

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037443.D
 Acq On : 19 Oct 2018 7:06
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 8 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 09:04:53 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	8.11	152	49693	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	231814	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	155718	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	380969	20.00	ng	0.00
76) Chrysene-d12	21.77	240	356610	20.00	ng	0.00
87) Perylene-d12	25.10	264	358211	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	433727	145.92	ng	0.00
7) Phenol-d6	7.25	99	637279	141.79	ng	0.00
23) Nitrobenzene-d5	9.28	82	347350	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	241924	142.44	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	849570	82.27	ng	0.00
79) Terphenyl-d14	20.09	244	1313846	78.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	11050	7.331	ng	98
3) Pyridine	3.94	79	29659	7.807	ng	89
4) n-Nitrosodimethylamine	3.86	42	12271	9.068	ng	95
6) Aniline	7.43	93	33432	6.097	ng	94
8) 2-Chlorophenol	7.66	128	29047	8.354	ng	98
9) Benzaldehyde	7.25	77	22967	8.169	ng	99
10) Phenol	7.27	94	38988	8.221	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	28732	7.977	ng	89
12) 1,3-Dichlorobenzene	8.00	146	30252	7.815	ng	98
13) 1,4-Dichlorobenzene	8.14	146	31247	7.891	ng	99
14) 1,2-Dichlorobenzene	8.46	146	29622	7.777	ng	96
15) Benzyl Alcohol	8.34	79	25794	7.767	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	52903	8.209	ng	98
17) 2-Methylphenol	8.54	107	25998	8.292	ng	93
18) Hexachloroethane	9.20	117	10791	7.994	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	22728	7.343	ng	97
20) 3+4-Methylphenols	8.86	107	36670	8.181	ng	92
22) Acetophenone	8.94	105	46307	7.965	ng	# 94
24) Nitrobenzene	9.32	77	35215	8.192	ng	92
25) Isophorone	9.84	82	65235	8.628	ng	96
26) 2-Nitrophenol	10.04	139	13406	6.922	ng	97
27) 2,4-Dimethylphenol	10.08	122	30337	8.774	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	40188	8.112	ng	96
29) 2,4-Dichlorophenol	10.56	162	29901	7.767	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	32535	7.771	ng	96
31) Naphthalene	10.98	128	98118	8.617	ng	99
32) Benzoic acid	10.14	122	9485	4.223	ng	# 82
33) 4-Chloroaniline	11.09	127	31475	5.883	ng	95
34) Hexachlorobutadiene	11.25	225	18822	7.585	ng	100
35) Caprolactam	11.85	113	10707	6.934	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	32739	7.540	ng	90
37) 2-Methylnaphthalene	12.57	142	73939	8.908	ng	96
38) 1-Methylnaphthalene	12.57	142	73939	9.173	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	38401	7.645	ng	99

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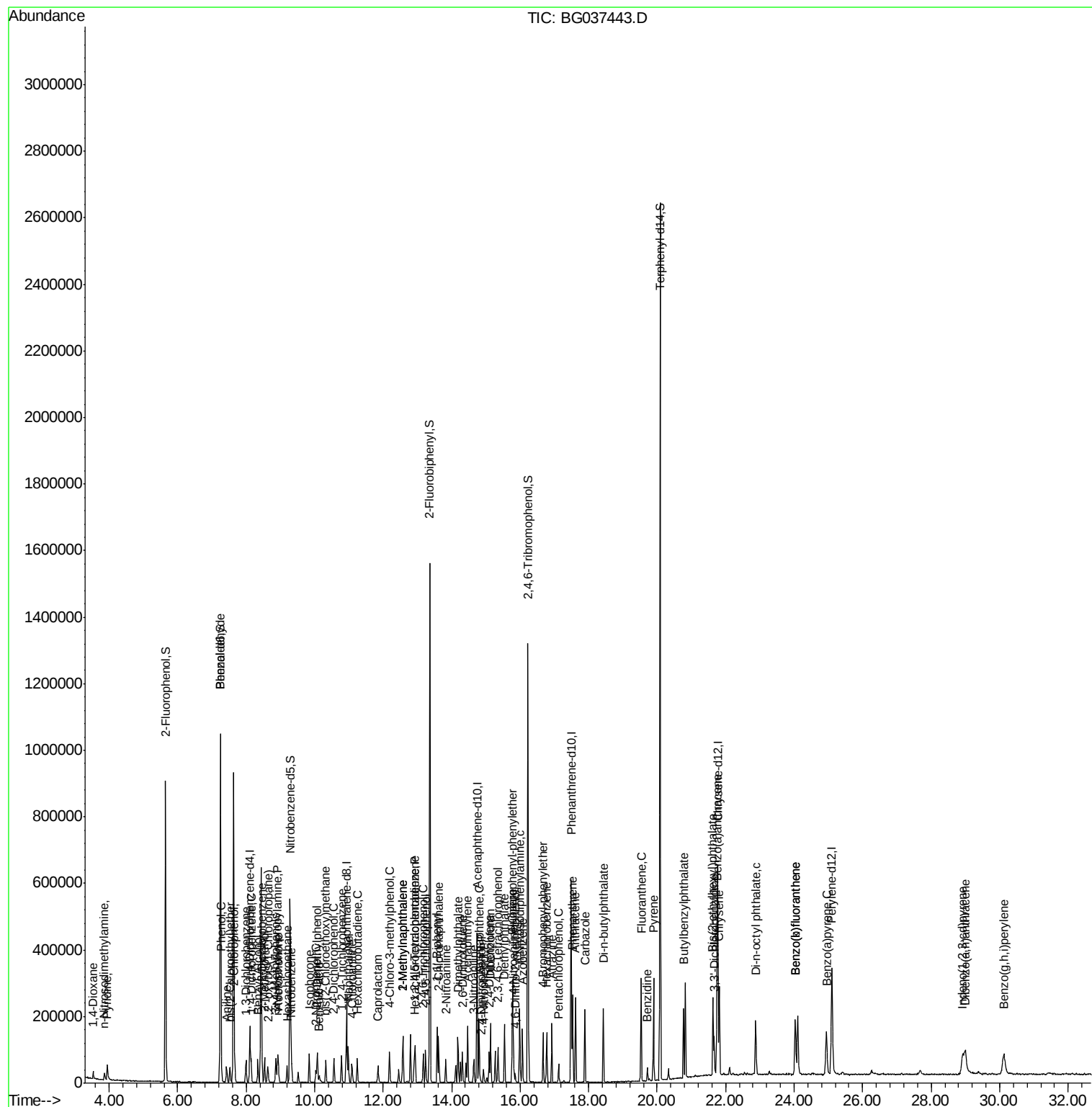
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	19023	7.929	nq	92
43) 2,4,6-Trichlorophenol	13.17	196	24779	7.384	nq	96
44) 2,4,5-Trichlorophenol	13.24	196	28491	7.798	nq	97
46) 1,1'-Biphenyl	13.57	154	95951	7.440	nq	98
47) 2-Chloronaphthalene	13.62	162	77437	7.937	nq	99
48) 2-Nitroaniline	13.83	65	21555	7.285	nq	96
49) Acenaphthylene	14.47	152	129263	8.808	nq	99
50) Dimethylphthalate	14.18	163	100696	8.359	nq	98
51) 2,6-Dinitrotoluene	14.31	165	20759	7.790	nq	96
52) Acenaphthene	14.81	154	75219	8.322	nq	96
53) 3-Nitroaniline	14.65	138	19470	6.581	nq	93
54) 2,4-Dinitrophenol	14.85	184	1747	8.908	nq	# 78
55) Dibenzofuran	15.14	168	128501	8.581	nq	98
56) 4-Nitrophenol	14.93	139	13353	6.098	nq	96
57) 2,4-Dinitrotoluene	15.09	165	26258	7.506	nq	95
58) Fluorene	15.79	166	102299	9.122	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.35	232	25183	8.051	nq	# 100
60) Diethylphthalate	15.54	149	103165	8.341	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	53106	8.124	nq	94
62) 4-Nitroaniline	15.81	138	22323	7.594	nq	93
63) Azobenzene	16.06	77	100398	8.508	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	6960	11.372	nq	88
66) n-Nitrosodiphenylamine	15.99	169	89923	7.847	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	31496	7.528	nq	96
68) Hexachlorobenzene	16.78	284	32622	7.524	nq	97
69) Atrazine	16.93	200	33133	7.997	nq	99
70) Pentachlorophenol	17.12	266	11610	3.997	nq	# 89
71) Phenanthrene	17.53	178	173877	8.980	nq	97
72) Anthracene	17.61	178	176003	9.263	nq	99
73) Carbazole	17.89	167	153562	8.079	nq	97
74) Di-n-butylphthalate	18.43	149	171989	8.134	nq	98
75) Fluoranthene	19.53	202	195773	8.915	nq	100
77) Benzidine	19.71	184	28785	2.374	nq	98
78) Pyrene	19.89	202	201913	8.661	nq	98
80) Butylbenzylphthalate	20.77	149	70389	7.378	nq	92
81) Benzo(a)anthracene	21.75	228	185152	8.778	nq	97
82) 3,3'-Dichlorobenzidine	21.66	252	45117	5.518	nq	94
83) Chrysene	21.82	228	175558	8.656	nq	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	101060	7.557	nq	99
85) Di-n-octyl phthalate	22.88	149	165511	7.590	nq	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	155250	7.137	nq	# 89
88) Benzo(b)fluoranthene	24.03	252	167824	8.546	nq	99
89) Benzo(k)fluoranthene	24.03	252	167824	8.722	nq	99
90) Benzo(a)pyrene	24.94	252	159814	8.564	nq	100
91) Dibenzo(a,h)anthracene	29.00	278	128060	7.440	nq	# 95
92) Benzo(g,h,i)perylene	30.12	276	134882	7.745	nq	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

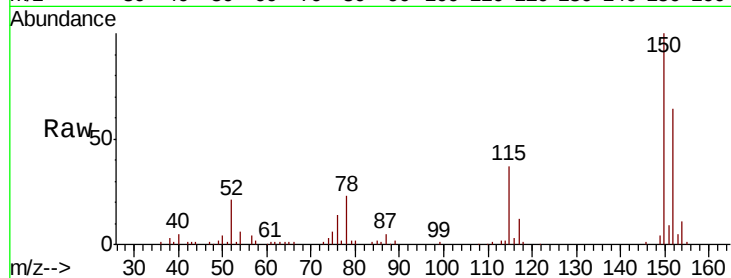
Tot Ion:152 Resp: 49693

Ion Ratio Lower Upper

152 100

150 155.9 126.0 189.0

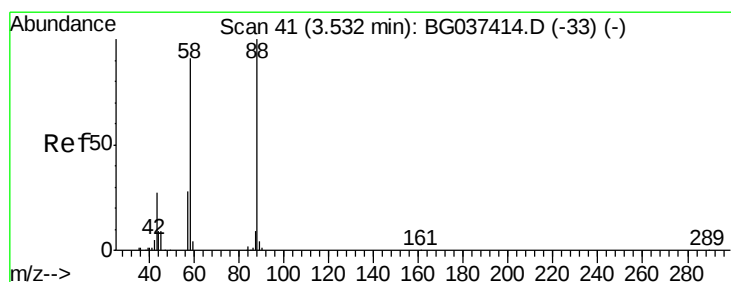
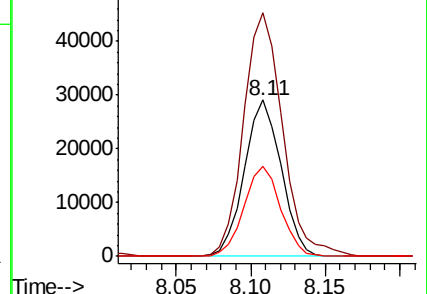
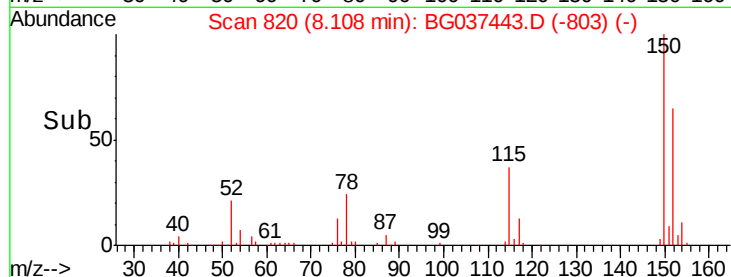
115 57.4 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.331 ng

RT: 3.53 min Scan# 41

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

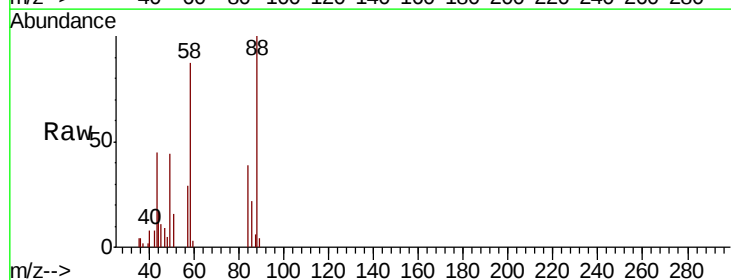
Tgt Ion: 88 Resp: 11050

Ion Ratio Lower Upper

88 100

58 90.5 74.4 111.6

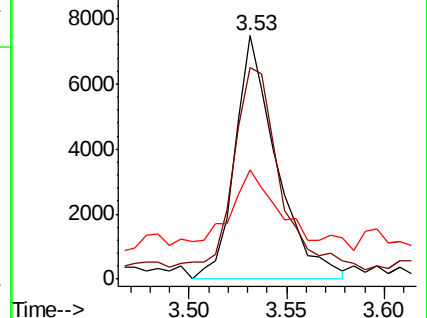
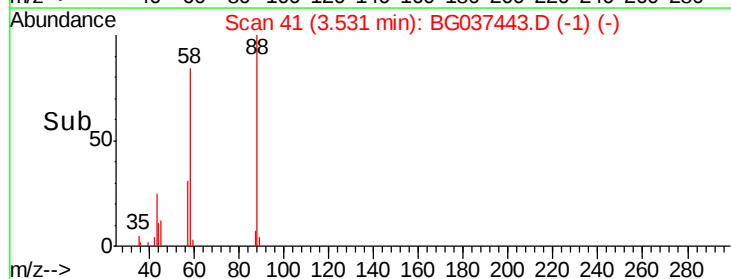
43 33.3 25.8 38.8

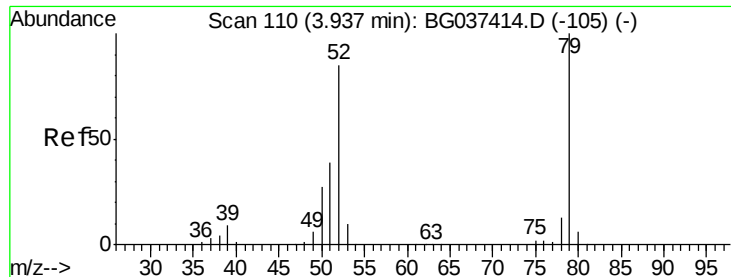


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 7.807 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

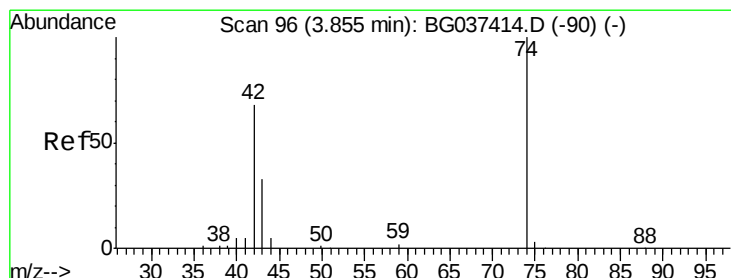
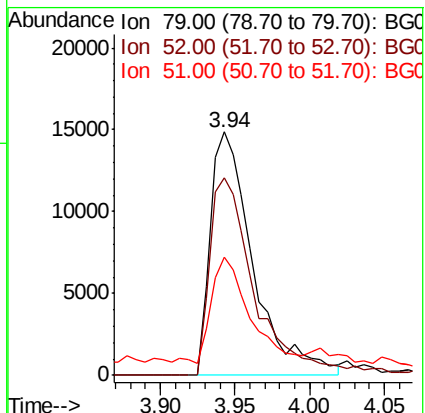
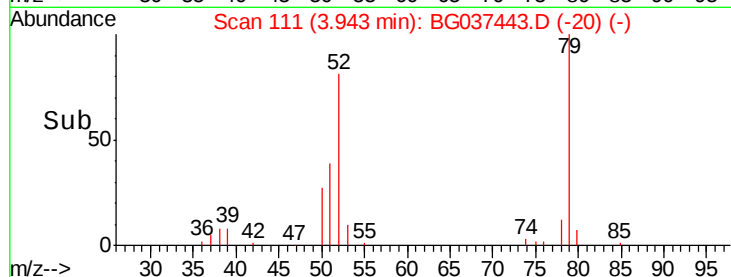
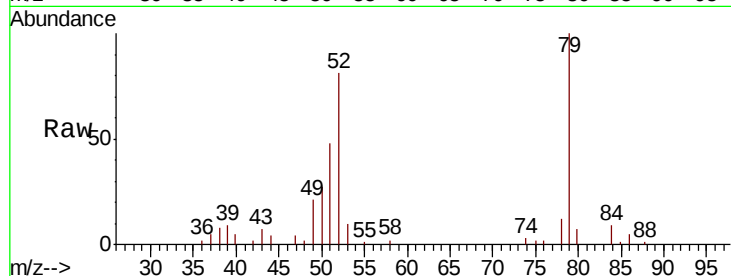
Tot Ion: 79 Resp: 29659

Ion Ratio Lower Upper

79 100

52 81.3 74.2 111.2

51 48.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 9.068 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

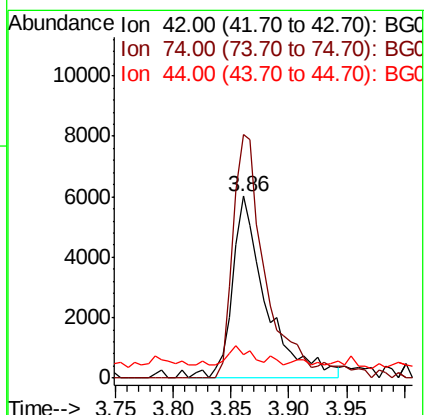
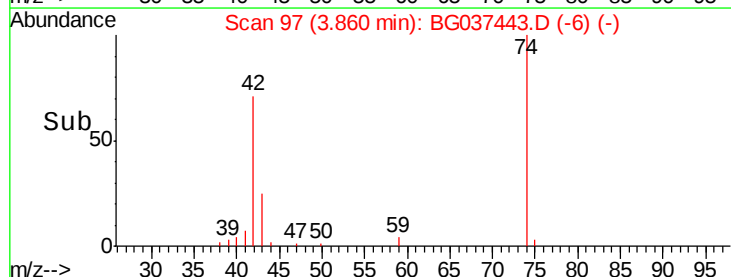
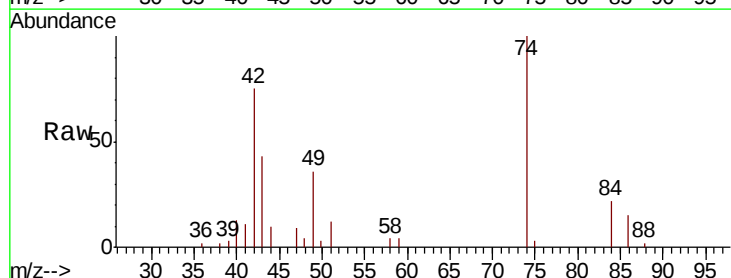
Tgt Ion: 42 Resp: 12271

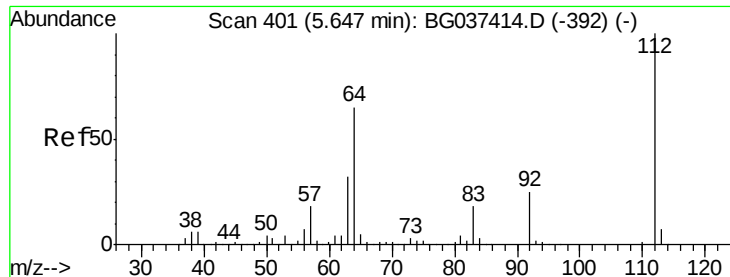
Ion Ratio Lower Upper

42 100

74 134.0 102.0 153.0

44 12.8 9.6 14.4





#5

2-Fluorophenol

Concen: 145.922 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampled :

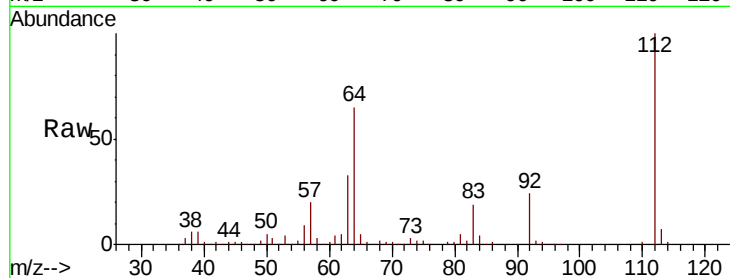
Tot Ion:112 Resp: 433727

Ion Ratio Lower Upper

112 100

64 65.4 53.1 79.7

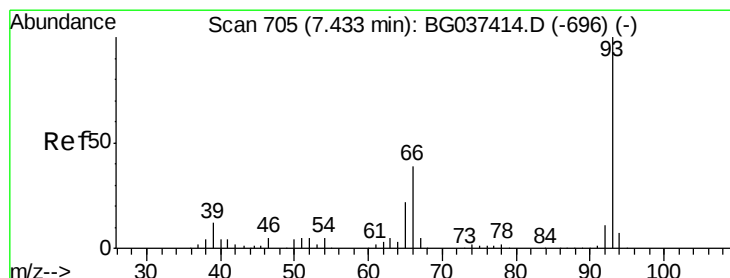
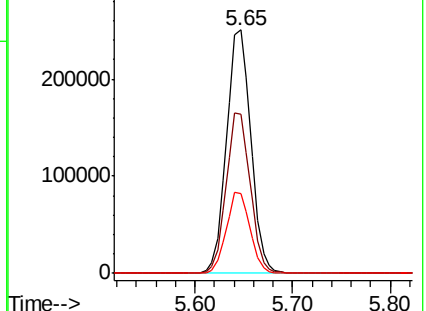
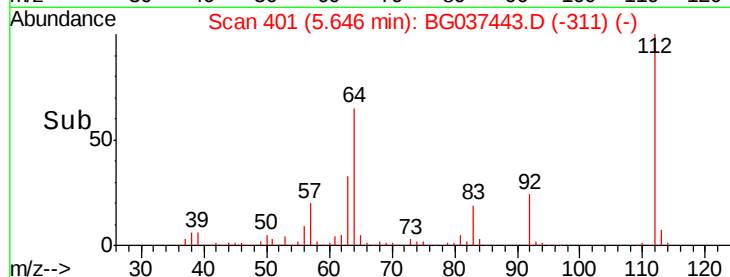
63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.097 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

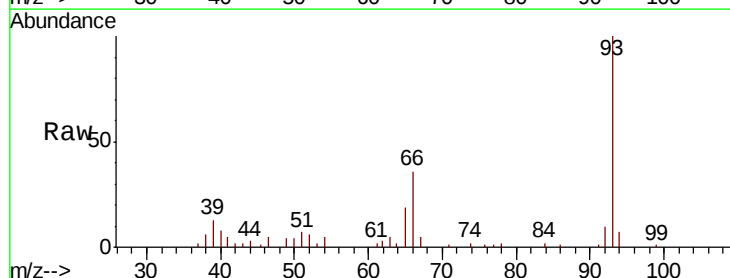
Tgt Ion: 93 Resp: 33432

Ion Ratio Lower Upper

93 100

66 36.5 32.8 49.2

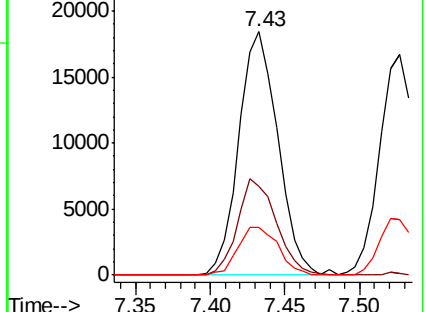
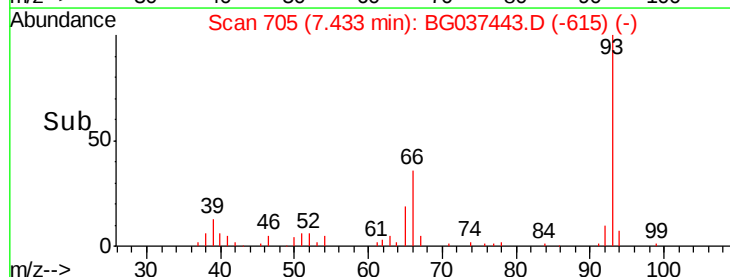
65 19.5 16.4 24.6



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: 141.790 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

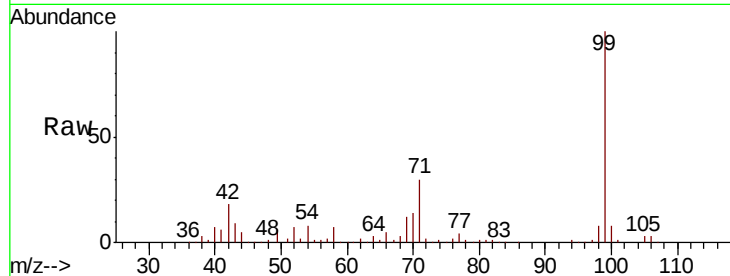
Tot Ion: 99 Resp: 637279

Ion Ratio Lower Upper

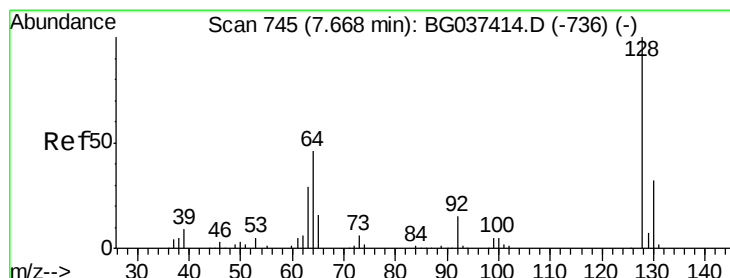
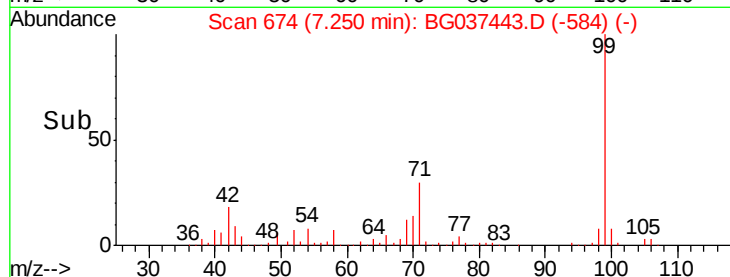
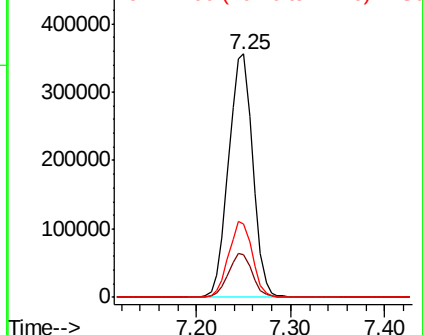
99 100

42 17.6 15.0 22.4

71 30.0 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: 8.354 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

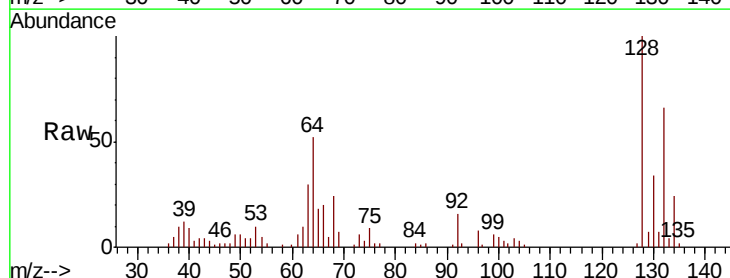
Tgt Ion: 128 Resp: 29047

Ion Ratio Lower Upper

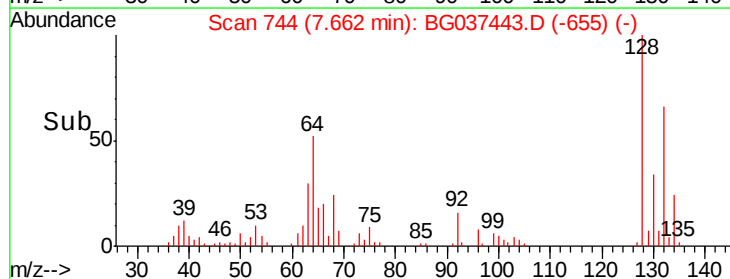
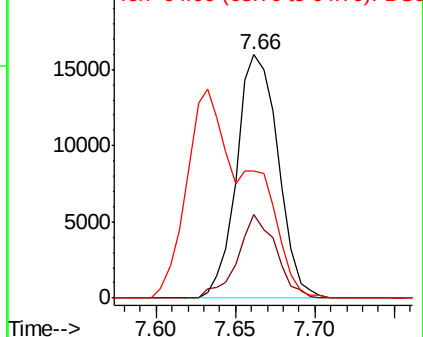
128 100

