

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037739.D
 Acq On : 2 Nov 2018 4:19
 Operator : JU/SJ
 Sample : J5192-06MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:15:41 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	61177	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	275756	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	179051	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	406430	20.00	ng	0.00
76) Chrysene-d12	21.77	240	357404	20.00	ng	0.00
87) Perylene-d12	25.10	264	366584	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	428778	117.18	ng	0.00
7) Phenol-d6	7.25	99	574428	103.81	ng	0.00
23) Nitrobenzene-d5	9.28	82	412739	83.85	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	260762	133.53	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	963541	81.15	ng	-0.01
79) Terphenyl-d14	20.08	244	1426415	85.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	55944	30.147	ng	# 89
3) Pyridine	3.94	79	148693	31.791	ng	94
4) n-Nitrosodimethylamine	3.86	42	79284	47.591	ng	94
6) Aniline	7.43	93	138448	20.510	ng	97
8) 2-Chlorophenol	7.66	128	214394	50.083	ng	95
9) Benzaldehyde	7.24	77	115804	33.457	ng	96
10) Phenol	7.27	94	248073	42.492	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	206755	46.629	ng	93
12) 1,3-Dichlorobenzene	7.99	146	215795	45.281	ng	99
13) 1,4-Dichlorobenzene	8.14	146	218219	44.765	ng	99
14) 1,2-Dichlorobenzene	8.46	146	215362	45.926	ng	99
15) Benzyl Alcohol	8.34	79	196342	48.023	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	371322	46.802	ng	97
17) 2-Methylphenol	8.53	107	191860	49.709	ng	98
18) Hexachloroethane	9.18	117	78390	47.169	ng	87
19) n-Nitroso-di-n-propylamine	8.91	70	175195	45.980	ng	94
20) 3+4-Methylphenols	8.87	107	265060	48.033	ng	98
22) Acetophenone	8.93	105	334593	48.381	ng	# 98
24) Nitrobenzene	9.32	77	258708	50.590	ng	97
25) Isophorone	9.84	82	506601	56.325	ng	97
26) 2-Nitrophenol	10.03	139	126009	54.698	ng	96
27) 2,4-Dimethylphenol	10.07	122	233526	56.774	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	299954	50.901	ng	96
29) 2,4-Dichlorophenol	10.56	162	239787	52.358	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	241468	48.484	ng	99
31) Naphthalene	10.97	128	722512	53.344	ng	98
32) Benzoic acid	10.21	122	132505	49.598	ng	96
33) 4-Chloroaniline	11.09	127	25666	4.033	ng	# 90
34) Hexachlorobutadiene	11.23	225	143168	48.503	ng	98
35) Caprolactam	11.87	113	41987	22.859	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	258268	50.005	ng	99
37) 2-Methylnaphthalene	12.57	142	548316	55.535	ng	99
38) 1-Methylnaphthalene	12.79	142	523499	54.597	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	288047	49.875	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	352381	127.732	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	204707	53.055	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	219832	52.329	nq	96
46) 1,1'-Biphenyl	13.57	154	705808	47.598	nq	98
47) 2-Chloronaphthalene	13.62	162	561363	50.039	nq	98
48) 2-Nitroaniline	13.83	65	183804	54.028	nq	91
49) Acenaphthylene	14.46	152	908894	53.859	nq	99
50) Dimethylphthalate	14.18	163	713740	51.527	nq	99
51) 2,6-Dinitrotoluene	14.31	165	163399	53.324	nq	95
52) Acenaphthene	14.80	154	541894	52.140	nq	99
53) 3-Nitroaniline	14.65	138	62088	18.252	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	138855	92.561	nq	92
55) Dibenzofuran	15.13	168	853365	49.558	nq	98
56) 4-Nitrophenol	14.94	139	310047	123.133	nq	99
57) 2,4-Dinitrotoluene	15.10	165	230850	57.391	nq	94
58) Fluorene	15.78	166	688695	53.408	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.35	232	190854	53.061	nq	99
60) Diethylphthalate	15.54	149	726070	51.057	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	369044	49.101	nq	99
62) 4-Nitroaniline	15.81	138	165294	48.900	nq	93
63) Azobenzene	16.06	77	682614	50.309	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	112858	52.045	nq	97
66) n-Nitrosodiphenylamine	15.99	169	629513	51.492	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	228694	51.239	nq	97
68) Hexachlorobenzene	16.78	284	232573	50.278	nq	97
69) Atrazine	16.93	200	188388	42.620	nq	100
70) Pentachlorophenol	17.12	266	275014	88.757	nq	97
71) Phenanthrene	17.53	178	1111943	53.831	nq	98
72) Anthracene	17.62	178	1117460	55.126	nq	97
73) Carbazole	17.89	167	1013907	50.003	nq	98
74) Di-n-butylphthalate	18.42	149	1201682	53.274	nq	99
75) Fluoranthene	19.53	202	1267228	54.091	nq	97
77) Benzidine	19.72	184	60824	5.005	nq	98
78) Pyrene	19.90	202	1259651	53.914	nq	98
80) Butylbenzylphthalate	20.76	149	559615	58.525	nq	100
81) Benzo(a)anthracene	21.75	228	1180970	55.864	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	153175	18.693	nq	99
83) Chrysene	21.82	228	1124755	55.331	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	780601	58.240	nq	97
85) Di-n-octyl phthalate	22.87	149	1304469	59.685	nq	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1084465	49.740	nq	99
88) Benzo(b)fluoranthene	24.04	252	1147416	57.092	nq	99
89) Benzo(k)fluoranthene	24.11	252	1145290	58.166	nq	97
90) Benzo(a)pyrene	24.95	252	1130818	59.214	nq	98
91) Dibenzo(a,h)anthracene	29.00	278	850108	48.258	nq	97
92) Benzo(g,h,i)perylene	30.13	276	850639	47.730	nq	99

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

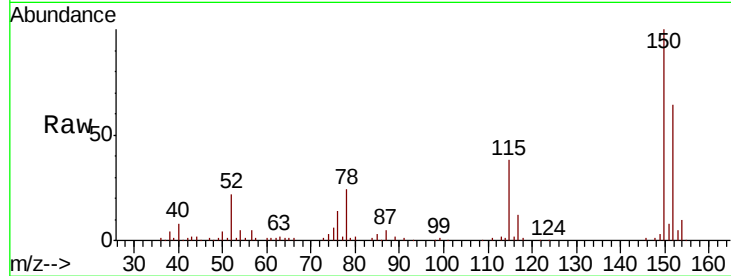


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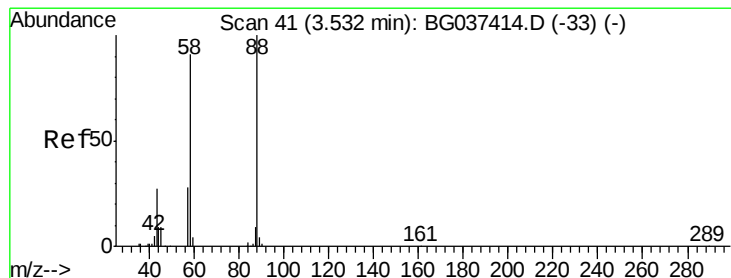
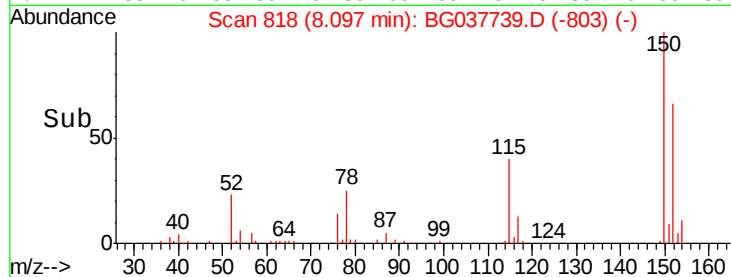
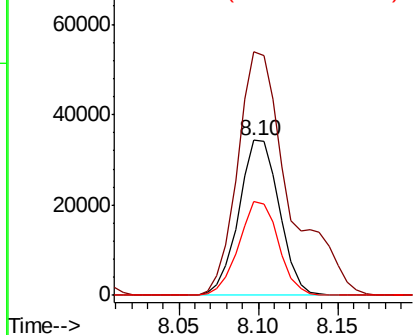
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61177
Ion Ratio Lower Upper
152 100
150 157.1 126.0 189.0
115 60.3 45.5 68.3



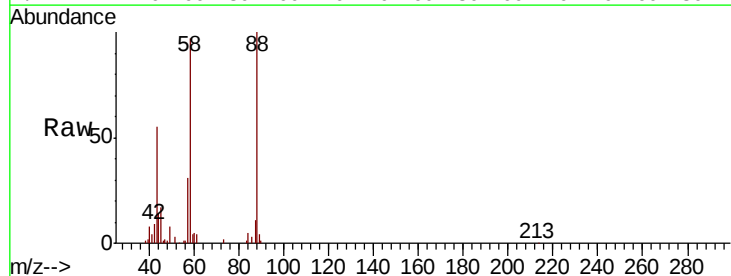
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



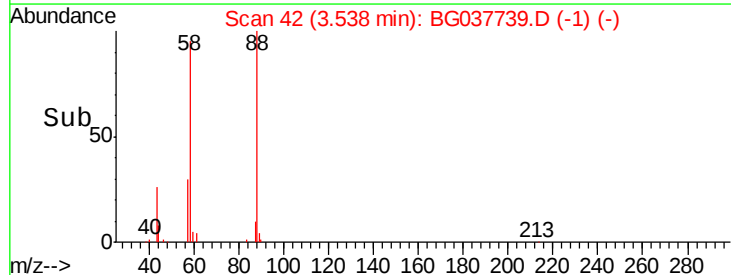
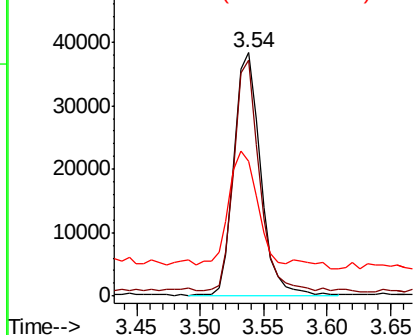
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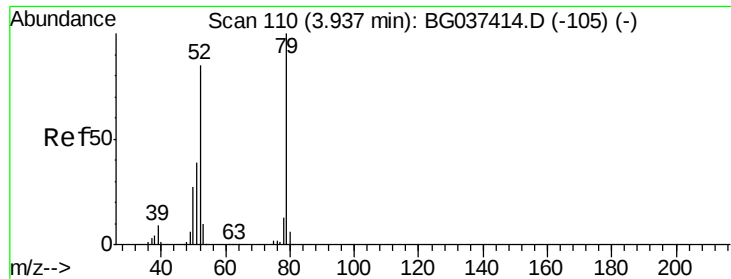
1,4-Dioxane
Concen: 30.147 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion: 88 Resp: 55944
Ion Ratio Lower Upper
88 100
58 89.2 74.4 111.6
43 48.9 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: 31.791 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampled :

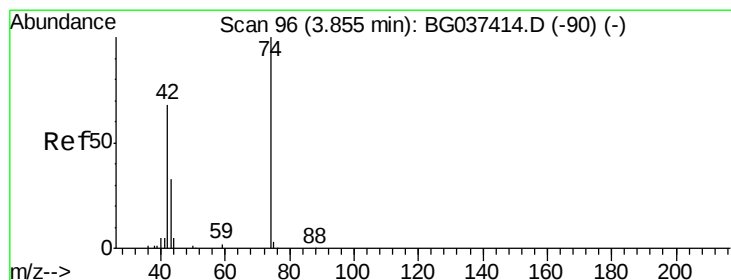
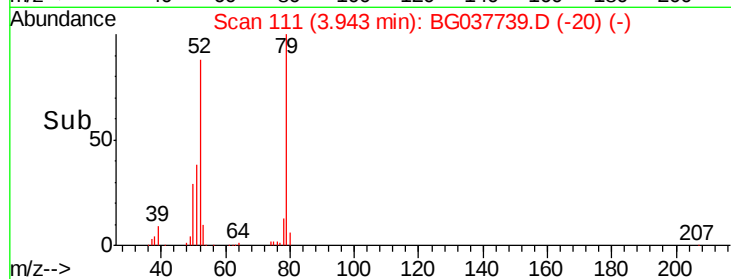
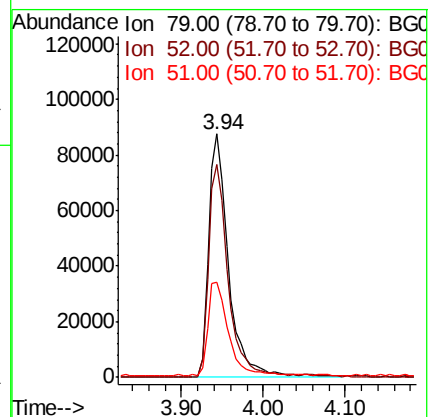
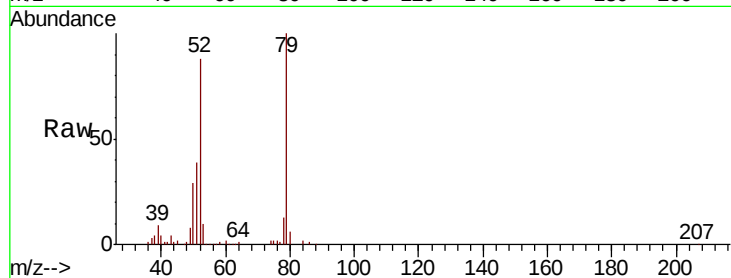
Tot Ion: 79 Resp: 148693

Ion Ratio Lower Upper

79 100

52 87.6 74.2 111.2

51 39.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 47.591 ng

RT: 3.86 min Scan# 96

Delta R.T. 0.00 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

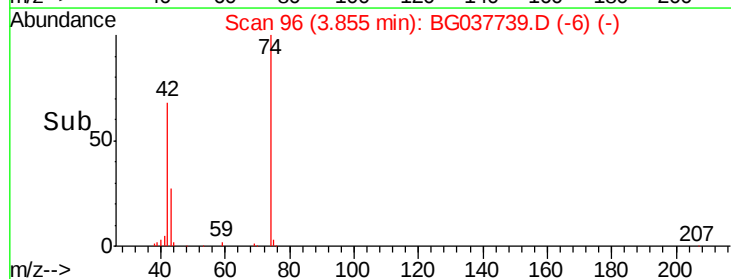
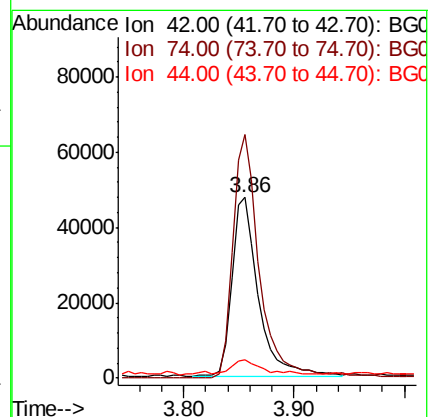
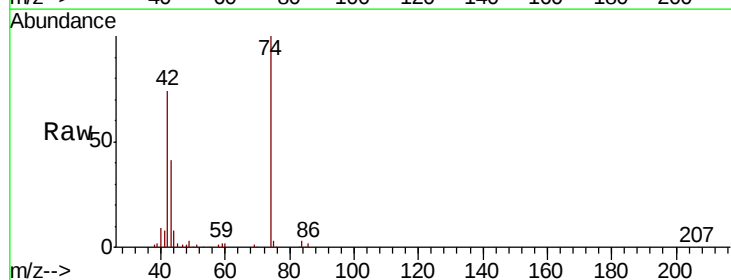
Tgt Ion: 42 Resp: 79284

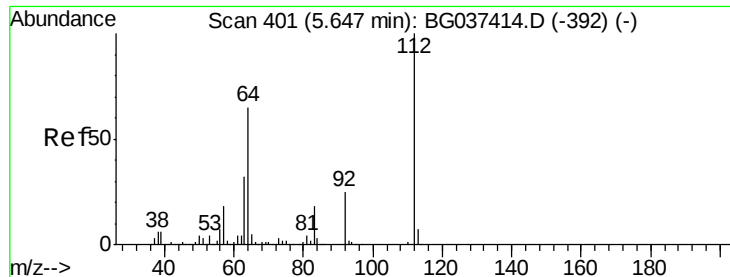
Ion Ratio Lower Upper

42 100

74 135.0 102.0 153.0

44 10.3 9.6 14.4





#5

2-Fluorophenol

Concen: 117.177 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

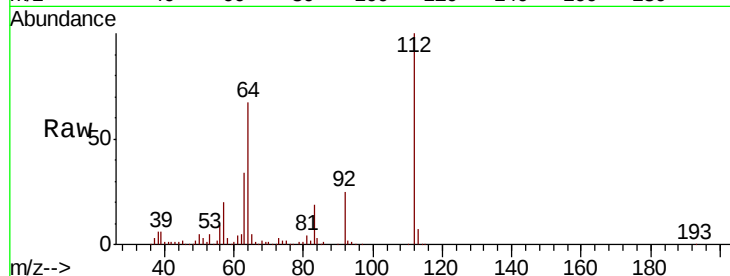
Tot Ion:112 Resp: 428778

Ion Ratio Lower Upper

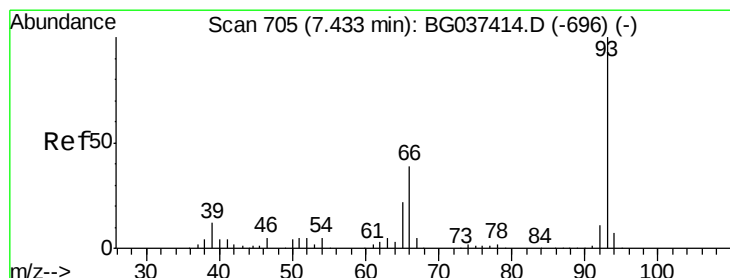
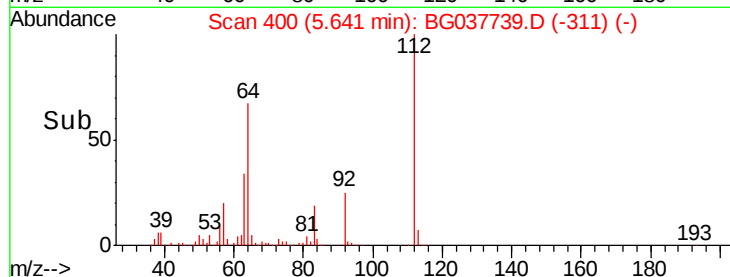
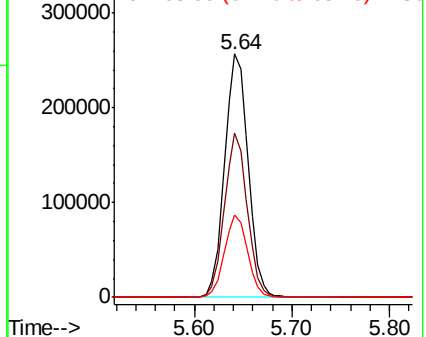
112 100

64 67.4 53.1 79.7

63 33.6 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: 20.510 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

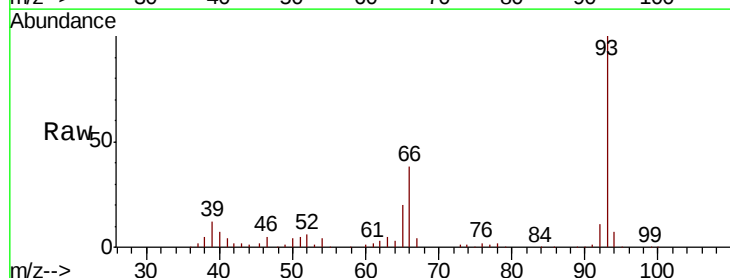
Tgt Ion: 93 Resp: 138448

Ion Ratio Lower Upper

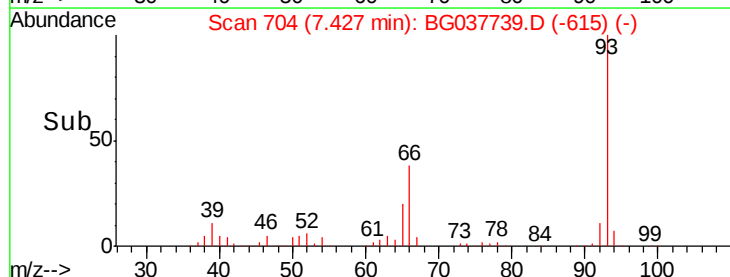
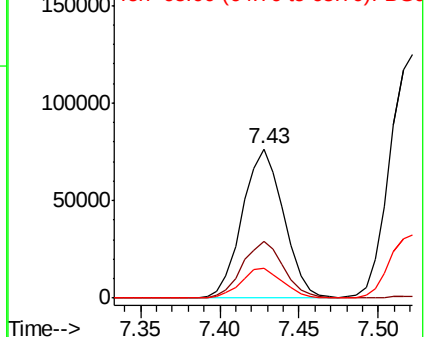
93 100

66 38.2 32.8 49.2

65 19.8 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: 103.814 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

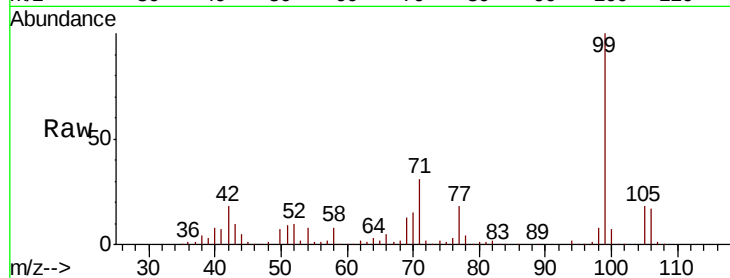
Tot Ion: 99 Resp: 574428

Ion Ratio Lower Upper

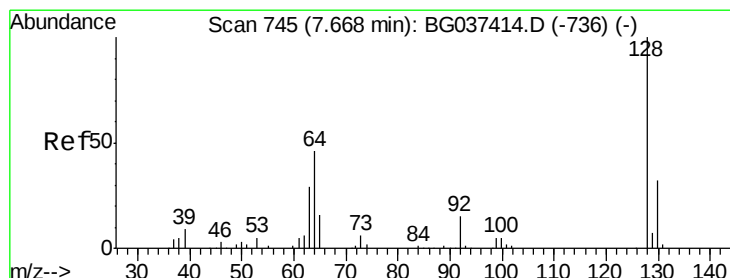
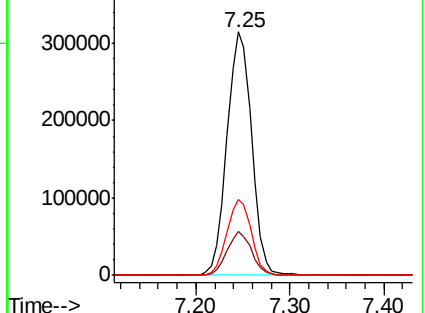
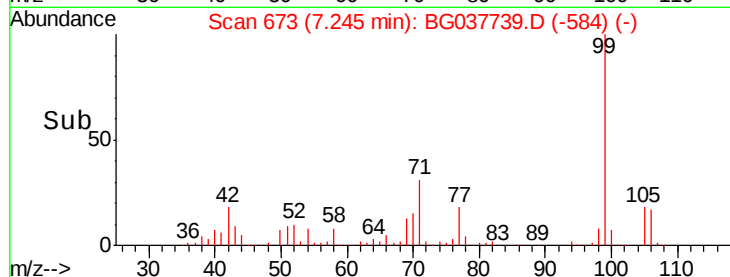
99 100

42 18.3 15.0 22.4

71 31.0 25.5 38.3



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



#8

2-Chlorophenol

Concen: 50.083 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

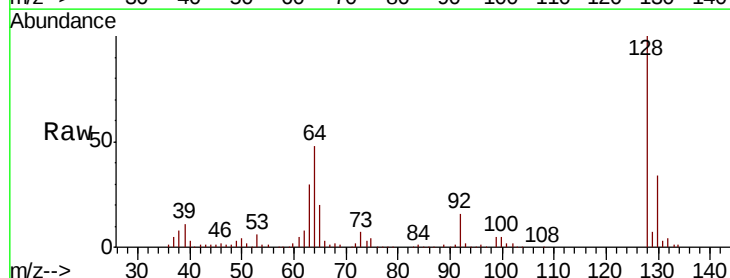
Tgt Ion: 128 Resp: 214394

Ion Ratio Lower Upper

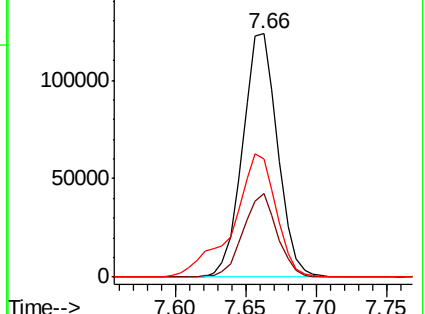
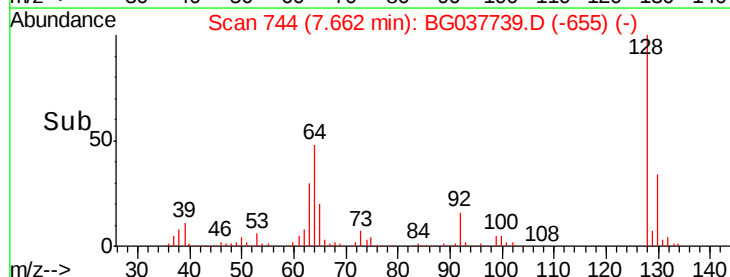
128 100

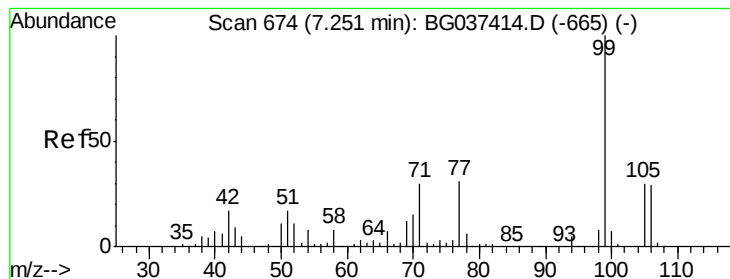
130 34.2 12.0 52.0

64 48.5 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: 33.457 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

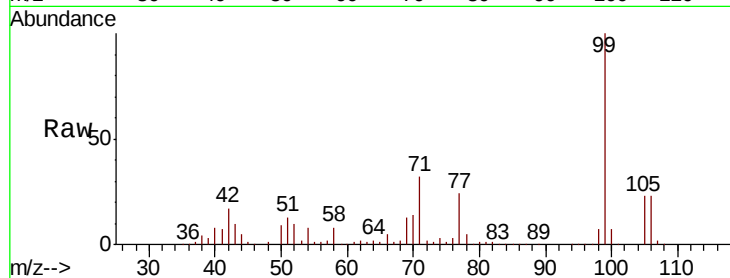
Tot Ion: 77 Resp: 115804

Ion Ratio Lower Upper

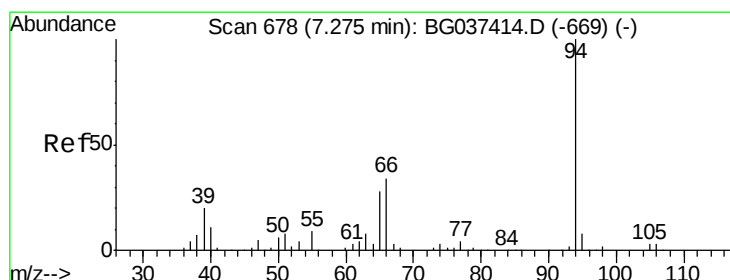
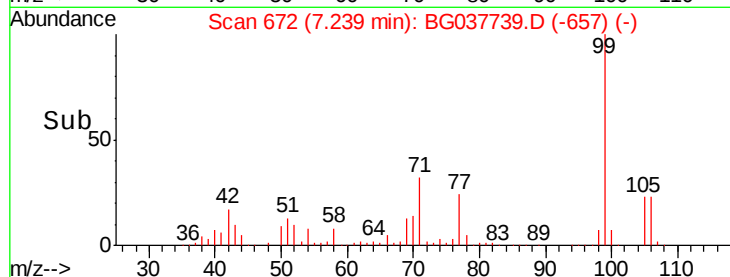
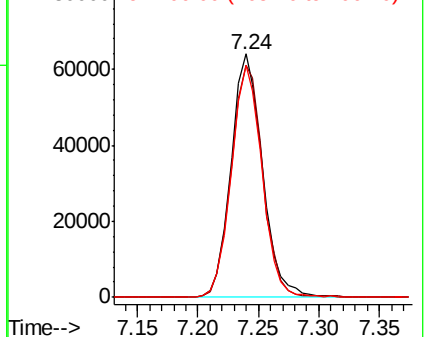
77 100

