

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040979.D
 Acq On : 31 May 2019 15:25
 Operator : HP/JU
 Sample : PB119288BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119288BS

Quant Time: Jun 01 05:13:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	20361	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	76316	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	55892	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	147786	20.00	ng	0.00
76) Chrysene-d12	21.77	240	157513	20.00	ng	-0.01
87) Perylene-d12	25.12	264	161277	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	201741	178.67	ng	0.00
7) Phenol-d6	7.26	99	282507	162.00	ng	0.00
23) Nitrobenzene-d5	9.30	82	169467	98.58	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	143504	172.95	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	383169	98.73	ng	-0.01
79) Terphenyl-d14	20.09	244	786532	105.98	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.51	88	47981	93.642	ng 93
3) Pyridine	3.92	79	126535	83.459	ng 94
4) n-Nitrosodimethylamine	3.84	42	67145	95.423	ng 93
6) Aniline	7.44	93	127557	54.800	ng 98
8) 2-Chlorophenol	7.68	128	128602	95.533	ng 95
9) Benzaldehyde	7.26	77	55358	53.215	ng 90
10) Phenol	7.29	94	173992	93.055	ng 98
11) bis(2-Chloroethyl)ether	7.54	93	118579	87.420	ng 97
12) 1,3-Dichlorobenzene	8.00	146	137980	85.819	ng 98
13) 1,4-Dichlorobenzene	8.15	146	138851	85.318	ng 94
14) 1,2-Dichlorobenzene	8.48	146	134445	85.082	ng 98
15) Benzyl Alcohol	8.35	79	140832	87.303	ng 94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	190020	85.731	ng 98
17) 2-Methylphenol	8.55	107	119068	87.951	ng 98
18) Hexachloroethane	9.21	117	55038	87.745	ng 97
19) n-Nitroso-di-n-propylamine	8.92	70	111765	83.283	ng 97
20) 3+4-Methylphenols	8.88	107	162976	86.908	ng 98
22) Acetophenone	8.95	105	208036	97.177	ng # 97
24) Nitrobenzene	9.34	77	169729	96.884	ng 99
25) Isophorone	9.85	82	314510	96.135	ng 98
26) 2-Nitrophenol	10.05	139	74578	103.263	ng 93
27) 2,4-Dimethylphenol	10.09	122	132732	111.279	ng 96
28) bis(2-Chloroethoxy)methane	10.33	93	166816	94.474	ng 98
29) 2,4-Dichlorophenol	10.58	162	145242	95.889	ng 98
30) 1,2,4-Trichlorobenzene	10.80	180	157446	91.374	ng 97
31) Naphthalene	10.99	128	391098	95.448	ng 100
32) Benzoic acid	10.21	122	68263	69.265	ng 92
33) 4-Chloroaniline	11.10	127	99234	52.196	ng 98
34) Hexachlorobutadiene	11.26	225	117915	89.436	ng 98
35) Caprolactam	11.88	113	47235	94.434	ng 98
36) 4-Chloro-3-methylphenol	12.20	107	166405	96.195	ng 99
37) 2-Methylnaphthalene	12.59	142	301137	95.423	ng 99
38) 1-Methylnaphthalene	12.81	142	283273	95.255	ng 95
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	216897	96.281	ng 98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	282468	217.483	nq	95
43) 2,4,6-Trichlorophenol	13.18	196	144124	98.896	nq	97
44) 2,4,5-Trichlorophenol	13.26	196	150426	97.873	nq	97
46) 1,1'-Biphenyl	13.59	154	401977	97.161	nq	98
47) 2-Chloronaphthalene	13.64	162	331156	93.237	nq	99
48) 2-Nitroaniline	13.84	65	123124	96.630	nq	100
49) Acenaphthylene	14.48	152	518709	97.035	nq	98
50) Dimethylphthalate	14.20	163	452035	95.542	nq	98
51) 2,6-Dinitrotoluene	14.33	165	99248	97.292	nq	96
52) Acenaphthene	14.82	154	309220	95.487	nq	98
53) 3-Nitroaniline	14.66	138	67532	66.203	nq	94
54) 2,4-Dinitrophenol	14.86	184	81471	124.512	nq	95
55) Dibenzofuran	15.15	168	533181	97.850	nq	99
56) 4-Nitrophenol	14.95	139	160036	228.729	nq	93
57) 2,4-Dinitrotoluene	15.11	165	145004	100.629	nq	96
58) Fluorene	15.80	166	421251	97.074	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	159850	105.830	nq	100
60) Diethylphthalate	15.55	149	468152	96.958	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	270604	95.939	nq	97
62) 4-Nitroaniline	15.82	138	105399	97.598	nq	95
63) Azobenzene	16.08	77	435424	99.220	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	74039	85.352	nq	98
66) n-Nitrosodiphenylamine	16.00	169	396414	95.419	nq	97
67) 4-Bromophenyl-phenylether	16.68	248	177268	88.882	nq	96
68) Hexachlorobenzene	16.79	284	184490	86.870	nq	99
69) Atrazine	16.94	200	174884	109.097	nq	98
70) Pentachlorophenol	17.13	266	216371	184.322	nq	96
71) Phenanthrene	17.54	178	764772	99.348	nq	99
72) Anthracene	17.63	178	775136	102.096	nq	100
73) Carbazole	17.90	167	686155	105.328	nq	97
74) Di-n-butylphthalate	18.44	149	806205	99.572	nq	99
75) Fluoranthene	19.54	202	1012213	106.456	nq	100
77) Benzidine	19.72	184	343197	91.336	nq	97
78) Pyrene	19.91	202	1006968	98.343	nq	99
80) Butylbenzylphthalate	20.77	149	383073	96.135	nq	99
81) Benzo(a)anthracene	21.76	228	980435	93.508	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	230867	62.602	nq	94
83) Chrysene	21.83	228	967209	96.395	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	520687	92.824	nq	98
85) Di-n-octyl phthalate	22.87	149	877248	93.903	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1148243	93.420	nq	# 58
88) Benzo(b)fluoranthene	24.05	252	989475	101.153	nq	100
89) Benzo(k)fluoranthene	24.12	252	974616	100.684	nq	99
90) Benzo(a)pyrene	24.96	252	969373	103.868	nq	97
91) Dibenzo(a,h)anthracene	29.02	278	941583	100.970	nq	100
92) Benzo(g,h,i)perylene	30.16	276	958510	105.798	nq	99

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

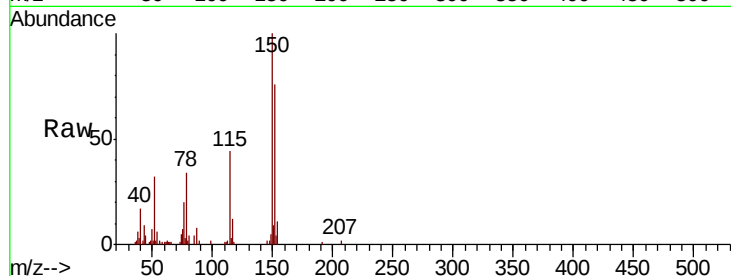


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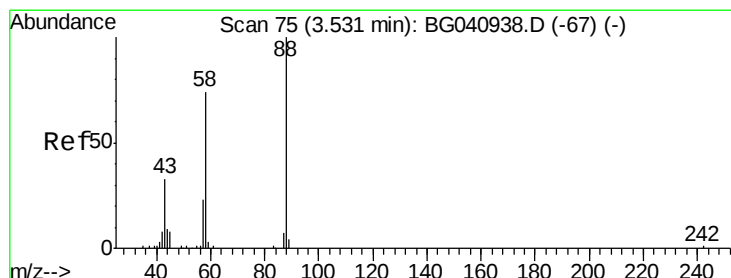
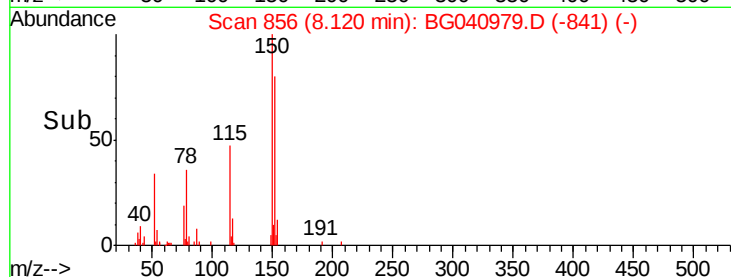
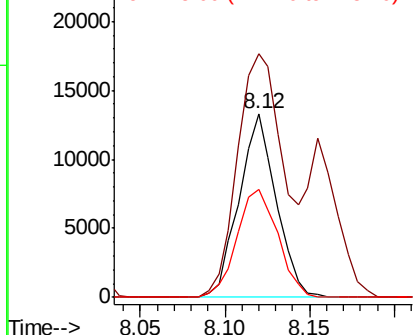
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion:152 Resp: 20361
Ion Ratio Lower Upper
152 100
150 132.3 120.6 180.8
115 58.8 45.1 67.7



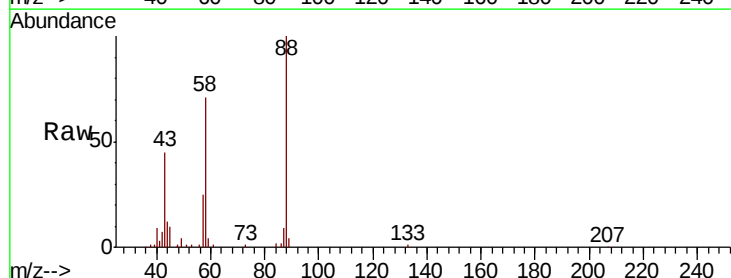
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



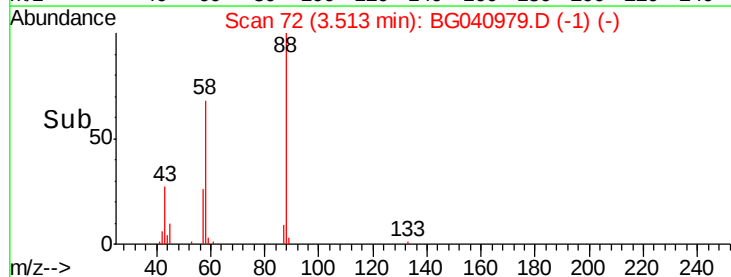
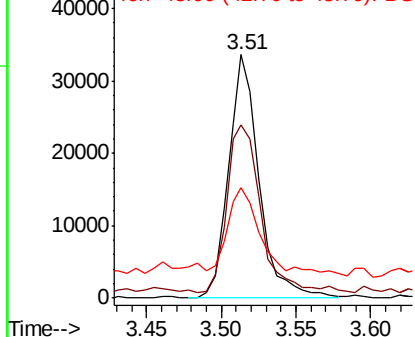
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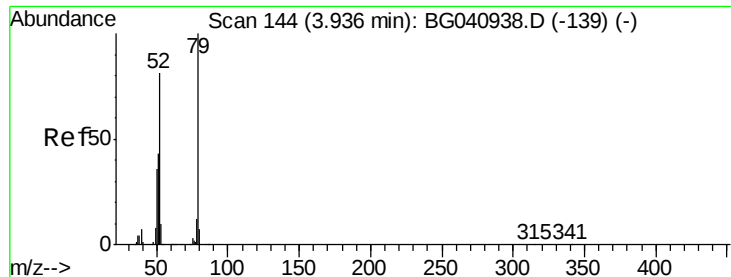
1,4-Dioxane
Concen: 93.642 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion: 88 Resp: 47981
Ion Ratio Lower Upper
88 100
58 77.9 59.0 88.6
43 40.2 27.2 40.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 83.459 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

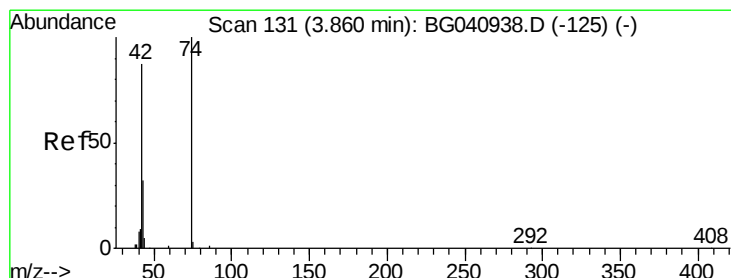
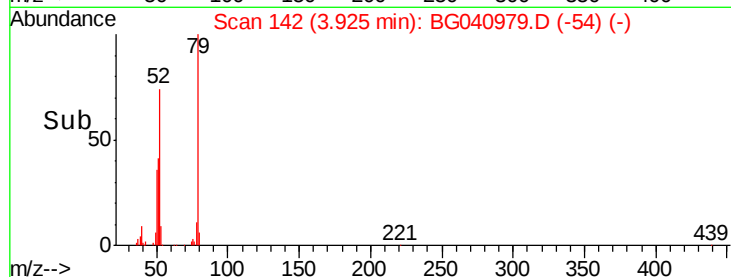
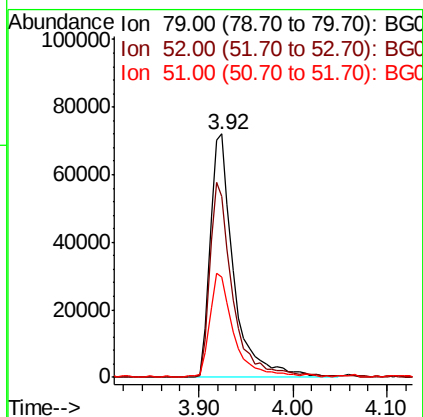
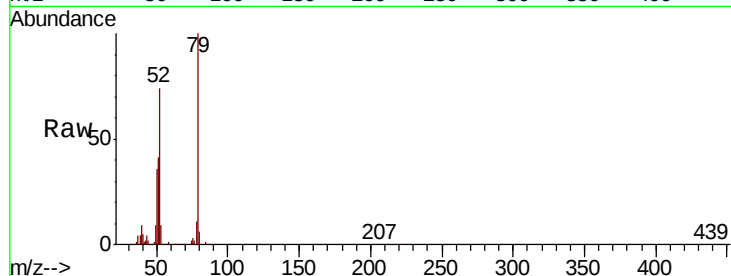
Tot Ion: 79 Resp: 126535

