

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037701.D
 Acq On : 1 Nov 2018 3:27
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 01 04:02:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52864	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	243702	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	158577	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	378526	20.00	ng	0.00
76) Chrysene-d12	21.77	240	339581	20.00	ng	0.00
87) Perylene-d12	25.10	264	354225	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	260926	82.52	ng	0.00
7) Phenol-d6	7.24	99	395653	82.75	ng	0.00
23) Nitrobenzene-d5	9.28	82	368096	84.61	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	146514	84.71	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	853354	81.15	ng	0.00
79) Terphenyl-d14	20.08	244	1299246	81.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	65368	40.765	ng	96
3) Pyridine	3.93	79	166052	41.085	ng	92
4) n-Nitrosodimethylamine	3.85	42	59825	41.558	ng	# 93
6) Aniline	7.42	93	238630	40.911	ng	96
8) 2-Chlorophenol	7.66	128	149908	40.526	ng	97
9) Benzaldehyde	7.24	77	111766	37.368	ng	97
10) Phenol	7.27	94	206656	40.964	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	156918	40.954	ng	96
12) 1,3-Dichlorobenzene	7.99	146	165051	40.080	ng	98
13) 1,4-Dichlorobenzene	8.14	146	167581	39.783	ng	98
14) 1,2-Dichlorobenzene	8.45	146	158837	39.199	ng	98
15) Benzyl Alcohol	8.34	79	142412	40.310	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	281491	41.059	ng	97
17) 2-Methylphenol	8.53	107	136897	41.046	ng	99
18) Hexachloroethane	9.18	117	58857	40.984	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	131417	39.914	ng	92
20) 3+4-Methylphenols	8.86	107	195021	40.898	ng	99
22) Acetophenone	8.93	105	240952	39.423	ng	98
24) Nitrobenzene	9.32	77	186490	41.265	ng	96
25) Isophorone	9.83	82	321522	40.449	ng	97
26) 2-Nitrophenol	10.03	139	92876	45.618	ng	98
27) 2,4-Dimethylphenol	10.07	122	145995	40.162	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	210856	40.488	ng	97
29) 2,4-Dichlorophenol	10.56	162	168182	41.553	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	178330	40.517	ng	98
31) Naphthalene	10.97	128	484084	40.441	ng	99
32) Benzoic acid	10.19	122	107896	45.698	ng	94
33) 4-Chloroaniline	11.09	127	233888	41.586	ng	98
34) Hexachlorobutadiene	11.24	225	102874	39.436	ng	98
35) Caprolactam	11.87	113	67981	41.880	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	191501	41.954	ng	97
37) 2-Methylnaphthalene	12.57	142	350083	40.121	ng	100
38) 1-Methylnaphthalene	12.79	142	341015	40.243	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	207191	40.507	ng	99

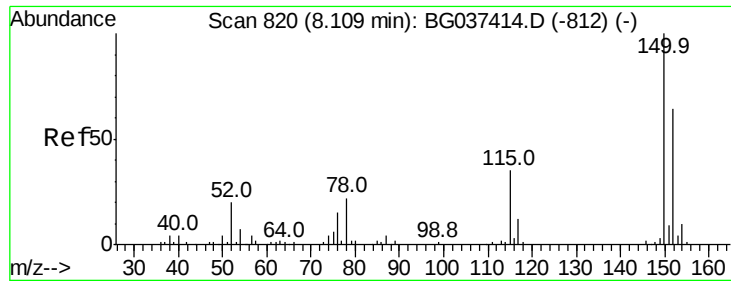
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
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 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	96743	39.595	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	145299	42.520	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	156326	42.017	nq	95
46) 1,1'-Biphenyl	13.57	154	532691	40.562	nq	100
47) 2-Chloronaphthalene	13.62	162	407222	40.986	nq	99
48) 2-Nitroaniline	13.82	65	132394	43.941	nq	98
49) Acenaphthylene	14.46	152	614760	41.132	nq	100
50) Dimethylphthalate	14.18	163	505899	41.238	nq	99
51) 2,6-Dinitrotoluene	14.32	165	116644	42.980	nq	93
52) Acenaphthene	14.80	154	370970	40.302	nq	99
53) 3-Nitroaniline	14.65	138	130006	43.151	nq	# 99
54) 2,4-Dinitrophenol	14.85	184	25721	35.249	nq	95
55) Dibenzofuran	15.13	168	611089	40.070	nq	99
56) 4-Nitrophenol	14.93	139	88474	39.673	nq	95
57) 2,4-Dinitrotoluene	15.10	165	161946	45.459	nq	95
58) Fluorene	15.78	166	466830	40.877	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	131633	41.322	nq	99
60) Diethylphthalate	15.54	149	522700	41.501	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	276019	41.466	nq	95
62) 4-Nitroaniline	15.81	138	128649	42.973	nq	96
63) Azobenzene	16.06	77	493082	41.032	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	71609	38.169	nq	97
66) n-Nitrosodiphenylamine	15.99	169	461015	40.489	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	166884	40.147	nq	96
68) Hexachlorobenzene	16.77	284	171197	39.738	nq	98
69) Atrazine	16.93	200	163019	39.600	nq	98
70) Pentachlorophenol	17.12	266	108810	37.706	nq	96
71) Phenanthrene	17.52	178	773906	40.228	nq	100
72) Anthracene	17.61	178	768270	40.694	nq	98
73) Carbazole	17.89	167	776592	41.122	nq	99
74) Di-n-butylphthalate	18.42	149	890413	42.385	nq	99
75) Fluoranthene	19.53	202	884802	40.551	nq	99
77) Benzidine	19.71	184	392558	33.998	nq	99
78) Pyrene	19.89	202	902668	40.663	nq	100
80) Butylbenzylphthalate	20.76	149	400129	44.042	nq	97
81) Benzo(a)anthracene	21.74	228	825743	41.111	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	315447	40.518	nq	98
83) Chrysene	21.81	228	797377	41.285	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	565527	44.408	nq	98
85) Di-n-octyl phthalate	22.86	149	929535	44.762	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	696849	33.639	nq	98
88) Benzo(b)fluoranthene	24.03	252	769112	39.604	nq	99
89) Benzo(k)fluoranthene	24.11	252	817026	42.942	nq	99
90) Benzo(a)pyrene	24.94	252	743959	40.315	nq	99
91) Dibenzo(a,h)anthracene	28.99	278	538894	31.659	nq	# 97
92) Benzo(g,h,i)perylene	30.12	276	551782	32.041	nq	95

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

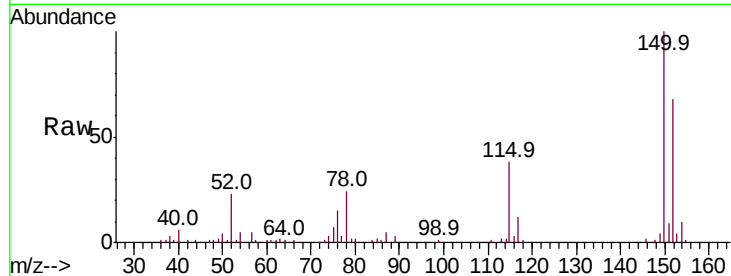


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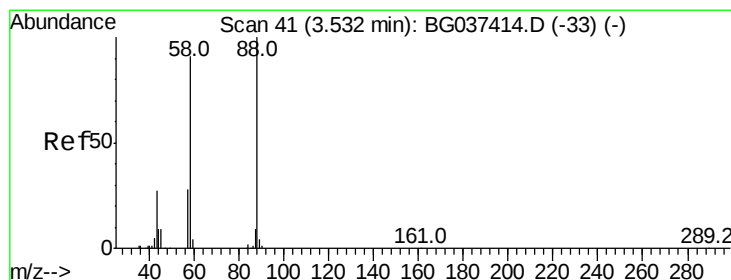
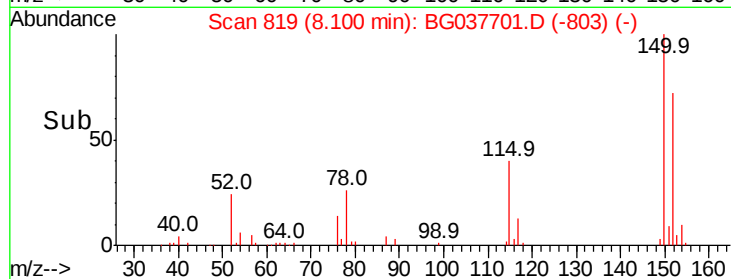
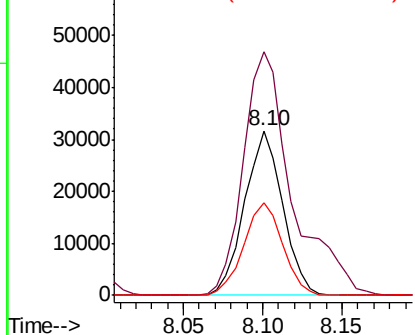
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 52864
Ion Ratio Lower Upper
152 100
150 147.9 126.0 189.0
115 56.0 45.5 68.3



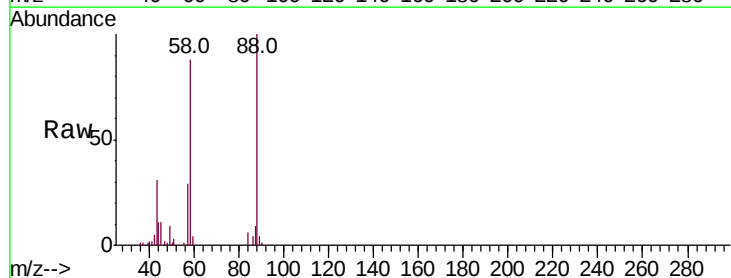
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



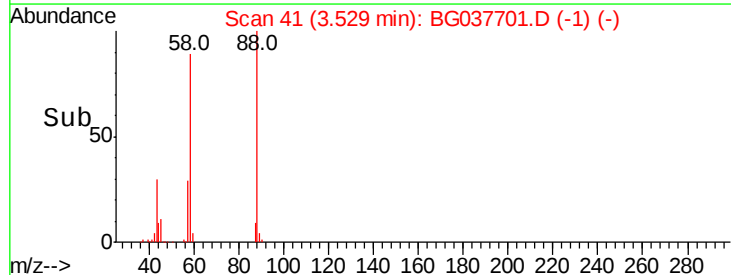
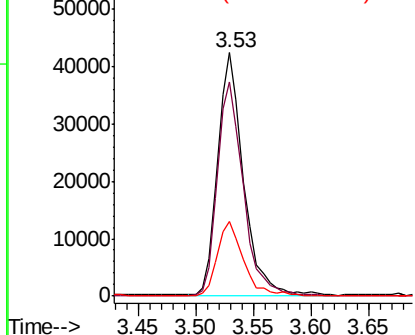
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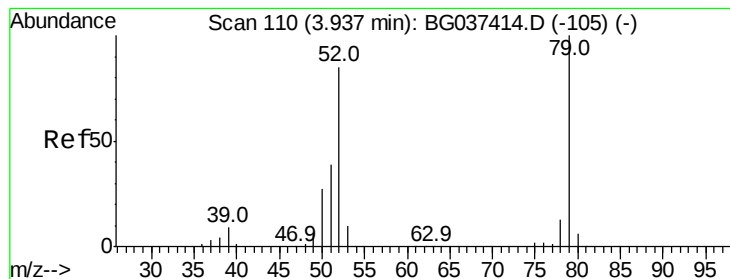
1,4-Dioxane
Concen: 40.765 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion: 88 Resp: 65368
Ion Ratio Lower Upper
88 100
58 89.1 74.4 111.6
43 31.2 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: 41.085 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

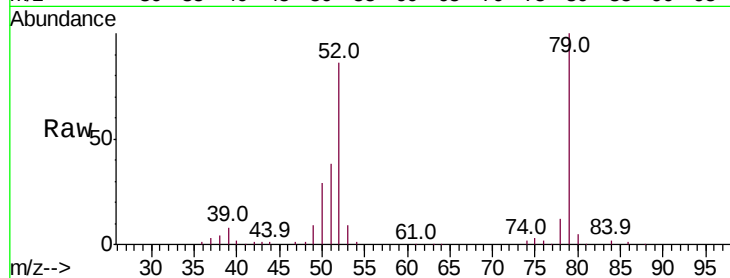
Tot Ion: 79 Resp: 166052

Ion Ratio Lower Upper

79 100

52 85.7 74.2 111.2

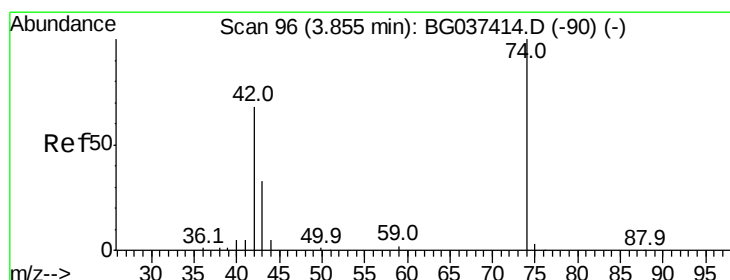
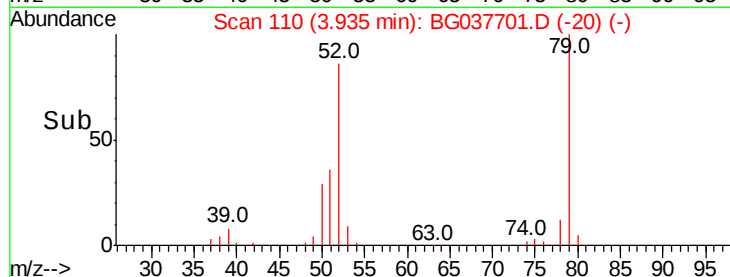
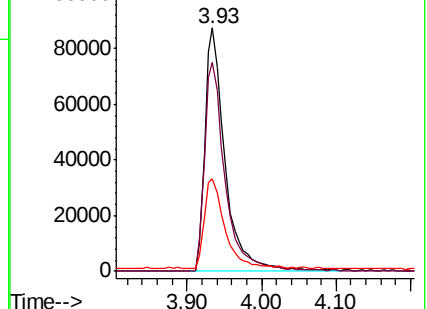
51 37.8 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.558 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

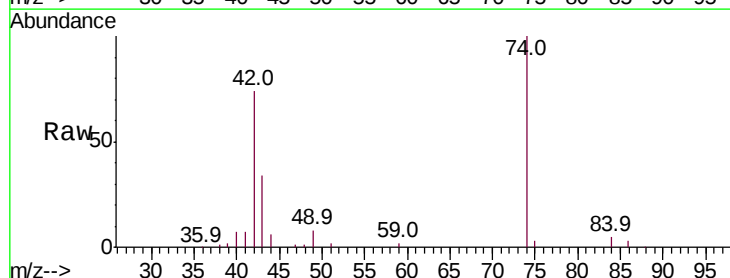
Tgt Ion: 42 Resp: 59825

Ion Ratio Lower Upper

42 100

74 135.7 102.0 153.0

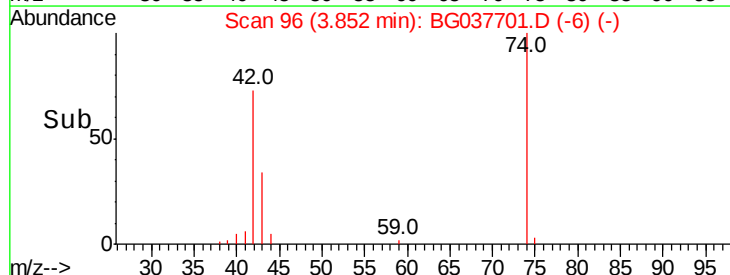
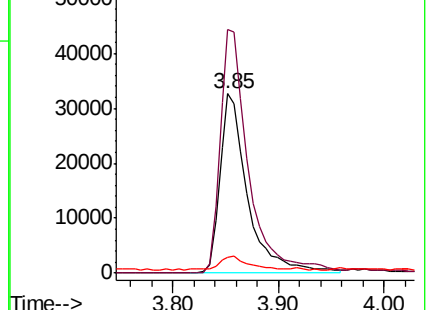
44 8.7 9.6 14.4#

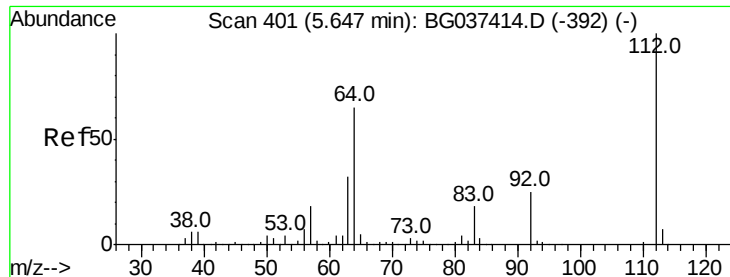


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.519 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

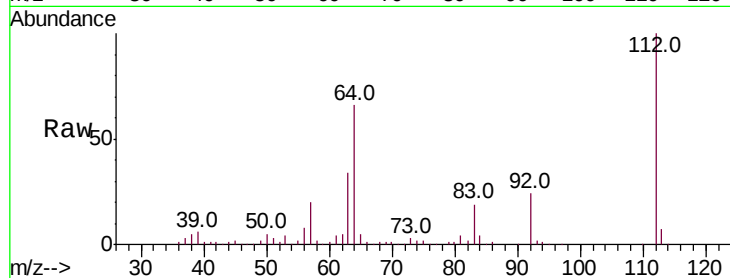
Tot Ion:112 Resp: 260926

Ion Ratio Lower Upper

112 100

64 66.0 53.1 79.7

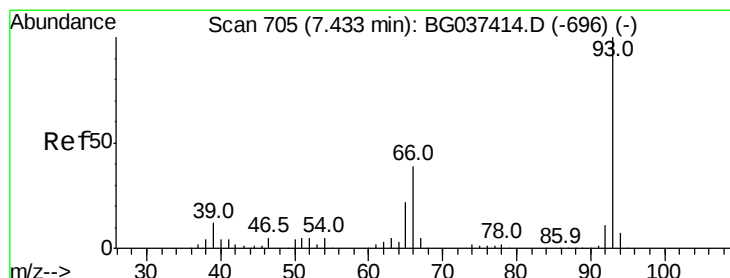
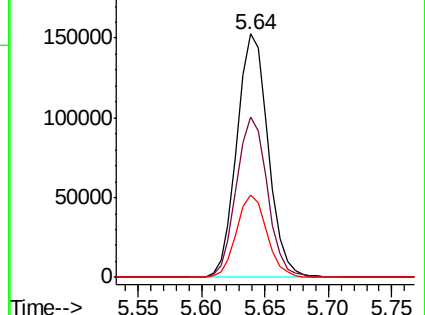
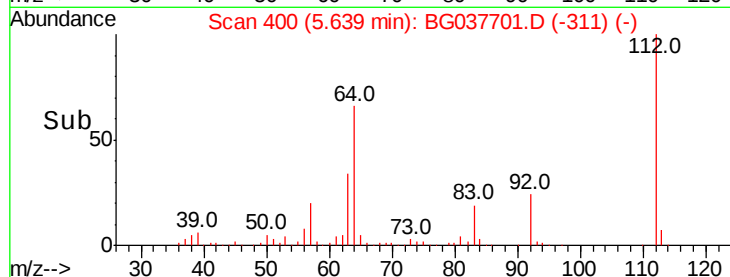
63 33.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.911 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

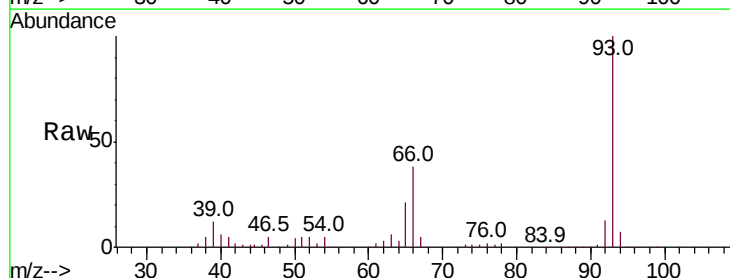
Tgt Ion: 93 Resp: 238630

Ion Ratio Lower Upper

93 100

66 38.2 32.8 49.2

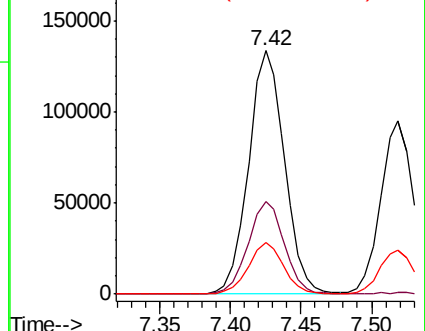
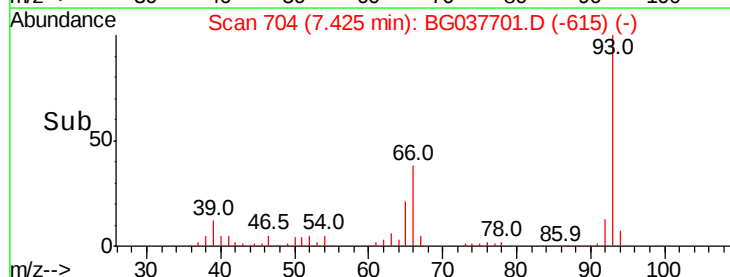
65 21.3 16.4 24.6

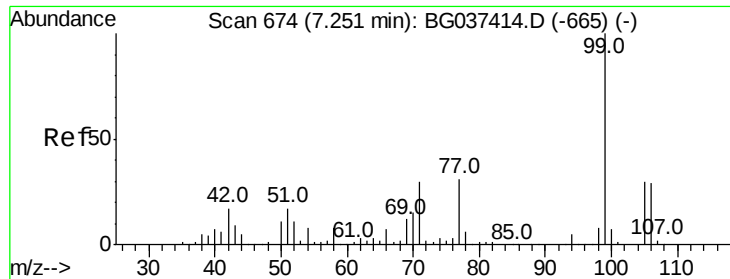


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.749 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

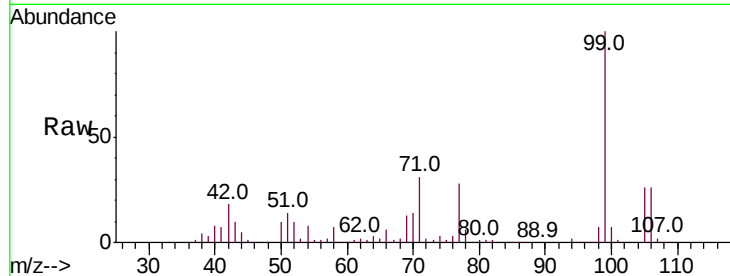
Tot Ion: 99 Resp: 395653

Ion Ratio Lower Upper

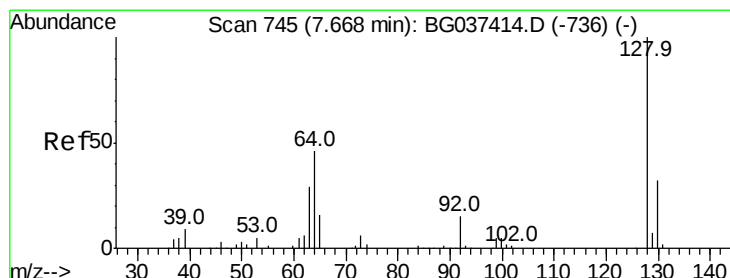
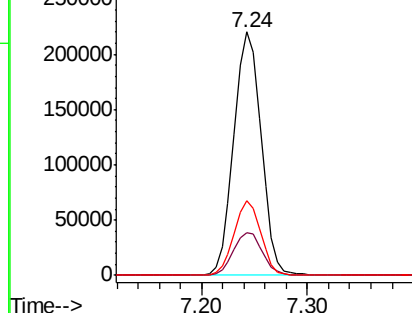
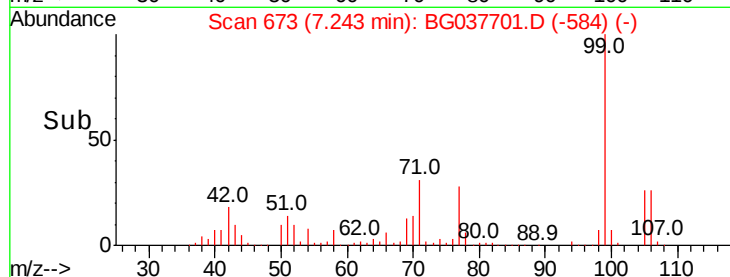
99 100

42 17.7 15.0 22.4

71 30.8 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: 40.526 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

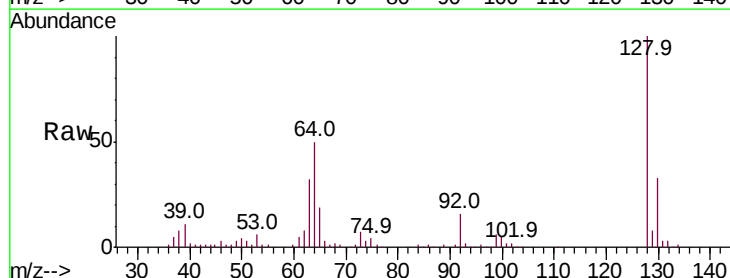
Tgt Ion: 128 Resp: 149908

Ion Ratio Lower Upper

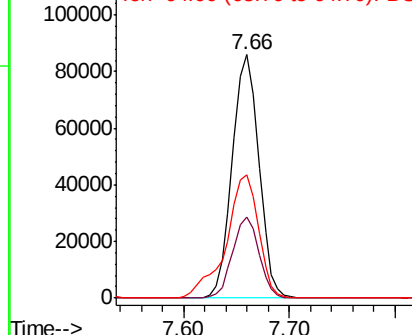
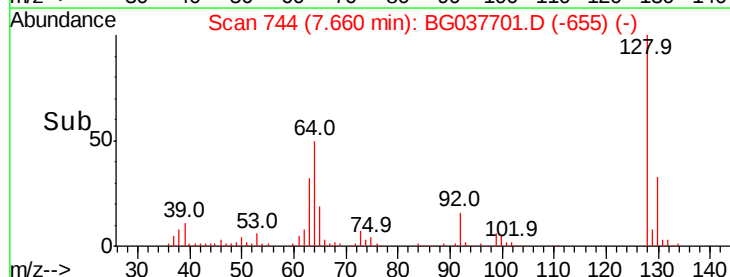
128 100

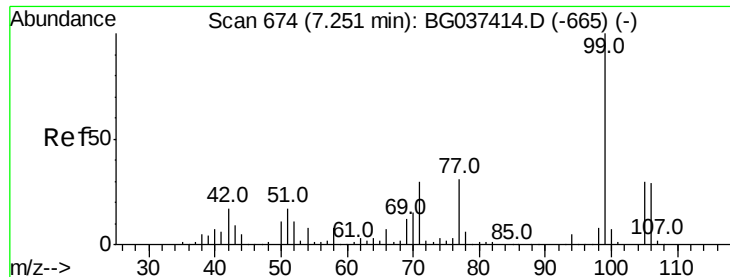
130 33.5 12.0 52.0

64 50.4 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: 37.368 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

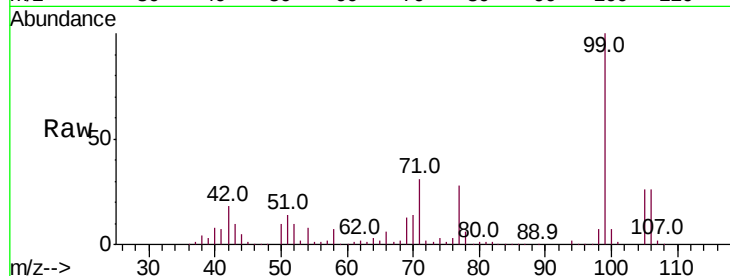
Tot Ion: 77 Resp: 111766

Ion Ratio Lower Upper

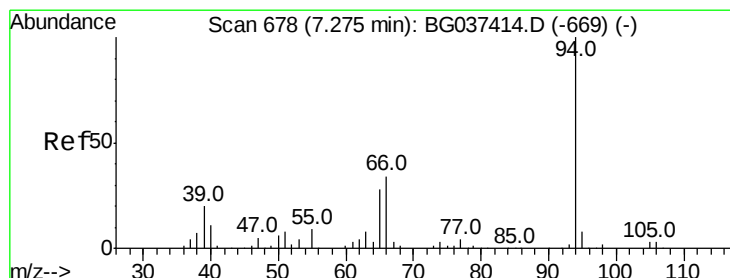
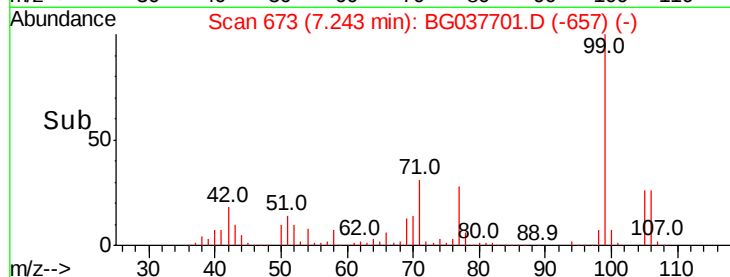
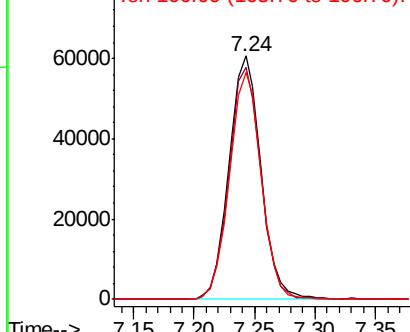
77 100

105 95.4 72.6 112.6

106 93.5 71.3 111.3



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



#10

Phenol

Concen: 40.964 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

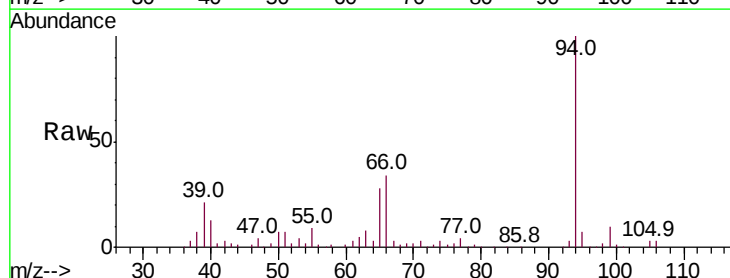
Tgt Ion: 94 Resp: 206656

Ion Ratio Lower Upper

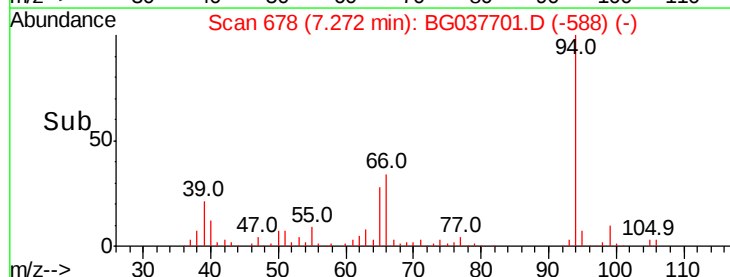
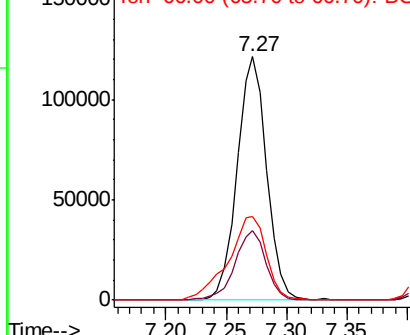
94 100

