

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040196.D
 Acq On : 28 Mar 2019 12:22
 Operator : JU/SJ
 Sample : PB118303BS
 Misc : MDL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

Quant Time: Mar 29 05:43:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55555	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	236373	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	143814	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	361746	20.00	ng	0.00
76) Chrysene-d12	21.72	240	380997	20.00	ng	0.00
87) Perylene-d12	25.03	264	345311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	457436	136.88	ng	0.00
7) Phenol-d6	7.22	99	607483	131.53	ng	0.00
23) Nitrobenzene-d5	9.25	82	332039	74.67	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	210213	135.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	744943	76.75	ng	0.00
79) Terphenyl-d14	20.04	244	1276653	75.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	62083	39.509	ng	96
3) Pyridine	3.92	79	140584	33.228	ng	97
4) n-Nitrosodimethylamine	3.84	42	73352	37.481	ng	# 96
6) Aniline	7.39	93	178088	29.679	ng	99
8) 2-Chlorophenol	7.63	128	158088	40.412	ng	97
9) Benzaldehyde	7.21	77	45832	14.467	ng	96
10) Phenol	7.25	94	205687	41.031	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	153176	38.150	ng	99
12) 1,3-Dichlorobenzene	7.95	146	161645	38.012	ng	96
13) 1,4-Dichlorobenzene	8.11	146	164631	38.870	ng	100
14) 1,2-Dichlorobenzene	8.42	146	156192	38.563	ng	97
15) Benzyl Alcohol	8.31	79	142468	38.303	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	289644	37.588	ng	99
17) 2-Methylphenol	8.51	107	138263	39.858	ng	98
18) Hexachloroethane	9.15	117	60602	37.616	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	116880	35.297	ng	99
20) 3+4-Methylphenols	8.83	107	188042	40.015	ng	96
22) Acetophenone	8.90	105	236927	40.182	ng	95
24) Nitrobenzene	9.29	77	177858	38.623	ng	97
25) Isophorone	9.80	82	342022	37.379	ng	98
26) 2-Nitrophenol	10.00	139	81494	37.348	ng	98
27) 2,4-Dimethylphenol	10.04	122	154848	44.676	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	203909	37.667	ng	99
29) 2,4-Dichlorophenol	10.53	162	157499	41.865	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	167451	40.536	ng	98
31) Naphthalene	10.94	128	481866	39.772	ng	98
32) Benzoic acid	10.19	122	70693	33.758	ng	95
33) 4-Chloroaniline	11.05	127	135197	26.160	ng	96
34) Hexachlorobutadiene	11.20	225	100936	38.205	ng	93
35) Caprolactam	11.83	113	28160	18.862	ng	92
36) 4-Chloro-3-methylphenol	12.16	107	171231	39.591	ng	97
37) 2-Methylnaphthalene	12.53	142	356250	39.757	ng	98
38) 1-Methylnaphthalene	12.75	142	338954	39.009	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	179493	39.269	ng	99

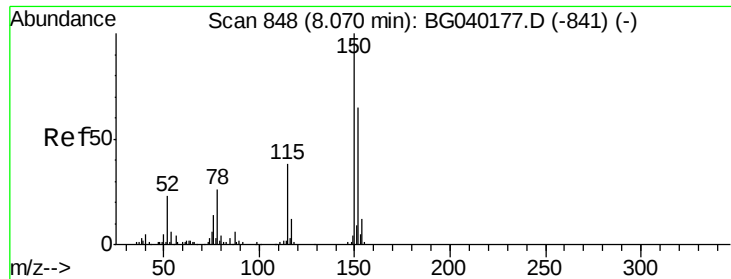
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040196.D
 Acq On : 28 Mar 2019 12:22
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	206391	82.235	ng	95
43) 2,4,6-Trichlorophenol	13.14	196	121817	41.336	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	132398	41.218	ng	99
46) 1,1'-Biphenyl	13.53	154	449316	39.541	ng	99
47) 2-Chloronaphthalene	13.58	162	349253	40.069	ng	98
48) 2-Nitroaniline	13.79	65	115849	39.403	ng	94
49) Acenaphthylene	14.43	152	582215	39.397	ng	99
50) Dimethylphthalate	14.15	163	453347	40.278	ng	99
51) 2,6-Dinitrotoluene	14.28	165	103124	40.805	ng	99
52) Acenaphthene	14.77	154	335197	39.583	ng	97
53) 3-Nitroaniline	14.62	138	77416	28.939	ng	# 89
54) 2,4-Dinitrophenol	14.82	184	124579	92.689	ng	96
55) Dibenzofuran	15.10	168	555040	40.790	ng	99
56) 4-Nitrophenol	14.92	139	185119	85.739	ng	98
57) 2,4-Dinitrotoluene	15.07	165	148575	42.309	ng	97
58) Fluorene	15.75	166	433712	40.541	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	123457	42.354	ng	97
60) Diethylphthalate	15.50	149	486697	42.257	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	234432	40.995	ng	99
62) 4-Nitroaniline	15.78	138	118264	41.194	ng	96
63) Azobenzene	16.03	77	441830	40.669	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	83792	41.229	ng	98
66) n-Nitrosodiphenylamine	15.95	169	406355	38.387	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	154070	37.847	ng	100
68) Hexachlorobenzene	16.74	284	158884	38.817	ng	95
69) Atrazine	16.90	200	151662	38.514	ng	98
70) Pentachlorophenol	17.09	266	185016	78.185	ng	93
71) Phenanthrene	17.49	178	763143	40.136	ng	99
72) Anthracene	17.58	178	776479	40.800	ng	100
73) Carbazole	17.85	167	747337	41.493	ng	99
74) Di-n-butylphthalate	18.39	149	897553	42.041	ng	99
75) Fluoranthene	19.50	202	977007	43.394	ng	100
77) Benzidine	19.68	184	329555	23.953	ng	98
78) Pyrene	19.86	202	979333	39.088	ng	100
80) Butylbenzylphthalate	20.73	149	423340	39.486	ng	98
81) Benzo(a)anthracene	21.71	228	911602	38.846	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	283305	31.735	ng	98
83) Chrysene	21.78	228	871579	38.645	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	587636	38.343	ng	99
85) Di-n-octyl phthalate	22.81	149	1018039	38.988	ng	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	1086627	39.393	ng	# 92
88) Benzo(b)fluoranthene	23.97	252	950543	44.961	ng	98
89) Benzo(k)fluoranthene	24.04	252	922425	47.445	ng	98
90) Benzo(a)pyrene	24.87	252	925925	46.679	ng	99
91) Dibenzo(a,h)anthracene	28.89	278	877448	47.628	ng	97
92) Benzo(g,h,i)perylene	30.02	276	898670	47.465	ng	96

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

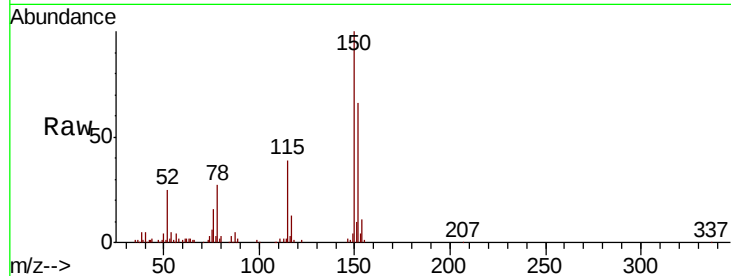


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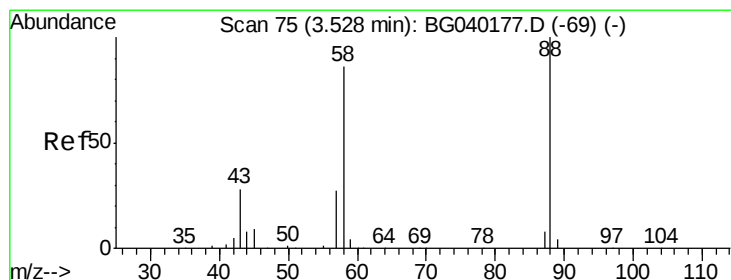
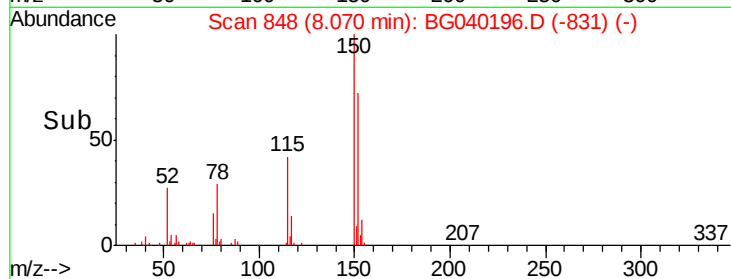
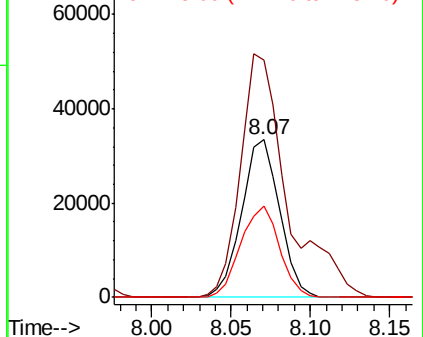
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion:152 Resp: 55555
Ion Ratio Lower Upper
152 100
150 150.6 123.7 185.5
115 58.3 46.9 70.3



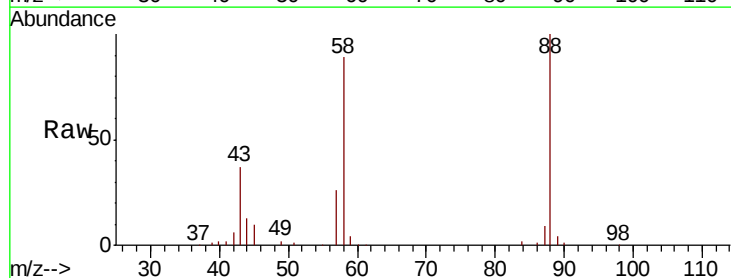
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



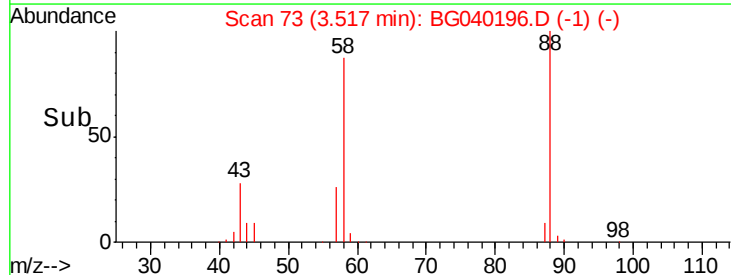
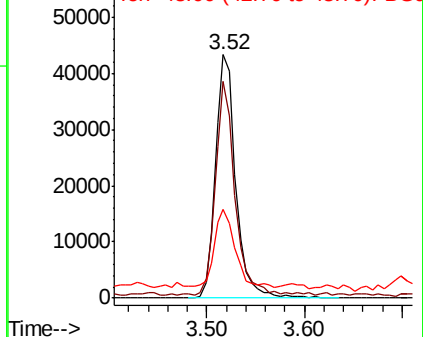
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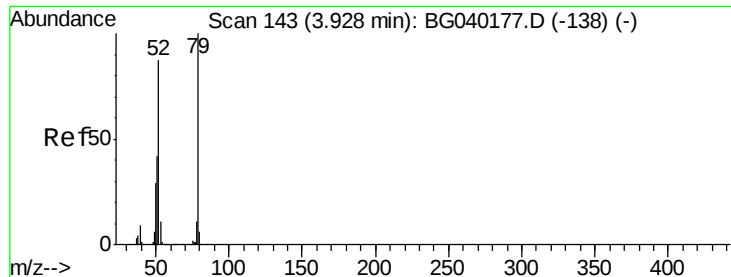
1,4-Dioxane
Concen: 39.509 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion: 88 Resp: 62083
Ion Ratio Lower Upper
88 100
58 84.6 70.6 106.0
43 32.9 24.8 37.2



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

Pyridine

Concen: 33.228 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

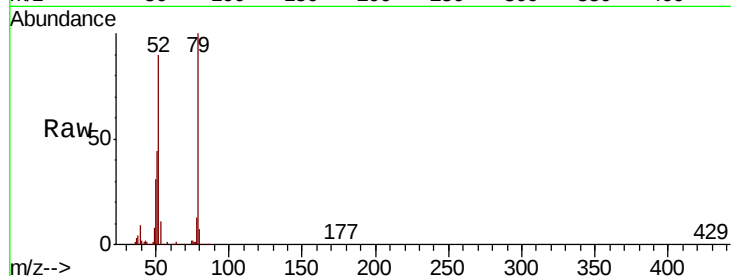
Tgt Ion: 79 Resp: 140584

Ion Ratio Lower Upper

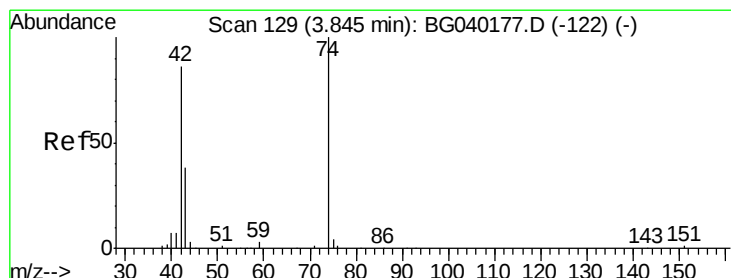
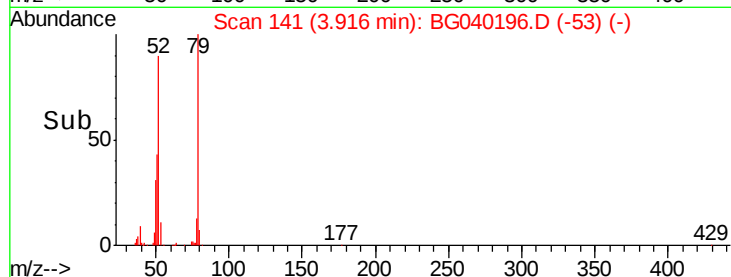
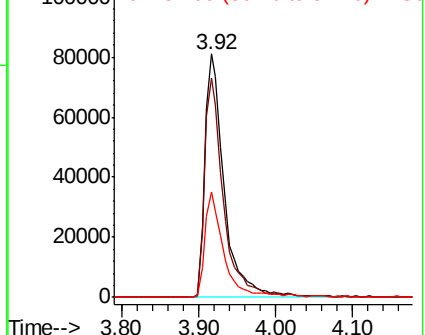
79 100

52 90.1 69.8 104.8

51 43.5 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.481 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

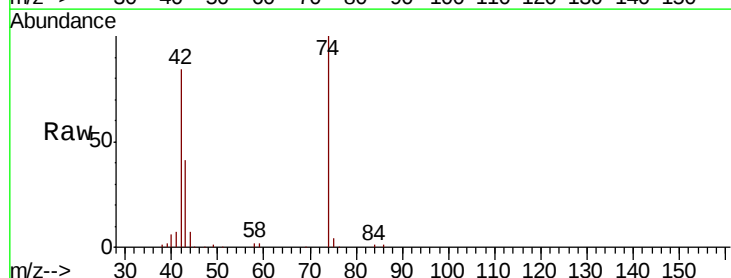
Tgt Ion: 42 Resp: 73352

Ion Ratio Lower Upper

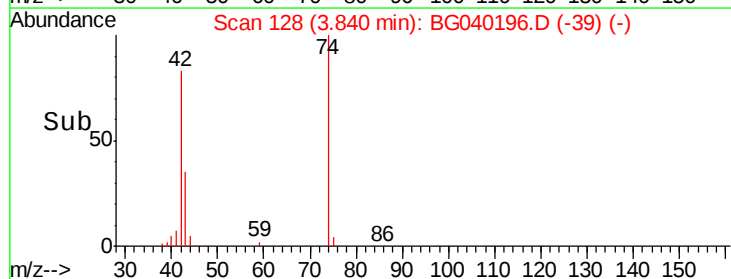
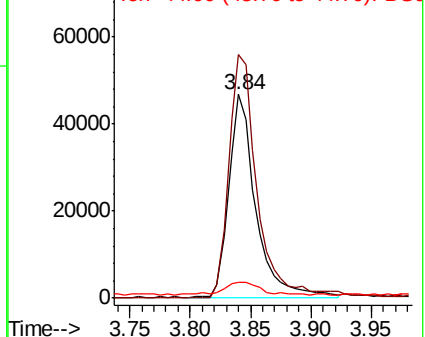
42 100

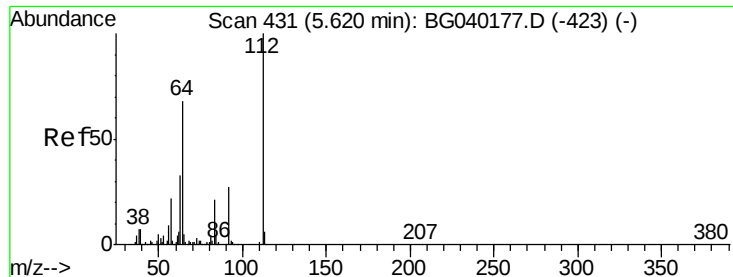
74 119.4 92.9 139.3

44 7.9 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.882 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

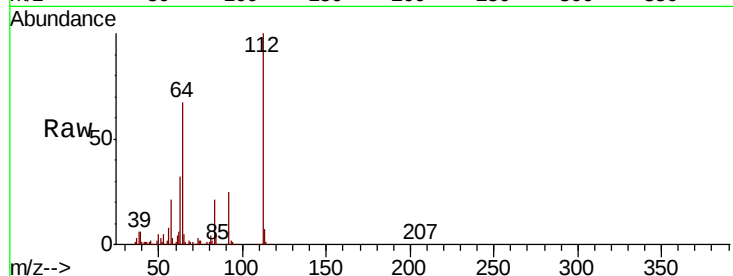
Tgt Ion: 112 Resp: 457436

Ion Ratio Lower Upper

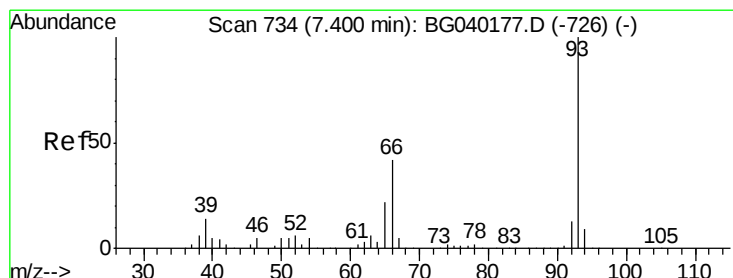
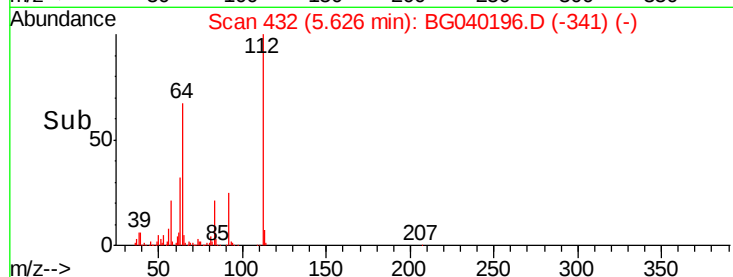
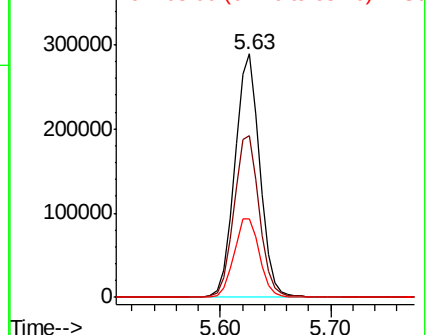
112 100

64 66.5 54.2 81.2

63 32.2 26.4 39.6



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: 29.679 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

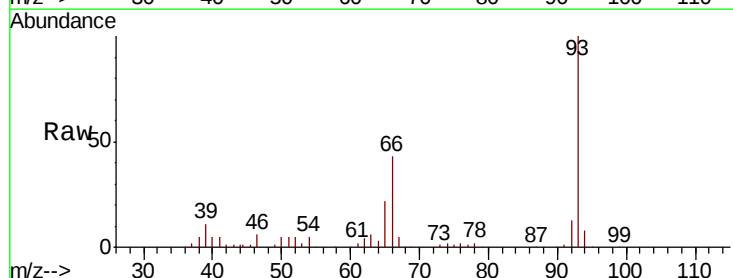
Tgt Ion: 93 Resp: 178088

Ion Ratio Lower Upper

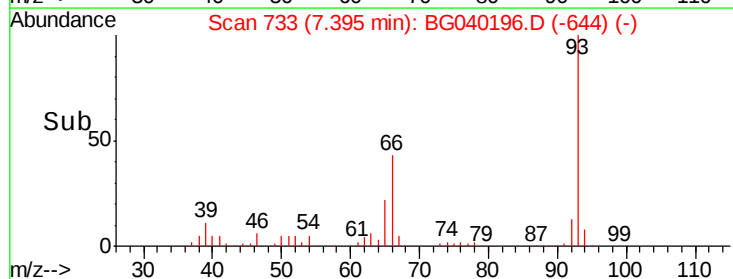
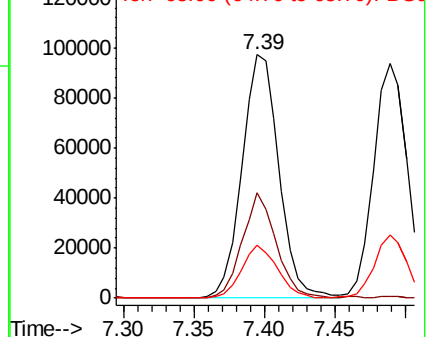
93 100

66 43.1 33.6 50.4

65 21.7 17.4 26.2



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: 131.534 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

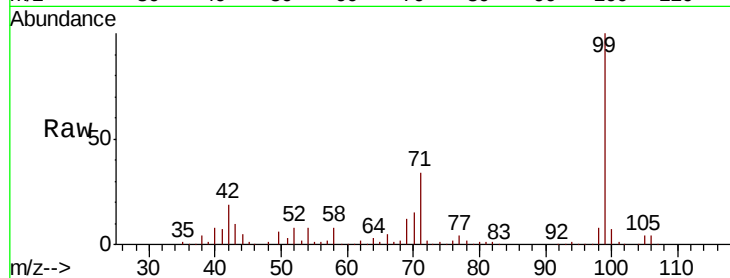
Tgt Ion: 99 Resp: 607483

Ion Ratio Lower Upper

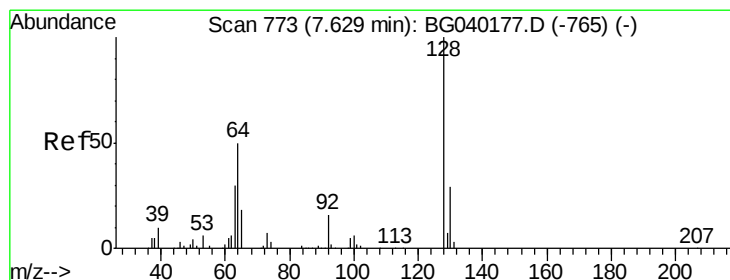
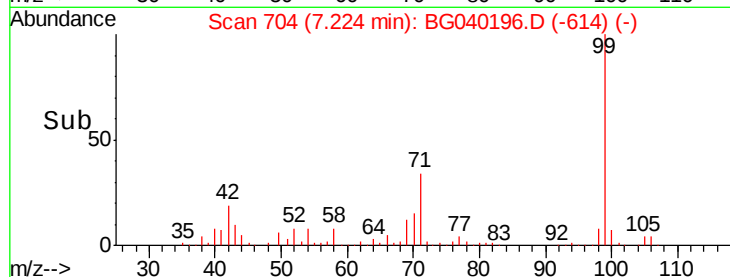
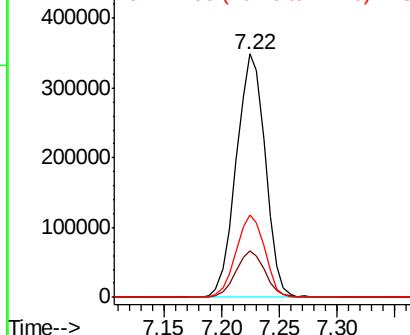
99 100

42 19.0 16.2 24.2

71 34.0 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.412 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

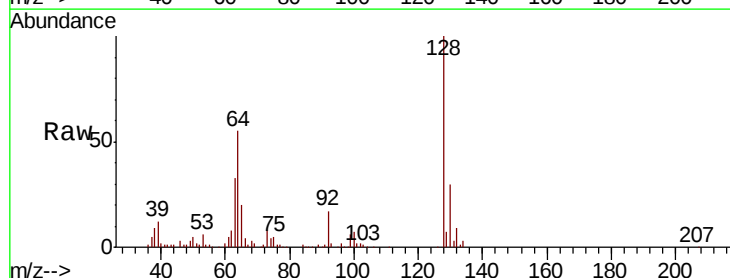
Tgt Ion: 128 Resp: 158088

Ion Ratio Lower Upper

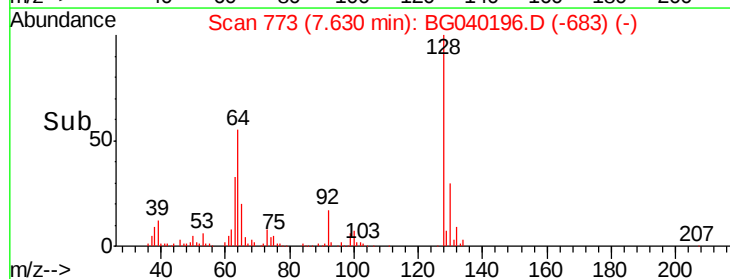
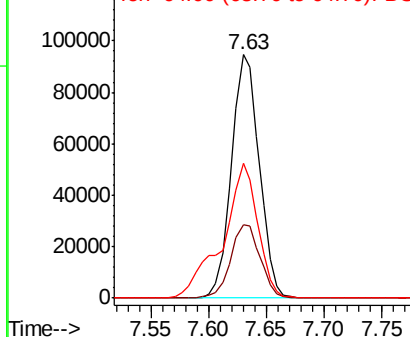
128 100

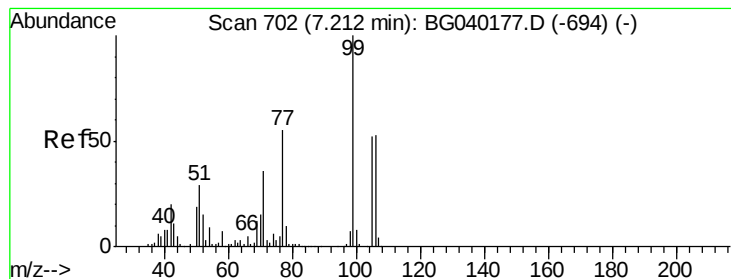
130 30.1 9.1 49.1

64 55.2 33.1 73.1



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





#9

Benzaldehyde

Concen: 14.467 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

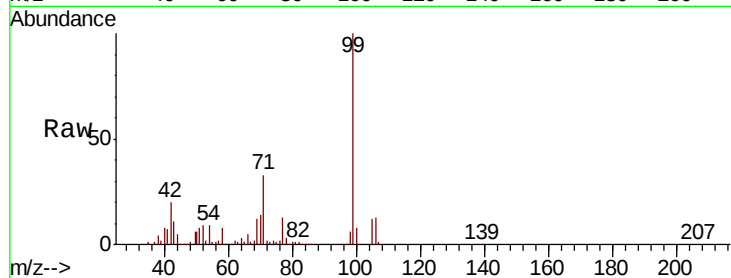
Tgt Ion: 77 Resp: 45832

Ion Ratio Lower Upper

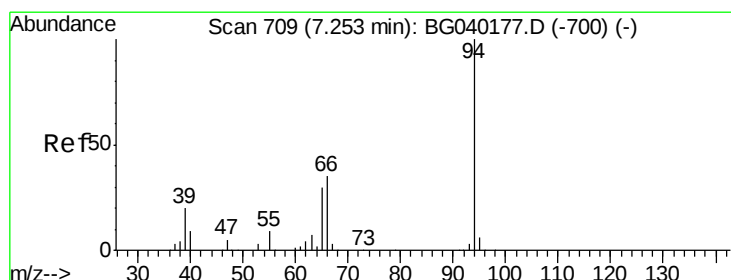
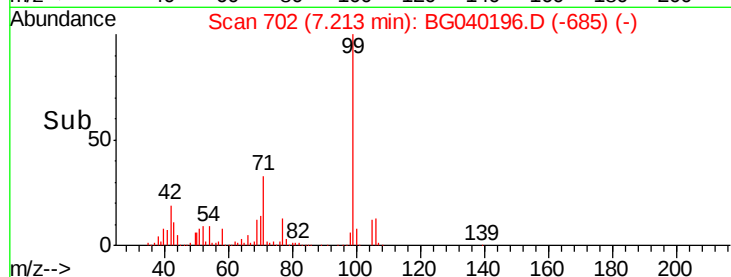
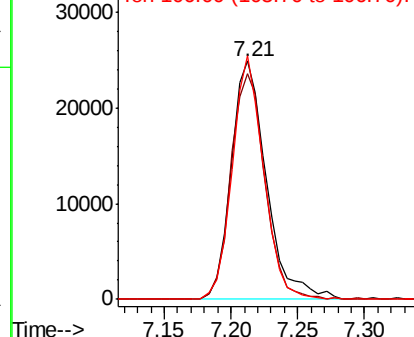
77 100

105 94.7 75.0 115.0

106 102.3 75.7 115.7



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: 41.031 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