130 34.4 12.0 52.0

64 52.3 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

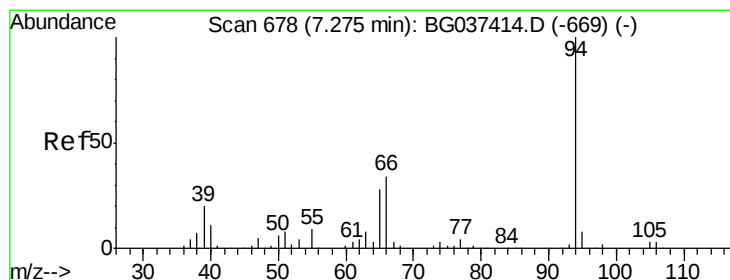
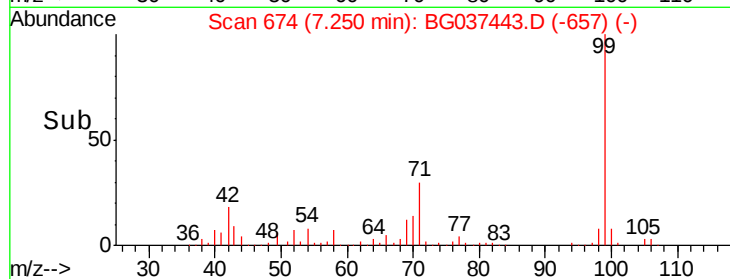
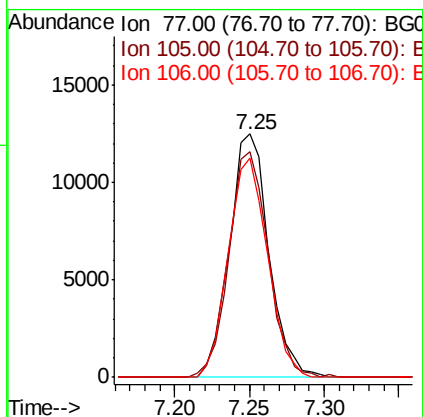
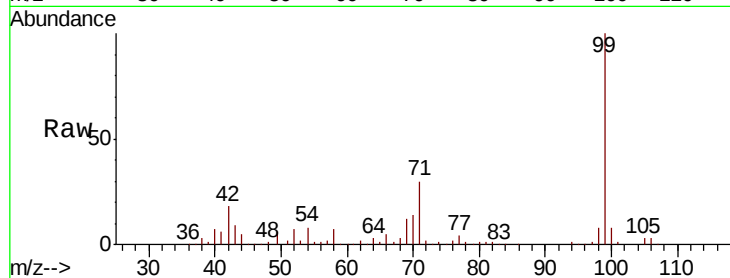




#9
Benzaldehyde
Concen: 8.169 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

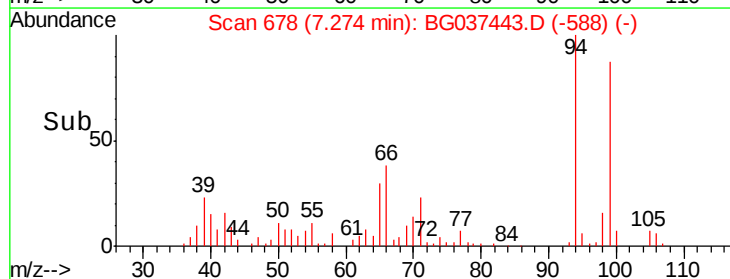
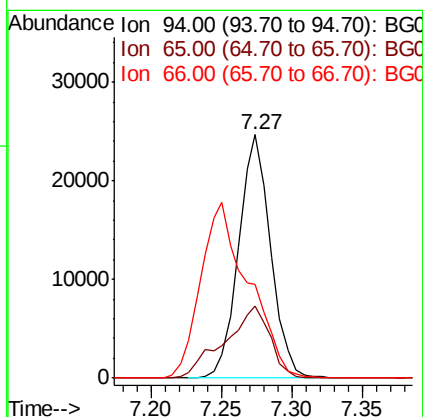
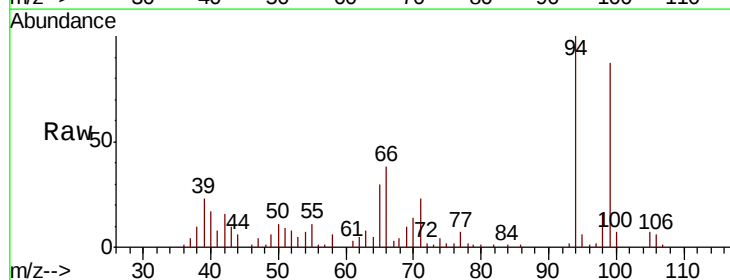
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 22967
Ion Ratio Lower Upper
77 100
105 92.7 72.6 112.6
106 89.9 71.3 111.3



#10
Phenol
Concen: 8.221 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion: 94 Resp: 38988
Ion Ratio Lower Upper
94 100
65 29.8 9.7 49.7
66 38.4 15.9 55.9

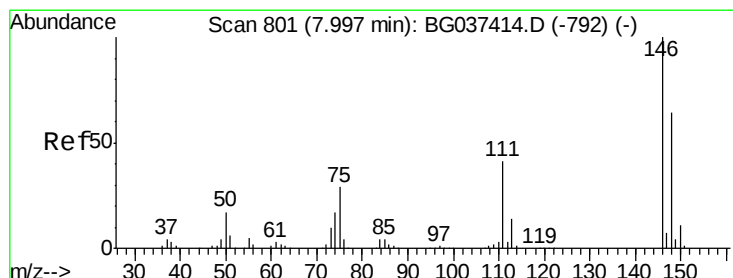
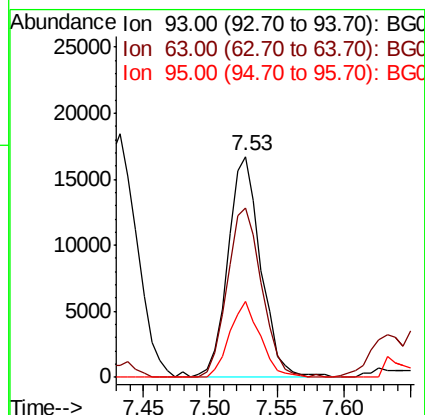
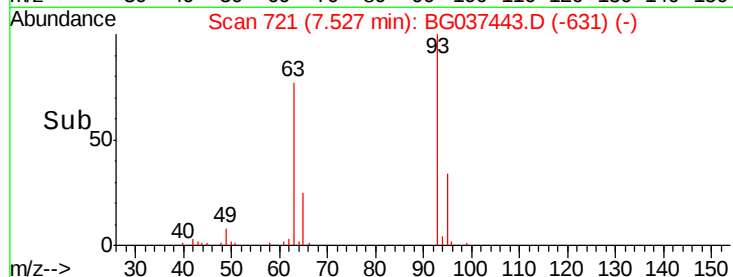
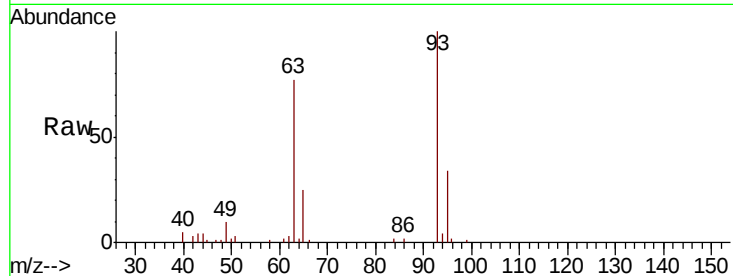




#11
bis(2-Chloroethyl)ether
Concen: 7.977 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

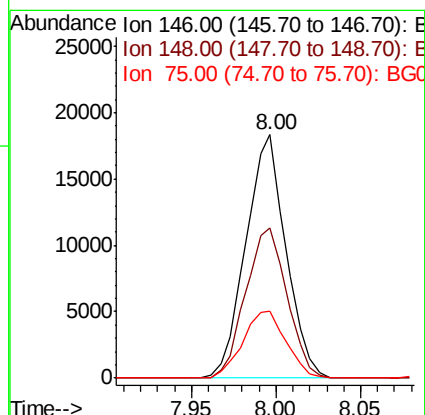
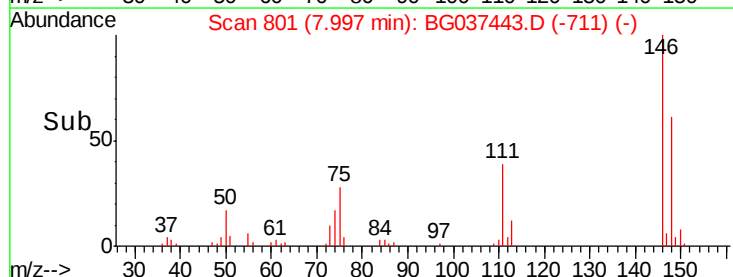
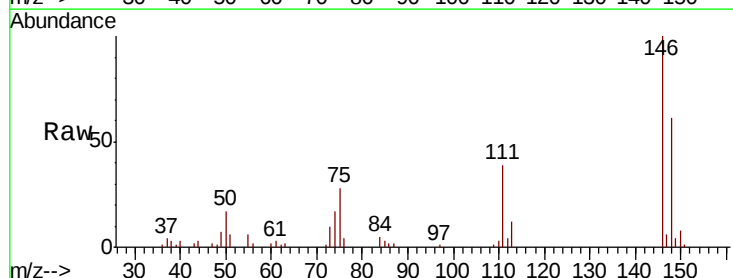
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 28732
Ion Ratio Lower Upper
93 100
63 76.8 69.5 109.5
95 34.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 7.815 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion: 146 Resp: 30252
Ion Ratio Lower Upper
146 100
148 61.4 49.8 74.8
75 27.7 23.2 34.8

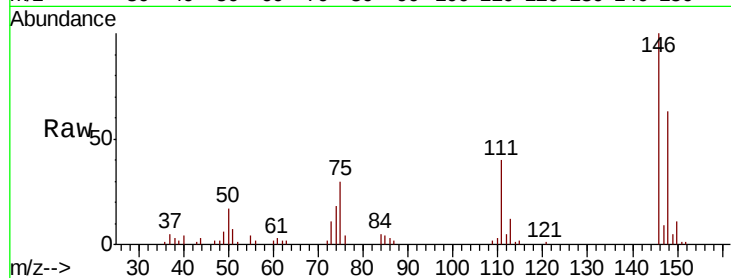




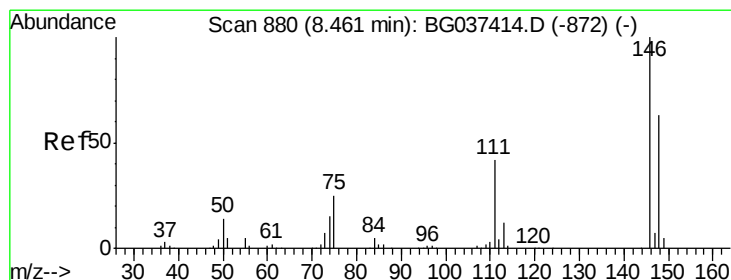
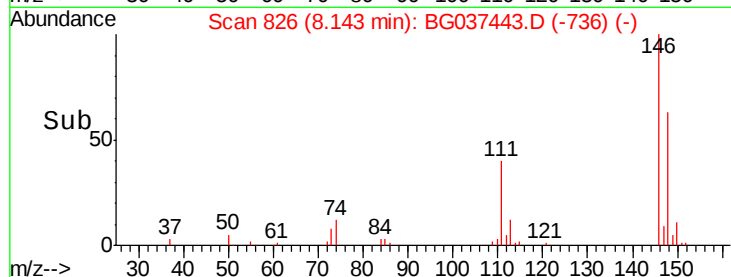
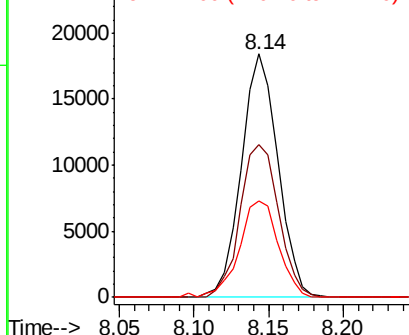
#13
 1,4-Dichlorobenzene
 Concen: 7.891 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 31247
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.6
 111 39.5 32.4 48.6

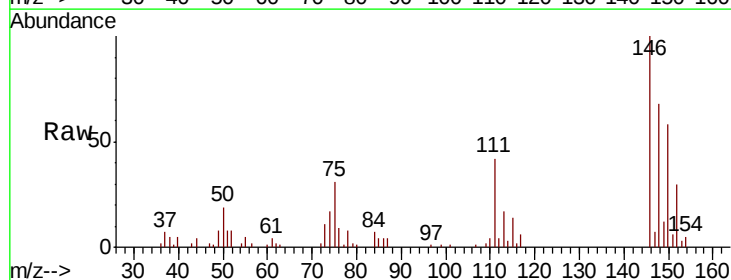


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

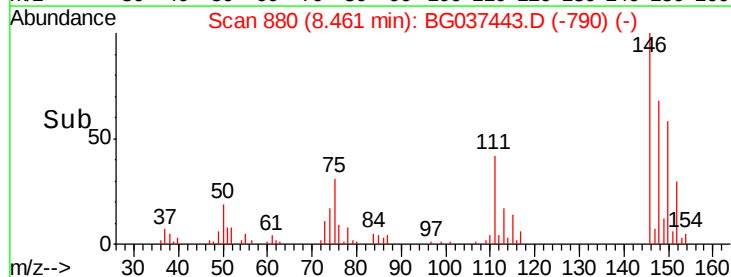
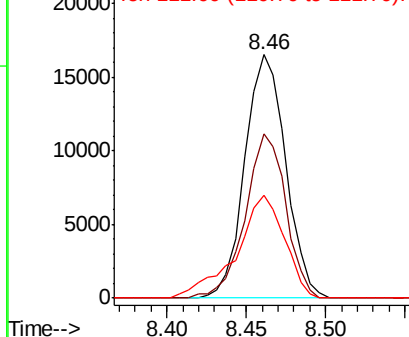


#14
 1,2-Dichlorobenzene
 Concen: 7.777 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion:146 Resp: 29622
 Ion Ratio Lower Upper
 146 100
 148 67.7 50.4 75.6
 111 42.1 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: 7.767 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

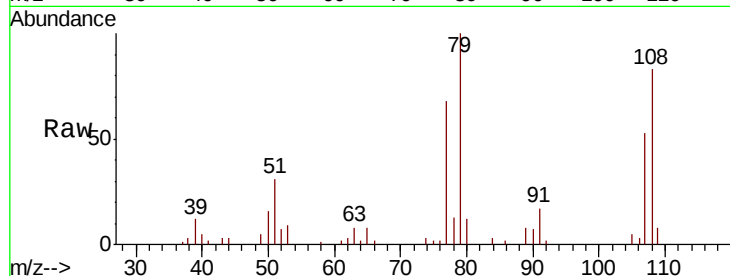
Tot Ion: 79 Resp: 25794

Ion Ratio Lower Upper

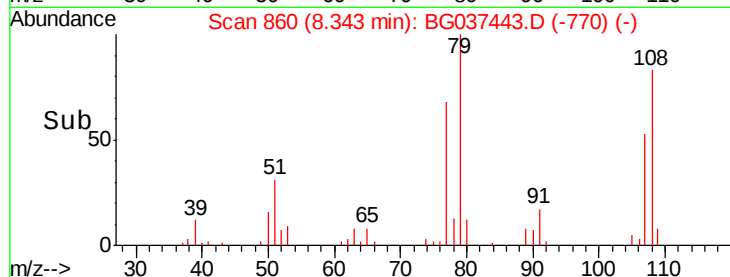
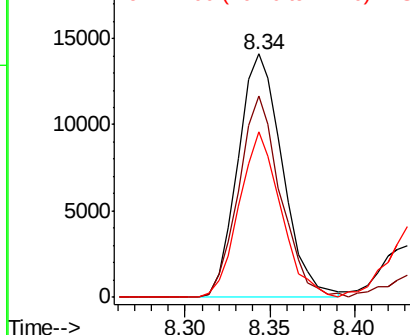
79 100

108 82.8 65.8 98.8

77 68.2 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: 8.209 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

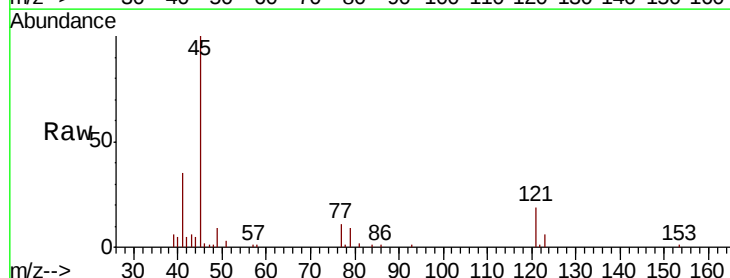
Tgt Ion: 45 Resp: 52903

Ion Ratio Lower Upper

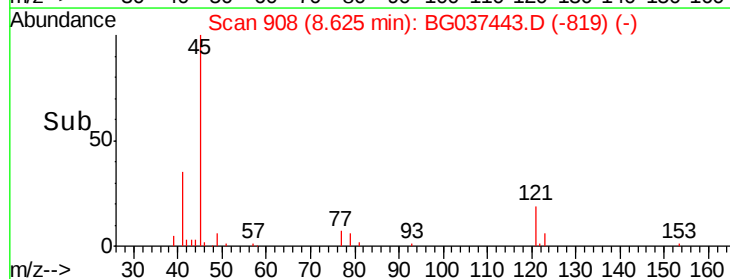
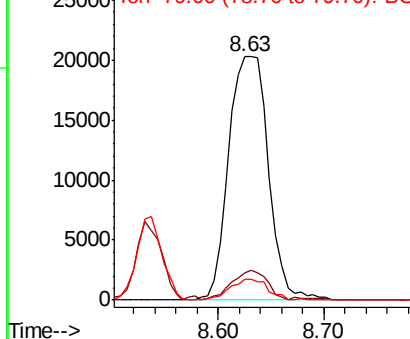
45 100

77 11.2 0.0 30.0

79 8.8 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

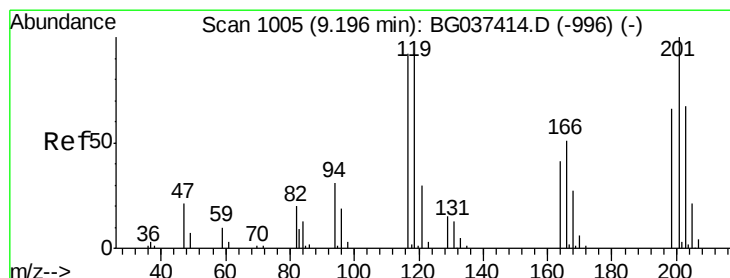
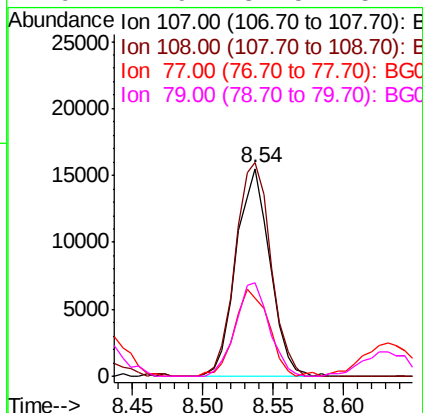
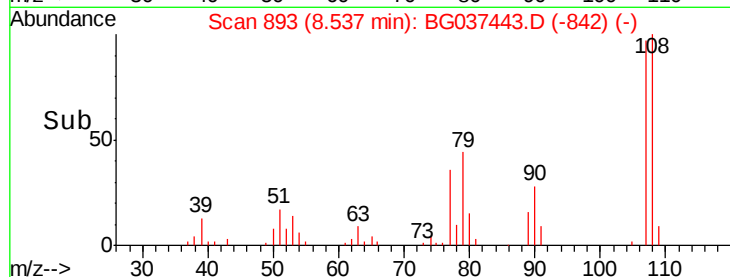
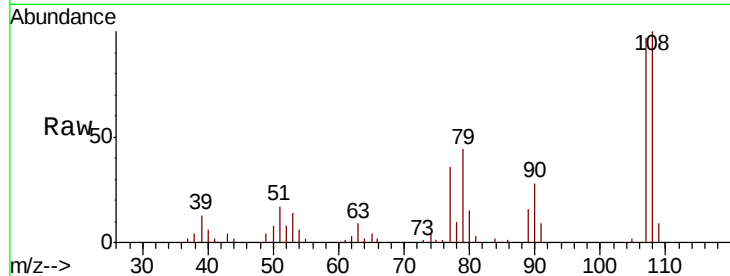




#17
2-Methylphenol
Concen: 8.292 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

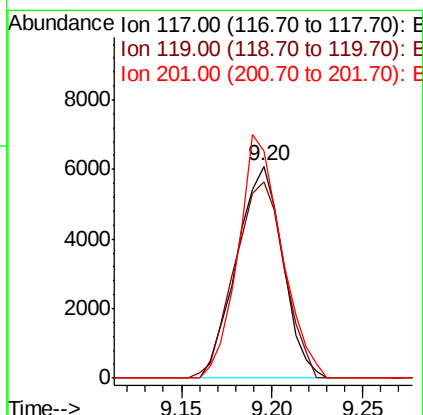
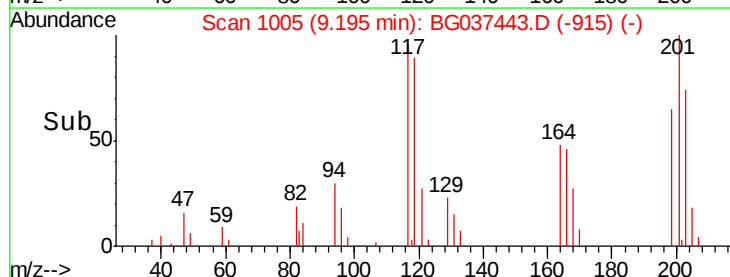
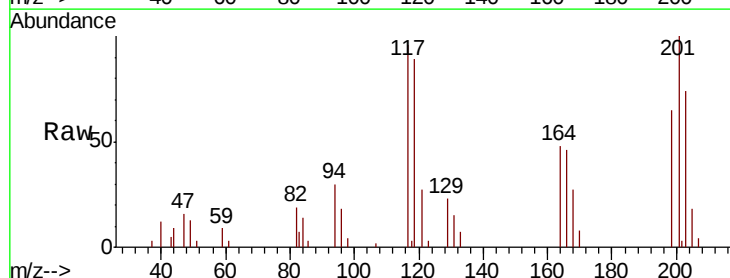
Instrument :
BNA_G
ClientSampled :

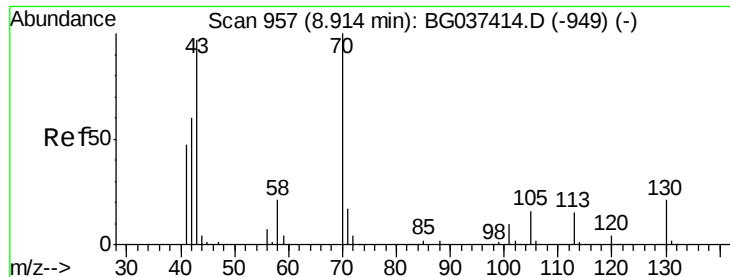
Tot Ion	Ratio	Lower	Upper
107	100		
108	103.0	87.9	131.9
77	37.5	35.1	52.7
79	44.9	34.5	51.7



#18
Hexachloroethane
Concen: 7.994 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.6	111.8
201	107.0	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 7.343 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 22728

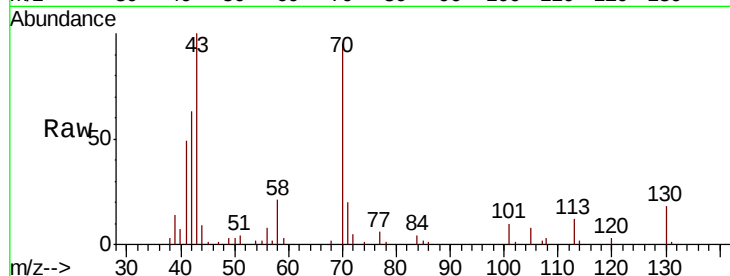
Ion Ratio Lower Upper

70 100

42 66.0 53.9 80.9

101 10.1 8.2 12.2

130 18.8 18.2 27.4



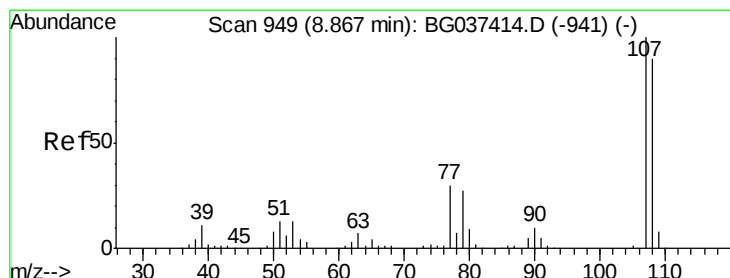
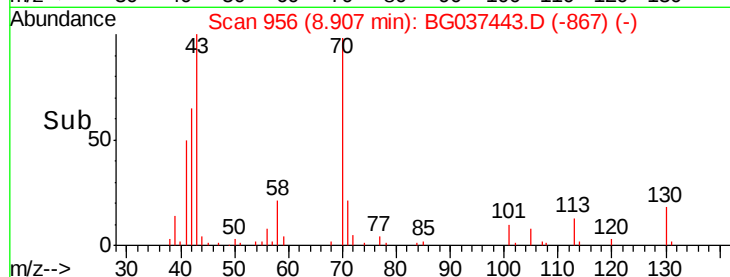
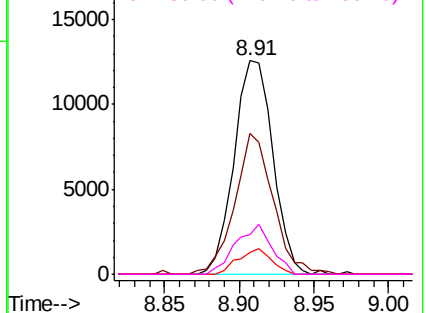
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 8.181 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Tgt Ion: 107 Resp: 36670

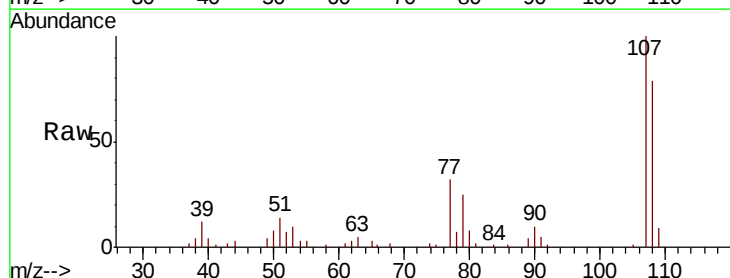
Ion Ratio Lower Upper

107 100

108 78.8 69.9 109.9

77 32.1 11.2 51.2

79 24.7 6.6 46.6



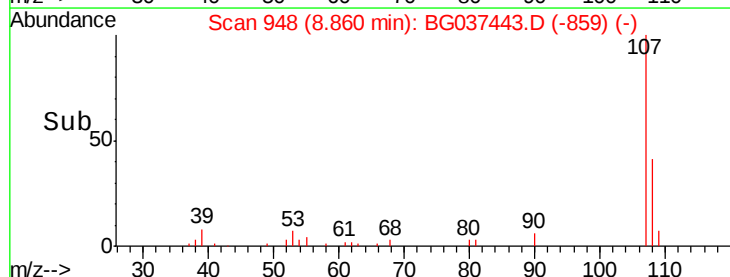
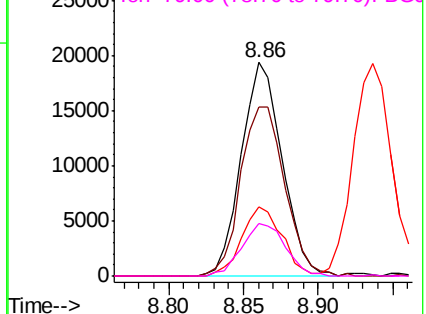
Abundance

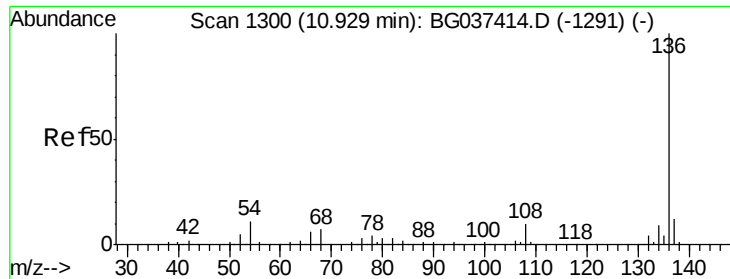
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

