

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040558.D
 Acq On : 19 Apr 2019 12:38
 Operator : JU/SJ
 Sample : PB119042BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Quant Time: Apr 19 23:08:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45736	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	270170	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	151004	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	406456	20.00	ng	0.00
76) Chrysene-d12	21.68	240	393701	20.00	ng	-0.02
87) Perylene-d12	24.94	264	352559	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	407890	148.26	ng	-0.02
7) Phenol-d6	7.19	99	576578	151.64	ng	0.00
23) Nitrobenzene-d5	9.21	82	356300	70.10	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	256179	156.98	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	846161	83.03	ng	0.00
79) Terphenyl-d14	20.01	244	1881530	107.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	42514	32.864	ng	98
3) Pyridine	3.87	79	107834	30.959	ng	90
4) n-Nitrosodimethylamine	3.80	42	64712	40.165	ng	# 98
6) Aniline	7.36	93	172977	35.017	ng	96
8) 2-Chlorophenol	7.59	128	146490	45.486	ng	95
9) Benzaldehyde	7.17	77	52378	20.083	ng	96
10) Phenol	7.22	94	194575	47.147	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	135980	41.138	ng	99
12) 1,3-Dichlorobenzene	7.92	146	136923	39.111	ng	97
13) 1,4-Dichlorobenzene	8.06	146	137247	39.361	ng	99
14) 1,2-Dichlorobenzene	8.39	146	164781	49.418	ng	98
15) Benzyl Alcohol	8.28	79	173105	56.532	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	259021	40.831	ng	97
17) 2-Methylphenol	8.47	107	132687	46.463	ng	98
18) Hexachloroethane	9.10	117	50349	37.961	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	117051	42.938	ng	98
20) 3+4-Methylphenols	8.80	107	189544	48.994	ng	98
22) Acetophenone	8.86	105	220152	32.667	ng	97
24) Nitrobenzene	9.25	77	172348	32.744	ng	97
25) Isophorone	9.76	82	347838	33.260	ng	99
26) 2-Nitrophenol	9.96	139	84030	33.693	ng	93
27) 2,4-Dimethylphenol	10.00	122	153093	38.644	ng	100
28) bis(2-Chloroethoxy)methane	10.24	93	194993	31.514	ng	100
29) 2,4-Dichlorophenol	10.49	162	156915	36.492	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	192734	40.820	ng	97
31) Naphthalene	10.89	128	549201	39.659	ng	100
32) Benzoic acid	10.16	122	23311	9.739	ng	96
33) 4-Chloroaniline	11.01	127	169765	28.740	ng	98
34) Hexachlorobutadiene	11.15	225	86339	28.592	ng	94
35) Caprolactam	11.81	113	30000	17.581	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	199216	40.299	ng	99
37) 2-Methylnaphthalene	12.49	142	355603	34.720	ng	96
38) 1-Methylnaphthalene	12.72	142	344976	34.735	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	178678	37.229	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	177102	67.205	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	137408	44.406	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	152017	45.072	ng	98
46) 1,1'-Biphenyl	13.50	154	470751	39.455	ng	99
47) 2-Chloronaphthalene	13.55	162	372904	40.745	ng	98
48) 2-Nitroaniline	13.76	65	145198	47.034	ng	90
49) Acenaphthylene	14.39	152	639526	41.214	ng	99
50) Dimethylphthalate	14.12	163	524019	44.340	ng	99
51) 2,6-Dinitrotoluene	14.25	165	119553	45.053	ng	99
52) Acenaphthene	14.73	154	374405	42.108	ng	95
53) 3-Nitroaniline	14.59	138	96246	34.264	ng	89
54) 2,4-Dinitrophenol	14.79	184	120065	85.077	ng	97
55) Dibenzofuran	15.06	168	619054	43.329	ng	99
56) 4-Nitrophenol	14.89	139	211912	93.475	ng	97
57) 2,4-Dinitrotoluene	15.04	165	171342	46.469	ng	95
58) Fluorene	15.71	166	494815	44.050	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	153799	50.251	ng	98
60) Diethylphthalate	15.47	149	561578	46.437	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	260328	43.356	ng	93
62) 4-Nitroaniline	15.75	138	134390	44.582	ng	94
63) Azobenzene	15.99	77	511652	44.853	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	96122	42.093	ng	99
66) n-Nitrosodiphenylamine	15.92	169	476404	40.054	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	176436	38.573	ng	94
68) Hexachlorobenzene	16.71	284	180151	39.172	ng	95
69) Atrazine	16.86	200	175534	39.673	ng	98
70) Pentachlorophenol	17.06	266	190063	71.483	ng	95
71) Phenanthrene	17.45	178	864267	40.454	ng	99
72) Anthracene	17.55	178	879369	41.123	ng	99
73) Carbazole	17.82	167	851278	42.065	ng	99
74) Di-n-butylphthalate	18.35	149	1005933	41.934	ng	100
75) Fluoranthene	19.46	202	1372408	54.250	ng	96
77) Benzidine	19.64	184	537797	37.828	ng	97
78) Pyrene	19.82	202	1363362	52.659	ng	98
80) Butylbenzylphthalate	20.69	149	640225	57.788	ng	99
81) Benzo(a)anthracene	21.67	228	939689	38.750	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	269331	29.197	ng	97
83) Chrysene	21.73	228	930263	39.916	ng	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	657364	41.509	ng	100
85) Di-n-octyl phthalate	22.75	149	1121239	41.555	ng	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	1141259	40.038	ng	# 92
88) Benzo(b)fluoranthene	23.90	252	998806	46.273	ng	97
89) Benzo(k)fluoranthene	23.97	252	955566	48.140	ng	98
90) Benzo(a)pyrene	24.80	252	982630	48.519	ng	99
91) Dibenzo(a,h)anthracene	28.76	278	928949	49.387	ng	100
92) Benzo(g,h,i)perylene	29.89	276	960784	49.703	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

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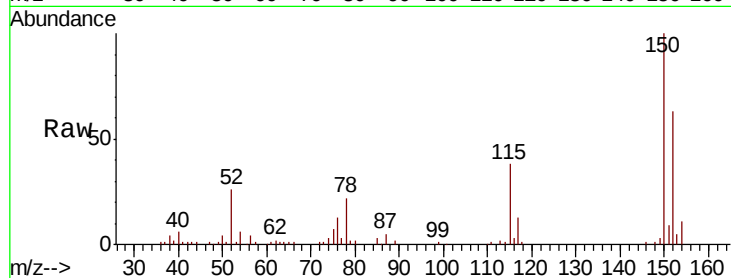
Tgt Ion:152 Resp: 45736

Ion Ratio Lower Upper

152 100

150 158.7 123.7 185.5

115 60.6 46.9 70.3

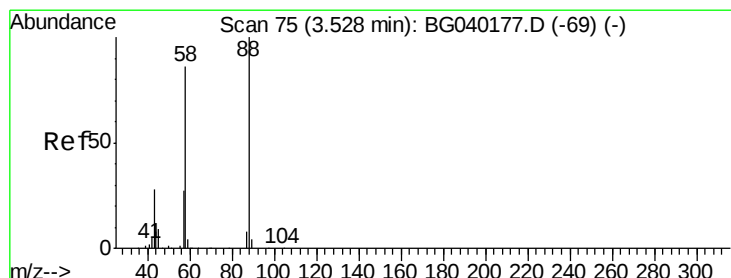
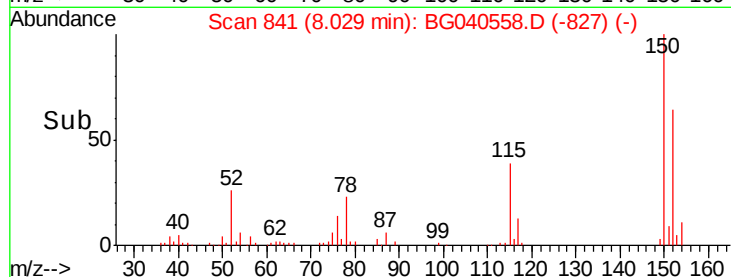
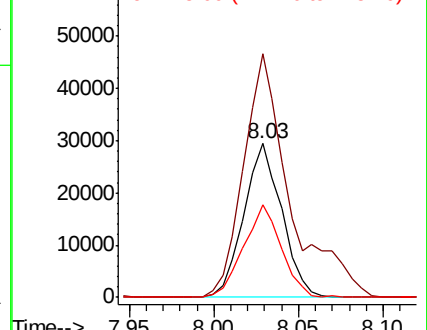


Abundance

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



#2

1,4-Dioxane

Concen: 32.864 ng

RT: 3.47 min Scan# 65

Delta R.T. -0.03 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

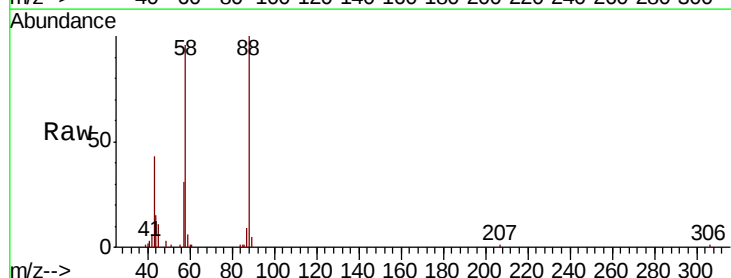
Tgt Ion: 88 Resp: 42514

Ion Ratio Lower Upper

88 100

58 89.3 70.6 106.0

43 33.1 24.8 37.2

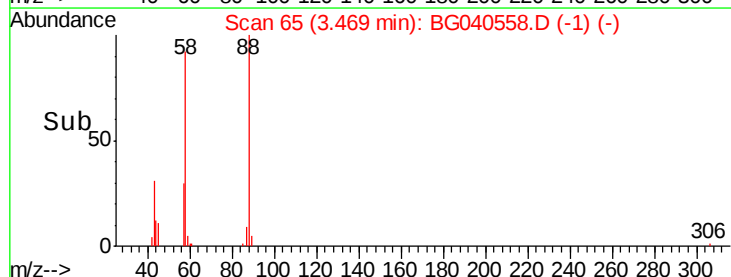
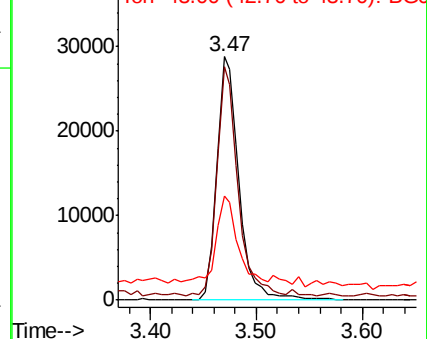


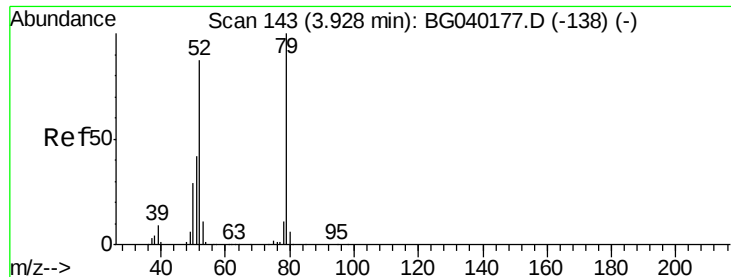
Abundance

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: 30.959 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG040558.D

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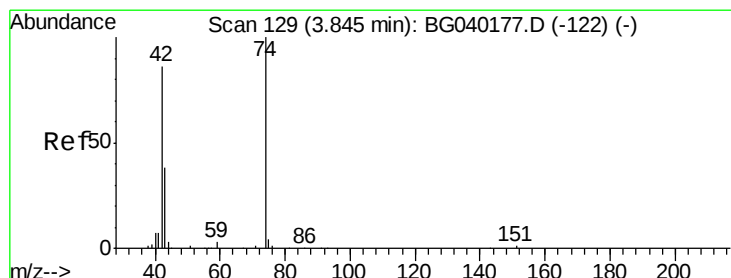
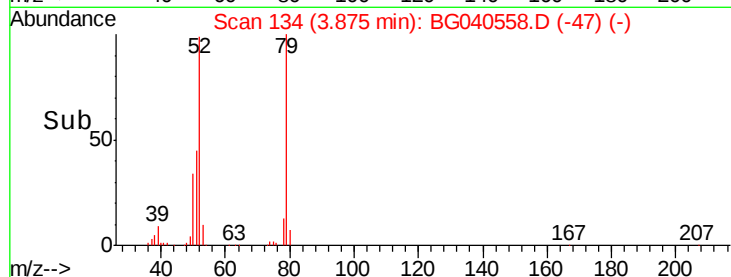
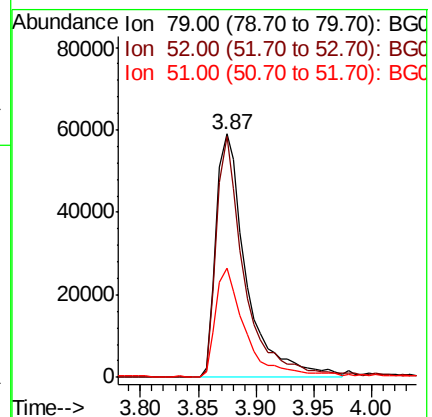
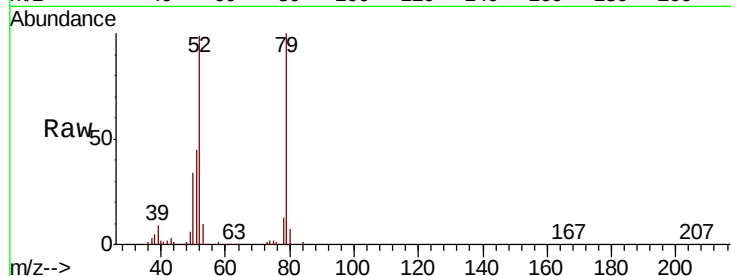
Tgt Ion: 79 Resp: 107834

Ion Ratio Lower Upper

79 100

52 98.8 69.8 104.8

51 45.1 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 40.165 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

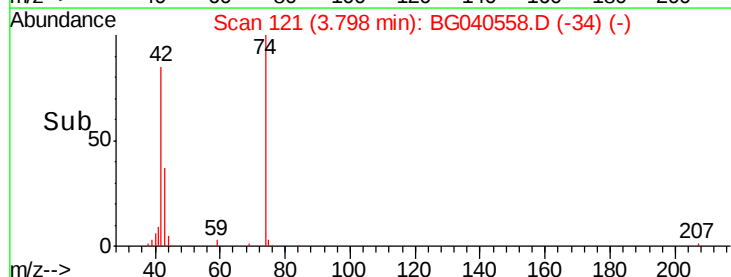
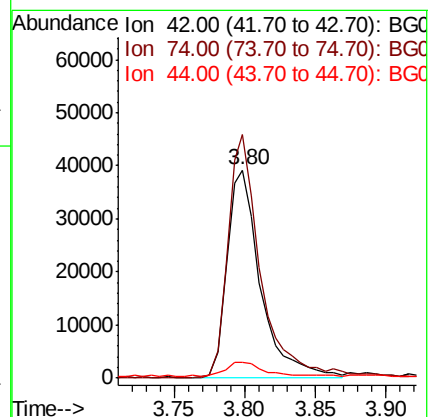
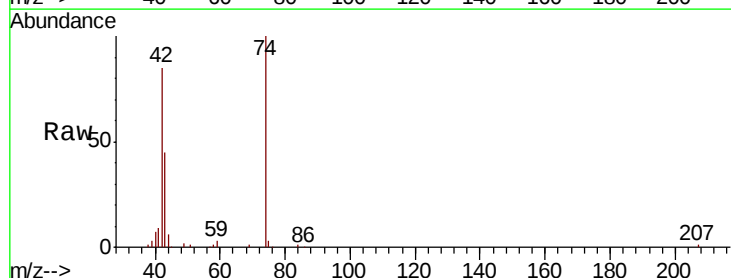
Tgt Ion: 42 Resp: 64712

Ion Ratio Lower Upper

42 100

74 117.0 92.9 139.3

44 7.5 9.7 14.5#





#5

2-Fluorophenol

Concen: 148.260 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

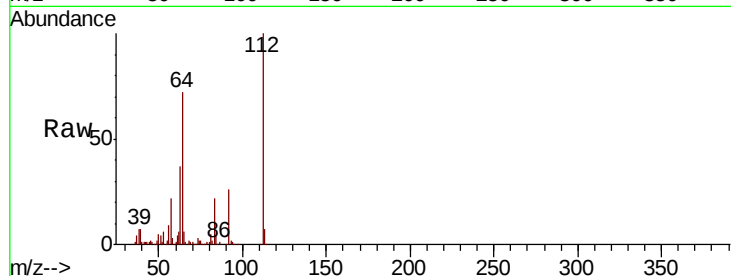
Tgt Ion: 112 Resp: 407890

Ion Ratio Lower Upper

112 100

64 72.3 54.2 81.2

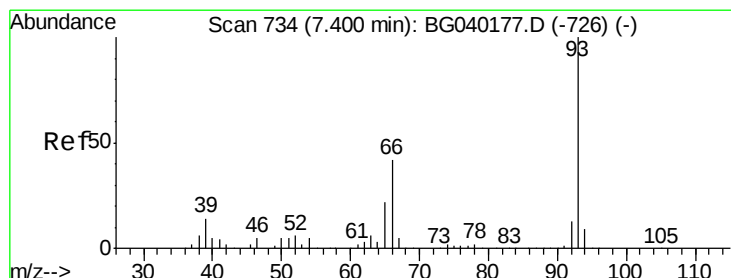
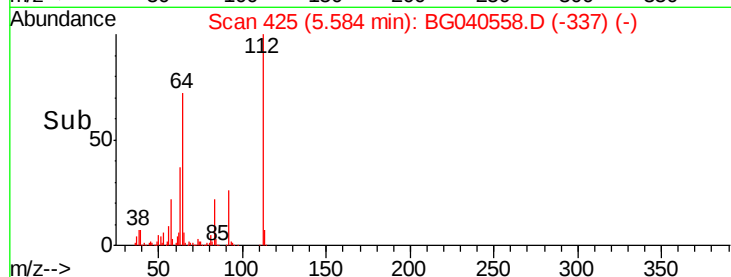
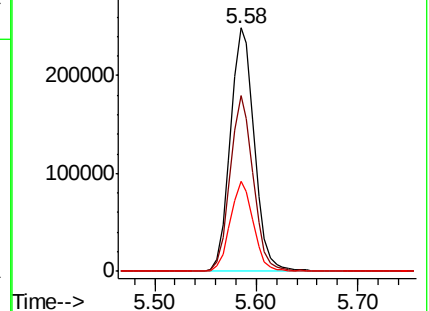
63 37.0 26.4 39.6



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: 35.017 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

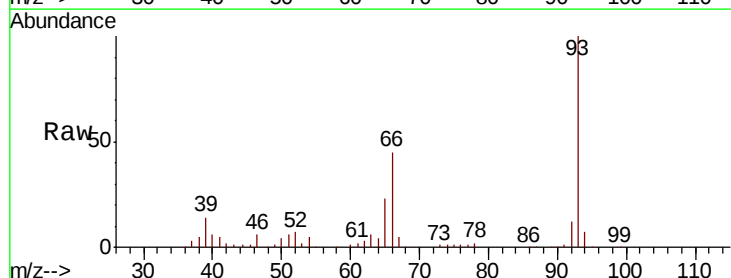
Tgt Ion: 93 Resp: 172977

Ion Ratio Lower Upper

93 100

66 45.0 33.6 50.4

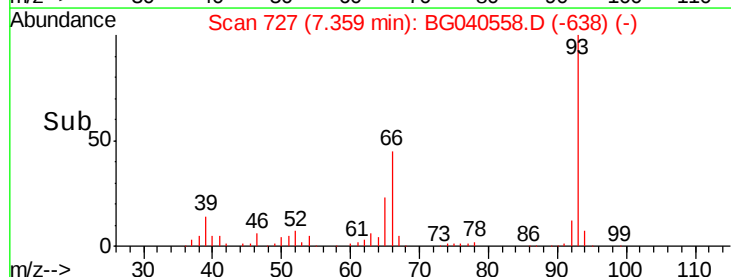
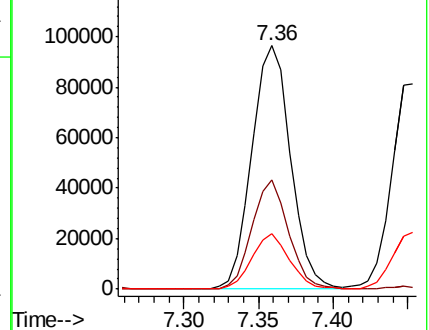
65 22.8 17.4 26.2

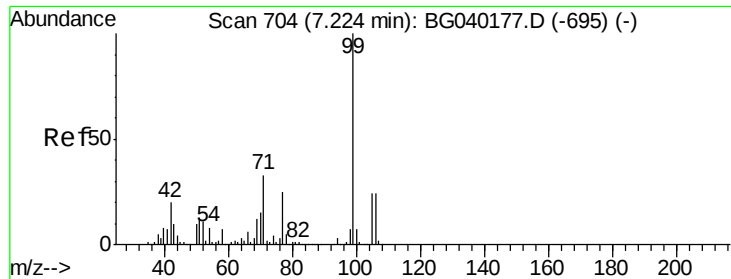


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.644 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

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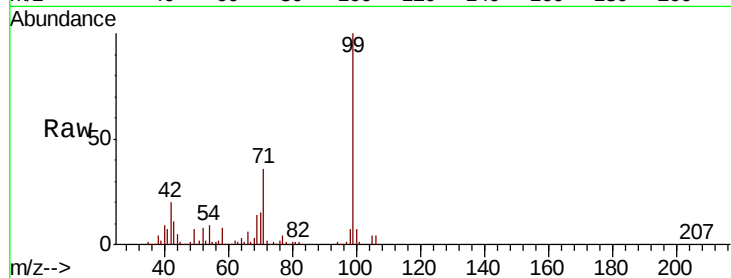
Tgt Ion: 99 Resp: 576578

Ion Ratio Lower Upper

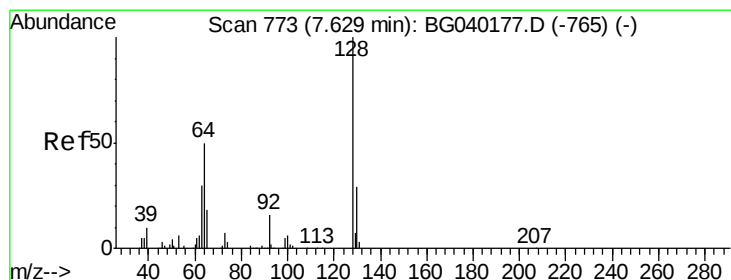
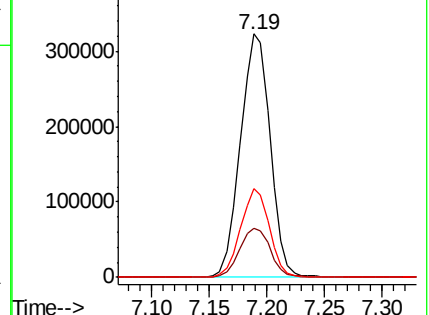
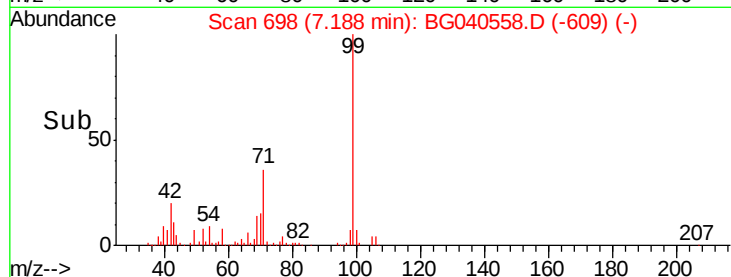
99 100

42 20.3 16.2 24.2

71 36.4 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: 45.486 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

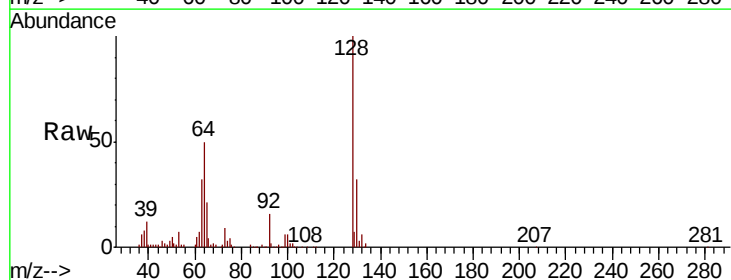
Tgt Ion: 128 Resp: 146490

Ion Ratio Lower Upper

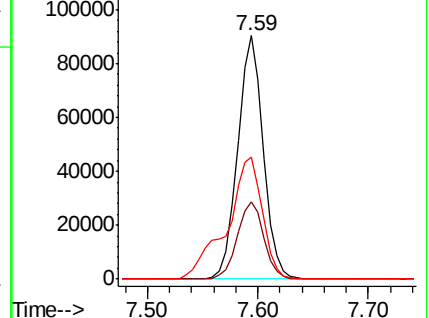
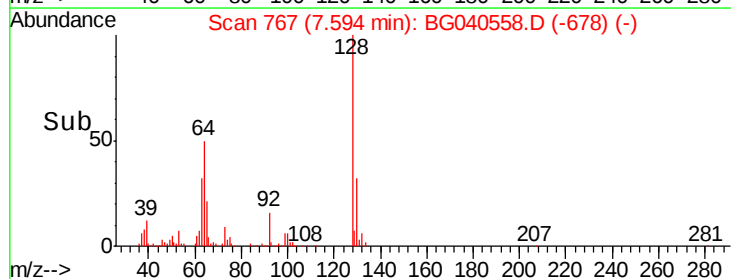
128 100

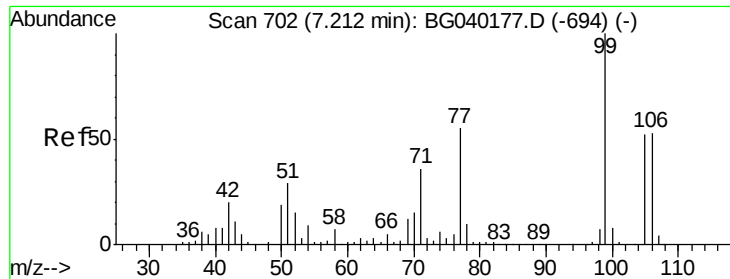
130 31.6 9.1 49.1

64 49.9 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

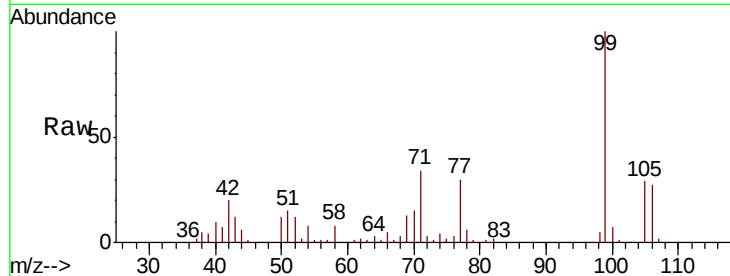




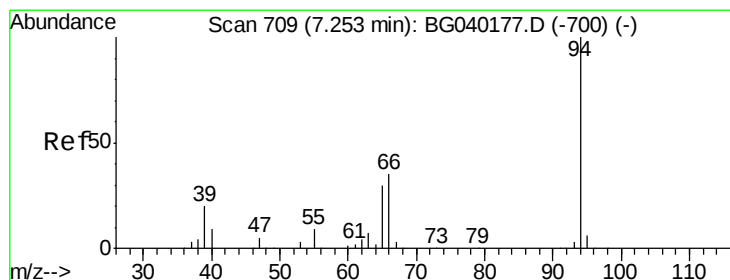
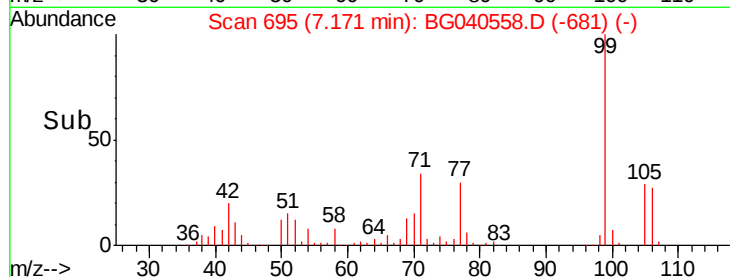
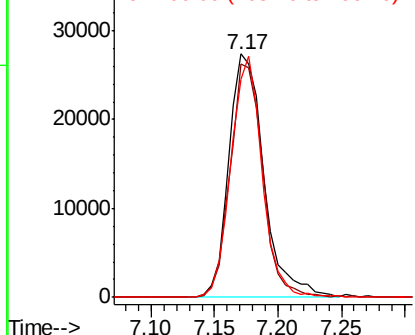
#9
Benzaldehyde
Concen: 20.083 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG040558.D
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ClientSampleId :
PB119042BS

Tgt Ion: 77 Resp: 52378
Ion Ratio Lower Upper
77 100
105 95.9 75.0 115.0
106 89.6 75.7 115.7

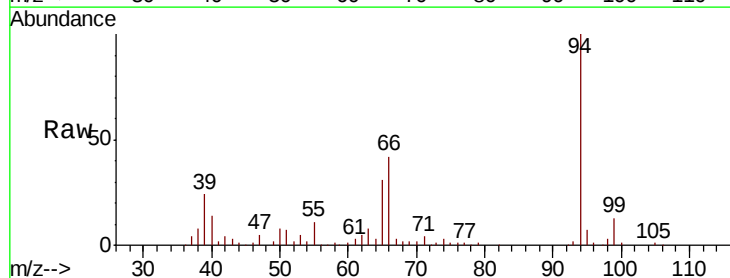


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

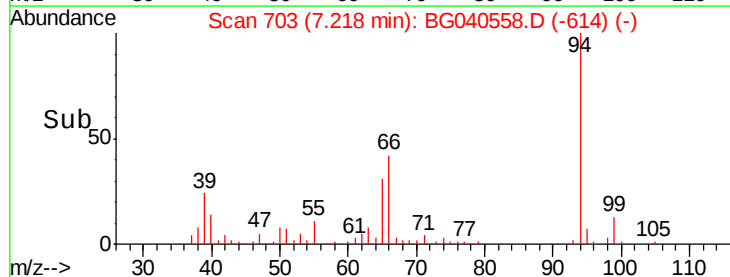
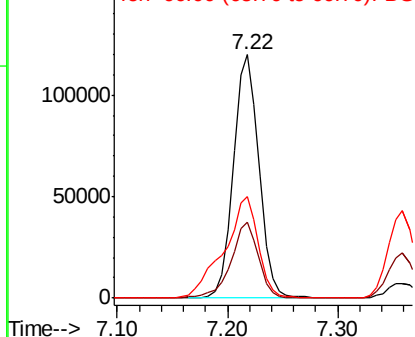


