

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040360.D
 Acq On : 4 Apr 2019 14:36
 Operator : JU/SJ
 Sample : PB118519BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 17:04:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 13:35:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63241	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	250404	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	156523	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	408689	20.00	ng	0.00
76) Chrysene-d12	21.70	240	457071	20.00	ng	0.00
87) Perylene-d12	24.97	264	453720	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	493885	129.83	ng	0.00
7) Phenol-d6	7.21	99	657091	124.98	ng	0.00
23) Nitrobenzene-d5	9.22	82	401483	85.22	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	261300	154.47	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	904847	85.66	ng	0.00
79) Terphenyl-d14	20.03	244	1589123	78.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	65238	36.471	ng	96
3) Pyridine	3.89	79	162311	33.701	ng	96
4) n-Nitrosodimethylamine	3.82	42	79050	35.483	ng	95
6) Aniline	7.38	93	186987	27.375	ng	99
8) 2-Chlorophenol	7.61	128	171687	38.554	ng	97
9) Benzaldehyde	7.19	77	110761	30.713	ng	96
10) Phenol	7.24	94	223769	39.213	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	168411	36.847	ng	97
12) 1,3-Dichlorobenzene	7.93	146	181101	37.411	ng	98
13) 1,4-Dichlorobenzene	8.08	146	182568	37.866	ng	98
14) 1,2-Dichlorobenzene	8.40	146	173594	37.650	ng	98
15) Benzyl Alcohol	8.29	79	151339	35.743	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	303964	34.652	ng	98
17) 2-Methylphenol	8.49	107	153302	38.823	ng	96
18) Hexachloroethane	9.13	117	66442	36.229	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	126639	33.596	ng	99
20) 3+4-Methylphenols	8.82	107	208791	39.031	ng	99
22) Acetophenone	8.87	105	253932	40.653	ng	97
24) Nitrobenzene	9.27	77	191251	39.204	ng	99
25) Isophorone	9.78	82	364372	37.591	ng	99
26) 2-Nitrophenol	9.97	139	95266	41.213	ng	95
27) 2,4-Dimethylphenol	10.02	122	172278	46.920	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	220710	38.487	ng	98
29) 2,4-Dichlorophenol	10.51	162	173349	43.496	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	177198	40.492	ng	97
31) Naphthalene	10.91	128	520850	40.580	ng	99
32) Benzoic acid	10.16	122	86054	38.790	ng	96
33) 4-Chloroaniline	11.03	127	128377	23.449	ng	99
34) Hexachlorobutadiene	11.17	225	107055	38.251	ng	97
35) Caprolactam	11.82	113	43872	27.739	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	196890	42.973	ng	95
37) 2-Methylnaphthalene	12.51	142	386425	40.708	ng	99
38) 1-Methylnaphthalene	12.73	142	370746	40.277	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	203600	40.926	ng	98

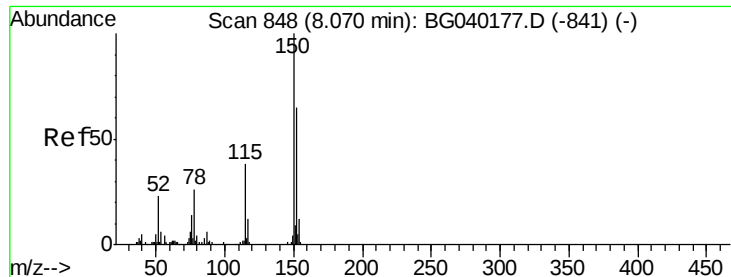
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	231730	84.835	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	145915	45.493	nq	95
44) 2,4,5-Trichlorophenol	13.19	196	152654	43.665	nq	98
46) 1,1'-Biphenyl	13.51	154	500184	40.444	nq	97
47) 2-Chloronaphthalene	13.56	162	386955	40.790	nq	98
48) 2-Nitroaniline	13.77	65	131961	41.239	nq	97
49) Acenaphthylene	14.41	152	643685	40.019	nq	98
50) Dimethylphthalate	14.13	163	503216	41.079	nq	99
51) 2,6-Dinitrotoluene	14.26	165	116946	42.517	nq	97
52) Acenaphthene	14.74	154	372541	40.421	nq	99
53) 3-Nitroaniline	14.60	138	85997	29.536	nq	99
54) 2,4-Dinitrophenol	14.80	184	140669	96.162	nq	99
55) Dibenzofuran	15.08	168	616045	41.598	nq	98
56) 4-Nitrophenol	14.90	139	221394	94.214	nq	98
57) 2,4-Dinitrotoluene	15.05	165	172787	45.209	nq	99
58) Fluorene	15.73	166	481901	41.388	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	146338	46.127	nq	92
60) Diethylphthalate	15.48	149	539714	43.055	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	259339	41.669	nq	98
62) 4-Nitroaniline	15.76	138	141090	45.154	nq	99
63) Azobenzene	16.00	77	486772	41.168	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	99039	43.134	nq	97
66) n-Nitrosodiphenylamine	15.93	169	467587	39.098	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	175289	38.113	nq	98
68) Hexachlorobenzene	16.72	284	182040	39.366	nq	96
69) Atrazine	16.87	200	176163	39.598	nq	99
70) Pentachlorophenol	17.07	266	227273	85.010	nq	98
71) Phenanthrene	17.47	178	869095	40.458	nq	99
72) Anthracene	17.56	178	891561	41.466	nq	99
73) Carbazole	17.83	167	874988	43.000	nq	99
74) Di-n-butylphthalate	18.36	149	1029799	42.695	nq	99
75) Fluoranthene	19.47	202	1125924	44.264	nq	98
77) Benzidine	19.66	184	515680	31.243	nq	98
78) Pyrene	19.84	202	1120982	37.295	nq	96
80) Butylbenzylphthalate	20.70	149	513669	39.937	nq	95
81) Benzo(a)anthracene	21.68	228	1087429	38.626	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	291122	27.183	nq	95
83) Chrysene	21.75	228	1064558	39.345	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	729467	39.675	nq	97
85) Di-n-octyl phthalate	22.76	149	1261719	40.278	nq	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1367365	41.320	nq	# 85
88) Benzo(b)fluoranthene	23.93	252	1193086	42.950	nq	98
89) Benzo(k)fluoranthene	24.00	252	1131176	44.281	nq	99
90) Benzo(a)pyrene	24.82	252	1160171	44.513	nq	98
91) Dibenzo(a,h)anthracene	28.80	278	1106184	45.698	nq	100
92) Benzo(g,h,i)perylene	29.93	276	1142176	45.913	nq	98

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

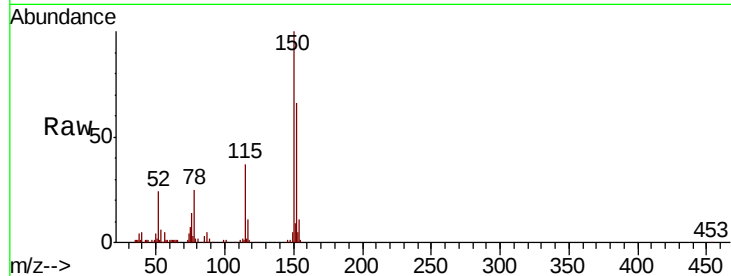


#1

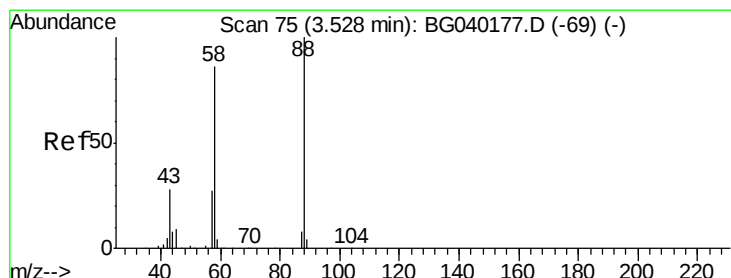
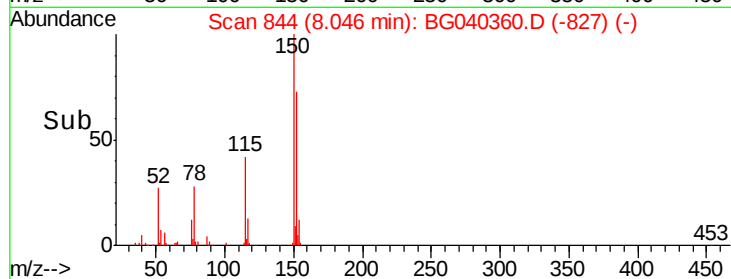
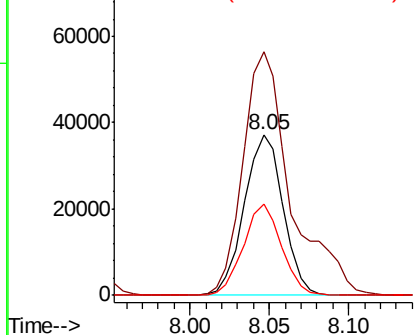
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63241
Ion Ratio Lower Upper
152 100
150 151.5 128.2 192.2
115 56.8 47.0 70.4



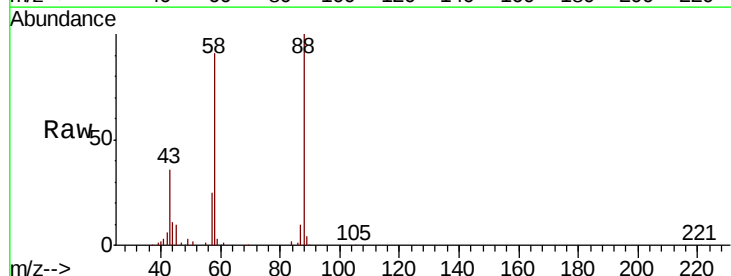
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



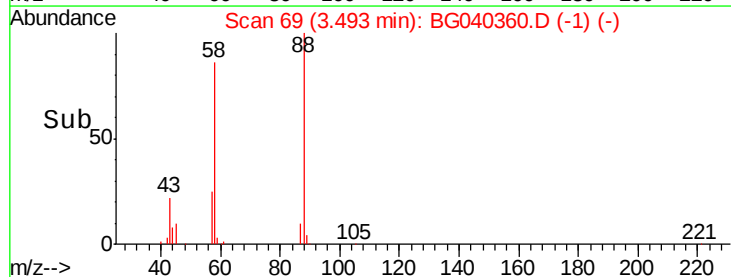
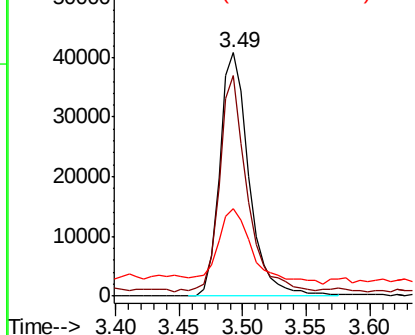
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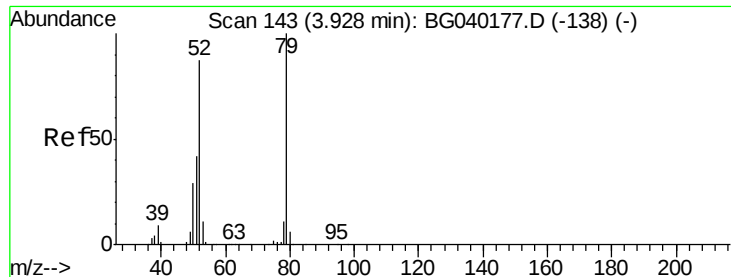
1,4-Dioxane
Concen: 36.471 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion: 88 Resp: 65238
Ion Ratio Lower Upper
88 100
58 84.8 68.9 103.3
43 36.3 24.6 36.8



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: 33.701 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

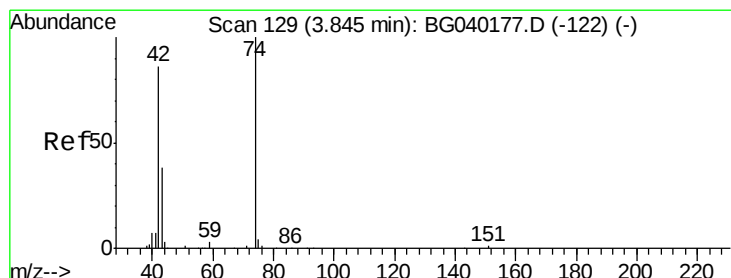
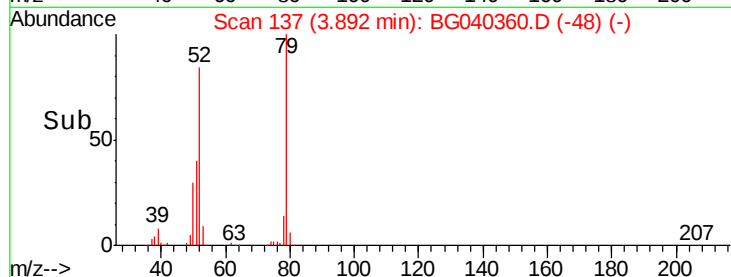
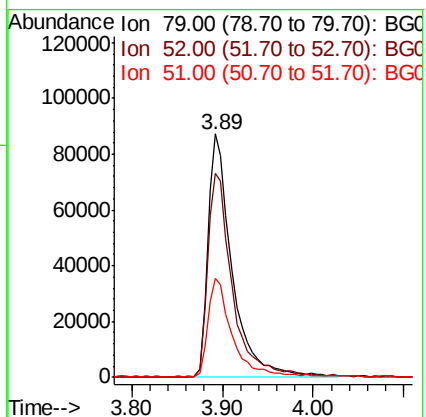
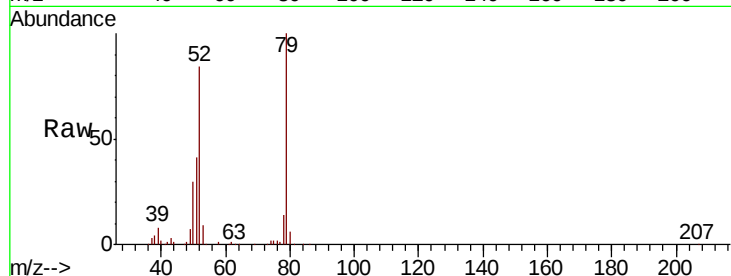
Tot Ion: 79 Resp: 162311

Ion Ratio Lower Upper

79 100

52 83.9 71.7 107.5

51 40.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.483 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

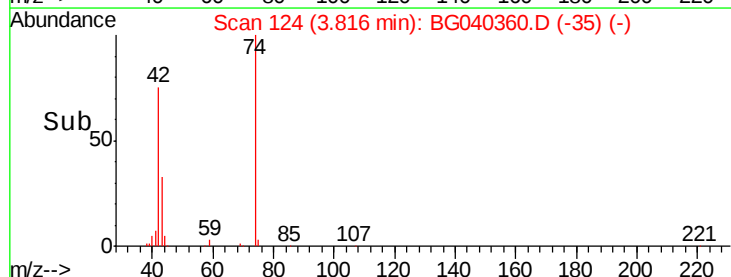
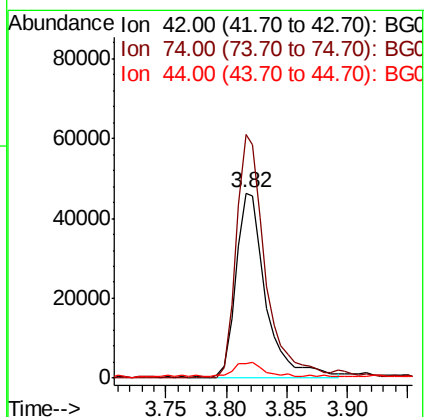
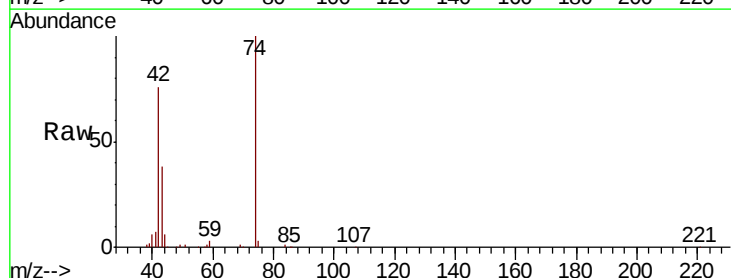
Tgt Ion: 42 Resp: 79050

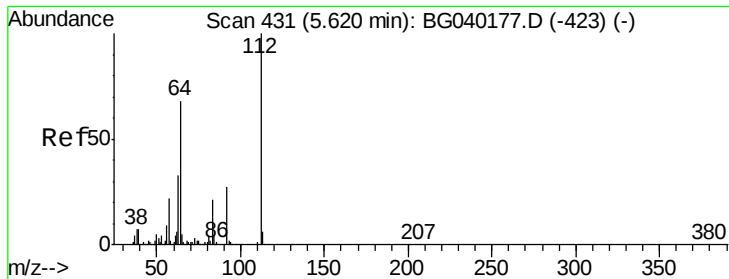
Ion Ratio Lower Upper

42 100

74 131.5 100.6 150.8

44 8.0 6.6 10.0





#5

2-Fluorophenol

Concen: 129.827 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG040360.D

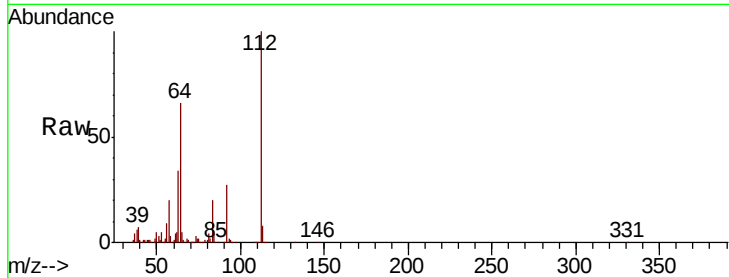
Acq: 4 Apr 2019 14:36

Instrument :

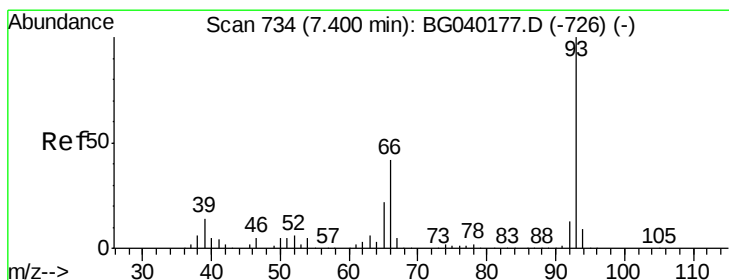
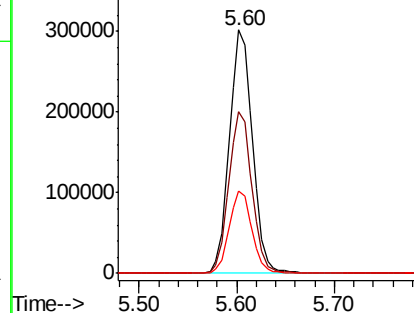
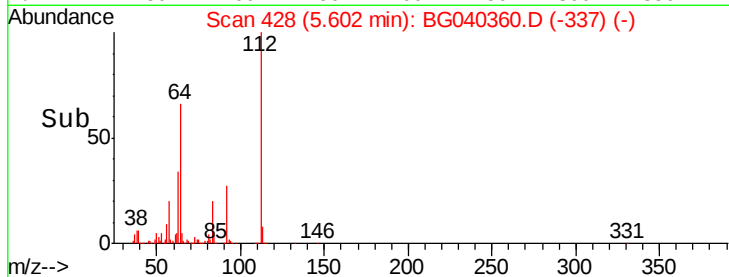
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	493885
Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.4	80.0
63	33.8	26.8	40.2



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: 27.375 ng

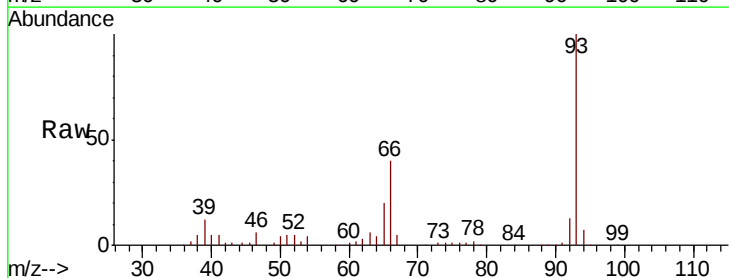
RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

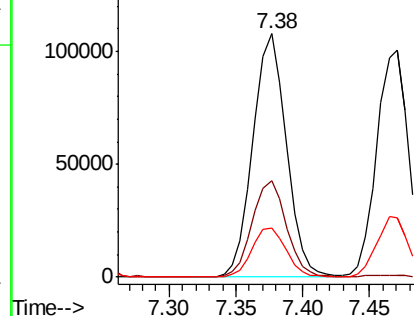
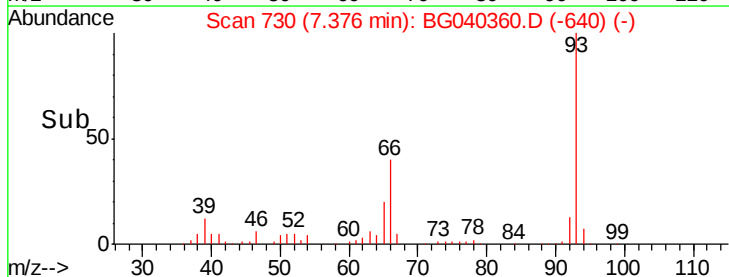
Lab File: BG040360.D

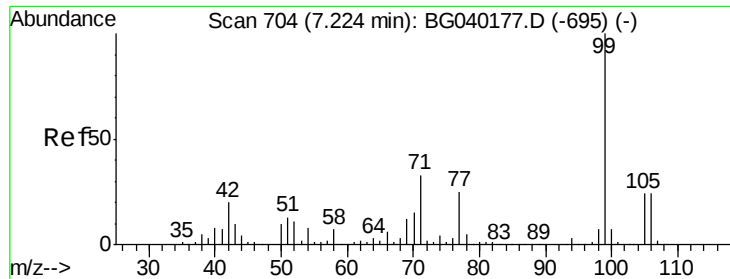
Acq: 4 Apr 2019 14:36

Tgt Ion:	93	Resp:	186987
Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.8	47.8
65	20.0	16.9	25.3



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: 124.983 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

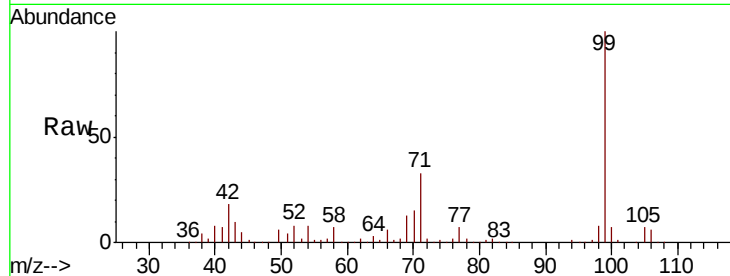
Tot Ion: 99 Resp: 657091

Ion Ratio Lower Upper

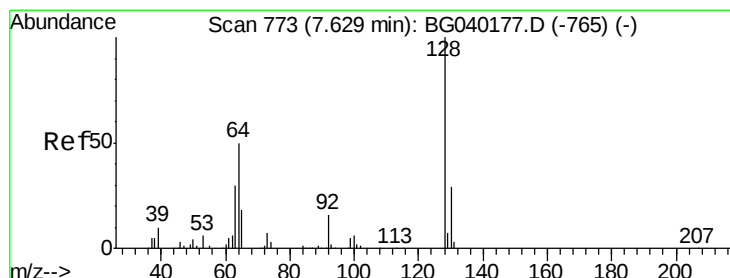
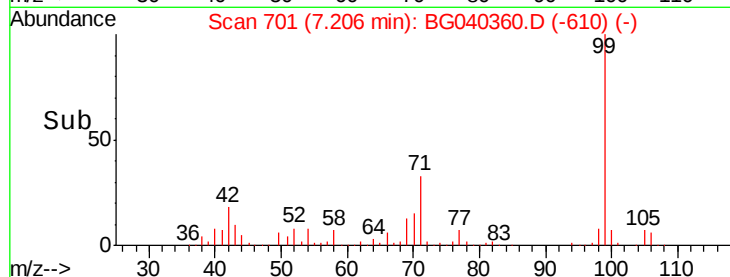
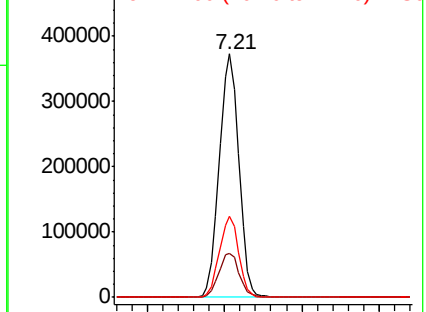
99 100

42 18.0 15.3 22.9

71 33.1 26.5 39.7



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: 38.554 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

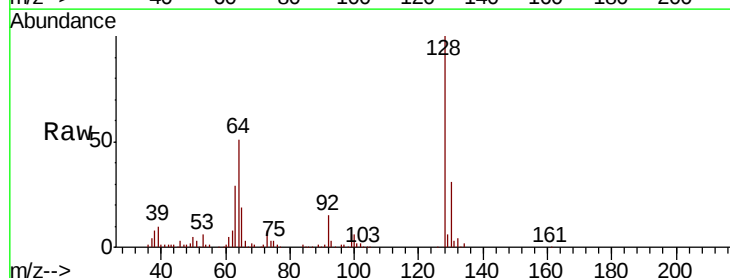
Tgt Ion: 128 Resp: 171687

Ion Ratio Lower Upper

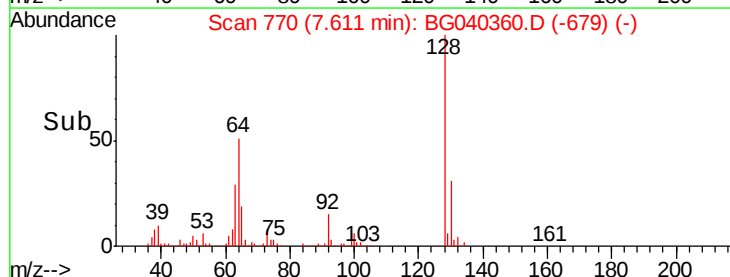
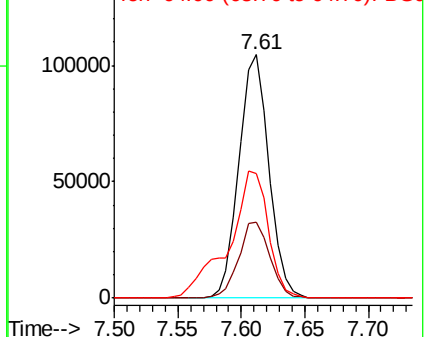
128 100

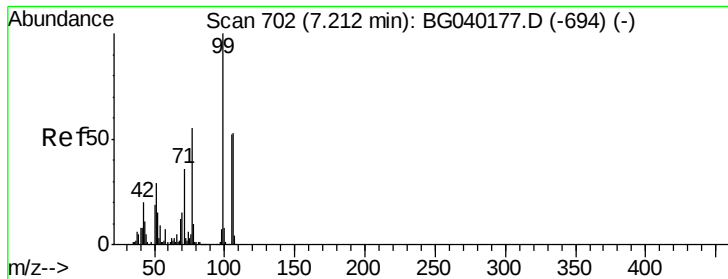
130 31.4 12.7 52.7

64 51.4 34.2 74.2



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: 30.713 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

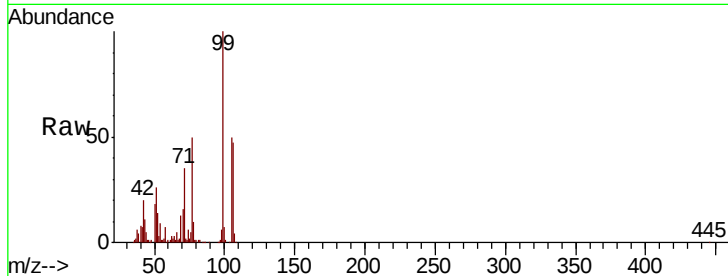
Tot Ion: 77 Resp: 110761

Ion Ratio Lower Upper

77 100

105 98.9 80.3 120.3

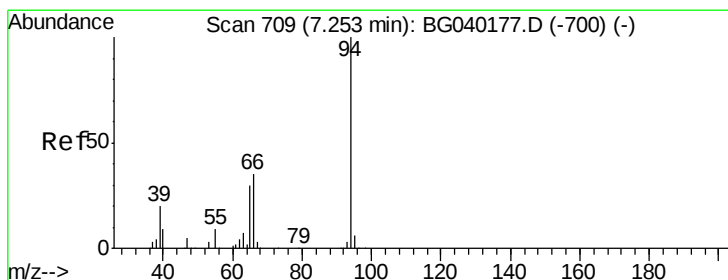
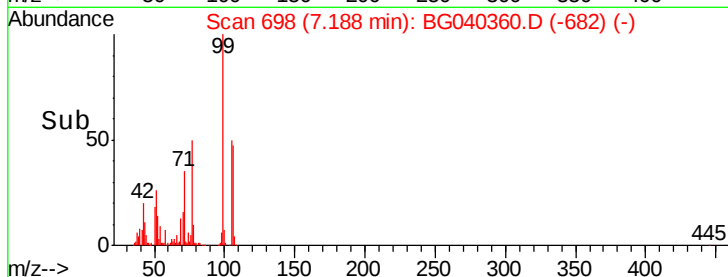
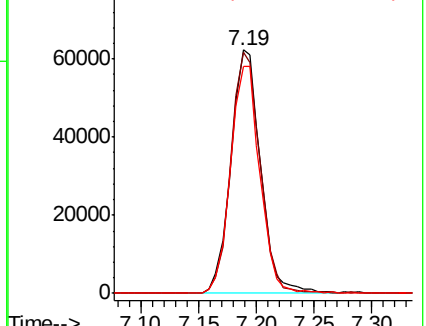
106 93.0 80.0 120.0



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: 39.213 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

