

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037723.D
 Acq On : 1 Nov 2018 17:52
 Operator : JU/SJ
 Sample : J5741-23MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:09:46 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	52251	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237495	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	158292	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	374369	20.00	ng	0.00
76) Chrysene-d12	21.77	240	328609	20.00	ng	0.00
87) Perylene-d12	25.10	264	342311	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	416340	133.21	ng	0.00
7) Phenol-d6	7.24	99	630016	133.31	ng	0.00
23) Nitrobenzene-d5	9.28	82	365983	86.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	227257	131.63	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	840571	80.08	ng	-0.01
79) Terphenyl-d14	20.08	244	1199482	78.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	41178	25.981	ng	97
3) Pyridine	3.93	79	106420	26.640	ng	90
4) n-Nitrosodimethylamine	3.85	42	62338	43.811	ng	98
6) Aniline	7.43	93	193792	33.614	ng	98
8) 2-Chlorophenol	7.66	128	154369	42.221	ng	99
9) Benzaldehyde	7.24	77	116083	39.267	ng	99
10) Phenol	7.27	94	250140	50.165	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	143223	37.819	ng	97
12) 1,3-Dichlorobenzene	7.98	146	150079	36.872	ng	98
13) 1,4-Dichlorobenzene	8.14	146	151699	36.435	ng	97
14) 1,2-Dichlorobenzene	8.45	146	146732	36.636	ng	98
15) Benzyl Alcohol	8.34	79	145772	41.745	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	268511	39.625	ng	98
17) 2-Methylphenol	8.53	107	148121	44.932	ng	99
18) Hexachloroethane	9.18	117	54785	38.596	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	125017	38.416	ng	95
20) 3+4-Methylphenols	8.86	107	202966	43.064	ng	98
22) Acetophenone	8.93	105	237936	39.947	ng	# 98
24) Nitrobenzene	9.32	77	182554	41.449	ng	95
25) Isophorone	9.84	82	361353	46.648	ng	98
26) 2-Nitrophenol	10.03	139	89375	45.046	ng	96
27) 2,4-Dimethylphenol	10.07	122	172753	48.765	ng	100
28) bis(2-Chloroethoxy)methane	10.32	93	216539	42.666	ng	94
29) 2,4-Dichlorophenol	10.56	162	176796	44.823	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	165615	38.611	ng	98
31) Naphthalene	10.97	128	501784	43.016	ng	99
32) Benzoic acid	10.18	122	70102	30.467	ng	93
33) 4-Chloroaniline	11.09	127	144799	26.419	ng	95
34) Hexachlorobutadiene	11.23	225	94572	37.201	ng	99
35) Caprolactam	11.87	113	44807	28.325	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	194117	43.639	ng	97
37) 2-Methylnaphthalene	12.57	142	383573	45.108	ng	99
38) 1-Methylnaphthalene	12.78	142	363130	43.973	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	194596	38.113	ng	99

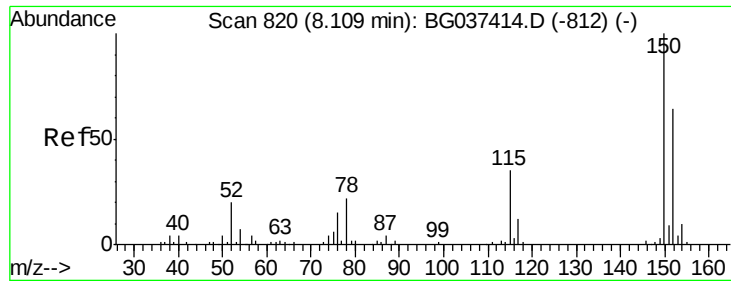
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	218802	89.713	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	149509	43.830	nq	100
44) 2,4,5-Trichlorophenol	13.24	196	161482	43.481	nq	97
46) 1,1'-Biphenyl	13.57	154	501259	38.237	nq	100
47) 2-Chloronaphthalene	13.62	162	398549	40.185	nq	99
48) 2-Nitroaniline	13.82	65	134971	44.877	nq	96
49) Acenaphthylene	14.46	152	656216	43.985	nq	99
50) Dimethylphthalate	14.18	163	643837	52.576	nq	99
51) 2,6-Dinitrotoluene	14.31	165	118352	43.688	nq	94
52) Acenaphthene	14.80	154	380345	41.395	nq	98
53) 3-Nitroaniline	14.65	138	104242	34.662	nq	# 94
54) 2,4-Dinitrophenol	14.85	184	68346	64.992	nq	93
55) Dibenzofuran	15.13	168	620407	40.754	nq	99
56) 4-Nitrophenol	14.94	139	254600	114.373	nq	98
57) 2,4-Dinitrotoluene	15.10	165	166078	46.703	nq	# 92
58) Fluorene	15.78	166	504070	44.217	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	137513	43.245	nq	96
60) Diethylphthalate	15.54	149	536137	42.645	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	263412	39.643	nq	96
62) 4-Nitroaniline	15.81	138	127505	42.668	nq	93
63) Azobenzene	16.06	77	505997	42.183	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	74690	39.788	nq	98
66) n-Nitrosodiphenylamine	15.99	169	458909	40.752	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	162599	39.550	nq	97
68) Hexachlorobenzene	16.77	284	164857	38.691	nq	98
69) Atrazine	16.93	200	168579	41.405	nq	98
70) Pentachlorophenol	17.12	266	191019	66.929	nq	95
71) Phenanthrene	17.53	178	815081	42.839	nq	99
72) Anthracene	17.61	178	824639	44.165	nq	98
73) Carbazole	17.88	167	748171	40.057	nq	99
74) Di-n-butylphthalate	18.42	149	901169	43.373	nq	100
75) Fluoranthene	19.53	202	923318	42.786	nq	100
77) Benzidine	19.71	184	286603	25.650	nq	99
78) Pyrene	19.89	202	918960	42.779	nq	99
80) Butylbenzylphthalate	20.76	149	402423	45.774	nq	97
81) Benzo(a)anthracene	21.74	228	857279	44.106	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	229797	30.502	nq	99
83) Chrysene	21.82	228	799625	42.784	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	566105	45.938	nq	98
85) Di-n-octyl phthalate	22.86	149	956471	47.597	nq	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	807926	40.303	nq	99
88) Benzo(b)fluoranthene	24.03	252	832049	44.336	nq	99
89) Benzo(k)fluoranthene	24.03	252	832049	45.254	nq	98
90) Benzo(a)pyrene	24.94	252	810678	45.460	nq	99
91) Dibenzo(a,h)anthracene	28.99	278	638257	38.801	nq	98
92) Benzo(g,h,i)perylene	30.12	276	675030	40.562	nq	100

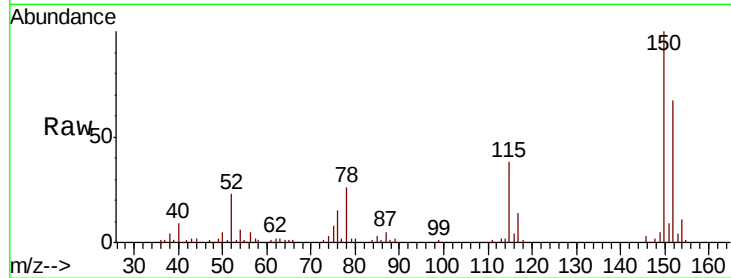
(#) = qualifier out of range (m) = manual integration (+) = signals summed



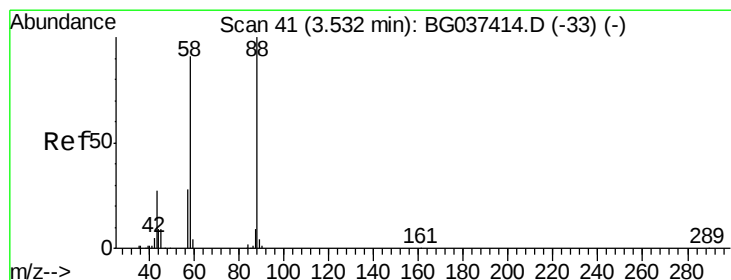
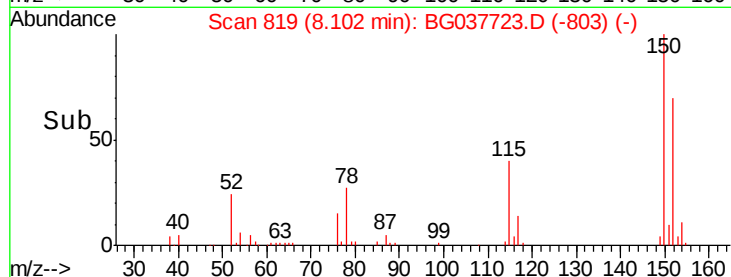
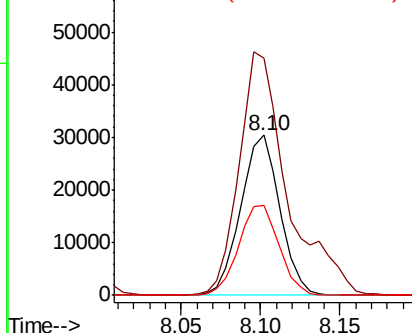
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 52251
 Ion Ratio Lower Upper
 152 100
 150 148.2 126.0 189.0
 115 56.3 45.5 68.3

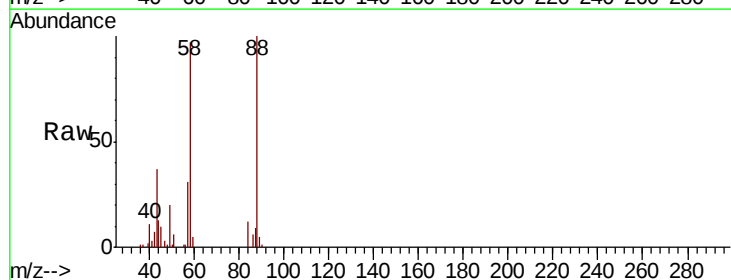


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

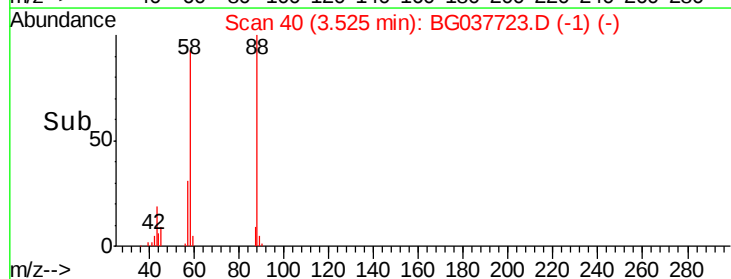
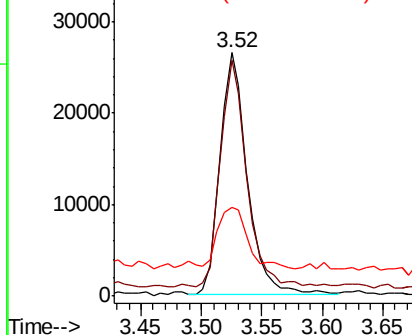


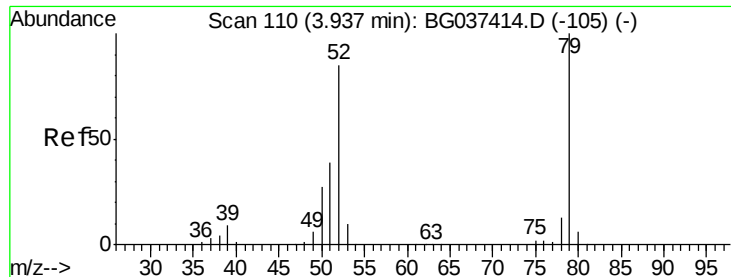
#2
 1,4-Dioxane
 Concen: 25.981 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion: 88 Resp: 41178
 Ion Ratio Lower Upper
 88 100
 58 91.3 74.4 111.6
 43 27.9 25.8 38.8



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





#3

Pvridine

Concen: 26.640 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

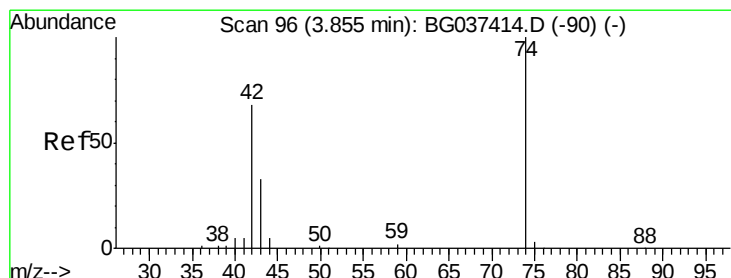
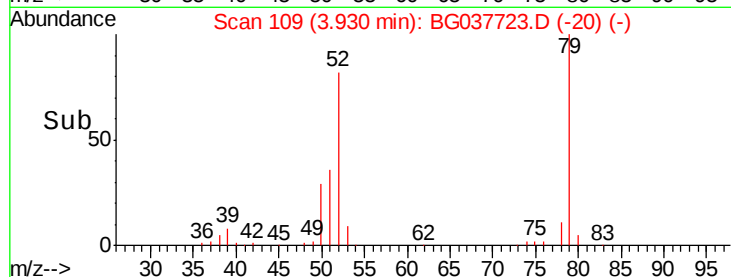
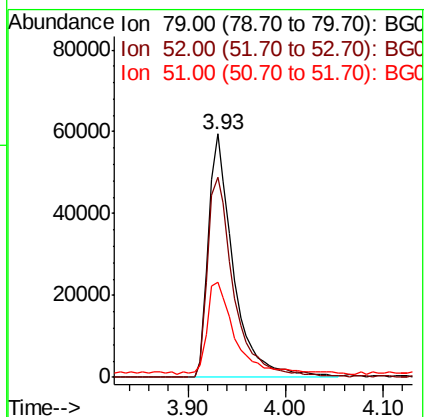
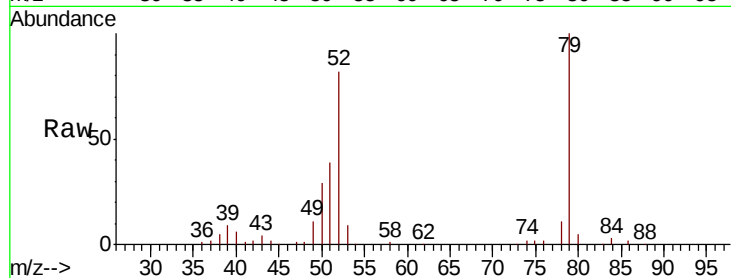
Tot Ion: 79 Resp: 106420

Ion Ratio Lower Upper

79 100

52 82.3 74.2 111.2

51 39.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 43.811 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

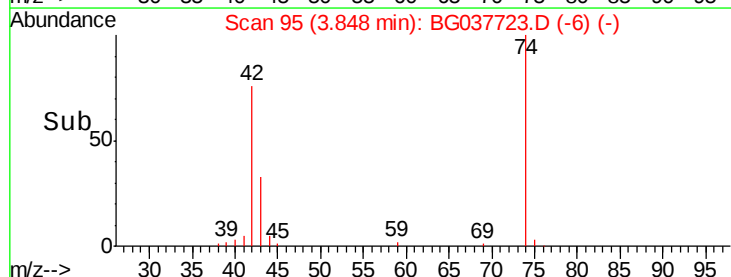
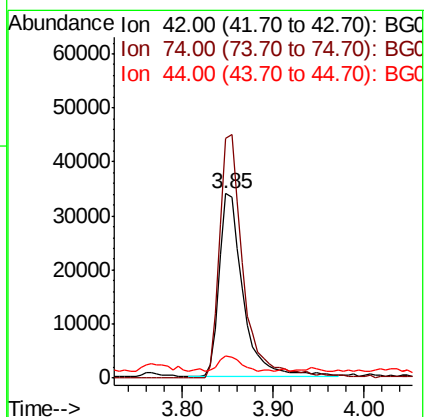
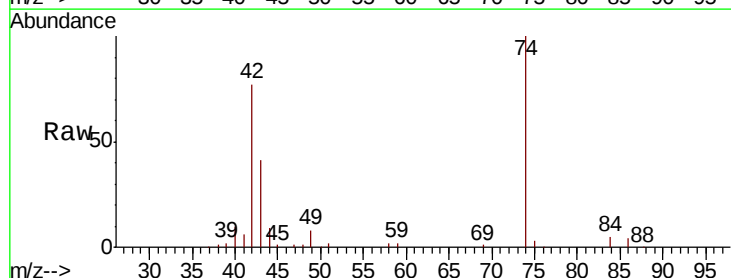
Tgt Ion: 42 Resp: 62338

Ion Ratio Lower Upper

42 100

74 130.3 102.0 153.0

44 12.0 9.6 14.4





#5

2-Fluorophenol

Concen: 133.215 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

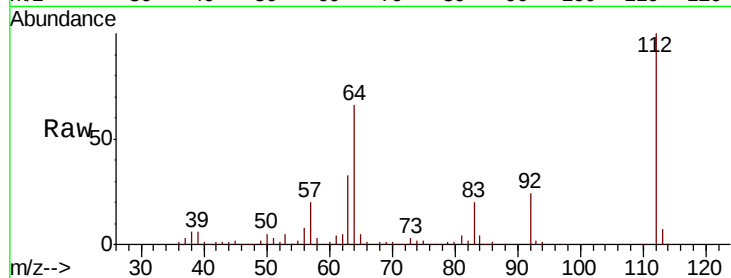
Tot Ion:112 Resp: 416340

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

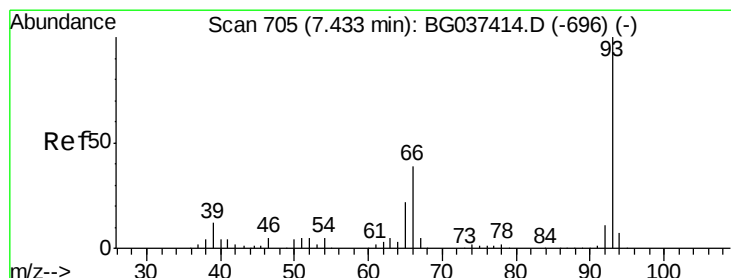
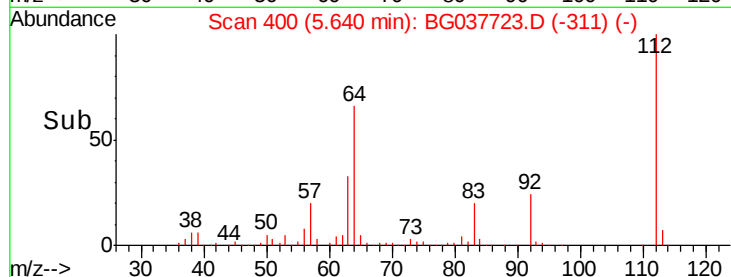
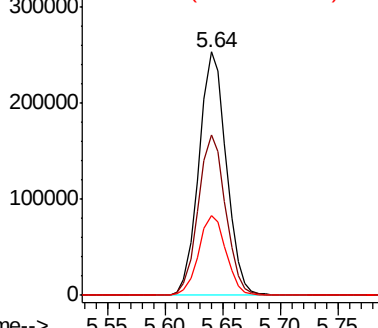
63 32.9 27.3 40.9



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: 33.614 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

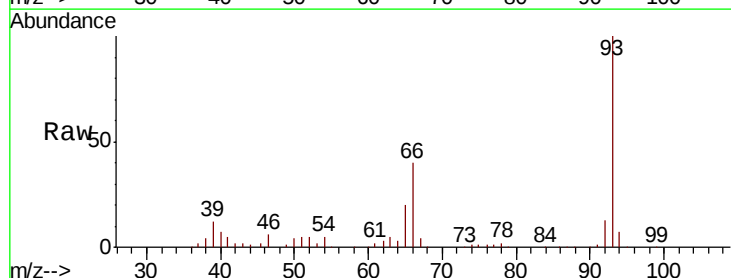
Tgt Ion: 93 Resp: 193792

Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

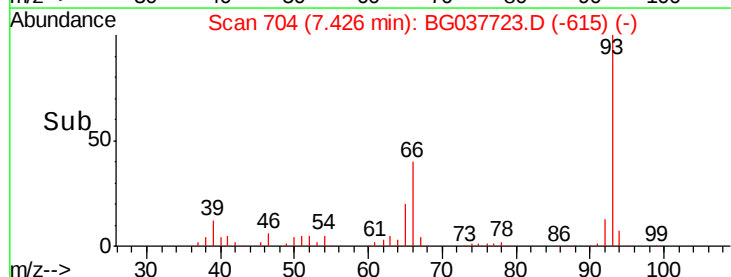
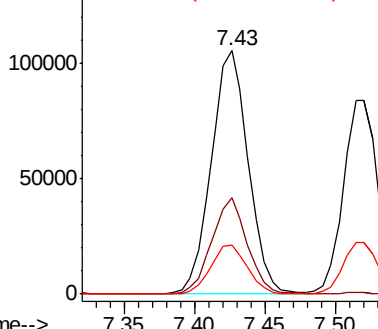
65 19.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.311 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

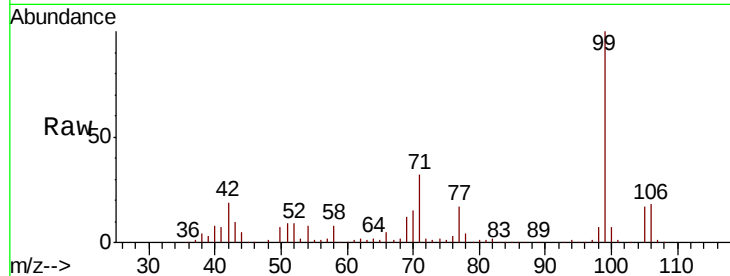
Tot Ion: 99 Resp: 630016

Ion Ratio Lower Upper

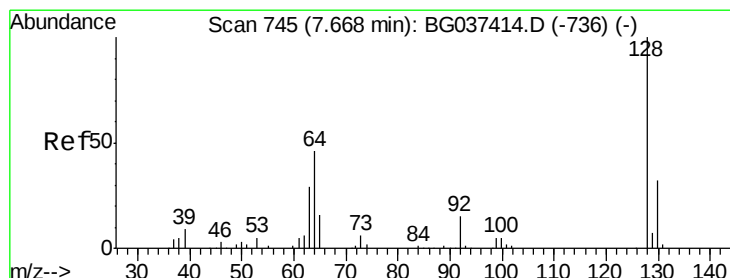
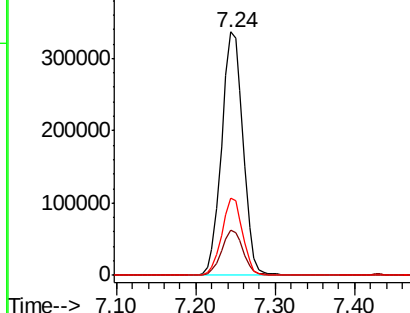
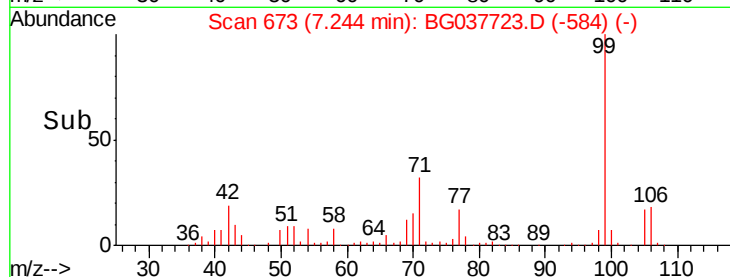
99 100

42 18.8 15.0 22.4

71 31.6 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: 42.221 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

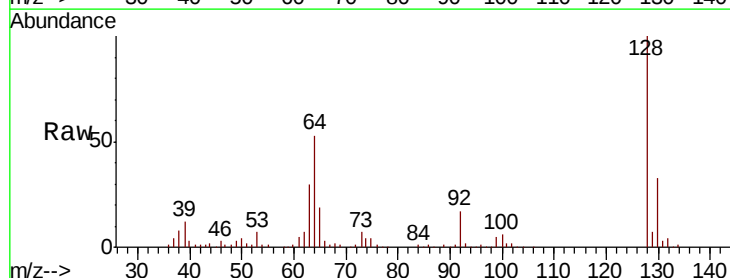
Tgt Ion:128 Resp: 154369

Ion Ratio Lower Upper

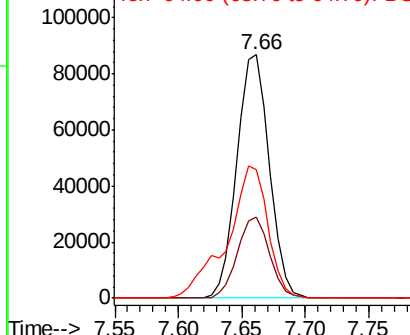
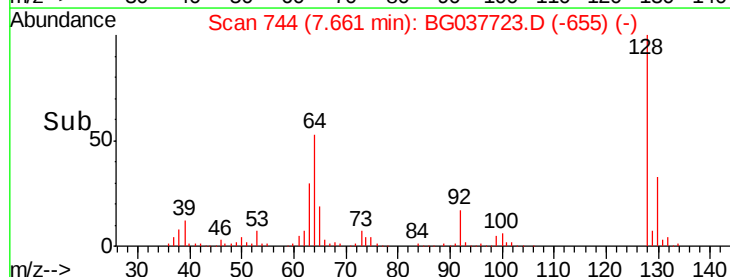
128 100

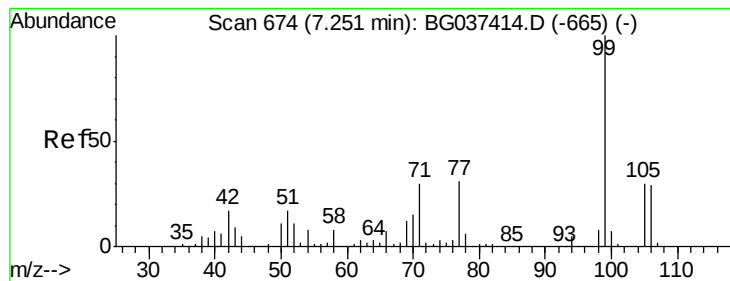
130 33.5 12.0 52.0

64 52.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 39.267 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

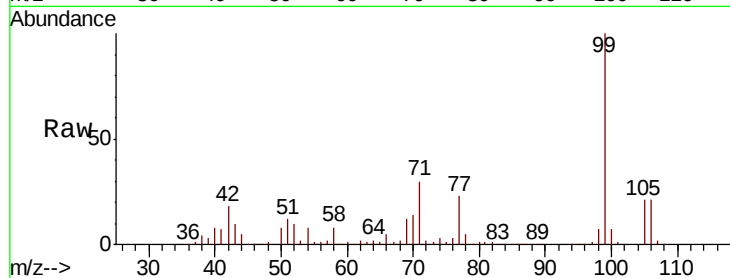
Tot Ion: 77 Resp: 116083

Ion Ratio Lower Upper

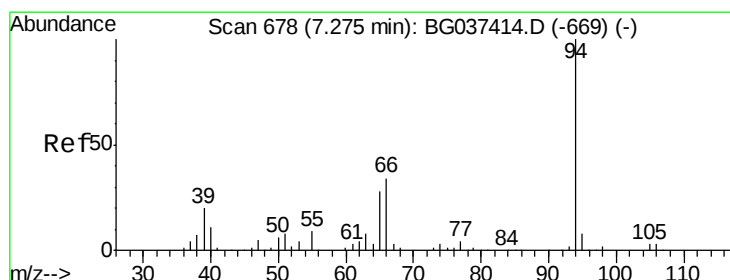
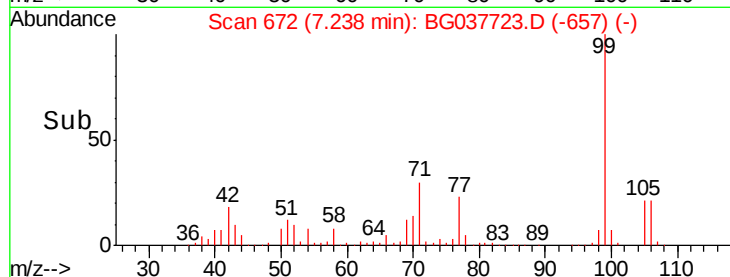
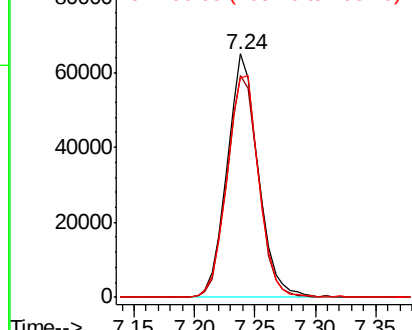
77 100