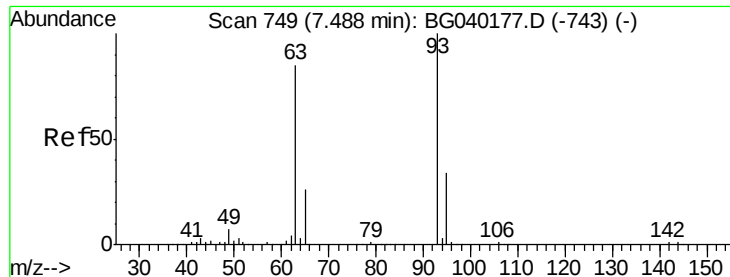
#10
Phenol
Concen: 47.147 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
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Tgt Ion: 94 Resp: 194575
Ion Ratio Lower Upper
94 100
65 31.3 10.5 50.5
66 41.7 16.9 56.9



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

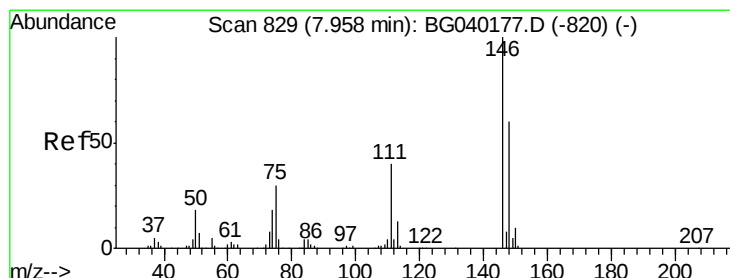
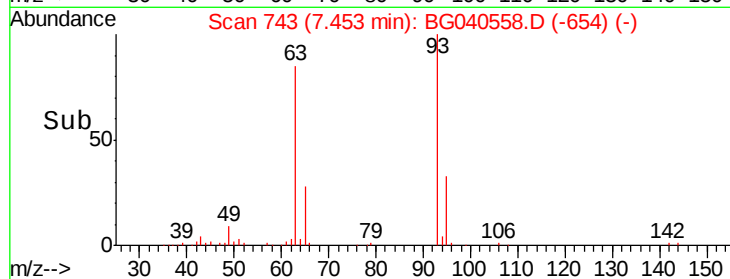
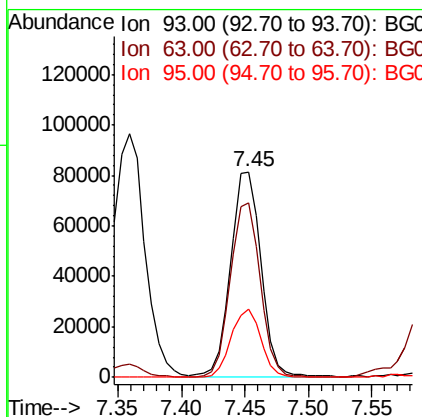
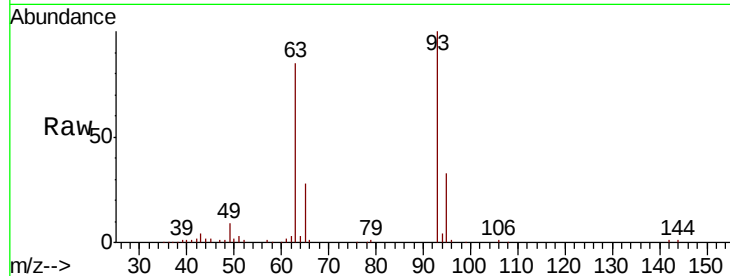




#11
 bis(2-Chloroethyl)ether
 Concen: 41.138 ng
 RT: 7.45 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

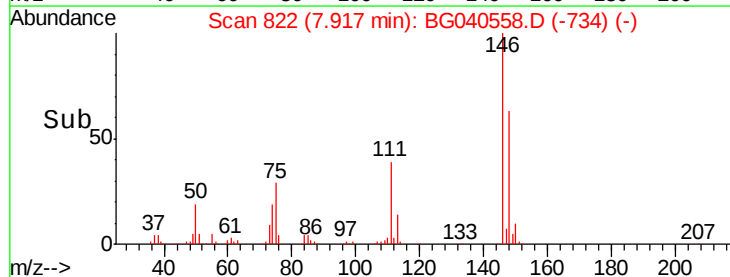
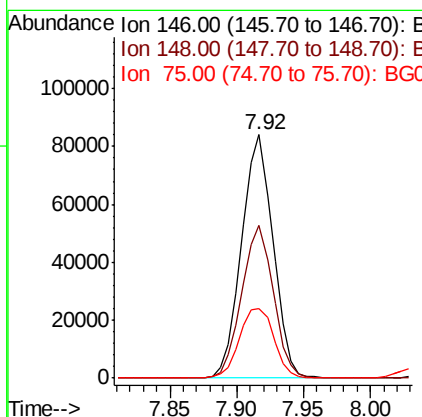
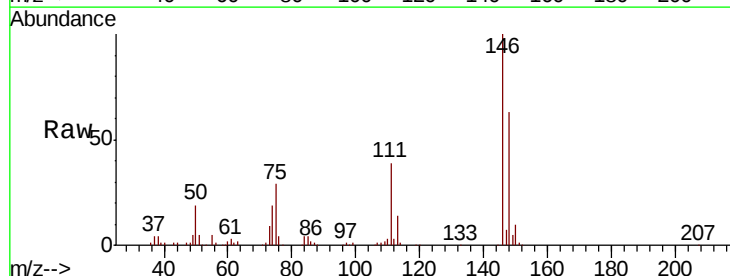
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

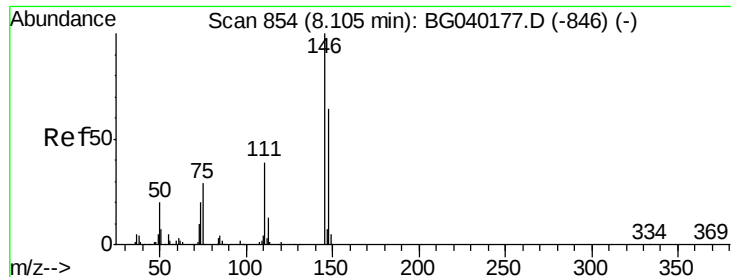
Tgt Ion: 93 Resp: 135980
 Ion Ratio Lower Upper
 93 100
 63 85.1 64.2 104.2
 95 33.5 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 39.111 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion: 146 Resp: 136923
 Ion Ratio Lower Upper
 146 100
 148 62.7 48.2 72.2
 75 28.7 24.1 36.1

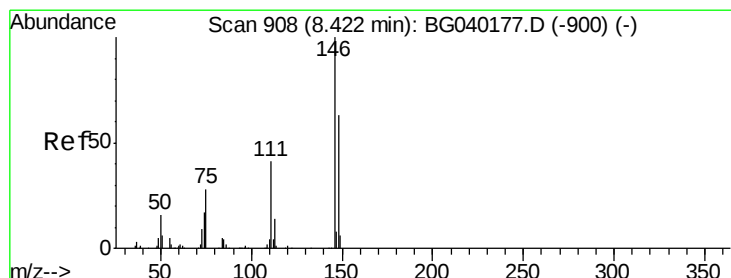
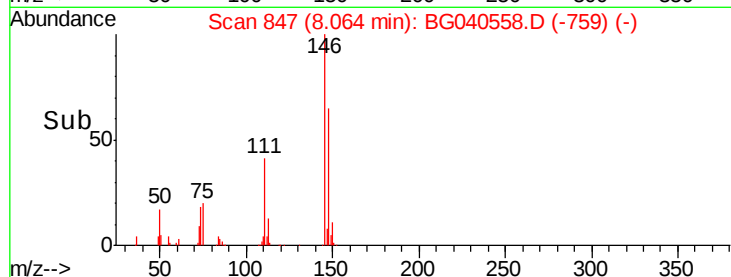
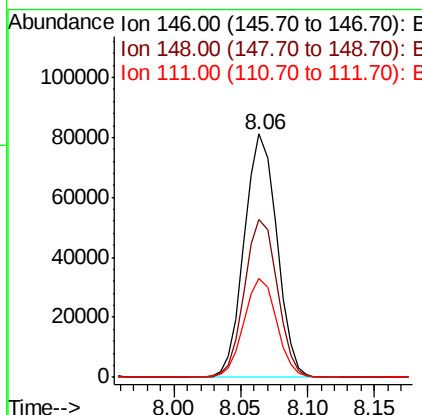
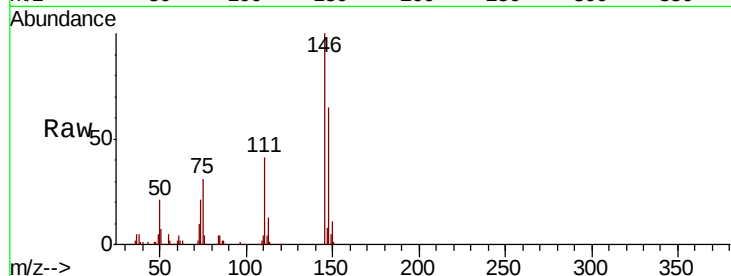




#13
 1,4-Dichlorobenzene
 Concen: 39.361 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

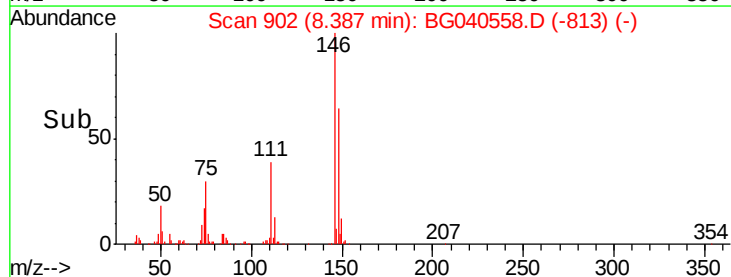
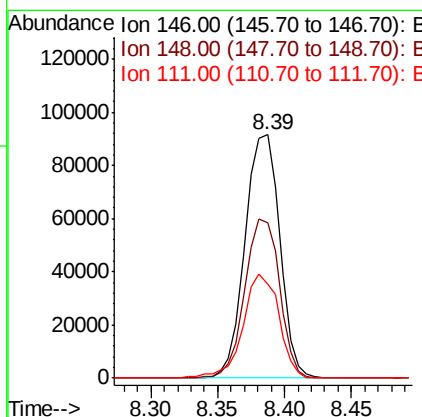
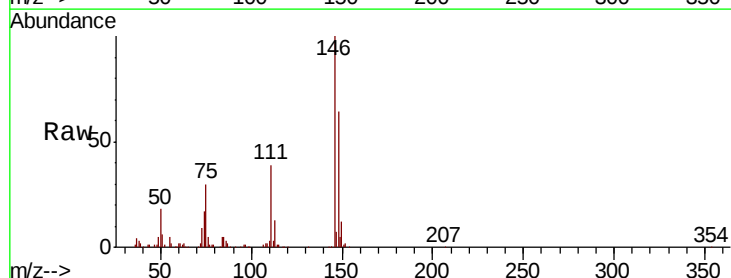
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion:146 Resp: 137247
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.4
 111 40.7 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 49.418 ng
 RT: 8.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion:146 Resp: 164781
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 38.6 33.4 50.0





#15

Benzyl Alcohol

Concen: 56.532 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

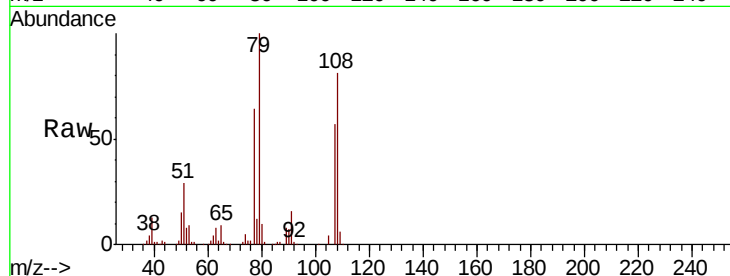
Tgt Ion: 79 Resp: 173105

Ion Ratio Lower Upper

79 100

108 81.5 62.1 93.1

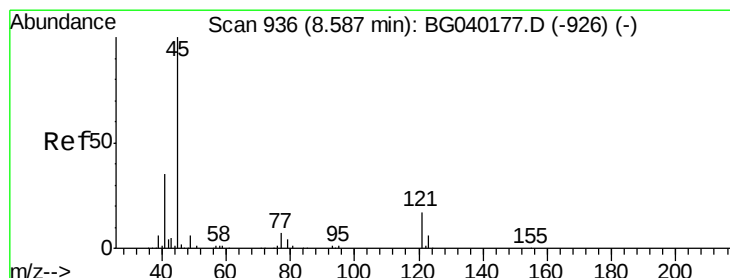
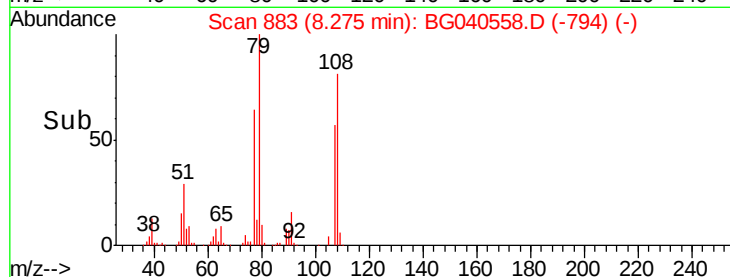
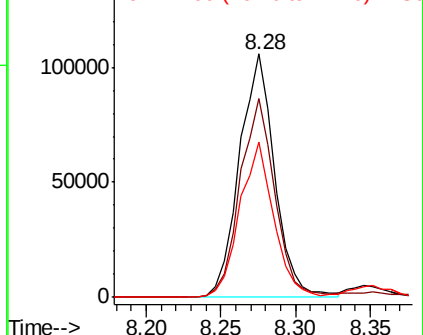
77 63.8 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.831 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

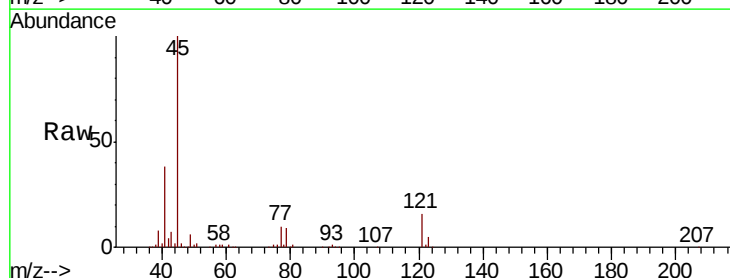
Tgt Ion: 45 Resp: 259021

Ion Ratio Lower Upper

45 100

77 9.6 0.0 31.4

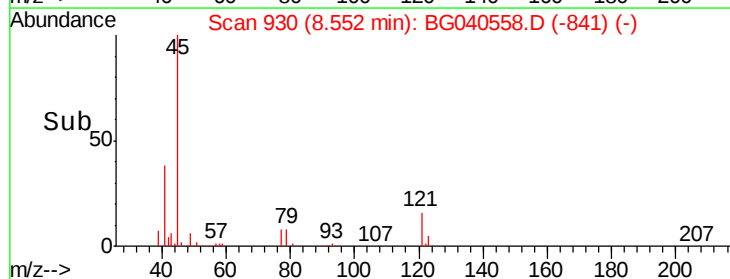
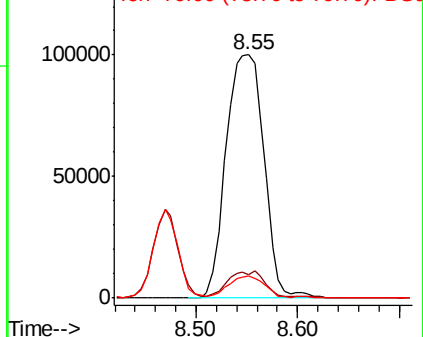
79 9.0 0.0 28.3

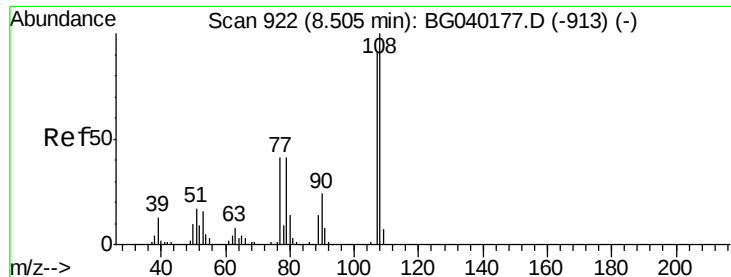


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

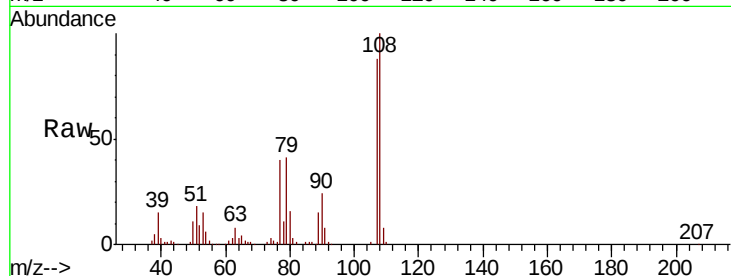




#17
2-Methylphenol
Concen: 46.463 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.6	88.2	132.4
77	45.9	36.6	55.0
79	46.4	36.5	54.7



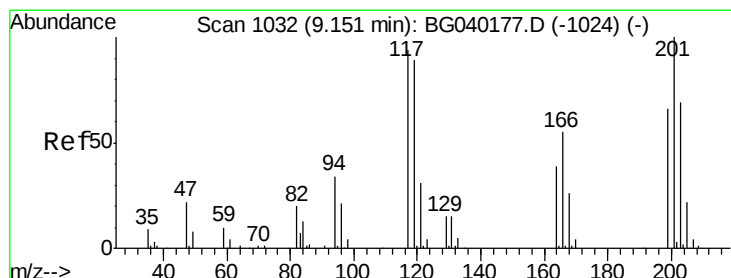
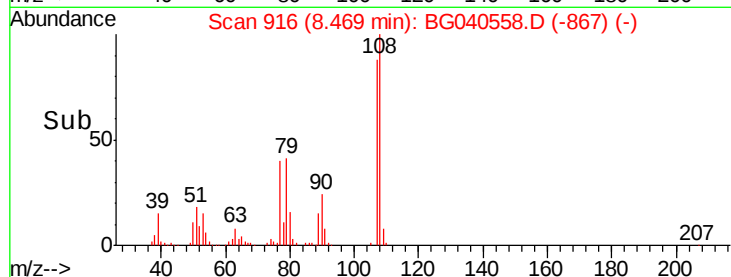
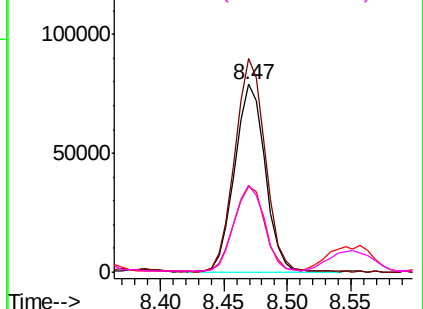
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

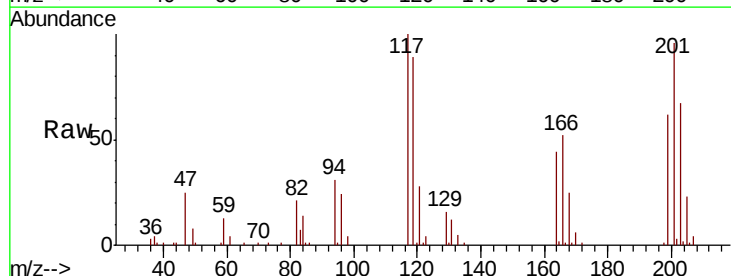
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.961 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.6	76.6	115.0
201	95.8	85.0	127.4

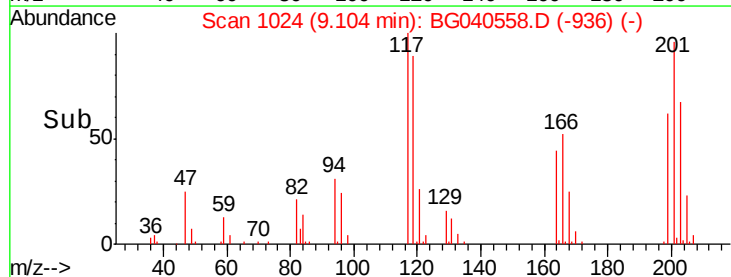
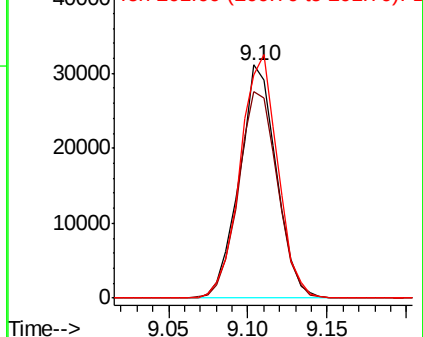


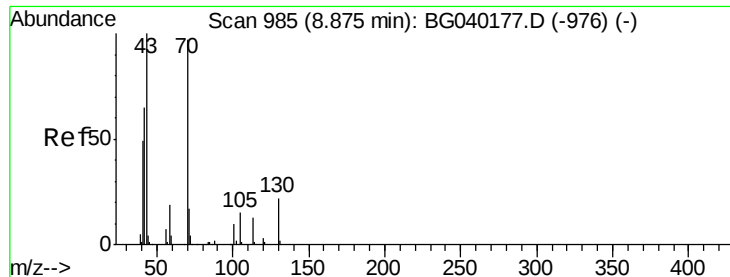
Abundance

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

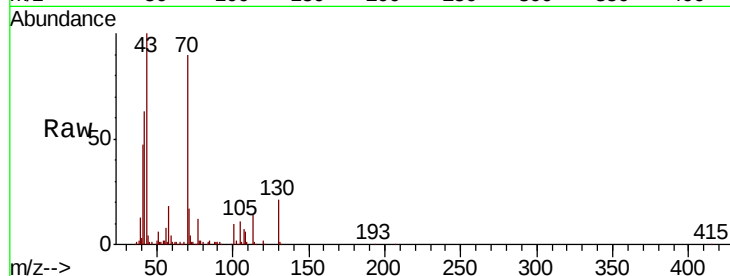




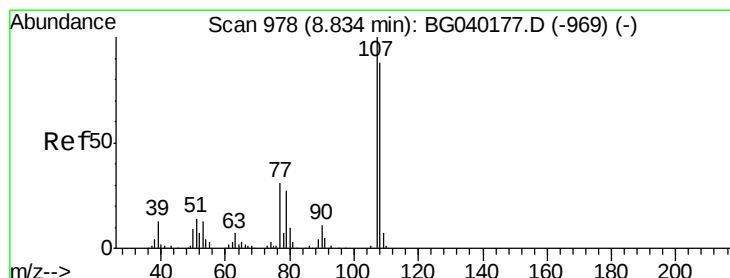
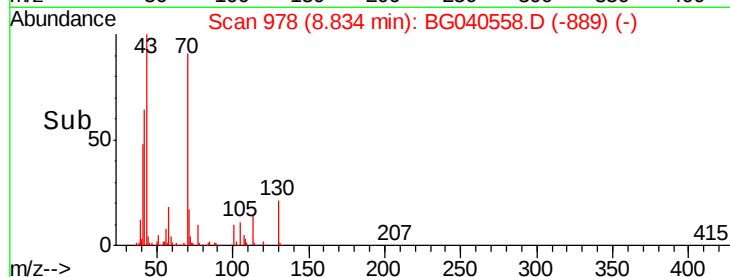
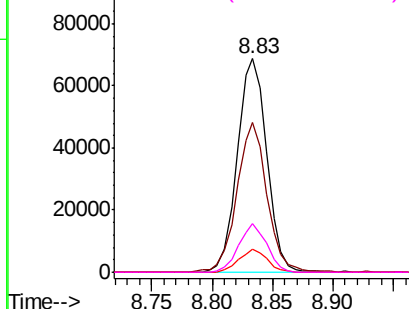
#19
n-Nitroso-di-n-propylamine
Concen: 42.938 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion:	70	Resp:	117051
Ion	Ratio	Lower	Upper
70	100		
42	70.2	54.0	81.0
101	10.7	8.6	13.0
130	22.8	18.2	27.2

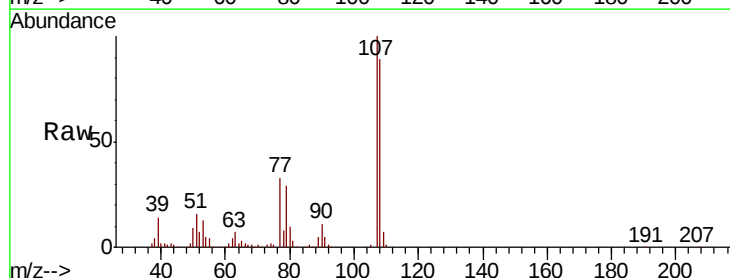


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

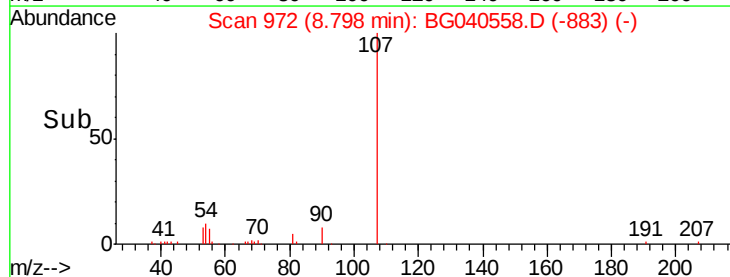
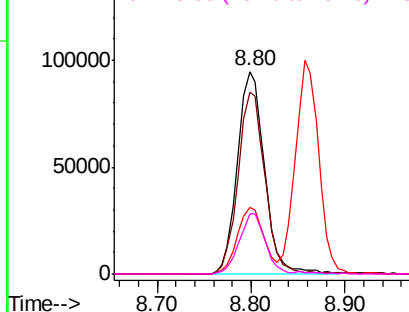


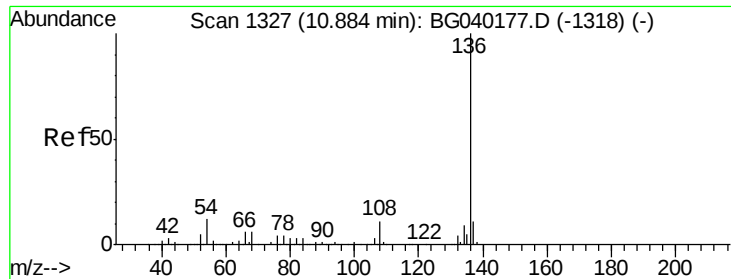
#20
3+4-Methylphenols
Concen: 48.994 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion:	107	Resp:	189544
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.3	108.3
77	32.9	11.3	51.3
79	29.4	7.3	47.3



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

Tgt Ion:136 Resp: 270170

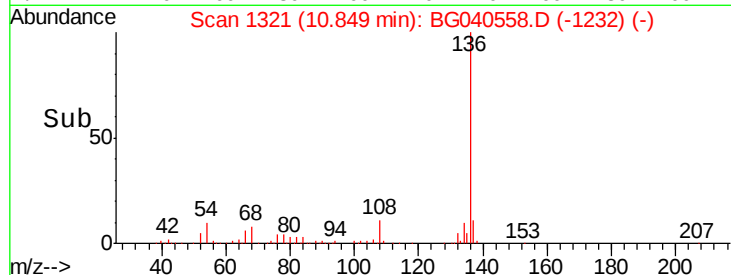
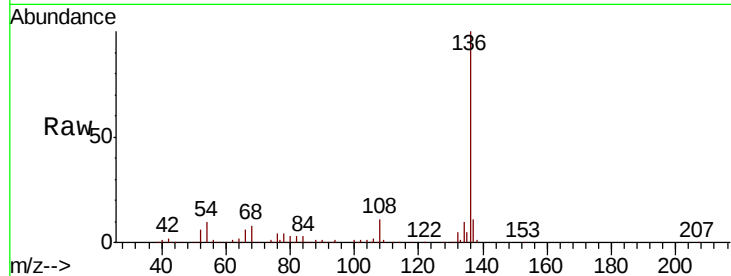
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.4 9.6 14.4

68 7.6 5.1 7.7

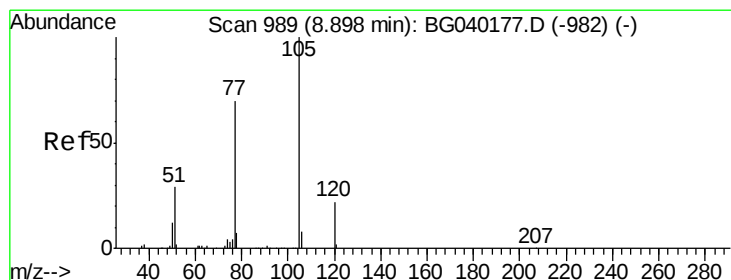
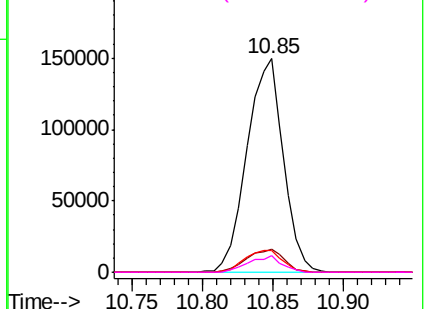