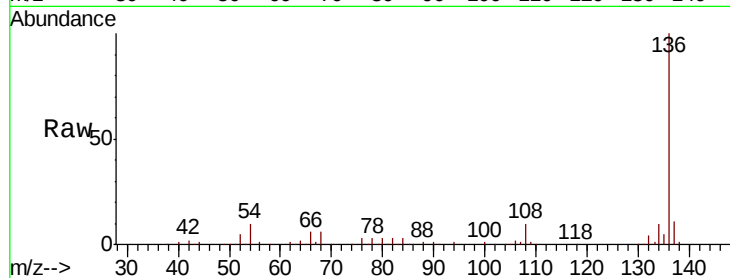




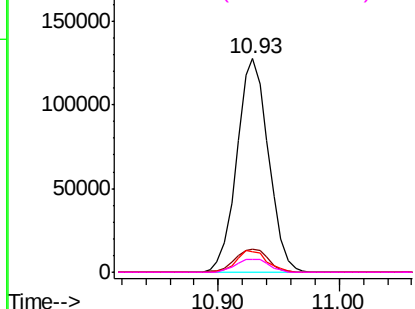
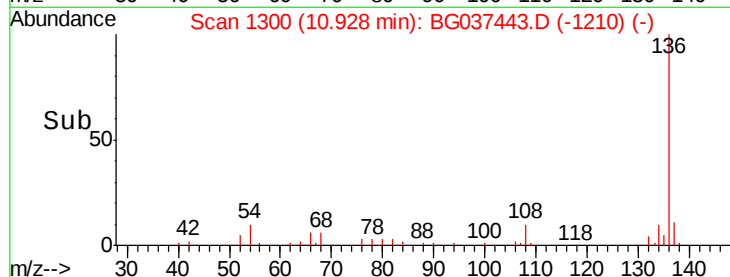
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	231814
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.6 14.4
54	9.6	7.9 11.9
68	6.2	4.8 7.2

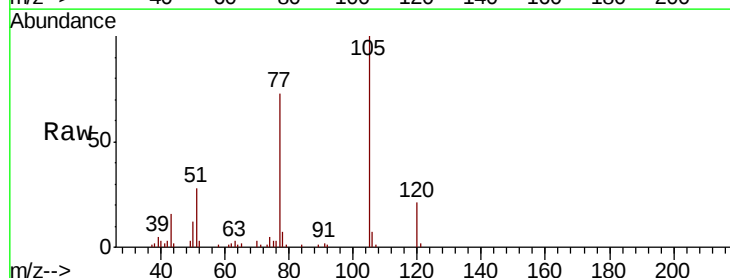


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

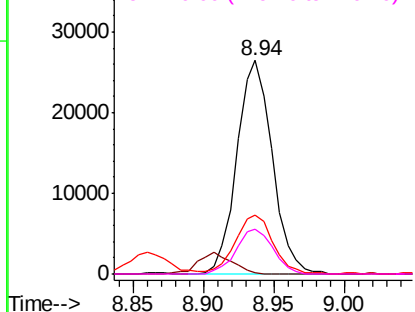
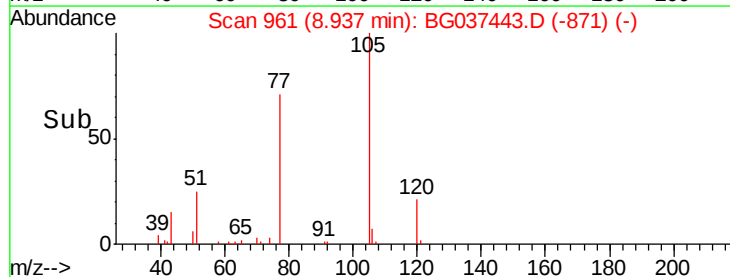


#22
Acetophenone
Concen: 7.965 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:105	Resp:	46307
Ion Ratio	Lower	Upper
105	100	
71	0.8	1.2 1.8#
51	27.5	25.0 37.6
120	21.2	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
40000
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

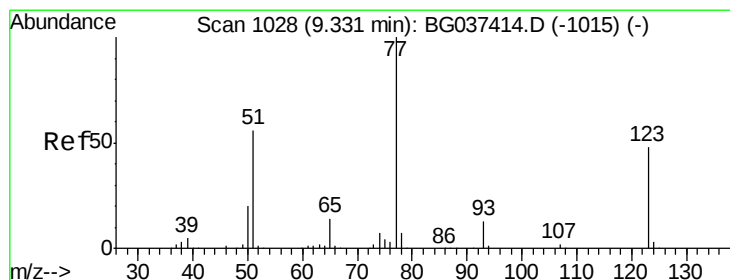
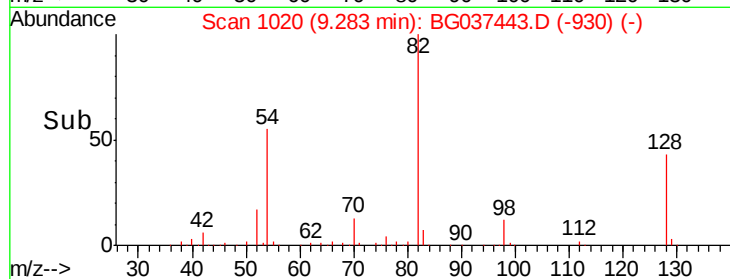
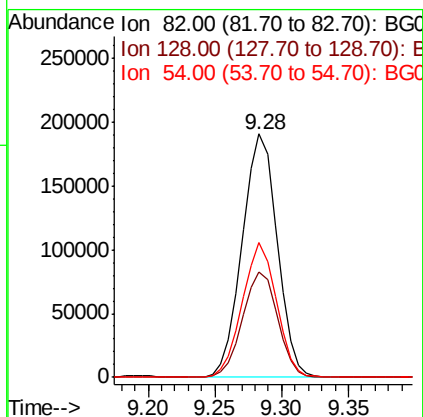
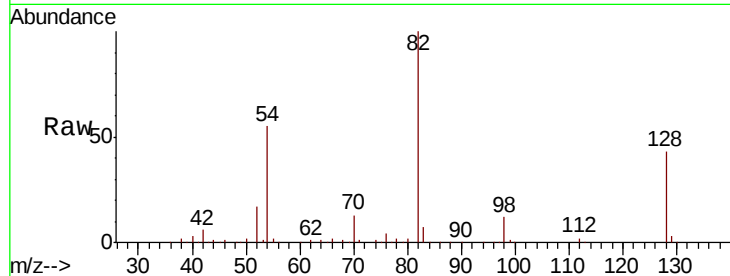




#23
 Nitrobenzene-d5
 Concen: 83.939 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

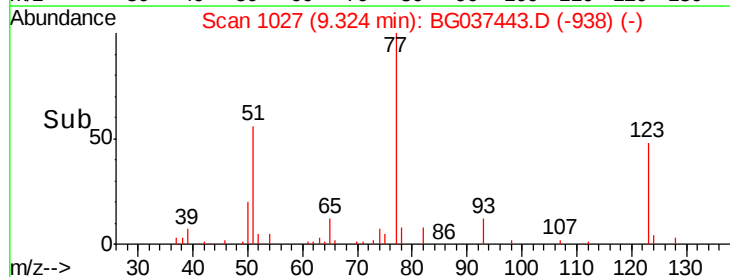
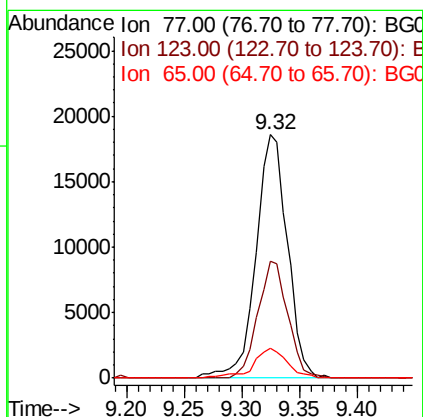
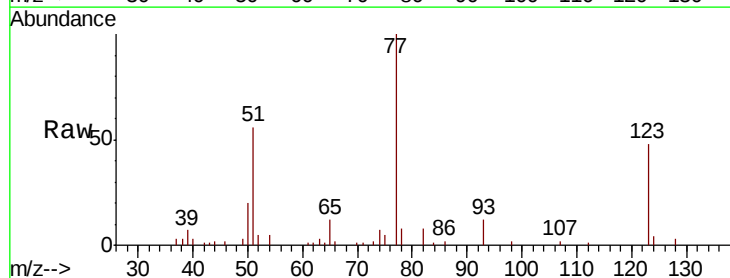
Instrument :
 BNA_G
 ClientSampleId :

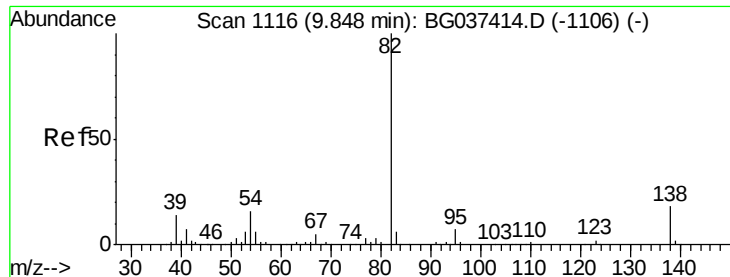
Tot Ion	82	Resp	347350
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	55.3	45.3	67.9



#24
 Nitrobenzene
 Concen: 8.192 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion	77	Resp	35215
Ion	Ratio	Lower	Upper
77	100		
123	47.8	33.6	50.4
65	12.1	11.3	16.9





#25

Isophorone

Concen: 8.628 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

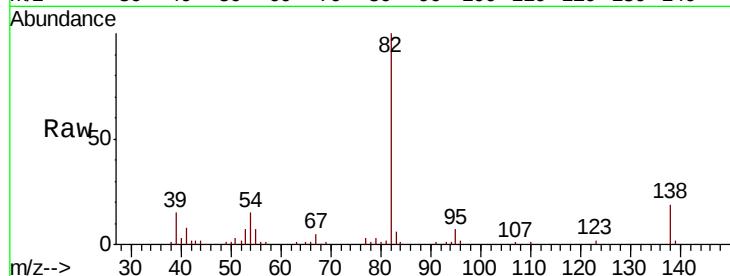
Tot Ion: 82 Resp: 65235

Ion Ratio Lower Upper

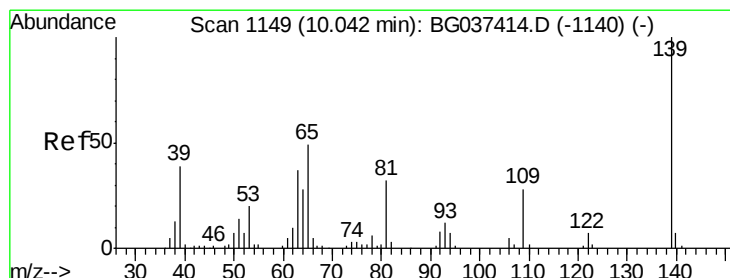
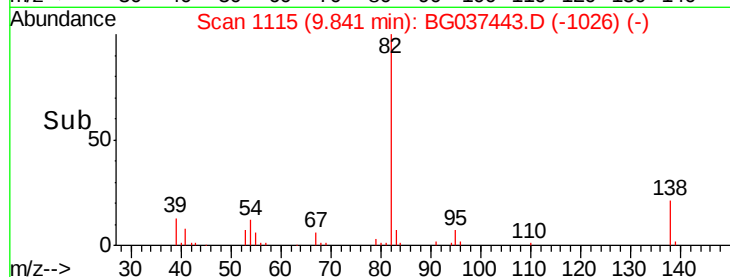
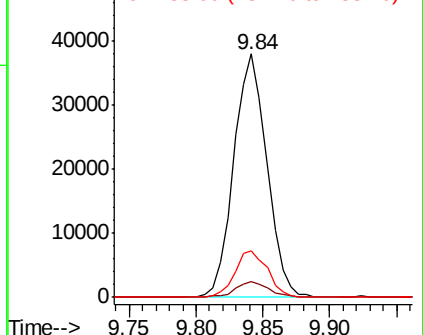
82 100

95 6.7 5.3 7.9

138 19.1 13.3 19.9



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



#26

2-Nitrophenol

Concen: 6.922 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

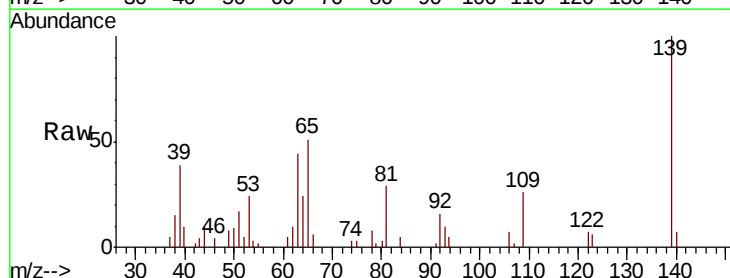
Tgt Ion: 139 Resp: 13406

Ion Ratio Lower Upper

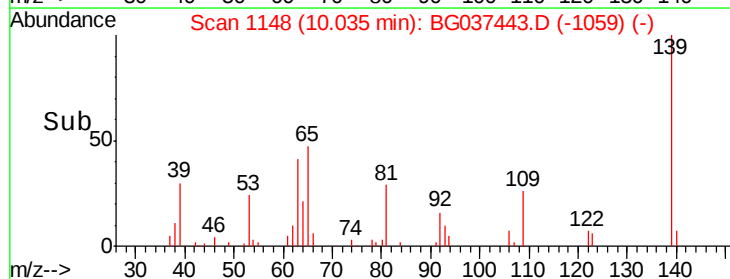
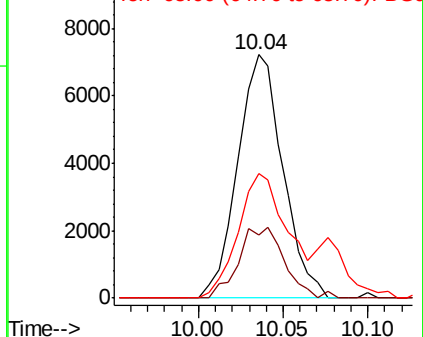
139 100

109 25.8 23.3 34.9

65 51.0 39.8 59.8



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

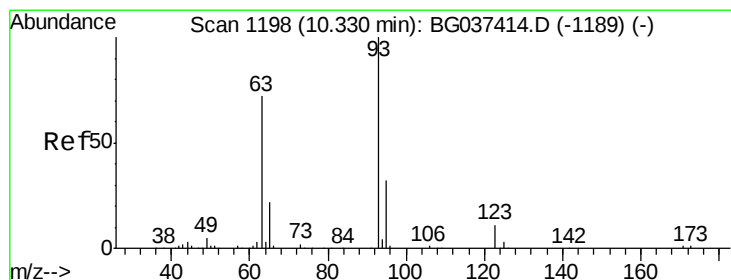
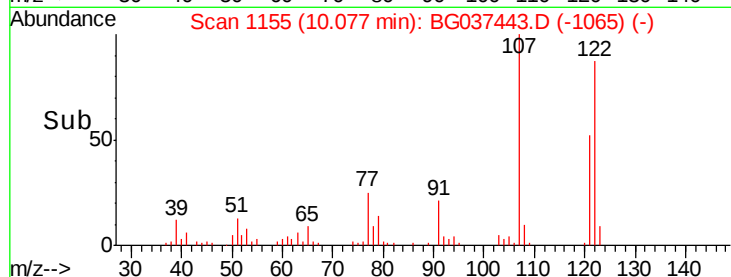
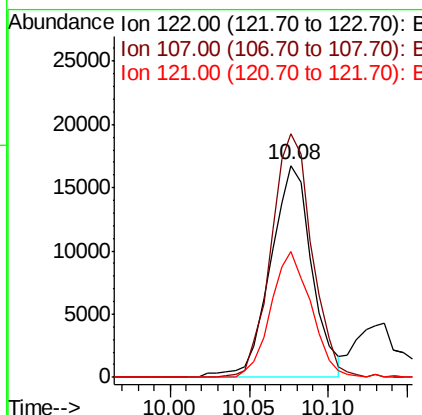
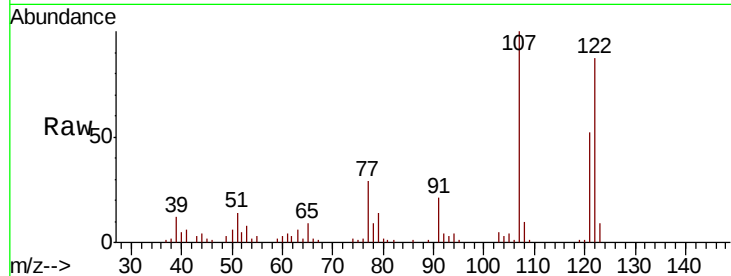




#27
 2,4-Dimethylphenol
 Concen: 8.774 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

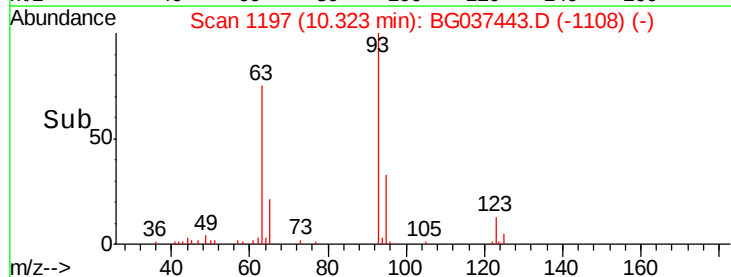
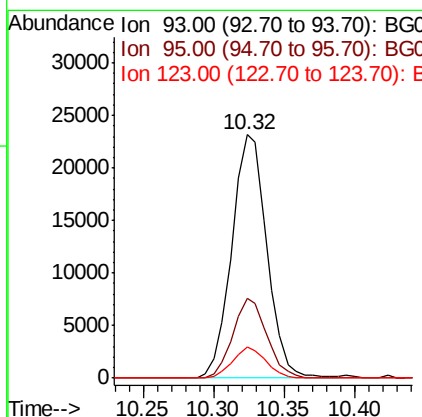
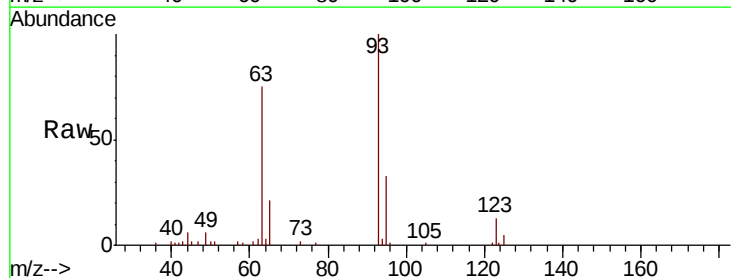
Instrument :
 BNA_G
 ClientSampleId :

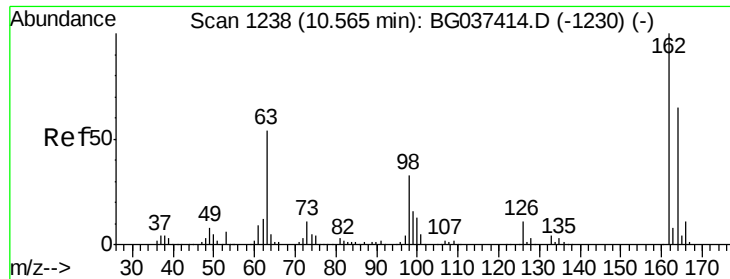
Tot Ion:122 Resp: 30337
 Ion Ratio Lower Upper
 122 100
 107 114.8 94.2 141.2
 121 59.2 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.112 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion: 93 Resp: 40188
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.6 37.0
 123 13.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 7.767 ng

RT: 10.56 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

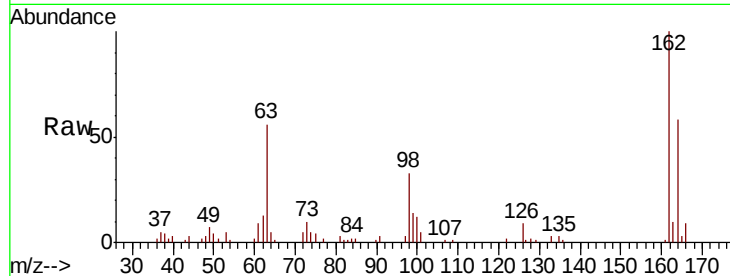
Tot Ion:162 Resp: 29901

Ion Ratio Lower Upper

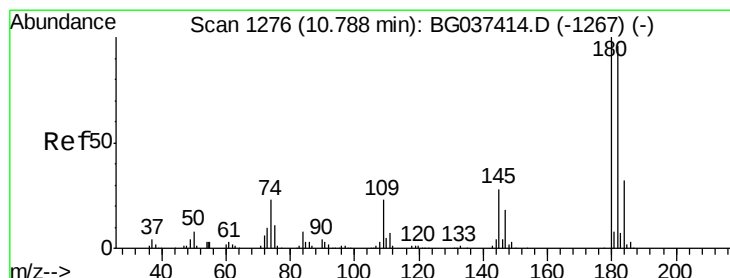
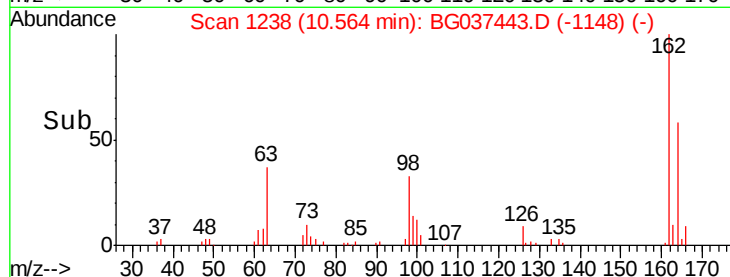
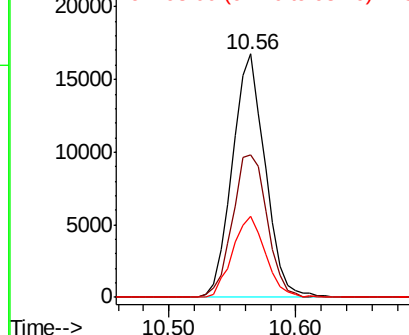
162 100

164 58.4 43.2 83.2

98 33.2 16.0 56.0



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



#30

1,2,4-Trichlorobenzene

Concen: 7.771 ng

RT: 10.79 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

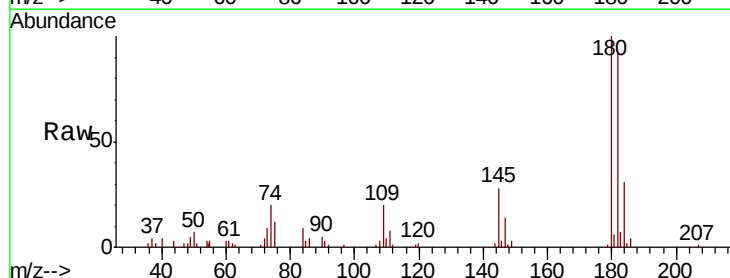
Tgt Ion:180 Resp: 32535

Ion Ratio Lower Upper

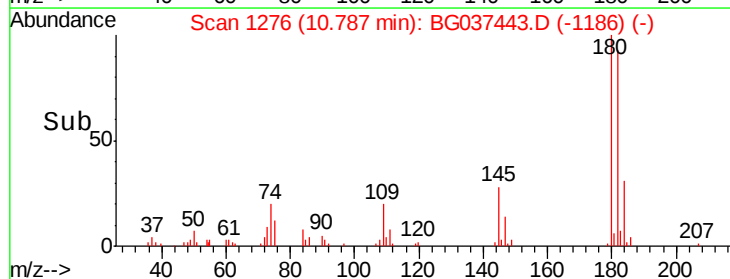
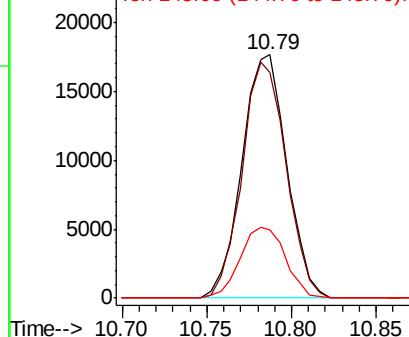
180 100

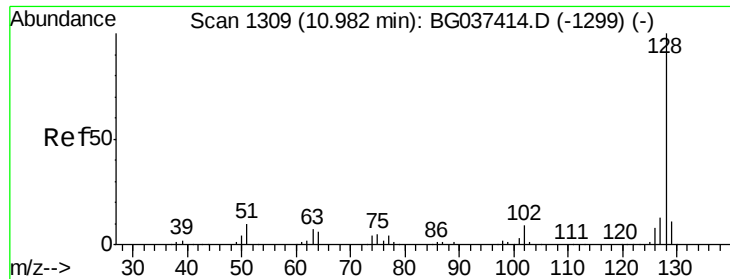
182 92.9 77.7 116.5

145 28.3 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

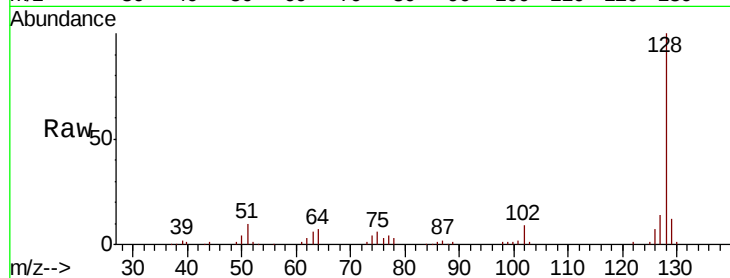




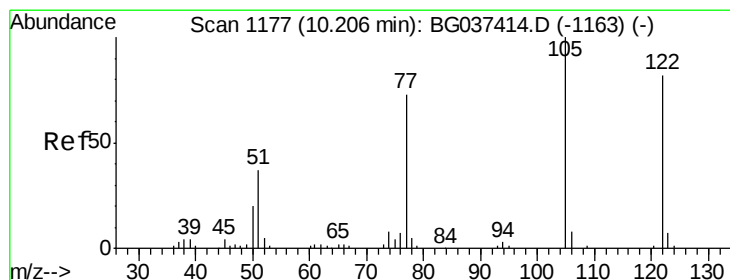
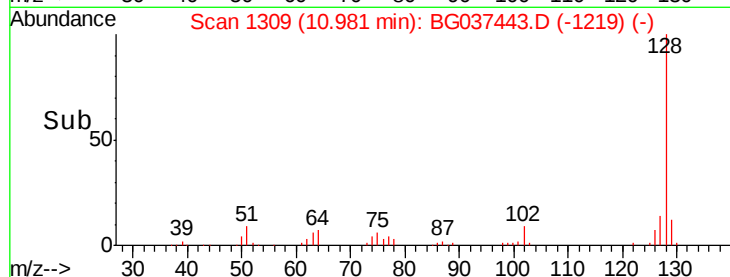
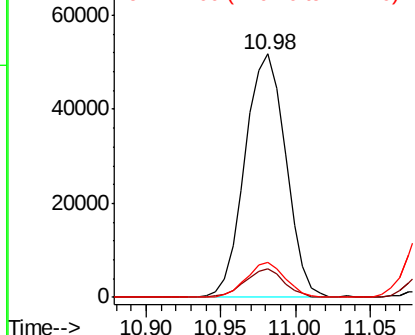
#31
Naphthalene
Concen: 8.617 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 98118
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.1 11.1 16.7

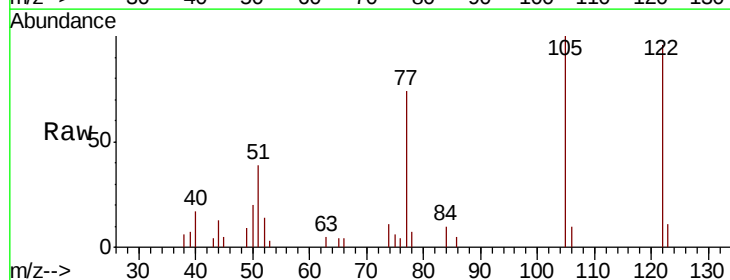


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

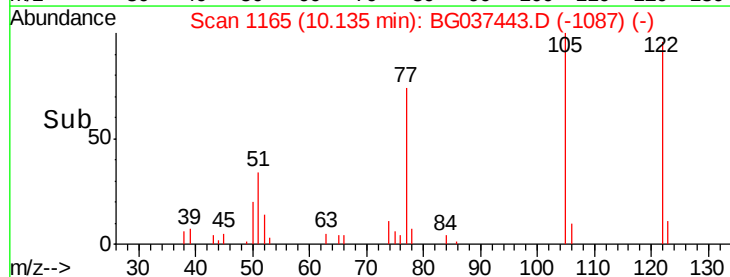
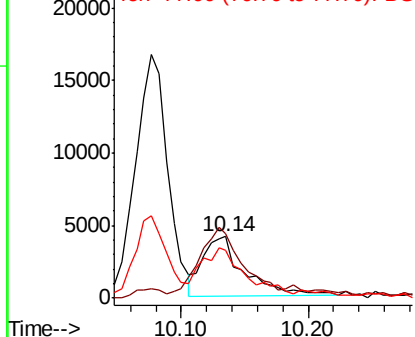


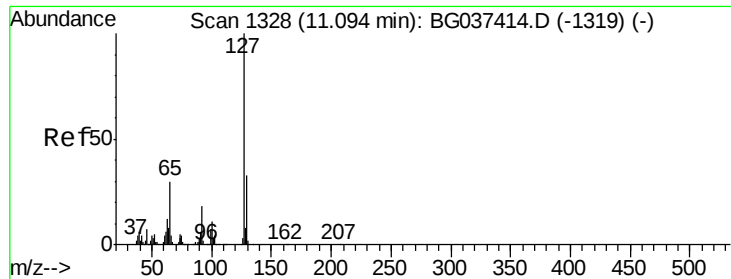
#32
Benzoic acid
Concen: 4.223 ng
RT: 10.14 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:122 Resp: 9485
Ion Ratio Lower Upper
122 100
105 104.7 106.7 146.7#
77 77.3 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