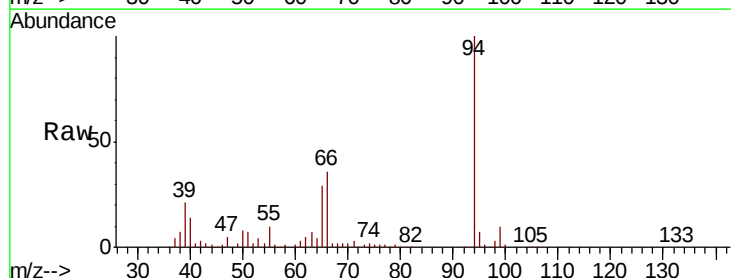
Tgt Ion: 94 Resp: 205687

Ion Ratio Lower Upper

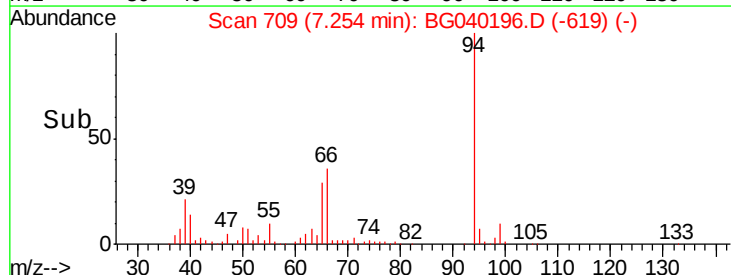
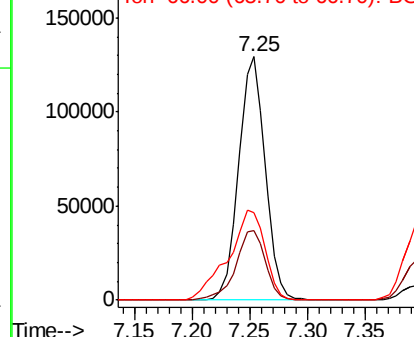
94 100

65 28.5 10.5 50.5

66 35.9 16.9 56.9



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

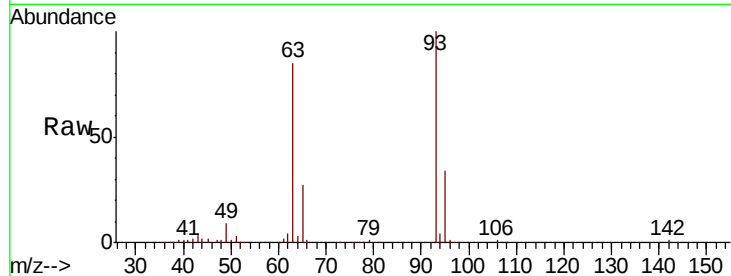




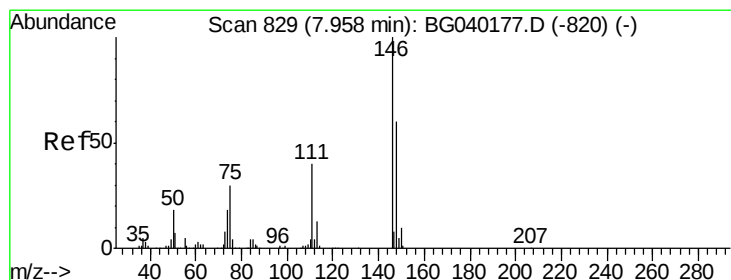
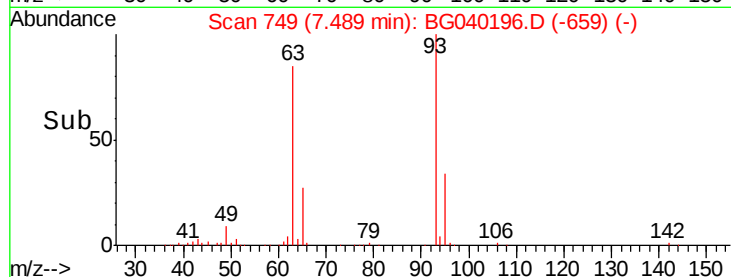
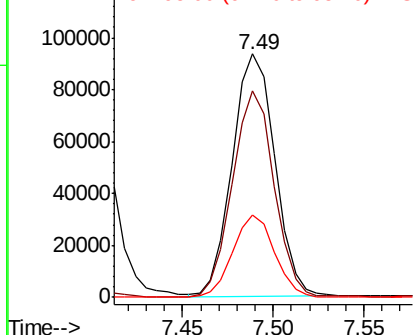
#11
bis(2-Chloroethyl)ether
Concen: 38.150 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion: 93 Resp: 153176
Ion Ratio Lower Upper
93 100
63 84.9 64.2 104.2
95 33.9 14.0 54.0

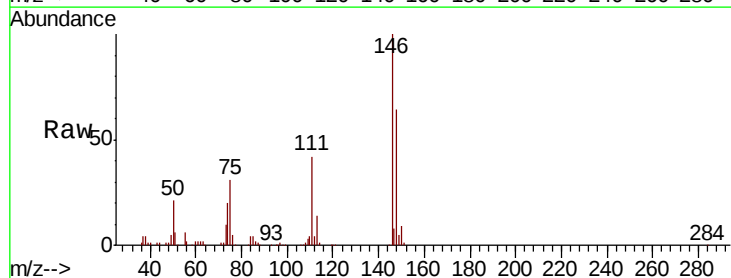


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

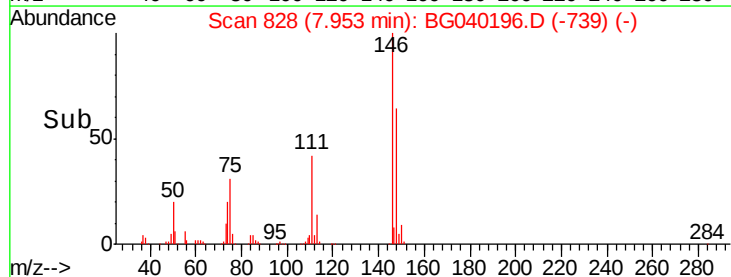
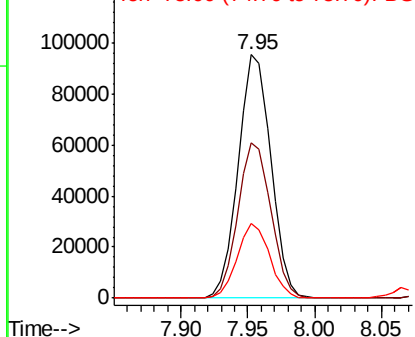


#12
1,3-Dichlorobenzene
Concen: 38.012 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion: 146 Resp: 161645
Ion Ratio Lower Upper
146 100
148 63.8 48.2 72.2
75 30.9 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 38.870 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

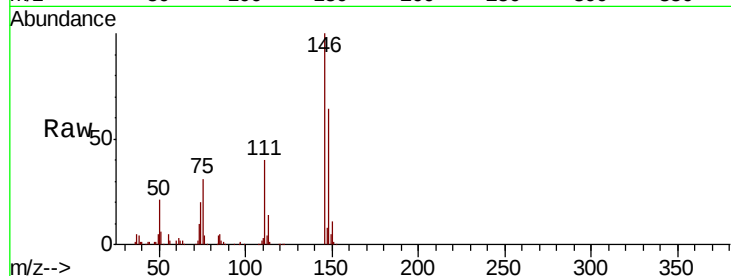
Tgt Ion:146 Resp: 164631

Ion Ratio Lower Upper

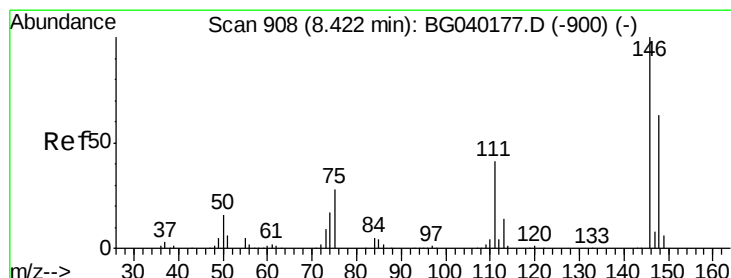
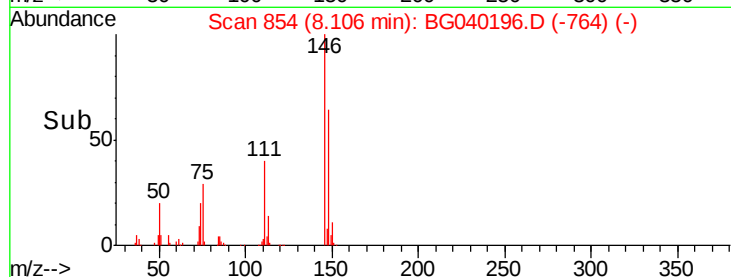
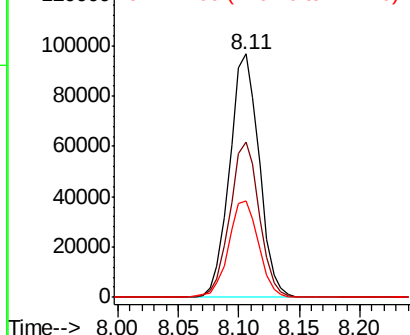
146 100

148 64.0 51.0 76.4

111 39.7 31.8 47.6



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



#14

1,2-Dichlorobenzene

Concen: 38.563 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

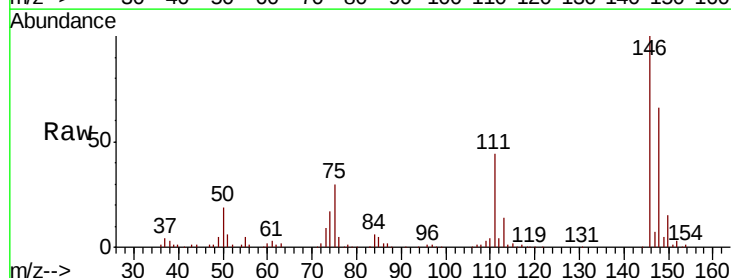
Tgt Ion:146 Resp: 156192

Ion Ratio Lower Upper

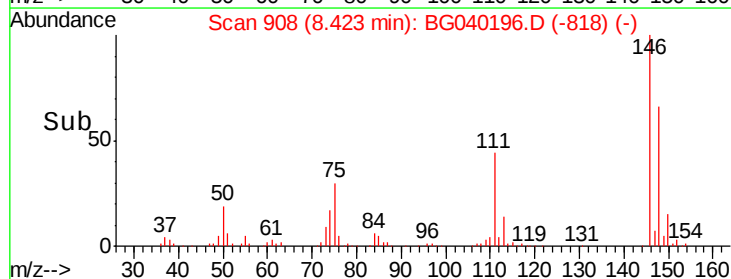
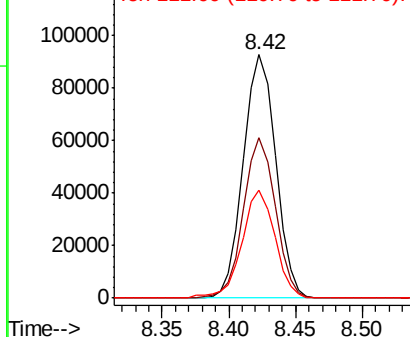
146 100

148 65.8 50.8 76.2

111 44.3 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 38.303 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

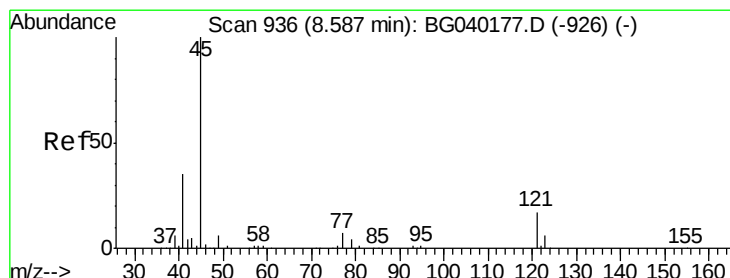
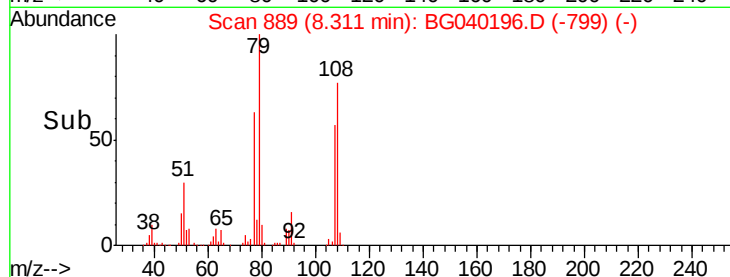
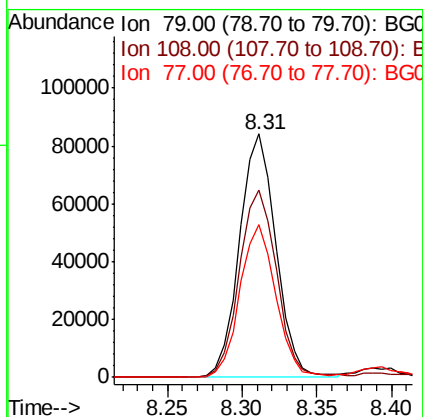
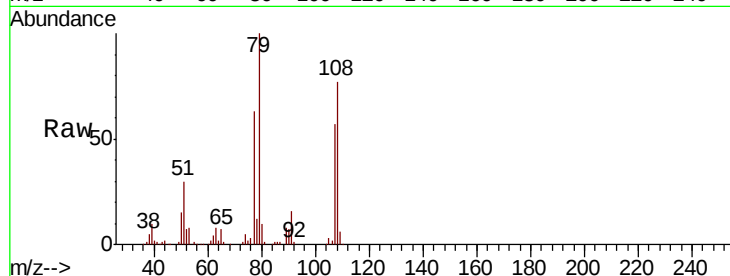
Tgt Ion: 79 Resp: 142468

Ion Ratio Lower Upper

79 100

108 77.1 62.1 93.1

77 62.7 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.588 ng

RT: 8.59 min Scan# 937

Delta R.T. 0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

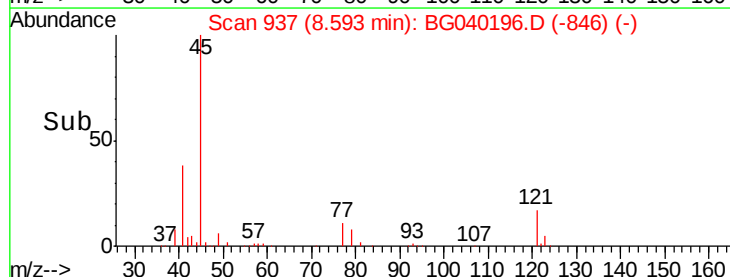
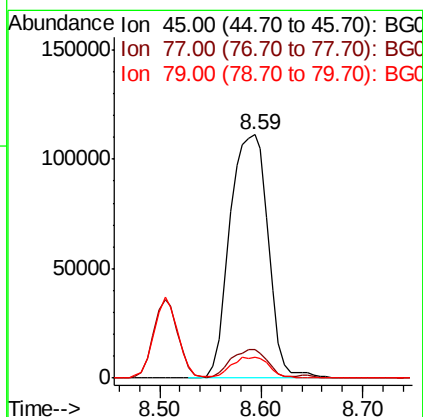
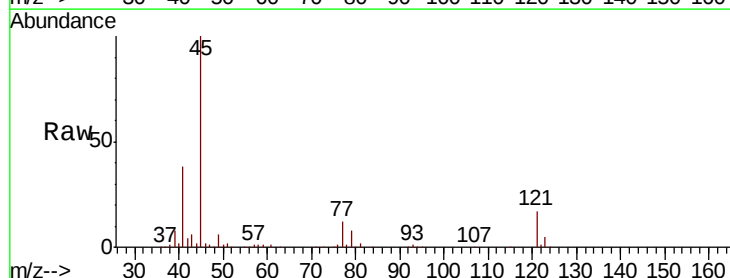
Tgt Ion: 45 Resp: 289644

Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.4

79 8.4 0.0 28.3

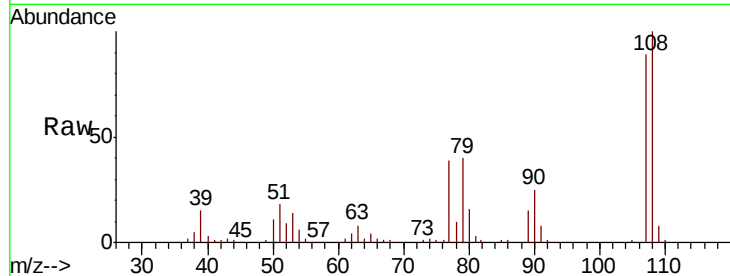




#17
2-Methylphenol
Concen: 39.858 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion:	107	Resp:	138263
Ion	Ratio	Lower	Upper
107	100		
108	112.3	88.2	132.4
77	43.8	36.6	55.0
79	45.1	36.5	54.7



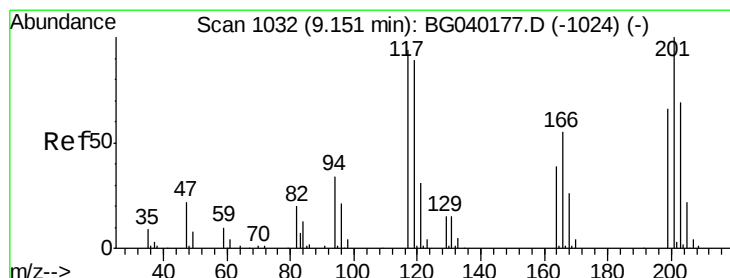
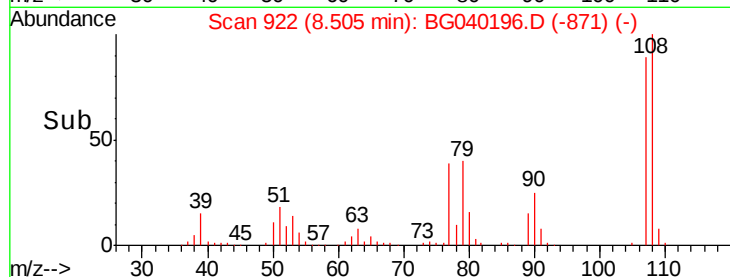
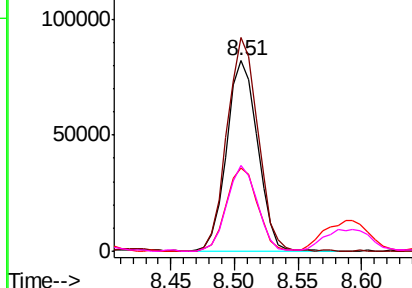
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

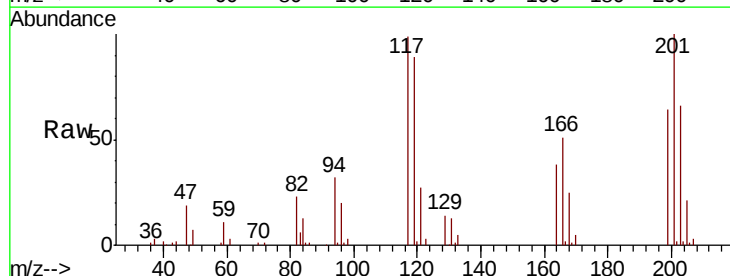
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.616 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:	117	Resp:	60602
Ion	Ratio	Lower	Upper
117	100		
119	89.7	76.6	115.0
201	100.8	85.0	127.4

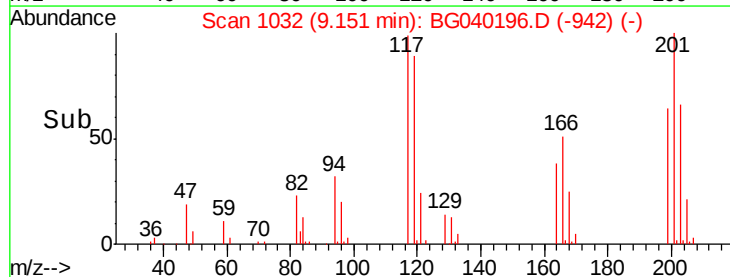
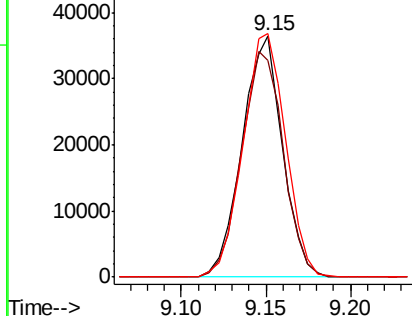


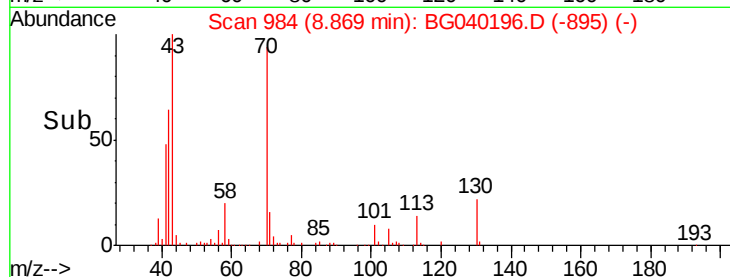
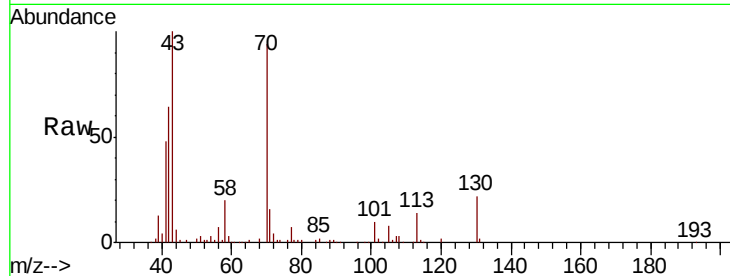
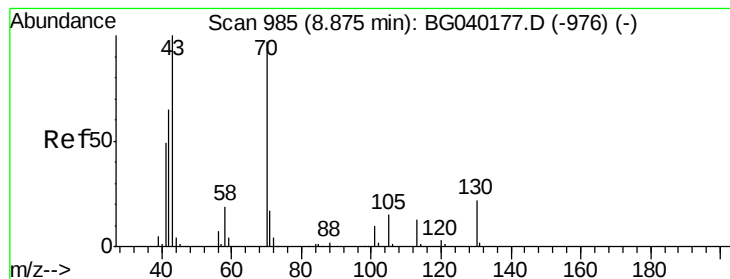
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.297 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleID :

PB118303BS

Tgt Ion: 70 Resp: 116880

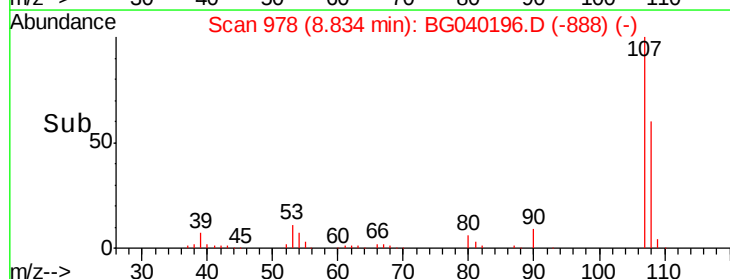
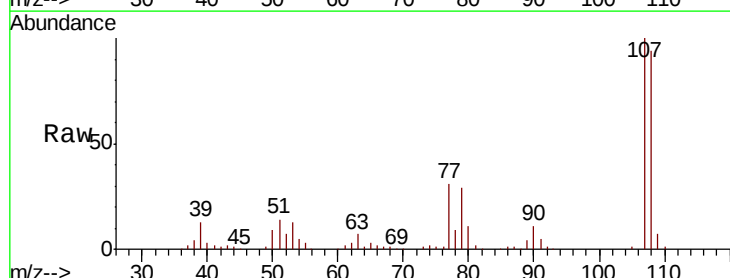
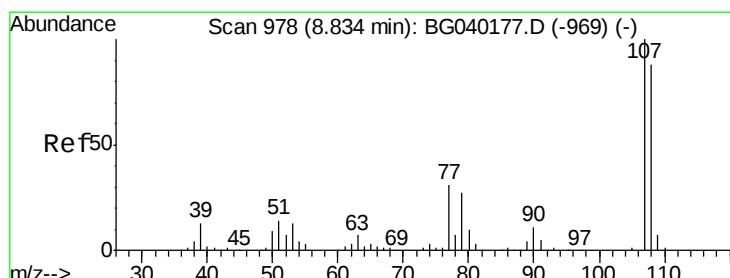
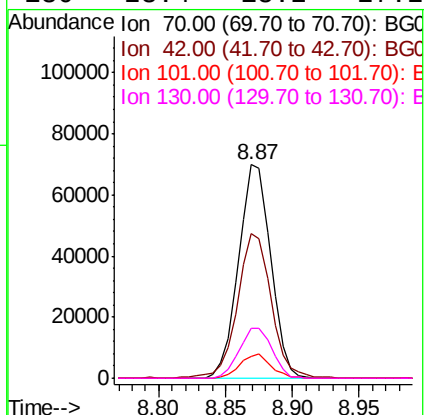
Ion Ratio Lower Upper

70 100

42 68.0 54.0 81.0

101 10.5 8.6 13.0

130 23.4 18.2 27.2



#20

3+4-Methylphenols

Concen: 40.015 ng

RT: 8.83 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Tgt Ion: 107 Resp: 188042

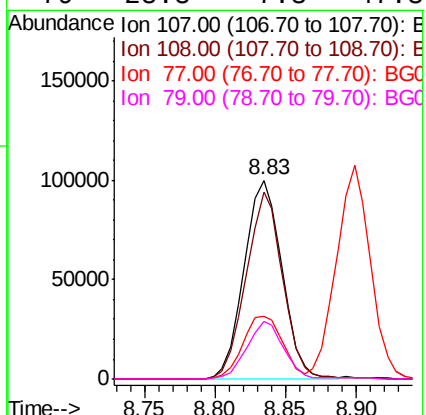
Ion Ratio Lower Upper

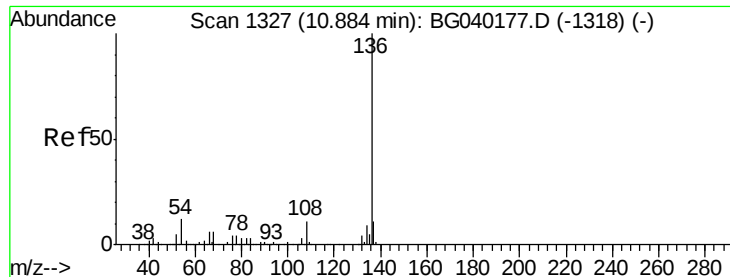
107 100

108 94.0 68.3 108.3

77 31.5 11.3 51.3

79 28.8 7.3 47.3

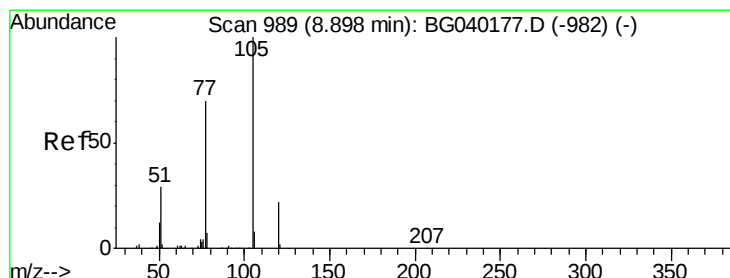
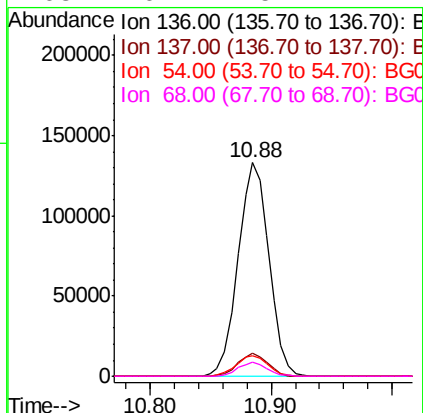
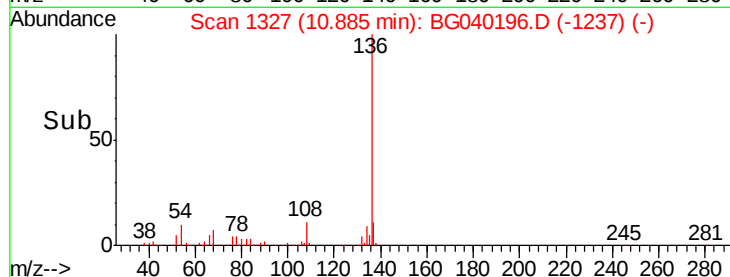
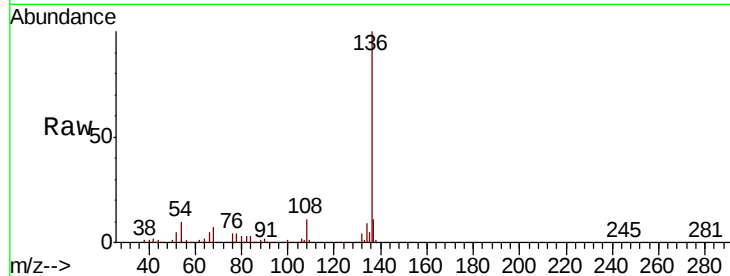