105 91.4 72.6 112.6

106 90.3 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: 50.165 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

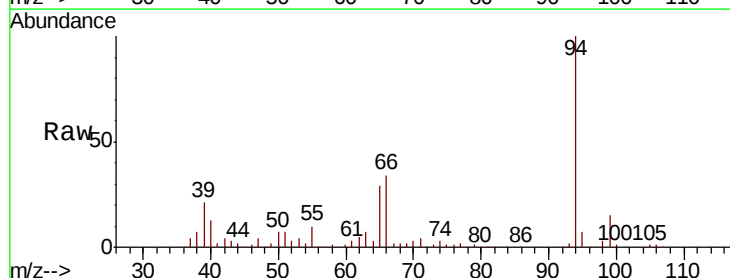
Tgt Ion: 94 Resp: 250140

Ion Ratio Lower Upper

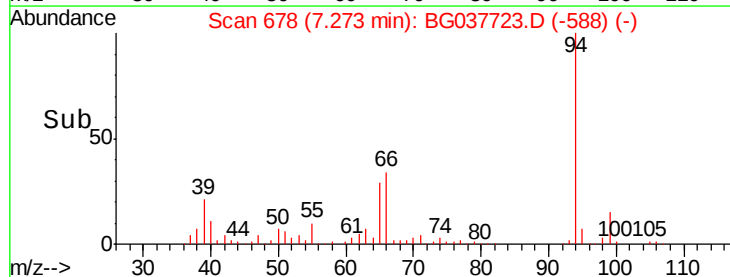
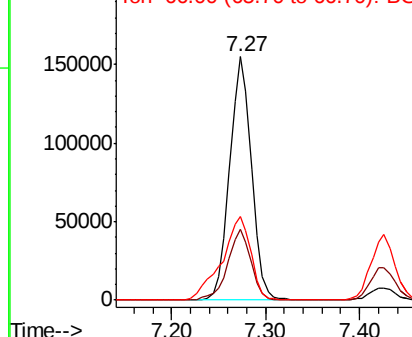
94 100

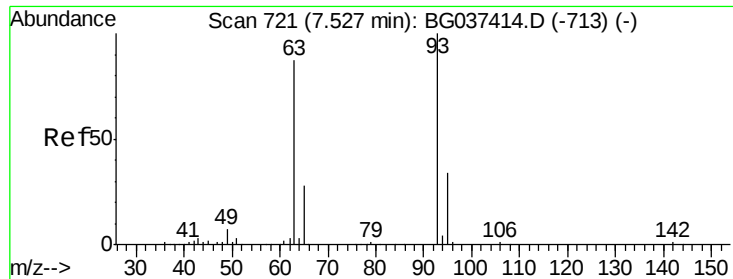
65 29.0 9.7 49.7

66 34.1 15.9 55.9



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

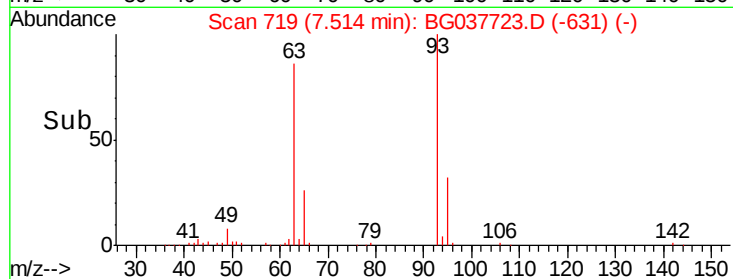
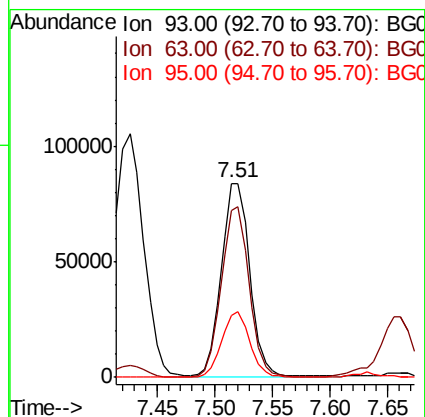
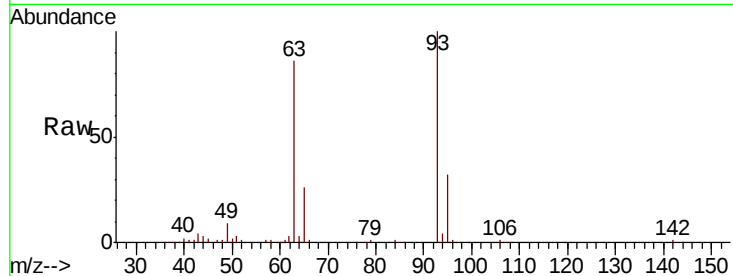




#11
 bis(2-Chloroethyl)ether
 Concen: 37.819 ng
 RT: 7.51 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

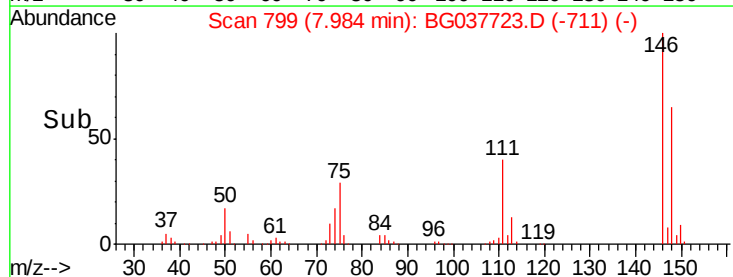
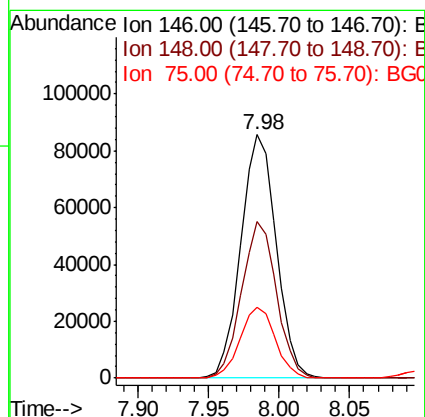
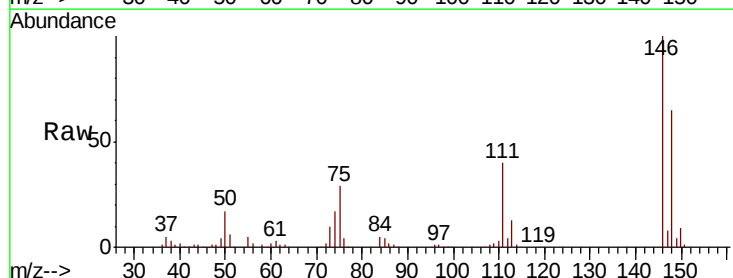
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 143223
 Ion Ratio Lower Upper
 93 100
 63 85.7 69.5 109.5
 95 31.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 36.872 ng
 RT: 7.98 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion: 146 Resp: 150079
 Ion Ratio Lower Upper
 146 100
 148 64.6 49.8 74.8
 75 29.3 23.2 34.8

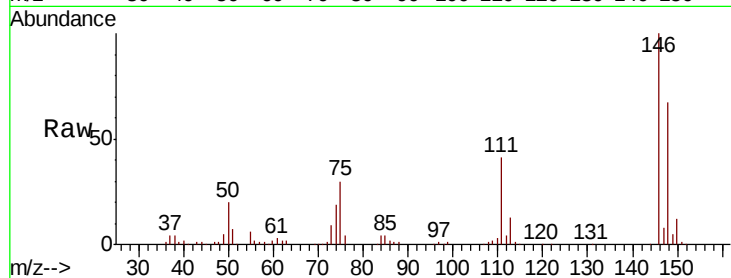




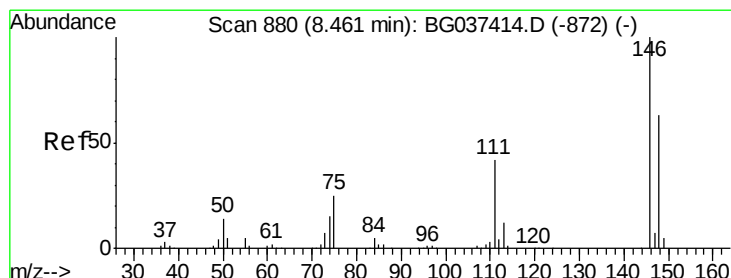
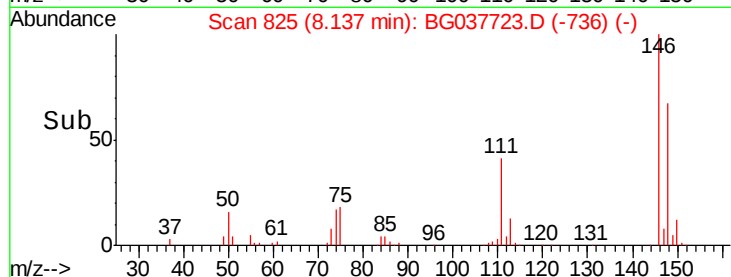
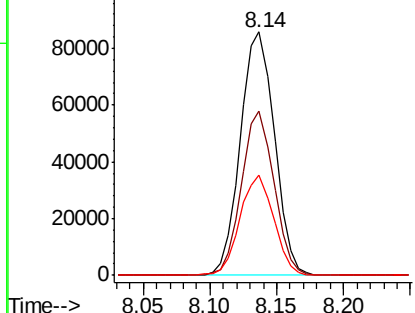
#13
 1,4-Dichlorobenzene
 Concen: 36.435 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 151699
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.0 76.6
 111 41.3 32.4 48.6

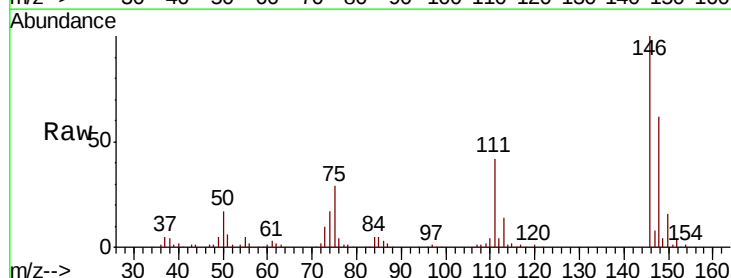


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

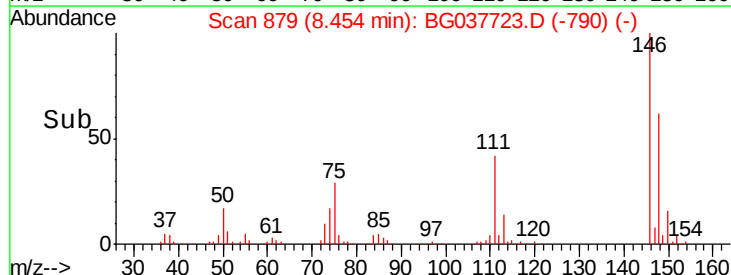
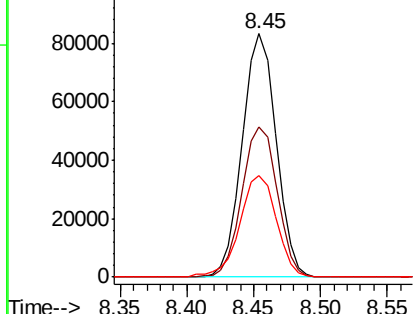


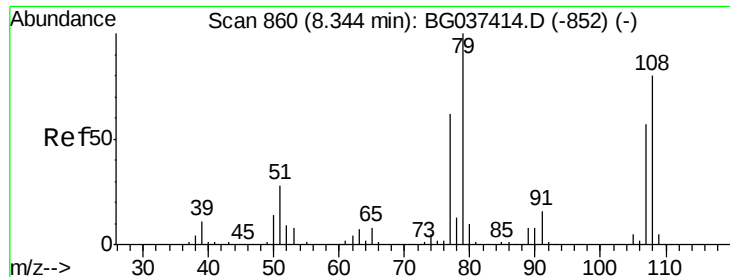
#14
 1,2-Dichlorobenzene
 Concen: 36.636 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion:146 Resp: 146732
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.4 75.6
 111 41.7 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 41.745 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

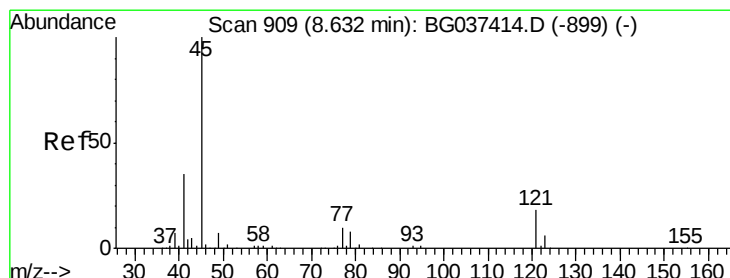
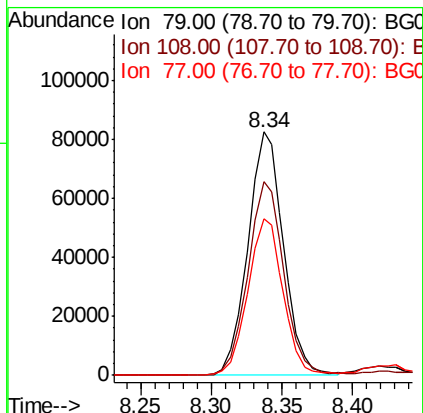
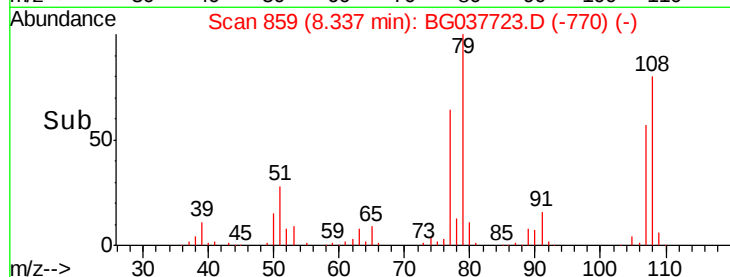
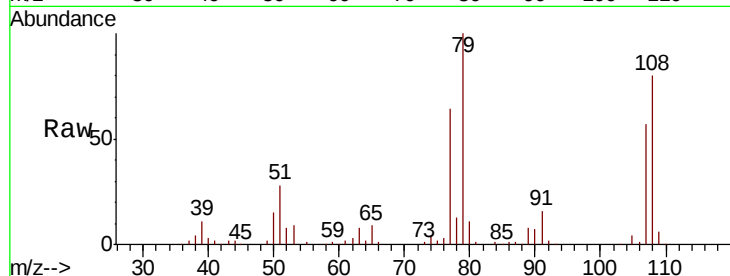
Tot Ion: 79 Resp: 145772

Ion Ratio Lower Upper

79 100

108 79.6 65.8 98.8

77 64.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.625 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

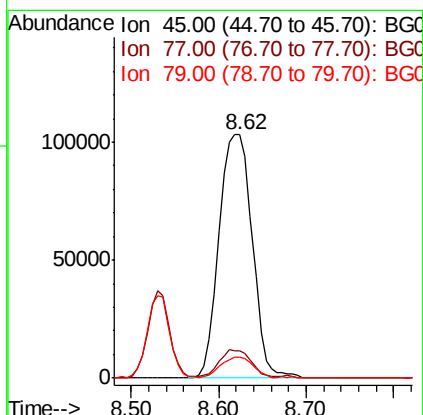
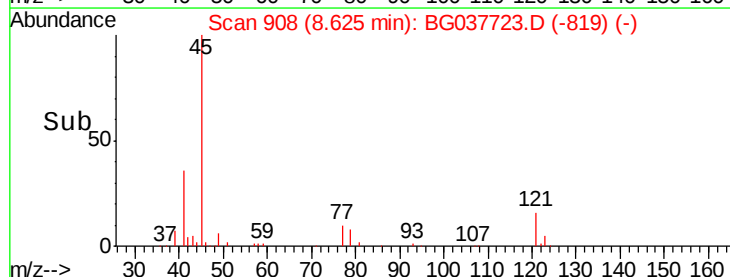
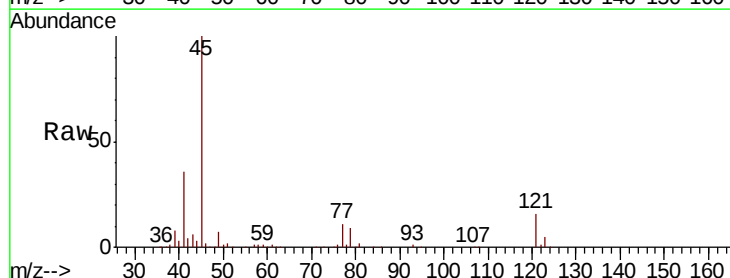
Tgt Ion: 45 Resp: 268511

Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.0

79 8.6 0.0 29.0

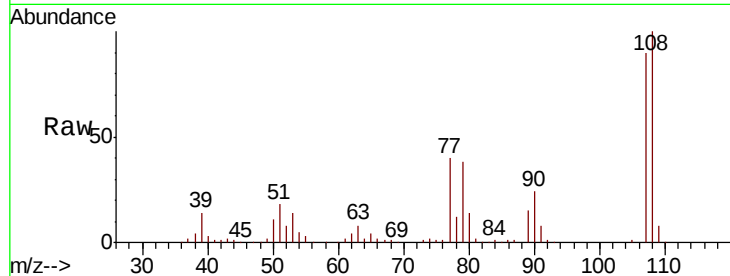




#17
2-Methylphenol
Concen: 44.932 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.9	131.9
77	43.8	35.1	52.7
79	41.7	34.5	51.7



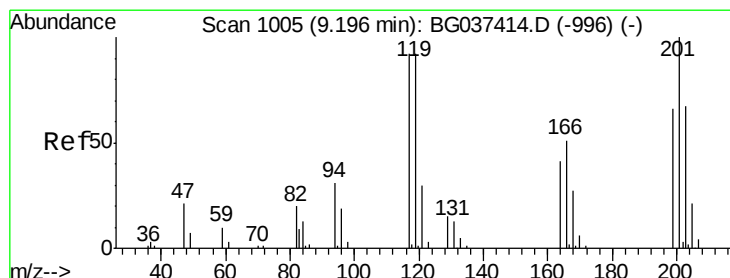
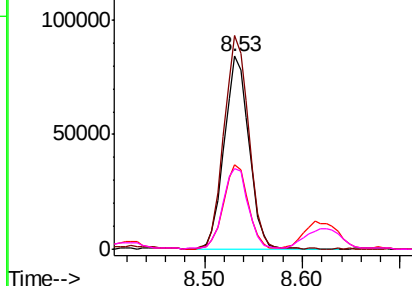
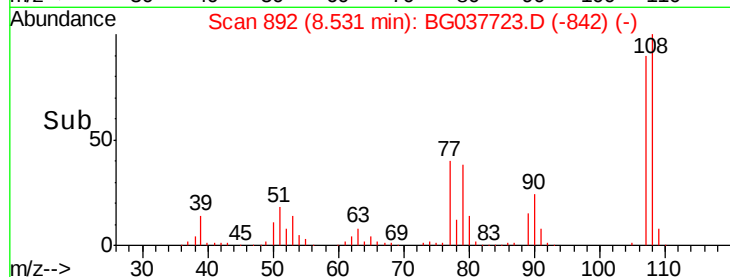
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

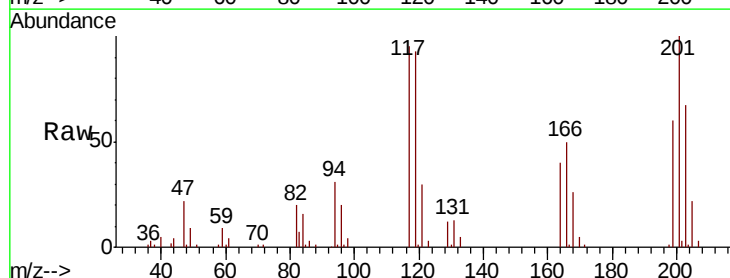
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.596 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.6	111.8
201	108.9	80.8	121.2

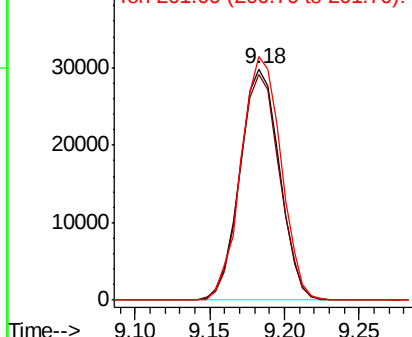
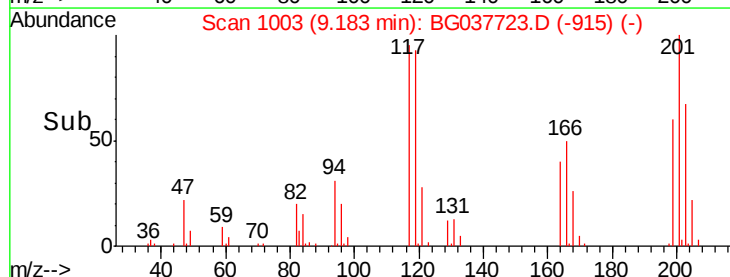


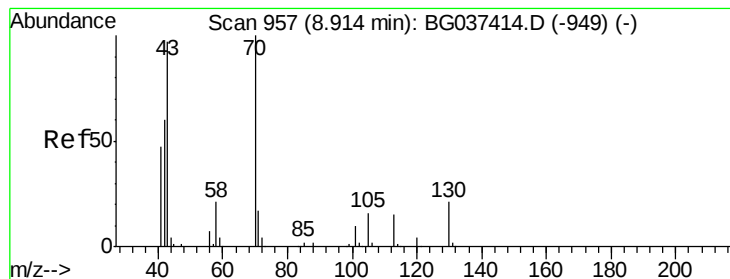
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.416 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 125017

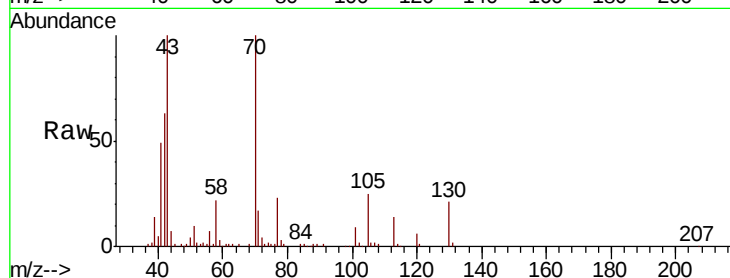
Ion Ratio Lower Upper

70 100

42 63.0 53.9 80.9

101 9.2 8.2 12.2

130 20.9 18.2 27.4

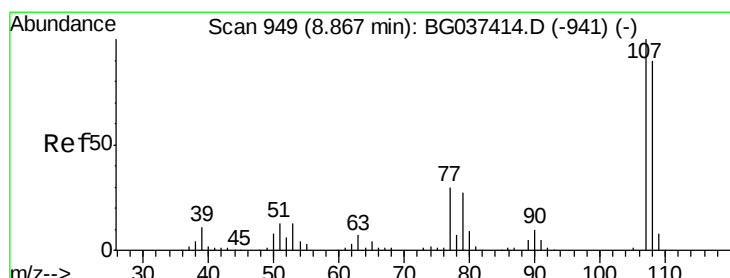
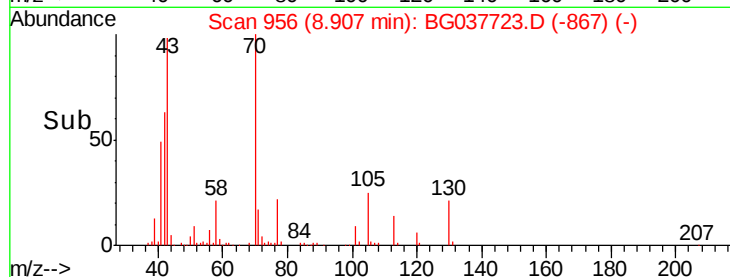
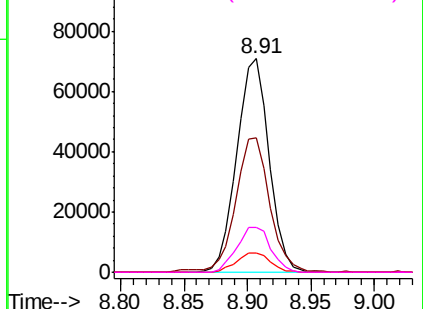


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.064 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Tgt Ion: 107 Resp: 202966

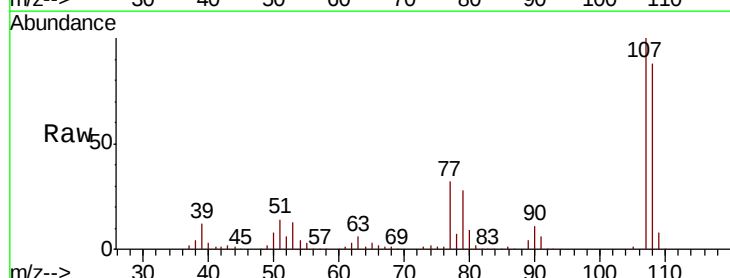
Ion Ratio Lower Upper

107 100

108 87.8 69.9 109.9

77 31.6 11.2 51.2

79 27.9 6.6 46.6

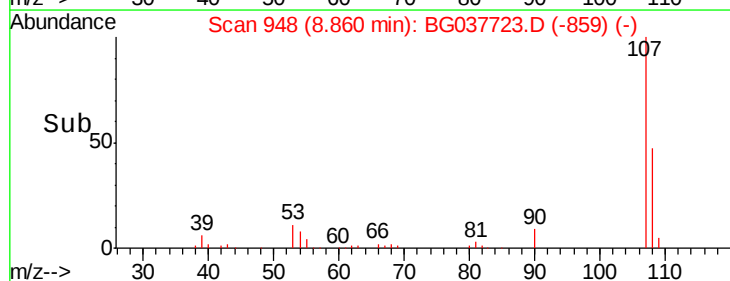
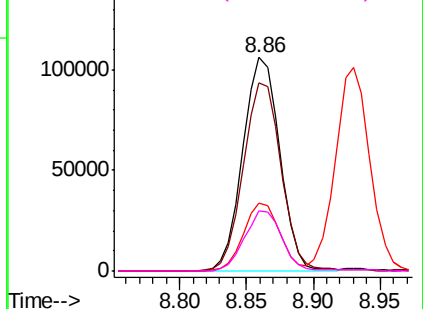


Abundance Ion 107.00 (106.70 to 107.70): BGC

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

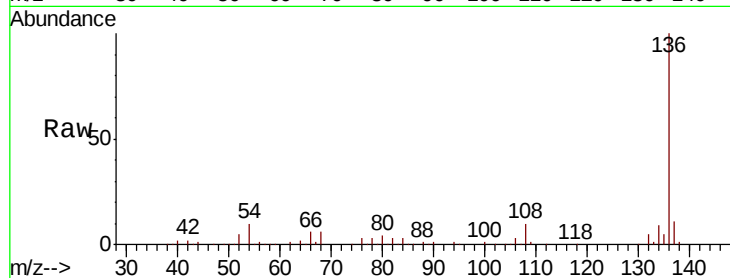




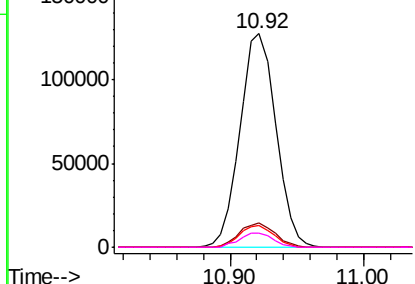
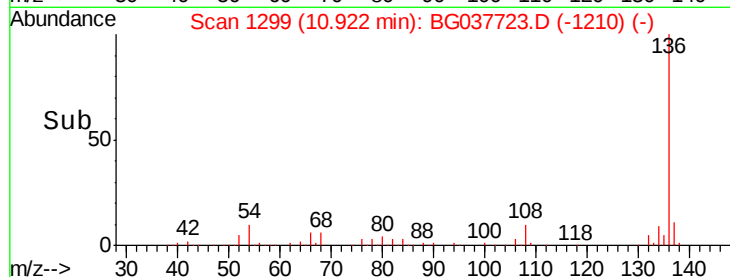
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	237495	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.6	14.4	
54 10.3	7.9	11.9	
68 6.4	4.8	7.2	