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 32.667 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Tgt Ion:105 Resp: 220152

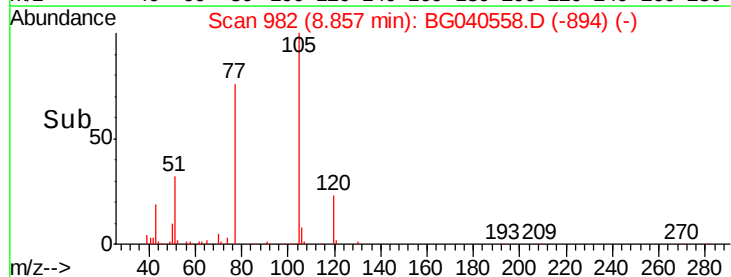
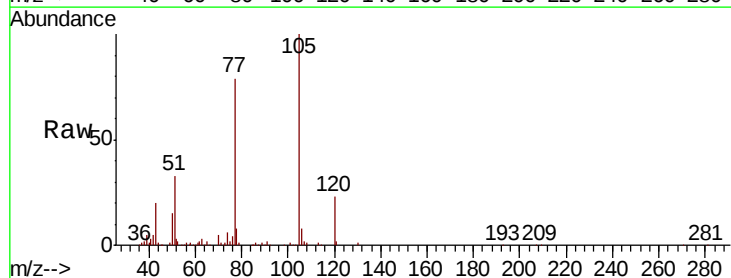
Ion Ratio Lower Upper

105 100

71 1.0 0.6 1.0

51 32.9 25.1 37.7

120 23.4 17.6 26.4

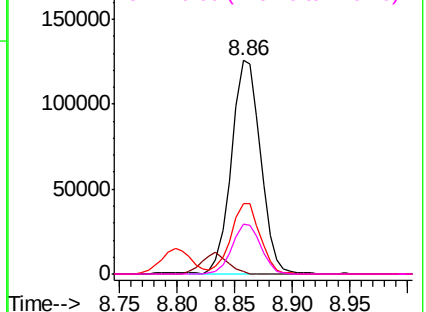


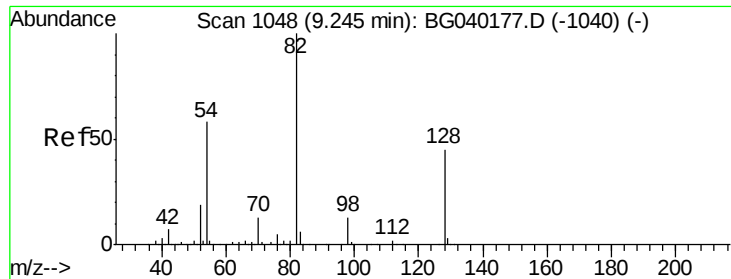
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

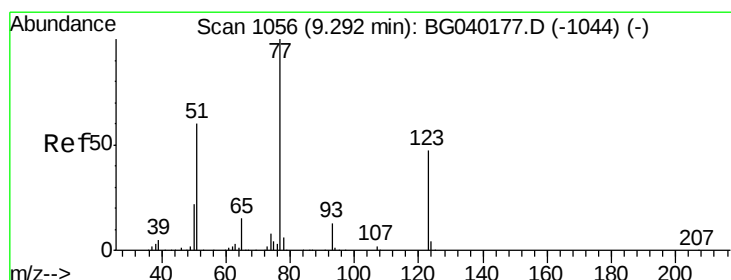
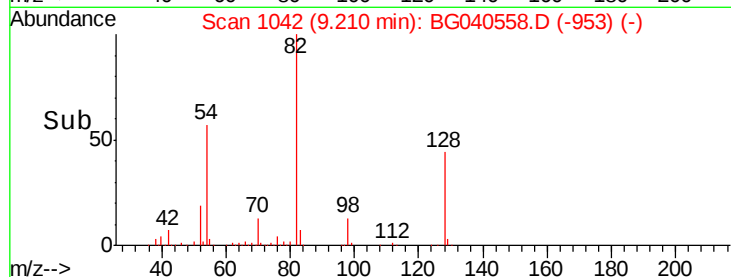
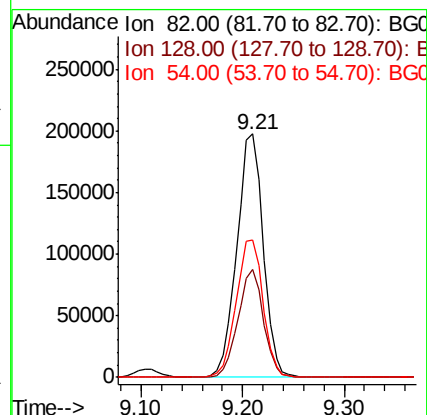
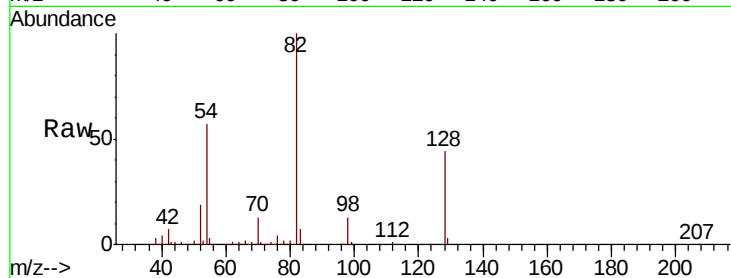




#23
 Nitrobenzene-d5
 Concen: 70.099 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

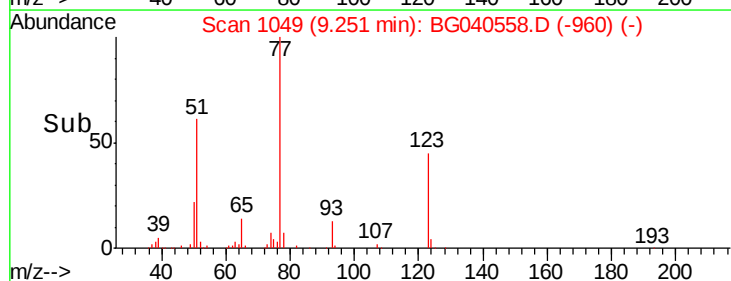
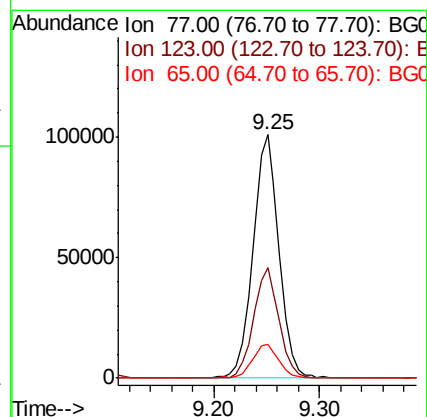
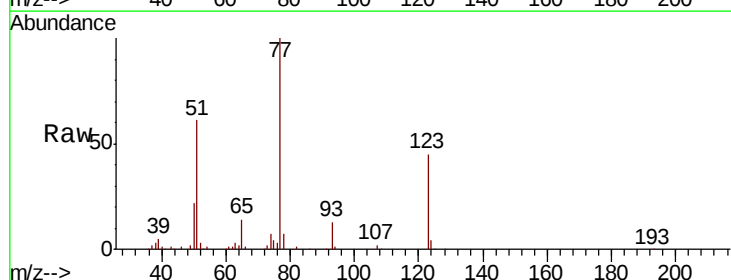
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

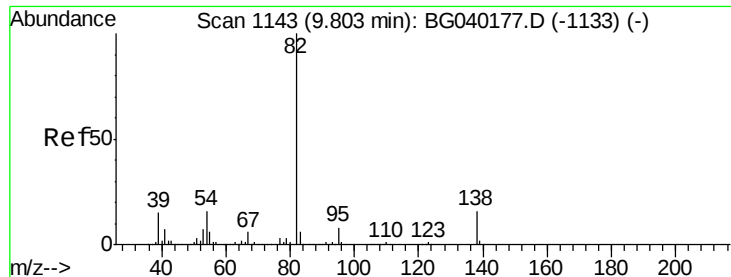
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.8
54	56.6	46.2	69.2



#24
 Nitrobenzene
 Concen: 32.744 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.8	56.6
65	13.7	12.0	18.0





#25

Isophorone

Concen: 33.260 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

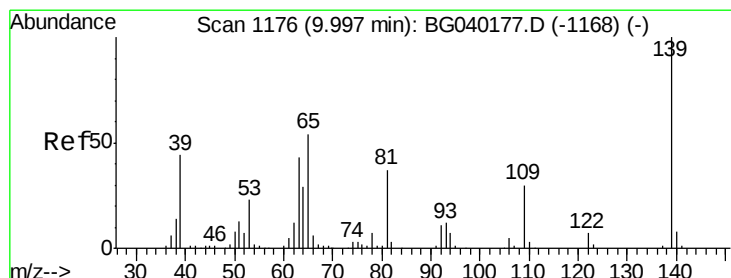
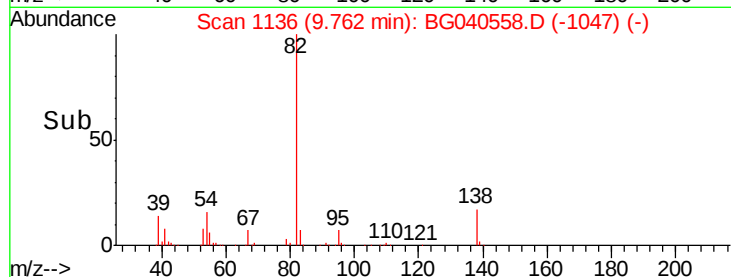
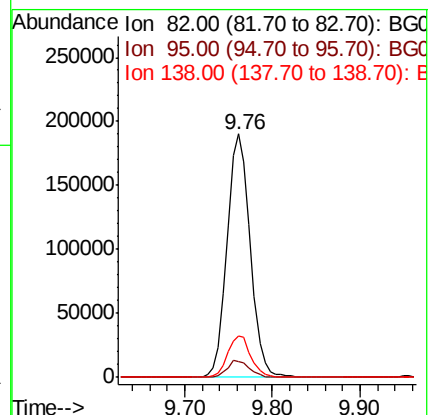
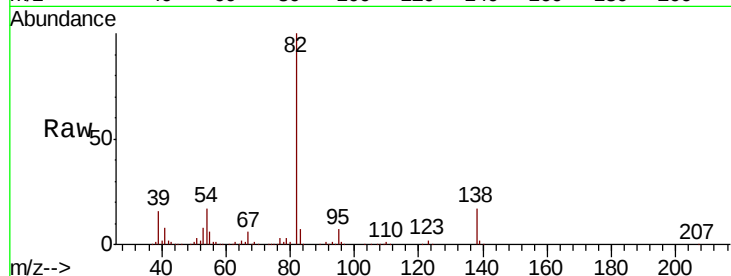
Tgt Ion: 82 Resp: 347838

Ion Ratio Lower Upper

82 100

95 6.7 6.1 9.1

138 16.9 13.2 19.8



#26

2-Nitrophenol

Concen: 33.693 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

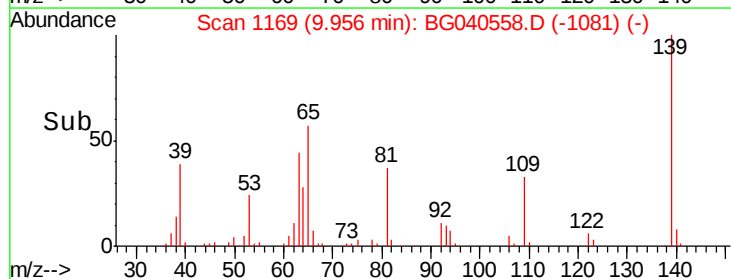
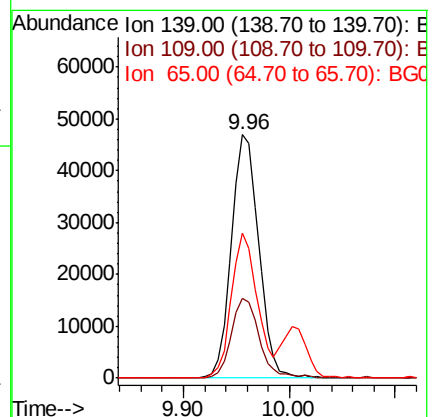
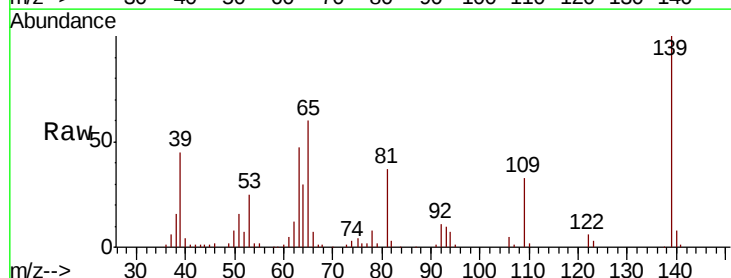
Tgt Ion: 139 Resp: 84030

Ion Ratio Lower Upper

139 100

109 32.6 24.1 36.1

65 59.5 43.0 64.6

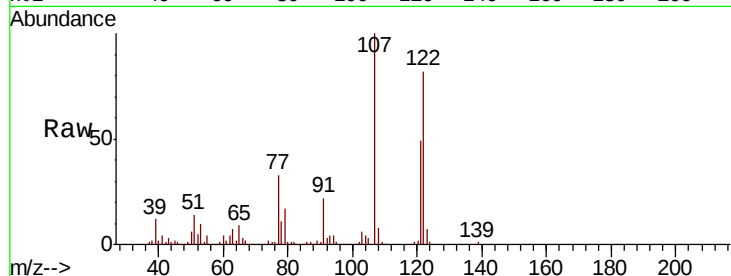




#27
 2,4-Dimethylphenol
 Concen: 38.644 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.3	97.4	146.2
121	59.4	47.7	71.5

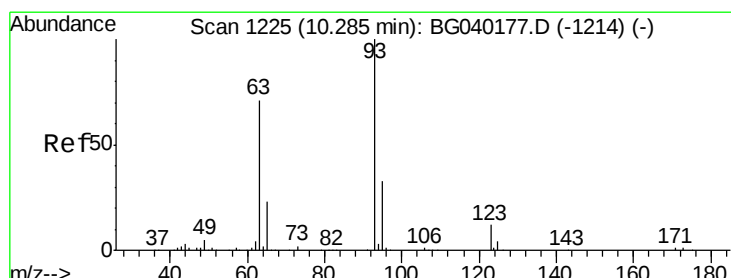
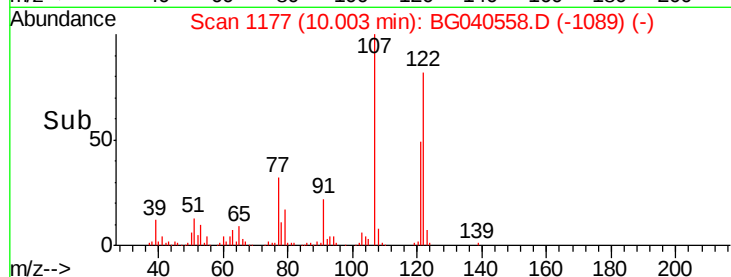
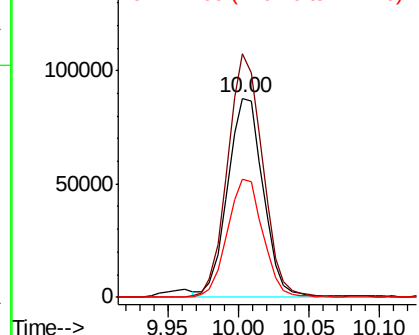


Abundance

Ion 122.00 (121.70 to 122.70): E

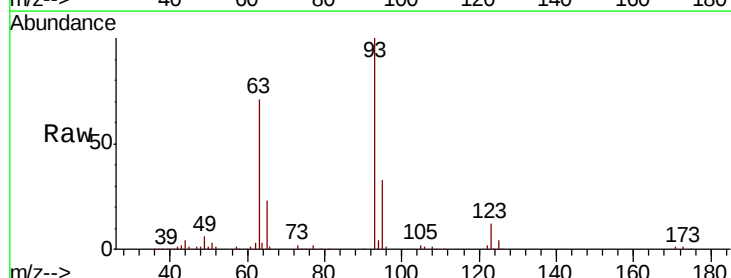
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.514 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.6	9.4	14.0

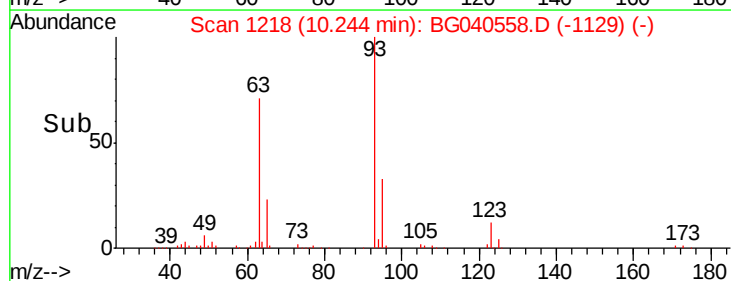
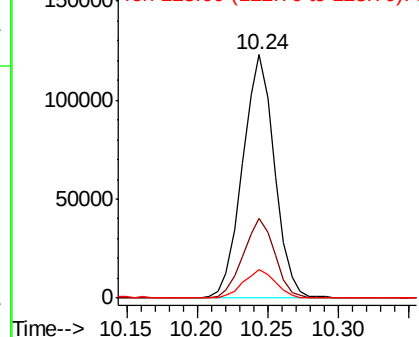


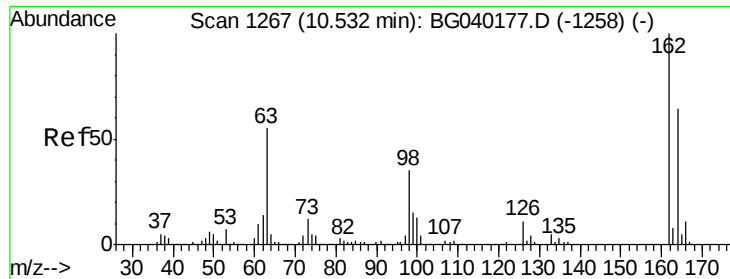
Abundance

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

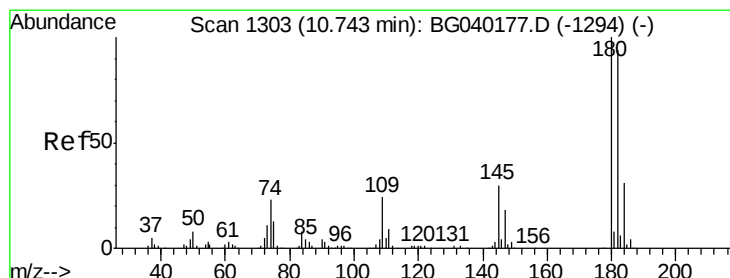
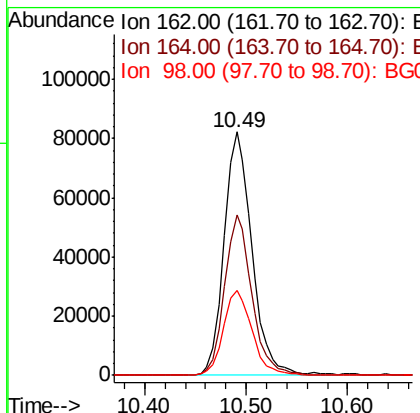
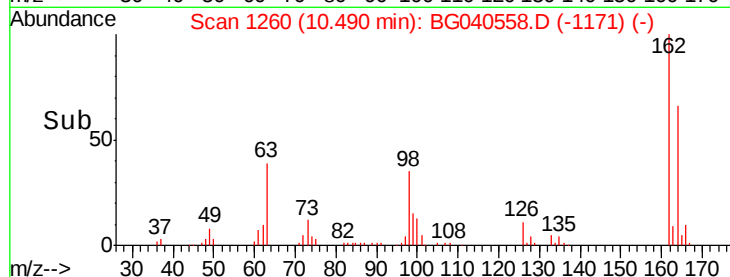
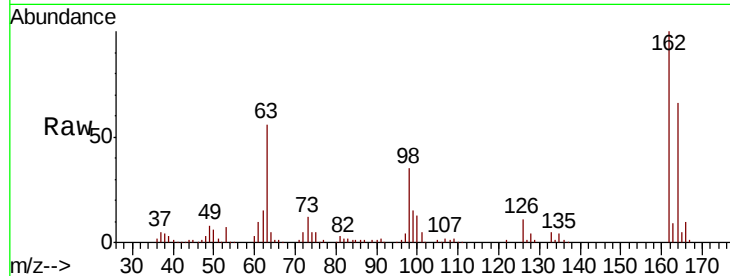




#29
 2,4-Dichlorophenol
 Concen: 36.492 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

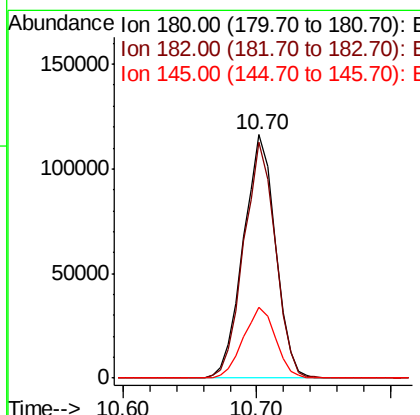
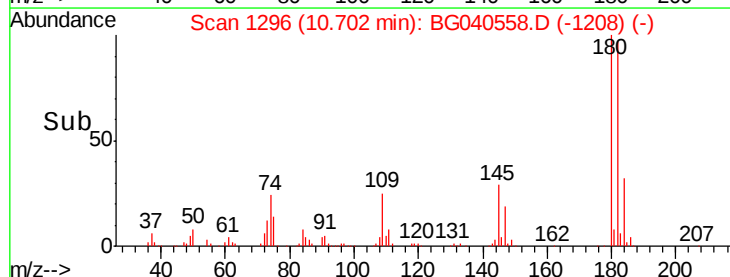
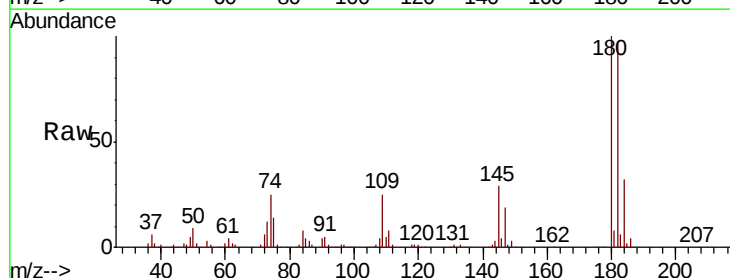
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.9	83.9
98	35.1	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.820 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	29.2	24.1	36.1

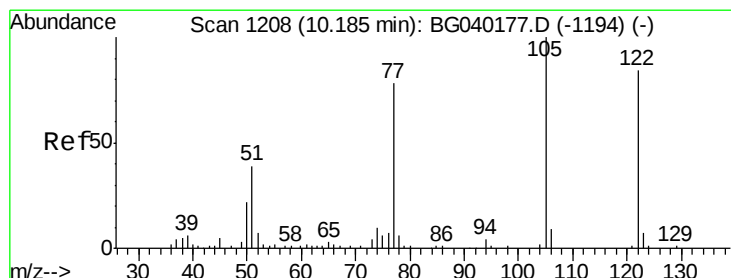
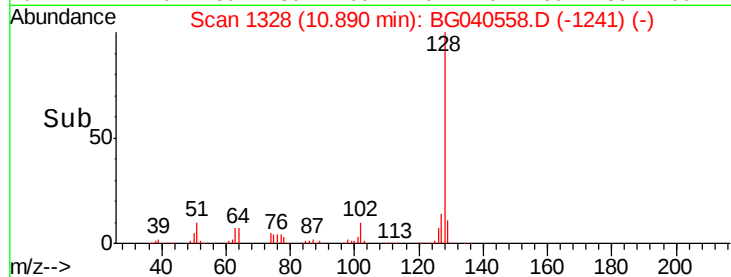
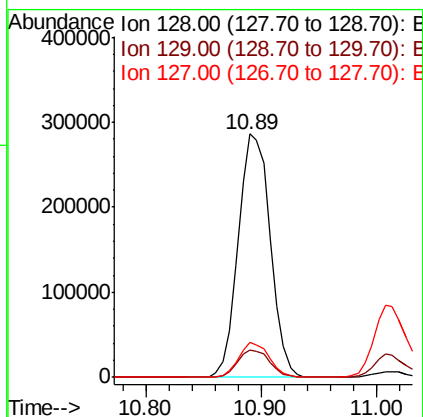
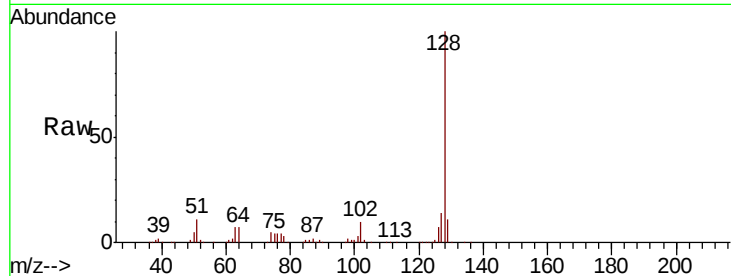




#31
Naphthalene
Concen: 39.659 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

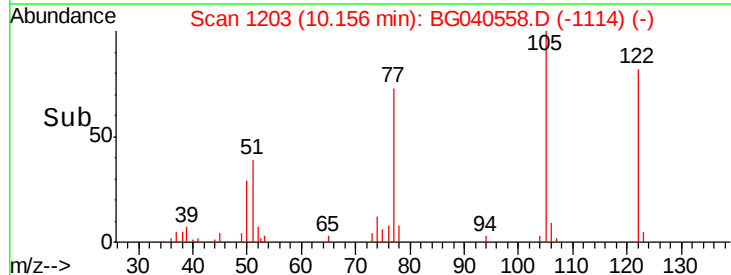
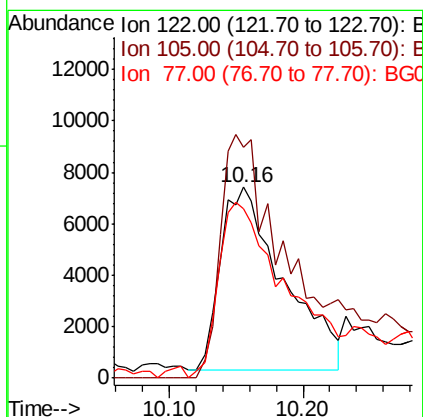
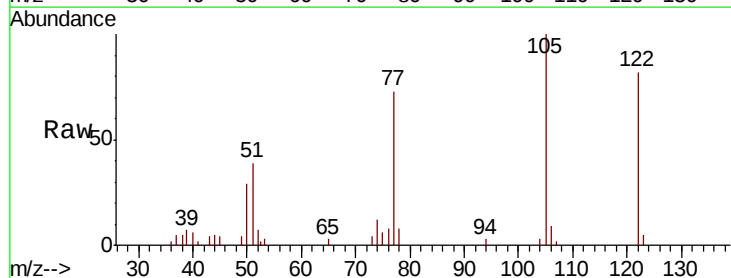
Instrument :
BNA_G
ClientSampleId :
PB119042BS

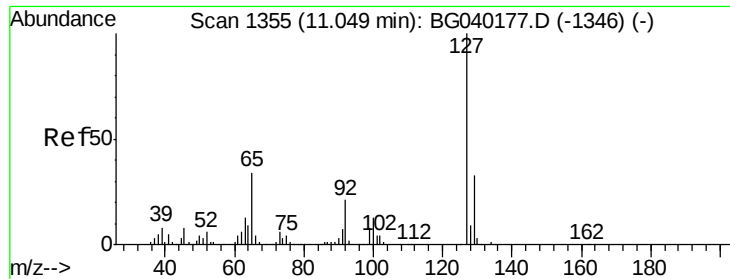
Tgt Ion:128 Resp: 549201
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 9.739 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion:122 Resp: 23311
Ion Ratio Lower Upper
122 100
105 121.3 98.2 138.2
77 88.7 73.6 113.6

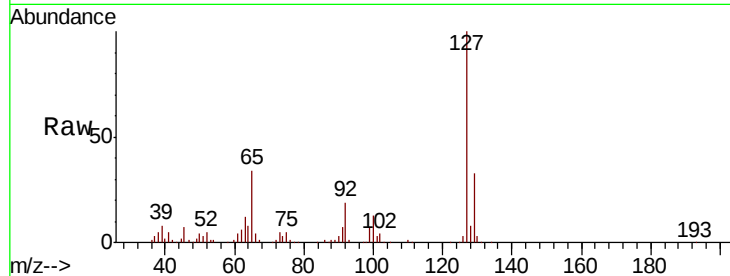




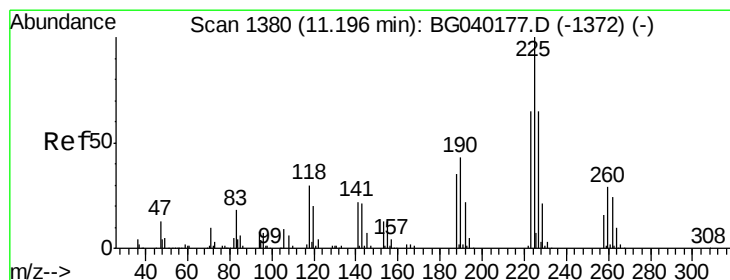
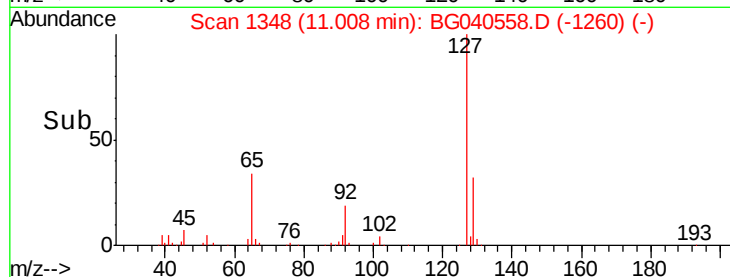
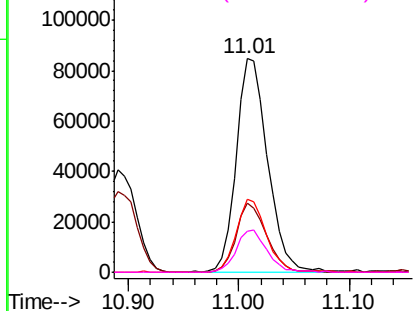
#33
4-Chloroaniline
Concen: 28.740 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion:	127	Resp:	169765
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	34.4	27.0	40.4
92	19.4	16.6	25.0