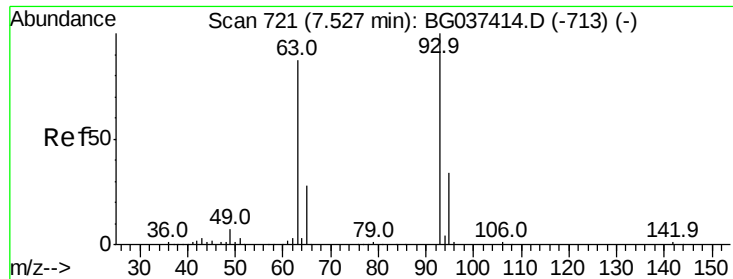
65 28.4 9.7 49.7

66 34.3 15.9 55.9



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

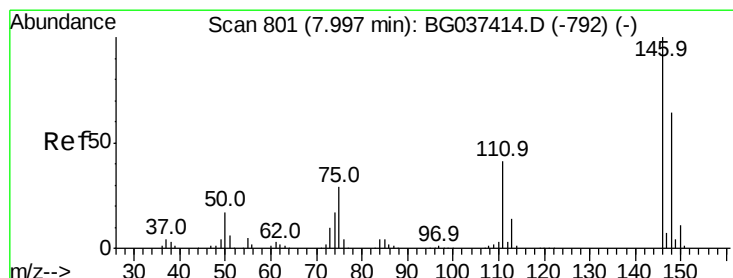
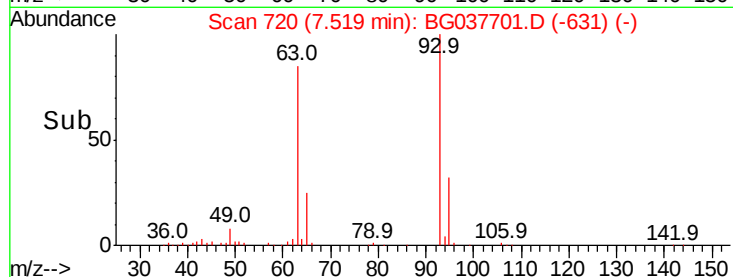
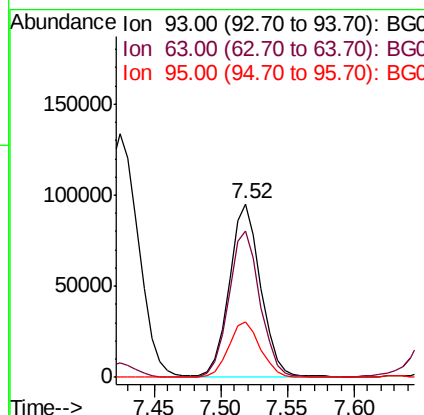
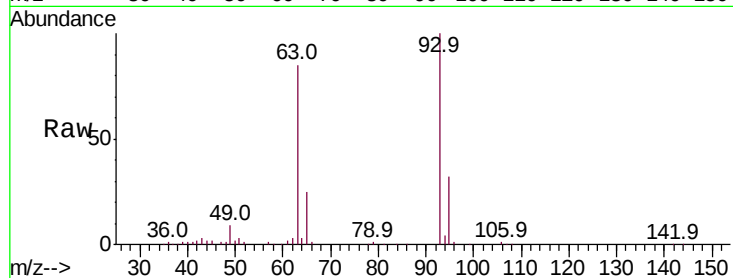




#11
 bis(2-Chloroethyl)ether
 Concen: 40.954 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

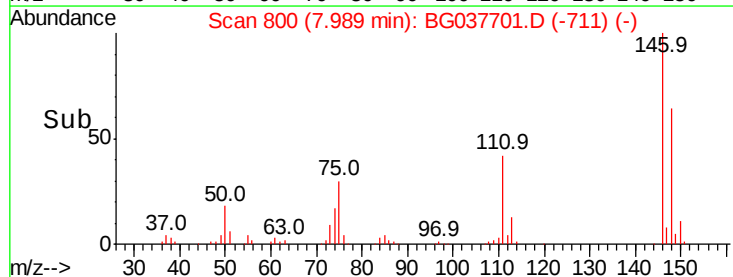
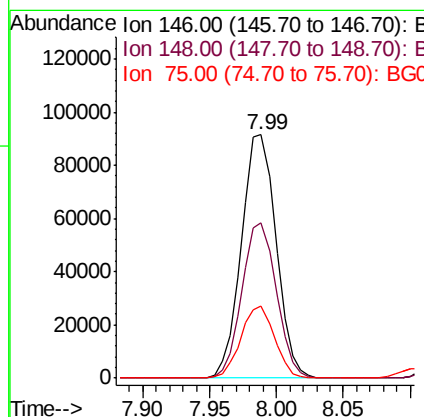
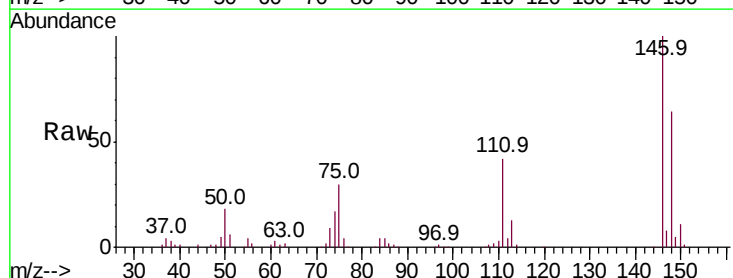
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

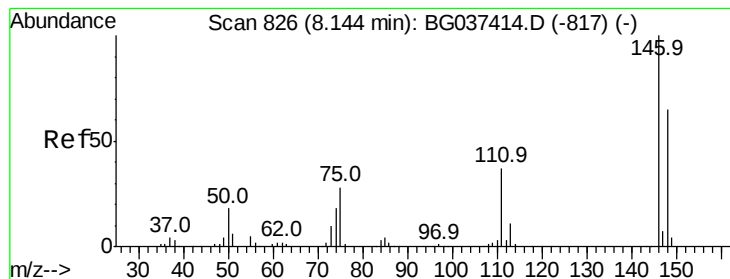
Tot Ion: 93 Resp: 156918
 Ion Ratio Lower Upper
 93 100
 63 84.5 69.5 109.5
 95 31.9 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.080 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion: 146 Resp: 165051
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.8 74.8
 75 29.8 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 39.783 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

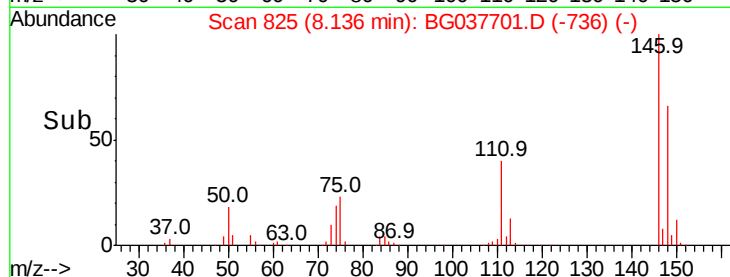
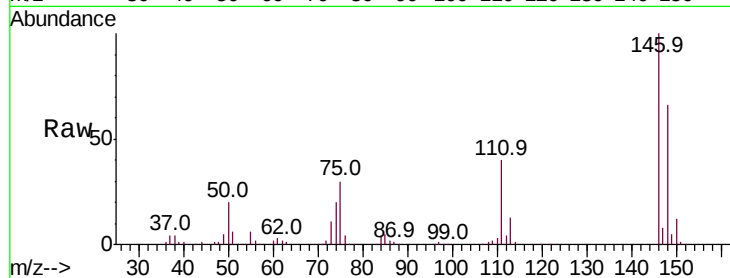
Tot Ion:146 Resp: 167581

Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.6

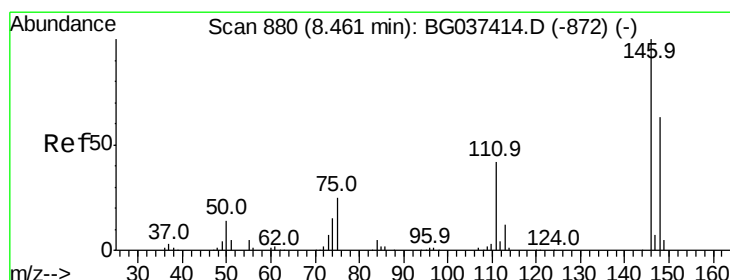
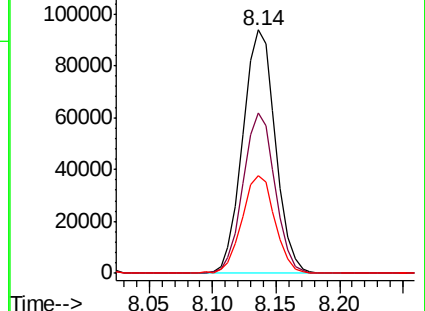
111 39.9 32.4 48.6



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: 39.199 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

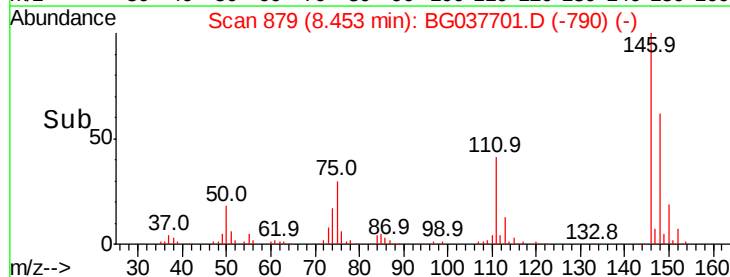
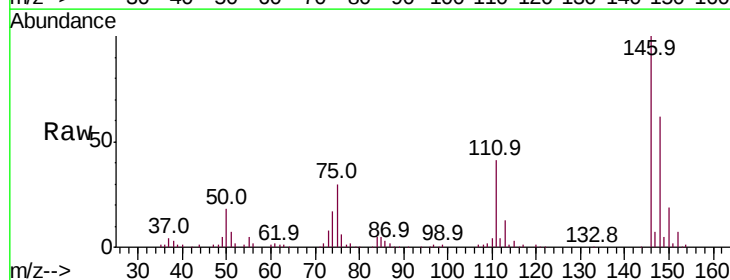
Tgt Ion:146 Resp: 158837

Ion Ratio Lower Upper

146 100

148 61.5 50.4 75.6

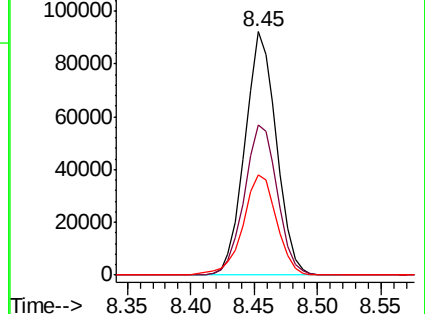
111 41.3 34.6 51.8

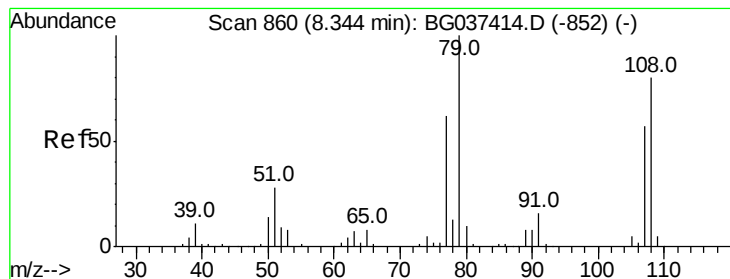


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.310 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

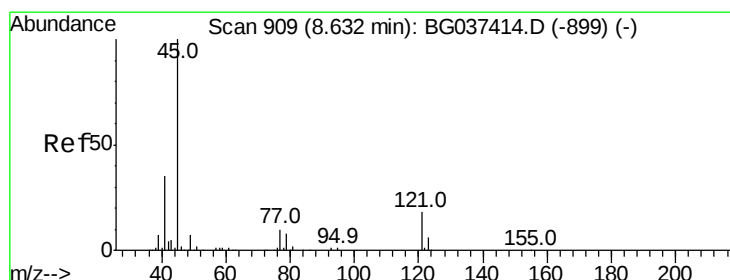
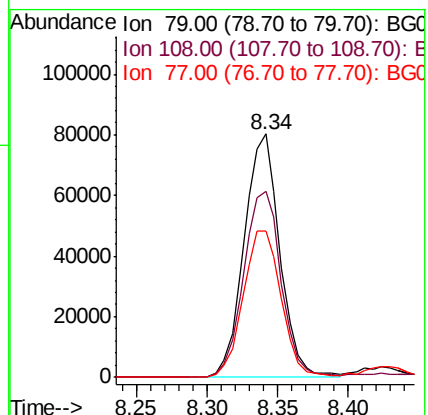
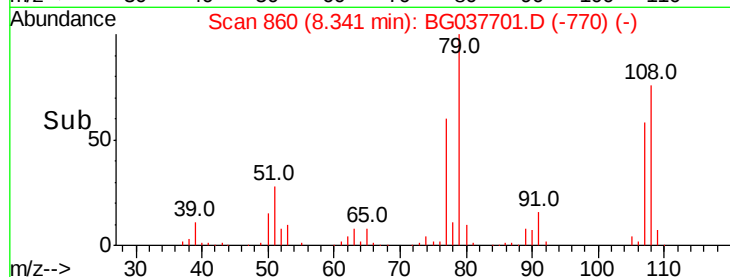
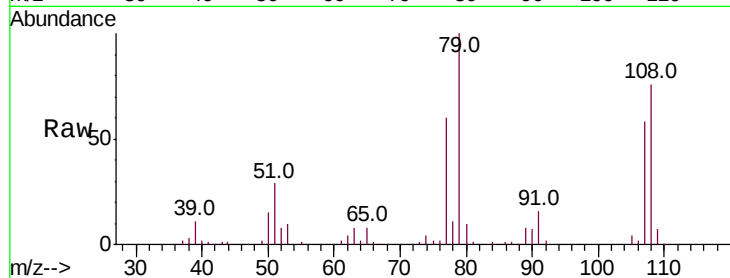
Tot Ion: 79 Resp: 142412

Ion Ratio Lower Upper

79 100

108 76.3 65.8 98.8

77 60.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.059 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

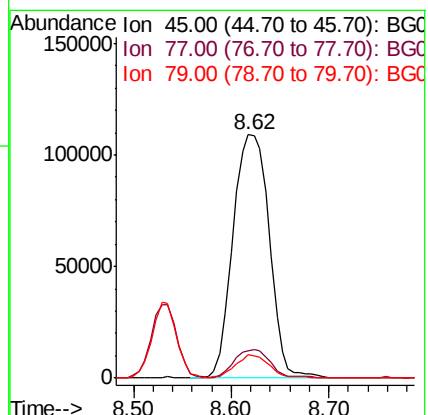
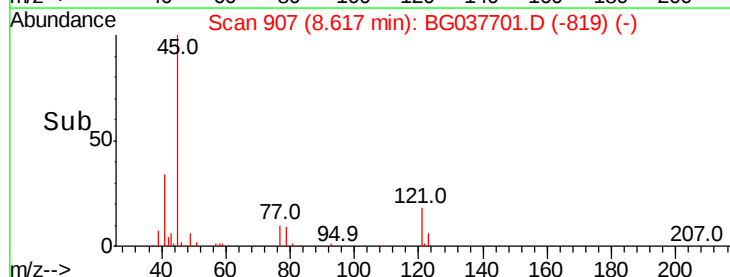
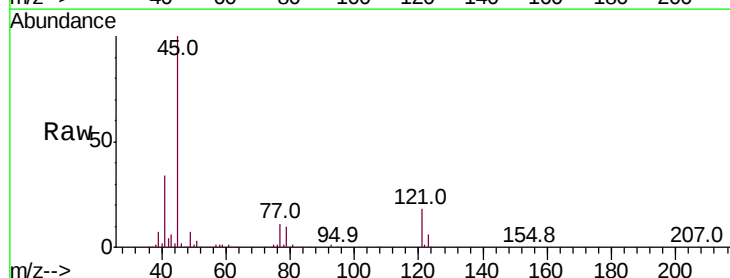
Tgt Ion: 45 Resp: 281491

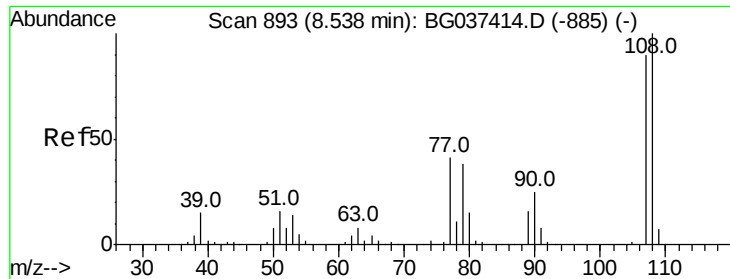
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 9.6 0.0 29.0

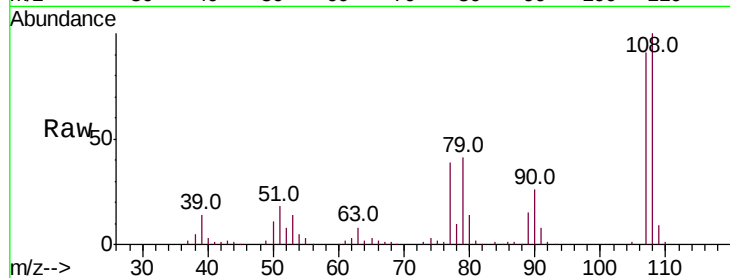




#17
2-Methylphenol
Concen: 41.046 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.9	131.9
77	43.4	35.1	52.7
79	45.1	34.5	51.7



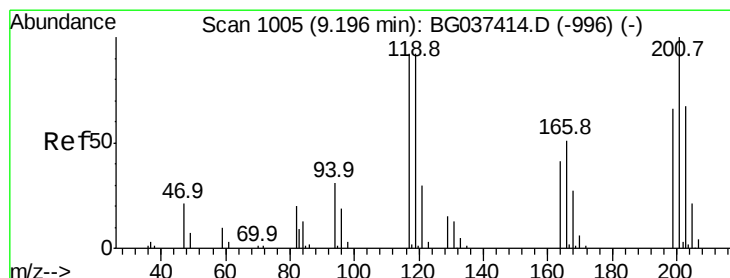
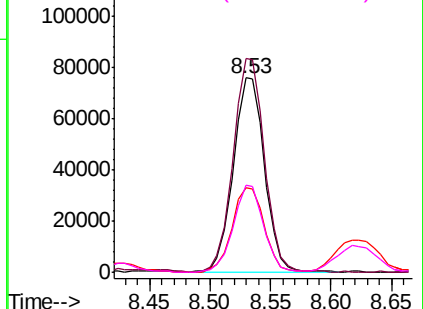
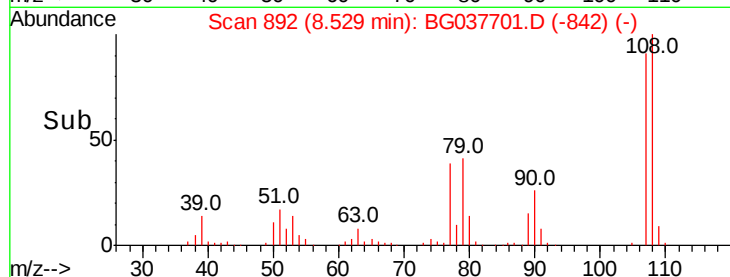
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

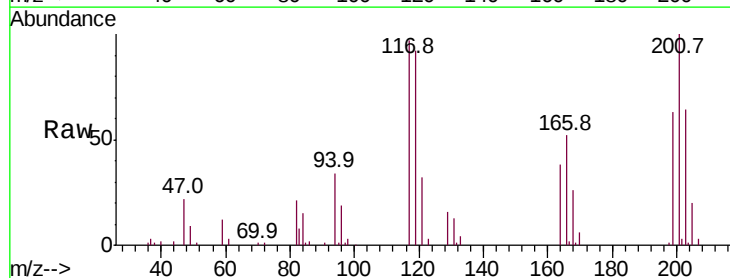
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.984 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.6	111.8
201	105.5	80.8	121.2

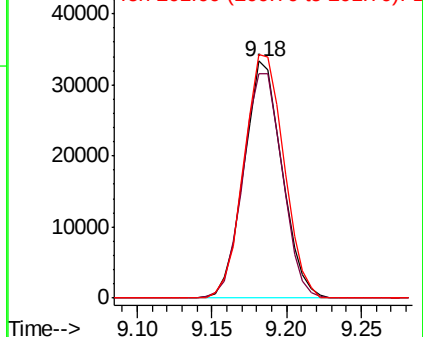
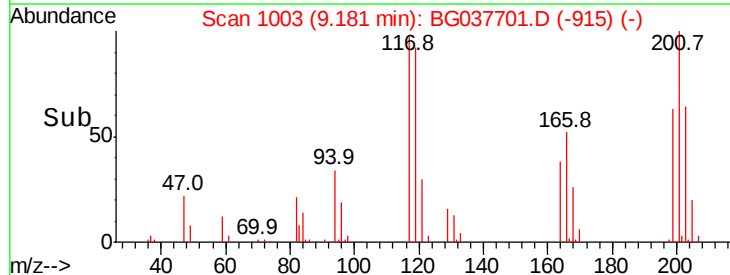


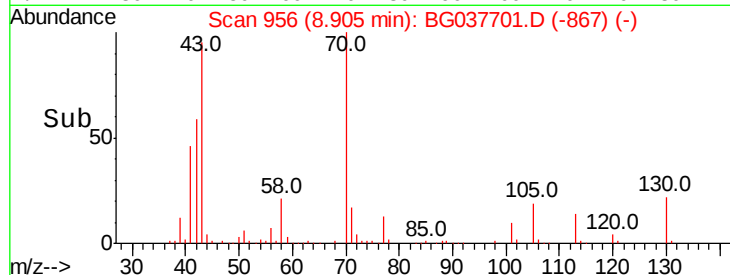
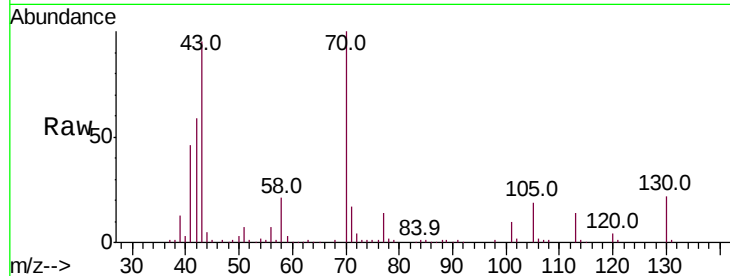
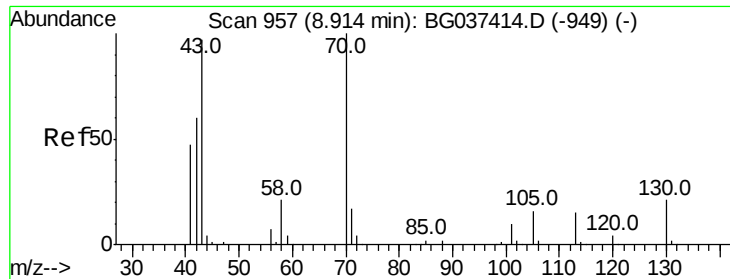
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

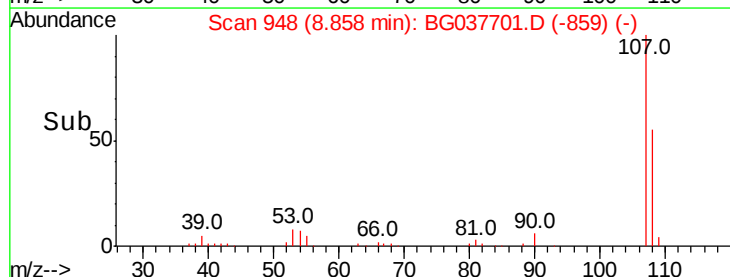
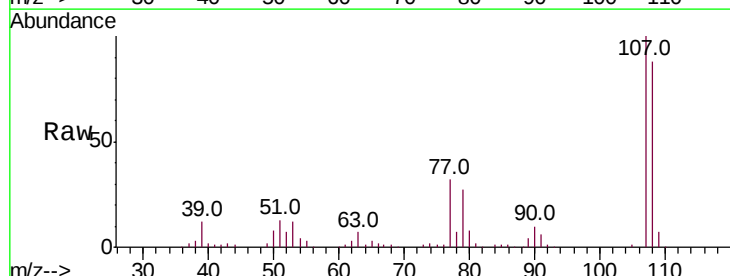
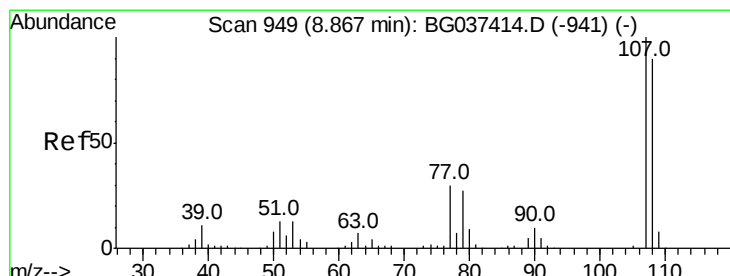
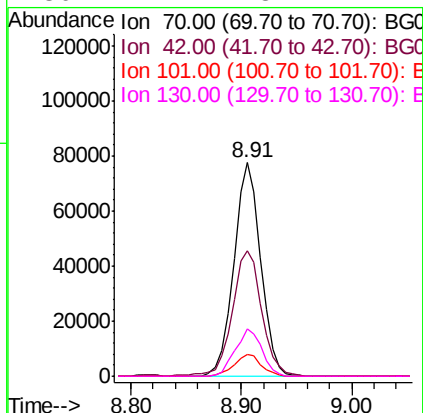




#19
n-Nitroso-di-n-propylamine
Concen: 39.914 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

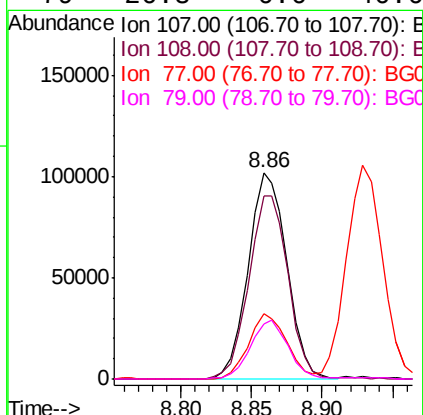
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

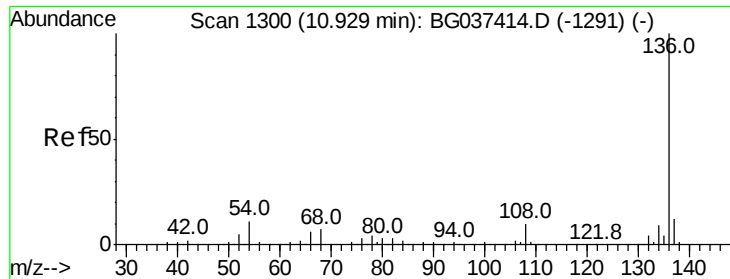
Tot Ion:	70	Resp:	131417
Ion	Ratio	Lower	Upper
70	100		
42	58.5	53.9	80.9
101	10.2	8.2	12.2
130	22.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.898 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:	107	Resp:	195021
Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	31.6	11.2	51.2
79	26.8	6.6	46.6

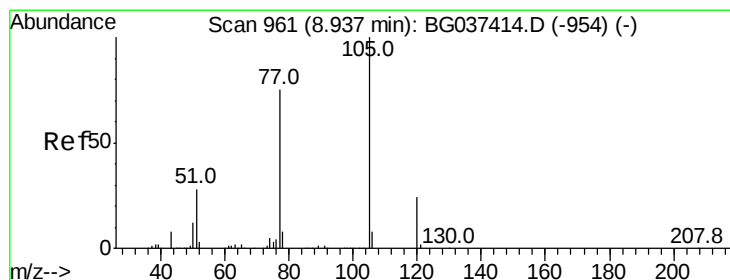
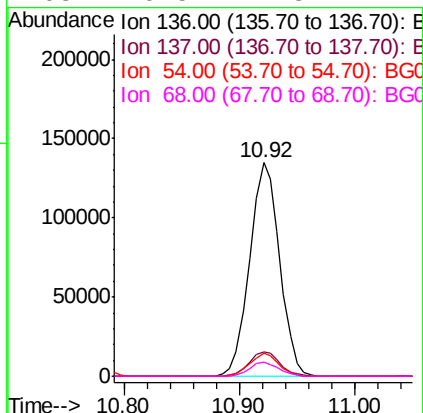
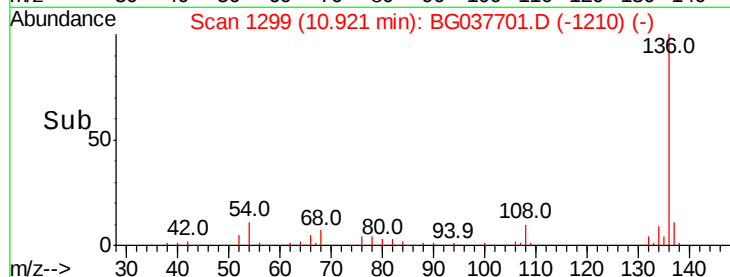
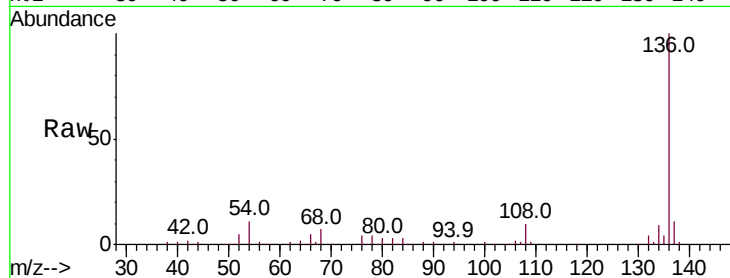