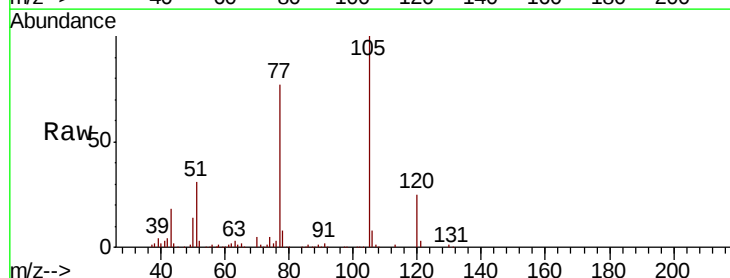


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

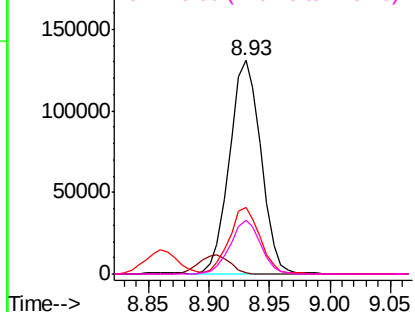
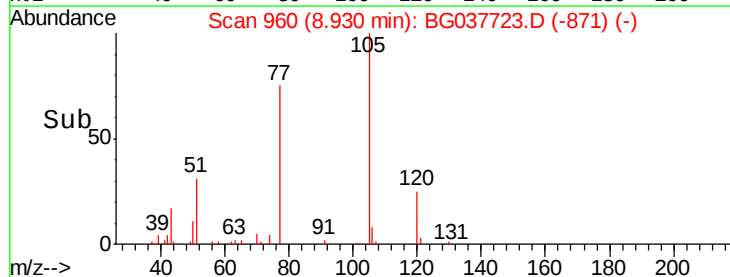


#22
Acetophenone
Concen: 39.947 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt	Ion:105	Resp:	237936
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	31.2	25.0	37.6
120	24.9	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

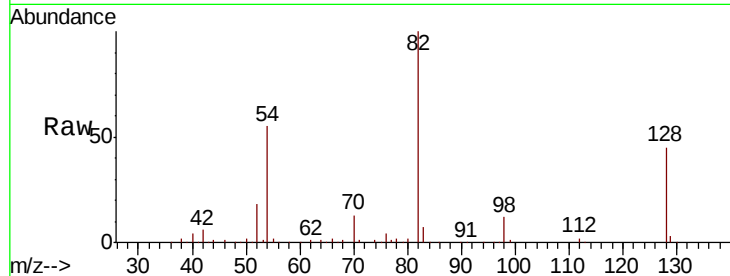




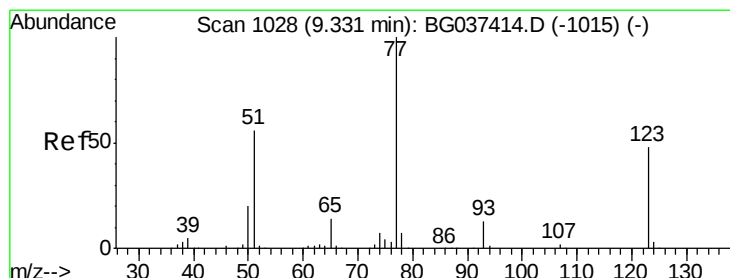
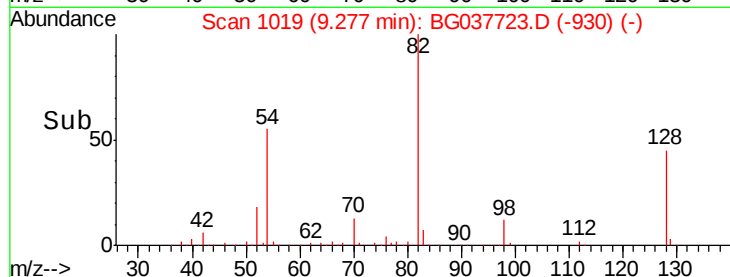
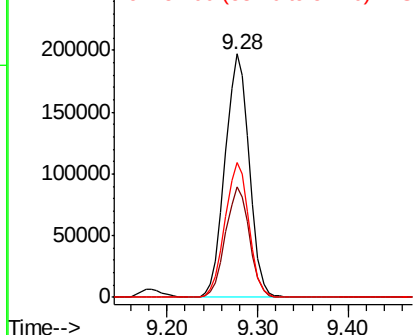
#23
Nitrobenzene-d5
Concen: 86.326 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 365983
Ion Ratio Lower Upper
82 100
128 45.1 34.6 51.8
54 55.3 45.3 67.9

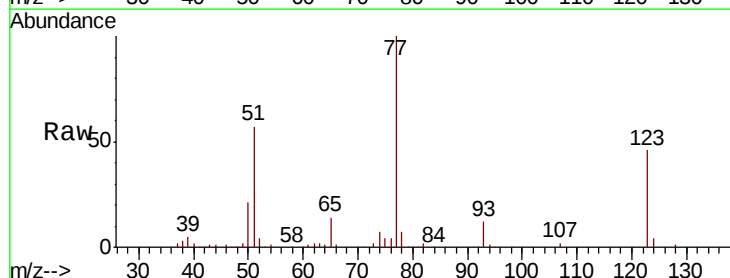


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

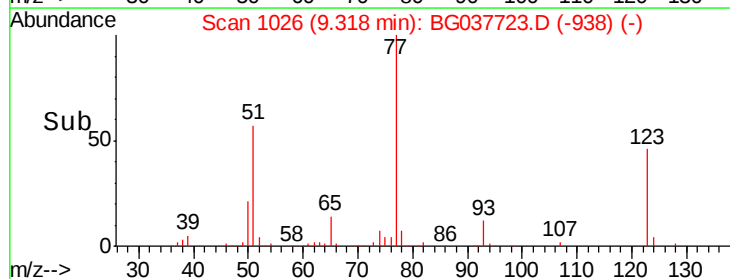
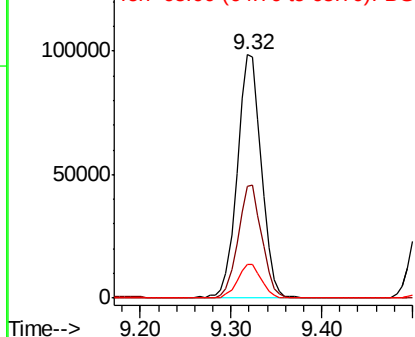


#24
Nitrobenzene
Concen: 41.449 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion: 77 Resp: 182554
Ion Ratio Lower Upper
77 100
123 45.9 33.6 50.4
65 13.9 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 46.648 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampled :

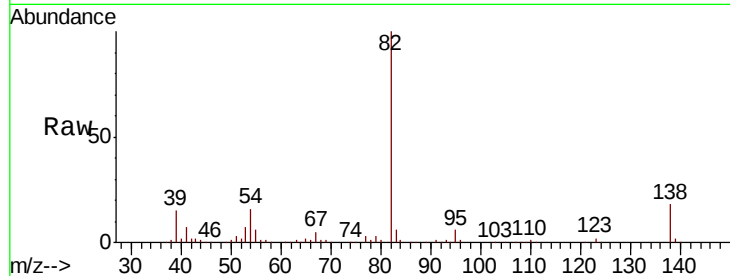
Tot Ion: 82 Resp: 361353

Ion Ratio Lower Upper

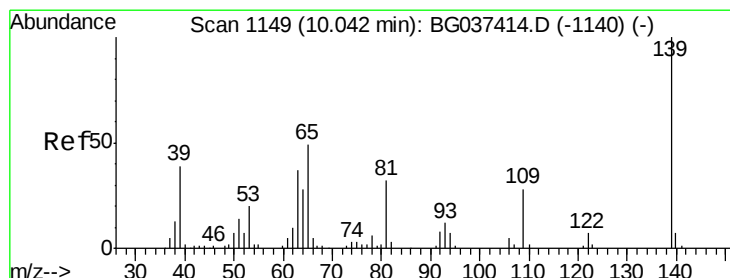
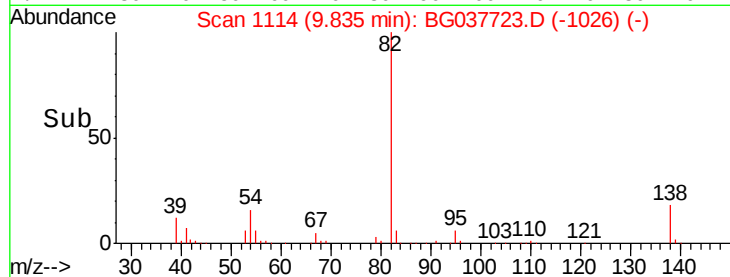
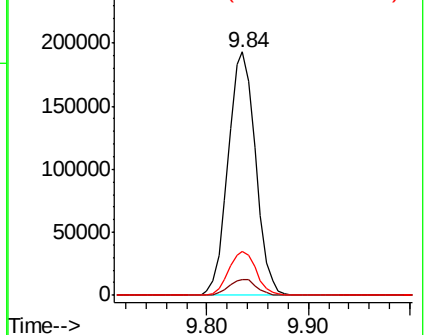
82 100

95 6.4 5.3 7.9

138 17.9 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: 45.046 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

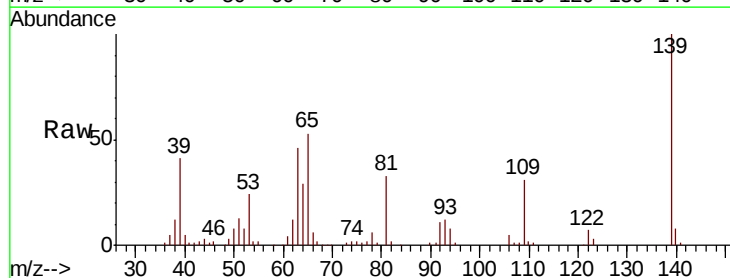
Tgt Ion: 139 Resp: 89375

Ion Ratio Lower Upper

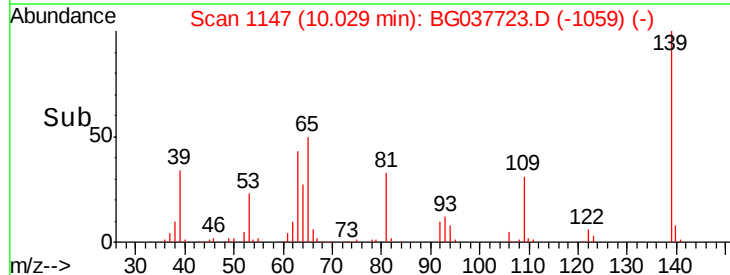
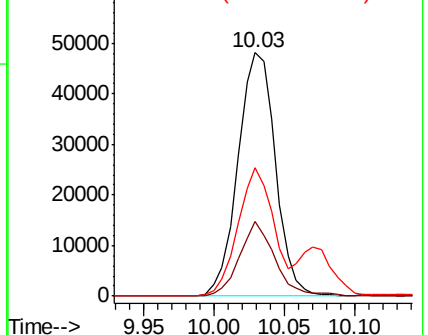
139 100

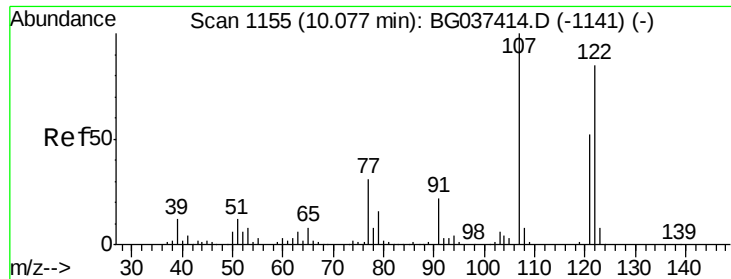
109 30.6 23.3 34.9

65 52.9 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

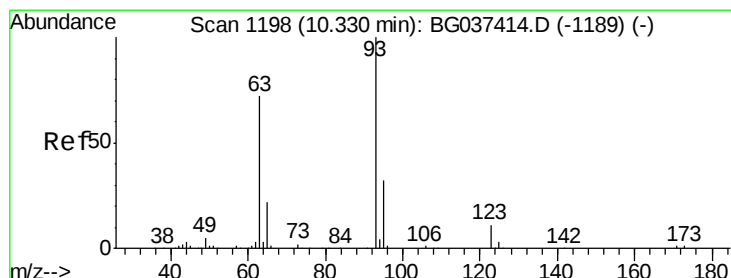
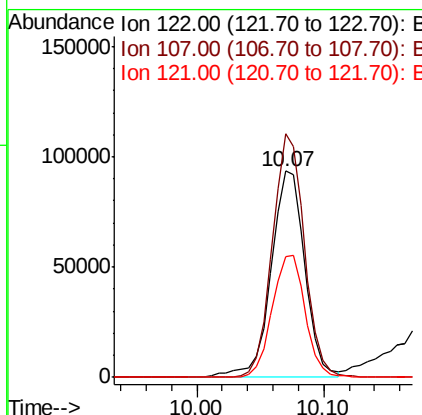
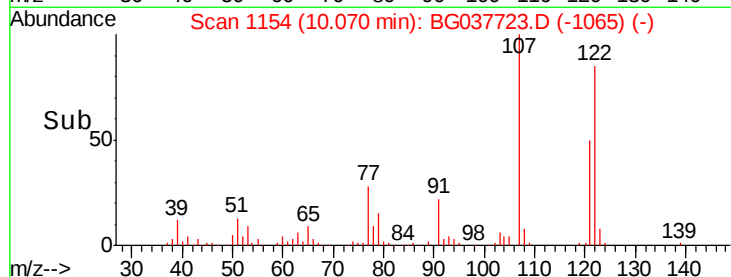
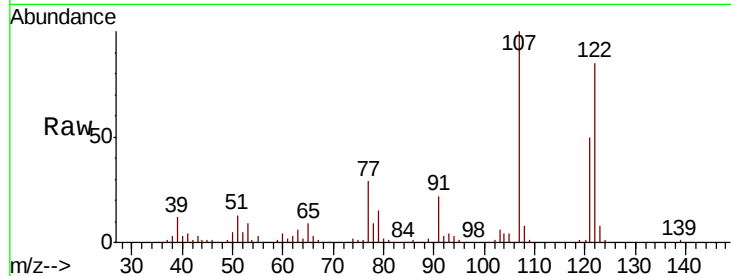




#27
 2,4-Dimethylphenol
 Concen: 48.765 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

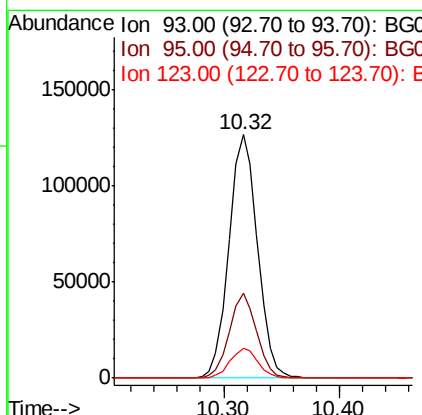
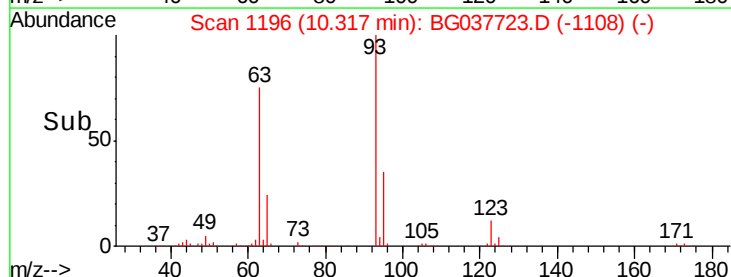
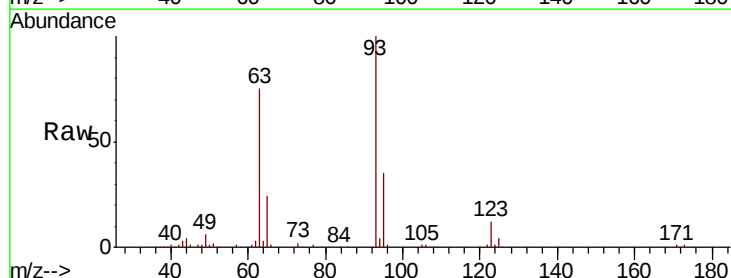
Instrument :
 BNA_G
 ClientSampled :

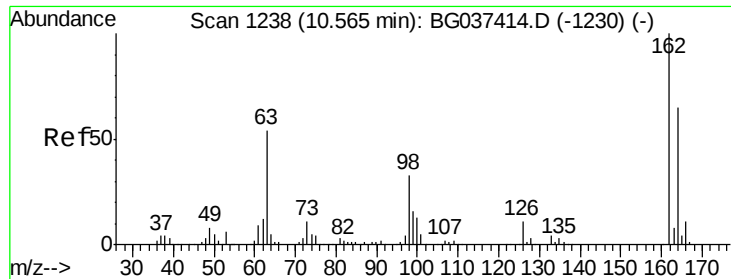
Tot Ion:122 Resp: 172753
 Ion Ratio Lower Upper
 122 100
 107 118.2 94.2 141.2
 121 58.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.666 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion: 93 Resp: 216539
 Ion Ratio Lower Upper
 93 100
 95 34.8 24.6 37.0
 123 12.1 9.1 13.7

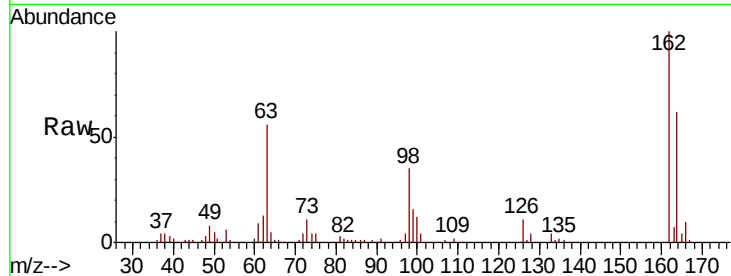




#29
 2,4-Dichlorophenol
 Concen: 44.823 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	176796
Ion Ratio	Lower	Upper	
162	100		
164	62.0	43.2	83.2
98	35.1	16.0	56.0

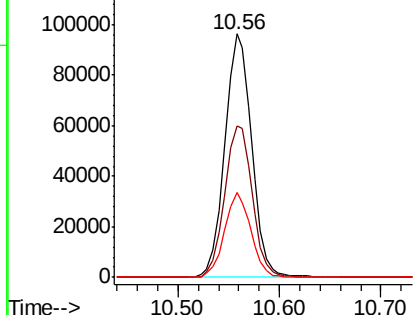
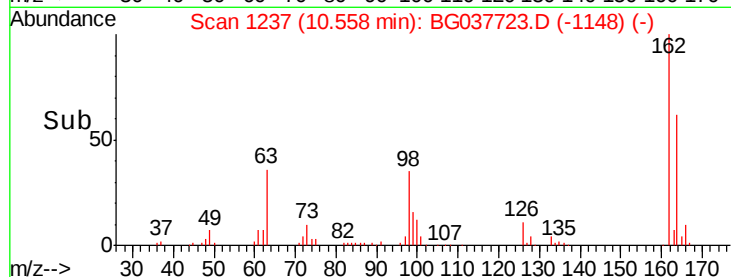


Abundance

Ion 162.00 (161.70 to 162.70): E

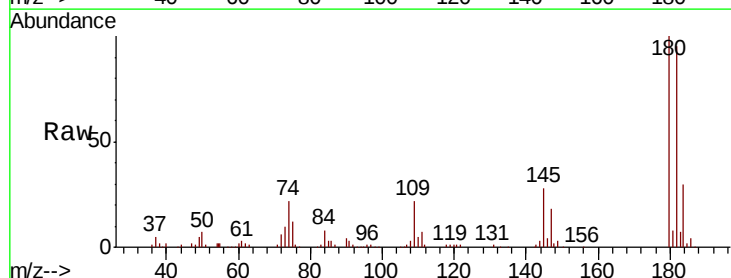
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.611 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion	180	Resp	165615
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.7	116.5
145	28.1	23.3	34.9

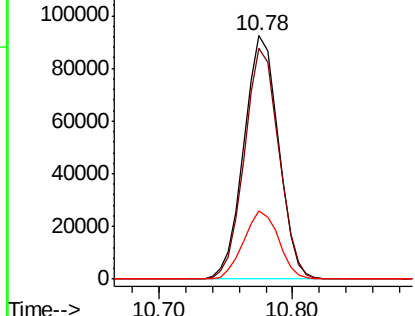
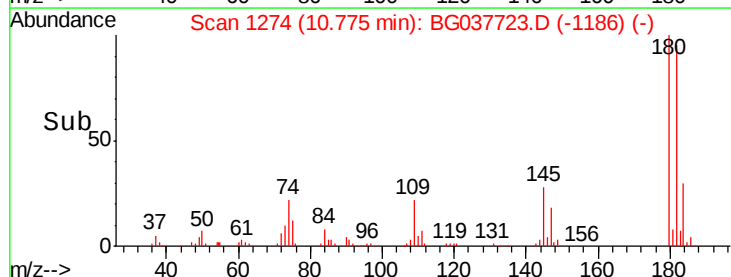


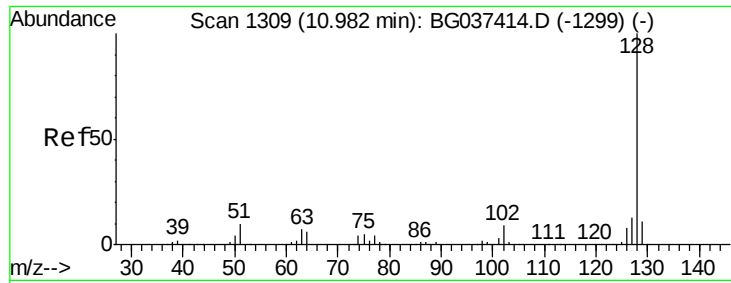
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

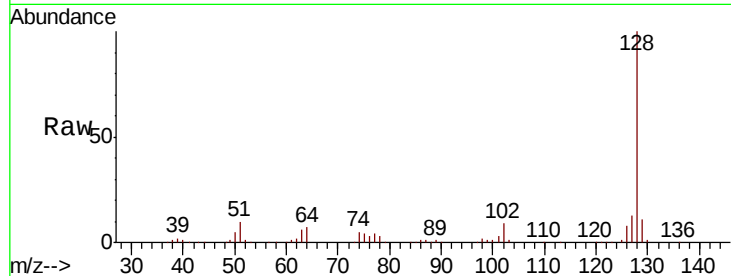




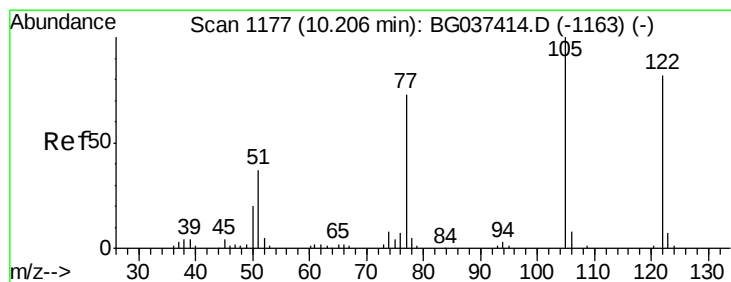
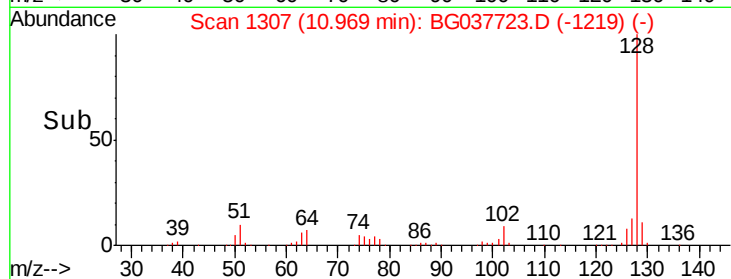
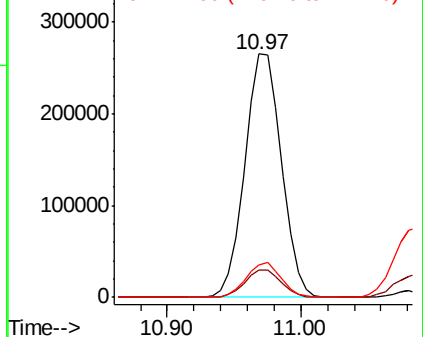
#31
Naphthalene
Concen: 43.016 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 501784
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 11.1 16.7

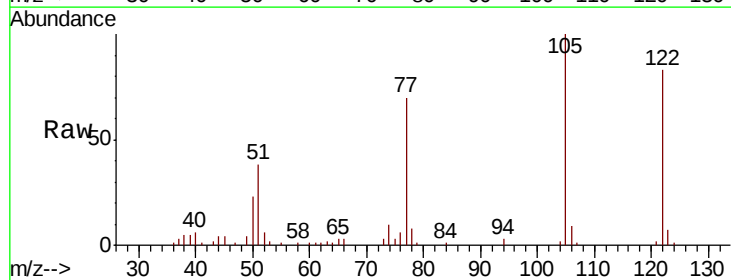


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

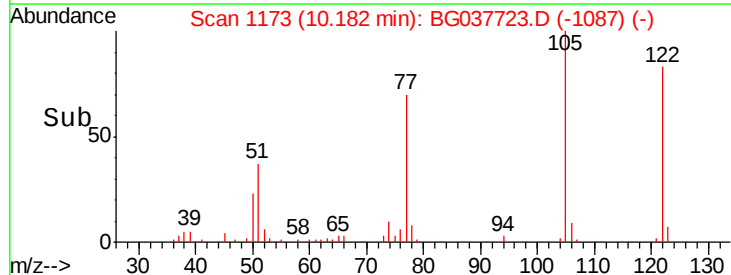
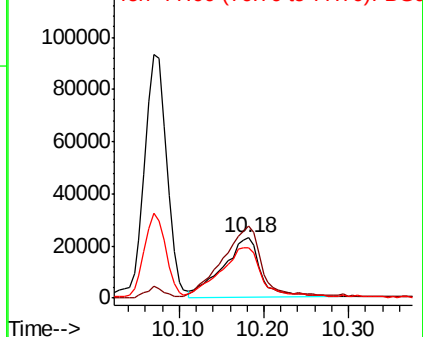


#32
Benzoic acid
Concen: 30.467 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:122 Resp: 70102
Ion Ratio Lower Upper
122 100
105 120.2 106.7 146.7
77 84.2 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

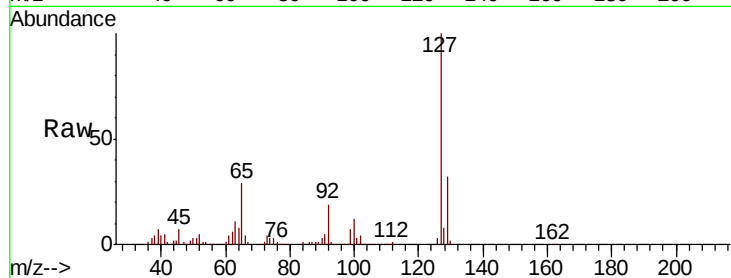




#33
4-Chloroaniline
Concen: 26.419 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	144799
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.1	40.7
65	28.8	26.6	39.8
92	18.6	16.4	24.6



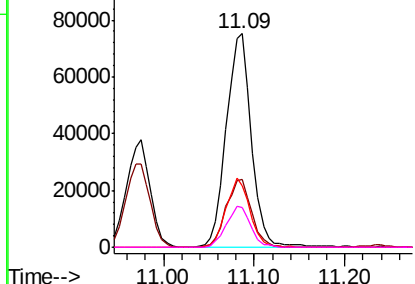
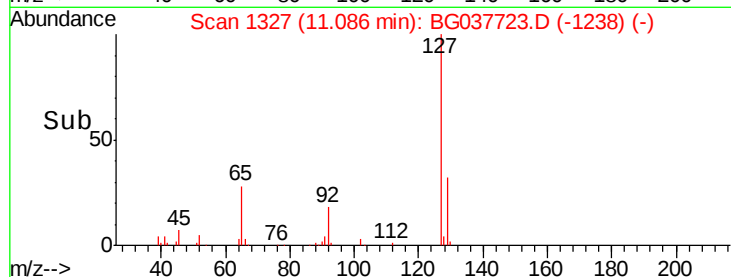
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

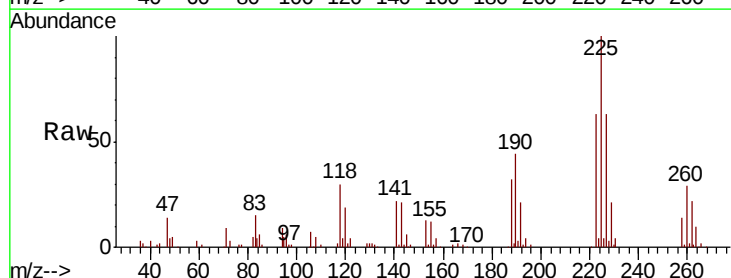
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.201 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:	225	Resp:	94572
Ion	Ratio	Lower	Upper
225	100		
223	60.1	48.2	72.4
227	63.2	51.6	77.4

