
203 19.1 0.0 38.5



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

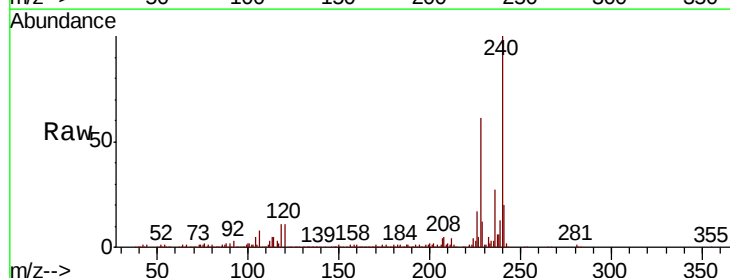
Tgt Ion:240 Resp: 363747

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

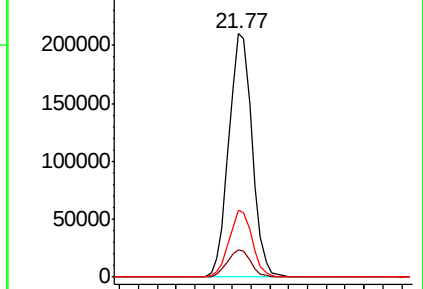
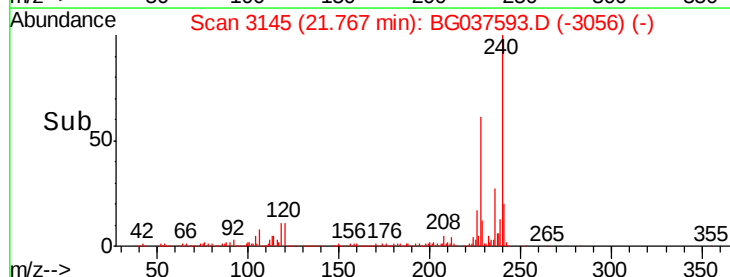
236 27.4 21.4 32.0



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

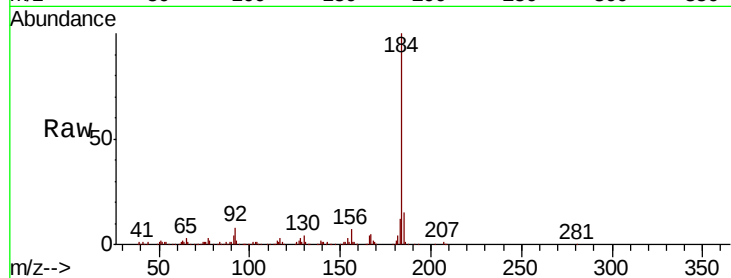
Tot Ion:184 Resp: 381698

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

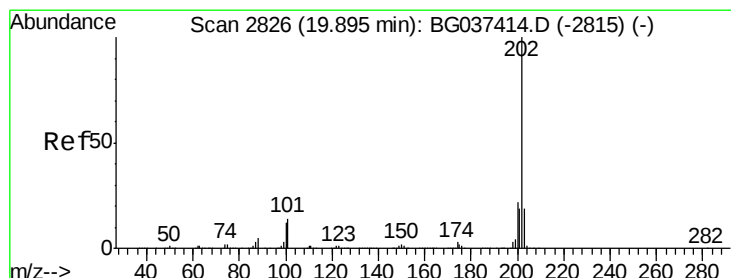
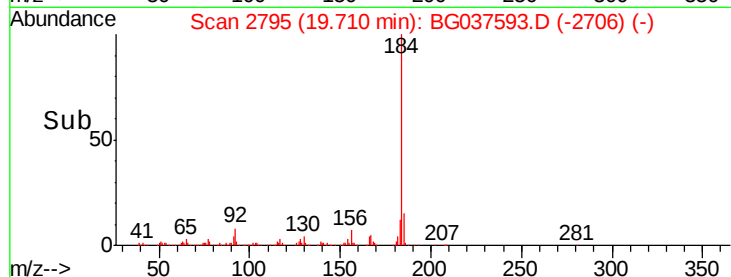
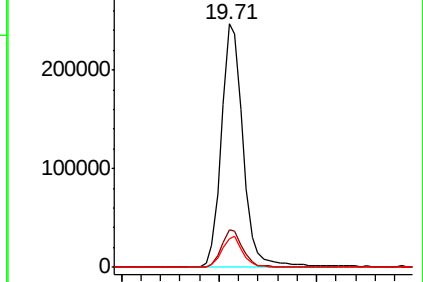
183 12.0 10.2 15.2