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

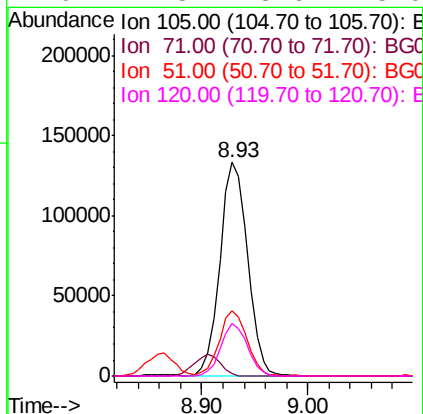
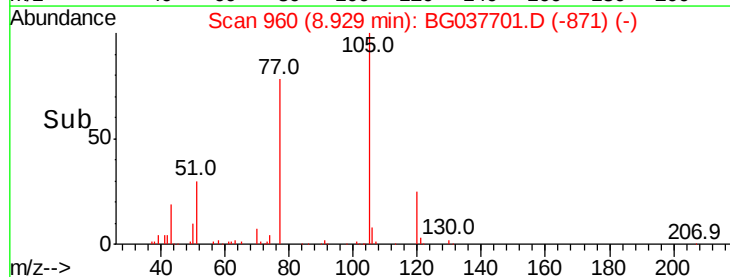
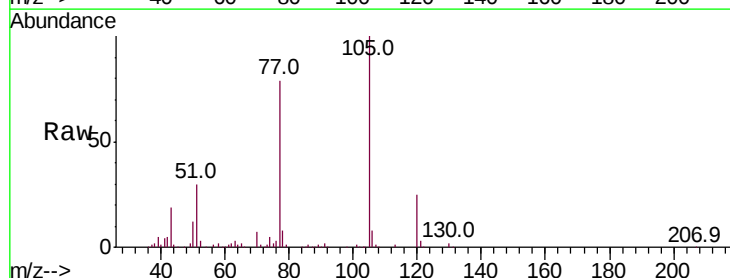
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

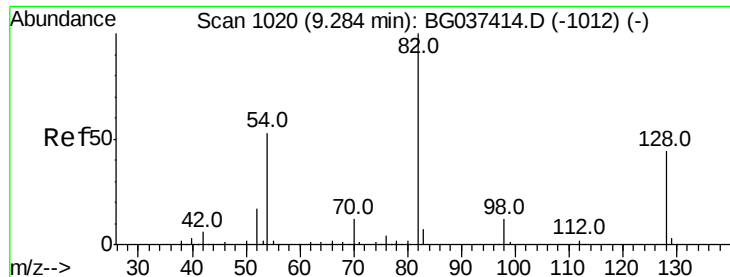
Tot Ion:	136	Resp:	243702
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.5	7.9	11.9
68	6.5	4.8	7.2



#22
Acetophenone
Concen: 39.423 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:	105	Resp:	240952
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.2	1.8
51	30.4	25.0	37.6
120	24.8	18.6	28.0

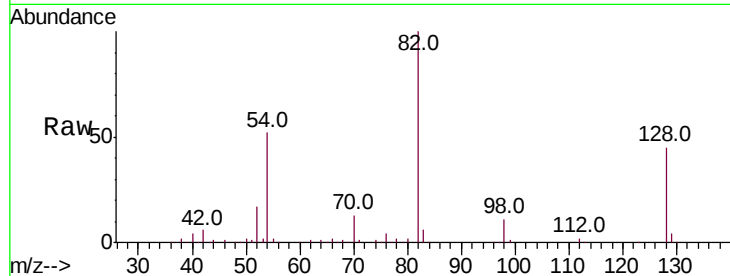




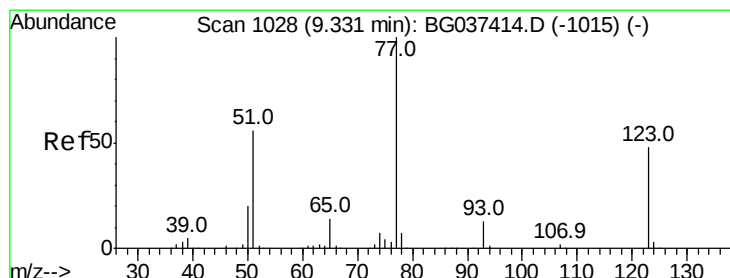
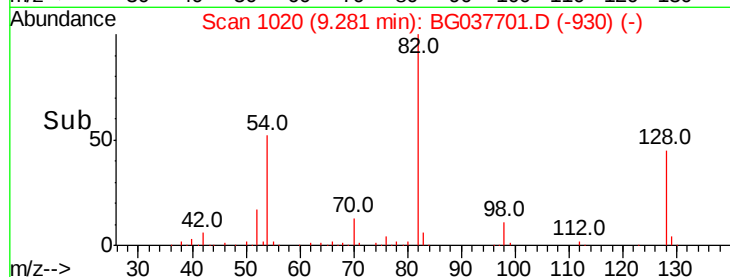
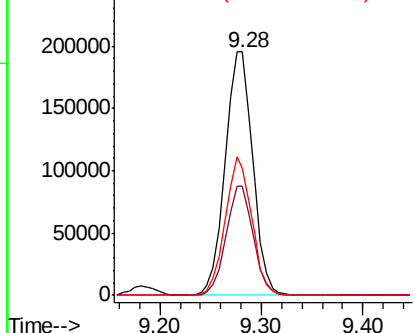
#23
 Nitrobenzene-d5
 Concen: 84.613 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	368096
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	52.0	45.3	67.9

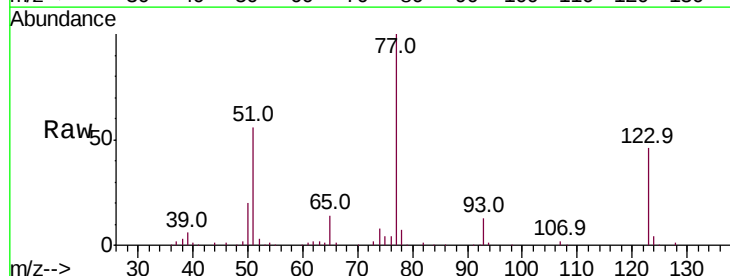


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

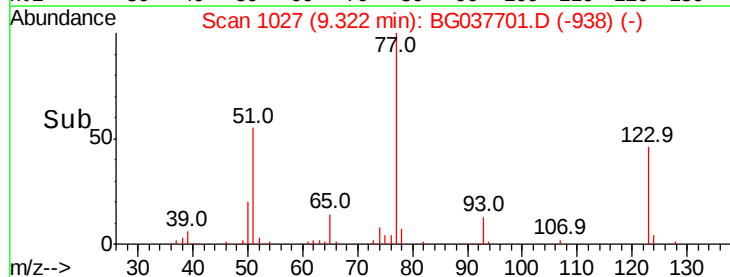
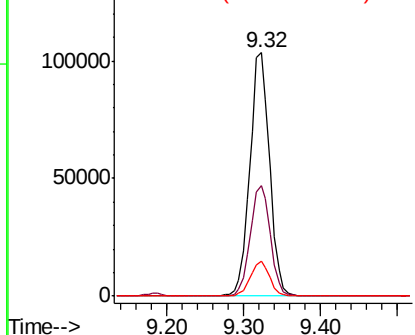


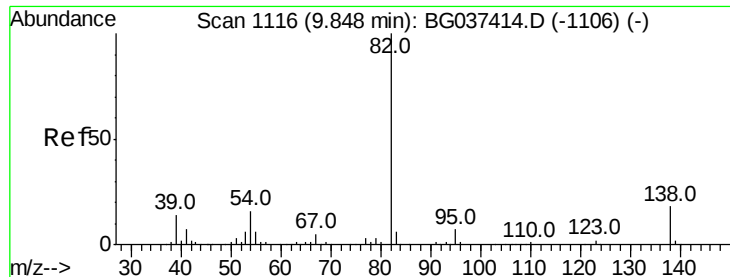
#24
 Nitrobenzene
 Concen: 41.265 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion	77	Resp	186490
Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.6	50.4
65	14.3	11.3	16.9



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





#25

Isophorone

Concen: 40.449 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

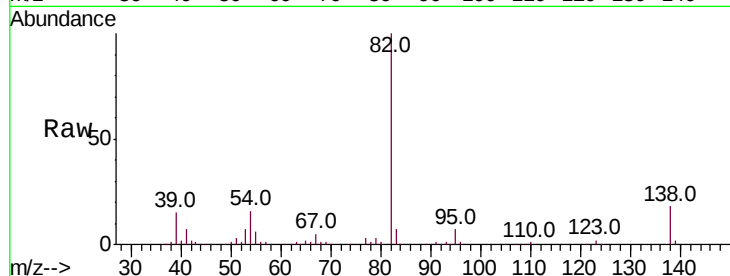
Tot Ion: 82 Resp: 321522

Ion Ratio Lower Upper

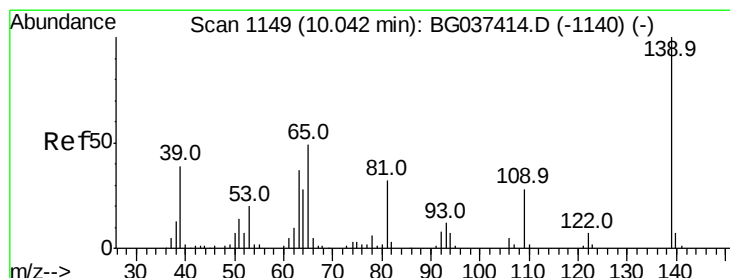
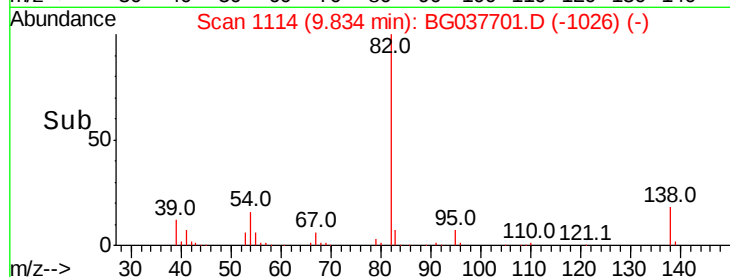
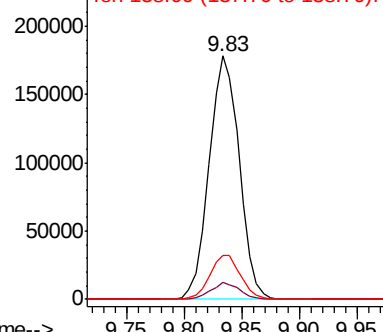
82 100

95 6.9 5.3 7.9

138 18.3 13.3 19.9



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



#26

2-Nitrophenol

Concen: 45.618 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

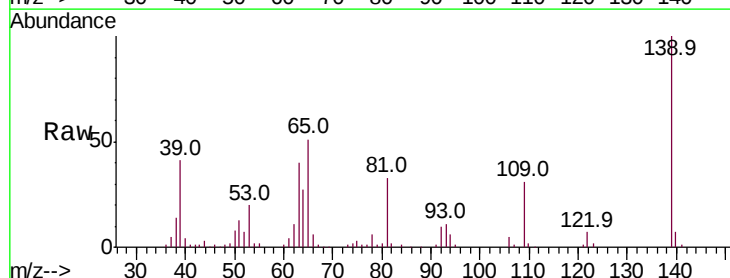
Tgt Ion: 139 Resp: 92876

Ion Ratio Lower Upper

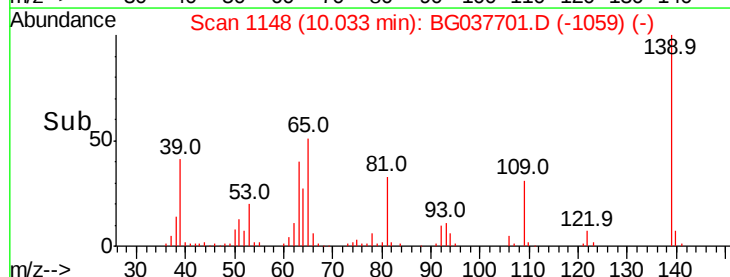
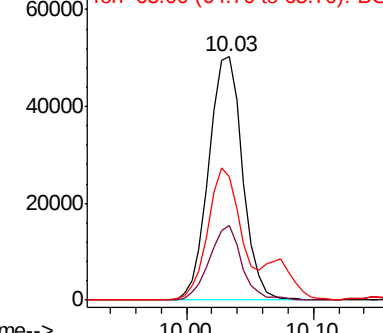
139 100

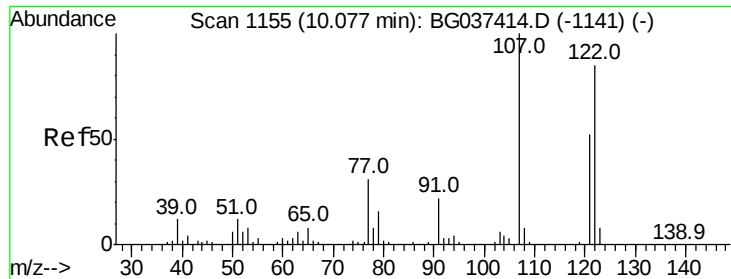
109 30.9 23.3 34.9

65 50.7 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

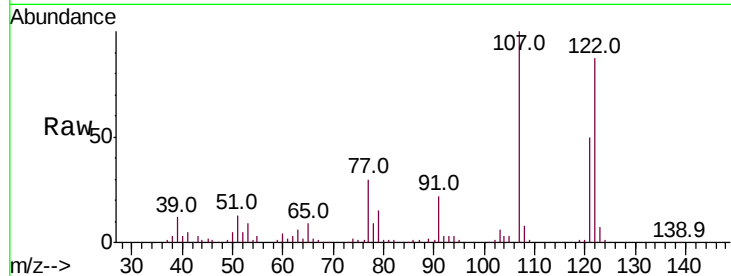




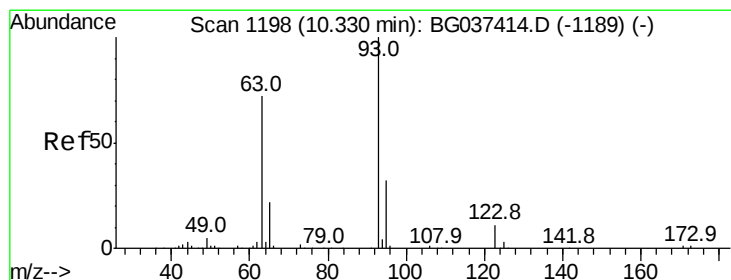
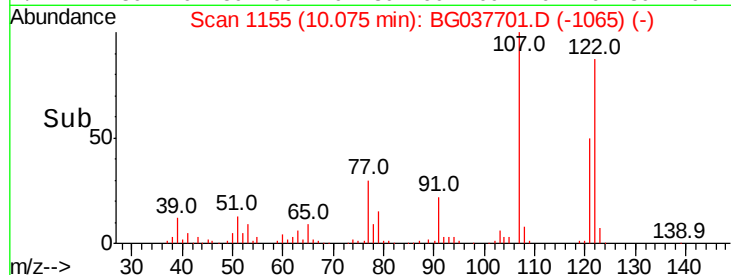
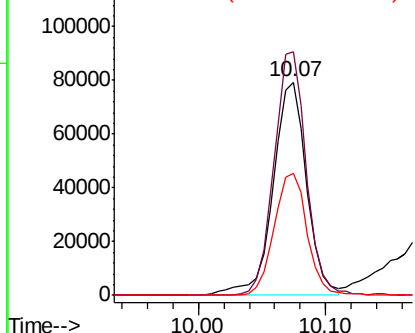
#27
 2,4-Dimethylphenol
 Concen: 40.162 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 145995
 Ion Ratio Lower Upper
 122 100
 107 114.3 94.2 141.2
 121 57.2 47.3 70.9

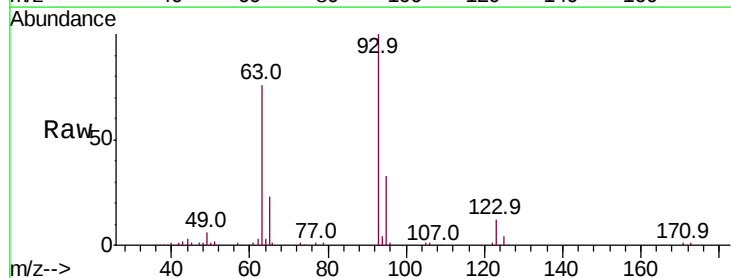


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

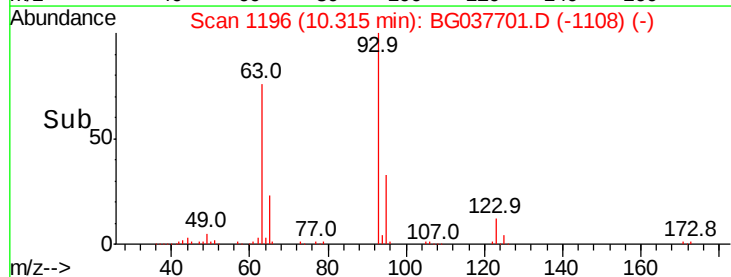
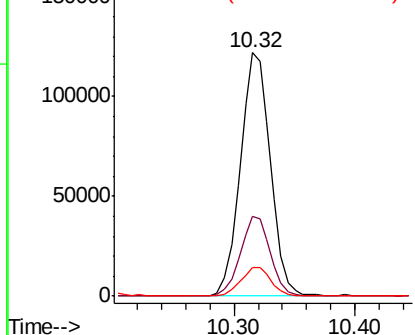


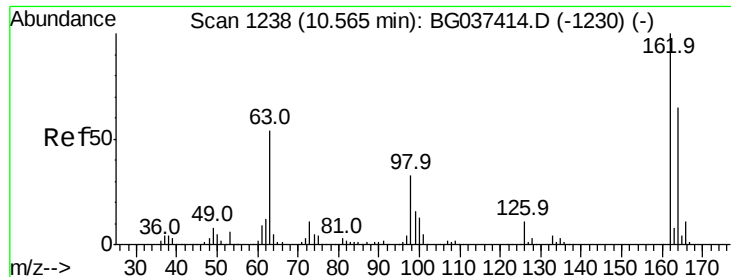
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.488 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion: 93 Resp: 210856
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.6 37.0
 123 11.5 9.1 13.7



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

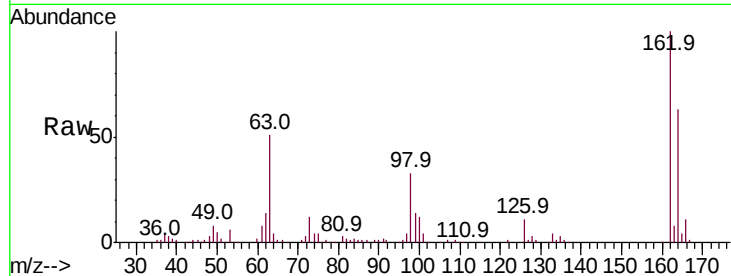




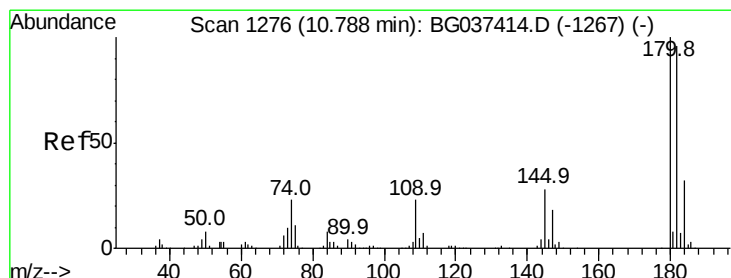
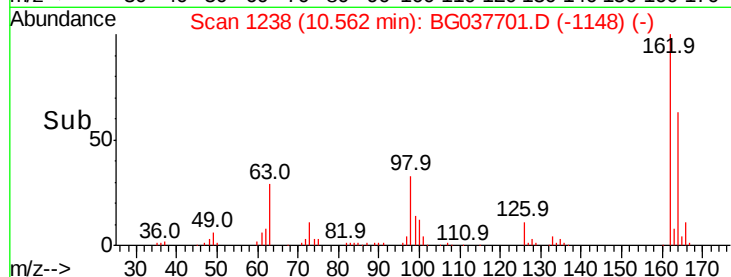
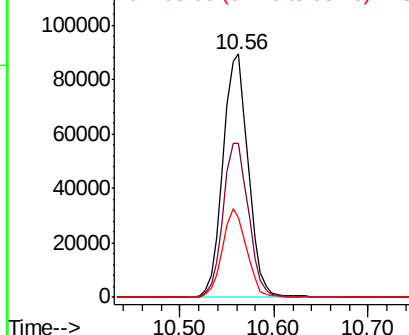
#29
 2,4-Dichlorophenol
 Concen: 41.553 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.2	83.2
98	32.7	16.0	56.0

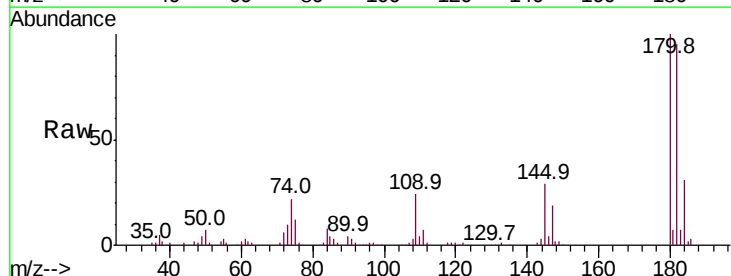


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

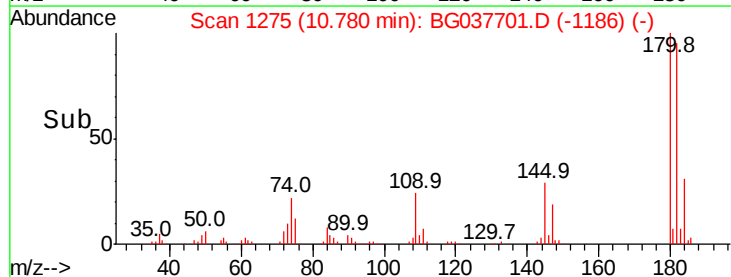
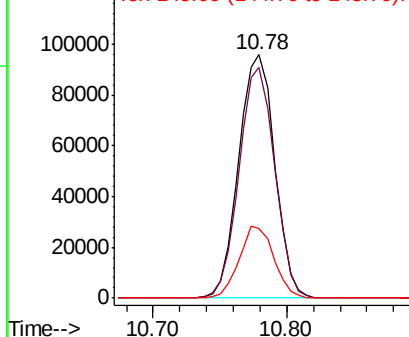


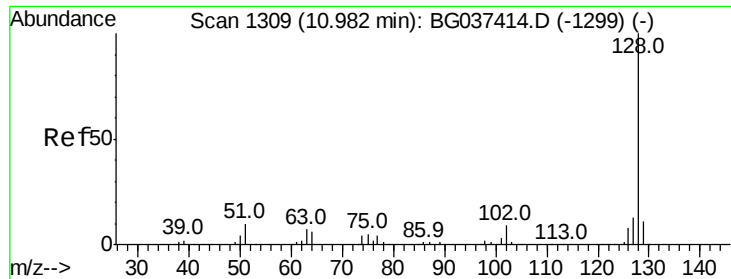
#30
 1,2,4-Trichlorobenzene
 Concen: 40.517 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.7	116.5
145	28.8	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

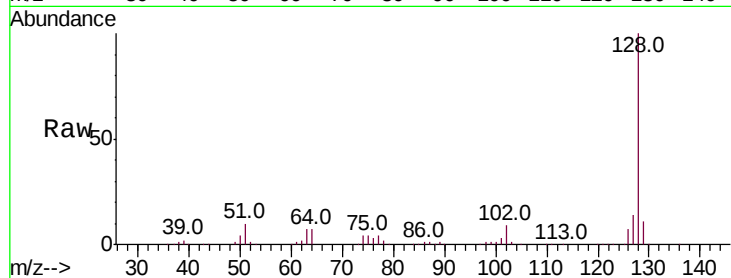




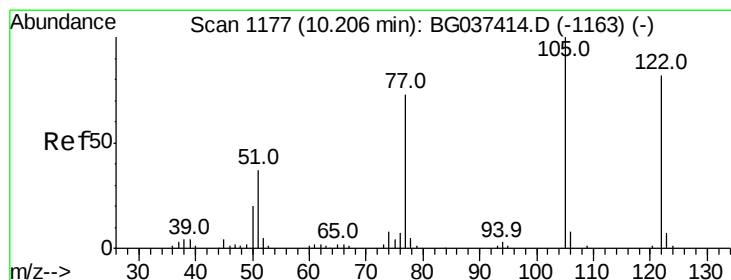
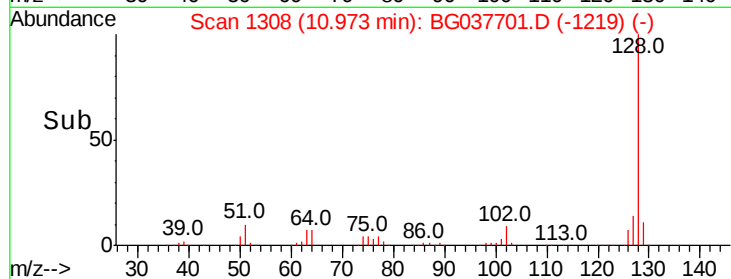
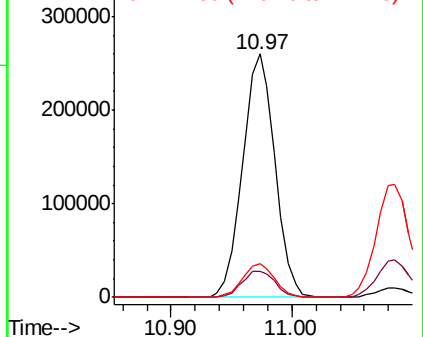
#31
Naphthalene
Concen: 40.441 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 484084
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.7 11.1 16.7

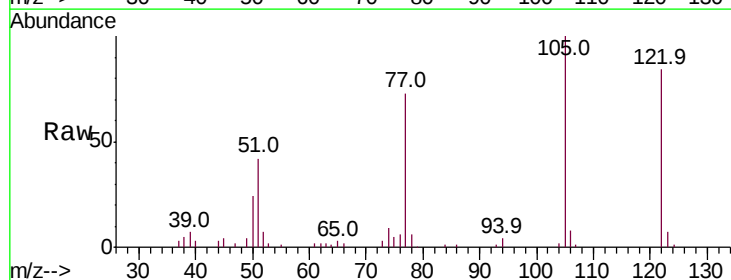


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

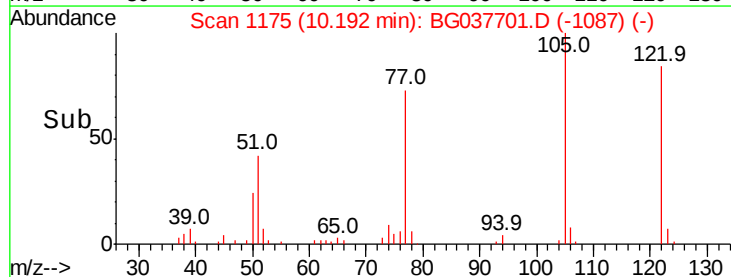
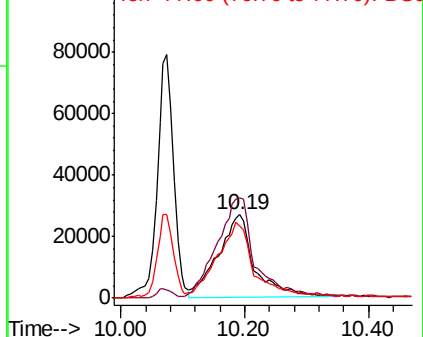


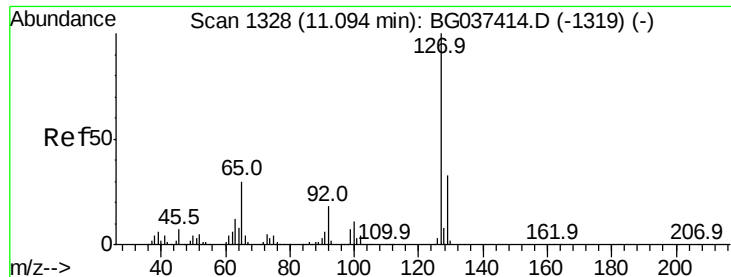
#32
Benzoic acid
Concen: 45.698 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:122 Resp: 107896
Ion Ratio Lower Upper
122 100
105 119.4 106.7 146.7
77 87.1 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

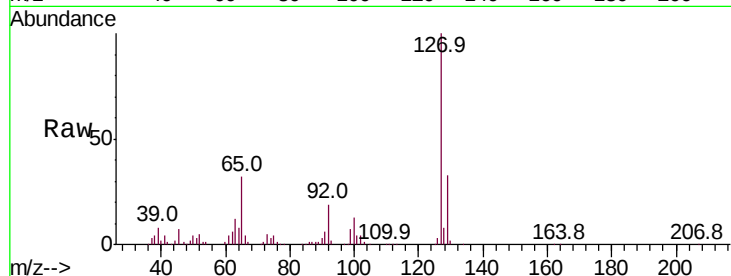




#33
4-Chloroaniline
Concen: 41.586 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	233888
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.1	40.7
65	32.3	26.6	39.8
92	18.7	16.4	24.6



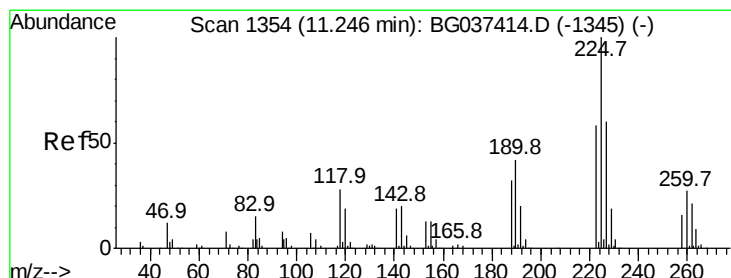
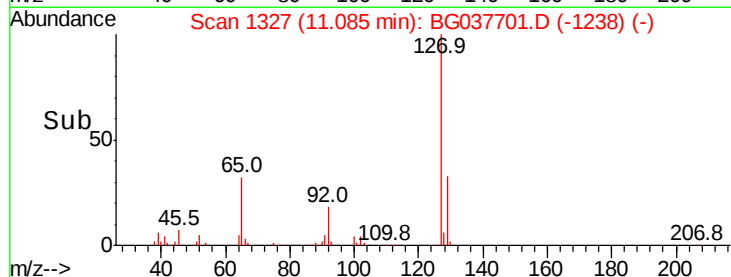
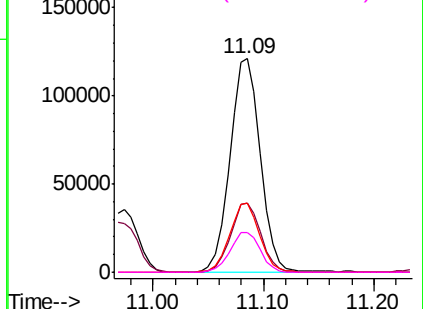
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