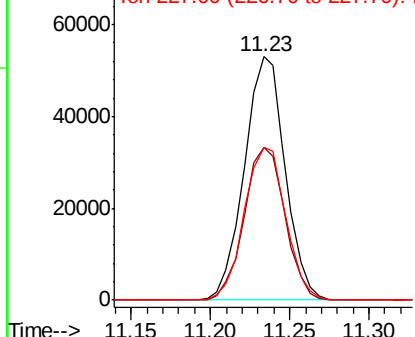
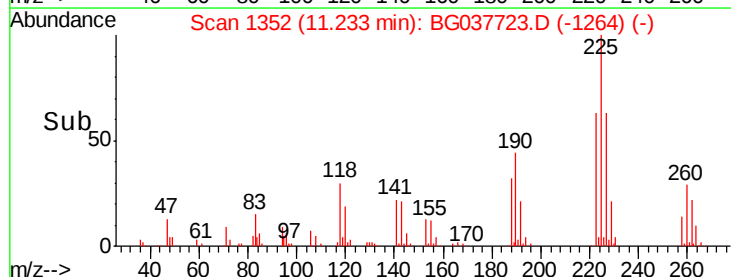


Abundance

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: 28.325 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

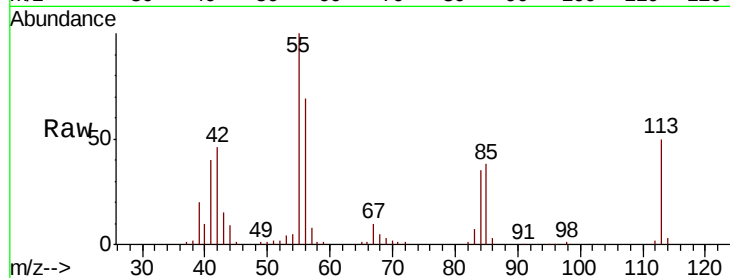
Tot Ion:113 Resp: 44807

Ion Ratio Lower Upper

113 100

55 200.2 176.6 216.6

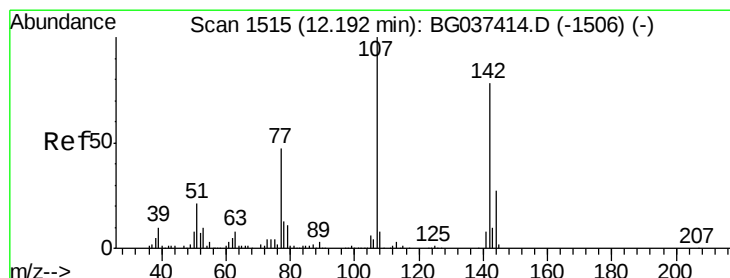
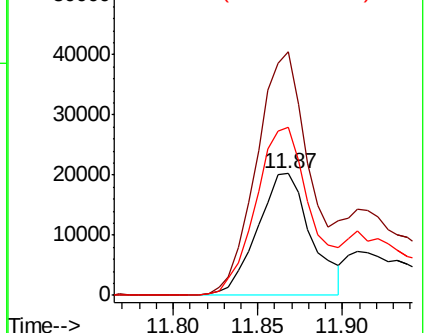
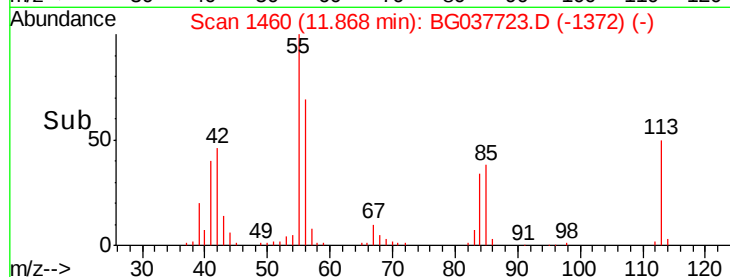
56 137.8 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037723.D (-1372) (-)

Ion 56.00 (55.70 to 56.70): BG037723.D (-1372) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.639 ng

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

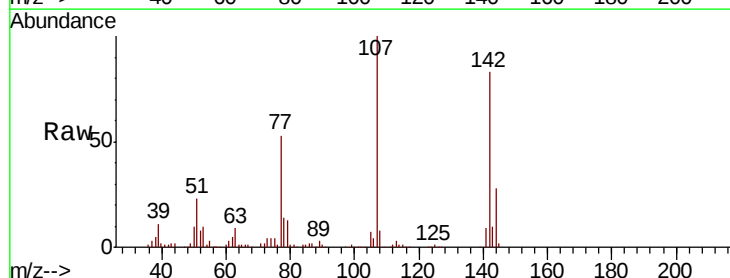
Tgt Ion:107 Resp: 194117

Ion Ratio Lower Upper

107 100

144 28.0 20.7 31.1

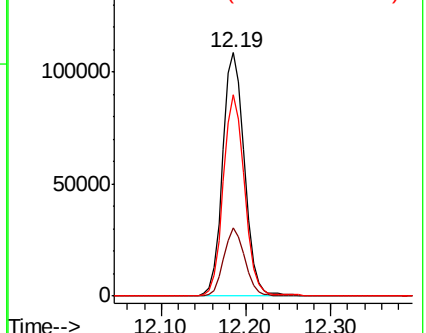
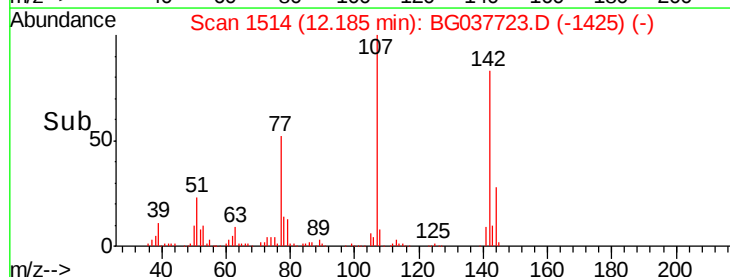
142 82.6 64.4 96.6



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

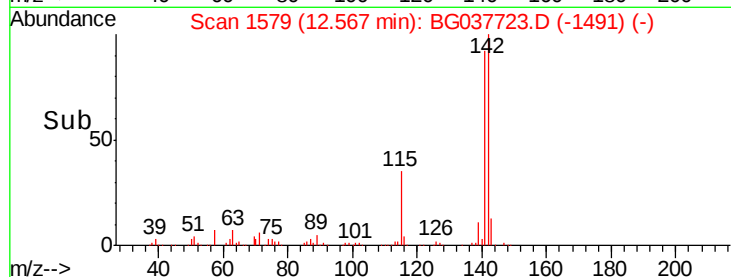
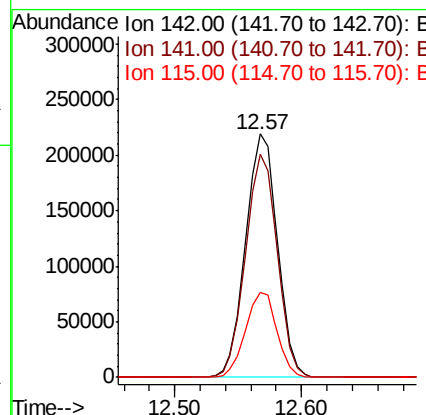
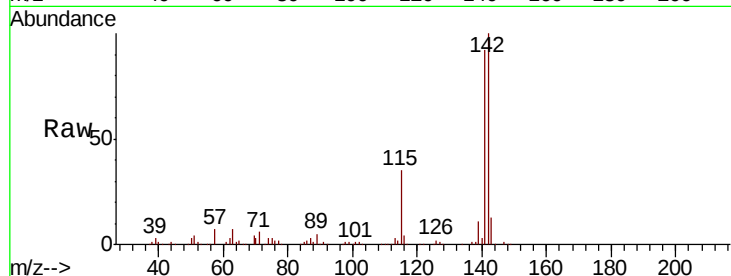




#37
2-Methylnaphthalene
Concen: 45.108 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

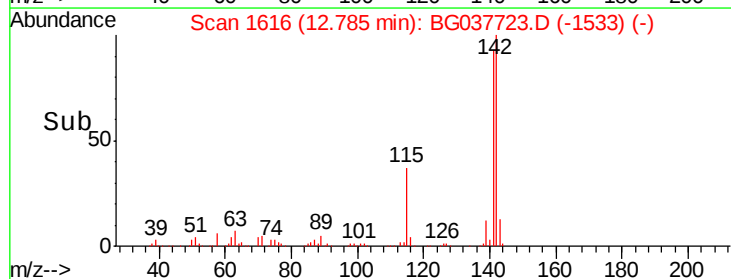
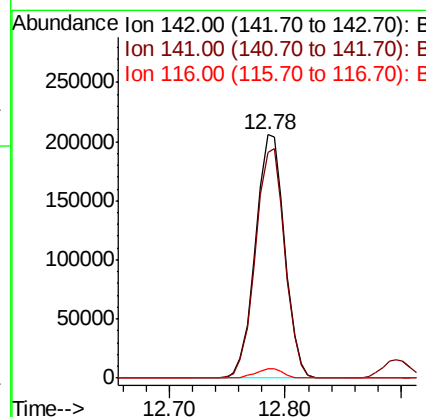
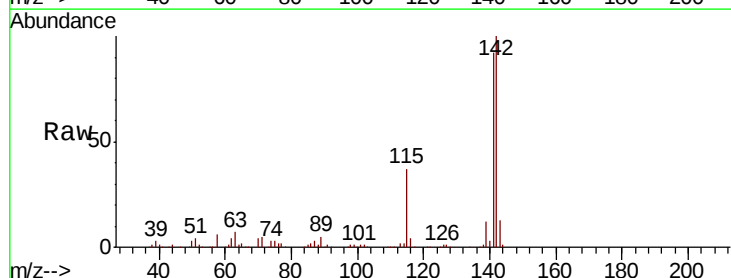
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.9	107.9
115	35.0	27.8	41.8



#38
1-Methylnaphthalene
Concen: 43.973 ng
RT: 12.78 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

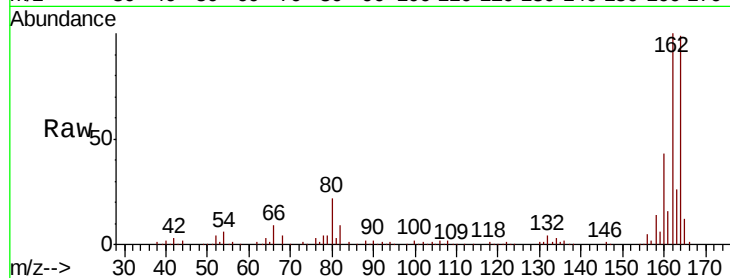
Tot Ion:164 Resp: 158292

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

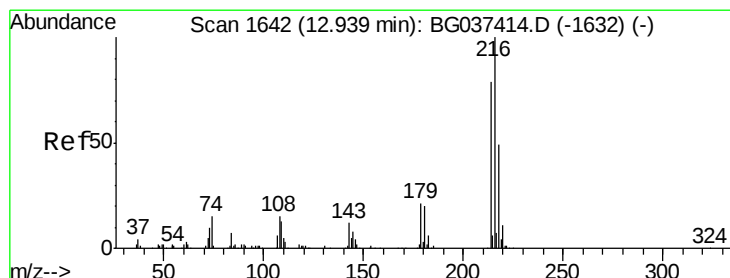
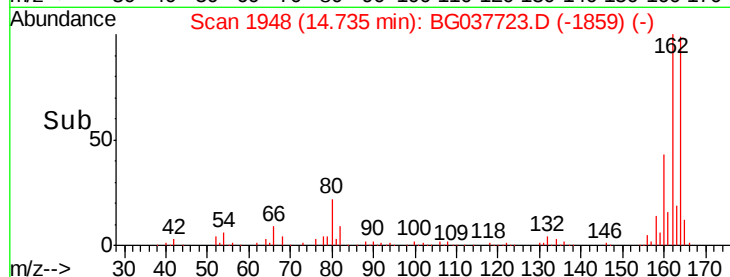
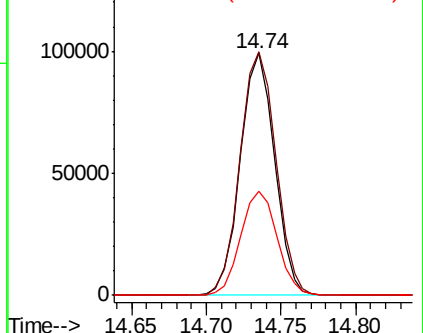
160 43.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.113 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Tgt Ion:216 Resp: 194596

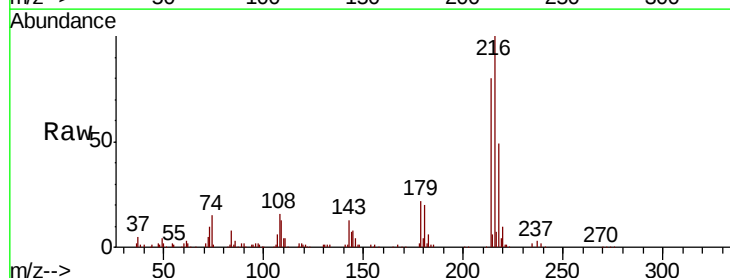
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.6

179 21.4 17.4 26.0

108 18.6 13.9 20.9

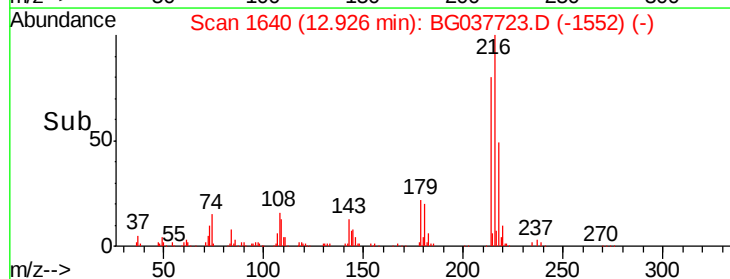
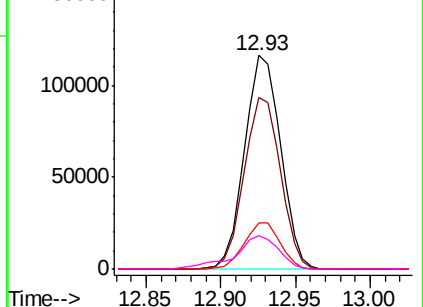


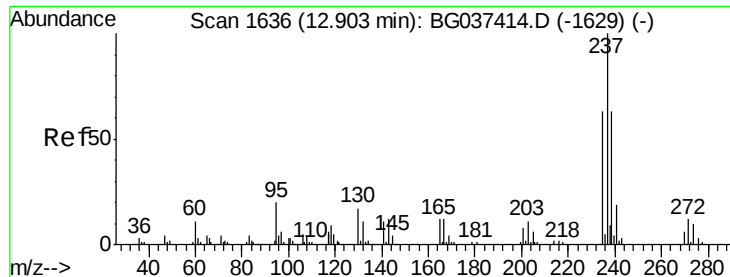
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

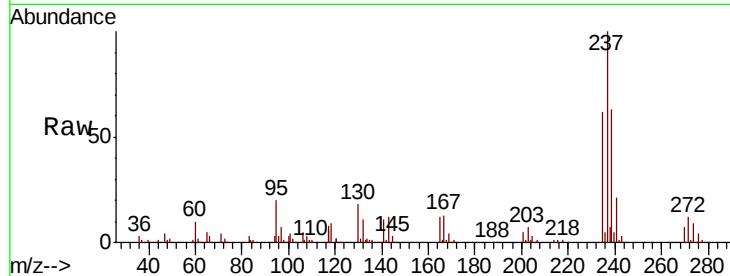




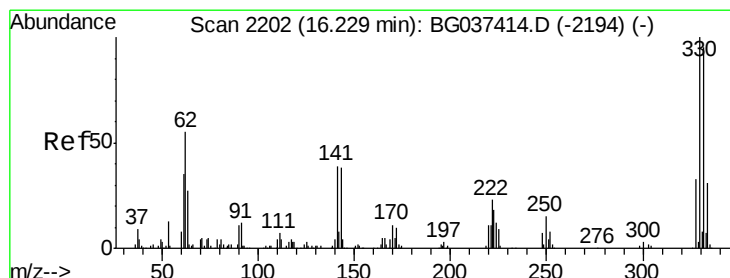
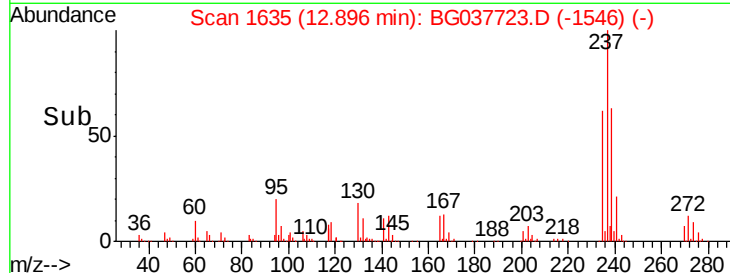
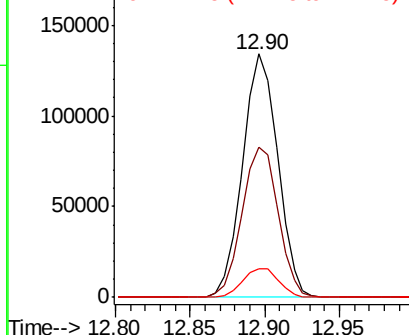
#41
Hexachlorocyclopentadiene
Concen: 89.713 ng
RT: 12.90 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.5	82.5
272	11.9	0.0	31.6

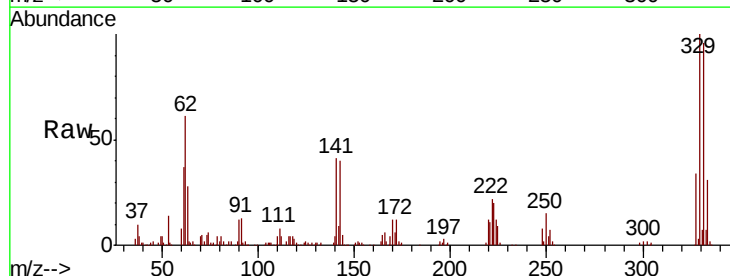


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

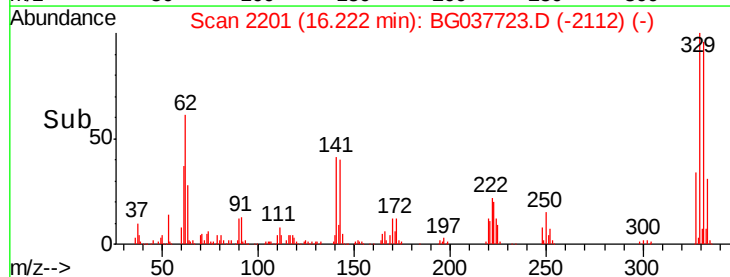
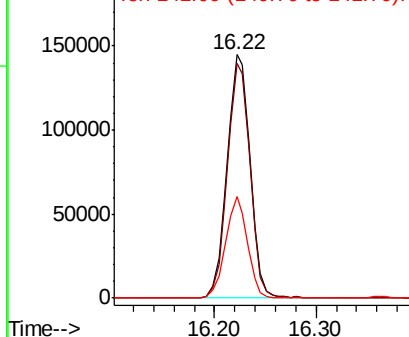


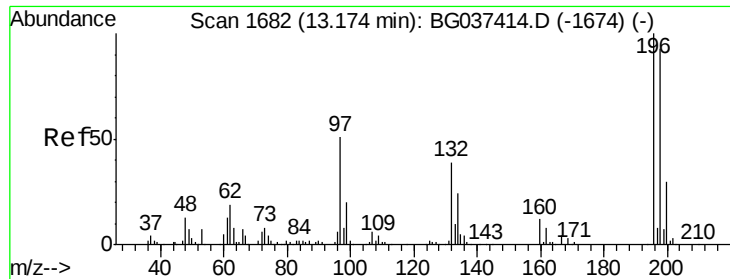
#42
2,4,6-Tribromophenol
Concen: 131.631 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.4	117.6
141	39.6	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

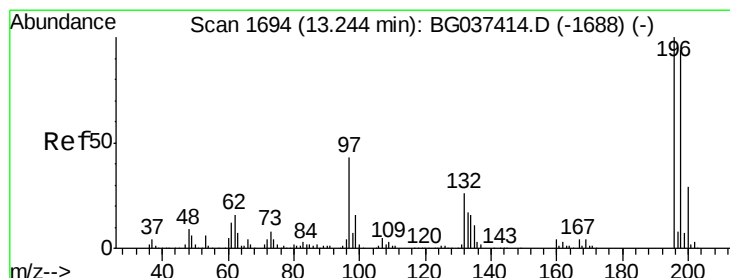
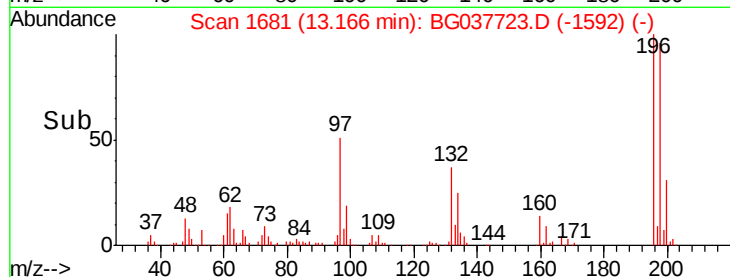
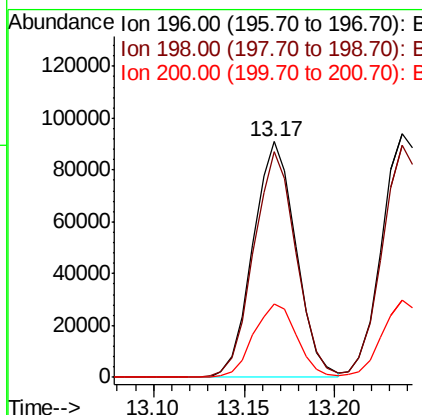
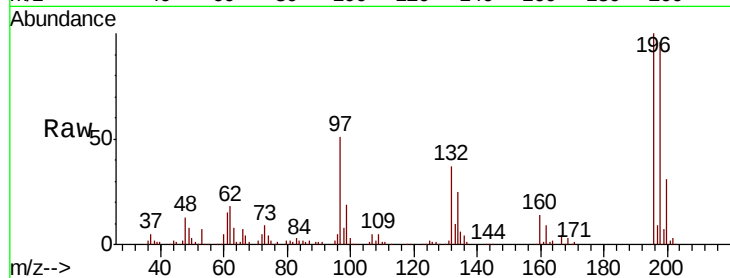




#43
2,4,6-Trichlorophenol
Concen: 43.830 ng
RT: 13.17 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

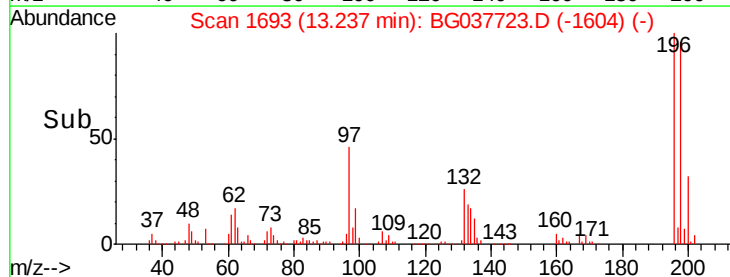
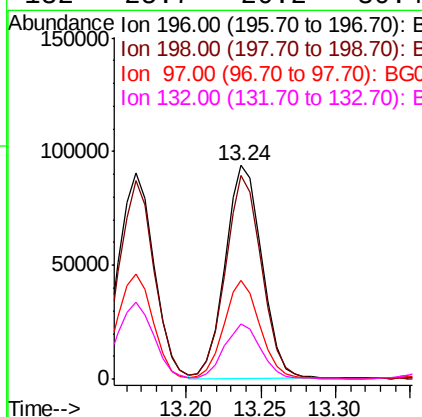
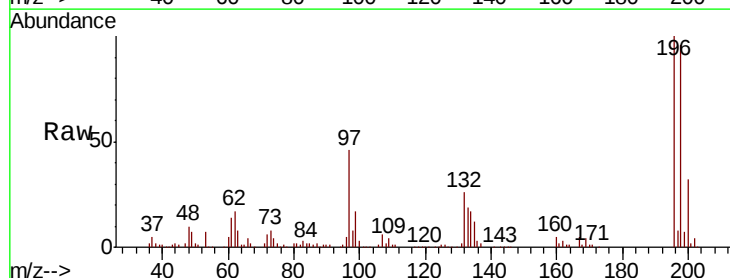
Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 149509
Ion Ratio Lower Upper
196 100
198 96.1 76.4 114.6
200 31.0 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.481 ng
RT: 13.24 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:196 Resp: 161482
Ion Ratio Lower Upper
196 100
198 95.5 74.2 111.2
97 46.4 34.1 51.1
132 25.7 20.2 30.4

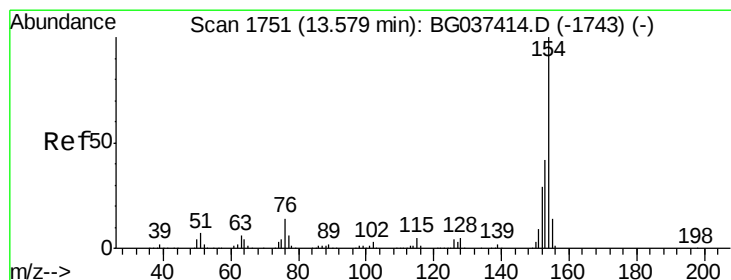
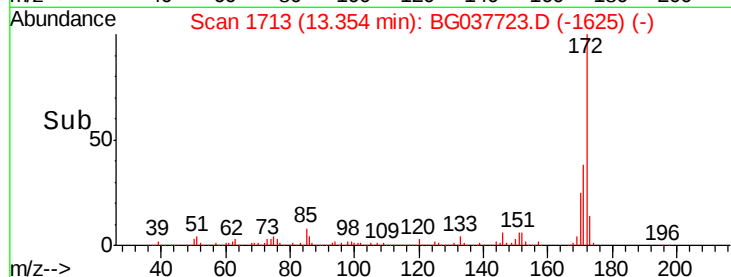
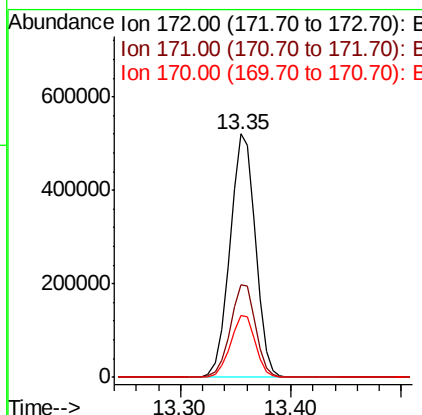
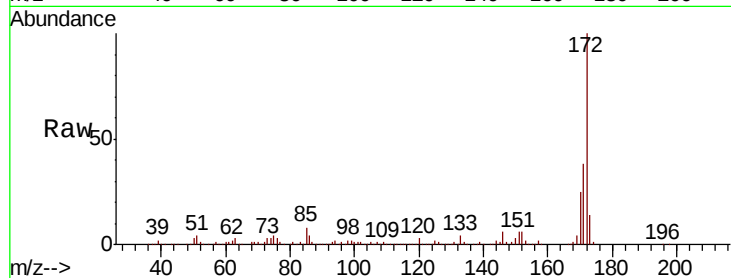




#45
 2-Fluorobiphenyl
 Concen: 80.076 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