Ion Ratio Lower Upper

79 100

52 74.2 64.8 97.2

51 41.4 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 95.423 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

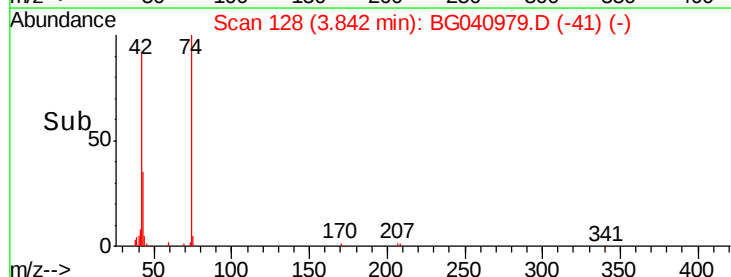
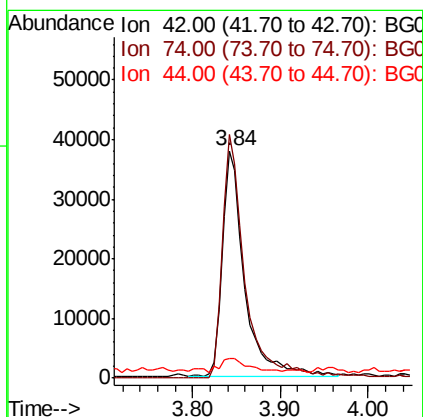
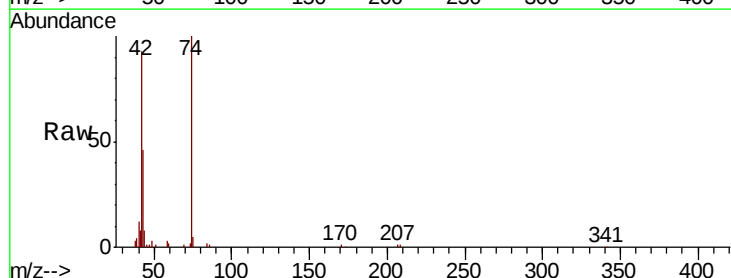
Tgt Ion: 42 Resp: 67145

Ion Ratio Lower Upper

42 100

74 107.0 91.8 137.6

44 8.6 6.0 9.0





#5

2-Fluorophenol

Concen: 178.666 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

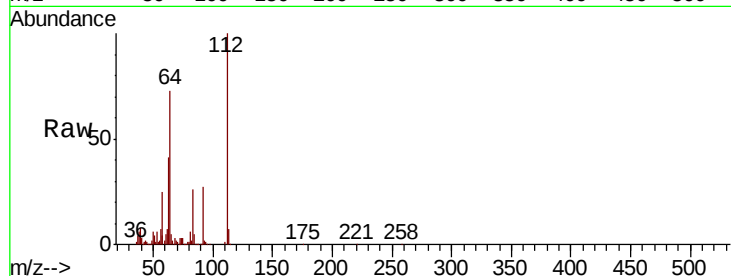
Tot Ion:112 Resp: 201741

Ion Ratio Lower Upper

112 100

64 72.9 56.2 84.2

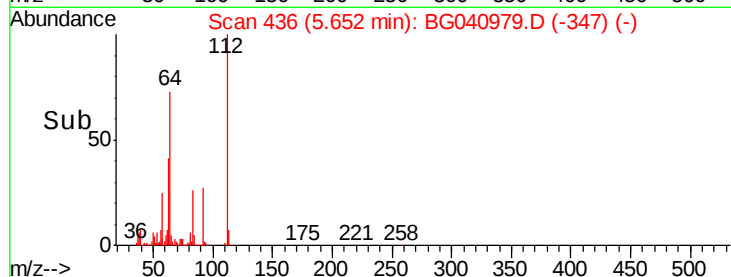
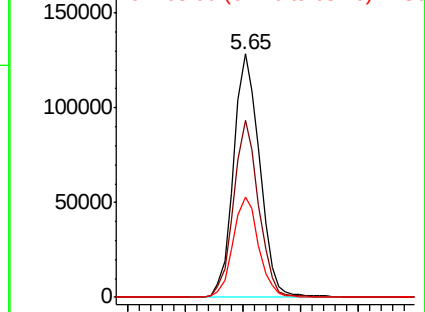
63 41.4 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 54.800 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

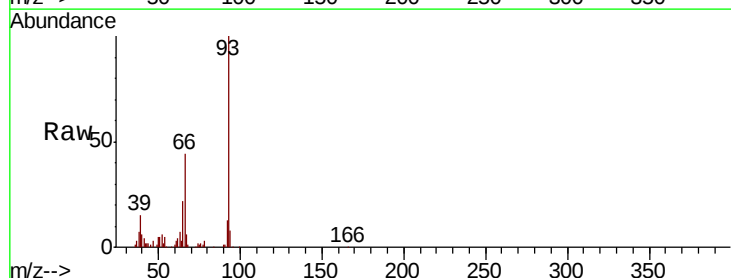
Tgt Ion: 93 Resp: 127557

Ion Ratio Lower Upper

93 100

66 43.6 33.8 50.8

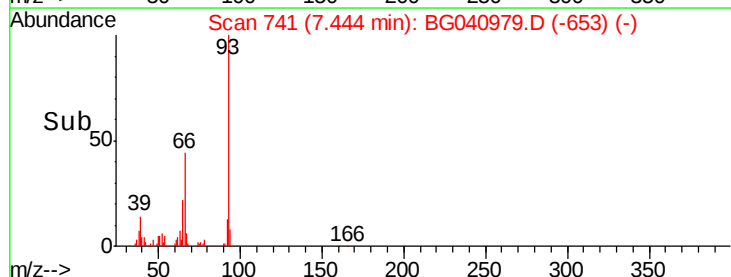
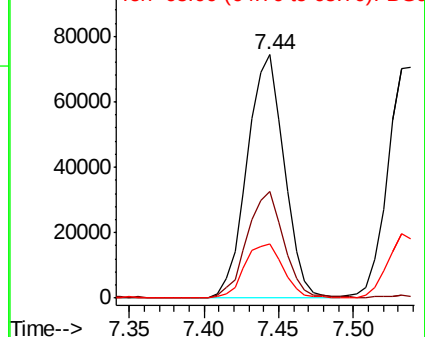
65 22.2 18.3 27.5

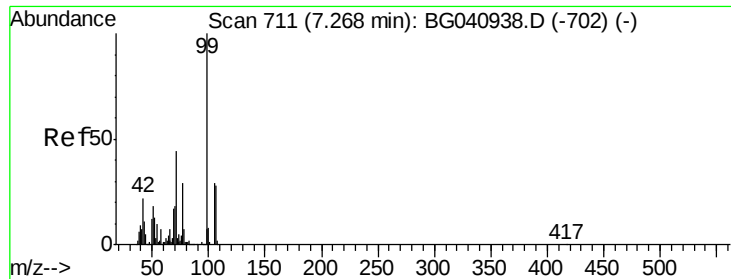


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 162.001 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

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ClientSampleId :

PB119288BS

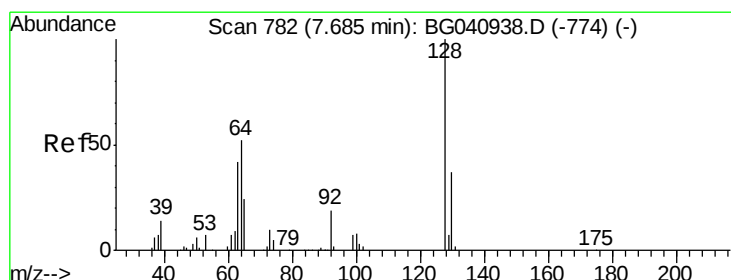
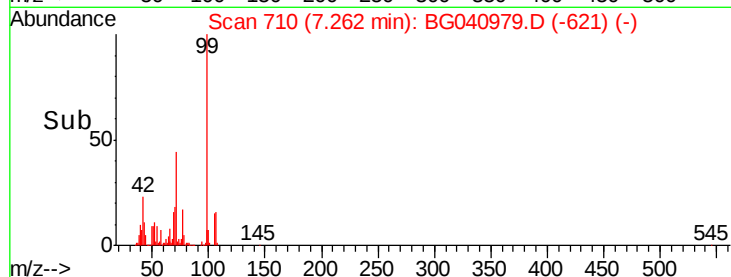
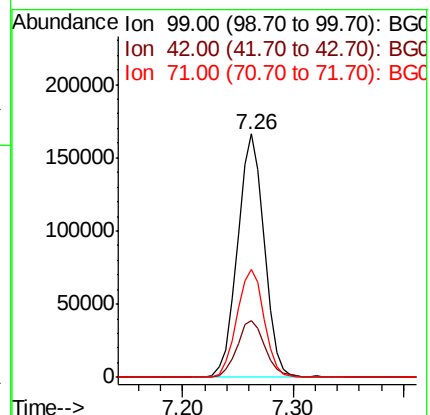
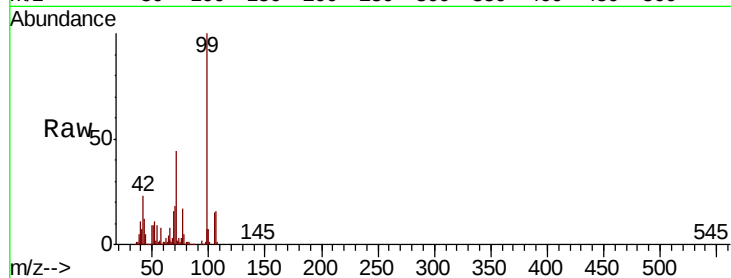
Tot Ion: 99 Resp: 282507

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

71 44.5 35.4 53.0



#8

2-Chlorophenol

Concen: 95.533 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

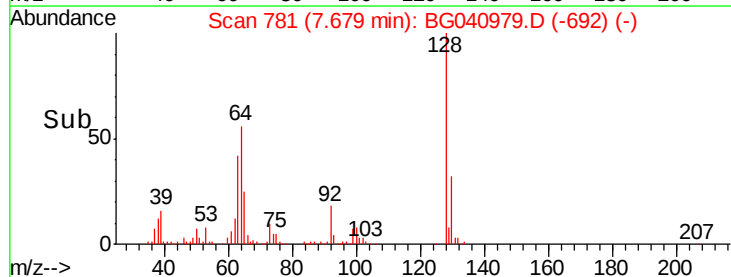
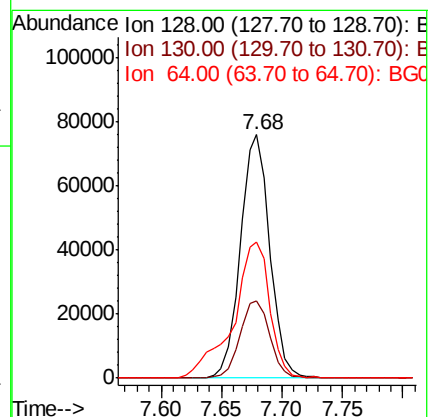
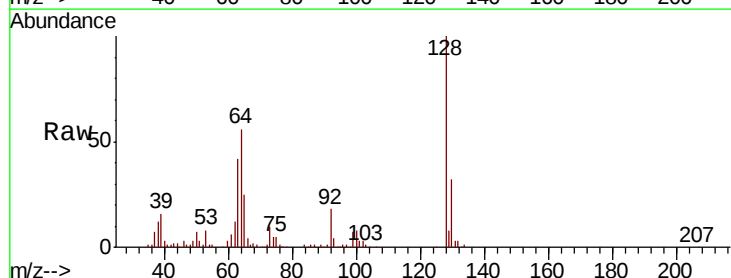
Tgt Ion: 128 Resp: 128602