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

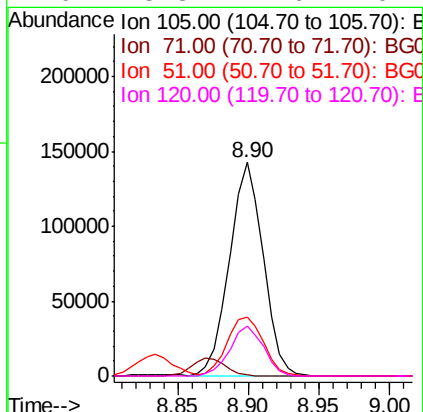
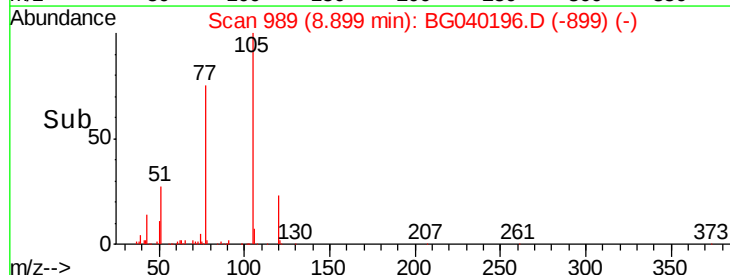
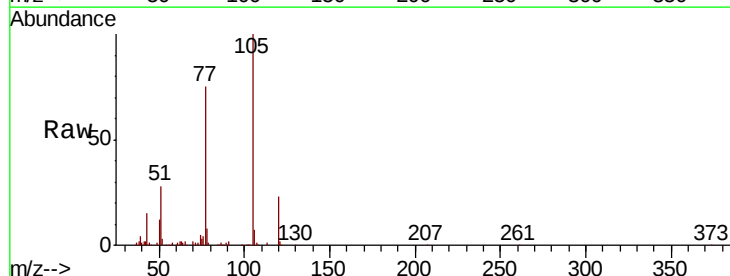
Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion:	136	Resp:	236373
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	9.6	14.4
68	6.7	5.1	7.7



#22
Acetophenone
Concen: 40.182 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:	105	Resp:	236927
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.6	1.0
51	27.7	25.1	37.7
120	23.3	17.6	26.4

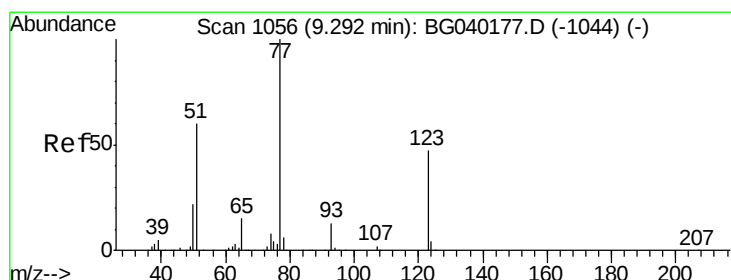
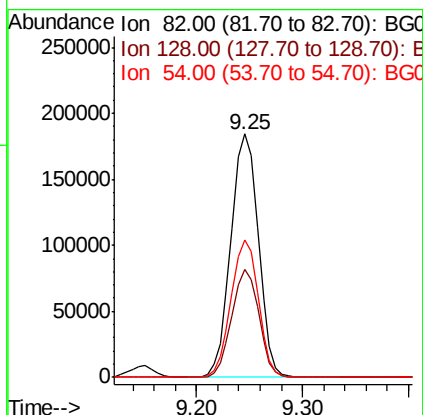
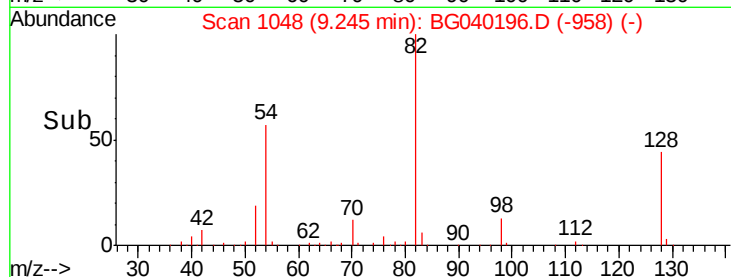
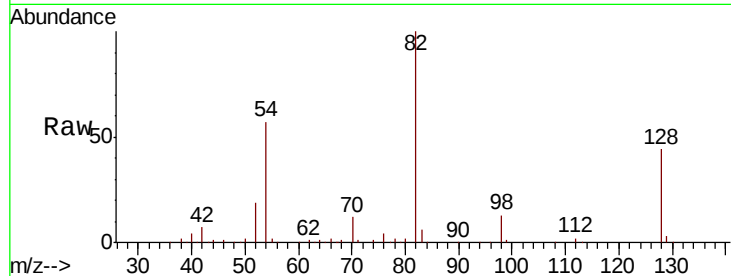




#23
 Nitrobenzene-d5
 Concen: 74.666 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

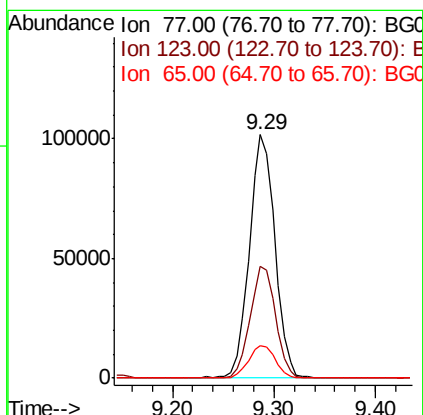
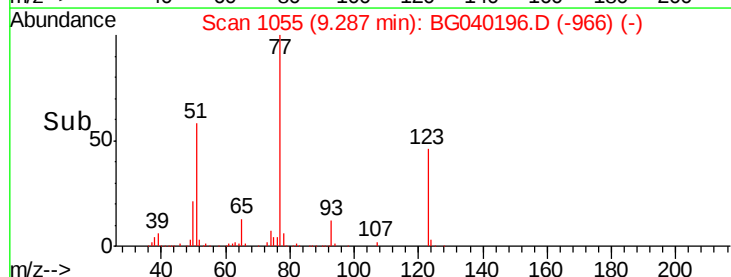
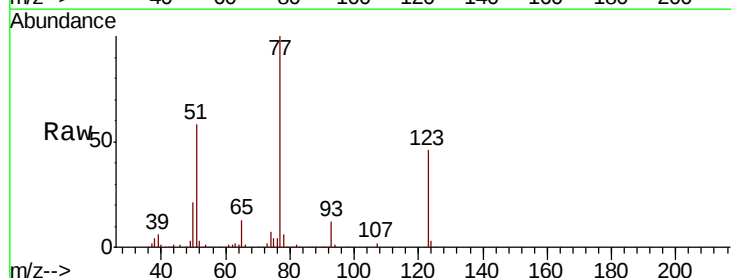
Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

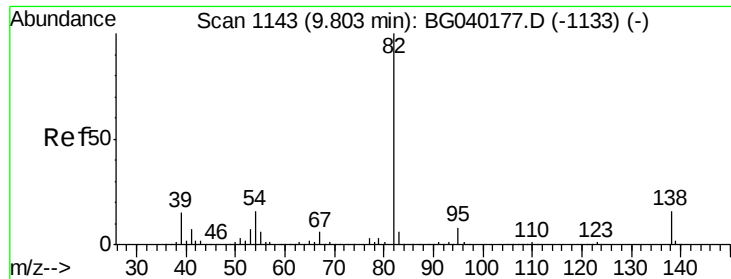
Tgt Ion: 82 Resp: 332039
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.8 53.8
 54 56.6 46.2 69.2



#24
 Nitrobenzene
 Concen: 38.623 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion: 77 Resp: 177858
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.8 56.6
 65 13.5 12.0 18.0





#25

Isophorone

Concen: 37.379 ng

RT: 9.80 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

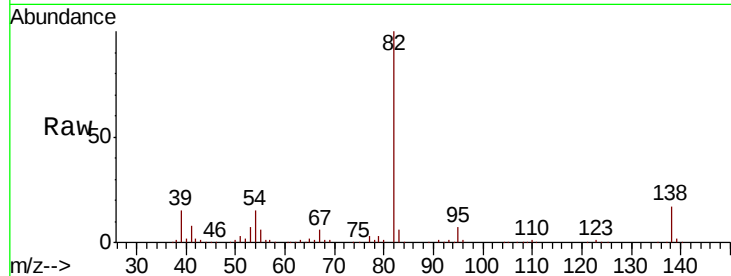
Tgt Ion: 82 Resp: 342022

Ion Ratio Lower Upper

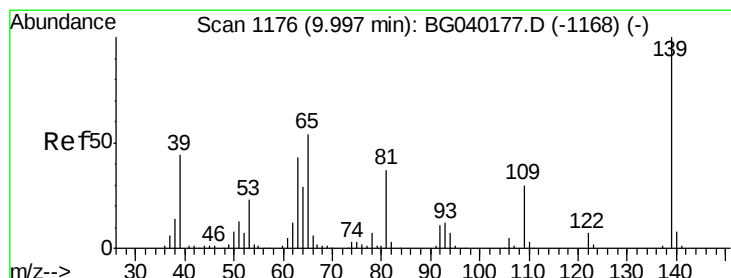
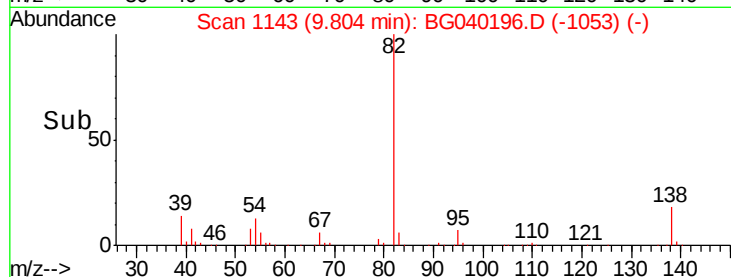
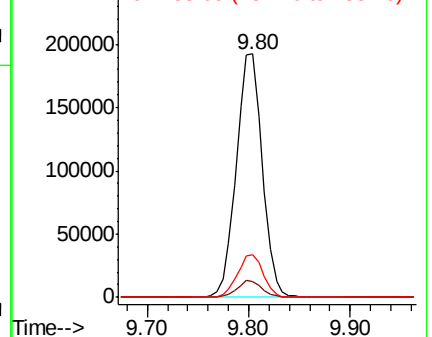
82 100

95 6.6 6.1 9.1

138 17.5 13.2 19.8



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: 37.348 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

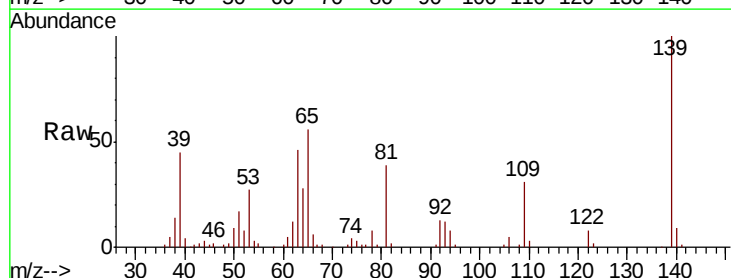
Tgt Ion: 139 Resp: 81494

Ion Ratio Lower Upper

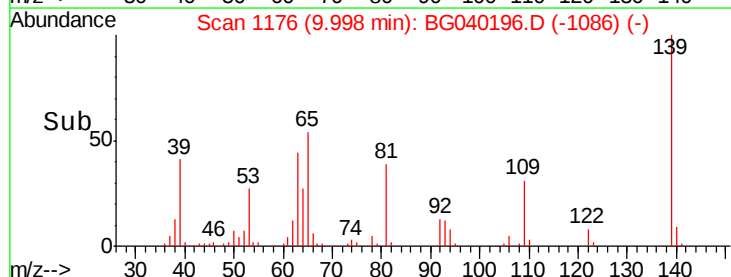
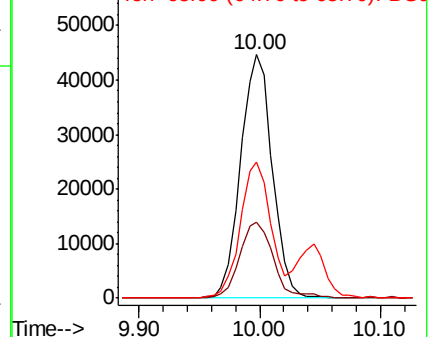
139 100

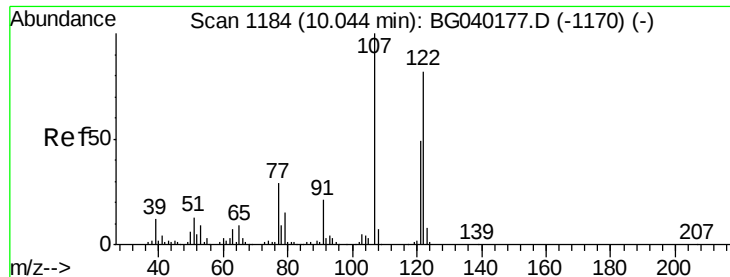
109 31.1 24.1 36.1

65 55.7 43.0 64.6



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

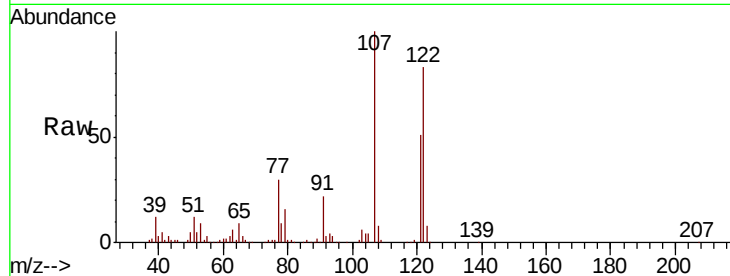




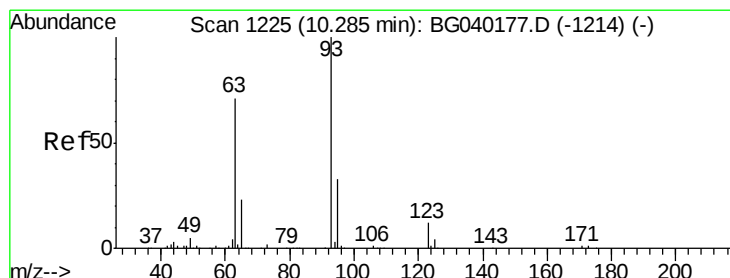
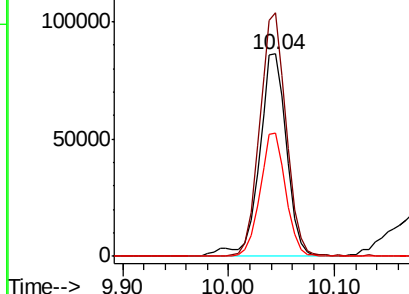
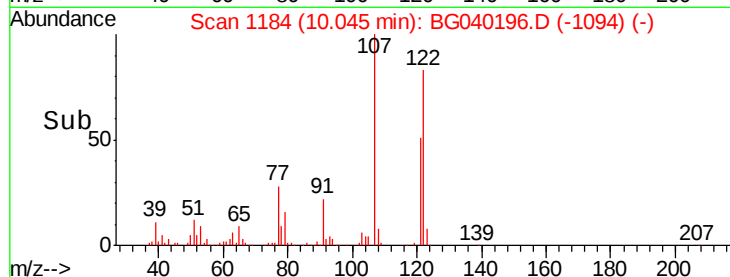
#27
2,4-Dimethylphenol
Concen: 44.676 ng
RT: 10.04 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.2	97.4	146.2
121	60.8	47.7	71.5

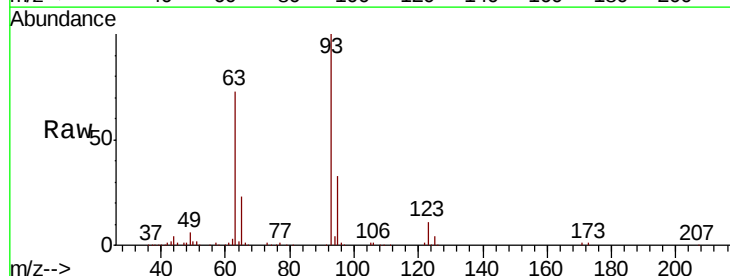


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

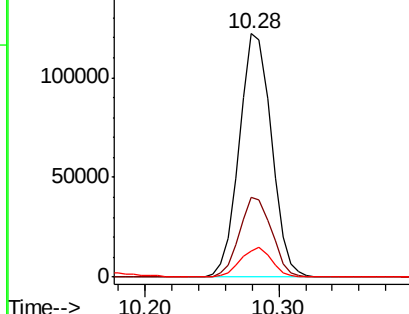
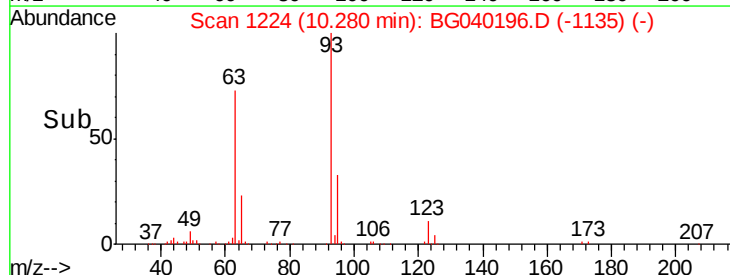


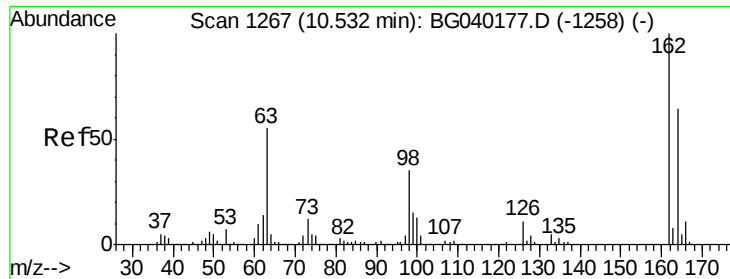
#28
bis(2-Chloroethoxy)methane
Concen: 37.667 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	10.9	9.4	14.0



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

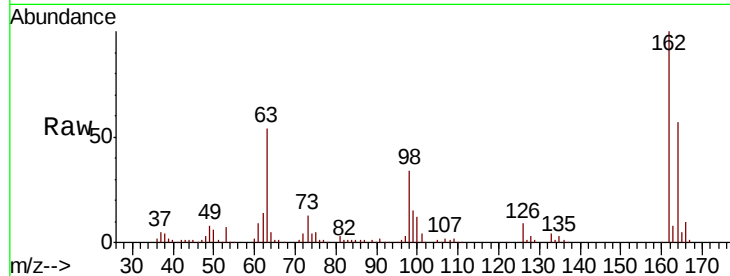




#29
 2,4-Dichlorophenol
 Concen: 41.865 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	57.3	43.9	83.9
98	34.5	15.6	55.6

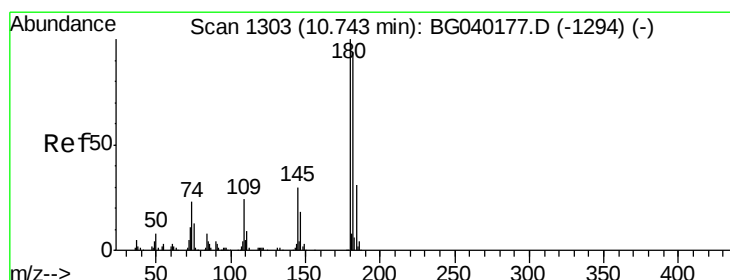
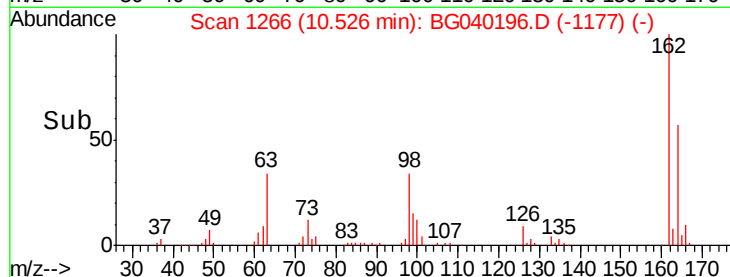
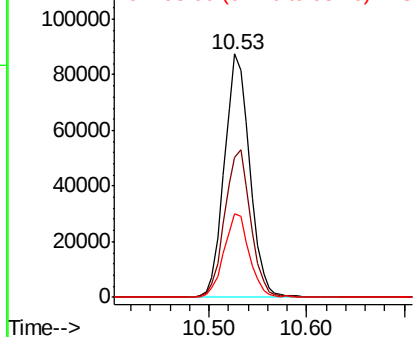


Abundance

Ion 162.00 (161.70 to 162.70): E

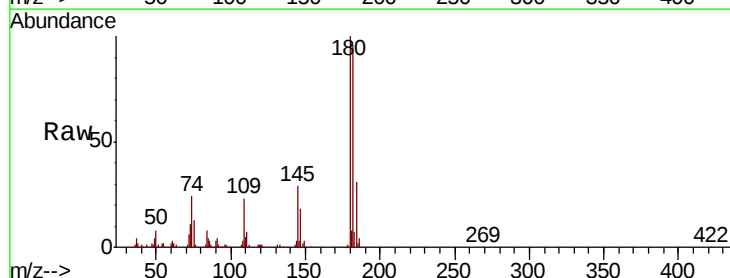
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.536 ng
 RT: 10.74 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.1	112.7
145	28.7	24.1	36.1

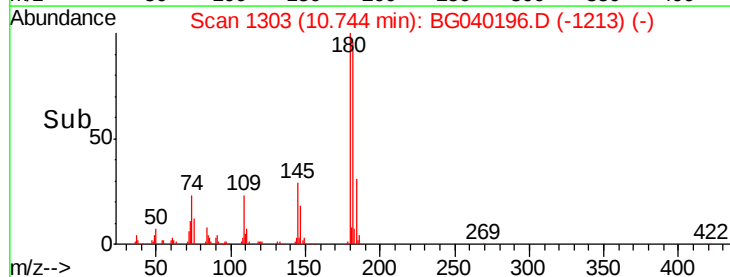
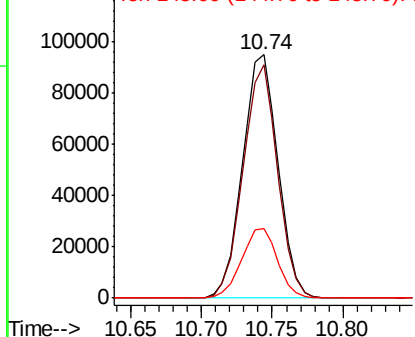


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

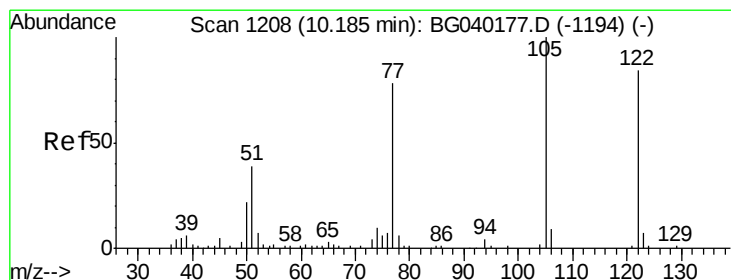
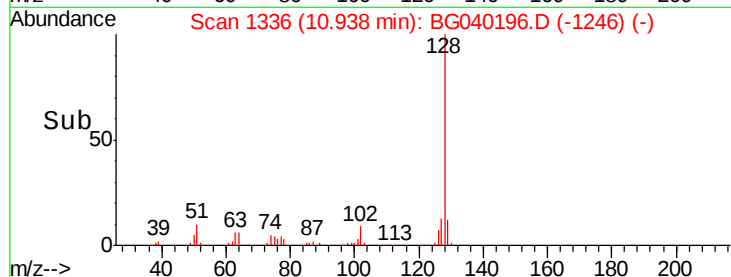
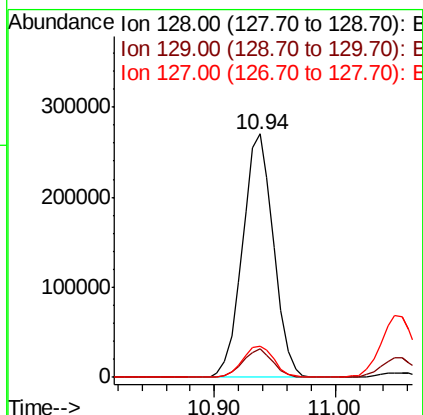
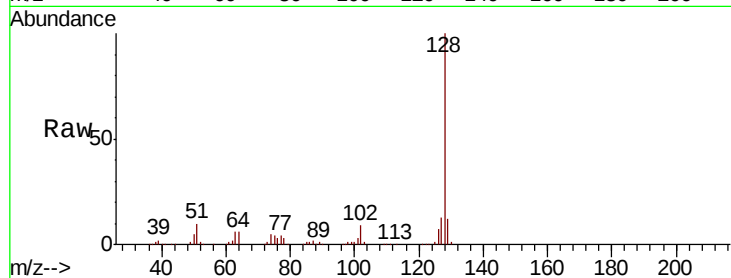




#31
Naphthalene
Concen: 39.772 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

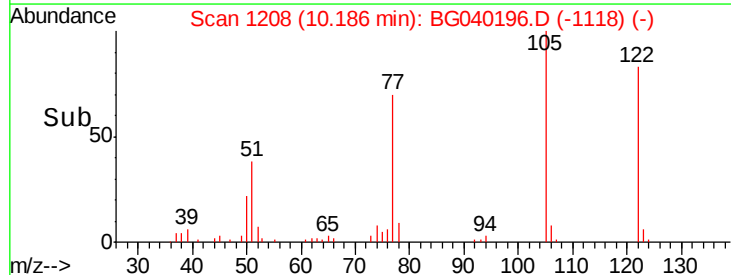
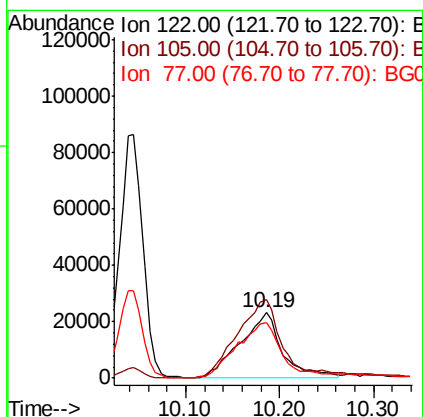
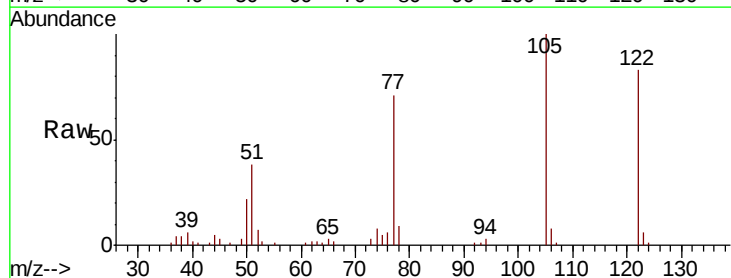
Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion:128 Resp: 481866
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 12.9 11.4 17.0



#32
Benzoic acid
Concen: 33.758 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:122 Resp: 70693
Ion Ratio Lower Upper
122 100
105 120.4 98.2 138.2
77 85.6 73.6 113.6

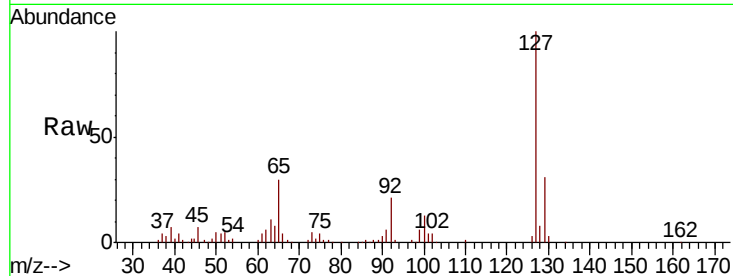




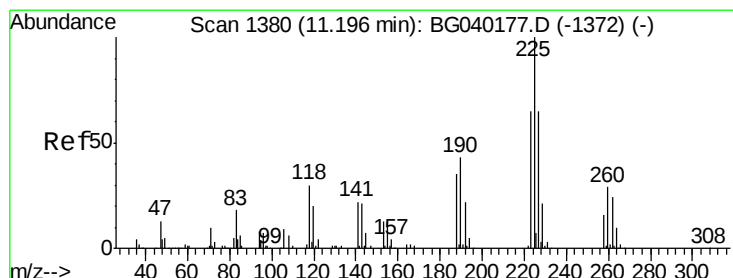
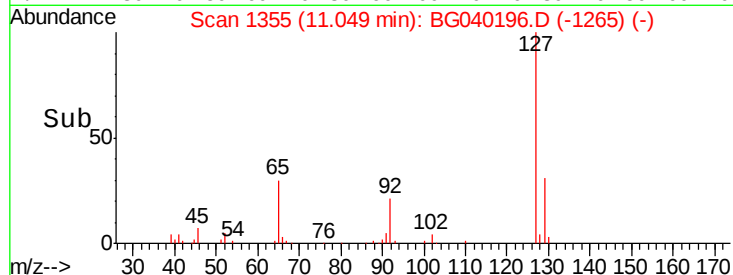
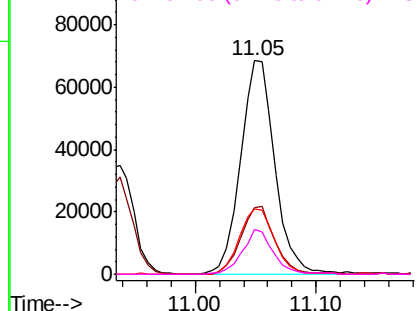
#33
4-Chloroaniline
Concen: 26.160 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion:	127	Resp:	135197
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.6	40.0
65	30.4	27.0	40.4
92	20.9	16.6	25.0