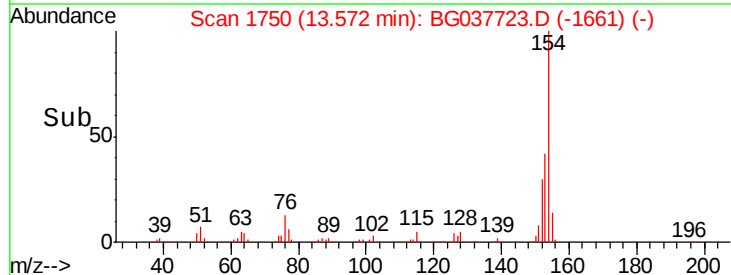
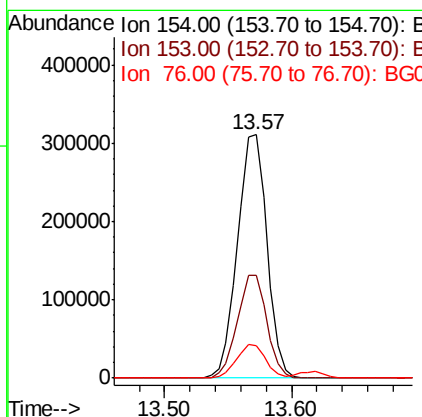
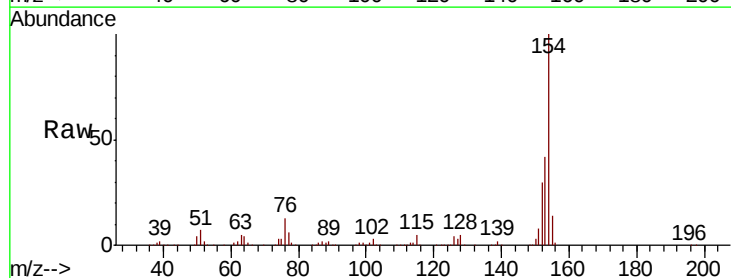
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.5	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 38.237 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	13.3	0.0	33.2

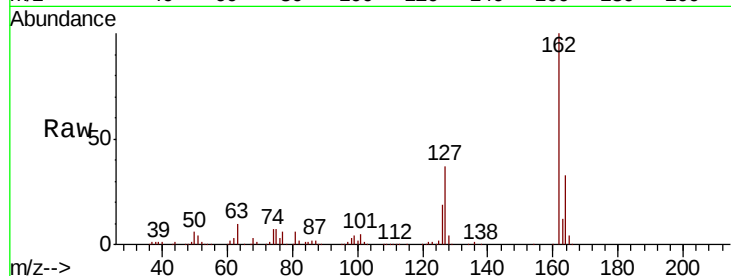




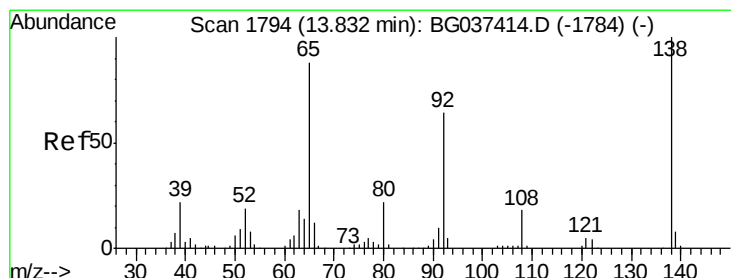
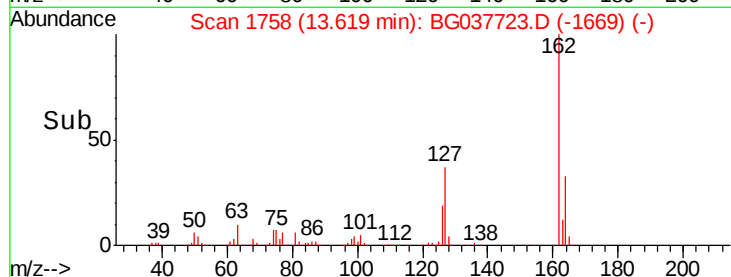
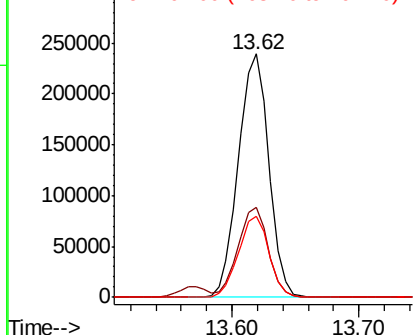
#47
 2-Chloronaphthalene
 Concen: 40.185 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 398549
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.5 45.7
 164 33.2 26.4 39.6

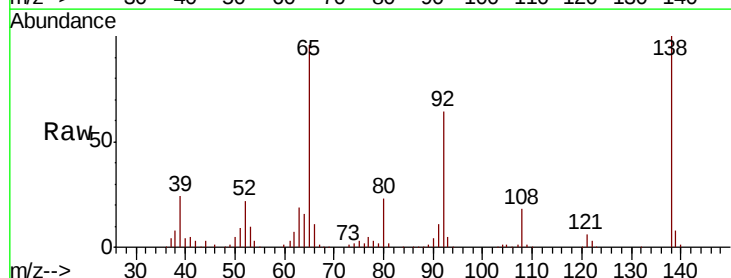


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

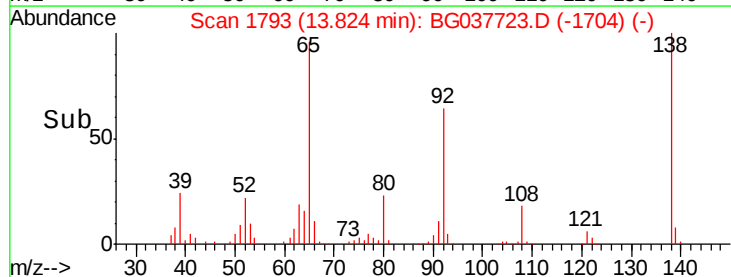
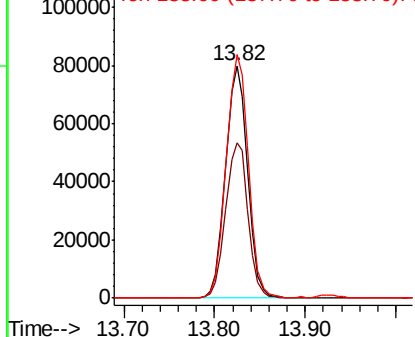


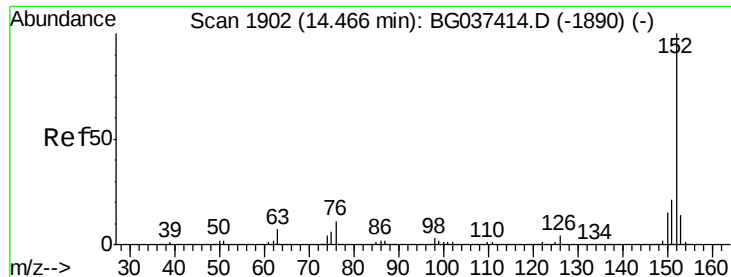
#48
 2-Nitroaniline
 Concen: 44.877 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion: 65 Resp: 134971
 Ion Ratio Lower Upper
 65 100
 92 67.0 53.2 79.8
 138 104.7 79.3 118.9



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





#49

Acenaphthylene

Concen: 43.985 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

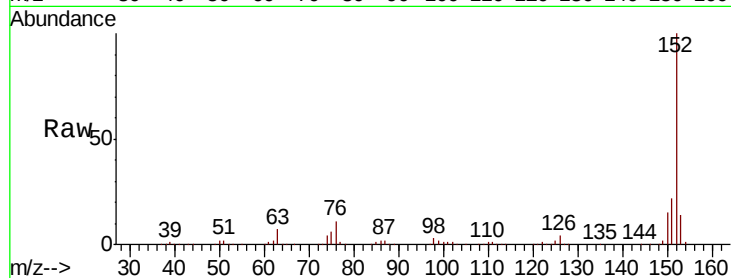
Tot Ion:152 Resp: 656216

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

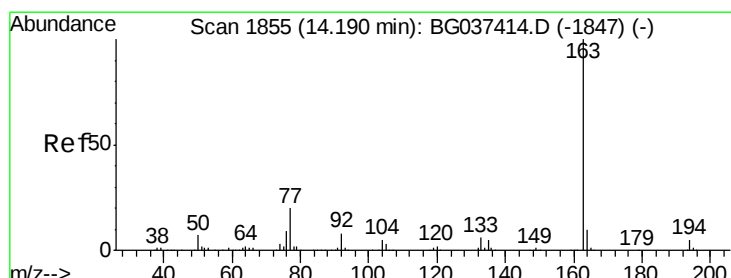
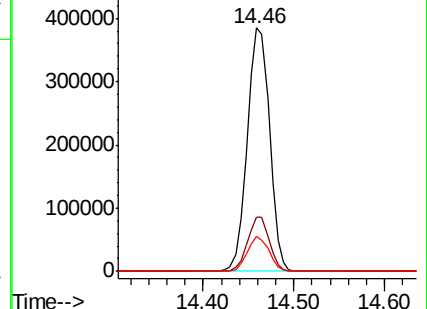
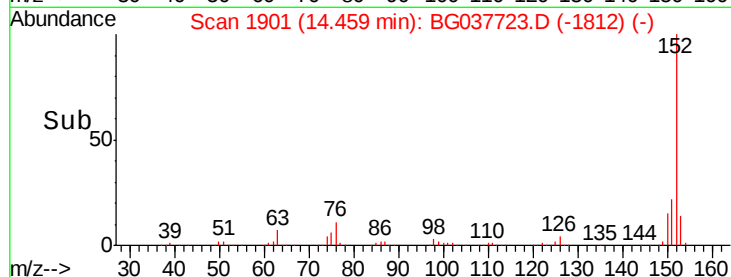
153 14.2 11.1 16.7



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: 52.576 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

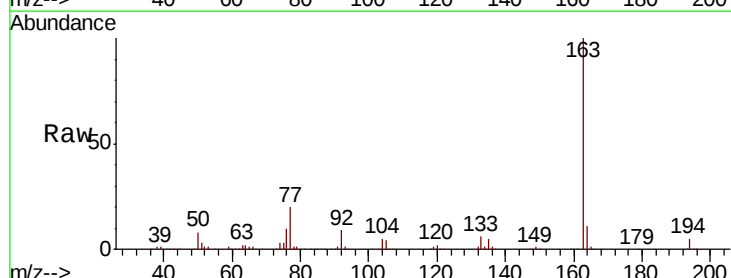
Tgt Ion:163 Resp: 643837

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

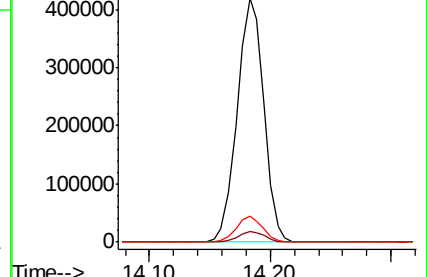
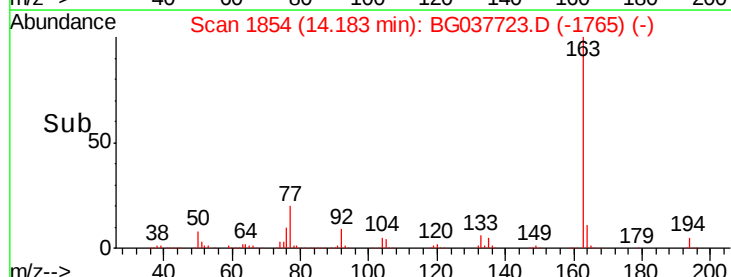
164 10.9 8.5 12.7

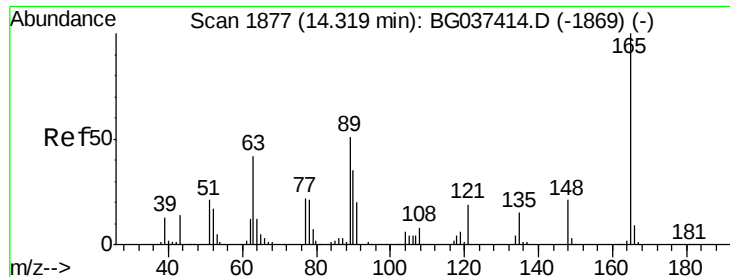


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

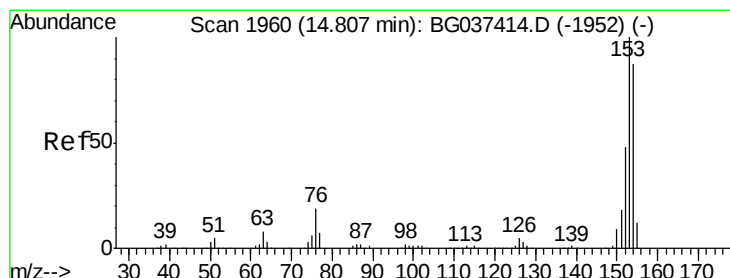
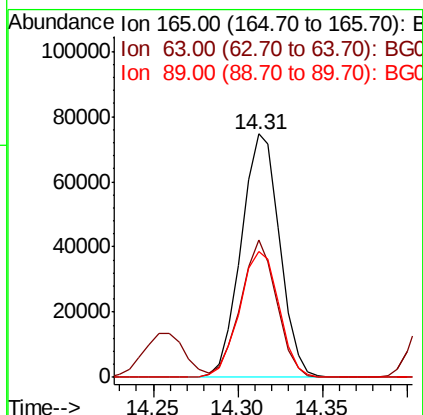
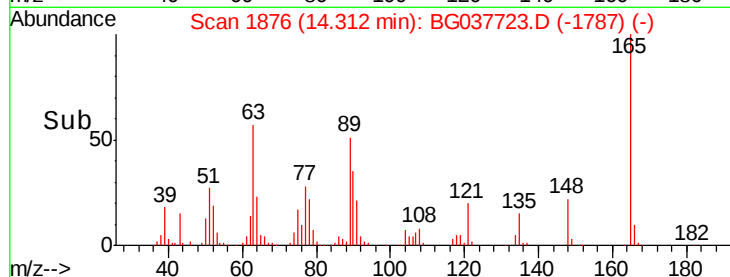
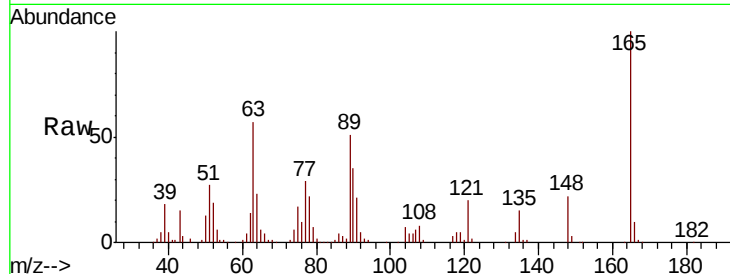




#51
 2,6-Dinitrotoluene
 Concen: 43.688 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

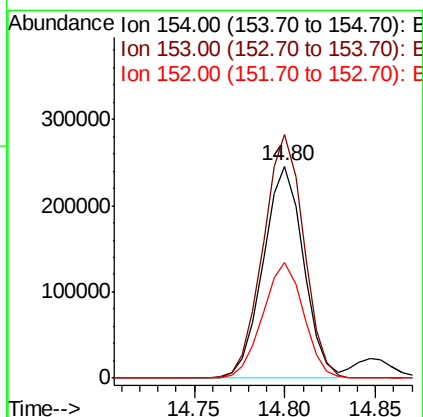
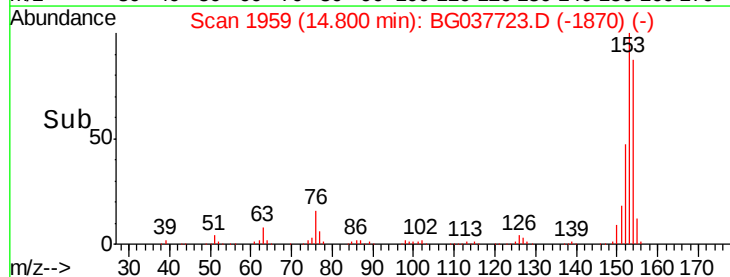
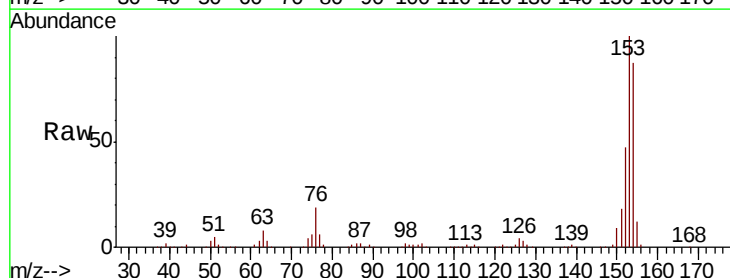
Instrument :
 BNA_G
 ClientSampleId :

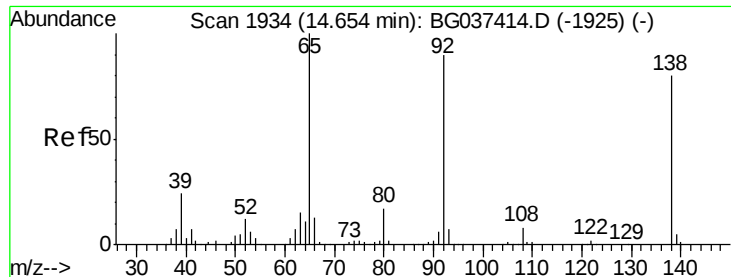
Tot Ion:165 Resp: 118352
 Ion Ratio Lower Upper
 165 100
 63 56.6 43.4 65.2
 89 51.5 45.8 68.6



#52
 Acenaphthene
 Concen: 41.395 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion:154 Resp: 380345
 Ion Ratio Lower Upper
 154 100
 153 114.8 93.4 140.0
 152 54.3 44.7 67.1

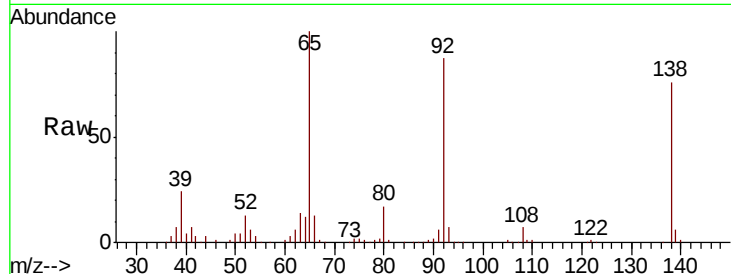




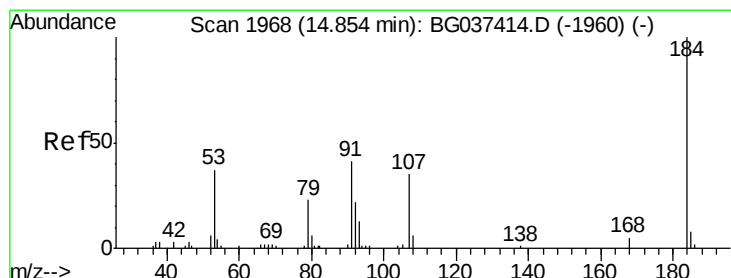
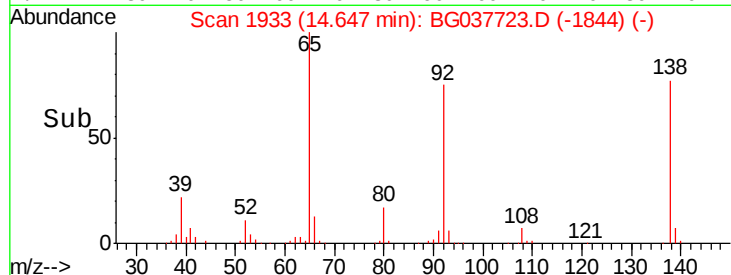
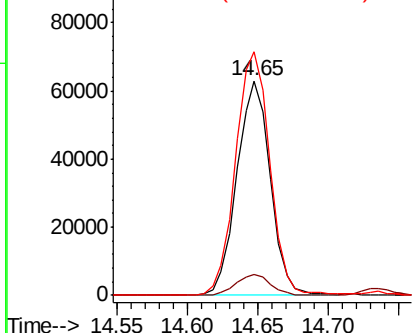
#53
 3-Nitroaniline
 Concen: 34.662 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 104242
 Ion Ratio Lower Upper
 138 100
 108 9.7 11.0 16.6#
 92 113.4 95.2 142.8

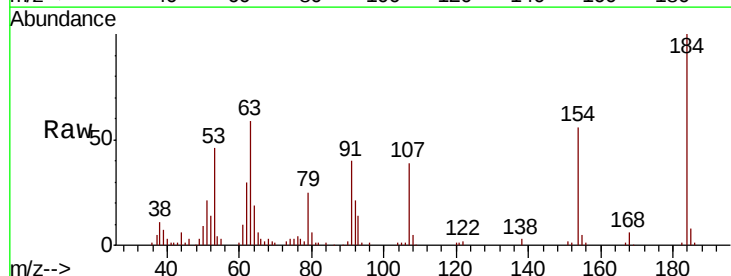


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

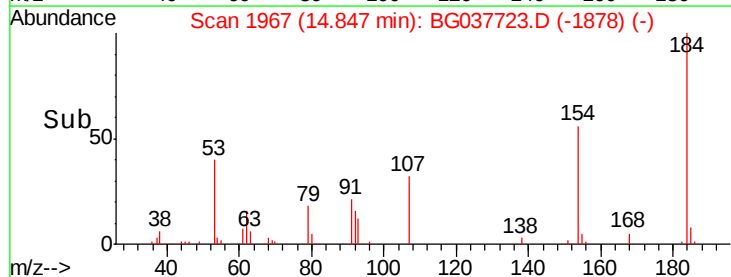
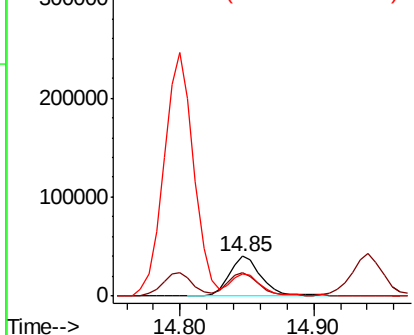


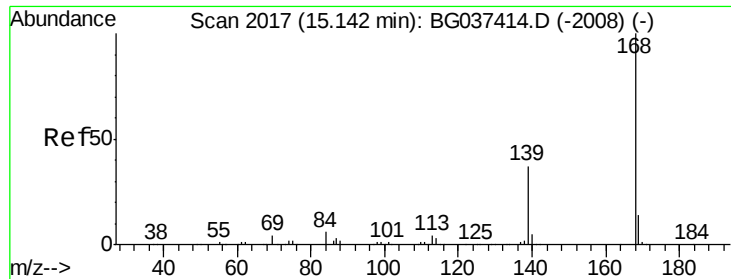
#54
 2,4-Dinitrophenol
 Concen: 64.992 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion:184 Resp: 68346
 Ion Ratio Lower Upper
 184 100
 63 59.3 42.6 63.8
 154 56.5 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

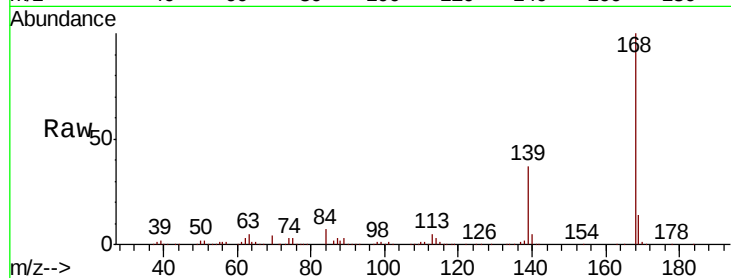




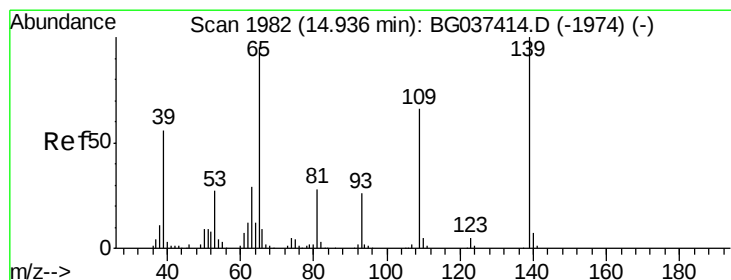
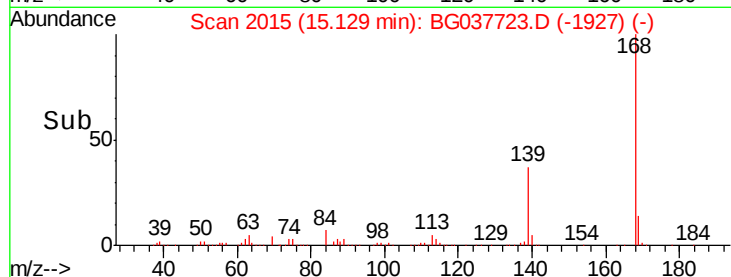
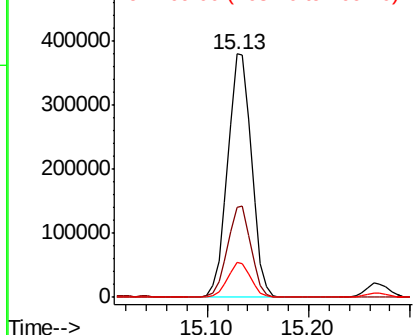
#55
Dibenzofuran
Concen: 40.754 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 620407
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0
169 14.2 11.0 16.6

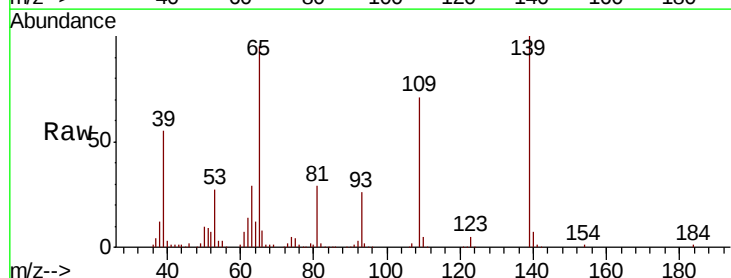


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

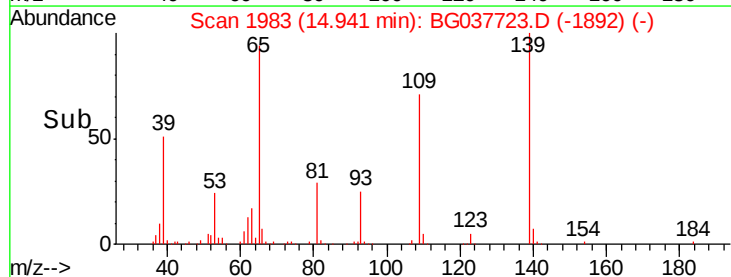
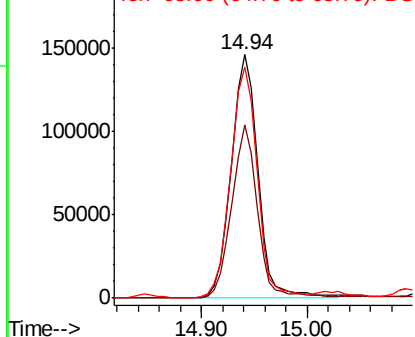


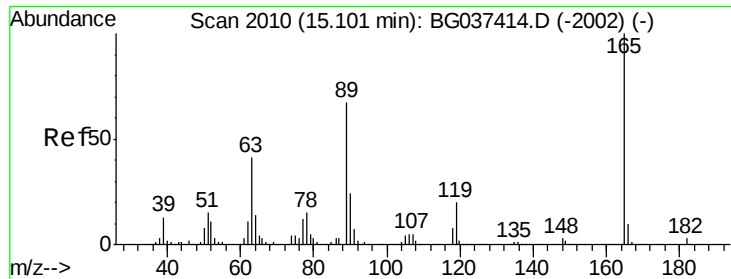
#56
4-Nitrophenol
Concen: 114.373 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:139 Resp: 254600
Ion Ratio Lower Upper
139 100
109 70.9 49.5 89.5
65 94.8 76.8 116.8