105 95.2 72.6 112.6

106 95.5 71.3 111.3



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



#10

Phenol

Concen: 42.492 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

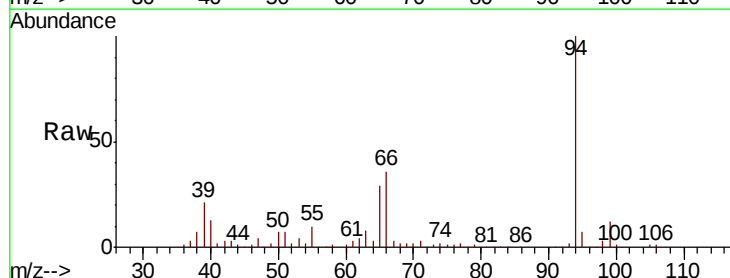
Tgt Ion: 94 Resp: 248073

Ion Ratio Lower Upper

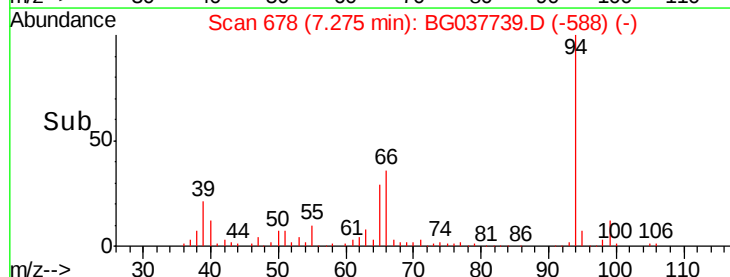
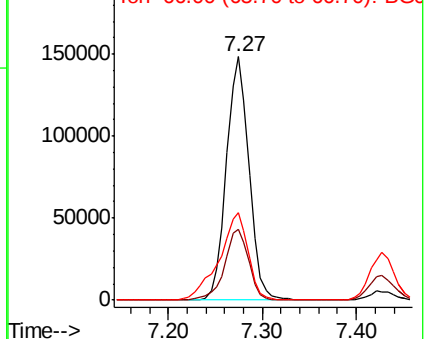
94 100

65 29.1 9.7 49.7

66 36.1 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

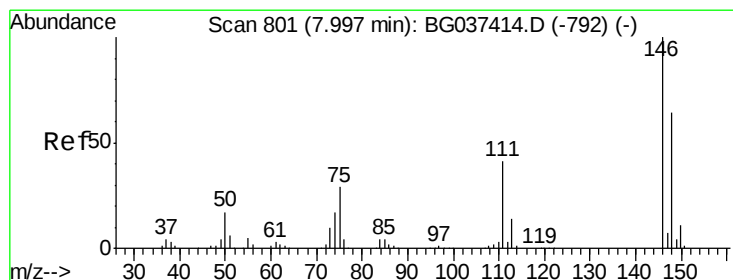
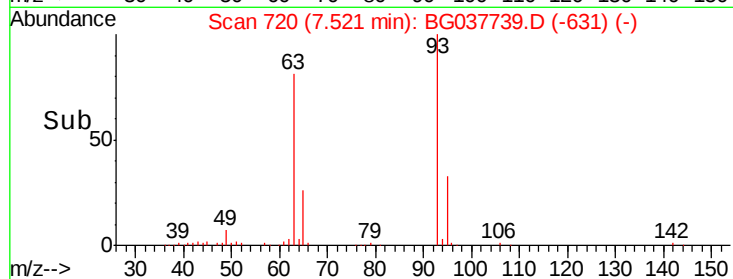
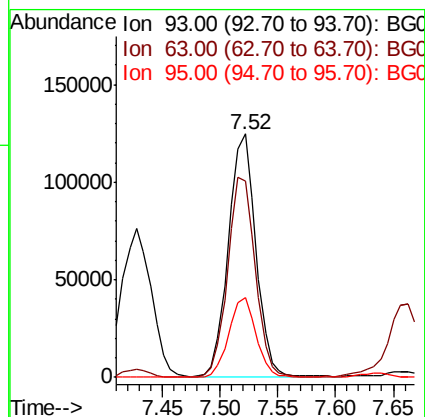
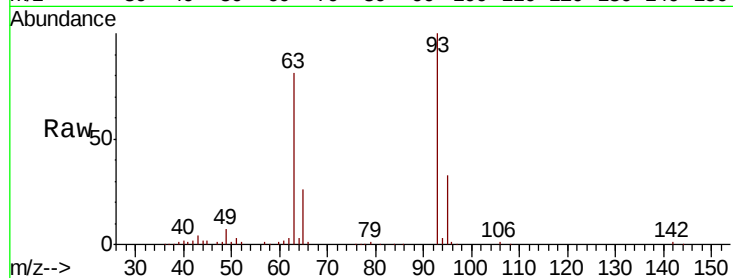




#11
bis(2-Chloroethyl)ether
Concen: 46.629 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

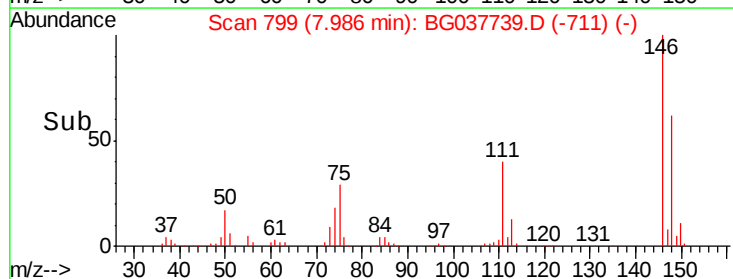
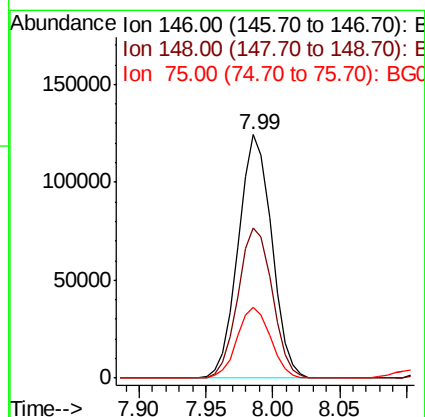
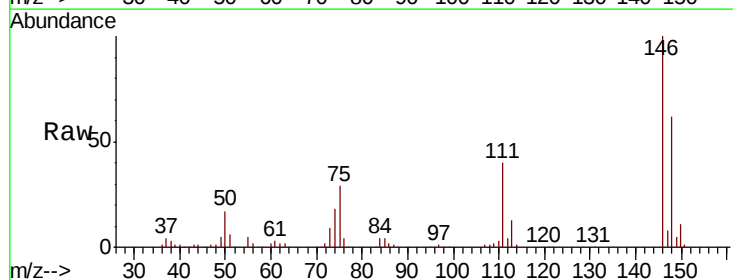
Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	Resp	206755
Ion Ratio	Lower	Upper	
93	100		
63	80.8	69.5	109.5
95	32.5	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 45.281 ng
RT: 7.99 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion	146	Resp	215795
Ion Ratio	Lower	Upper	
146	100		
148	61.9	49.8	74.8
75	29.3	23.2	34.8

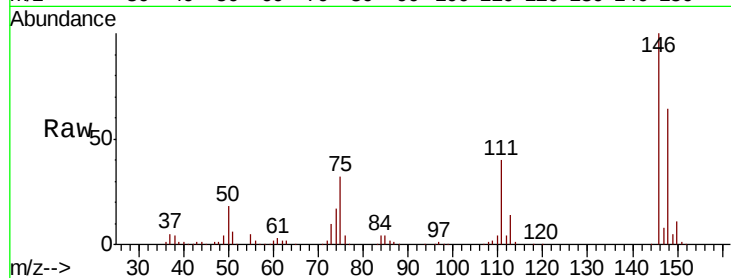




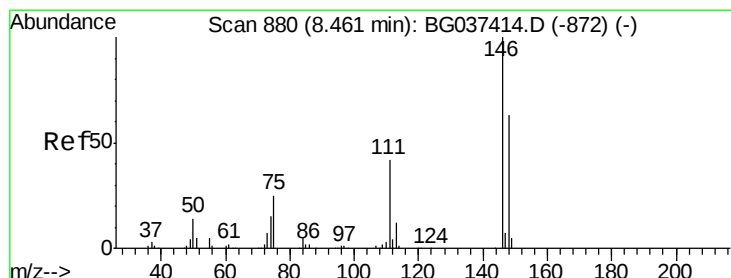
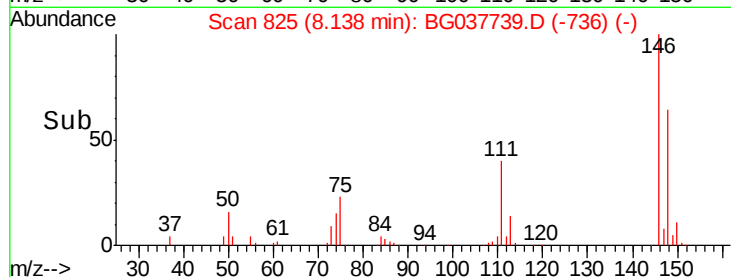
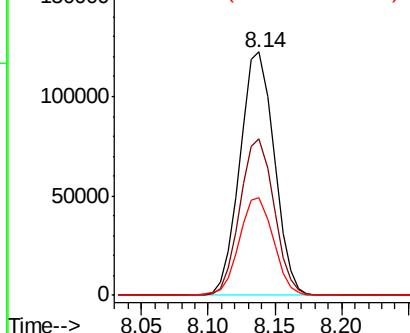
#13
 1,4-Dichlorobenzene
 Concen: 44.765 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 218219
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 40.3 32.4 48.6

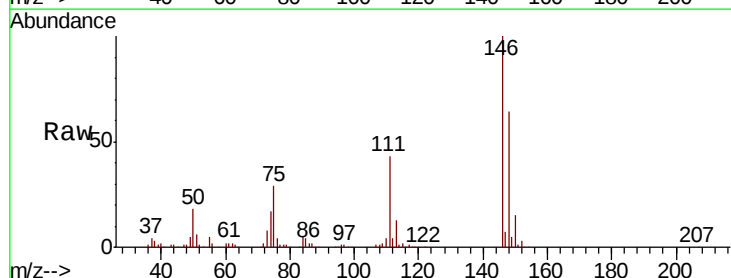


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

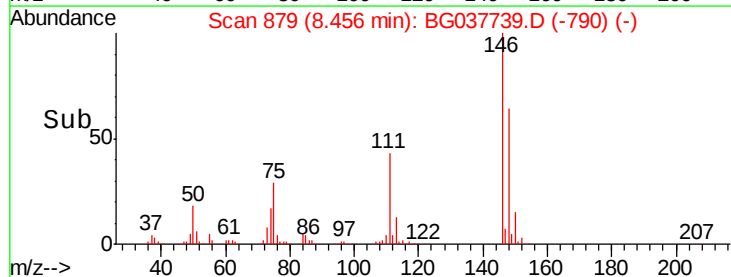
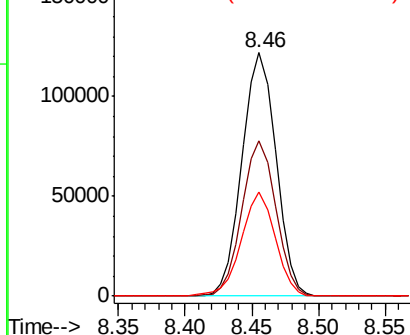


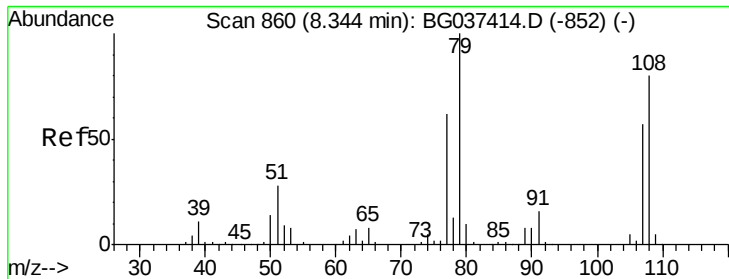
#14
 1,2-Dichlorobenzene
 Concen: 45.926 ng
 RT: 8.46 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion:146 Resp: 215362
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 42.9 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: 48.023 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

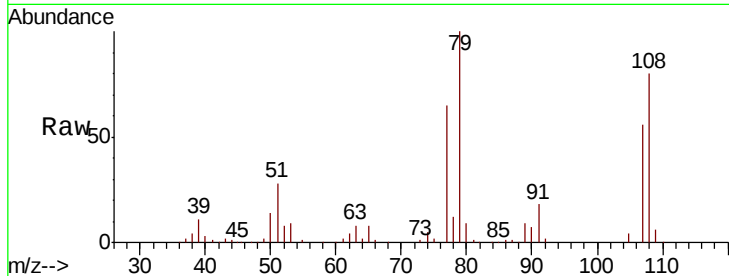
Tot Ion: 79 Resp: 196342

Ion Ratio Lower Upper

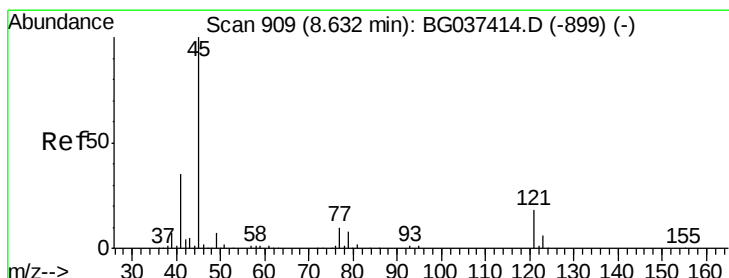
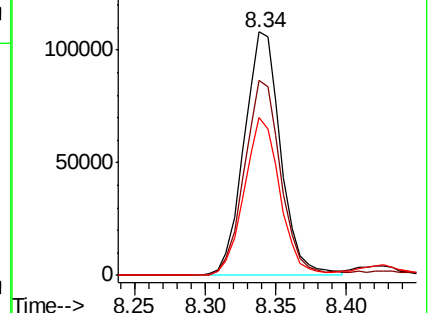
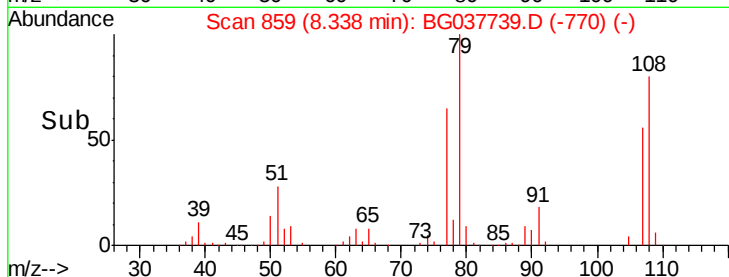
79 100

108 80.1 65.8 98.8

77 64.9 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.802 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

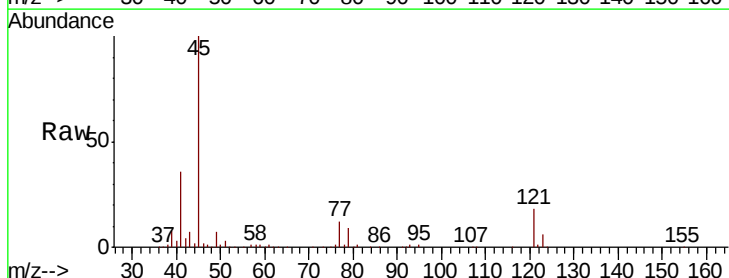
Tgt Ion: 45 Resp: 371322

Ion Ratio Lower Upper

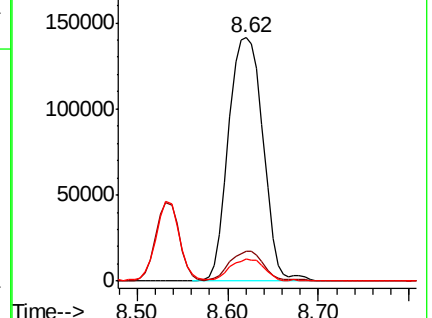
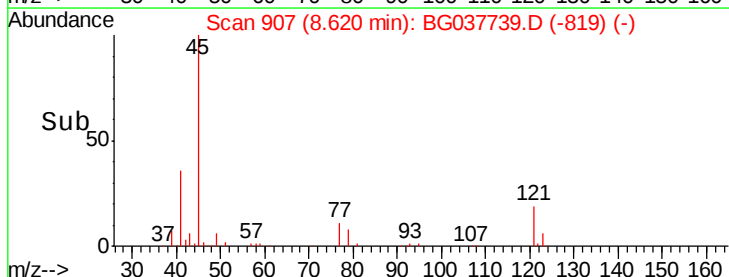
45 100

77 12.4 0.0 30.0

79 9.1 0.0 29.0



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

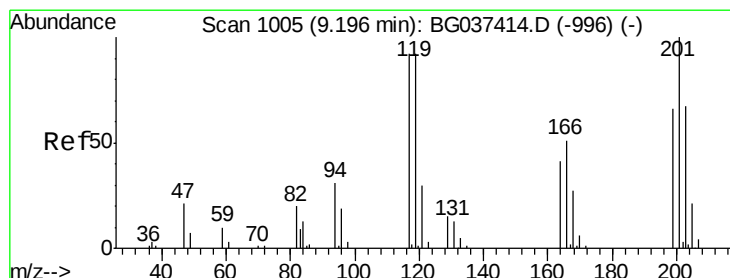
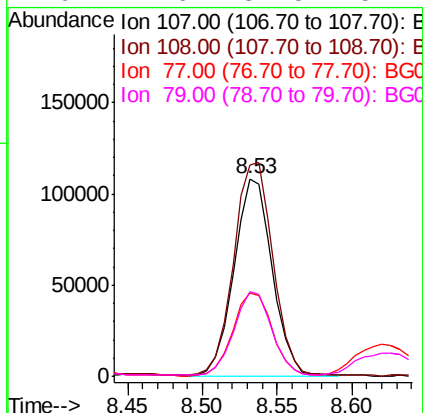
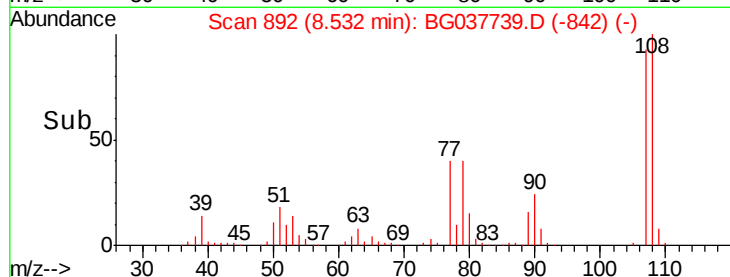
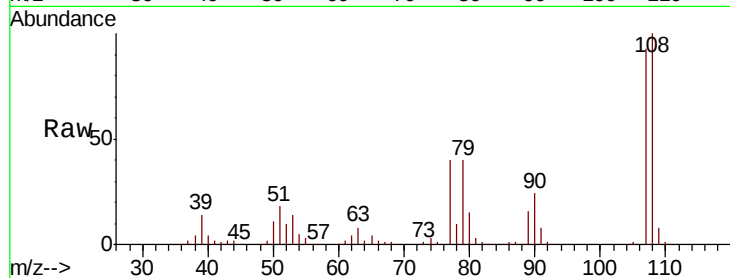




#17
2-Methylphenol
Concen: 49.709 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

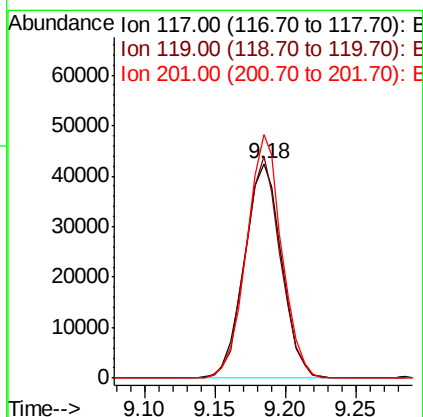
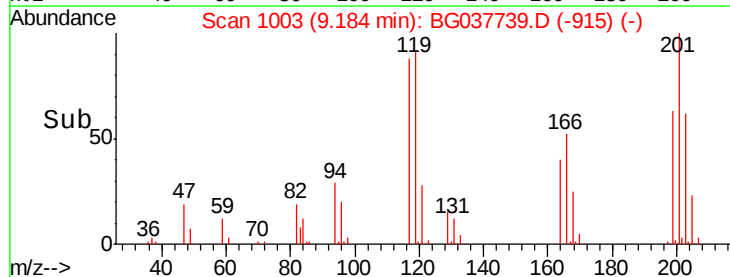
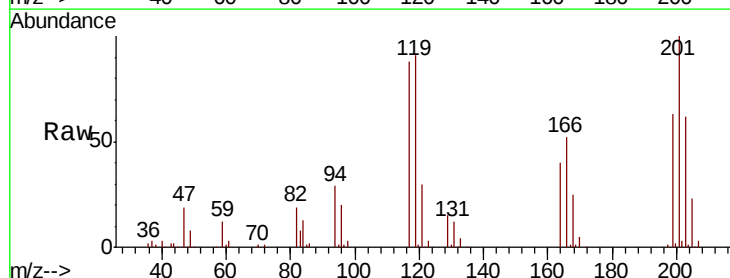
Instrument :
BNA_G
ClientSampleId :

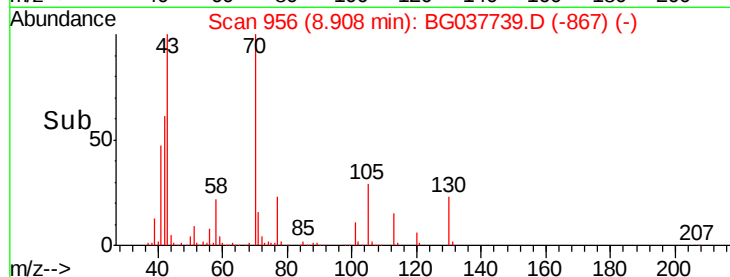
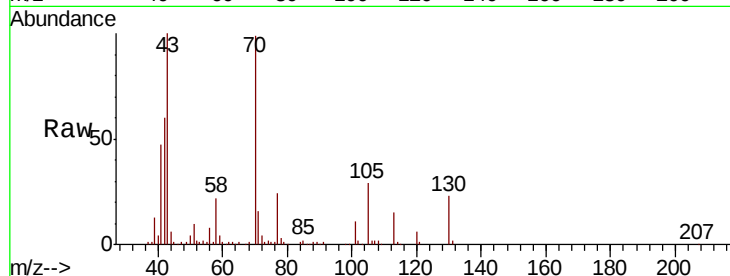
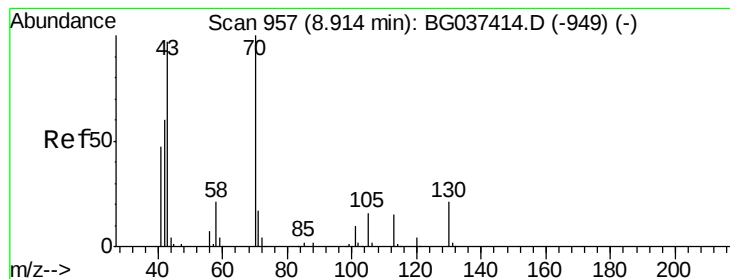
Tot Ion:	107	Resp:	191860
Ion	Ratio	Lower	Upper
107	100		
108	107.1	87.9	131.9
77	42.3	35.1	52.7
79	42.6	34.5	51.7



#18
Hexachloroethane
Concen: 47.169 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:	117	Resp:	78390
Ion	Ratio	Lower	Upper
117	100		
119	103.7	74.6	111.8
201	116.7	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.980 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 175195

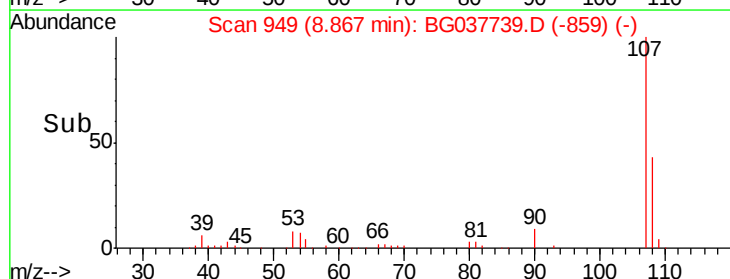
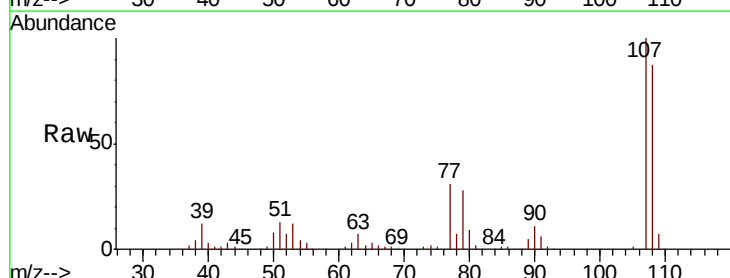
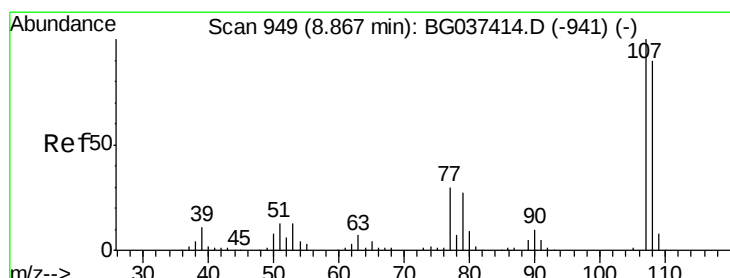
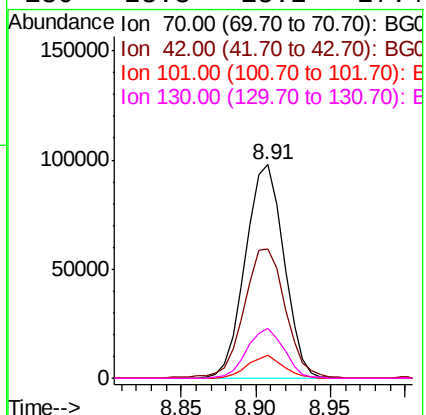
Ion Ratio Lower Upper

70 100

42 60.5 53.9 80.9

101 10.7 8.2 12.2

130 23.3 18.2 27.4



#20

3+4-Methylphenols

Concen: 48.033 ng

RT: 8.87 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Tgt Ion: 107 Resp: 265060

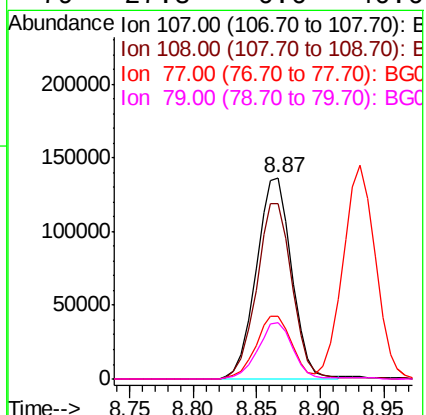
Ion Ratio Lower Upper

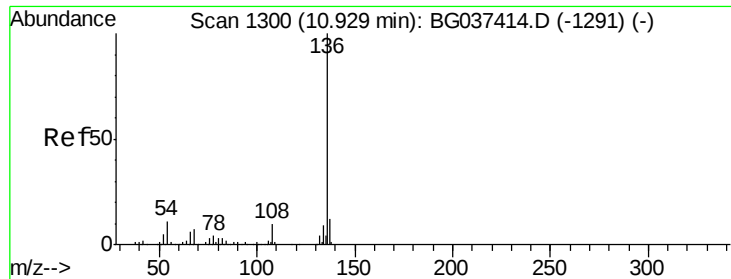
107 100

108 87.4 69.9 109.9

77 31.1 11.2 51.2

79 27.8 6.6 46.6

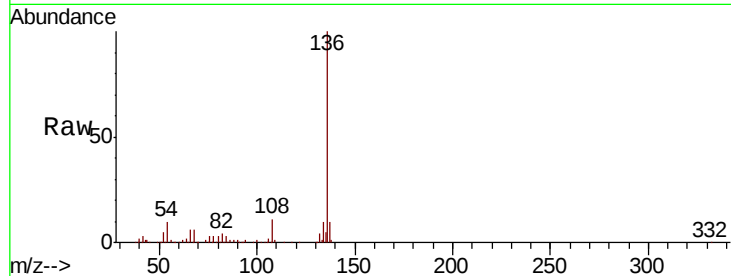




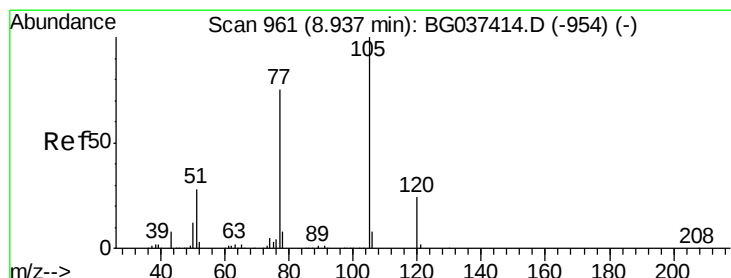
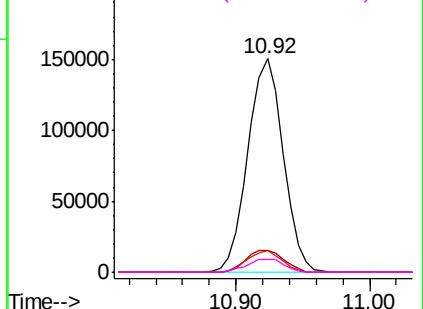
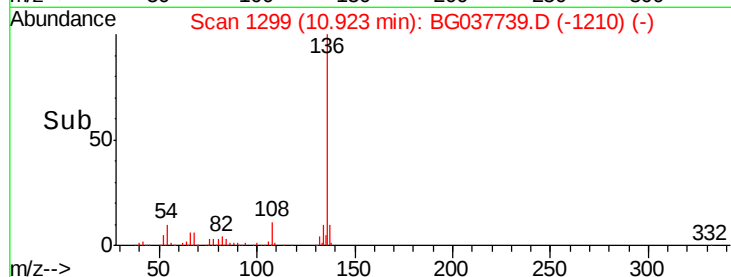
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	275756
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	10.2	7.9	11.9
68	6.1	4.8	7.2