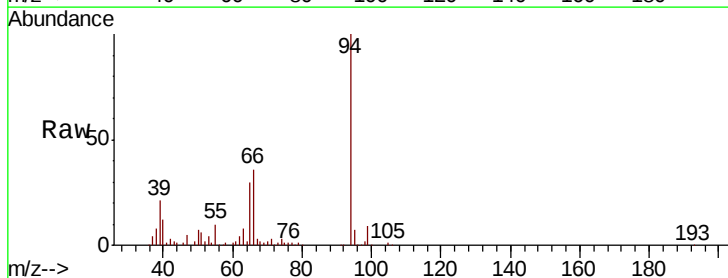
Tgt Ion: 94 Resp: 223769

Ion Ratio Lower Upper

94 100

65 29.9 10.2 50.2

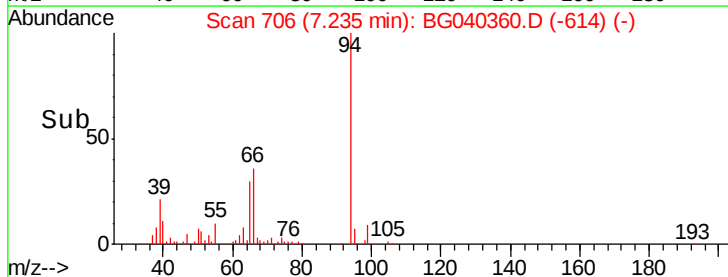
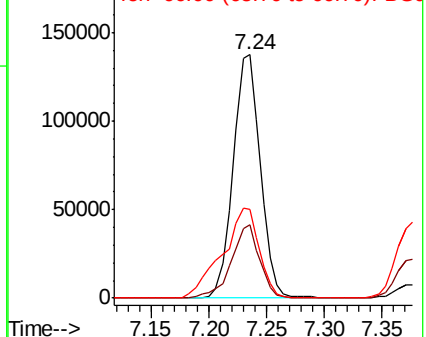
66 36.5 19.5 59.5

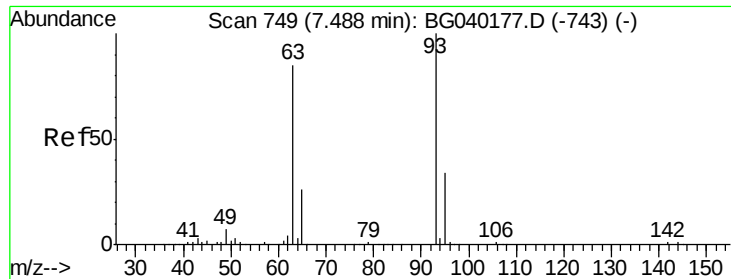


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

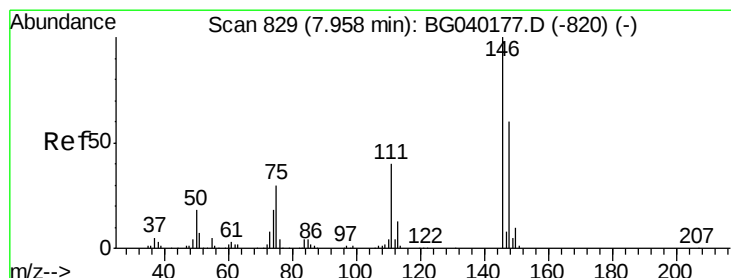
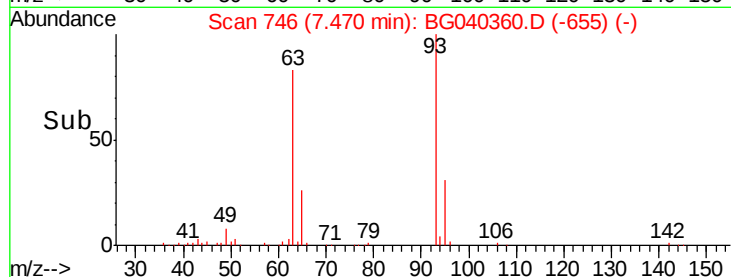
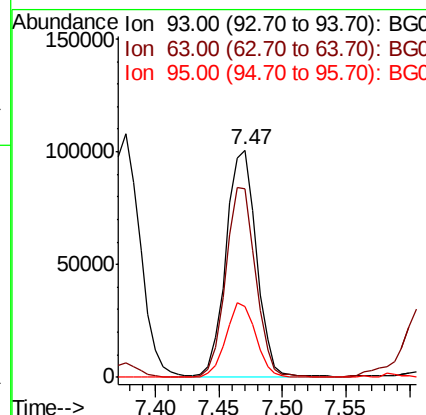
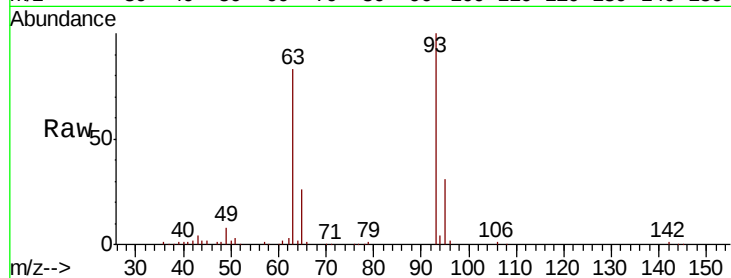




#11
bis(2-Chloroethyl)ether
Concen: 36.847 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

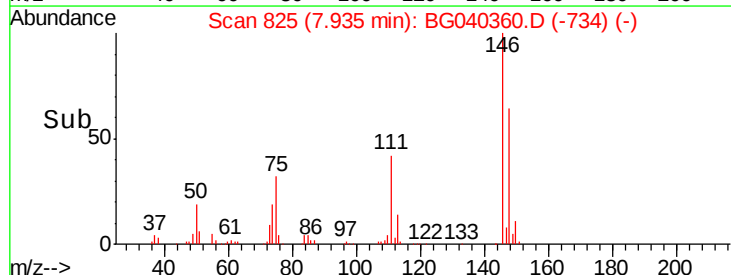
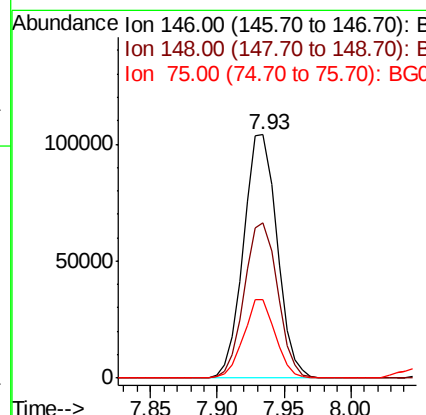
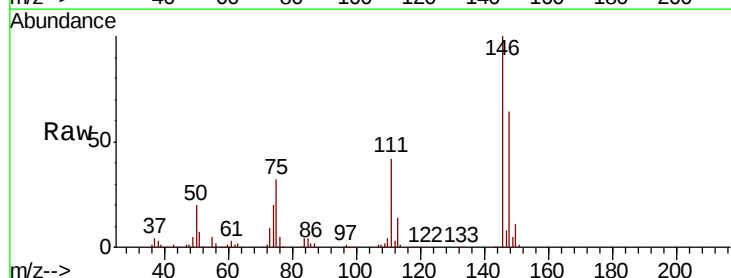
Instrument :
BNA_G
ClientSampled :

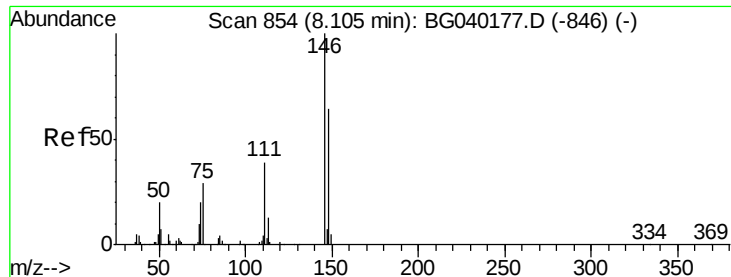
Tot Ion: 93 Resp: 168411
Ion Ratio Lower Upper
93 100
63 83.3 60.6 100.6
95 31.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.411 ng
RT: 7.93 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion: 146 Resp: 181101
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 32.1 24.1 36.1

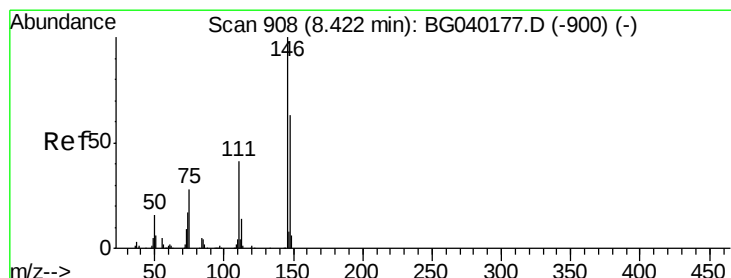
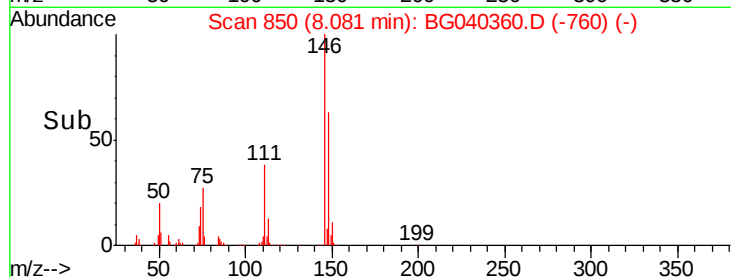
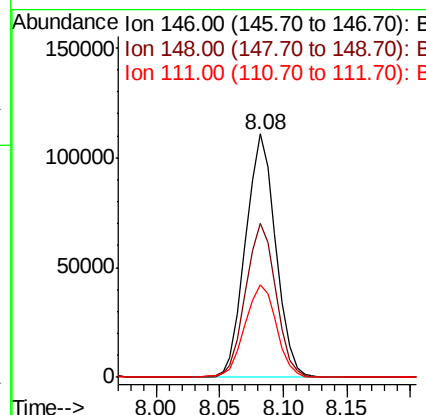
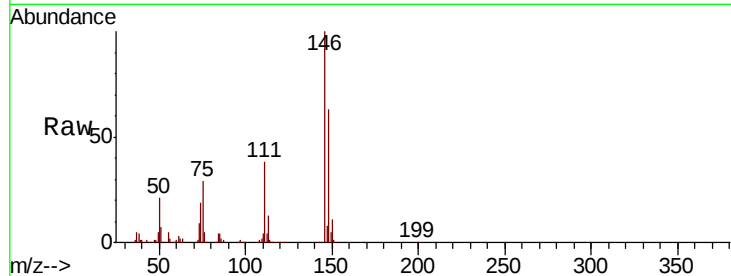




#13
 1,4-Dichlorobenzene
 Concen: 37.866 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

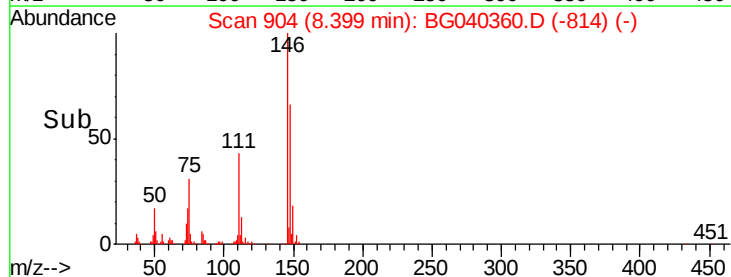
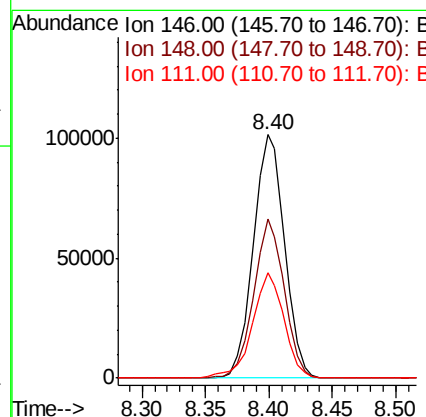
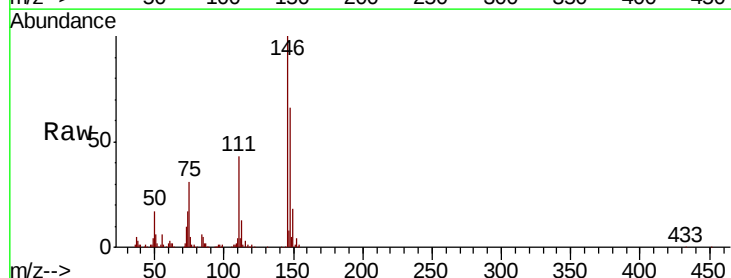
Instrument :
 BNA_G
 ClientSampled :

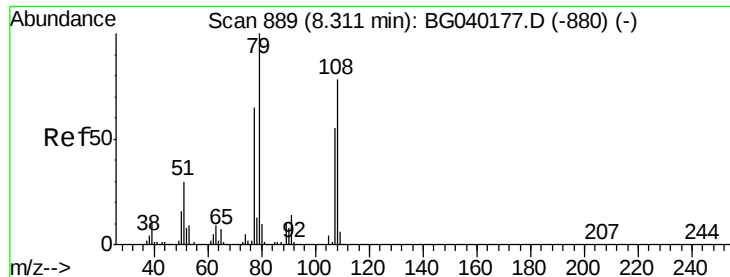
Tot Ion:146 Resp: 182568
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.0 76.6
 111 38.0 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 37.650 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion:146 Resp: 173594
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.8 77.8
 111 43.3 32.8 49.2





#15

Benzyl Alcohol

Concen: 35.743 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

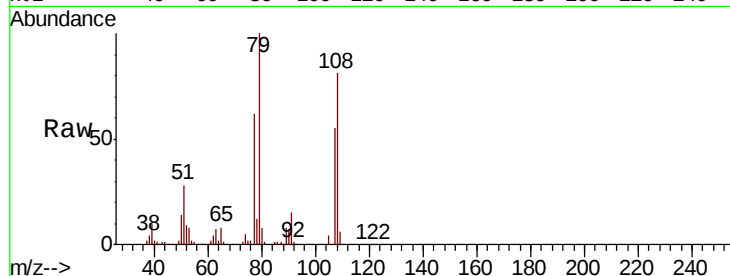
Tot Ion: 79 Resp: 151339

Ion Ratio Lower Upper

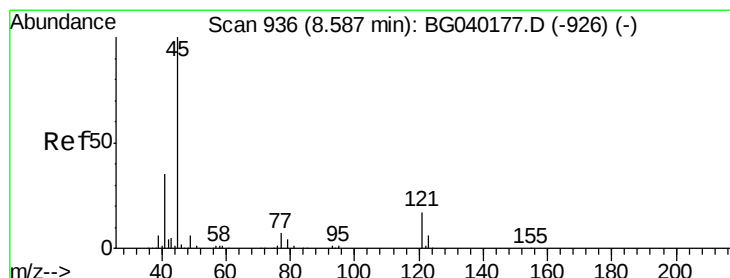
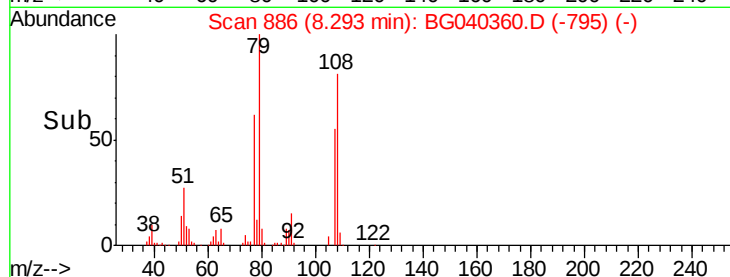
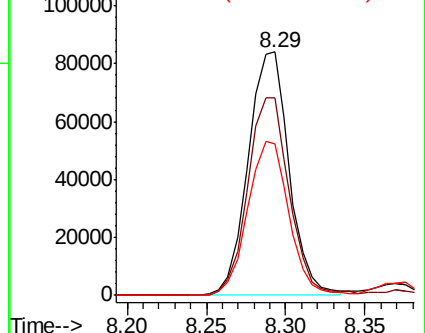
79 100

108 81.0 63.3 94.9

77 62.4 47.3 70.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.652 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

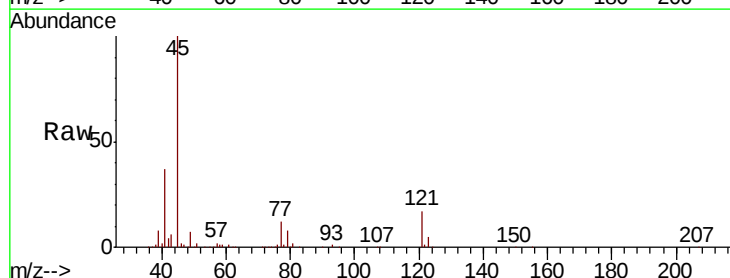
Tgt Ion: 45 Resp: 303964

Ion Ratio Lower Upper

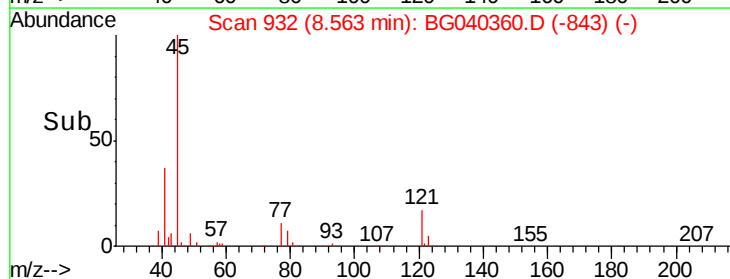
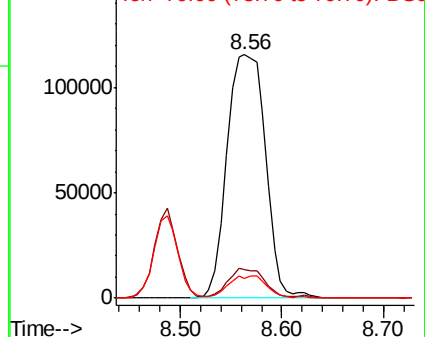
45 100

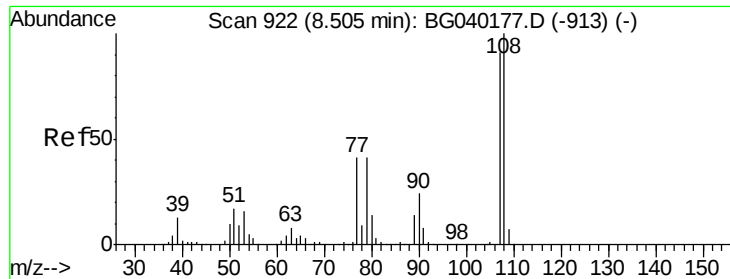
77 11.8 0.0 30.6

79 7.9 0.0 28.2



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

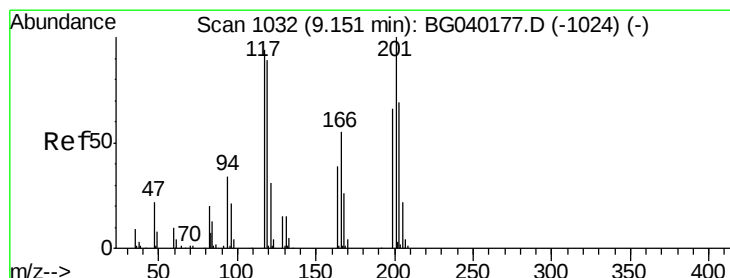
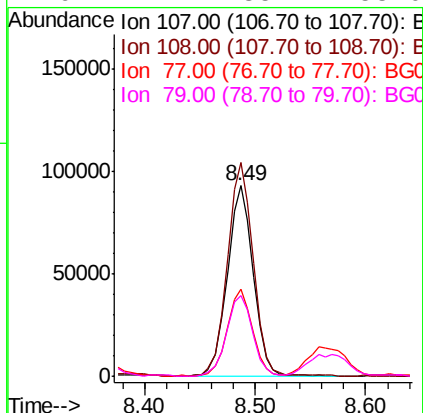
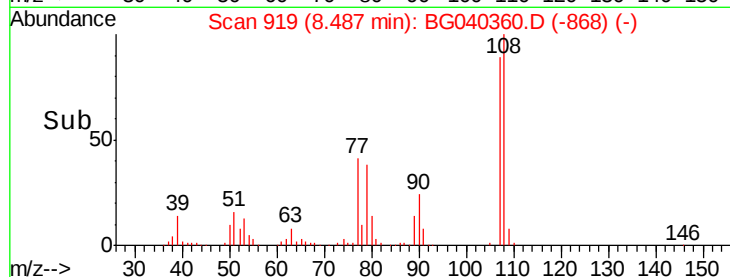
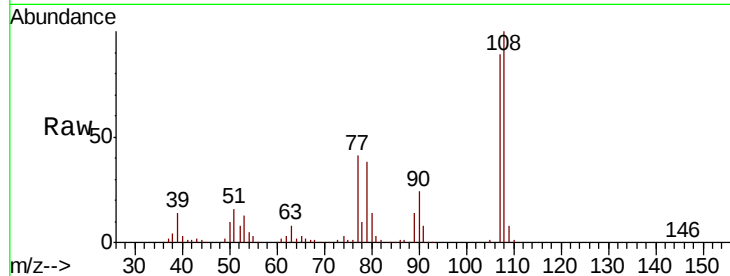




#17
2-Methylphenol
Concen: 38.823 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

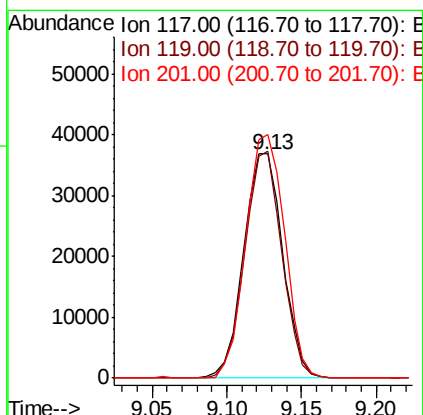
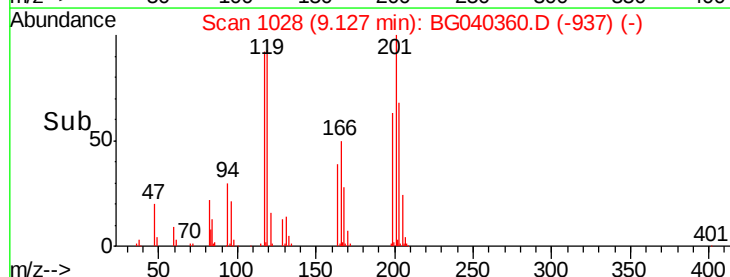
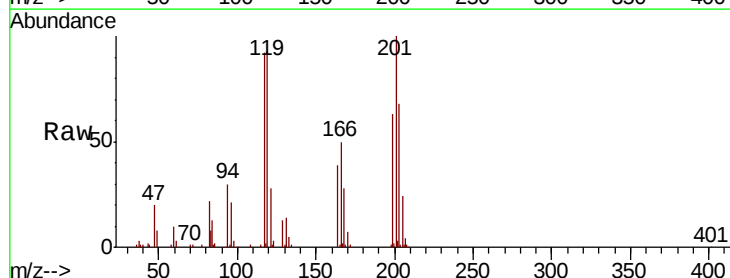
Instrument :
BNA_G
ClientSampleId :

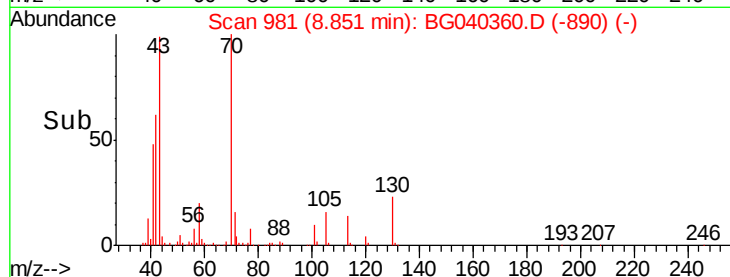
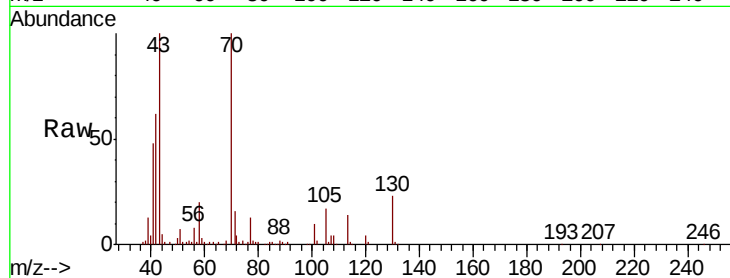
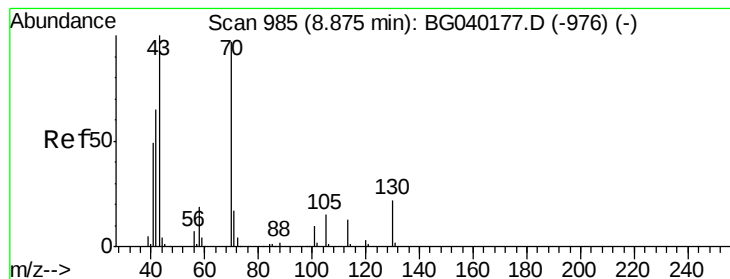
Tot Ion:107 Resp: 153302
Ion Ratio Lower Upper
107 100
108 112.2 93.3 139.9
77 45.7 38.0 57.0
79 42.2 35.4 53.0



#18
Hexachloroethane
Concen: 36.229 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:117 Resp: 66442
Ion Ratio Lower Upper
117 100
119 101.0 72.9 109.3
201 108.5 83.8 125.8





#19

n-Nitroso-di-n-propylamine

Concen: 33.596 ng

RT: 8.85 min Scan# 981

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 126639

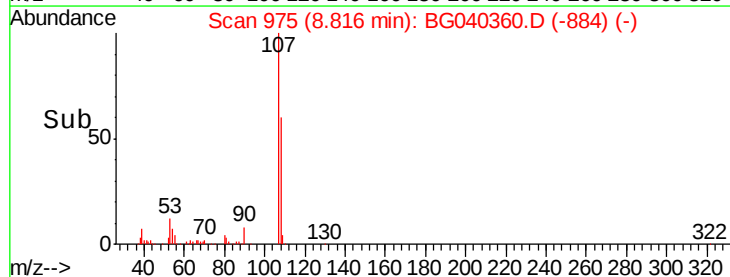
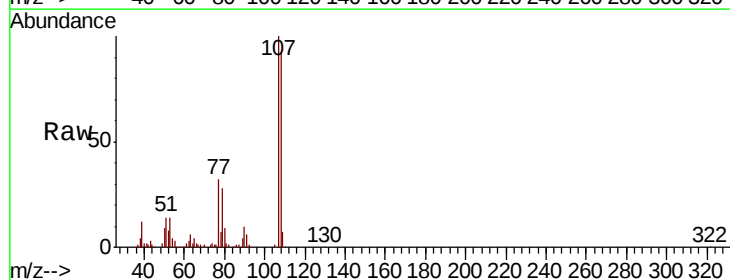
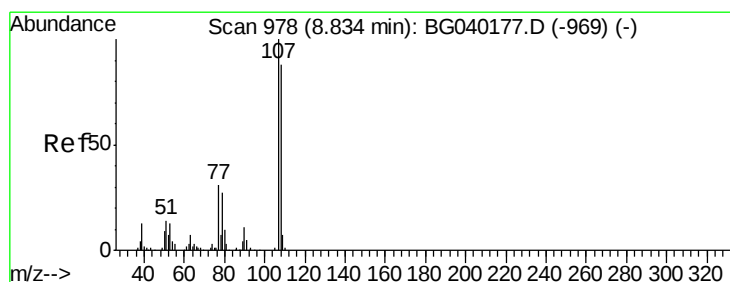
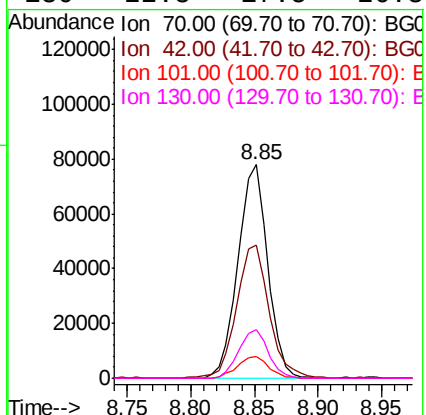
Ion Ratio Lower Upper

70 100

42 62.1 50.5 75.7

101 10.4 8.6 12.8

130 22.8 17.5 26.3



#20

3+4-Methylphenols

Concen: 39.031 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Tgt Ion:107 Resp: 208791

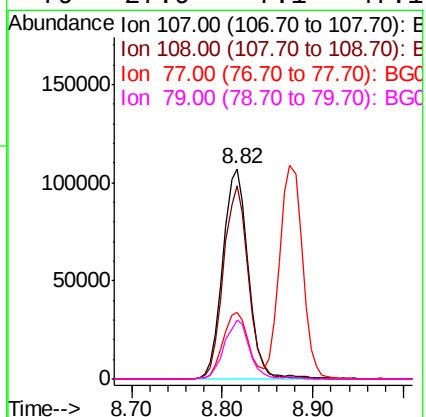
Ion Ratio Lower Upper

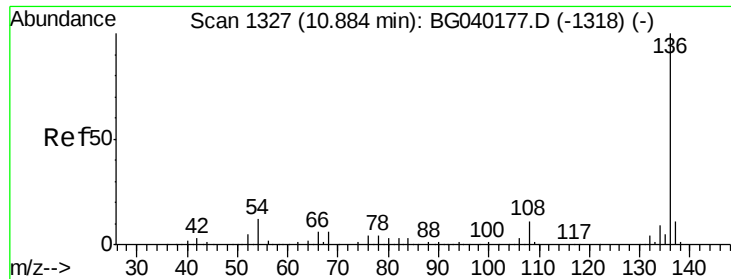
107 100

108 92.2 71.3 111.3

77 31.8 11.7 51.7

79 27.9 7.1 47.1

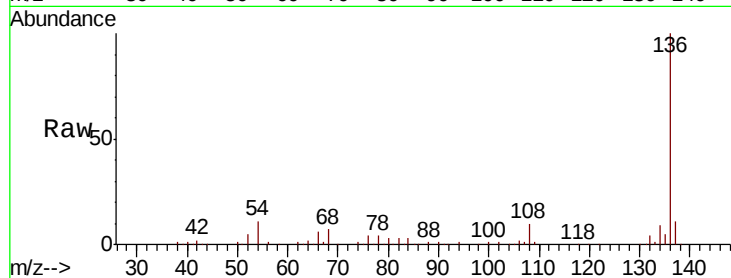




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	250404
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 12.8
54	10.6	9.1 13.7
68	6.8	5.2 7.8



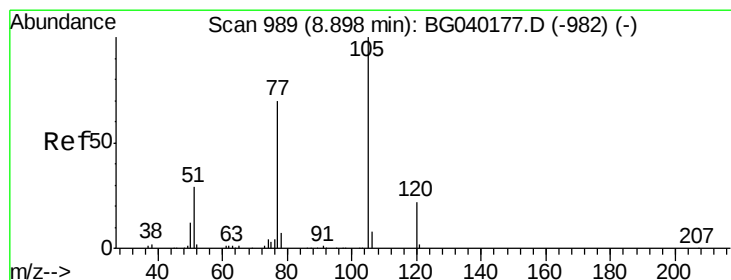
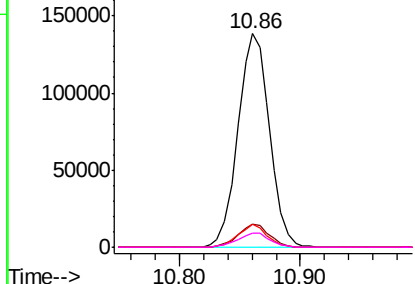
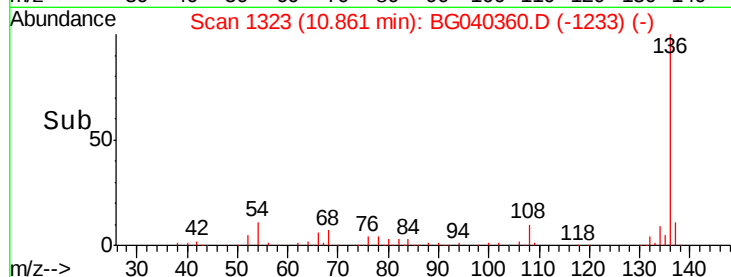
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