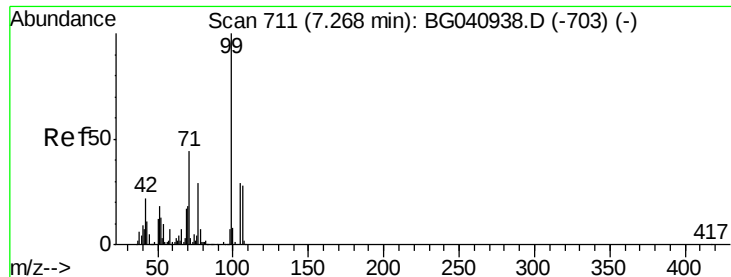
Ion Ratio Lower Upper

128 100

130 31.8 16.6 56.6

64 55.9 37.8 77.8





#9

Benzaldehyde

Concen: 53.215 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

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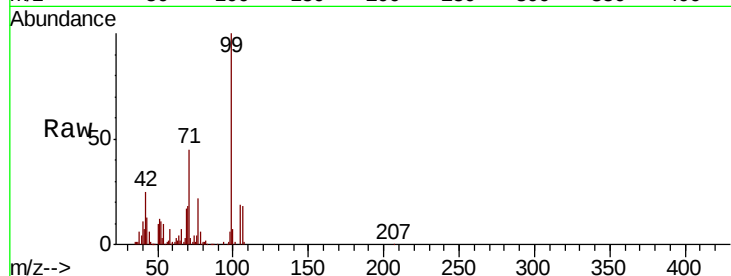
Tot Ion: 77 Resp: 55358

Ion Ratio Lower Upper

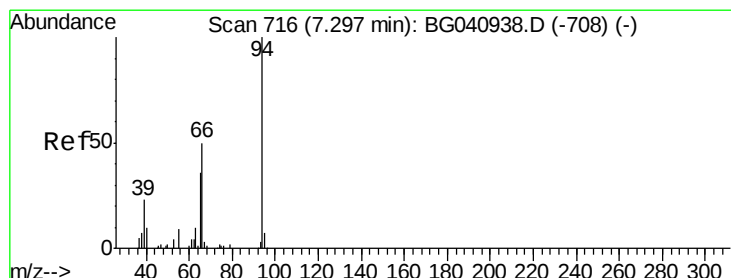
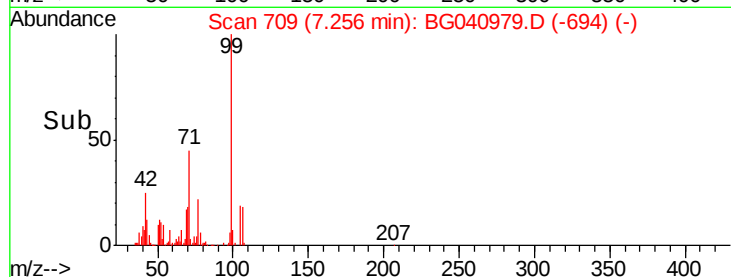
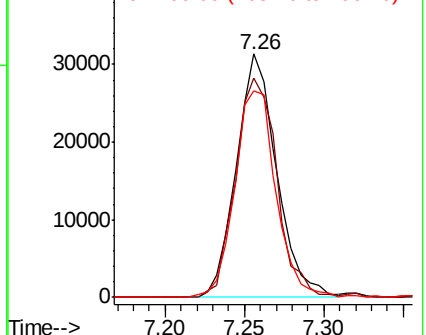
77 100

105 90.0 78.9 118.9

106 85.0 76.7 116.7



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: 93.055 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

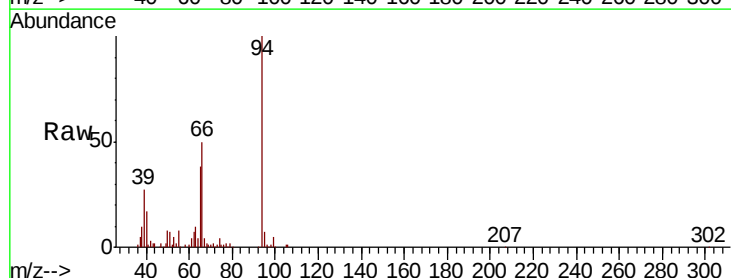
Tgt Ion: 94 Resp: 173992

Ion Ratio Lower Upper

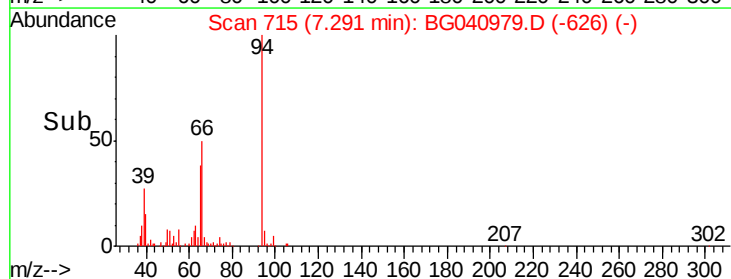
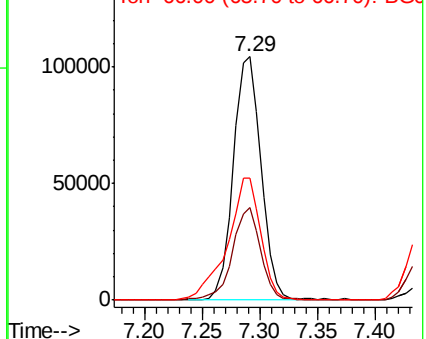
94 100

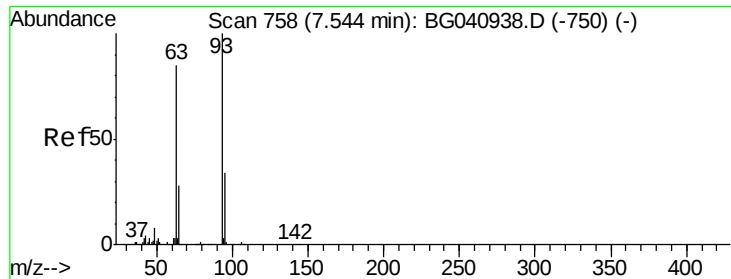
65 37.8 17.0 57.0

66 50.3 32.4 72.4



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

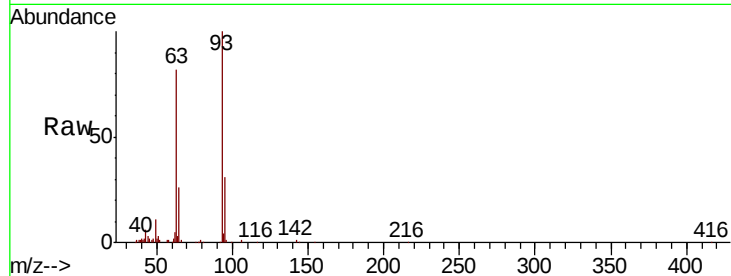




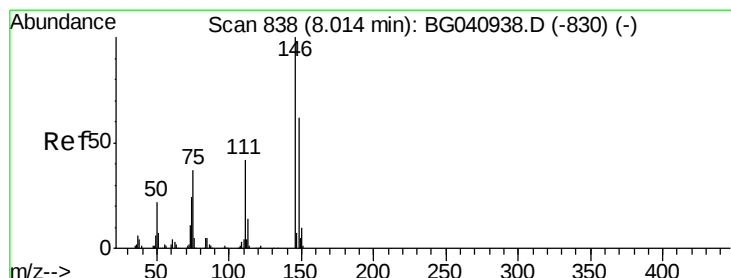
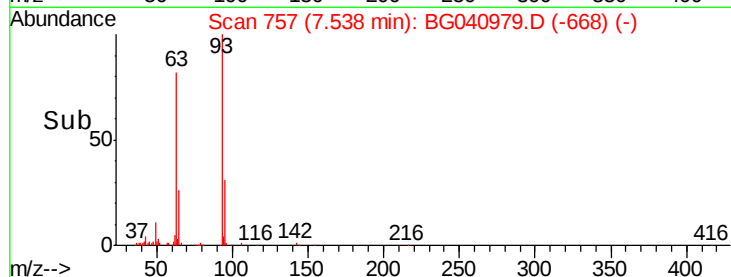
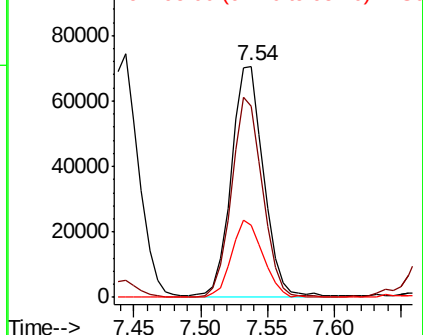
#11
bis(2-Chloroethyl)ether
Concen: 87.420 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion: 93 Resp: 118579
Ion Ratio Lower Upper
93 100
63 82.5 64.5 104.5
95 31.2 13.3 53.3

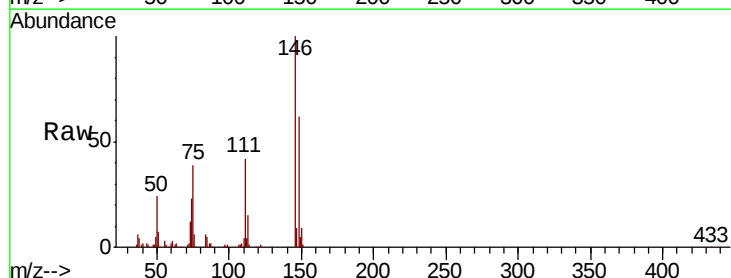


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

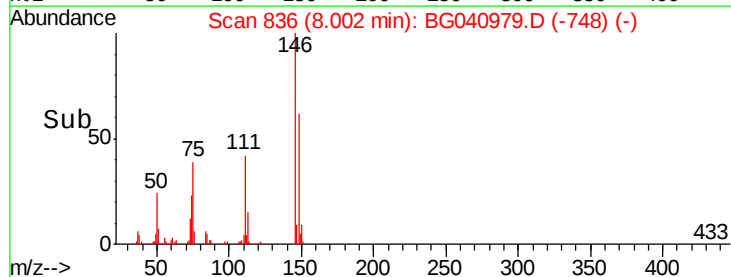
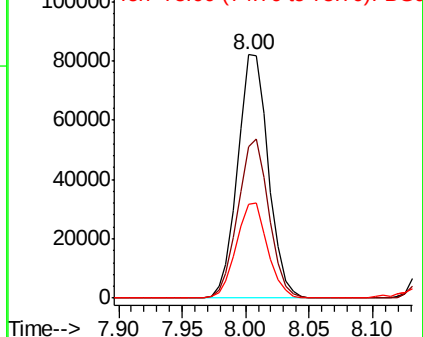


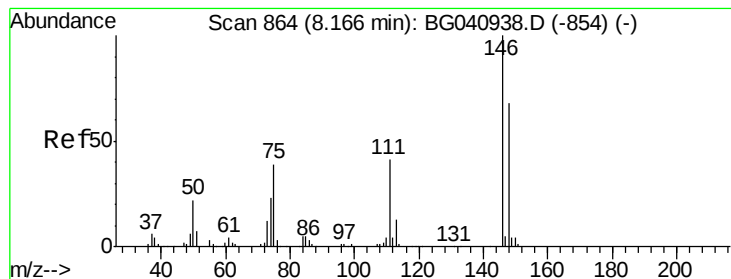
#12
1,3-Dichlorobenzene
Concen: 85.819 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion: 146 Resp: 137980
Ion Ratio Lower Upper
146 100
148 62.3 49.2 73.8
75 38.7 29.4 44.0



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





#13

1,4-Dichlorobenzene

Concen: 85.318 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

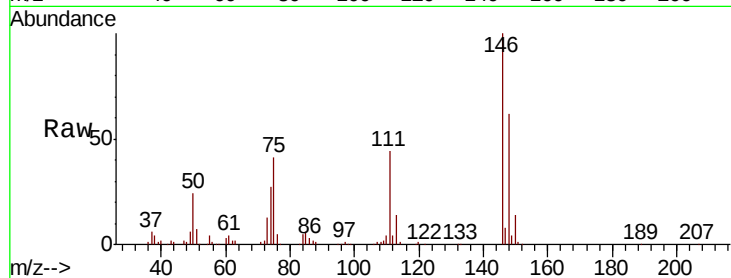
Tot Ion:146 Resp: 138851

Ion Ratio Lower Upper

146 100

148 61.9 54.2 81.4

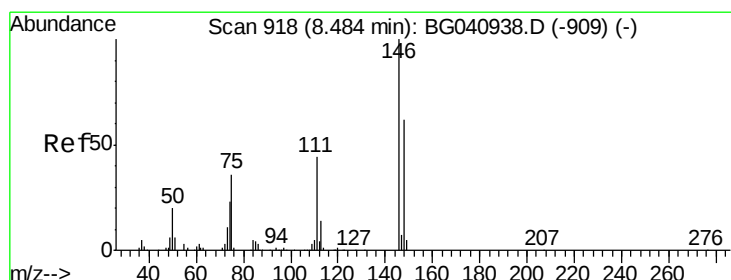
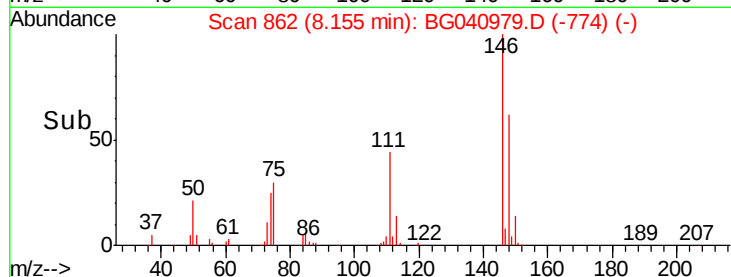
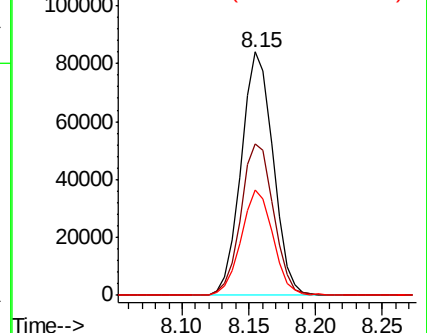
111 43.5 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 85.082 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