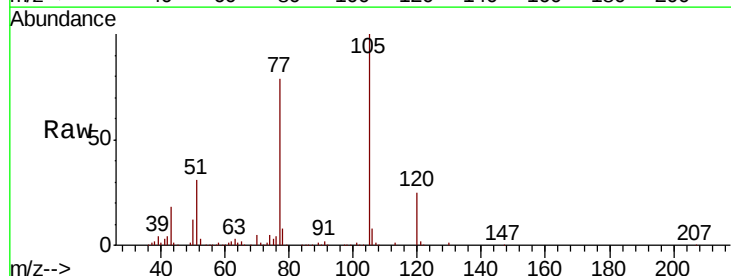


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

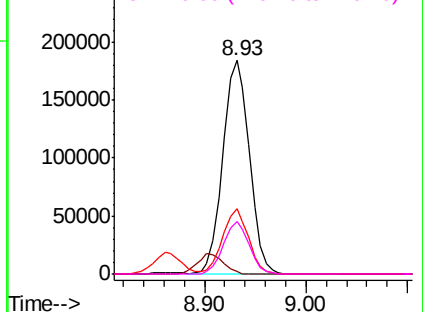
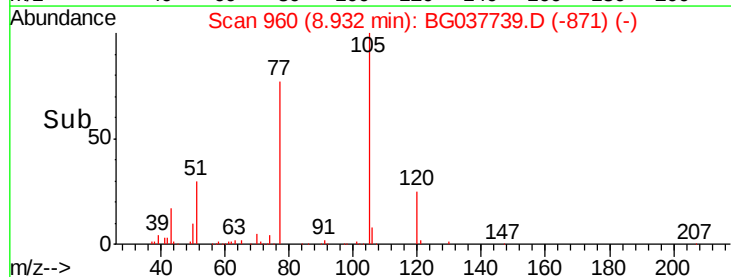


#22
Acetophenone
Concen: 48.381 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:	105	Resp:	334593
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.2	1.8#
51	30.7	25.0	37.6
120	24.5	18.6	28.0



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

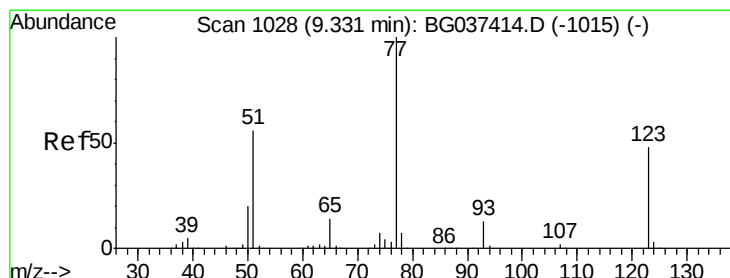
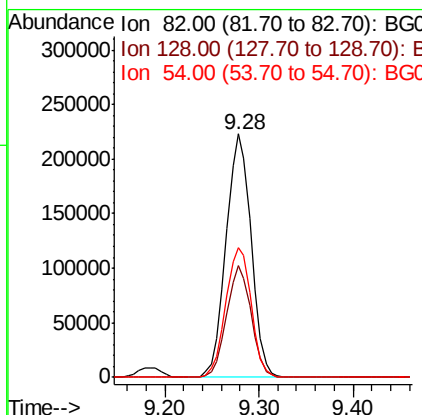
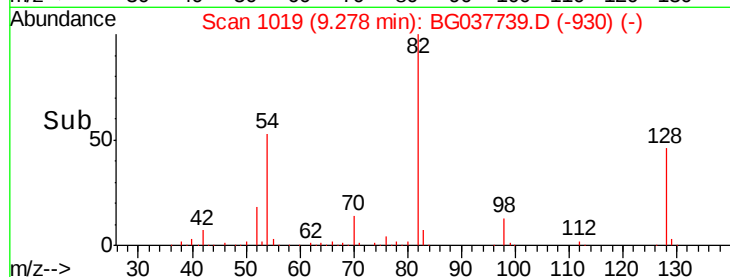
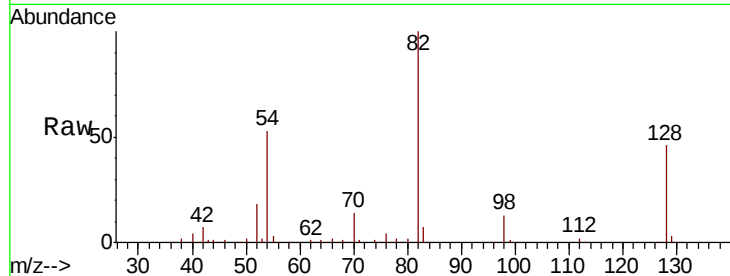




#23
Nitrobenzene-d5
Concen: 83.847 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

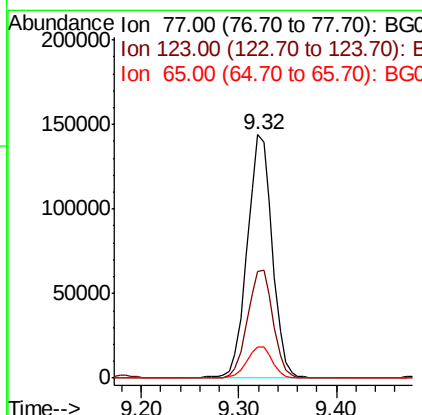
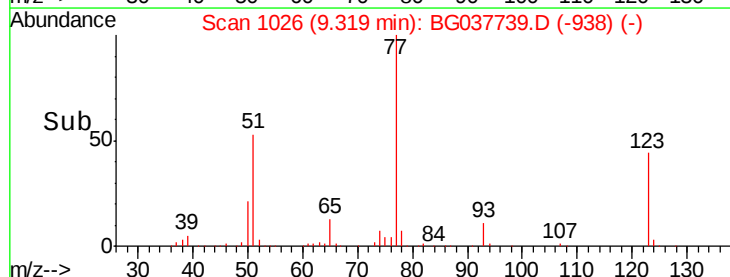
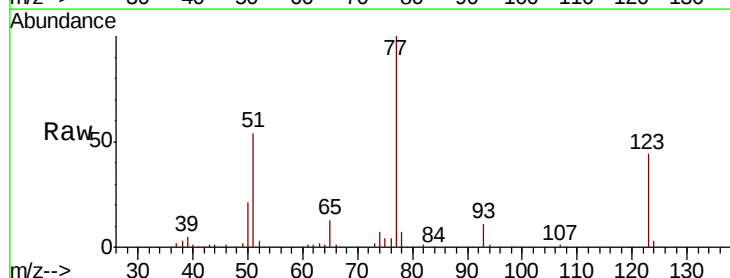
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 412739
Ion Ratio Lower Upper
82 100
128 45.7 34.6 51.8
54 53.4 45.3 67.9



#24
Nitrobenzene
Concen: 50.590 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion: 77 Resp: 258708
Ion Ratio Lower Upper
77 100
123 44.0 33.6 50.4
65 12.8 11.3 16.9

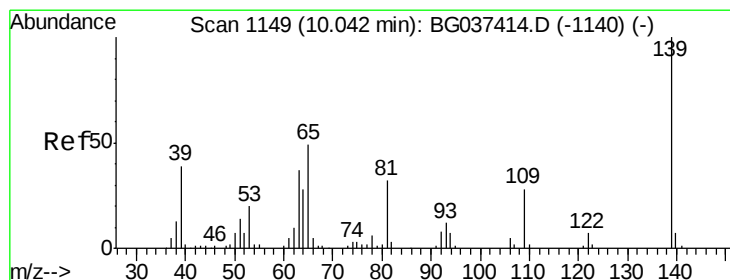
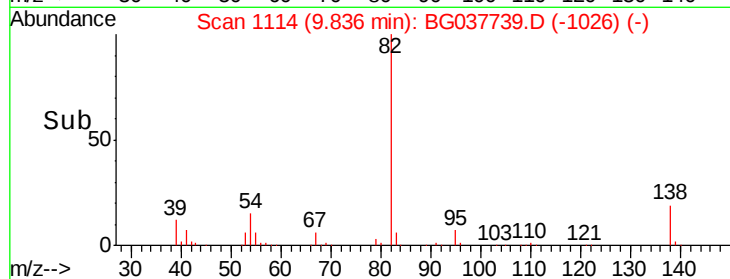
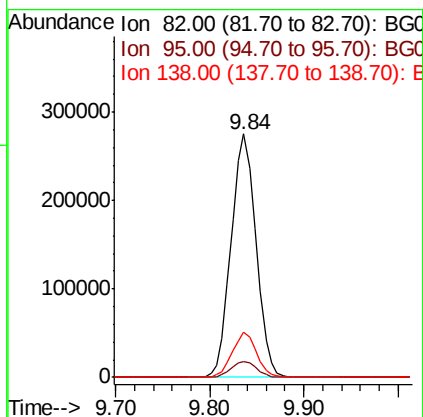
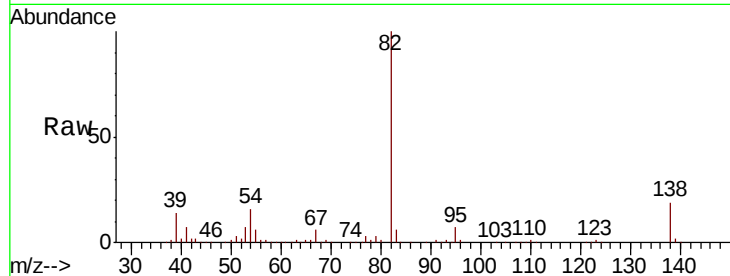




#25
Isophorone
Concen: 56.325 ng
RT: 9.84 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

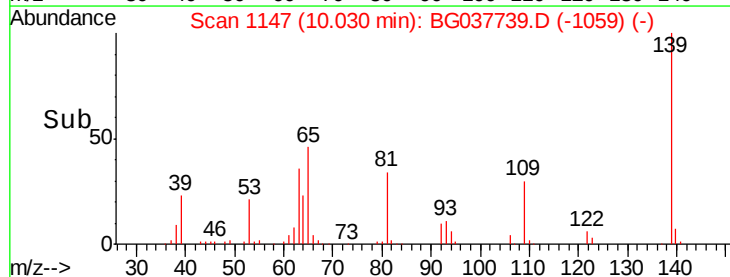
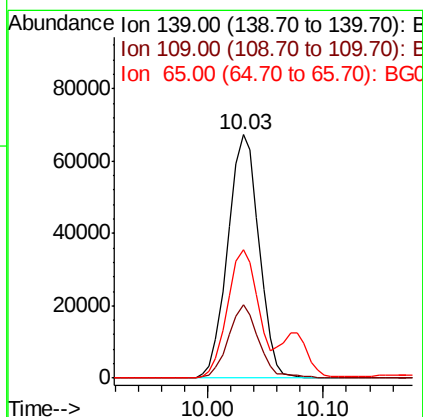
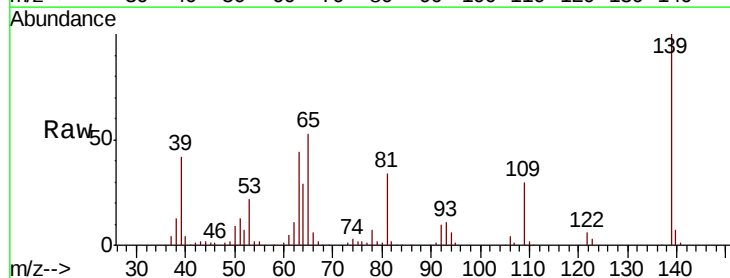
Instrument :
BNA_G
ClientSampleId :

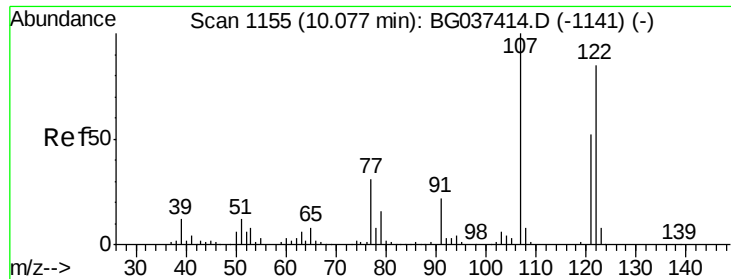
Tot Ion: 82 Resp: 506601
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.6 13.3 19.9



#26
2-Nitrophenol
Concen: 54.698 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion: 139 Resp: 126009
Ion Ratio Lower Upper
139 100
109 30.1 23.3 34.9
65 52.9 39.8 59.8

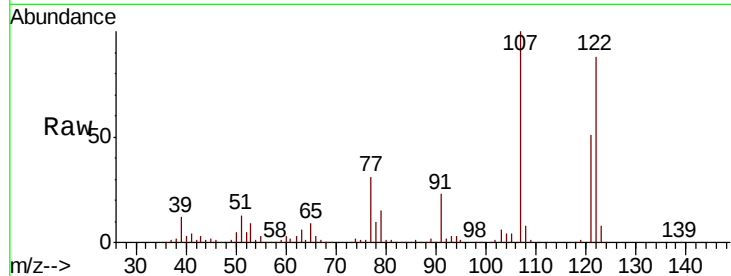




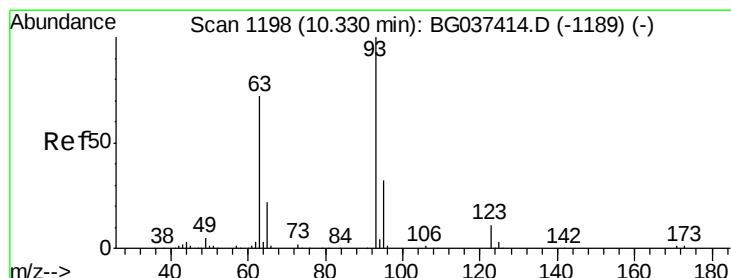
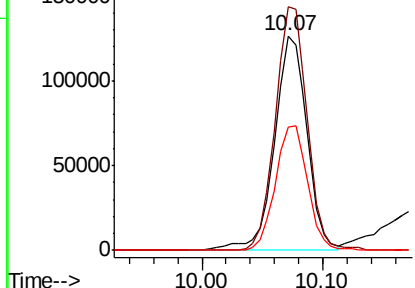
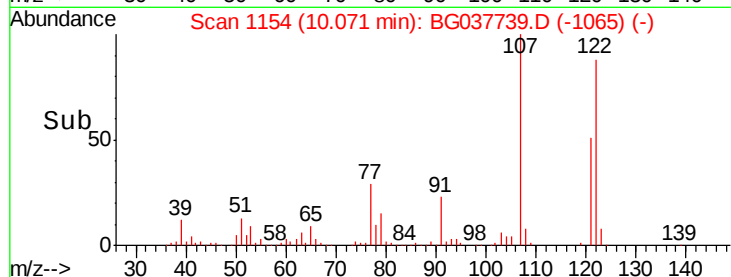
#27
 2,4-Dimethylphenol
 Concen: 56.774 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 233526
 Ion Ratio Lower Upper
 122 100
 107 113.7 94.2 141.2
 121 57.8 47.3 70.9

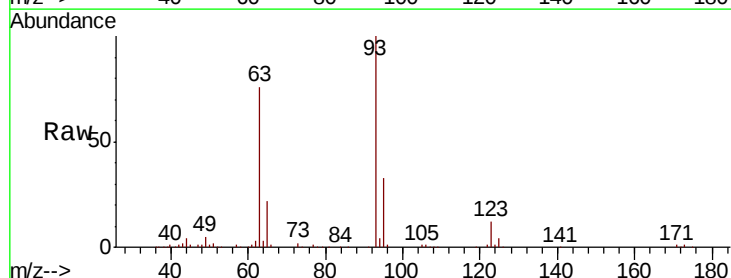


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

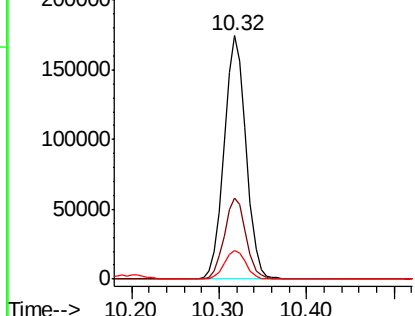
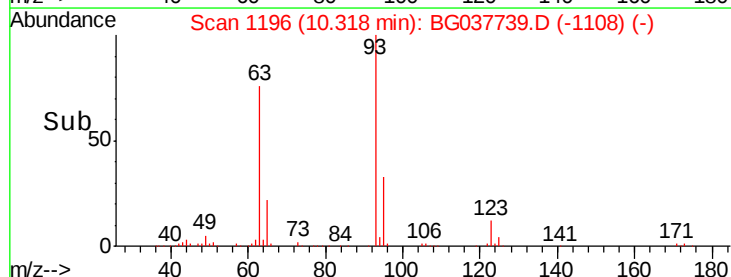


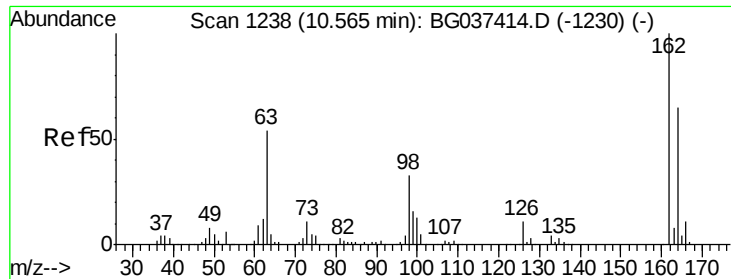
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.901 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion: 93 Resp: 299954
 Ion Ratio Lower Upper
 93 100
 95 33.4 24.6 37.0
 123 11.8 9.1 13.7



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

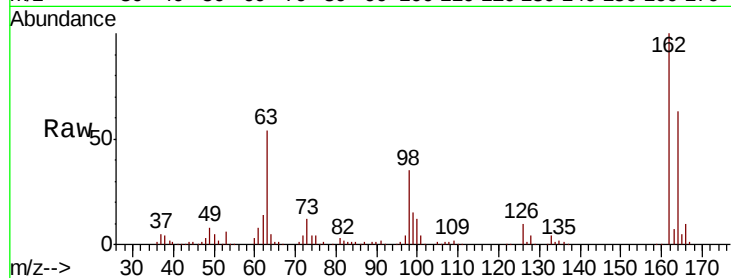




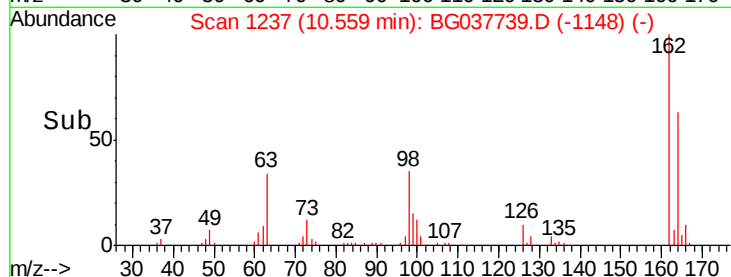
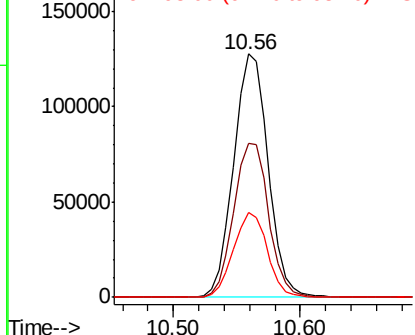
#29
 2,4-Dichlorophenol
 Concen: 52.358 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.2	83.2
98	34.9	16.0	56.0

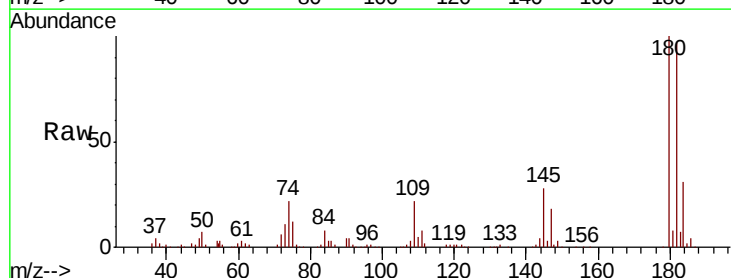


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

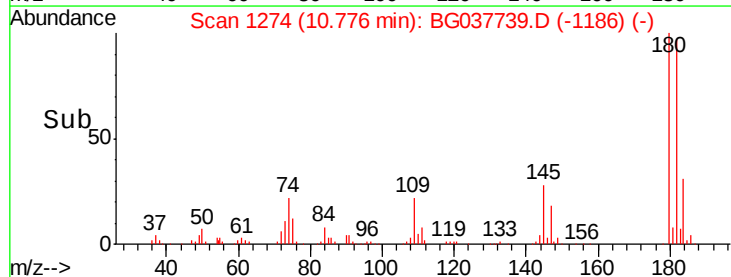
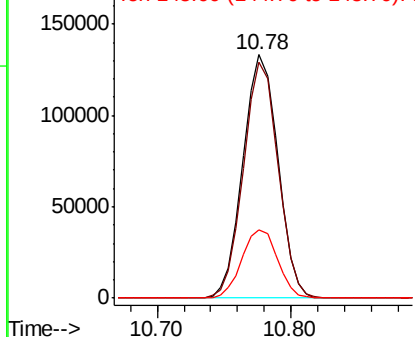


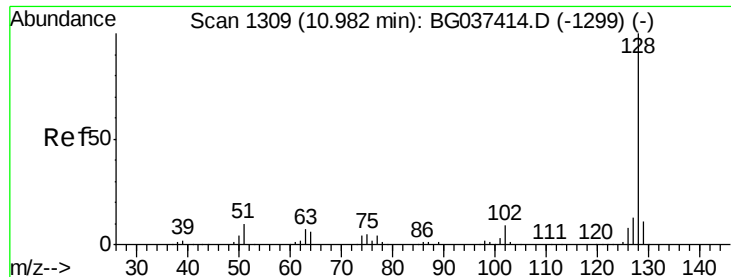
#30
 1,2,4-Trichlorobenzene
 Concen: 48.484 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.7	116.5
145	28.2	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

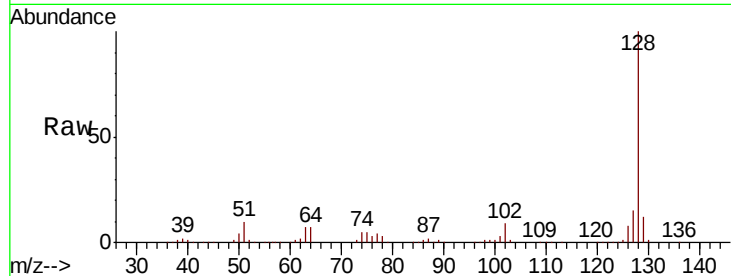




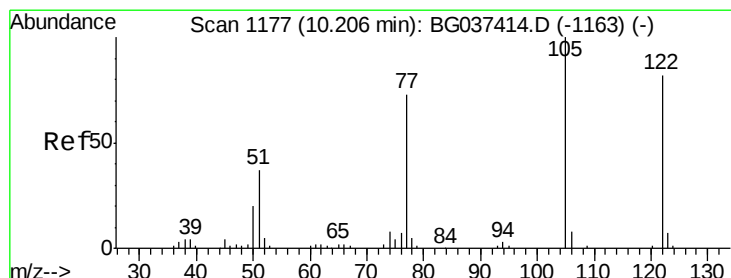
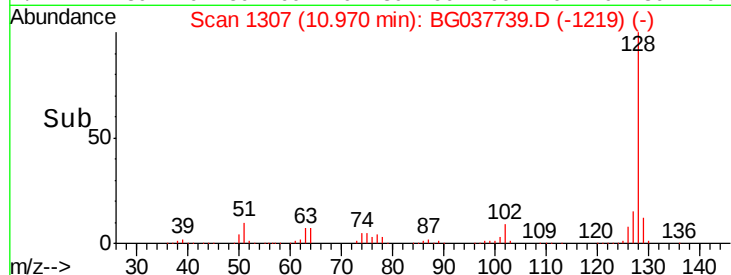
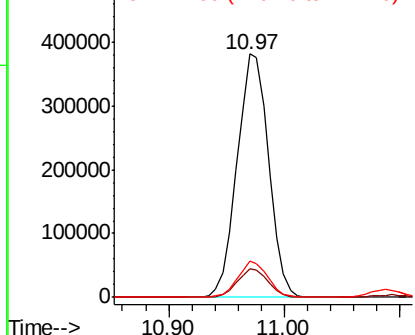
#31
Naphthalene
Concen: 53.344 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 722512
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.9 11.1 16.7

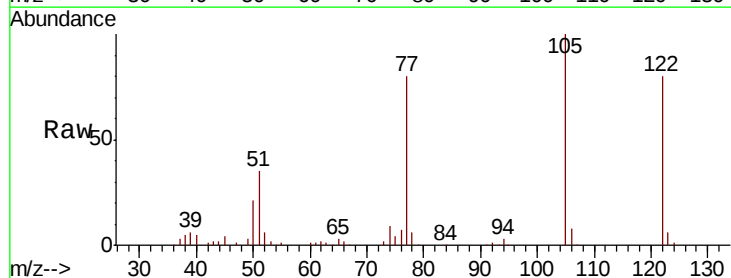


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

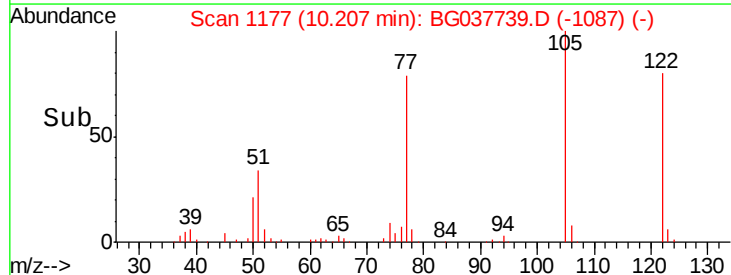
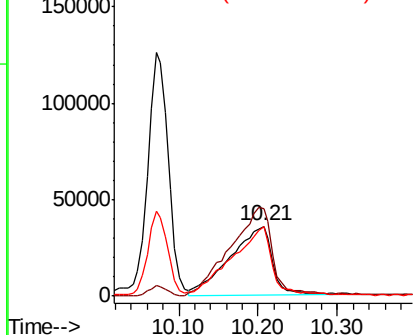


#32
Benzoic acid
Concen: 49.598 ng
RT: 10.21 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:122 Resp: 132505
Ion Ratio Lower Upper
122 100
105 124.3 106.7 146.7
77 99.4 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

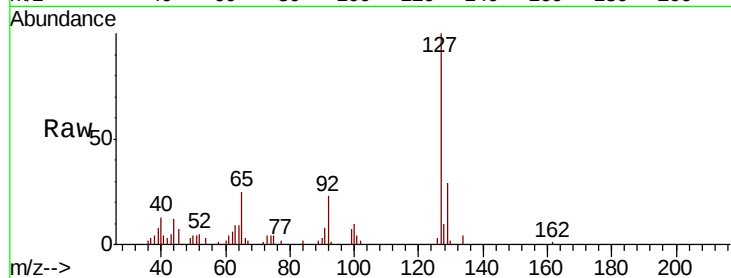




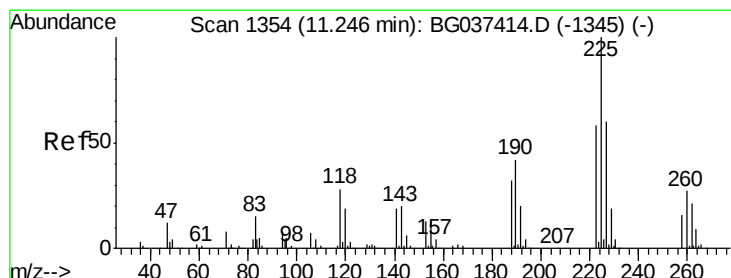
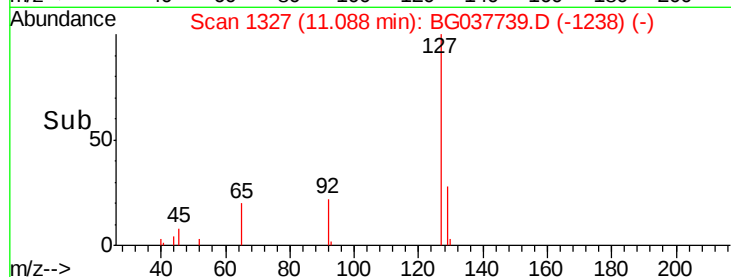
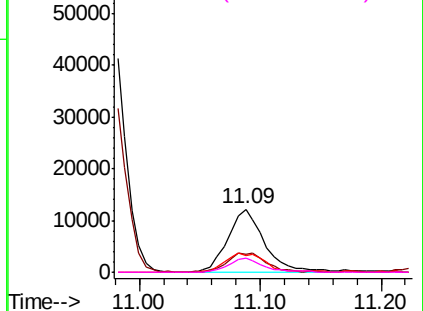
#33
4-Chloroaniline
Concen: 4.033 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	25666
Ion Ratio	Lower	Upper
127	100	
129	28.7	27.1 40.7
65	25.4	26.6 39.8#
92	22.6	16.4 24.6

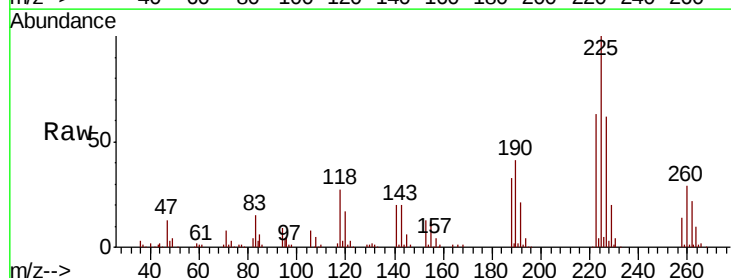


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

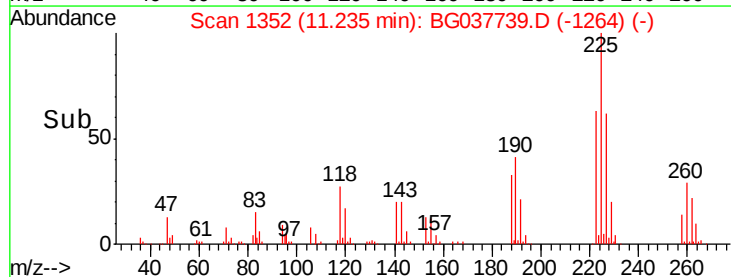
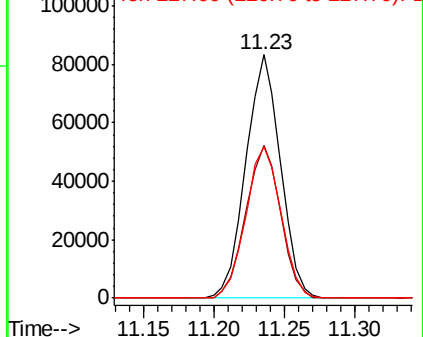