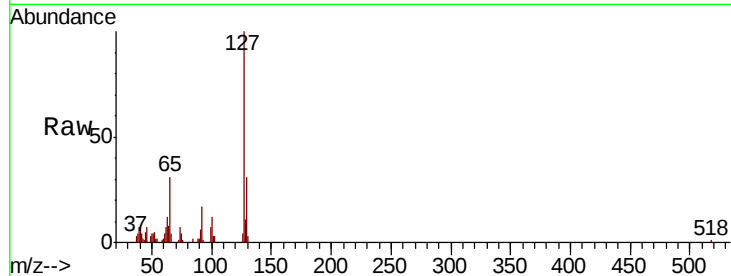




#33
4-Chloroaniline
Concen: 5.883 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	31475
Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.1	40.7
65	31.3	26.6	39.8
92	17.1	16.4	24.6



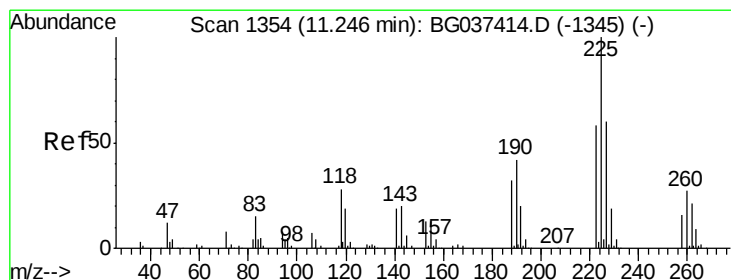
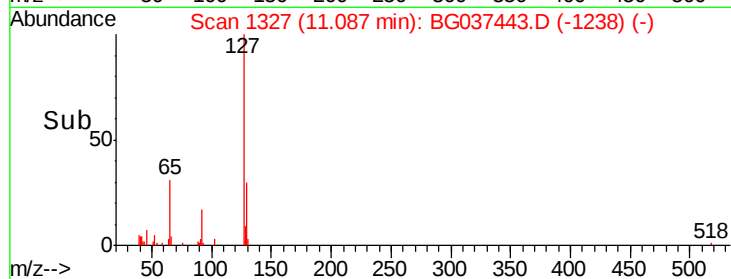
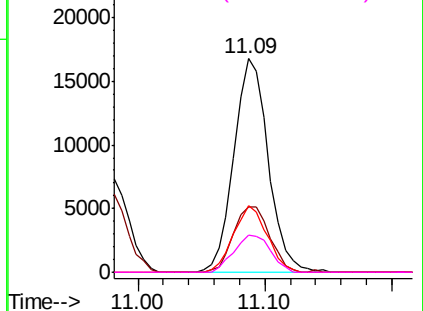
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

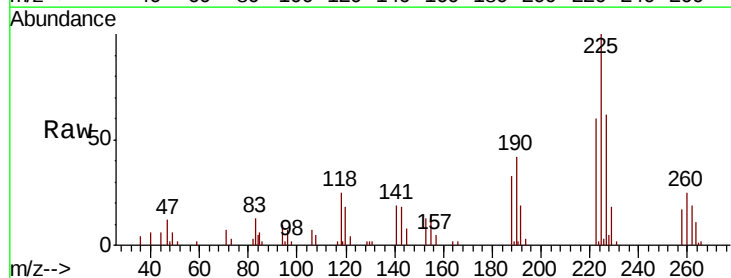
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 7.585 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:	225	Resp:	18822
Ion	Ratio	Lower	Upper
225	100		
223	60.1	48.2	72.4
227	65.0	51.6	77.4

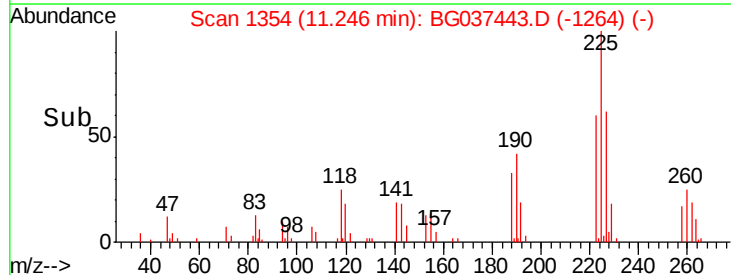
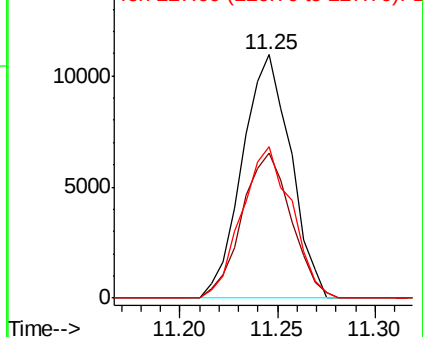


Abundance

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

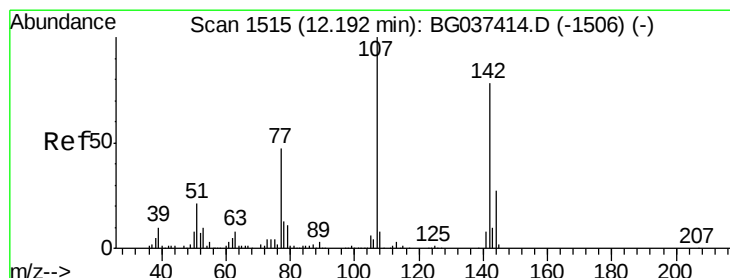
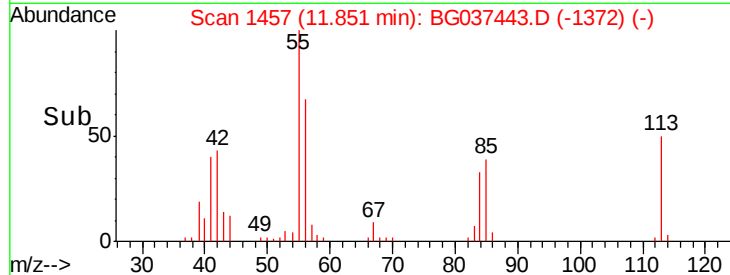
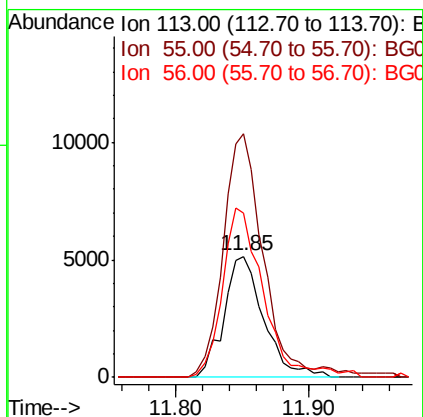
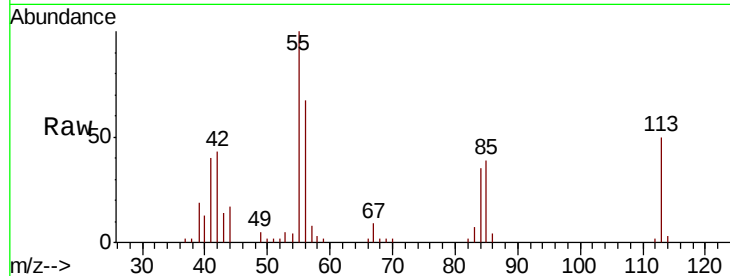




#35
 Caprolactam
 Concen: 6.934 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.03 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

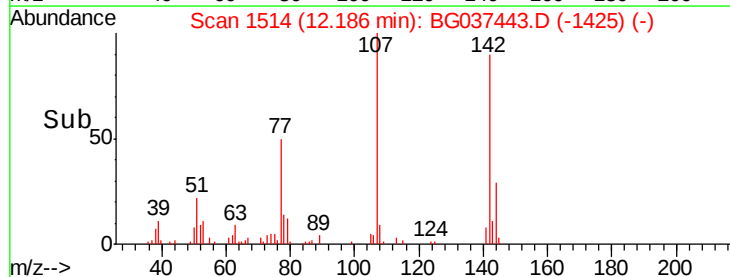
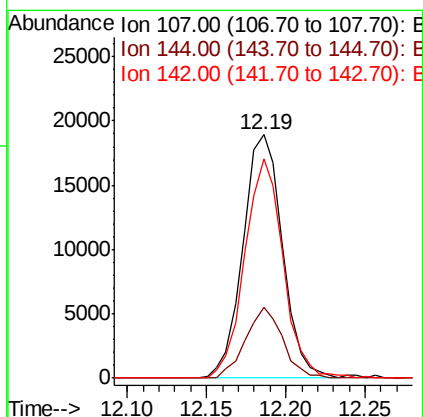
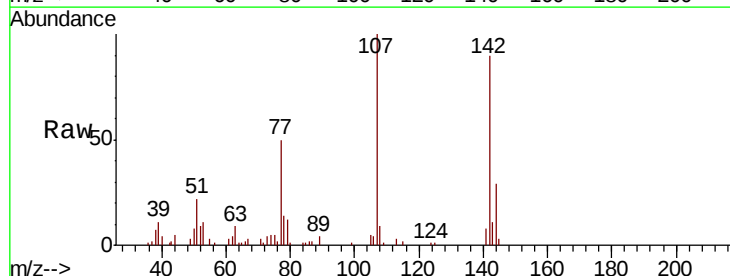
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 10707
 Ion Ratio Lower Upper
 113 100
 55 201.1 176.6 216.6
 56 135.4 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 7.540 ng
 RT: 12.19 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion:107 Resp: 32739
 Ion Ratio Lower Upper
 107 100
 144 28.8 20.7 31.1
 142 90.3 64.4 96.6

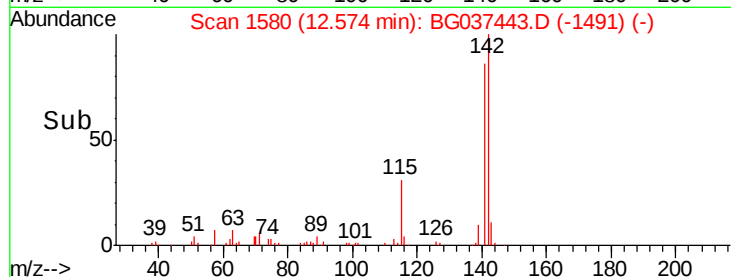
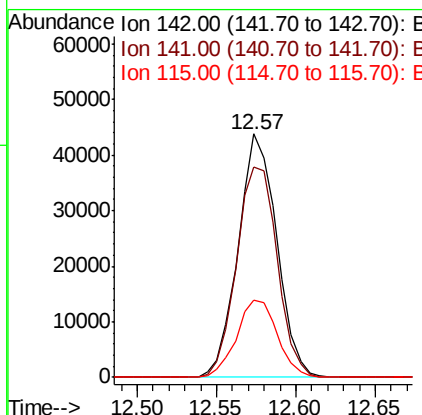
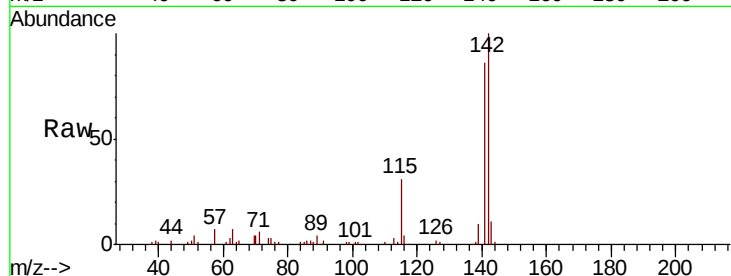




#37
 2-Methylnaphthalene
 Concen: 8.908 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

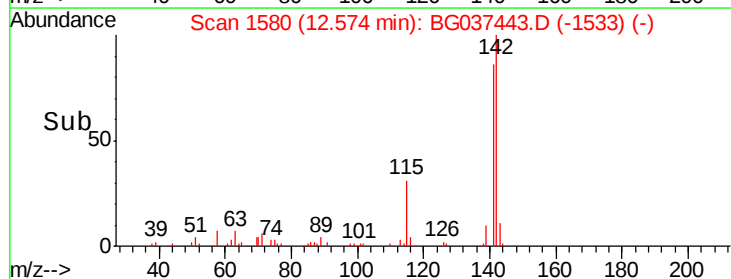
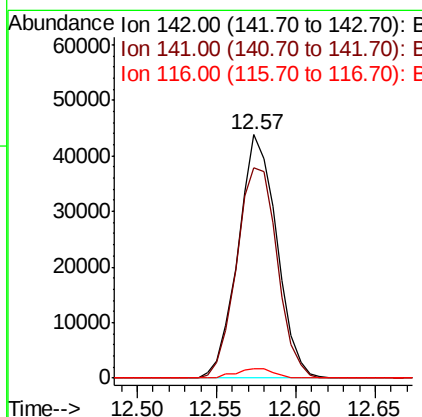
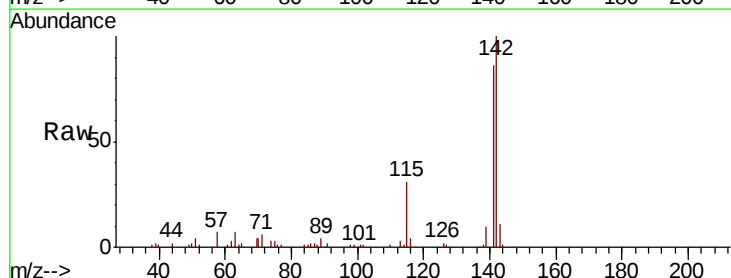
Instrument :
 BNA_G
 ClientSampleId :

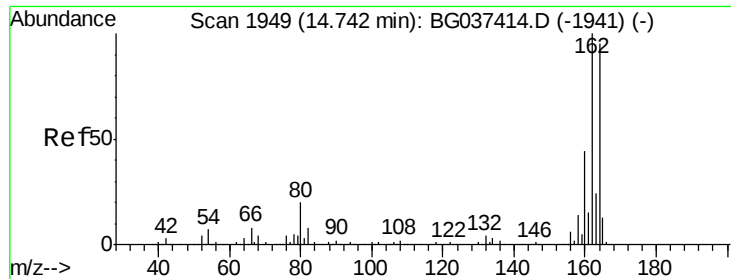
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.9	107.9
115	31.5	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 9.173 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.22 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampled :

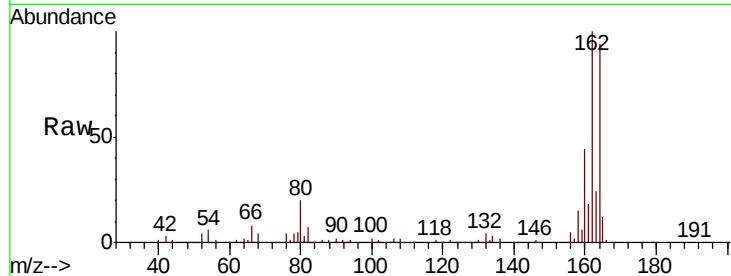
Tot Ion:164 Resp: 155718

Ion Ratio Lower Upper

164 100

162 106.6 81.3 121.9

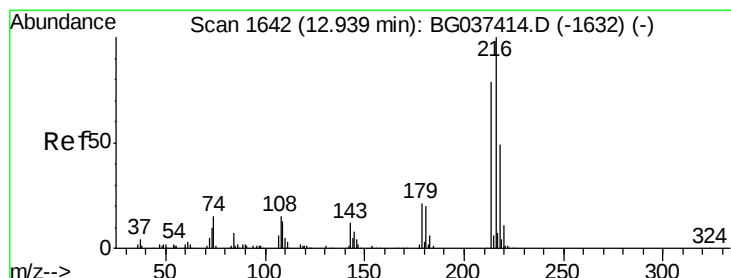
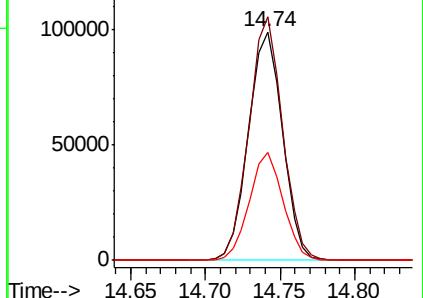
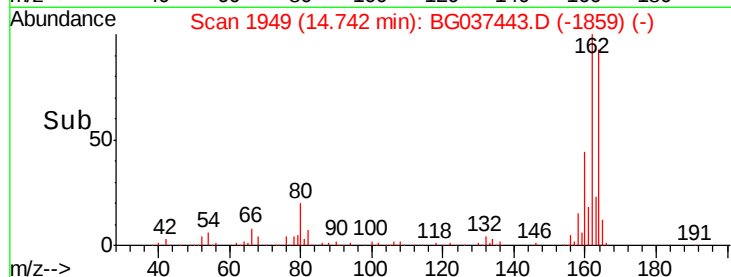
160 47.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.645 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Tgt Ion:216 Resp: 38401

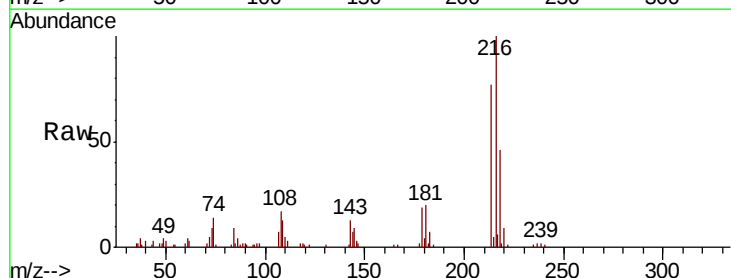
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 19.4 17.4 26.0

108 18.0 13.9 20.9

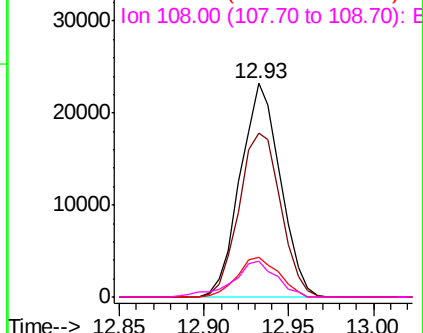
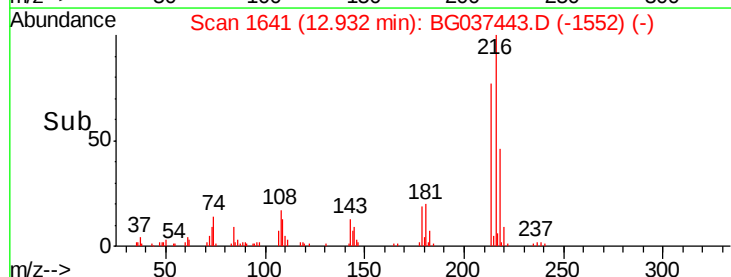


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.929 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampled :

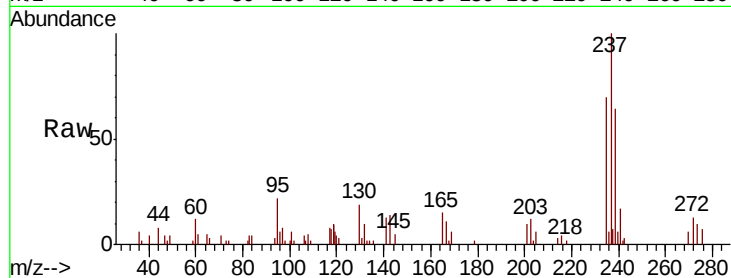
Tot Ion:237 Resp: 19023

Ion Ratio Lower Upper

237 100

235 69.9 42.5 82.5

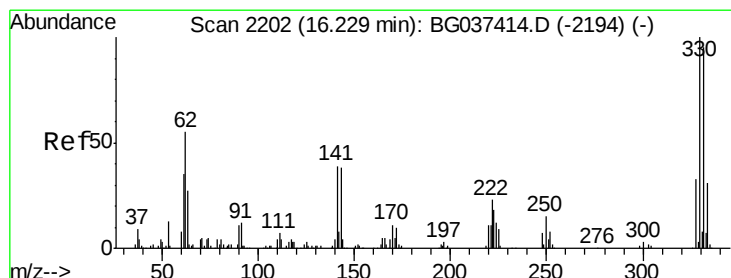
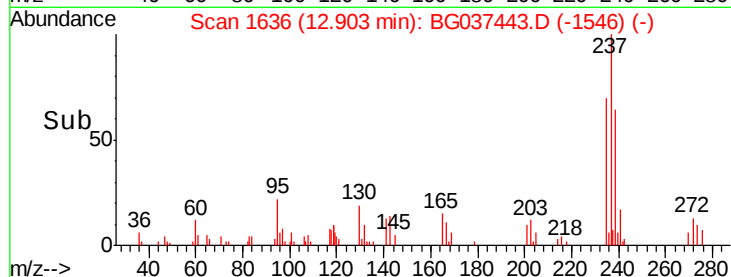
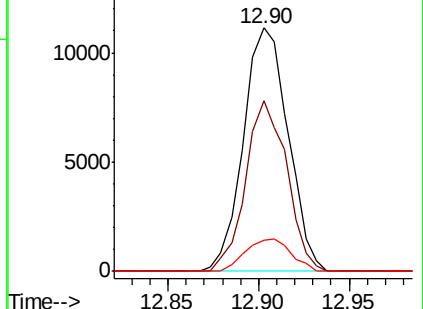
272 12.7 0.0 31.6



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: 142.442 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

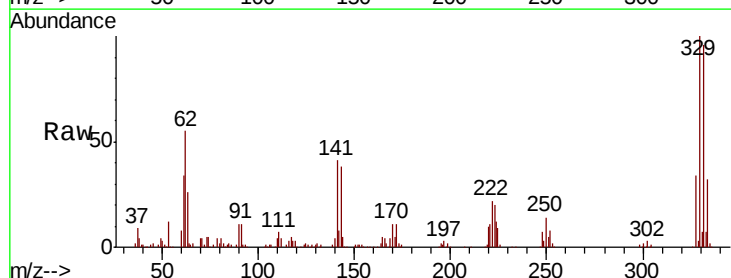
Tgt Ion:330 Resp: 241924

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

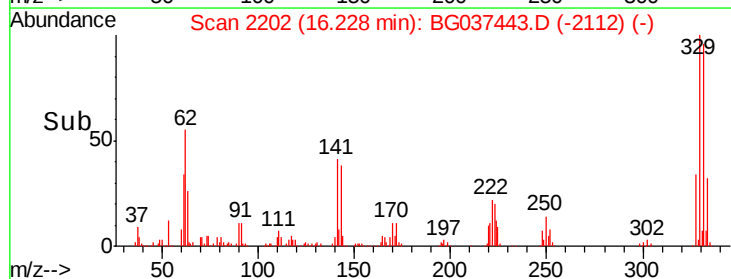
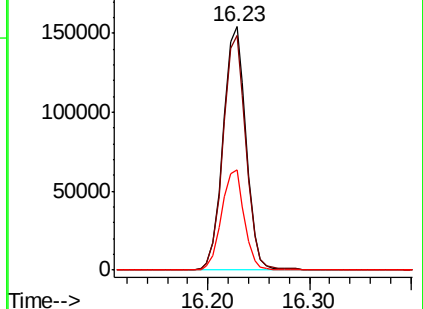
141 40.7 32.2 48.2

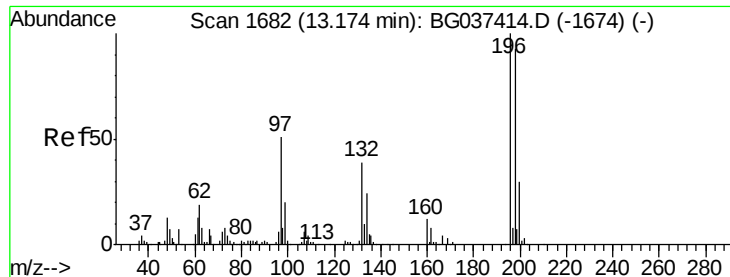


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 7.384 ng

RT: 13.17 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

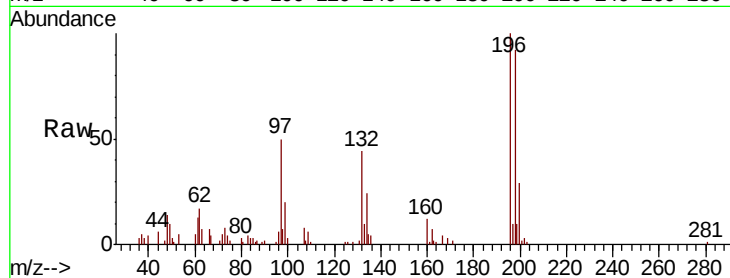
Tot Ion:196 Resp: 24779

Ion Ratio Lower Upper

196 100

198 92.0 76.4 114.6

200 28.7 24.9 37.3

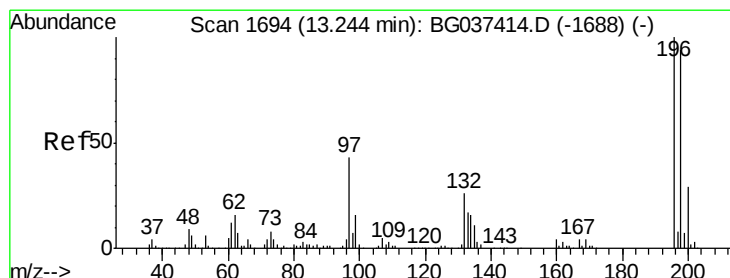
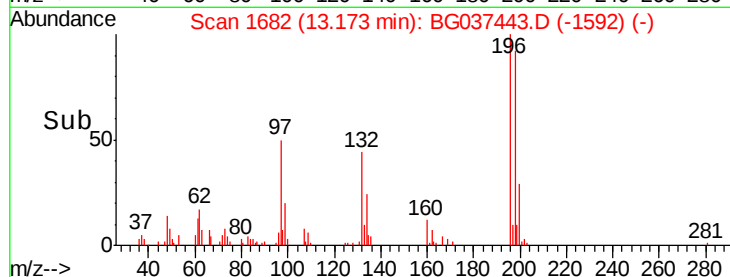
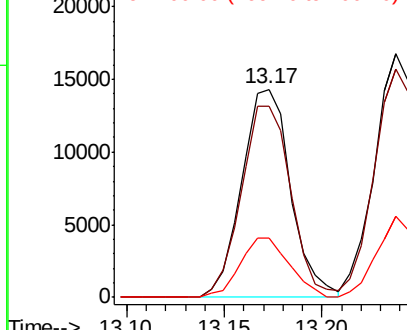


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 7.798 ng

RT: 13.24 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Tgt Ion:196 Resp: 28491

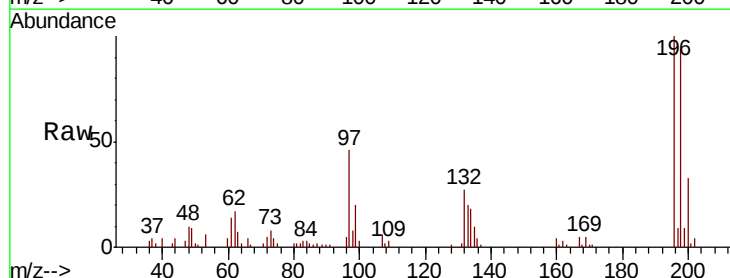
Ion Ratio Lower Upper

196 100

198 93.9 74.2 111.2

97 45.5 34.1 51.1

132 27.3 20.2 30.4



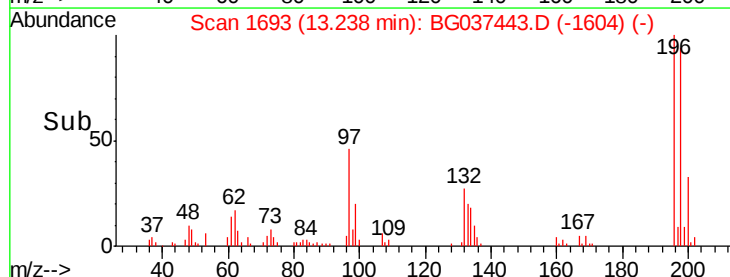
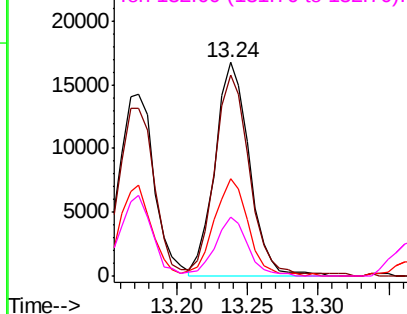
Abundance

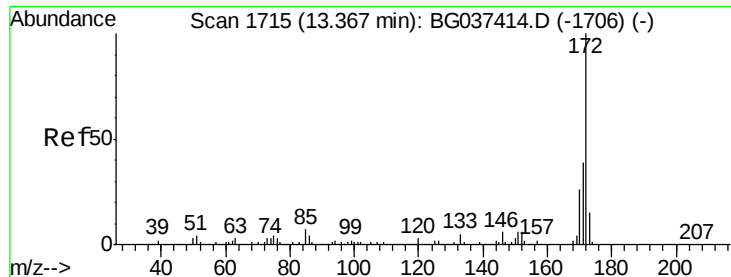
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