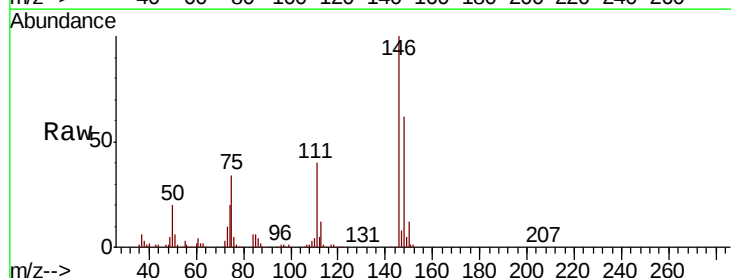
Tgt Ion:146 Resp: 134445

Ion Ratio Lower Upper

146 100

148 62.0 49.8 74.6

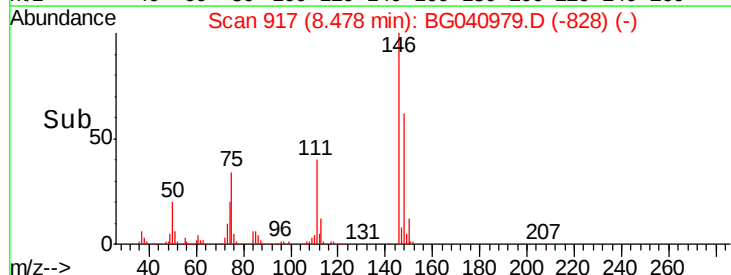
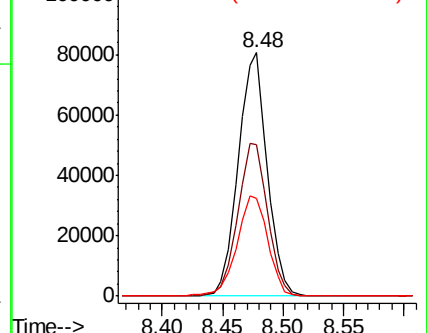
111 40.1 35.0 52.4

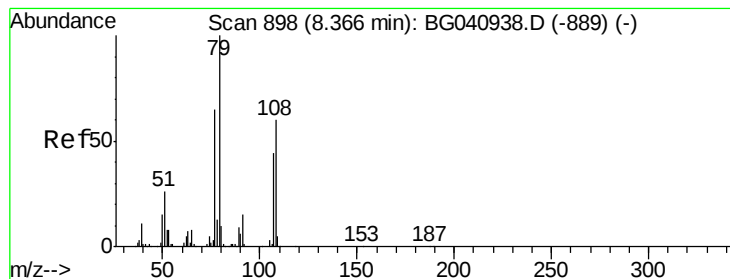


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 87.303 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

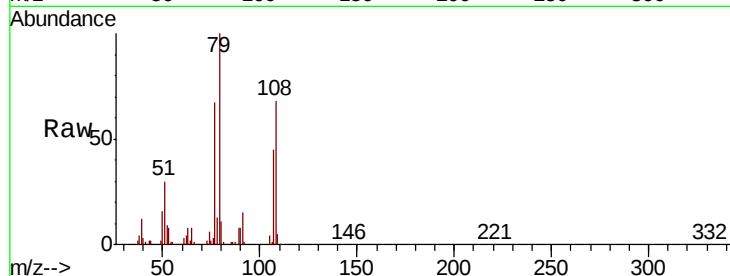
Tot Ion: 79 Resp: 140832

Ion Ratio Lower Upper

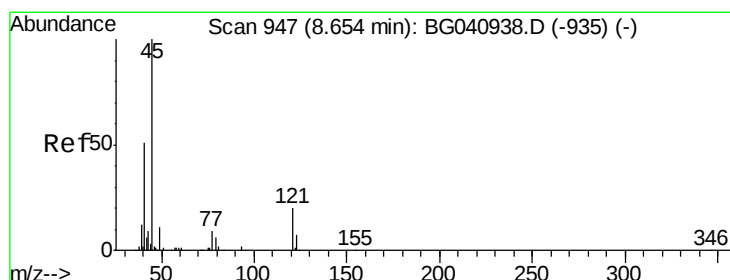
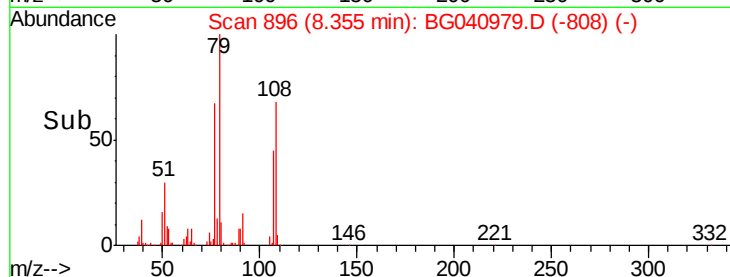
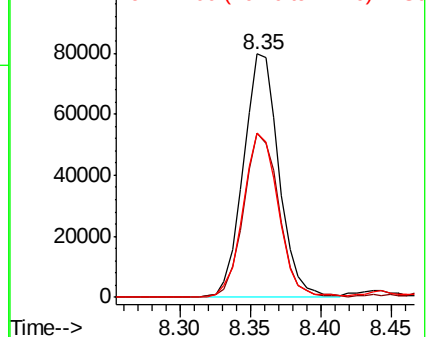
79 100

108 67.5 48.3 72.5

77 67.4 52.3 78.5



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: 85.731 ng

RT: 8.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

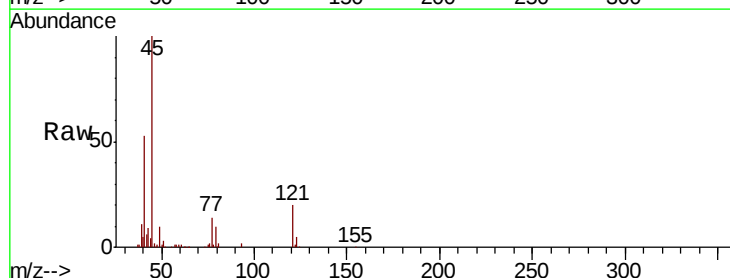
Tgt Ion: 45 Resp: 190020

Ion Ratio Lower Upper

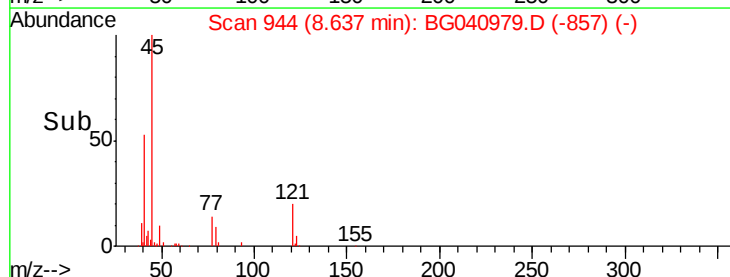
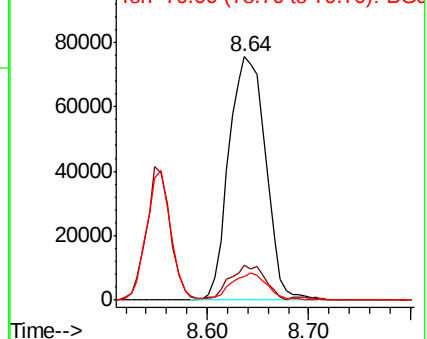
45 100

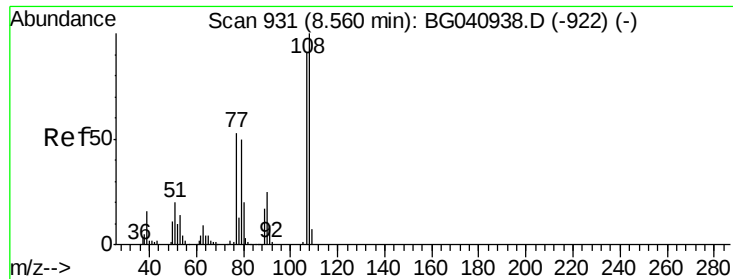
77 14.4 0.0 33.7

79 9.7 0.0 30.2



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

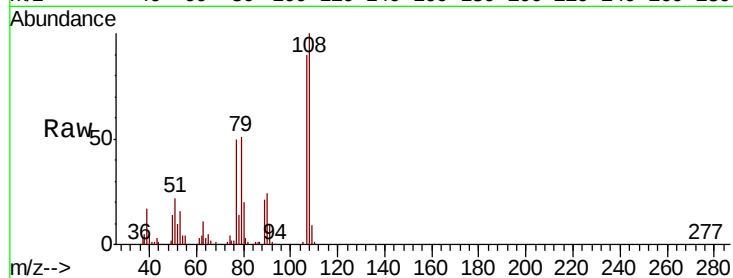




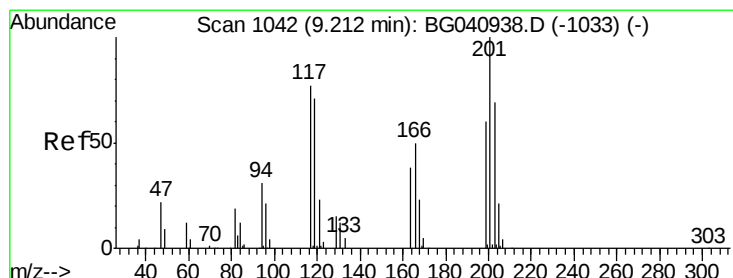
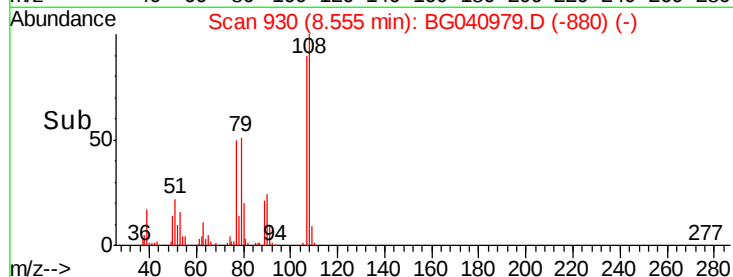
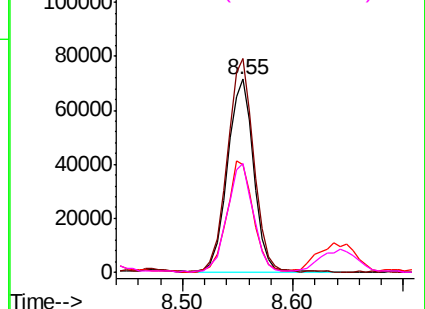
#17
2-Methylphenol
Concen: 87.951 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion:	107	Resp:	119068
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.7	131.5
77	55.4	46.6	70.0
79	56.4	44.6	66.8

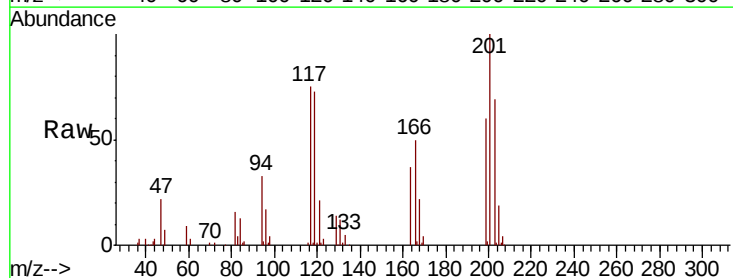


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

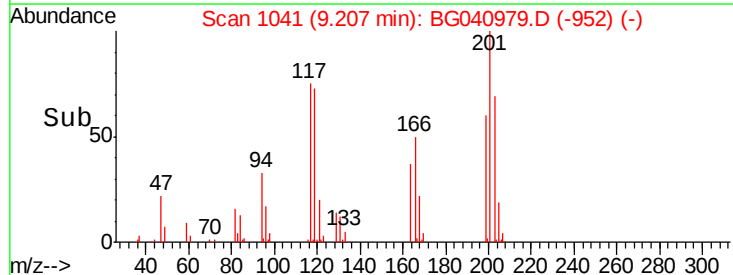
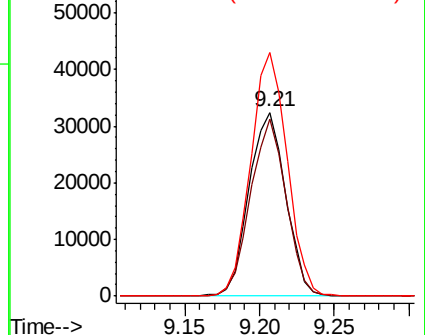