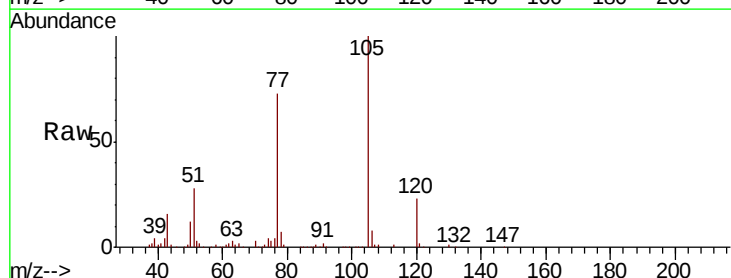
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 40.653 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:105	Resp:	253932
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.3 0.5
51	28.1	24.2 36.2
120	23.5	19.2 28.8



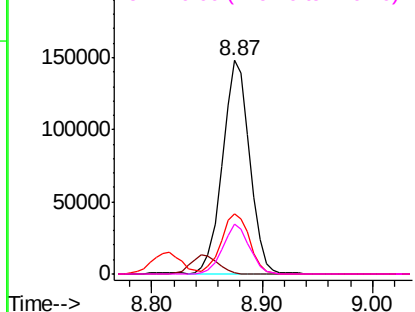
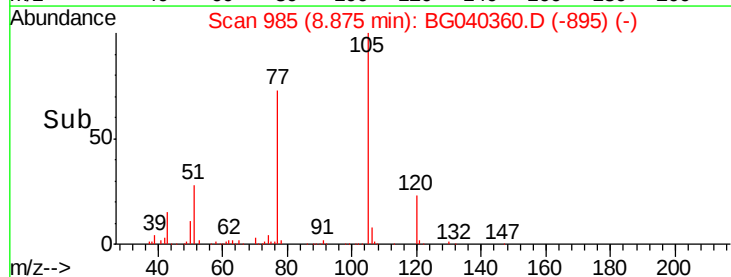
Abundance

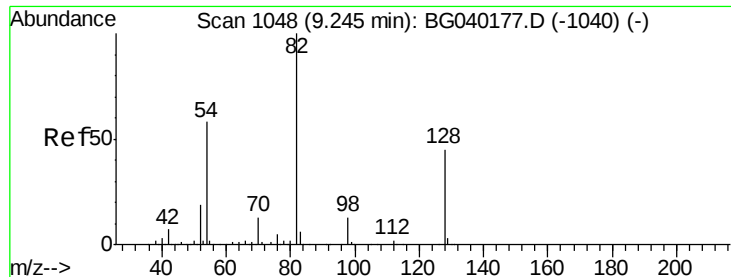
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

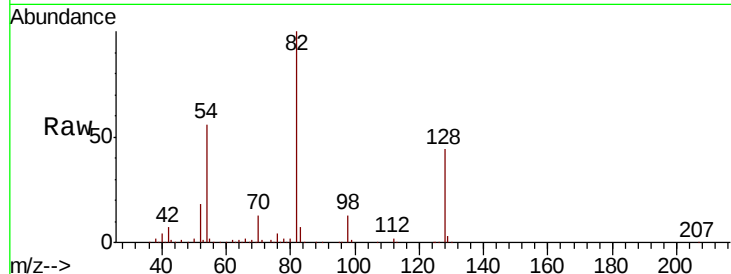




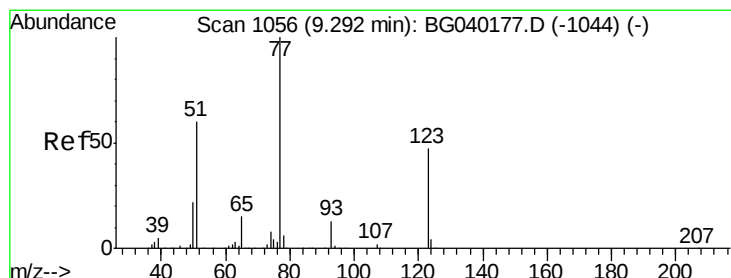
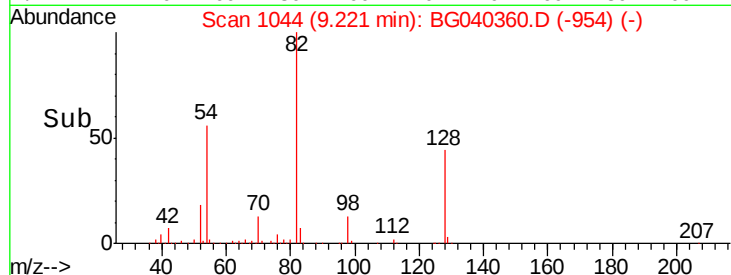
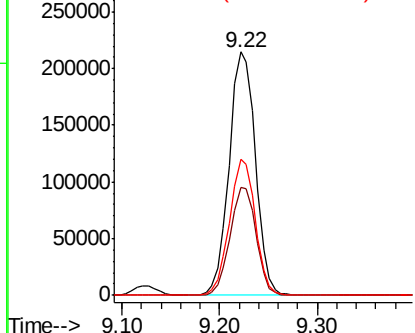
#23
 Nitrobenzene-d5
 Concen: 85.223 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	401483
Ion Ratio	100	Lower	Upper
128	44.1	35.1	52.7
54	55.8	43.2	64.8

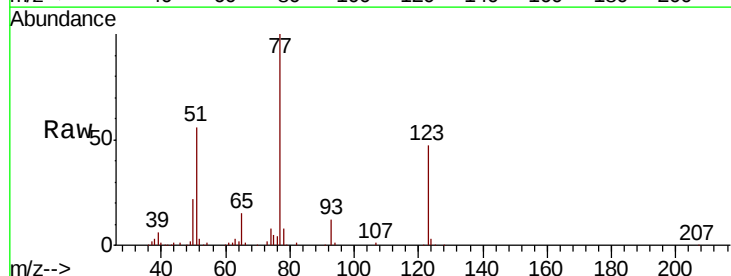


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

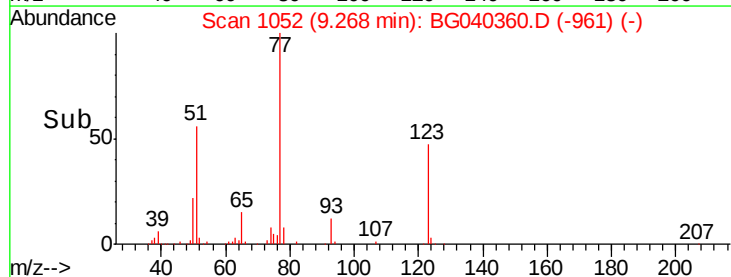
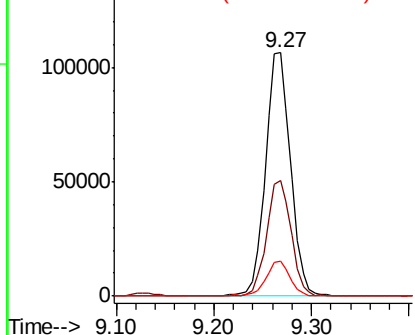


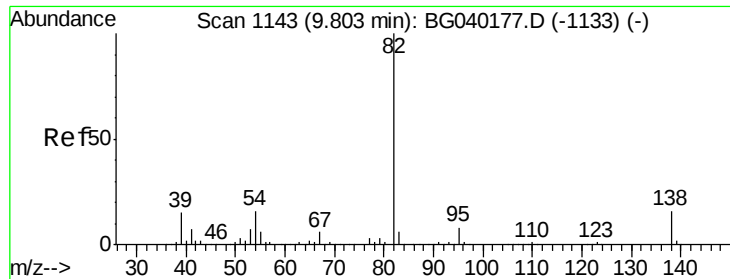
#24
 Nitrobenzene
 Concen: 39.204 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion	77	Resp	191251
Ion Ratio	100	Lower	Upper
123	47.3	38.6	57.8
65	14.5	11.1	16.7



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: 37.591 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

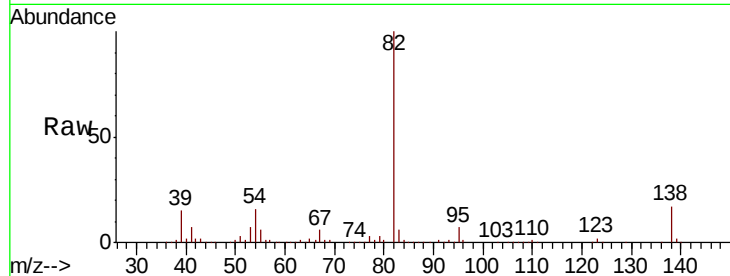
Tot Ion: 82 Resp: 364372

Ion Ratio Lower Upper

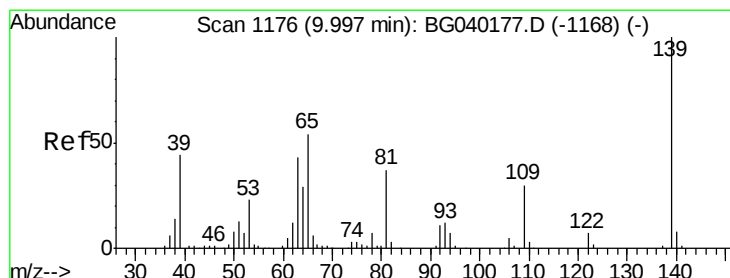
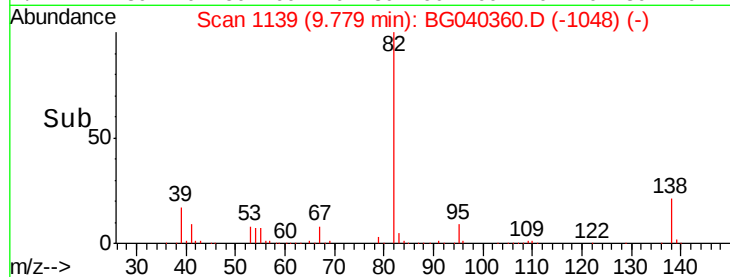
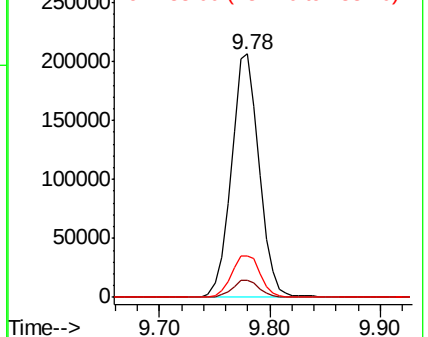
82 100

95 7.0 5.1 7.7

138 17.2 13.4 20.0



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: 41.213 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

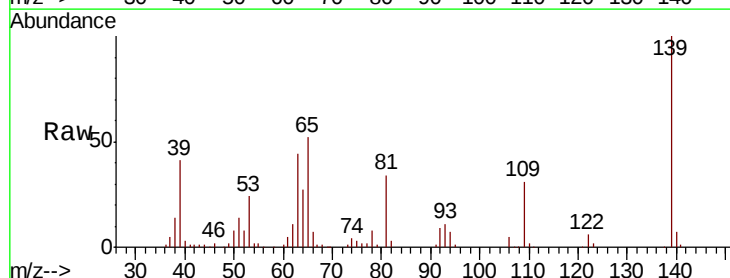
Tgt Ion: 139 Resp: 95266

Ion Ratio Lower Upper

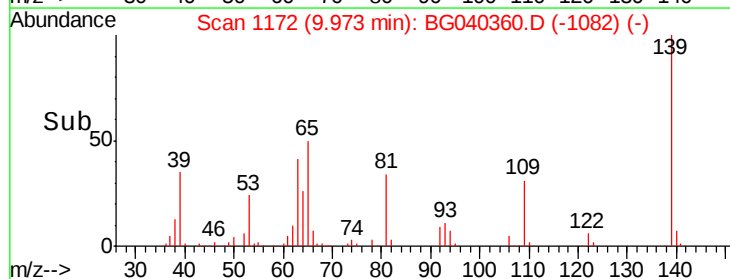
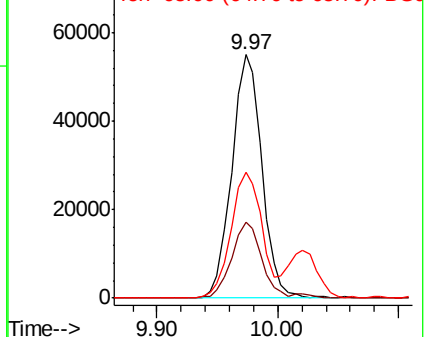
139 100

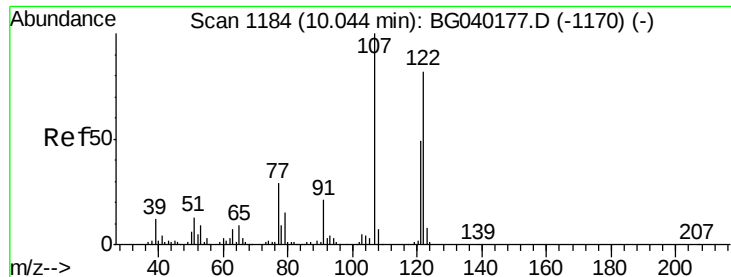
109 31.4 25.0 37.4

65 51.9 45.8 68.8



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

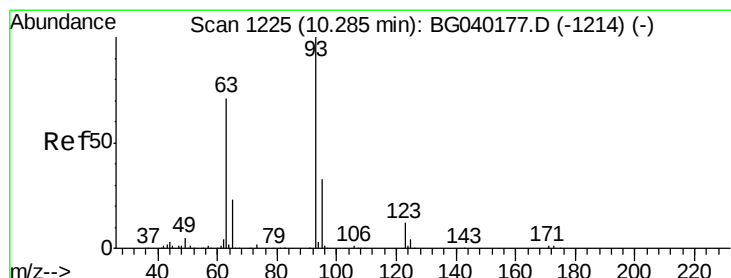
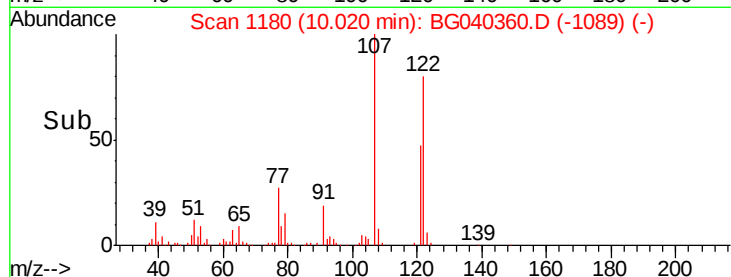
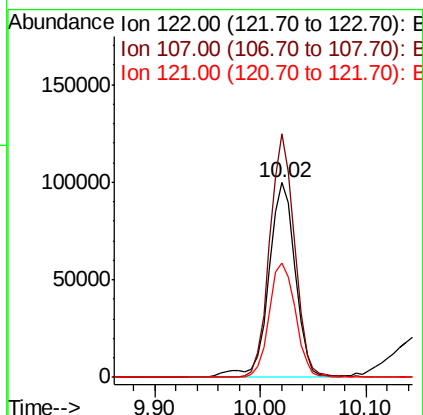
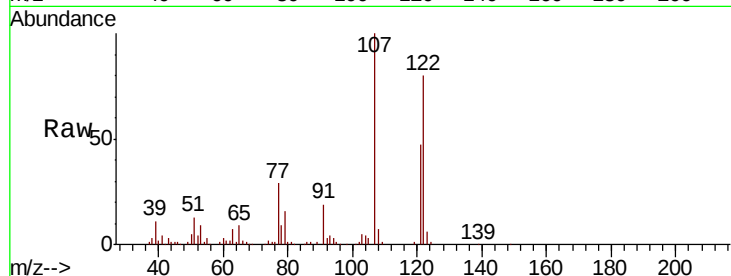




#27
2,4-Dimethylphenol
Concen: 46.920 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

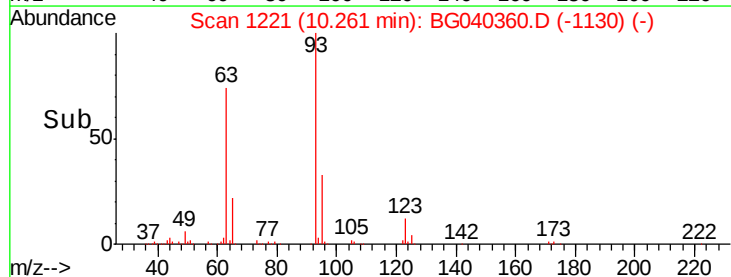
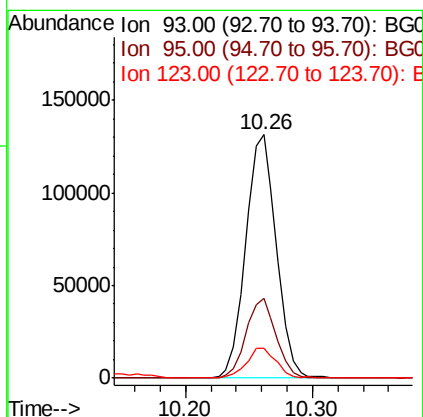
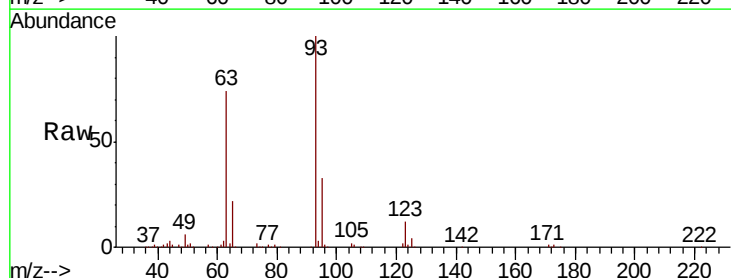
Instrument :
BNA_G
ClientSampleId :

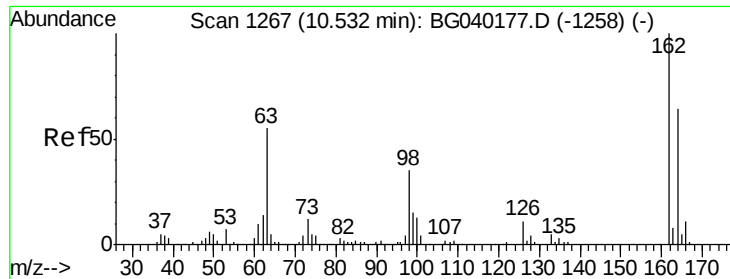
Tot Ion:122 Resp: 172278
Ion Ratio Lower Upper
122 100
107 125.0 95.8 143.6
121 58.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.487 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion: 93 Resp: 220710
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.0
123 12.4 9.0 13.6

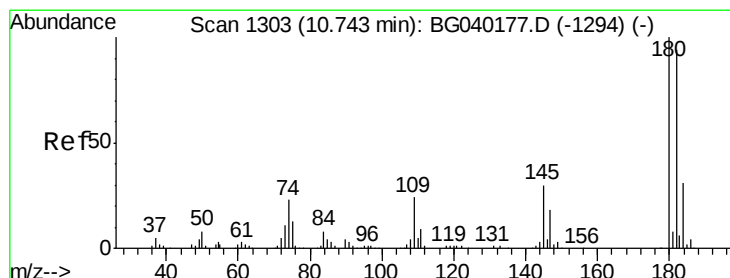
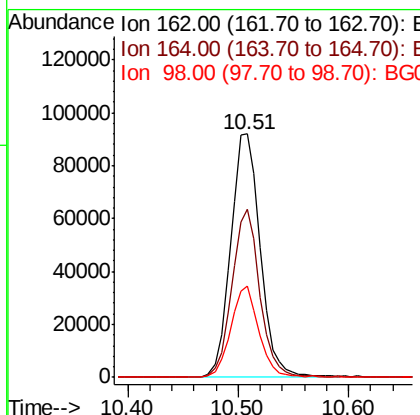
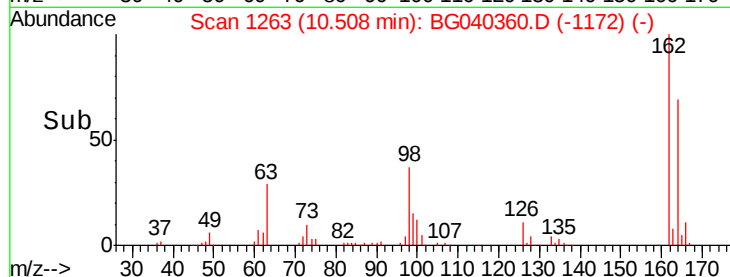
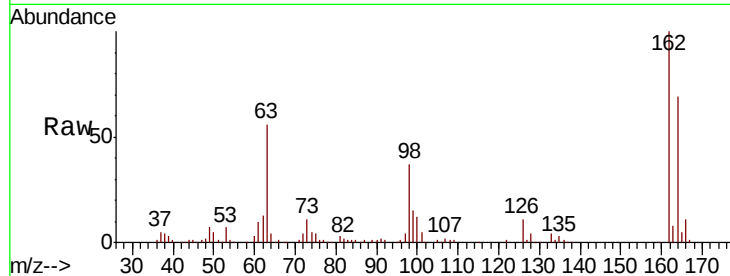




#29
 2,4-Dichlorophenol
 Concen: 43.496 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

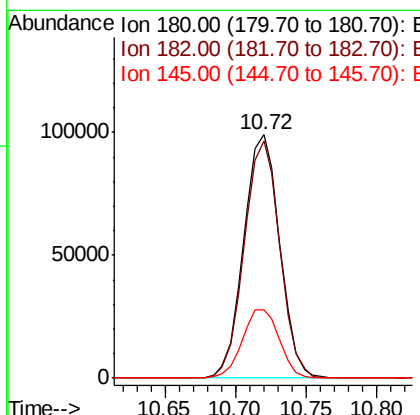
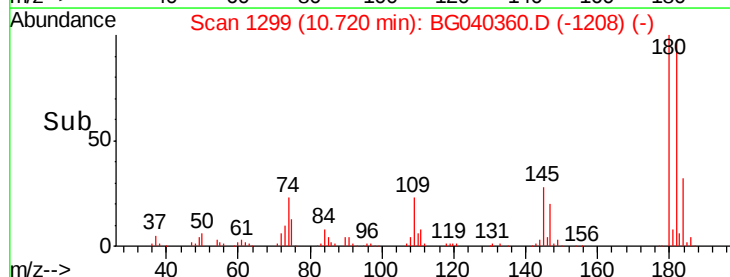
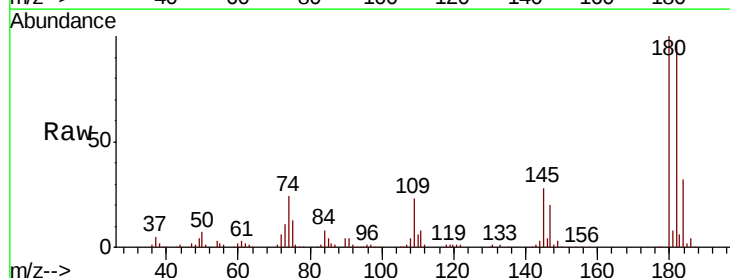
Instrument :
 BNA_G
 ClientSampleId :

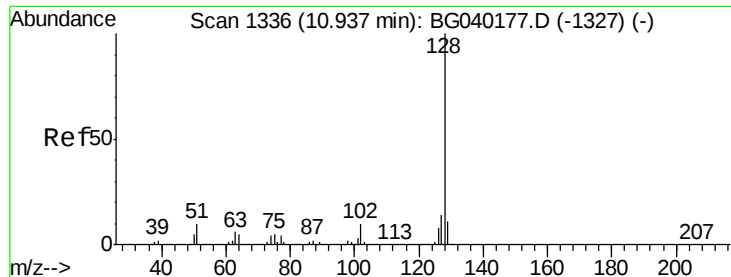
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	43.4	83.4
98	37.3	16.3	56.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.492 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.5	113.3
145	28.0	23.0	34.4

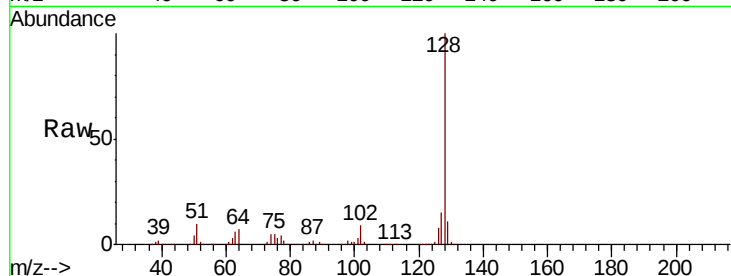




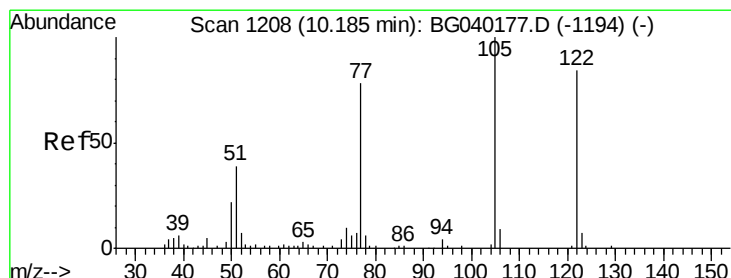
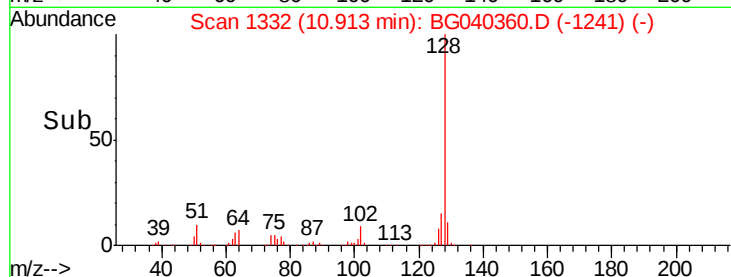
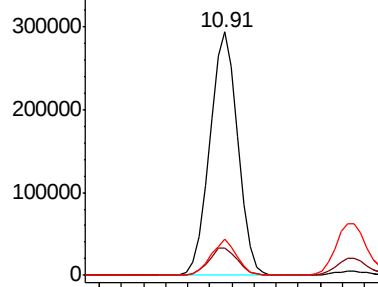
#31
Naphthalene
Concen: 40.580 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.6	11.2	16.8

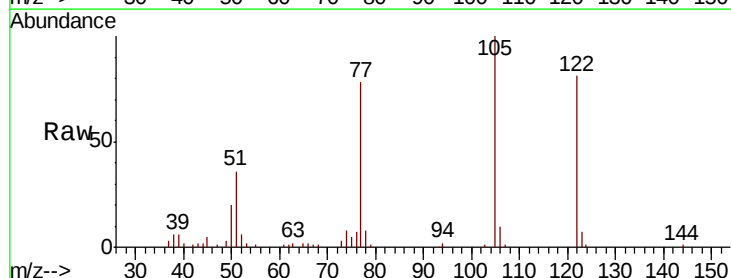


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

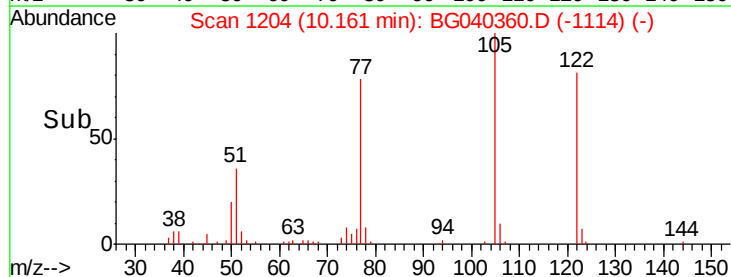
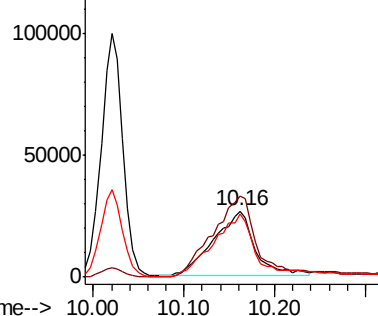


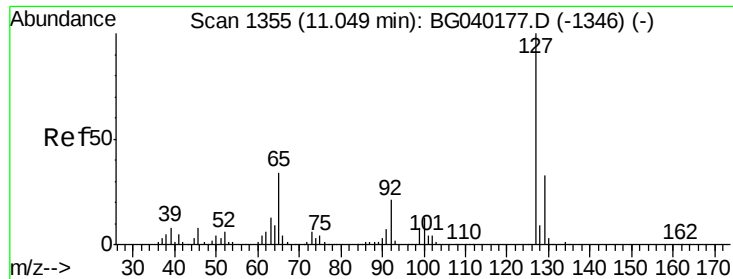
#32
Benzoic acid
Concen: 38.790 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	107.6	147.6
77	95.6	79.2	119.2



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): BGO

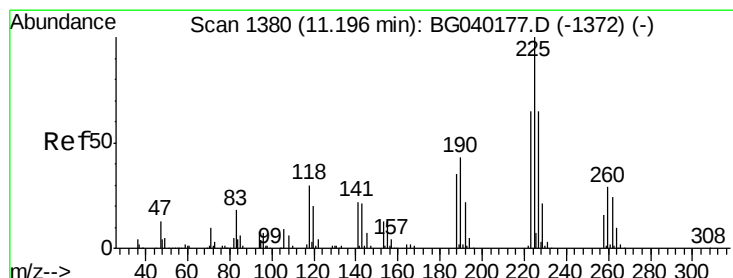
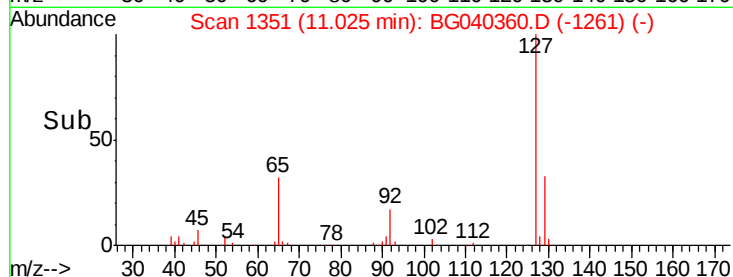
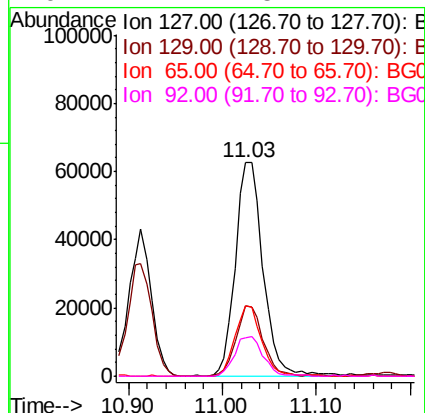
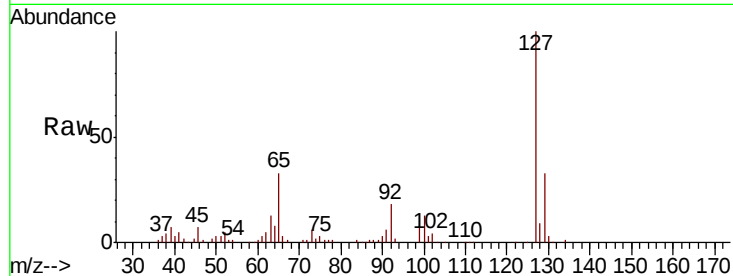