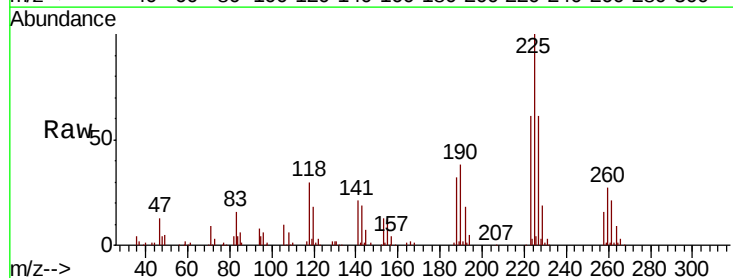


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

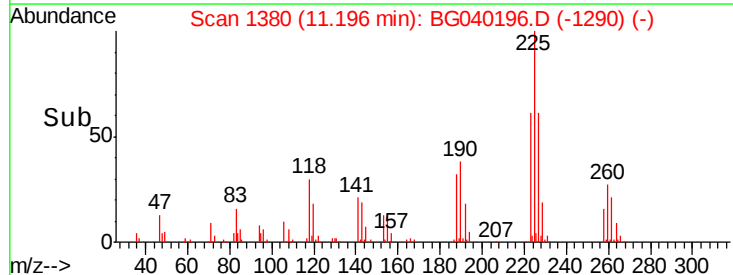
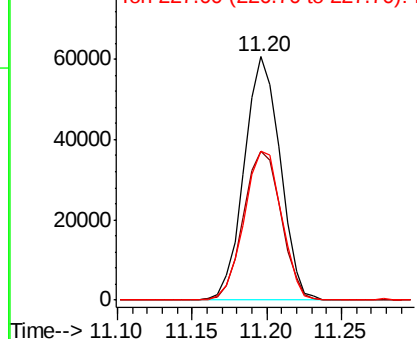


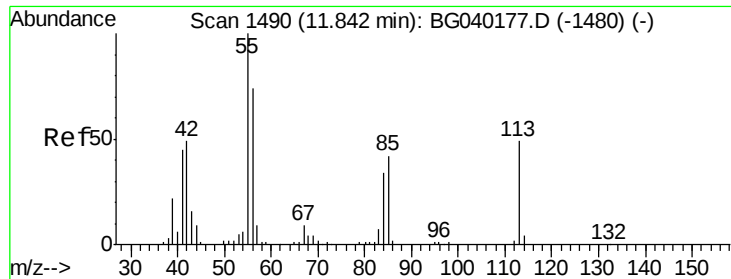
#34
Hexachlorobutadiene
Concen: 38.205 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:	225	Resp:	100936
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.8	77.8
227	61.4	54.9	82.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.862 ng

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

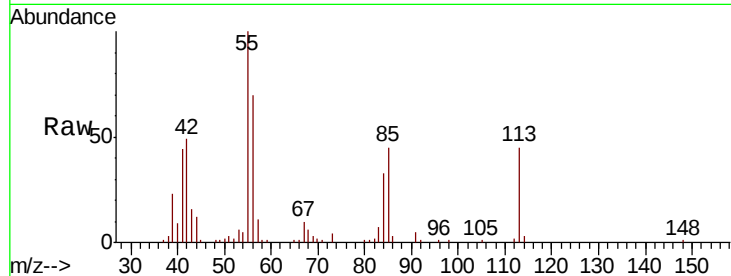
Tgt Ion:113 Resp: 28160

Ion Ratio Lower Upper

113 100

55 221.6 184.2 224.2

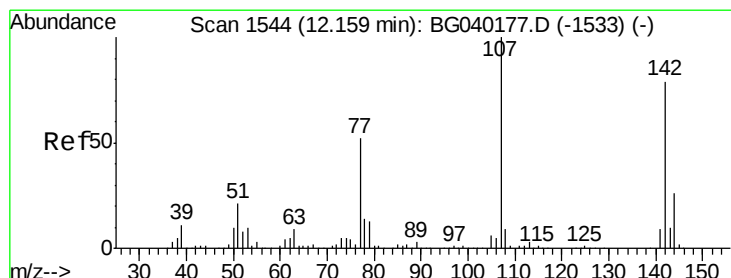
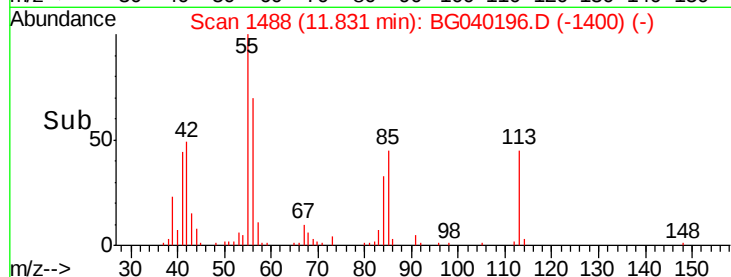
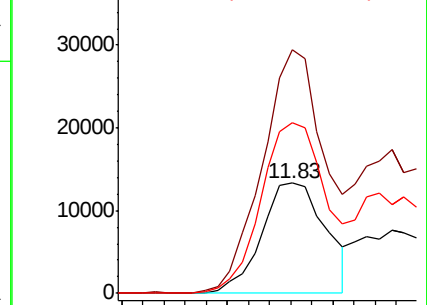
56 154.9 131.3 171.3



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: 39.591 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

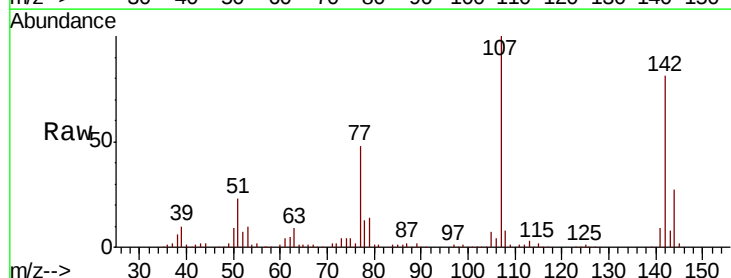
Tgt Ion:107 Resp: 171231

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

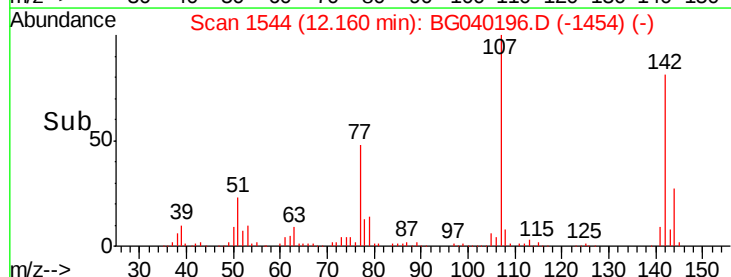
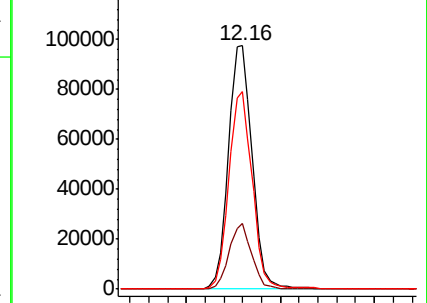
142 81.3 63.1 94.7

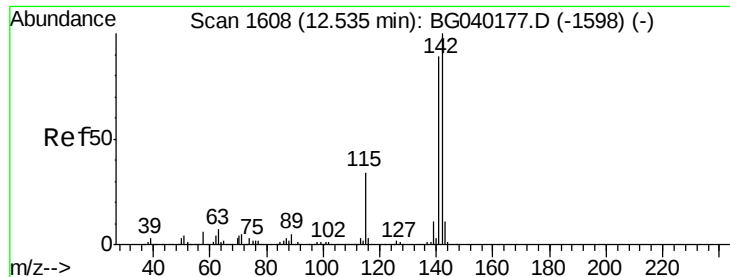


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

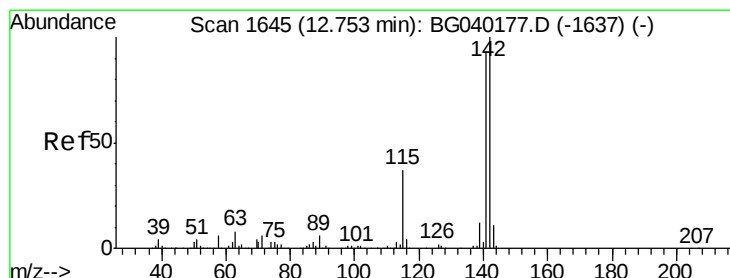
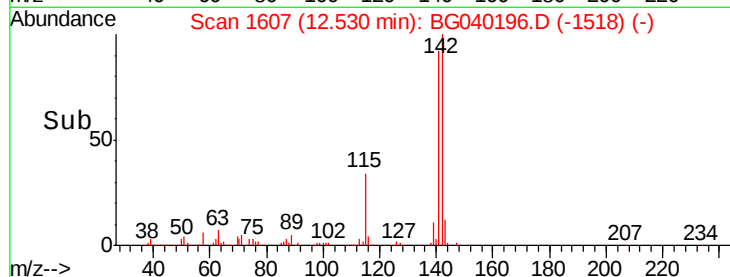
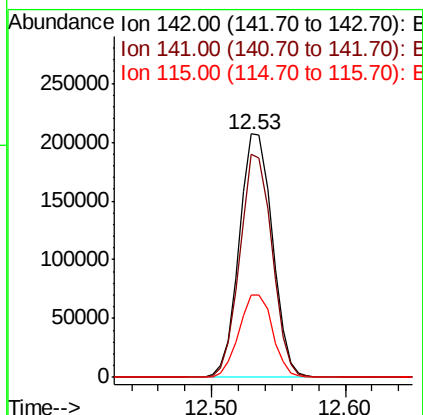
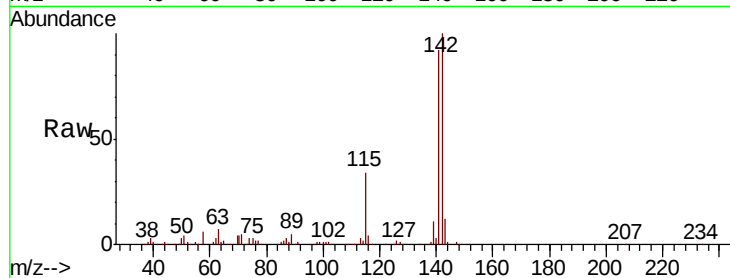




#37
2-Methylnaphthalene
Concen: 39.757 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

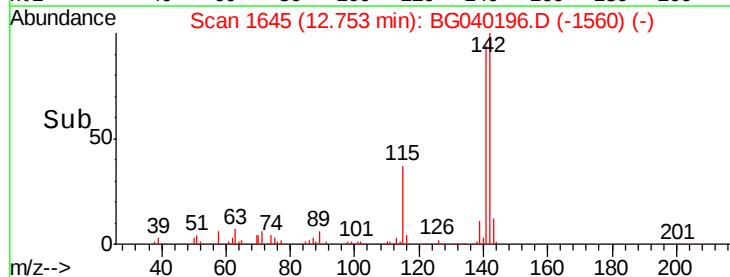
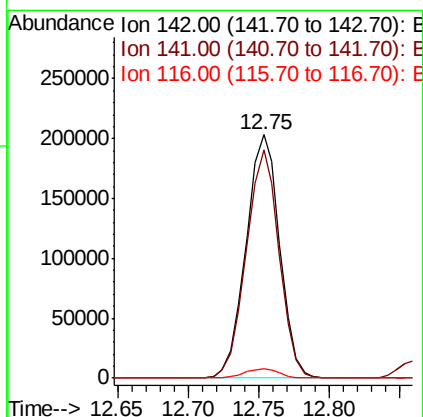
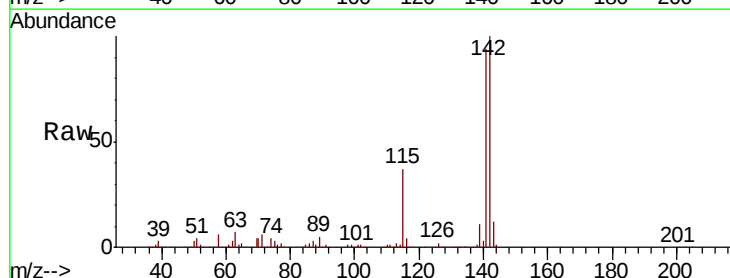
Instrument :
BNA_G
ClientSampled :
PB118303BS

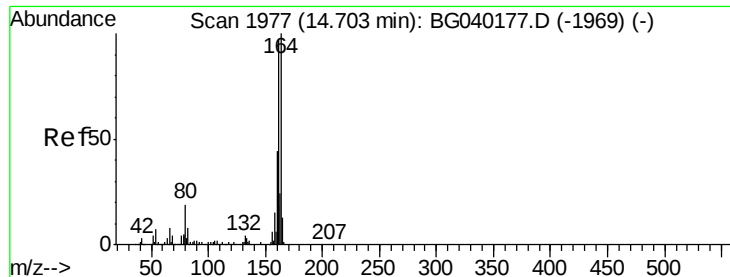
Tgt Ion:142 Resp: 356250
Ion Ratio Lower Upper
142 100
141 91.7 71.0 106.6
115 33.8 27.3 40.9



#38
1-Methylnaphthalene
Concen: 39.009 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:142 Resp: 338954
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

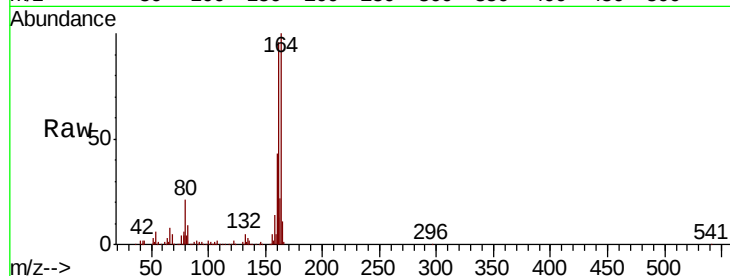
Tgt Ion:164 Resp: 143814

Ion Ratio Lower Upper

164 100

162 96.5 77.4 116.2

160 43.1 35.3 52.9

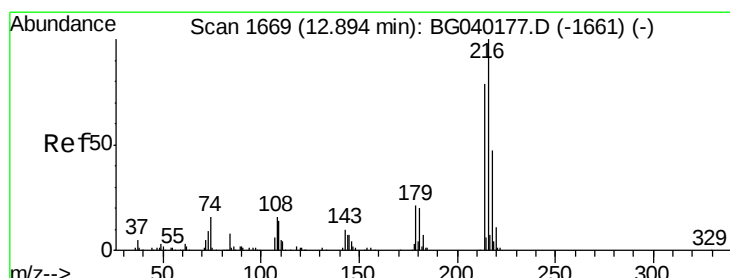
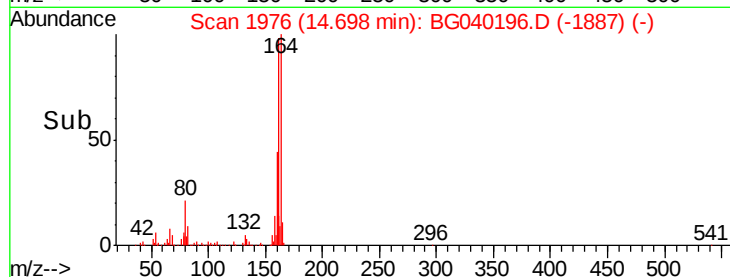
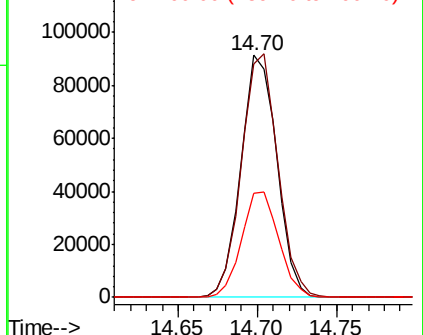


Abundance

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: 39.269 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Tgt Ion:216 Resp: 179493

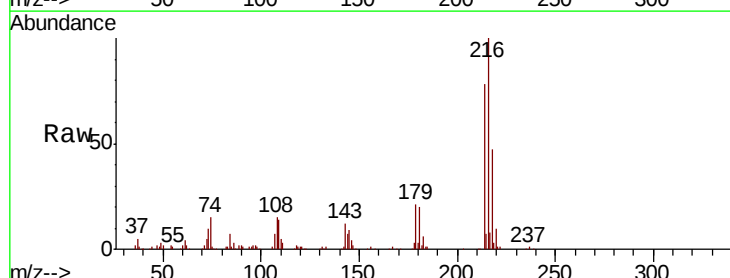
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.9 16.6 25.0

108 19.3 13.8 20.8



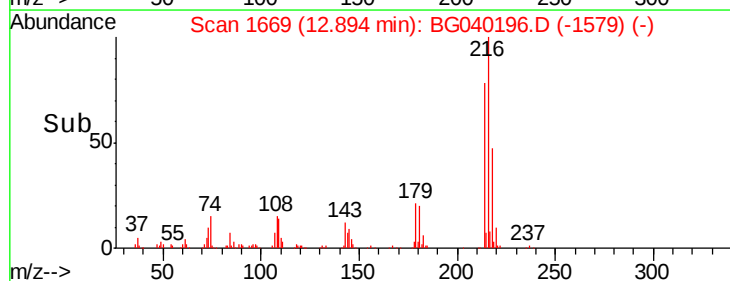
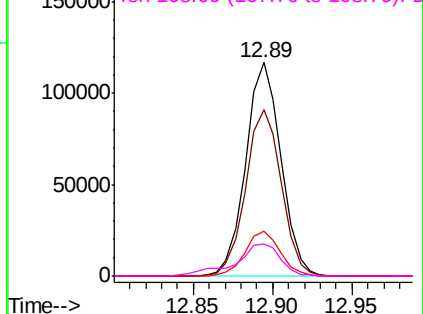
Abundance

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: 82.235 ng

RT: 12.86 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

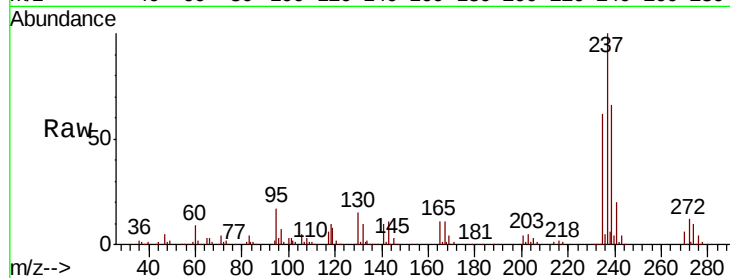
Tgt Ion: 237 Resp: 206391

Ion Ratio Lower Upper

237 100

235 61.8 46.2 86.2

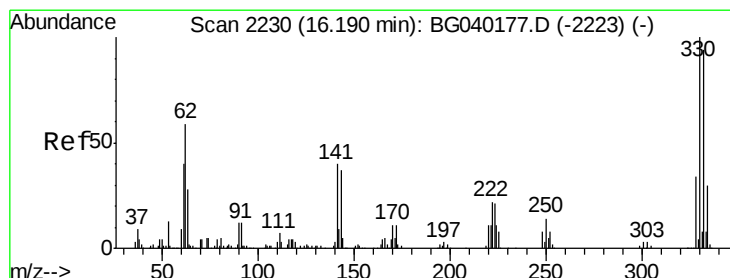
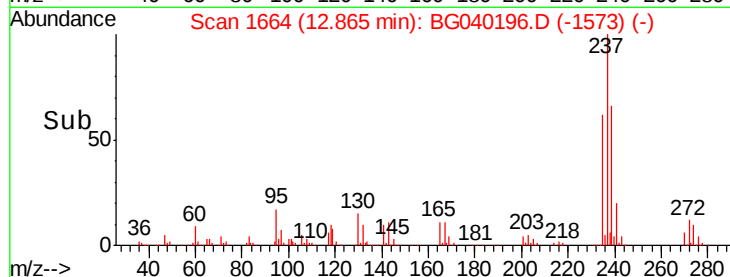
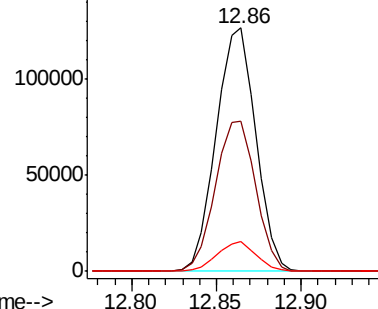
272 12.2 0.0 30.5



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: 135.250 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

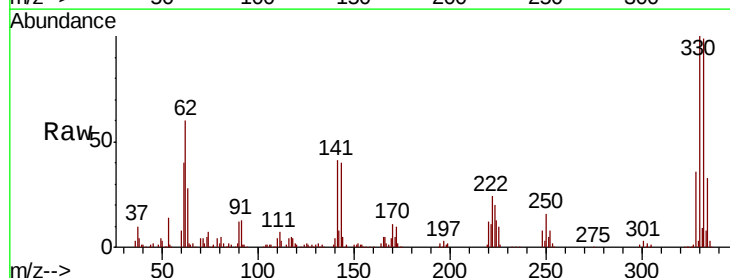
Tgt Ion: 330 Resp: 210213

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

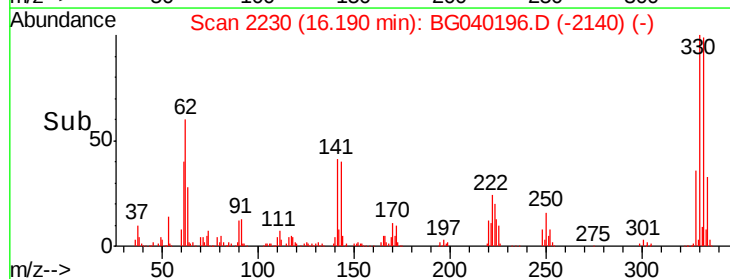
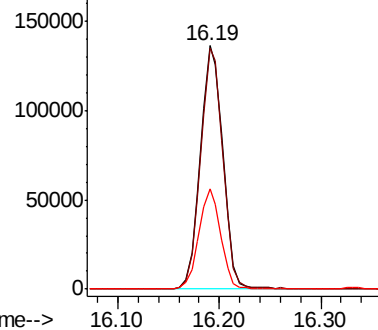
141 40.0 32.6 48.8



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

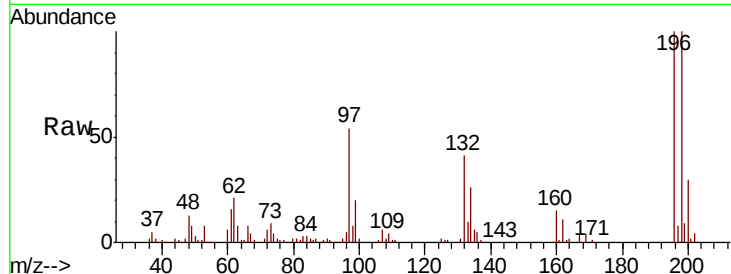




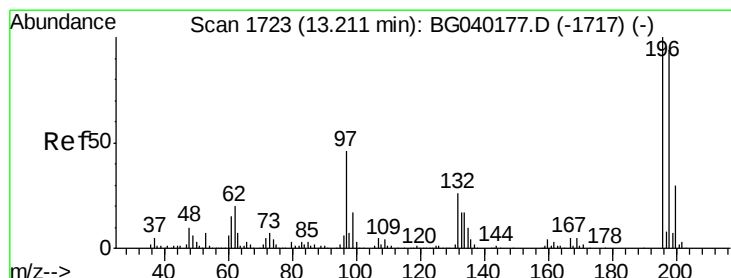
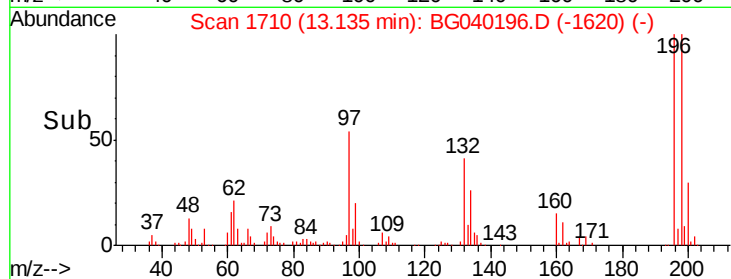
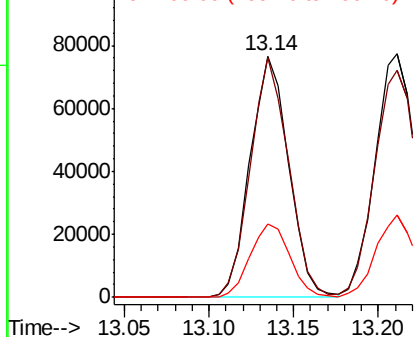
#43
 2,4,6-Trichlorophenol
 Concen: 41.336 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

Tgt Ion:196 Resp: 121817
 Ion Ratio Lower Upper
 196 100
 198 99.5 78.3 117.5
 200 30.4 26.0 39.0

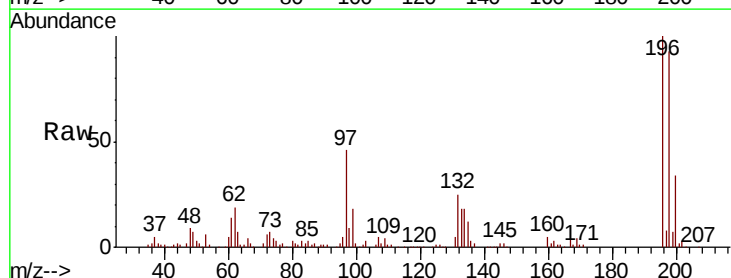


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

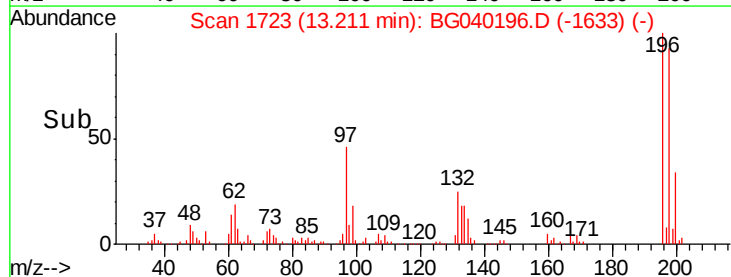
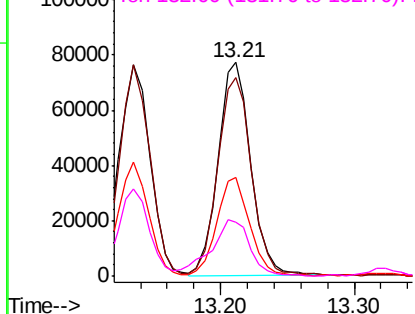


#44
 2,4,5-Trichlorophenol
 Concen: 41.218 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion:196 Resp: 132398
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.0 112.6
 97 45.9 37.3 55.9
 132 25.2 20.9 31.3



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

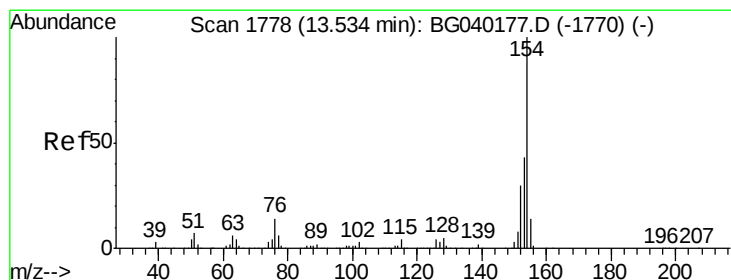
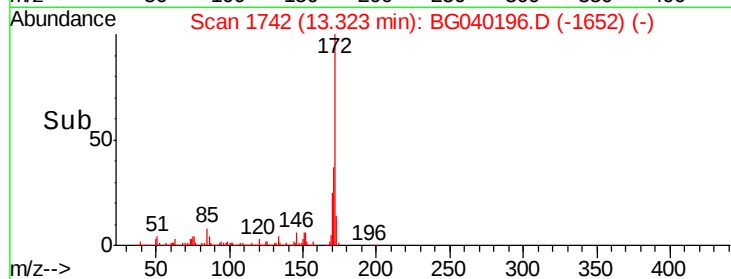
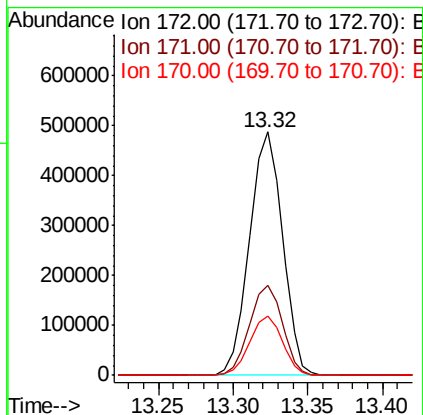
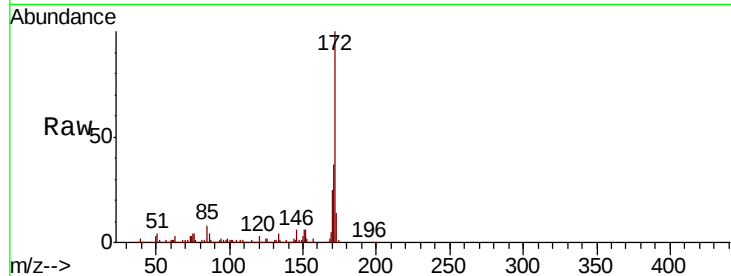




#45
 2-Fluorobiphenyl
 Concen: 76.754 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