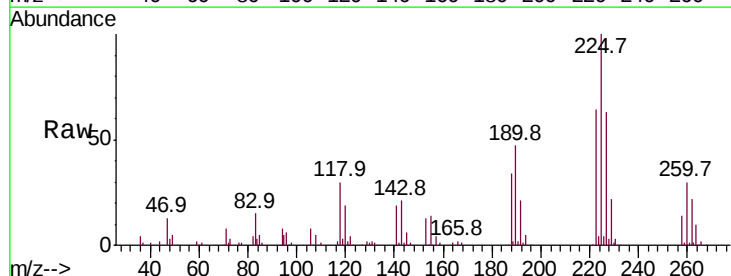
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.436 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:	225	Resp:	102874
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.2	72.4
227	62.9	51.6	77.4

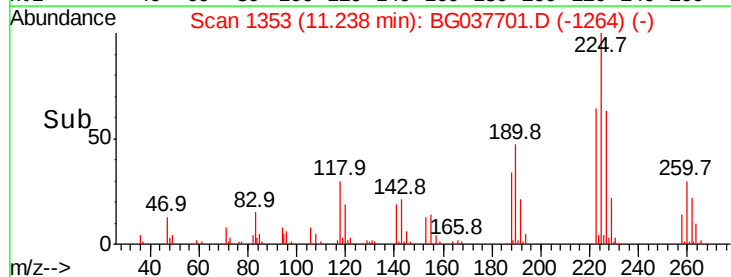
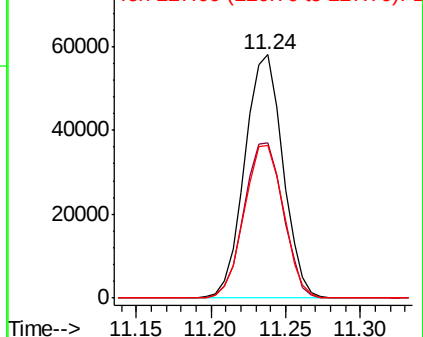


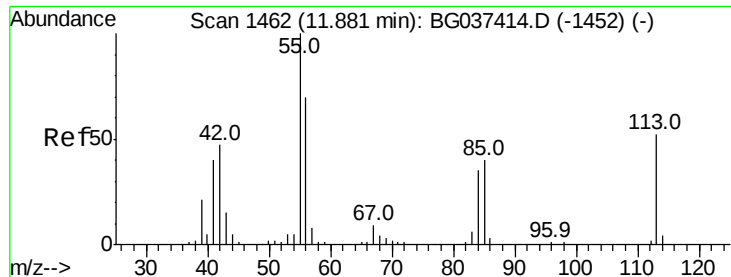
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

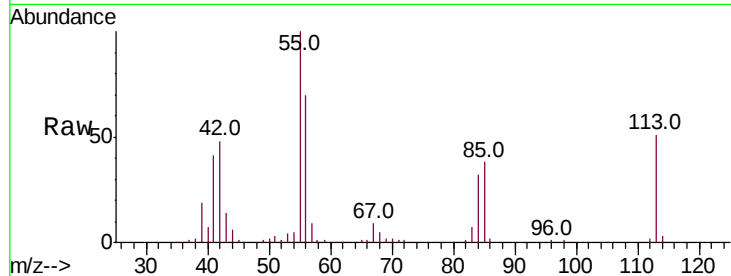




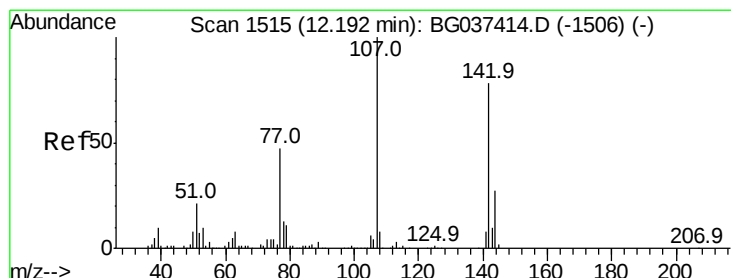
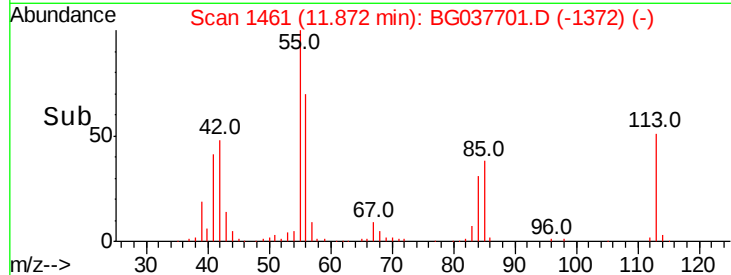
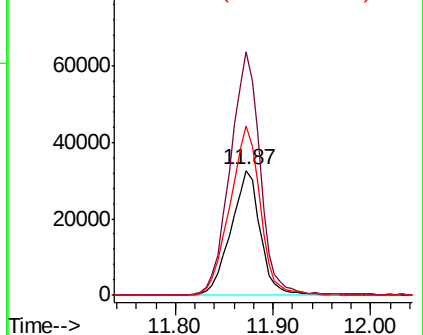
#35
Caprolactam
Concen: 41.880 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 67981
Ion Ratio Lower Upper
113 100
55 195.4 176.6 216.6
56 135.9 128.3 168.3

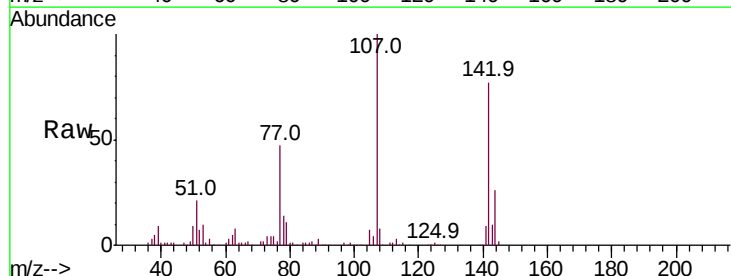


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

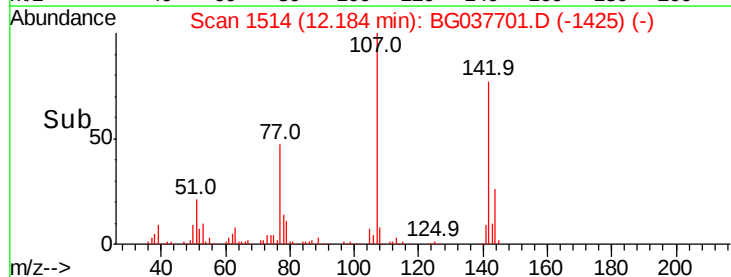
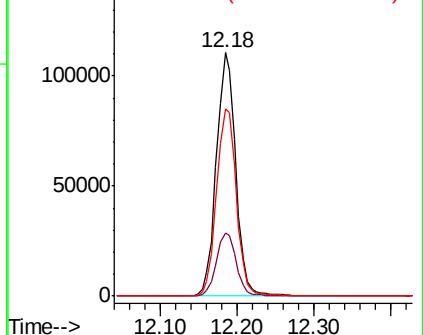


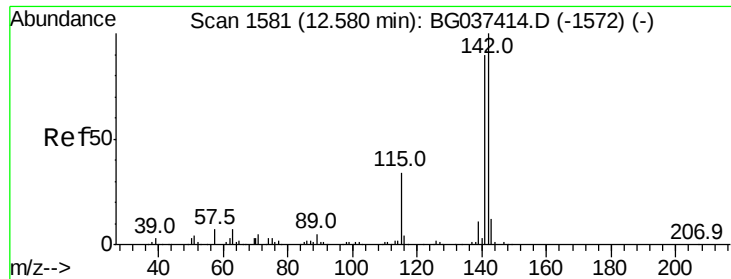
#36
4-Chloro-3-methylphenol
Concen: 41.954 ng
RT: 12.18 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:107 Resp: 191501
Ion Ratio Lower Upper
107 100
144 26.1 20.7 31.1
142 77.1 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.121 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

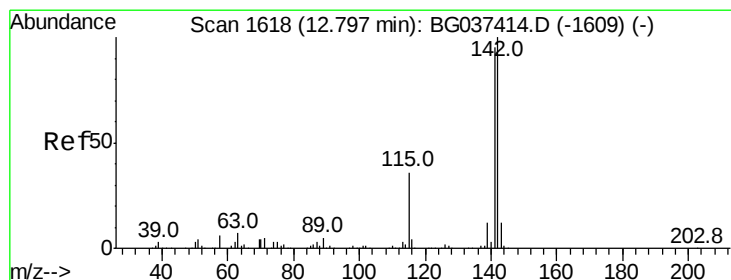
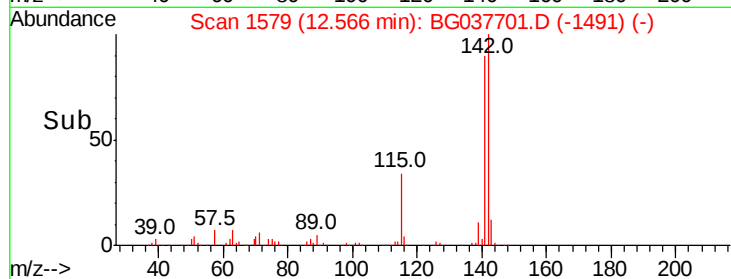
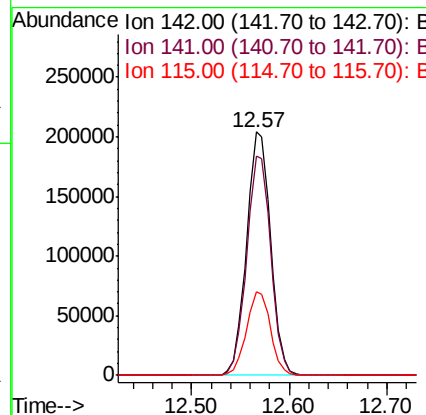
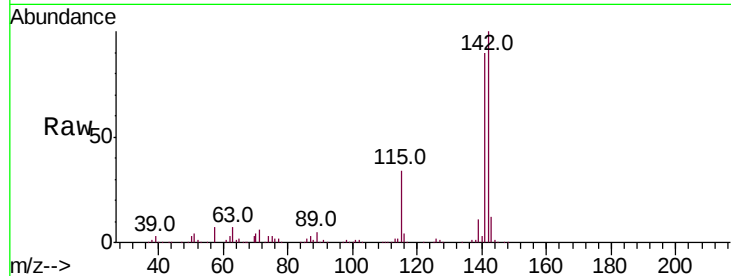
Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 350083

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	34.2	27.8	41.8



#38

1-Methylnaphthalene

Concen: 40.243 ng

RT: 12.79 min Scan# 1617

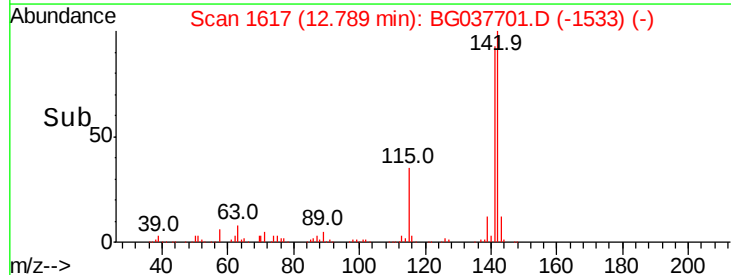
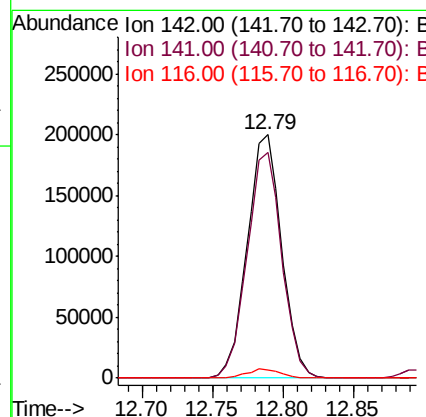
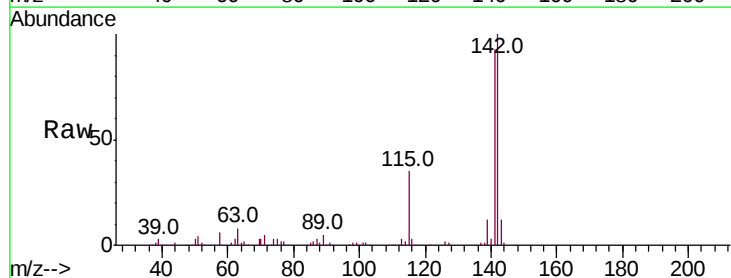
Delta R.T. -0.01 min

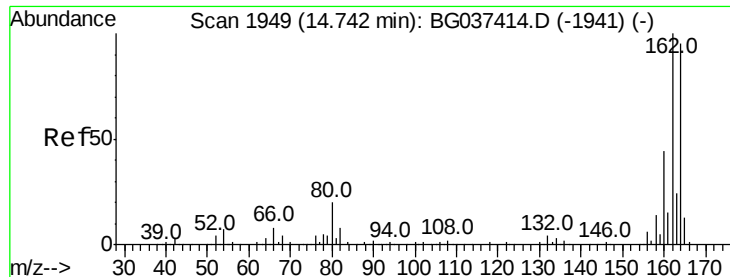
Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Tgt Ion:142 Resp: 341015

Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.2	112.8
116	3.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

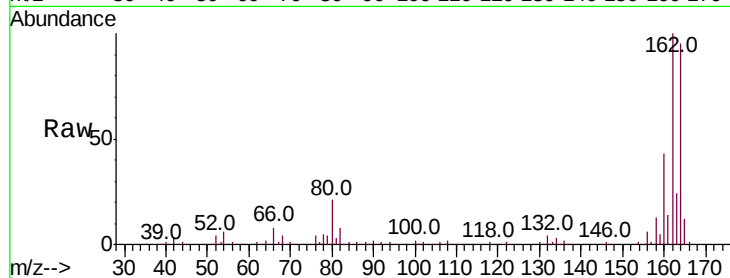
Tot Ion:164 Resp: 158577

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

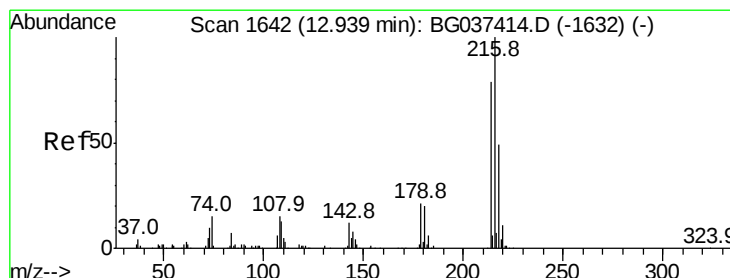
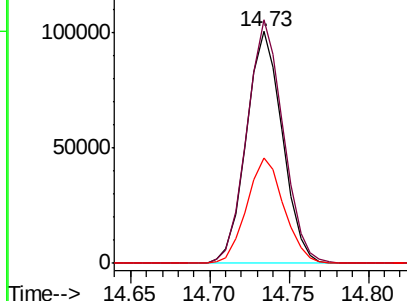
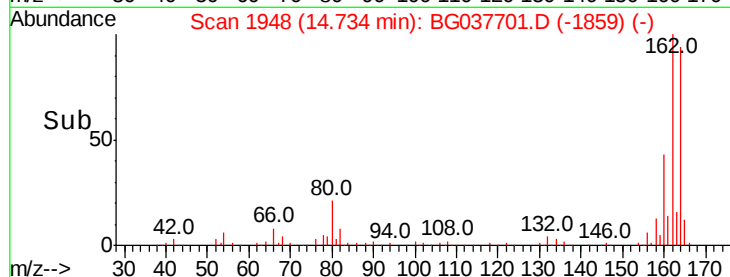
160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.507 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Tgt Ion:216 Resp: 207191

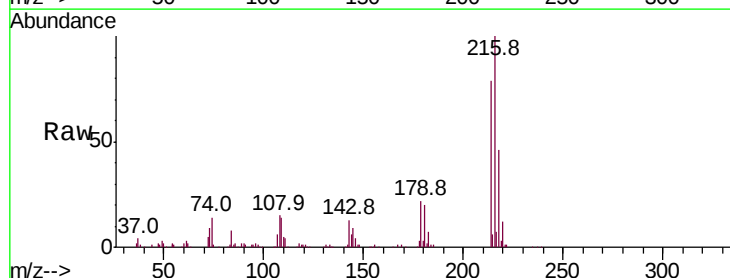
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 21.1 17.4 26.0

108 16.9 13.9 20.9

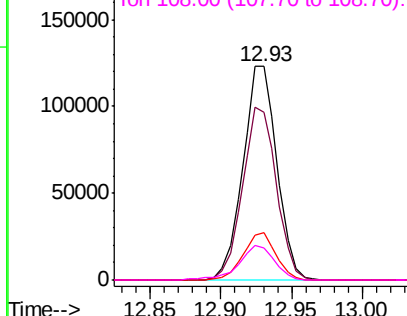
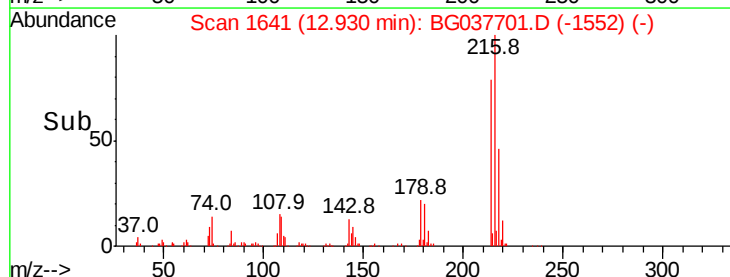


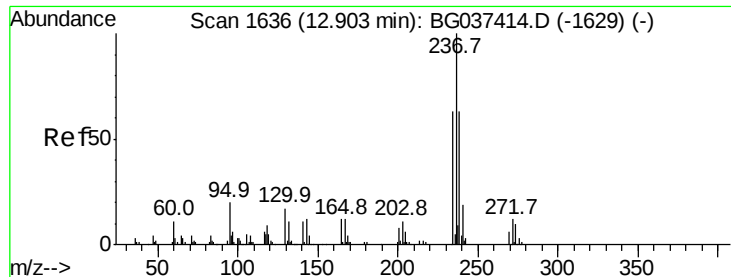
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

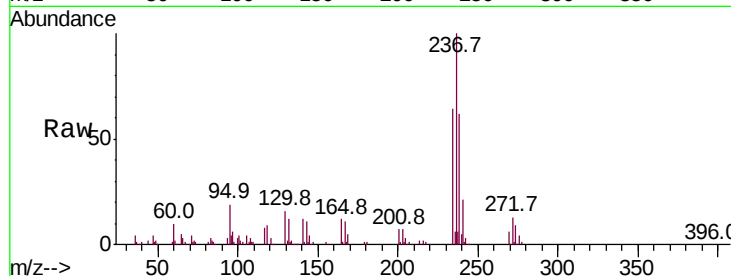




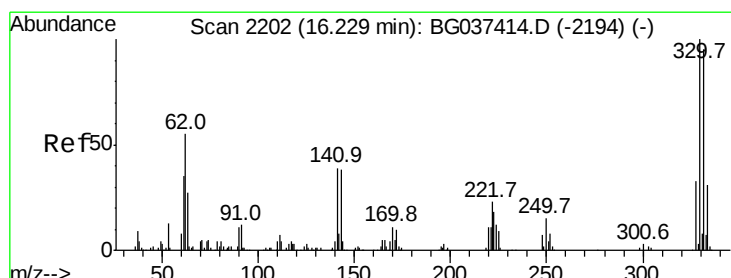
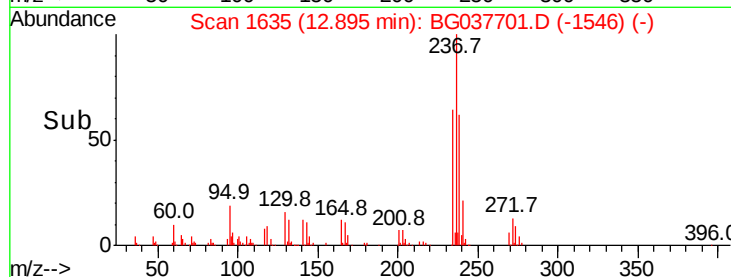
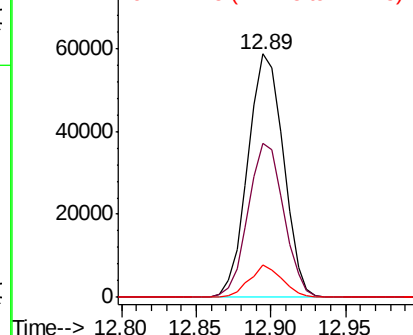
#41
Hexachlorocyclopentadiene
Concen: 39.595 ng
RT: 12.89 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.5	82.5
272	13.2	0.0	31.6

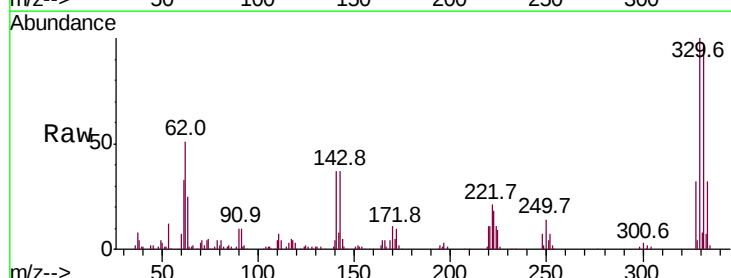


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

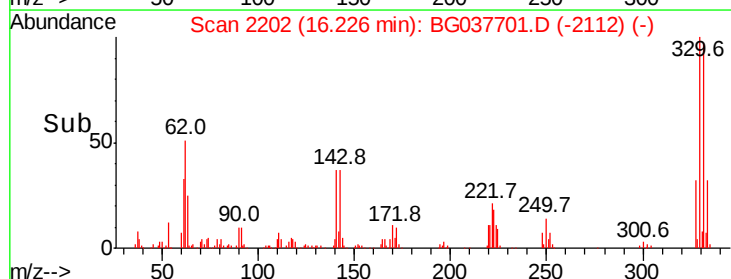
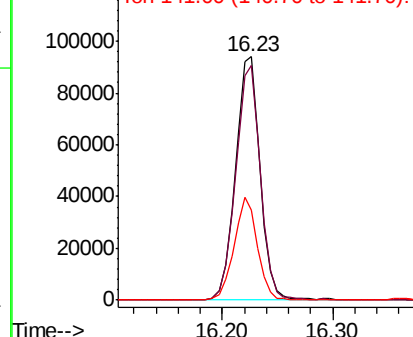


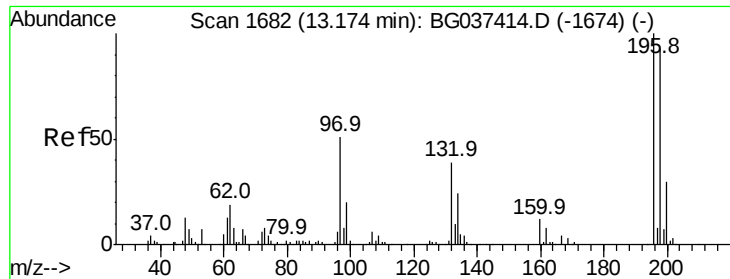
#42
2,4,6-Tribromophenol
Concen: 84.711 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.4	117.6
141	40.1	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

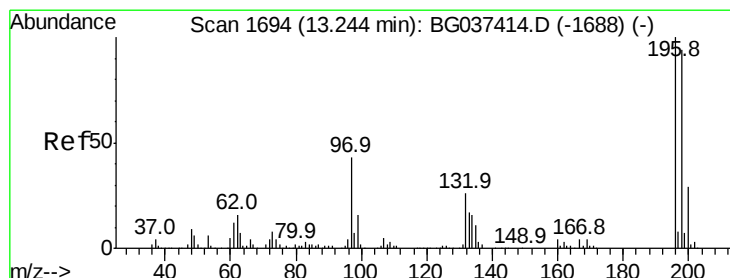
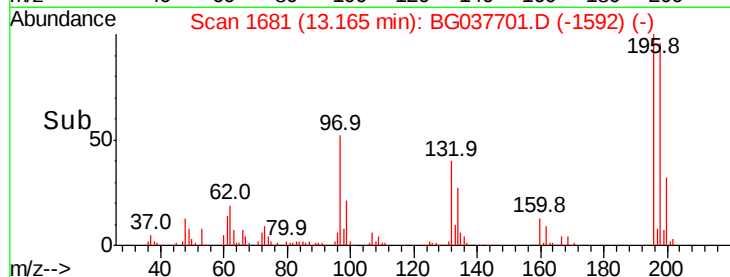
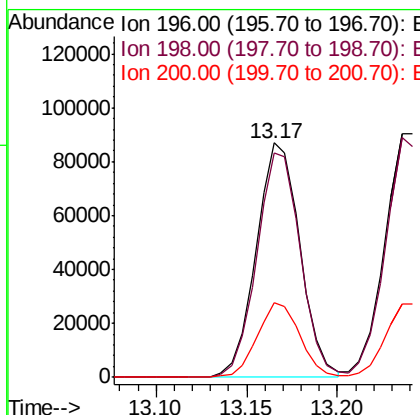
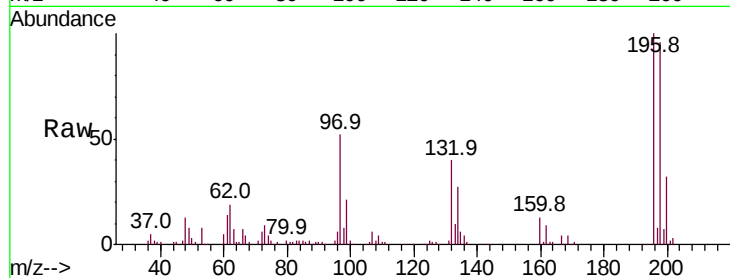




#43
 2,4,6-Trichlorophenol
 Concen: 42.520 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

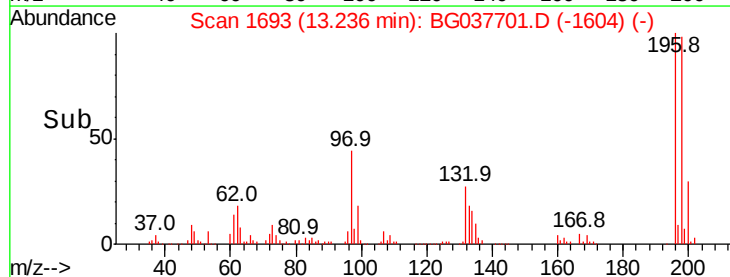
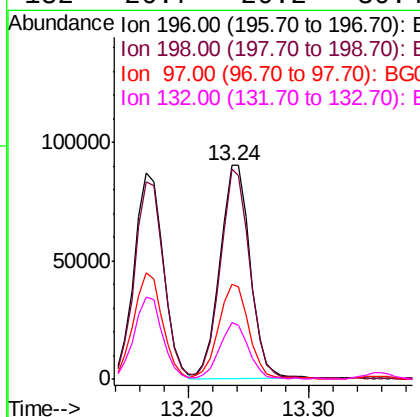
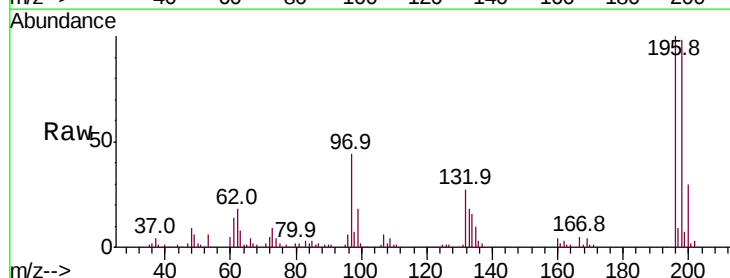
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

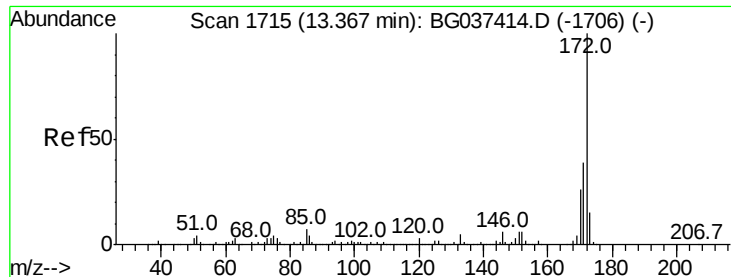
Tot Ion	196	Resp	145299
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.4	114.6
200	31.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.017 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion	196	Resp	156326
Ion Ratio	Lower	Upper	
196	100		
198	98.2	74.2	111.2
97	44.4	34.1	51.1
132	26.7	20.2	30.4



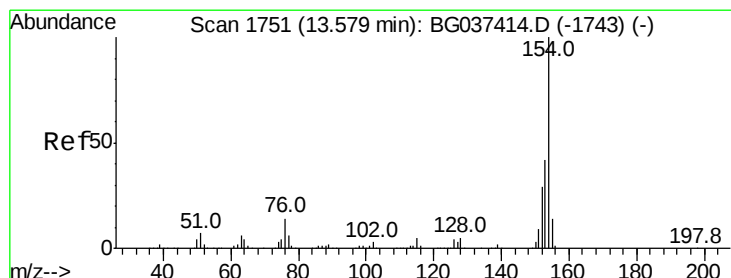
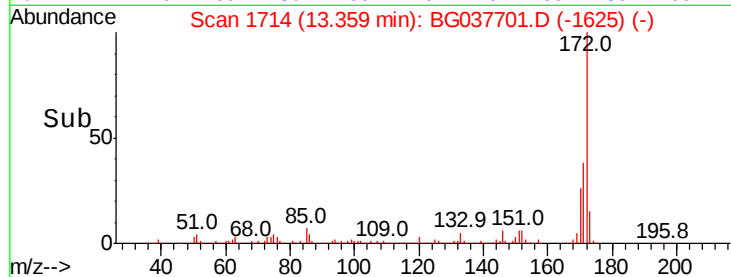
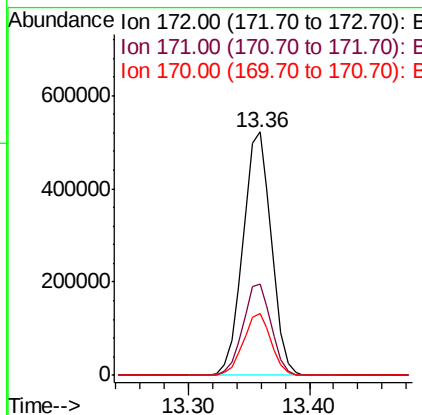
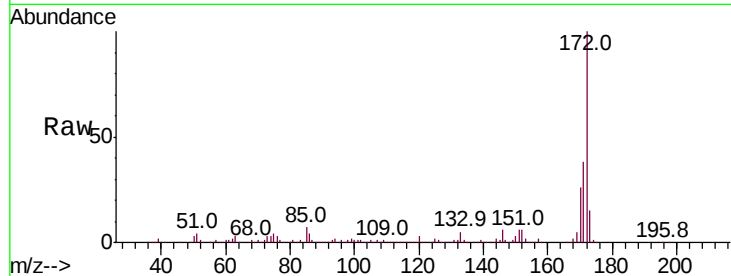