#33
4-Chloroaniline
Concen: 23.449 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

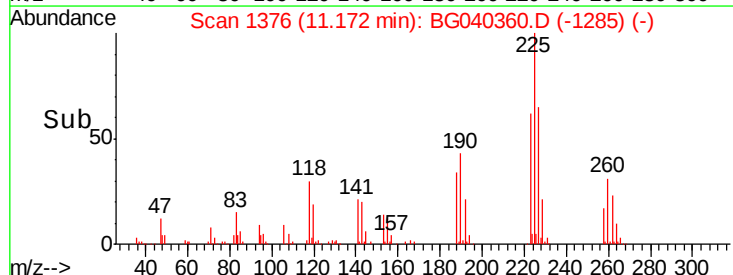
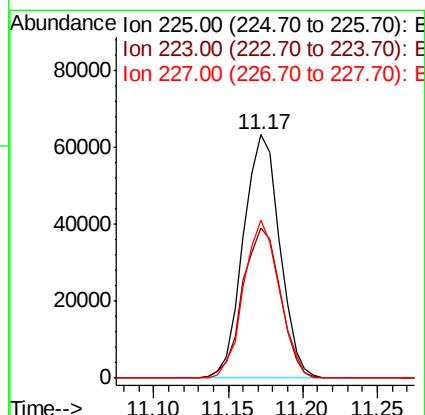
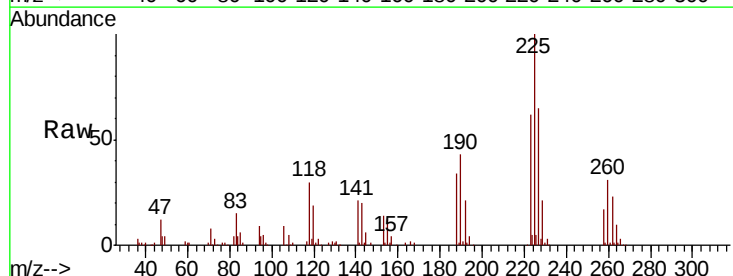
Instrument :
BNA_G
ClientSampleId :

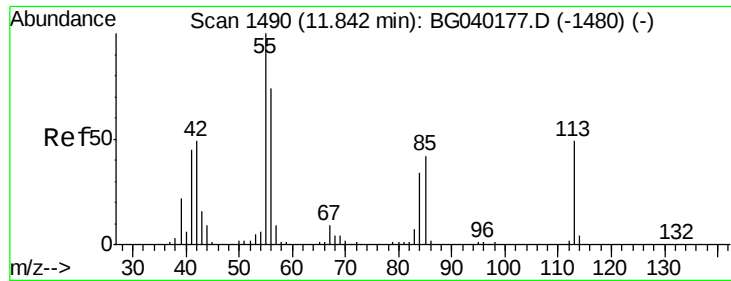
Tot Ion:	127	Resp:	128377
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	32.9	26.2	39.2
92	17.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.251 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:	225	Resp:	107055
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	67.8	51.7	77.5





#35

Caprolactam

Concen: 27.739 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

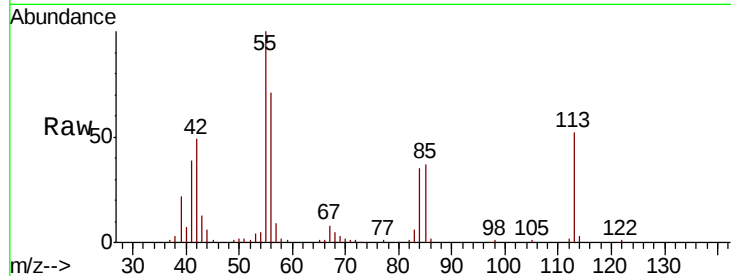
Tot Ion:113 Resp: 43872

Ion Ratio Lower Upper

113 100

55 192.1 167.6 207.6

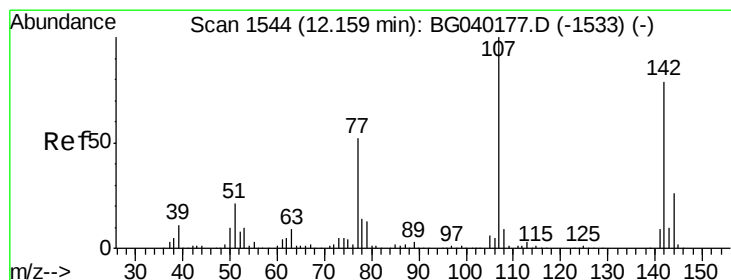
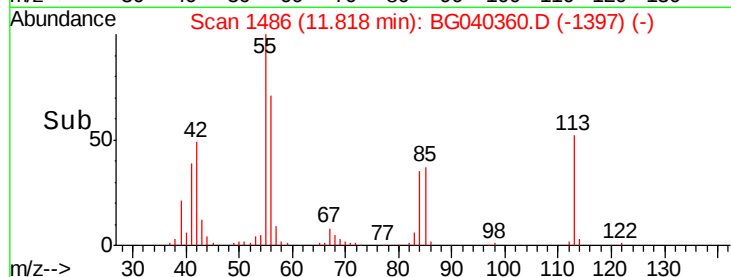
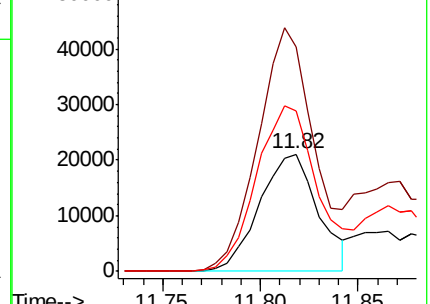
56 137.0 113.4 153.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.973 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

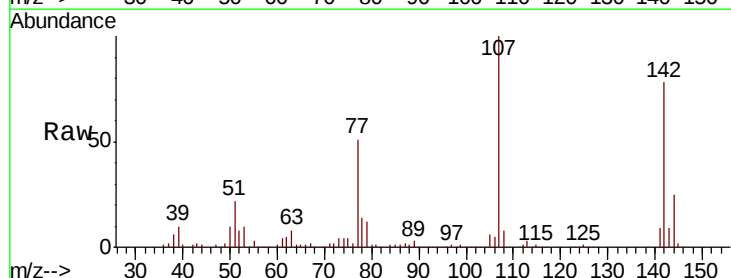
Tgt Ion:107 Resp: 196890

Ion Ratio Lower Upper

107 100

144 25.2 21.5 32.3

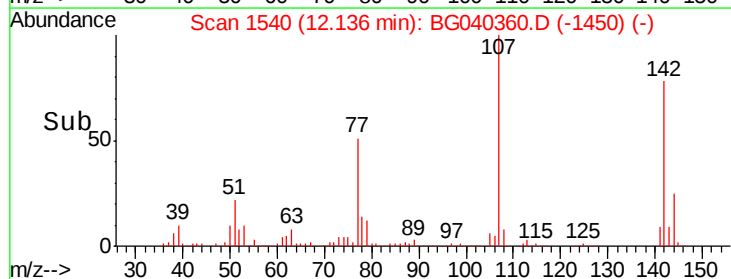
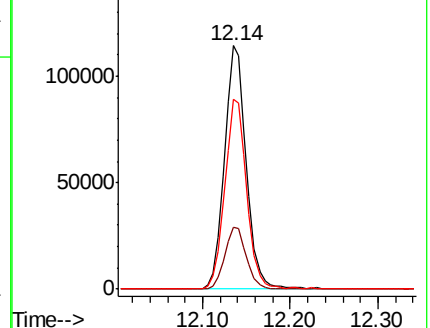
142 77.8 66.2 99.4

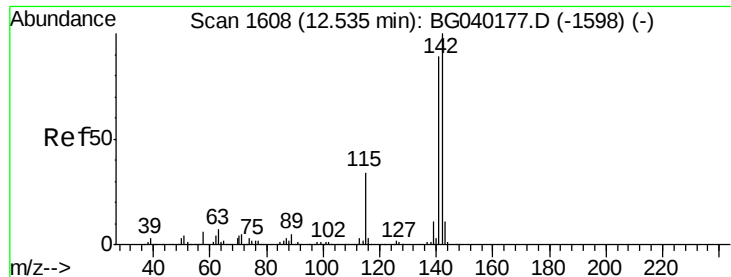


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

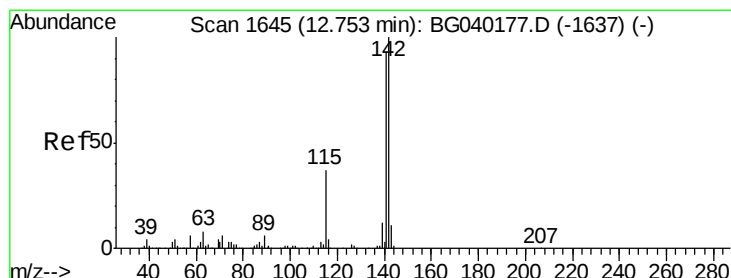
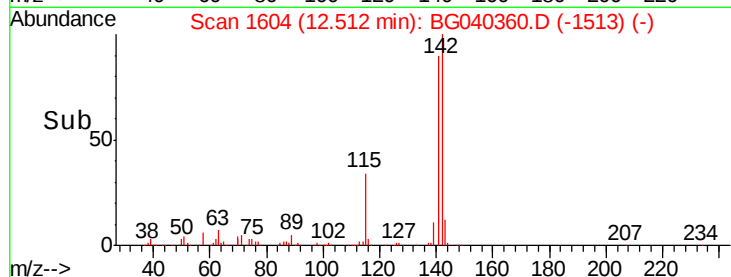
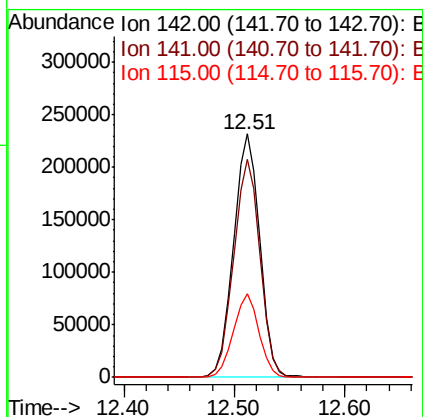
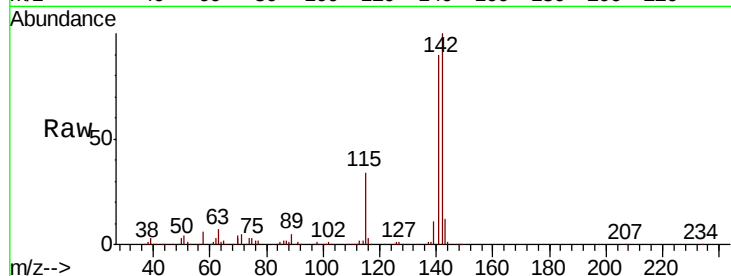




#37
 2-Methylnaphthalene
 Concen: 40.708 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

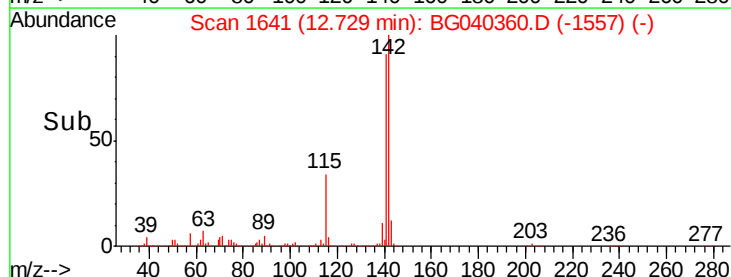
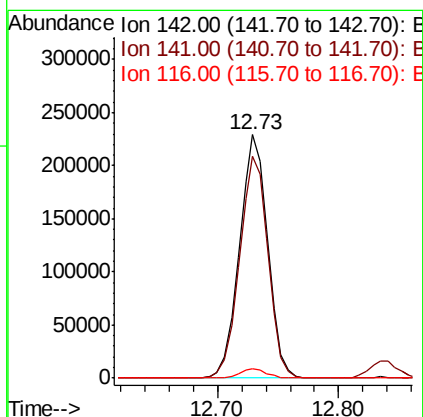
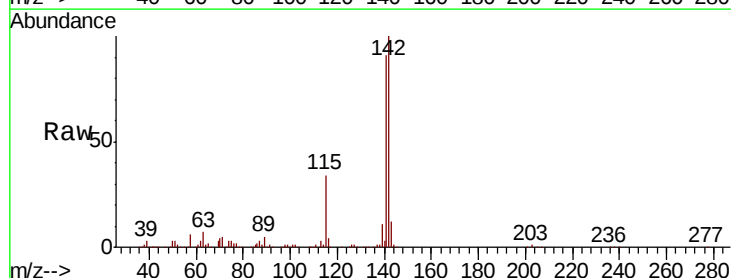
Instrument :
 BNA_G
 ClientSampleId :

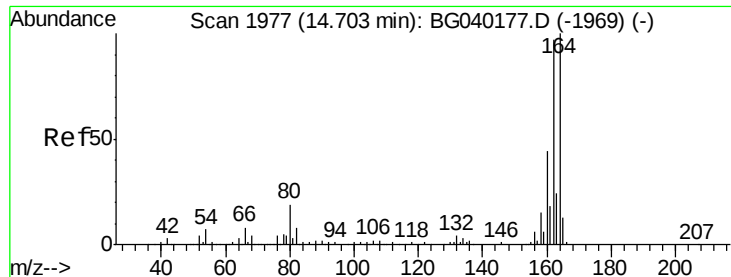
Tot Ion:142 Resp: 386425
 Ion Ratio Lower Upper
 142 100
 141 89.7 72.0 108.0
 115 34.3 26.9 40.3



#38
 1-Methylnaphthalene
 Concen: 40.277 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion:142 Resp: 370746
 Ion Ratio Lower Upper
 142 100
 141 91.2 72.2 108.4
 116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

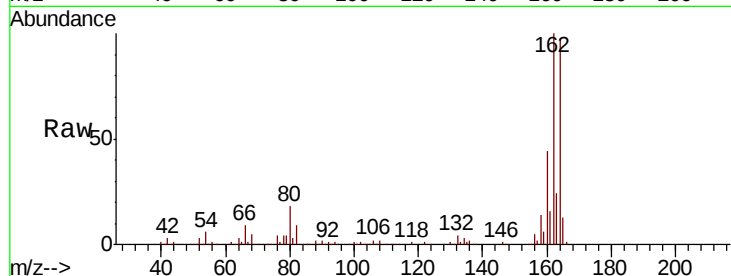
Tot Ion:164 Resp: 156523

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

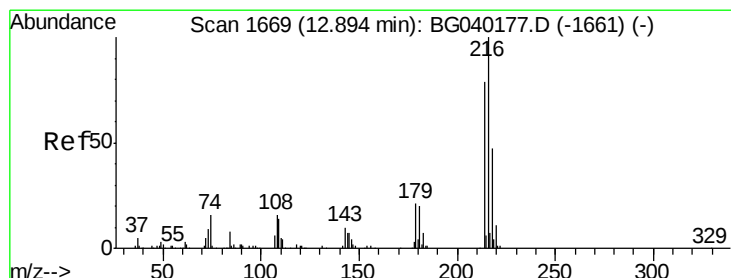
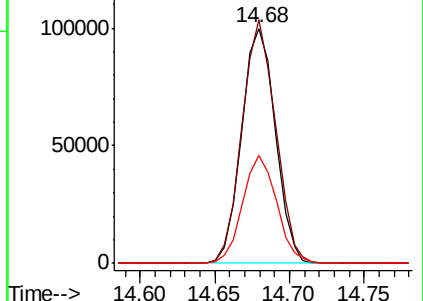
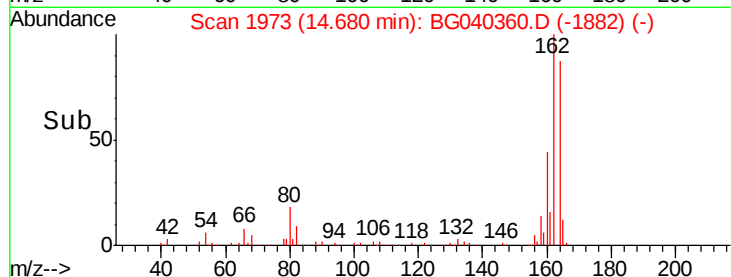
160 45.7 36.2 54.2



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: 40.926 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Tgt Ion:216 Resp: 203600

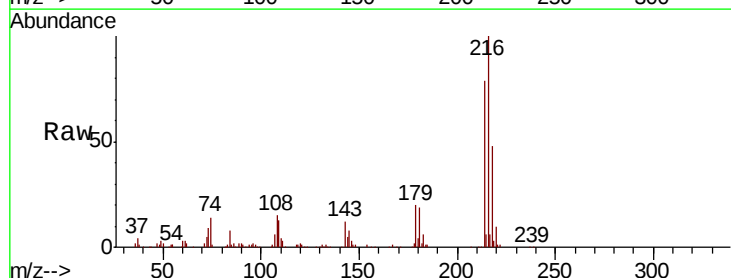
Ion Ratio Lower Upper

216 100

214 78.3 64.4 96.6

179 20.1 16.2 24.2

108 18.7 14.0 21.0

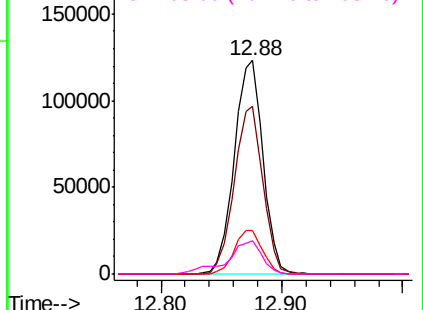
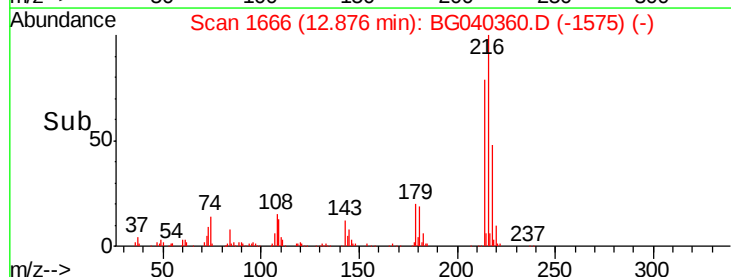


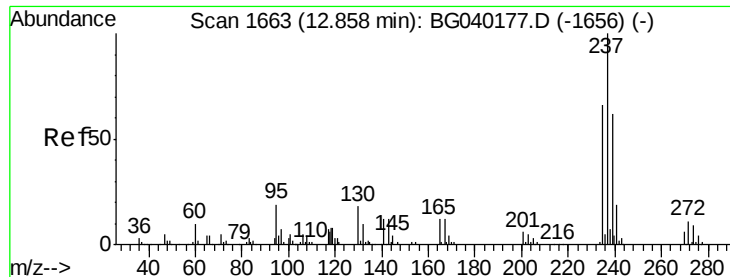
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.835 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

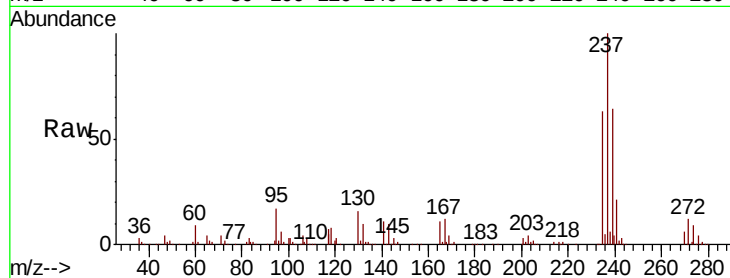
Tot Ion:237 Resp: 231730

Ion Ratio Lower Upper

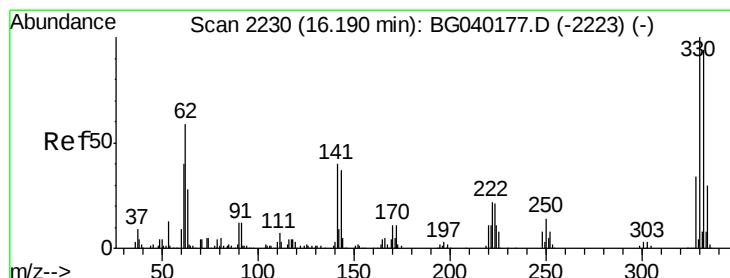
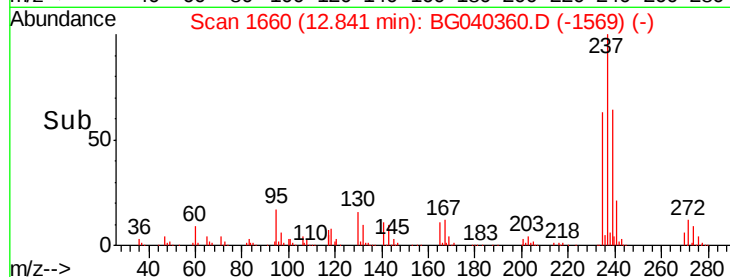
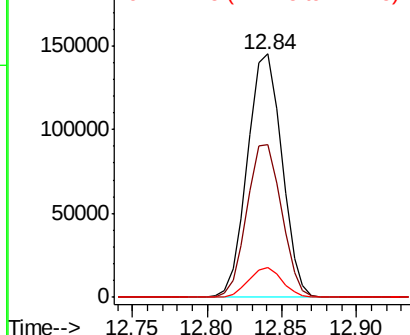
237 100

235 62.5 46.8 86.8

272 12.2 0.0 31.8



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: 154.469 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

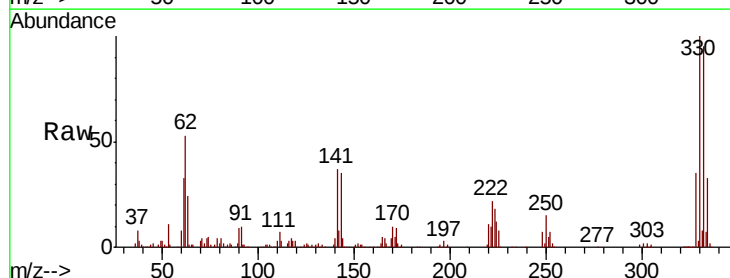
Tgt Ion:330 Resp: 261300

Ion Ratio Lower Upper

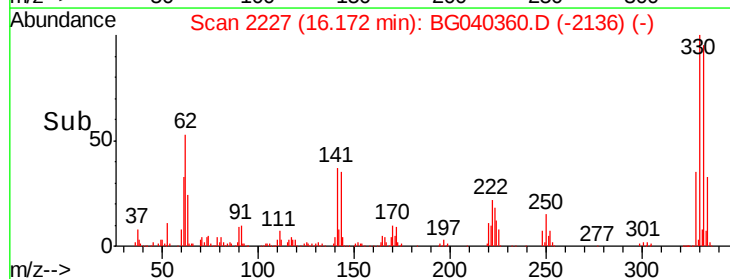
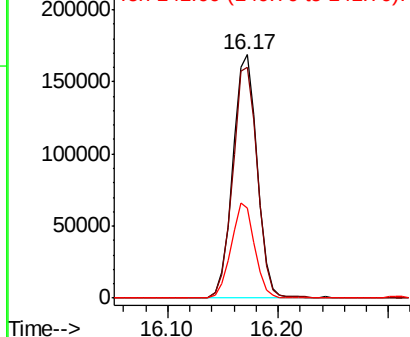
330 100

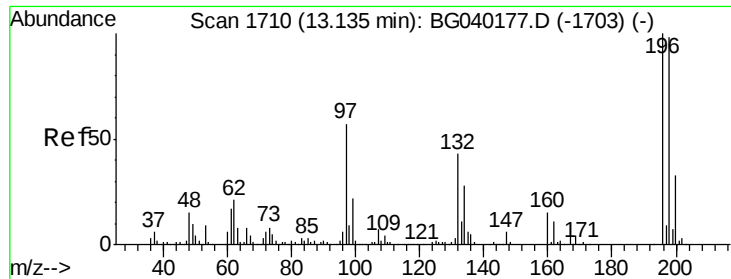
332 96.2 77.7 116.5

141 37.8 31.0 46.6



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

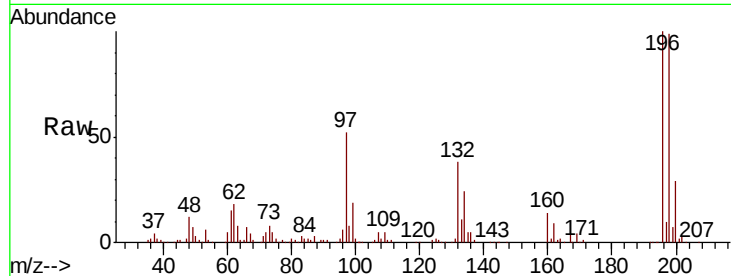




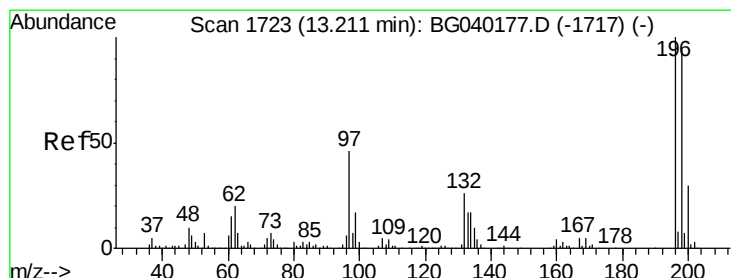
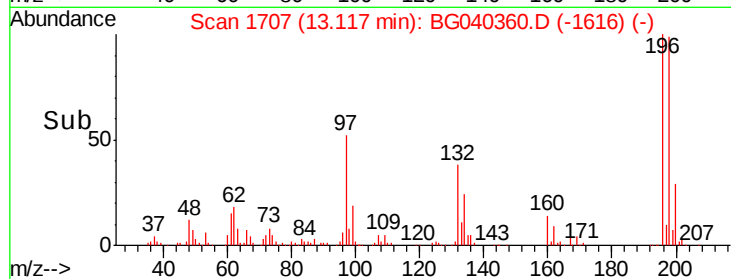
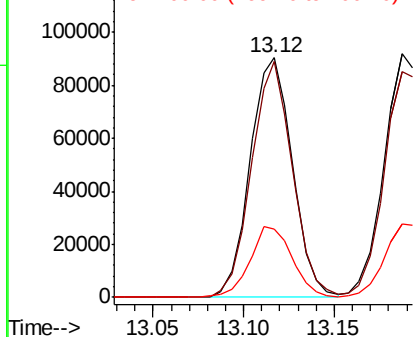
#43
 2,4,6-Trichlorophenol
 Concen: 45.493 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 145915
 Ion Ratio Lower Upper
 196 100
 198 98.5 73.9 110.9
 200 28.7 23.1 34.7

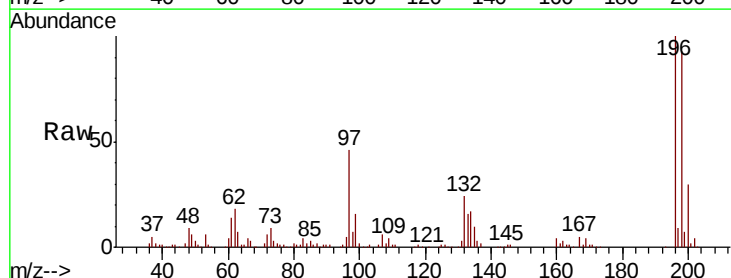


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

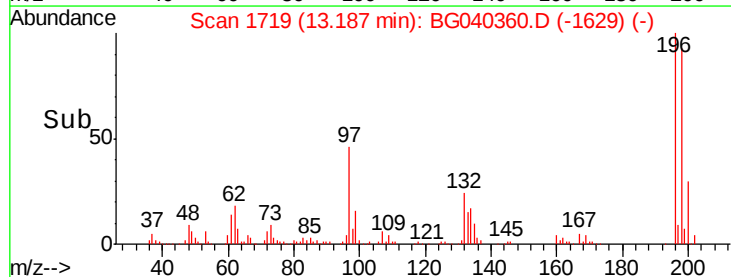
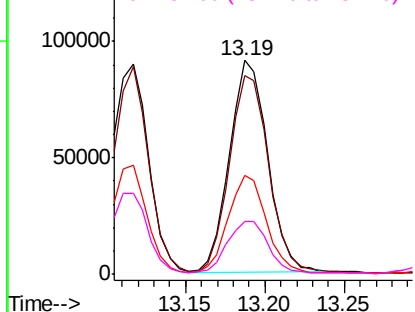


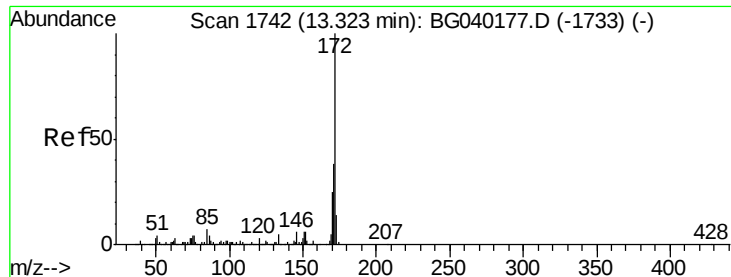
#44
 2,4,5-Trichlorophenol
 Concen: 43.665 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion:196 Resp: 152654
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.5 113.3
 97 45.9 36.3 54.5
 132 24.4 20.6 30.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