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

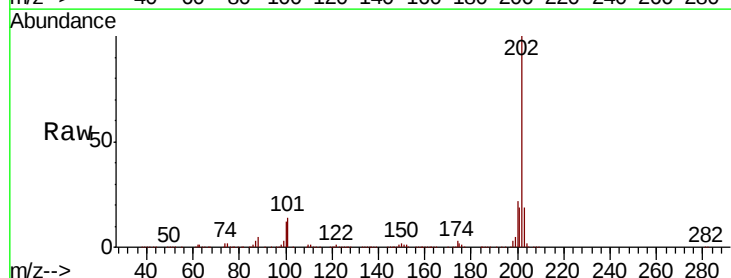
Tgt Ion:202 Resp: 970177

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

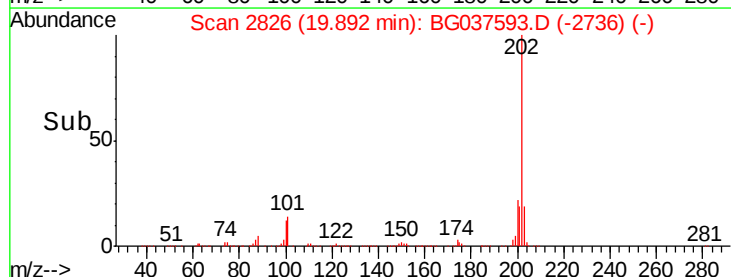
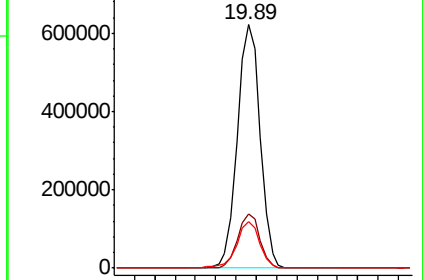
203 19.0 15.2 22.8



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

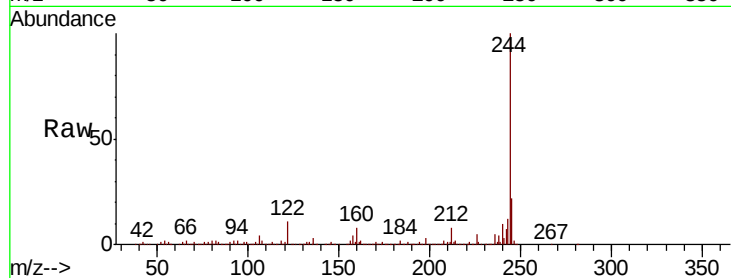
Tot Ion:244 Resp: 1021140

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

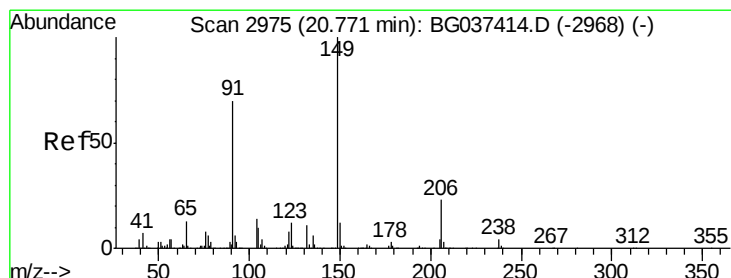
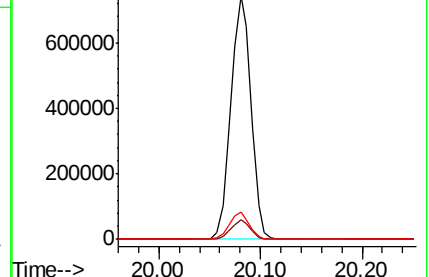
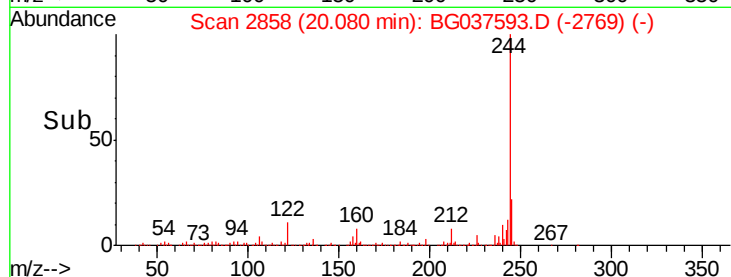
122 11.0 9.0 13.4



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

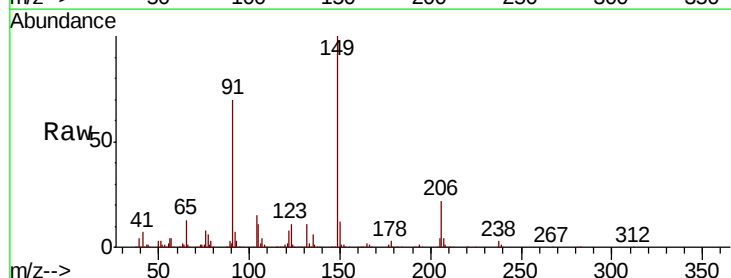
Tgt Ion:149 Resp: 415515

Ion Ratio Lower Upper

149 100

91 70.3 57.0 85.4

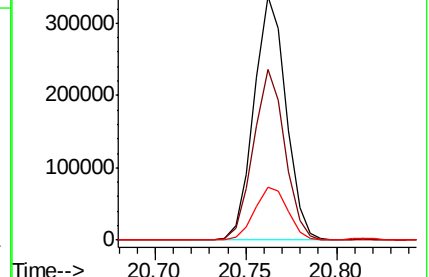
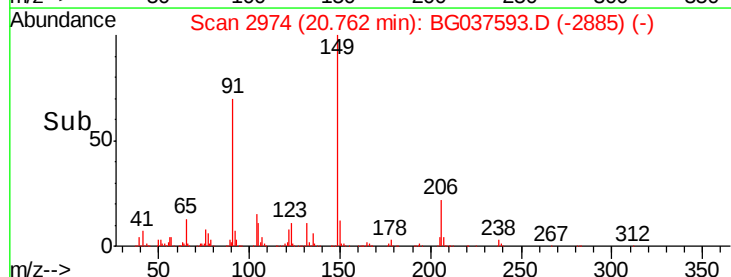
206 21.7 17.8 26.6