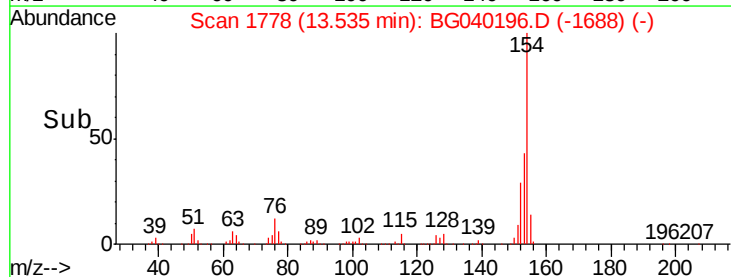
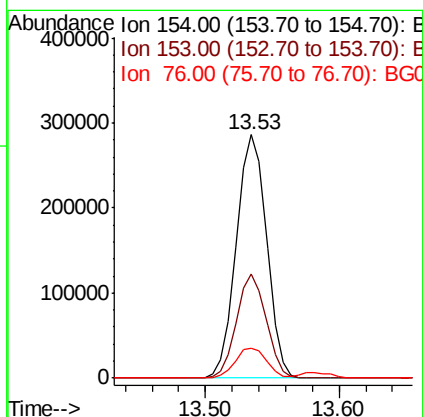
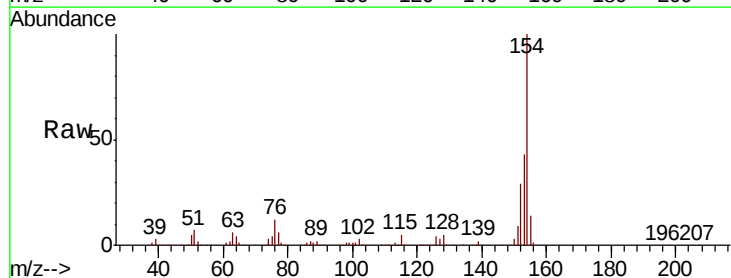
Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

Tgt Ion:172 Resp: 744943
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.6 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 39.541 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion:154 Resp: 449316
 Ion Ratio Lower Upper
 154 100
 153 42.8 22.5 62.5
 76 12.3 0.0 33.7





#47

2-Chloronaphthalene

Concen: 40.069 ng

RT: 13.58 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

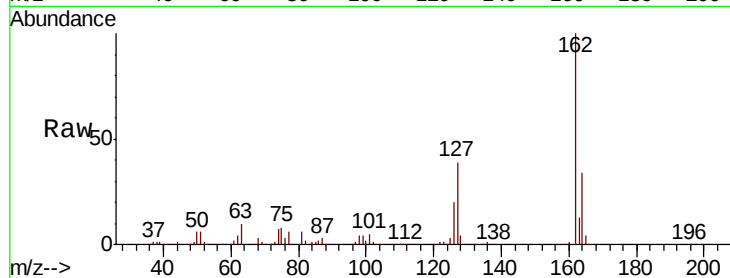
Tgt Ion: 162 Resp: 349253

Ion Ratio Lower Upper

162 100

127 38.9 30.6 45.8

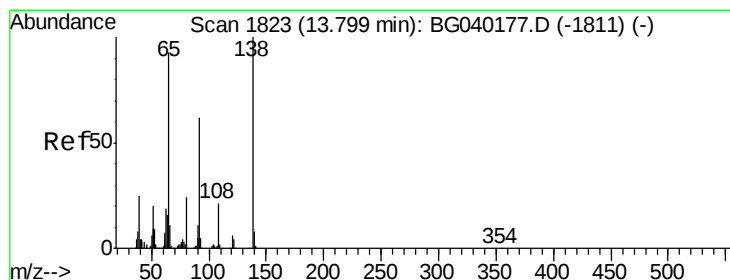
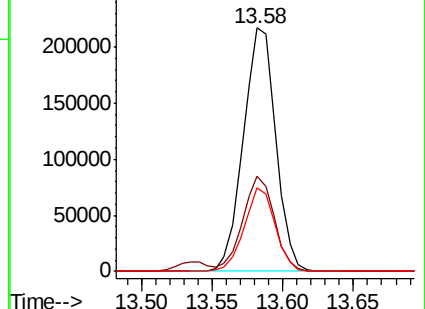
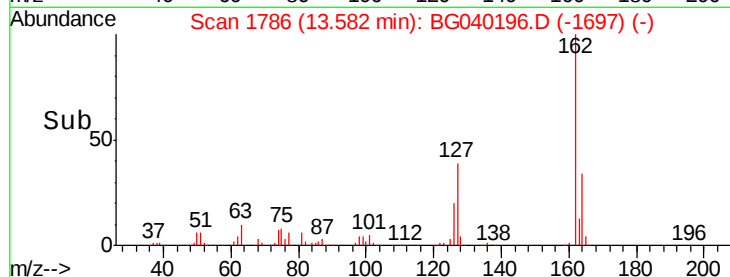
164 34.2 26.2 39.4



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: 39.403 ng

RT: 13.79 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

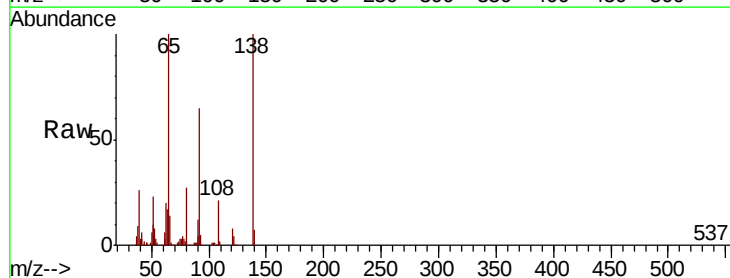
Tgt Ion: 65 Resp: 115849

Ion Ratio Lower Upper

65 100

92 65.3 53.8 80.6

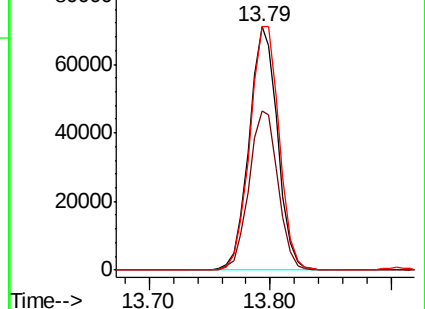
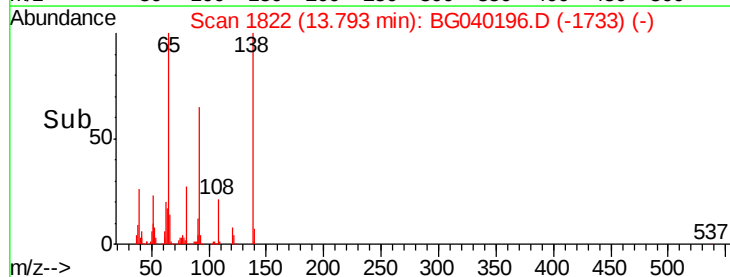
138 100.0 86.3 129.5

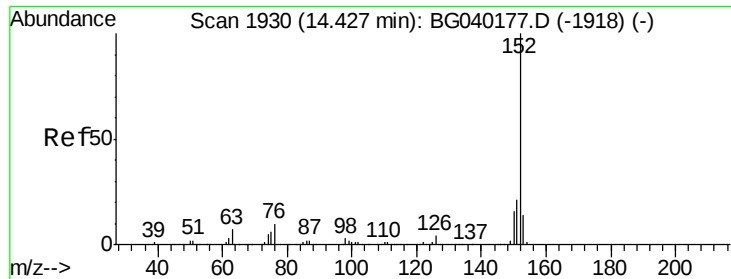


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.397 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

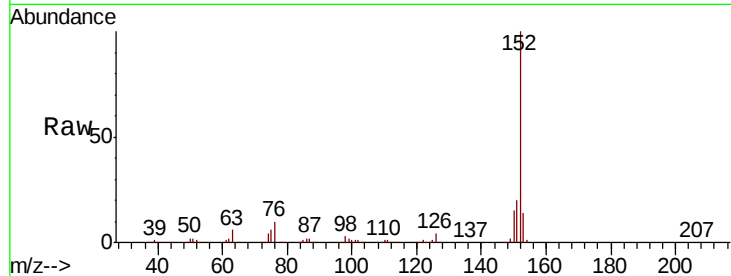
Tgt Ion:152 Resp: 582215

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.6

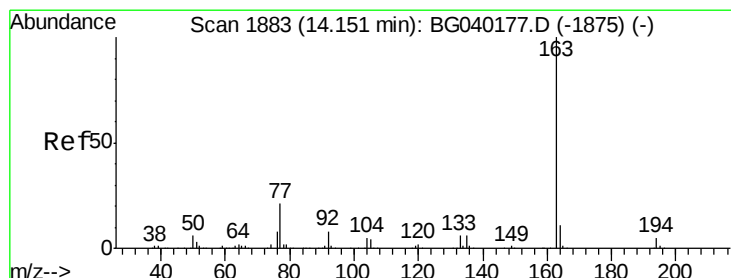
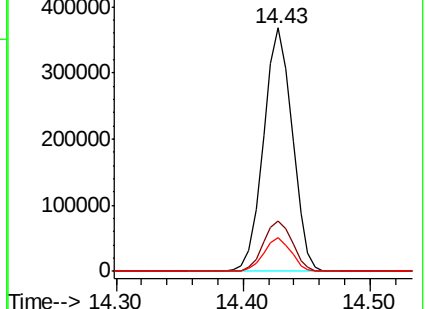
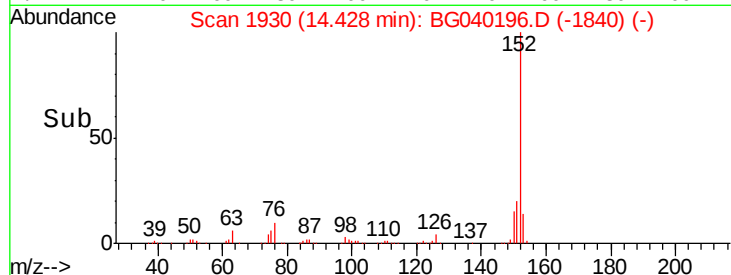
153 13.7 10.8 16.2



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: 40.278 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

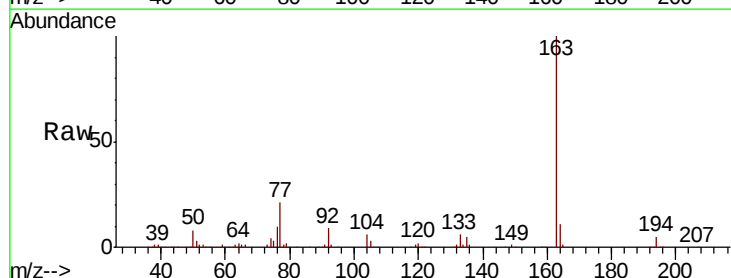
Tgt Ion:163 Resp: 453347

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

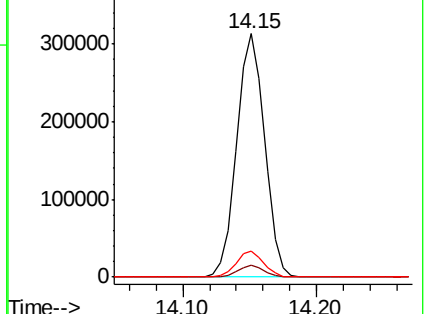
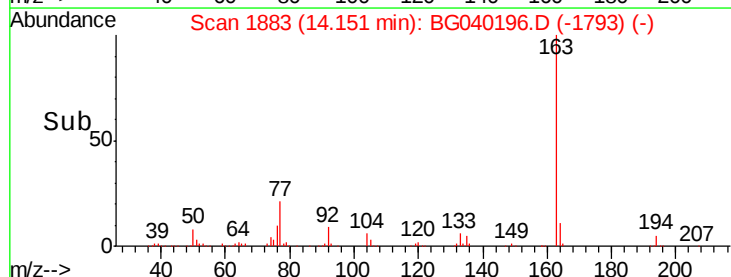
164 10.6 8.6 13.0

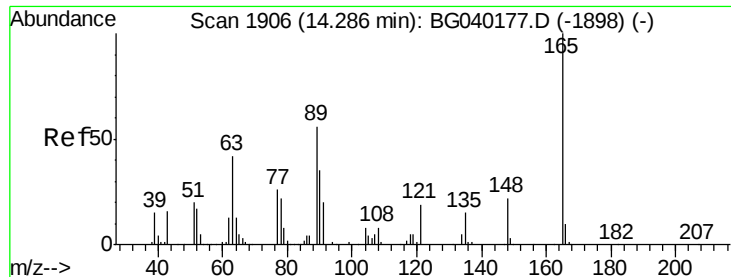


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

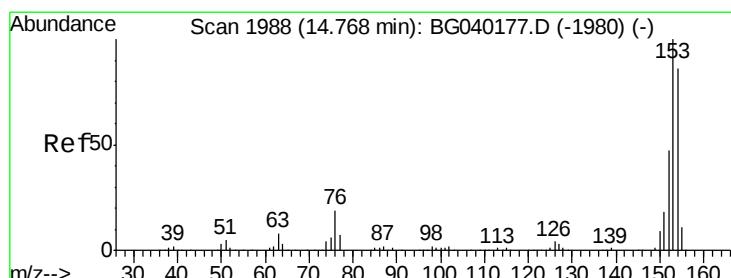
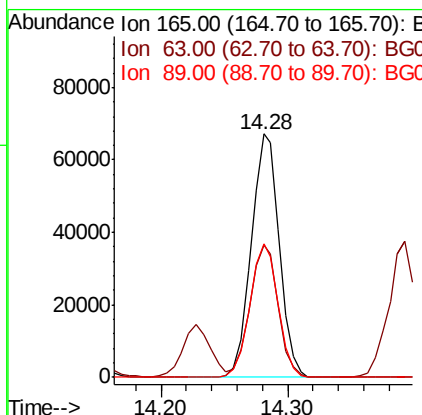
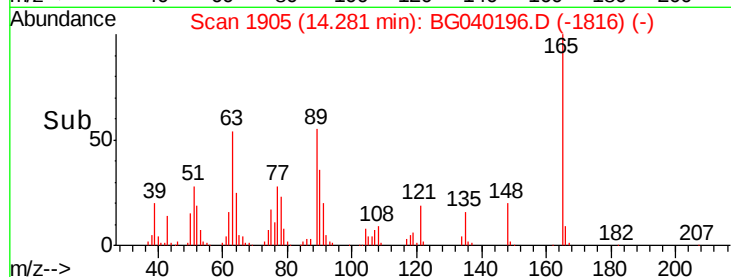
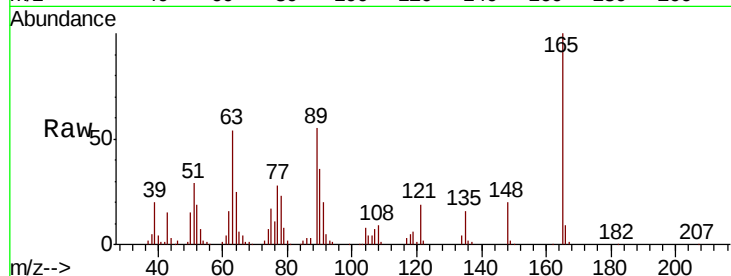




#51
 2,6-Dinitrotoluene
 Concen: 40.805 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

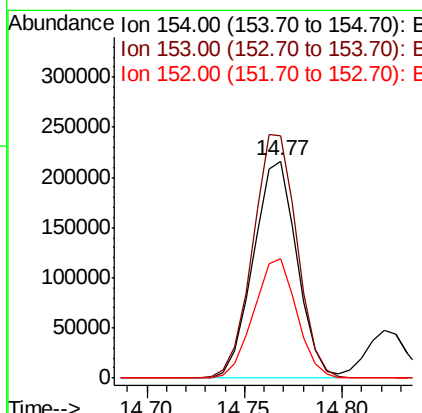
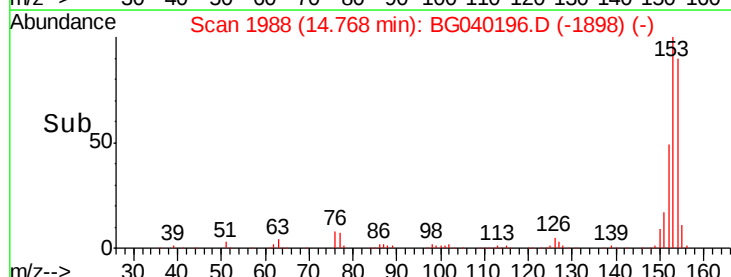
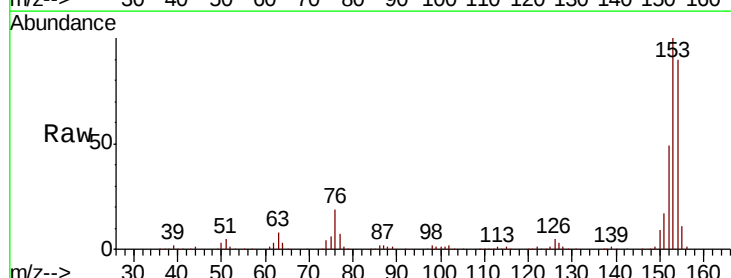
Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

Tgt Ion:165 Resp: 103124
 Ion Ratio Lower Upper
 165 100
 63 54.4 44.1 66.1
 89 54.7 44.9 67.3



#52
 Acenaphthene
 Concen: 39.583 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion:154 Resp: 335197
 Ion Ratio Lower Upper
 154 100
 153 111.5 92.8 139.2
 152 55.1 43.4 65.2

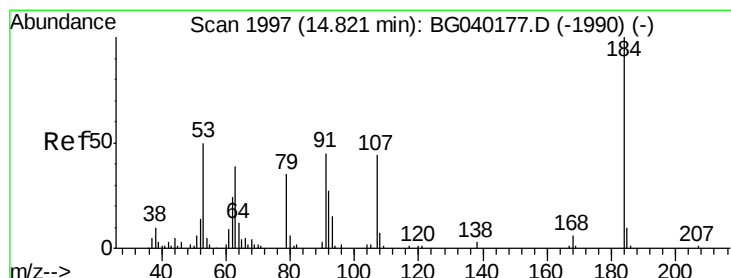
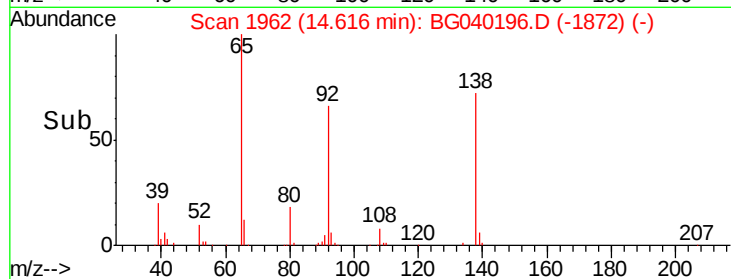
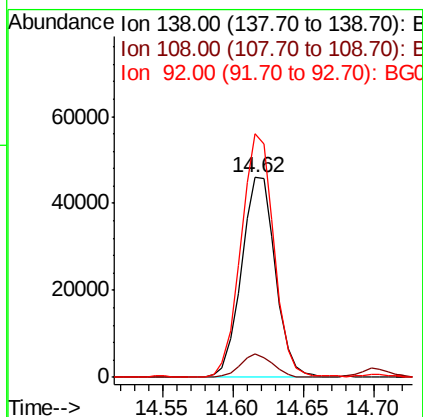
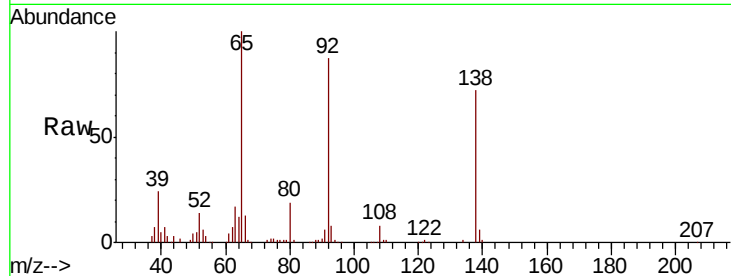




#53
 3-Nitroaniline
 Concen: 28.939 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

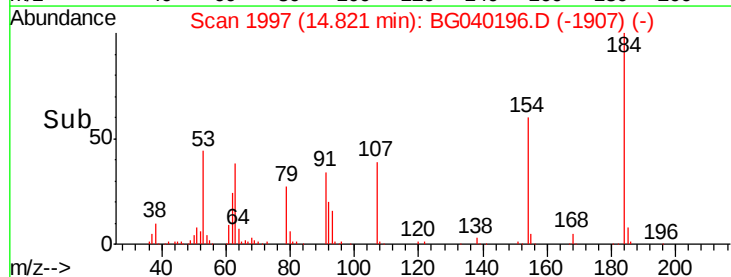
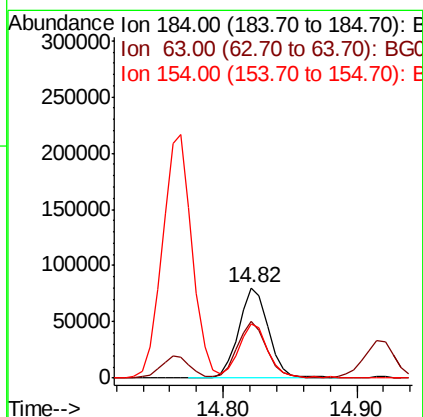
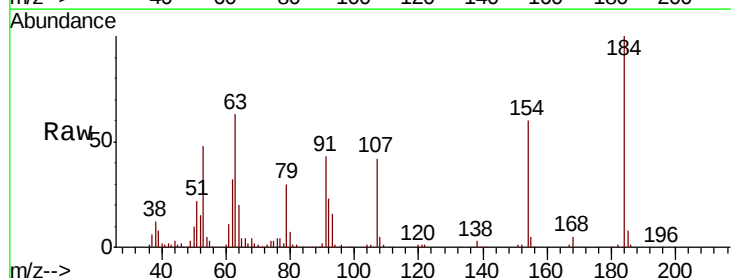
Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

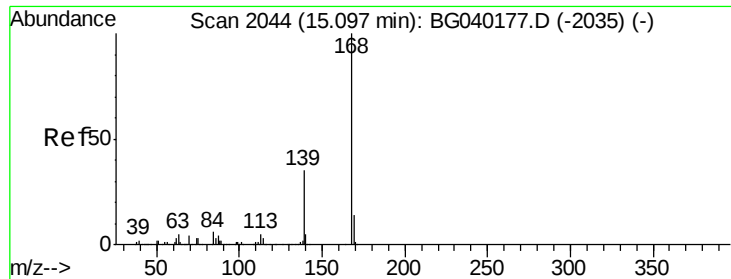
Tgt Ion:138 Resp: 77416
 Ion Ratio Lower Upper
 138 100
 108 11.8 7.8 11.8#
 92 122.0 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 92.689 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion:184 Resp: 124579
 Ion Ratio Lower Upper
 184 100
 63 62.7 51.8 77.8
 154 60.0 50.9 76.3

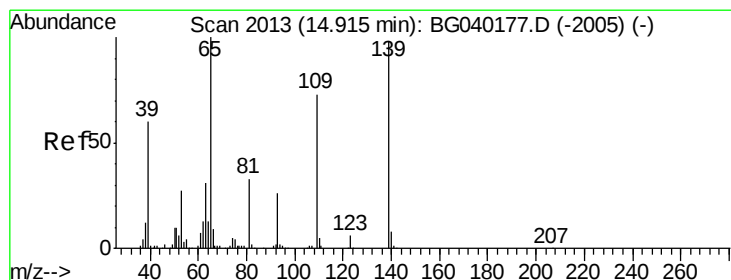
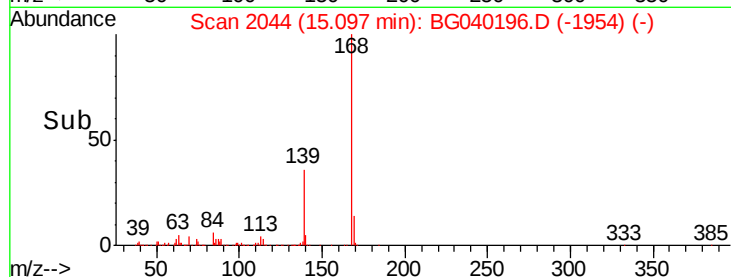
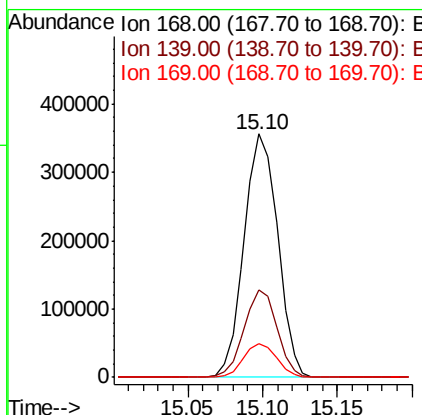
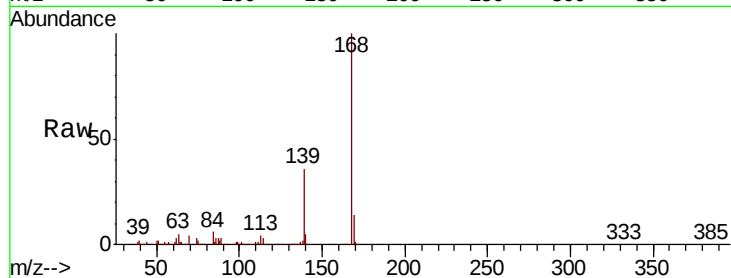




#55
Dibenzenofuran
Concen: 40.790 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

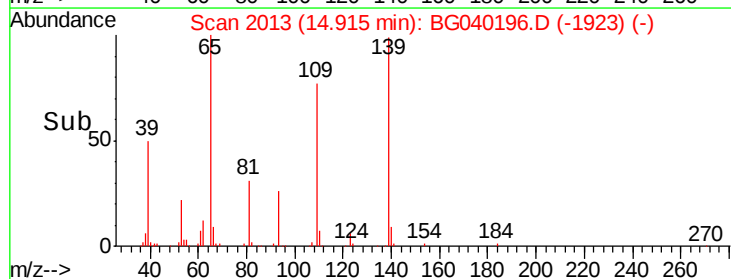
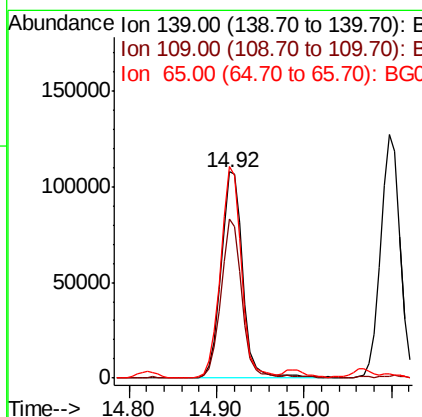
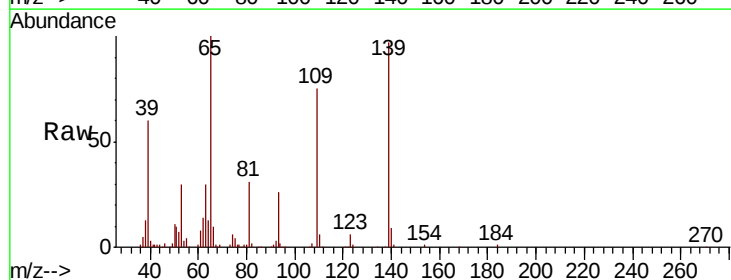
Instrument :
BNA_G
ClientSampleId :
PB118303BS

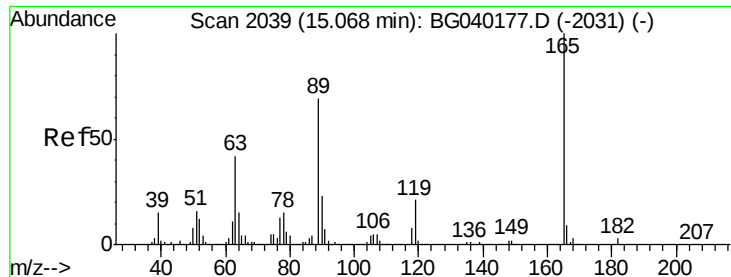
Tgt Ion:168 Resp: 555040
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 85.739 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:139 Resp: 185119
Ion Ratio Lower Upper
139 100
109 77.4 54.3 94.3
65 102.8 82.5 122.5

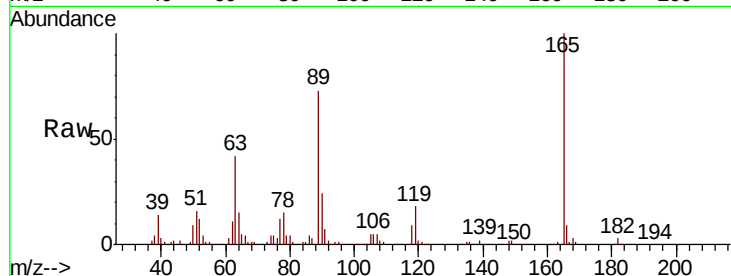




#57
2,4-Dinitrotoluene
Concen: 42.309 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.2	33.8	50.6
89	72.8	55.4	83.2
182	3.1	2.2	3.4