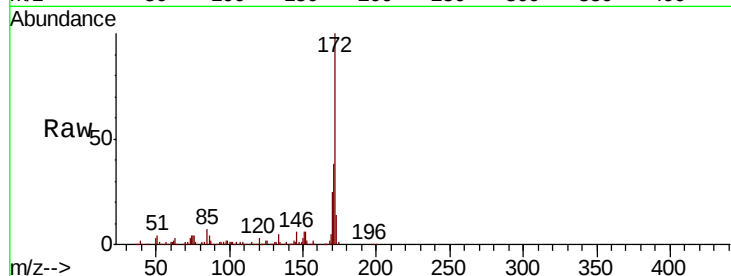




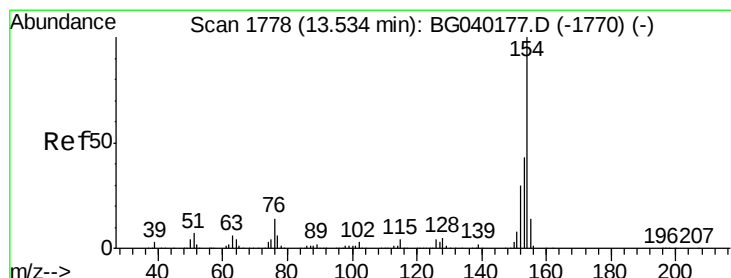
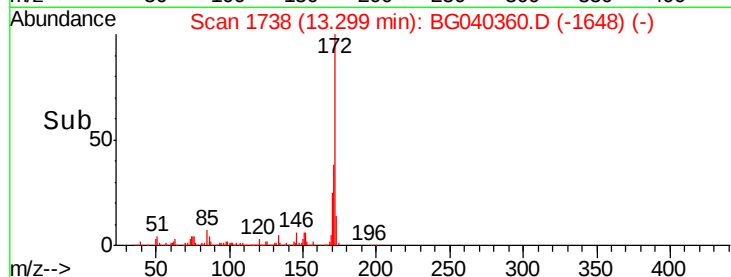
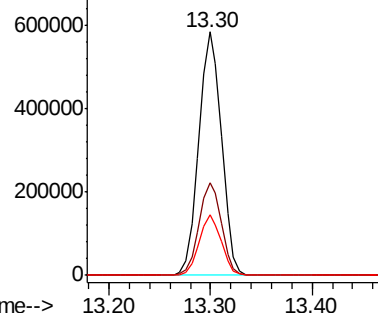
#45
2-Fluorobiphenyl
Concen: 85.660 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.2	45.4
170	24.7	20.4	30.6

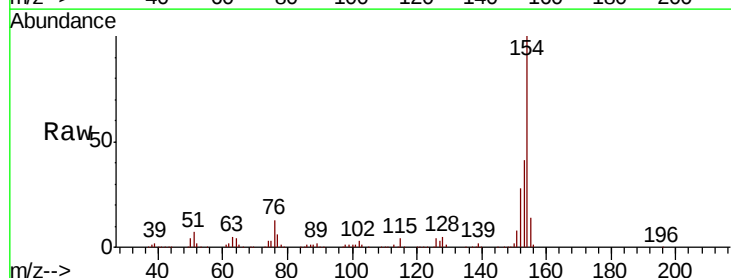


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

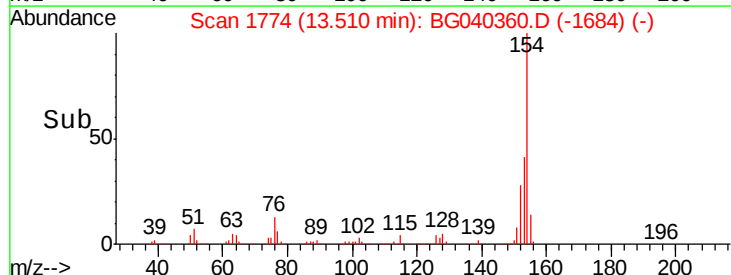
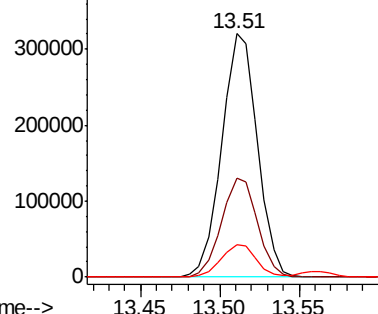


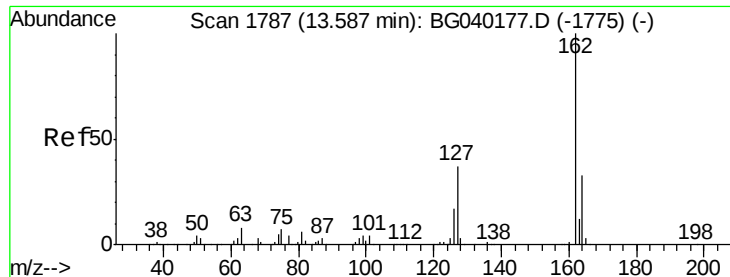
#46
1,1'-Biphenyl
Concen: 40.444 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.3	63.3
76	13.2	0.0	32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

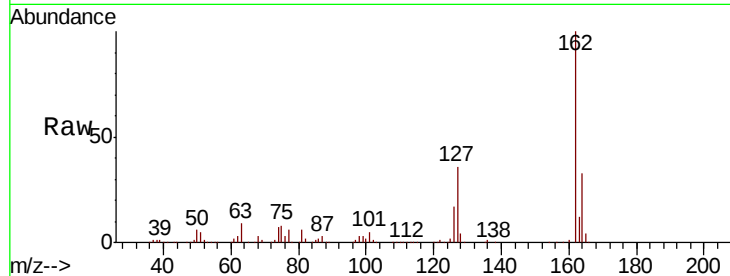




#47
 2-Chloronaphthalene
 Concen: 40.790 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.6	46.0
164	32.6	25.9	38.9

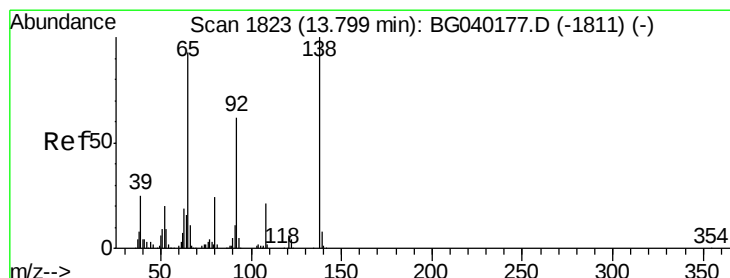
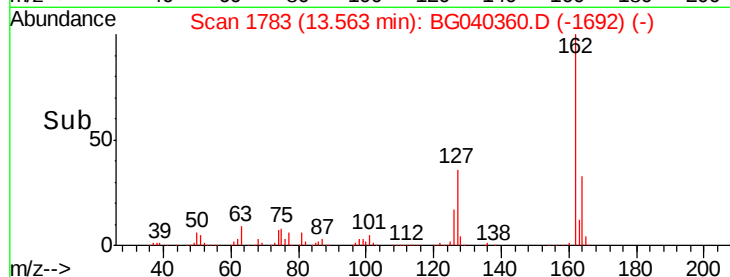
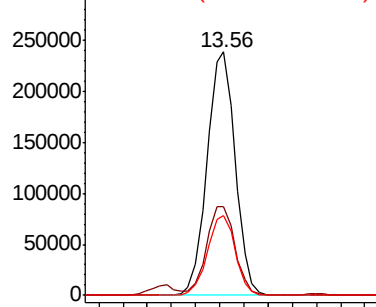


Abundance

Ion 162.00 (161.70 to 162.70): E

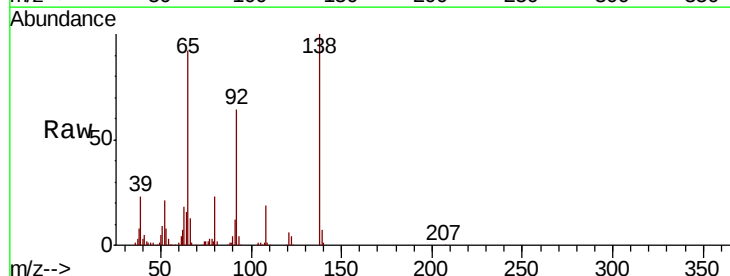
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.239 ng
 RT: 13.77 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	55.8	83.6
138	108.7	83.3	124.9

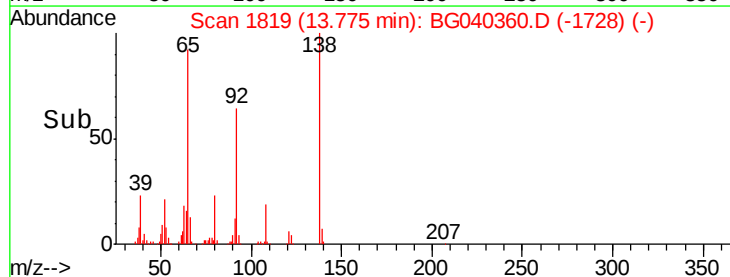
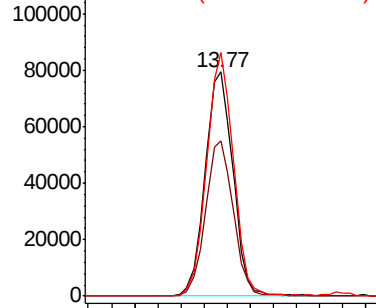


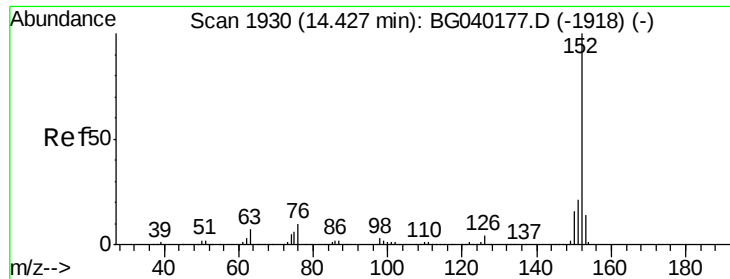
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.019 ng

RT: 14.41 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

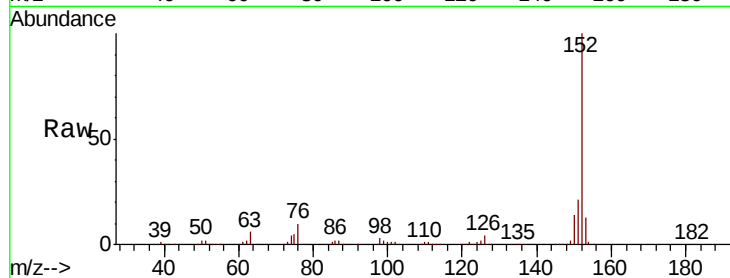
Tot Ion:152 Resp: 643685

Ion Ratio Lower Upper

152 100

151 20.8 17.3 25.9

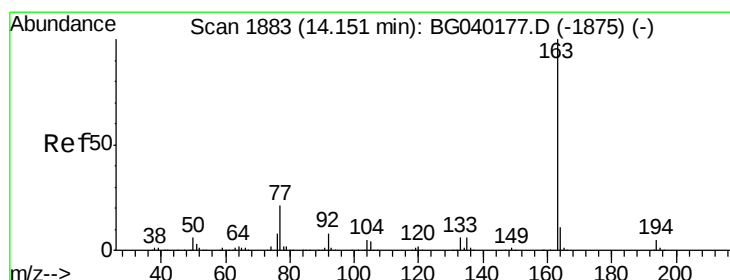
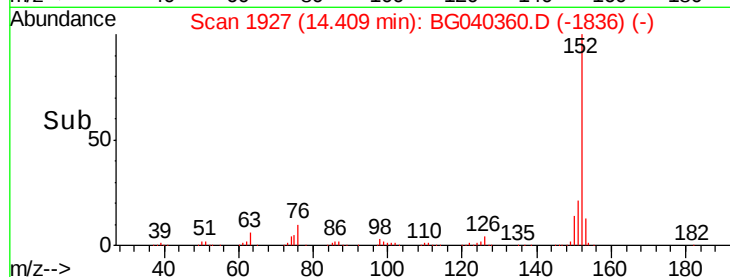
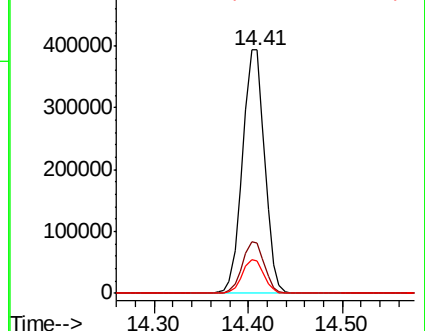
153 13.1 11.0 16.6



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: 41.079 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

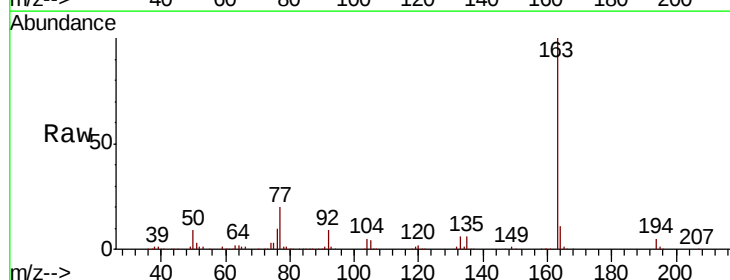
Tgt Ion:163 Resp: 503216

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

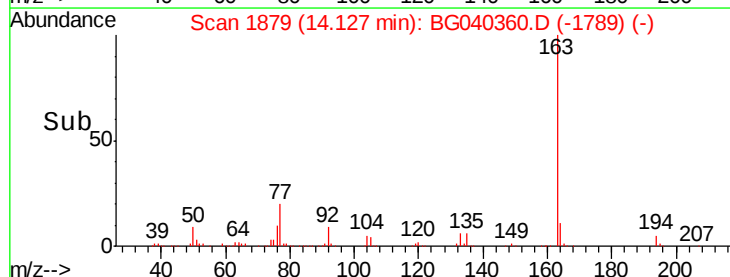
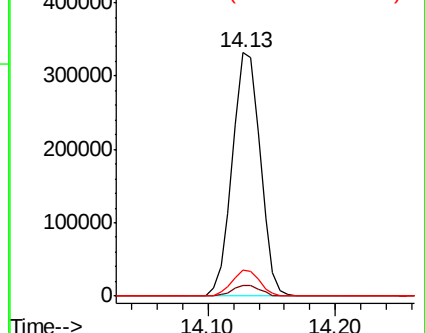
164 10.6 8.2 12.4

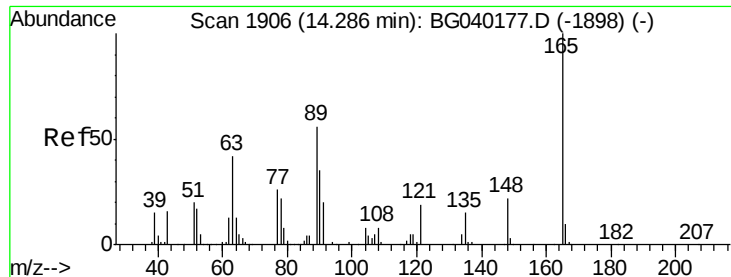


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.517 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

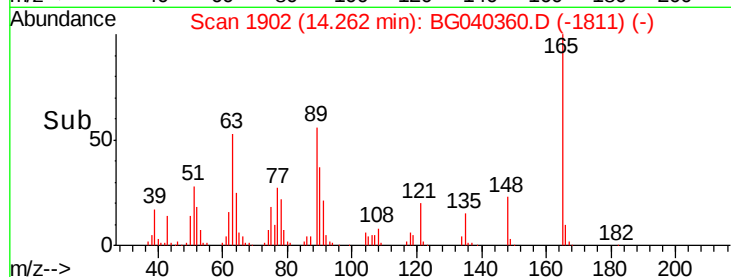
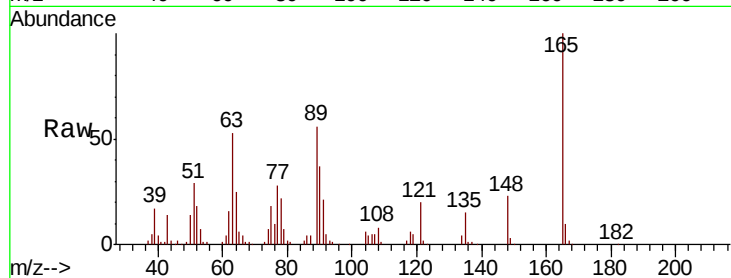
Tot Ion:165 Resp: 116946

Ion Ratio Lower Upper

165 100

63 52.7 44.6 67.0

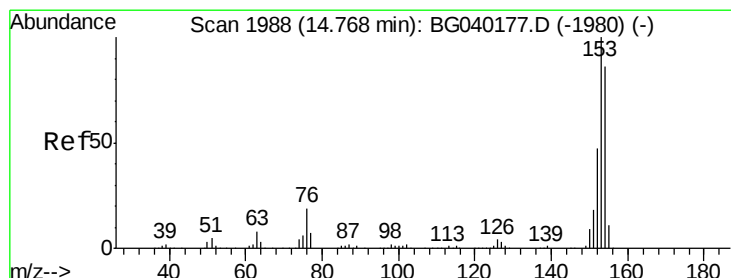
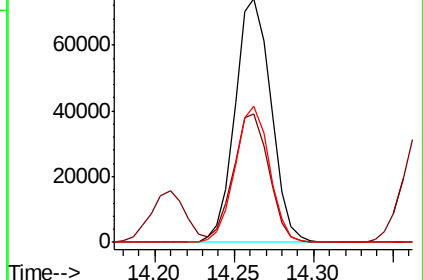
89 56.0 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.421 ng

RT: 14.74 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

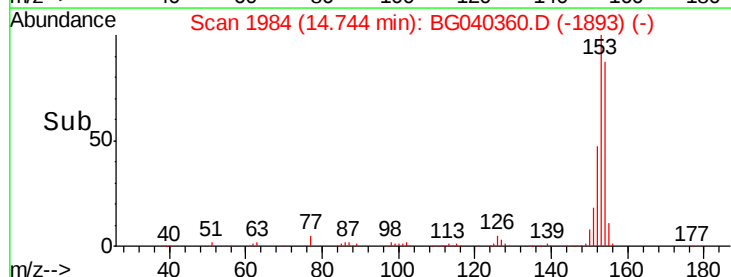
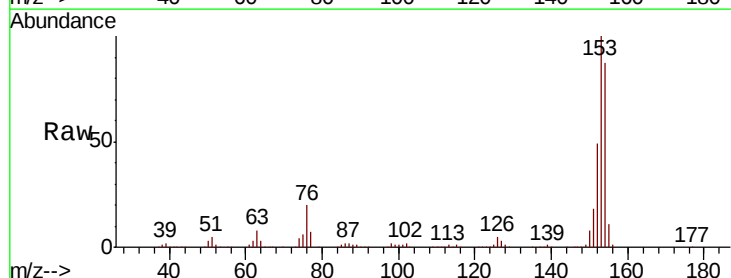
Tgt Ion:154 Resp: 372541

Ion Ratio Lower Upper

154 100

153 114.5 91.6 137.4

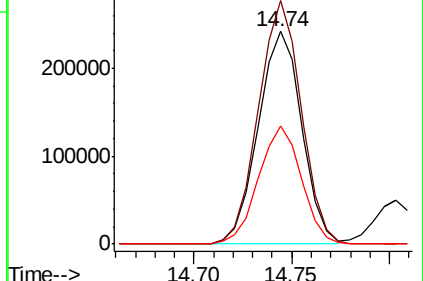
152 55.7 43.5 65.3

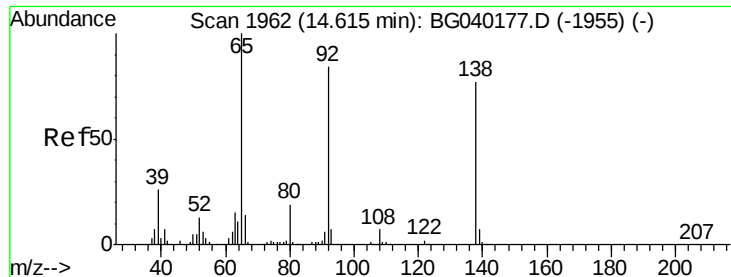


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.536 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

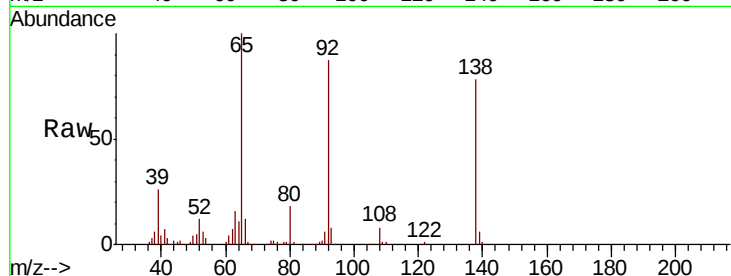
Tot Ion:138 Resp: 85997

Ion Ratio Lower Upper

138 100

108 10.3 8.8 13.2

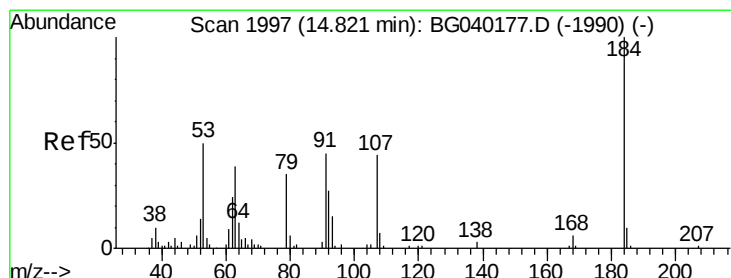
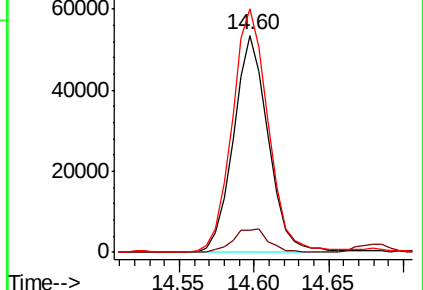
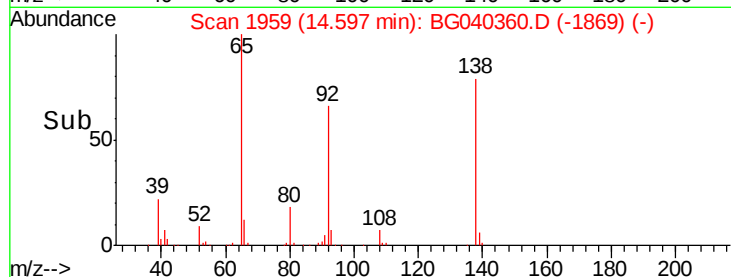
92 112.2 88.8 133.2



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: 96.162 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

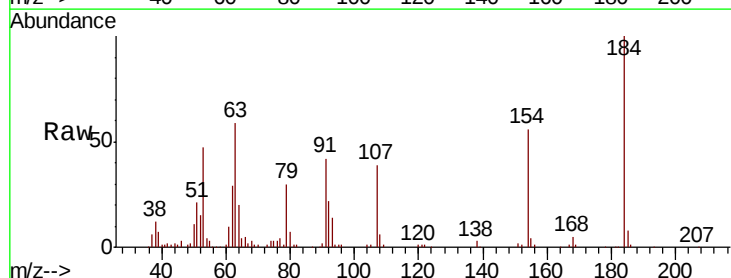
Tgt Ion:184 Resp: 140669

Ion Ratio Lower Upper

184 100

63 59.4 47.9 71.9

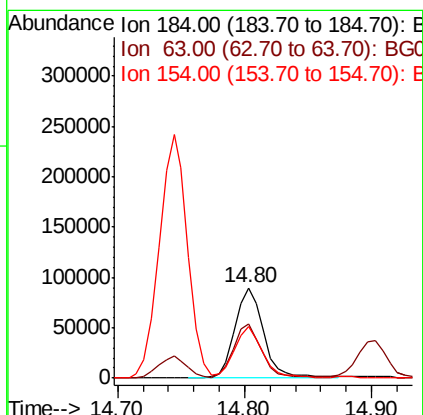
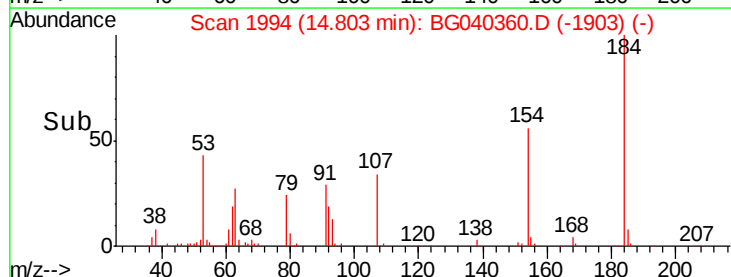
154 56.3 44.7 67.1

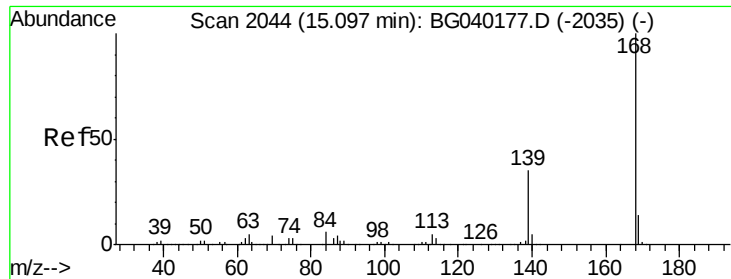


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.598 ng

RT: 15.08 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

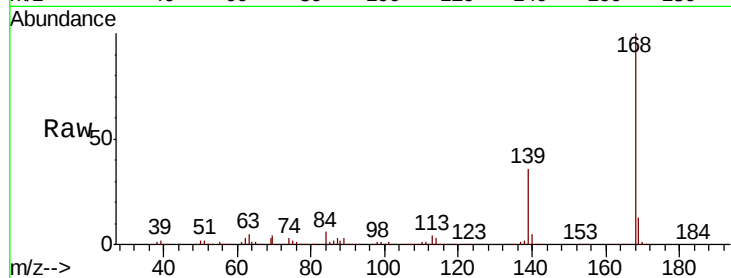
Tot Ion:168 Resp: 616045

Ion Ratio Lower Upper

168 100

139 36.3 27.9 41.9

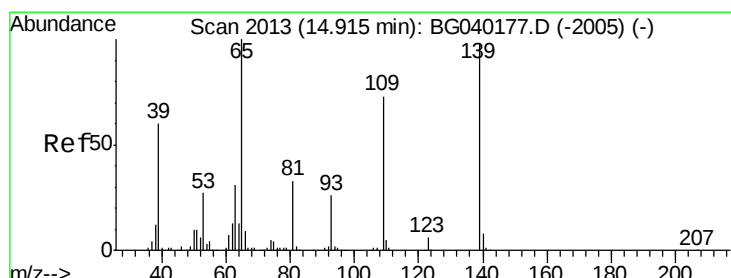
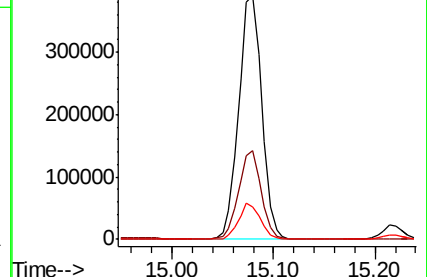
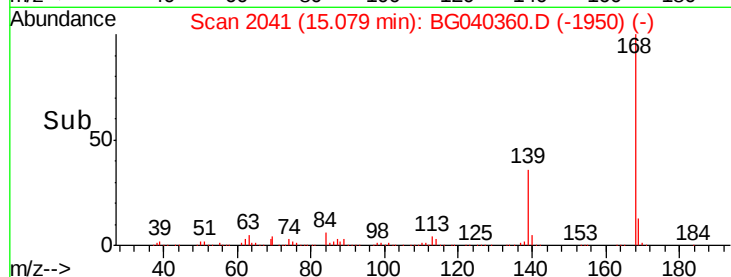
169 13.4 11.2 16.8



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: 94.214 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

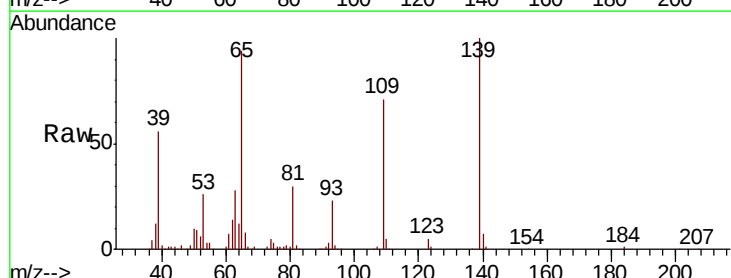
Tgt Ion:139 Resp: 221394

Ion Ratio Lower Upper

139 100

109 71.5 53.4 93.4

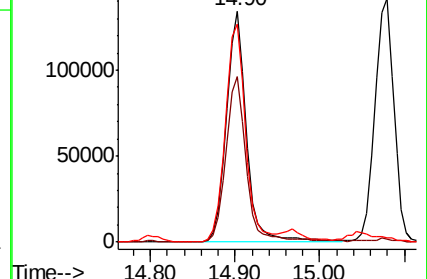
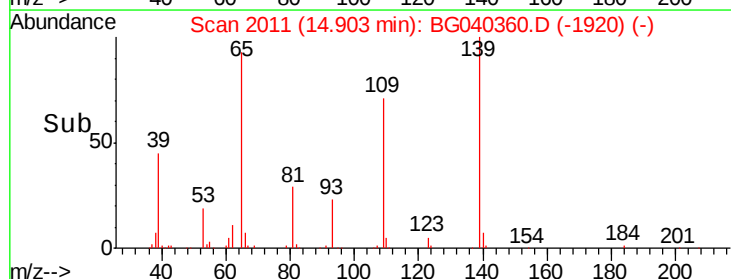
65 94.3 75.9 115.9