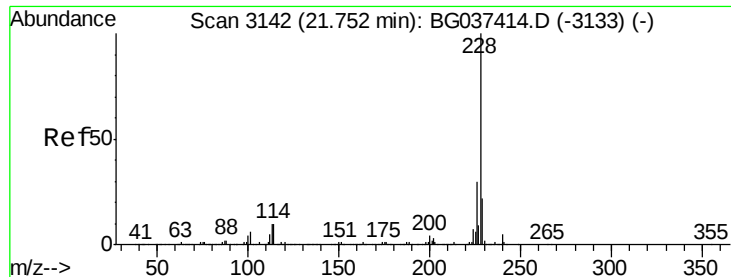


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

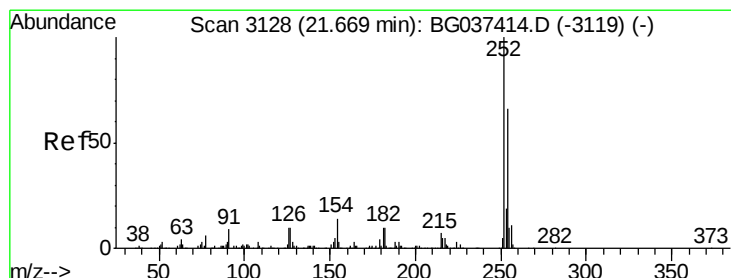
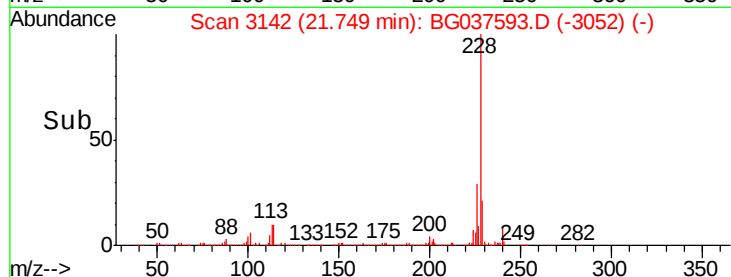
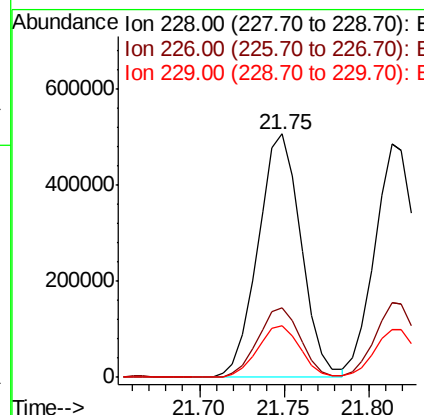
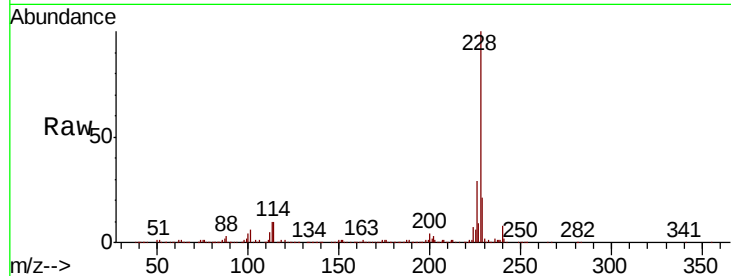




#81
Benzo(a)anthracene
Concen: 41.779 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

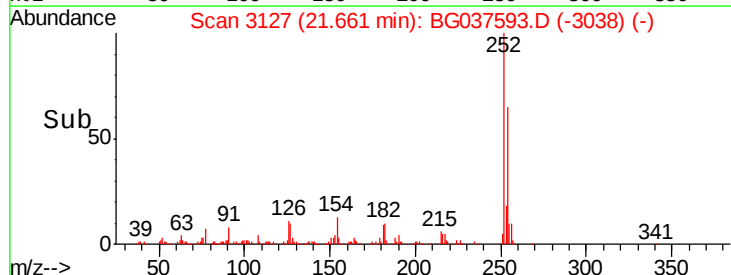
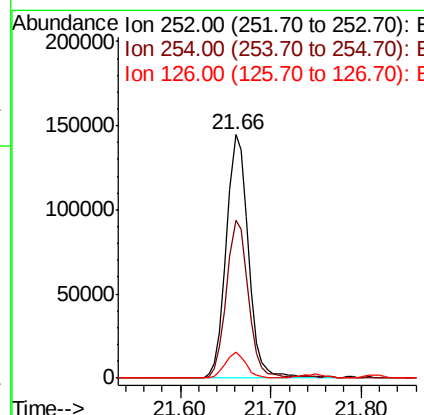
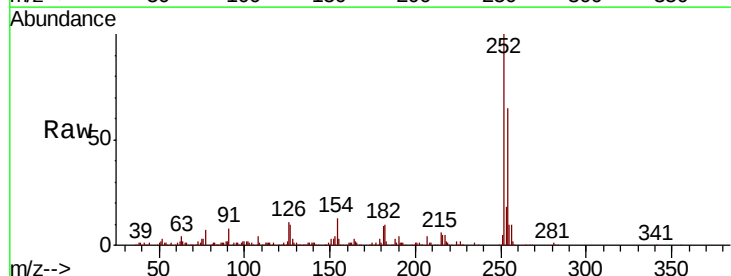
Instrument :
BNA_G
ClientSampleId :
PB114204BS