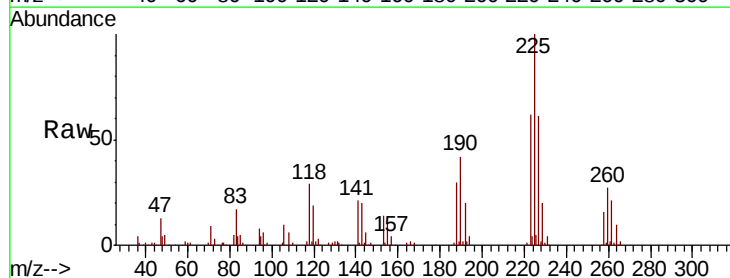


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

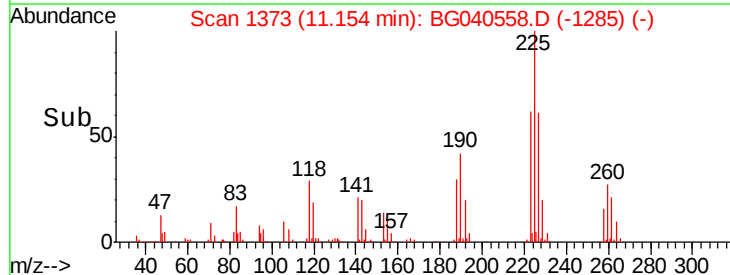
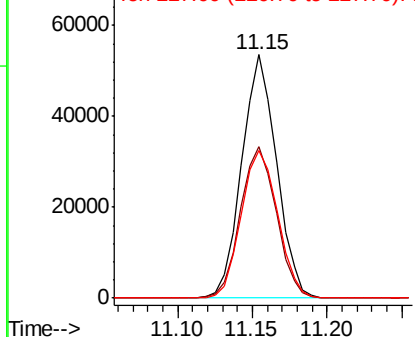


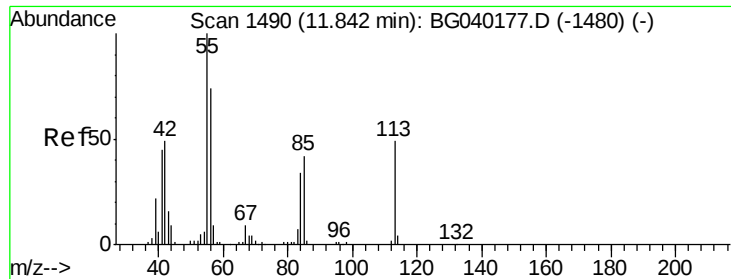
#34
Hexachlorobutadiene
Concen: 28.592 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion:	225	Resp:	86339
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.8	77.8
227	60.8	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: 17.581 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

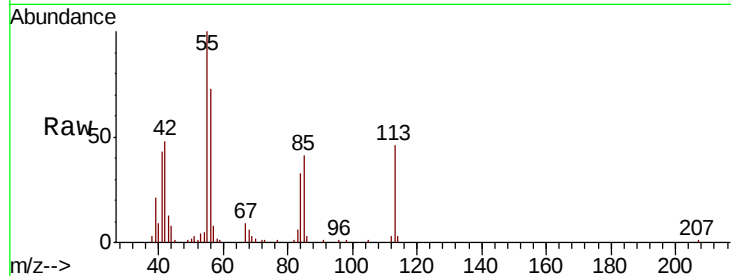
Tgt Ion:113 Resp: 30000

Ion Ratio Lower Upper

113 100

55 216.4 184.2 224.2

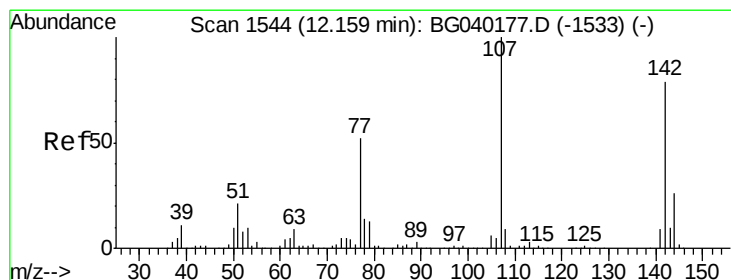
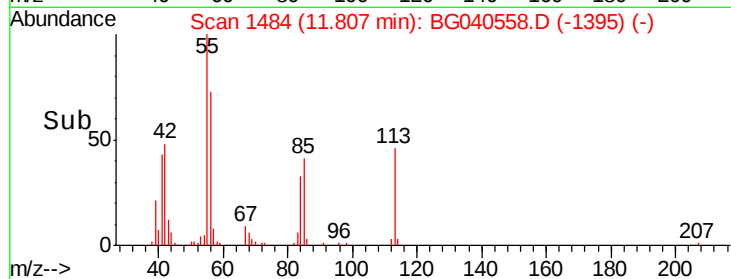
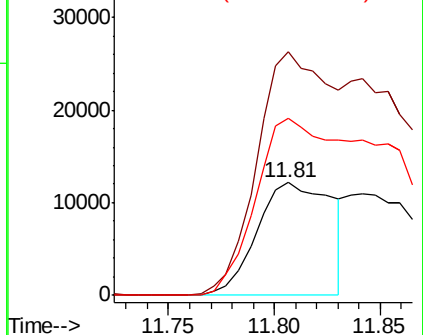
56 157.5 131.3 171.3



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: 40.299 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

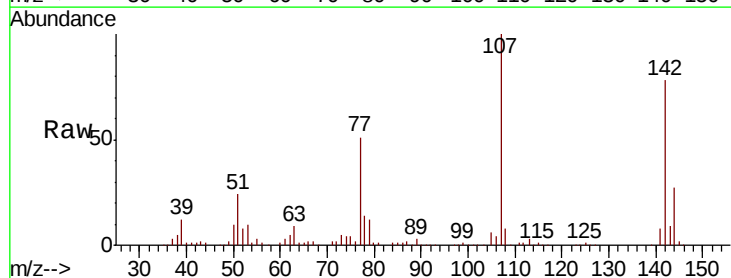
Tgt Ion:107 Resp: 199216

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

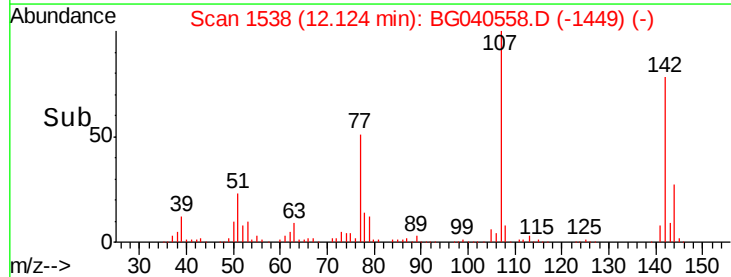
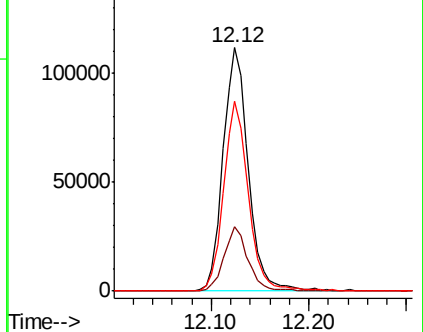
142 78.0 63.1 94.7

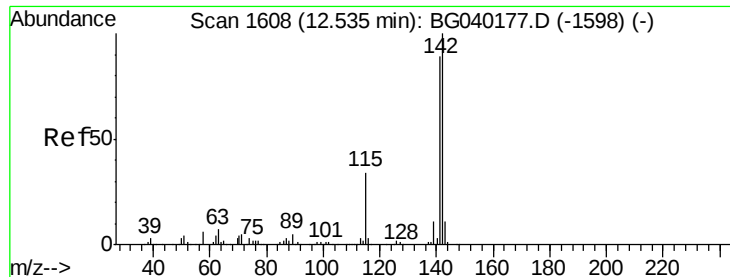


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

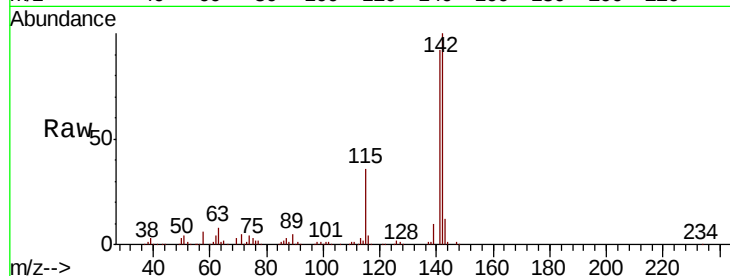




#37
 2-Methylnaphthalene
 Concen: 34.720 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.0	106.6
115	36.3	27.3	40.9

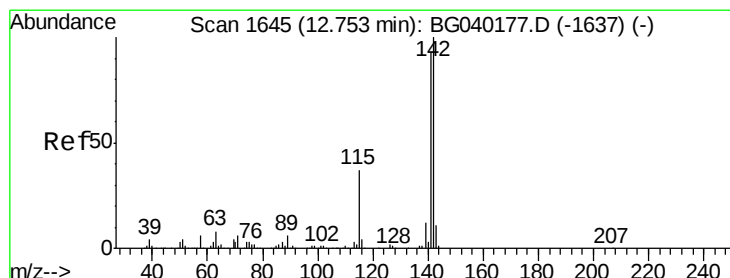
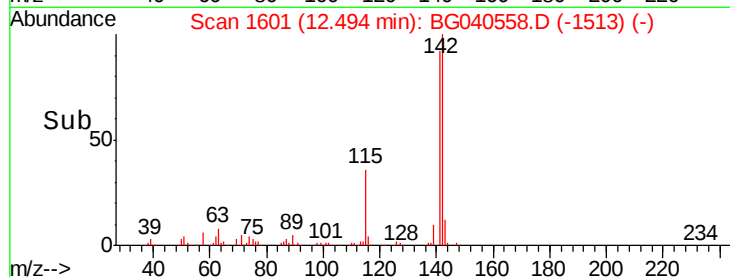
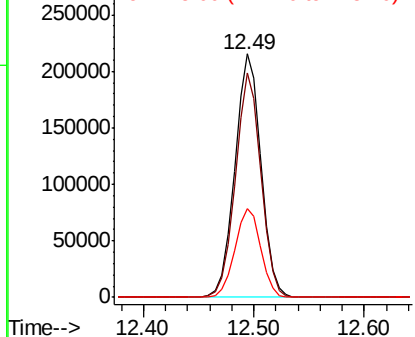


Abundance

Ion 142.00 (141.70 to 142.70): E

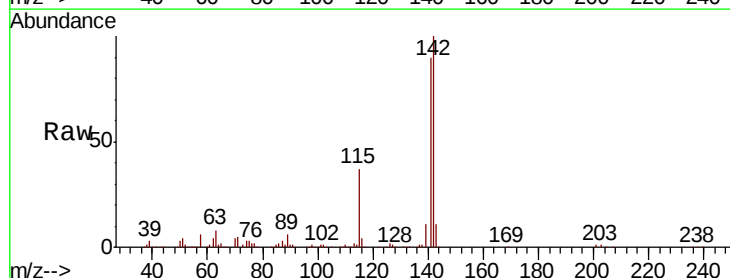
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 34.735 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.2	111.4
116	3.7	3.0	4.4

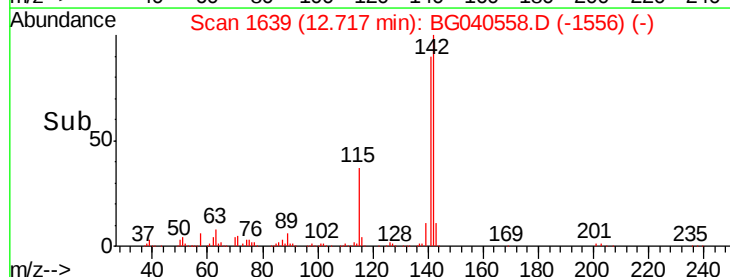
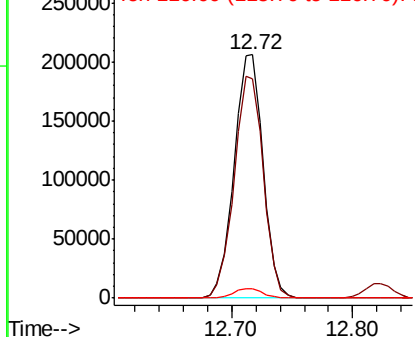


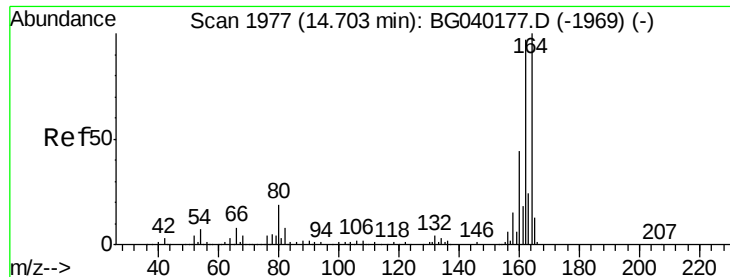
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

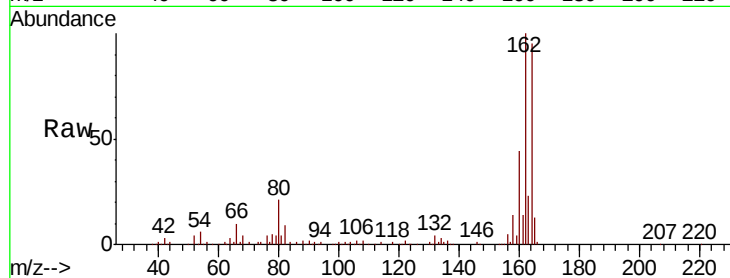
Tgt Ion:164 Resp: 151004

Ion Ratio Lower Upper

164 100

162 105.0 77.4 116.2

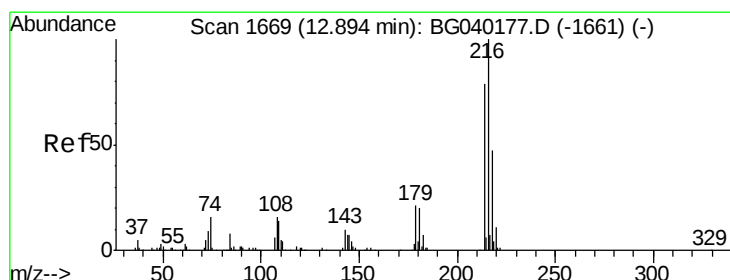
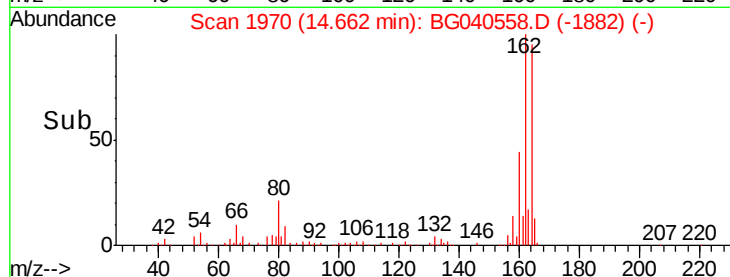
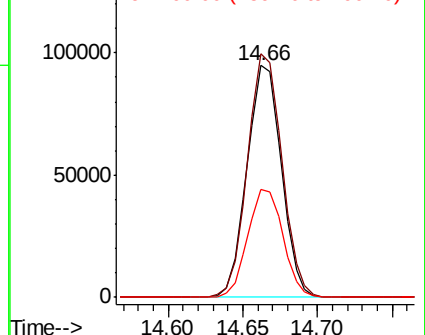
160 46.4 35.3 52.9



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: 37.229 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Tgt Ion:216 Resp: 178678

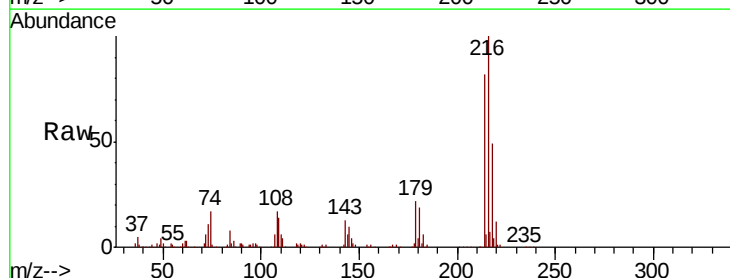
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 21.1 16.6 25.0

108 19.8 13.8 20.8

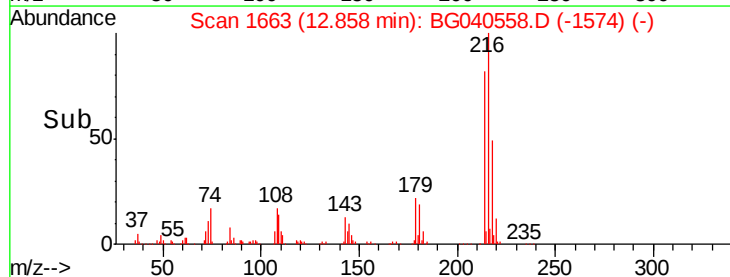
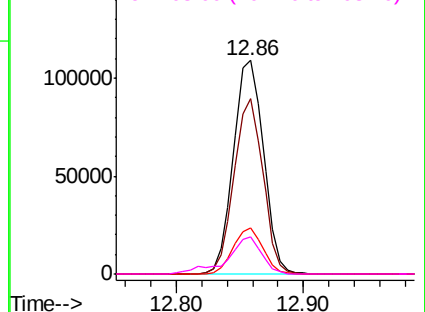


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.205 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

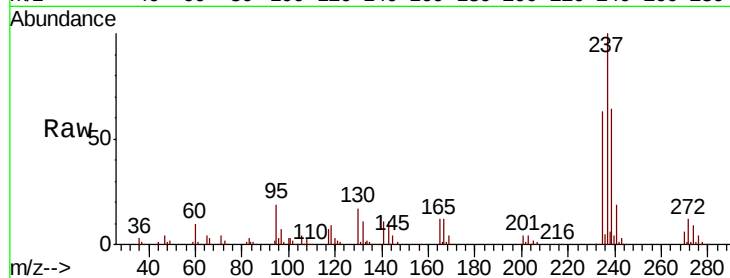
Tgt Ion: 237 Resp: 177102

Ion Ratio Lower Upper

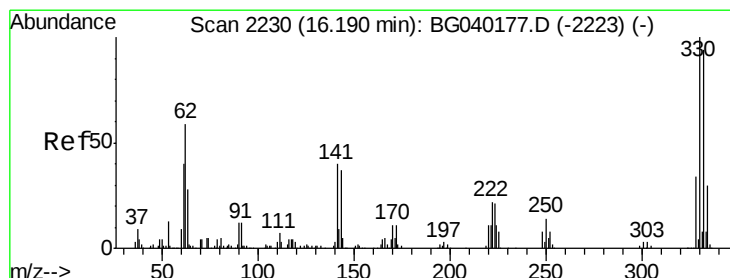
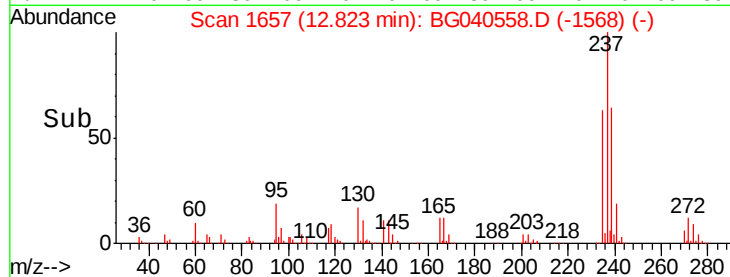
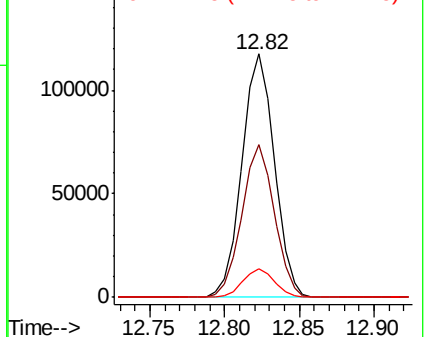
237 100

235 63.0 46.2 86.2

272 11.6 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: 156.976 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

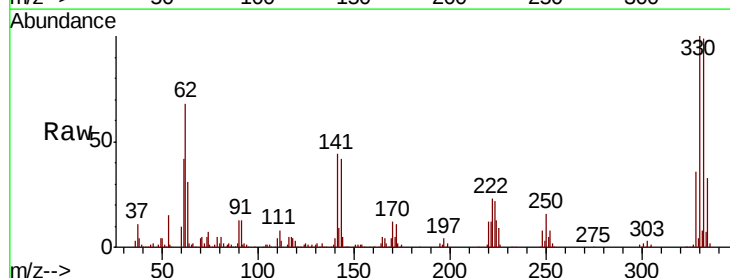
Tgt Ion: 330 Resp: 256179

Ion Ratio Lower Upper

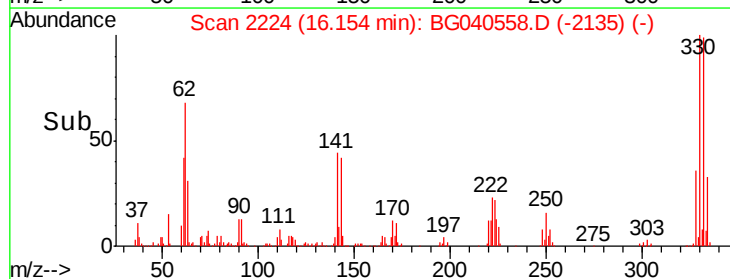
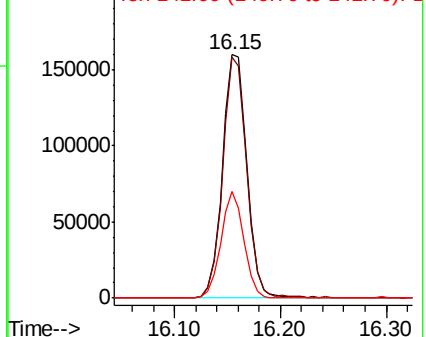
330 100

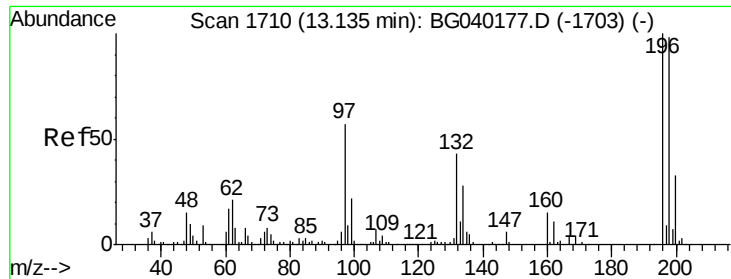
332 96.4 76.6 115.0

141 41.7 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

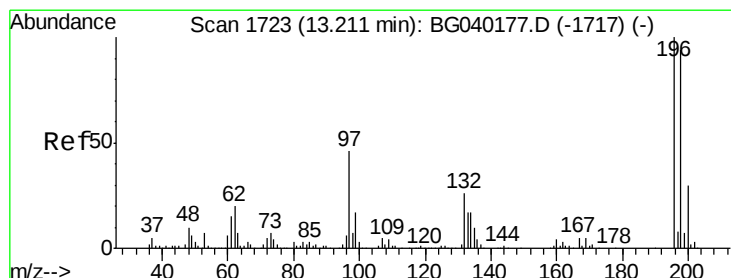
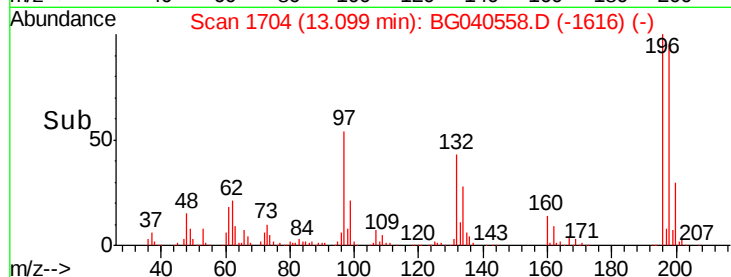
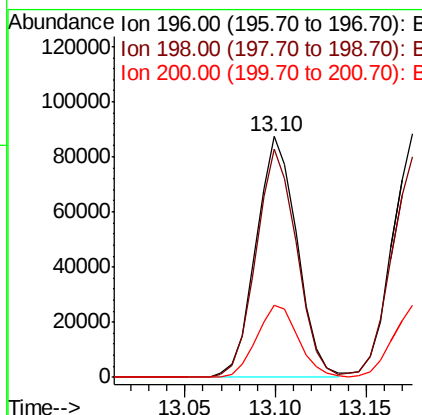
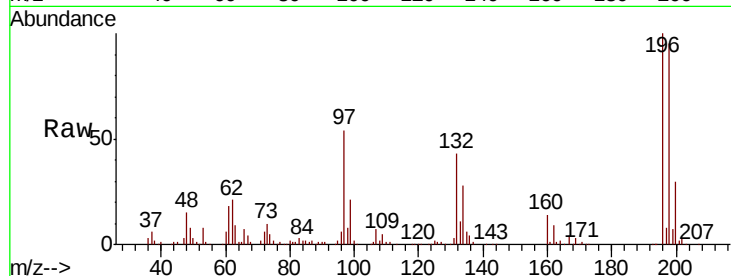




#43
 2,4,6-Trichlorophenol
 Concen: 44.406 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

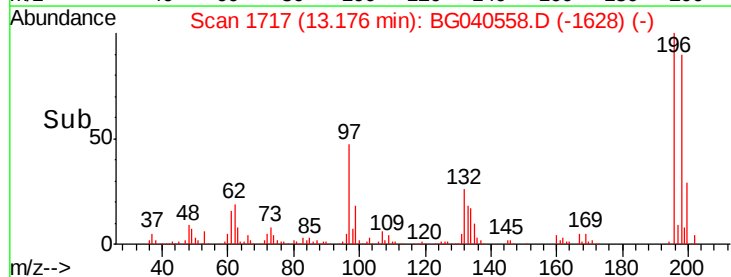
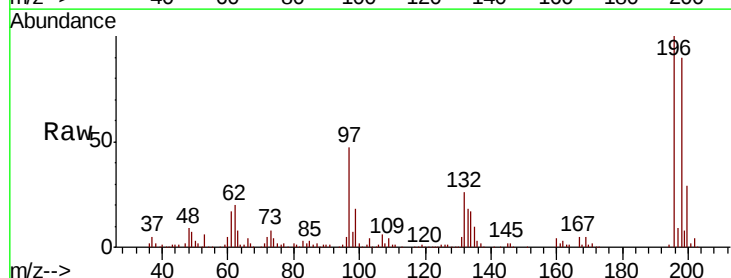
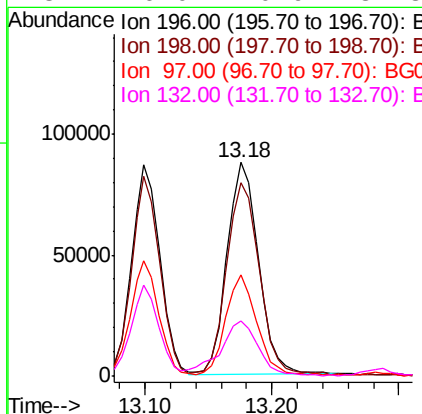
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion:196 Resp: 137408
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.3 117.5
 200 29.7 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.072 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion:196 Resp: 152017
 Ion Ratio Lower Upper
 196 100
 198 90.4 75.0 112.6
 97 47.1 37.3 55.9
 132 26.0 20.9 31.3

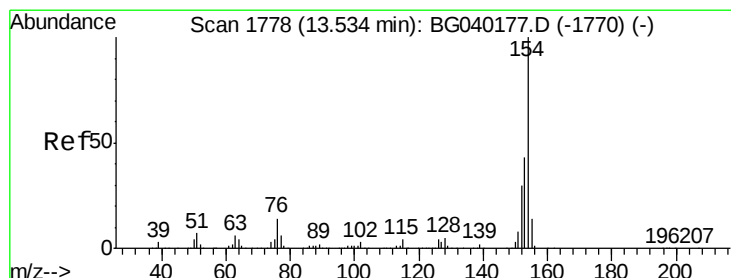
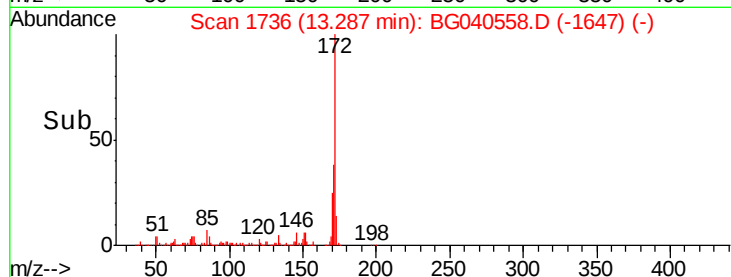
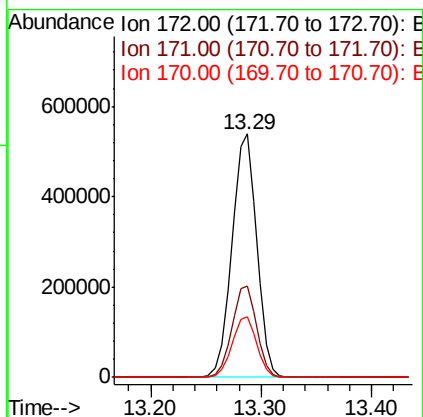
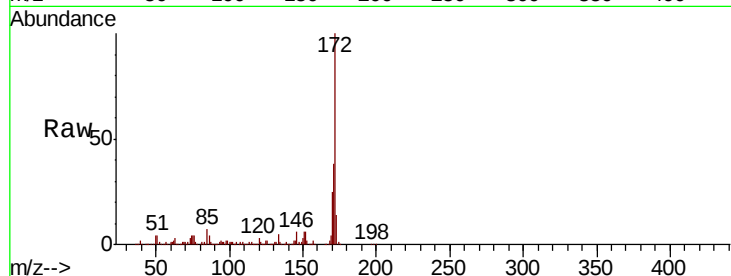