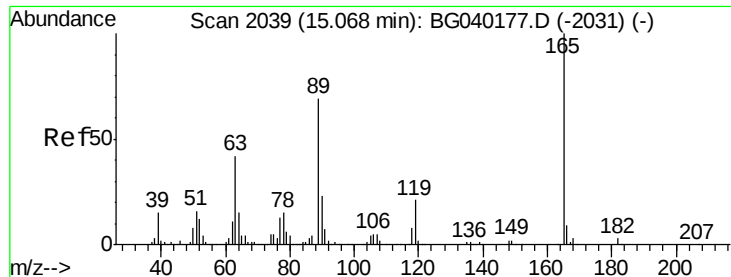


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

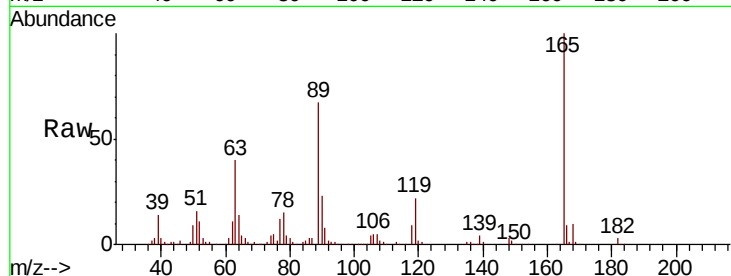




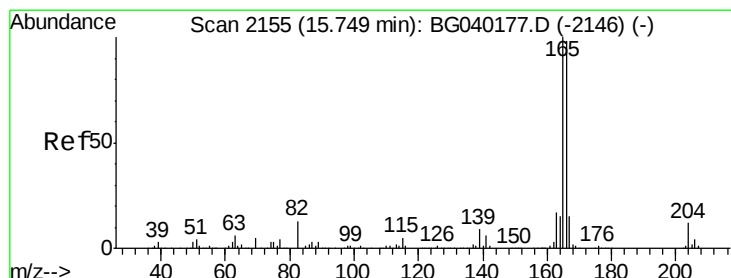
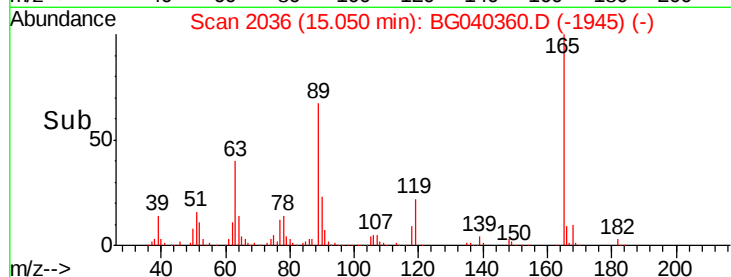
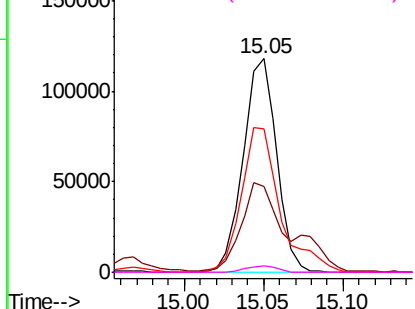
#57
 2,4-Dinitrotoluene
 Concen: 45.209 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 172787
 Ion Ratio Lower Upper
 165 100
 63 39.9 32.2 48.2
 89 66.9 54.1 81.1
 182 3.3 2.6 3.8

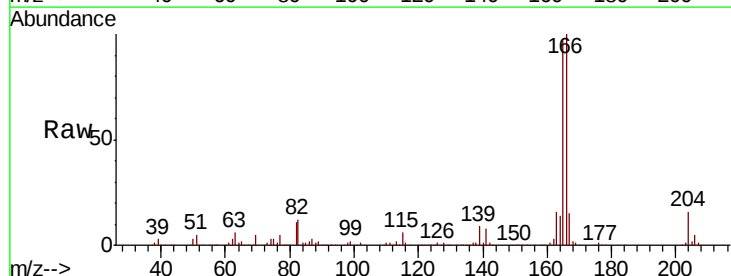


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

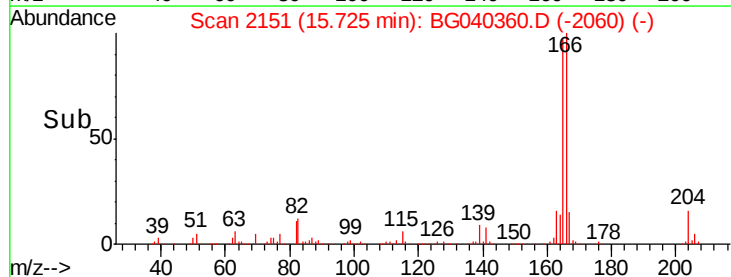
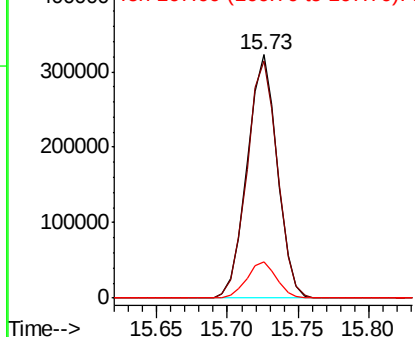


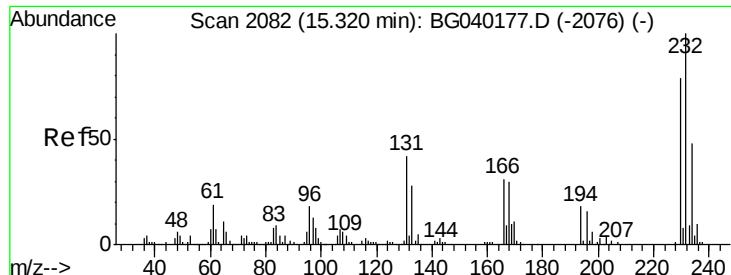
#58
 Fluorene
 Concen: 41.388 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion:166 Resp: 481901
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.6 117.8
 167 14.7 11.8 17.8



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

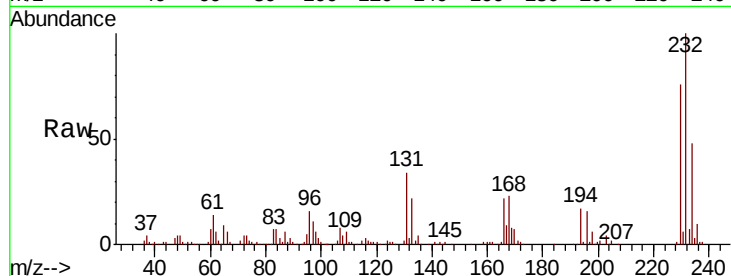




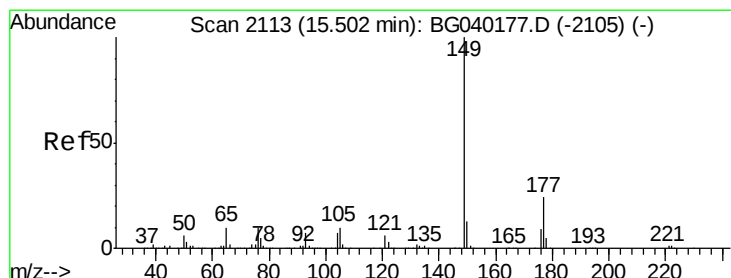
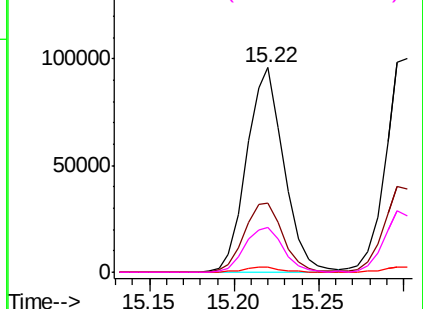
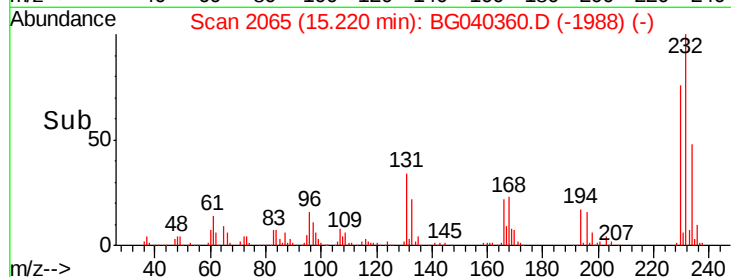
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.127 ng
RT: 15.22 min Scan# 2065
Delta R.T. -0.08 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:	232	Resp:	146338
Ion	Ratio	Lower	Upper
232	100		
131	35.3	31.7	47.5
130	2.5	1.7	2.5
166	22.6	22.3	33.5

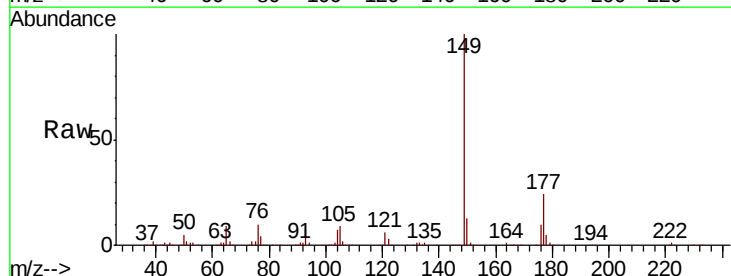


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

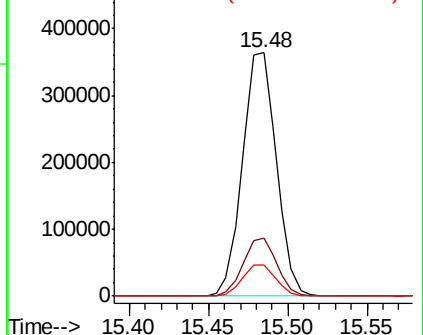
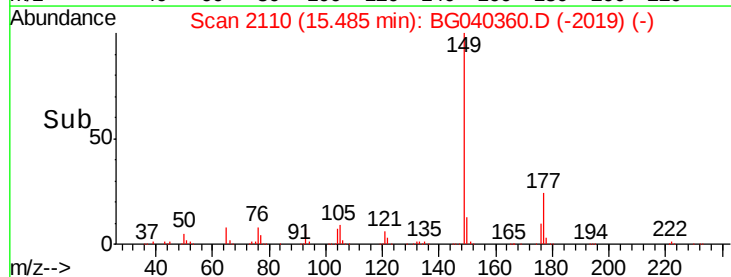


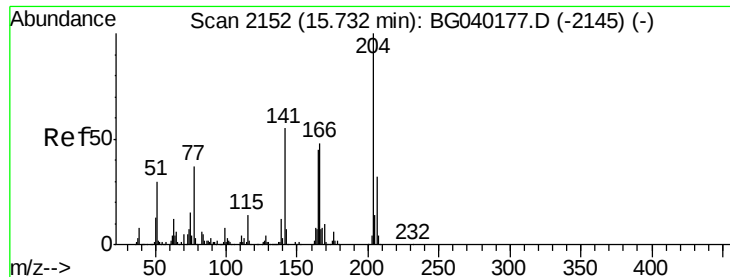
#60
Diethylphthalate
Concen: 43.055 ng
RT: 15.48 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:	149	Resp:	539714
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.8	28.2
150	12.7	10.2	15.4



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

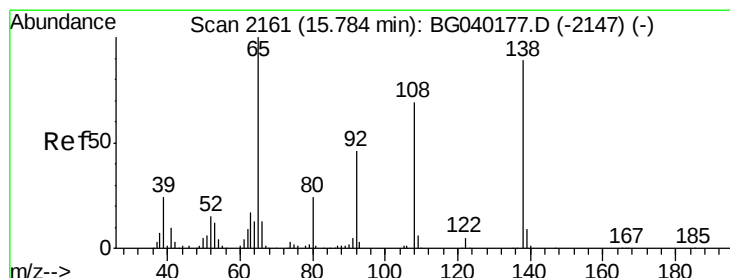
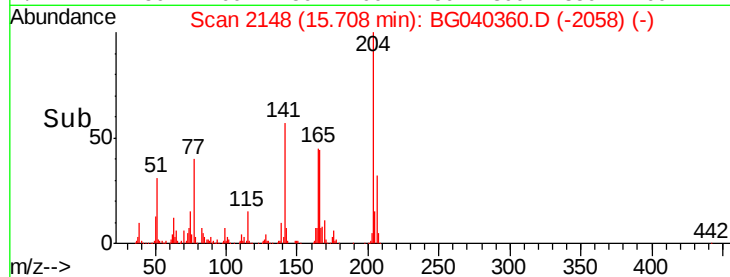
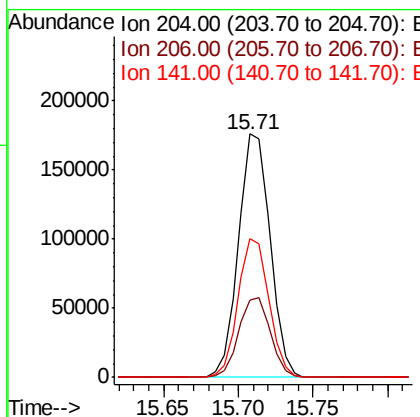
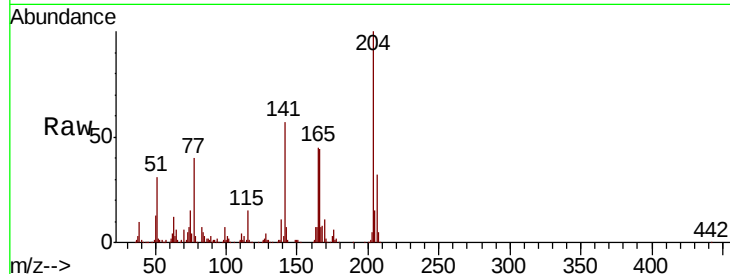




#61
 4-Chlorophenyl-phenylether
 Concen: 41.669 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

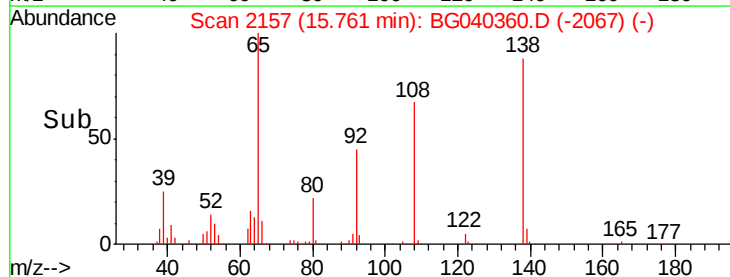
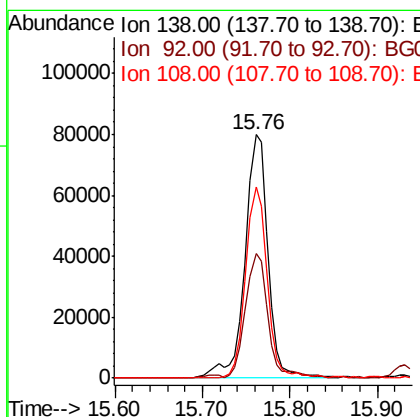
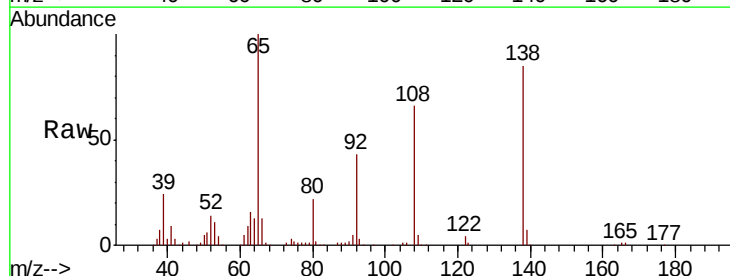
Instrument :
 BNA_G
 ClientSampled :

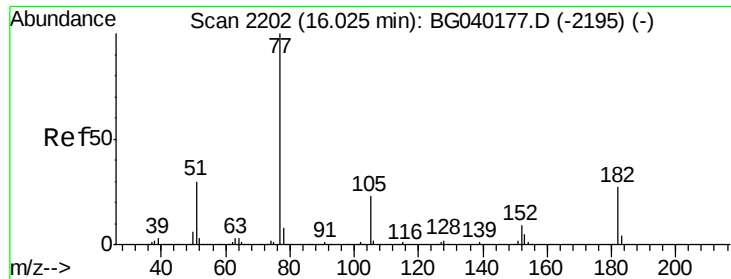
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.4	39.6
141	56.8	44.6	67.0



#62
 4-Nitroaniline
 Concen: 45.154 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	30.8	70.8
108	78.3	57.0	97.0

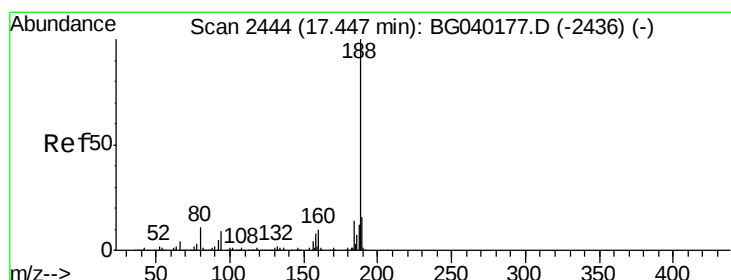
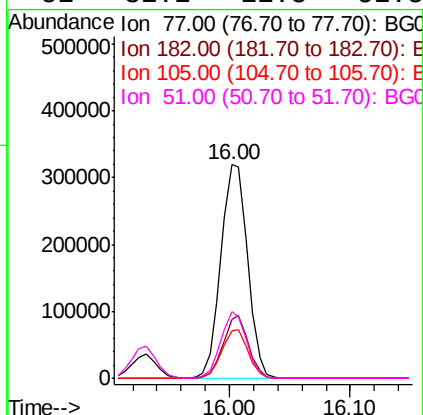
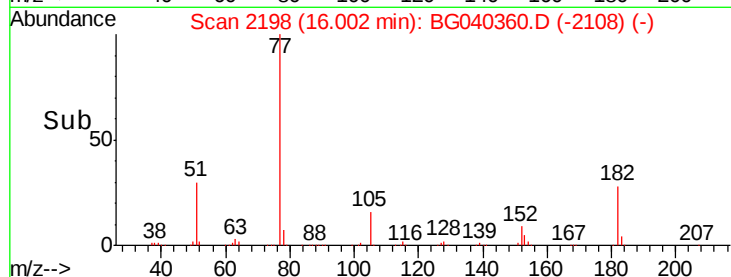
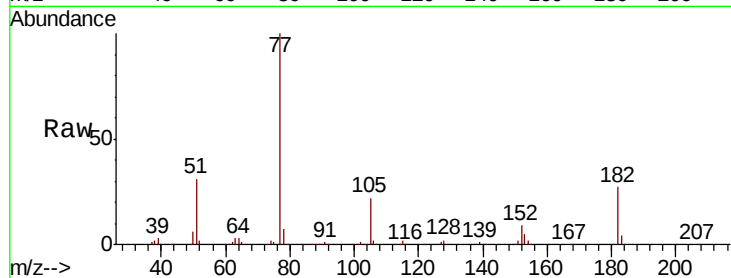




#63
Azobenzene
Concen: 41.168 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

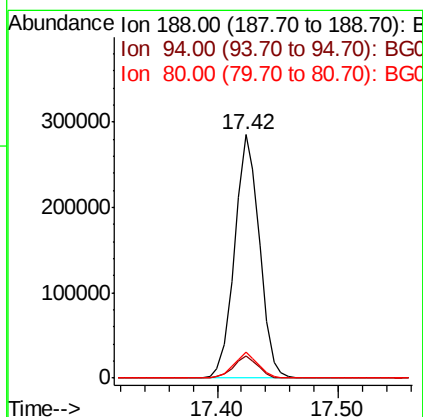
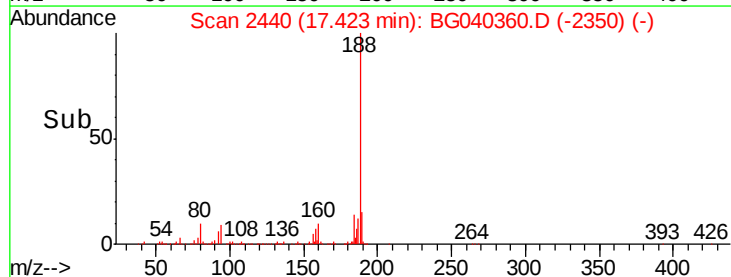
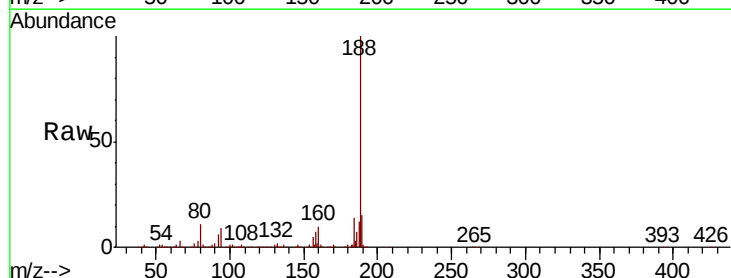
Instrument :
BNA_G
ClientSampleId :

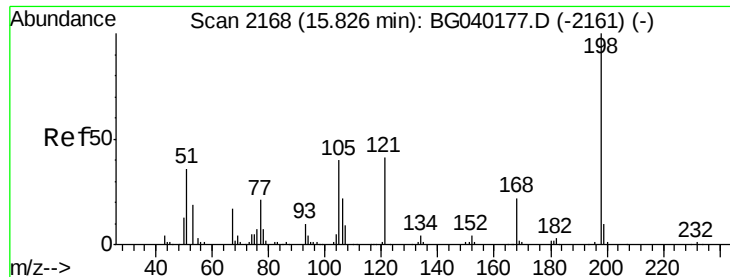
Tot Ion: 77 Resp: 486772
Ion Ratio Lower Upper
77 100
182 27.4 8.5 48.5
105 22.5 3.2 43.2
51 31.1 11.3 51.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion: 188 Resp: 408689
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 10.5 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 43.134 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

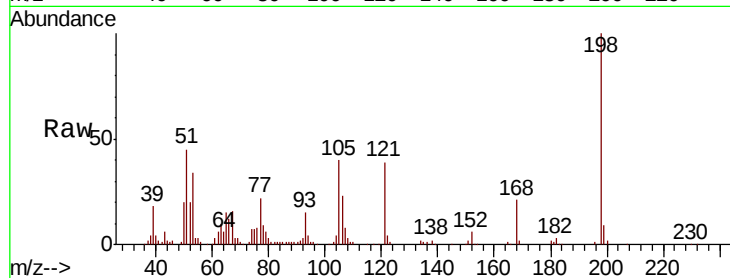
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 99039

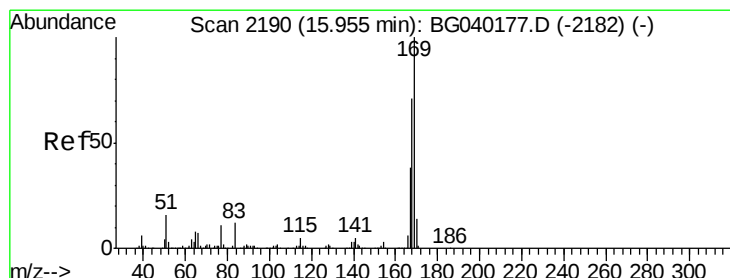
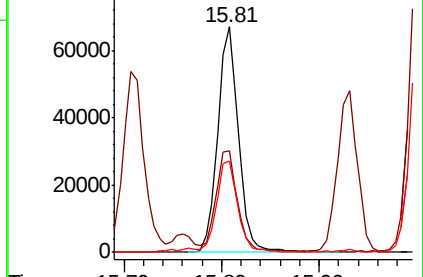
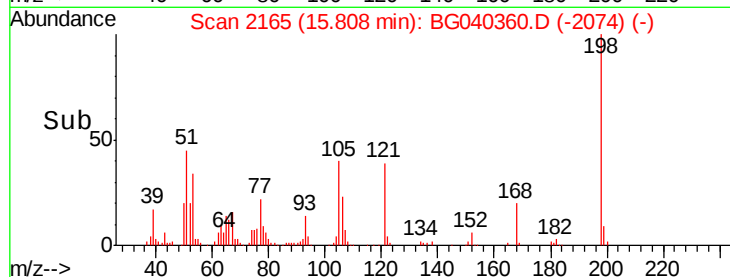
Ion	Ratio	Lower	Upper
198	100		
51	44.8	27.3	67.3
105	40.4	19.5	59.5



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: 39.098 ng

RT: 15.93 min Scan# 2186

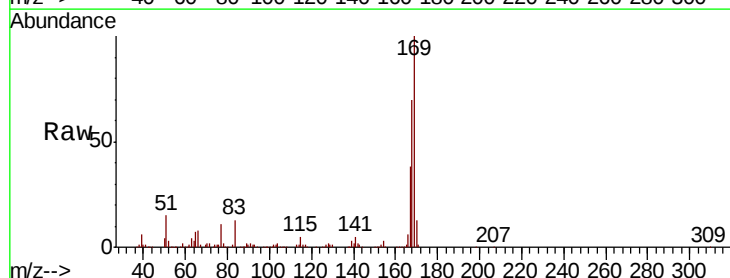
Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Tgt Ion:169 Resp: 467587

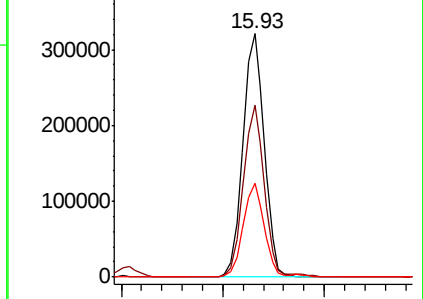
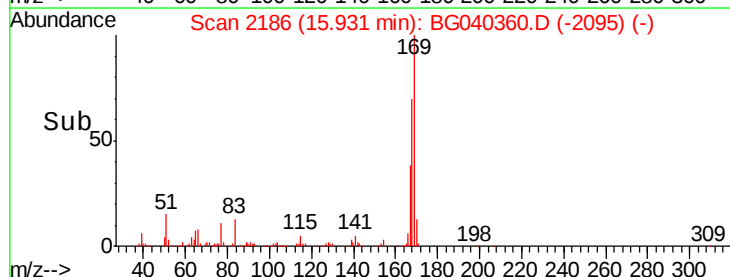
Ion	Ratio	Lower	Upper
169	100		
168	70.5	53.9	80.9
167	38.5	30.8	46.2

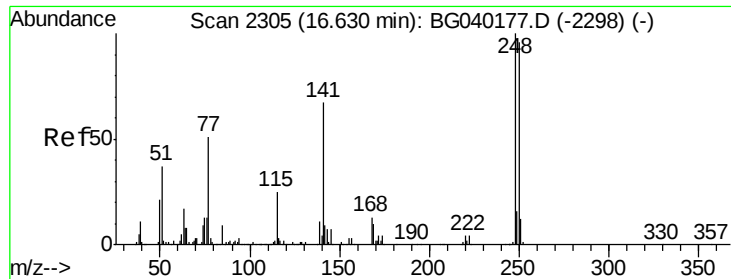


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

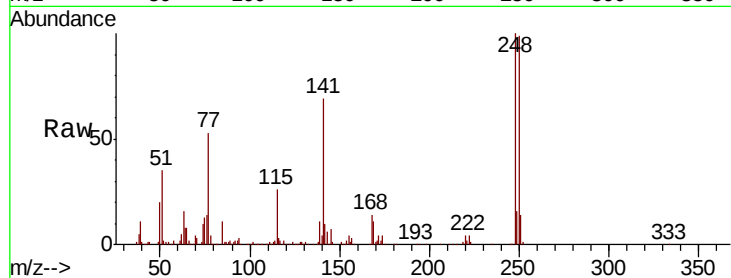




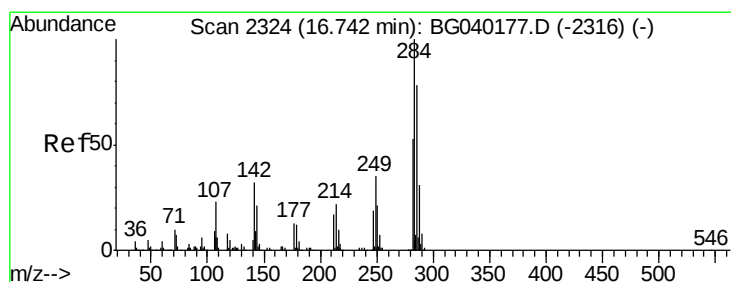
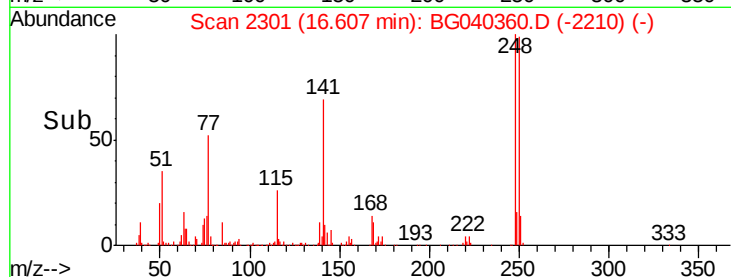
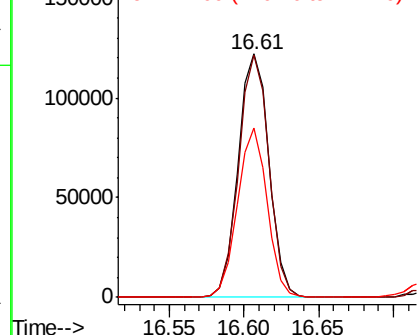
#67
4-Bromophenyl-phenylether
Concen: 38.113 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 175289
Ion Ratio Lower Upper
248 100
250 99.4 77.5 116.3
141 69.4 54.8 82.2

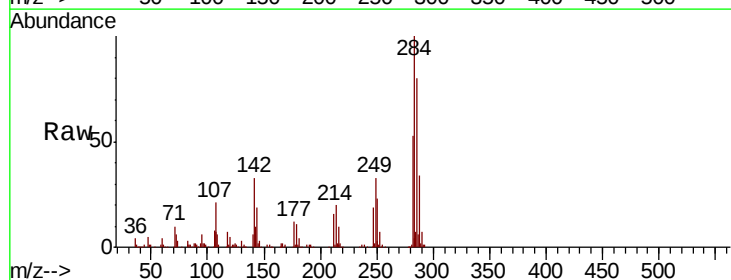


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

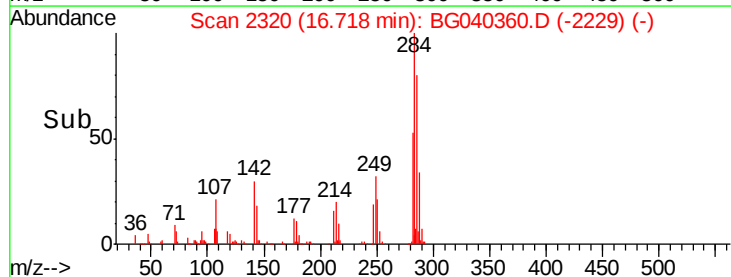
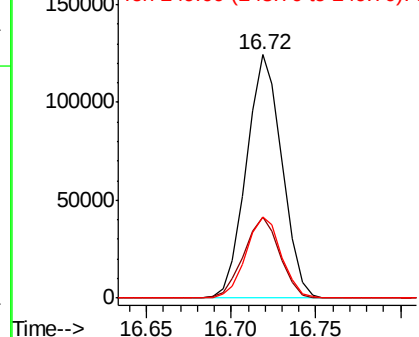