#45
 2-Fluorobiphenyl
 Concen: 81.147 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 853354

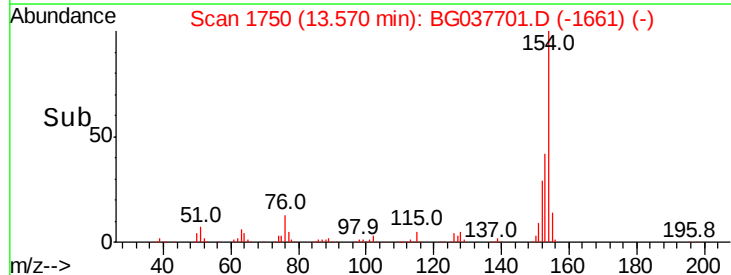
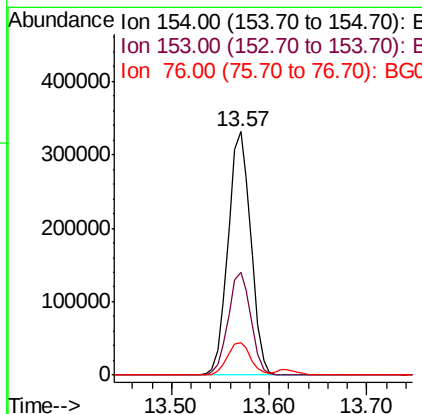
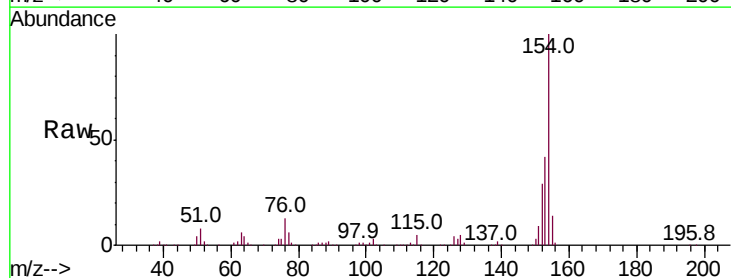
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.7	20.2	30.2

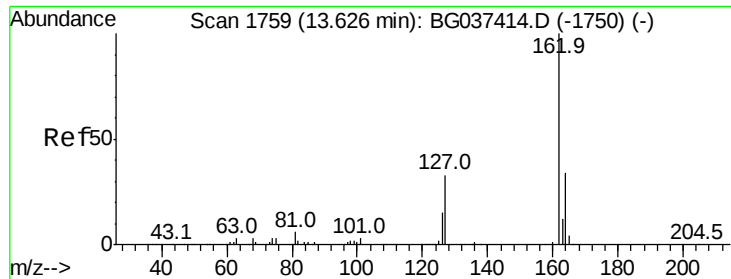


#46
 1,1'-Biphenyl
 Concen: 40.562 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion:154 Resp: 532691

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	13.5	0.0	33.2

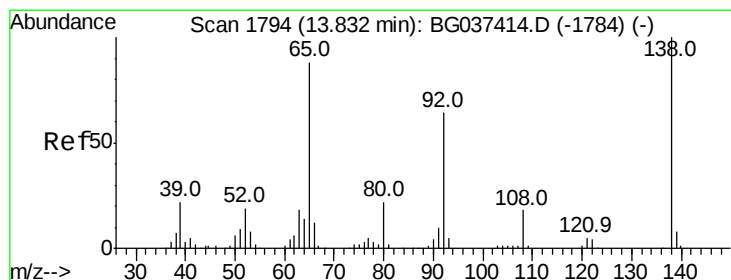
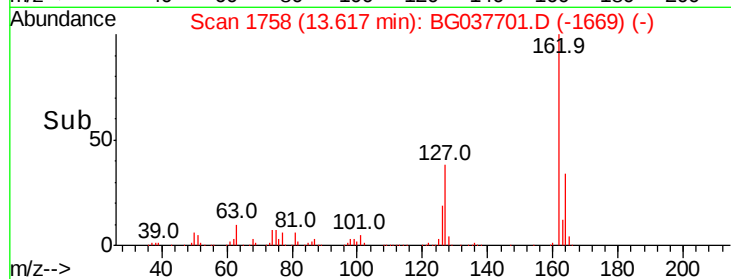
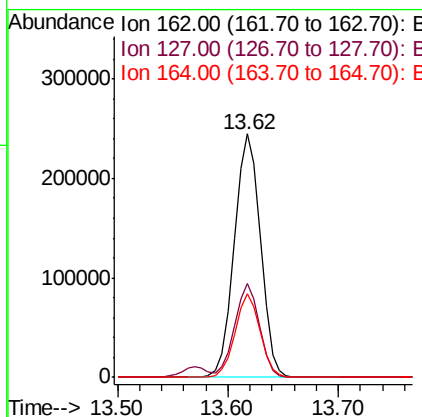
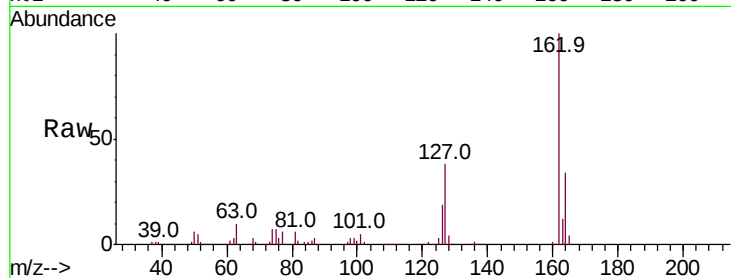




#47
 2-Chloronaphthalene
 Concen: 40.986 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

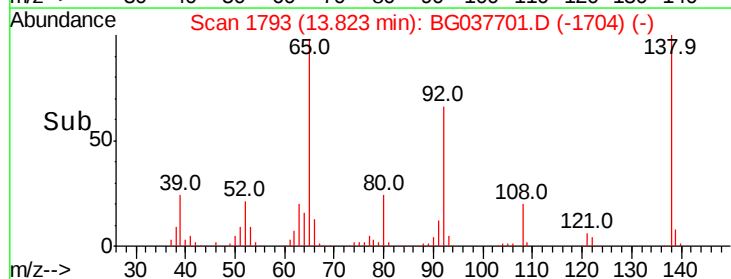
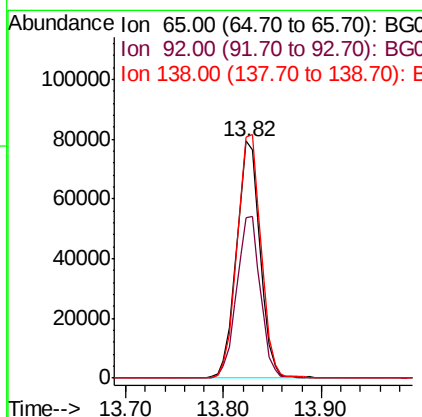
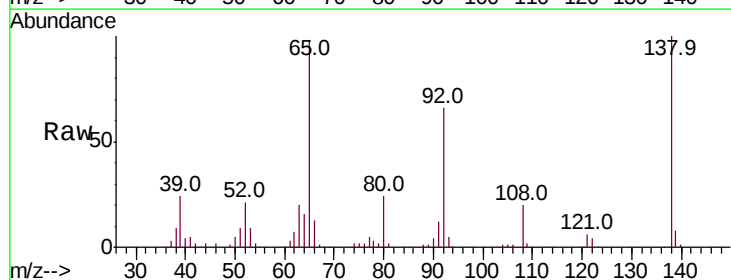
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

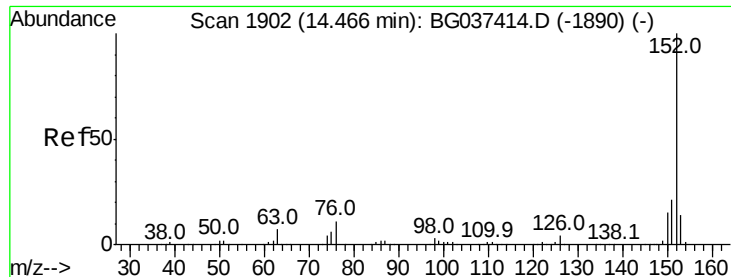
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.5	45.7
164	34.4	26.4	39.6



#48
 2-Nitroaniline
 Concen: 43.941 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.2	79.8
138	101.7	79.3	118.9





#49

Acenaphthylene

Concen: 41.132 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

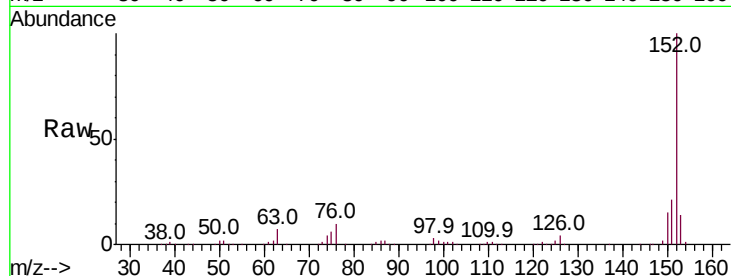
Tot Ion:152 Resp: 614760

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

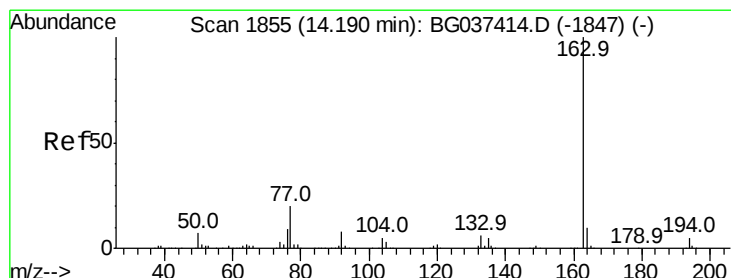
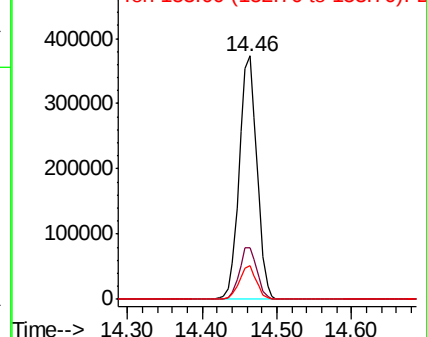
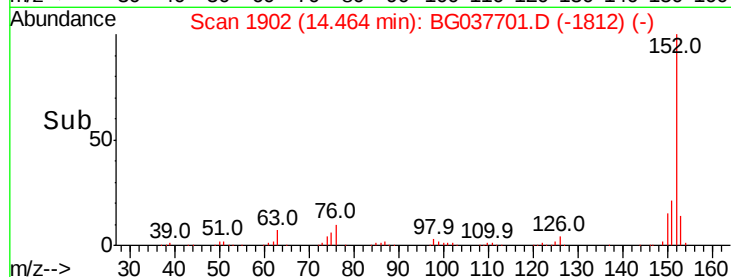
153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.238 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

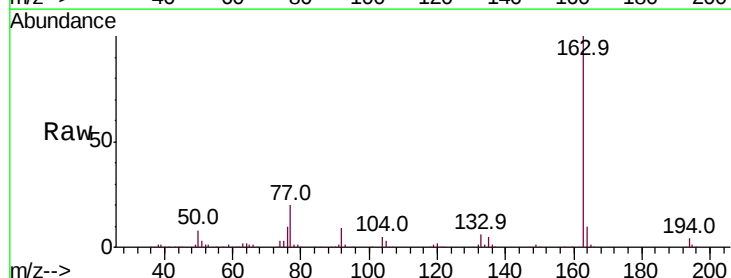
Tgt Ion:163 Resp: 505899

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

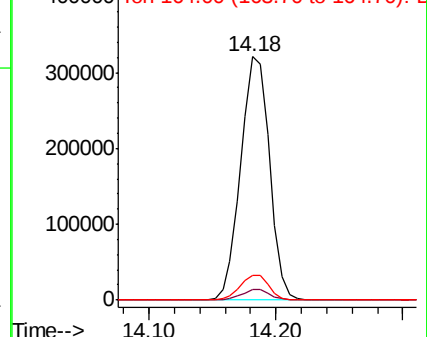
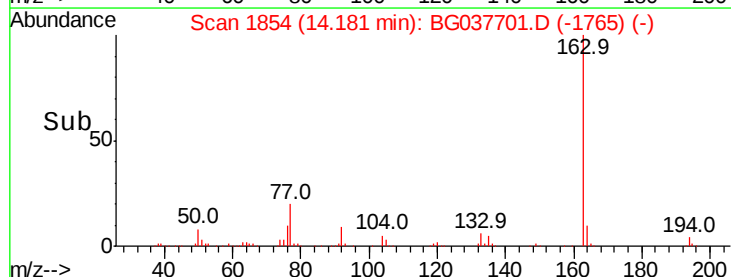
164 10.3 8.5 12.7

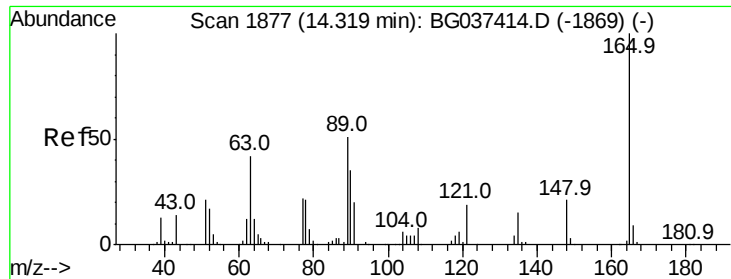


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

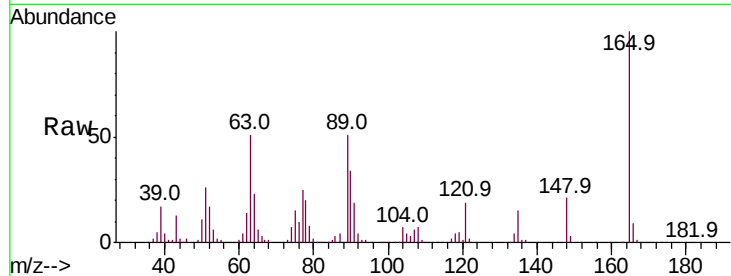




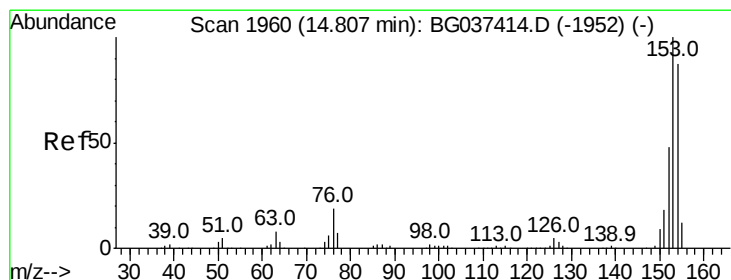
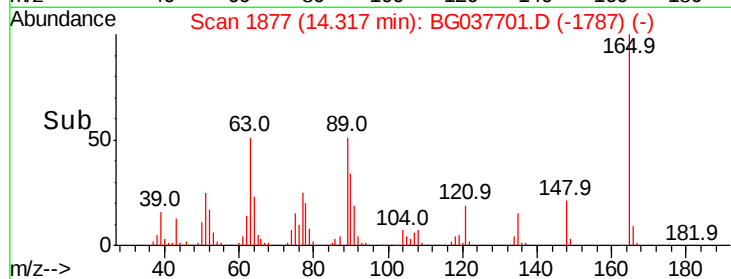
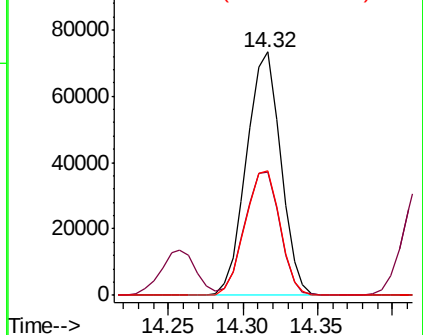
#51
 2,6-Dinitrotoluene
 Concen: 42.980 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 116644
 Ion Ratio Lower Upper
 165 100
 63 50.6 43.4 65.2
 89 51.4 45.8 68.6

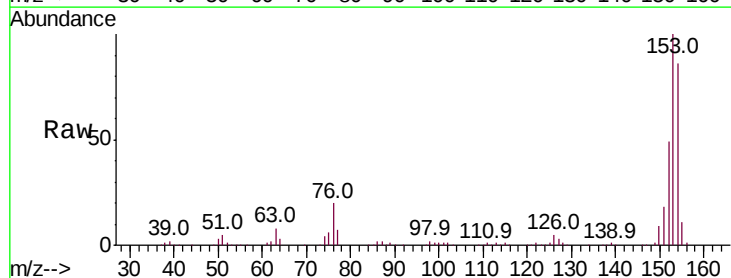


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

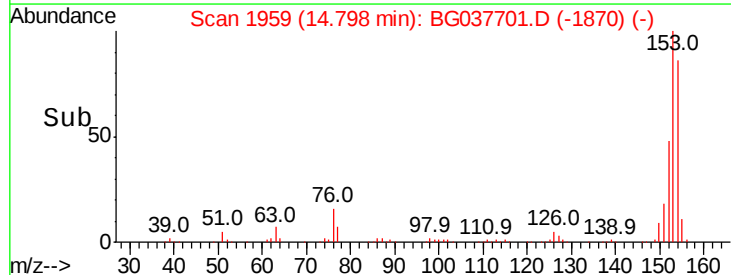
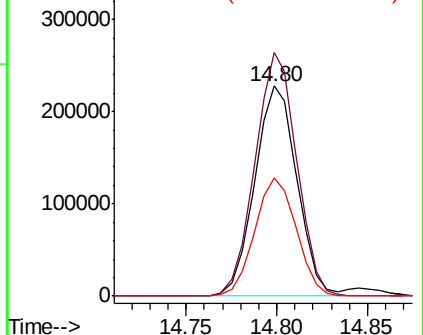


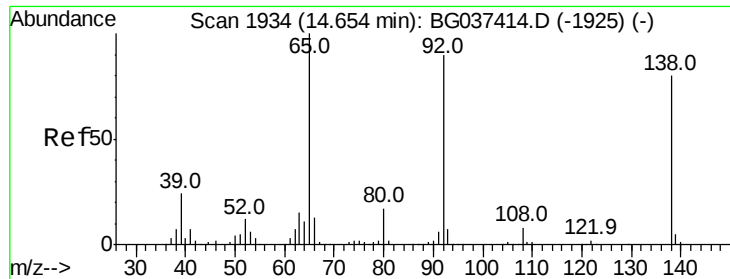
#52
 Acenaphthene
 Concen: 40.302 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion:154 Resp: 370970
 Ion Ratio Lower Upper
 154 100
 153 115.9 93.4 140.0
 152 56.4 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: 43.151 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

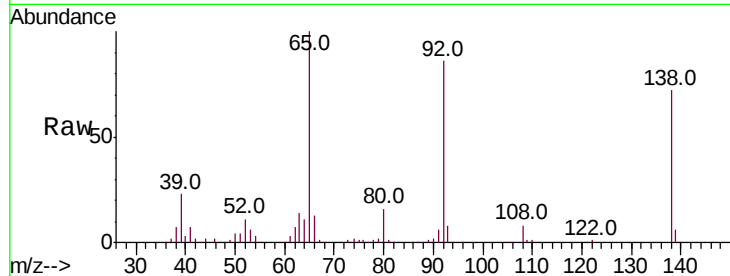
Tot Ion:138 Resp: 130006

Ion Ratio Lower Upper

138 100

108 10.8 11.0 16.6#

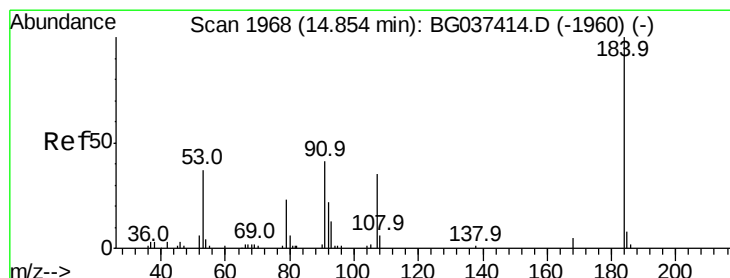
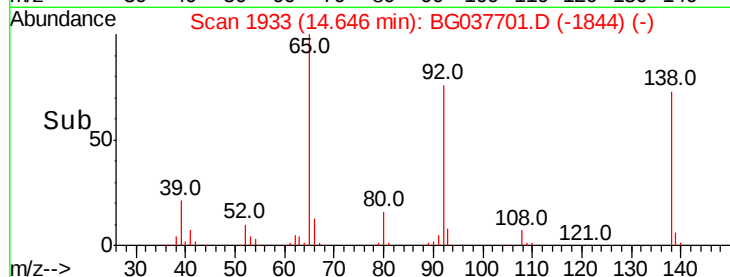
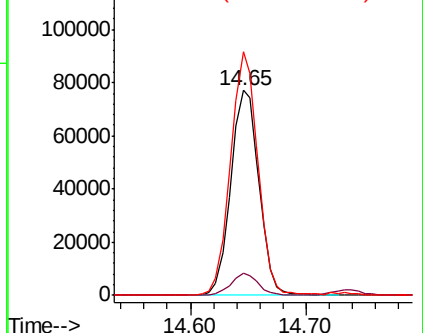
92 119.0 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 35.249 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

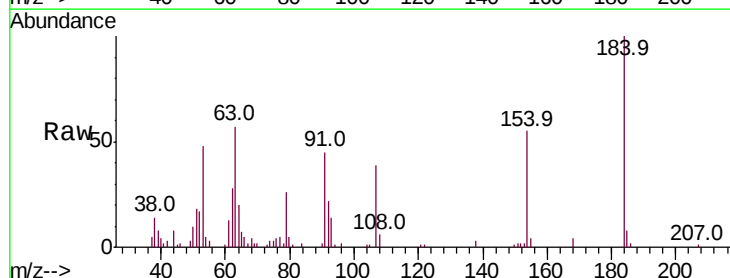
Tgt Ion:184 Resp: 25721

Ion Ratio Lower Upper

184 100

63 57.4 42.6 63.8

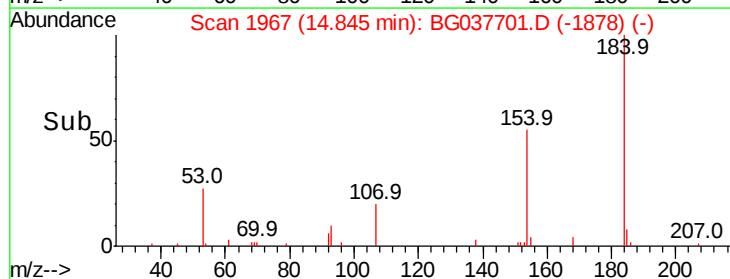
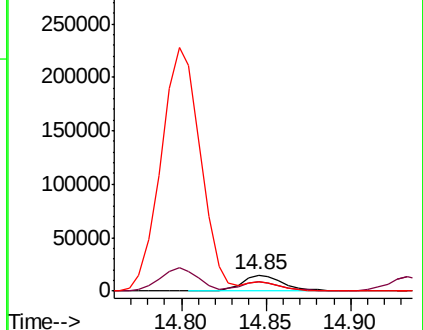
154 55.5 41.8 62.6

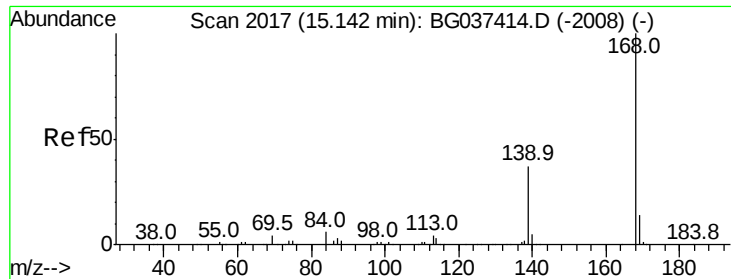


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.070 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

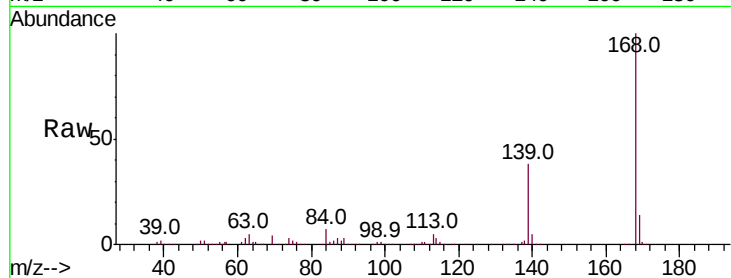
Tot Ion:168 Resp: 611089

Ion Ratio Lower Upper

168 100

139 37.6 29.4 44.0

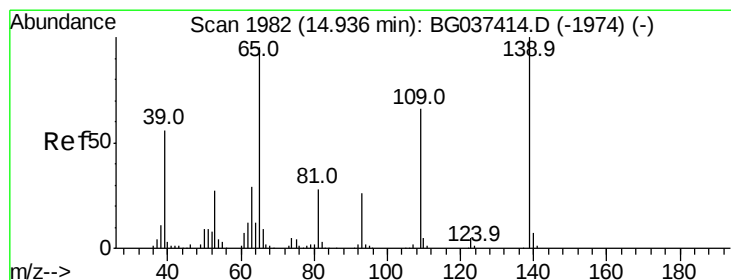
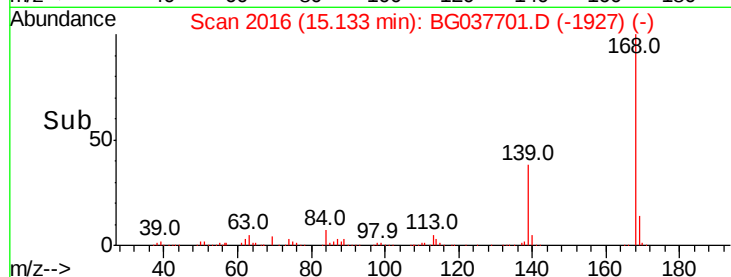
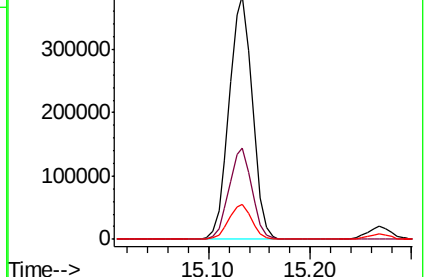
169 14.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.673 ng

RT: 14.93 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

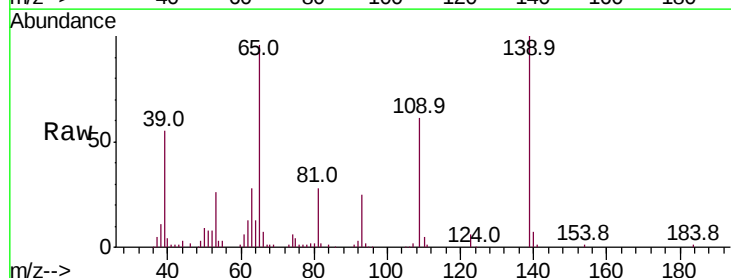
Tgt Ion:139 Resp: 88474

Ion Ratio Lower Upper

139 100

109 60.9 49.5 89.5

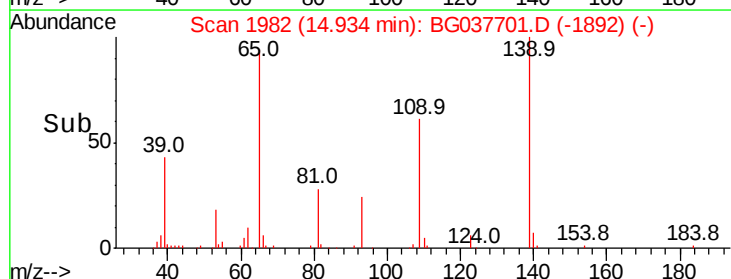
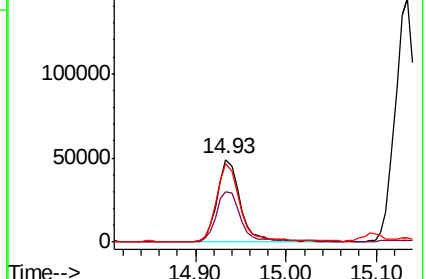
65 95.7 76.8 116.8

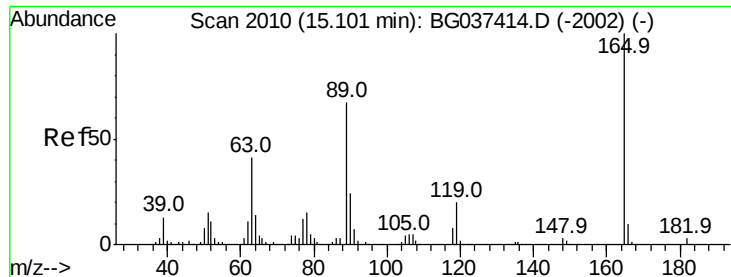


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

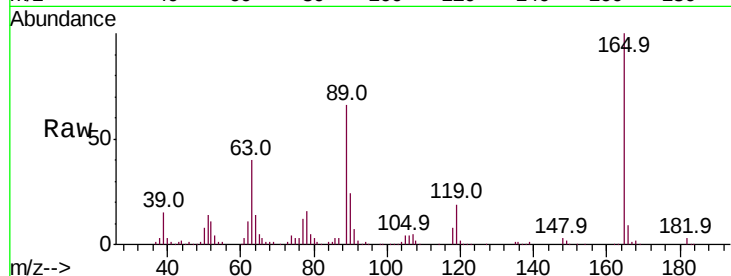




#57
2,4-Dinitrotoluene
Concen: 45.459 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.0
89	66.0	57.2	85.8
182	2.7	2.6	4.0