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

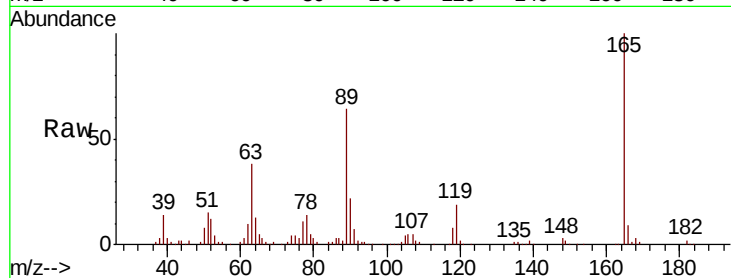




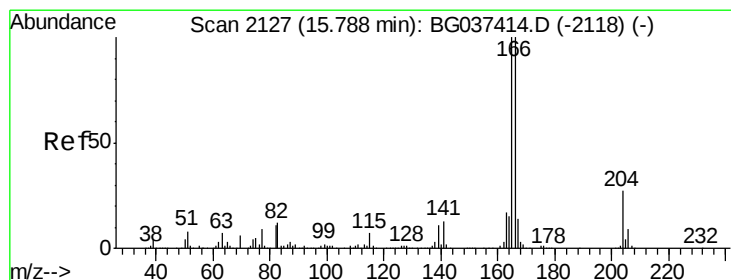
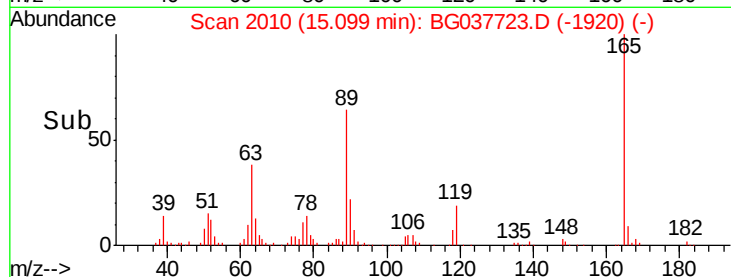
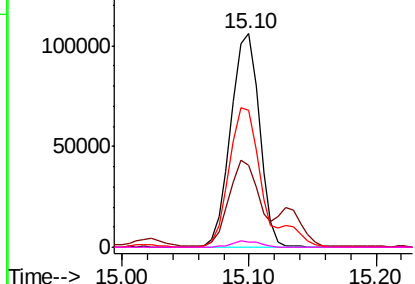
#57
2,4-Dinitrotoluene
Concen: 46.703 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	33.4	50.0
89	64.2	57.2	85.8
182	2.2	2.6	4.0

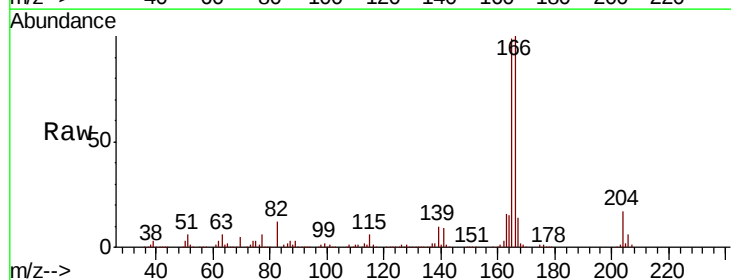


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

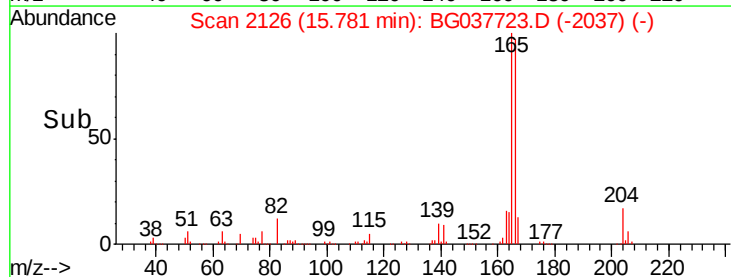
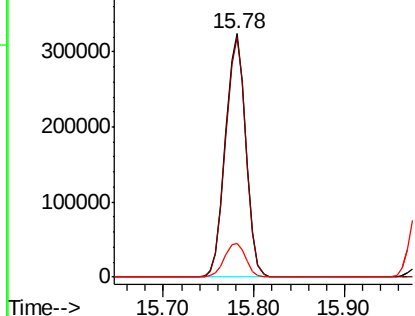


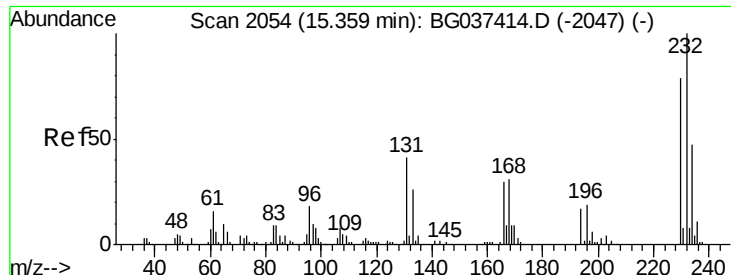
#58
Fluorene
Concen: 44.217 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.6
167	14.1	11.3	16.9



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

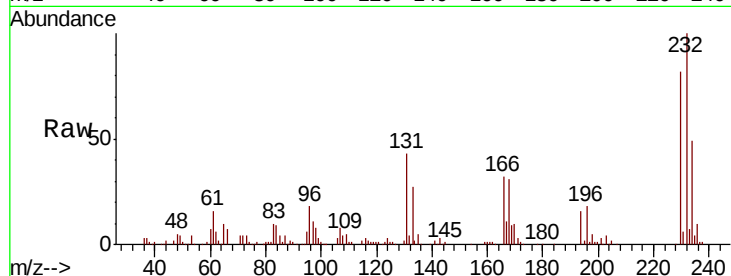




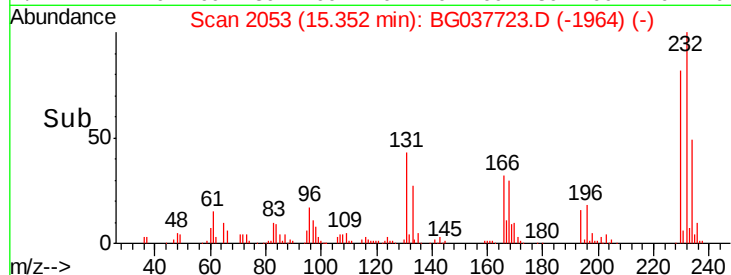
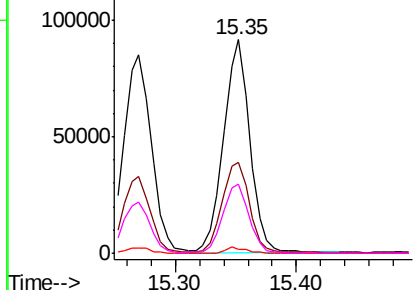
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.245 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 137513
Ion Ratio Lower Upper
232 100
131 45.2 33.7 50.5
130 2.2 2.1 3.1
166 32.7 24.6 36.8

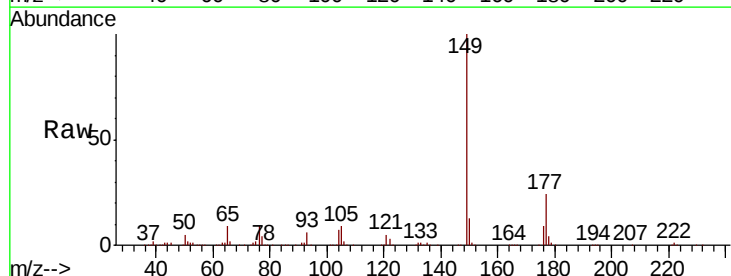


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

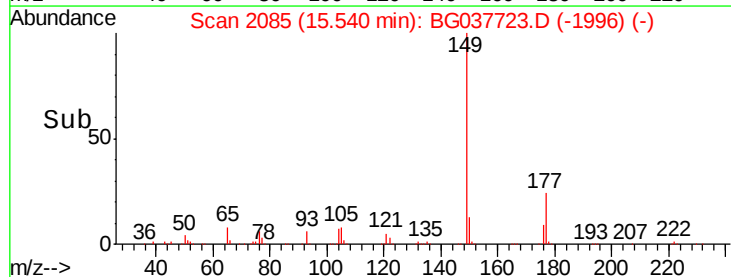
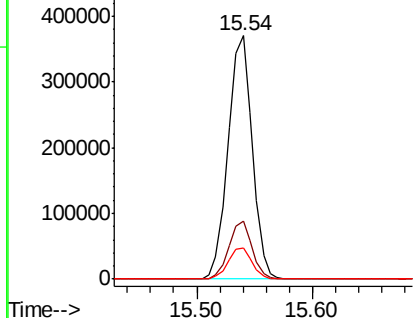


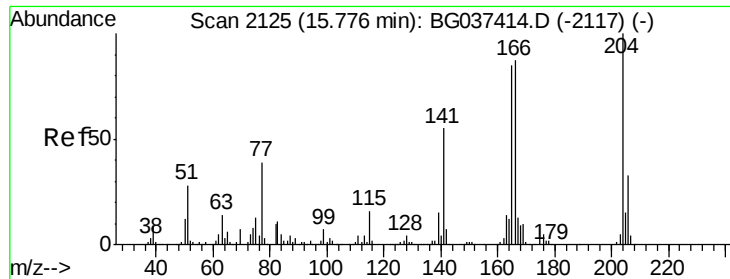
#60
Diethylphthalate
Concen: 42.645 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:149 Resp: 536137
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.8 10.0 15.0



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

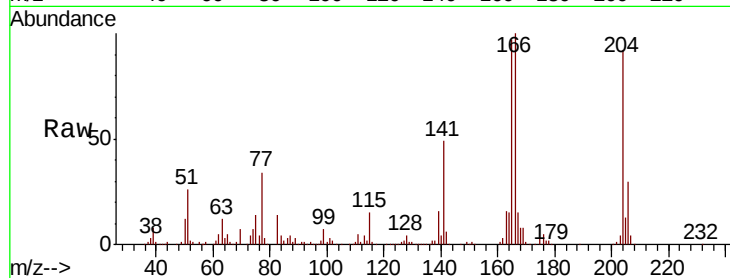




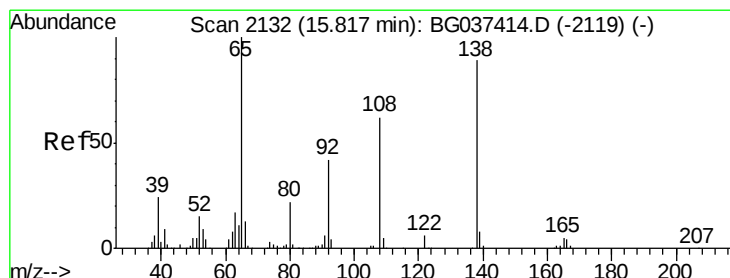
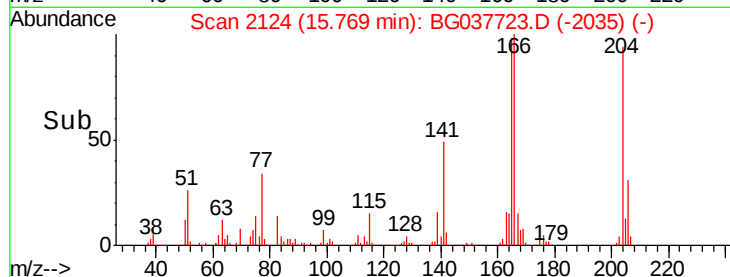
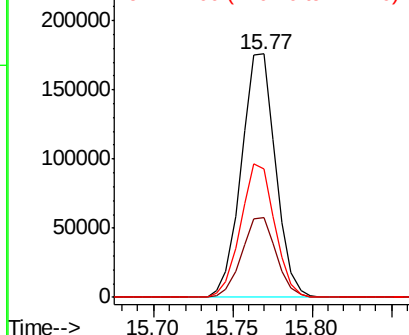
#61
4-Chlorophenyl-phenylether
Concen: 39.643 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 263412
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 52.7 45.4 68.2

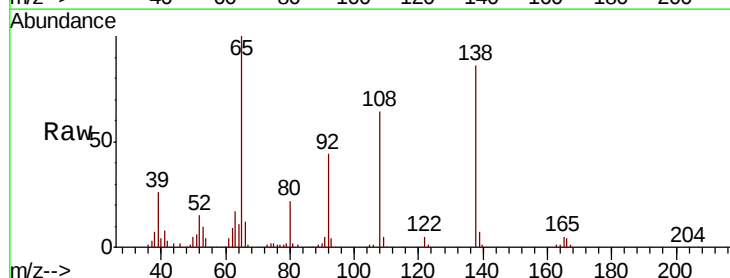


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

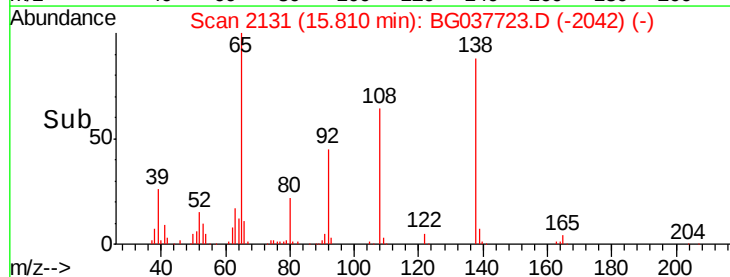
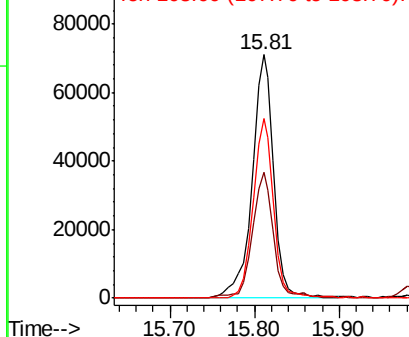


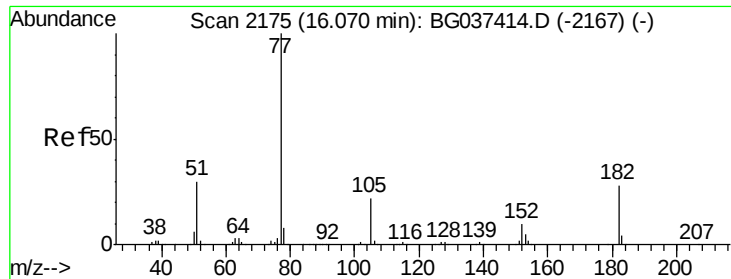
#62
4-Nitroaniline
Concen: 42.668 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:138 Resp: 127505
Ion Ratio Lower Upper
138 100
92 51.6 36.4 76.4
108 73.9 60.1 100.1



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

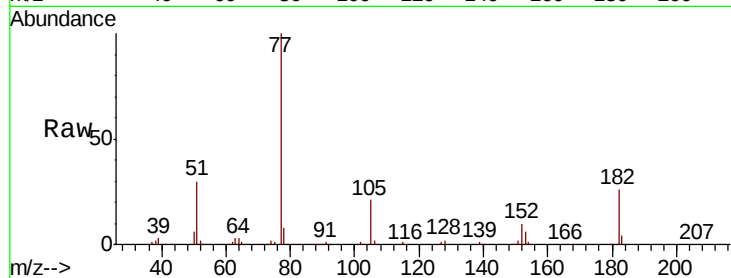




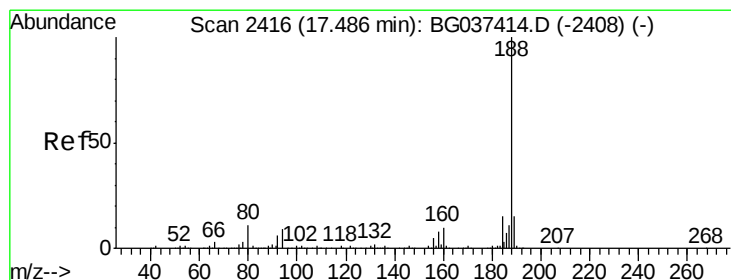
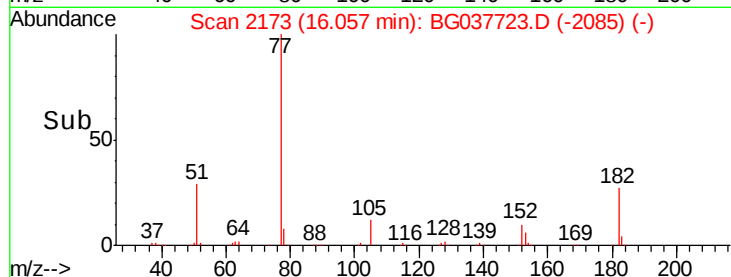
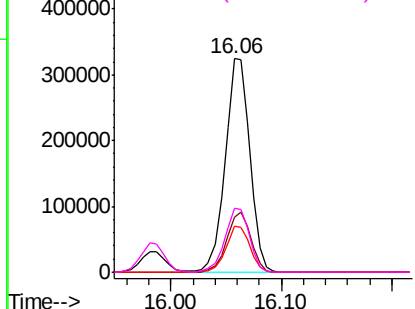
#63
Azobenzene
Concen: 42.183 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	505997
Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.0	48.0
105	21.4	1.3	41.3
51	30.2	10.7	50.7

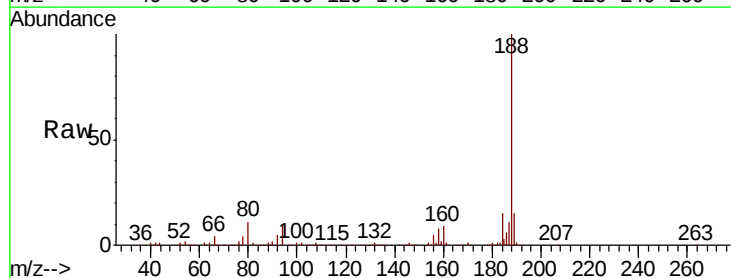


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

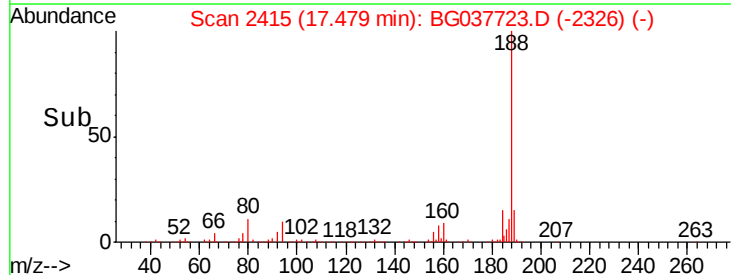
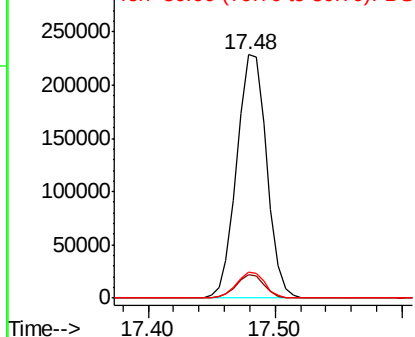


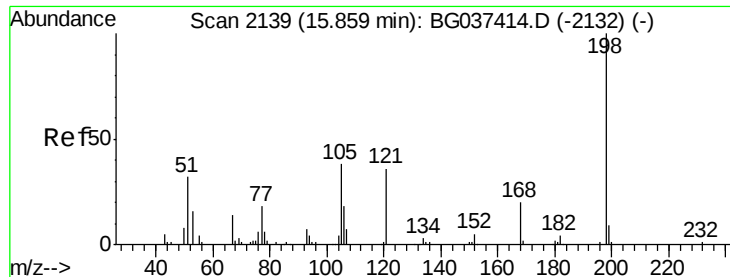
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:	188	Resp:	374369
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.7	7.7	11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.788 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

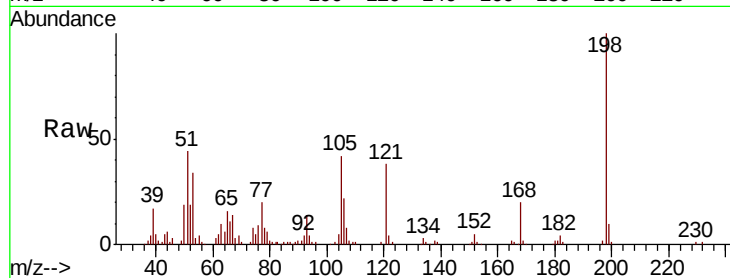
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 74690

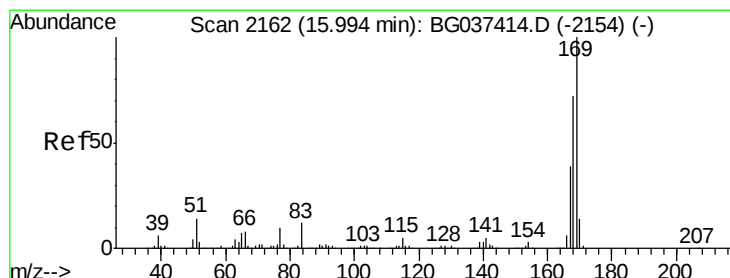
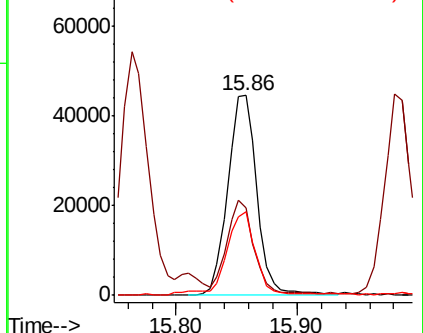
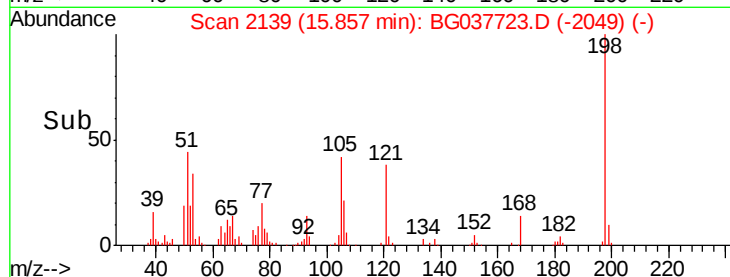
Ion	Ratio	Lower	Upper
198	100		
51	43.8	22.7	62.7
105	41.6	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037723.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.752 ng

RT: 15.99 min Scan# 2161

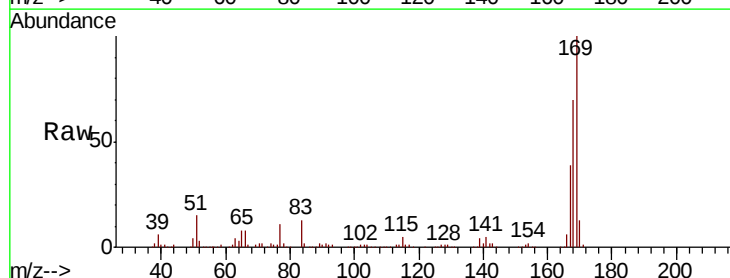
Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Tgt Ion:169 Resp: 458909

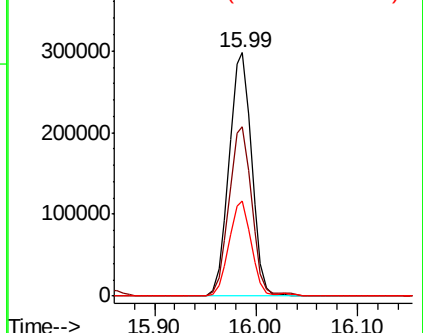
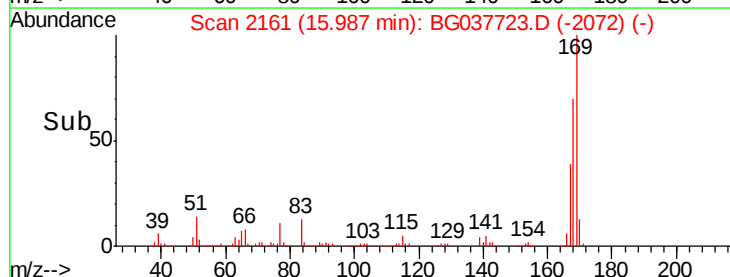
Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	38.9	31.3	46.9

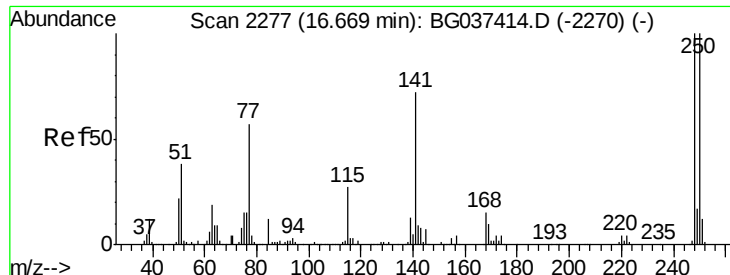


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

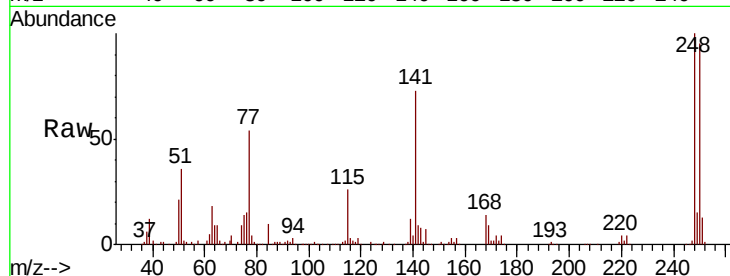




#67
 4-Bromophenyl-phenylether
 Concen: 39.550 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.0	115.6
141	73.3	55.5	83.3

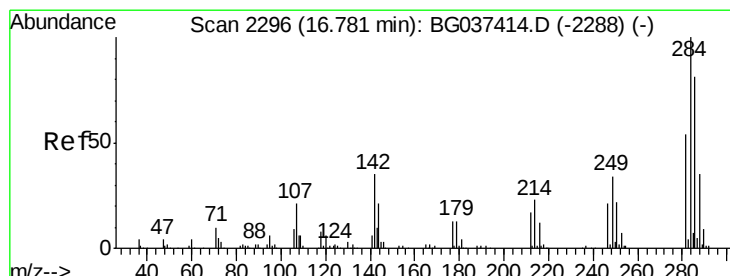
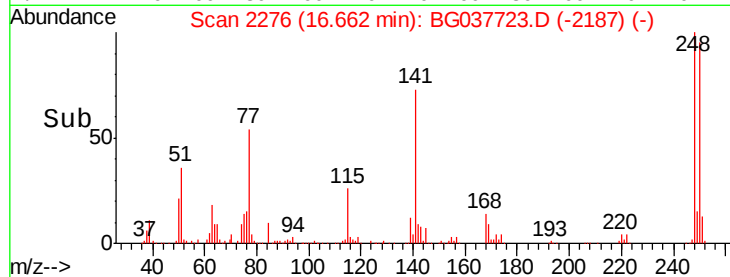
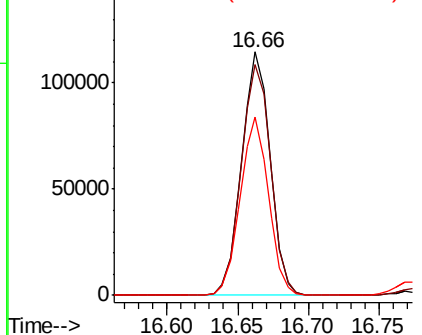


Abundance

Ion 248.00 (247.70 to 248.70): E

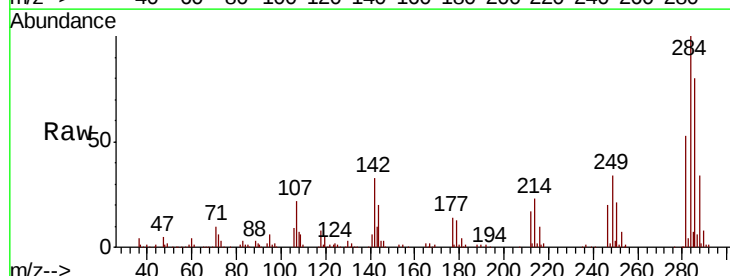
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.691 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.1	42.1
249	37.0	29.8	44.8

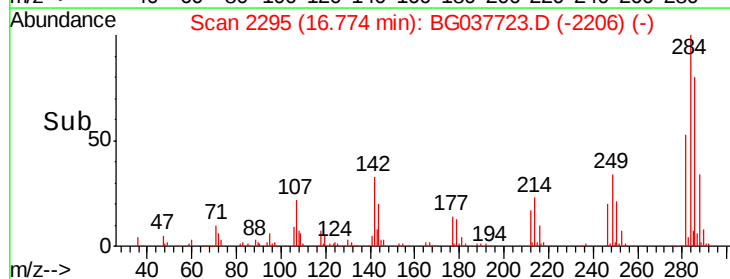
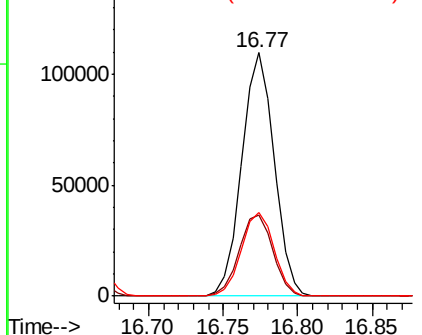