Tot Ion:228 Resp: 898878
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:252 Resp: 246720
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

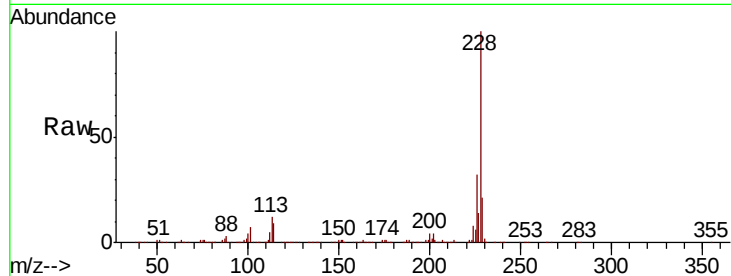
Tot Ion:228 Resp: 834491

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

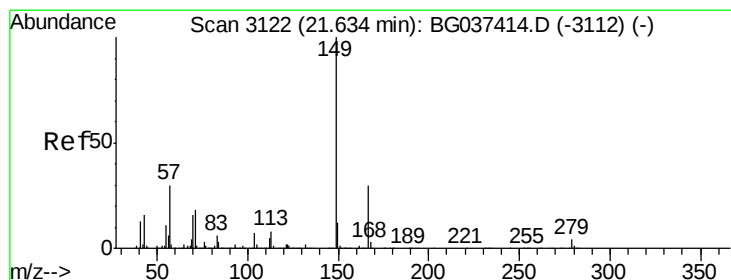
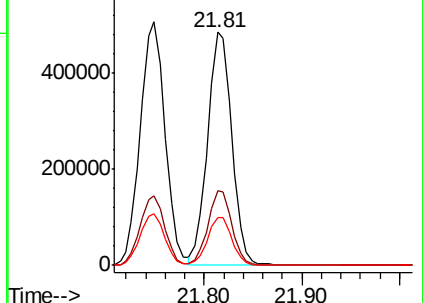
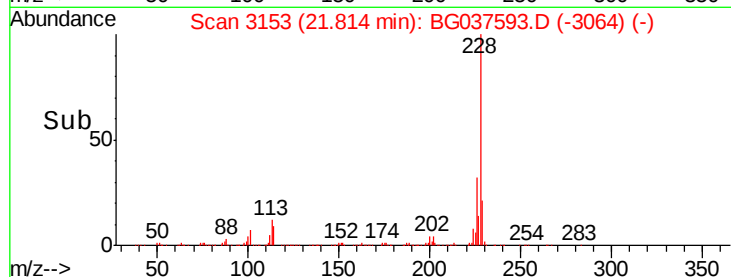
229 20.7 16.5 24.7



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

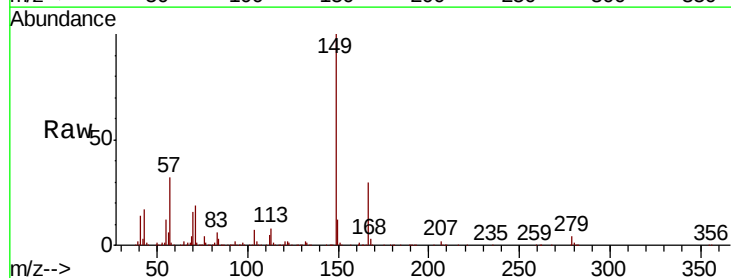
Tgt Ion:149 Resp: 578309

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

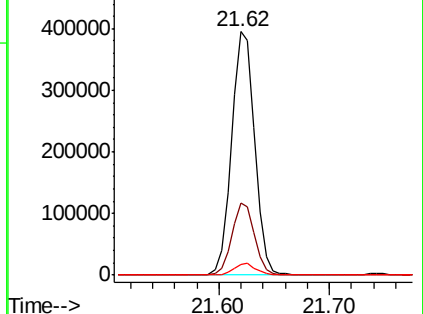
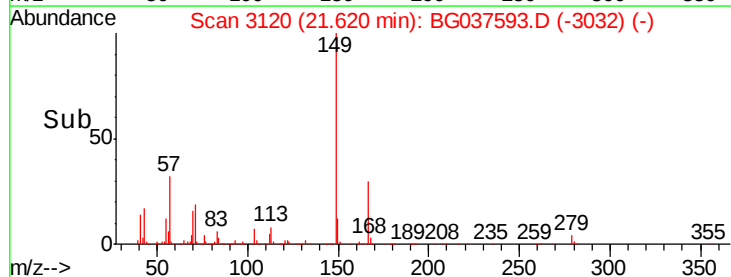
279 4.5 3.6 5.4