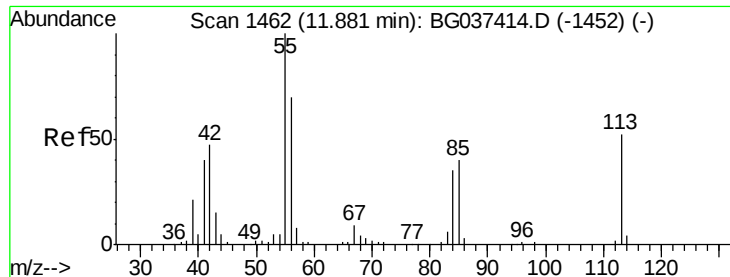
#34
Hexachlorobutadiene
Concen: 48.503 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:225	Resp:	143168
Ion Ratio	Lower	Upper
225	100	
223	59.8	48.2 72.4
227	61.7	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

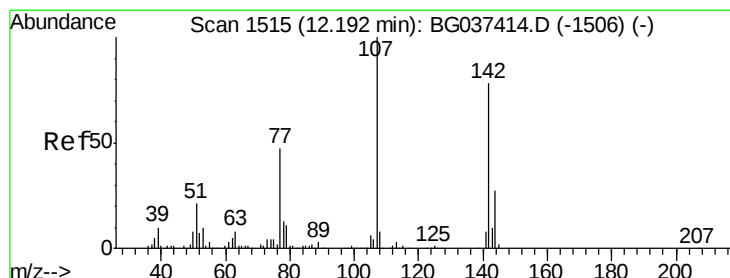
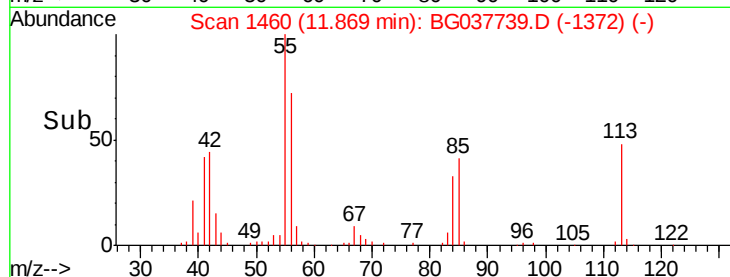
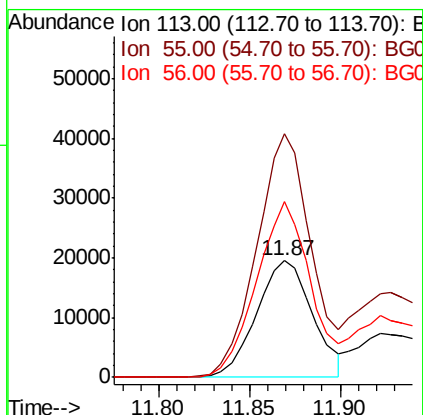
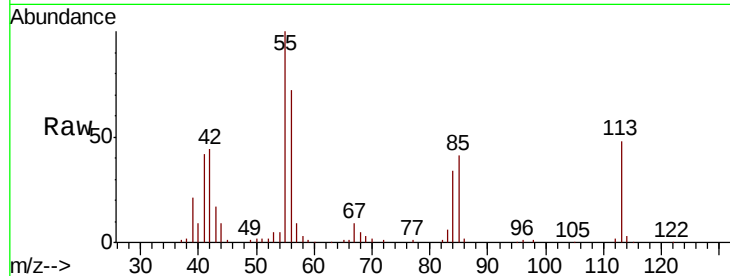




#35
 Caprolactam
 Concen: 22.859 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

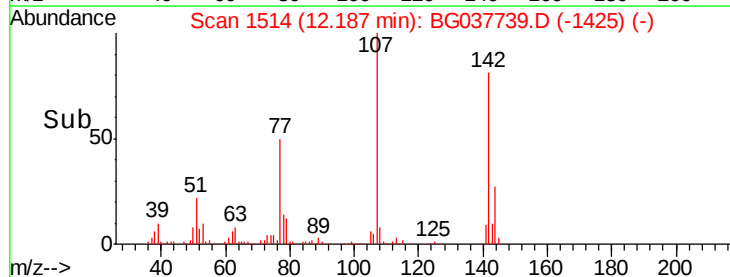
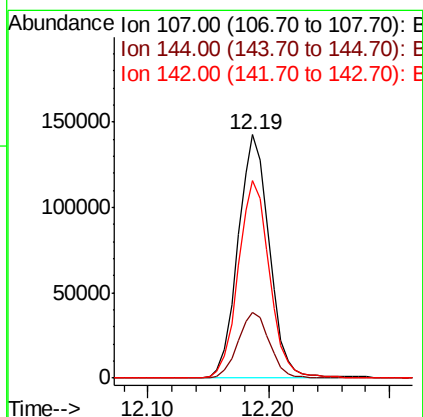
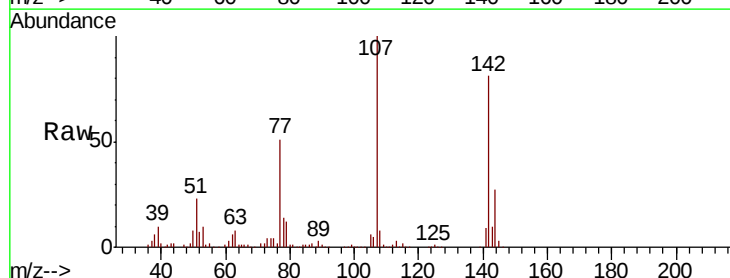
Instrument :
 BNA_G
 ClientSampleId :

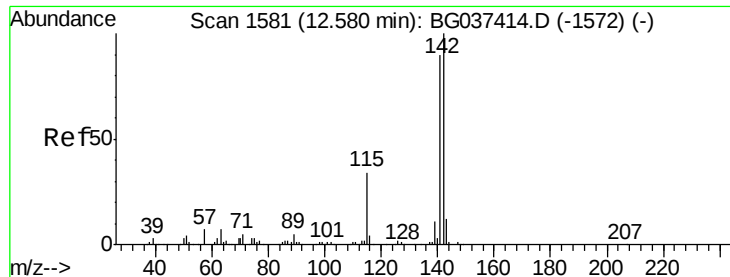
Tot Ion:113 Resp: 41987
 Ion Ratio Lower Upper
 113 100
 55 208.6 176.6 216.6
 56 150.1 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 50.005 ng
 RT: 12.19 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion:107 Resp: 258268
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.7 31.1
 142 80.9 64.4 96.6

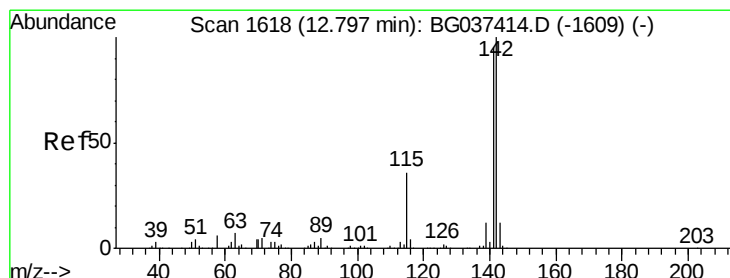
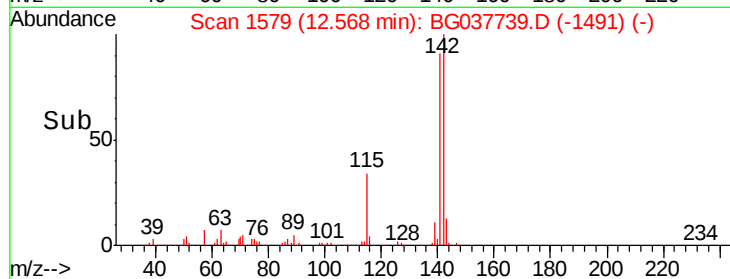
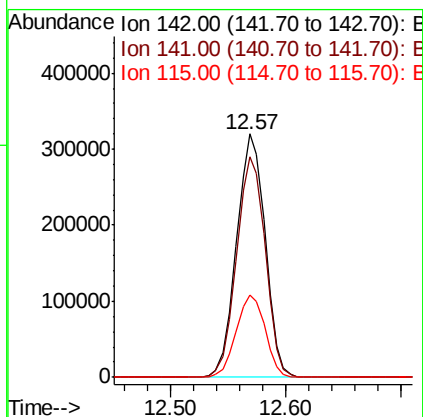
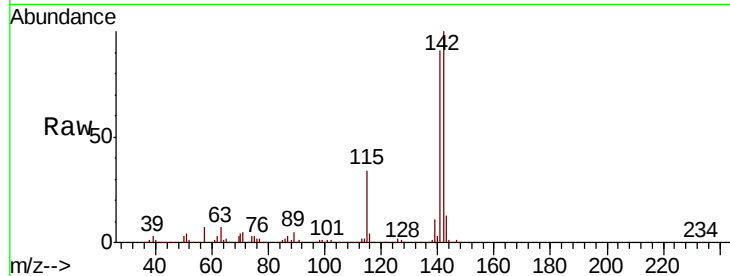




#37
 2-Methylnaphthalene
 Concen: 55.535 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

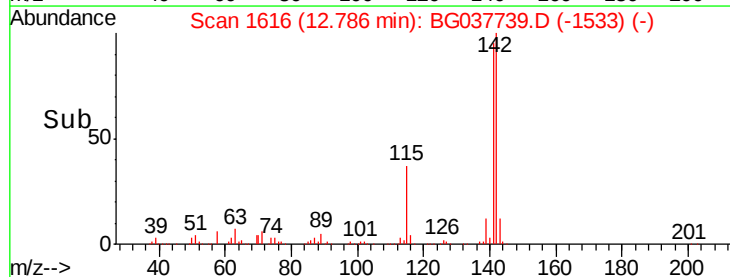
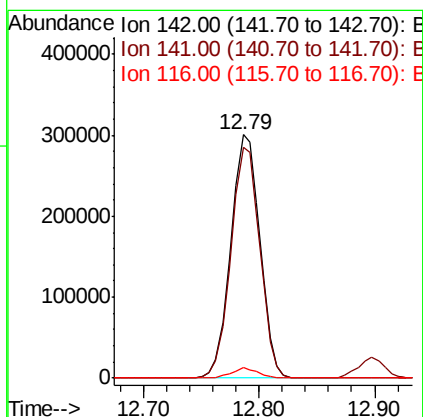
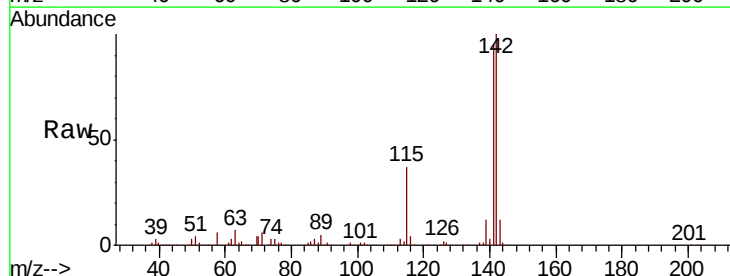
Instrument :
 BNA_G
 ClientSampleId :

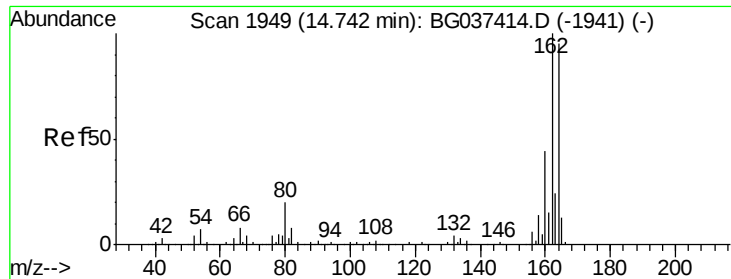
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	34.0	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 54.597 ng
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	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: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

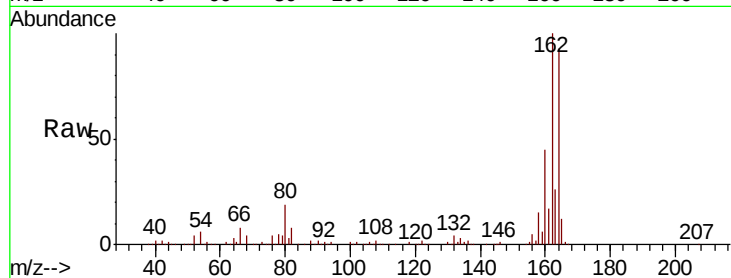
Tot Ion:164 Resp: 179051

Ion Ratio Lower Upper

164 100

162 107.0 81.3 121.9

160 47.6 36.3 54.5

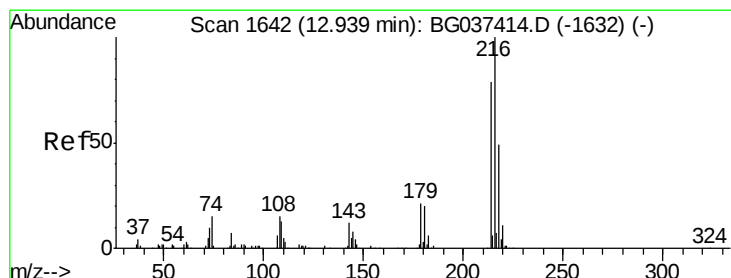
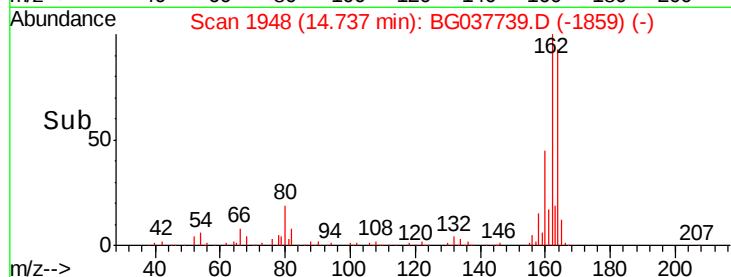
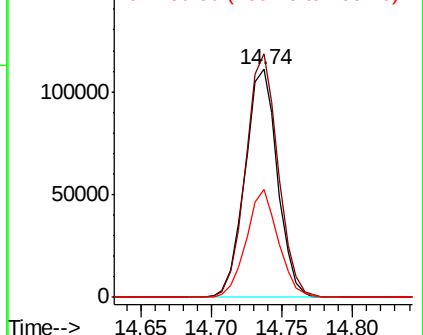


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.875 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Tgt Ion:216 Resp: 288047

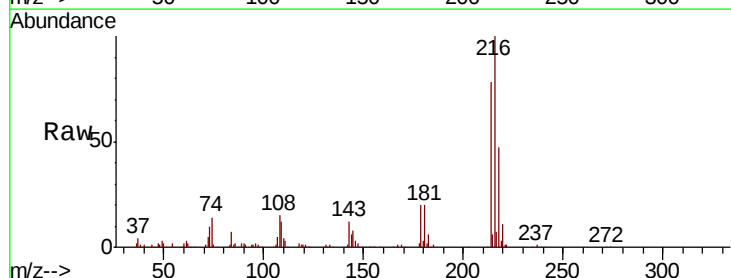
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 20.9 17.4 26.0

108 18.9 13.9 20.9



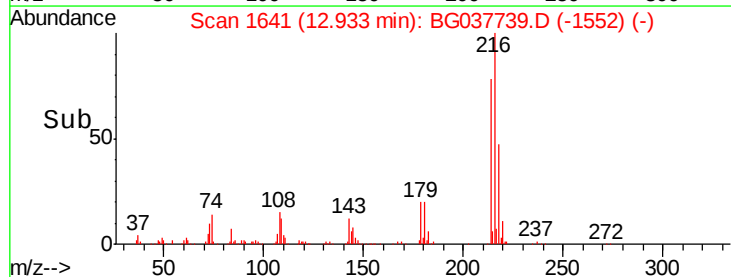
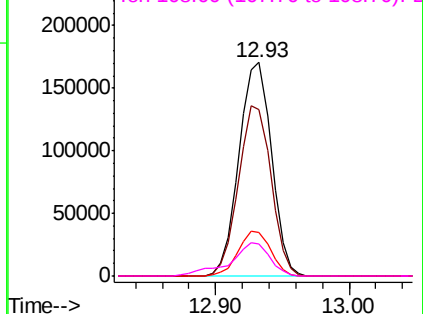
Abundance

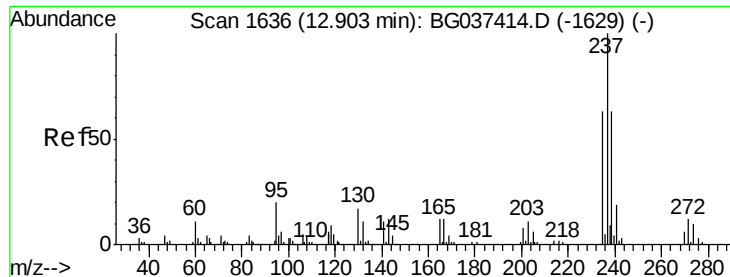
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 127.732 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

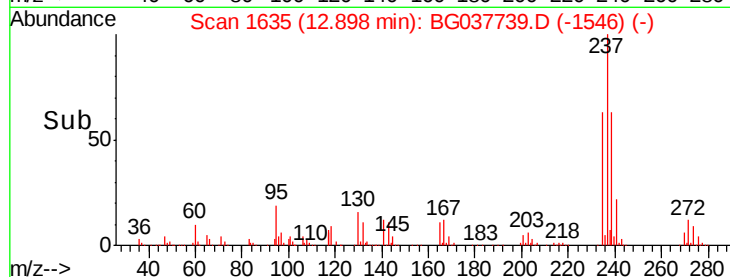
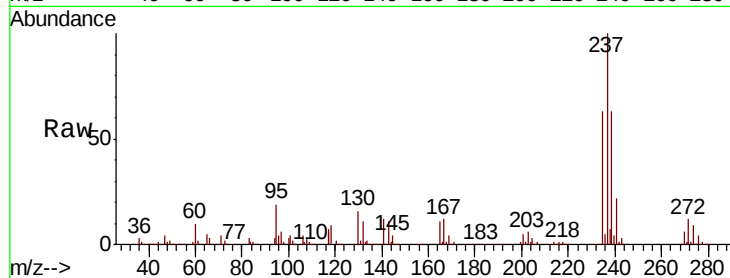
Tot Ion:237 Resp: 352381

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

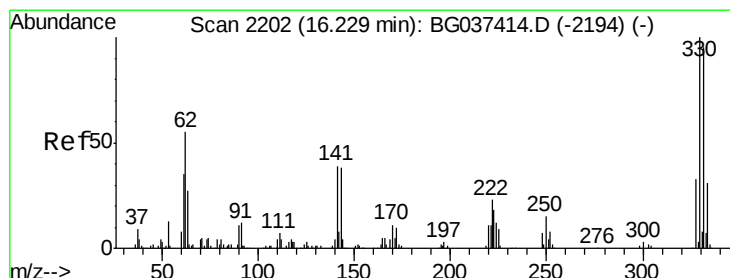
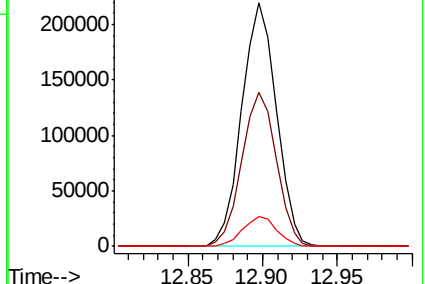
272 12.0 0.0 31.6



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: 133.526 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

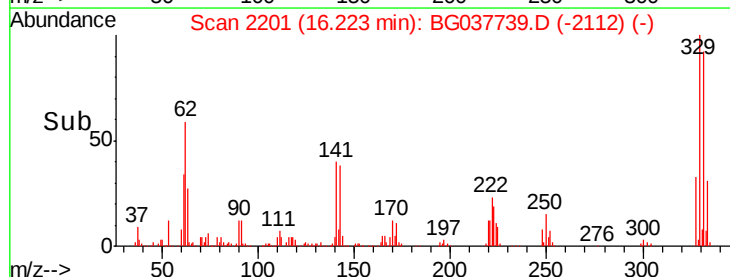
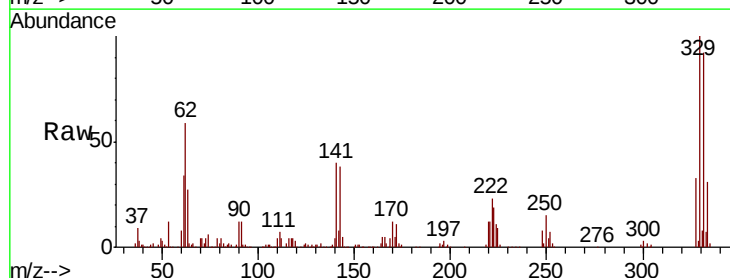
Tgt Ion:330 Resp: 260762

Ion Ratio Lower Upper

330 100

332 93.8 78.4 117.6

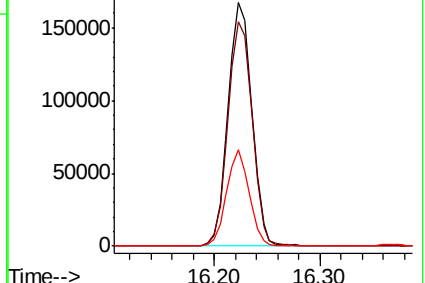
141 37.6 32.2 48.2

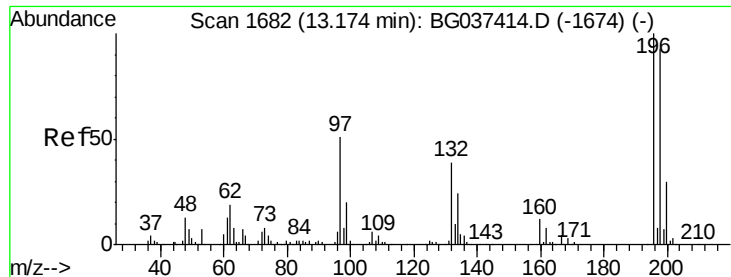


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

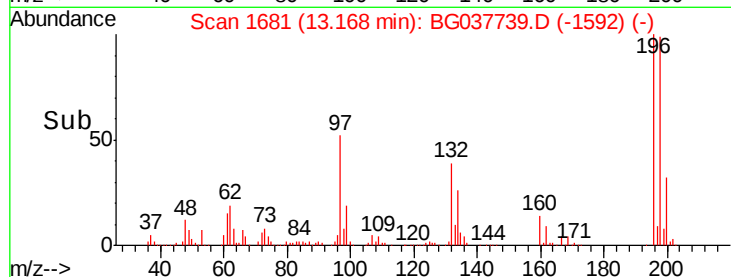
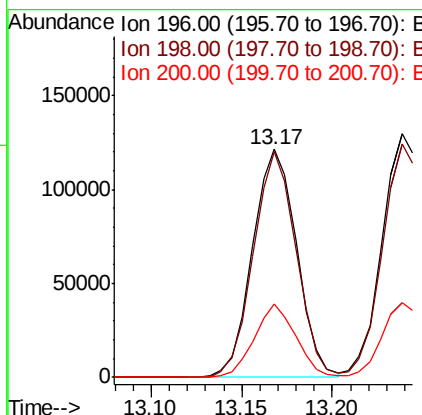
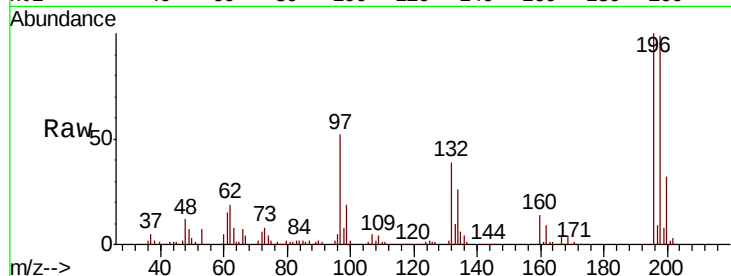




#43
 2,4,6-Trichlorophenol
 Concen: 53.055 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

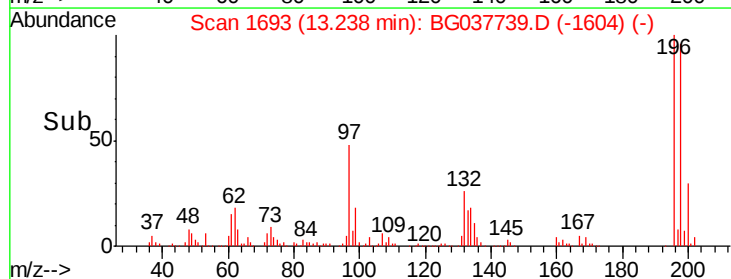
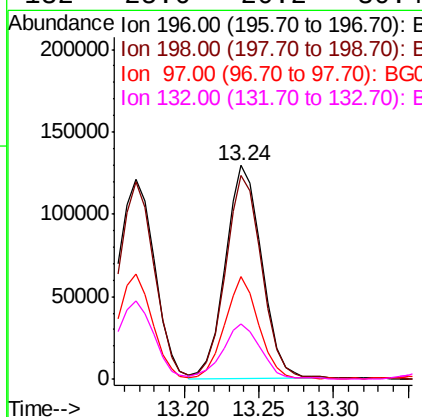
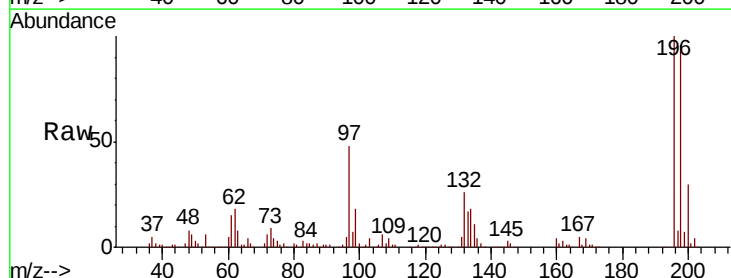
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 204707
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.4 114.6
 200 32.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 52.329 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion:196 Resp: 219832
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.2
 97 47.8 34.1 51.1
 132 25.6 20.2 30.4

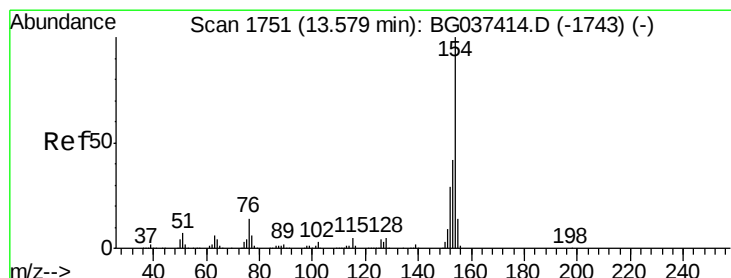
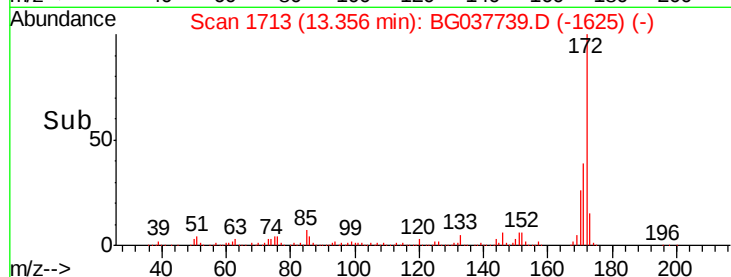
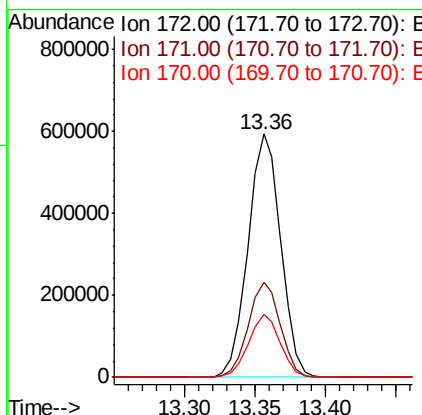
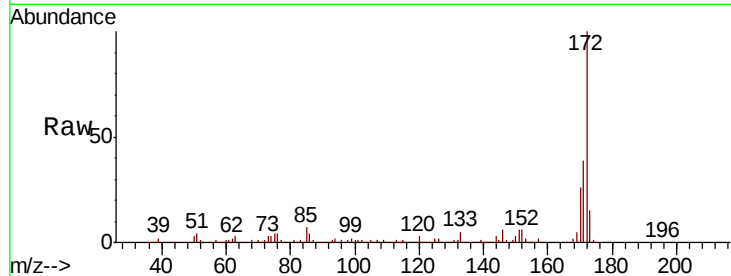




#45
 2-Fluorobiphenyl
 Concen: 81.148 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