#45
 2-Fluorobiphenyl
 Concen: 83.032 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

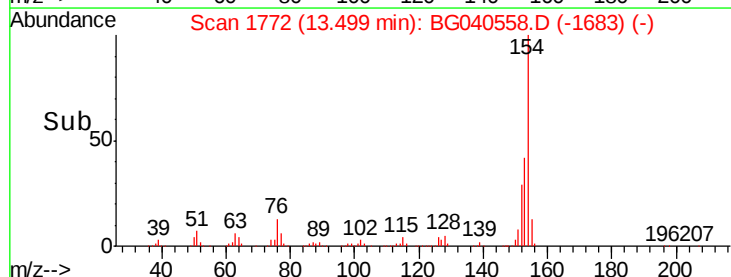
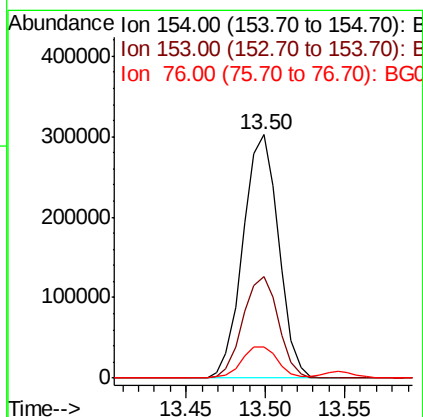
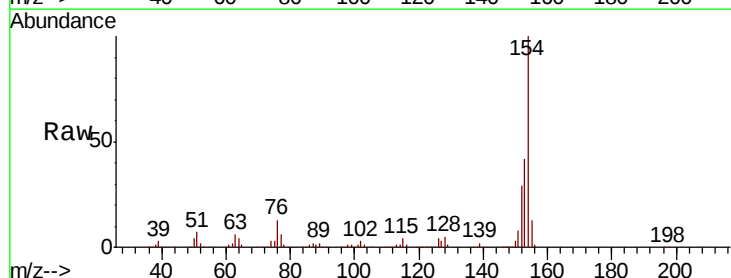
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

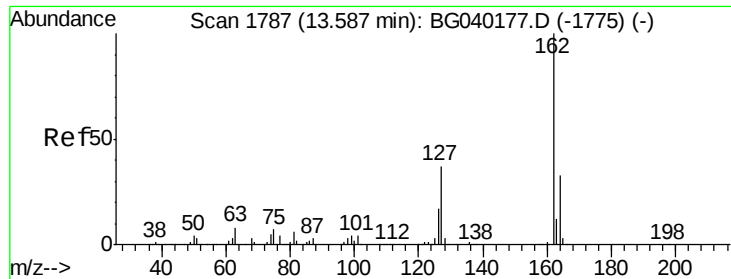
Tgt Ion:172 Resp: 846161
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 24.9 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 39.455 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion:154 Resp: 470751
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.5 62.5
 76 12.7 0.0 33.7

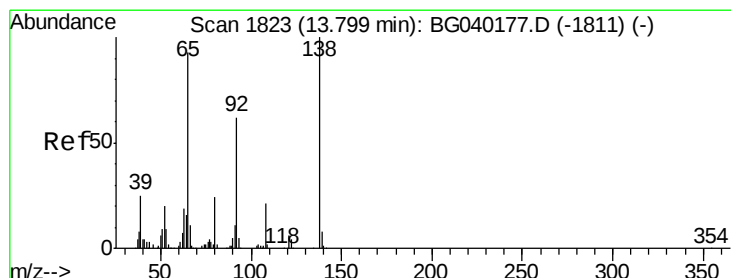
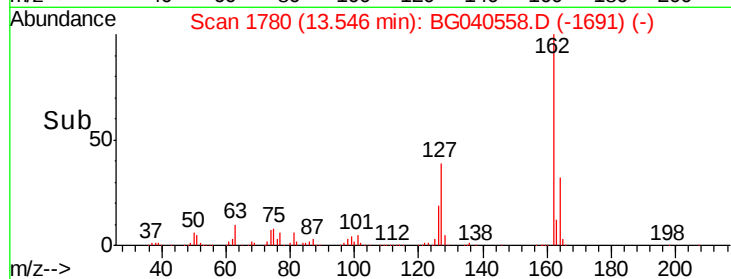
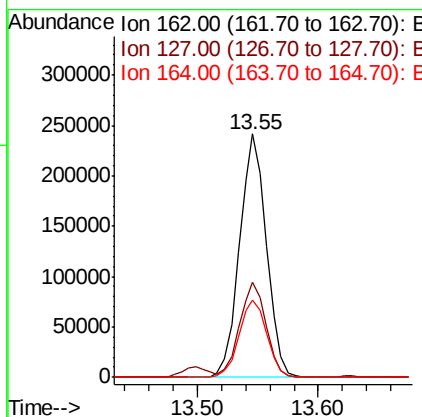
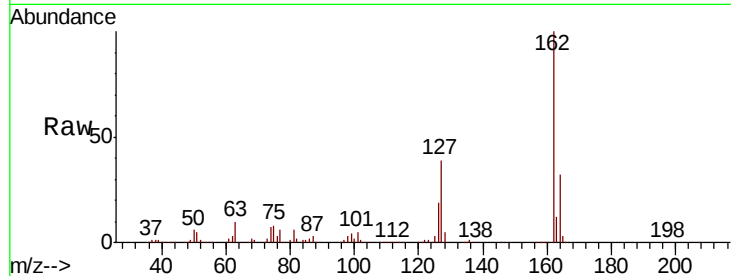




#47
 2-Chloronaphthalene
 Concen: 40.745 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

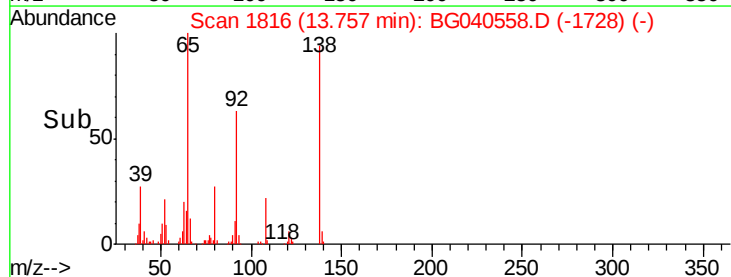
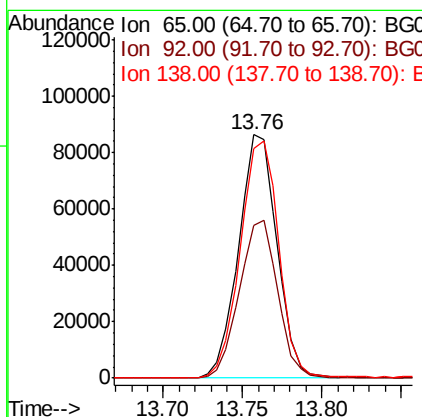
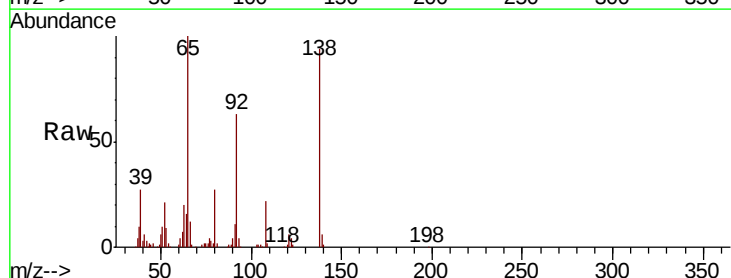
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

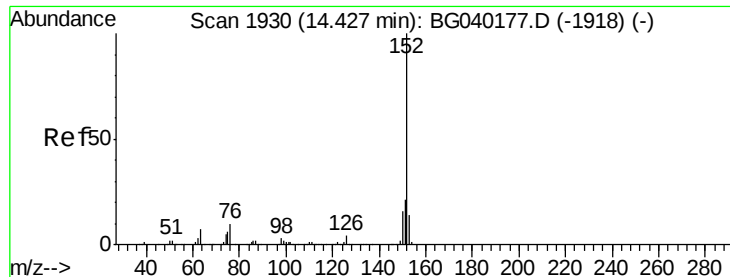
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.6	45.8
164	31.9	26.2	39.4



#48
 2-Nitroaniline
 Concen: 47.034 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	53.8	80.6
138	94.4	86.3	129.5





#49

Acenaphthylene

Concen: 41.214 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

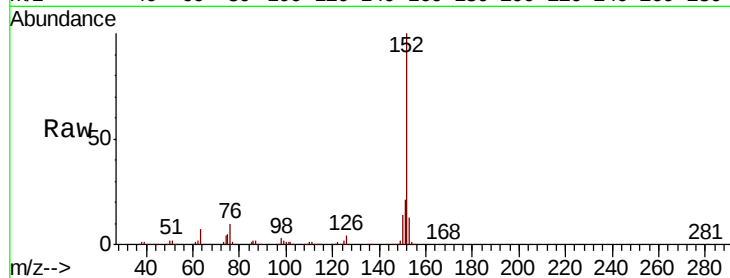
Tgt Ion:152 Resp: 639526

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.6

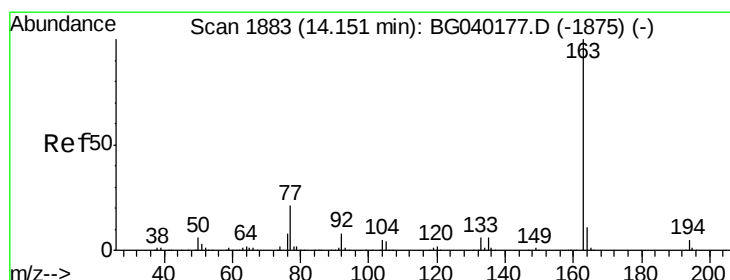
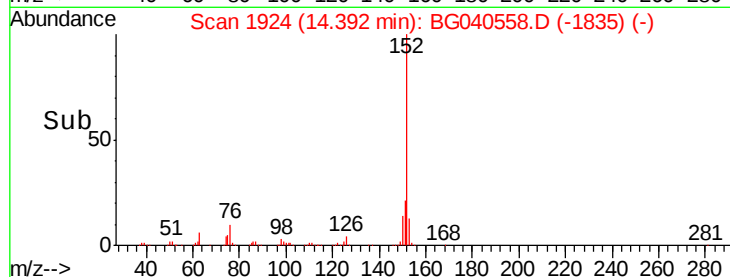
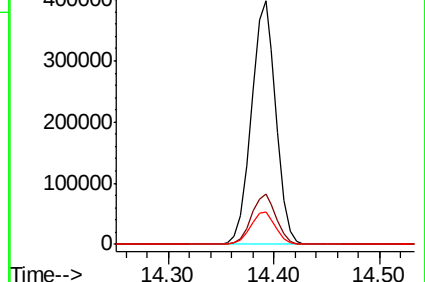
153 13.2 10.8 16.2



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: 44.340 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

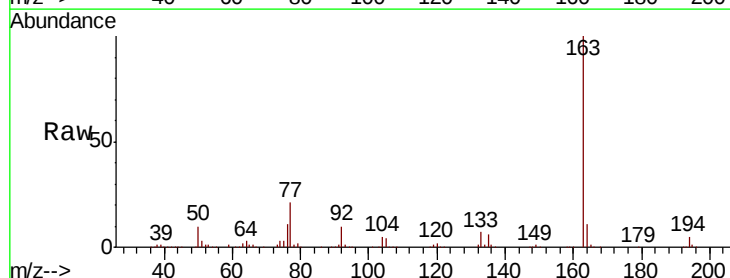
Tgt Ion:163 Resp: 524019

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

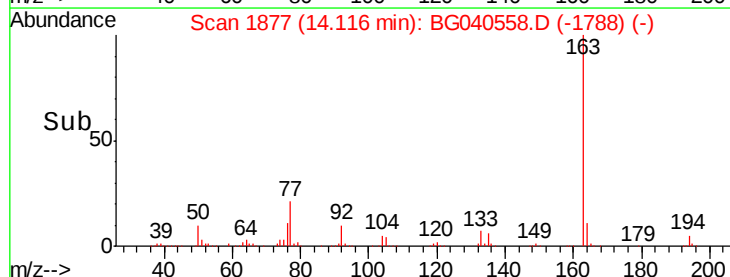
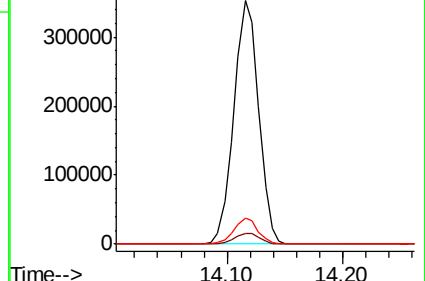
164 10.7 8.6 13.0

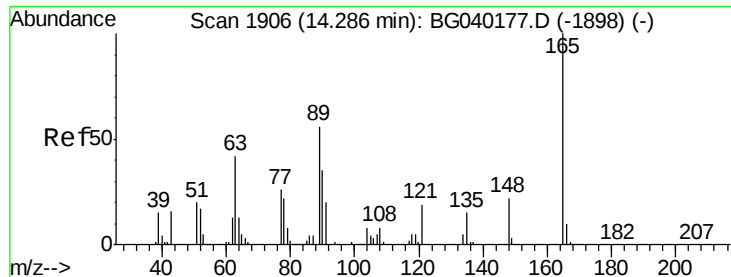


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

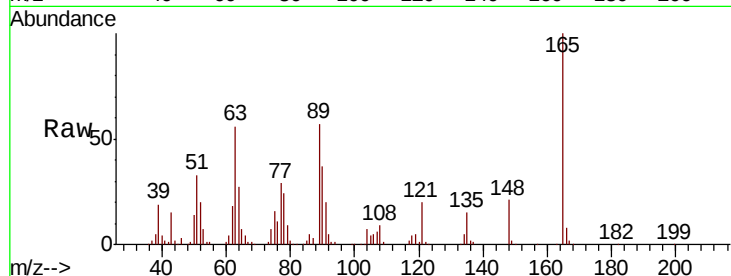




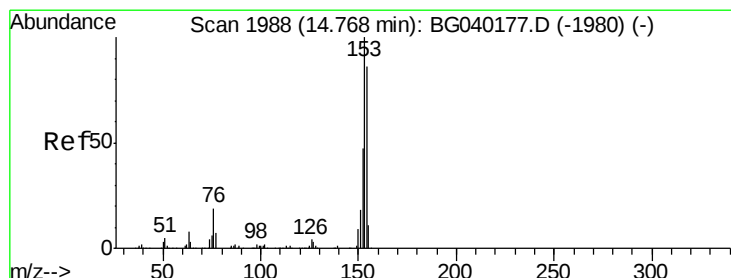
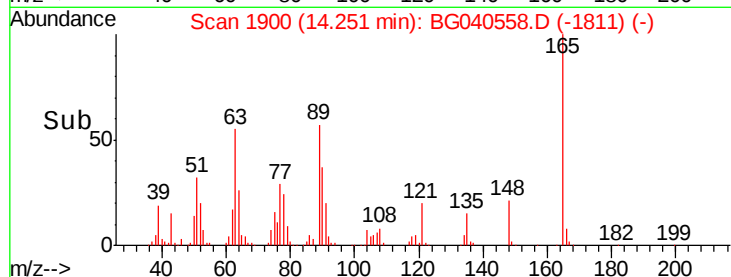
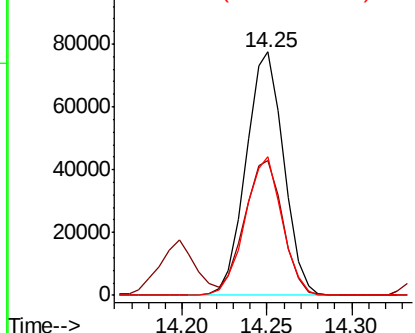
#51
 2,6-Dinitrotoluene
 Concen: 45.053 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion:165 Resp: 119553
 Ion Ratio Lower Upper
 165 100
 63 55.6 44.1 66.1
 89 57.1 44.9 67.3

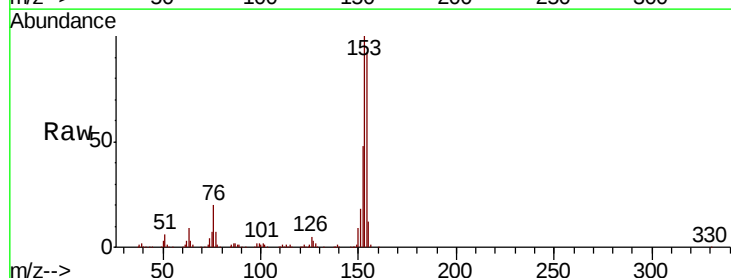


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

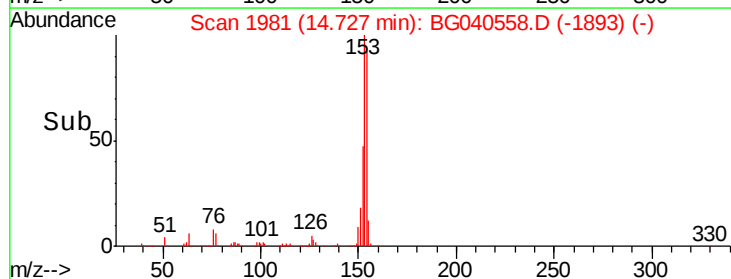
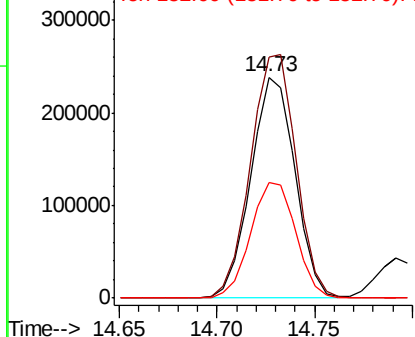


#52
 Acenaphthene
 Concen: 42.108 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion:154 Resp: 374405
 Ion Ratio Lower Upper
 154 100
 153 109.1 92.8 139.2
 152 52.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 34.264 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

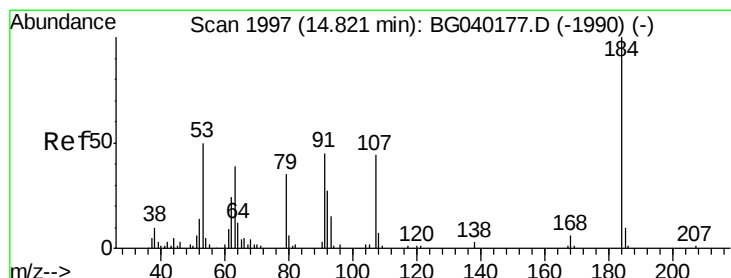
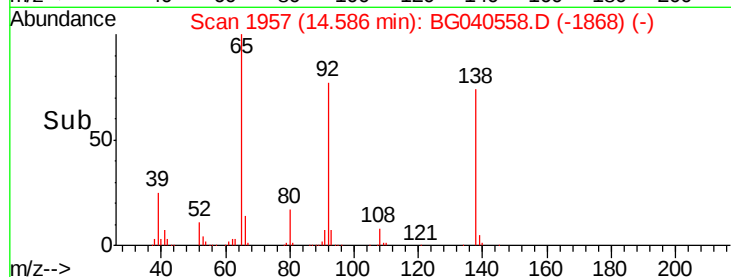
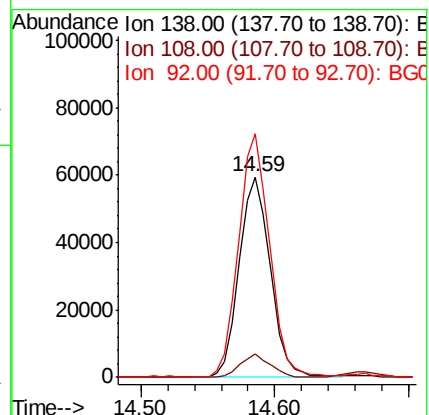
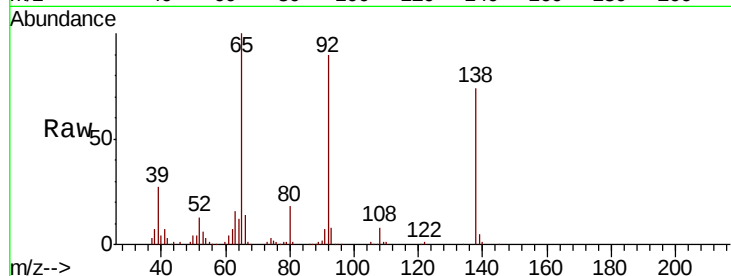
Tgt Ion:138 Resp: 96246

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.8

92 121.5 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 85.077 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

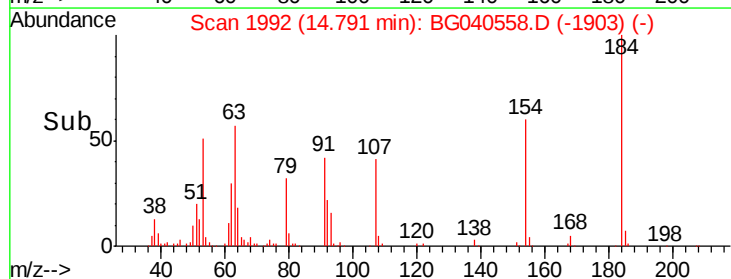
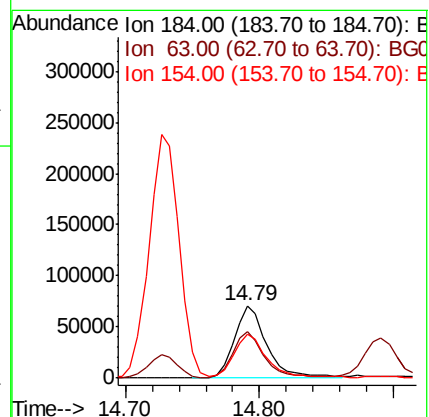
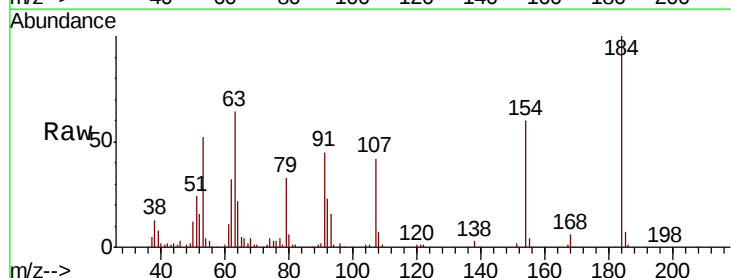
Tgt Ion:184 Resp: 120065

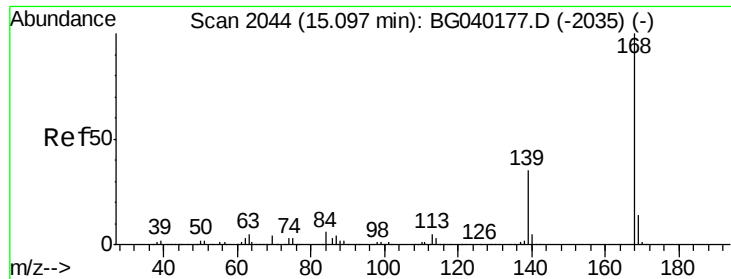
Ion Ratio Lower Upper

184 100

63 63.9 51.8 77.8

154 60.4 50.9 76.3

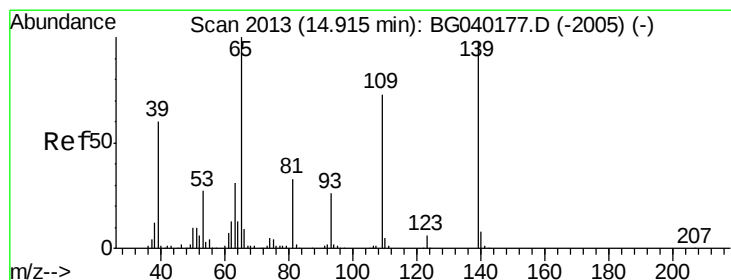
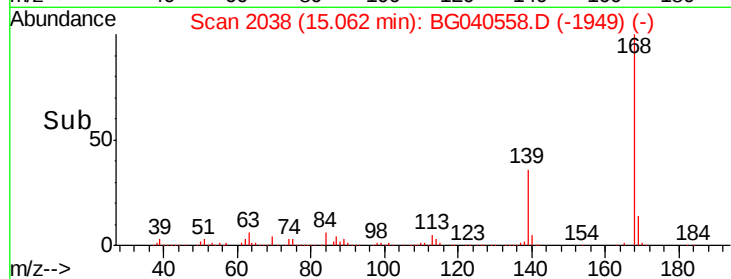
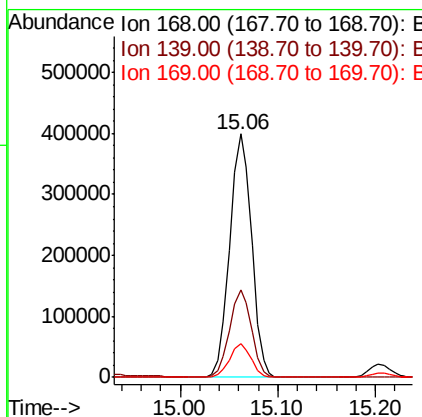
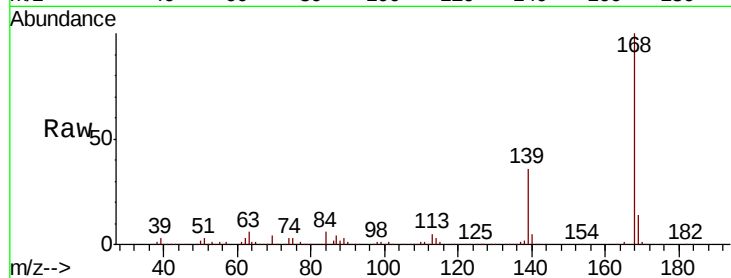




#55
Dibenzofuran
Concen: 43.329 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

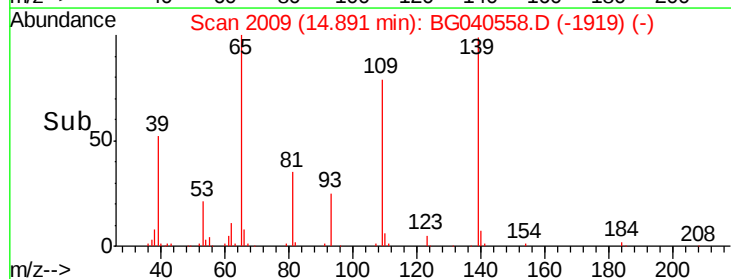
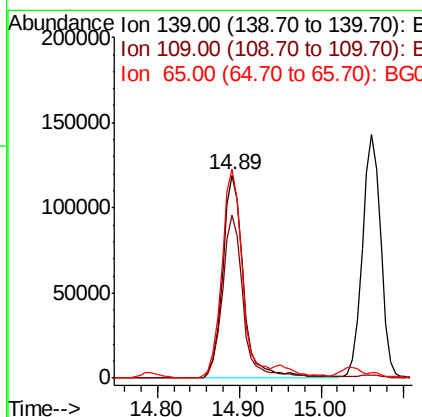
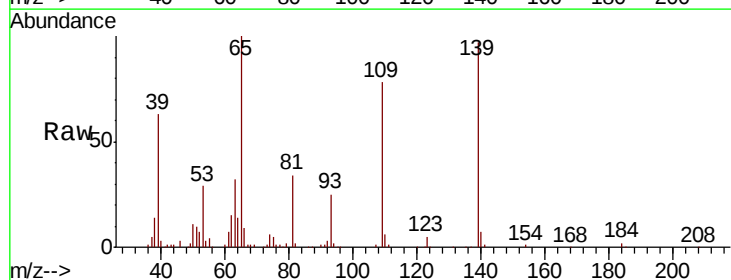
Instrument :
BNA_G
ClientSampleId :
PB119042BS

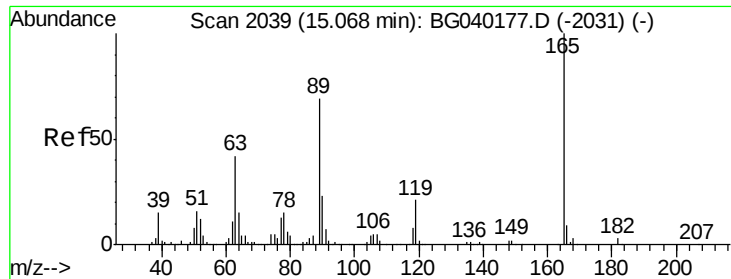
Tgt Ion:168 Resp: 619054
Ion Ratio Lower Upper
168 100
139 35.8 27.9 41.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 93.475 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion:139 Resp: 211912
Ion Ratio Lower Upper
139 100
109 80.2 54.3 94.3
65 102.9 82.5 122.5