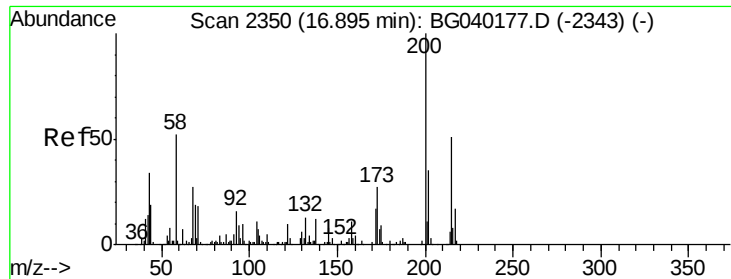
#68
Hexachlorobenzene
Concen: 39.366 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:284 Resp: 182040
Ion Ratio Lower Upper
284 100
142 33.1 28.6 42.8
249 36.2 27.3 40.9



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

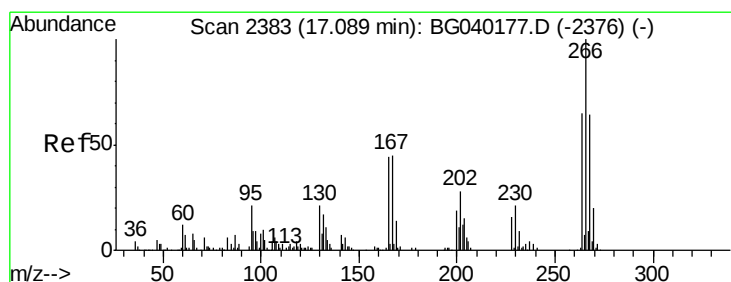
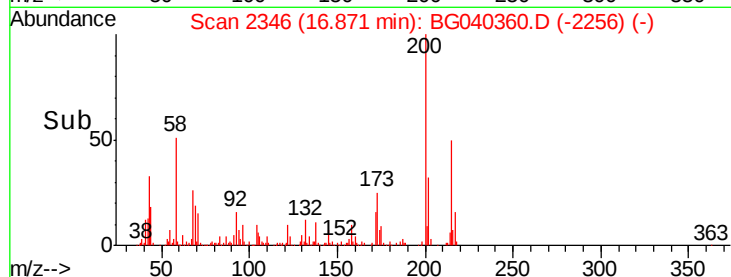
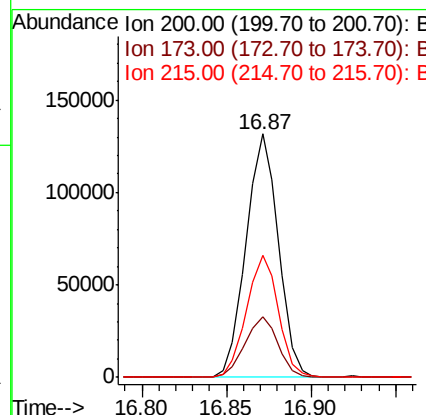
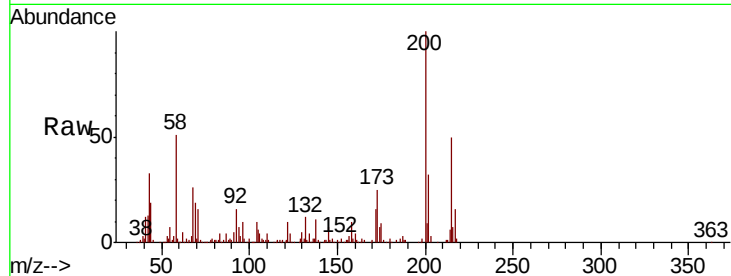




#69
 Atrazine
 Concen: 39.598 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

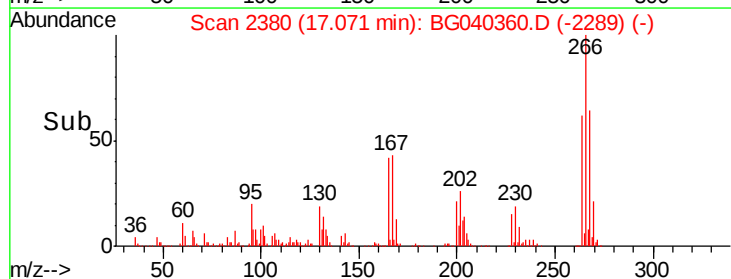
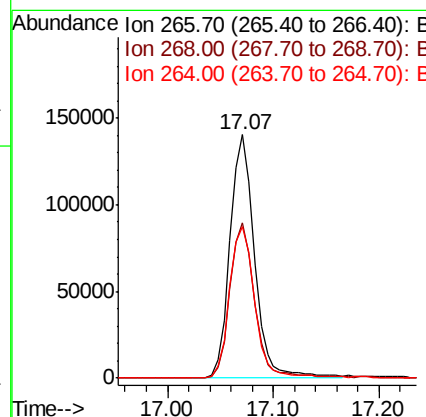
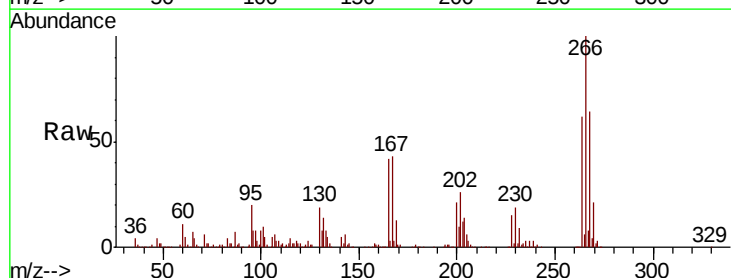
Instrument :
 BNA_G
 ClientSampleId :

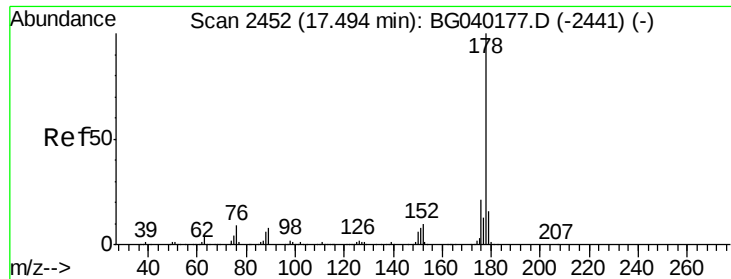
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.3	45.3
215	50.2	29.6	69.6



#70
 Pentachlorophenol
 Concen: 85.010 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG040360.D
 Acq: 4 Apr 2019 14:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.1	51.6	77.4

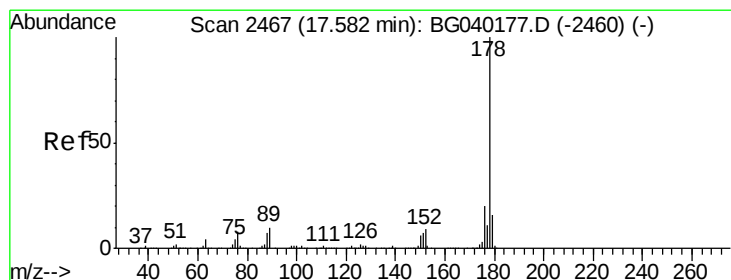
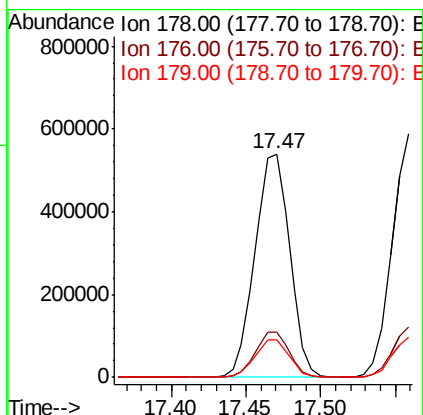
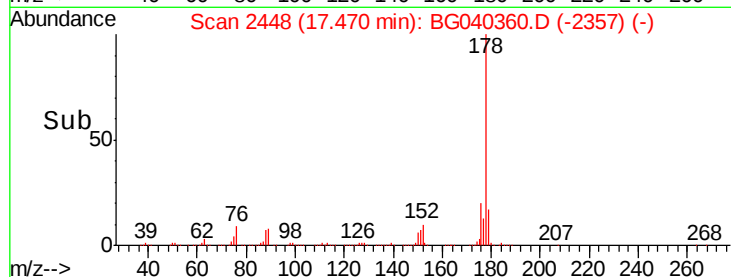
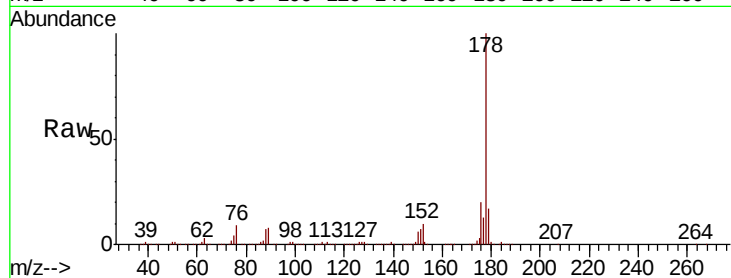




#71
Phenanthrene
Concen: 40.458 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

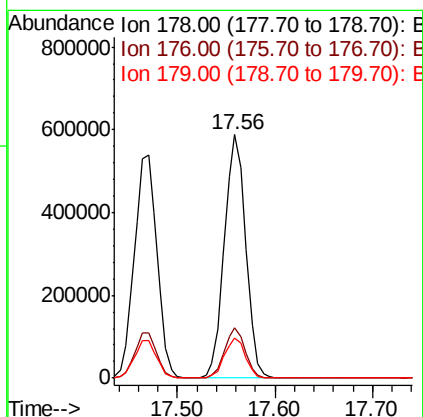
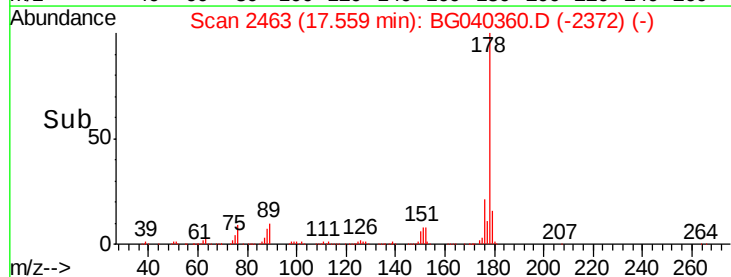
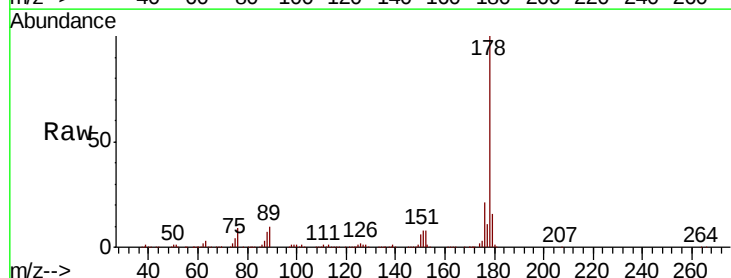
Instrument :
BNA_G
ClientSampleId :

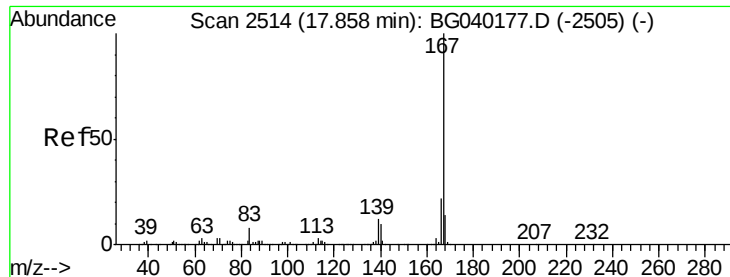
Tot Ion:178 Resp: 869095
Ion Ratio Lower Upper
178 100
176 20.2 16.8 25.2
179 16.7 13.5 20.3



#72
Anthracene
Concen: 41.466 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:178 Resp: 891561
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 16.5 13.3 19.9





#73

Carbazole

Concen: 43.000 ng

RT: 17.83 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

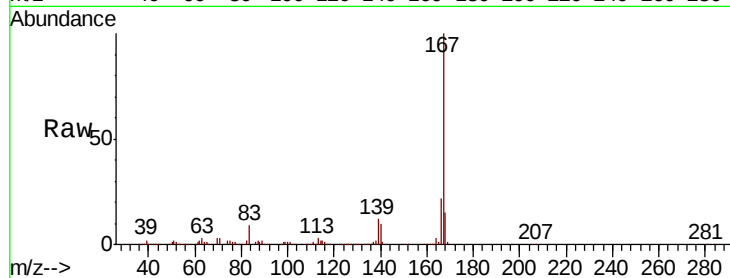
Tot Ion:167 Resp: 874988

Ion Ratio Lower Upper

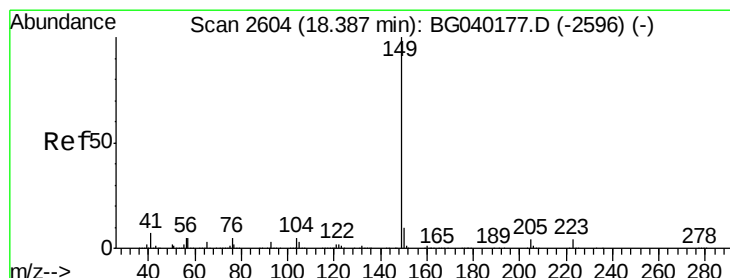
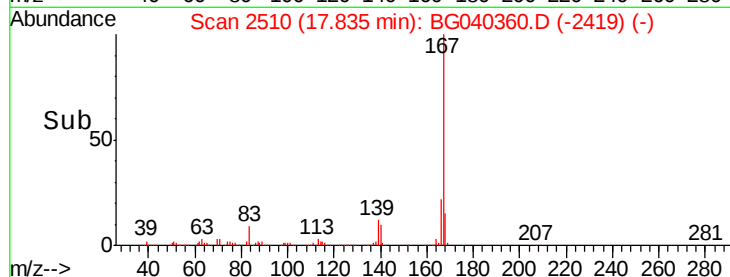
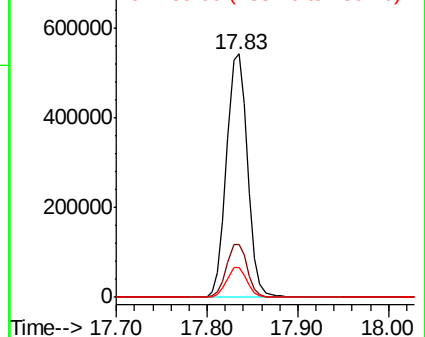
167 100

166 21.8 18.2 27.4

139 12.2 9.7 14.5



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: 42.695 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

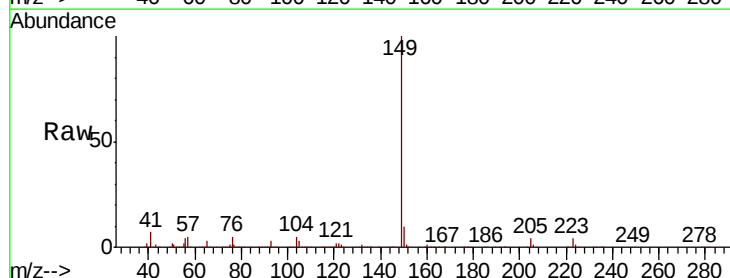
Tgt Ion:149 Resp: 1029799

Ion Ratio Lower Upper

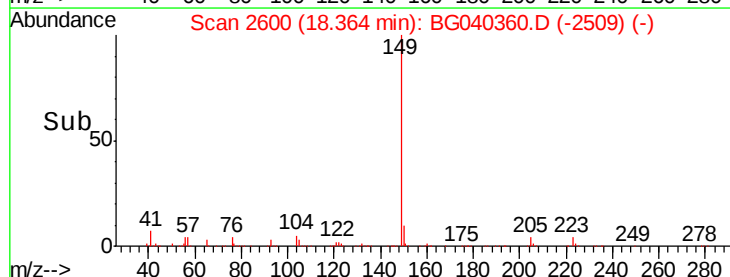
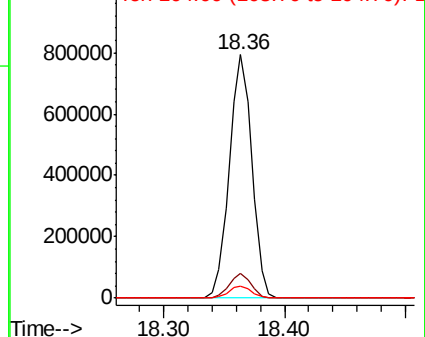
149 100

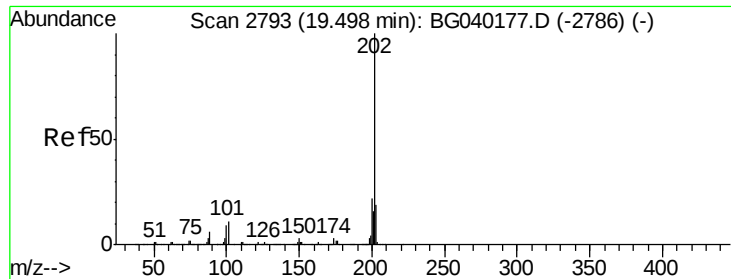
150 9.9 8.0 12.0

104 5.0 4.4 6.6



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

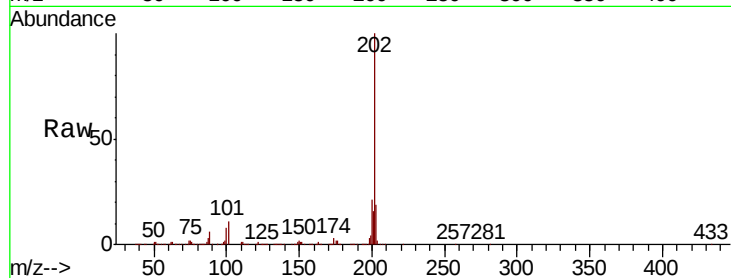




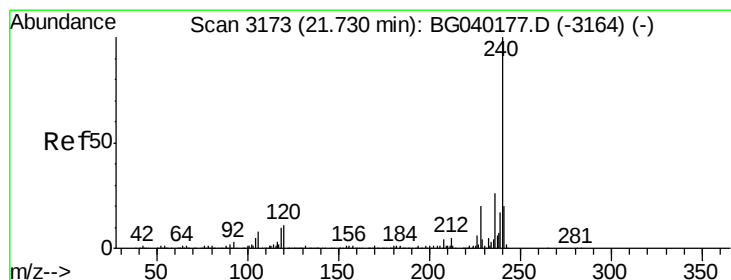
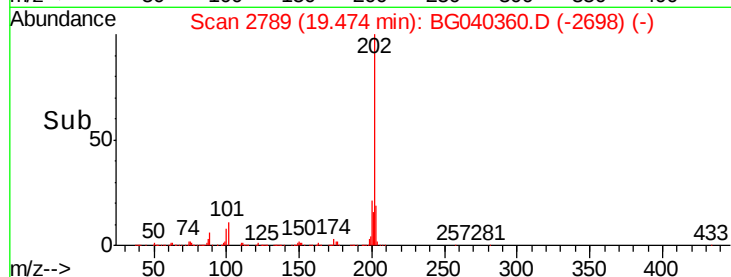
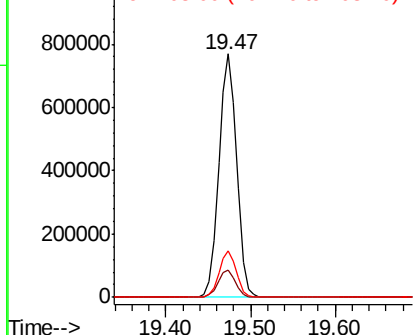
#75
Fluoranthene
Concen: 44.264 ng
RT: 19.47 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:202 Resp: 1125924
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.7
203 18.9 0.0 39.6

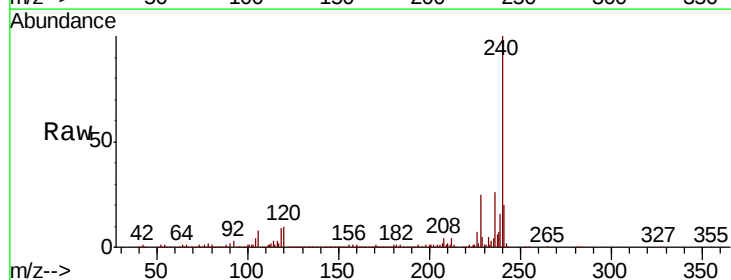


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

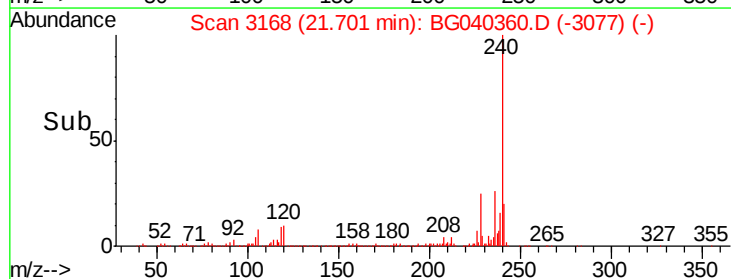
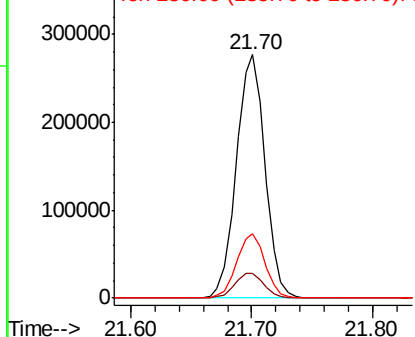


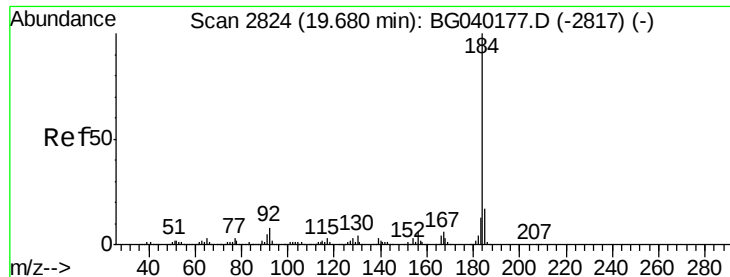
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:240 Resp: 457071
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 26.2 21.7 32.5



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: 31.243 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

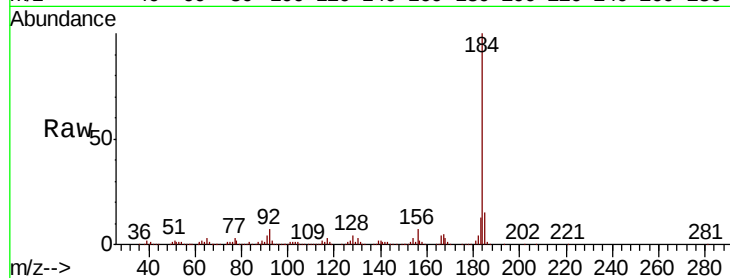
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 515680

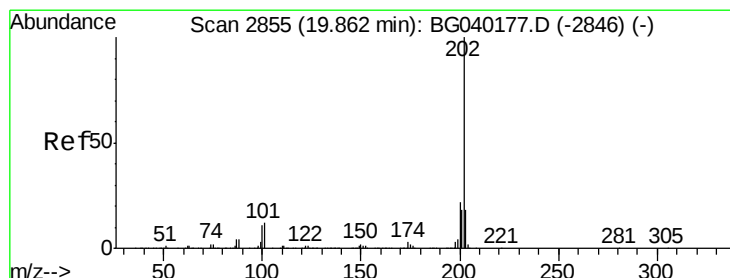
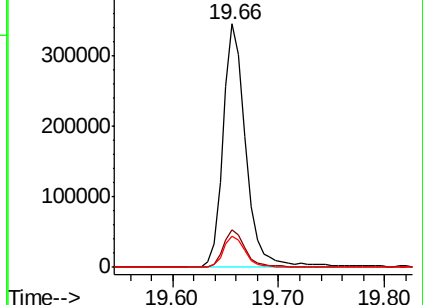
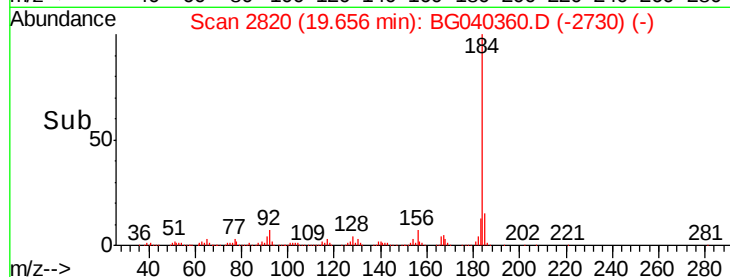
Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.4
183	12.6	10.2	15.4



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: 37.295 ng

RT: 19.84 min Scan# 2851

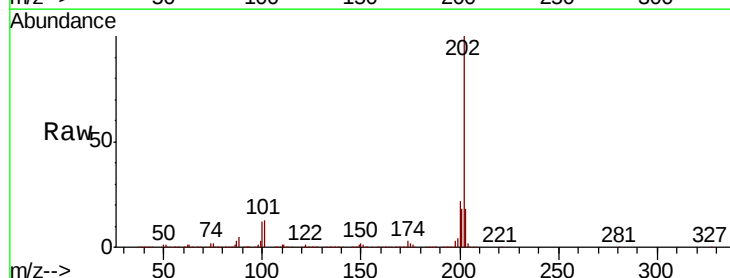
Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Tgt Ion:202 Resp: 1120982

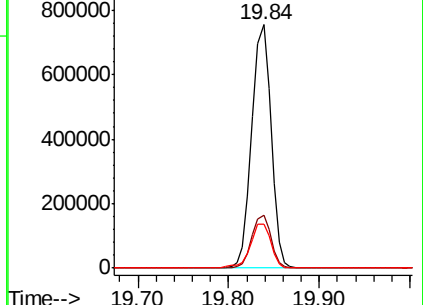
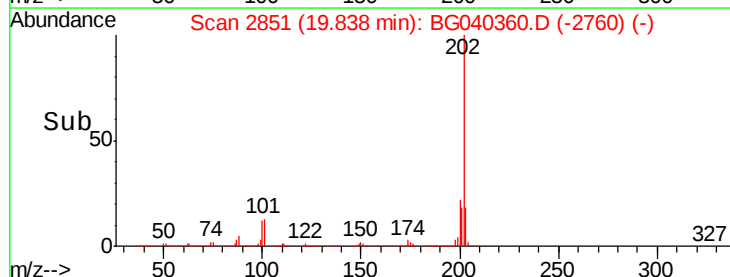
Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	18.3	15.9	23.9

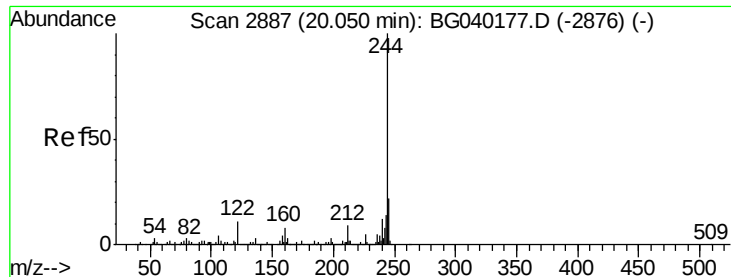


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.215 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

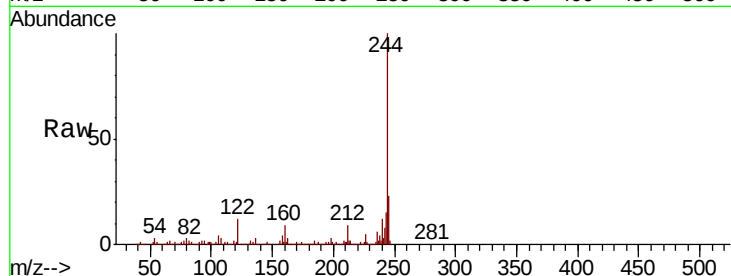
Tot Ion:244 Resp: 1589123

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

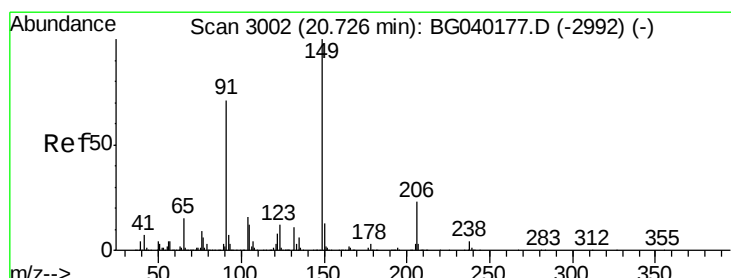
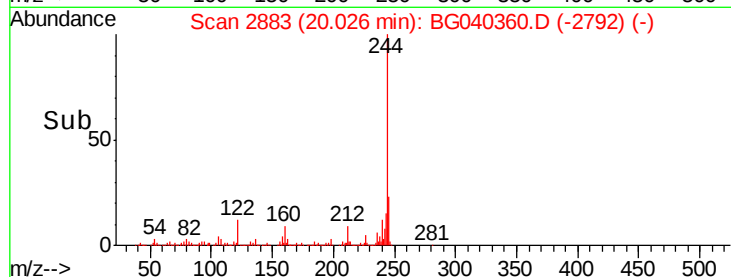
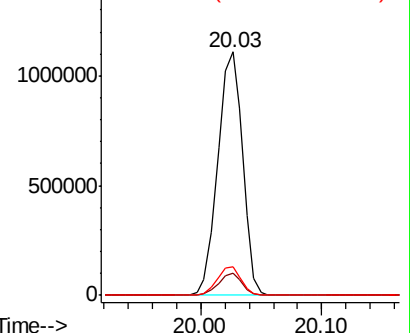
122 11.8 9.5 14.3



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: 39.937 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

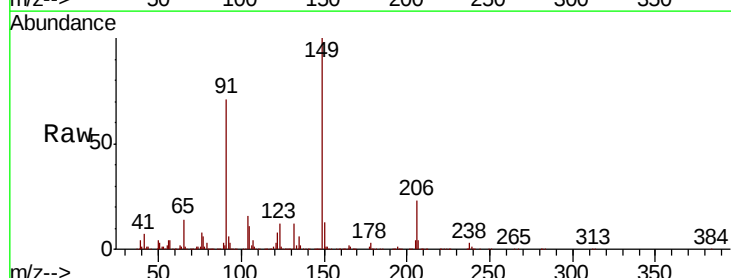
Tgt Ion:149 Resp: 513669

Ion Ratio Lower Upper

149 100

91 71.4 53.4 80.2

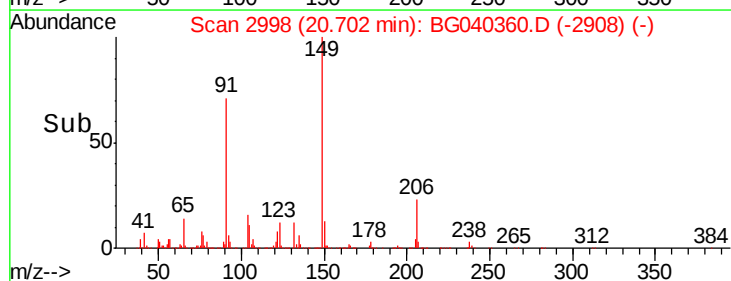
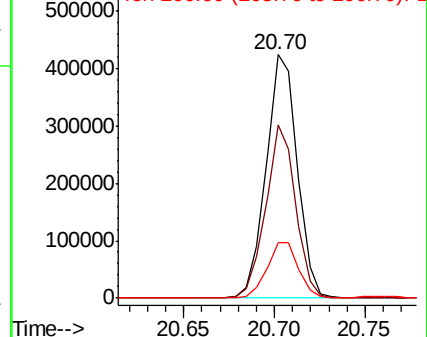
206 22.9 19.8 29.6