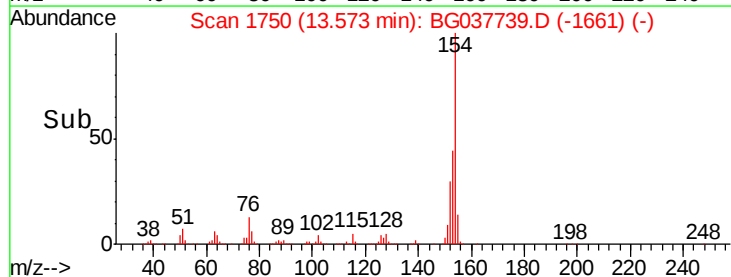
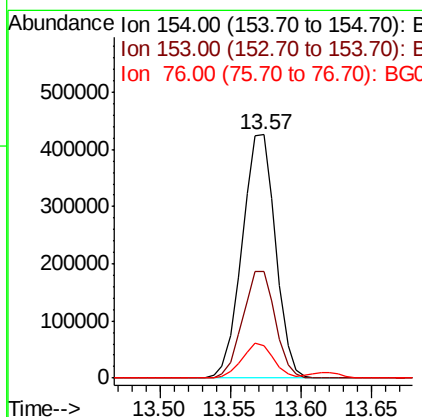
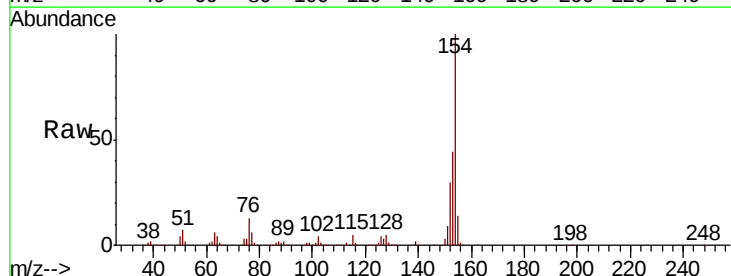
Instrument :
 BNA_G
 ClientSampleId :

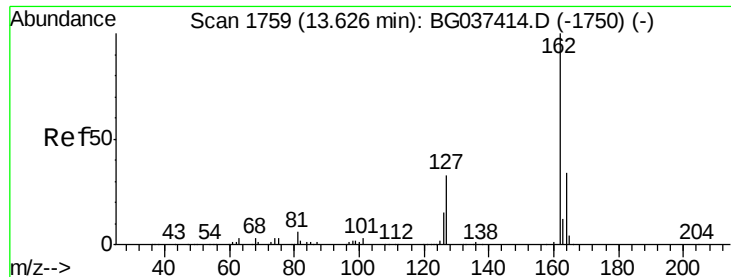
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	26.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 47.598 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	22.1	62.1
76	13.1	0.0	33.2

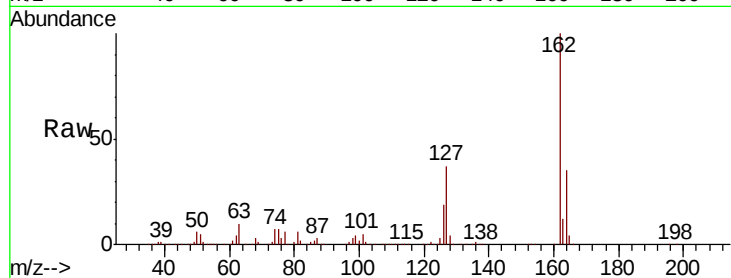




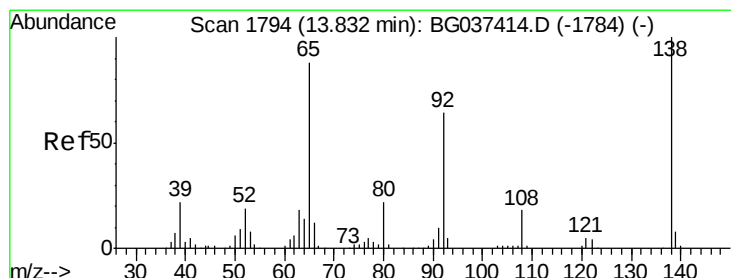
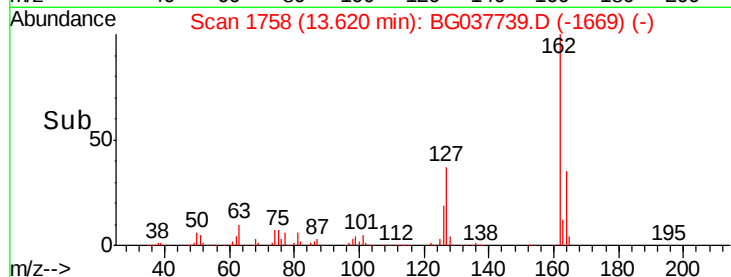
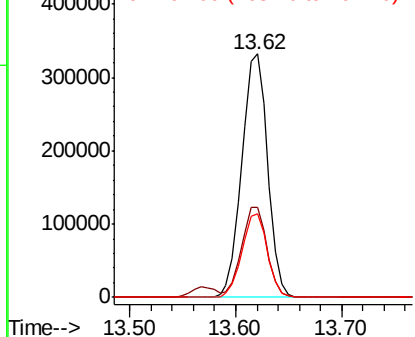
#47
 2-Chloronaphthalene
 Concen: 50.039 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	34.6	26.4	39.6

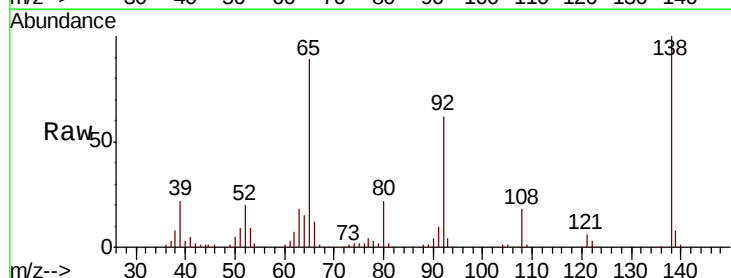


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

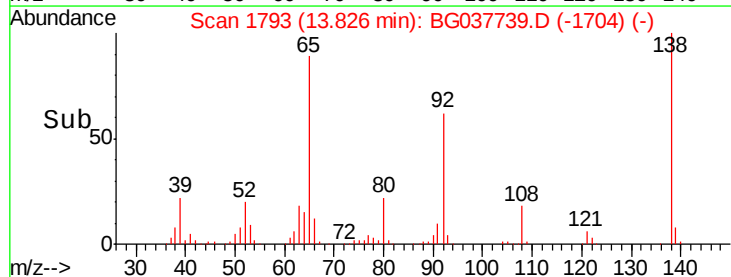
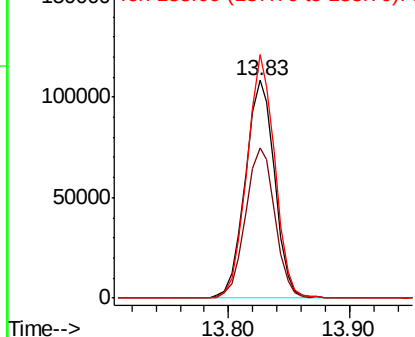


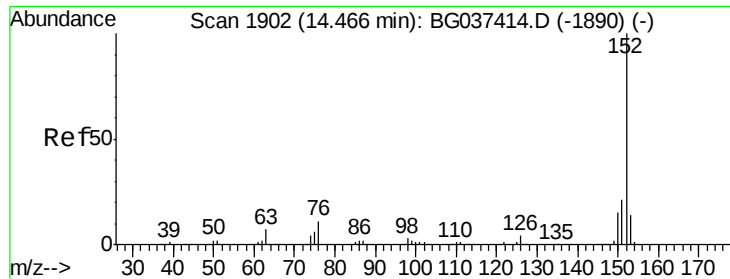
#48
 2-Nitroaniline
 Concen: 54.028 ng
 RT: 13.83 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.2	79.8
138	111.8	79.3	118.9



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





#49

Acenaphthylene

Concen: 53.859 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

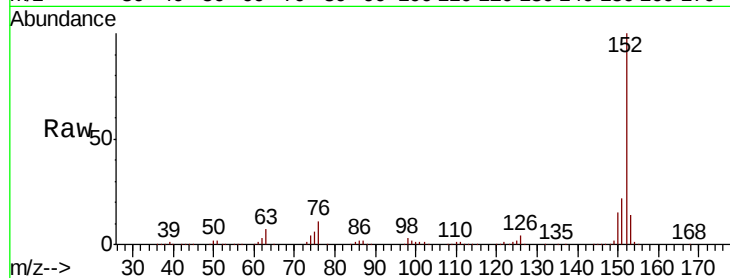
Tot Ion:152 Resp: 908894

Ion Ratio Lower Upper

152 100

151 22.4 17.1 25.7

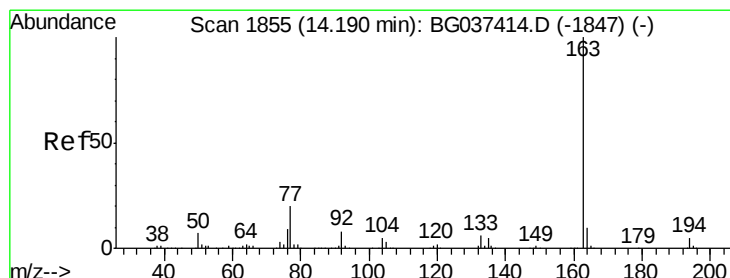
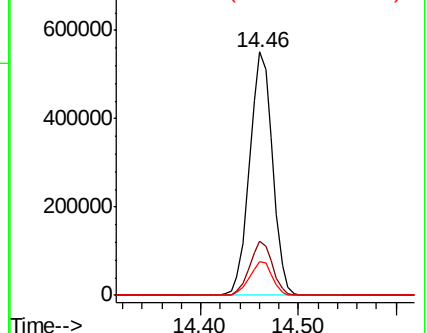
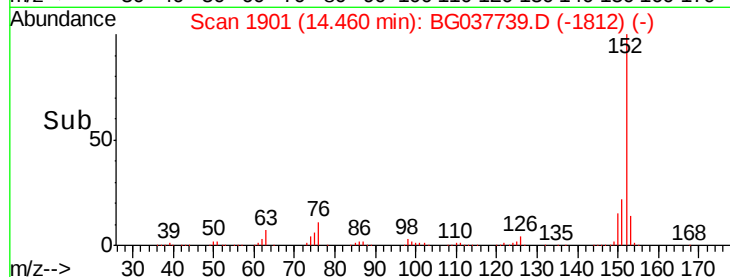
153 13.8 11.1 16.7



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: 51.527 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

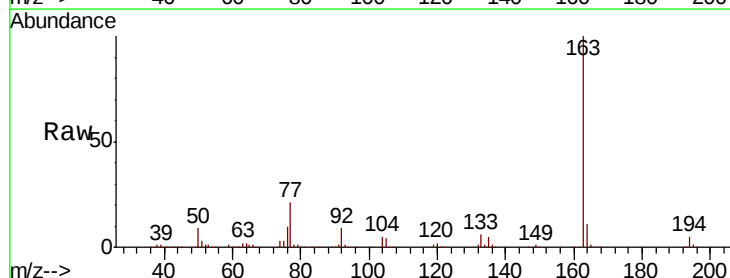
Tgt Ion:163 Resp: 713740

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

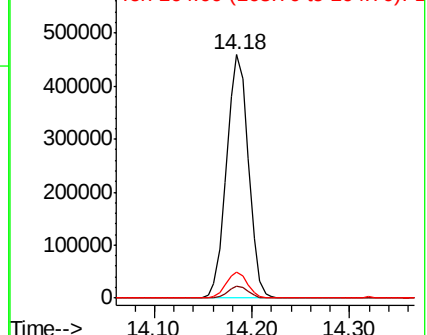
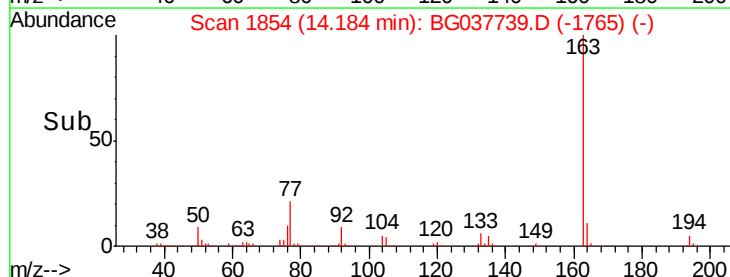
164 10.8 8.5 12.7

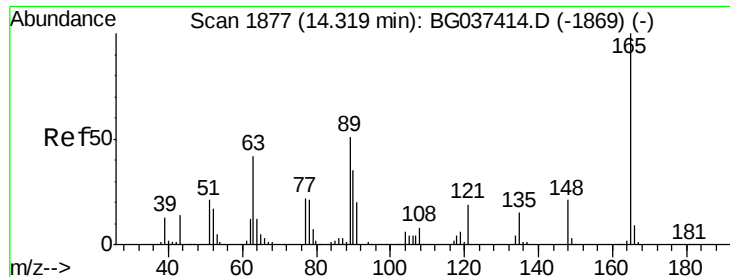


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.324 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

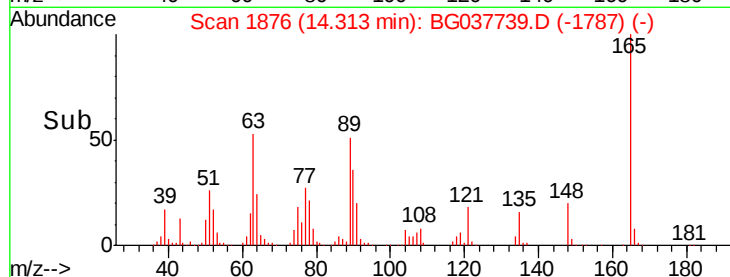
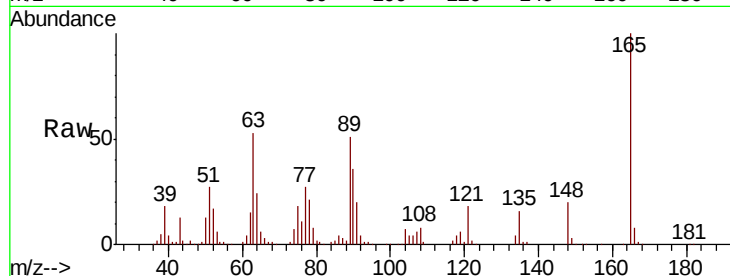
Tot Ion:165 Resp: 163399

Ion Ratio Lower Upper

165 100

63 53.3 43.4 65.2

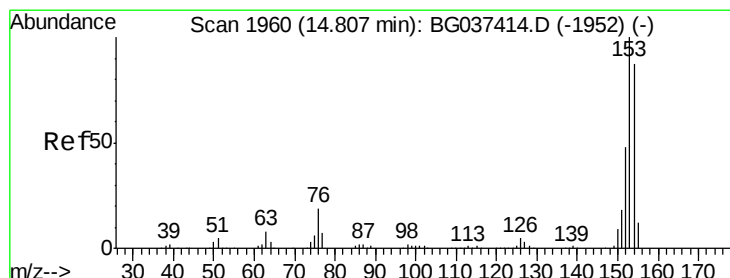
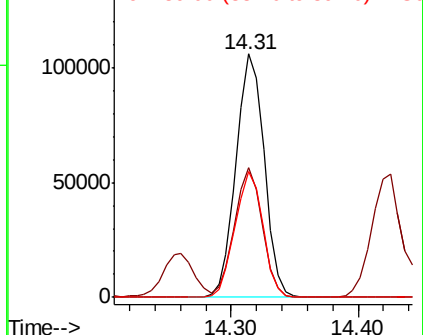
89 51.5 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 52.140 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

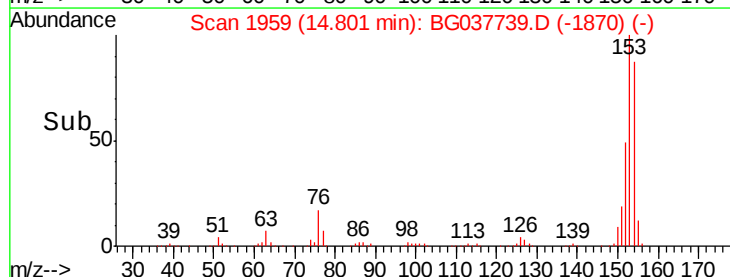
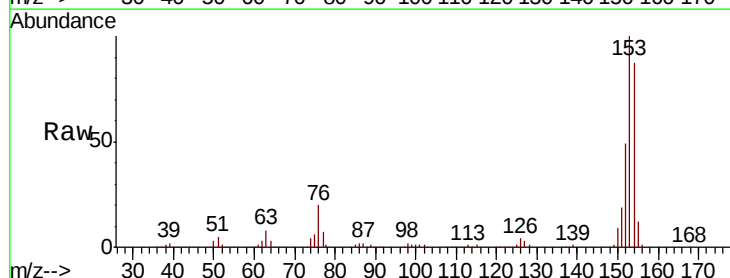
Tgt Ion:154 Resp: 541894

Ion Ratio Lower Upper

154 100

153 114.6 93.4 140.0

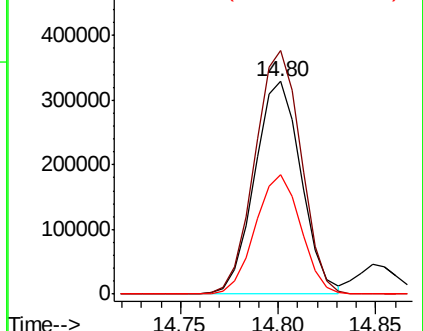
152 56.3 44.7 67.1

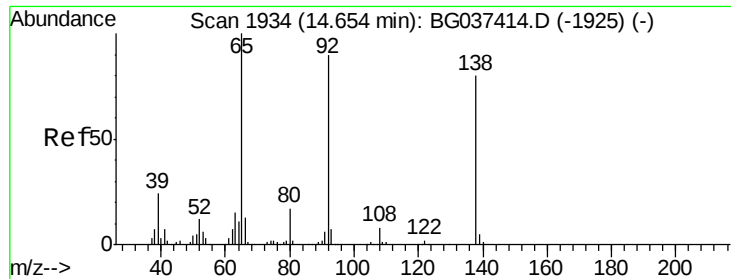


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.252 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

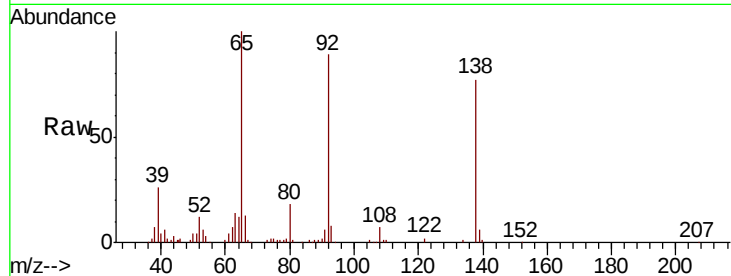
Tot Ion:138 Resp: 62088

Ion Ratio Lower Upper

138 100

108 9.6 11.0 16.6#

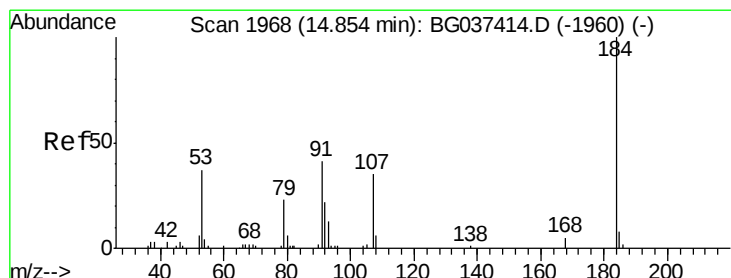
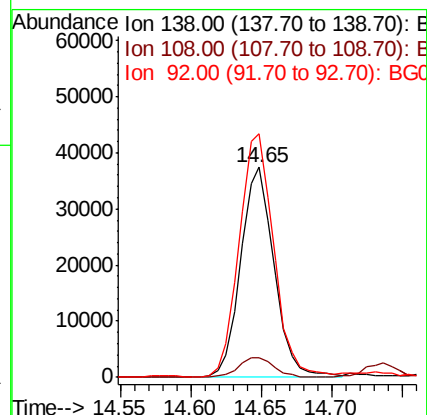
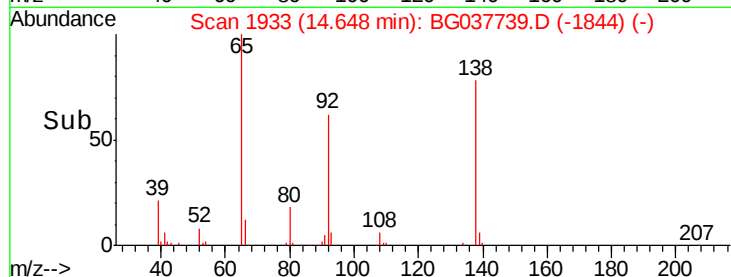
92 116.0 95.2 142.8



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: 92.561 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

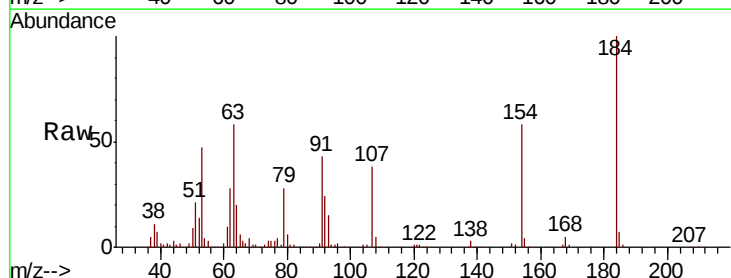
Tgt Ion:184 Resp: 138855

Ion Ratio Lower Upper

184 100

63 58.4 42.6 63.8

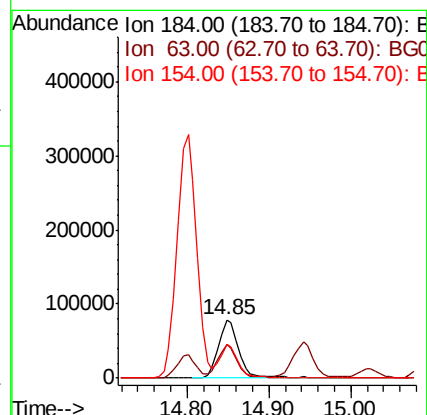
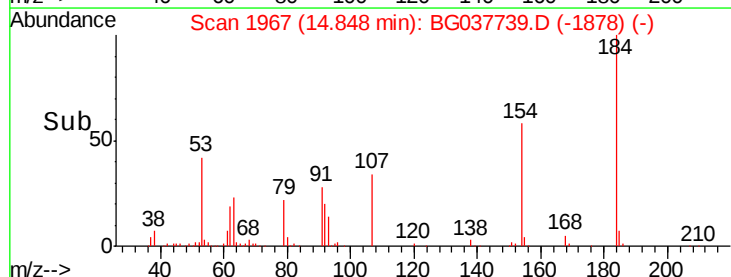
154 58.1 41.8 62.6

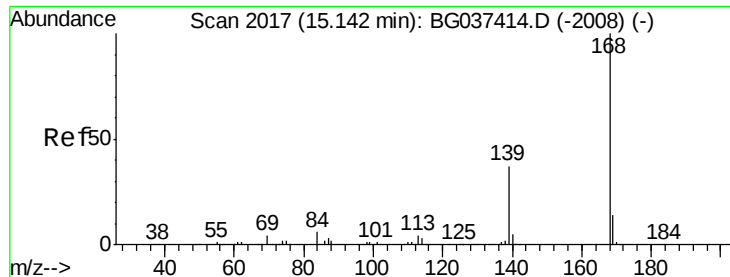


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.558 ng

RT: 15.13 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

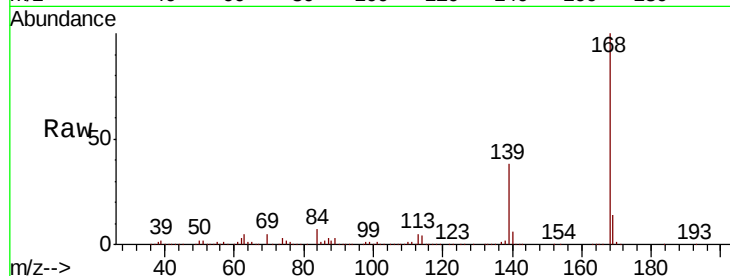
Tot Ion:168 Resp: 853365

Ion Ratio Lower Upper

168 100

139 37.7 29.4 44.0

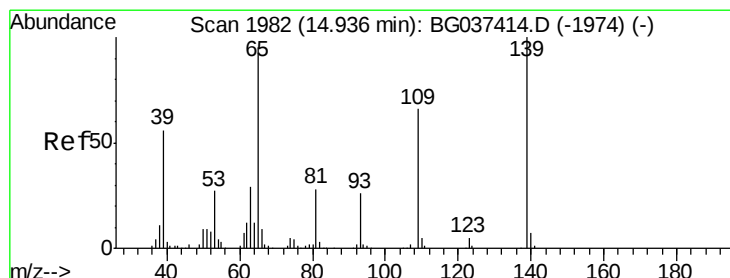
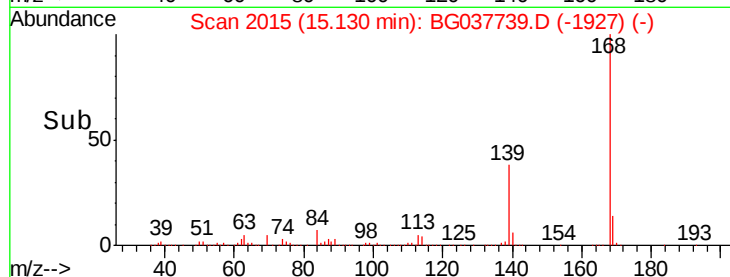
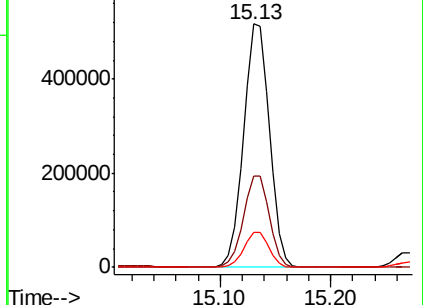
169 14.3 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 123.133 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

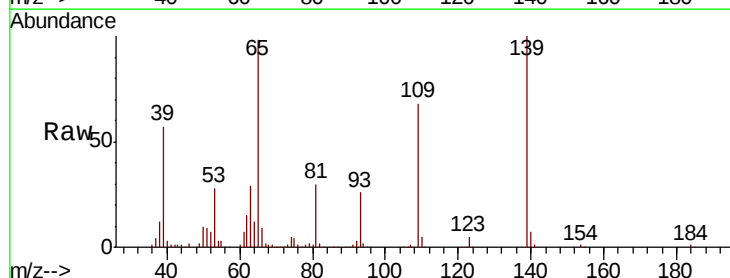
Tgt Ion:139 Resp: 310047

Ion Ratio Lower Upper

139 100

109 67.8 49.5 89.5

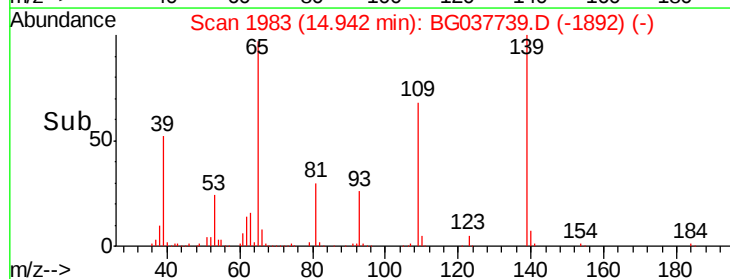
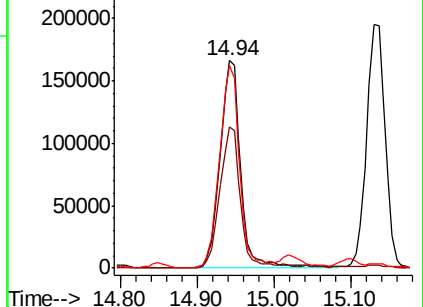
65 97.8 76.8 116.8

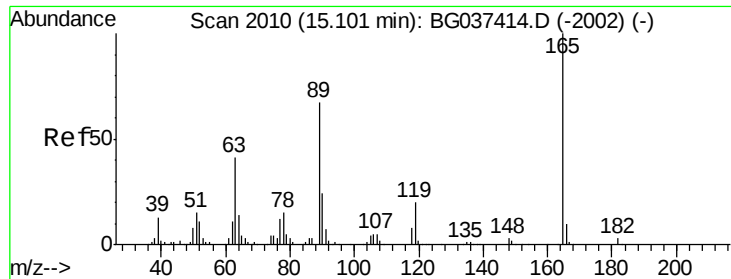


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

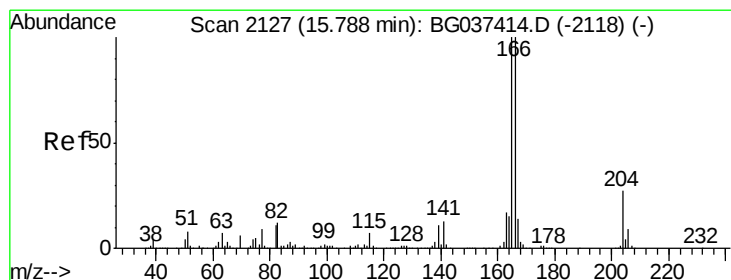
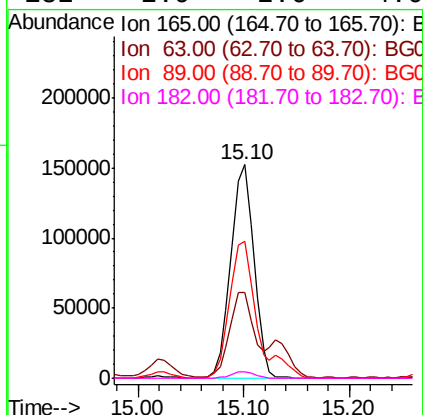
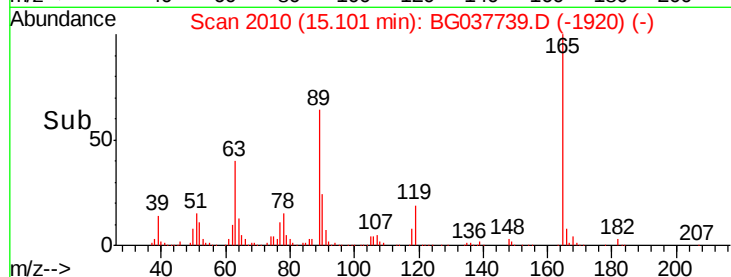
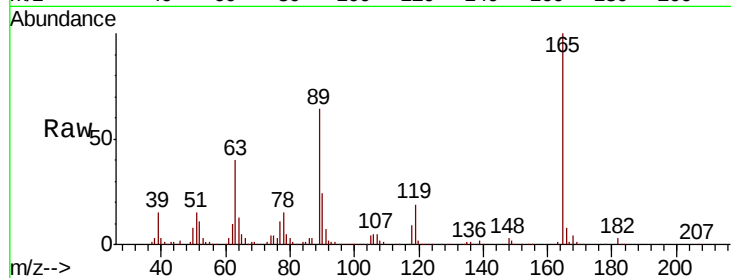