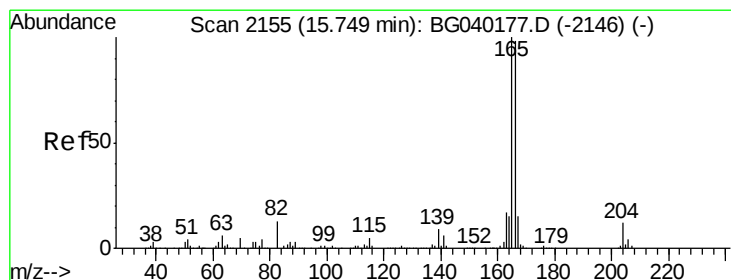
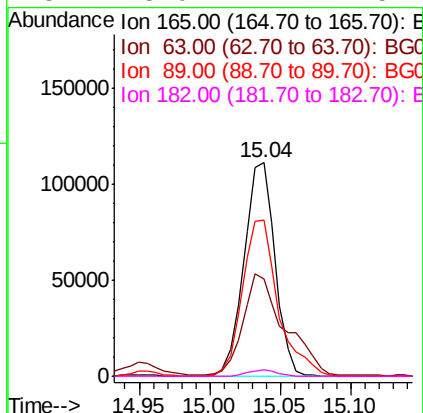
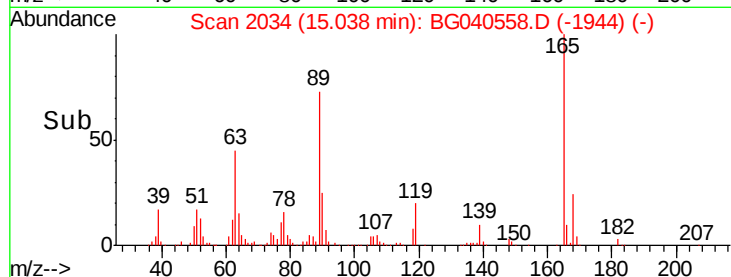
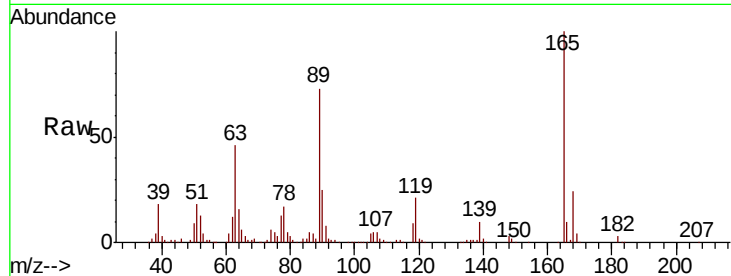




#57
2,4-Dinitrotoluene
Concen: 46.469 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

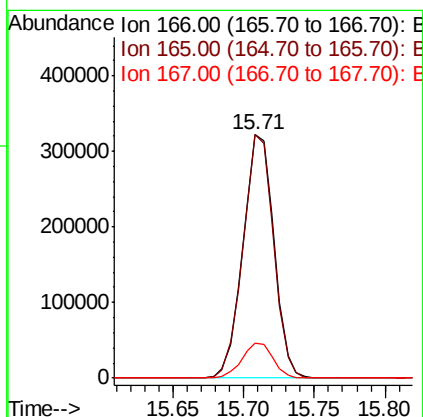
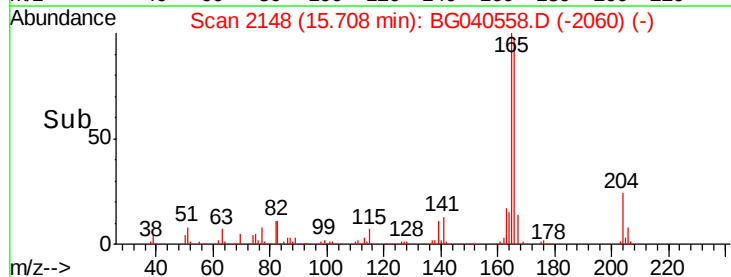
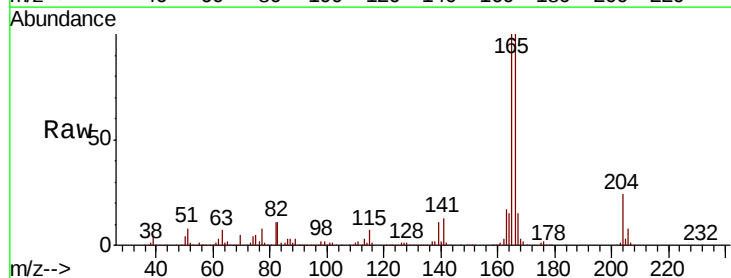
Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion:165 Resp: 171342
Ion Ratio Lower Upper
165 100
63 45.6 33.8 50.6
89 72.9 55.4 83.2
182 3.0 2.2 3.4



#58
Fluorene
Concen: 44.050 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion:166 Resp: 494815
Ion Ratio Lower Upper
166 100
165 99.8 81.7 122.5
167 14.6 11.9 17.9

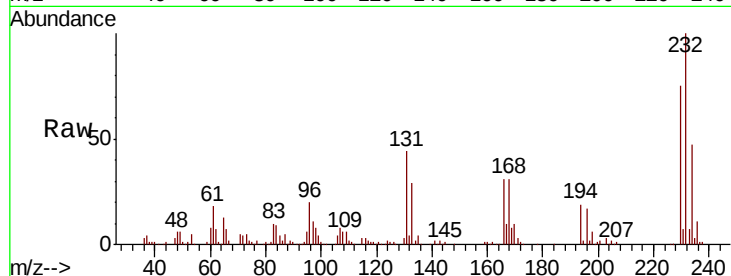




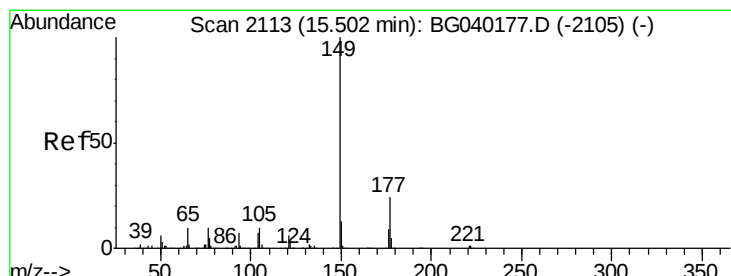
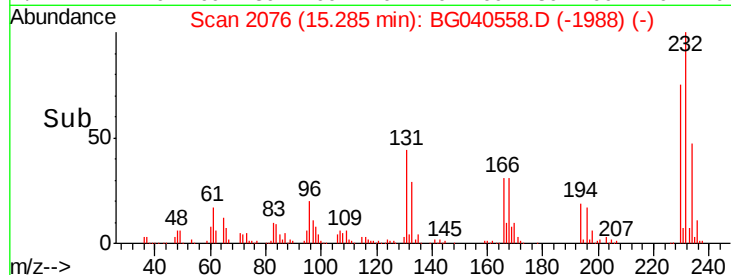
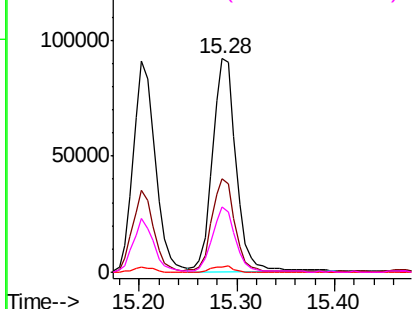
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.251 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion:	232	Resp:	153799
Ion	Ratio	Lower	Upper
232	100		
131	42.3	32.9	49.3
130	2.6	1.8	2.8
166	30.6	23.5	35.3

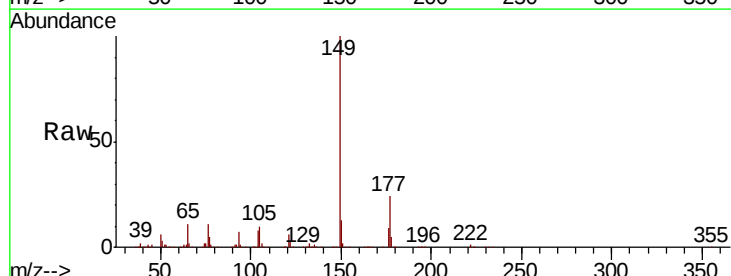


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

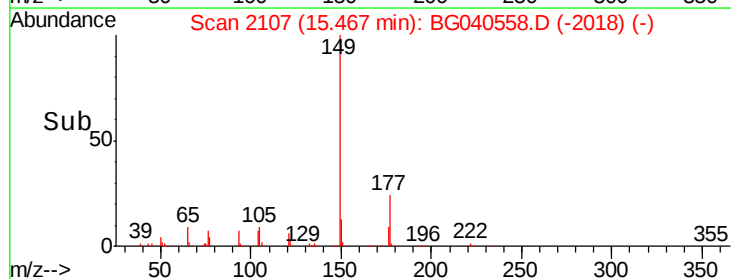
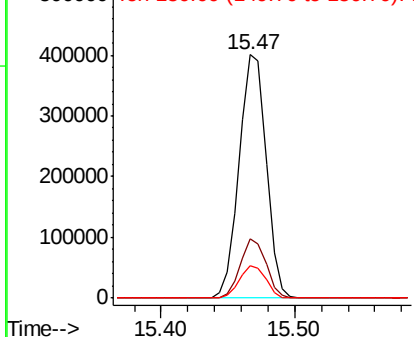


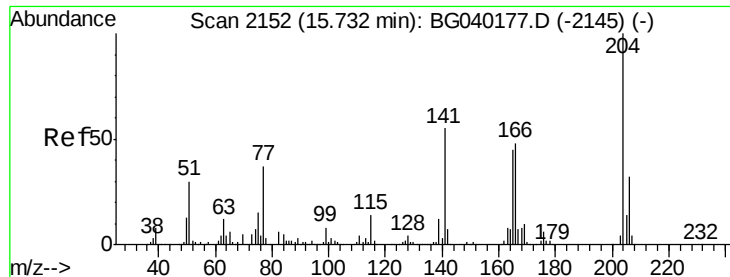
#60
 Diethylphthalate
 Concen: 46.437 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion:	149	Resp:	561578
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	13.1	10.6	15.8



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

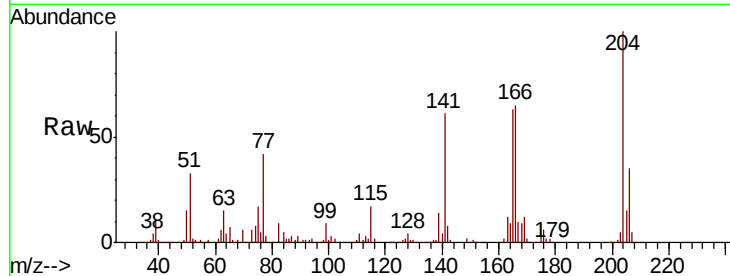




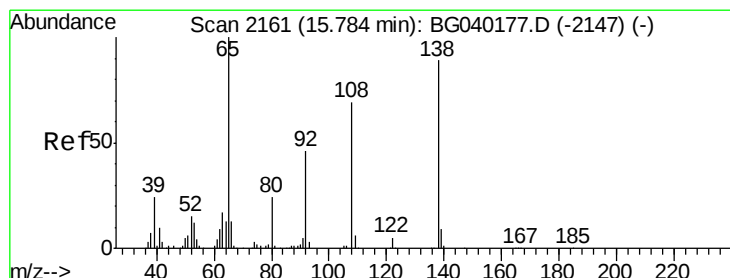
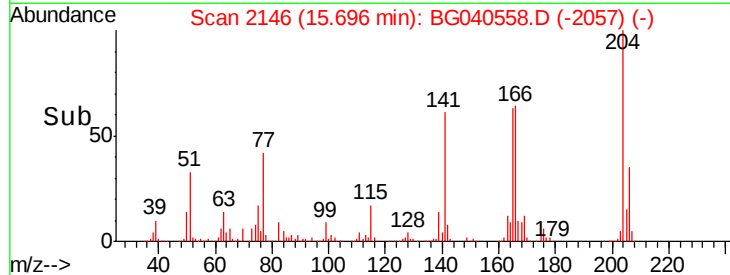
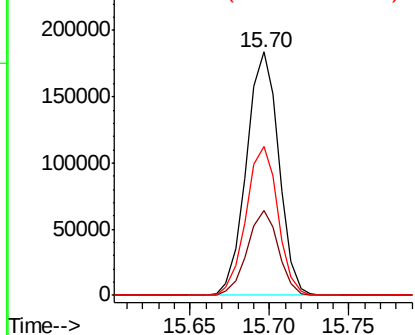
#61
 4-Chlorophenyl-phenylether
 Concen: 43.356 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

Tgt Ion:204 Resp: 260328
 Ion Ratio Lower Upper
 204 100
 206 34.7 25.7 38.5
 141 60.9 44.0 66.0

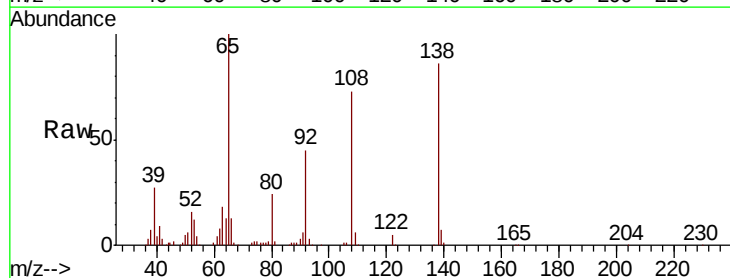


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

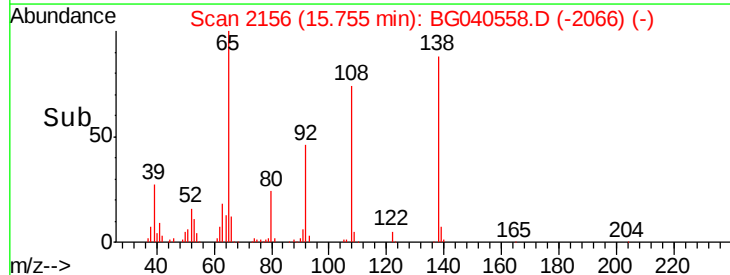
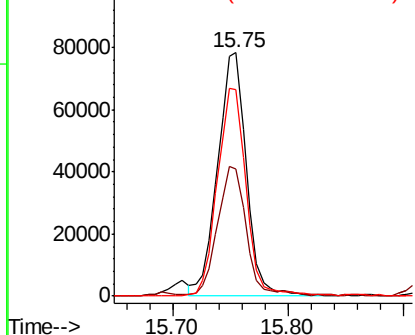


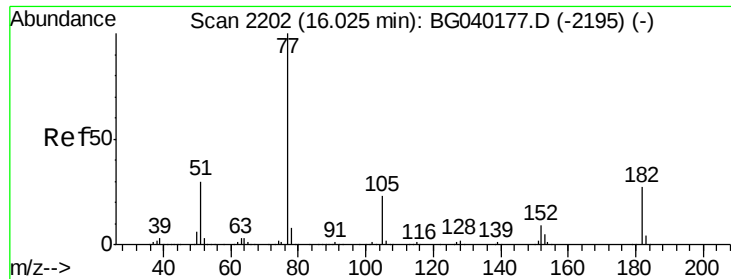
#62
 4-Nitroaniline
 Concen: 44.582 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion:138 Resp: 134390
 Ion Ratio Lower Upper
 138 100
 92 52.3 31.8 71.8
 108 85.0 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

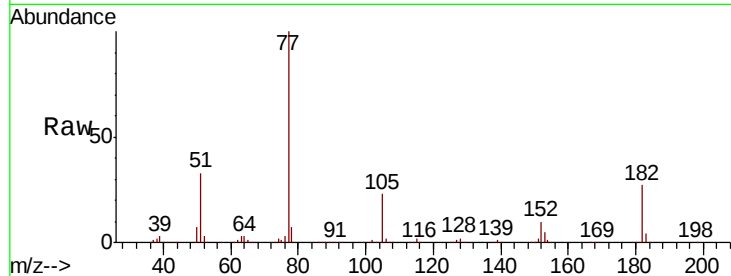




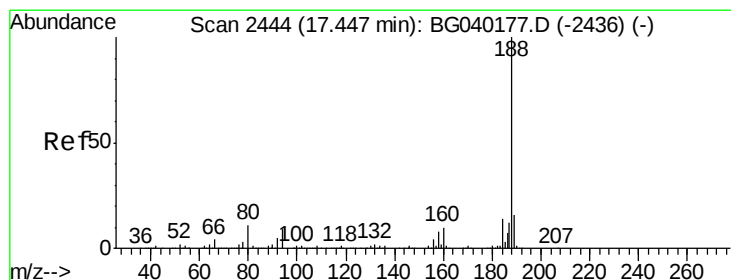
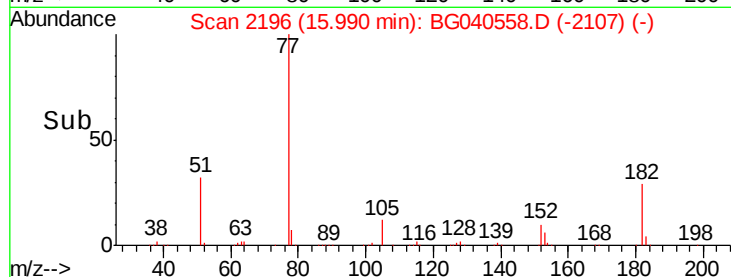
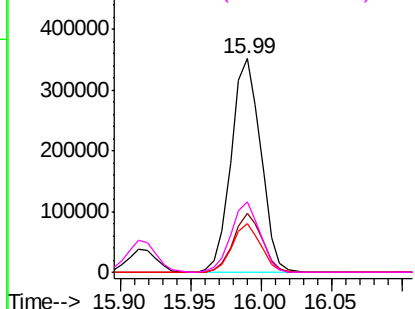
#63
Azobenzene
Concen: 44.853 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion: 77 Resp: 511652
Ion Ratio Lower Upper
77 100
182 27.4 7.2 47.2
105 22.6 2.8 42.8
51 33.1 10.4 50.4

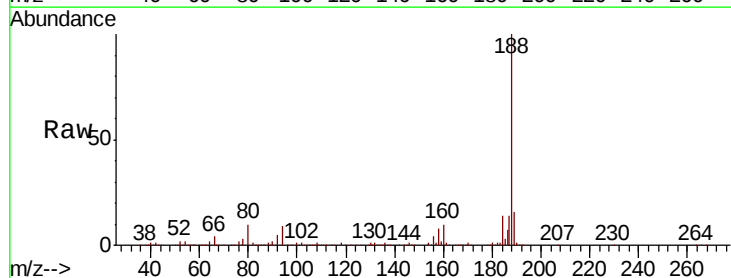


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

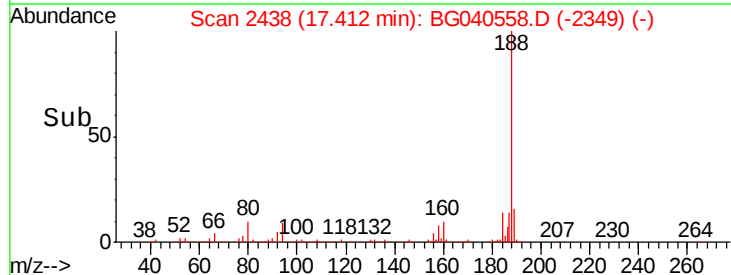
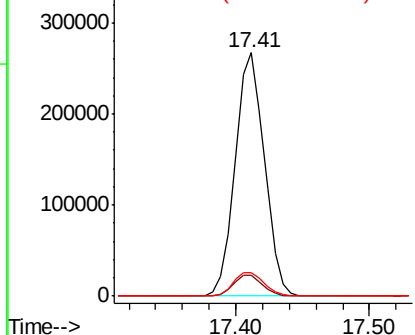


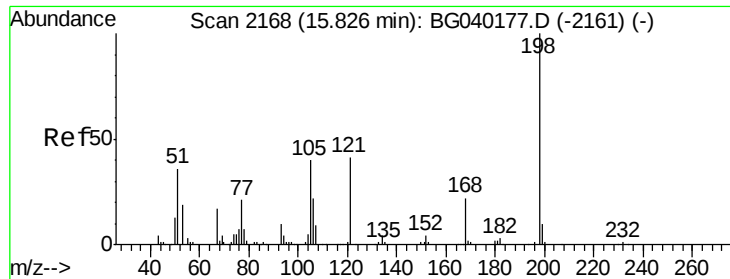
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion: 188 Resp: 406456
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.7 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: 42.093 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

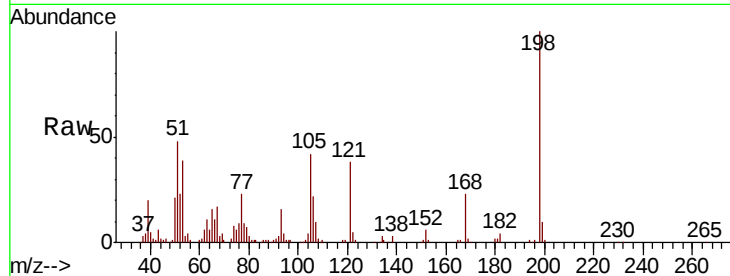
Tgt Ion:198 Resp: 96122

Ion Ratio Lower Upper

198 100

51 48.3 27.3 67.3

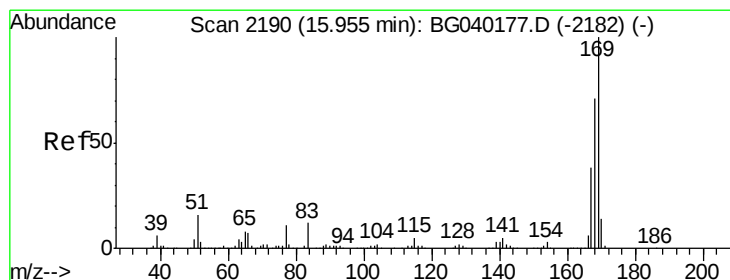
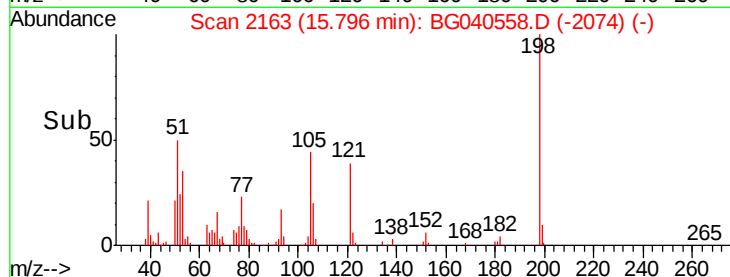
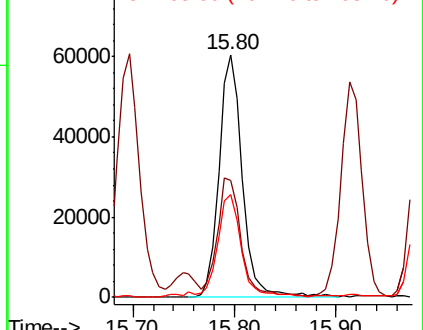
105 42.4 21.7 61.7



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: 40.054 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

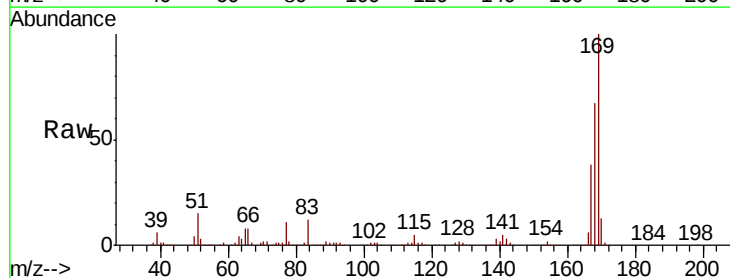
Tgt Ion:169 Resp: 476404

Ion Ratio Lower Upper

169 100

168 66.9 56.8 85.2

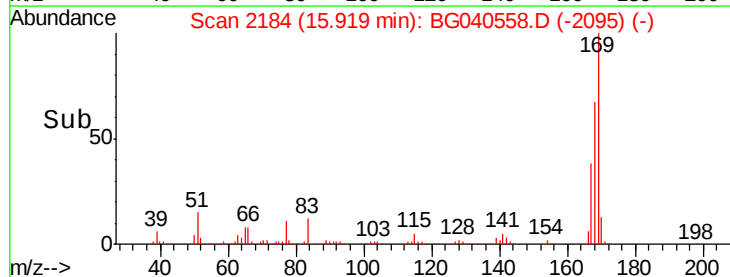
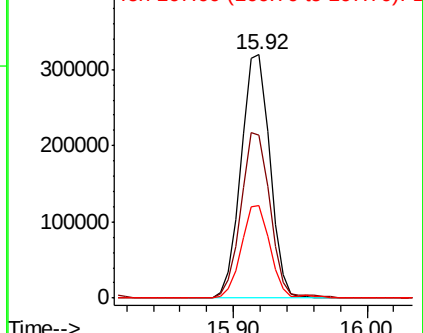
167 37.9 30.2 45.4

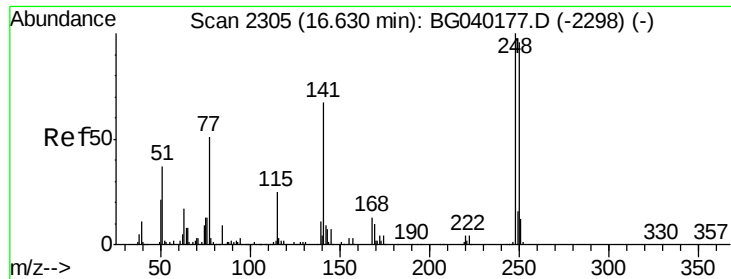


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

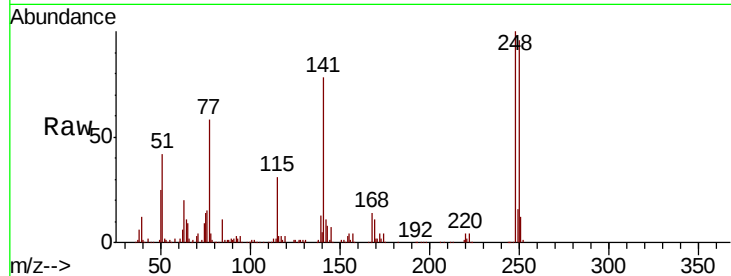




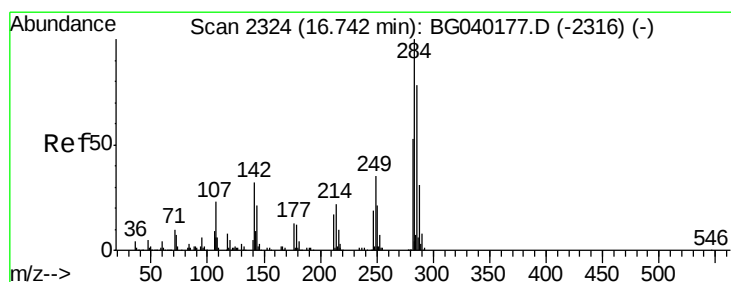
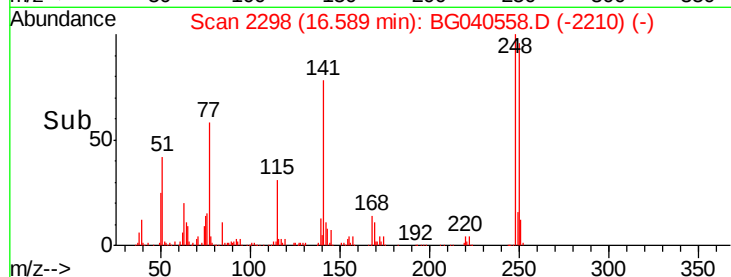
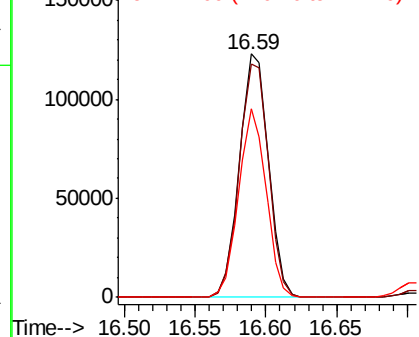
#67
4-Bromophenyl-phenylether
Concen: 38.573 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion:248 Resp: 176436
Ion Ratio Lower Upper
248 100
250 95.8 76.4 114.6
141 77.6 53.8 80.8

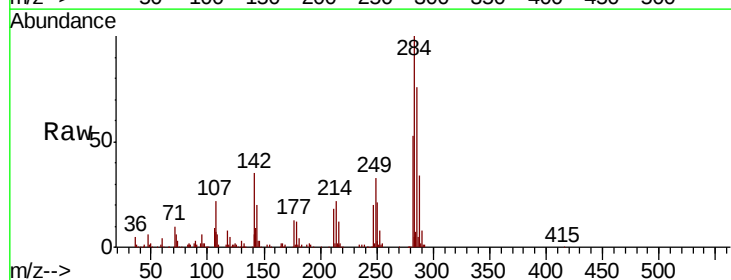


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

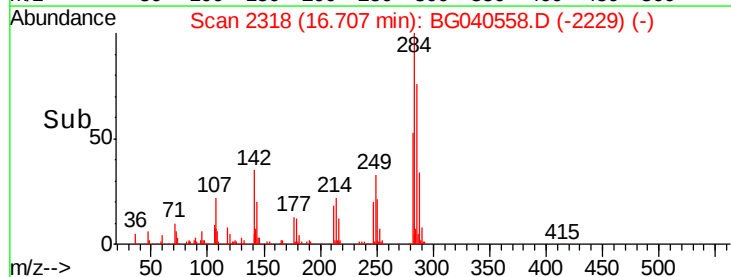
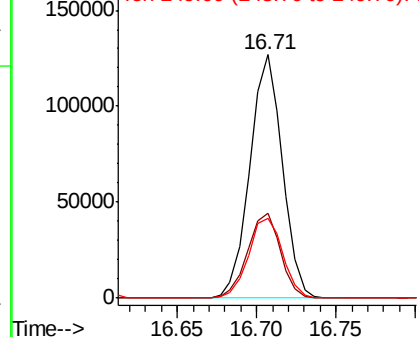


#68
Hexachlorobenzene
Concen: 39.172 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion:284 Resp: 180151
Ion Ratio Lower Upper
284 100
142 34.9 25.3 37.9
249 32.5 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: 39.673 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