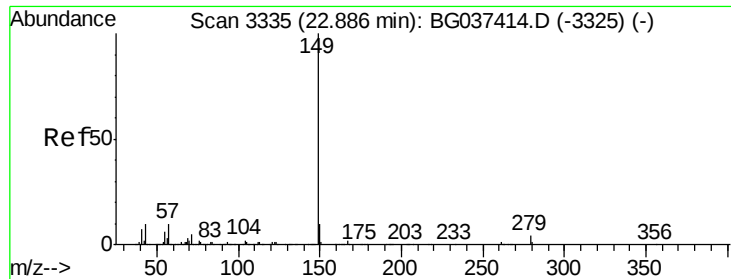


Abundance Ion 149.00 (148.70 to 149.70): E

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

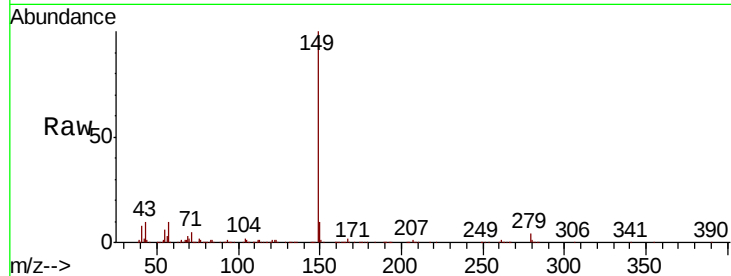
Tot Ion:149 Resp: 976185

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

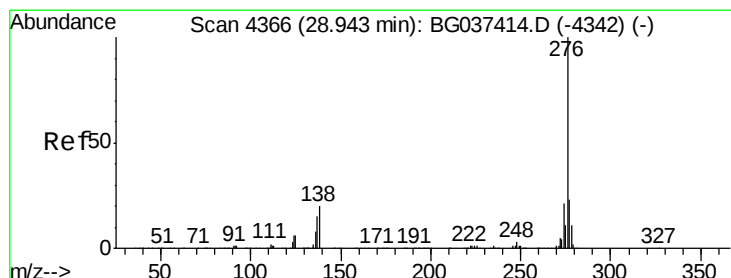
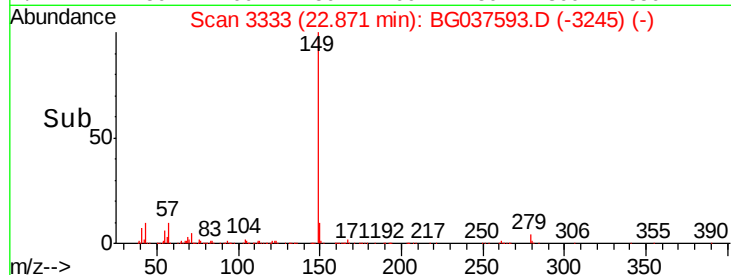
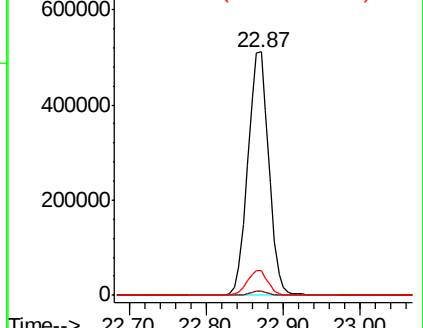
43 10.1 8.7 13.1



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

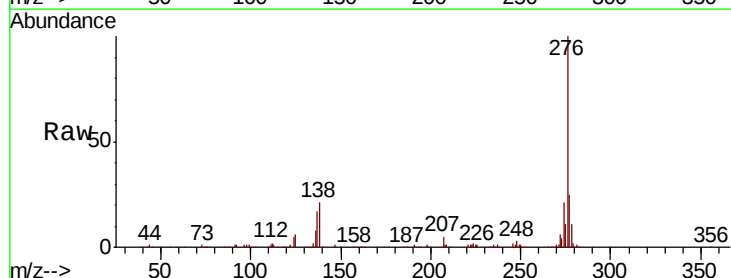
Tgt Ion:276 Resp: 919251

Ion Ratio Lower Upper

276 100

138 13.5 12.0 18.0

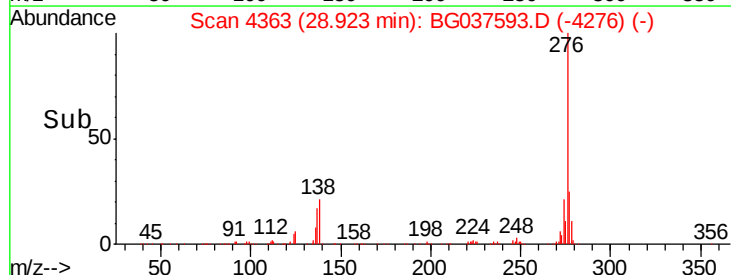
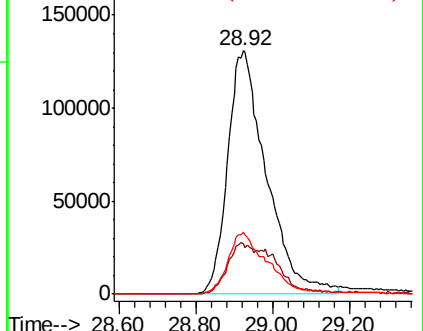
277 25.6 20.6 30.8