#57
2,4-Dinitrotoluene
Concen: 57.391 ng
RT: 15.10 min Scan# 210
Delta R.T. 0.00 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

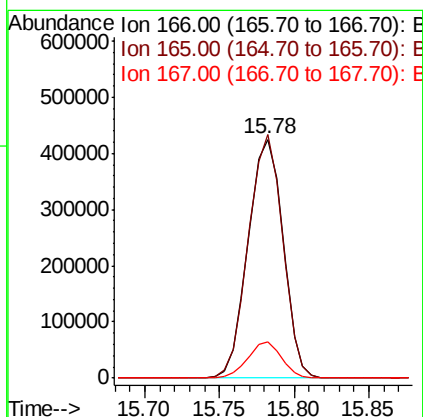
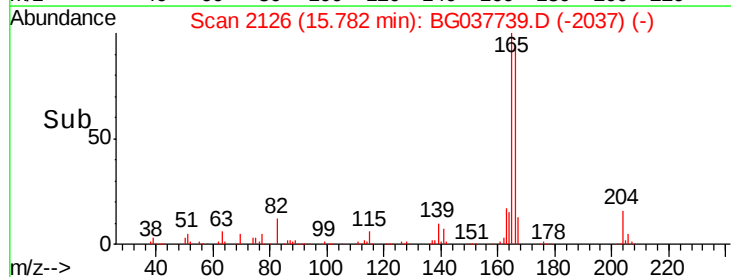
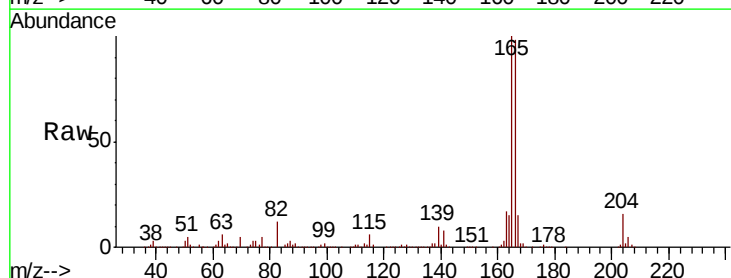
Instrument :
BNA_G
ClientSampleId :

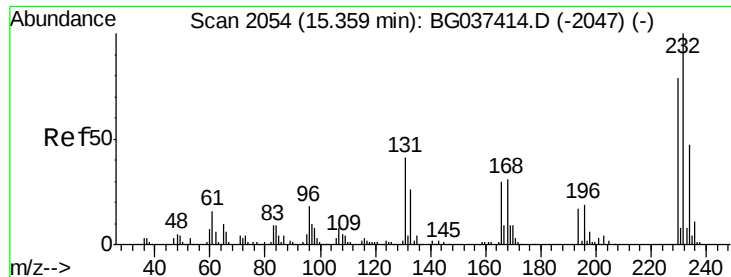
Tot Ion:165	Resp:	230850
Ion	Ratio	Lower Upper
165	100	
63	40.4	33.4 50.0
89	64.0	57.2 85.8
182	2.9	2.6 4.0



#58
Fluorene
Concen: 53.408 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:166	Resp:	688695
Ion	Ratio	Lower Upper
166	100	
165	102.0	79.0 118.6
167	15.0	11.3 16.9

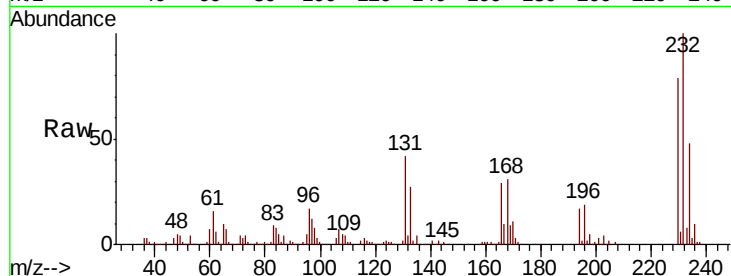




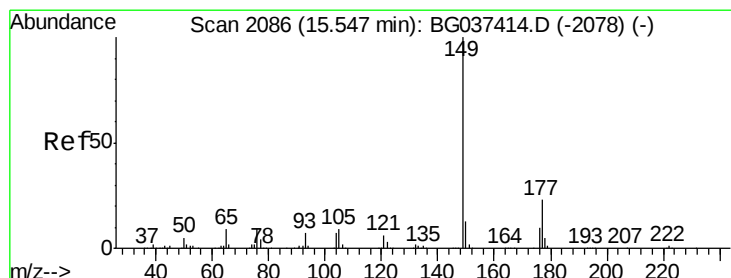
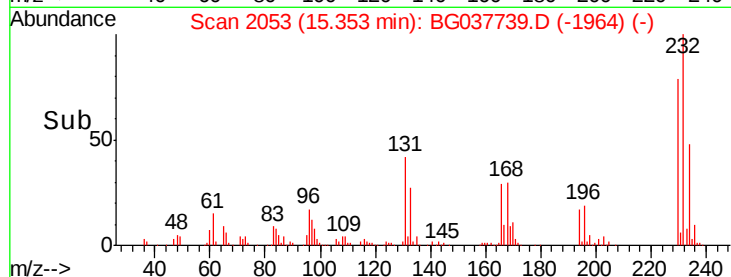
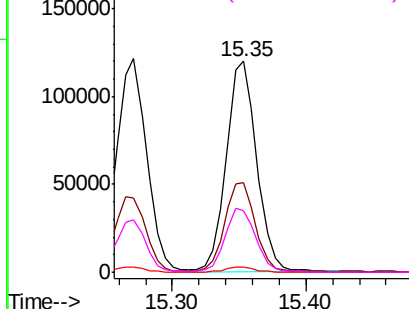
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.061 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	190854
Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.7	50.5
130	2.4	2.1	3.1
166	31.1	24.6	36.8

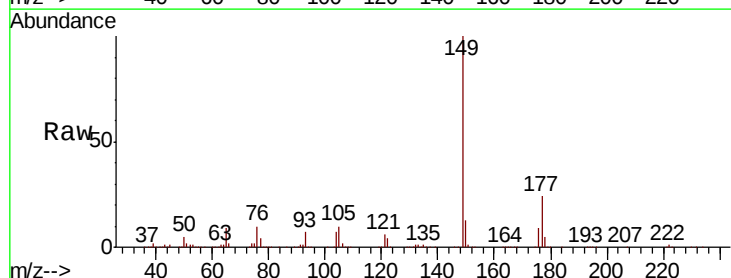


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

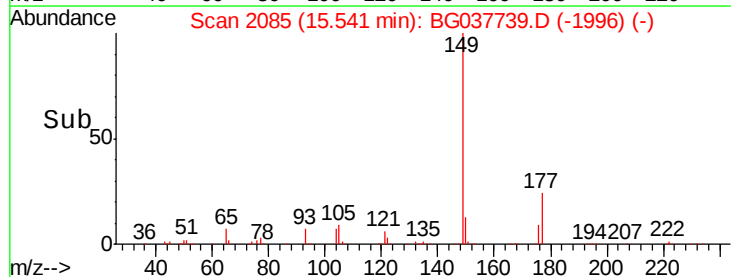
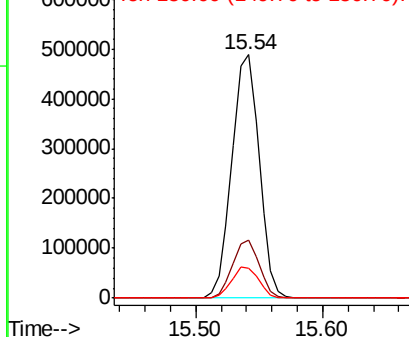


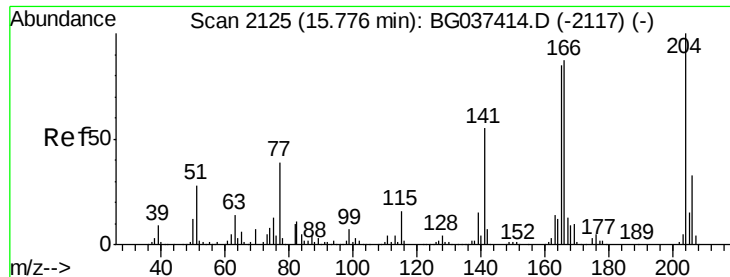
#60
Diethylphthalate
Concen: 51.057 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:	149	Resp:	726070
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	12.5	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

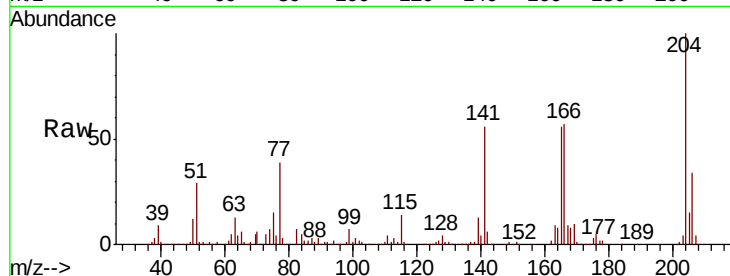




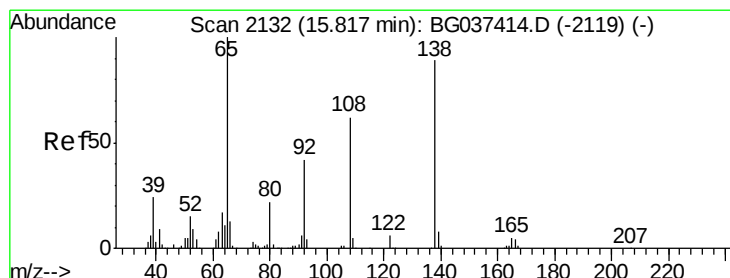
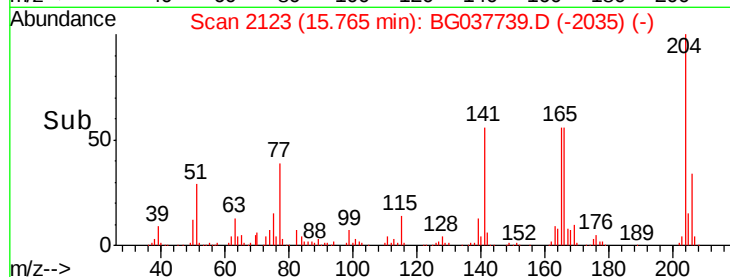
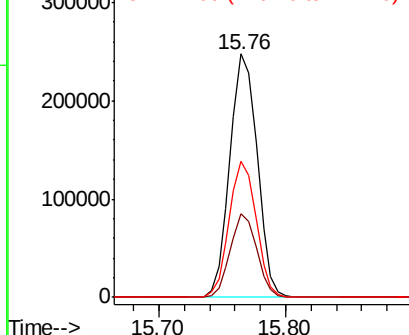
#61
4-Chlorophenyl-phenylether
Concen: 49.101 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 369044
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 55.9 45.4 68.2

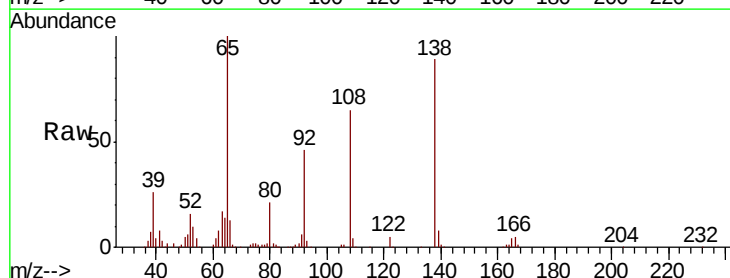


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

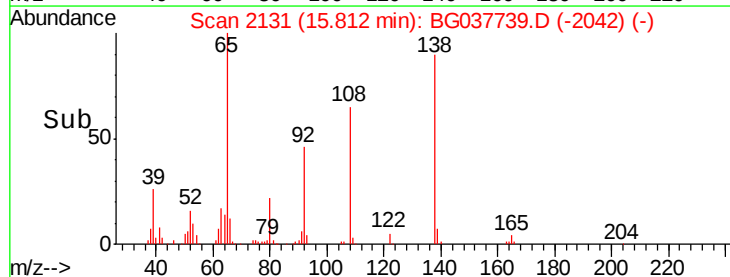
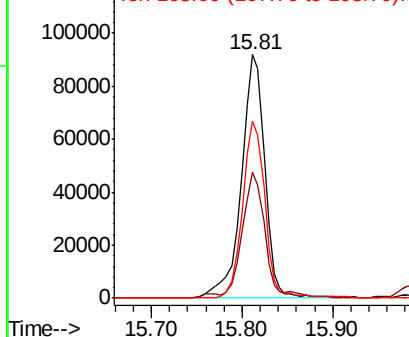


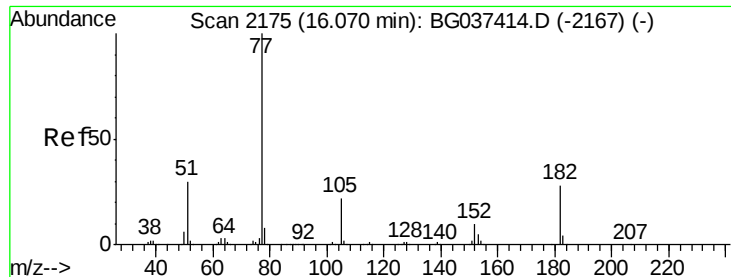
#62
4-Nitroaniline
Concen: 48.900 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:138 Resp: 165294
Ion Ratio Lower Upper
138 100
92 51.8 36.4 76.4
108 72.9 60.1 100.1



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





#63

Azobenzene

Concen: 50.309 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 682614

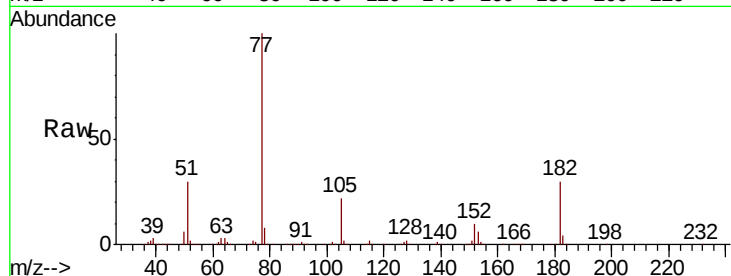
Ion Ratio Lower Upper

77 100

182 30.1 8.0 48.0

105 22.1 1.3 41.3

51 30.3 10.7 50.7

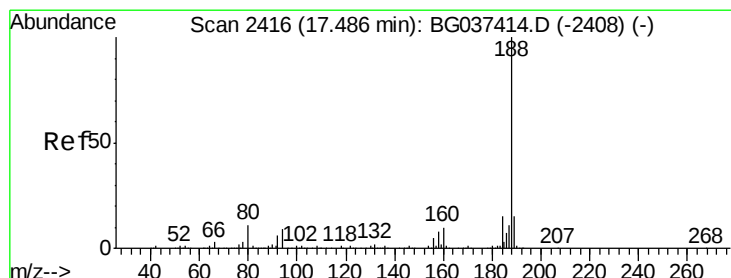
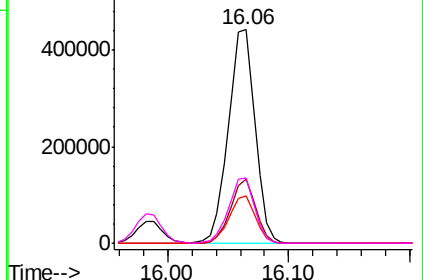
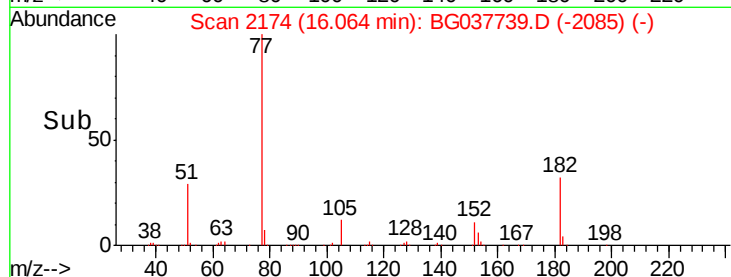


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

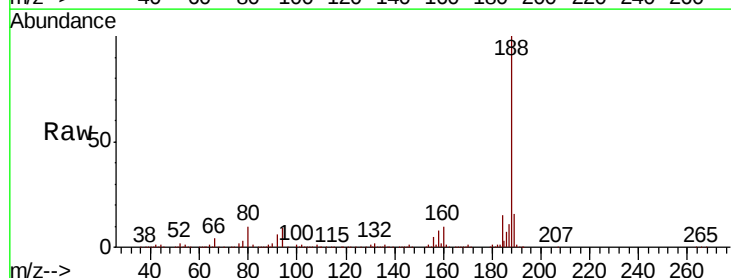
Tgt Ion: 188 Resp: 406430

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

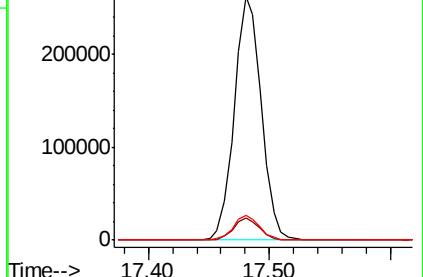
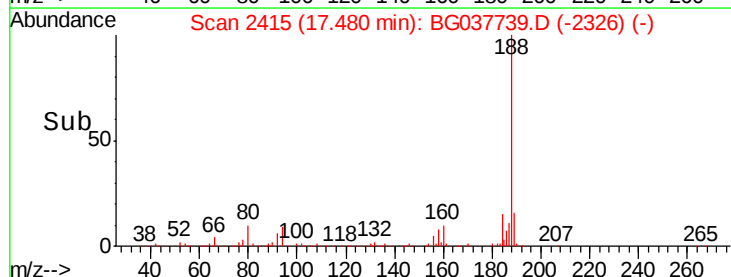
80 9.9 7.7 11.5

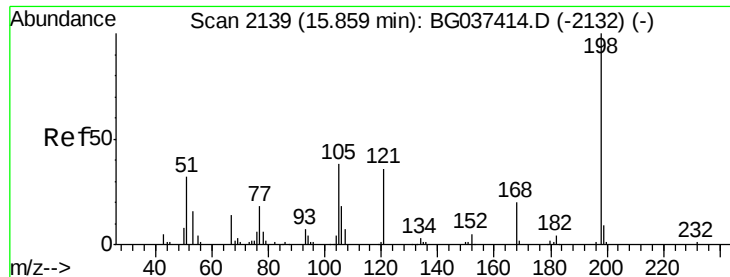


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

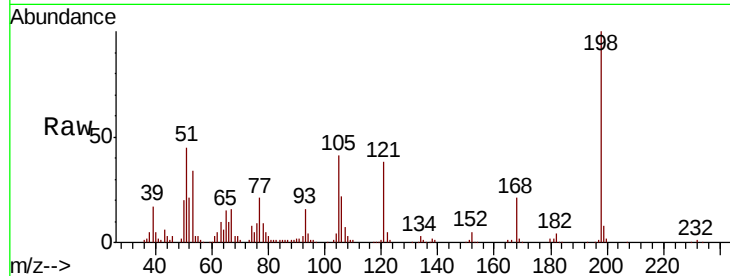




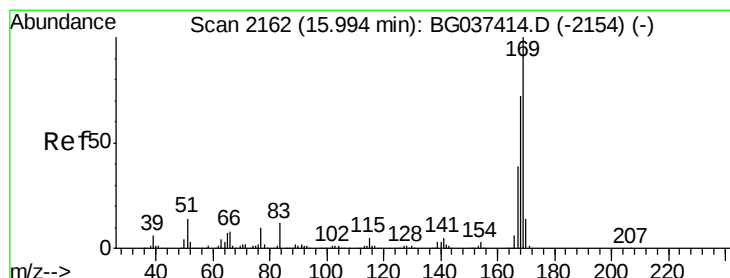
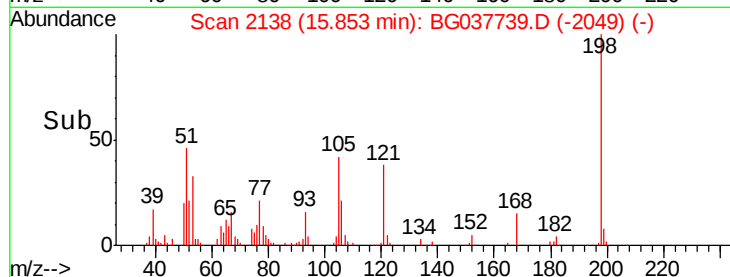
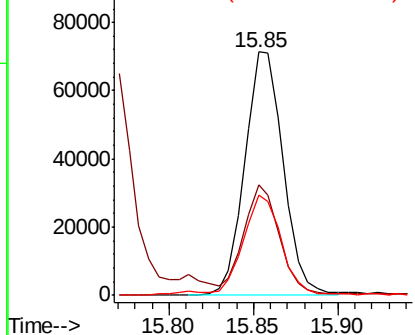
#65
4,6-Dinitro-2-methylphenol
Concen: 52.045 ng
RT: 15.85 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 112858
Ion Ratio Lower Upper
198 100
51 45.4 22.7 62.7
105 41.4 19.7 59.7

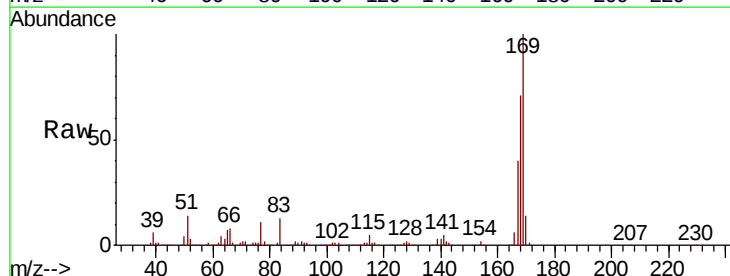


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

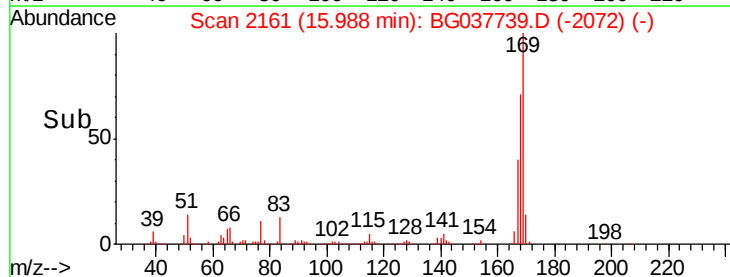
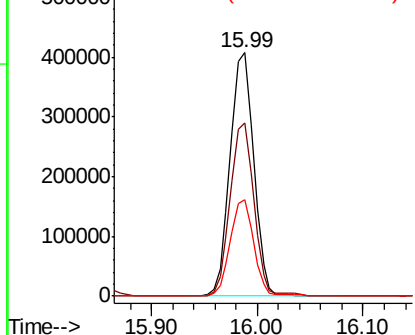


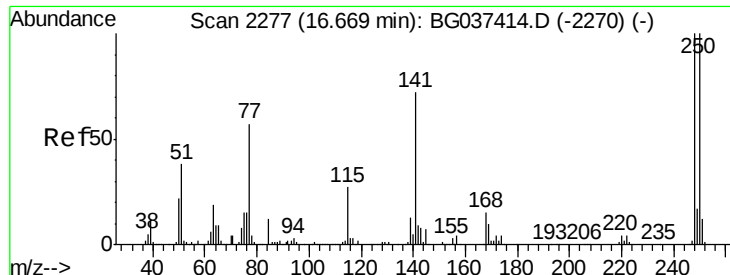
#66
n-Nitrosodiphenylamine
Concen: 51.492 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:169 Resp: 629513
Ion Ratio Lower Upper
169 100
168 71.3 55.7 83.5
167 39.8 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

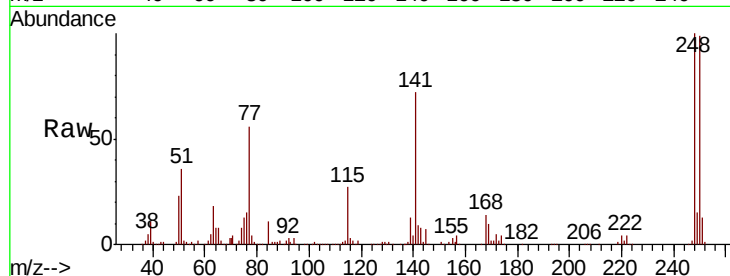




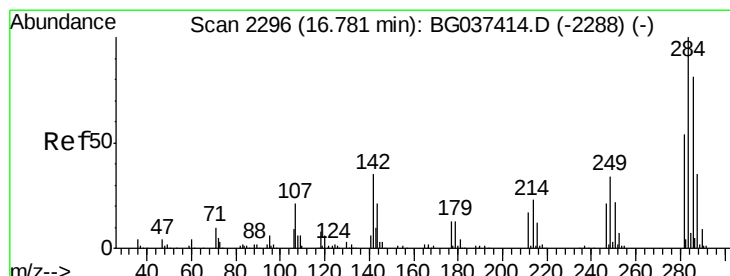
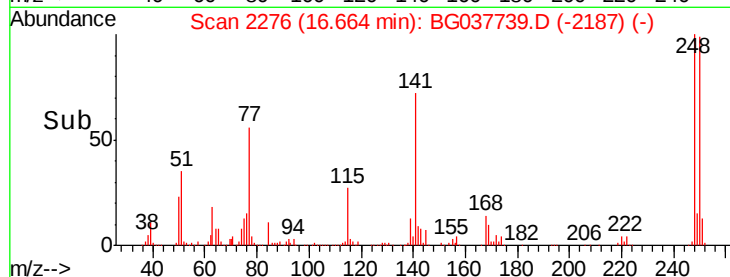
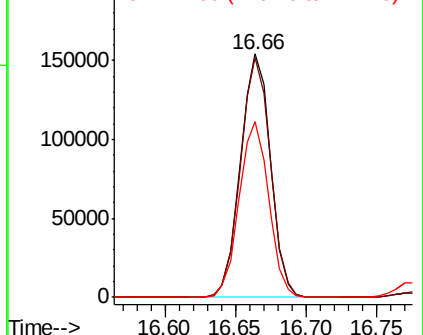
#67
 4-Bromophenyl-phenylether
 Concen: 51.239 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 228694
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.0 115.6
 141 72.0 55.5 83.3

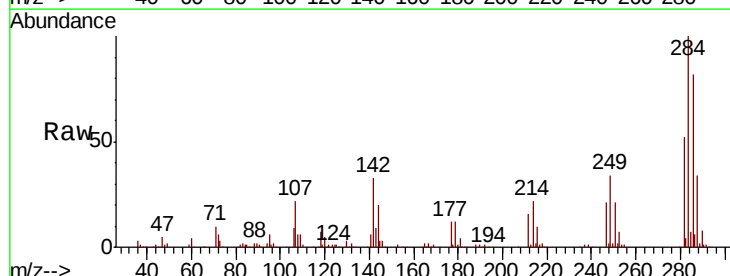


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

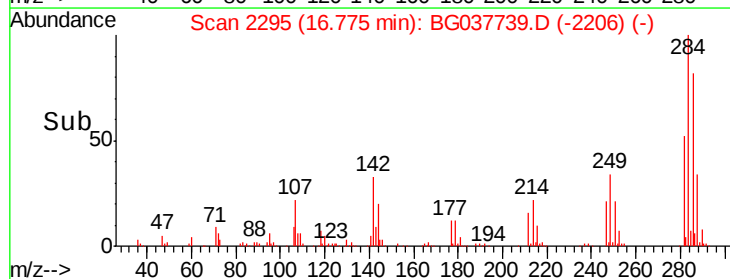
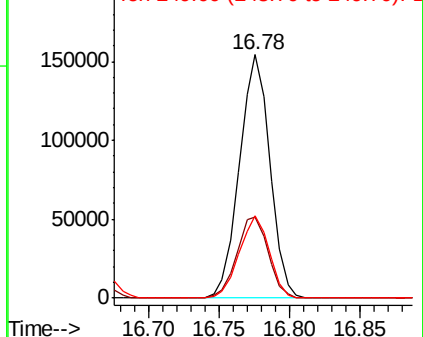


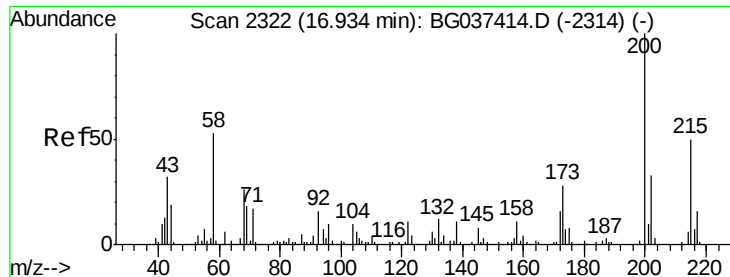
#68
 Hexachlorobenzene
 Concen: 50.278 ng
 RT: 16.78 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037739.D
 Acq: 2 Nov 2018 4:19