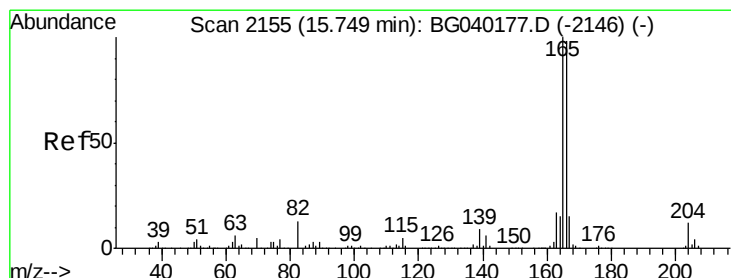
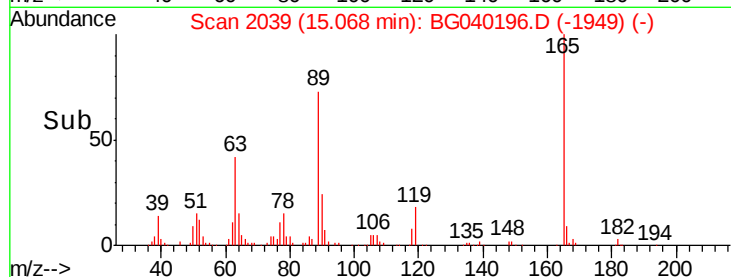
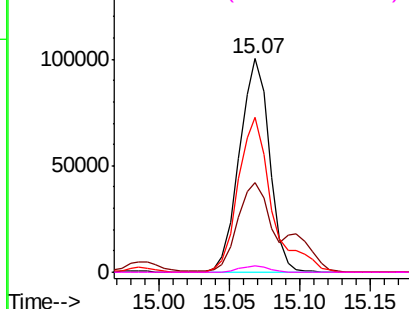
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

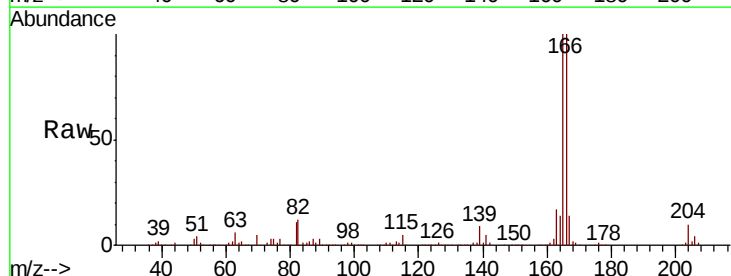
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.541 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.7	122.5
167	14.3	11.9	17.9

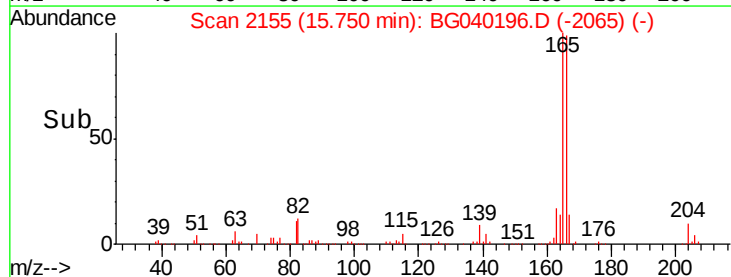
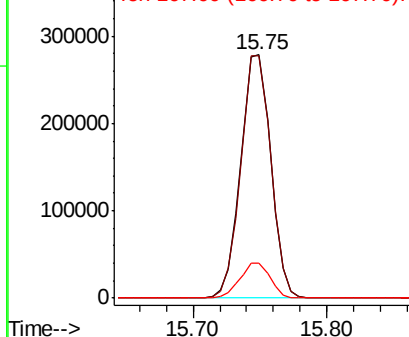


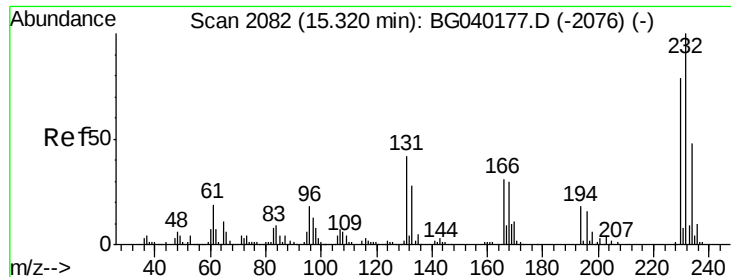
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

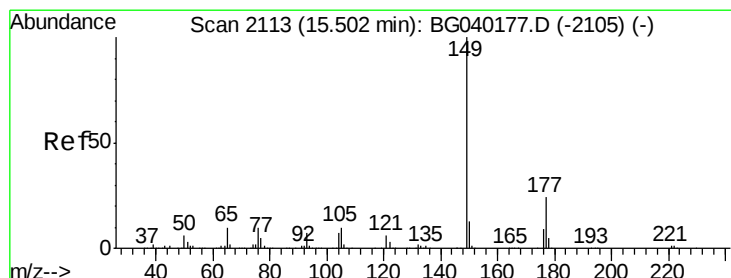
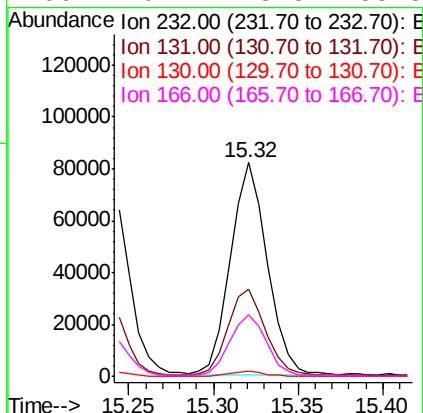
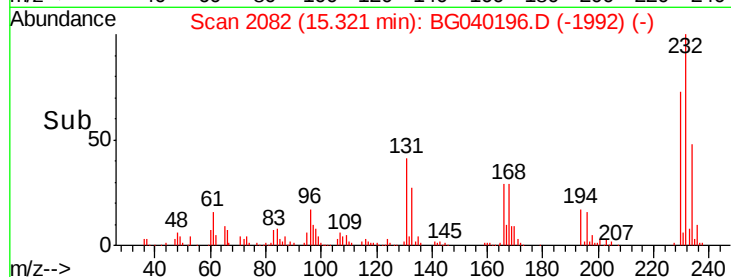
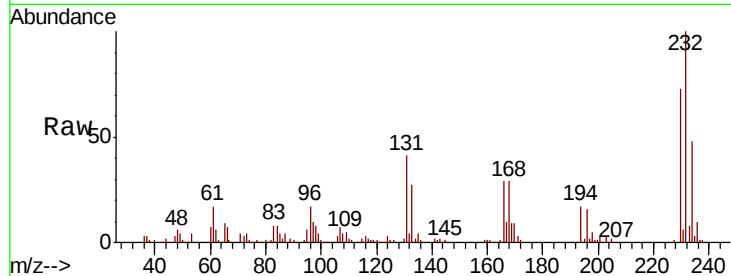




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.354 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

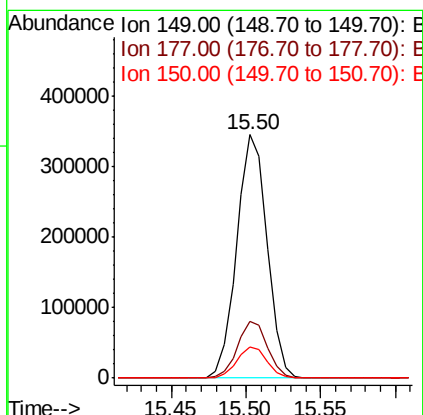
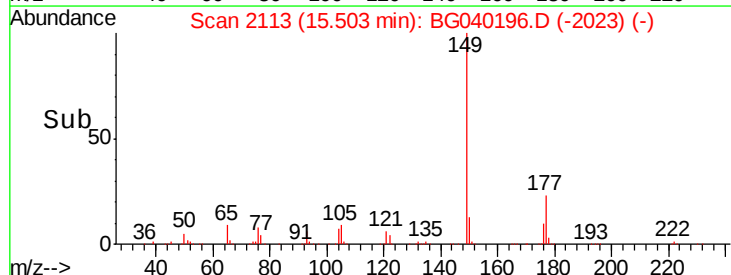
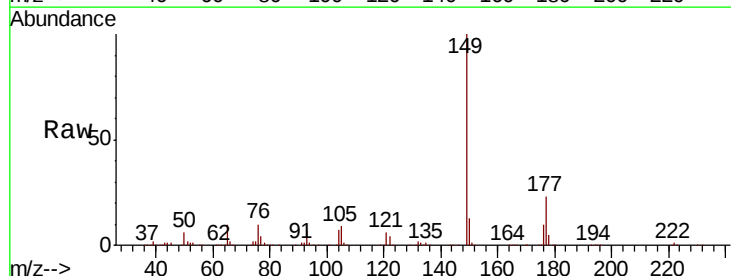
Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

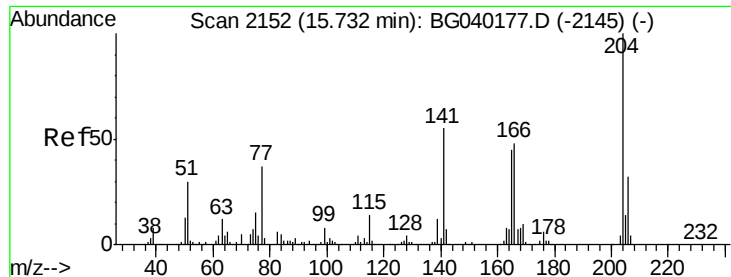
Tgt Ion:	232	Resp:	123457
Ion	Ratio	Lower	Upper
232	100		
131	43.7	32.9	49.3
130	2.3	1.8	2.8
166	29.1	23.5	35.3



#60
 Diethylphthalate
 Concen: 42.257 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion:	149	Resp:	486697
Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.1	28.7
150	12.6	10.6	15.8

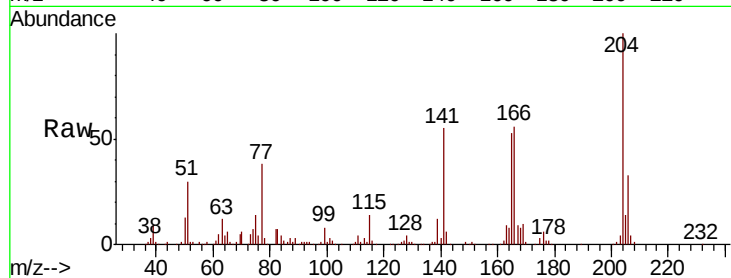




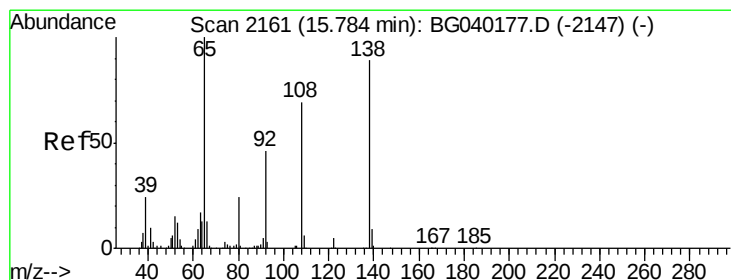
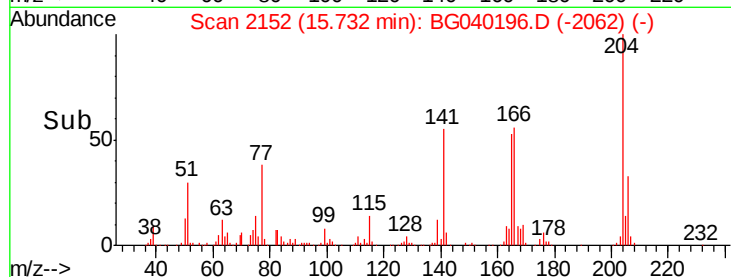
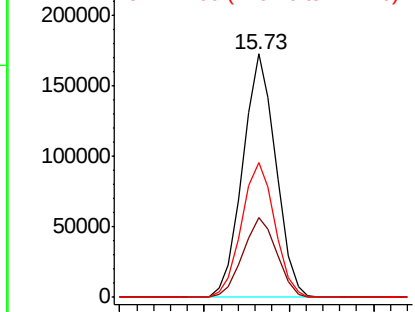
#61
 4-Chlorophenyl-phenylether
 Concen: 40.995 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

Tgt Ion:204 Resp: 234432
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.7 38.5
 141 55.3 44.0 66.0

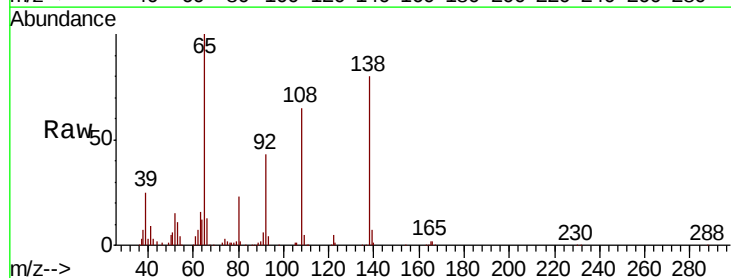


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

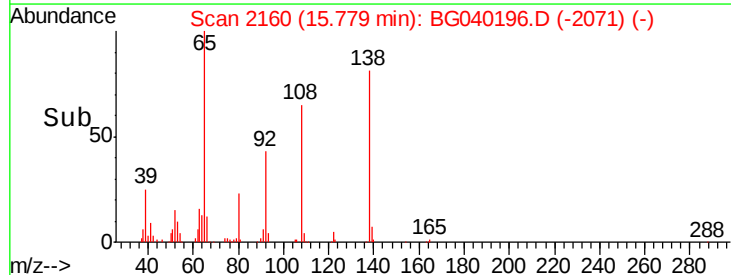
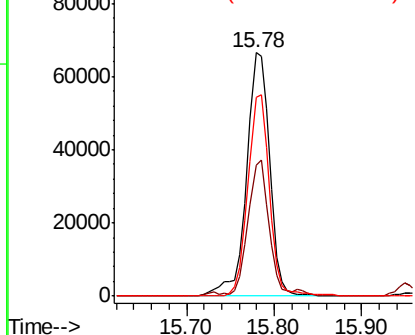


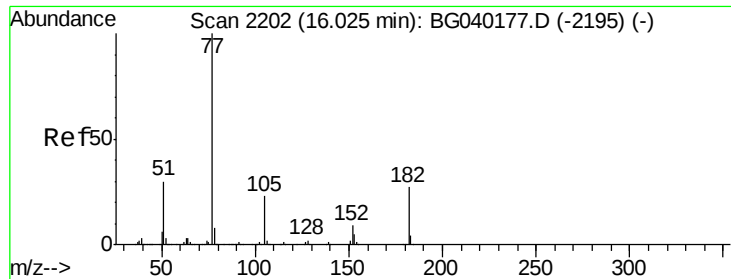
#62
 4-Nitroaniline
 Concen: 41.194 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion:138 Resp: 118264
 Ion Ratio Lower Upper
 138 100
 92 53.6 31.8 71.8
 108 81.7 57.2 97.2



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





#63

Azobenzene

Concen: 40.669 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

Tgt Ion: 77 Resp: 441830

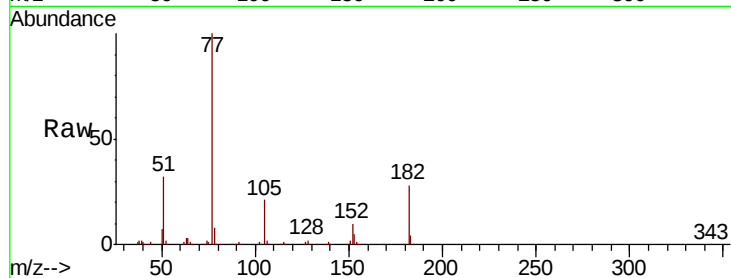
Ion Ratio Lower Upper

77 100

182 28.4 7.2 47.2

105 21.4 2.8 42.8

51 31.6 10.4 50.4

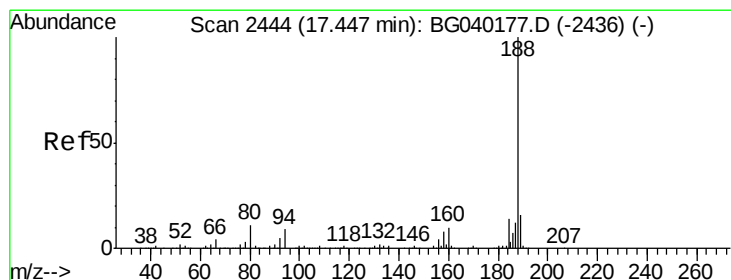
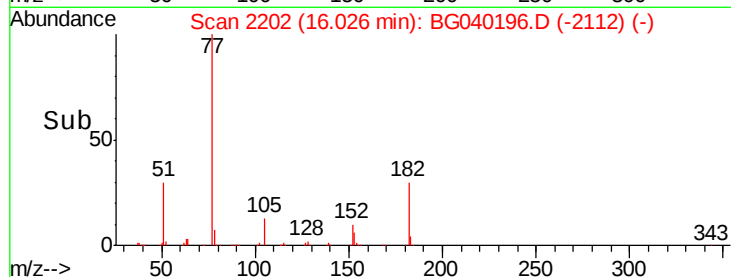
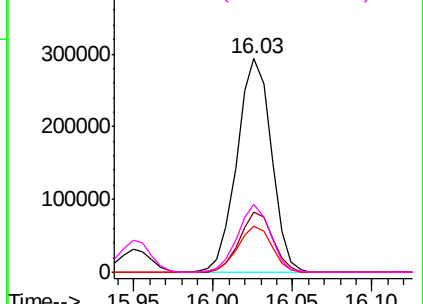


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

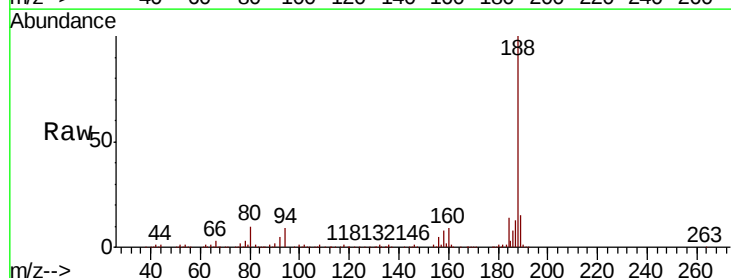
Tgt Ion: 188 Resp: 361746

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

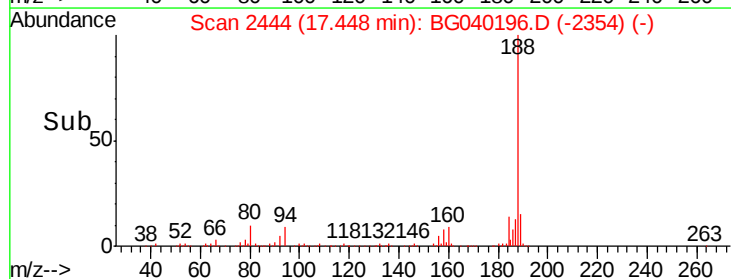
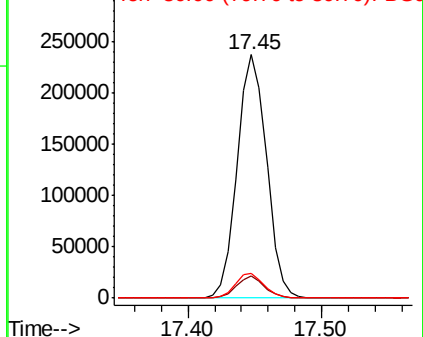
80 9.9 8.6 13.0

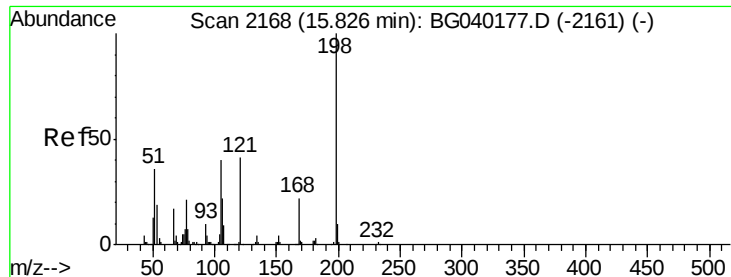


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

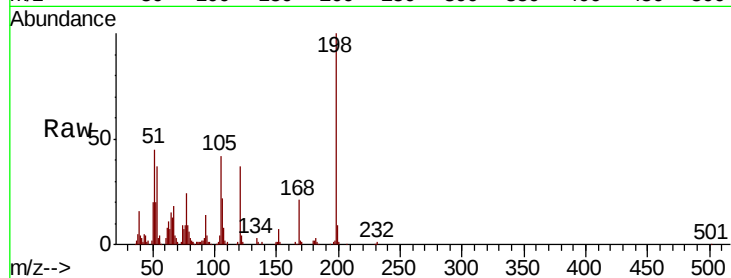




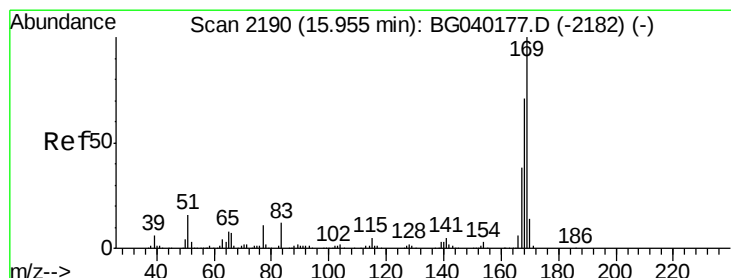
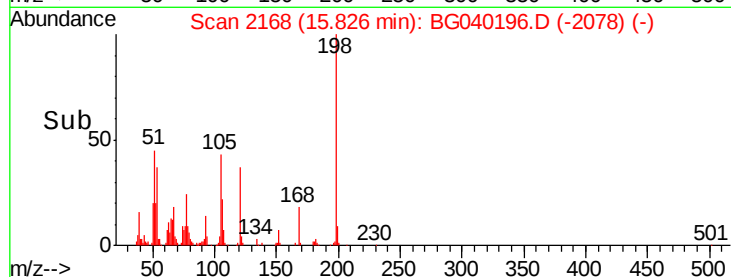
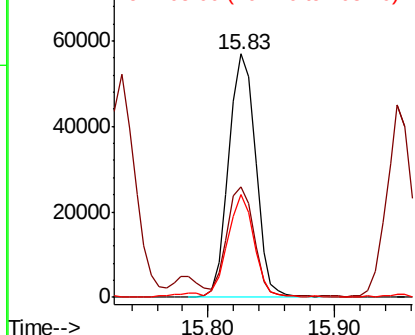
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.229 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

Tgt Ion:198 Resp: 83792
 Ion Ratio Lower Upper
 198 100
 51 45.3 27.3 67.3
 105 42.2 21.7 61.7

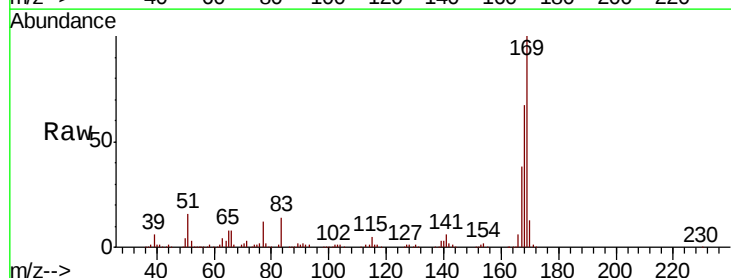


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

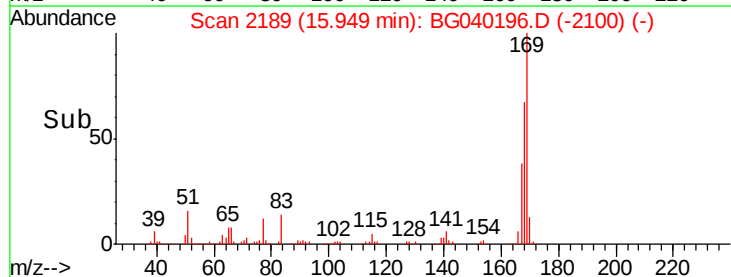
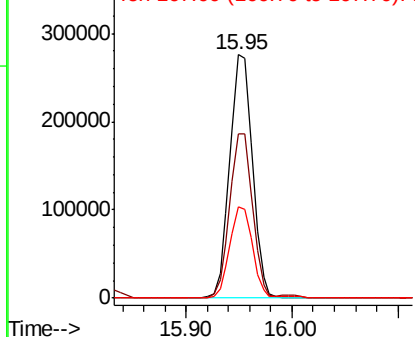


#66
 n-Nitrosodiphenylamine
 Concen: 38.387 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion:169 Resp: 406355
 Ion Ratio Lower Upper
 169 100
 168 67.3 56.8 85.2
 167 37.6 30.2 45.4



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

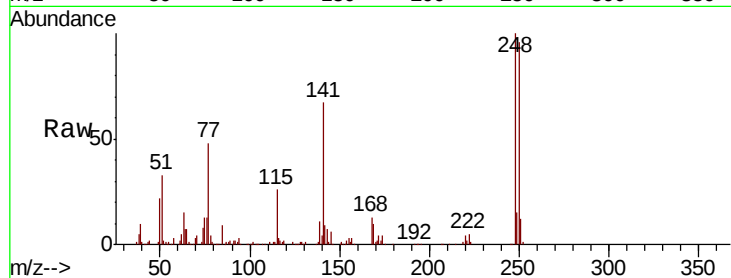




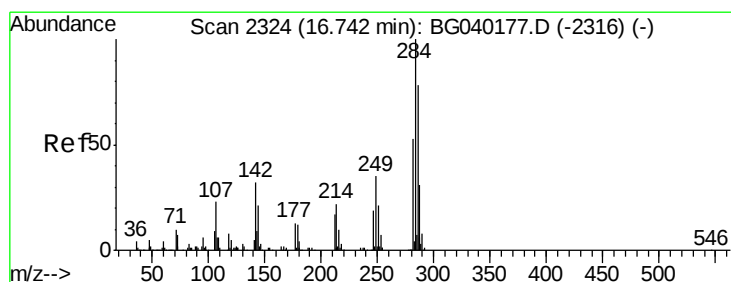
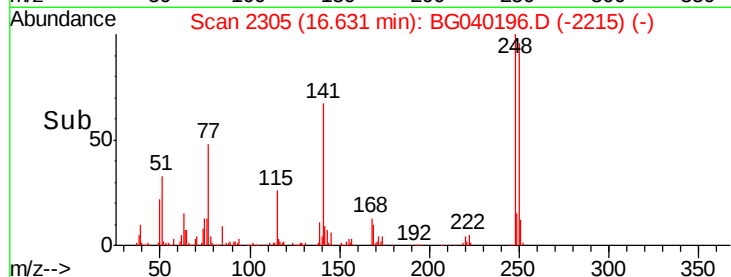
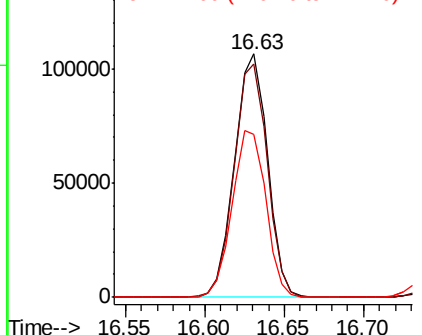
#67
4-Bromophenyl-phenylether
Concen: 37.847 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion:248 Resp: 154070
Ion Ratio Lower Upper
248 100
250 95.8 76.4 114.6
141 67.2 53.8 80.8

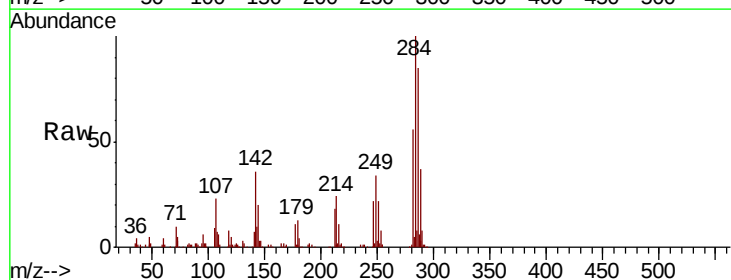


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

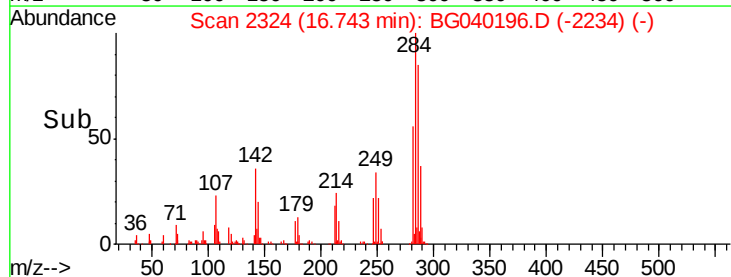
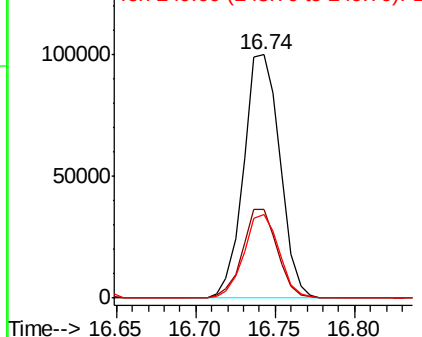


#68
Hexachlorobenzene
Concen: 38.817 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:284 Resp: 158884
Ion Ratio Lower Upper
284 100
142 36.4 25.3 37.9
249 34.5 28.2 42.2