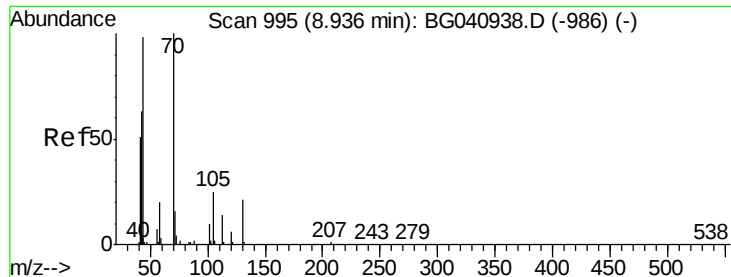
#18
Hexachloroethane
Concen: 87.745 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion:	117	Resp:	55038
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.6
201	132.7	103.5	155.3



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: 83.283 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

Tot Ion: 70 Resp: 111765

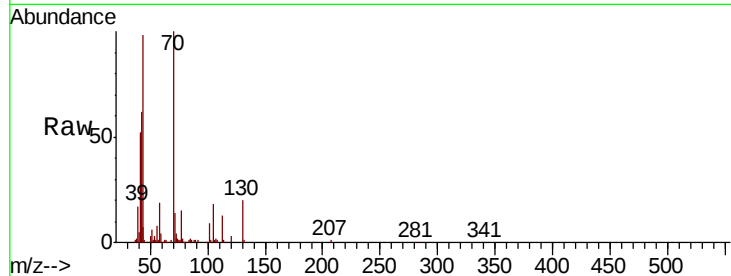
Ion Ratio Lower Upper

70 100

42 62.1 51.5 77.3

101 8.9 8.1 12.1

130 20.1 16.6 24.8

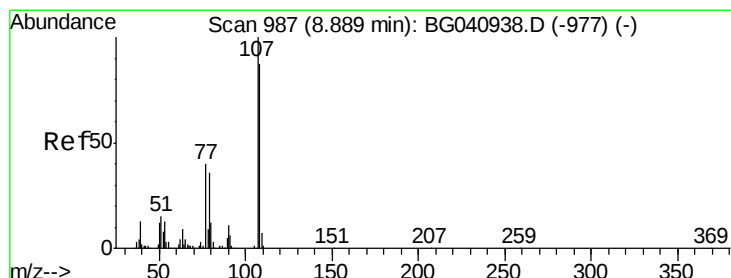
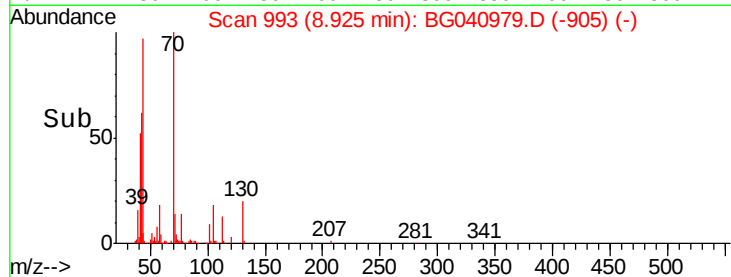
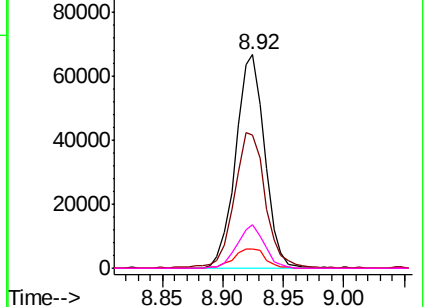


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 86.908 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Tgt Ion: 107 Resp: 162976

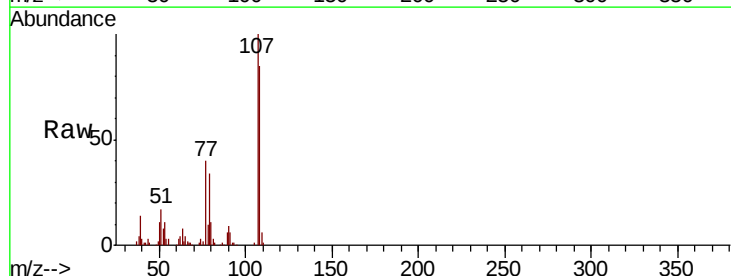
Ion Ratio Lower Upper

107 100

108 85.4 66.8 106.8

77 40.1 20.5 60.5

79 33.9 15.8 55.8

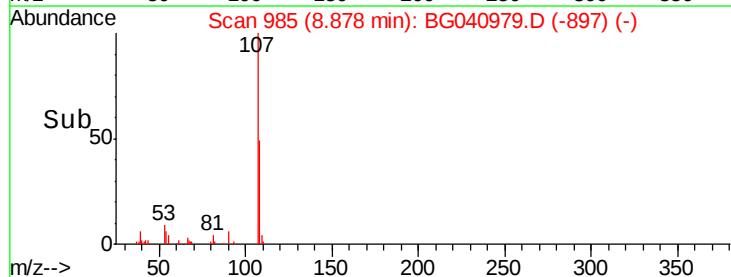
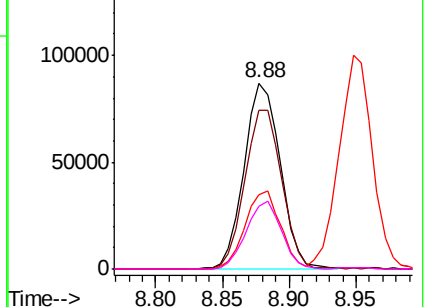


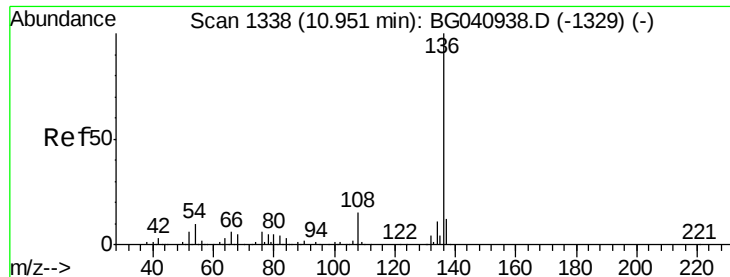
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

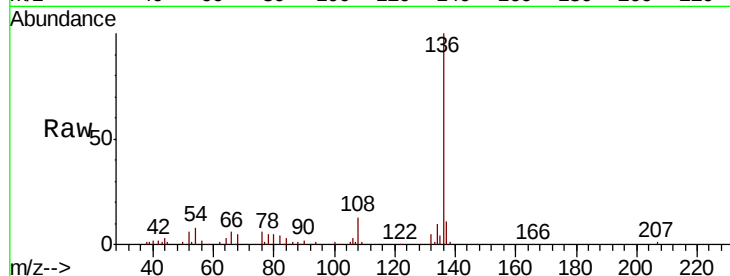




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion:136	Resp:	76316
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.5 14.3
54	8.1	7.6 11.4
68	4.9	3.9 5.9



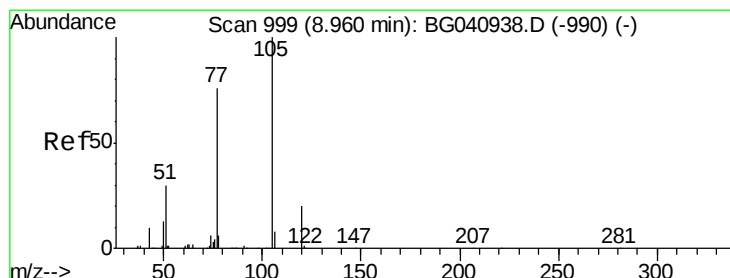
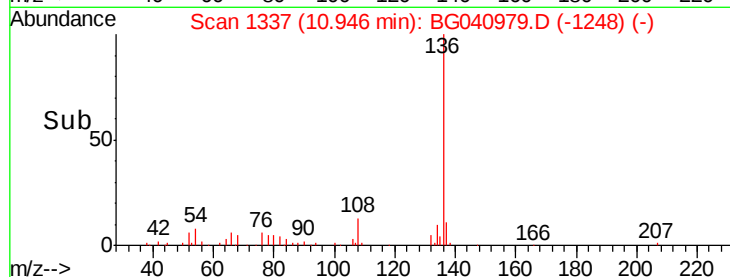
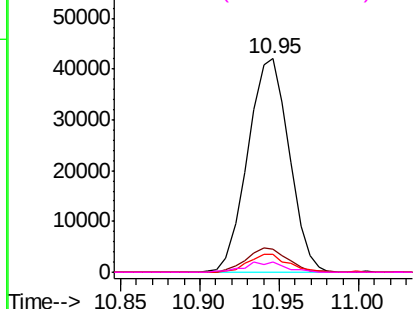
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

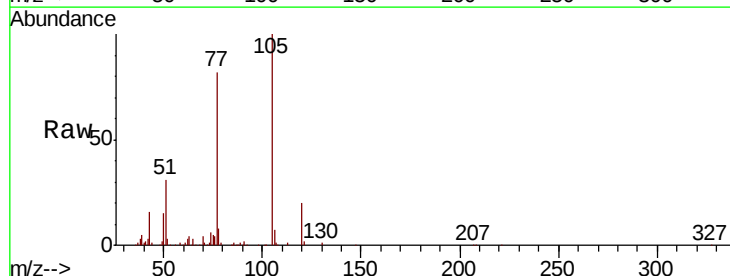
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 97.177 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion:105	Resp:	208036
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.4 0.6#
51	31.3	27.0 40.6
120	20.2	16.2 24.4



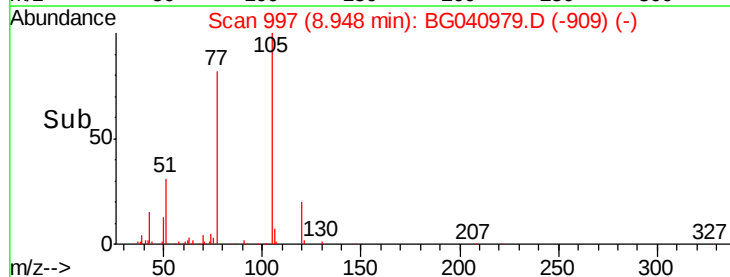
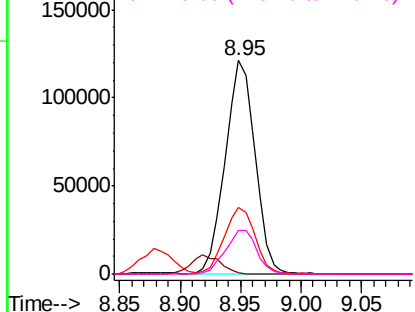
Abundance

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

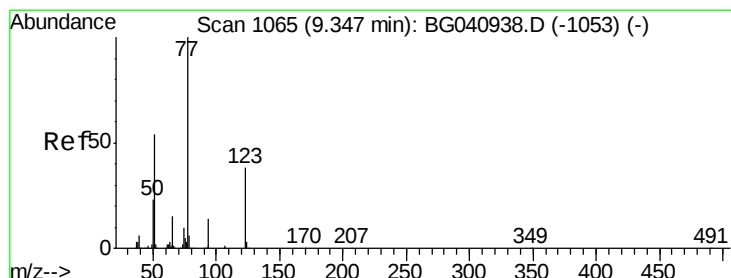
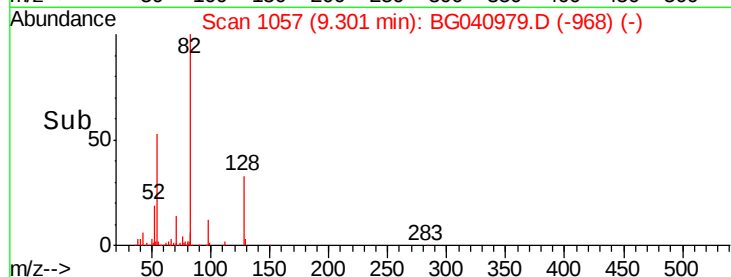
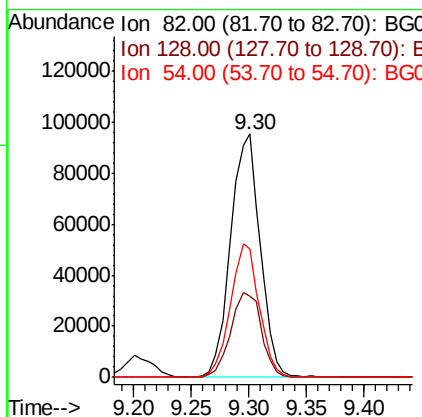
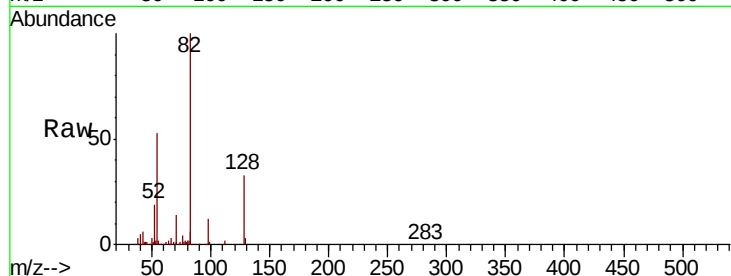




#23
 Nitrobenzene-d5
 Concen: 98.580 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