Tgt Ion:284 Resp: 232573
 Ion Ratio Lower Upper
 284 100
 142 33.4 28.1 42.1
 249 36.0 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: 42.620 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

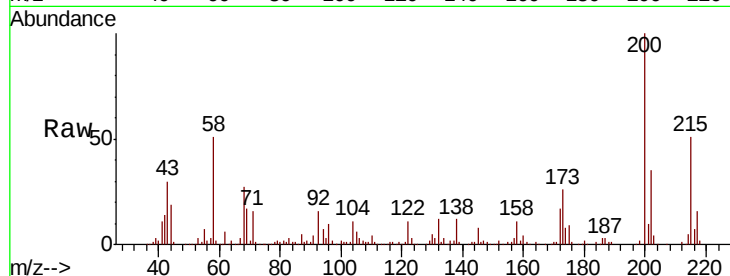
Tot Ion:200 Resp: 188388

Ion Ratio Lower Upper

200 100

173 26.4 6.1 46.1

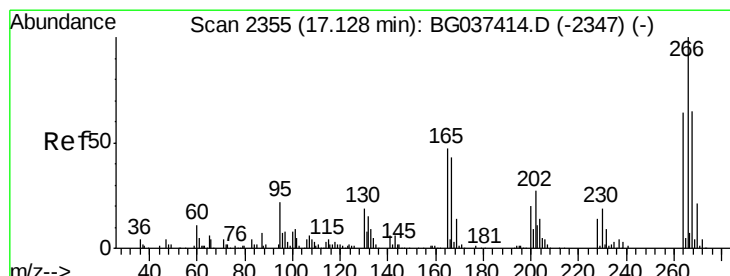
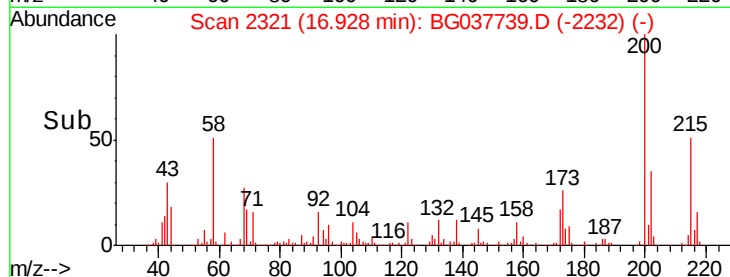
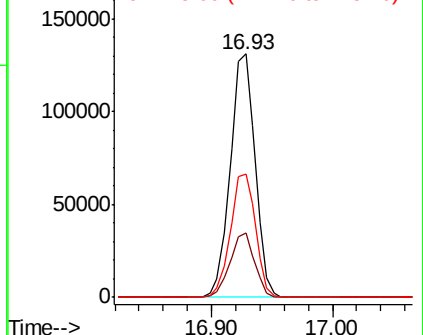
215 50.8 30.8 70.8



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: 88.757 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

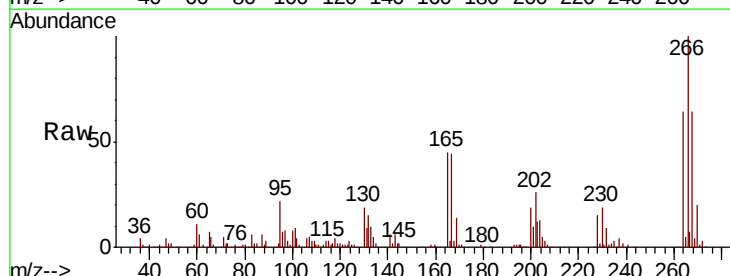
Tgt Ion:266 Resp: 275014

Ion Ratio Lower Upper

266 100

268 68.5 55.0 82.6

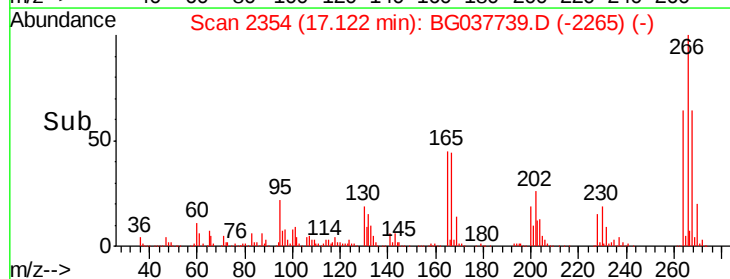
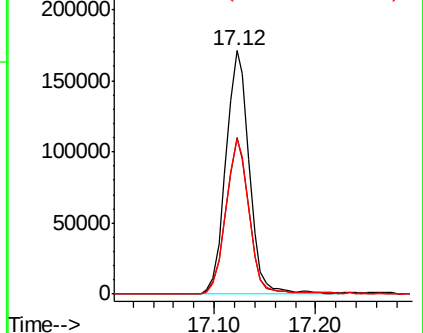
264 68.3 58.9 88.3

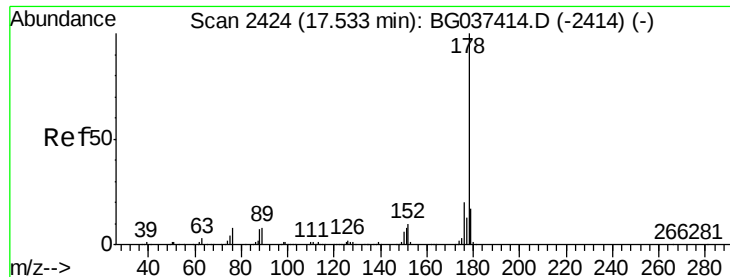


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

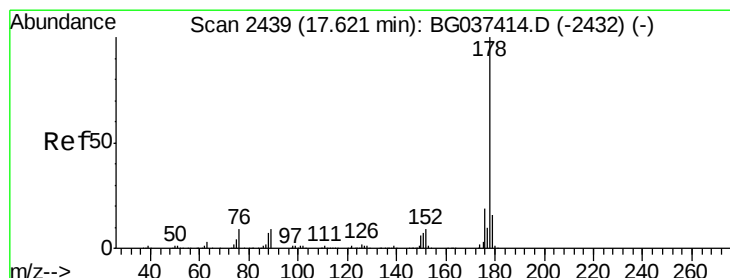
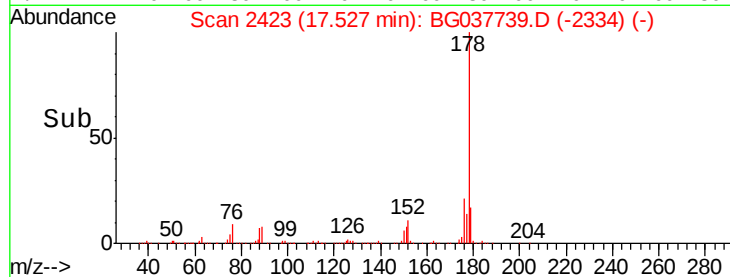
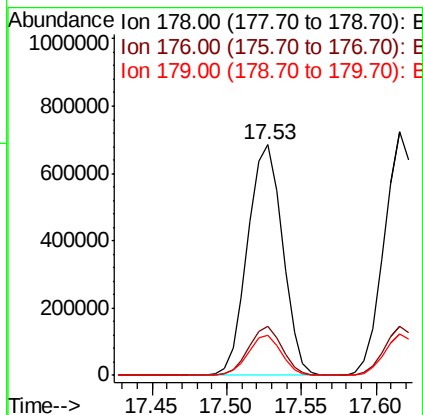
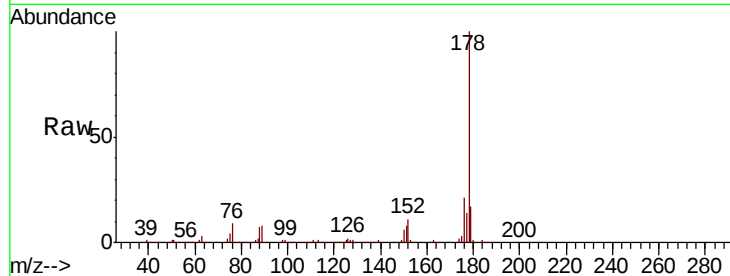




#71
Phenanthrene
Concen: 53.831 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

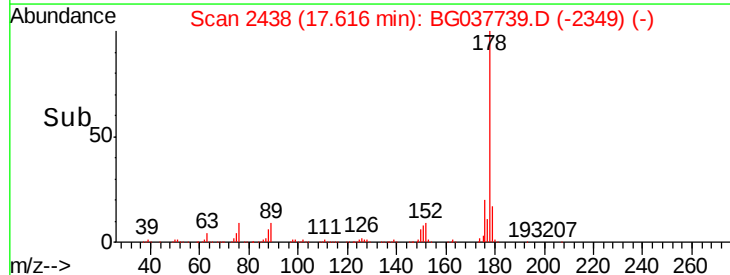
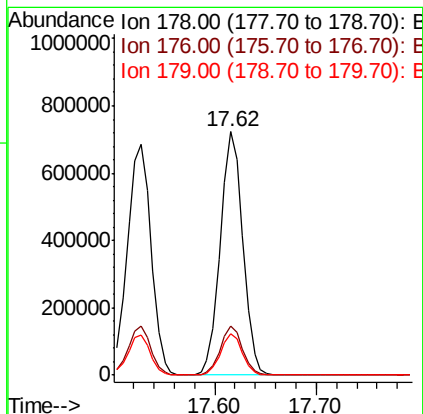
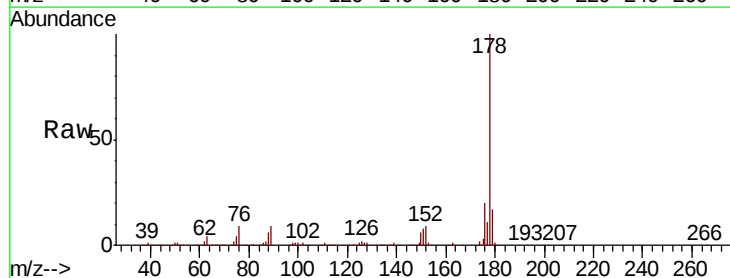
Instrument :
BNA_G
ClientSampleId :

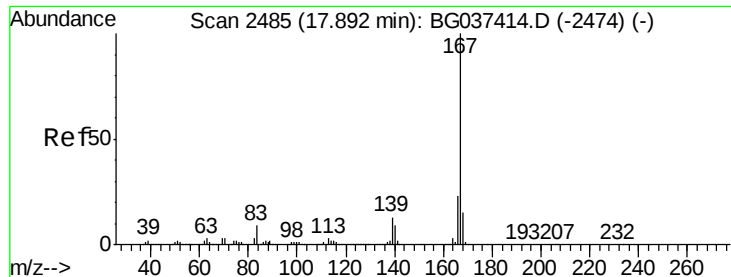
Tot Ion:178 Resp: 1111943
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 17.1 13.0 19.4



#72
Anthracene
Concen: 55.126 ng
RT: 17.62 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:178 Resp: 1117460
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.4
179 17.1 12.8 19.2





#73

Carbazole

Concen: 50.003 ng

RT: 17.89 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

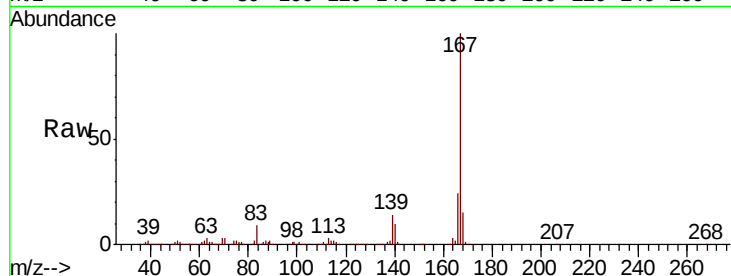
Tot Ion:167 Resp: 1013907

Ion Ratio Lower Upper

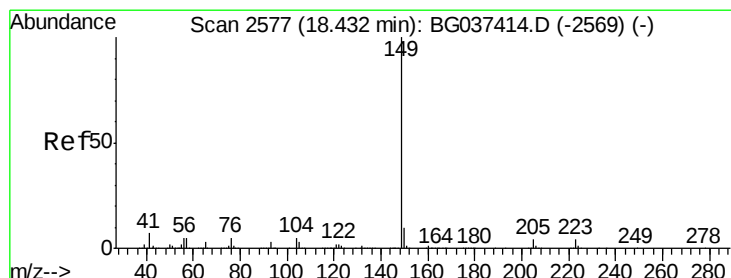
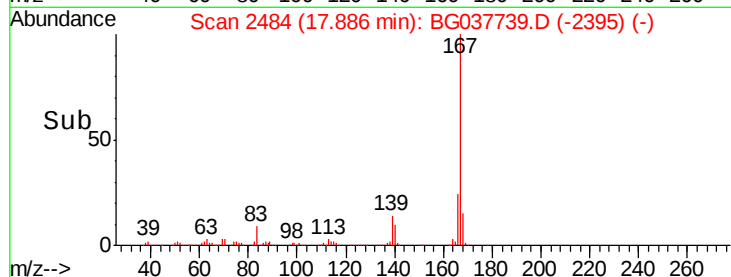
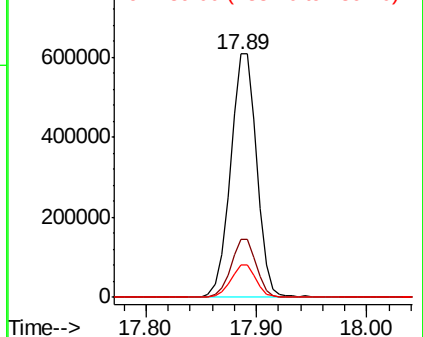
167 100

166 23.9 18.3 27.5

139 13.5 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: 53.274 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

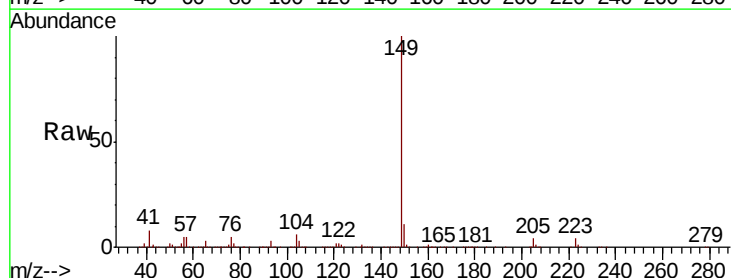
Tgt Ion:149 Resp: 1201682

Ion Ratio Lower Upper

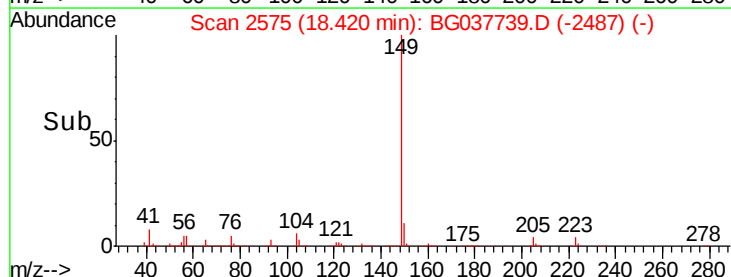
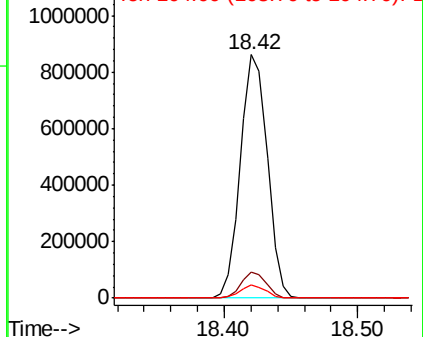
149 100

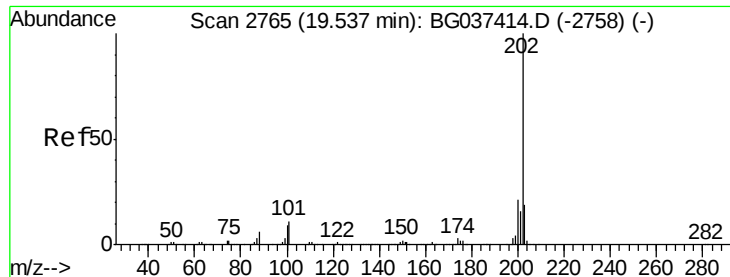
150 10.6 8.2 12.2

104 5.5 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: 54.091 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampled :

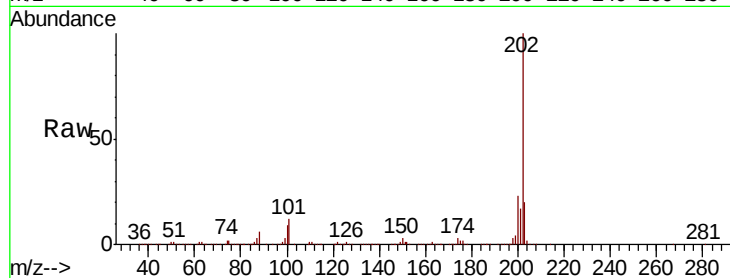
Tot Ion:202 Resp: 1267228

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

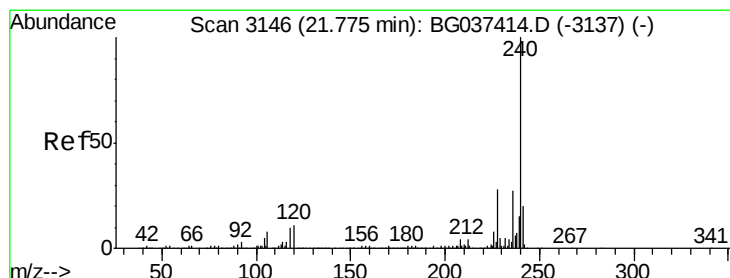
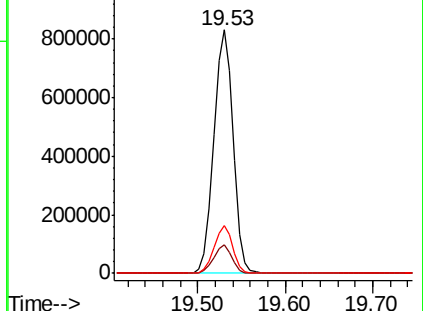
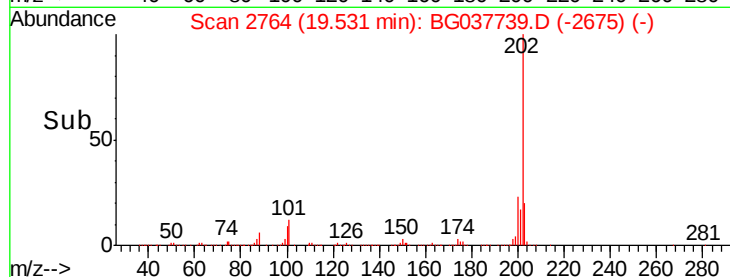
203 19.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

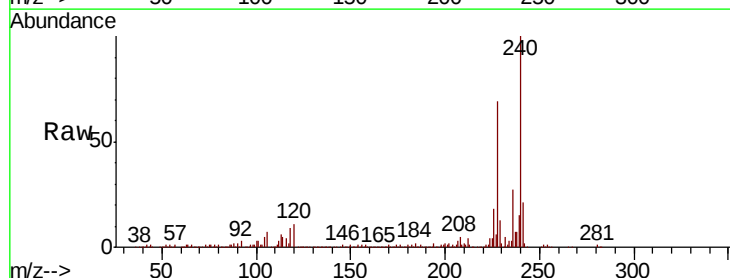
Tgt Ion:240 Resp: 357404

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

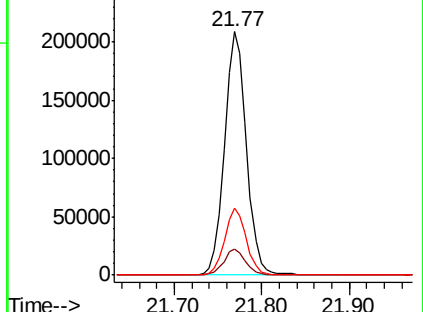
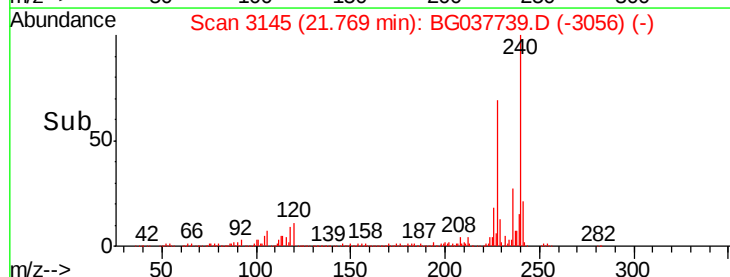
236 27.5 21.4 32.0



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: 5.005 ng

RT: 19.72 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

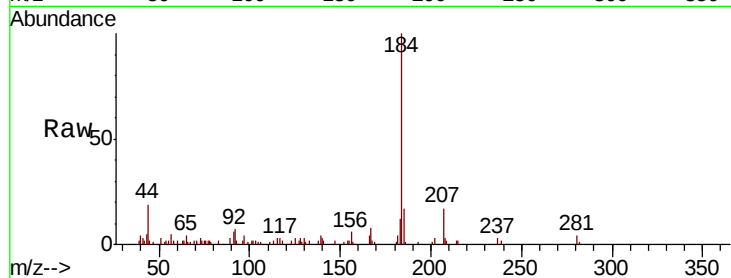
Tot Ion:184 Resp: 60824

Ion Ratio Lower Upper

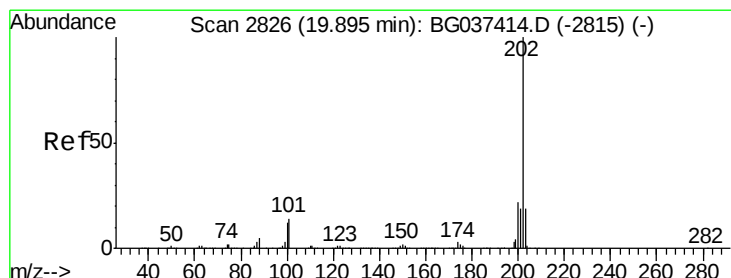
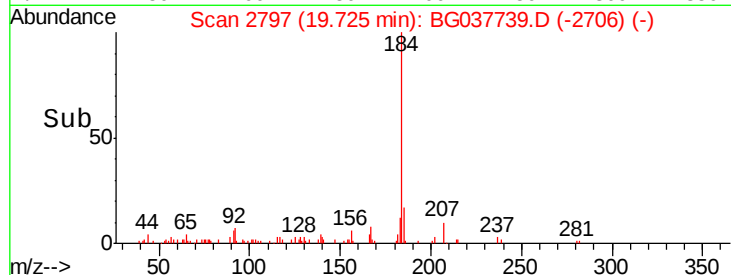
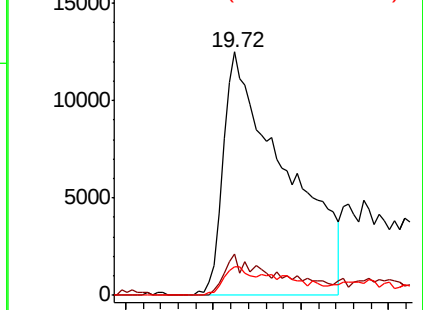
184 100

185 16.9 12.6 18.8

183 12.0 10.2 15.2



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



#78

Pyrene

Concen: 53.914 ng

RT: 19.90 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

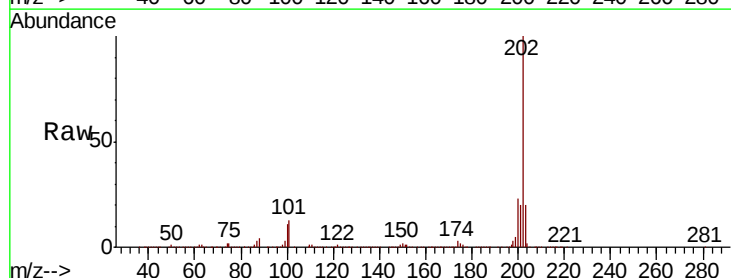
Tgt Ion:202 Resp: 1259651

Ion Ratio Lower Upper

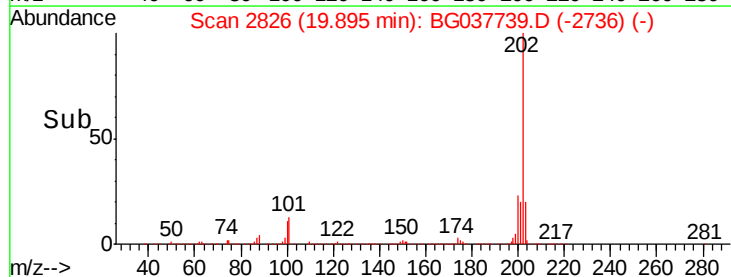
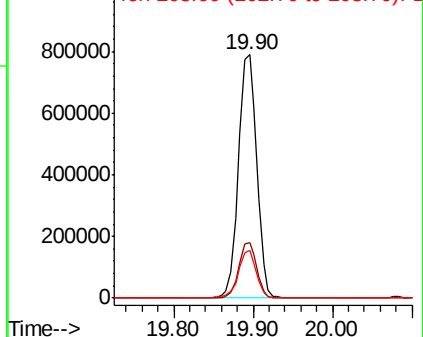
202 100

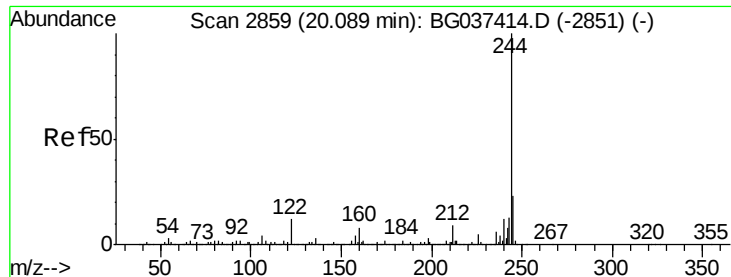
200 22.9 17.8 26.6

203 19.7 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: 85.279 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

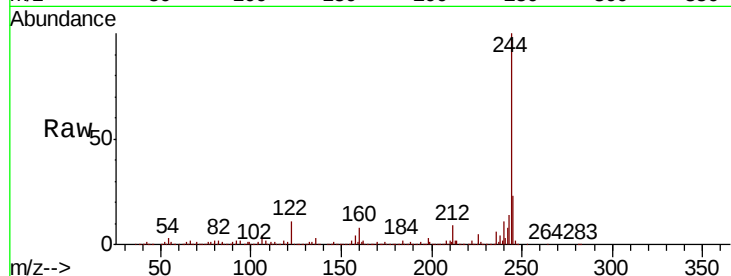
Tot Ion:244 Resp: 1426415

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

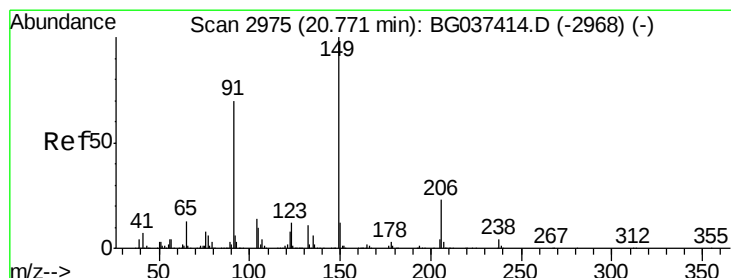
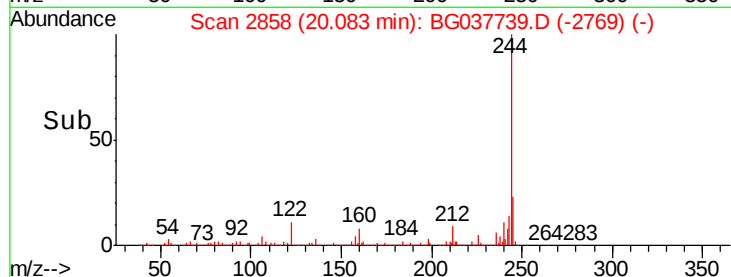
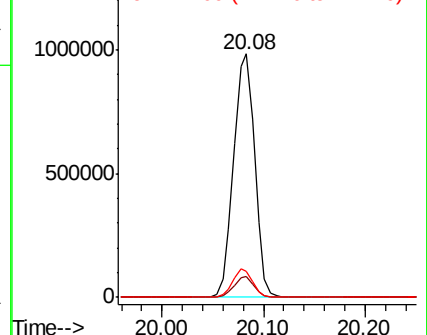
122 10.8 9.0 13.4



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: 58.525 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

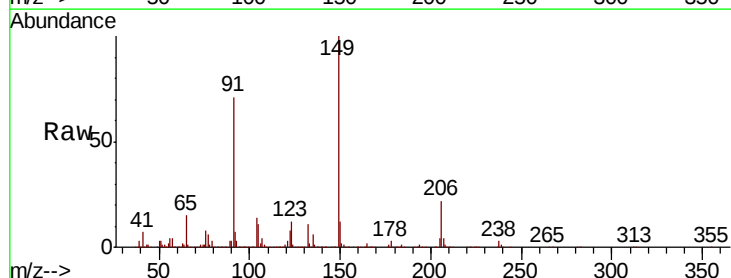
Tgt Ion:149 Resp: 559615

Ion Ratio Lower Upper

149 100

91 71.2 57.0 85.4

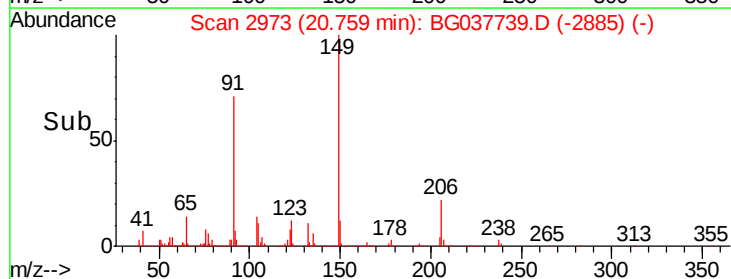
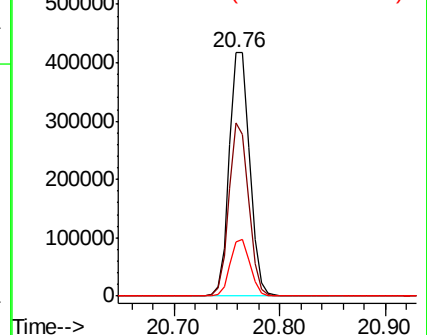
206 22.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