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: 38.514 ng

RT: 16.90 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

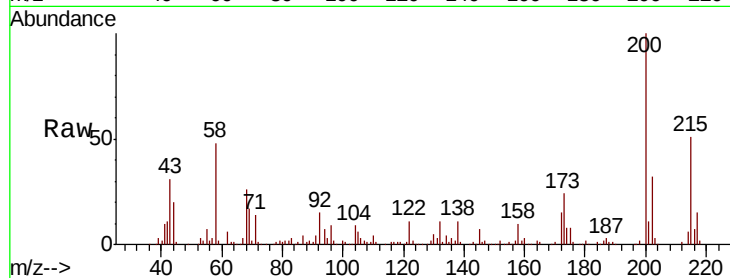
Tgt Ion:200 Resp: 151662

Ion Ratio Lower Upper

200 100

173 24.3 7.1 47.1

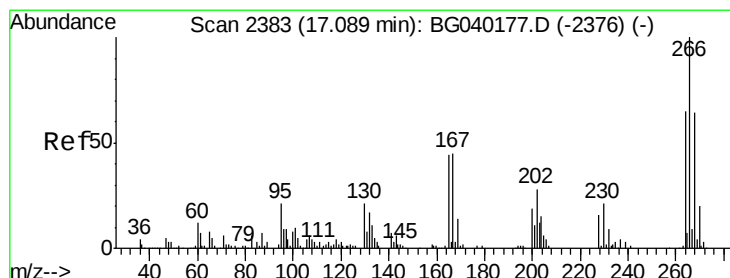
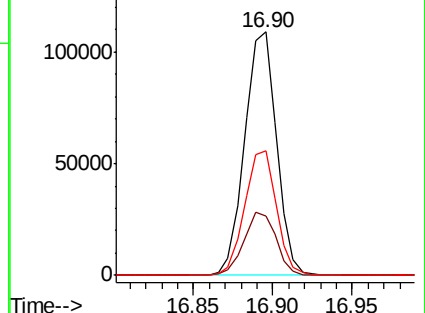
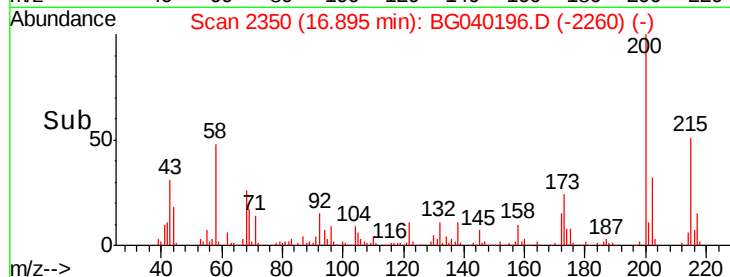
215 51.0 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.185 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

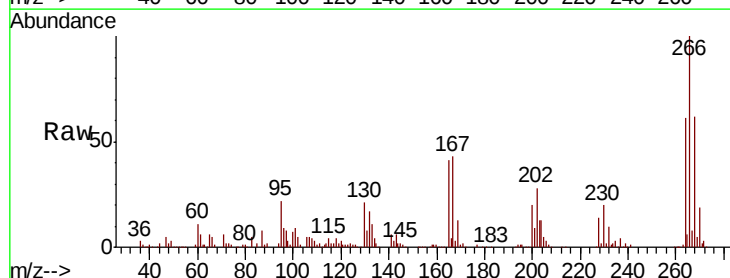
Tgt Ion:266 Resp: 185016

Ion Ratio Lower Upper

266 100

268 61.9 55.0 82.4

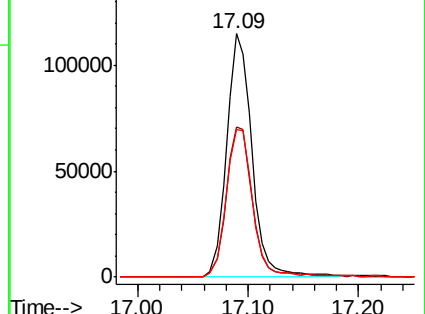
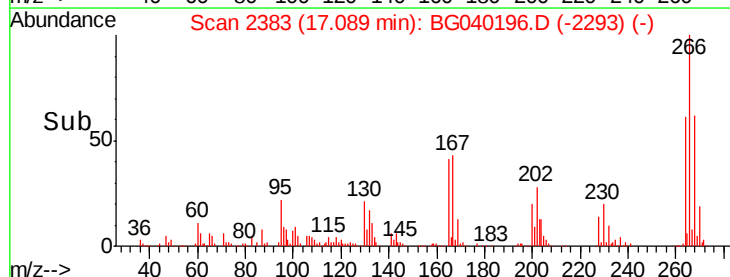
264 60.8 51.8 77.8

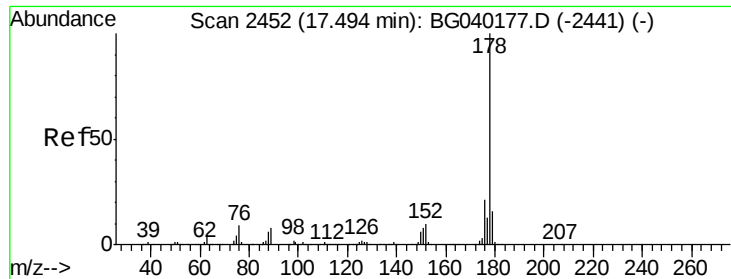


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

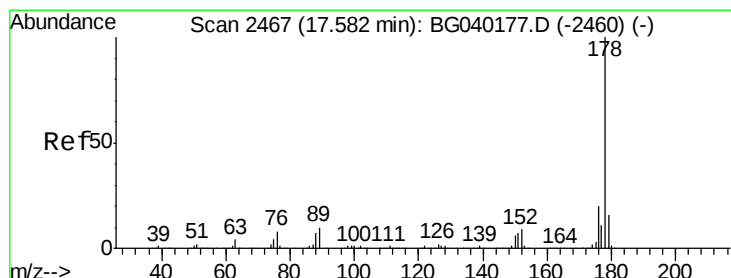
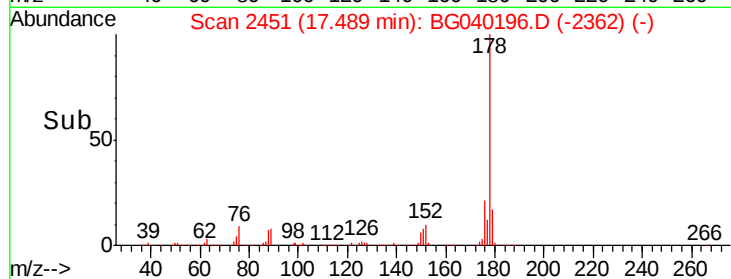
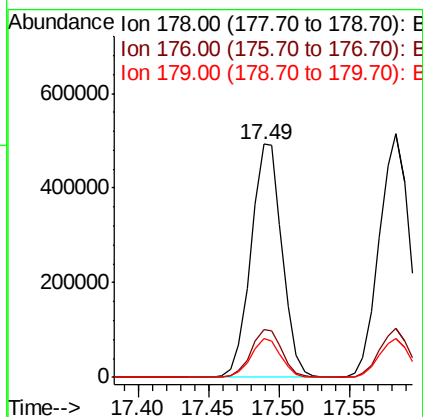
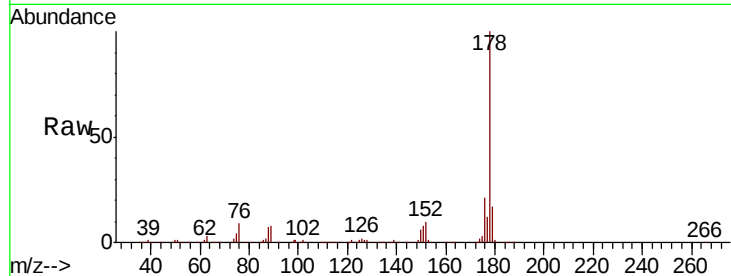




#71
Phenanthrene
Concen: 40.136 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

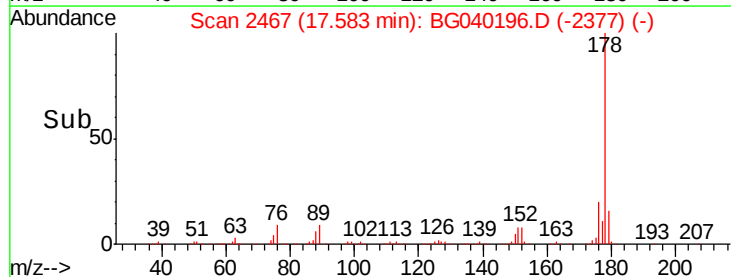
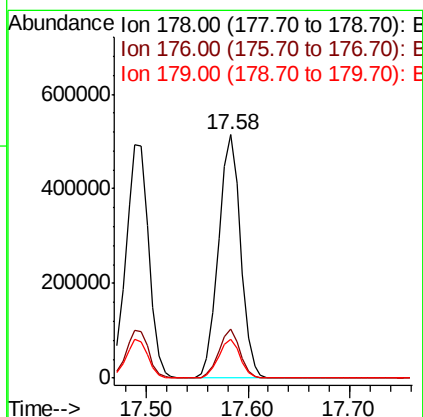
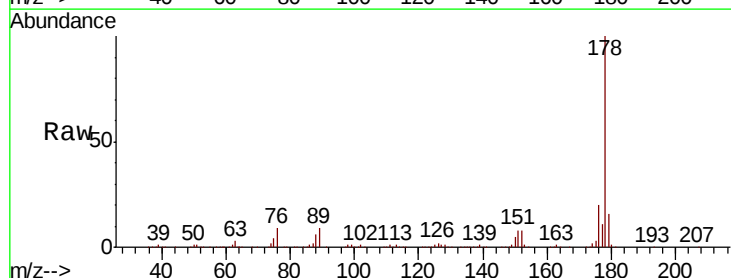
Instrument :
BNA_G
ClientSampleId :
PB118303BS

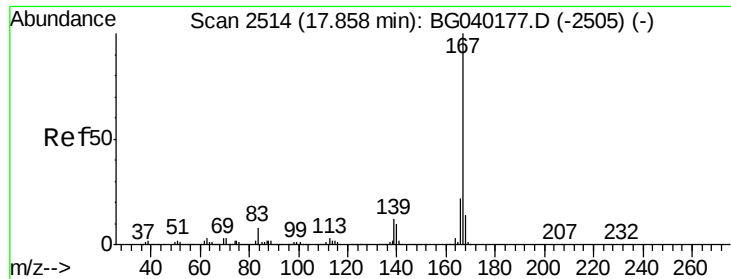
Tgt Ion:178 Resp: 763143
Ion Ratio Lower Upper
178 100
176 20.5 16.7 25.1
179 16.6 12.8 19.2



#72
Anthracene
Concen: 40.800 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:178 Resp: 776479
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.1 12.9 19.3

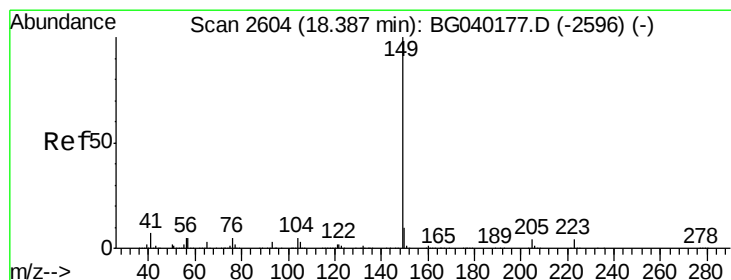
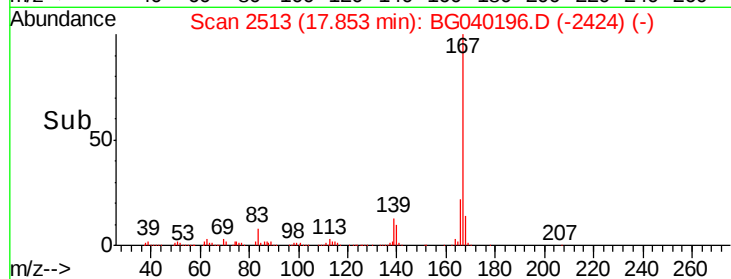
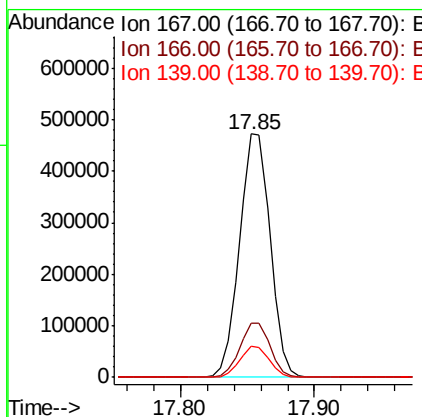
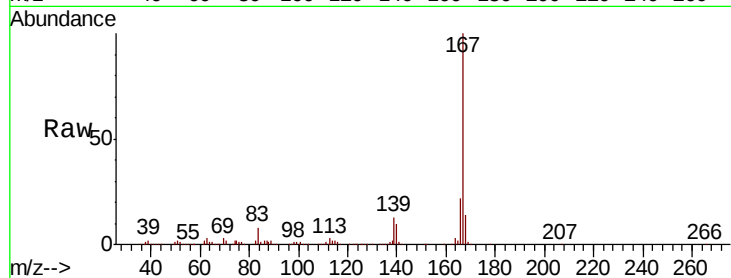




#73
 Carbazole
 Concen: 41.493 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

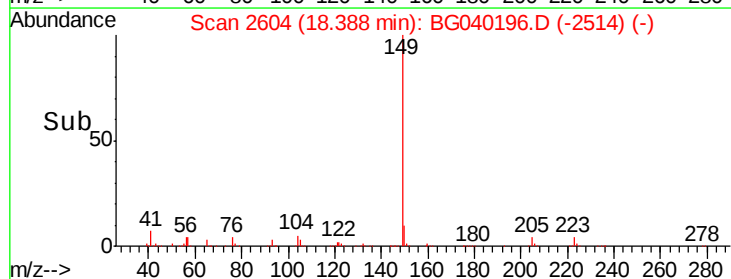
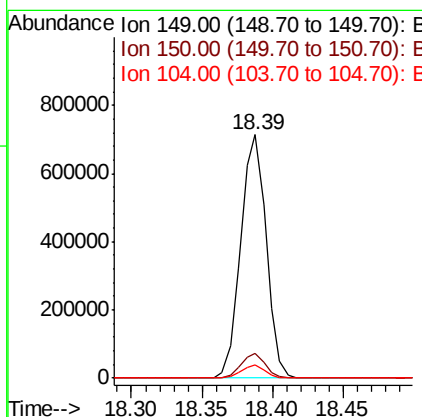
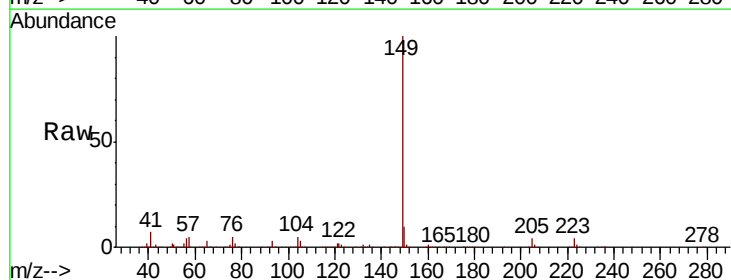
Instrument :
 BNA_G
 ClientSampleId :
 PB118303BS

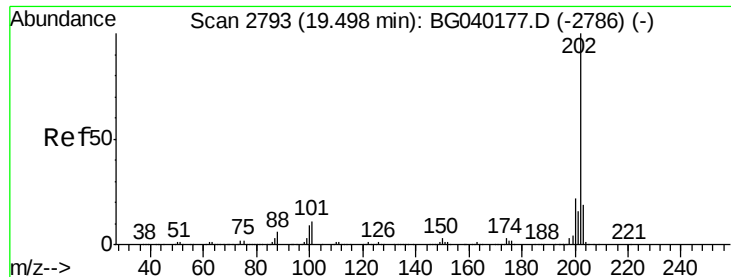
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	12.9	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.041 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BG040196.D
 Acq: 28 Mar 2019 12:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.9	11.9
104	5.4	4.1	6.1





#75

Fluoranthene

Concen: 43.394 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

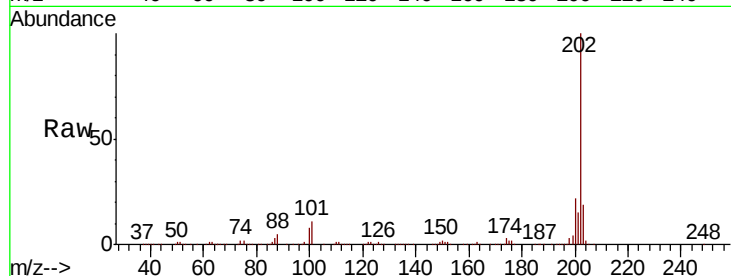
Tgt Ion:202 Resp: 977007

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

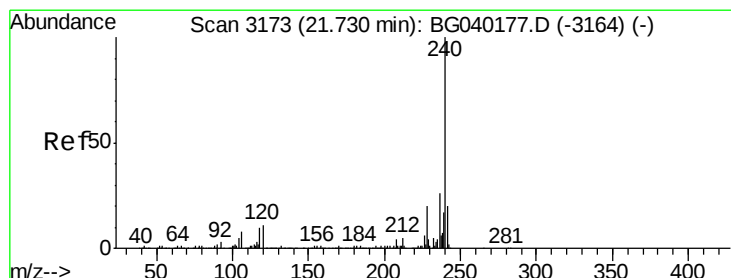
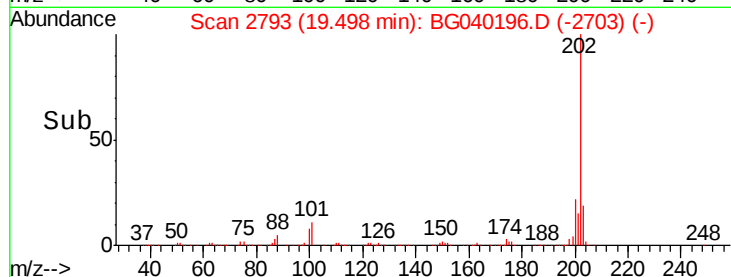
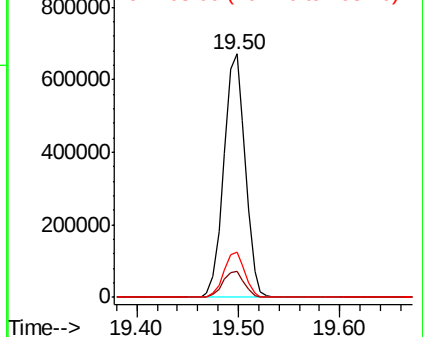
203 18.6 0.0 38.9



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: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

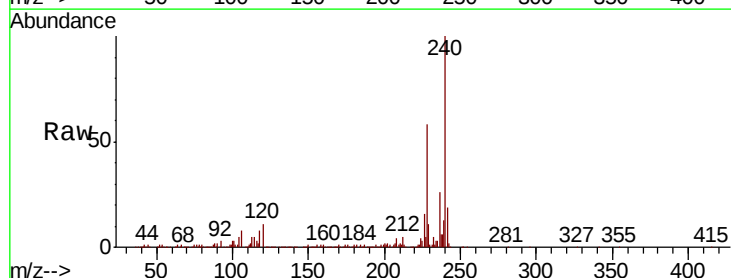
Tgt Ion:240 Resp: 380997

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

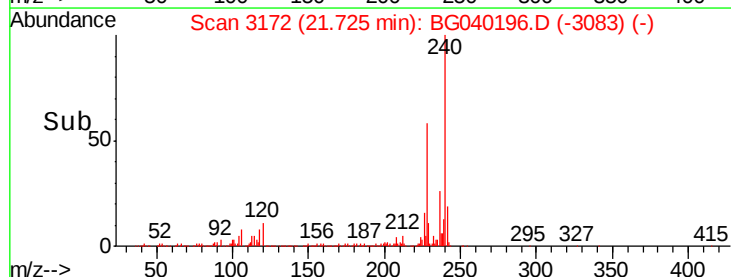
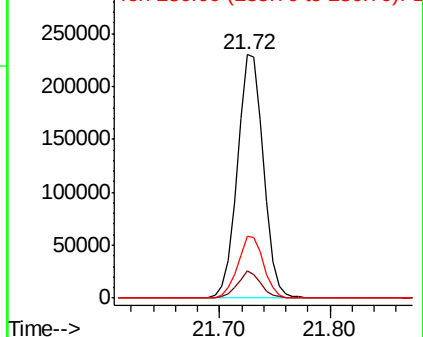
236 25.6 20.8 31.2

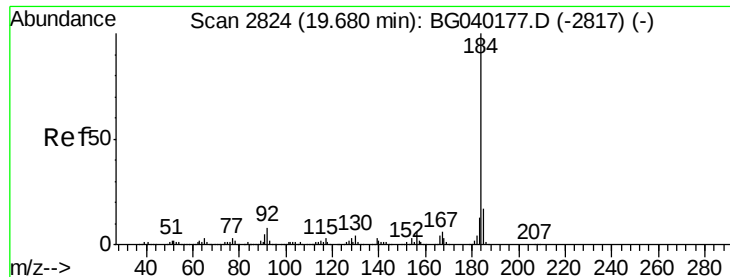


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.953 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

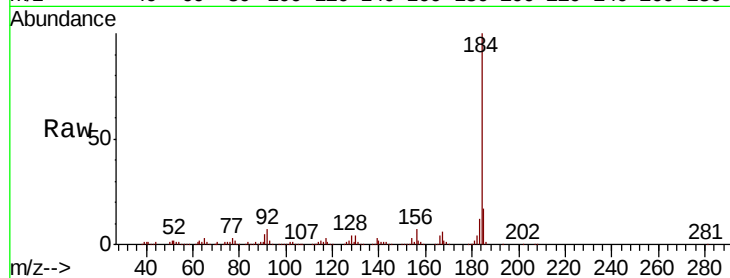
Tgt Ion:184 Resp: 329555

Ion Ratio Lower Upper

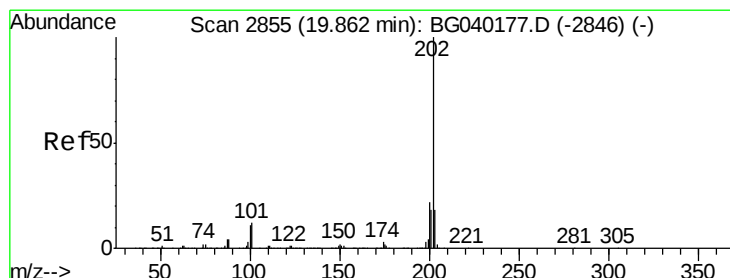
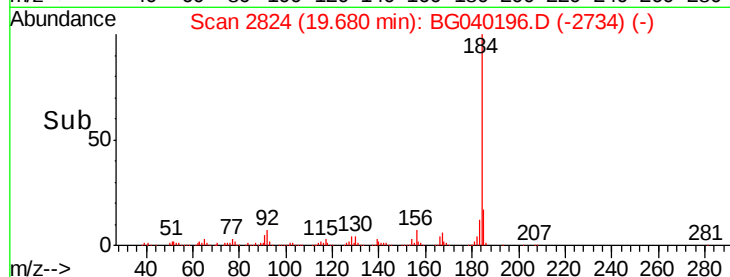
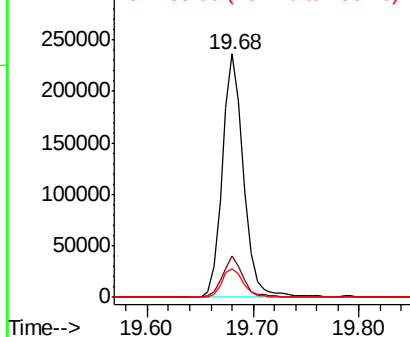
184 100

185 17.0 13.3 19.9

183 11.9 10.3 15.5



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: 39.088 ng

RT: 19.86 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

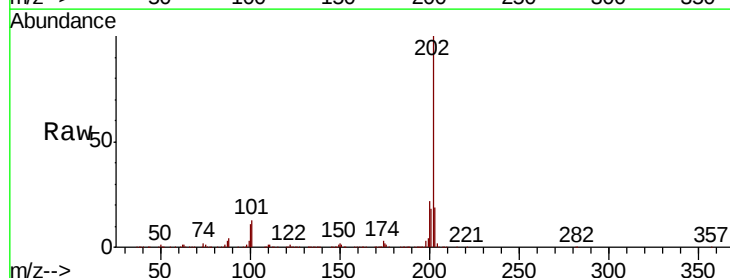
Tgt Ion:202 Resp: 979333

Ion Ratio Lower Upper

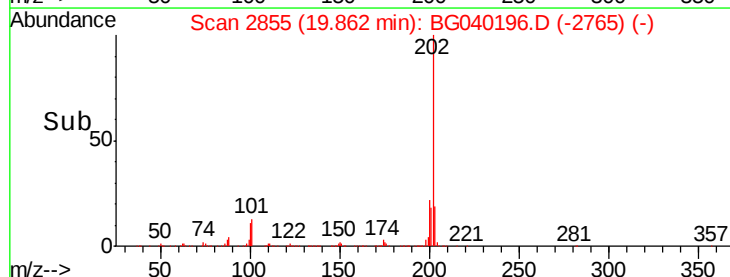
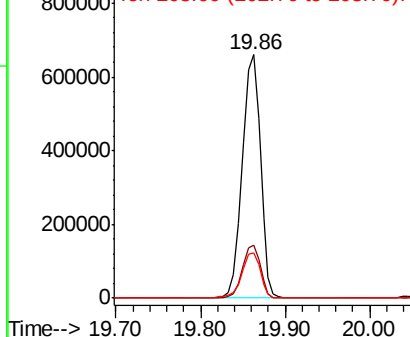
202 100

200 21.5 17.3 25.9

203 18.5 14.6 22.0



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: 75.382 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

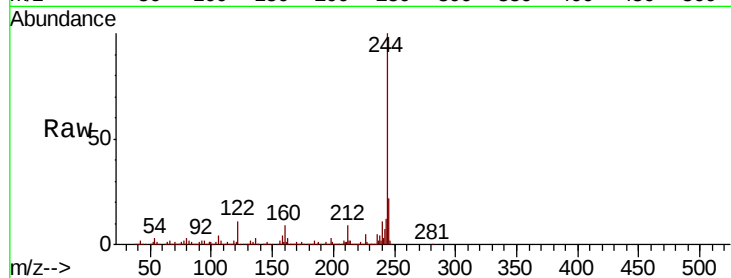
Tgt Ion:244 Resp: 1276653

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

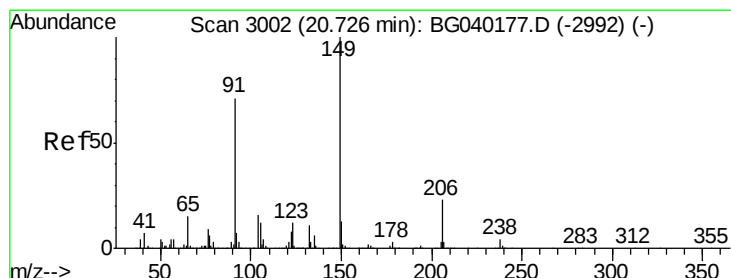
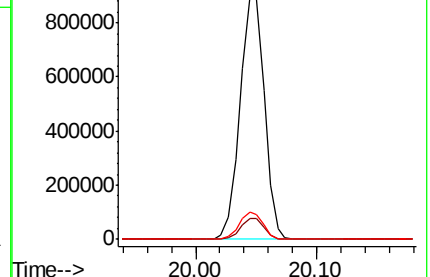
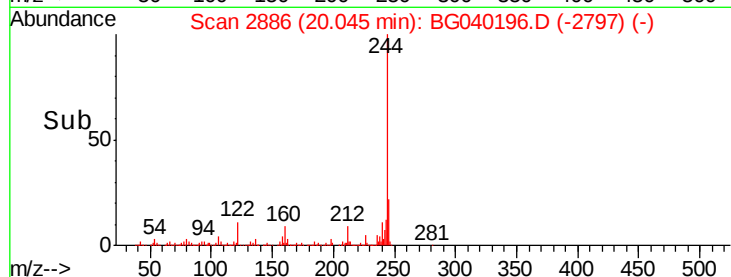
122 11.3 8.5 12.7



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: 39.486 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

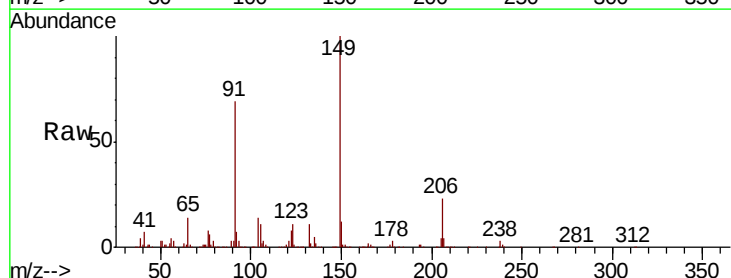
Tgt Ion:149 Resp: 423340

Ion Ratio Lower Upper

149 100

91 69.3 57.0 85.4

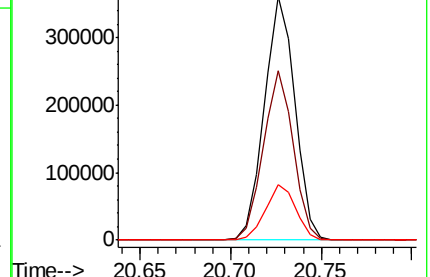
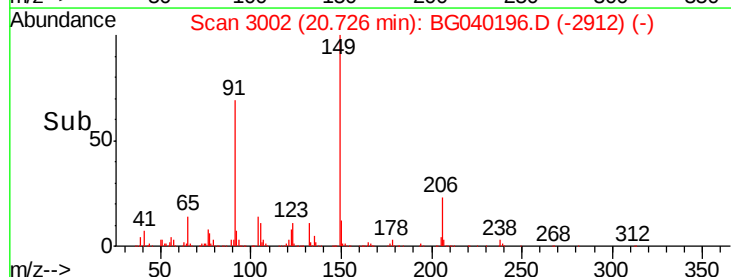
206 22.6 18.2 27.4