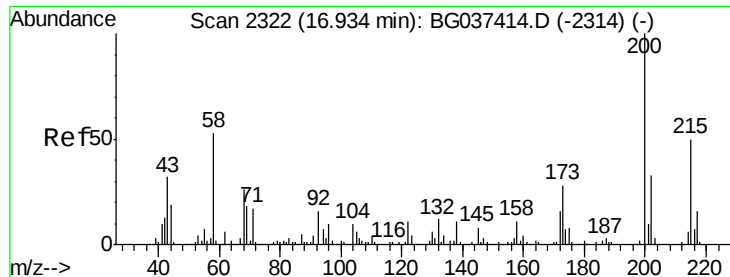
Abundance

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

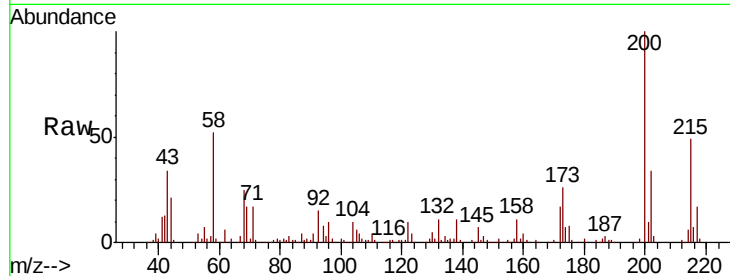




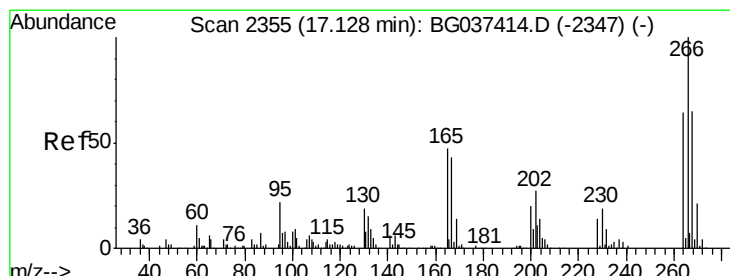
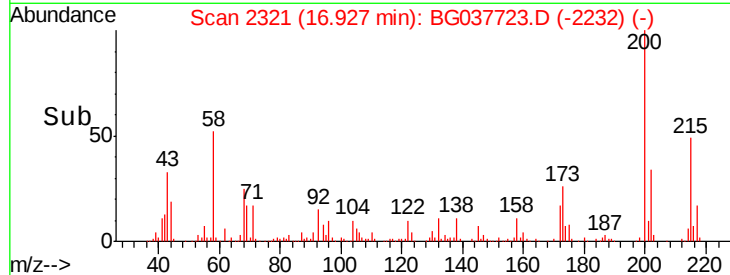
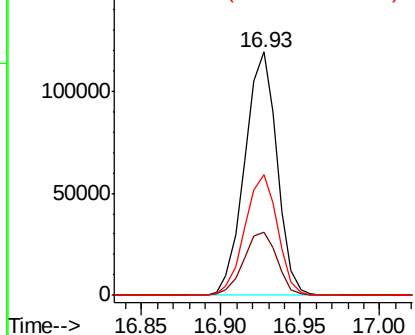
#69
 Atrazine
 Concen: 41.405 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 168579
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.1 46.1
 215 49.4 30.8 70.8

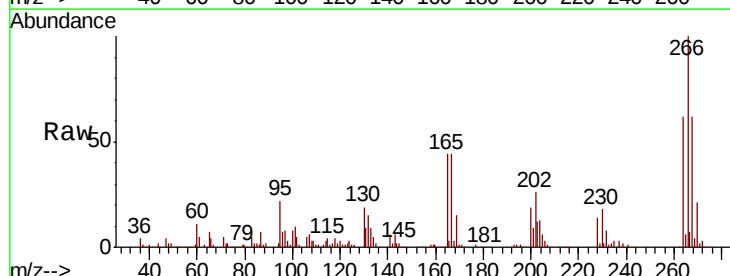


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

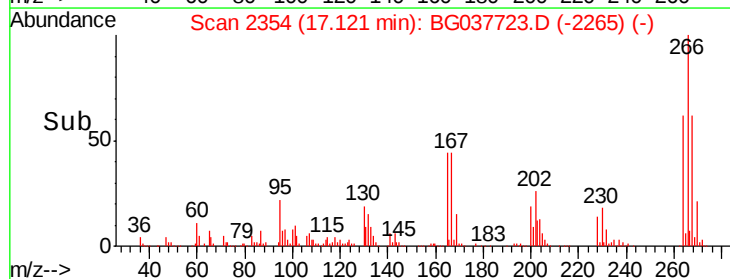
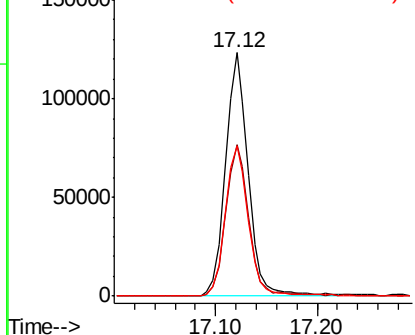


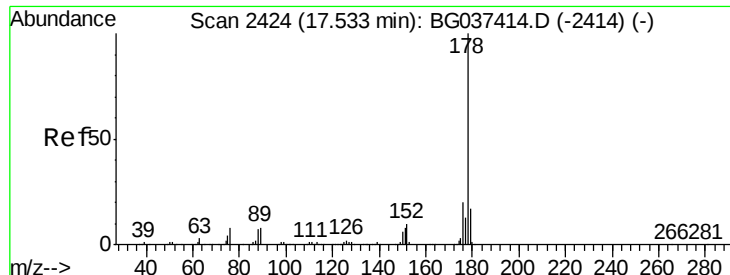
#70
 Pentachlorophenol
 Concen: 66.929 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037723.D
 Acq: 1 Nov 2018 17:52

Tgt Ion:266 Resp: 191019
 Ion Ratio Lower Upper
 266 100
 268 66.7 55.0 82.6
 264 67.7 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

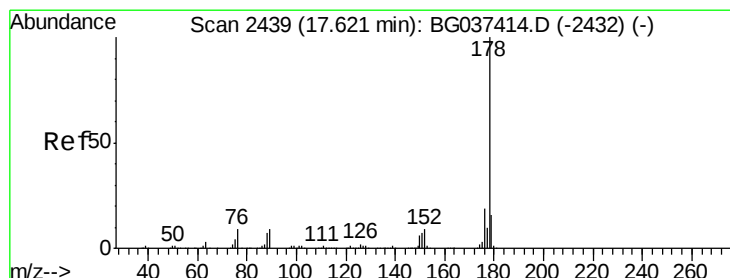
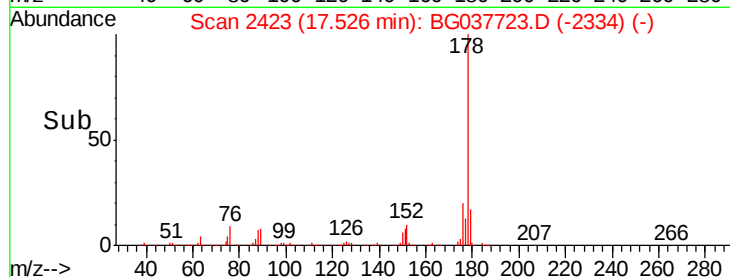
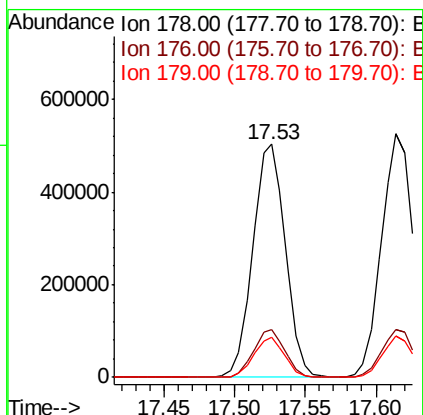
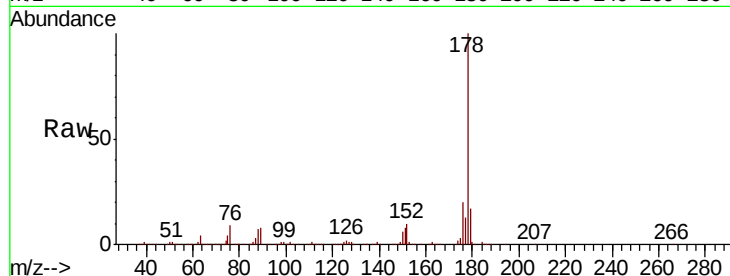




#71
Phenanthrene
Concen: 42.839 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

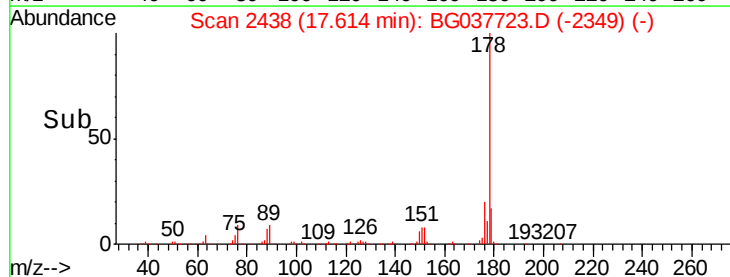
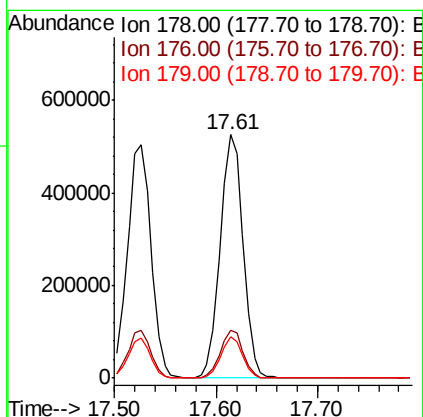
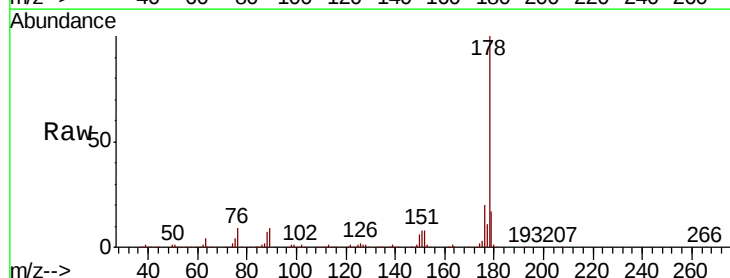
Instrument :
BNA_G
ClientSampleId :

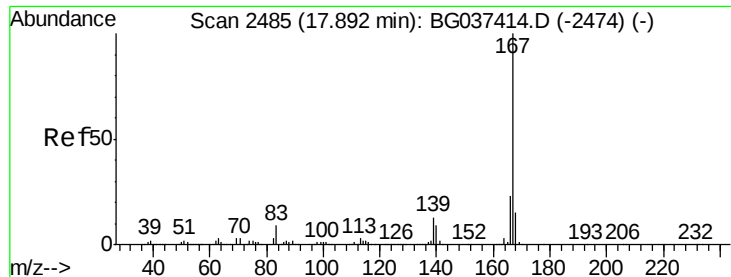
Tot Ion:178 Resp: 815081
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 17.1 13.0 19.4



#72
Anthracene
Concen: 44.165 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:178 Resp: 824639
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.9 12.8 19.2





#73

Carbazole

Concen: 40.057 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037723.D

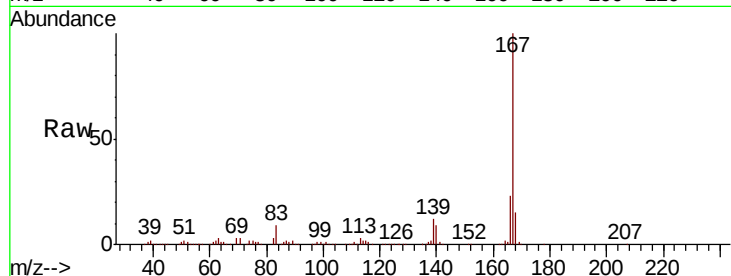
Acq: 1 Nov 2018 17:52

Instrument :

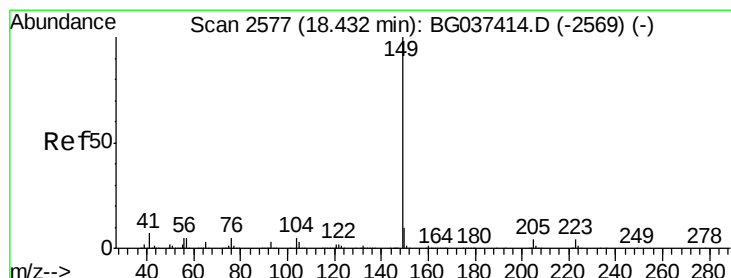
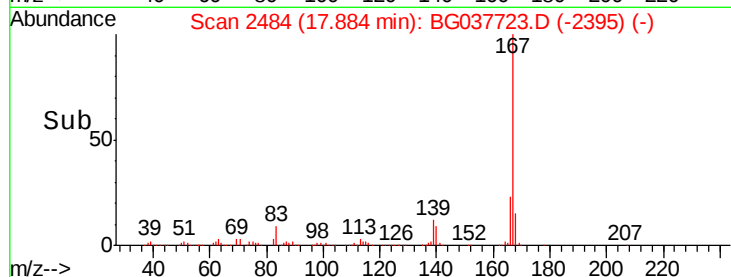
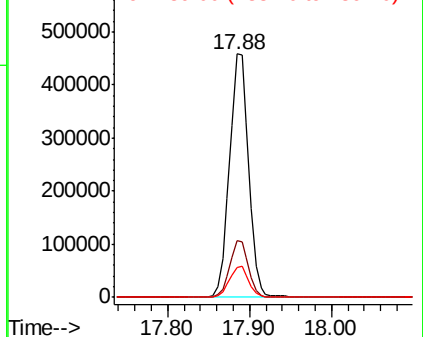
BNA_G

ClientSampleId :

Tot Ion:	167	Resp:	748171
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	12.3	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: 43.373 ng

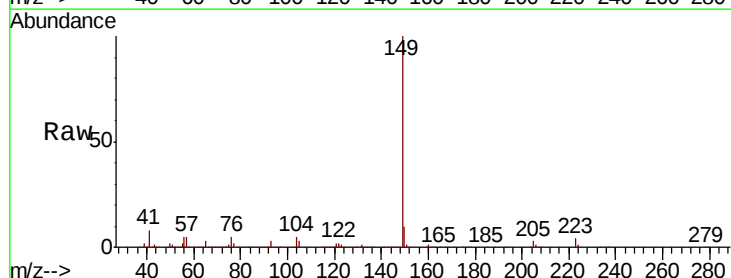
RT: 18.42 min Scan# 2575

Delta R.T. -0.01 min

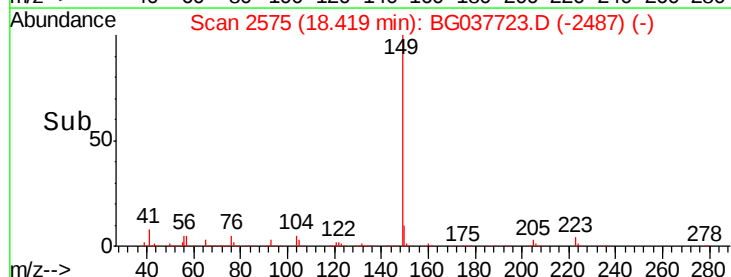
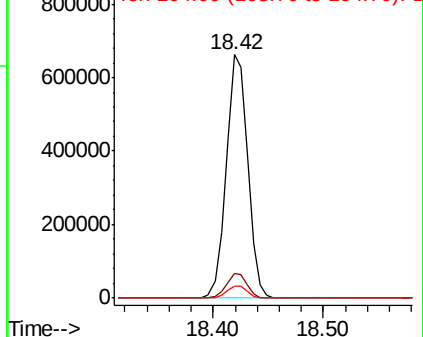
Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Tgt Ion:	149	Resp:	901169
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.1	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: 42.786 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

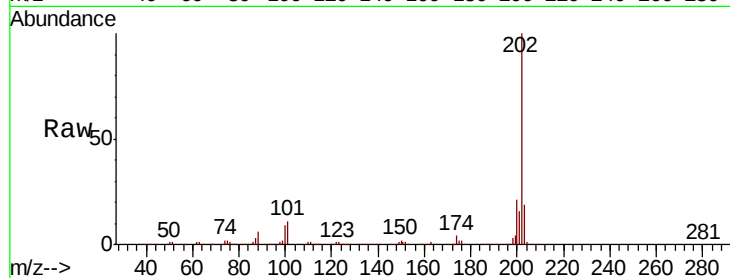
Tot Ion:202 Resp: 923318

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

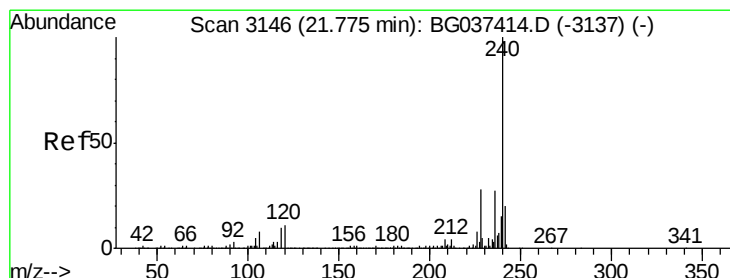
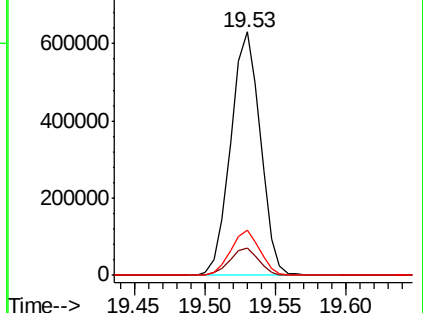
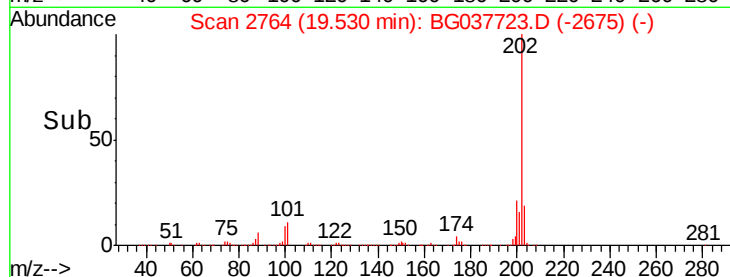
203 18.6 0.0 38.5



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: BG037723.D

Acq: 1 Nov 2018 17:52

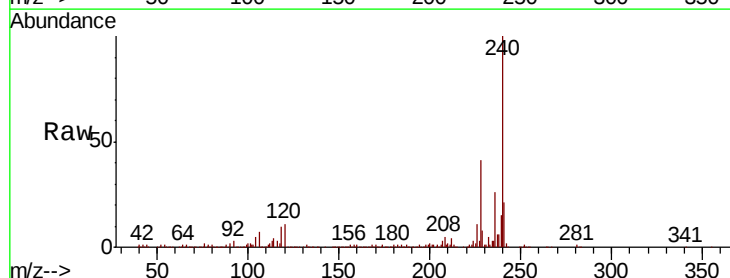
Tgt Ion:240 Resp: 328609

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

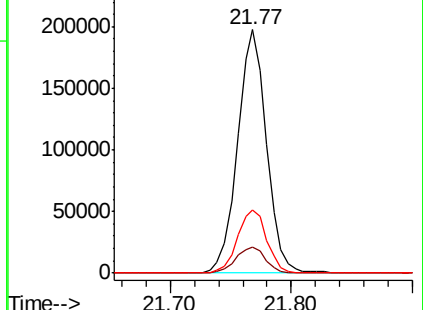
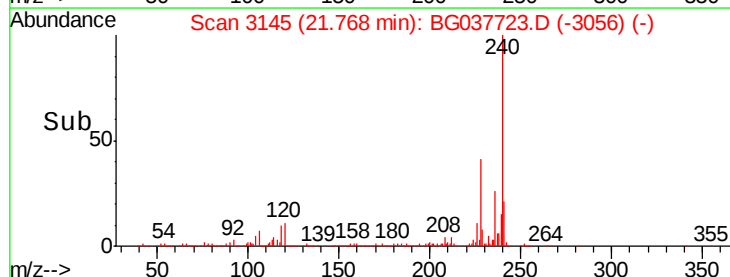
236 26.1 21.4 32.0



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: 25.650 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

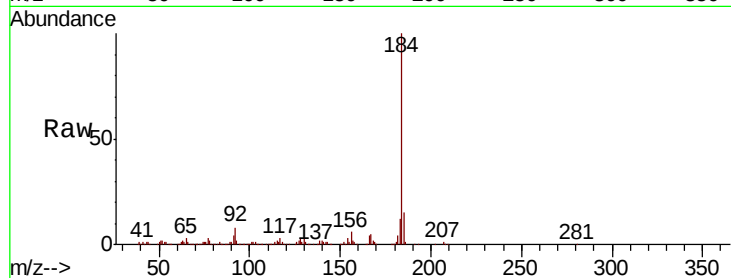
Tot Ion:184 Resp: 286603

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

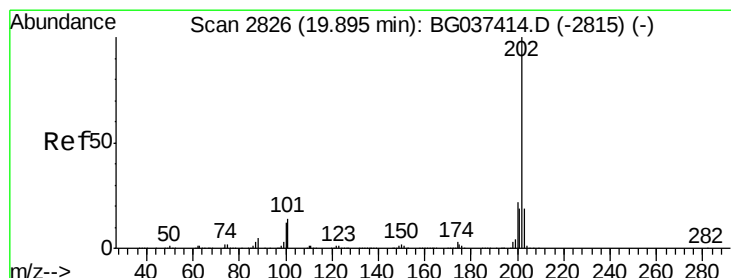
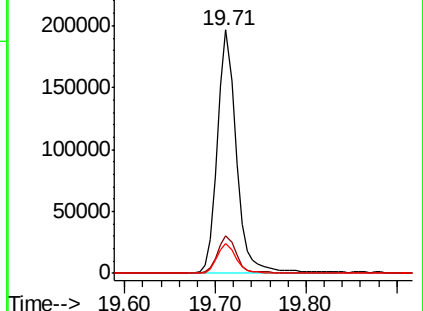
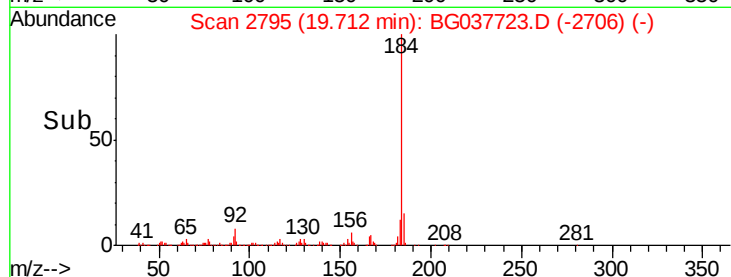
183 12.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.779 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

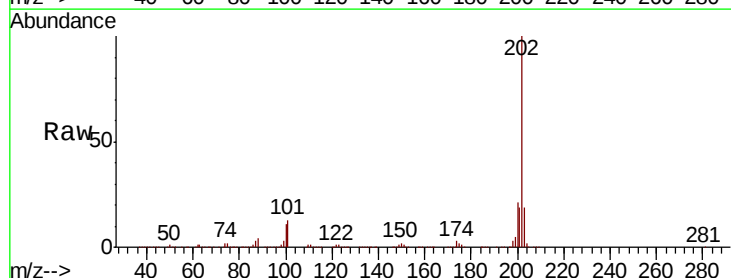
Tgt Ion:202 Resp: 918960

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

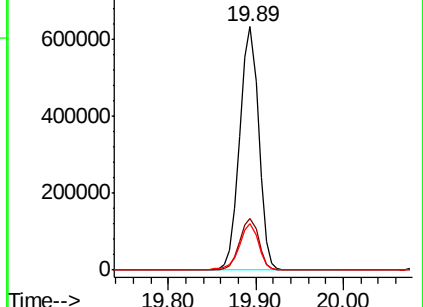
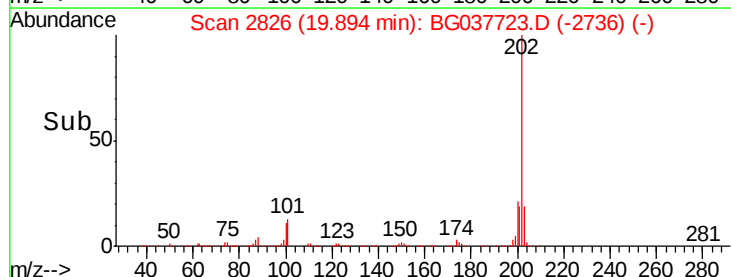
203 19.0 15.2 22.8



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: 77.996 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

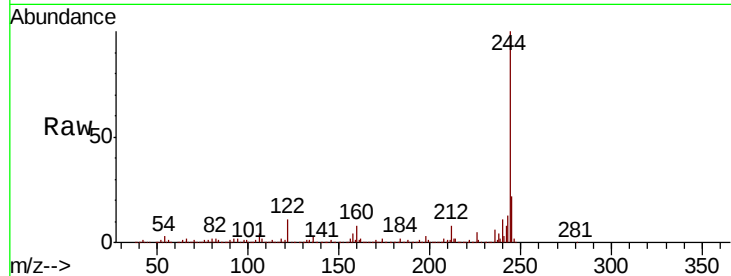
Tot Ion:244 Resp: 1199482

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

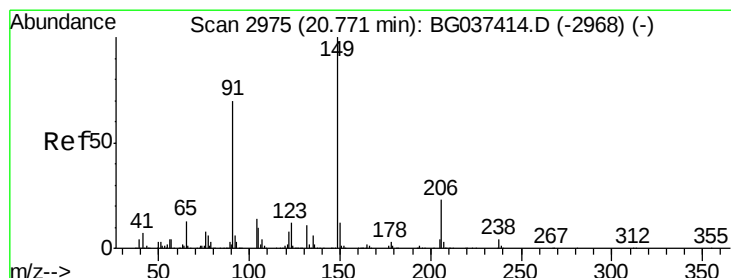
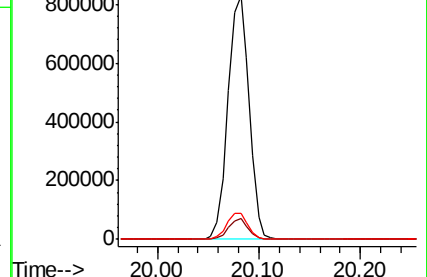
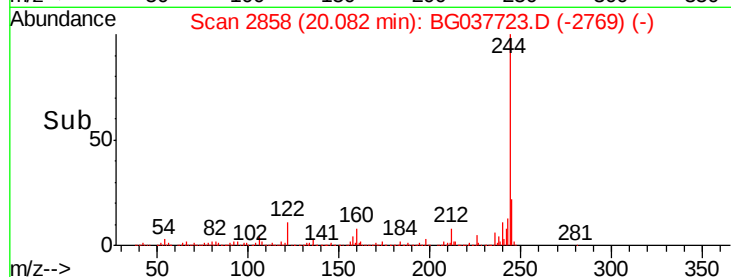
122 10.9 9.0 13.4



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: 45.774 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

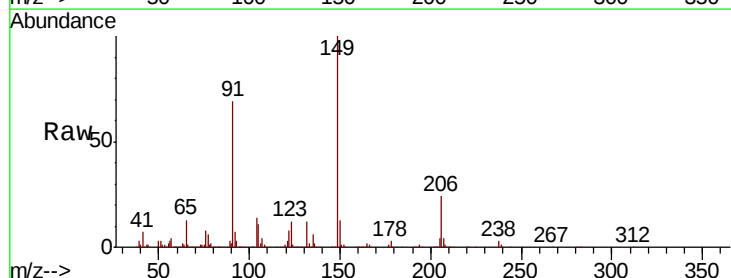
Tgt Ion:149 Resp: 402423

Ion Ratio Lower Upper

149 100

91 69.2 57.0 85.4

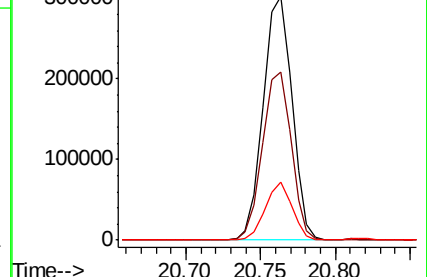
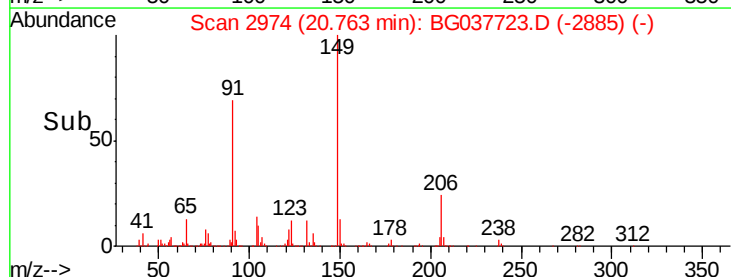
206 24.0 17.8 26.6