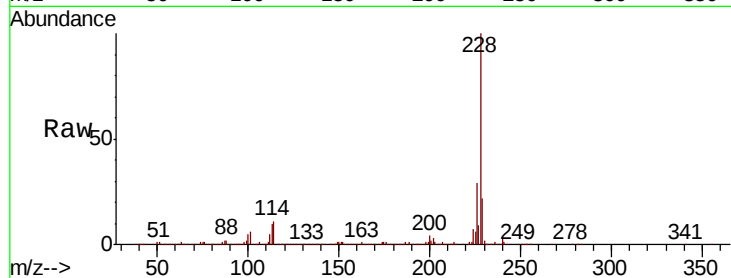




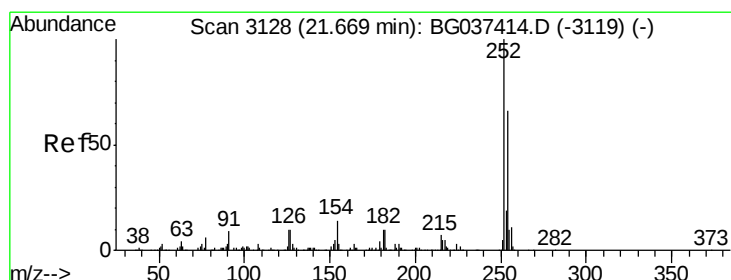
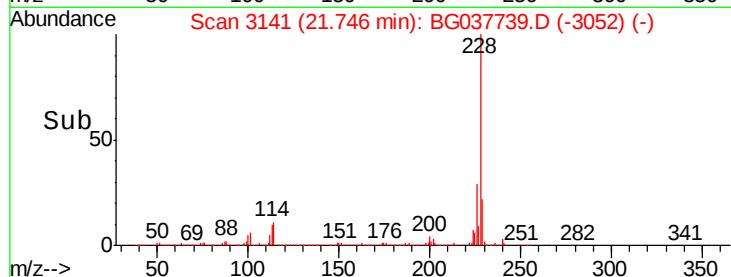
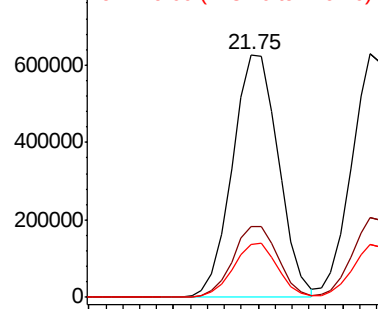
#81
Benzo(a)anthracene
Concen: 55.864 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1180970
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 21.9 16.3 24.5

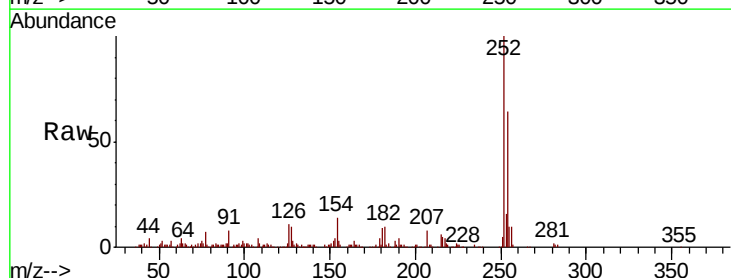


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

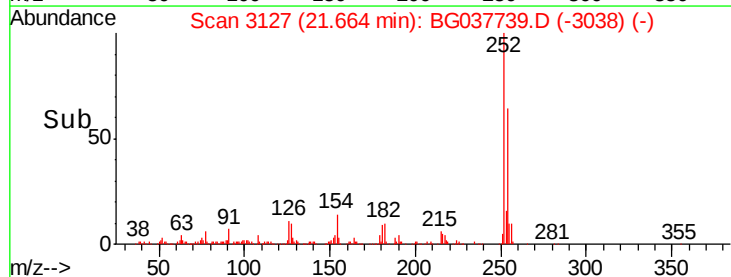
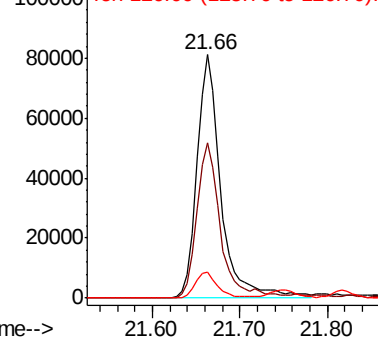


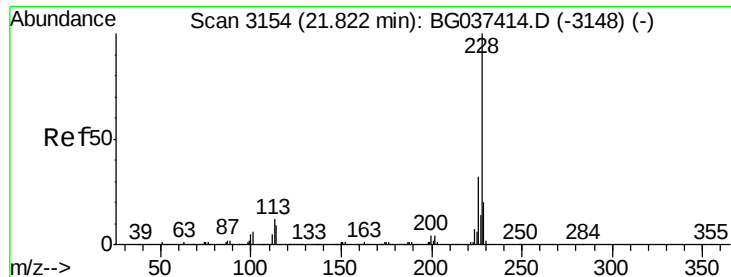
#82
3,3'-Dichlorobenzidine
Concen: 18.693 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion:252 Resp: 153175
Ion Ratio Lower Upper
252 100
254 63.8 52.0 78.0
126 10.6 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: 55.331 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

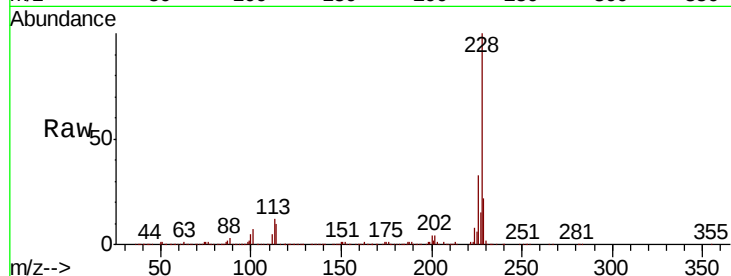
Tot Ion:228 Resp: 1124755

Ion Ratio Lower Upper

228 100

226 32.9 25.7 38.5

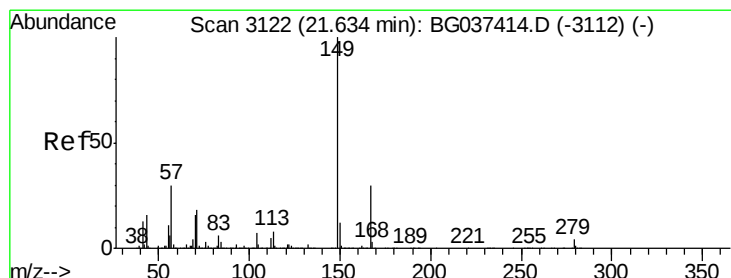
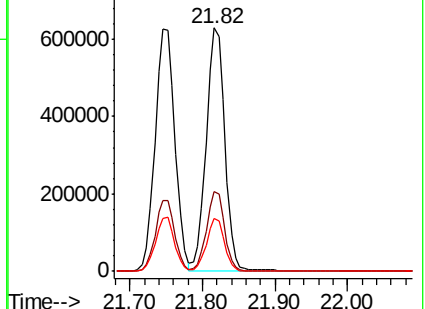
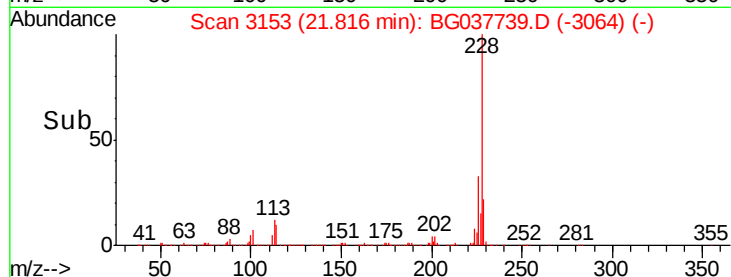
229 21.9 16.5 24.7



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: 58.240 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

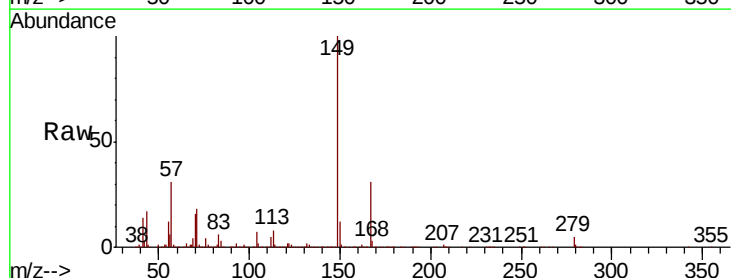
Tgt Ion:149 Resp: 780601

Ion Ratio Lower Upper

149 100

167 30.7 23.0 34.4

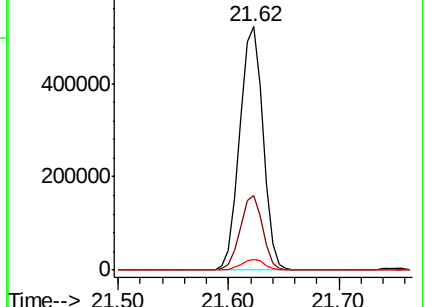
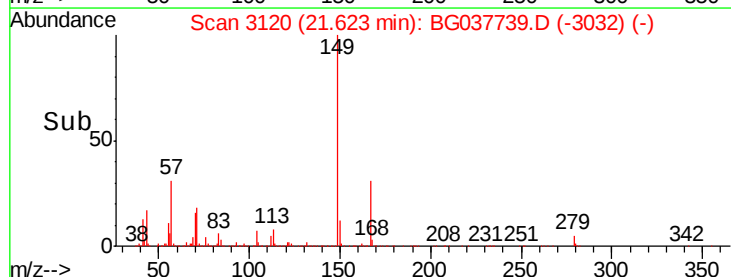
279 4.6 3.6 5.4

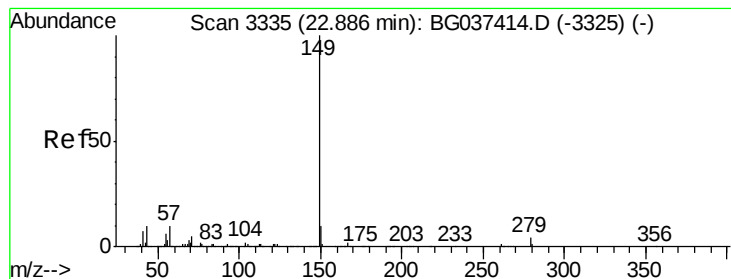


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.685 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

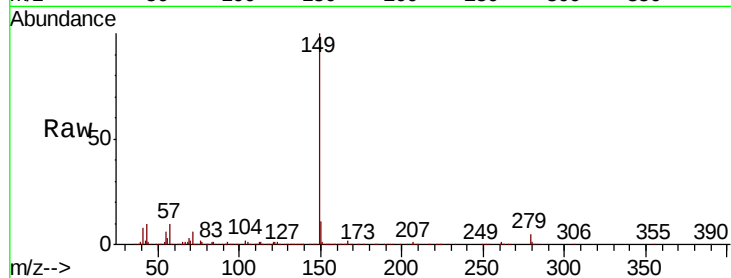
Tot Ion:149 Resp: 1304469

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

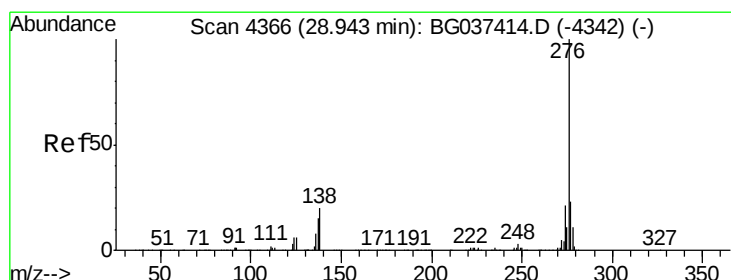
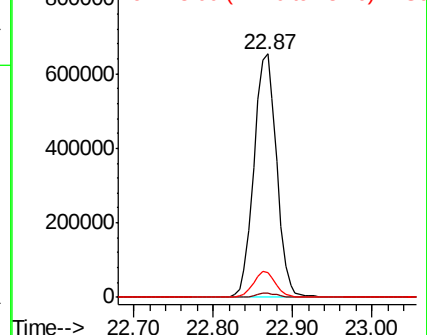
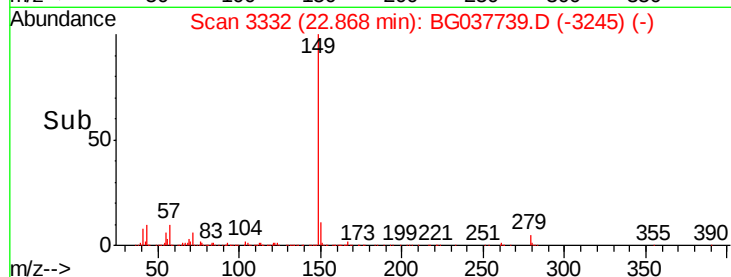
43 10.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.740 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

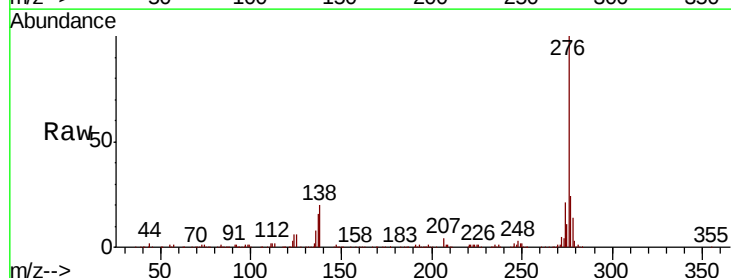
Tgt Ion:276 Resp: 1084465

Ion Ratio Lower Upper

276 100

138 15.0 12.0 18.0

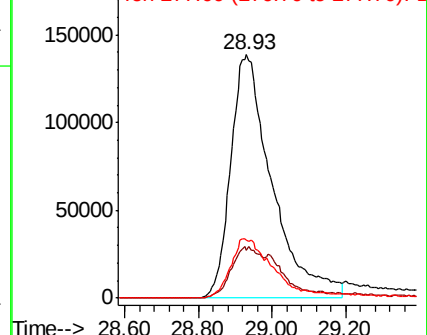
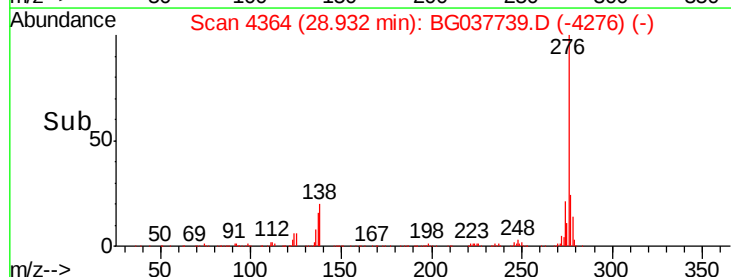
277 24.7 20.6 30.8

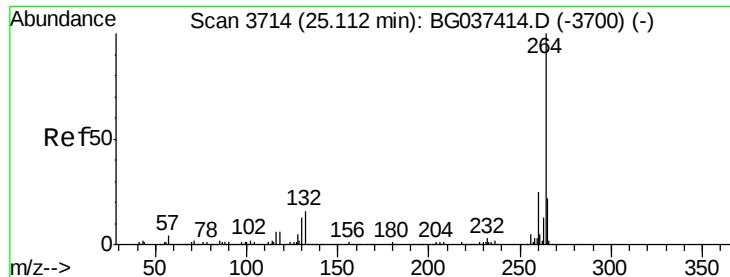


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



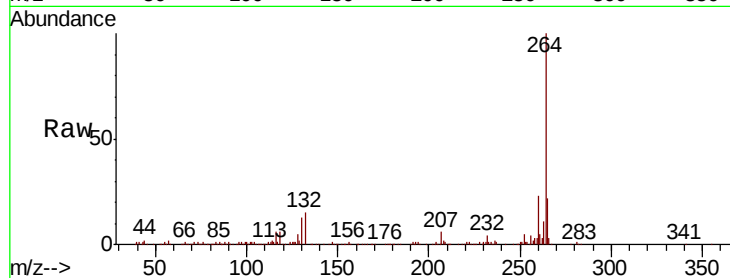


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

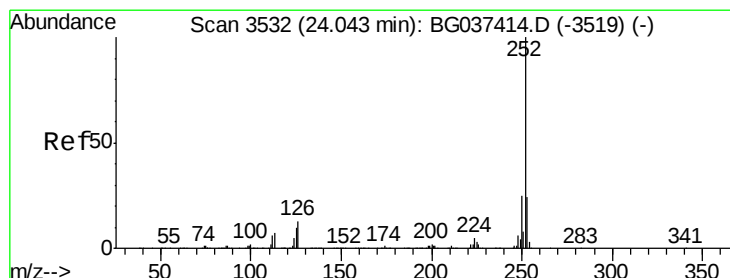
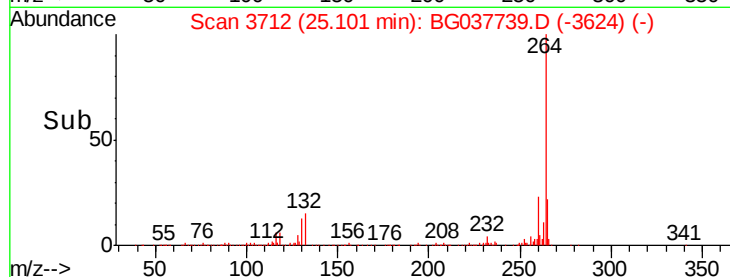
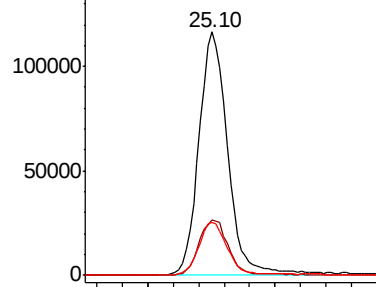
Tot Ion:264 Resp: 366584

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.7	17.9	26.9



Abundance

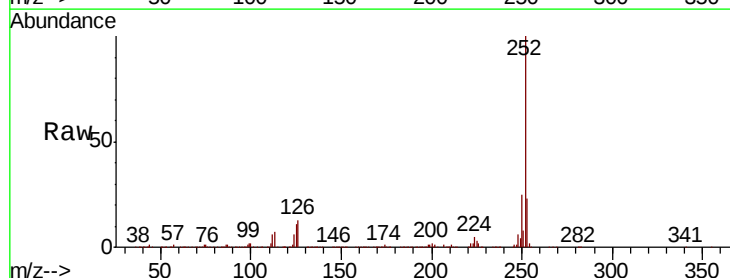
Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 57.092 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

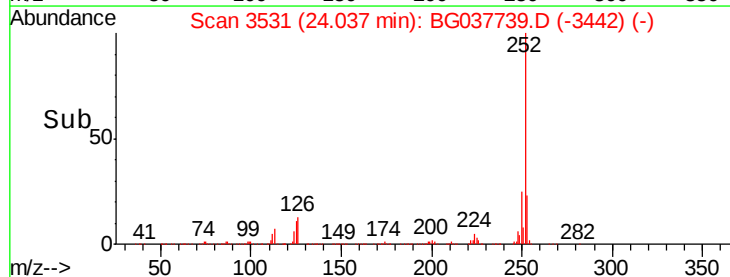
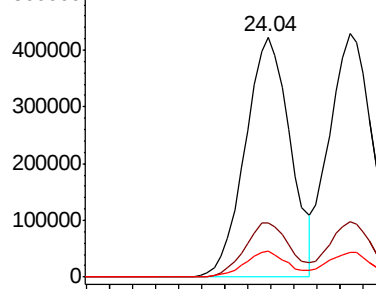
Tgt Ion:252 Resp: 1147416

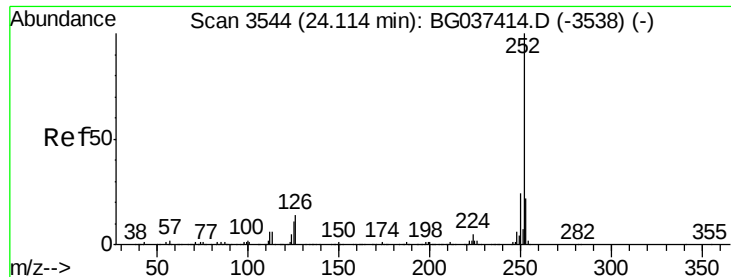
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.6	7.8	11.6



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: 58.166 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

Instrument :

BNA_G

ClientSampleId :

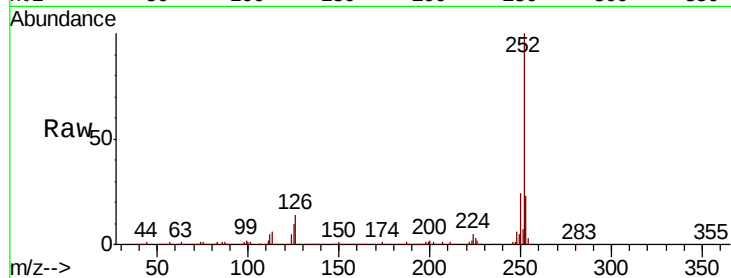
Tot Ion:252 Resp: 1145290

Ion Ratio Lower Upper

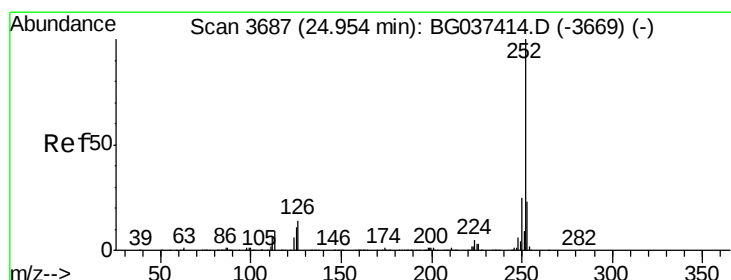
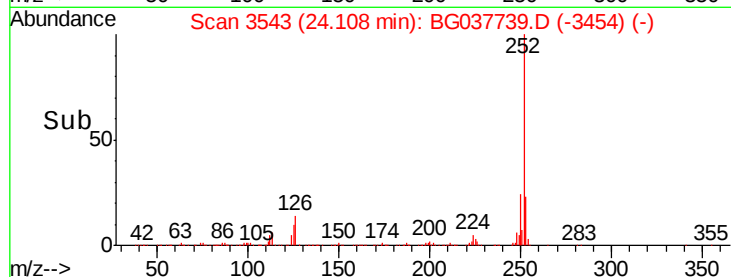
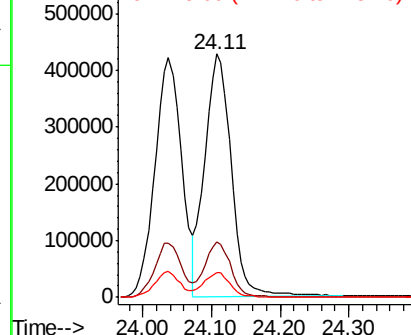
252 100

253 23.0 17.4 26.2

125 10.3 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: 59.214 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037739.D

Acq: 2 Nov 2018 4:19

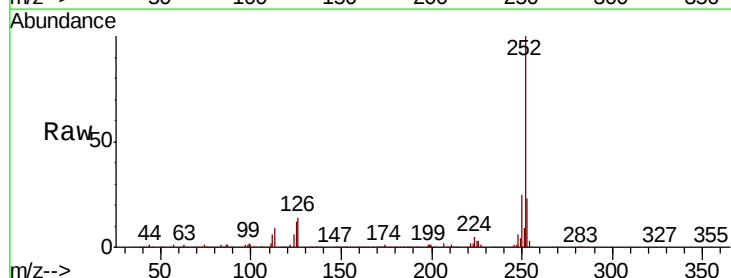
Tgt Ion:252 Resp: 1130818

Ion Ratio Lower Upper

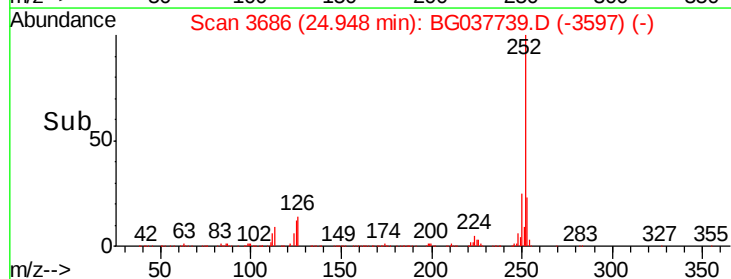
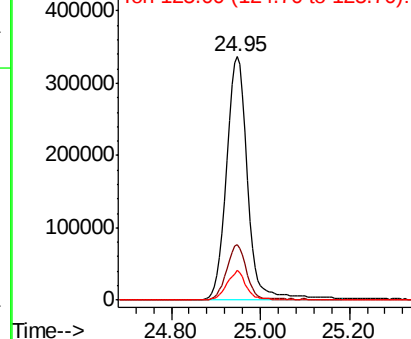
252 100

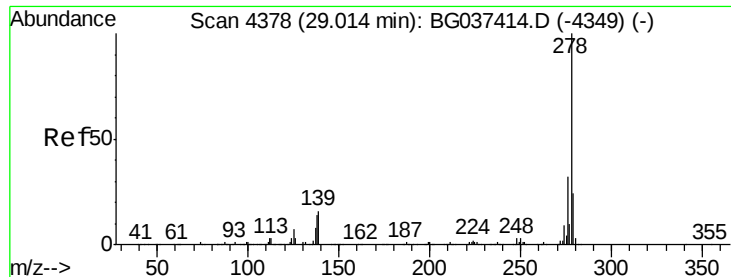
253 22.9 17.4 26.2

125 12.1 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

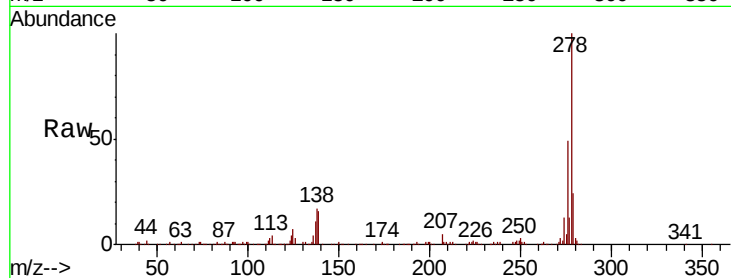




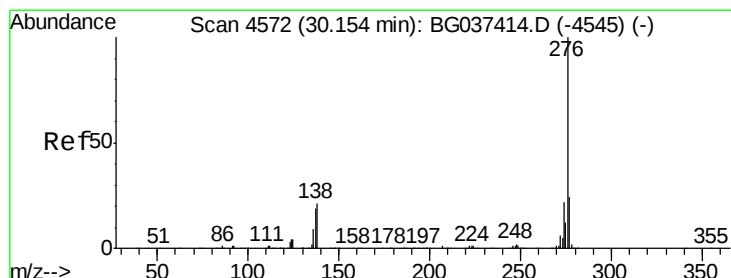
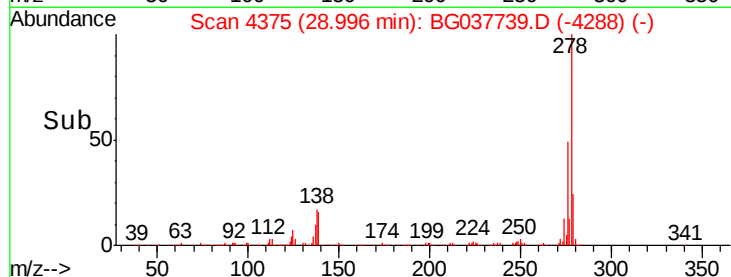
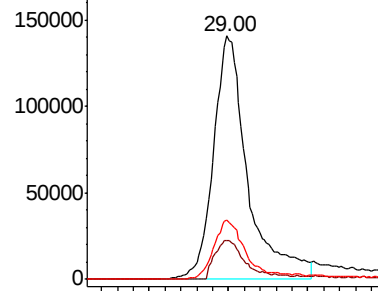
#91
Dibenzo(a,h)anthracene
Concen: 48.258 ng
RT: 29.00 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	24.4	18.6	27.8

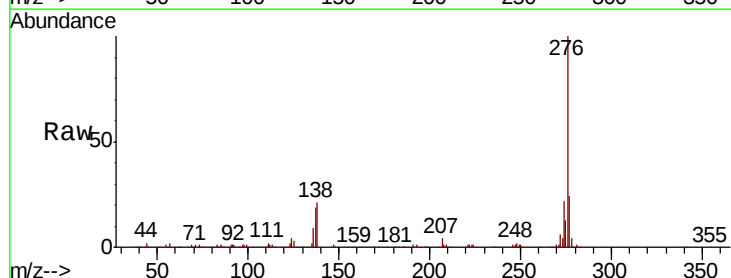


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.730 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.02 min
Lab File: BG037739.D
Acq: 2 Nov 2018 4:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	21.0	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