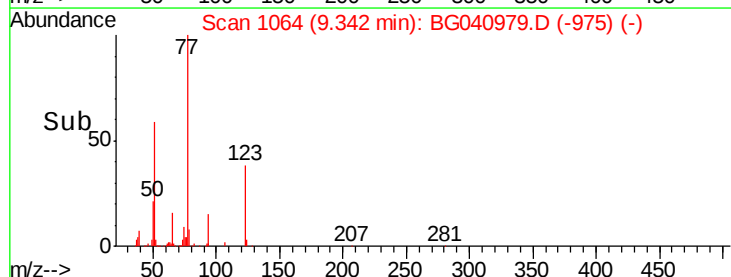
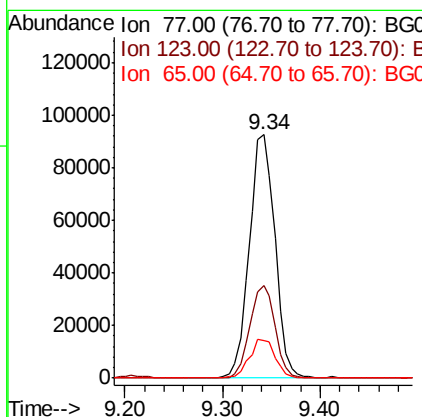
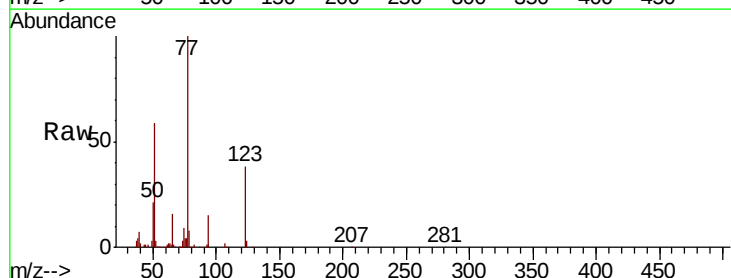
Instrument :
 BNA_G
 ClientSampleId :
 PB119288BS

Tot Ion	82	Resp	169467
Ion Ratio	Lower	Upper	
82	100		
128	33.4	30.5	45.7
54	52.8	44.6	66.8



#24
 Nitrobenzene
 Concen: 96.884 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

Tgt Ion	77	Resp	169729
Ion Ratio	Lower	Upper	
77	100		
123	37.9	30.6	46.0
65	15.5	12.3	18.5





#25

Isophorone

Concen: 96.135 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

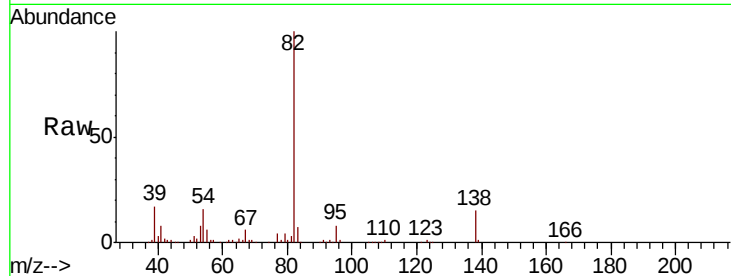
Tot Ion: 82 Resp: 314510

Ion Ratio Lower Upper

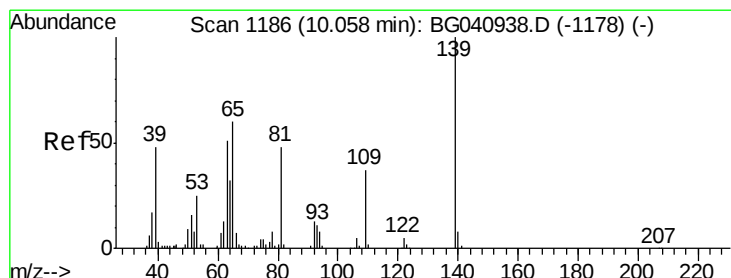
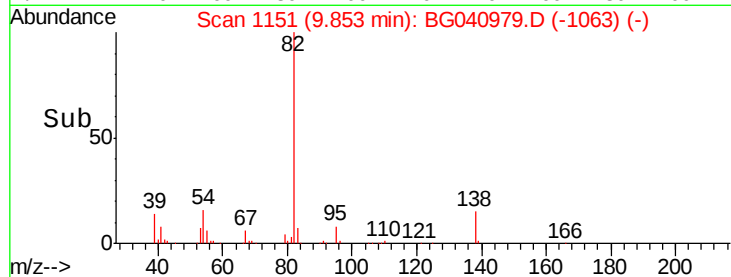
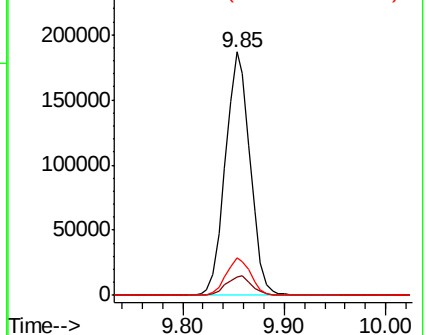
82 100

95 7.8 7.0 10.4

138 15.3 12.6 19.0



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



#26

2-Nitrophenol

Concen: 103.263 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

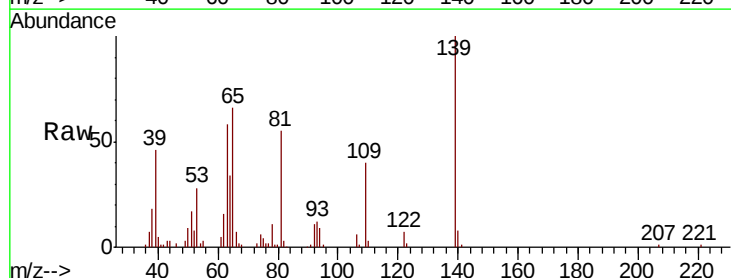
Tgt Ion: 139 Resp: 74578

Ion Ratio Lower Upper

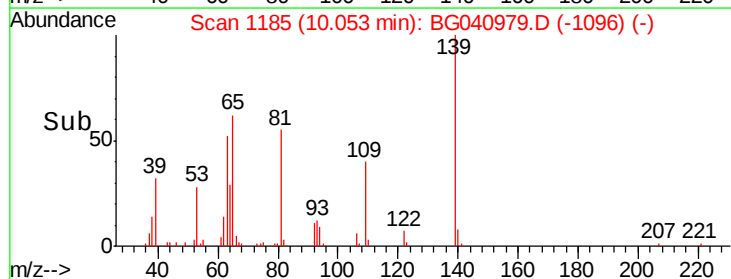
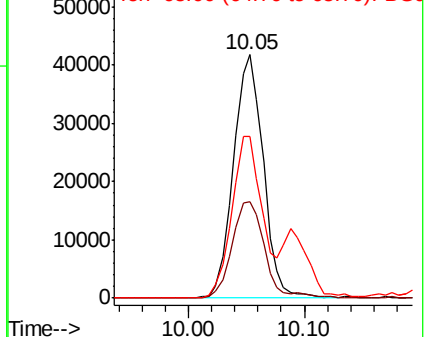
139 100

109 39.8 29.8 44.6

65 66.4 47.8 71.6



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

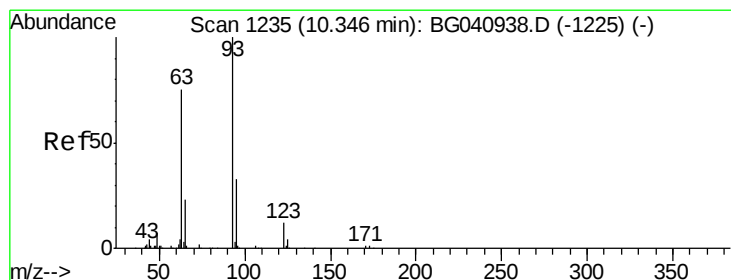
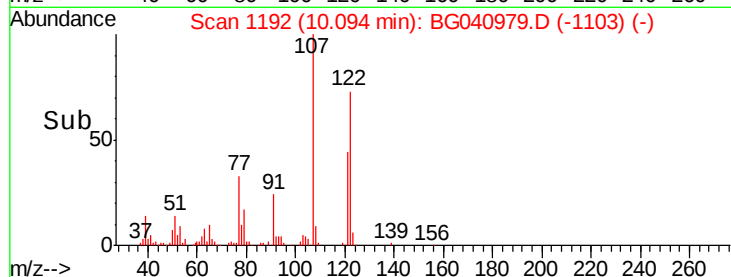
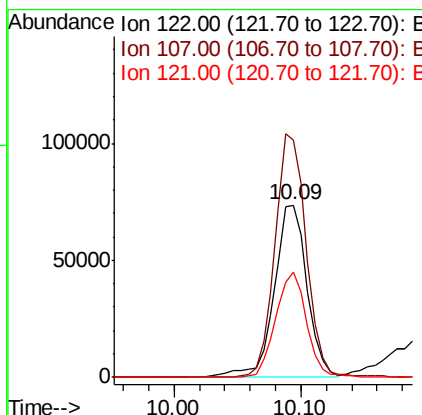
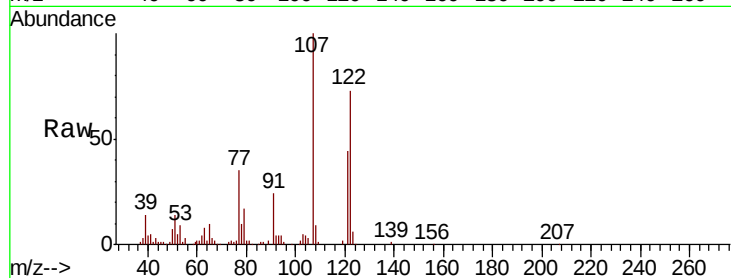




#27
 2,4-Dimethylphenol
 Concen: 111.279 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

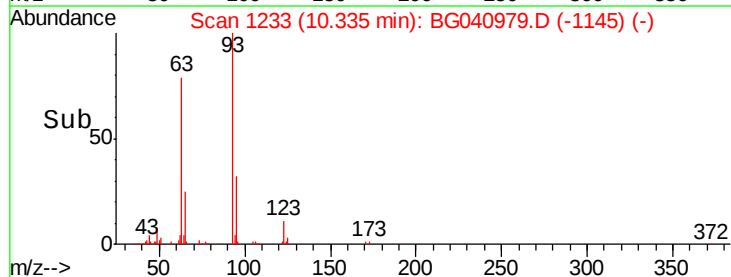
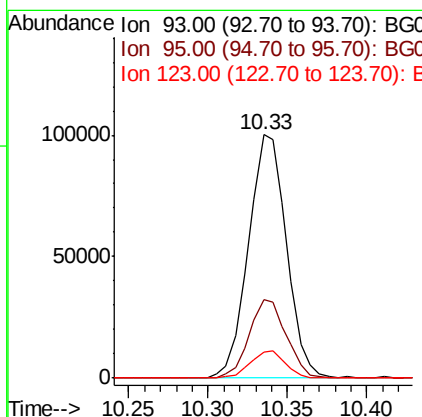
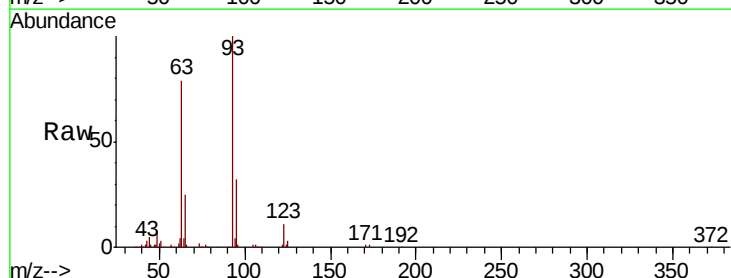
Instrument :
 BNA_G
 ClientSampleId :
 PB119288BS

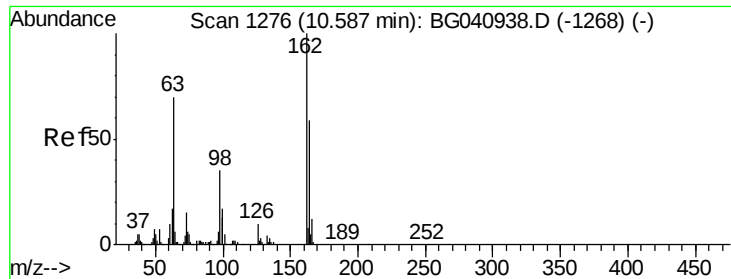
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.6	105.9	158.9
121	60.9	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 94.474 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.2
123	10.7	9.5	14.3