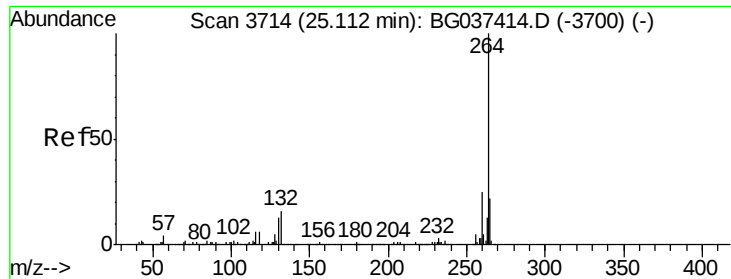


Abundance Ion 276.00 (275.70 to 276.70): E

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

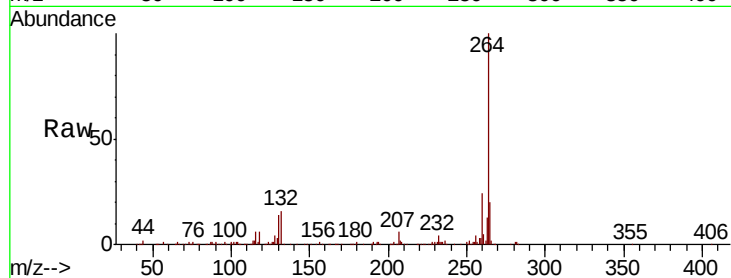
Tot Ion:264 Resp: 377251

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

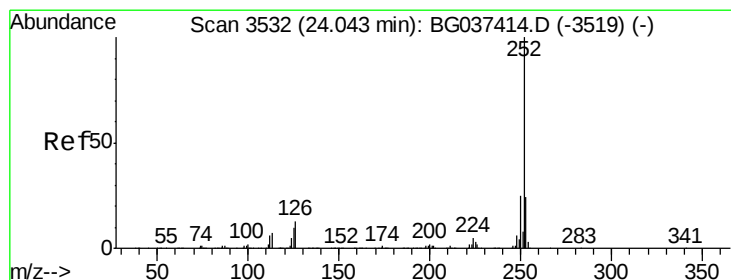
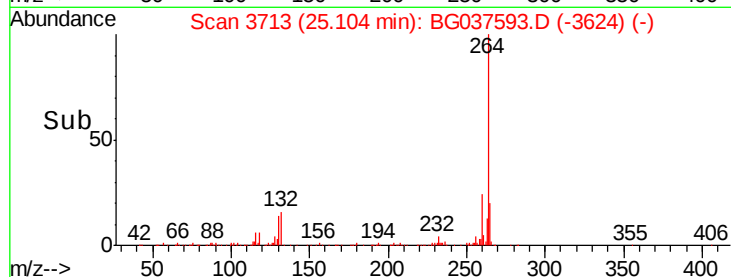
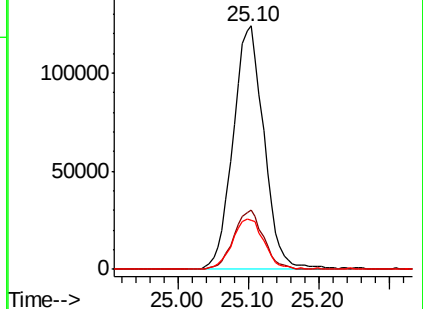
265 20.3 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.836 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037593.D