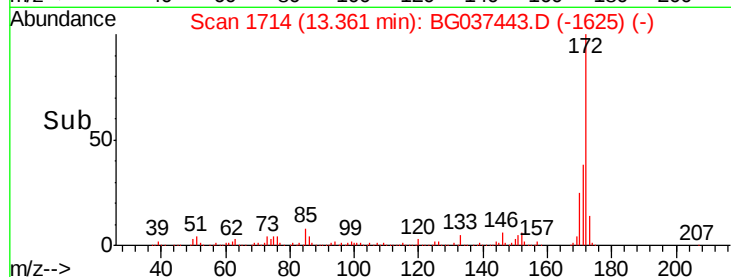
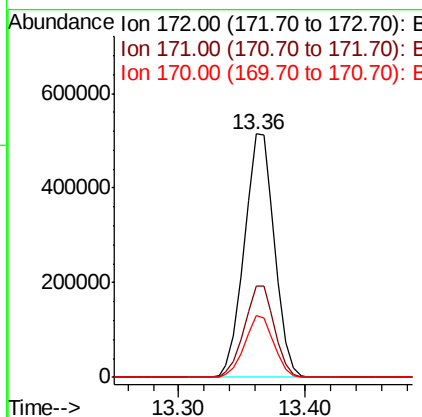
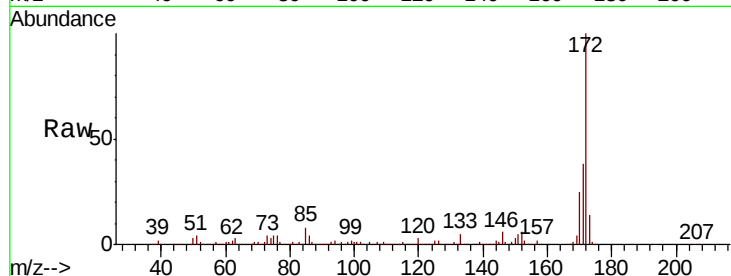




#45
 2-Fluorobiphenyl
 Concen: 82.271 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

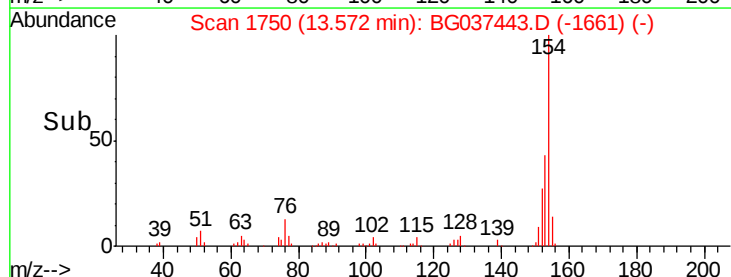
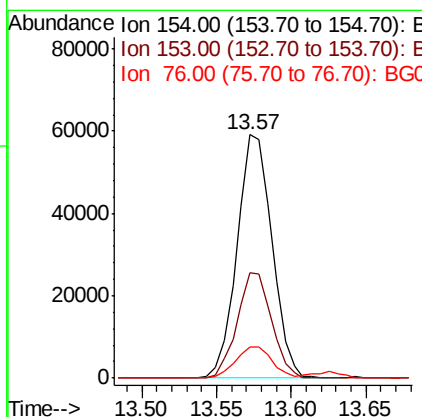
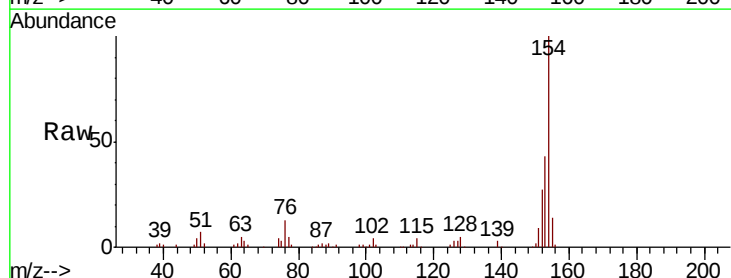
Instrument :
 BNA_G
 ClientSampleId :

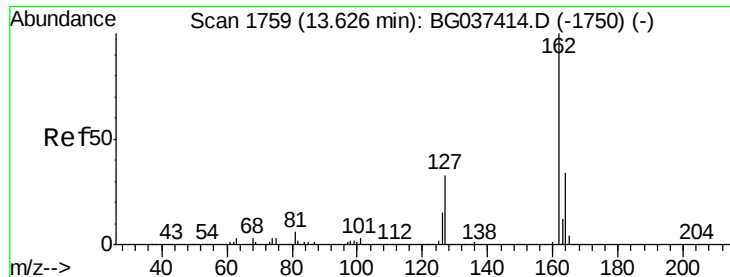
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.4	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 7.440 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	12.8	0.0	33.2





#47

2-Chloronaphthalene

Concen: 7.937 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

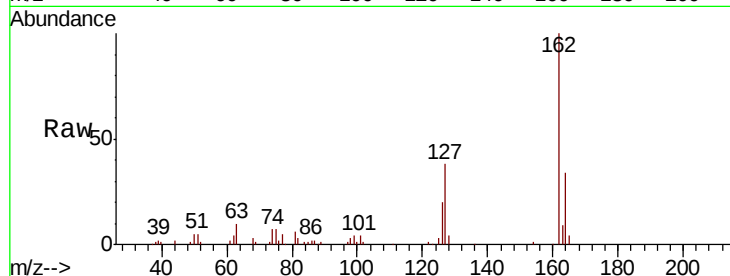
Tot Ion:162 Resp: 77437

Ion Ratio Lower Upper

162 100

127 38.2 30.5 45.7

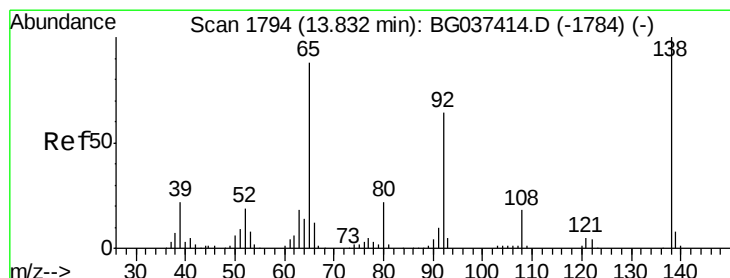
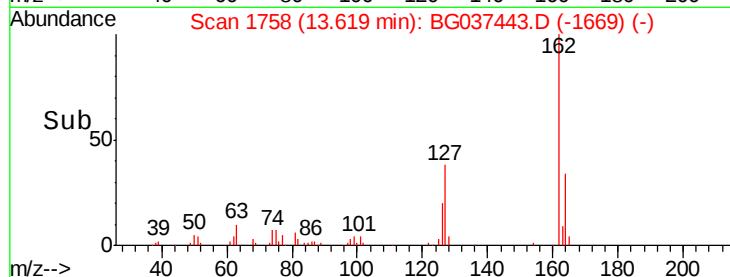
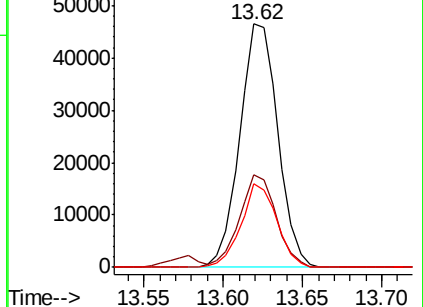
164 34.3 26.4 39.6



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: 7.285 ng

RT: 13.83 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

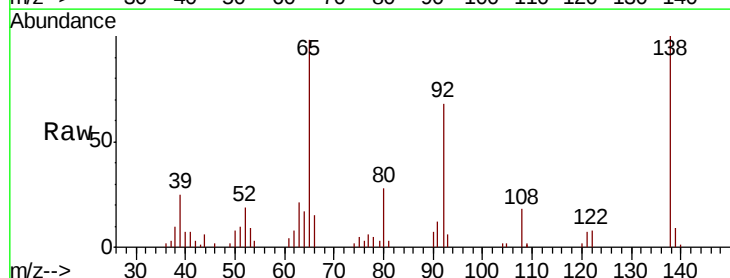
Tgt Ion: 65 Resp: 21555

Ion Ratio Lower Upper

65 100

92 69.7 53.2 79.8

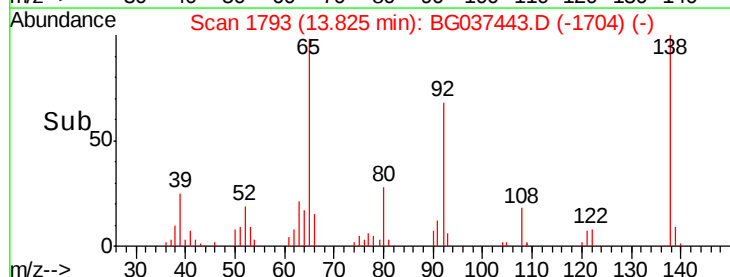
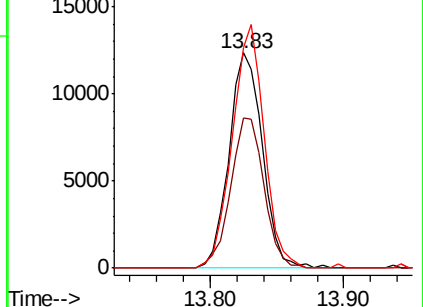
138 102.3 79.3 118.9



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: 8.808 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

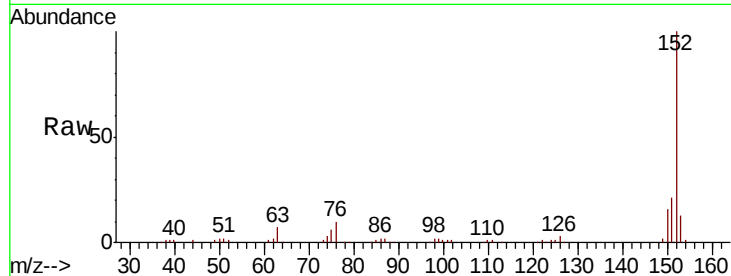
Tot Ion:152 Resp: 129263

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

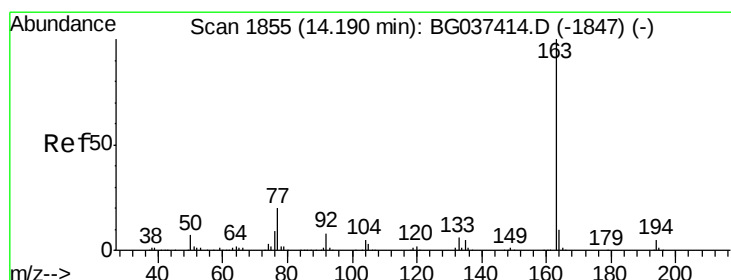
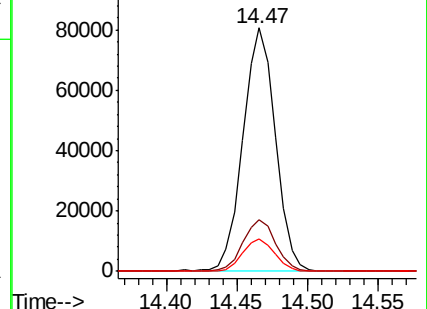
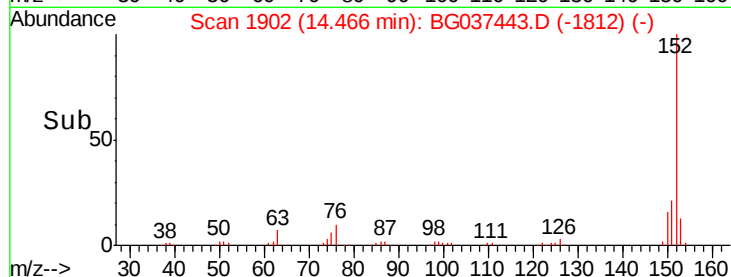
153 13.3 11.1 16.7



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: 8.359 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

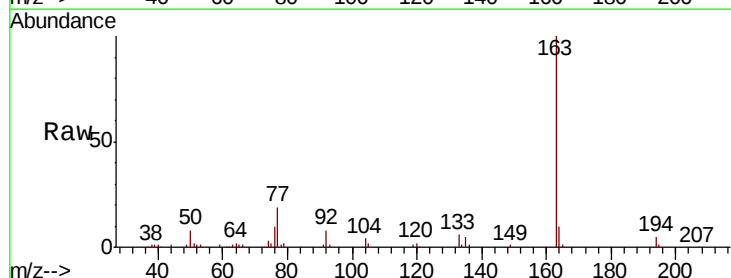
Tgt Ion:163 Resp: 100696

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

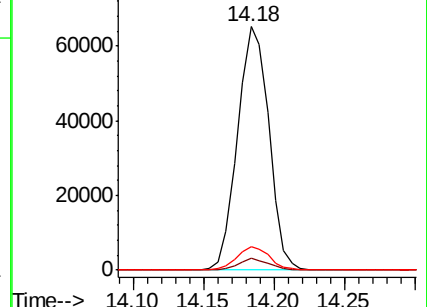
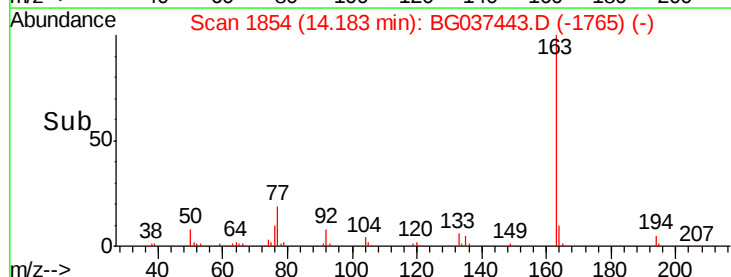
164 9.7 8.5 12.7

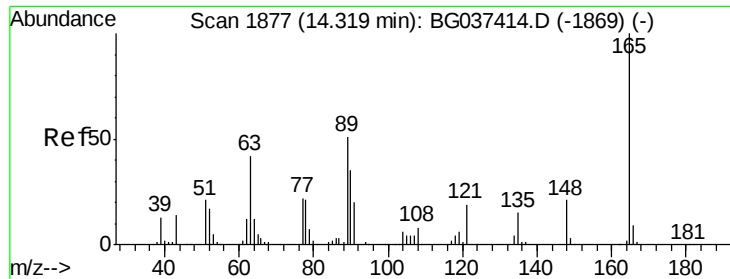


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

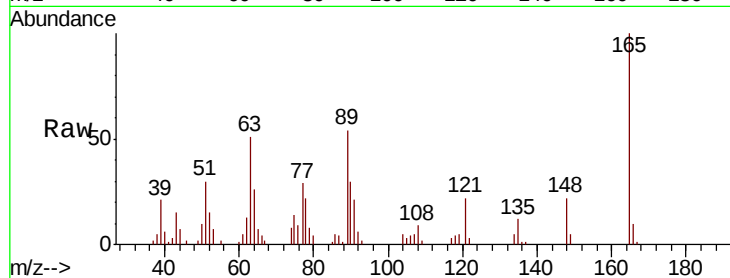




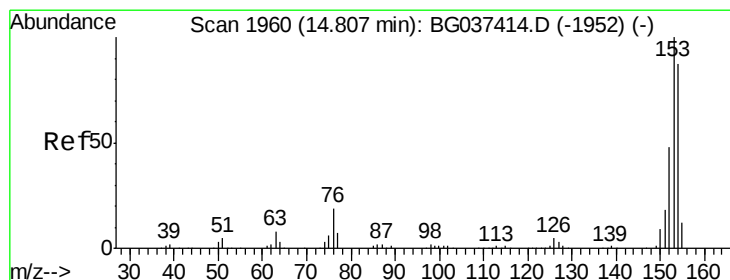
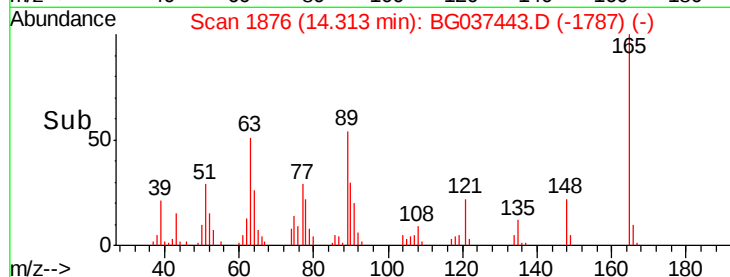
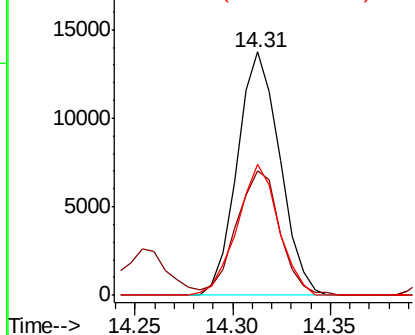
#51
2,6-Dinitrotoluene
Concen: 7.790 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 20759
Ion Ratio Lower Upper
165 100
63 51.3 43.4 65.2
89 53.9 45.8 68.6

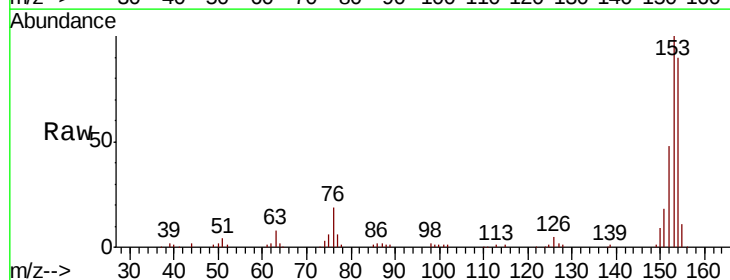


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

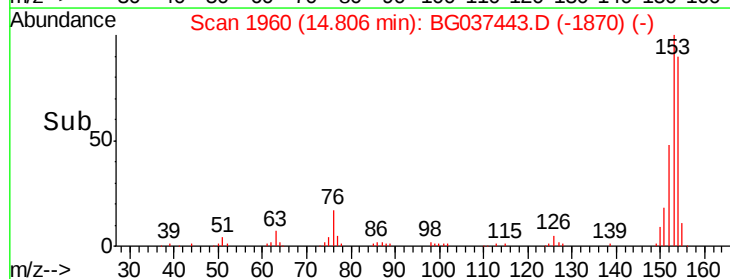
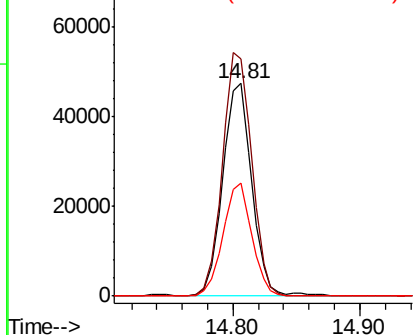


#52
Acenaphthene
Concen: 8.322 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:154 Resp: 75219
Ion Ratio Lower Upper
154 100
153 111.6 93.4 140.0
152 53.4 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: 6.581 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

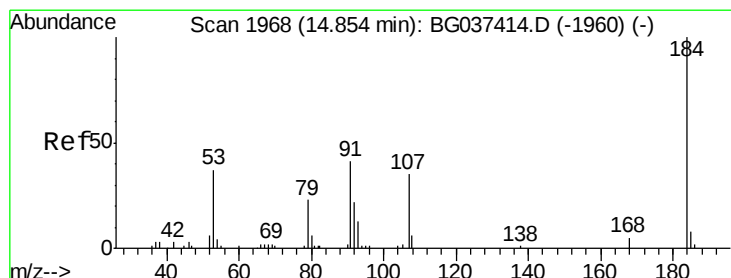
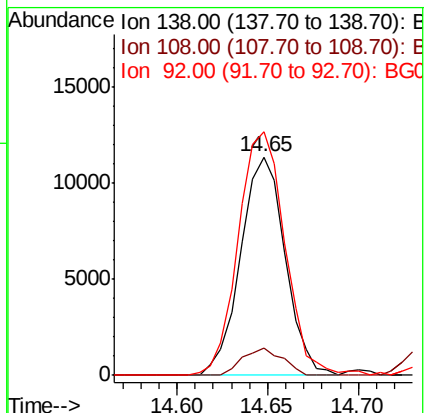
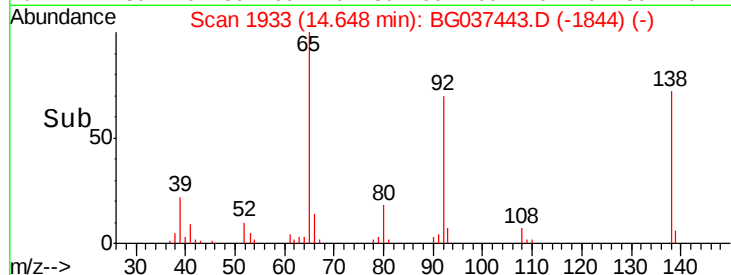
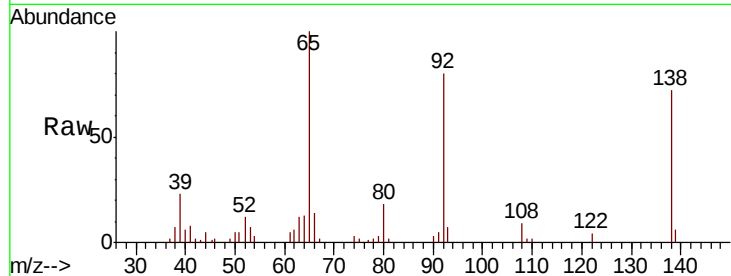
Tot Ion:138 Resp: 19470

Ion Ratio Lower Upper

138 100

108 12.2 11.0 16.6

92 111.4 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 8.908 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

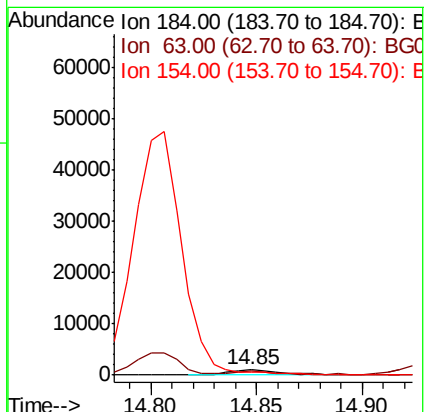
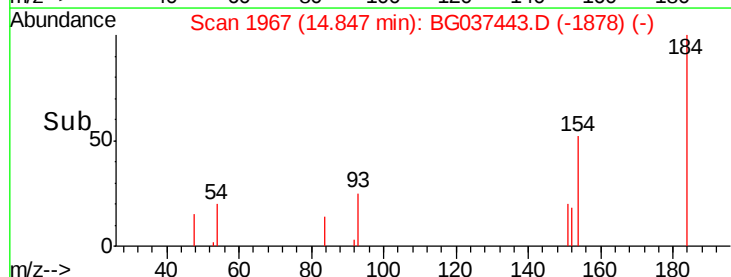
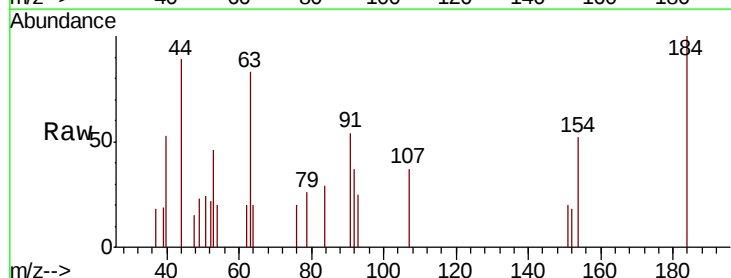
Tgt Ion:184 Resp: 1747

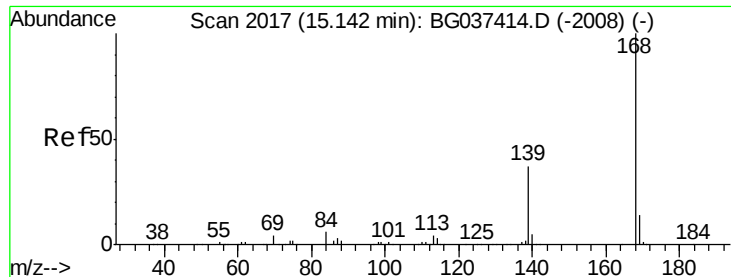
Ion Ratio Lower Upper

184 100

63 83.5 42.6 63.8#

154 52.3 41.8 62.6

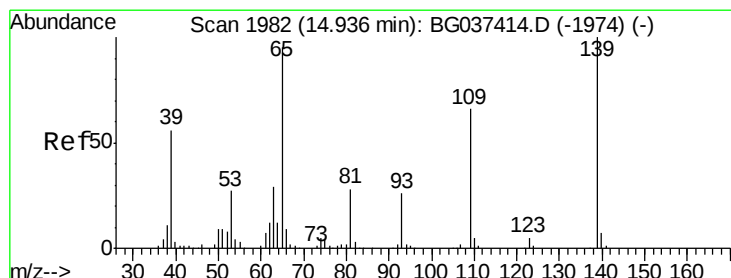
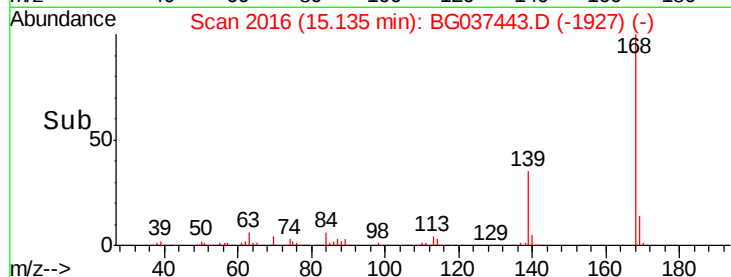
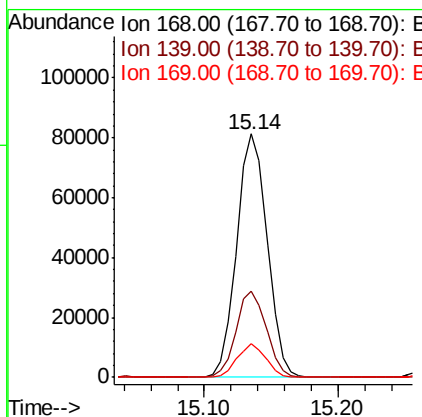
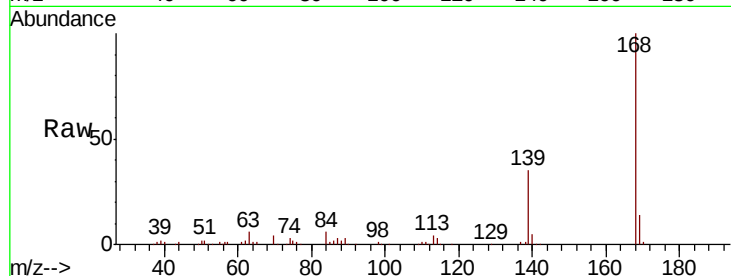




#55
Dibenzenofuran
Concen: 8.581 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

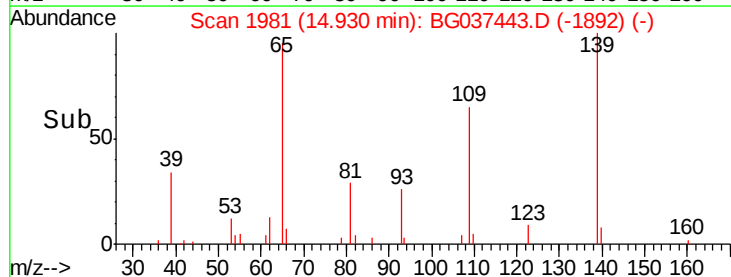
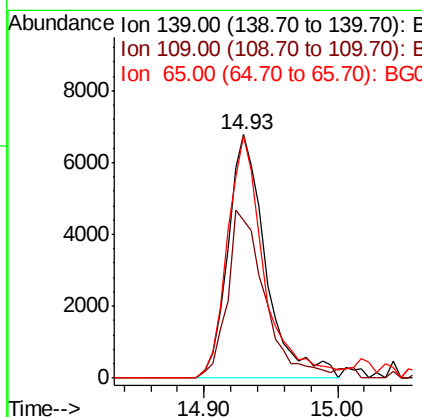
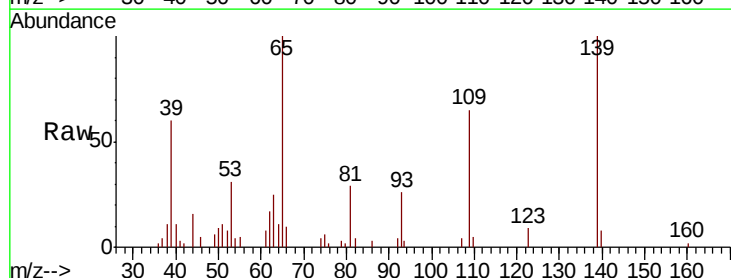
Instrument :
BNA_G
ClientSampleId :

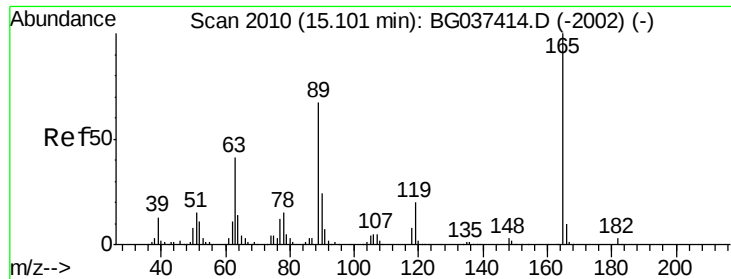
Tot Ion:168 Resp: 128501
Ion Ratio Lower Upper
168 100
139 35.3 29.4 44.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 6.098 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:139 Resp: 13353
Ion Ratio Lower Upper
139 100
109 64.7 49.5 89.5
65 99.6 76.8 116.8