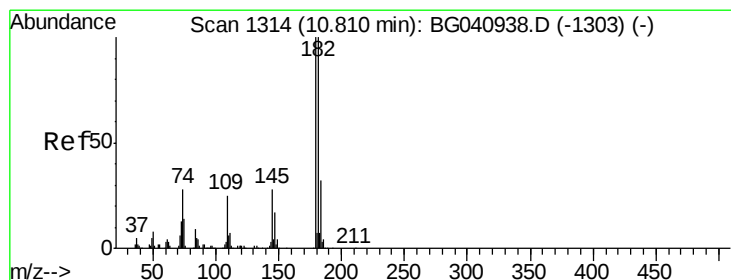
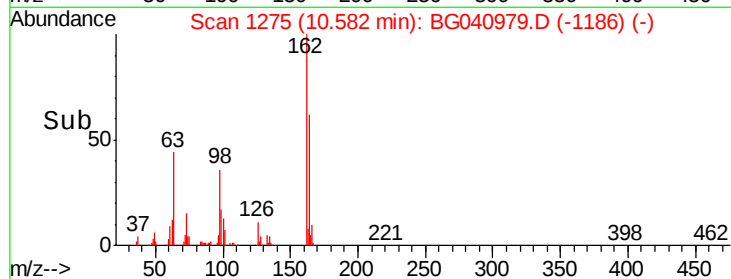
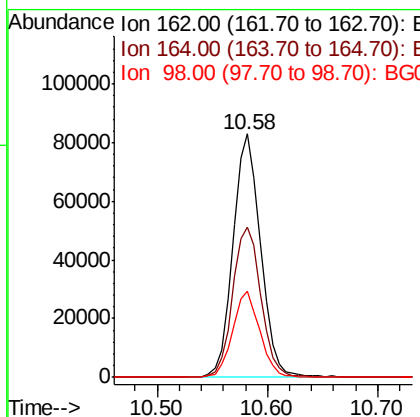
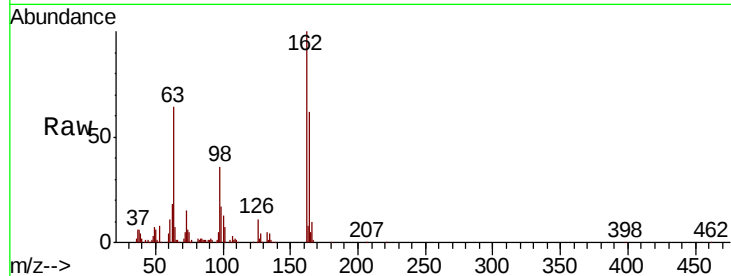




#29
 2,4-Dichlorophenol
 Concen: 95.889 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

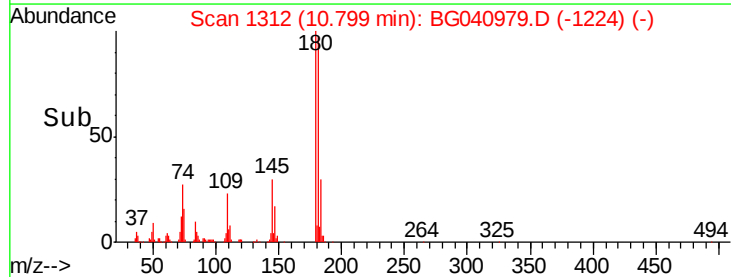
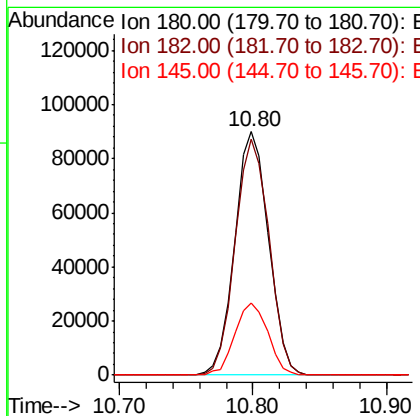
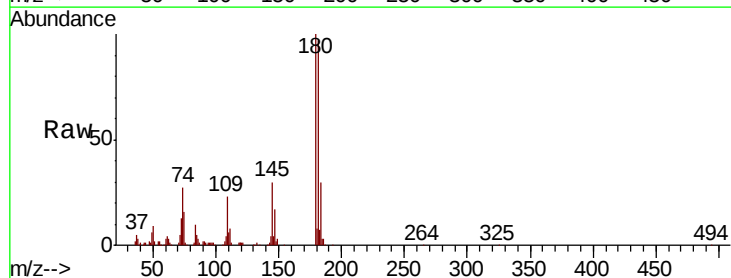
Instrument :
 BNA_G
 ClientSampleID :
 PB119288BS

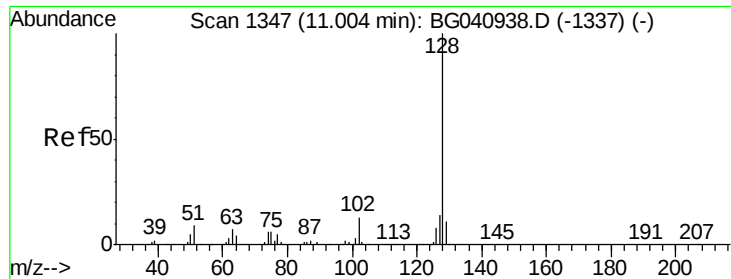
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	39.4	79.4
98	35.6	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 91.374 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	79.7	119.5
145	29.9	22.6	34.0

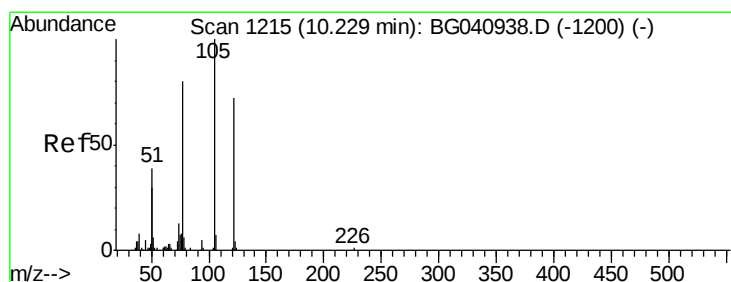
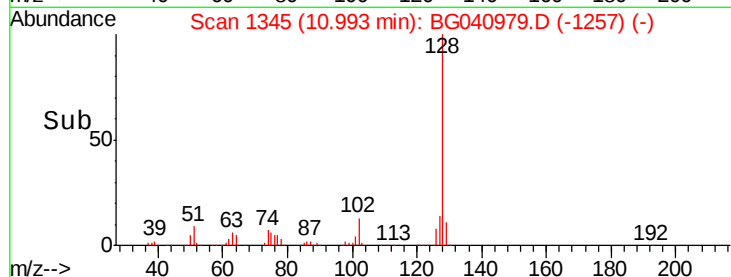
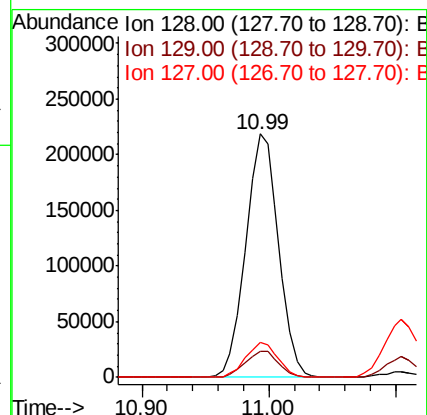
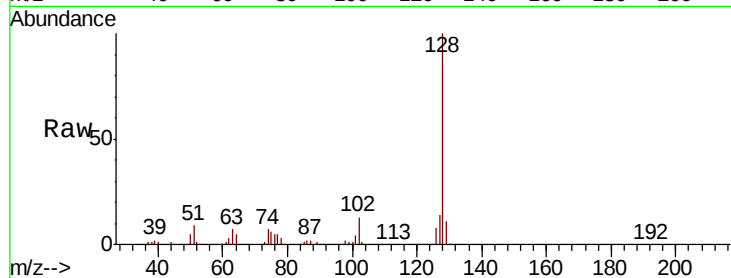




#31
Naphthalene
Concen: 95.448 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

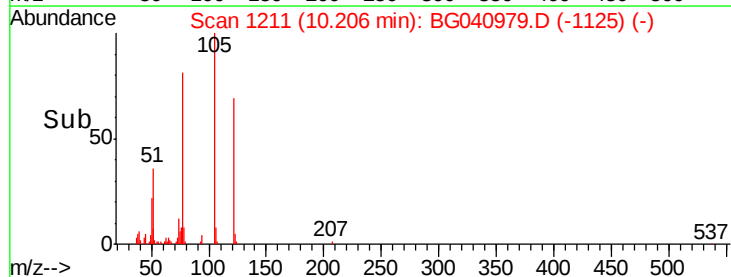
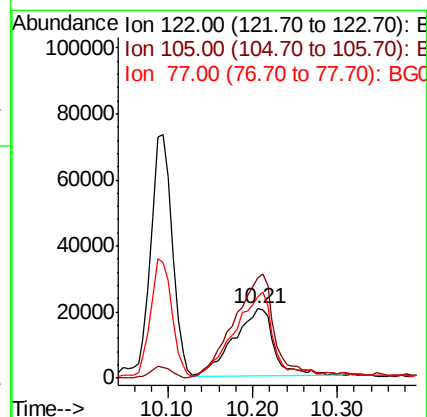
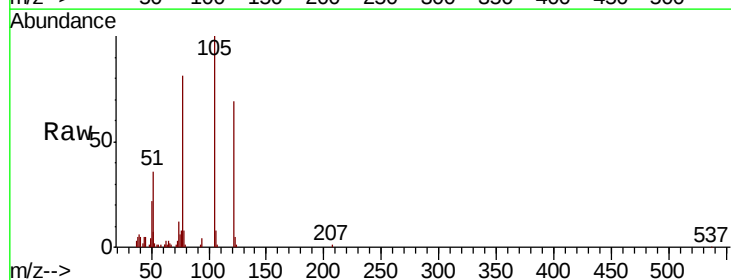
Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	14.5	11.4	17.2



#32
Benzoic acid
Concen: 69.265 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.8	114.8	154.8
77	117.8	89.9	129.9

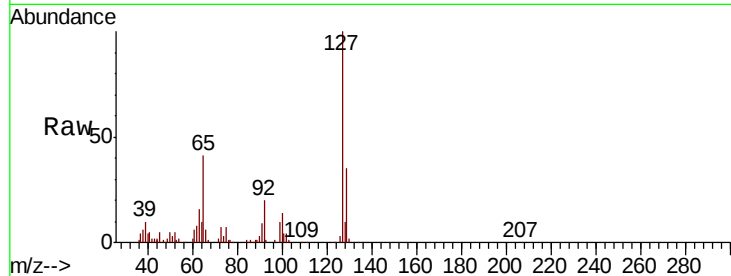




#33
4-Chloroaniline
Concen: 52.196 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion:127	Resp:	99234	
Ion Ratio	Lower	Upper	
127 100			
129 34.8	27.7	41.5	
65 40.7	33.2	49.8	
92 19.6	17.2	25.8	



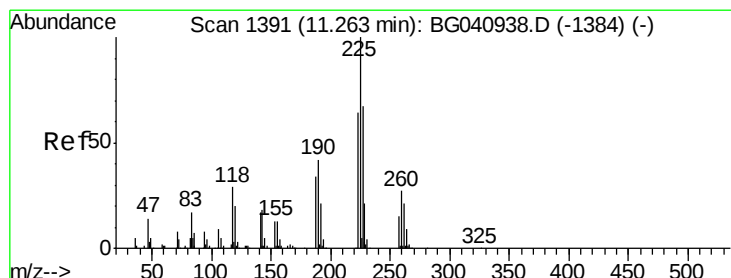
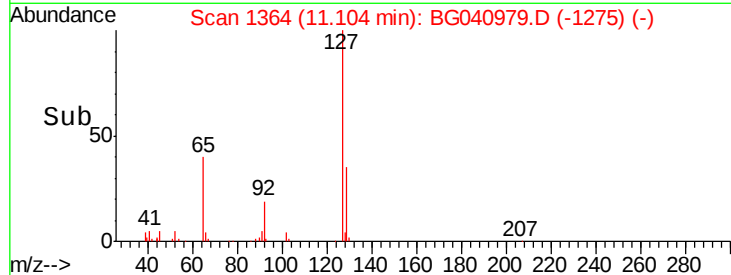
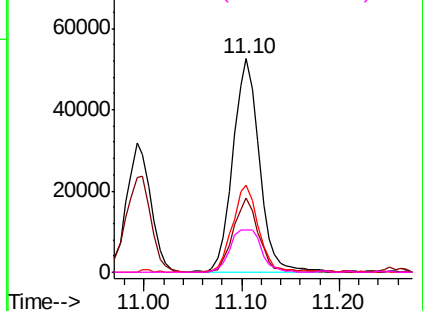
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

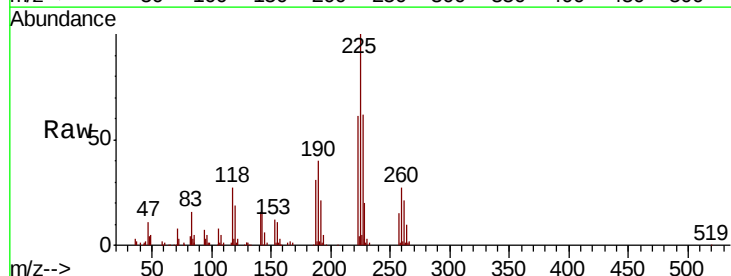
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 89.436 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt	Ion:225	Resp:	117915
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.8	73.2
227	61.7	51.4	77.0