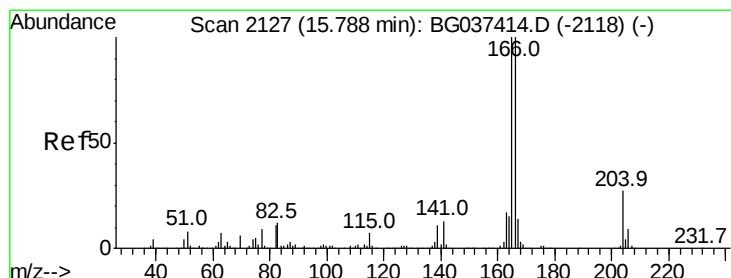
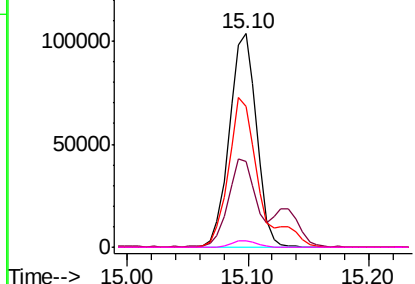
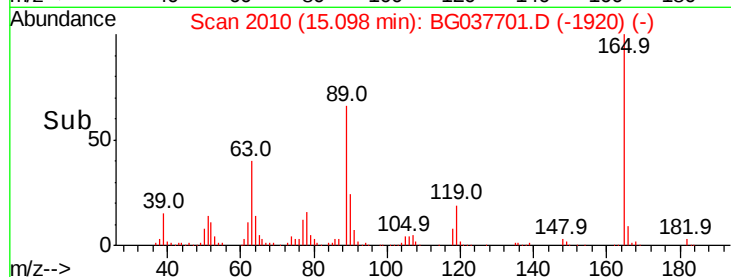
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

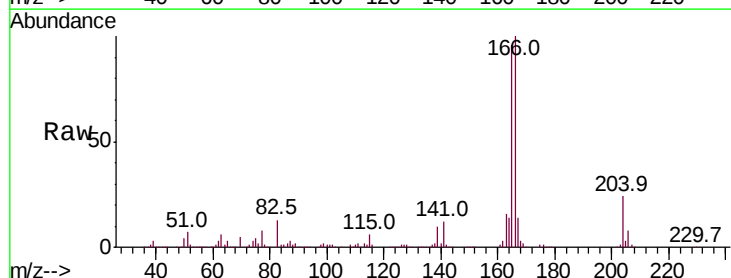
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.877 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.0	118.6
167	14.0	11.3	16.9

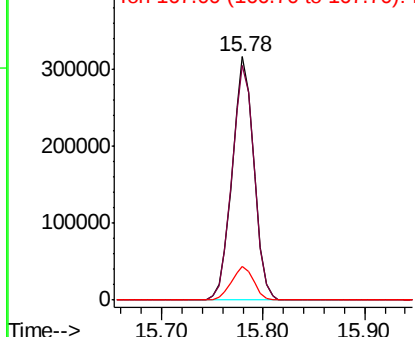
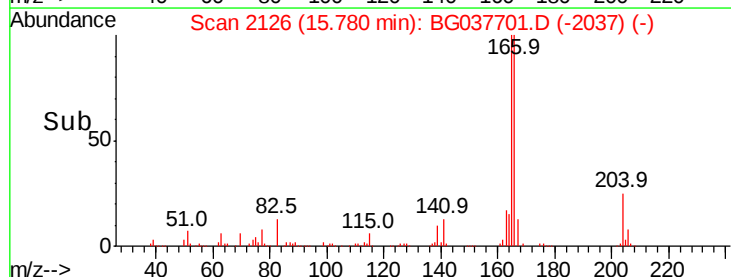


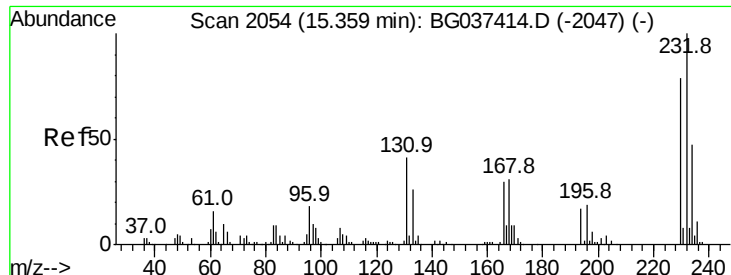
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

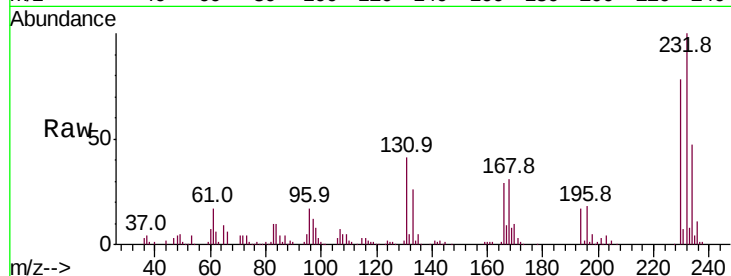




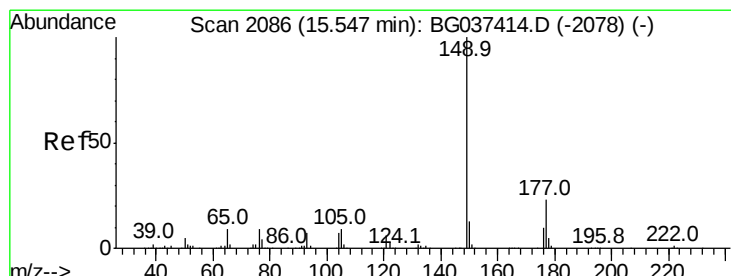
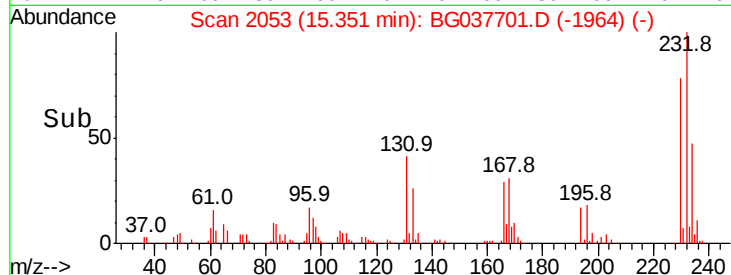
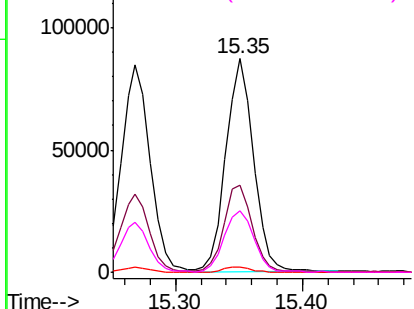
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.322 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	131633
Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.7	50.5
130	2.4	2.1	3.1
166	30.5	24.6	36.8

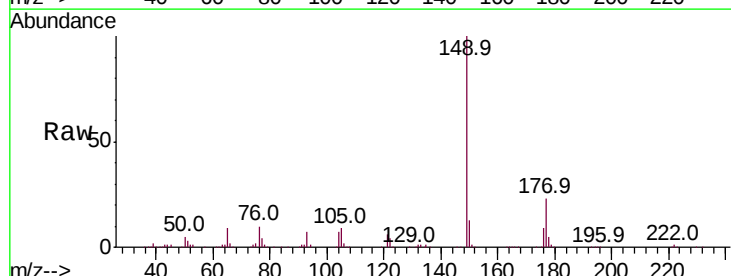


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

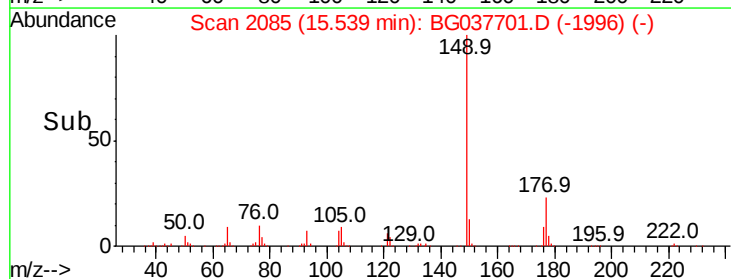
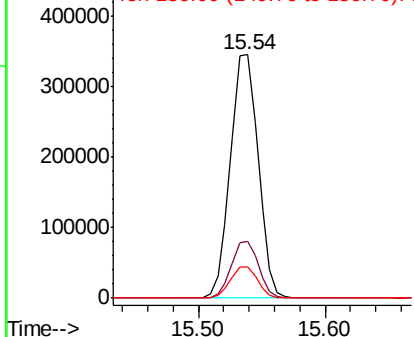


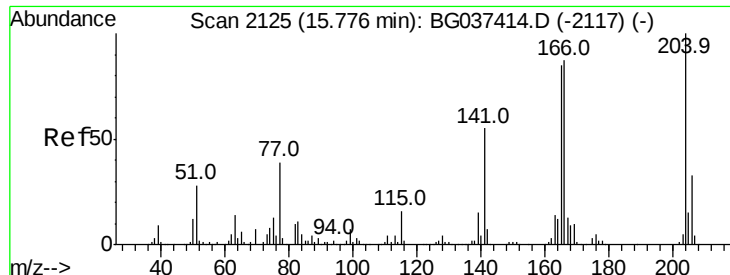
#60
 Diethylphthalate
 Concen: 41.501 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion:	149	Resp:	522700
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.9	10.0	15.0



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

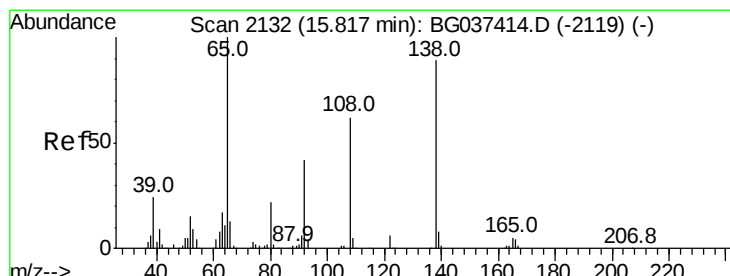
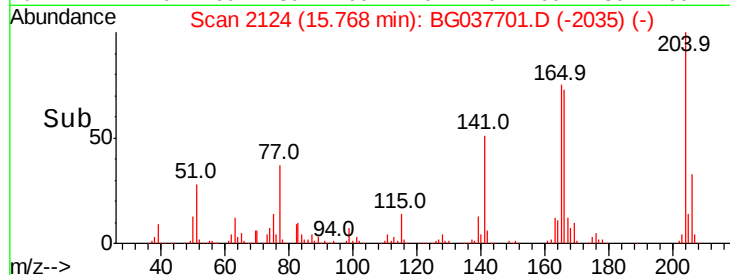
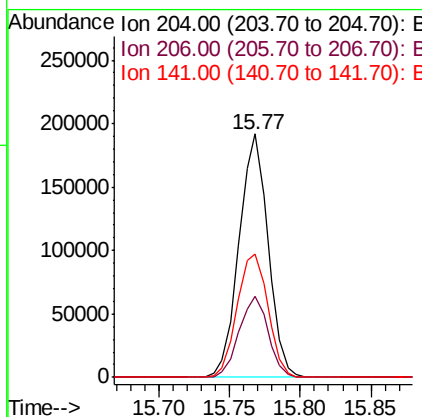
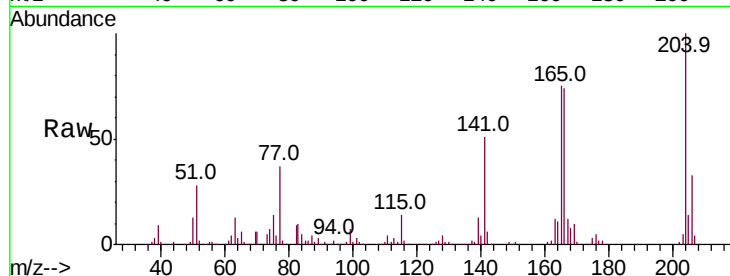




#61
 4-Chlorophenyl-phenylether
 Concen: 41.466 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

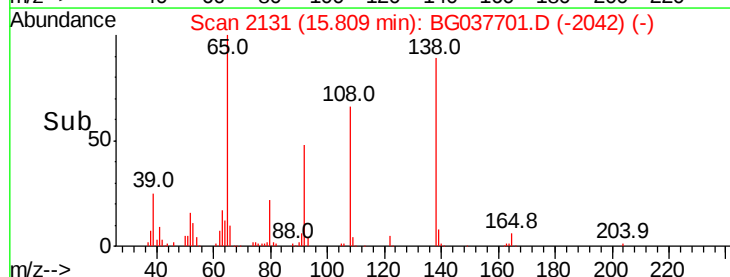
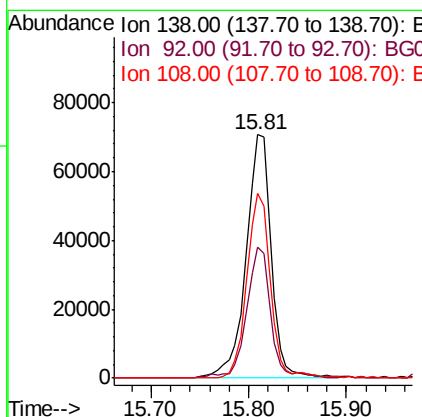
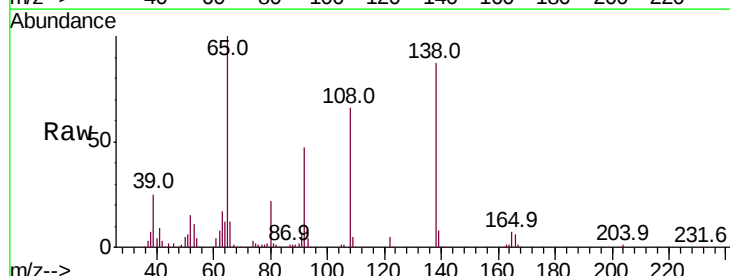
Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

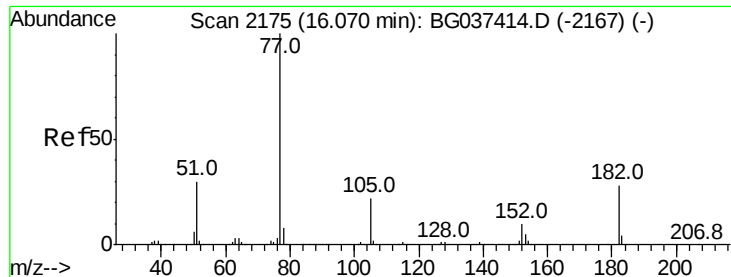
Tot Ion:204 Resp: 276019
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 50.8 45.4 68.2



#62
 4-Nitroaniline
 Concen: 42.973 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion:138 Resp: 128649
 Ion Ratio Lower Upper
 138 100
 92 53.7 36.4 76.4
 108 75.7 60.1 100.1





#63

Azobenzene

Concen: 41.032 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 493082

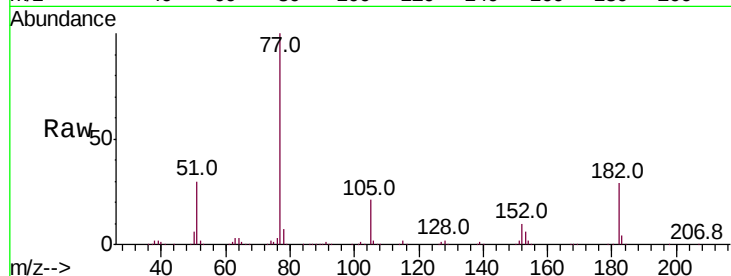
Ion Ratio Lower Upper

77 100

182 28.8 8.0 48.0

105 21.4 1.3 41.3

51 30.5 10.7 50.7

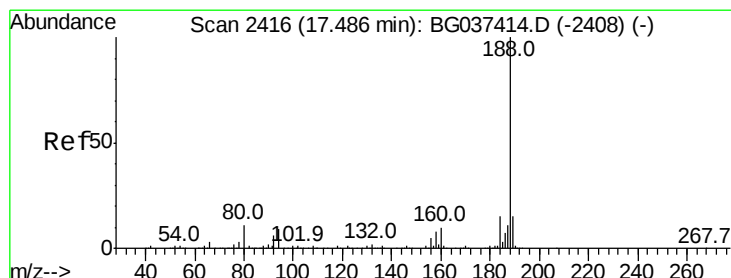
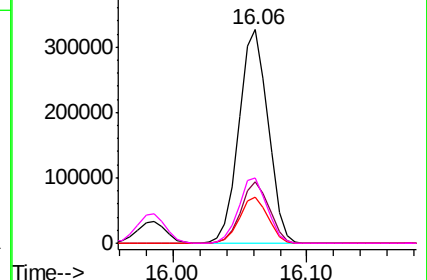
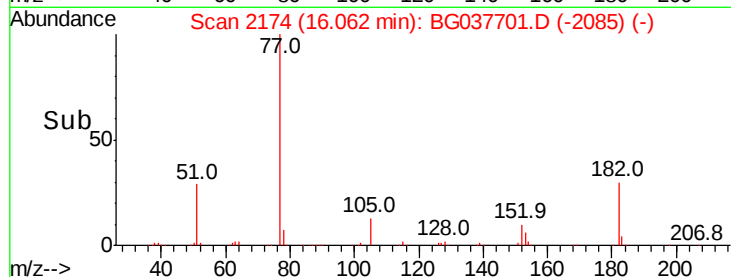


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

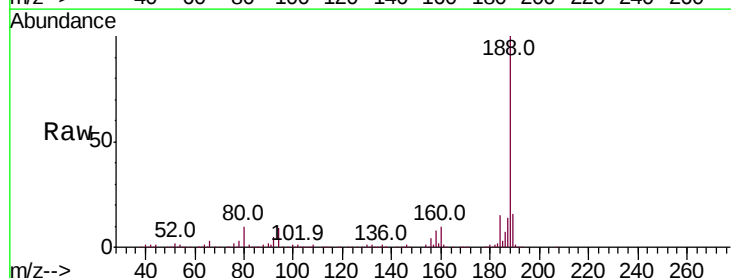
Tgt Ion: 188 Resp: 378526

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

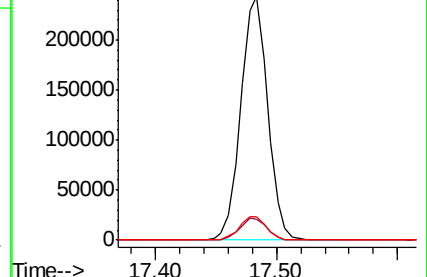
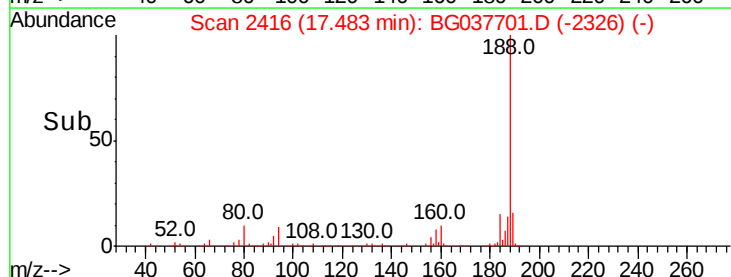
80 9.6 7.7 11.5

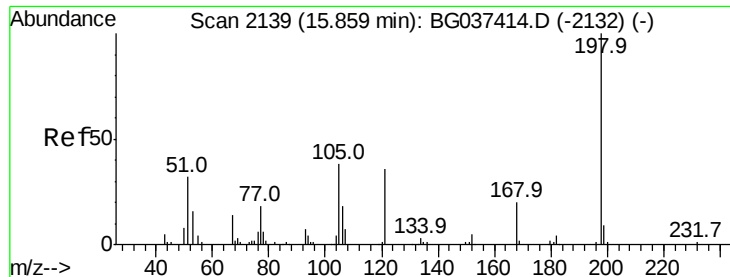


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

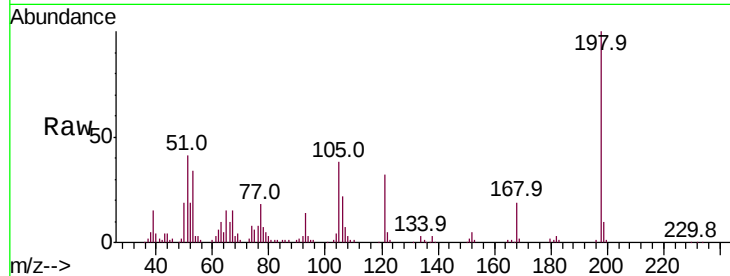




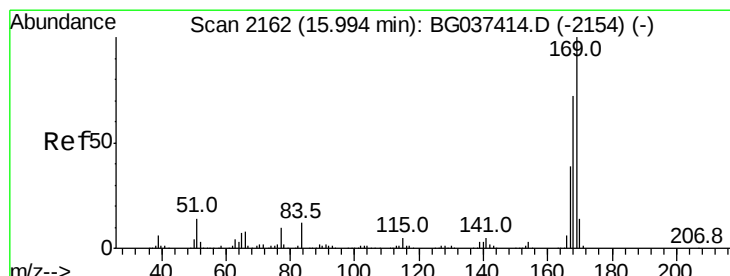
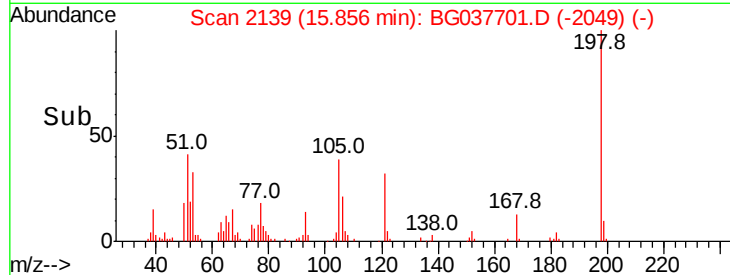
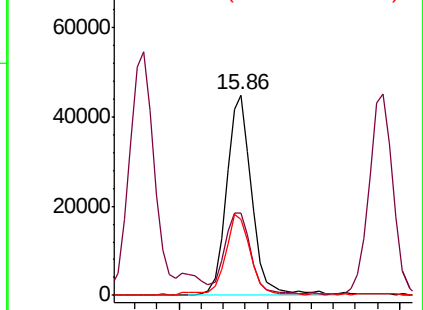
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.169 ng
 RT: 15.86 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 71609
 Ion Ratio Lower Upper
 198 100
 51 40.9 22.7 62.7
 105 38.2 19.7 59.7

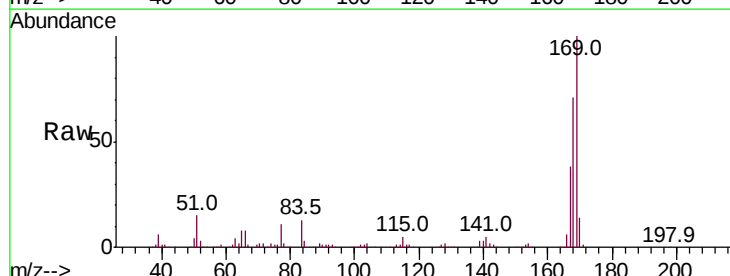


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

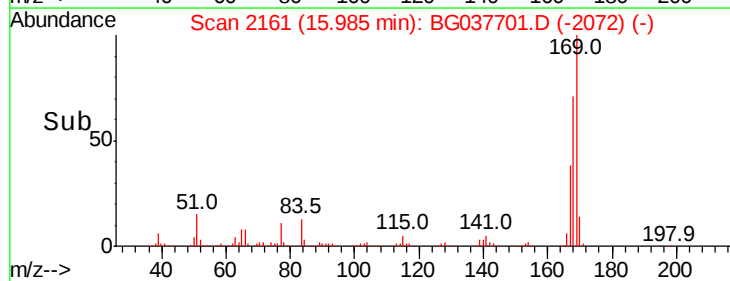
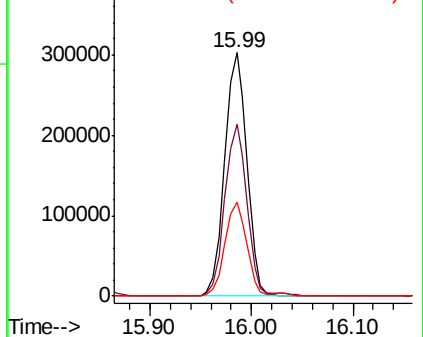


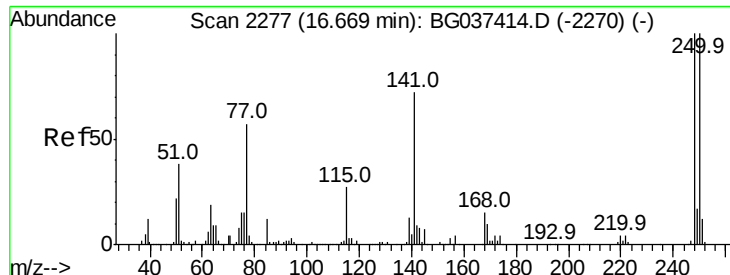
#66
 n-Nitrosodiphenylamine
 Concen: 40.489 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037701.D
 Acq: 1 Nov 2018 3:27

Tgt Ion:169 Resp: 461015
 Ion Ratio Lower Upper
 169 100
 168 70.9 55.7 83.5
 167 38.4 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.147 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

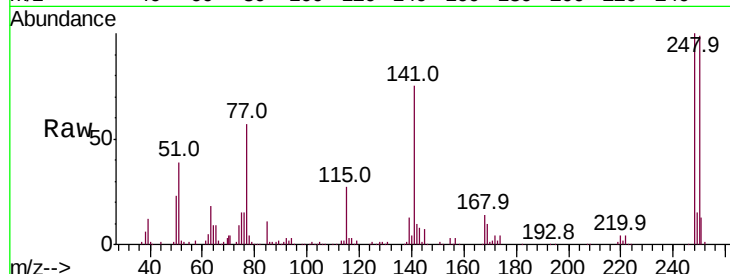
Tot Ion:248 Resp: 166884

Ion Ratio Lower Upper

248 100

250 98.7 77.0 115.6

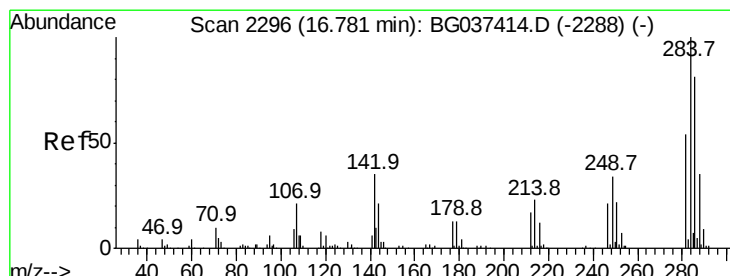
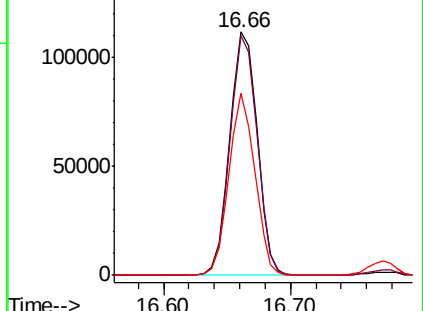
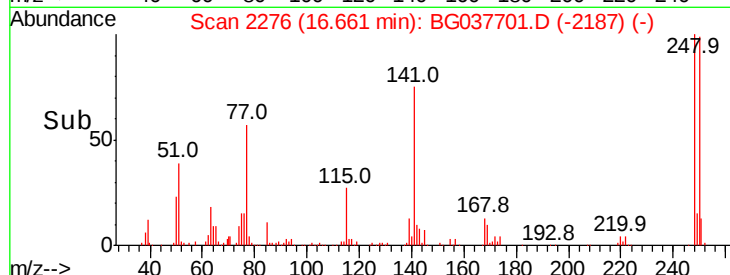
141 74.7 55.5 83.3



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: 39.738 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

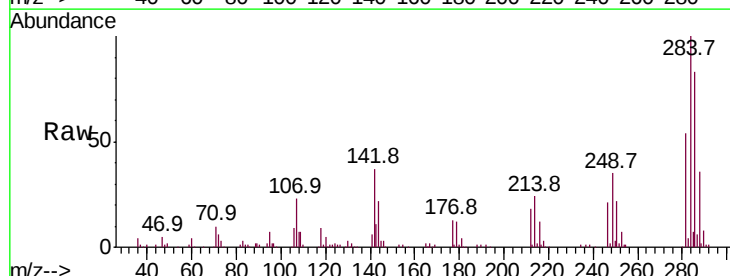
Tgt Ion:284 Resp: 171197

Ion Ratio Lower Upper

284 100

142 36.6 28.1 42.1

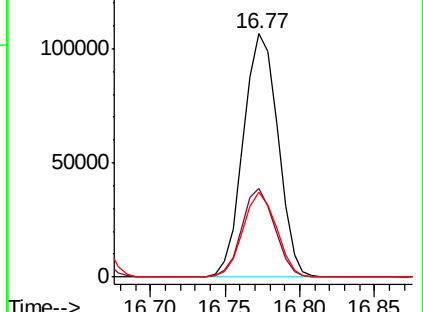
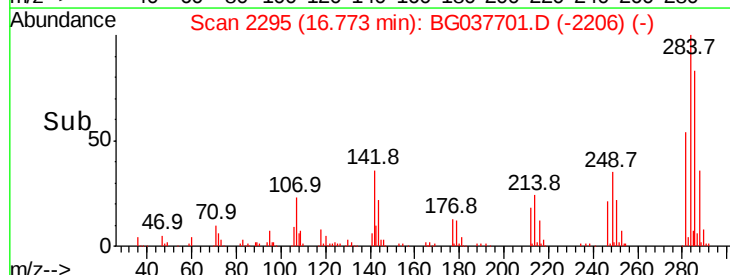
249 37.6 29.8 44.8

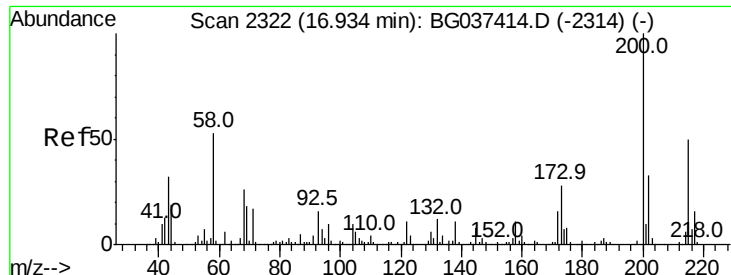


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.600 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