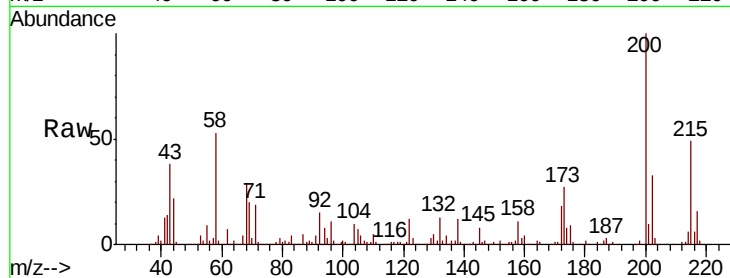
Tgt Ion:200 Resp: 175534

Ion Ratio Lower Upper

200 100

173 26.9 7.1 47.1

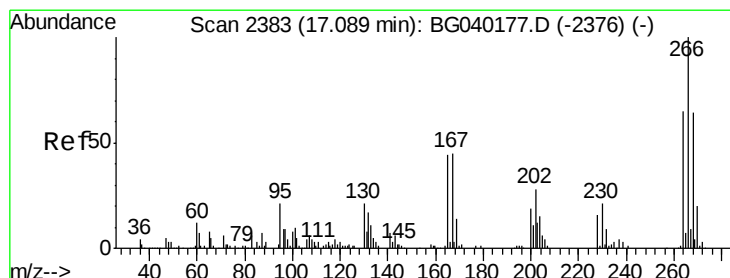
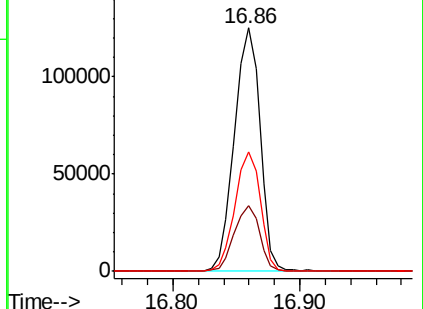
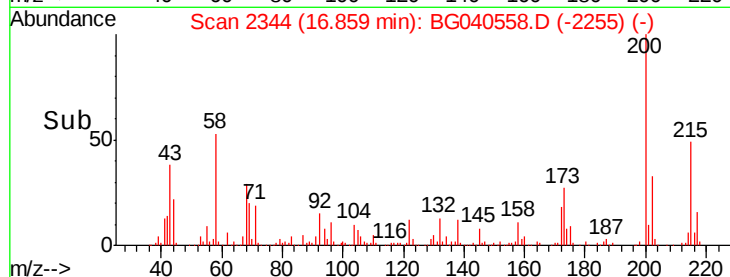
215 49.3 30.9 70.9



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: 71.483 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

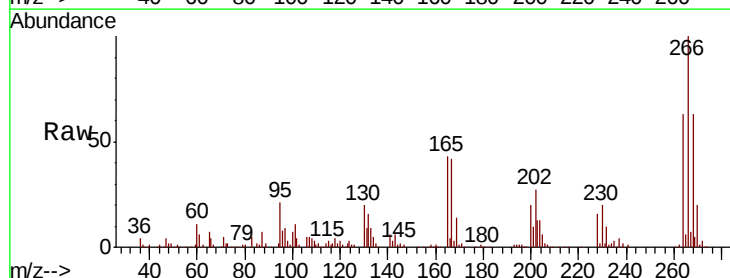
Tgt Ion:266 Resp: 190063

Ion Ratio Lower Upper

266 100

268 63.0 55.0 82.4

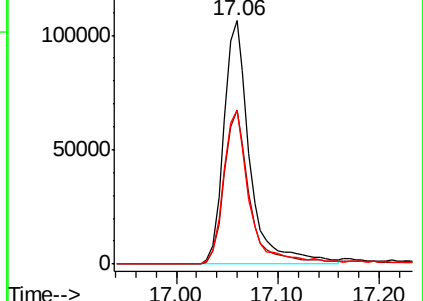
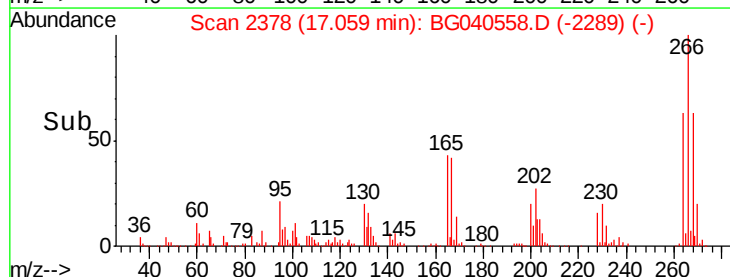
264 63.1 51.8 77.8

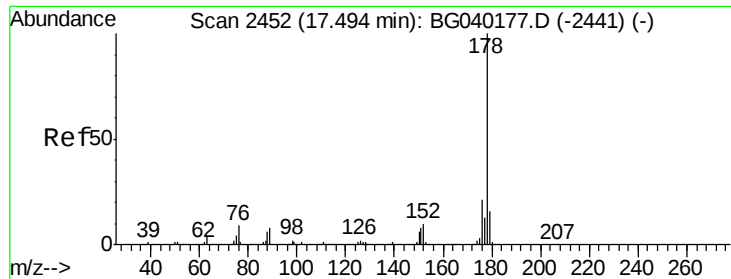


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

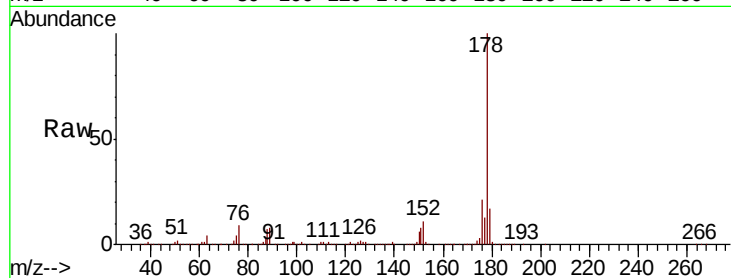




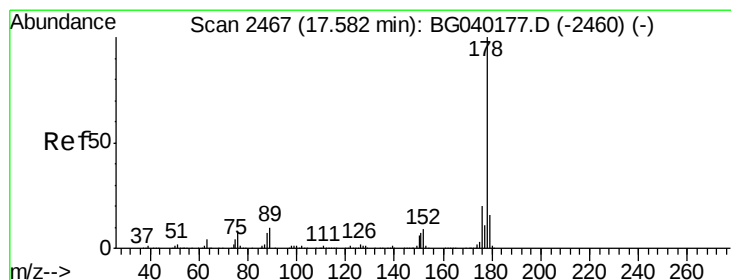
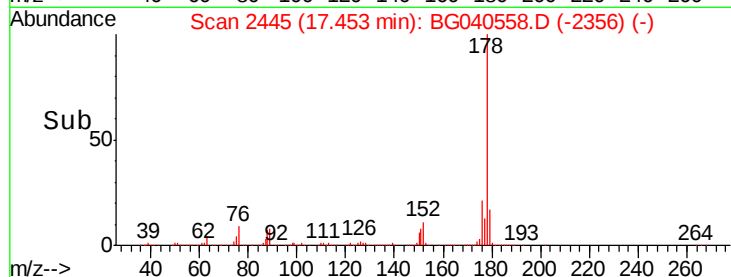
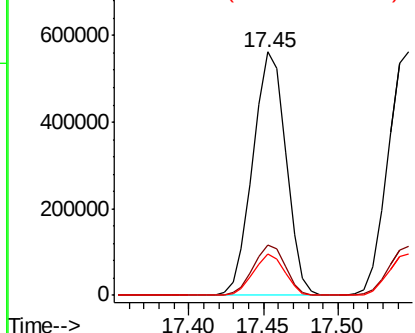
#71
Phenanthrene
Concen: 40.454 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion:178 Resp: 864267
Ion Ratio Lower Upper
178 100
176 20.7 16.7 25.1
179 16.7 12.8 19.2

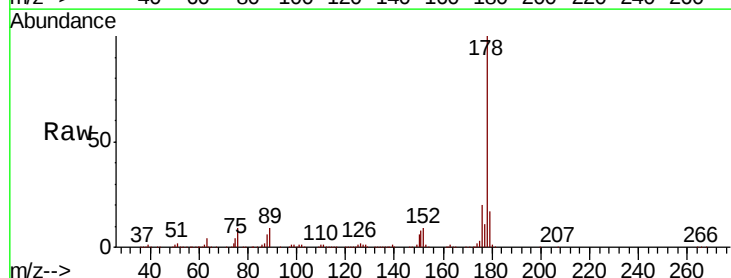


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

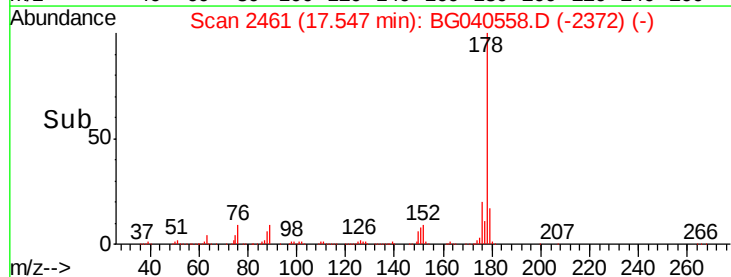
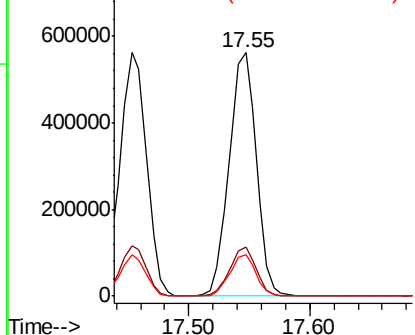


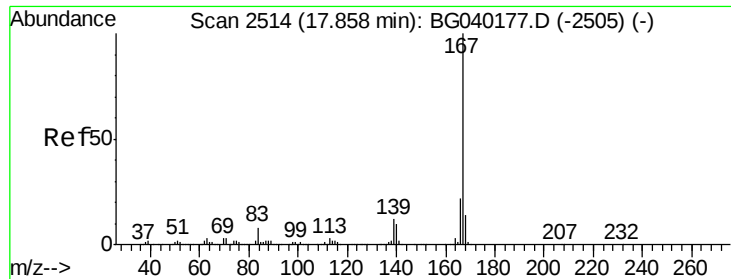
#72
Anthracene
Concen: 41.123 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion:178 Resp: 879369
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.9 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

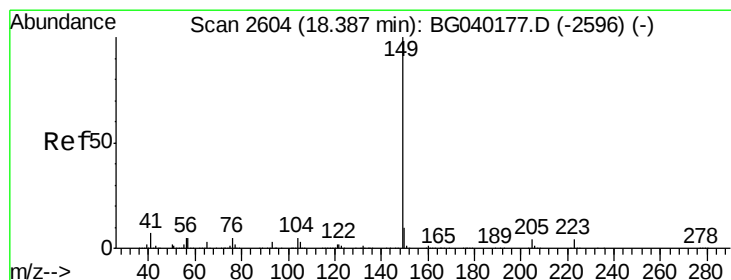
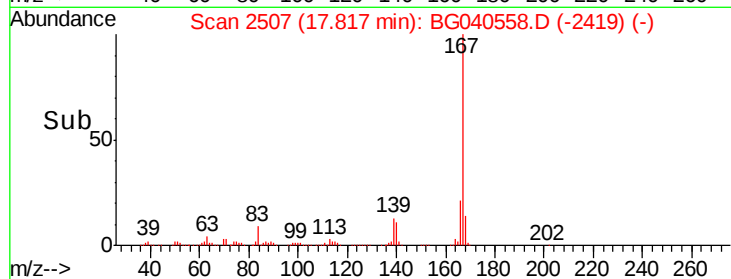
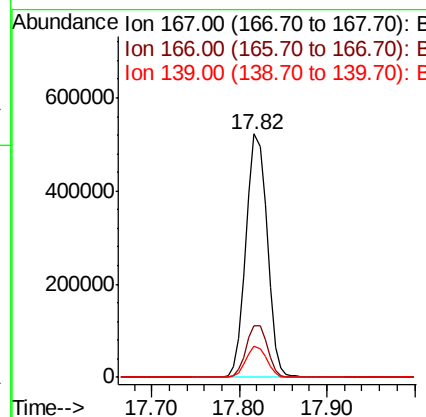
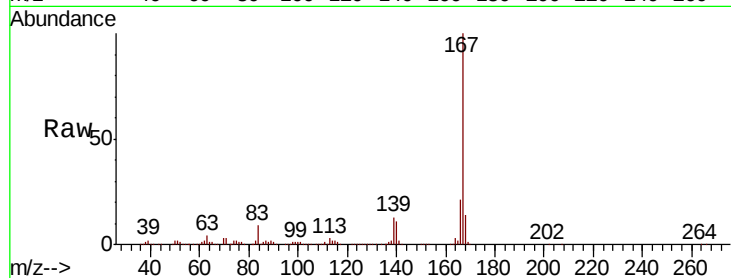




#73
 Carbazole
 Concen: 42.065 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.02 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

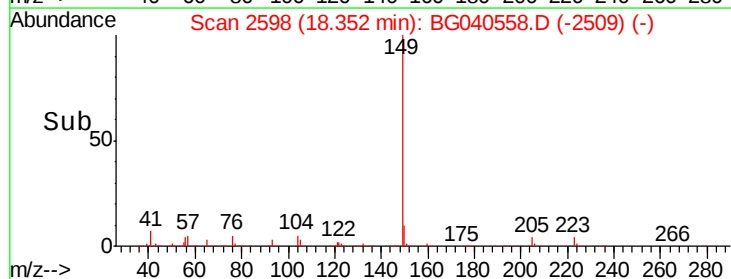
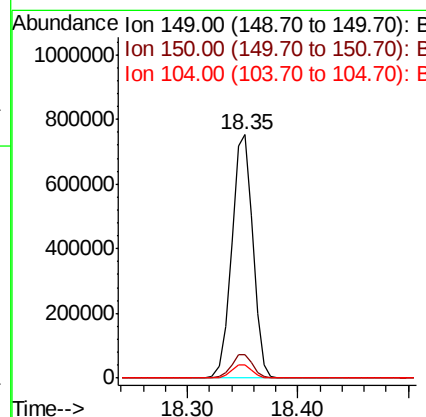
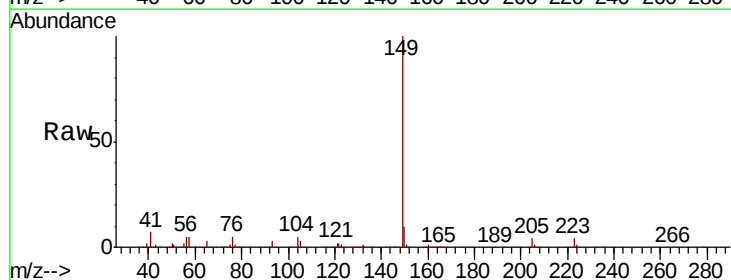
Instrument :
 BNA_G
 ClientSampleId :
 PB119042BS

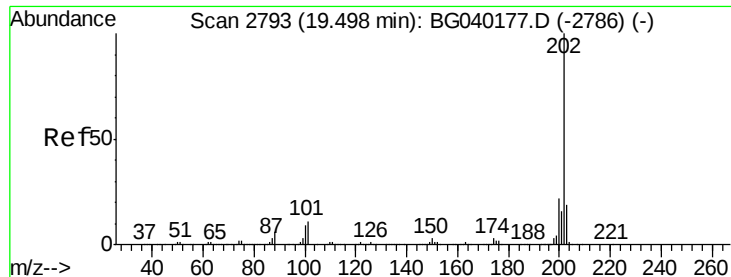
Tgt Ion:167 Resp: 851278
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.0 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.934 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG040558.D
 Acq: 19 Apr 2019 12:38

Tgt Ion:149 Resp: 1005933
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 54.250 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

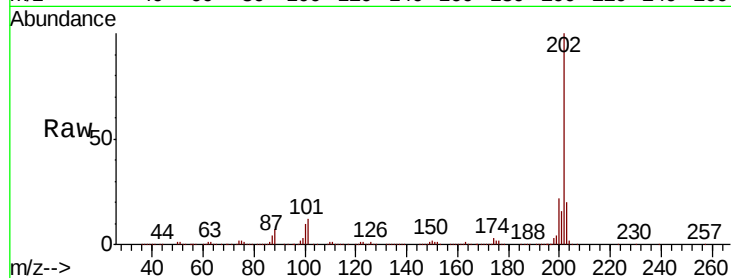
Tgt Ion:202 Resp: 1372408

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.8

203 20.3 0.0 38.9

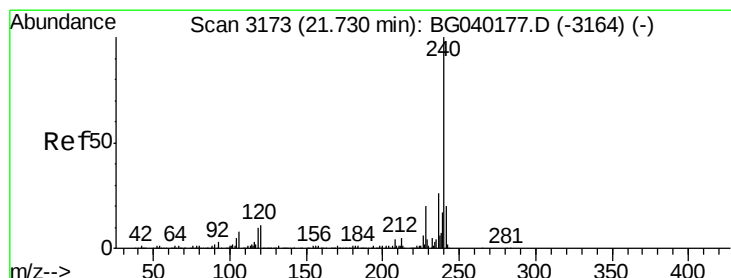
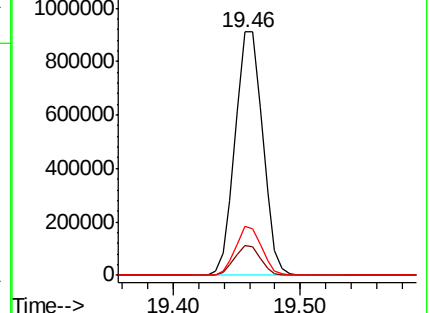
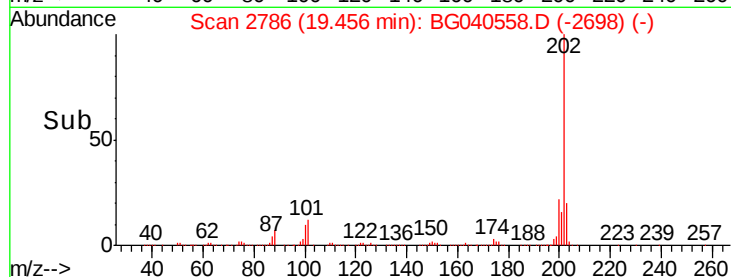


Abundance

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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

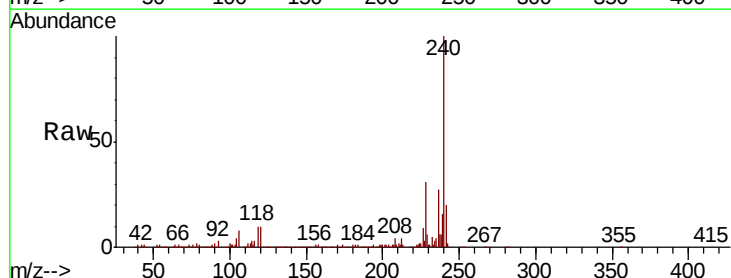
Tgt Ion:240 Resp: 393701

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

236 27.1 20.8 31.2

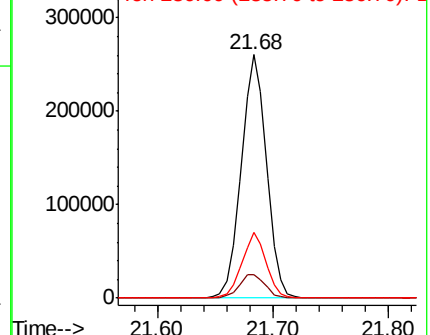
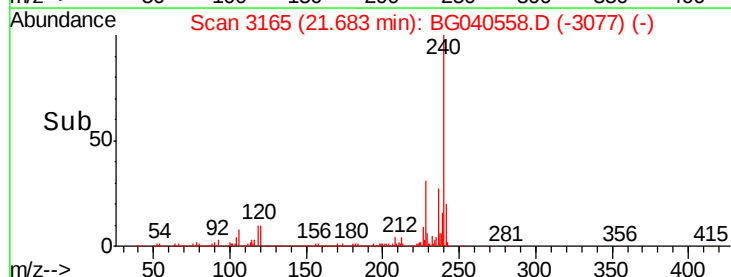


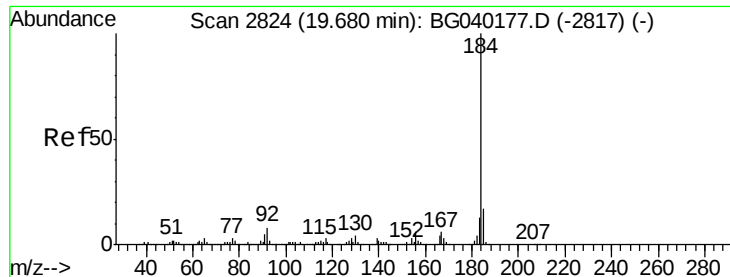
Abundance

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: 37.828 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

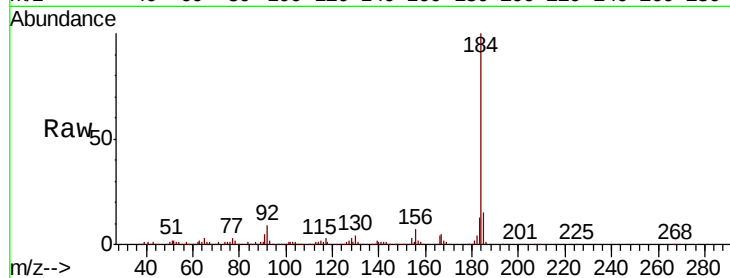
Tgt Ion:184 Resp: 537797

Ion Ratio Lower Upper

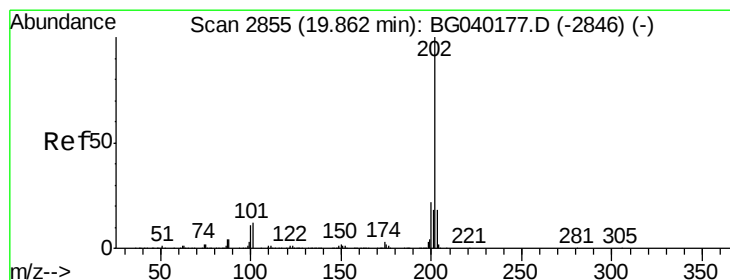
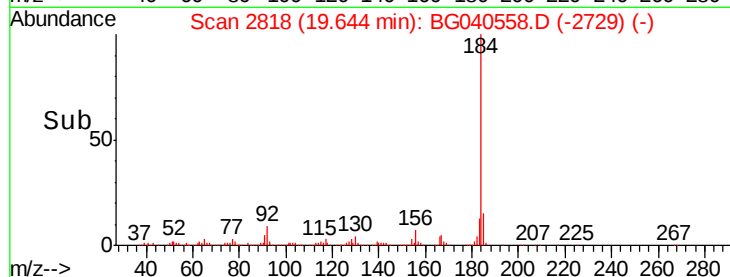
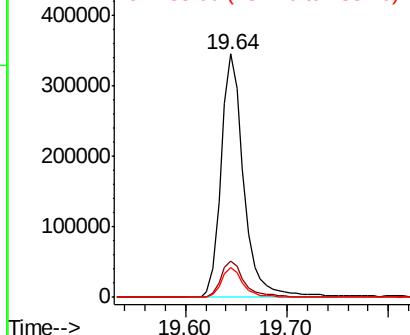
184 100

185 14.7 13.3 19.9

183 12.5 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: 52.659 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

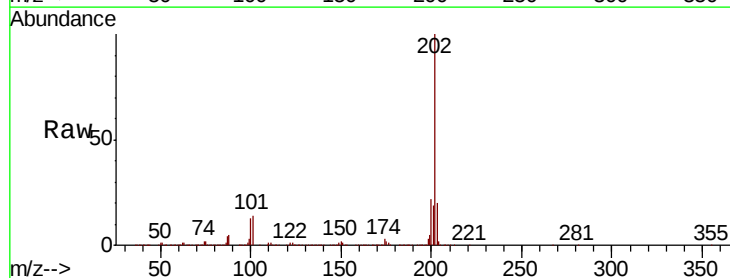
Tgt Ion:202 Resp: 1363362

Ion Ratio Lower Upper

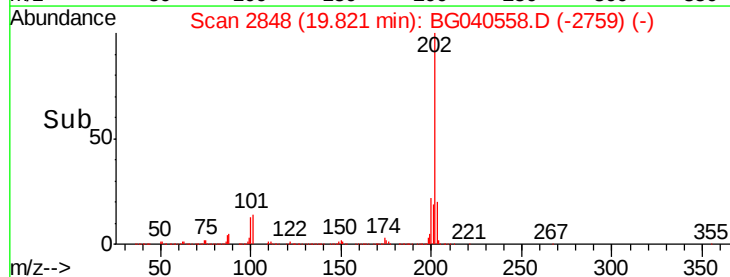
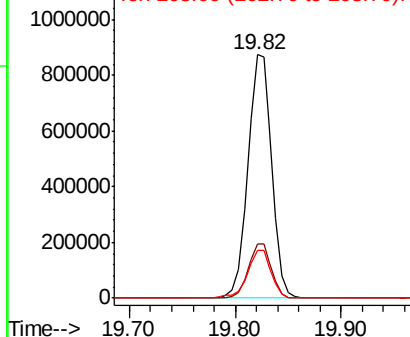
202 100

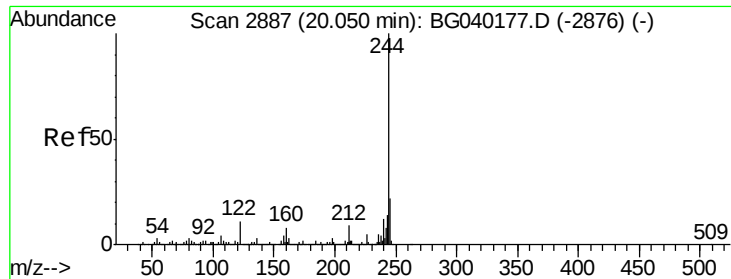
200 22.5 17.3 25.9

203 19.6 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: 107.513 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

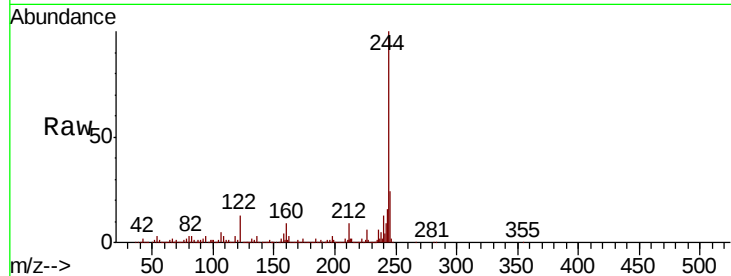
Tgt Ion:244 Resp: 1881530

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

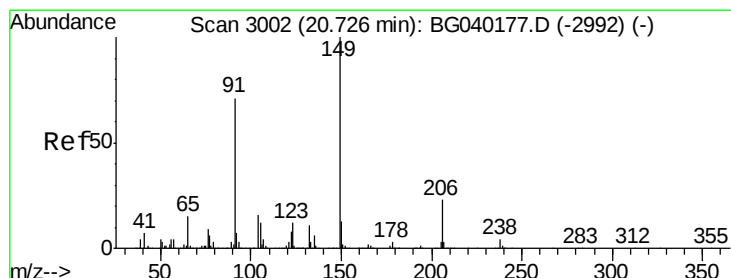
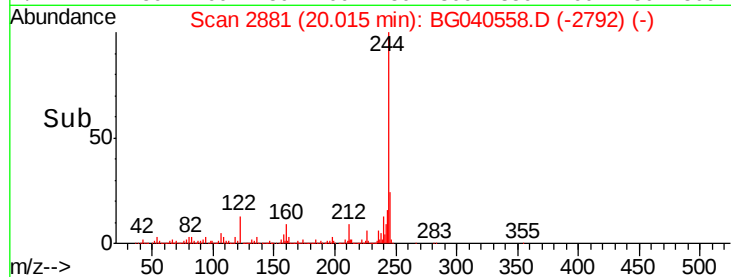
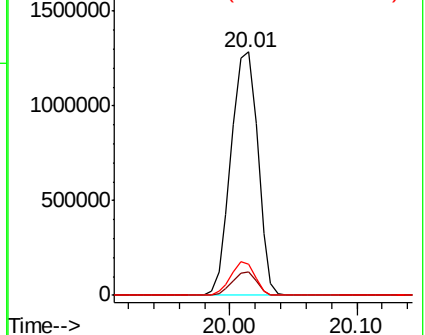
122 12.7 8.5 12.7



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: 57.788 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

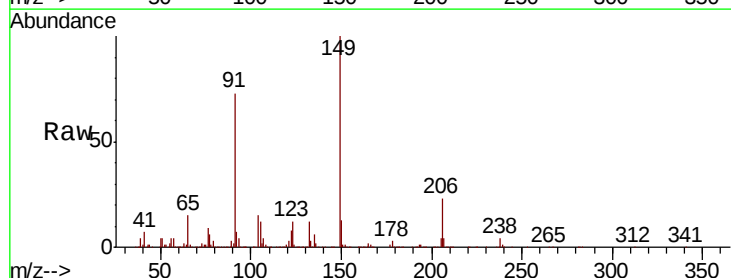
Tgt Ion:149 Resp: 640225

Ion Ratio Lower Upper

149 100

91 72.5 57.0 85.4

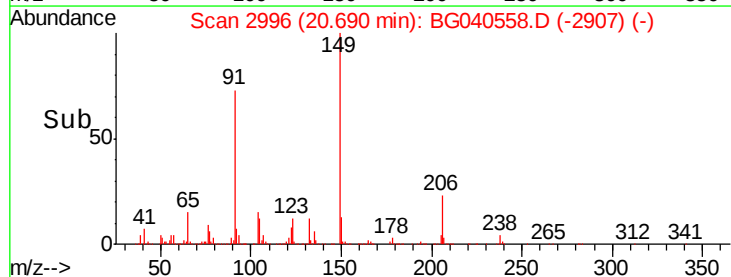
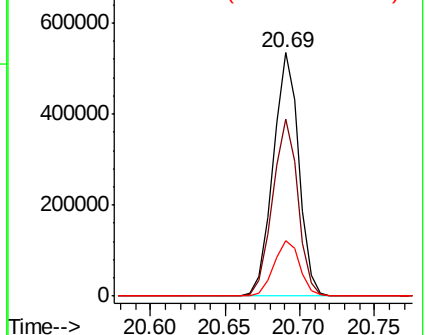
206 22.8 18.2 27.4