Acq: 26 Oct 2018 23:04

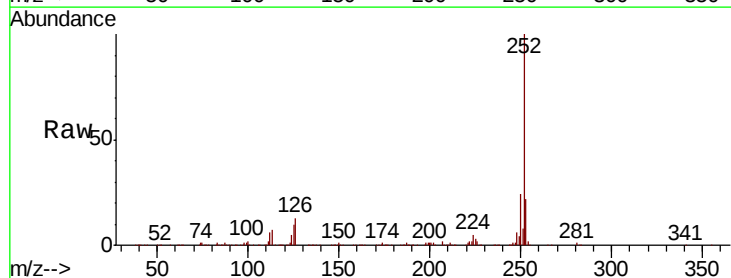
Tgt Ion:252 Resp: 885957

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

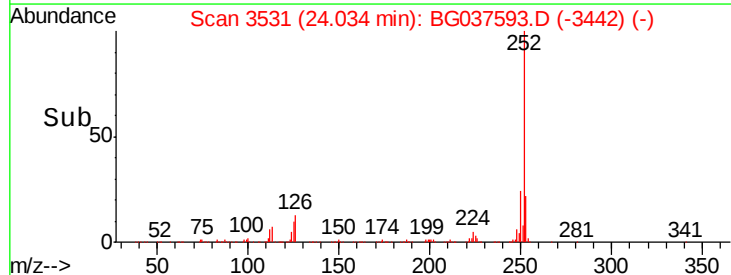
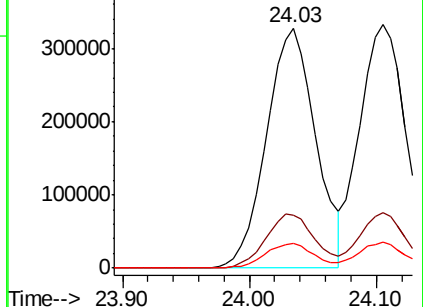
125 10.4 7.8 11.6

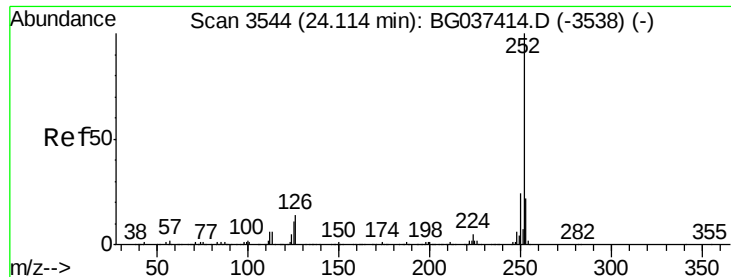


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

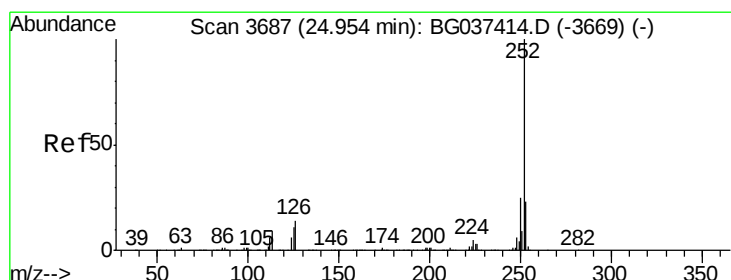
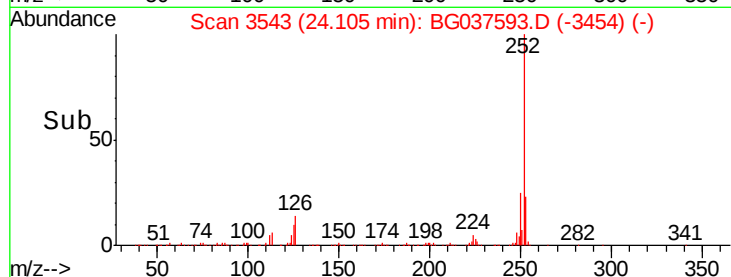
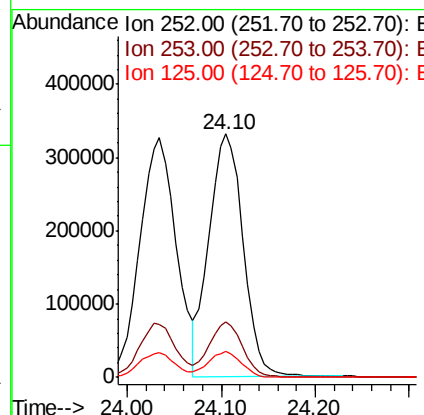
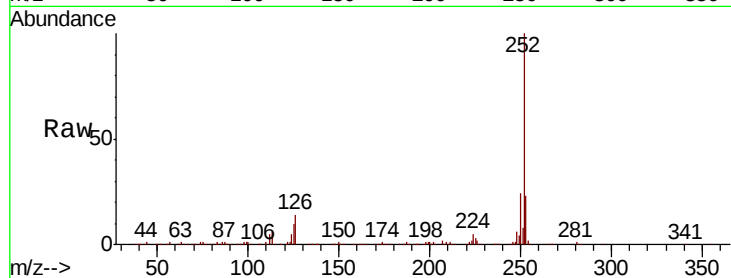




#89
Benzo(k)fluoranthene
Concen: 41.593 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