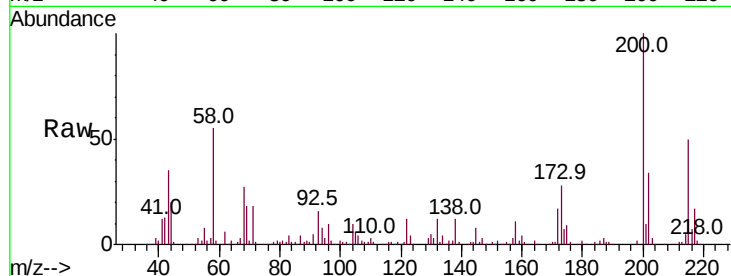
Tot Ion:200 Resp: 163019

Ion Ratio Lower Upper

200 100

173 28.2 6.1 46.1

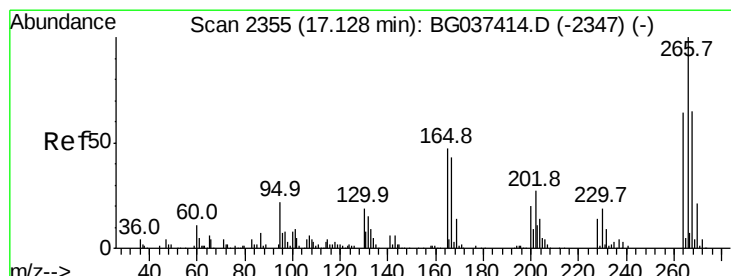
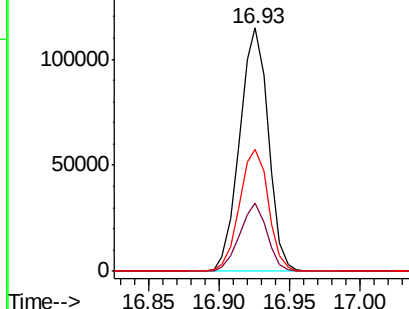
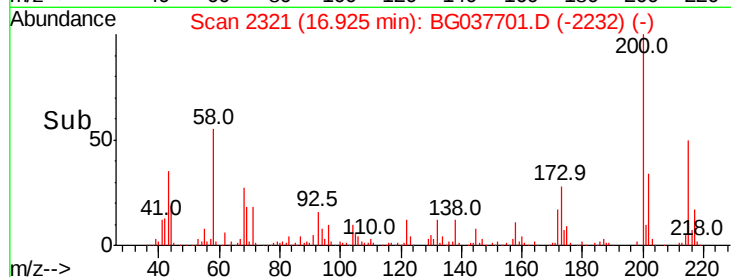
215 50.2 30.8 70.8



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: 37.706 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

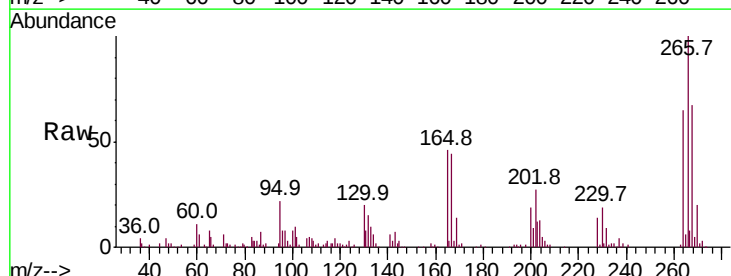
Tgt Ion:266 Resp: 108810

Ion Ratio Lower Upper

266 100

268 71.8 55.0 82.6

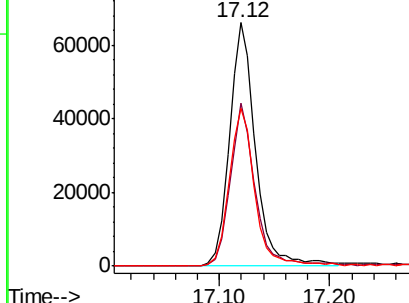
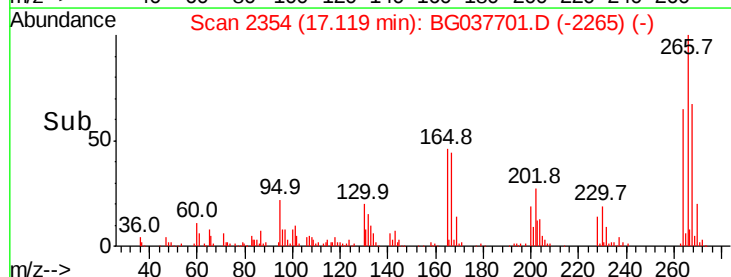
264 70.5 58.9 88.3

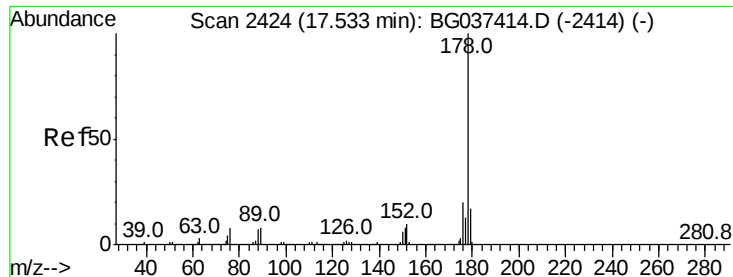


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

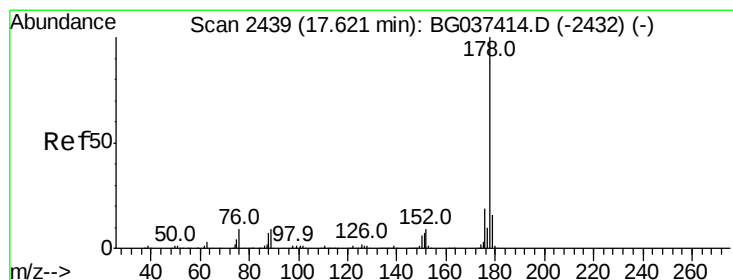
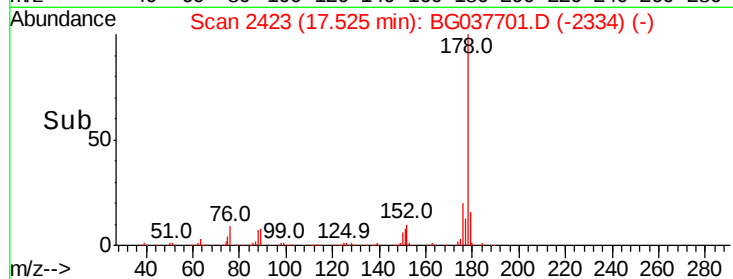
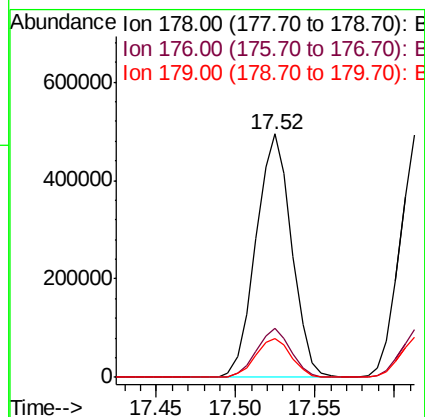
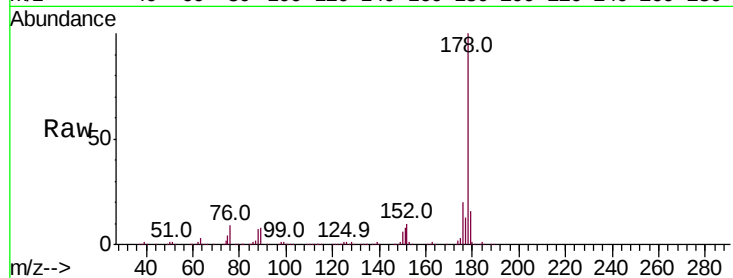




#71
Phenanthrene
Concen: 40.228 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

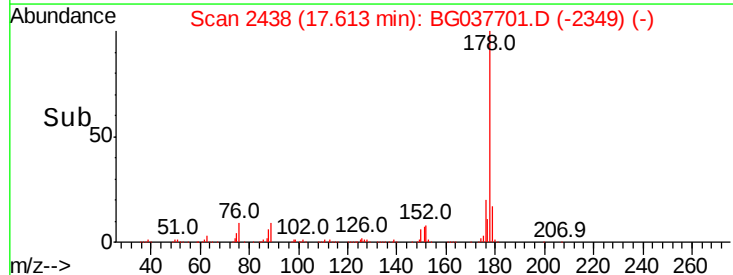
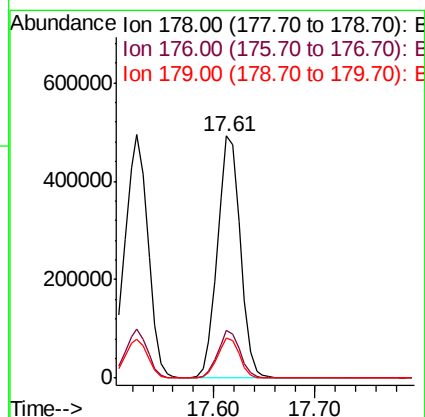
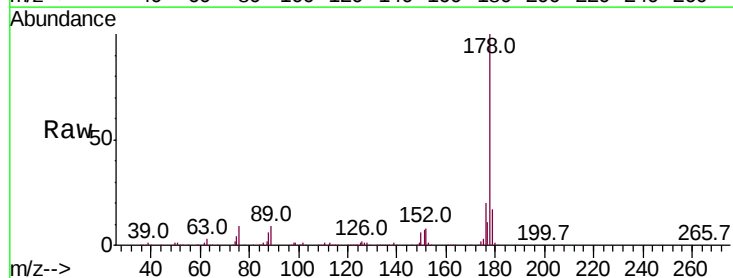
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

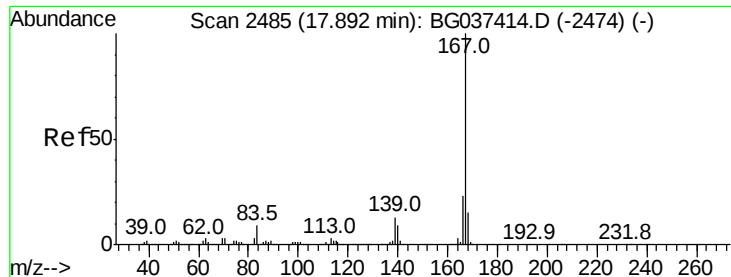
Tot Ion:178 Resp: 773906
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.1 13.0 19.4



#72
Anthracene
Concen: 40.694 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:178 Resp: 768270
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.6 12.8 19.2





#73

Carbazole

Concen: 41.122 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

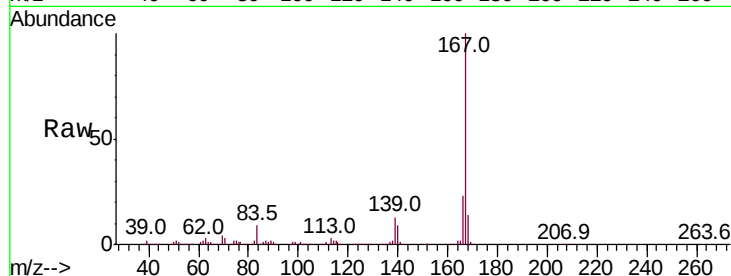
Tot Ion:167 Resp: 776592

Ion Ratio Lower Upper

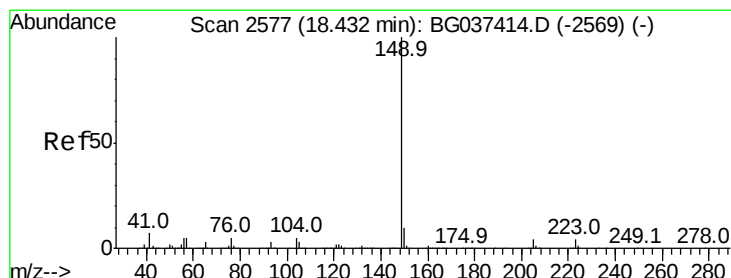
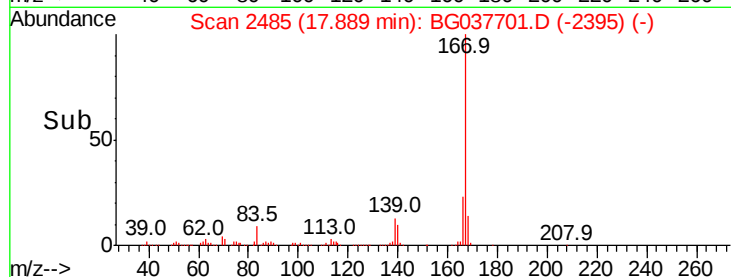
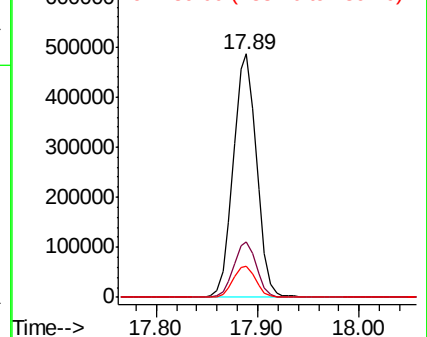
167 100

166 22.6 18.3 27.5

139 12.6 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: 42.385 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

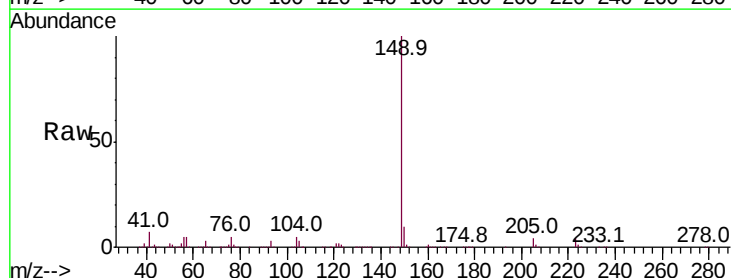
Tgt Ion:149 Resp: 890413

Ion Ratio Lower Upper

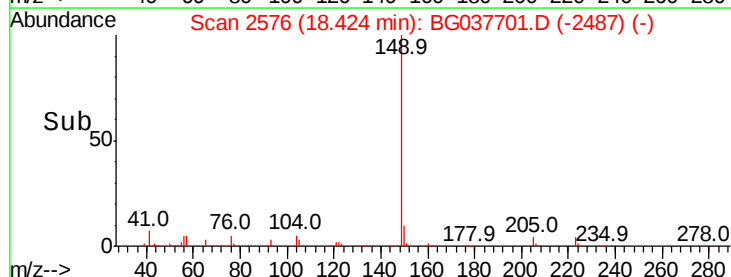
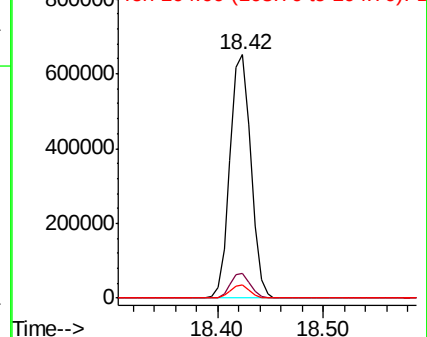
149 100

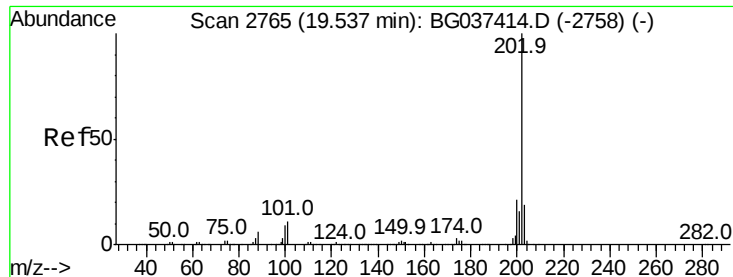
150 10.0 8.2 12.2

104 5.2 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: 40.551 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

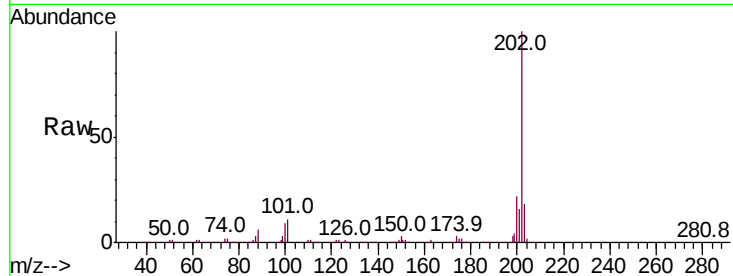
Tot Ion:202 Resp: 884802

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

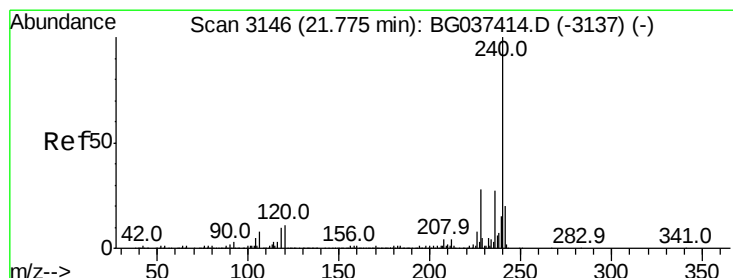
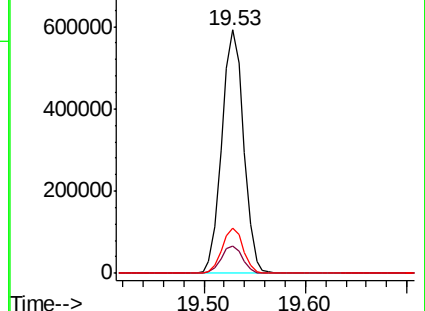
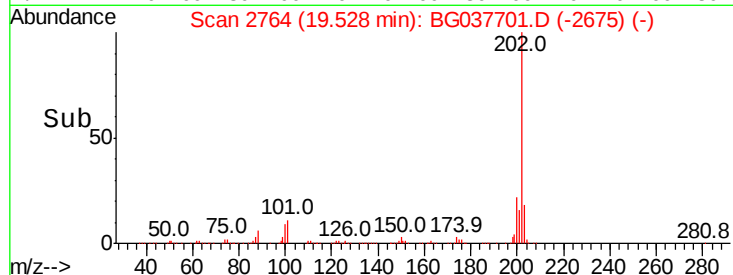
203 18.4 0.0 38.5



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: BG037701.D

Acq: 1 Nov 2018 3:27

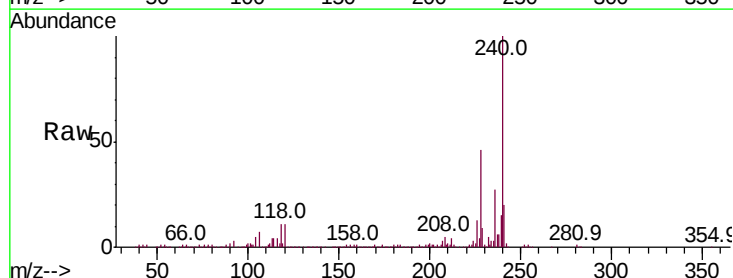
Tgt Ion:240 Resp: 339581

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

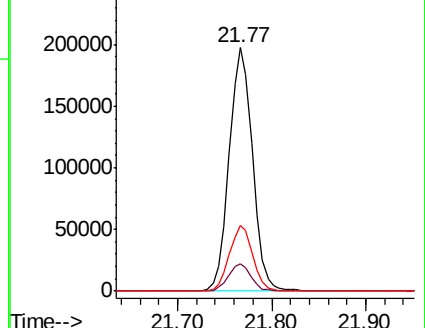
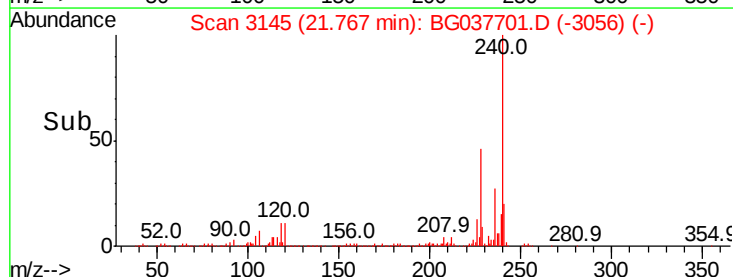
236 26.8 21.4 32.0

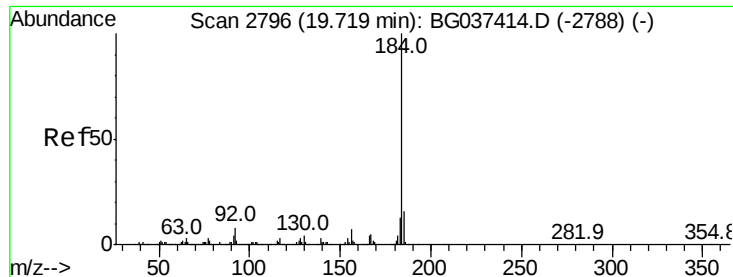


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.998 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

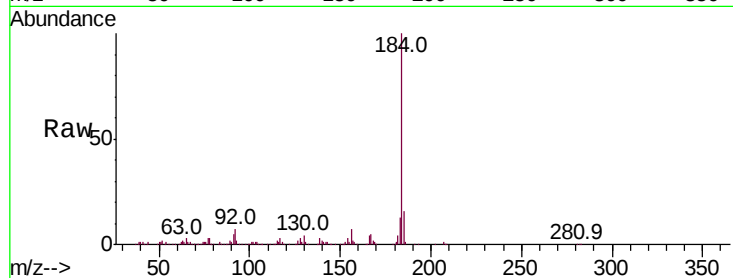
Tot Ion:184 Resp: 392558

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

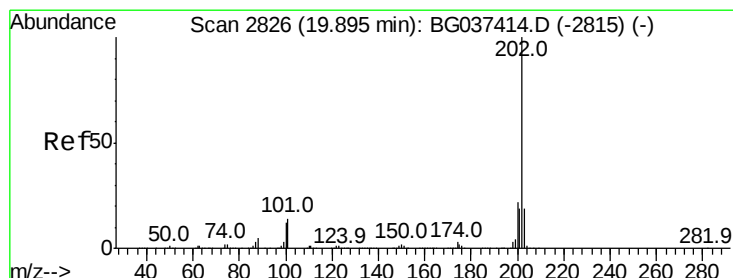
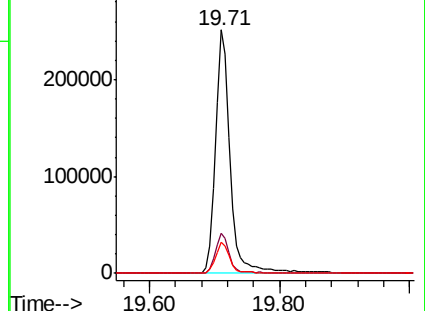
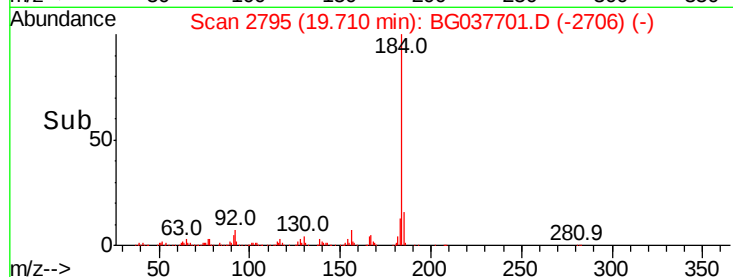
183 12.6 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.663 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

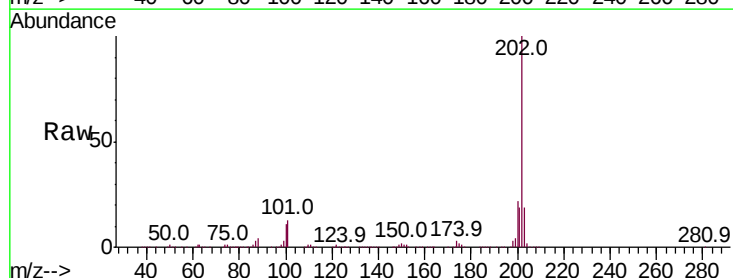
Tgt Ion:202 Resp: 902668

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

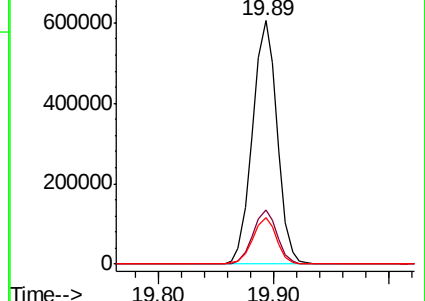
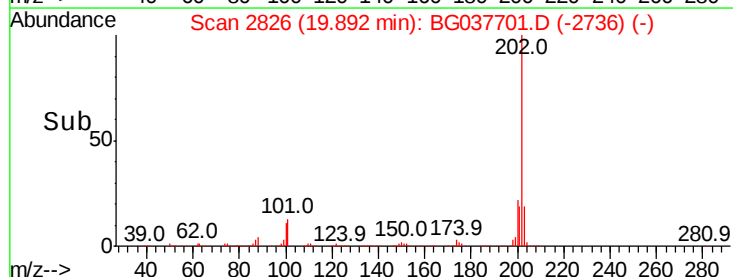
203 19.1 15.2 22.8

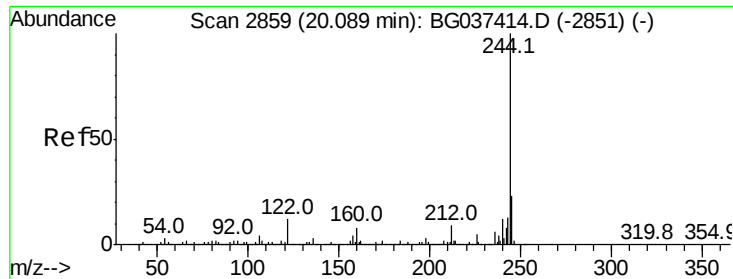


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.753 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

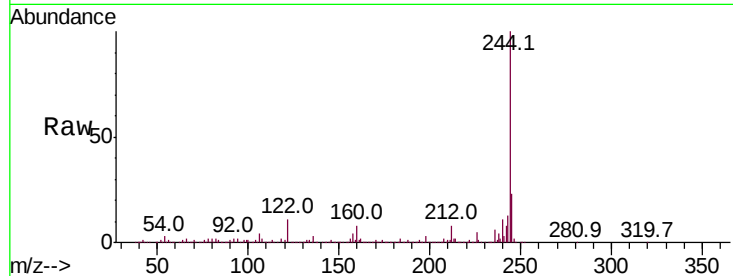
Tot Ion:244 Resp: 1299246

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

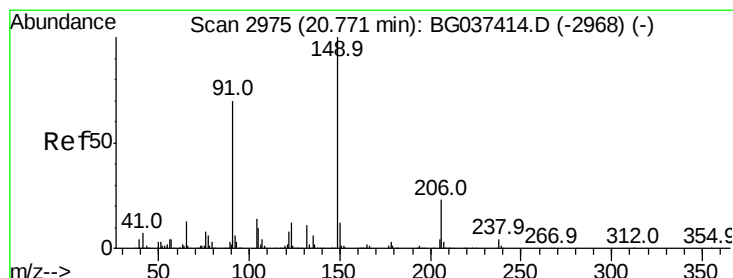
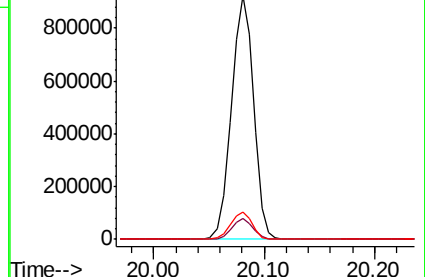
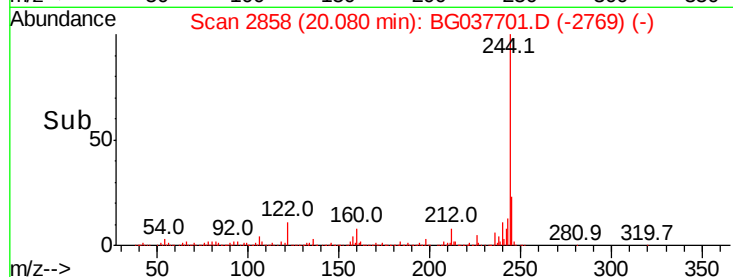
122 11.4 9.0 13.4



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: 44.042 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

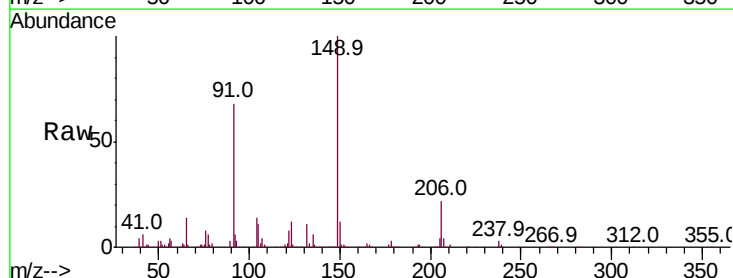
Tgt Ion:149 Resp: 400129

Ion Ratio Lower Upper

149 100

91 68.1 57.0 85.4

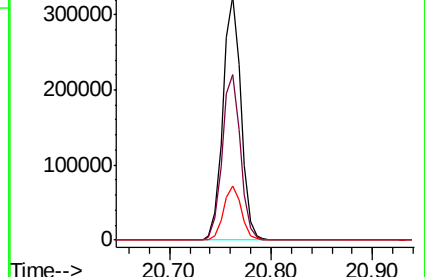
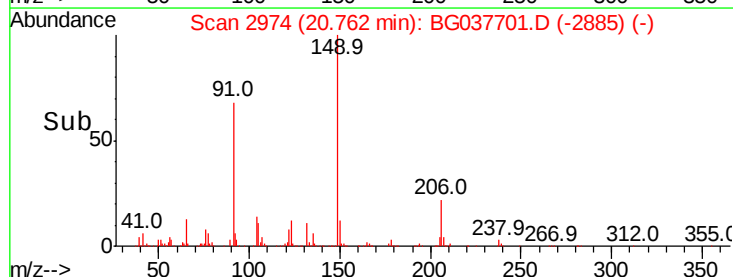
206 22.5 17.8 26.6