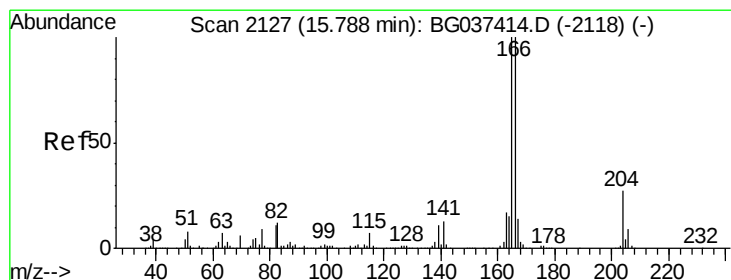
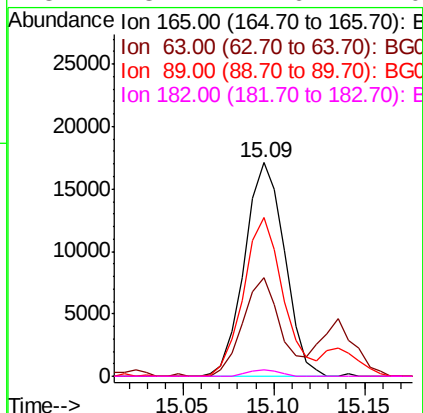
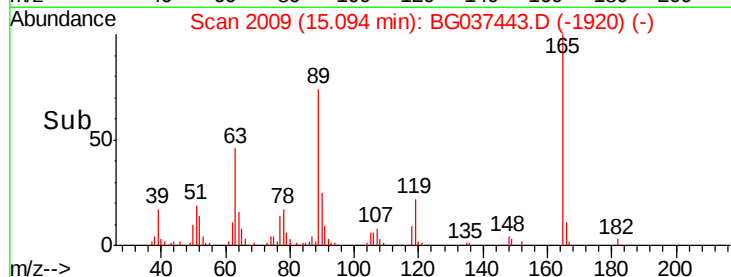
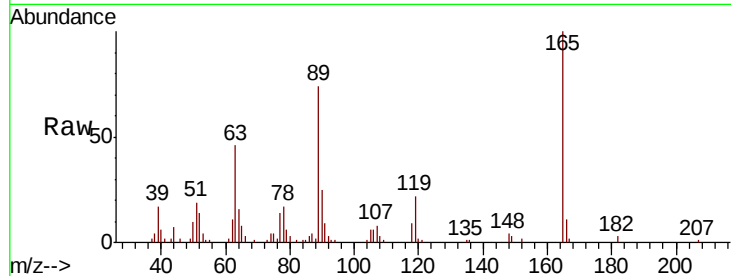




#57
 2,4-Dinitrotoluene
 Concen: 7.506 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

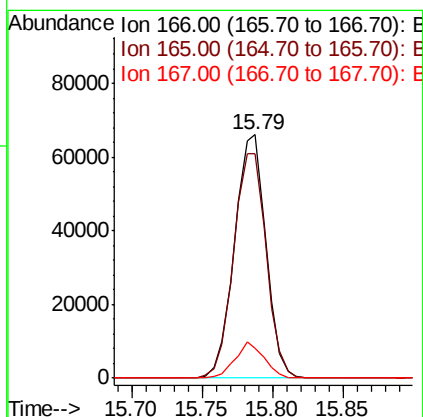
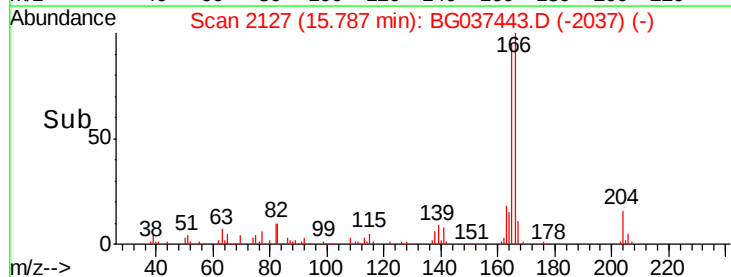
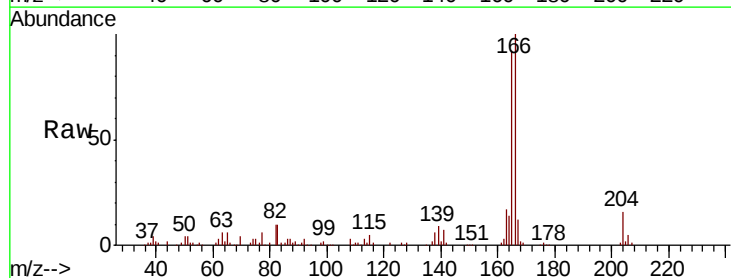
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 26258
 Ion Ratio Lower Upper
 165 100
 63 46.3 33.4 50.0
 89 74.4 57.2 85.8
 182 3.2 2.6 4.0



#58
 Fluorene
 Concen: 9.122 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion:166 Resp: 102299
 Ion Ratio Lower Upper
 166 100
 165 92.2 79.0 118.6
 167 12.1 11.3 16.9

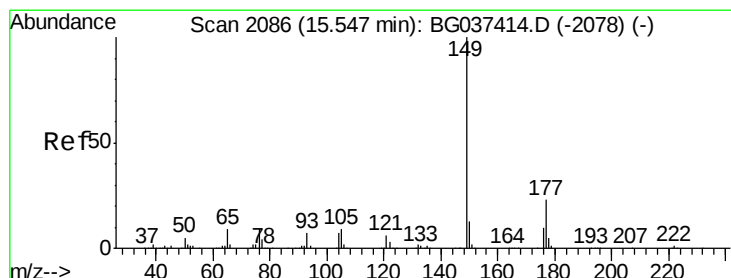
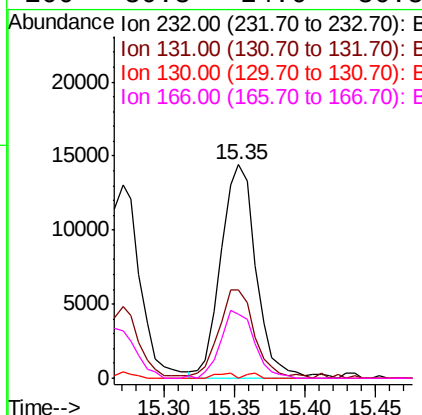
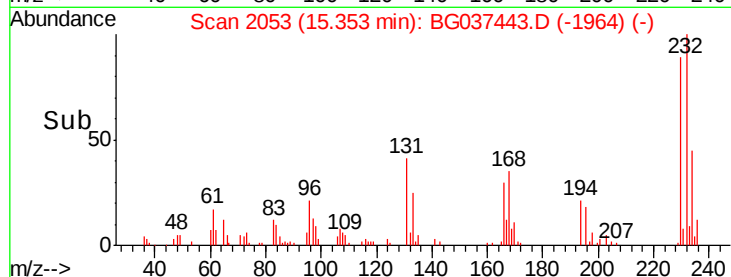
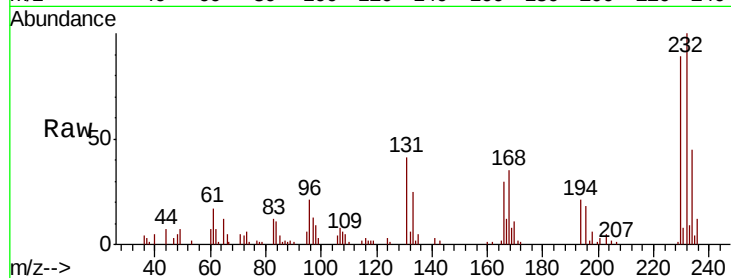




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.051 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

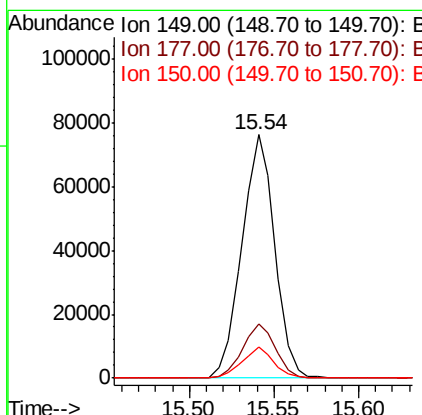
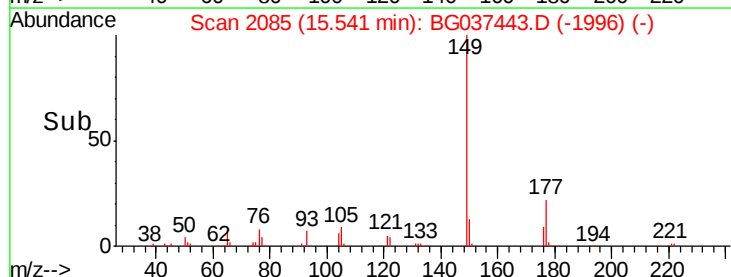
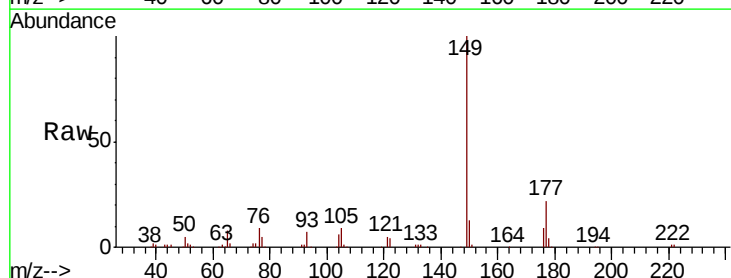
Instrument :
BNA_G
ClientSampleId :

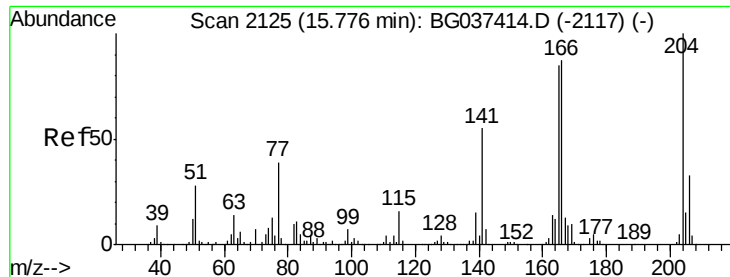
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.2	33.7	50.5
130	1.3	2.1	3.1
166	30.3	24.6	36.8



#60
Diethylphthalate
Concen: 8.341 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	12.6	10.0	15.0

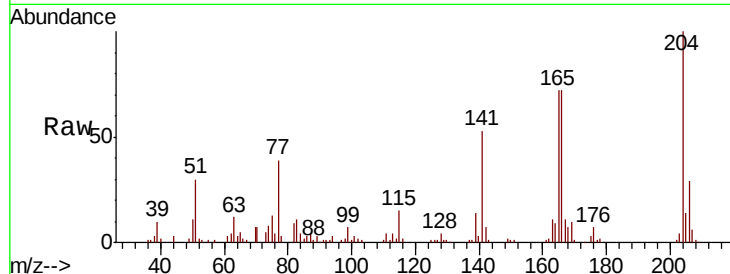




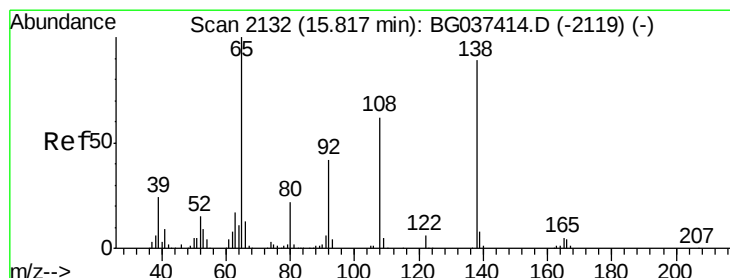
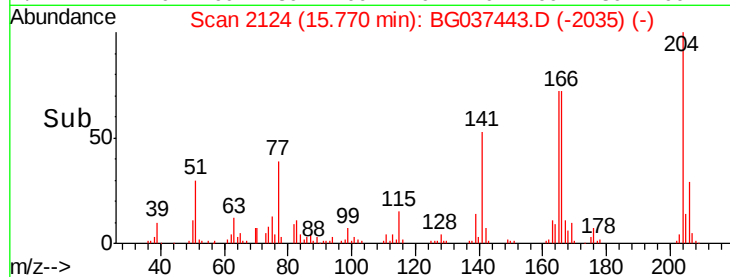
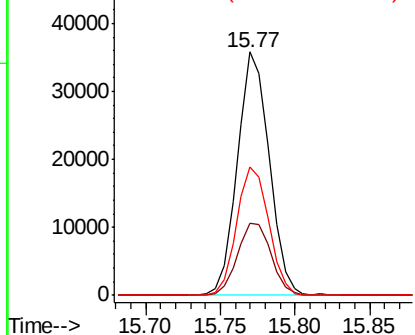
#61
 4-Chlorophenyl-phenylether
 Concen: 8.124 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 53106
 Ion Ratio Lower Upper
 204 100
 206 29.4 26.6 39.8
 141 52.6 45.4 68.2

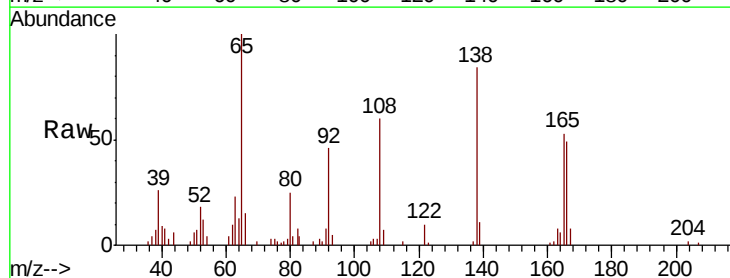


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

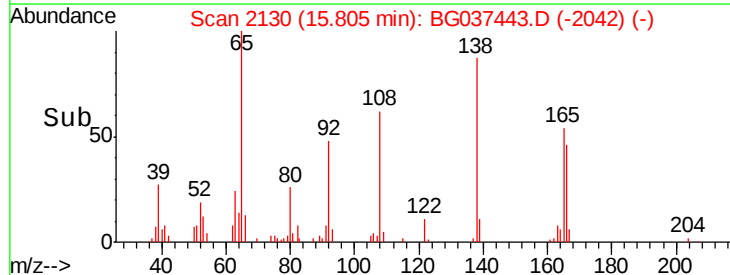
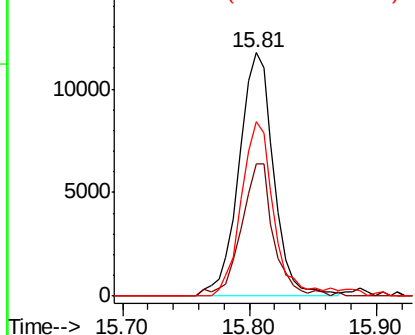


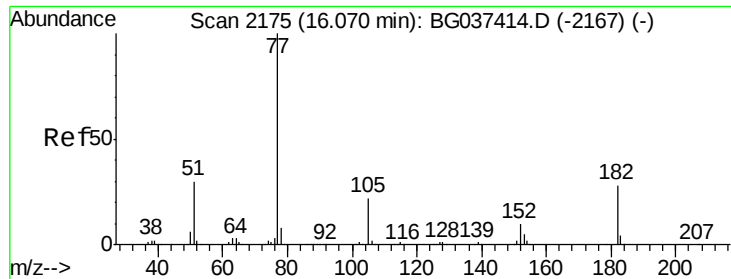
#62
 4-Nitroaniline
 Concen: 7.594 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion:138 Resp: 22323
 Ion Ratio Lower Upper
 138 100
 92 54.6 36.4 76.4
 108 71.6 60.1 100.1



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

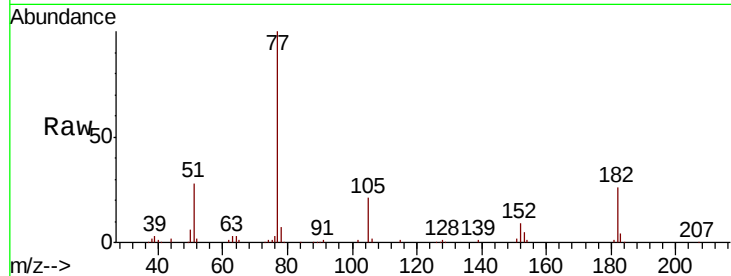




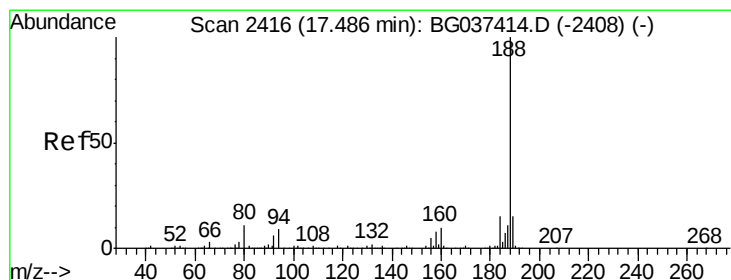
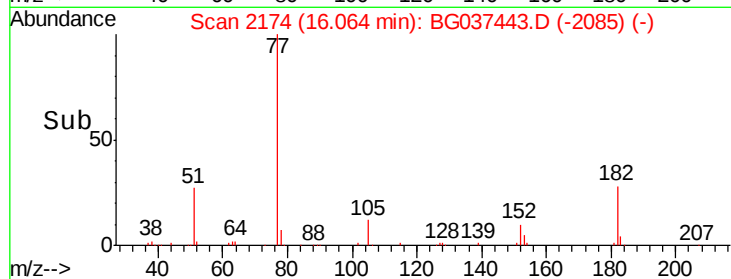
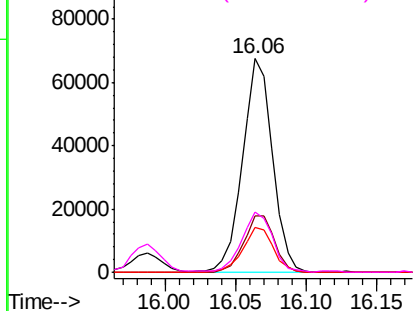
#63
Azobenzene
Concen: 8.508 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	100398
Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.0	48.0
105	21.3	1.3	41.3
51	28.0	10.7	50.7

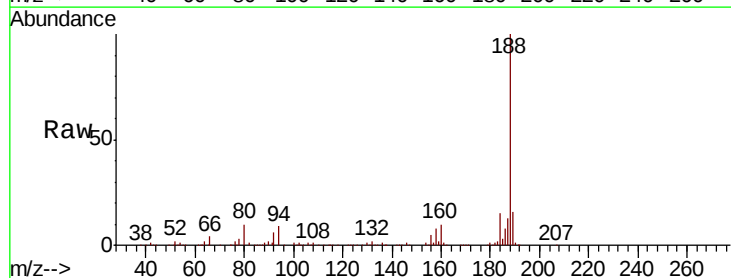


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

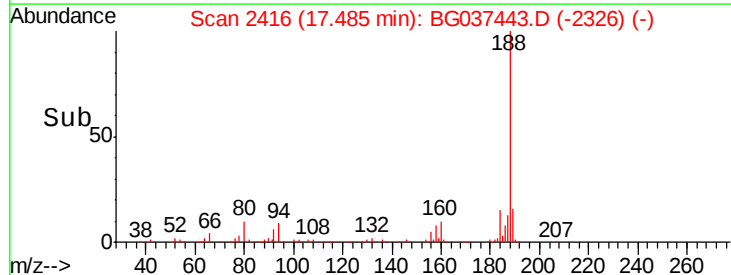
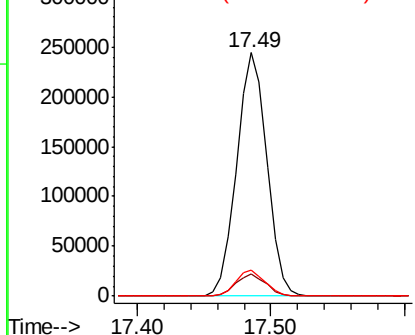


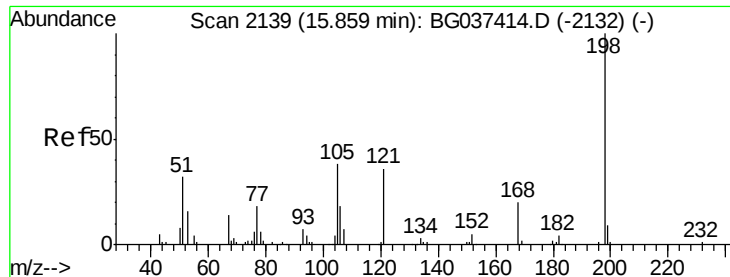
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:	188	Resp:	380969
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	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

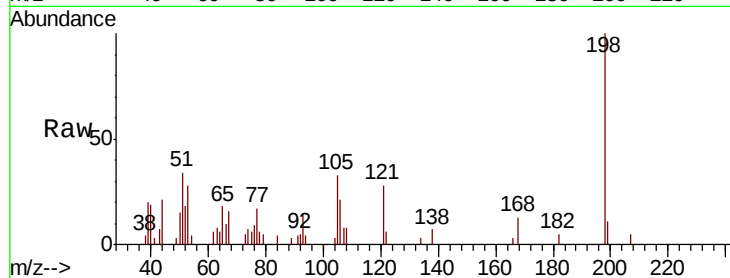




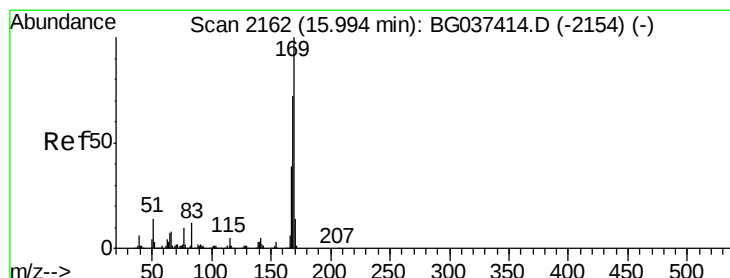
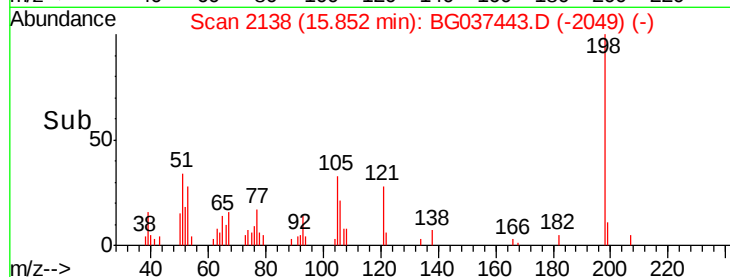
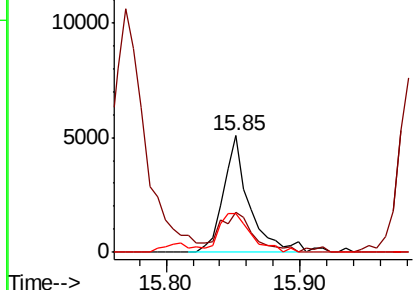
#65
4,6-Dinitro-2-methylphenol
Concen: 11.372 ng
RT: 15.85 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 6960
Ion Ratio Lower Upper
198 100
51 34.4 22.7 62.7
105 33.2 19.7 59.7

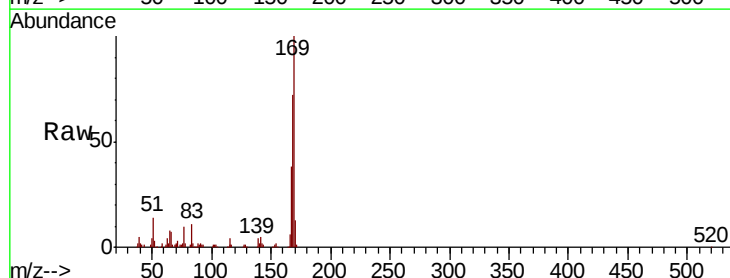


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

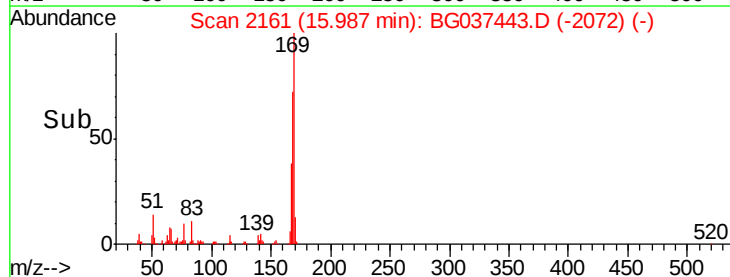
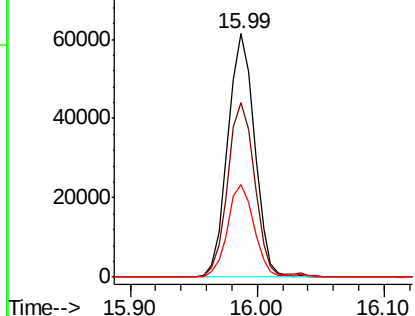


#66
n-Nitrosodiphenylamine
Concen: 7.847 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:169 Resp: 89923
Ion Ratio Lower Upper
169 100
168 71.5 55.7 83.5
167 38.2 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

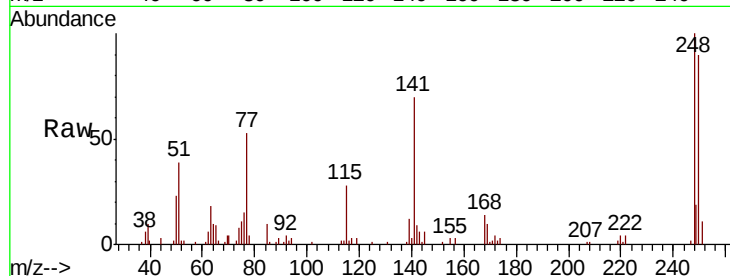




#67
4-Bromophenyl-phenylether
Concen: 7.528 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	89.7	77.0	115.6
141	69.8	55.5	83.3

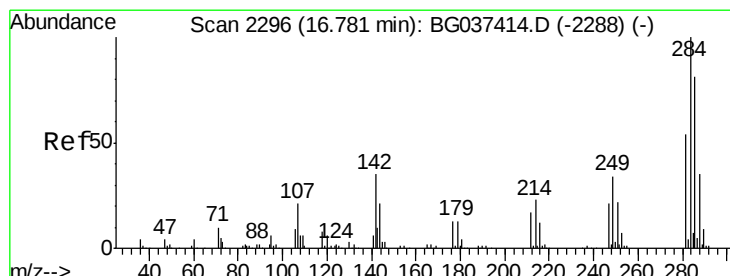
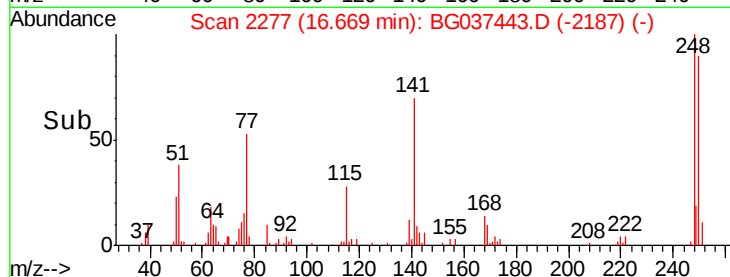
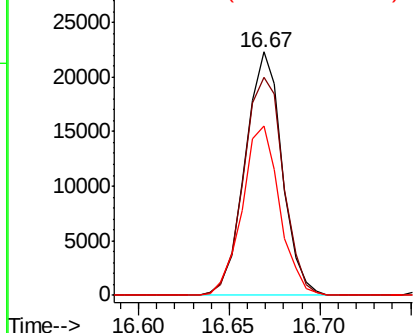


Abundance

Ion 248.00 (247.70 to 248.70): E

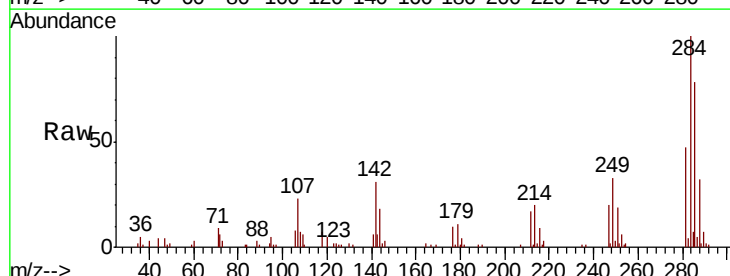
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 7.524 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	28.1	42.1
249	35.7	29.8	44.8

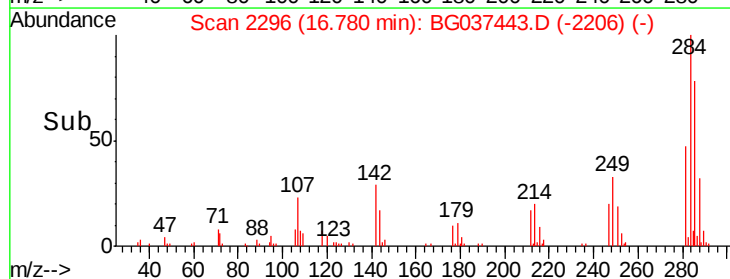
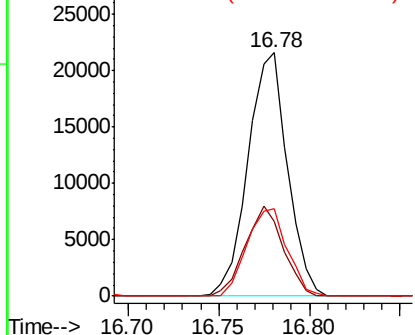