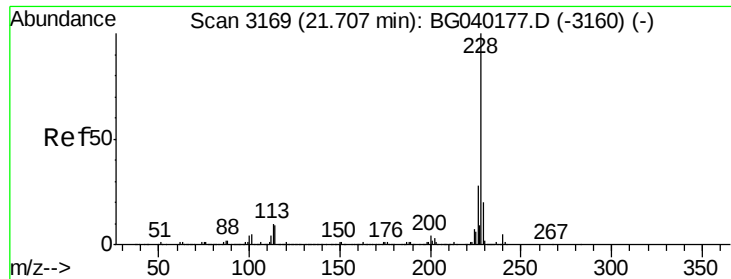


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.626 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

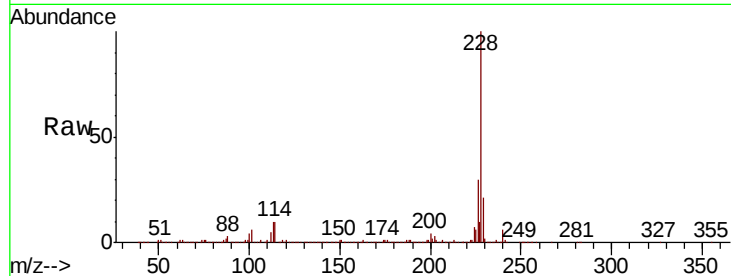
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1087429

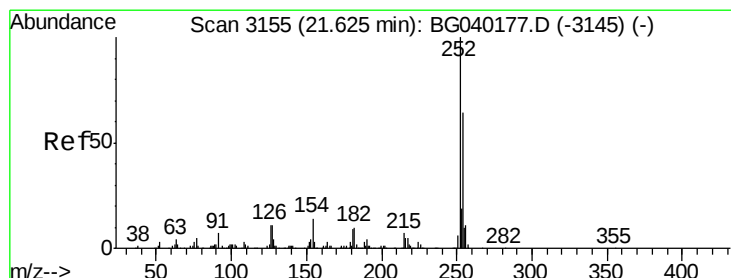
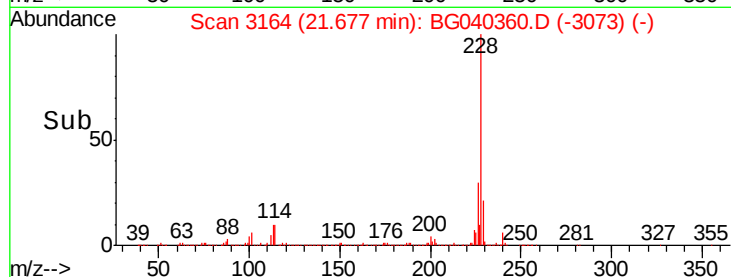
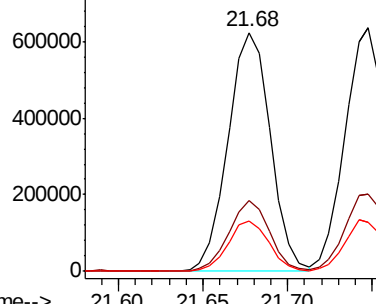
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	21.2	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.183 ng

RT: 21.60 min Scan# 3150

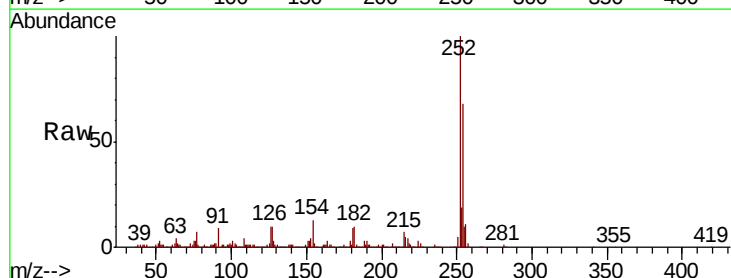
Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Tgt Ion:252 Resp: 291122

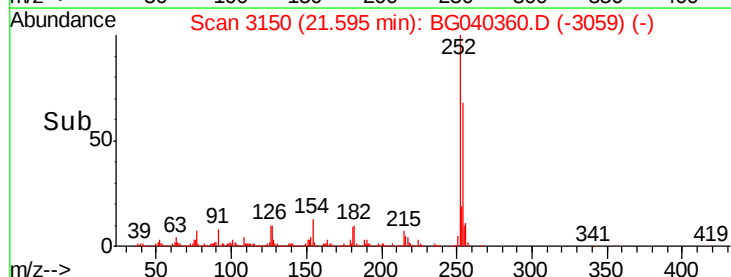
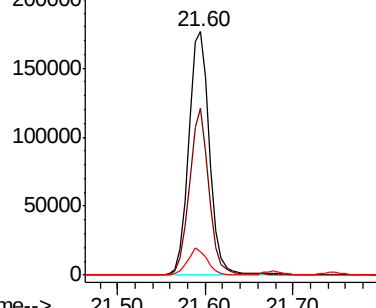
Ion	Ratio	Lower	Upper
252	100		
254	68.4	51.4	77.2
126	9.8	8.5	12.7

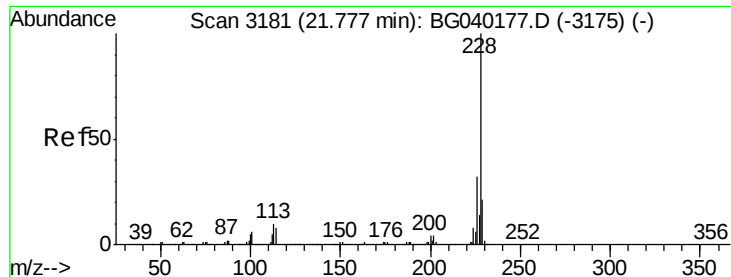


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.345 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampled :

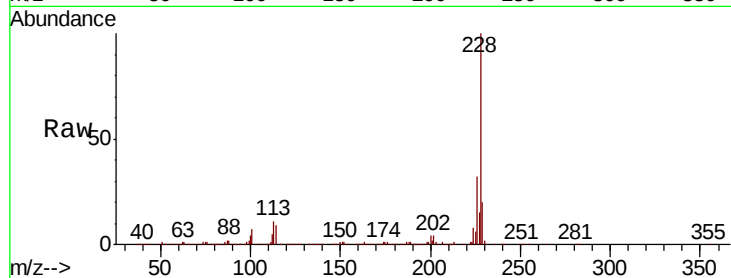
Tot Ion:228 Resp: 1064558

Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.6	39.8
229	20.3	17.0	25.4

228 100

226 31.8 26.6 39.8

229 20.3 17.0 25.4

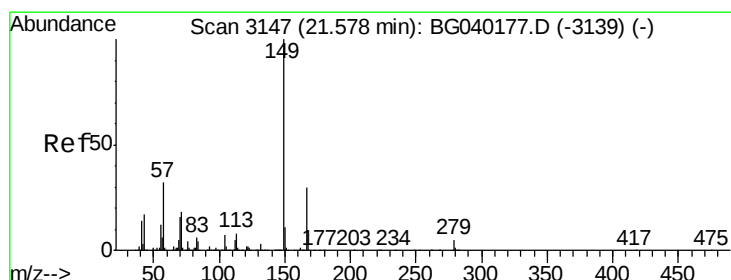
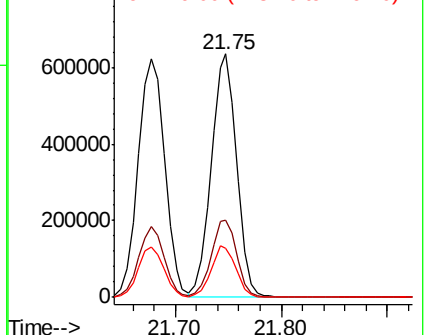
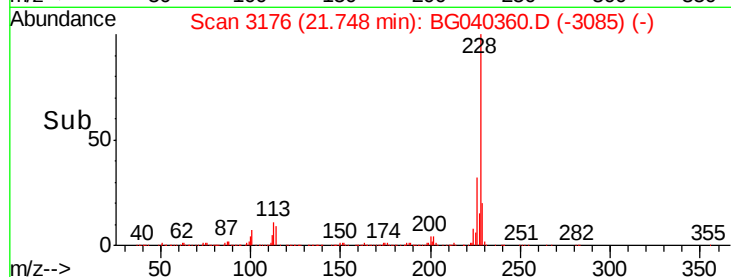


Abundance

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: 39.675 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

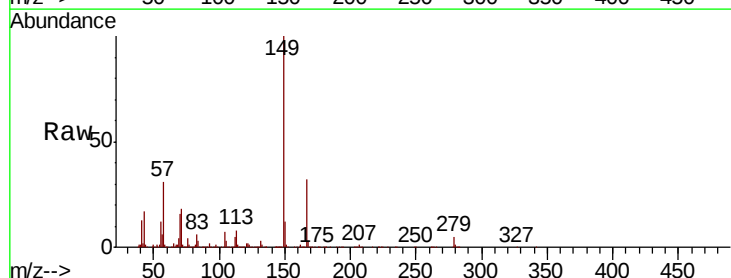
Tgt Ion:149 Resp: 729467

Ion	Ratio	Lower	Upper
149	100		
167	31.5	23.9	35.9
279	5.0	3.8	5.8

149 100

167 31.5 23.9 35.9

279 5.0 3.8 5.8

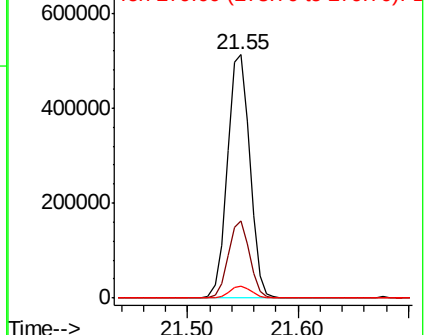
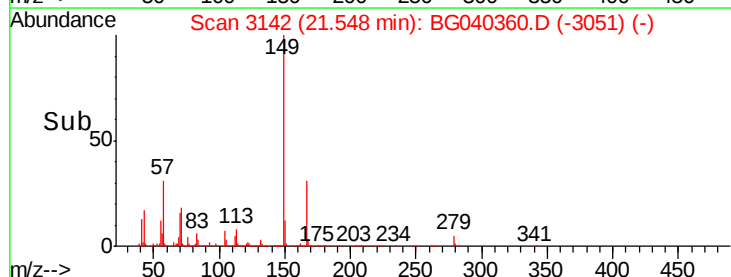


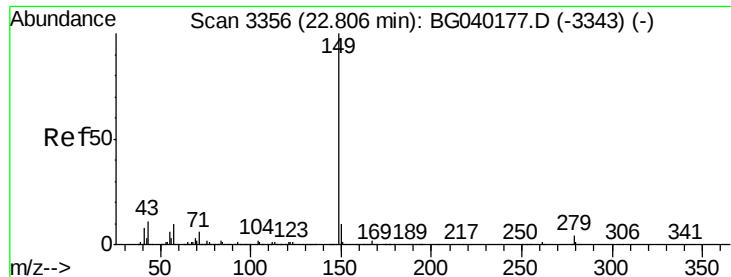
Abundance

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: 40.278 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

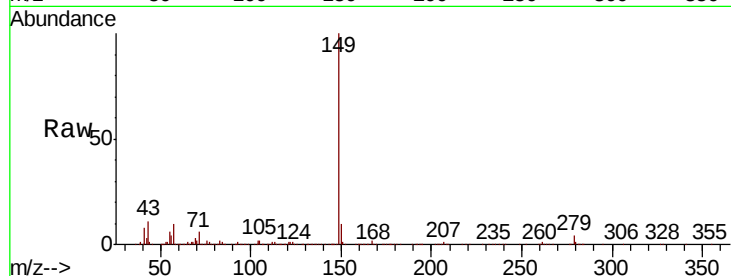
Tot Ion:149 Resp: 1261719

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

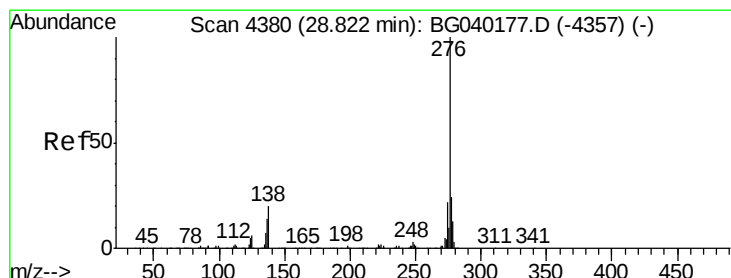
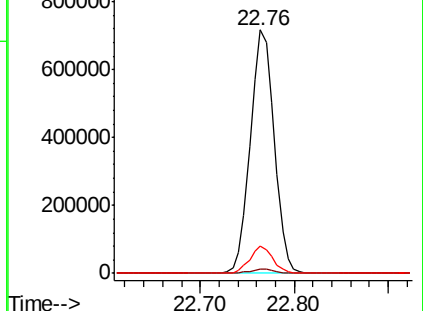
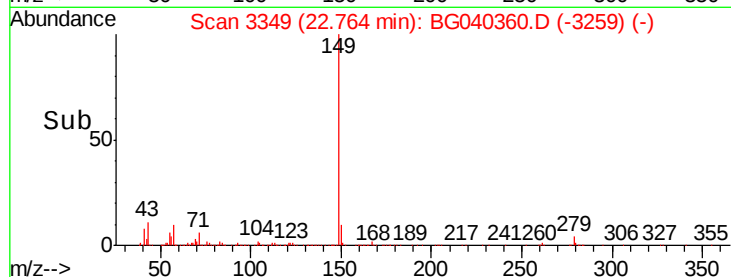
43 10.4 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.320 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.02 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

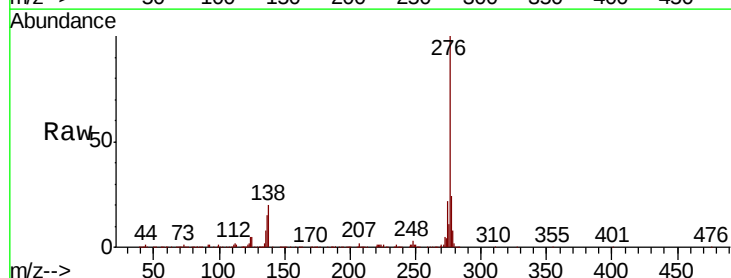
Tgt Ion:276 Resp: 1367365

Ion Ratio Lower Upper

276 100

138 8.8 19.0 28.4#

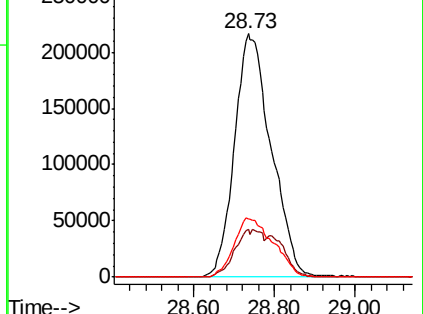
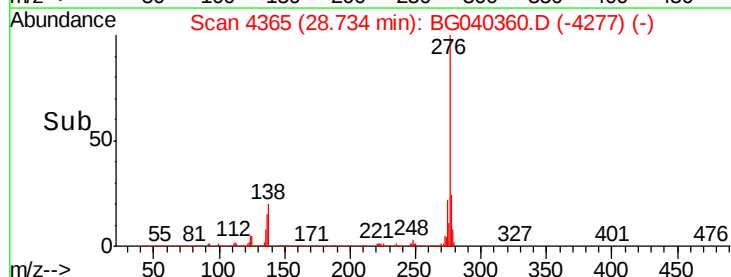
277 26.0 20.8 31.2

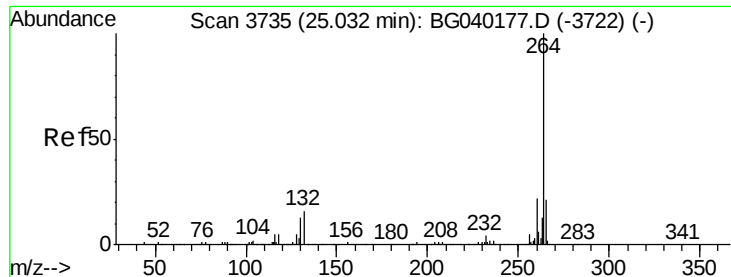


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



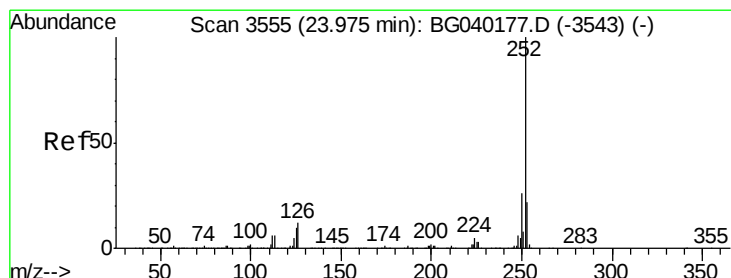
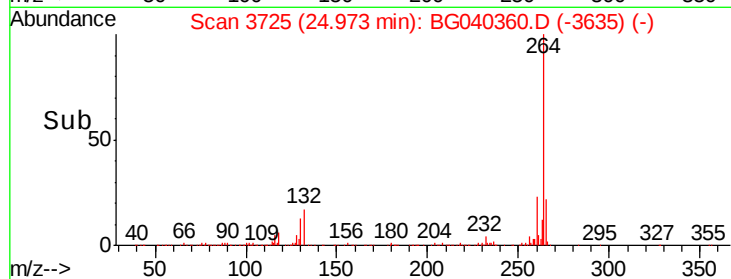
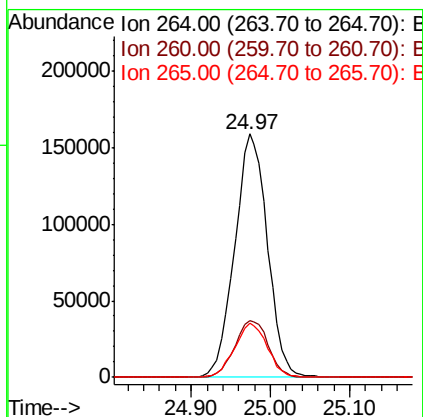
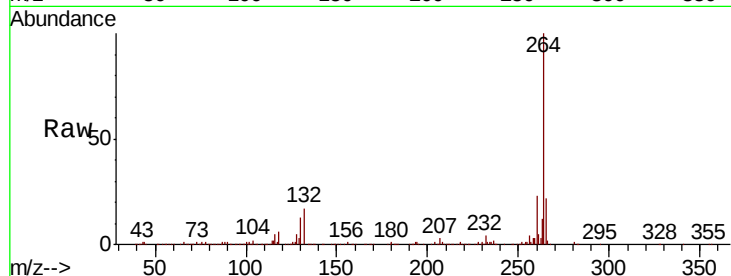


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 453720

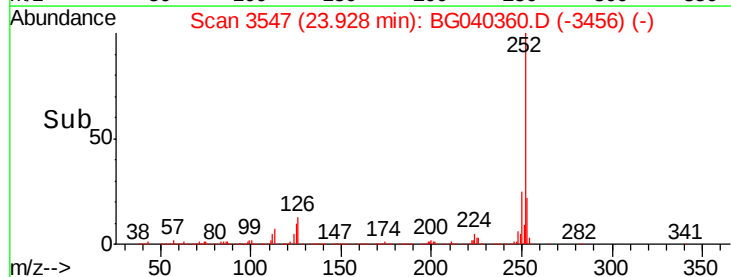
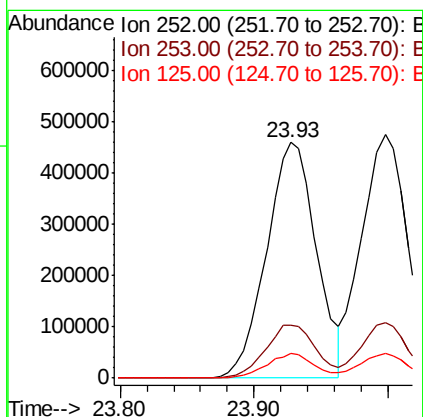
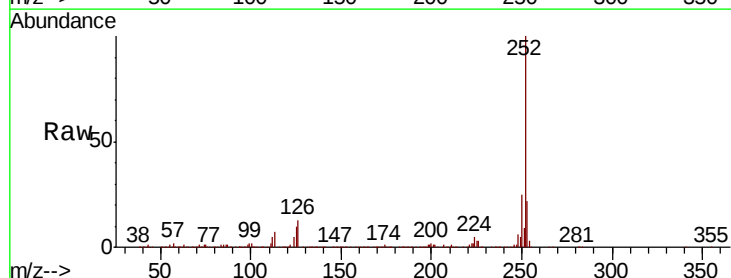
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.1	16.6	25.0

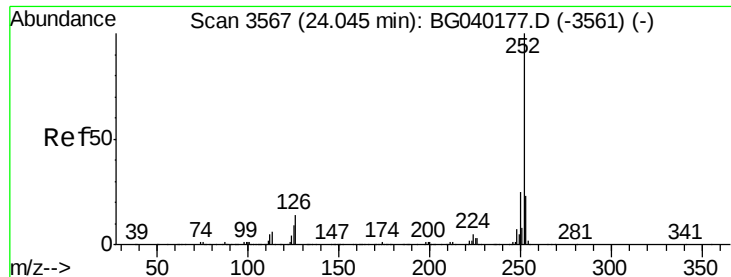


#88
Benzo(b)fluoranthene
Concen: 42.950 ng
RT: 23.93 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:252 Resp: 1193086

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	10.4	7.8	11.8

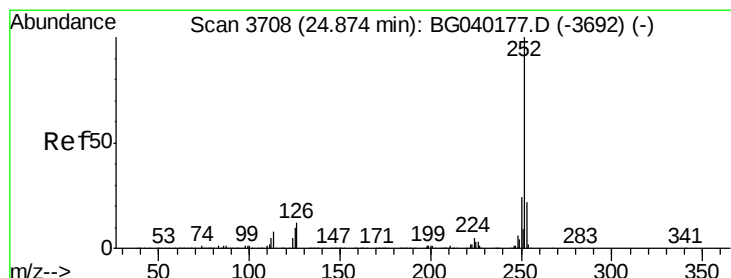
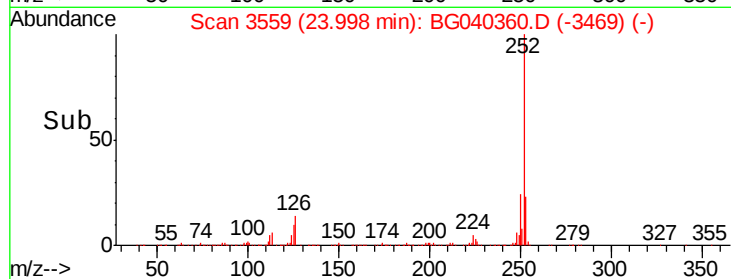
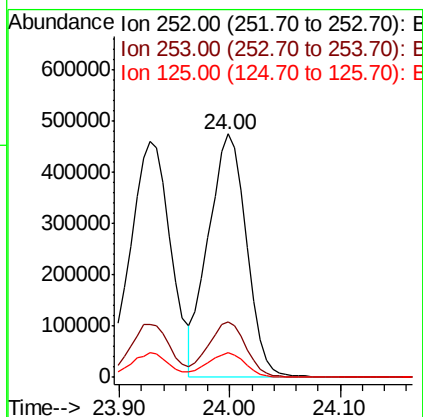
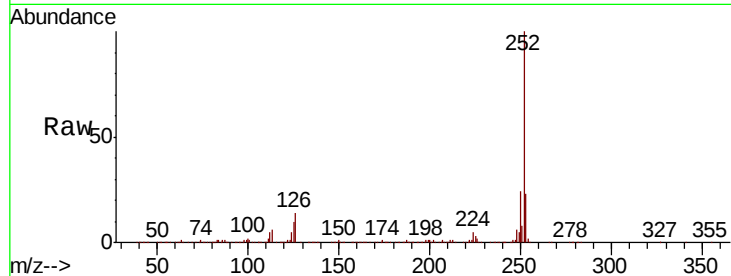




#89
Benzo(k)fluoranthene
Concen: 44.281 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

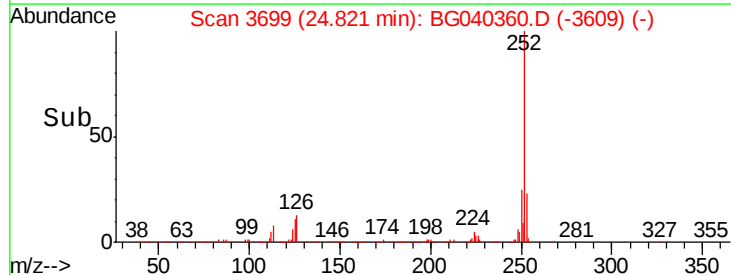
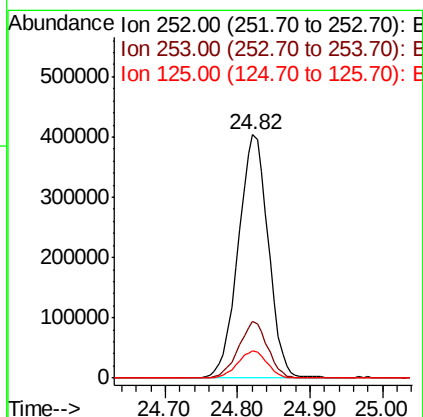
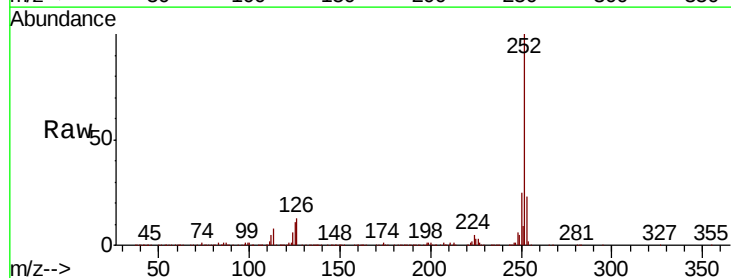
Instrument :
BNA_G
ClientSampleId :

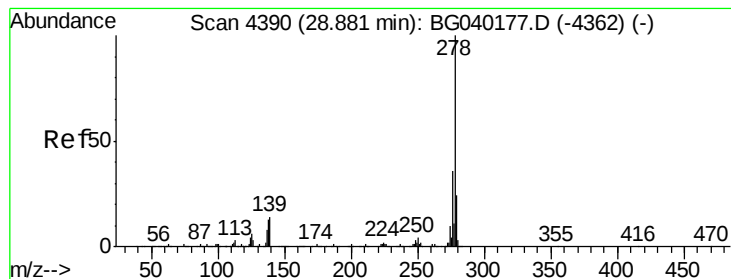
Tot Ion:252 Resp: 1131176
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 44.513 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG040360.D
Acq: 4 Apr 2019 14:36

Tgt Ion:252 Resp: 1160171
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 11.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 45.698 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

Instrument :

BNA_G

ClientSampleId :

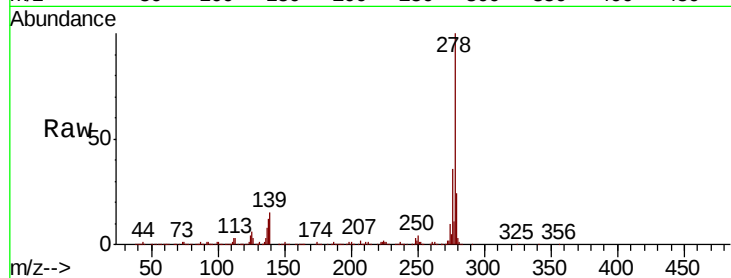
Tot Ion:278 Resp: 1106184

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.8

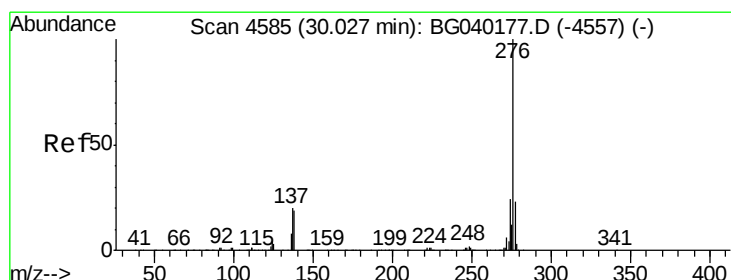
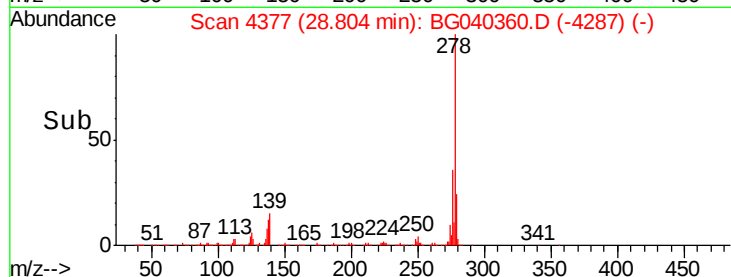
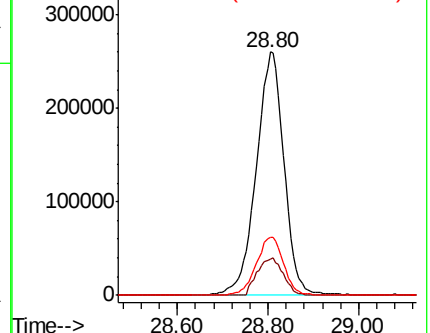
279 24.0 19.0 28.4



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: 45.913 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.00 min

Lab File: BG040360.D

Acq: 4 Apr 2019 14:36

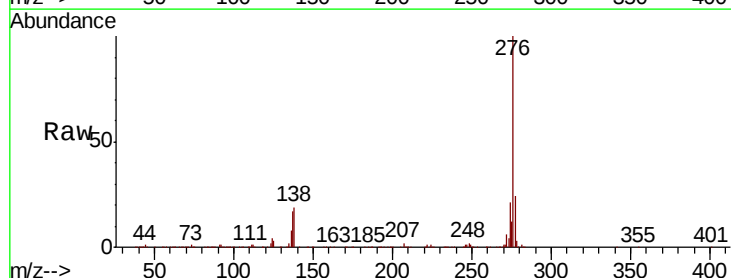
Tgt Ion:276 Resp: 1142176

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 19.0 16.9 25.3



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