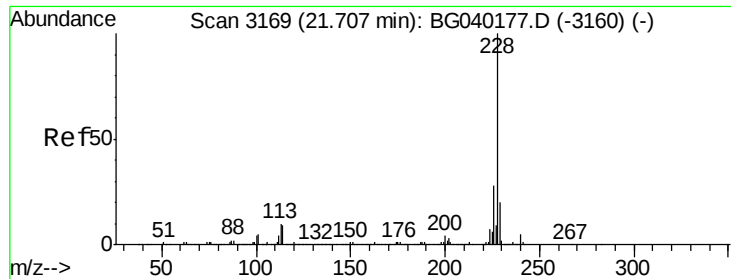


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

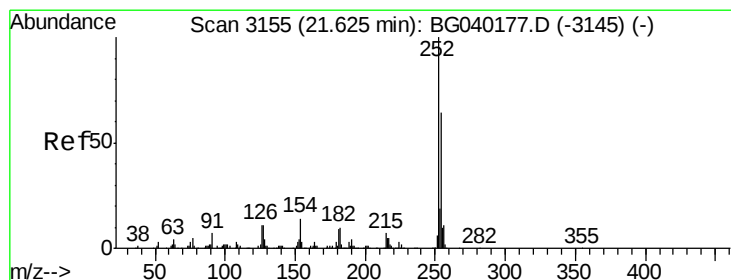
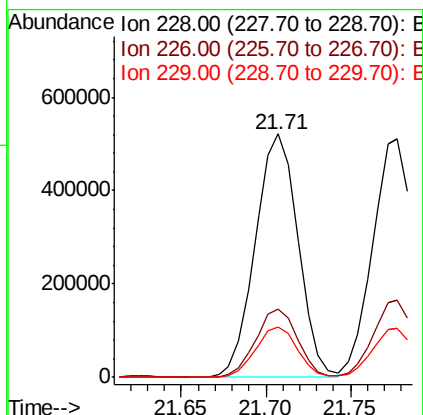
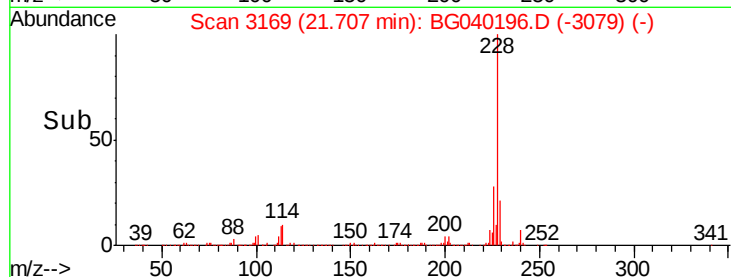
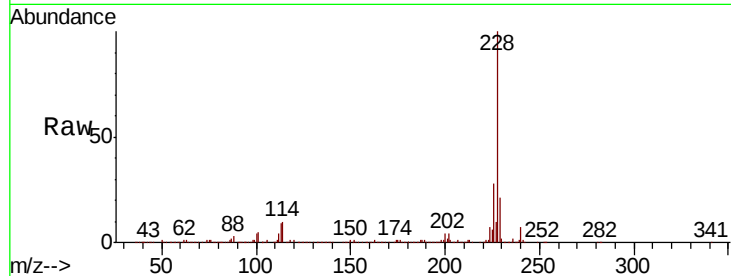




#81
Benzo(a)anthracene
Concen: 38.846 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

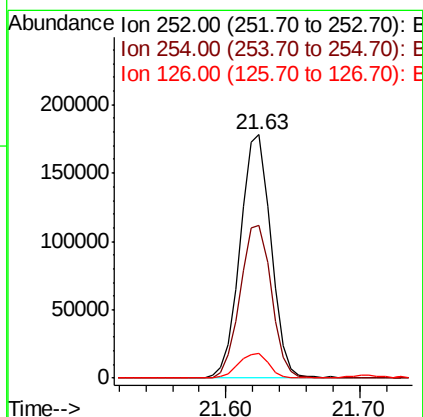
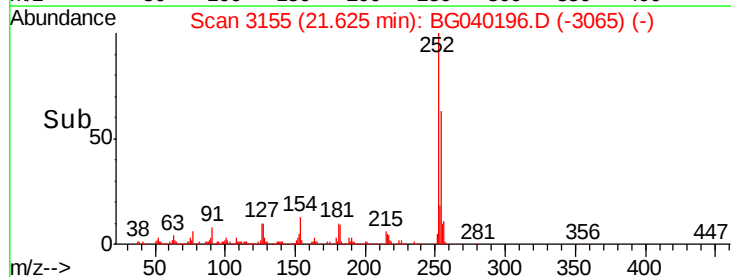
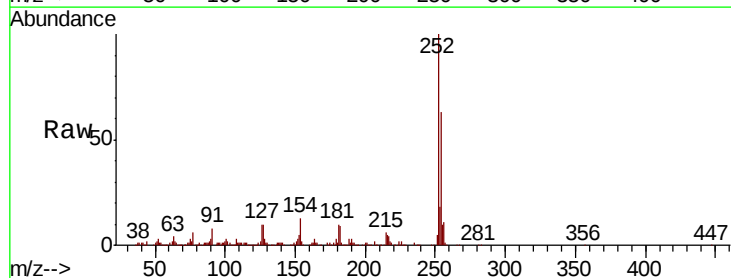
Instrument :
BNA_G
ClientSampleId :
PB118303BS

Tgt Ion:228 Resp: 911602
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 20.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 31.735 ng
RT: 21.63 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG040196.D
Acq: 28 Mar 2019 12:22

Tgt Ion:252 Resp: 283305
Ion Ratio Lower Upper
252 100
254 62.7 51.4 77.2
126 10.2 8.5 12.7





#83

Chrysene

Concen: 38.645 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

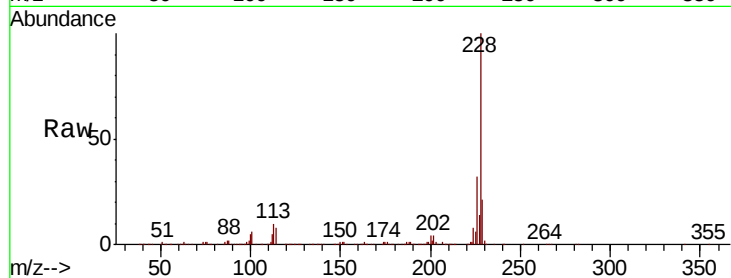
Tgt Ion:228 Resp: 871579

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

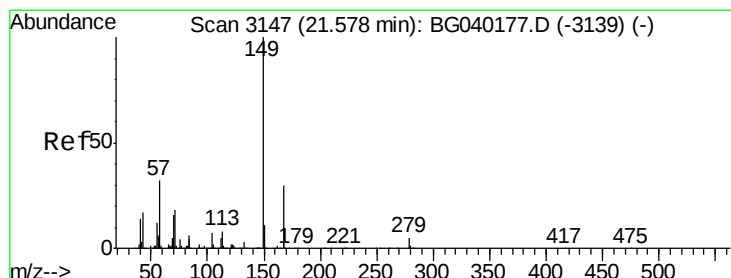
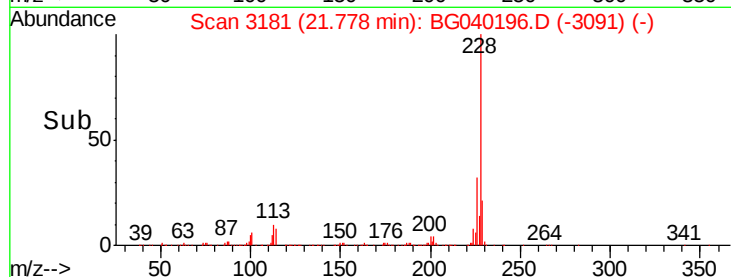
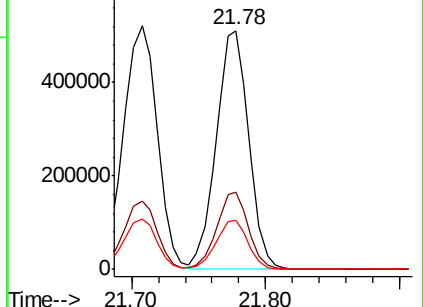
229 20.8 17.0 25.4



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: 38.343 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

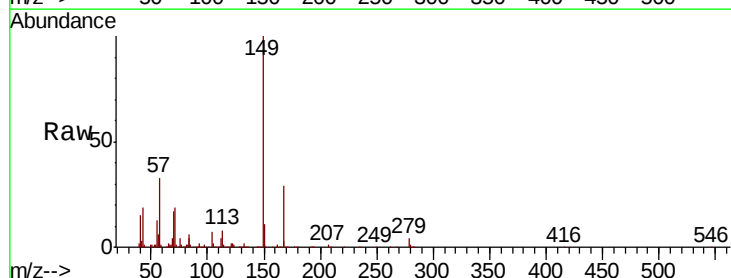
Tgt Ion:149 Resp: 587636

Ion Ratio Lower Upper

149 100

167 29.4 24.1 36.1

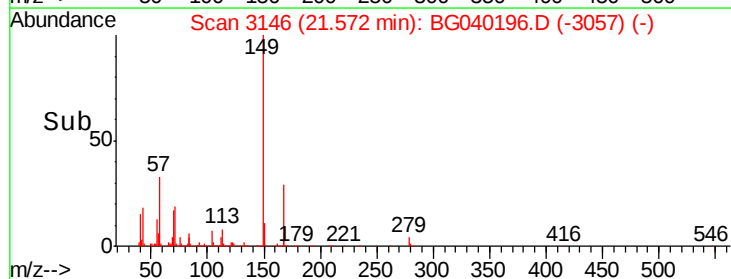
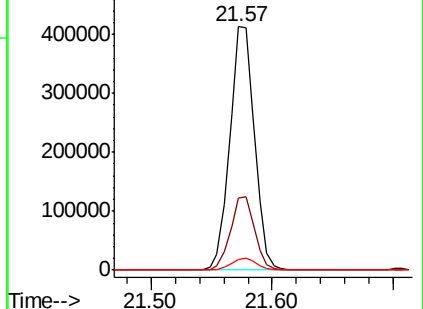
279 4.4 4.1 6.1

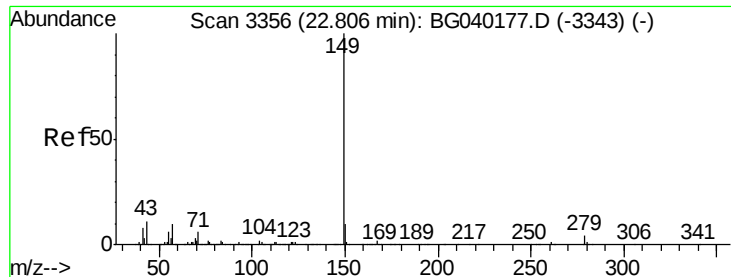


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.988 ng

RT: 22.81 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

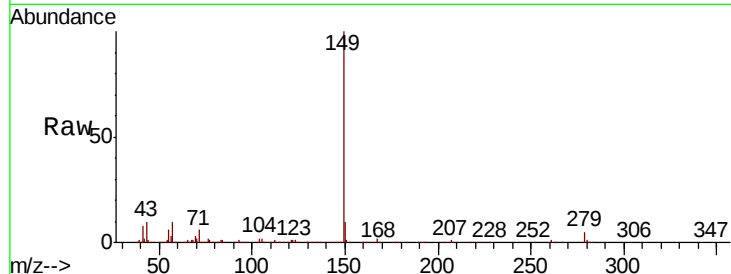
Tgt Ion:149 Resp: 1018039

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

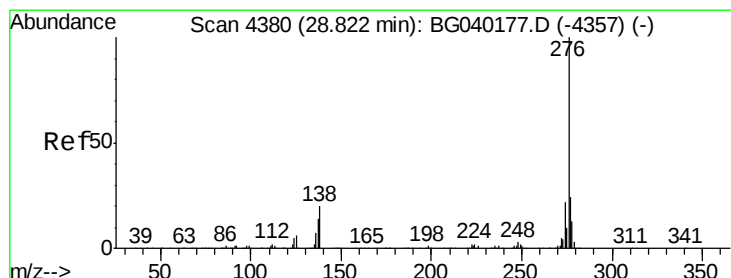
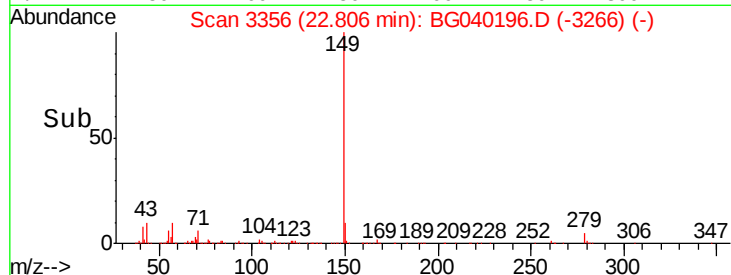
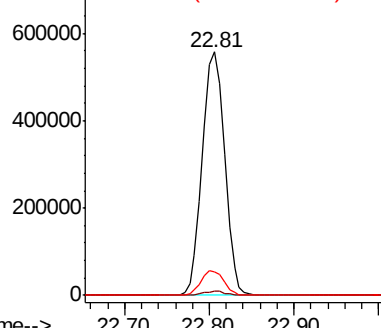
43 10.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.393 ng

RT: 28.82 min Scan# 4380

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

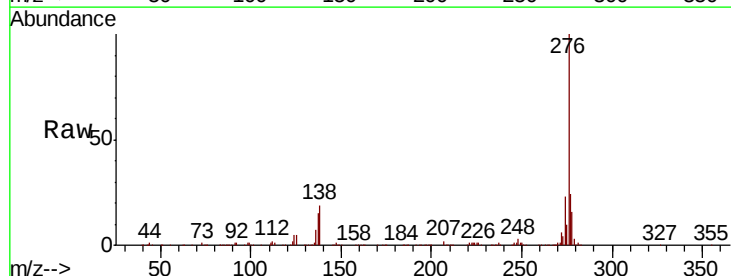
Tgt Ion:276 Resp: 1086627

Ion Ratio Lower Upper

276 100

138 16.0 18.8 28.2#

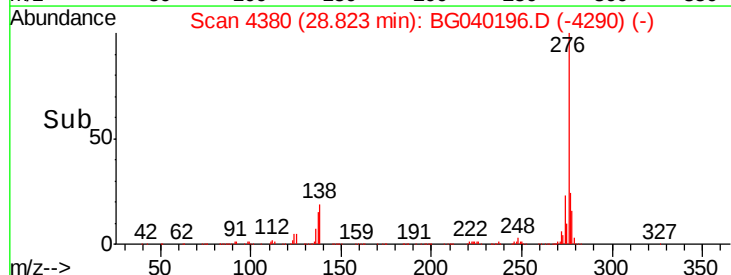
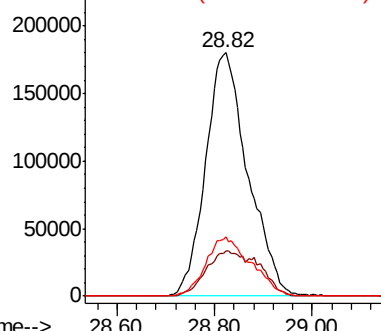
277 25.7 21.0 31.4

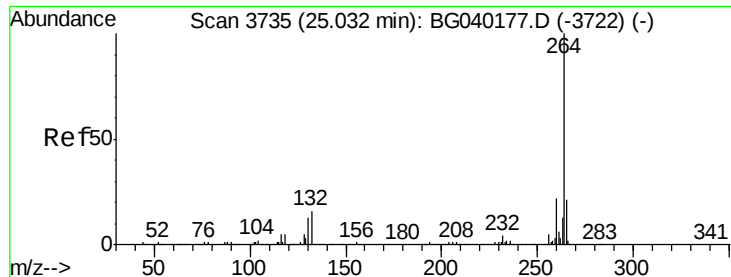


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

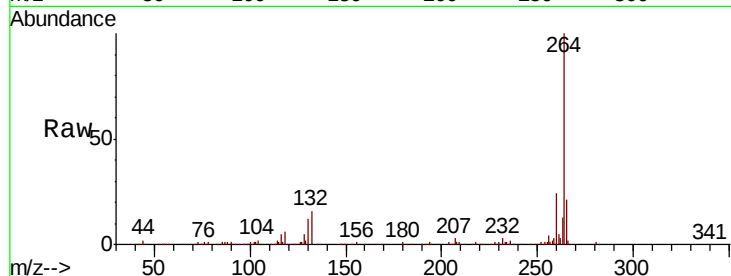
Tgt Ion:264 Resp: 345311

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

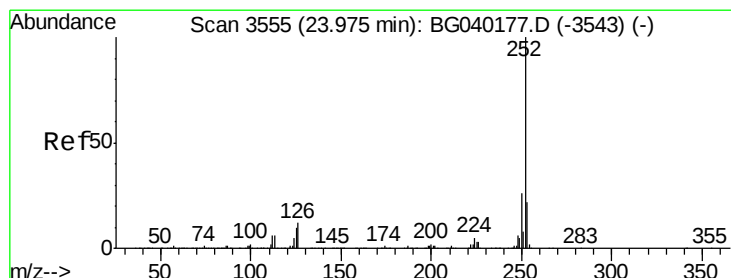
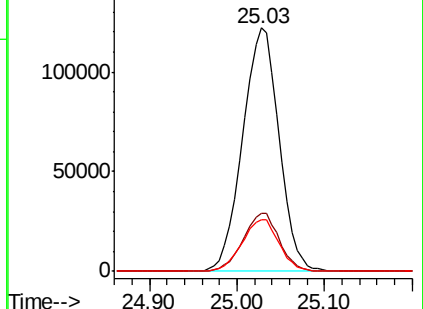
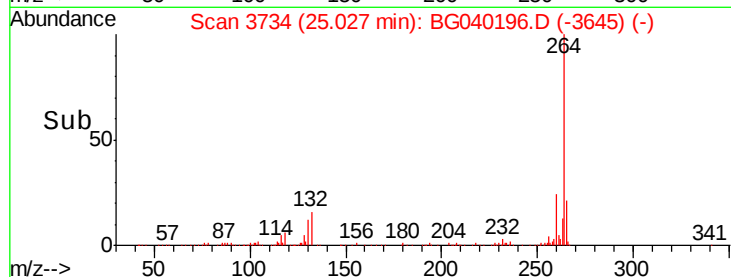
265 21.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.961 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

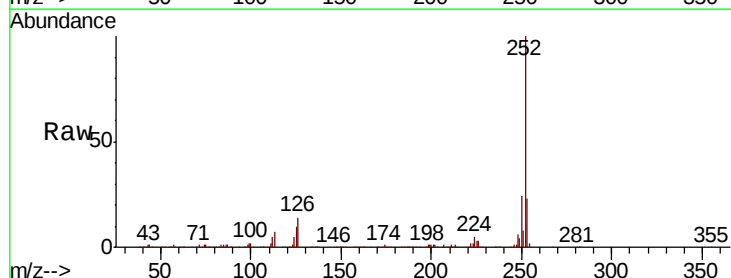
Tgt Ion:252 Resp: 950543

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

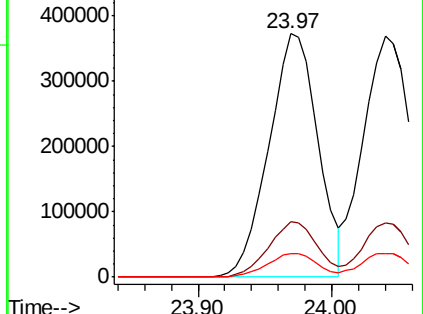
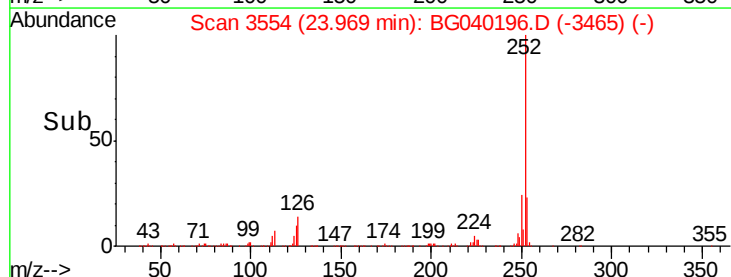
125 9.6 8.2 12.4

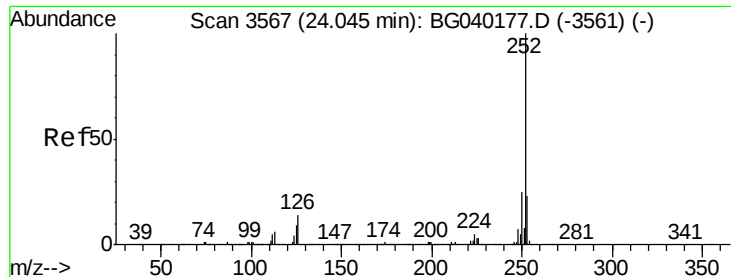


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.445 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

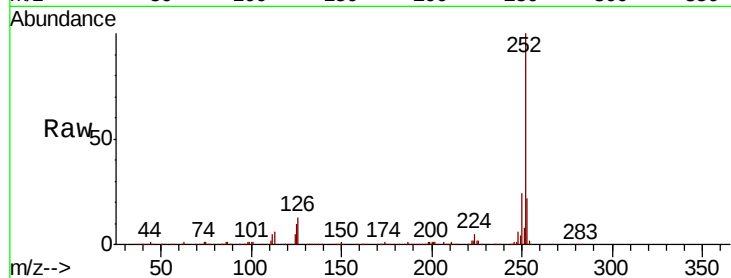
Tgt Ion:252 Resp: 922425

Ion Ratio Lower Upper

252 100

253 22.5 18.6 28.0

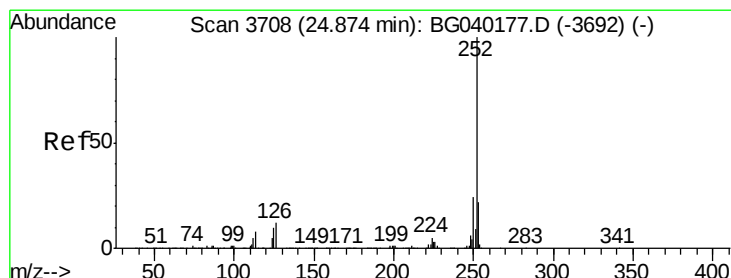
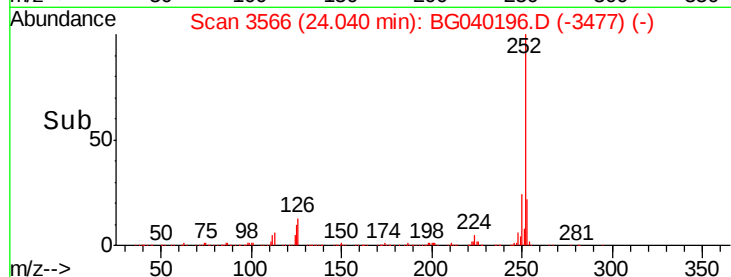
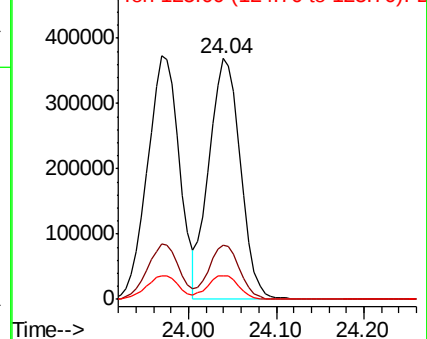
125 9.9 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.679 ng

RT: 24.87 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

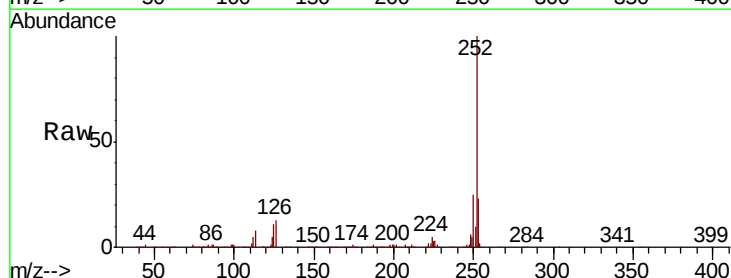
Tgt Ion:252 Resp: 925925

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

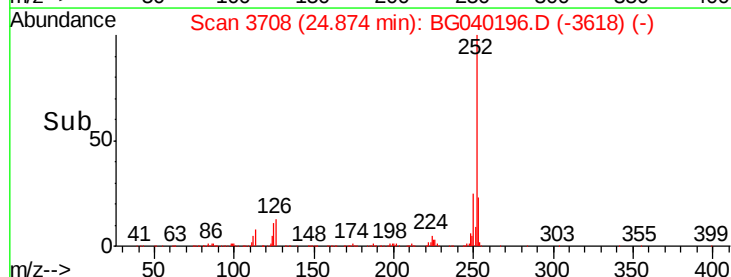
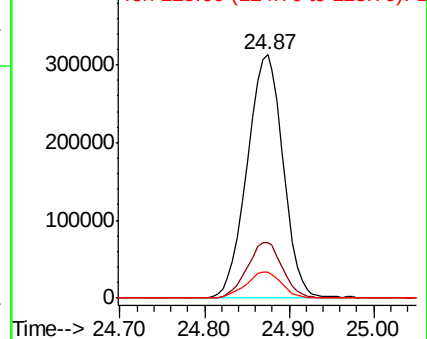
125 10.8 8.3 12.5

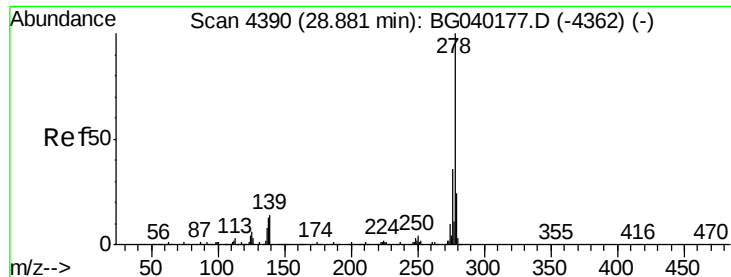


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.628 ng

RT: 28.89 min Scan# 4391

Delta R.T. 0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB118303BS

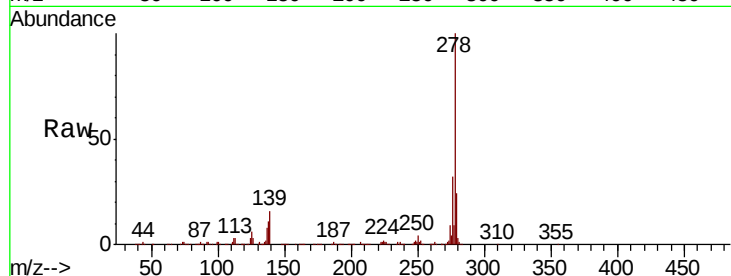
Tgt Ion:278 Resp: 877448

Ion Ratio Lower Upper

278 100

139 15.6 11.2 16.8

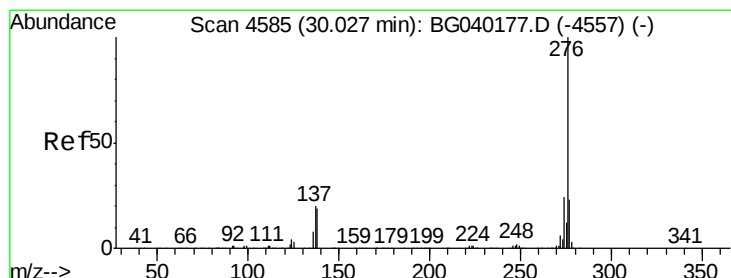
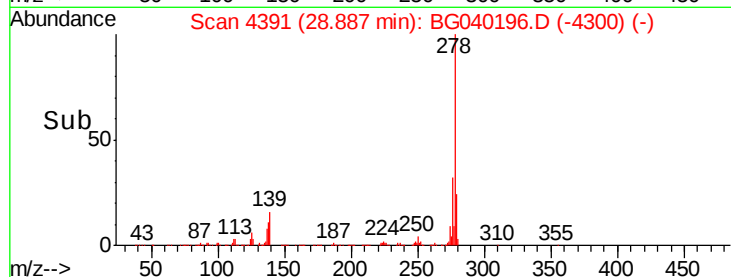
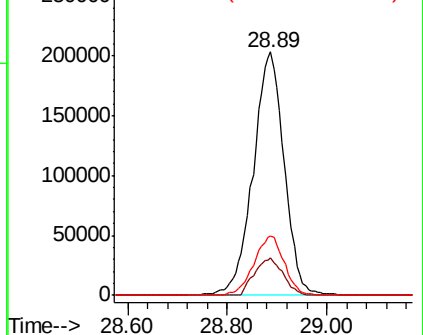
279 24.5 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.465 ng

RT: 30.02 min Scan# 4584

Delta R.T. -0.01 min

Lab File: BG040196.D

Acq: 28 Mar 2019 12:22

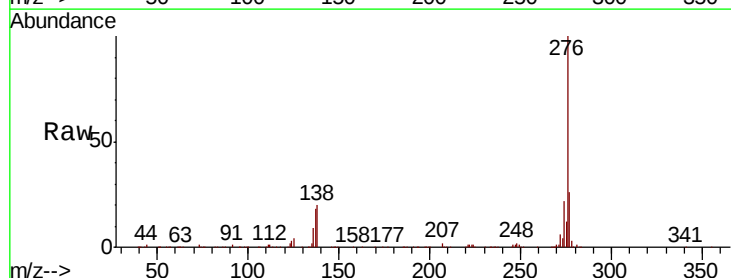
Tgt Ion:276 Resp: 898670

Ion Ratio Lower Upper

276 100

277 25.5 18.6 28.0

138 20.0 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