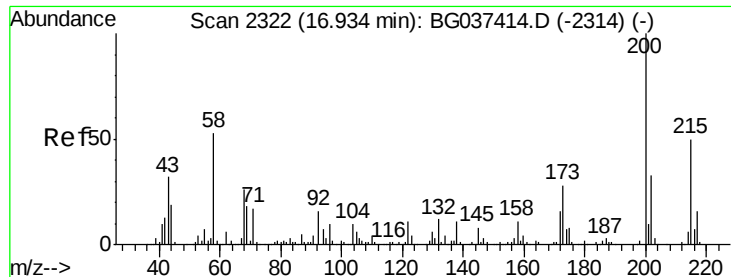
Abundance

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

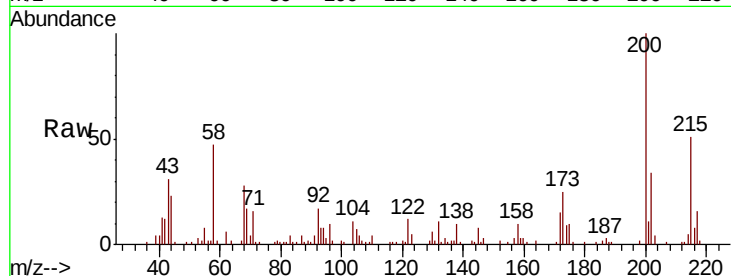




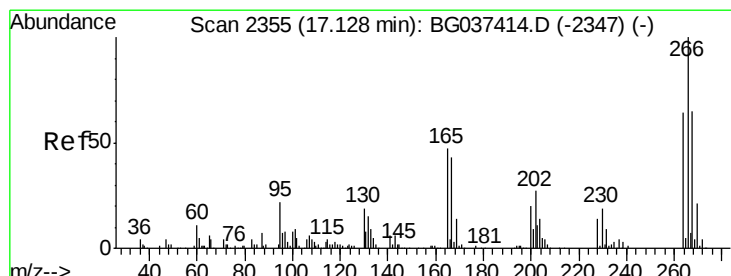
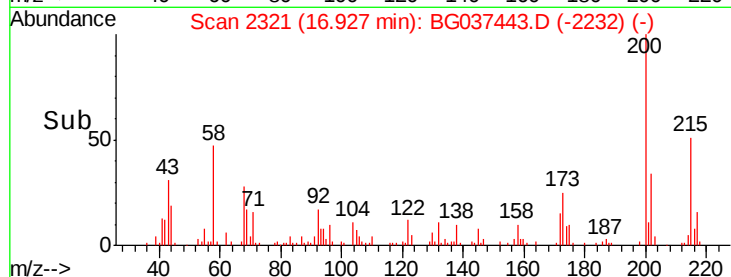
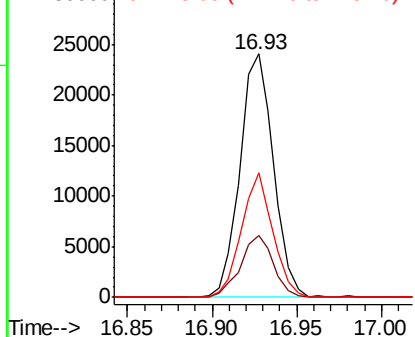
#69
 Atrazine
 Concen: 7.997 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 33133
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.1 46.1
 215 51.0 30.8 70.8

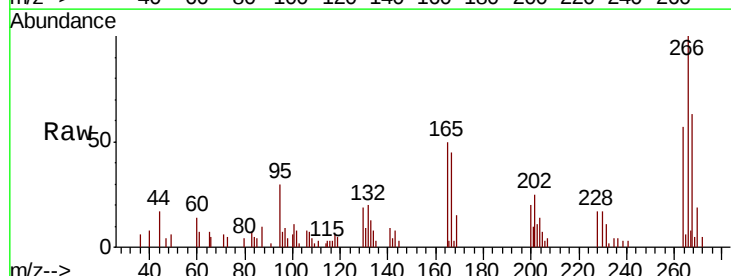


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

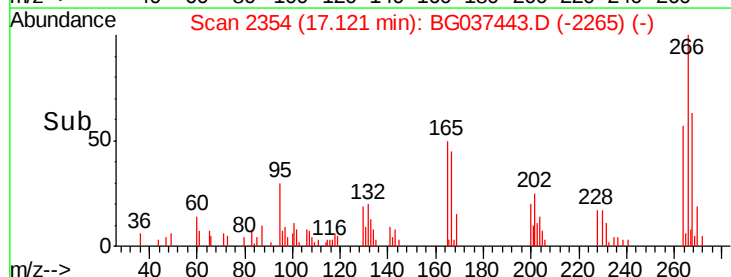
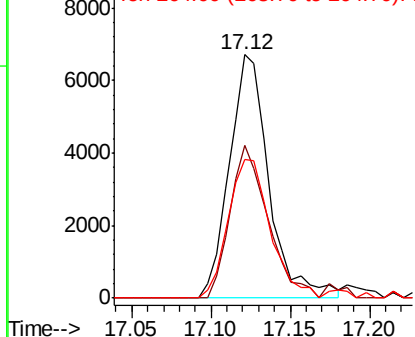


#70
 Pentachlorophenol
 Concen: 3.997 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037443.D
 Acq: 19 Oct 2018 7:06

Tgt Ion:266 Resp: 11610
 Ion Ratio Lower Upper
 266 100
 268 68.0 55.0 82.6
 264 57.0 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

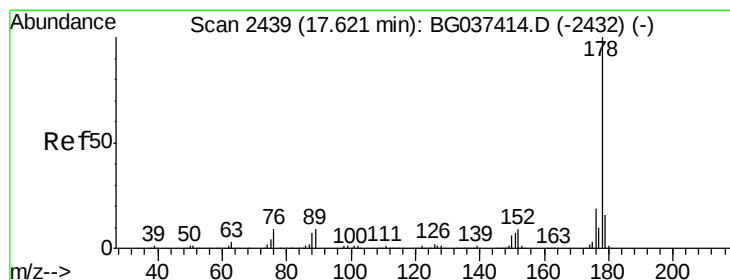
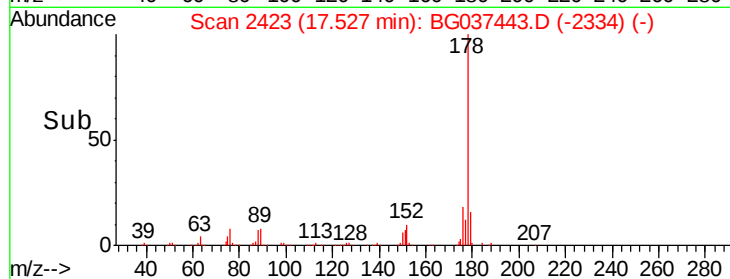
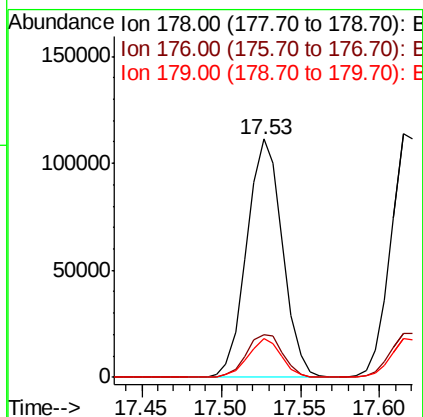
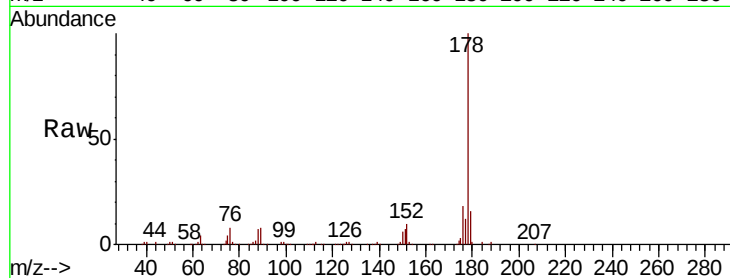




#71
Phenanthrene
Concen: 8.980 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

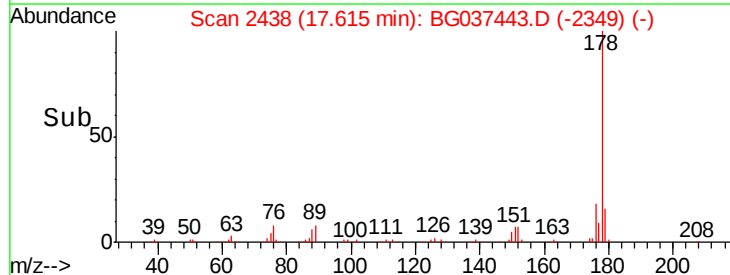
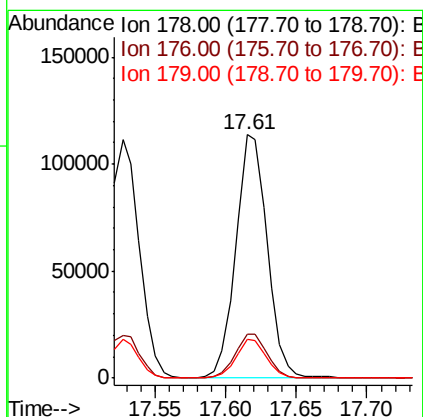
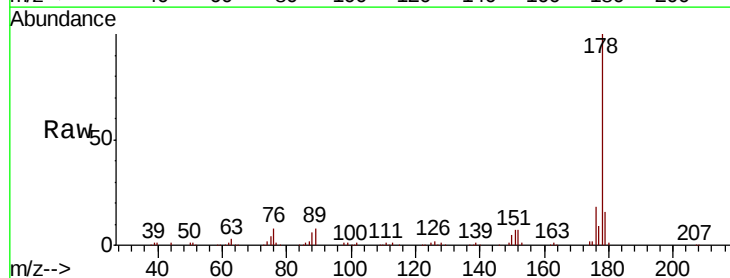
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 173877
Ion Ratio Lower Upper
178 100
176 18.0 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 9.263 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:178 Resp: 176003
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.7 12.8 19.2





#73

Carbazole

Concen: 8.079 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

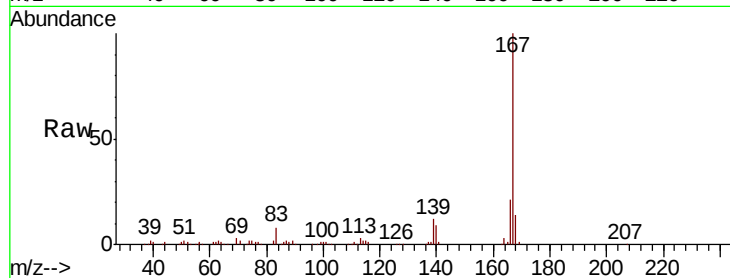
Tot Ion:167 Resp: 153562

Ion Ratio Lower Upper

167 100

166 21.4 18.3 27.5

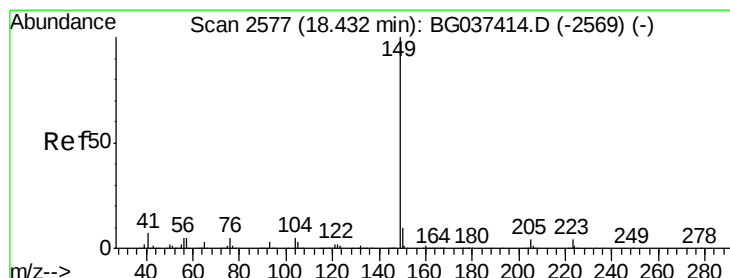
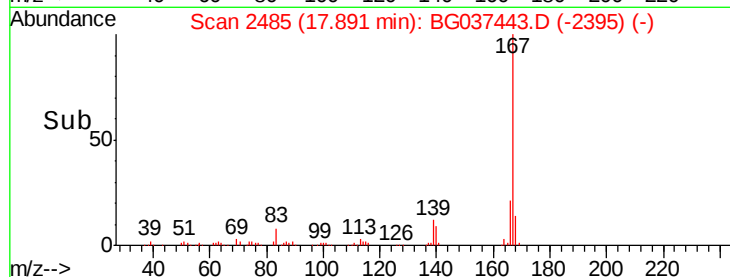
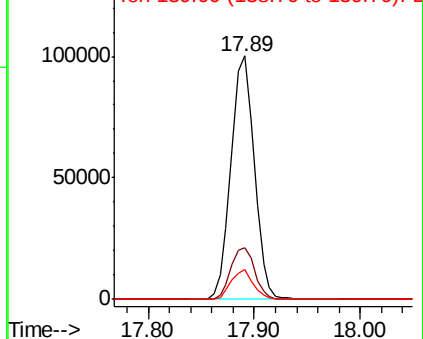
139 12.1 10.5 15.7



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: 8.134 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

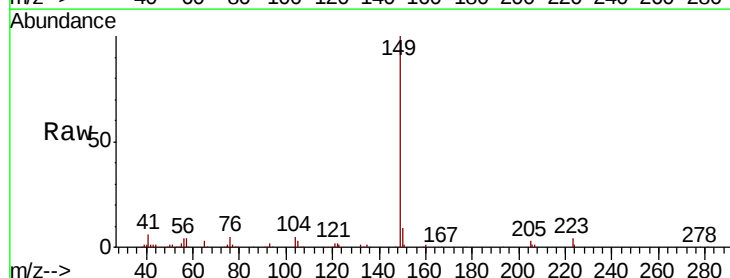
Tgt Ion:149 Resp: 171989

Ion Ratio Lower Upper

149 100

150 9.0 8.2 12.2

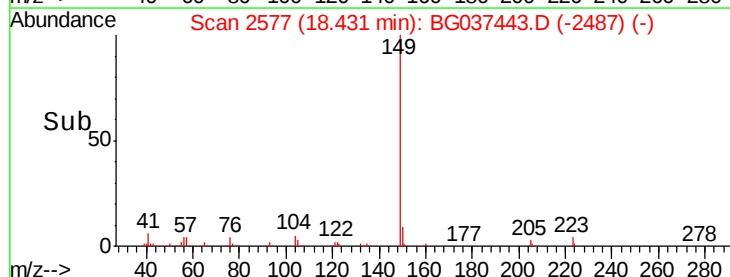
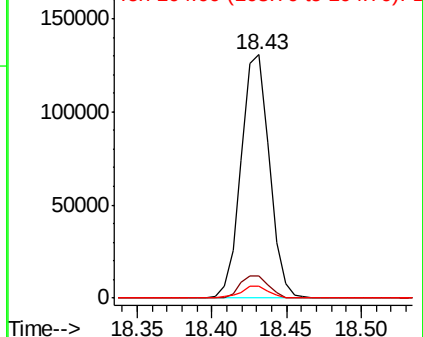
104 4.9 4.0 6.0



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: 8.915 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037443.D

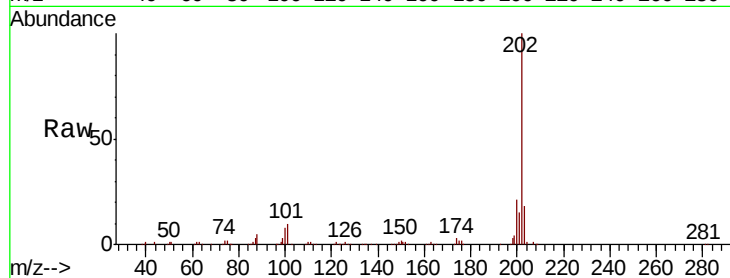
Acq: 19 Oct 2018 7:06

Instrument :

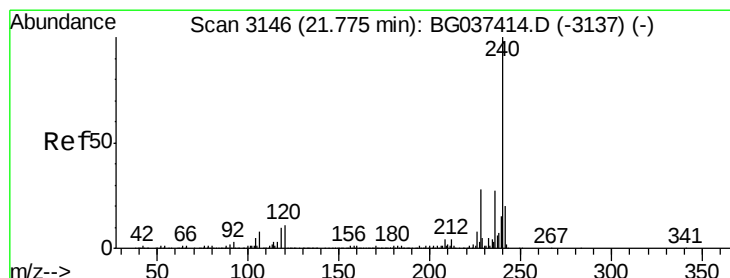
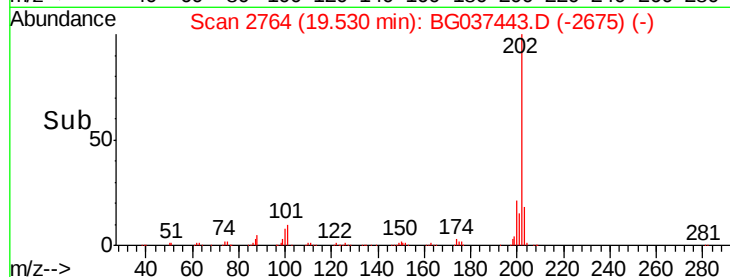
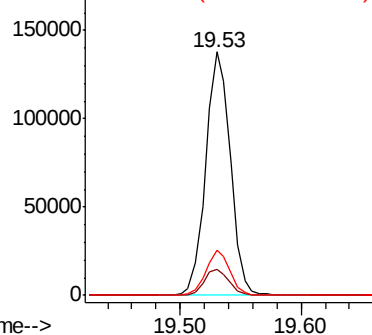
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	195773
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.7
203	18.4	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

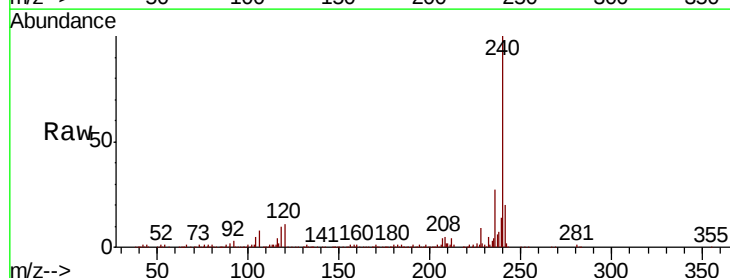
RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

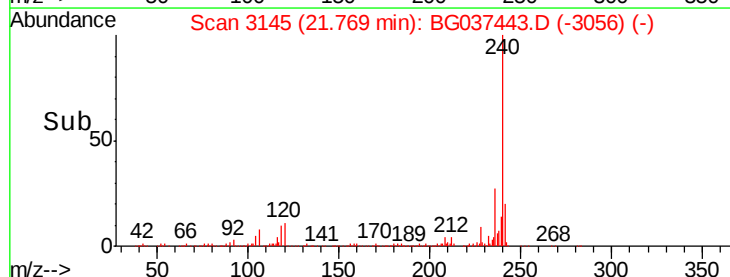
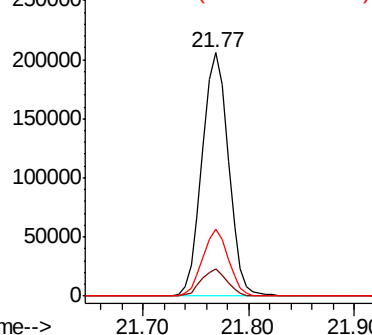
Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Tgt Ion:	240	Resp:	356610
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	27.4	21.4	32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.374 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

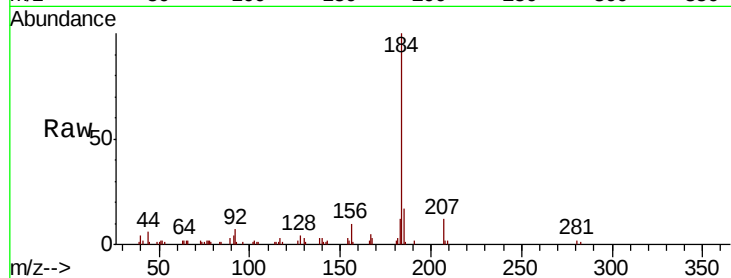
Tot Ion:184 Resp: 28785

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

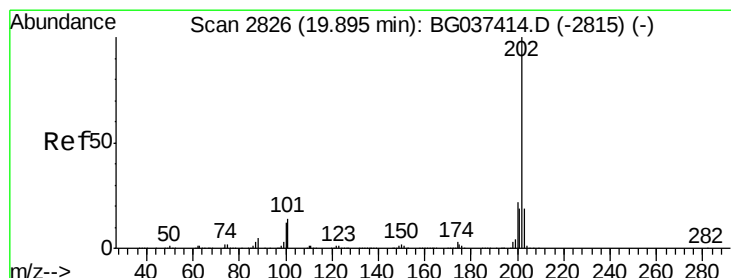
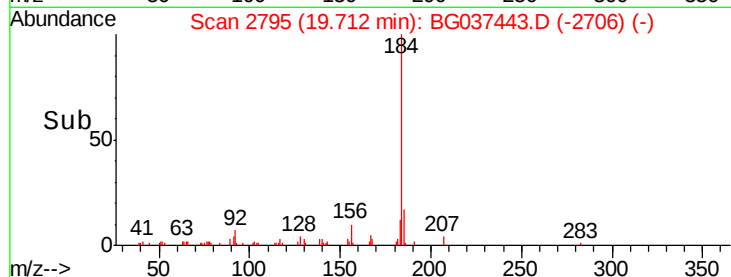
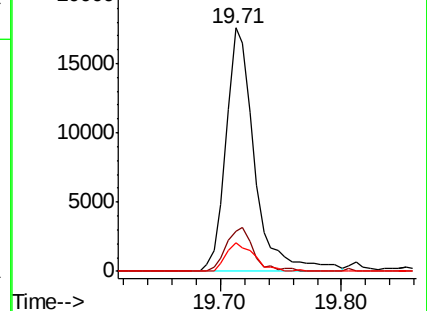
183 11.7 10.2 15.2



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: 8.661 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

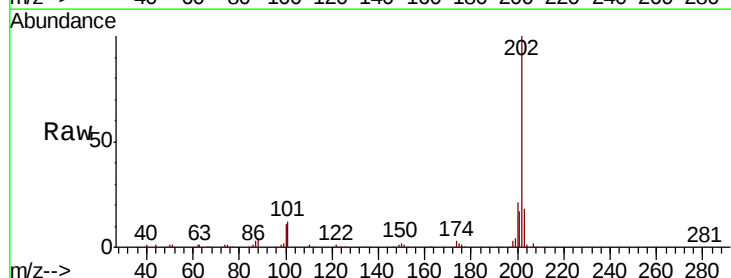
Tgt Ion:202 Resp: 201913

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

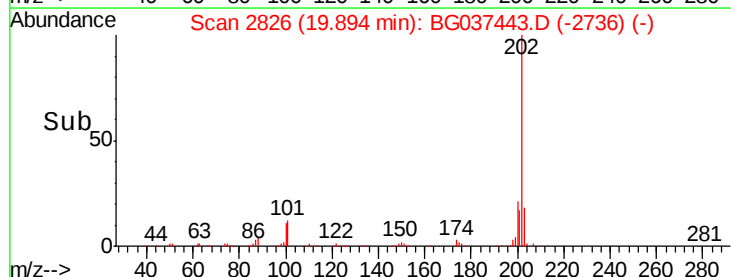
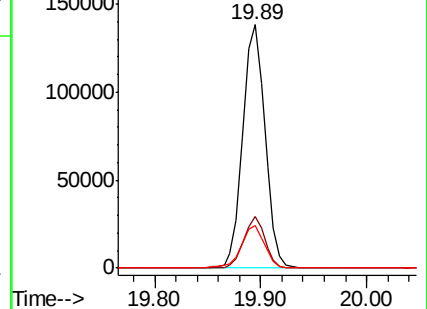
203 17.7 15.2 22.8



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: 78.724 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

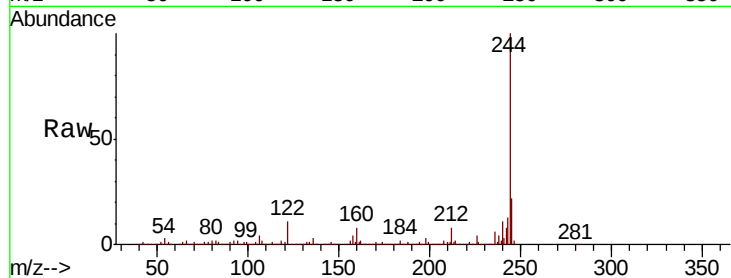
Tot Ion:244 Resp: 1313846

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.9	9.0	13.4

244 100

212 8.1 6.5 9.7

122 10.9 9.0 13.4

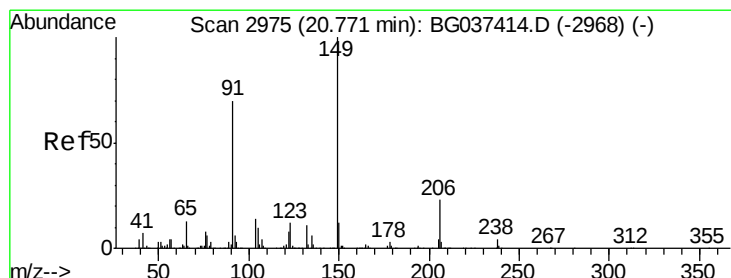
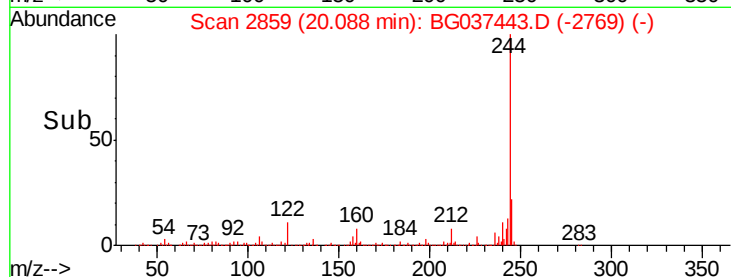
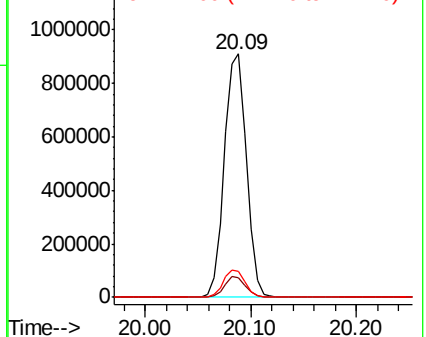


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.378 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

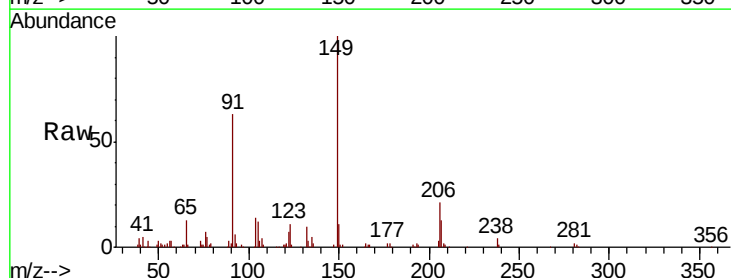
Tgt Ion:149 Resp: 70389

Ion	Ratio	Lower	Upper
149	100		
91	63.5	57.0	85.4
206	21.1	17.8	26.6

149 100

91 63.5 57.0 85.4

206 21.1 17.8 26.6

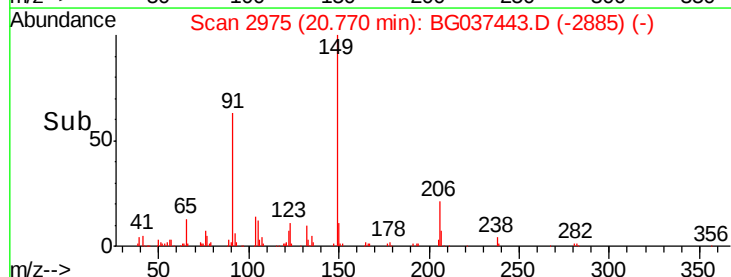
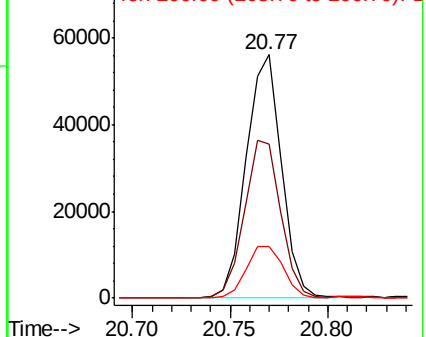