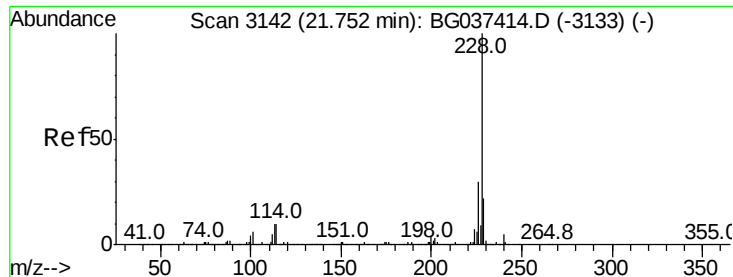


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

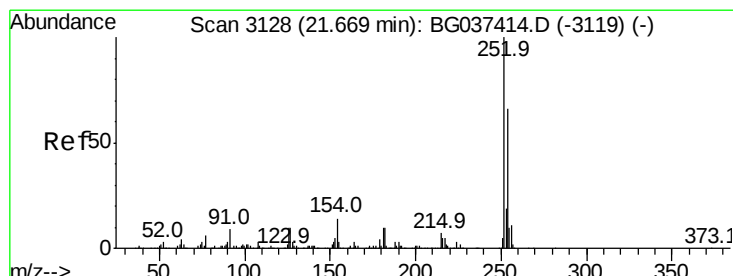
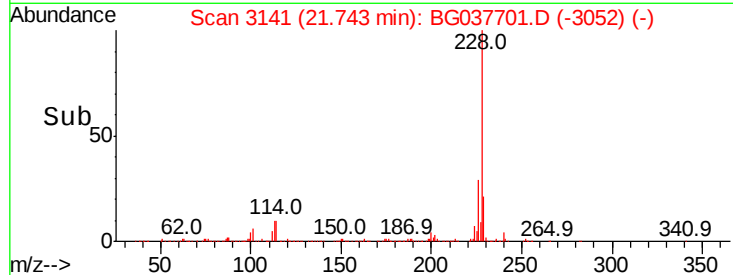
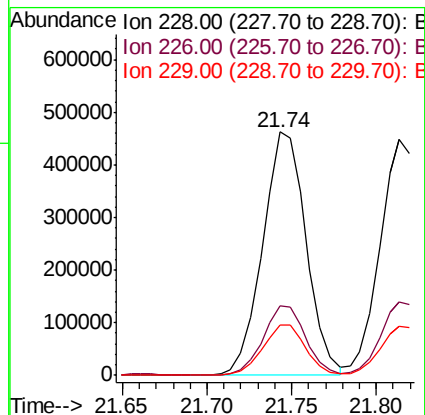
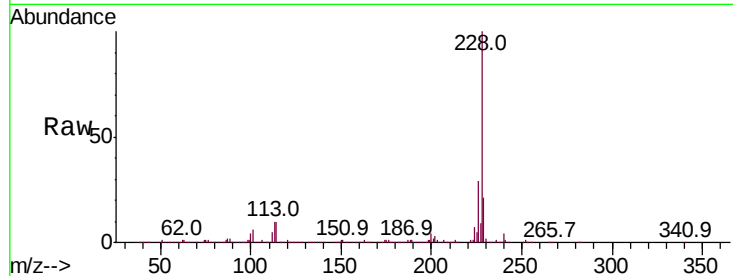




#81
Benzo(a)anthracene
Concen: 41.111 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

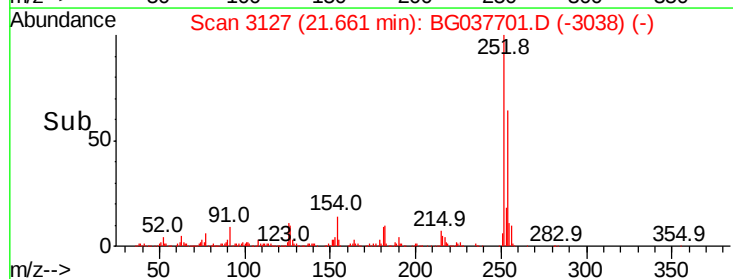
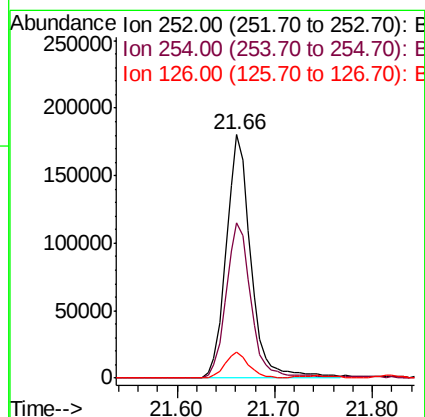
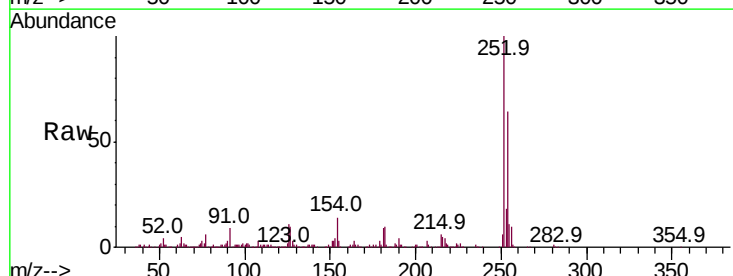
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

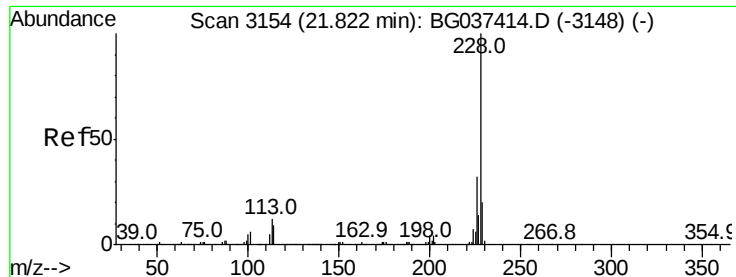
Tot Ion:228 Resp: 825743
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 40.518 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:252 Resp: 315447
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 10.7 8.2 12.4





#83

Chrysene

Concen: 41.285 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

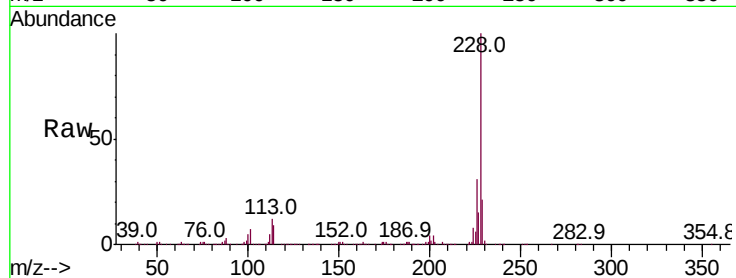
Tot Ion:228 Resp: 797377

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

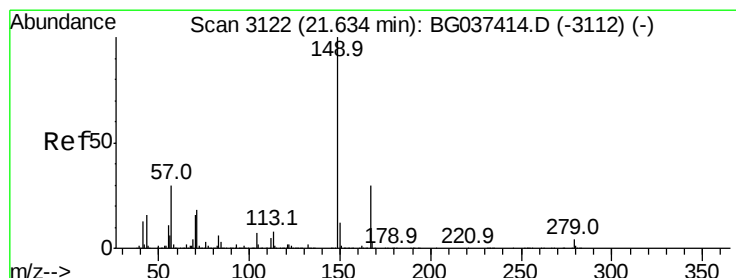
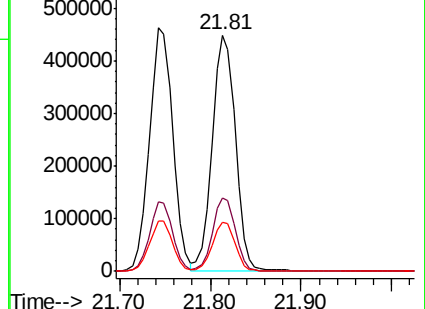
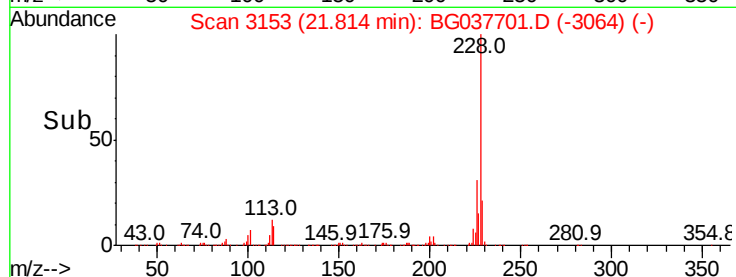
229 20.8 16.5 24.7



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: 44.408 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

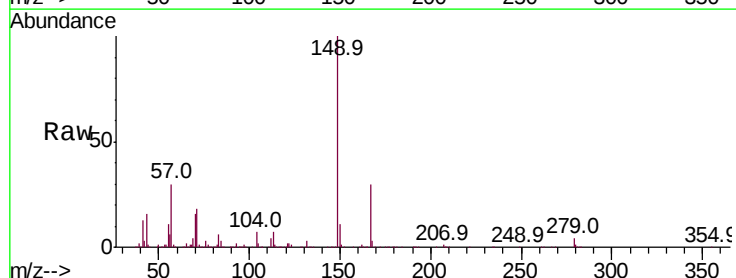
Tgt Ion:149 Resp: 565527

Ion Ratio Lower Upper

149 100

167 29.6 23.0 34.4

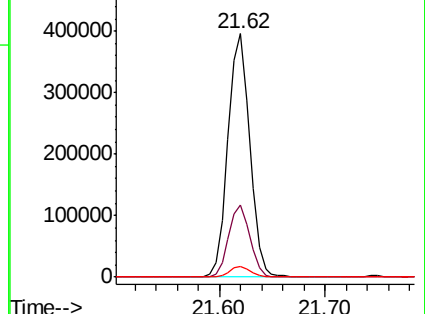
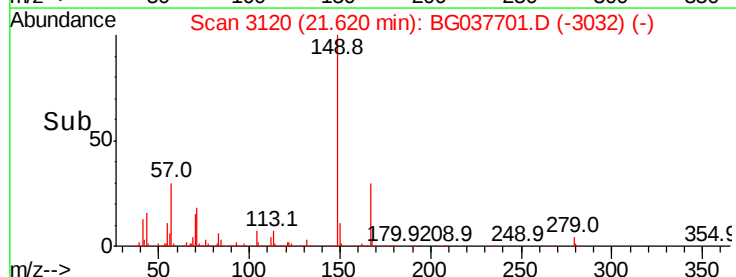
279 4.3 3.6 5.4

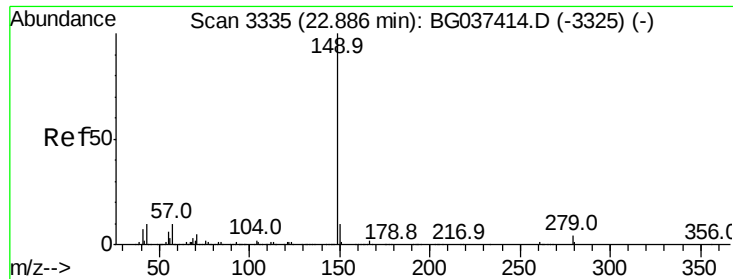


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

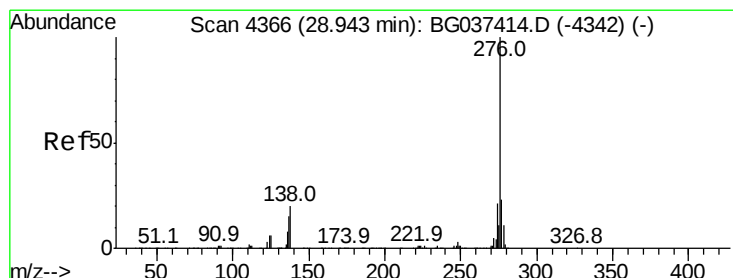
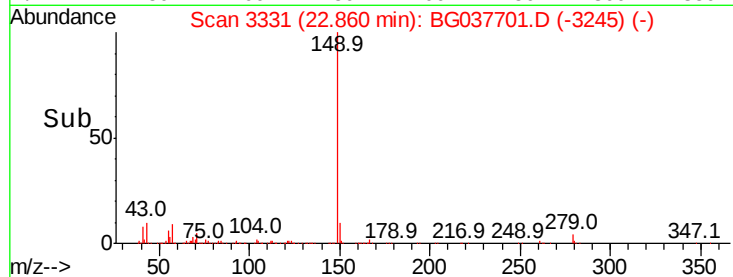
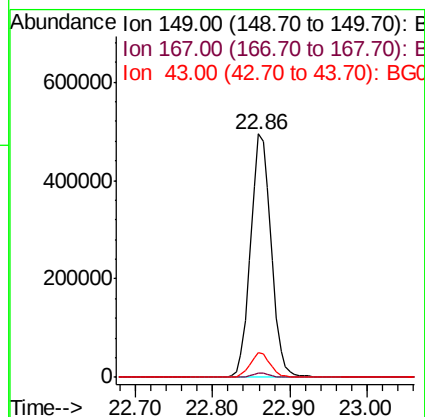
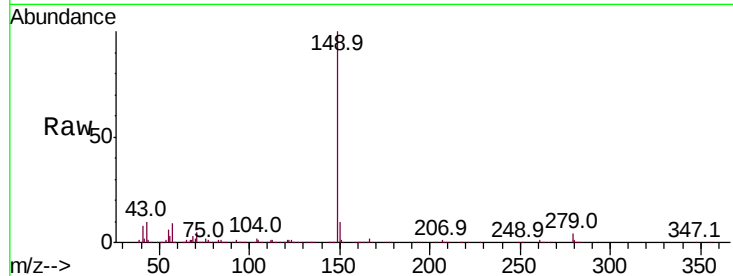




#85
Di-n-octyl phthalate
Concen: 44.762 ng
RT: 22.86 min Scan# 3331
Delta R.T. -0.03 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

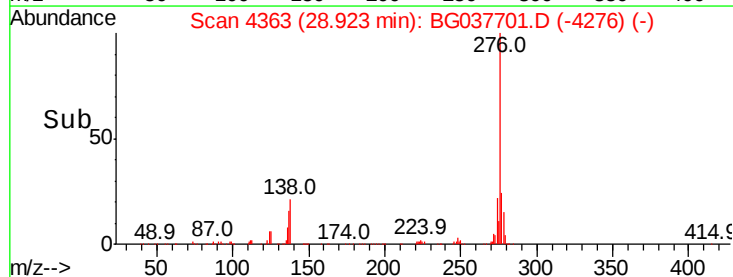
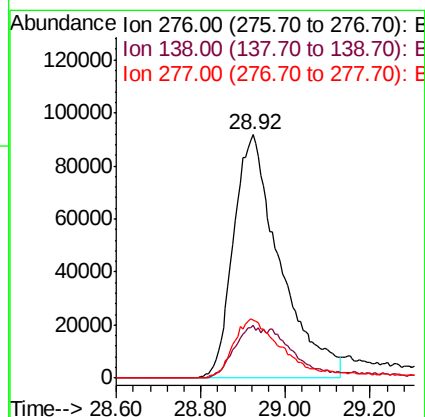
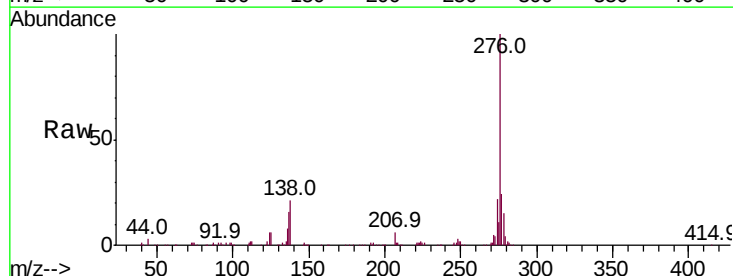
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

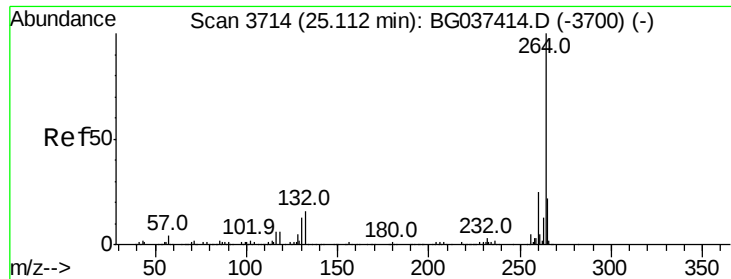
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.9	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.639 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.0	18.0
277	24.6	20.6	30.8



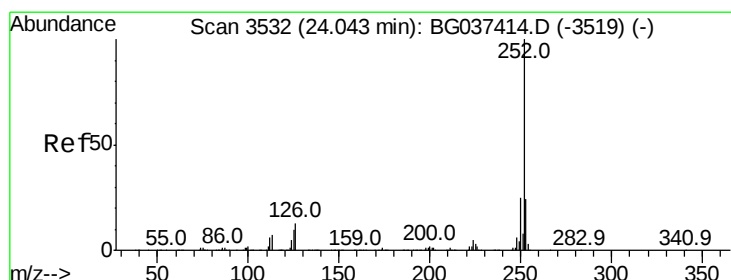
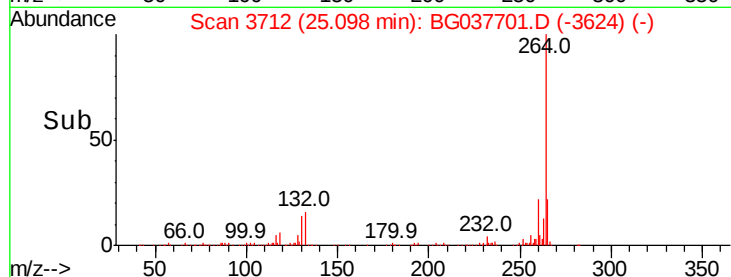
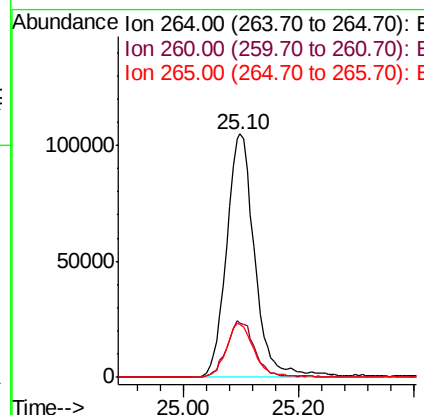
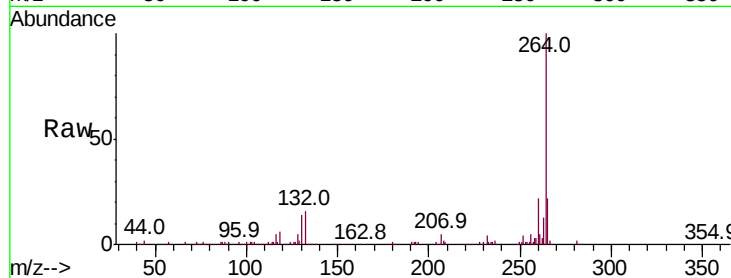


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 354225

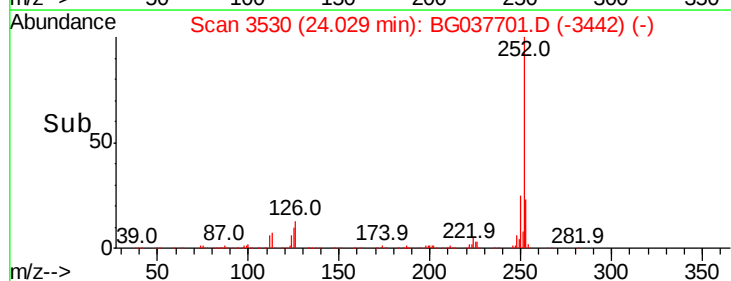
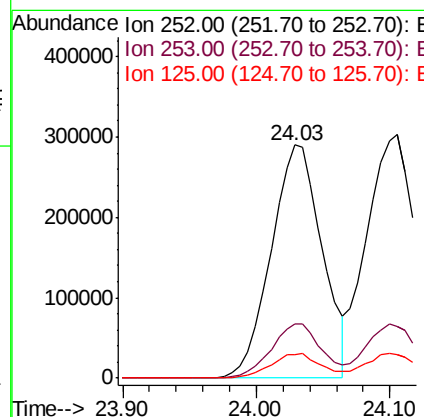
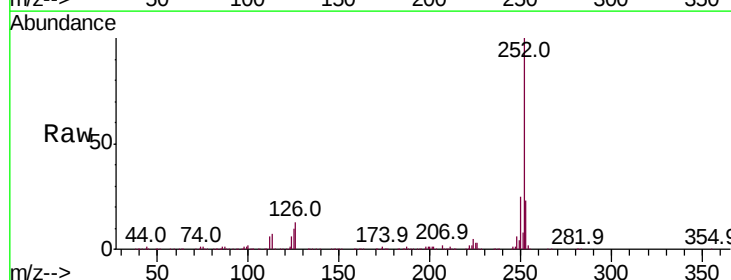
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	21.9	17.9	26.9

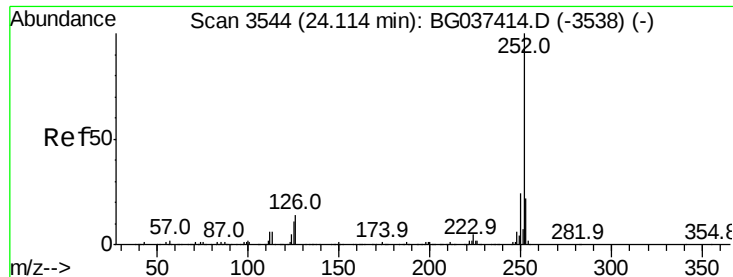


#88
Benzo(b)fluoranthene
Concen: 39.604 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:252 Resp: 769112

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.9	7.8	11.6

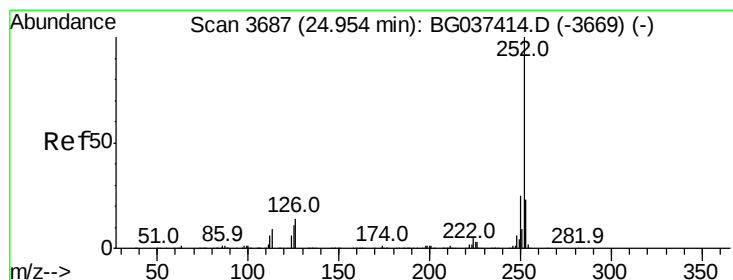
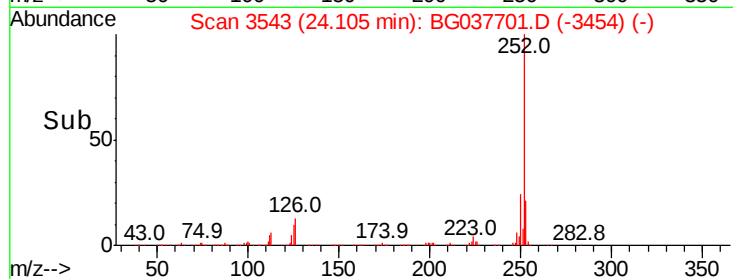
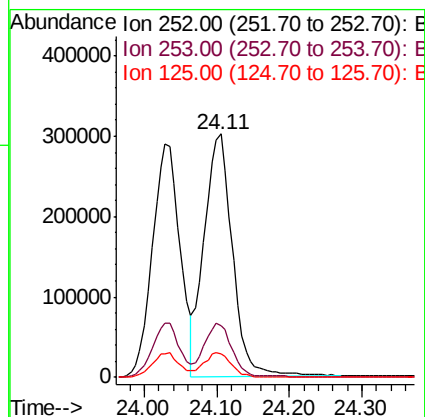
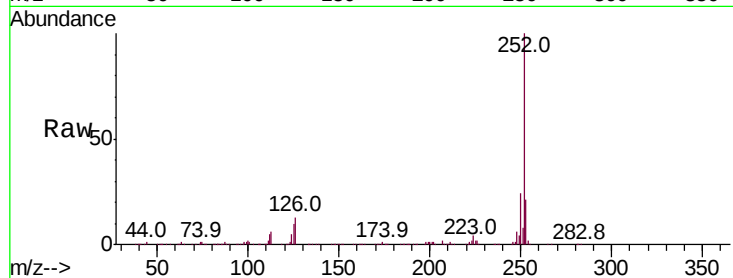




#89
Benzo(k)fluoranthene
Concen: 42.942 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

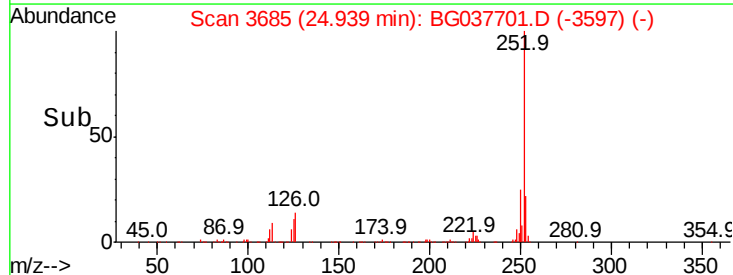
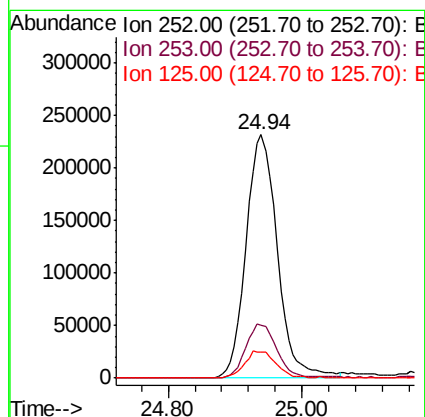
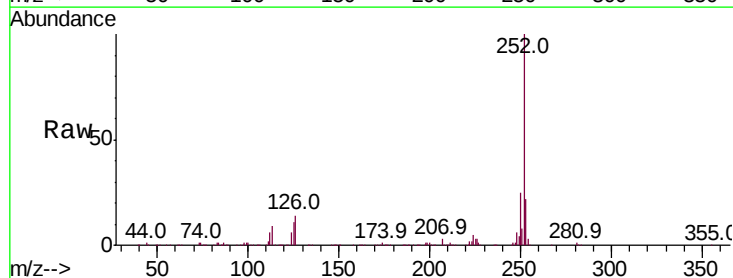
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

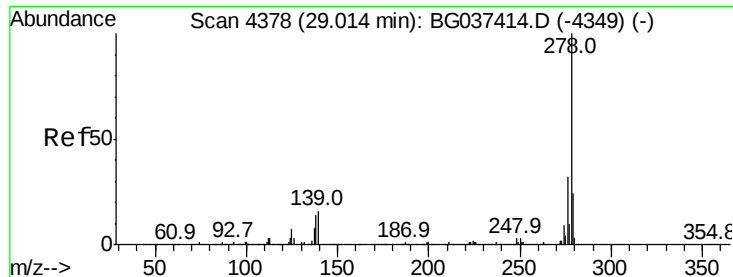
Tot Ion:252 Resp: 817026
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.315 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037701.D
Acq: 1 Nov 2018 3:27

Tgt Ion:252 Resp: 743959
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 31.659 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.03 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

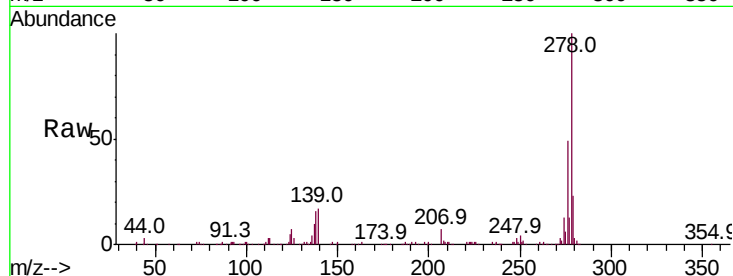
Tot Ion:278 Resp: 538894

Ion Ratio Lower Upper

278 100

139 17.4 11.5 17.3#

279 23.4 18.6 27.8

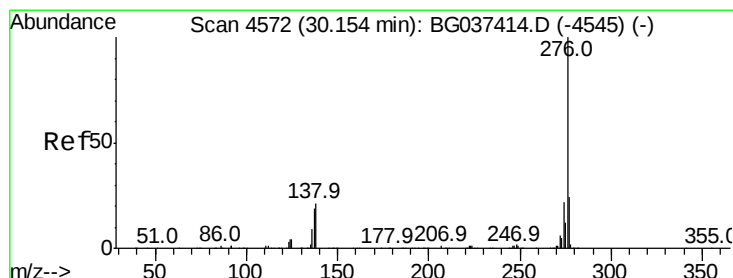
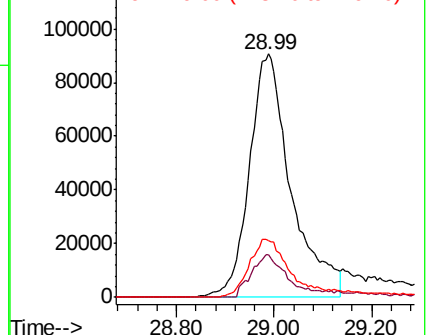
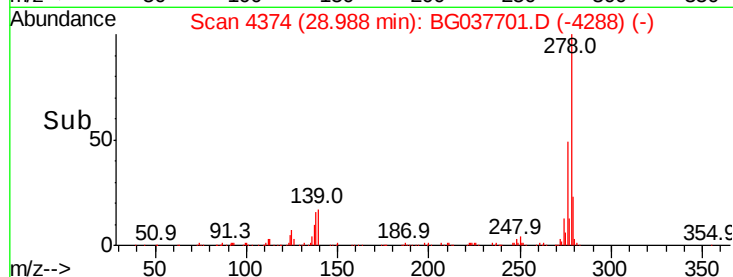


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.041 ng

RT: 30.12 min Scan# 4566

Delta R.T. -0.04 min

Lab File: BG037701.D

Acq: 1 Nov 2018 3:27

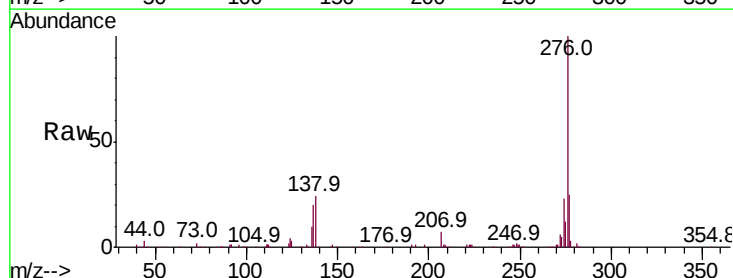
Tgt Ion:276 Resp: 551782

Ion Ratio Lower Upper

276 100

277 25.5 18.9 28.3

138 24.0 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