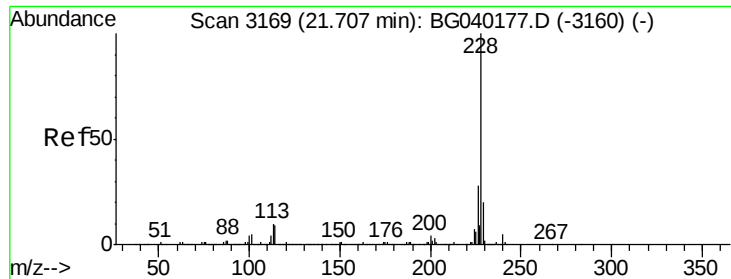


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.750 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

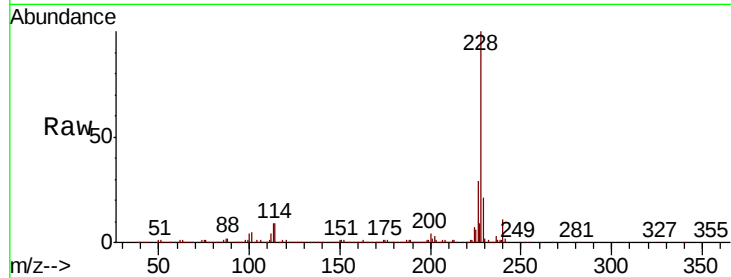
Tgt Ion:228 Resp: 939689

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

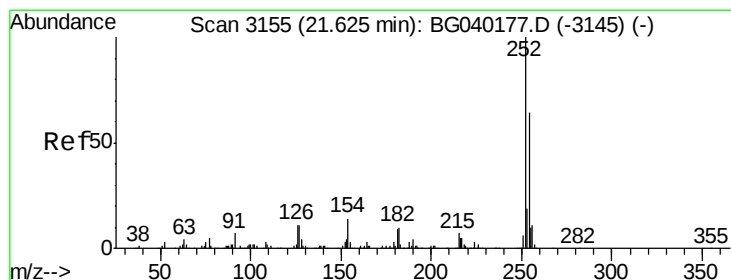
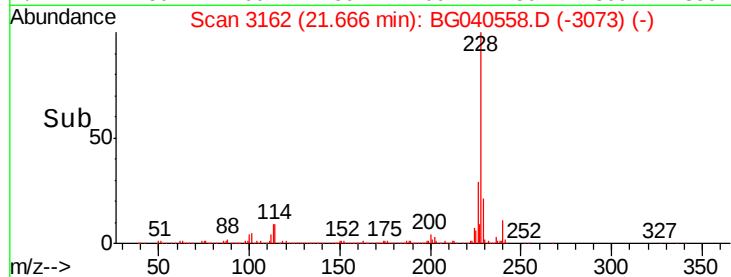
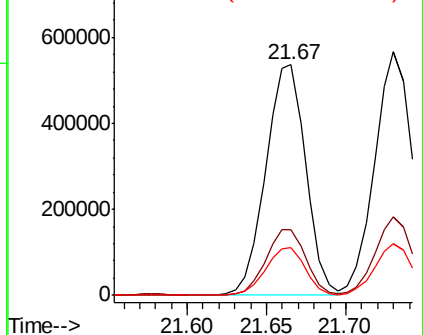
229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.197 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

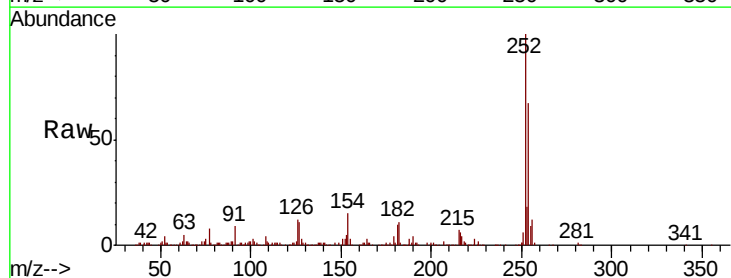
Tgt Ion:252 Resp: 269331

Ion Ratio Lower Upper

252 100

254 66.6 51.4 77.2

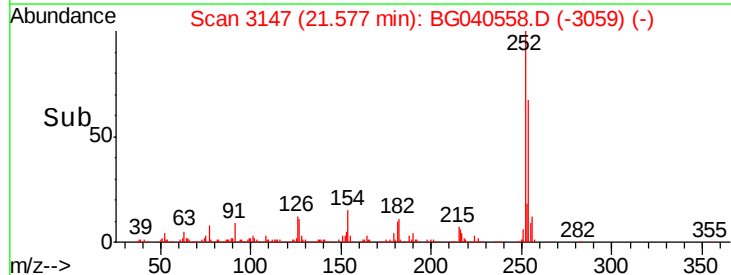
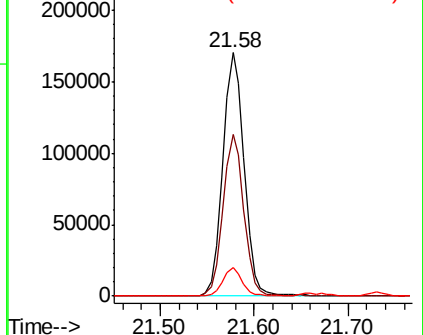
126 11.8 8.5 12.7

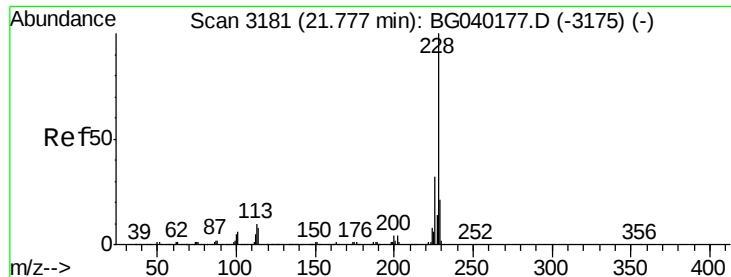


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.916 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

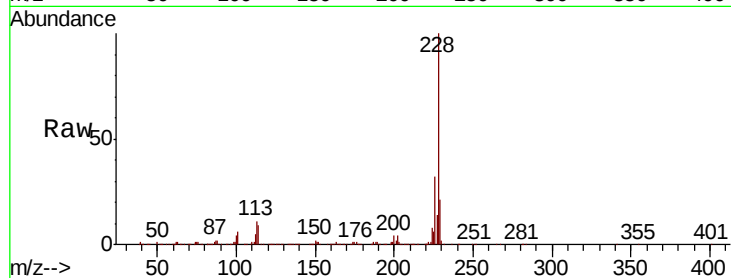
Tgt Ion:228 Resp: 930263

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

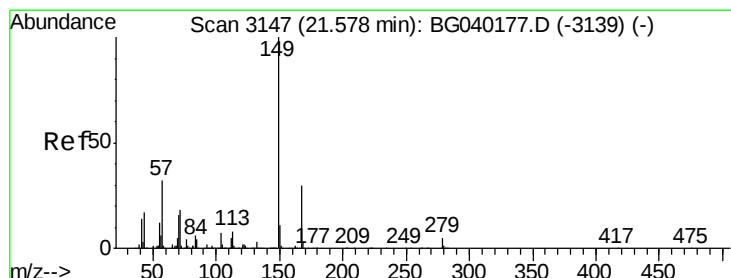
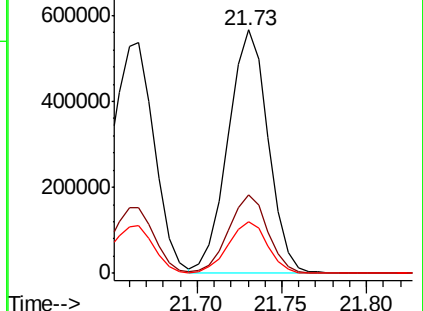
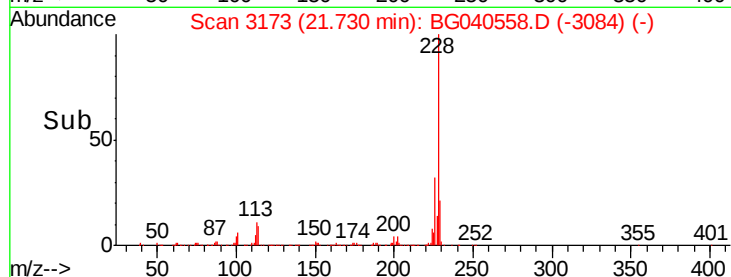
229 21.2 17.0 25.4



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: 41.509 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

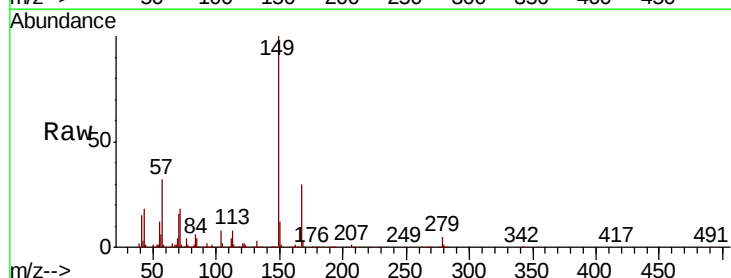
Tgt Ion:149 Resp: 657364

Ion Ratio Lower Upper

149 100

167 30.2 24.1 36.1

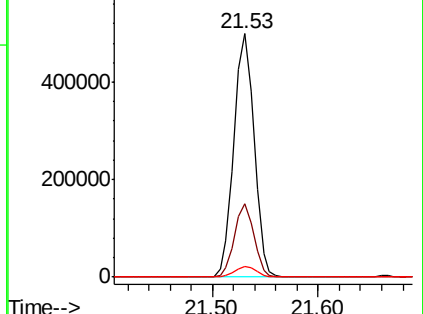
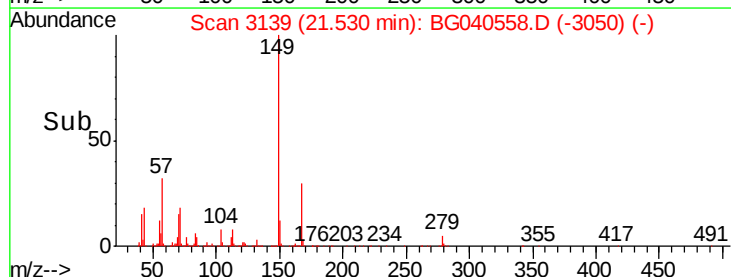
279 4.5 4.1 6.1

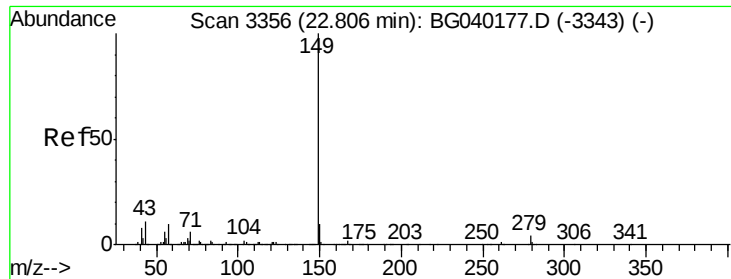


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.555 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

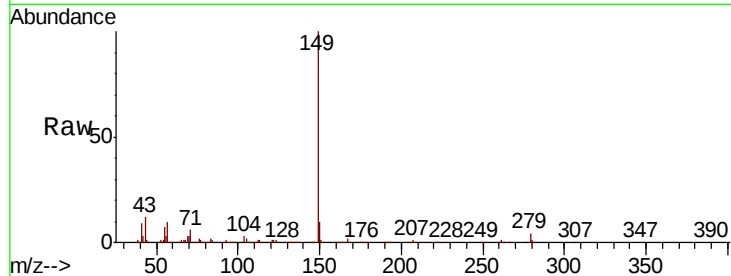
Tgt Ion:149 Resp: 1121239

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

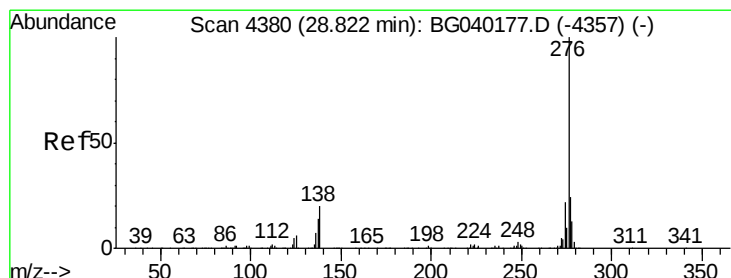
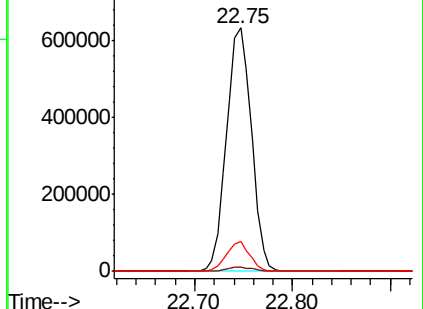
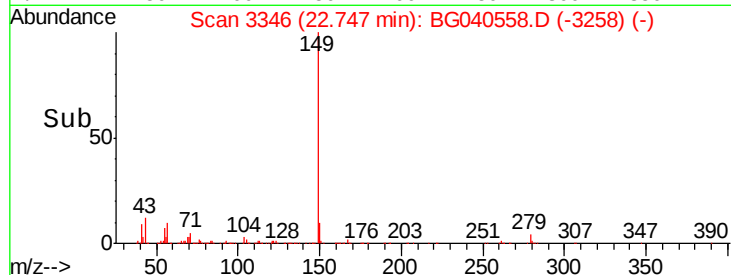
43 11.3 8.7 13.1



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: 40.038 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

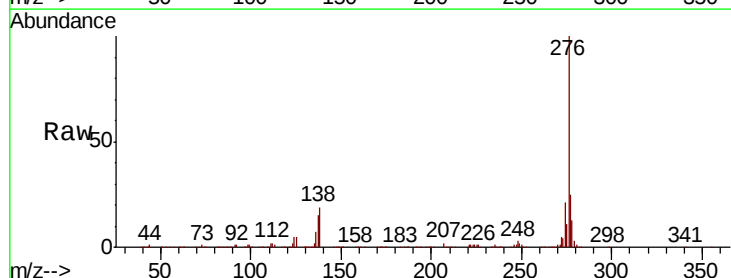
Tgt Ion:276 Resp: 1141259

Ion Ratio Lower Upper

276 100

138 15.8 18.8 28.2#

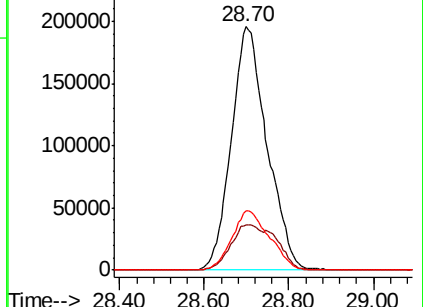
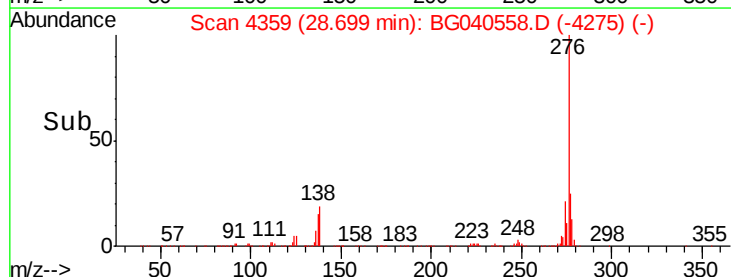
277 25.7 21.0 31.4

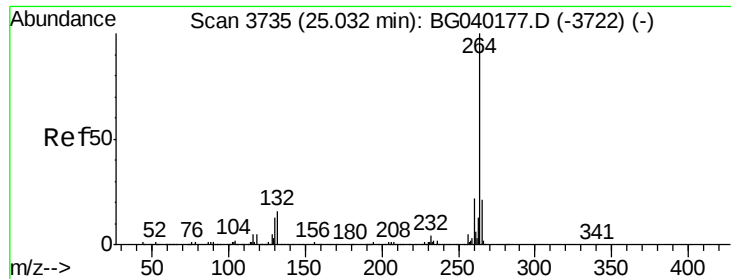


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.94 min Scan# 3720

Delta R.T. -0.03 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA_G

ClientSampleId :

PB119042BS

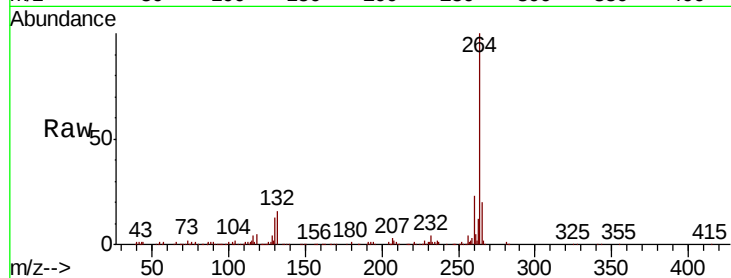
Tgt Ion:264 Resp: 352559

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

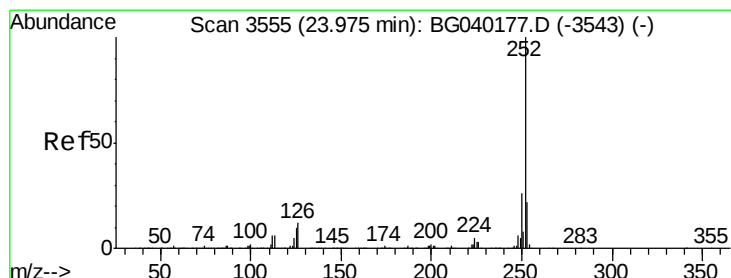
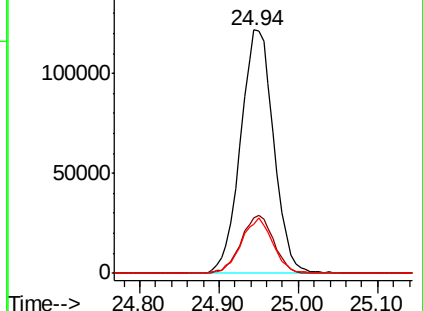
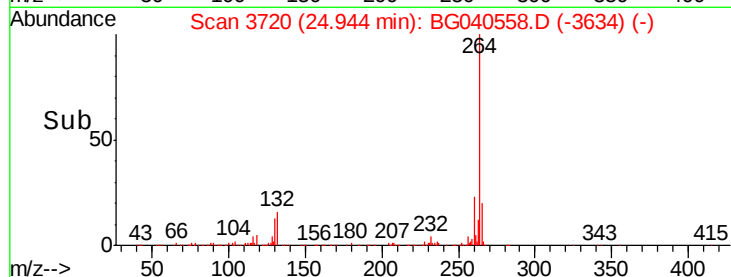
265 19.9 16.8 25.2



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: 46.273 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

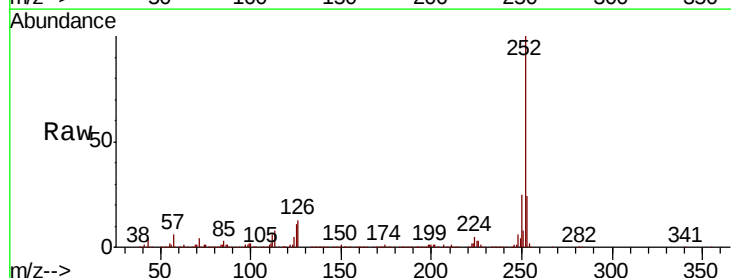
Tgt Ion:252 Resp: 998806

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

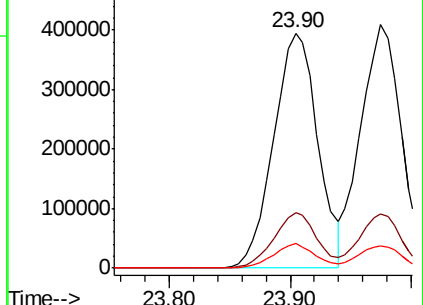
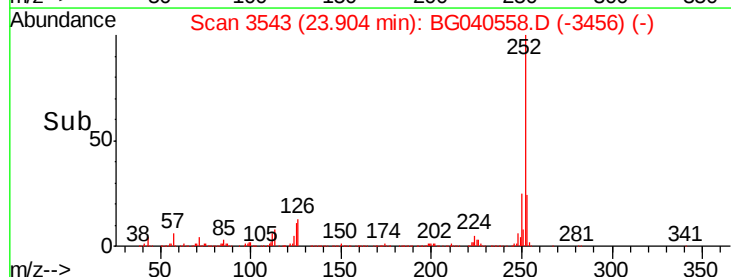
125 10.6 8.2 12.4

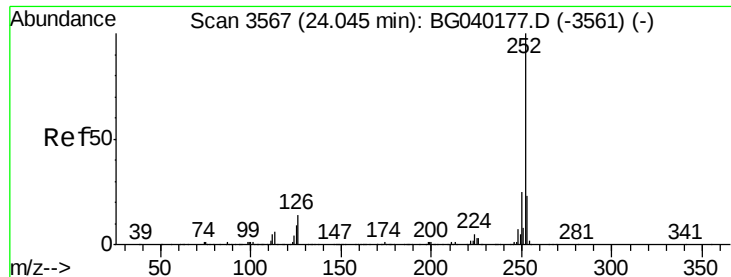


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

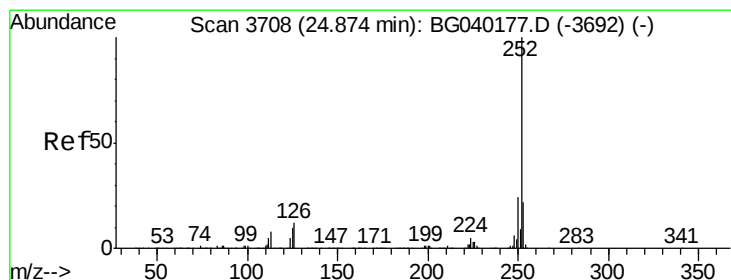
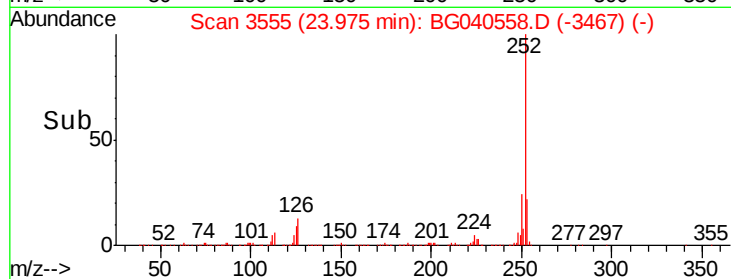
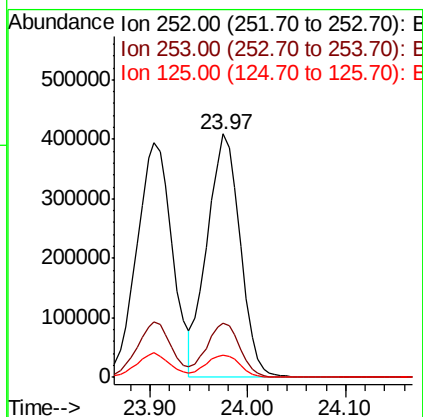
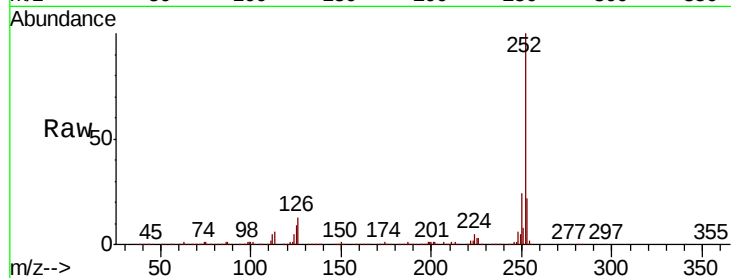




#89
Benzo(k)fluoranthene
Concen: 48.140 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

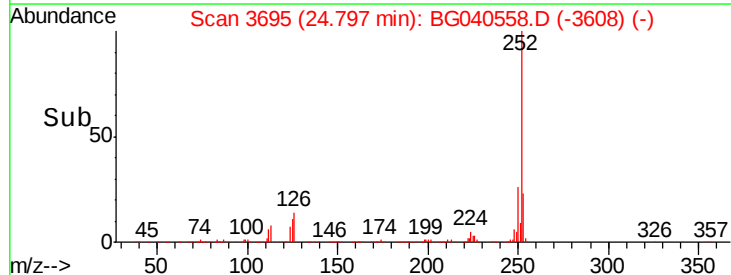
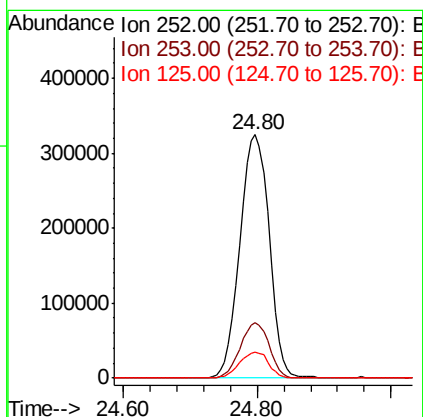
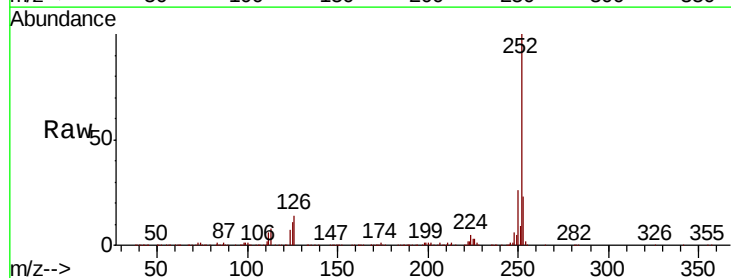
Instrument :
BNA_G
ClientSampleId :
PB119042BS

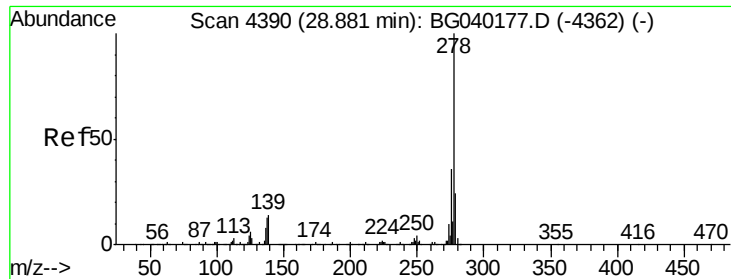
Tgt Ion: 252 Resp: 955566
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 9.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 48.519 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion: 252 Resp: 982630
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.6 8.3 12.5

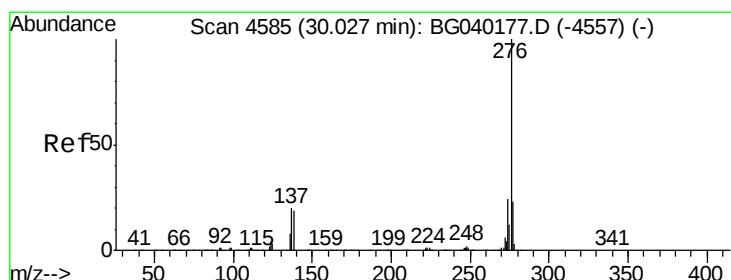
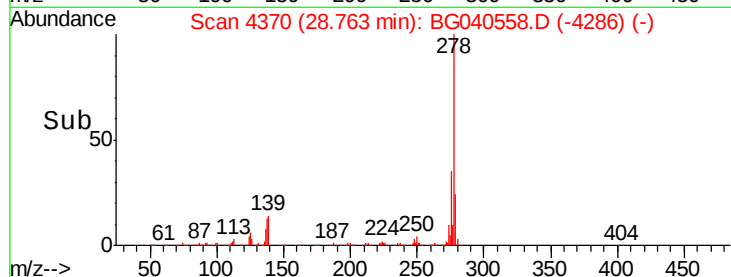
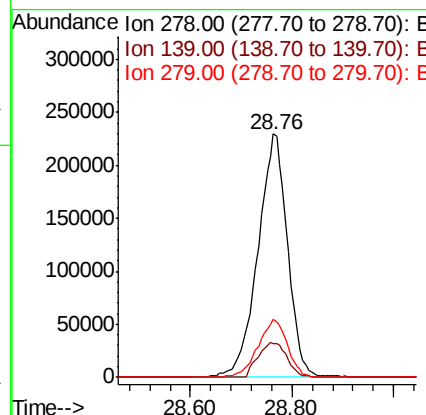
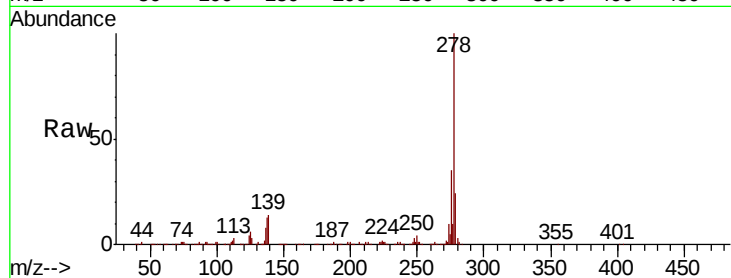




#91
Dibenzo(a,h)anthracene
Concen: 49.387 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.04 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Instrument :
BNA_G
ClientSampleId :
PB119042BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.2	16.8
279	23.7	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 49.703 ng
RT: 29.89 min Scan# 4561
Delta R.T. -0.02 min
Lab File: BG040558.D
Acq: 19 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	20.3	15.2	22.8