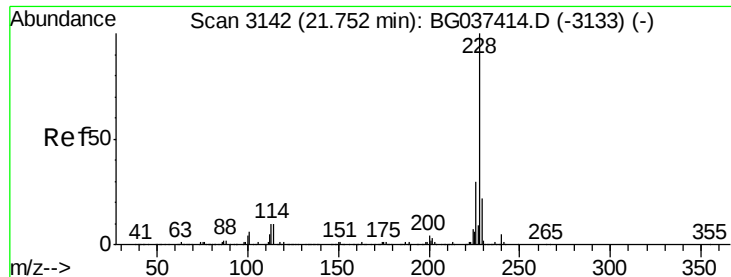
Abundance

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

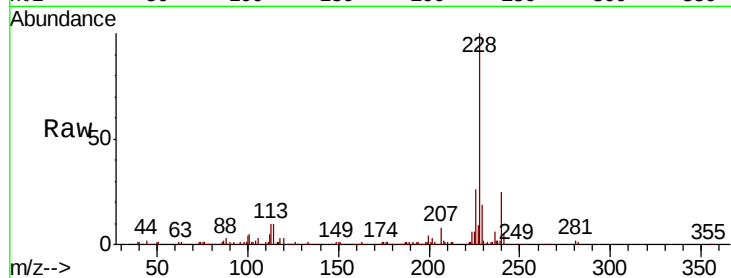




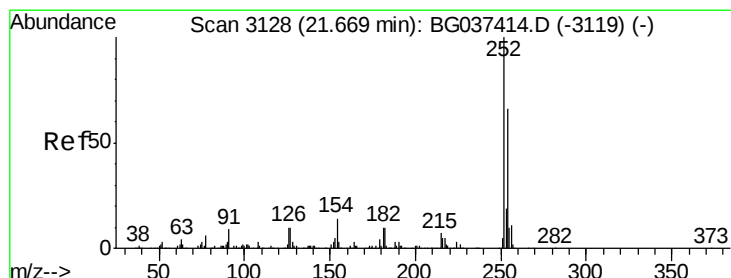
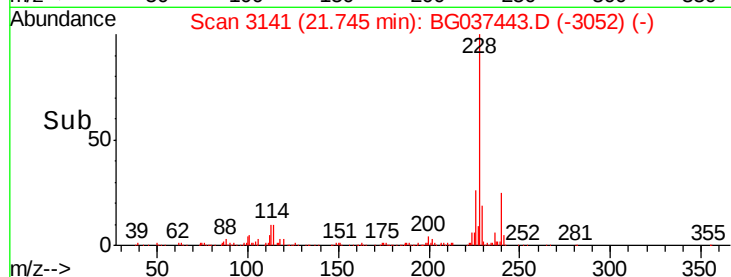
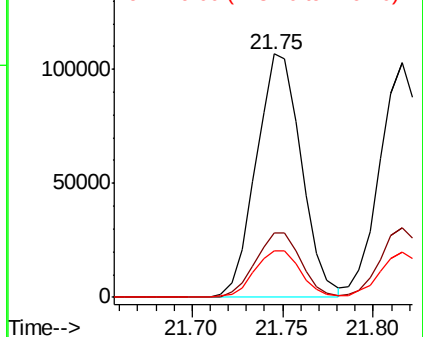
#81
Benzo(a)anthracene
Concen: 8.778 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 185152
Ion Ratio Lower Upper
228 100
226 26.2 22.6 33.8
229 19.3 16.3 24.5

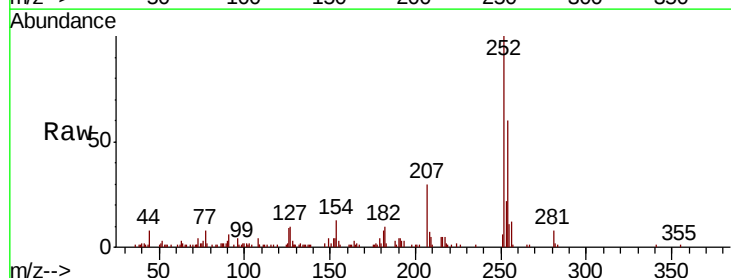


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

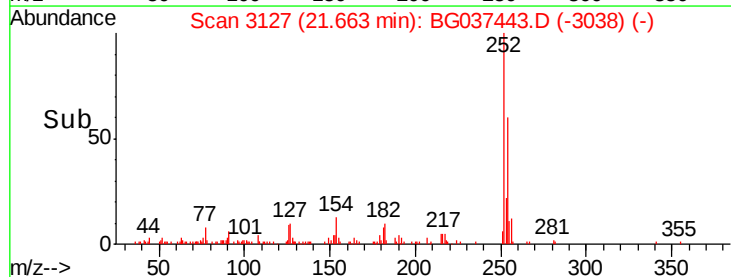
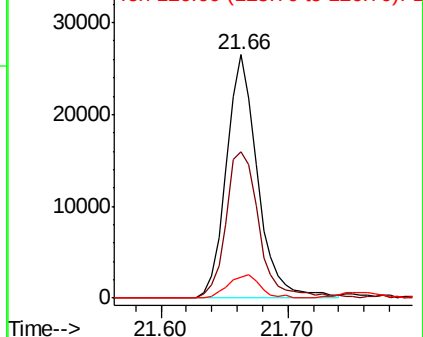


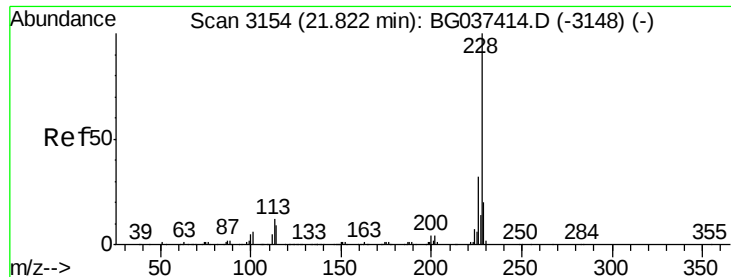
#82
3,3'-Dichlorobenzidine
Concen: 5.518 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion:252 Resp: 45117
Ion Ratio Lower Upper
252 100
254 60.0 52.0 78.0
126 8.8 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: 8.656 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

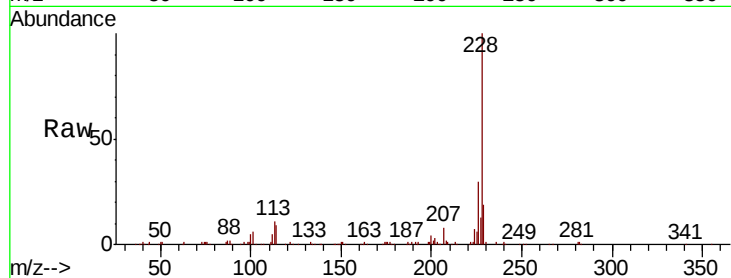
Tot Ion:228 Resp: 175558

Ion Ratio Lower Upper

228 100

226 29.7 25.7 38.5

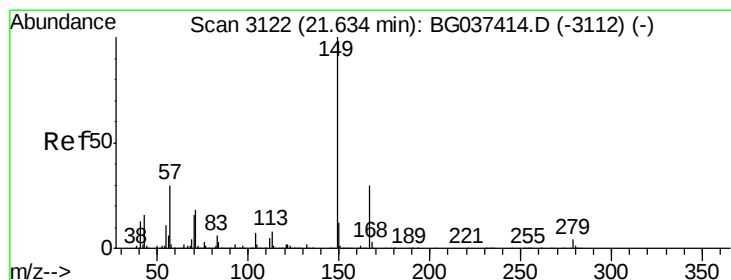
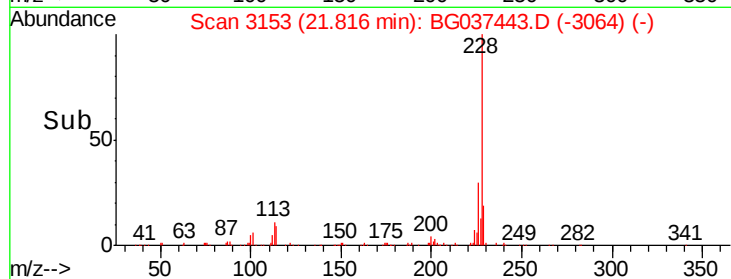
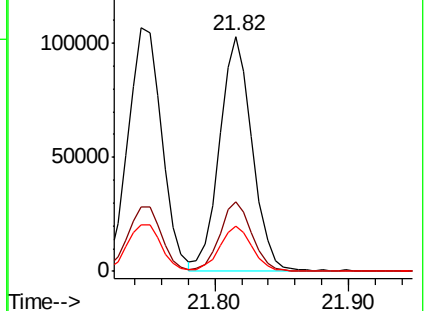
229 19.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.557 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

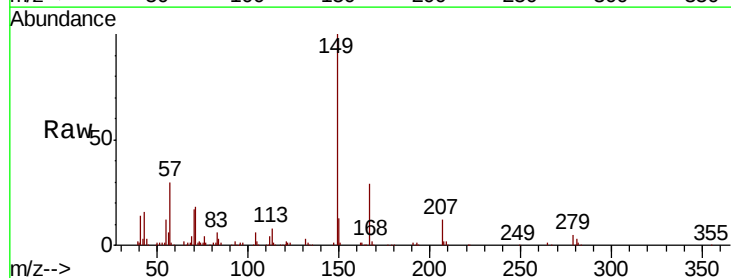
Tgt Ion:149 Resp: 101060

Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.4

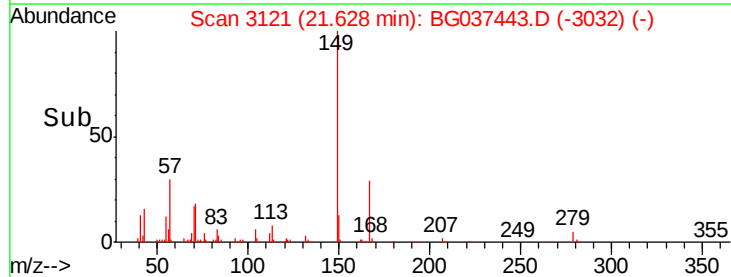
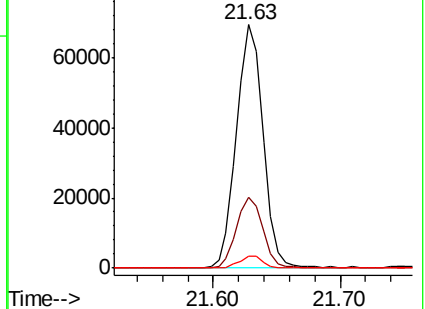
279 4.7 3.6 5.4

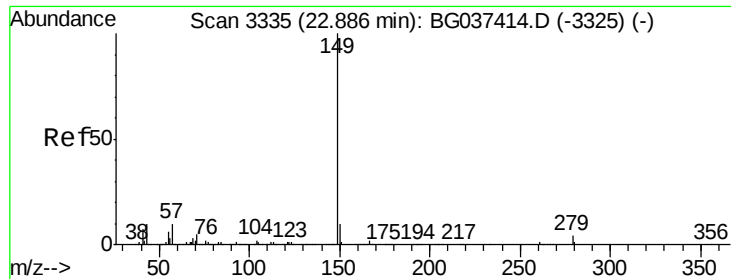


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 7.590 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampled :

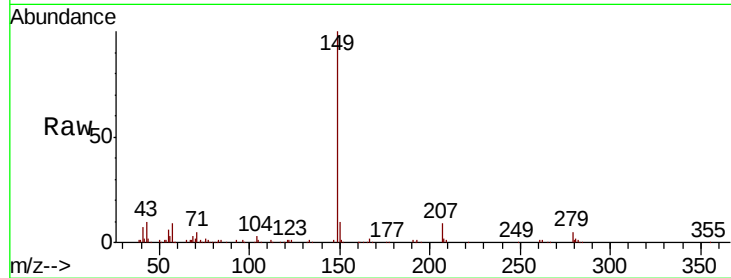
Tot Ion:149 Resp: 165511

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

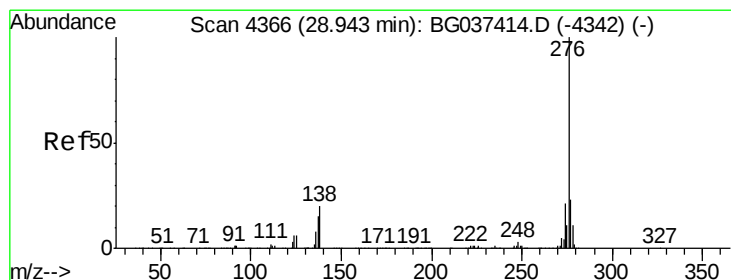
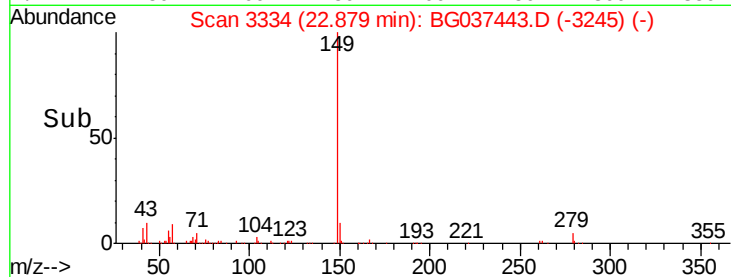
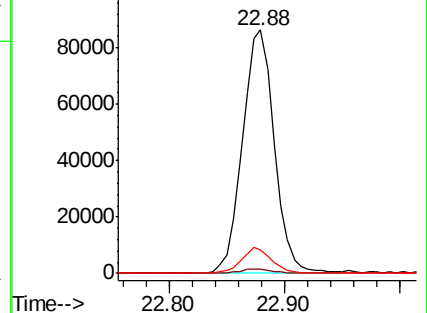
43 10.0 8.7 13.1



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: 7.137 ng

RT: 28.91 min Scan# 4361

Delta R.T. -0.03 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

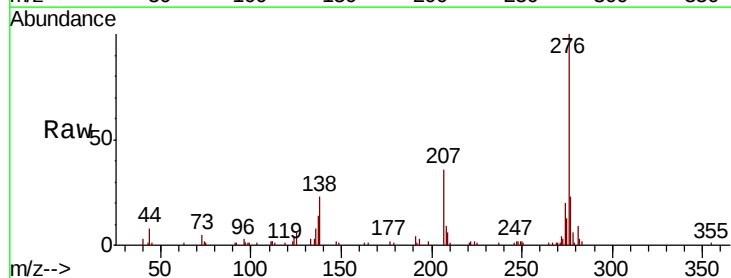
Tgt Ion:276 Resp: 155250

Ion Ratio Lower Upper

276 100

138 16.6 12.0 18.0

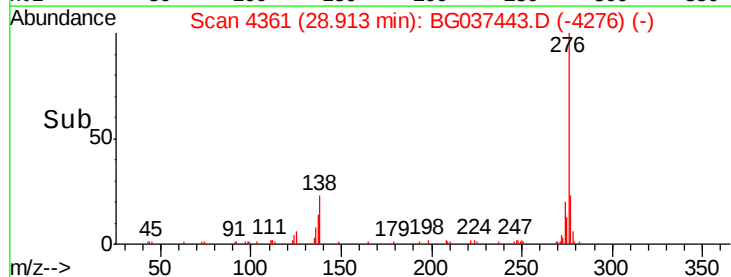
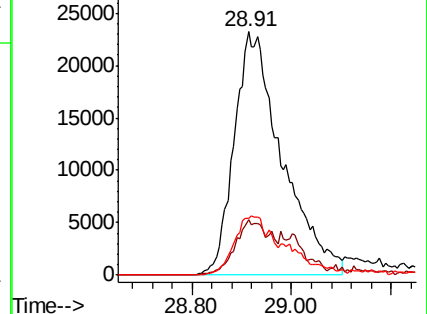
277 17.9 20.6 30.8#

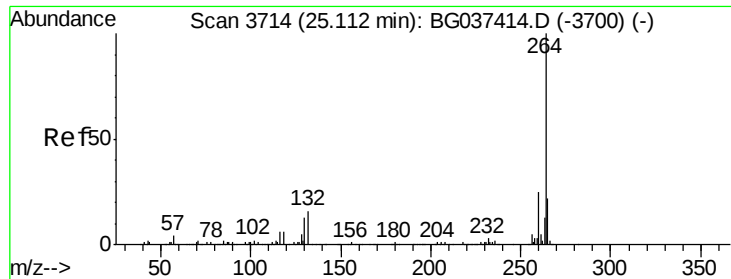


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

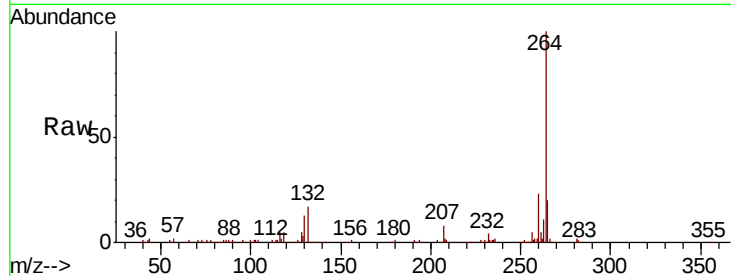
Tot Ion:264 Resp: 358211

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.1 17.9 26.9

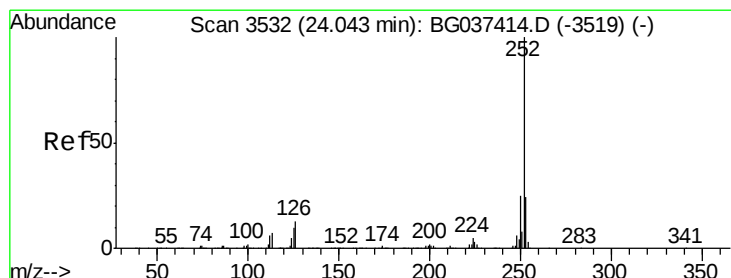
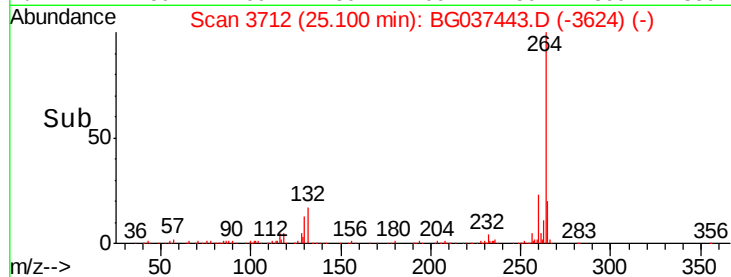
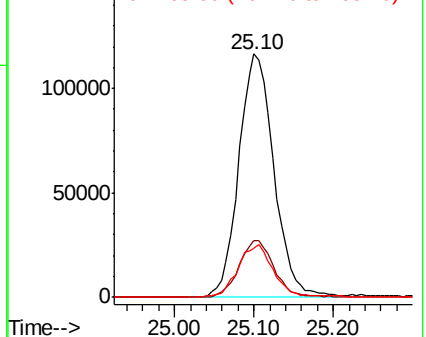


Abundance

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: 8.546 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

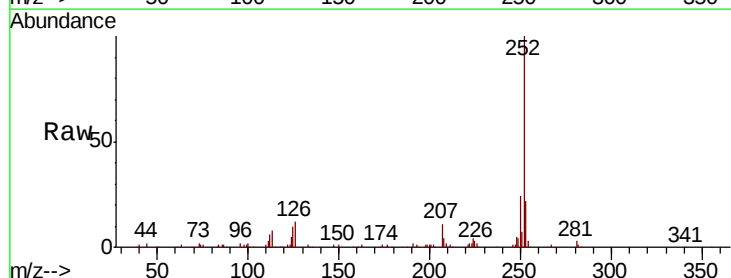
Tgt Ion:252 Resp: 167824

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 10.0 7.8 11.6

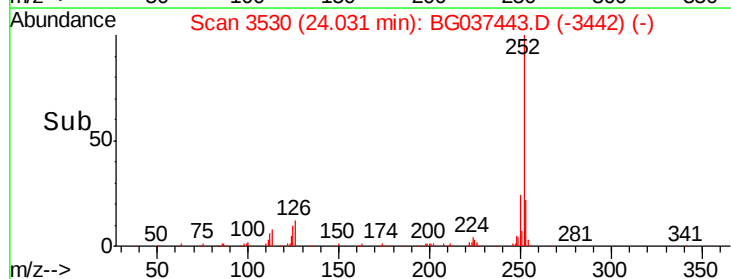
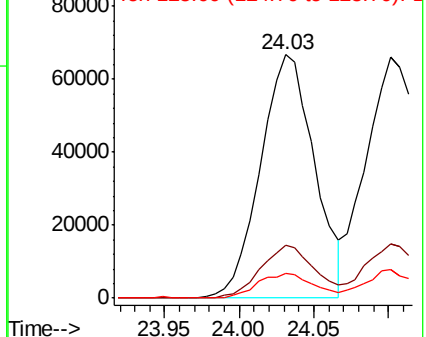


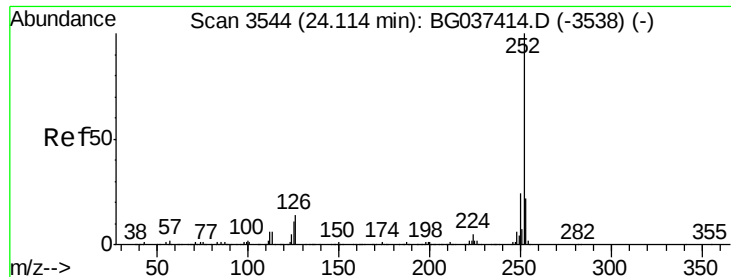
Abundance

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: 8.722 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.08 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

Instrument :

BNA_G

ClientSampleId :

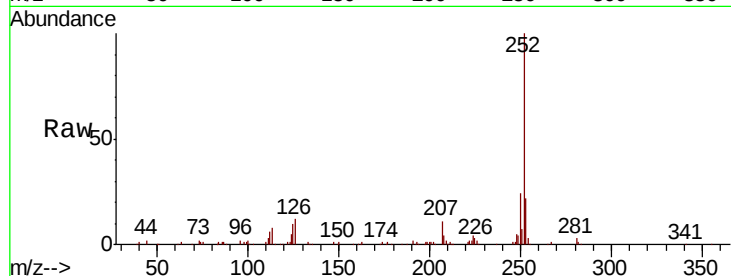
Tot Ion:252 Resp: 167824

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

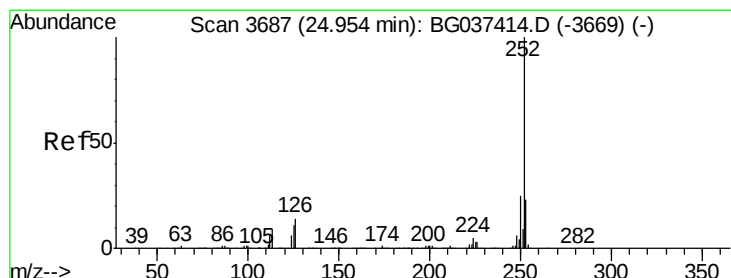
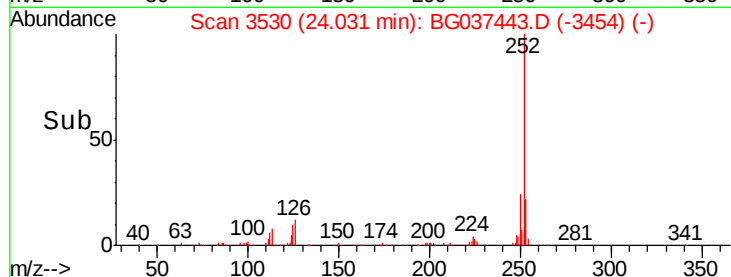
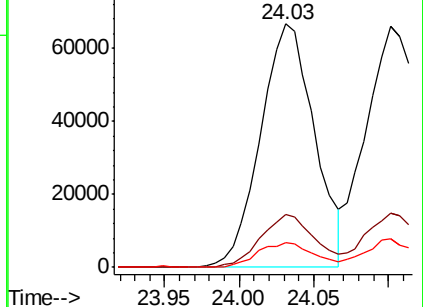
125 10.0 7.4 11.0



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: 8.564 ng

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG037443.D

Acq: 19 Oct 2018 7:06

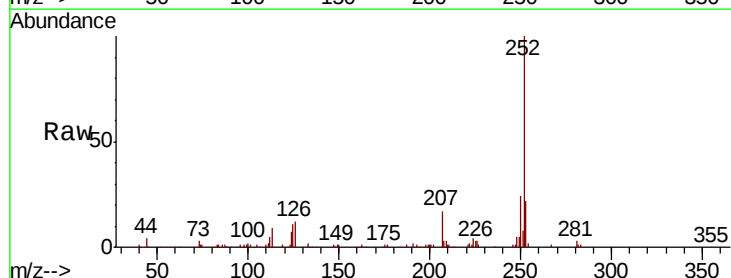
Tgt Ion:252 Resp: 159814

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

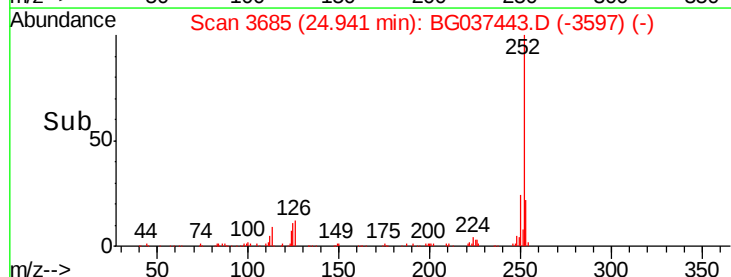
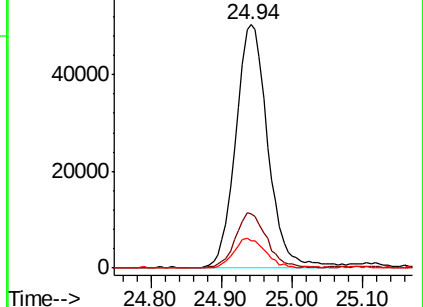
125 11.1 9.0 13.6

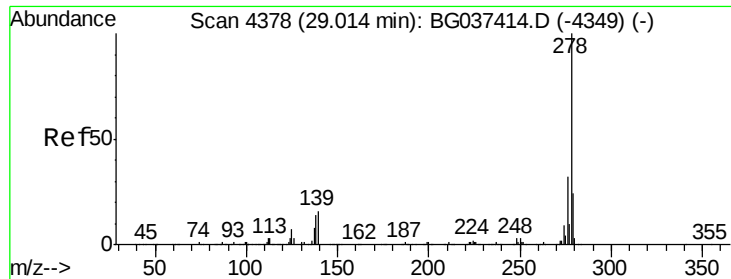


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

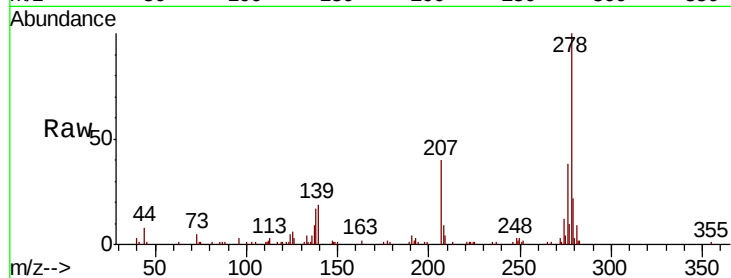




#91
Dibenzo(a,h)anthracene
Concen: 7.440 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	11.5	17.3#
279	22.5	18.6	27.8

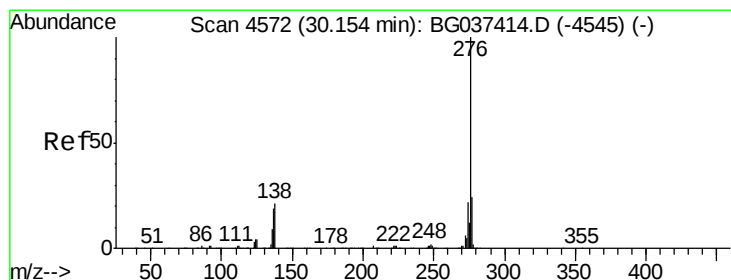
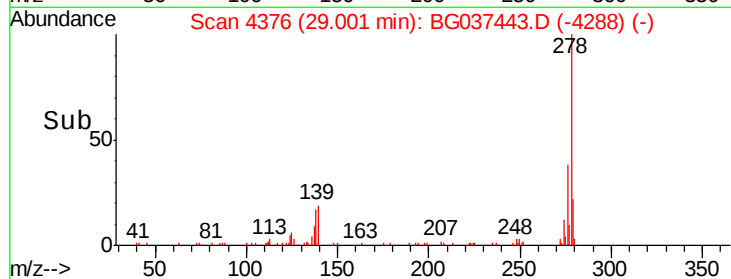
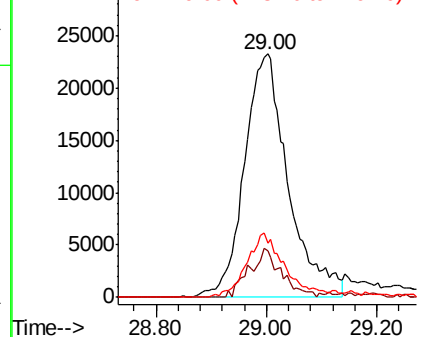


Abundance

Ion 278.00 (277.70 to 278.70): E

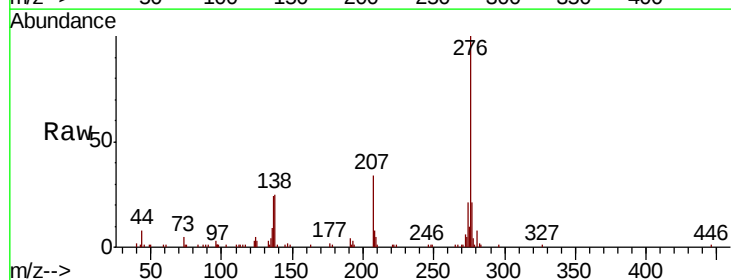
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.745 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037443.D
Acq: 19 Oct 2018 7:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.9	28.3
138	24.7	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