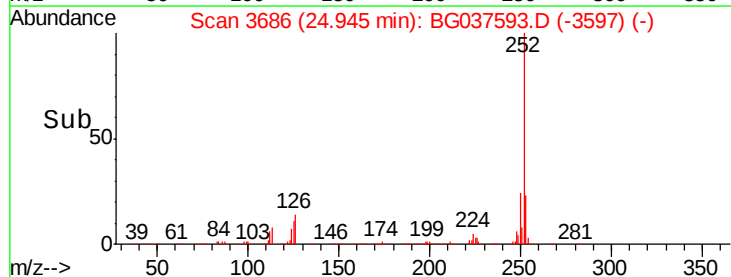
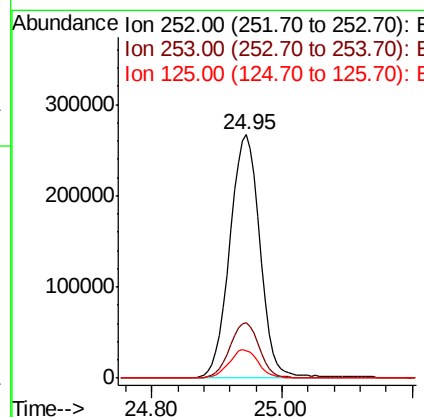
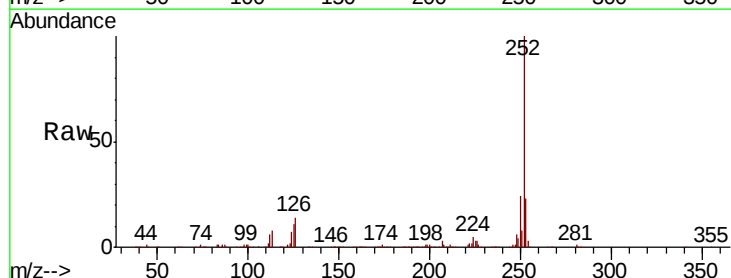
Instrument :
BNA_G
ClientSampleId :
PB114204BS

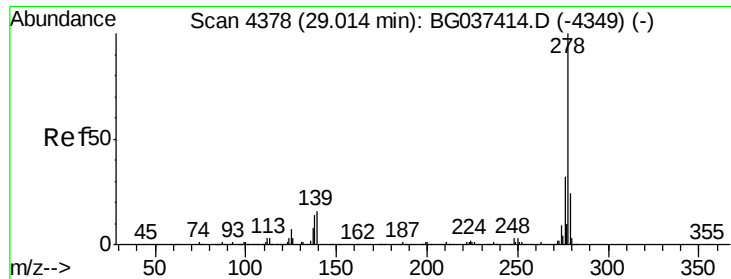
Tot Ion:252 Resp: 842808
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.5 7.4 11.0



#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

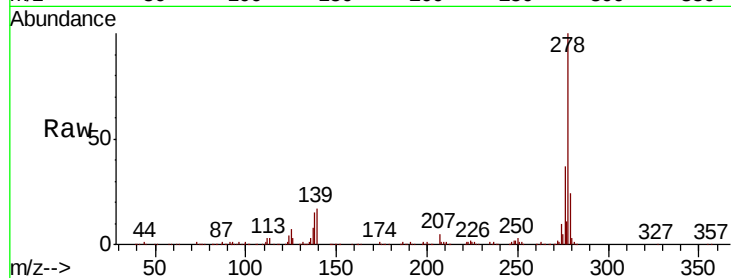




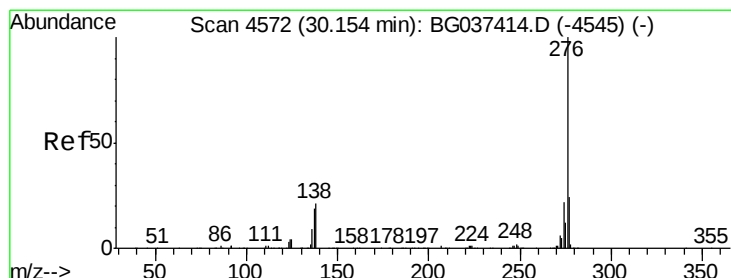
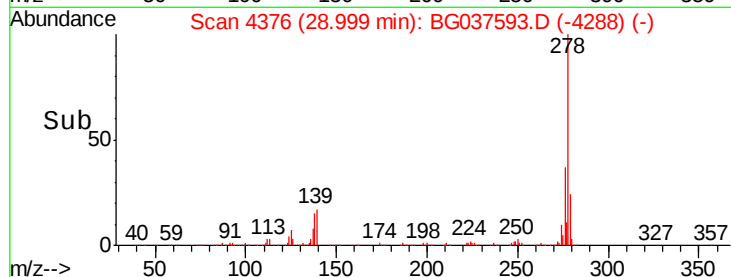
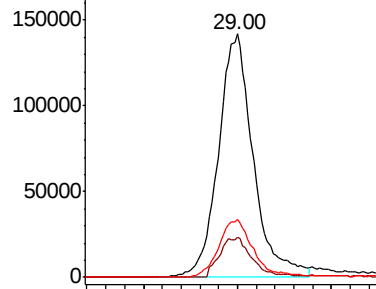
#91
Dibenzo(a,h)anthracene
Concen: 40.372 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037593.D
Acq: 26 Oct 2018 23:04

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

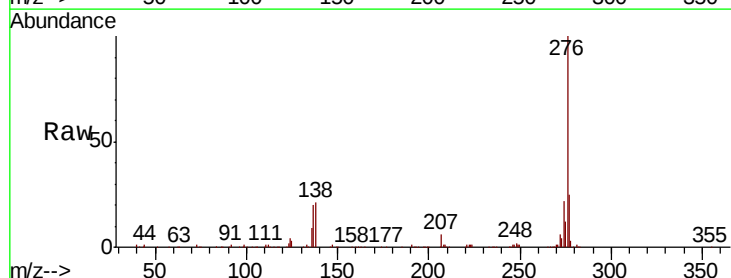


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 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



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