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: 44.106 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Instrument :

BNA_G

ClientSampleId :

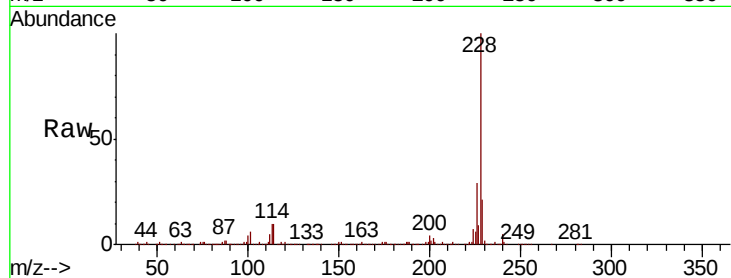
Tot Ion:228 Resp: 857279

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

229 20.6 16.3 24.5

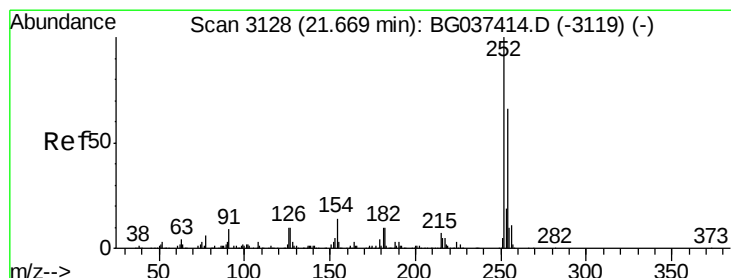
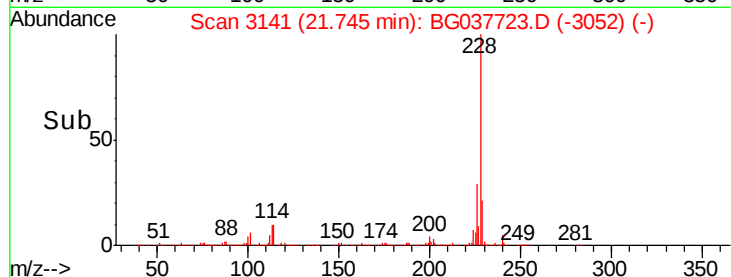
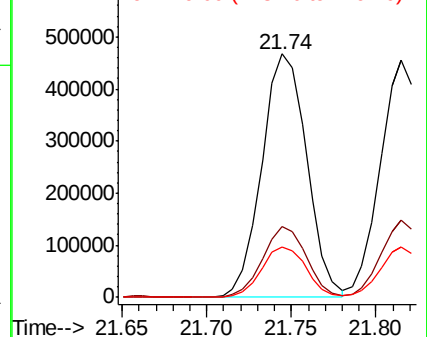


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 30.502 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

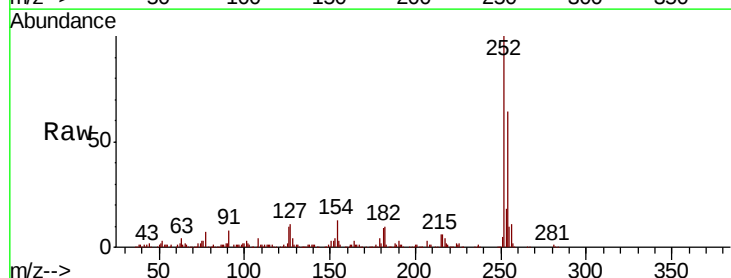
Tgt Ion:252 Resp: 229797

Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

126 9.9 8.2 12.4

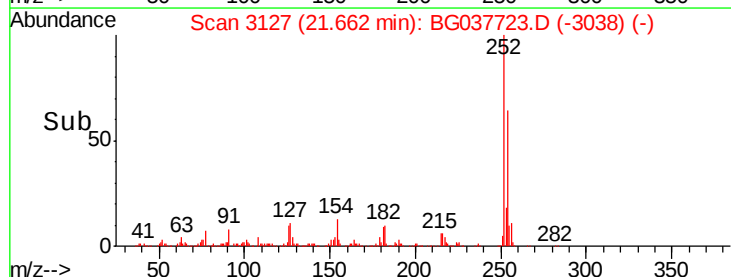
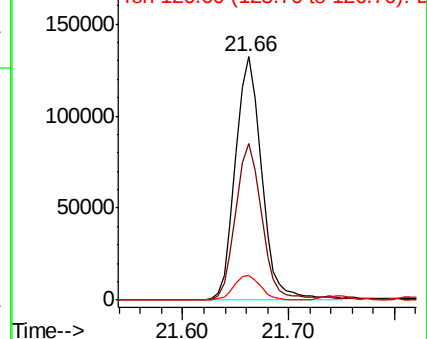


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.784 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

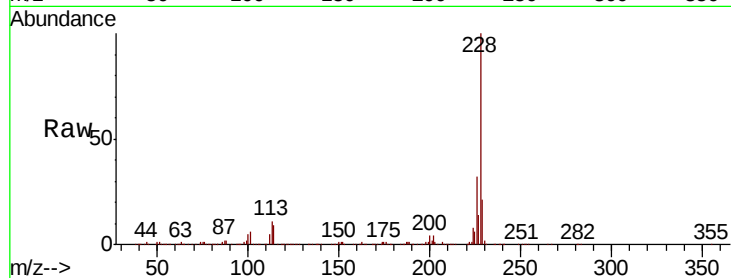
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 799625

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.7	38.5
229	21.1	16.5	24.7

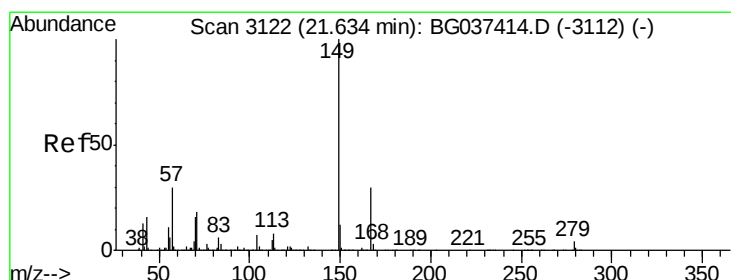
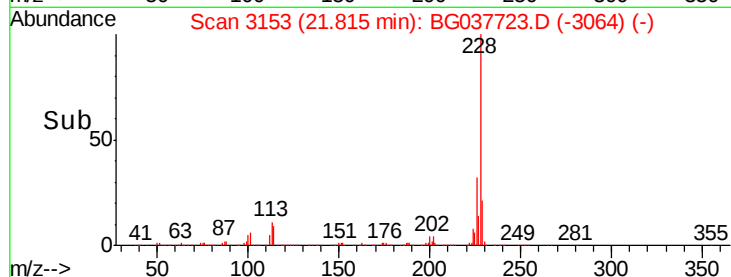
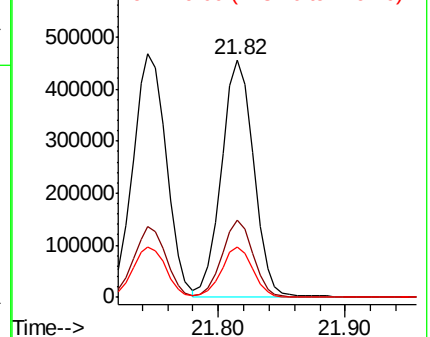


Abundance

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: 45.938 ng

RT: 21.62 min Scan# 3120

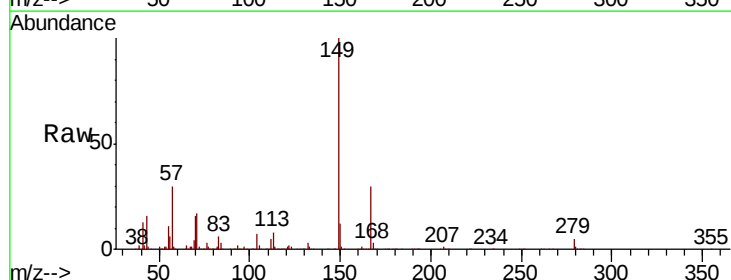
Delta R.T. -0.01 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Tgt Ion:149 Resp: 566105

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.0	34.4
279	4.5	3.6	5.4

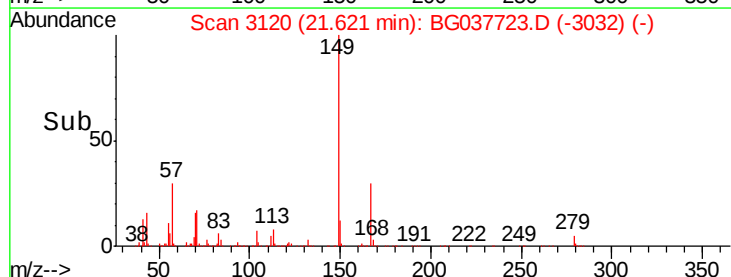
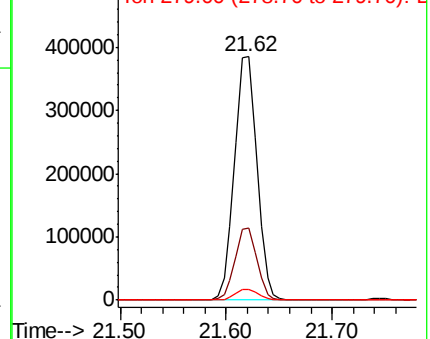


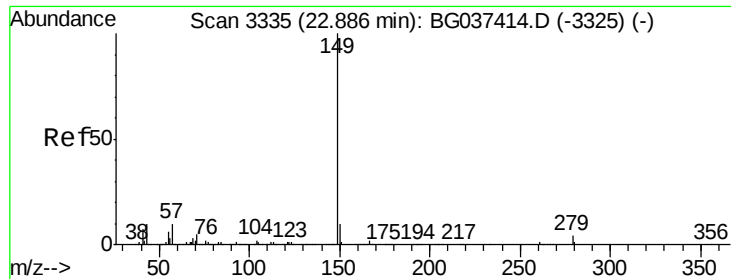
Abundance

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

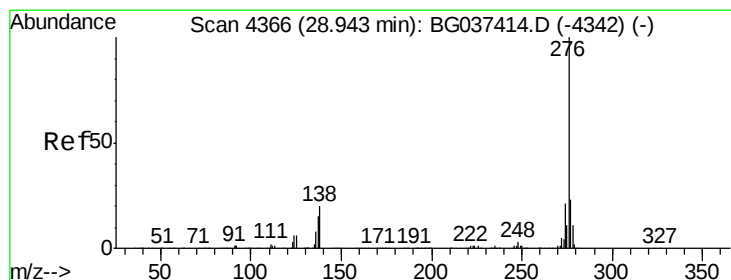
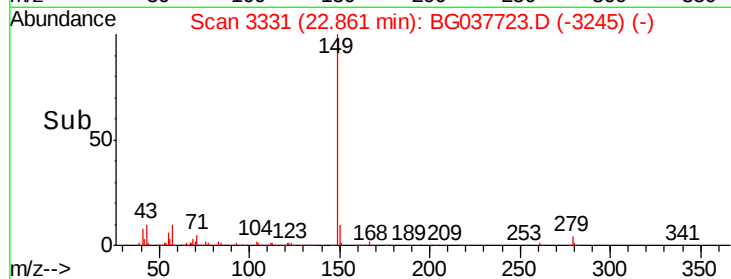
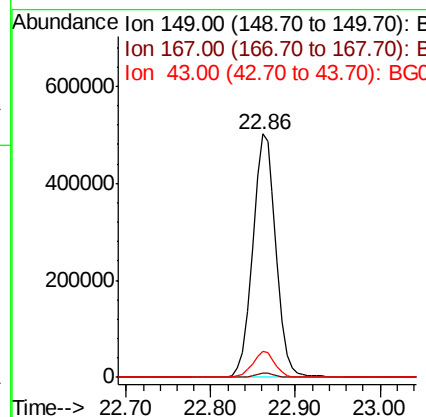
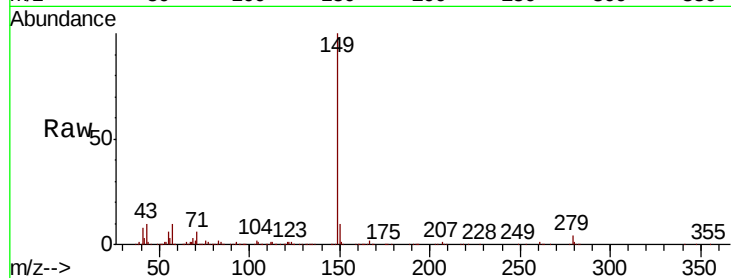




#85
Di-n-octyl phthalate
Concen: 47.597 ng
RT: 22.86 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

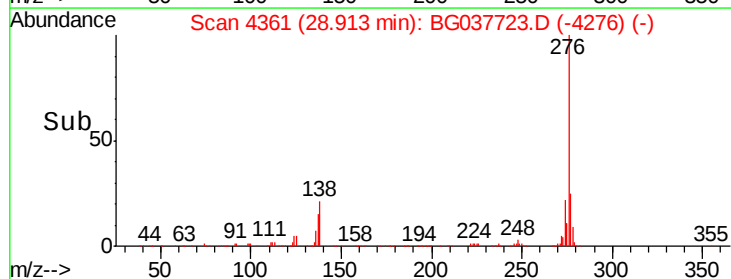
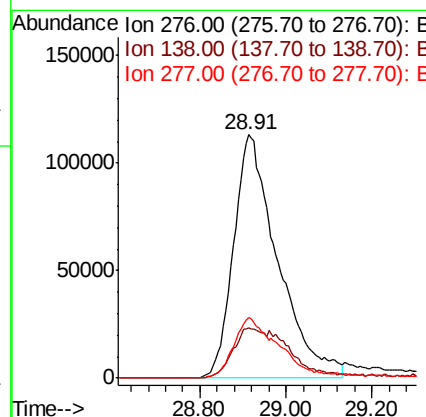
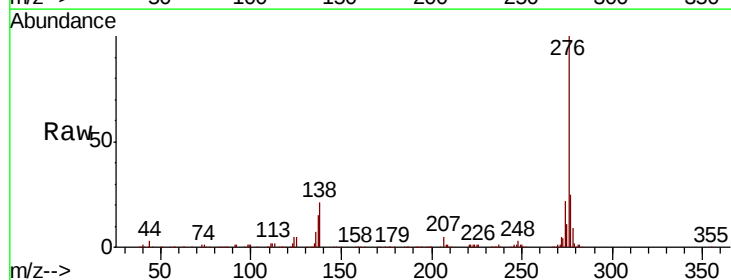
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 956471
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.0 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.303 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion:276 Resp: 807926
Ion Ratio Lower Upper
276 100
138 14.4 12.0 18.0
277 25.3 20.6 30.8



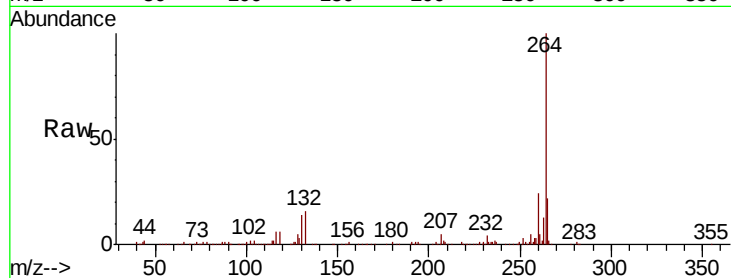


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

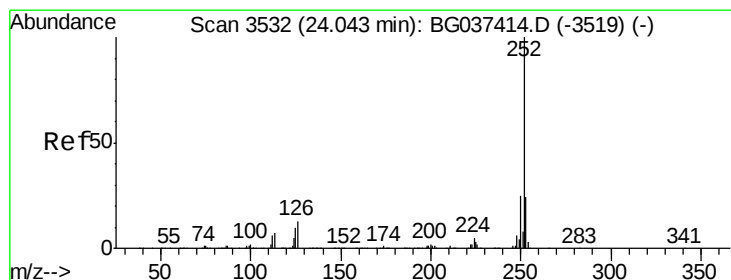
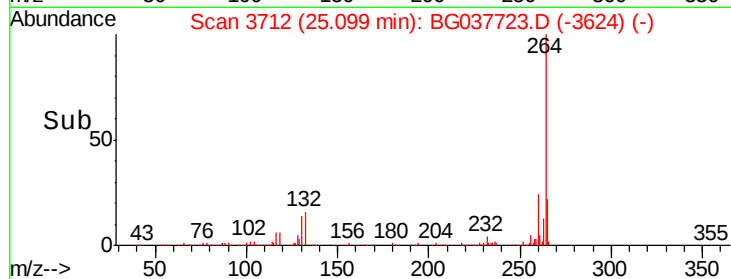
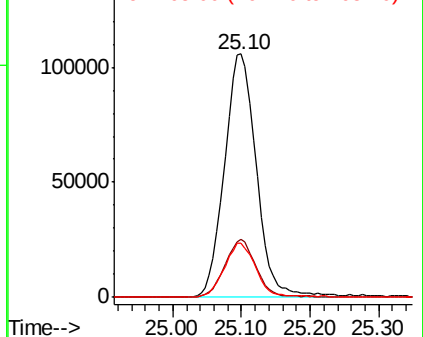
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 342311

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.3	17.9	26.9



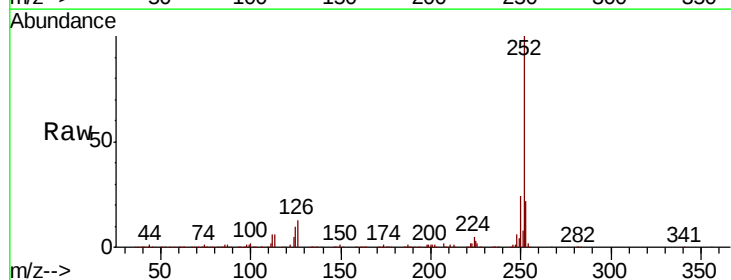
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



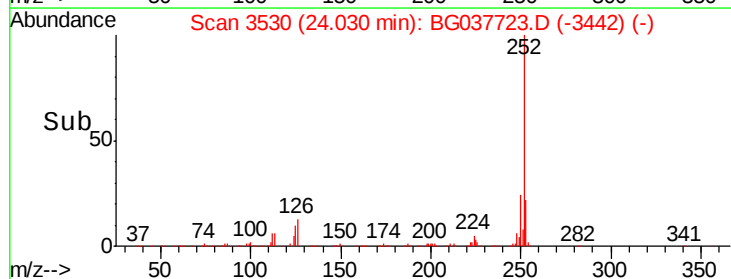
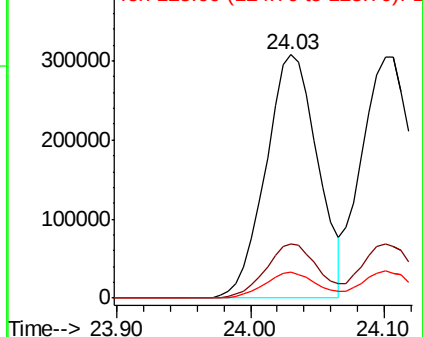
#88
Benzo(b)fluoranthene
Concen: 44.336 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

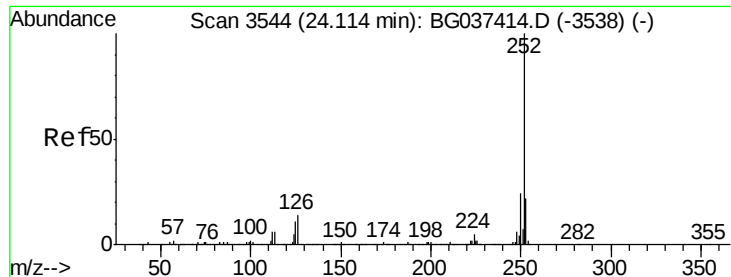
Tgt Ion:252 Resp: 832049

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.5	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

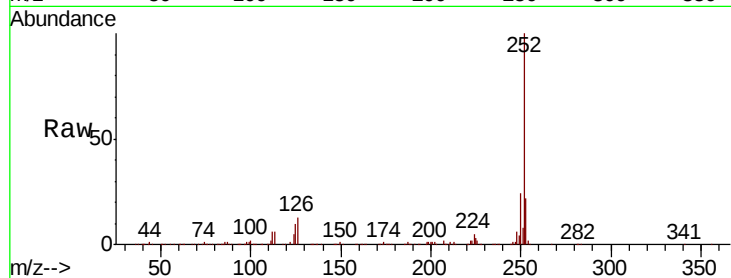




#89
Benzo(k)fluoranthene
Concen: 45.254 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.08 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.5	7.4	11.0

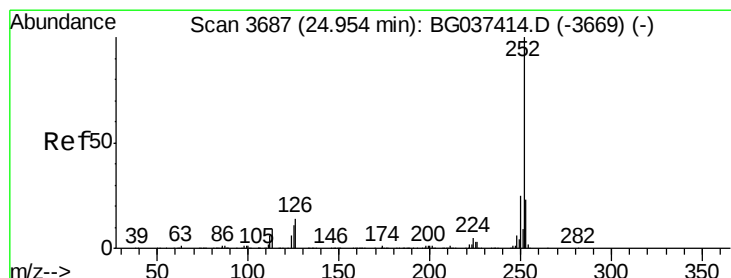
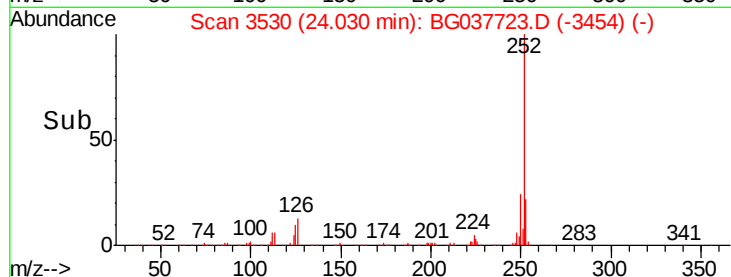
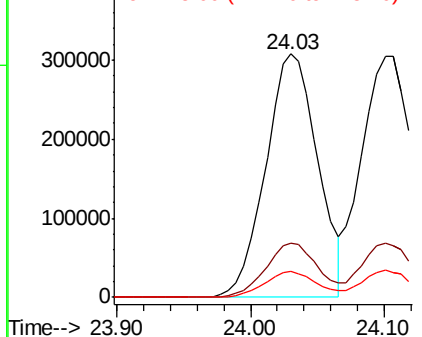


Abundance

Ion 252.00 (251.70 to 252.70): E

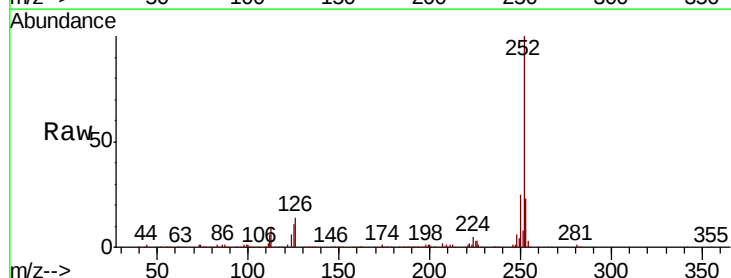
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 45.460 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037723.D
Acq: 1 Nov 2018 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.2	9.0	13.6

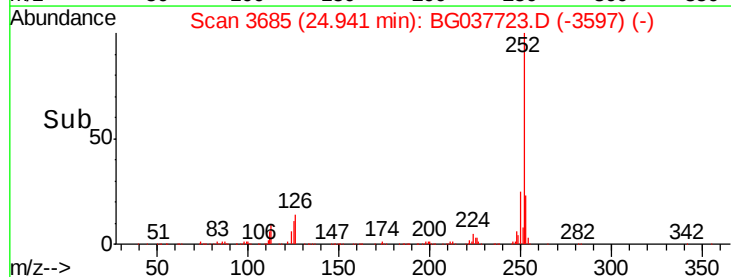
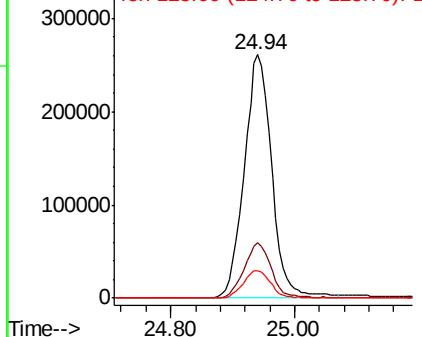


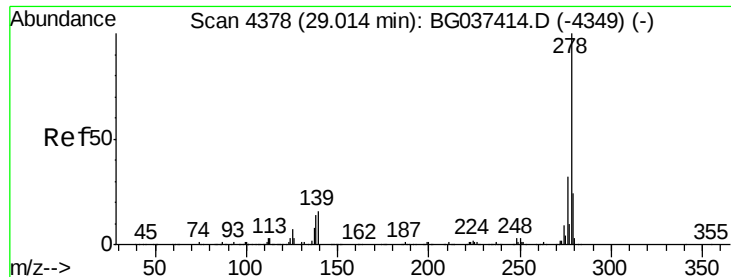
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.801 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

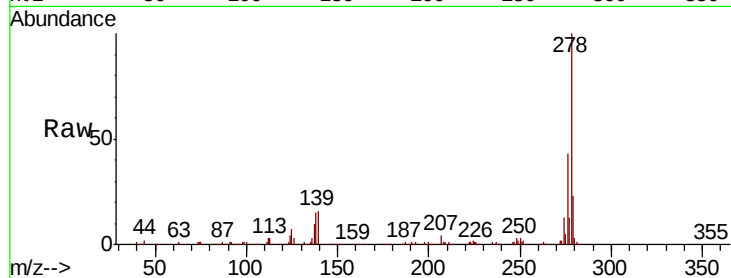
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 638257

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	23.4	18.6	27.8

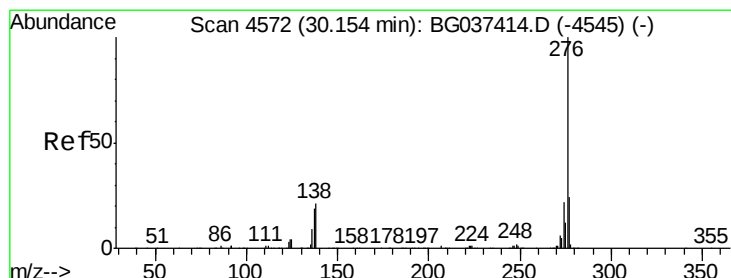
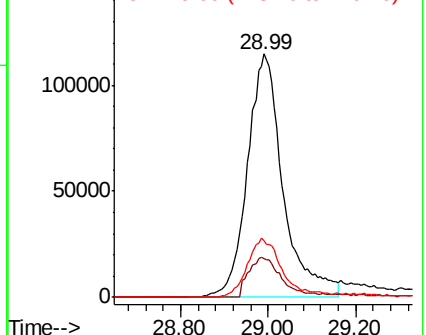
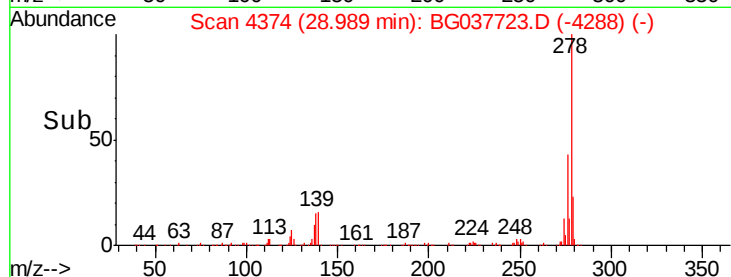


Abundance

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: 40.562 ng

RT: 30.12 min Scan# 4567

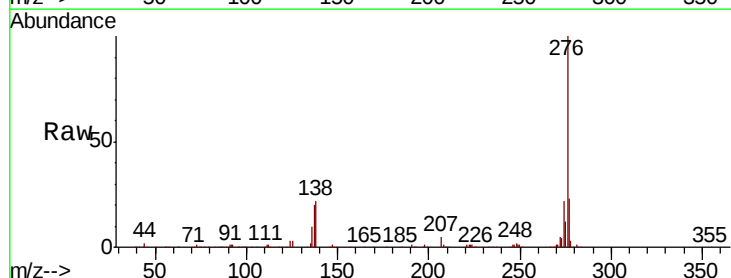
Delta R.T. -0.03 min

Lab File: BG037723.D

Acq: 1 Nov 2018 17:52

Tgt Ion:276 Resp: 675030

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	21.7	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