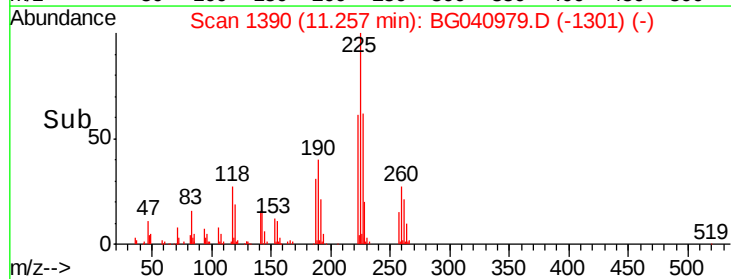
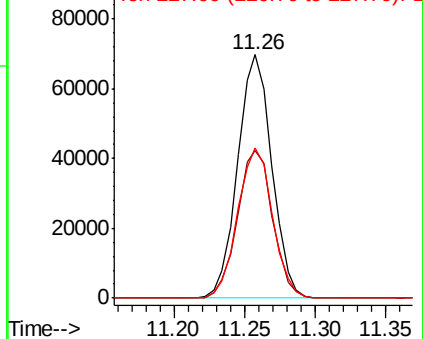


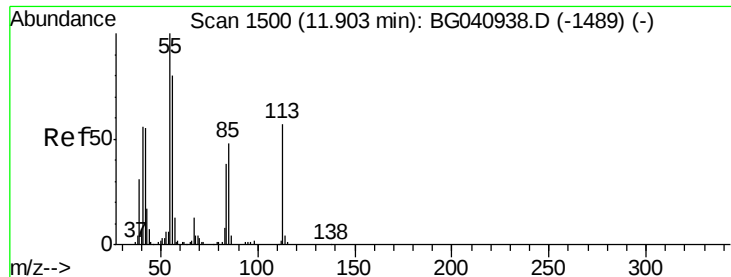
Abundance

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

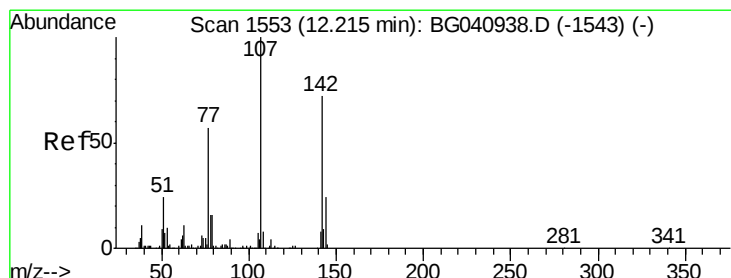
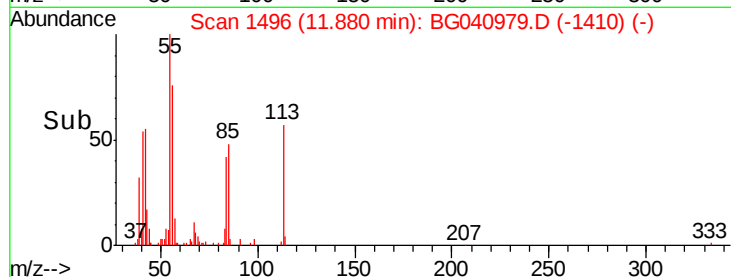
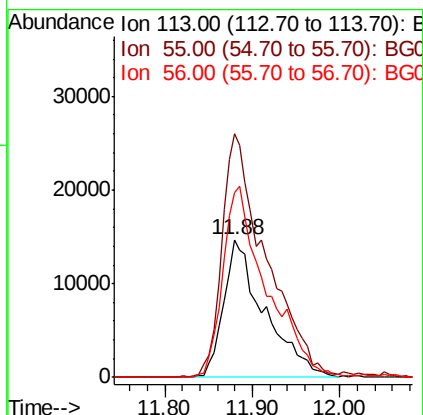
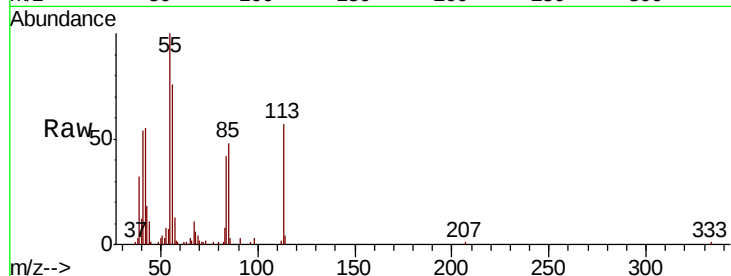




#35
 Caprolactam
 Concen: 94.434 ng
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

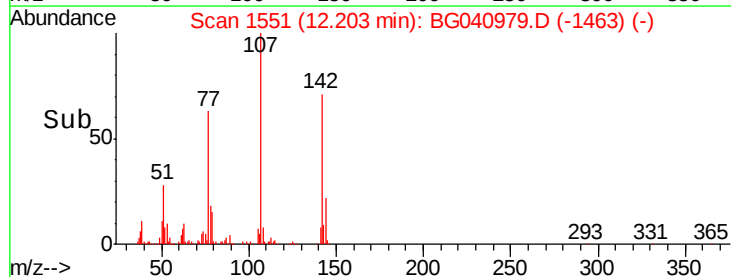
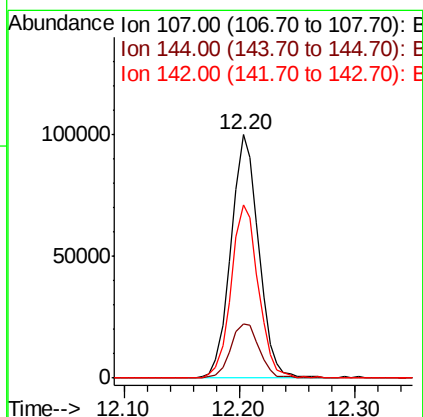
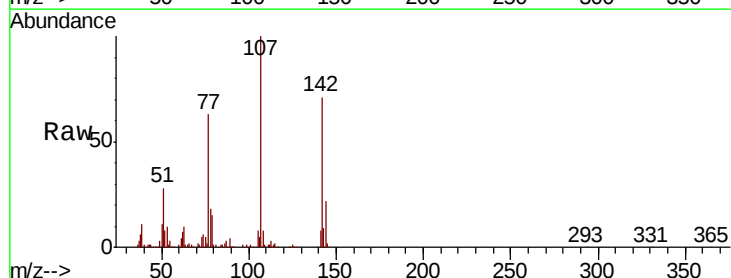
Instrument :
 BNA_G
 ClientSampleId :
 PB119288BS

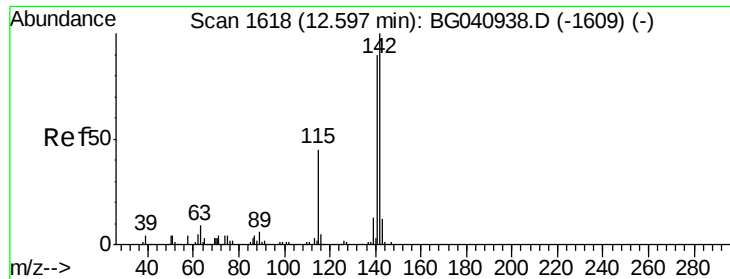
Tot Ion:113 Resp: 47235
 Ion Ratio Lower Upper
 113 100
 55 176.7 155.9 195.9
 56 134.0 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 96.195 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

Tgt Ion:107 Resp: 166405
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.4 29.0
 142 71.3 57.3 85.9

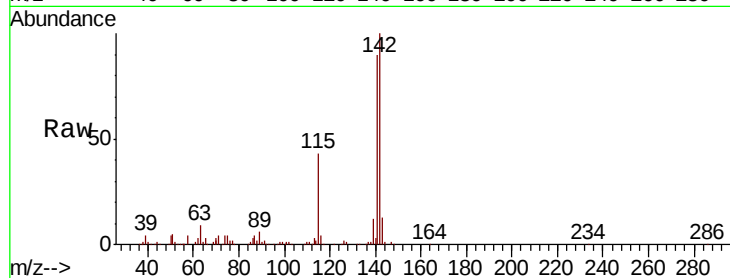




#37
2-Methylnaphthalene
Concen: 95.423 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	43.4	36.2	54.4

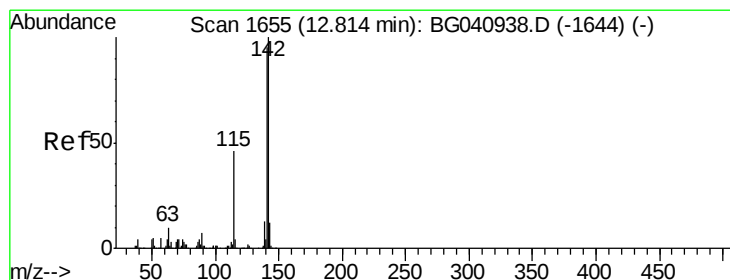
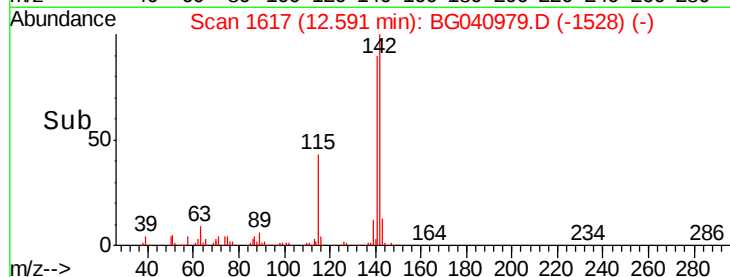
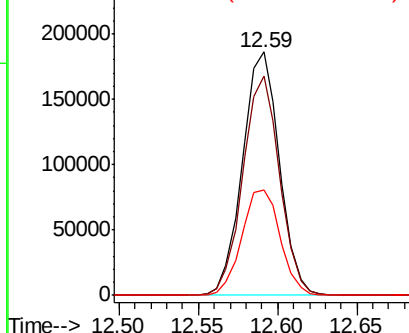


Abundance

Ion 142.00 (141.70 to 142.70): E

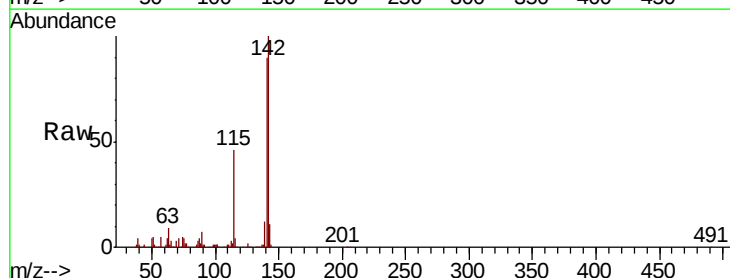
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 95.255 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	75.7	113.5
116	3.9	3.4	5.2

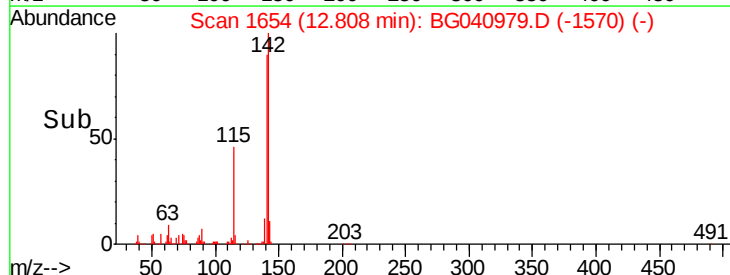
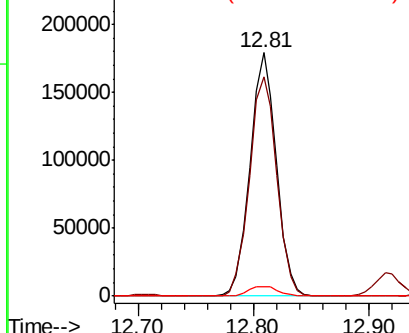


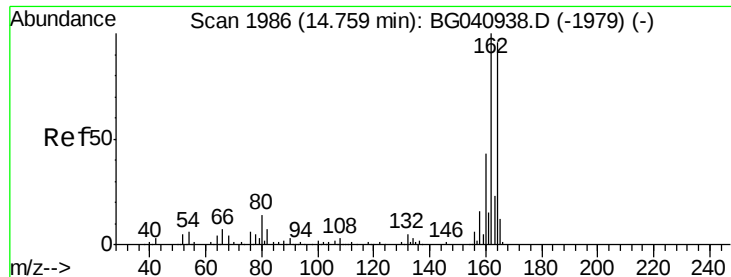
Abundance

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: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

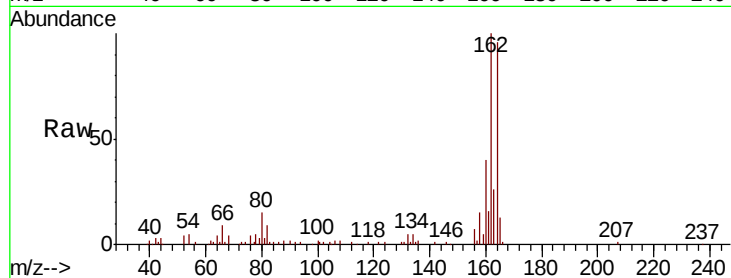
Tot Ion:164 Resp: 55892

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 42.0 35.6 53.4

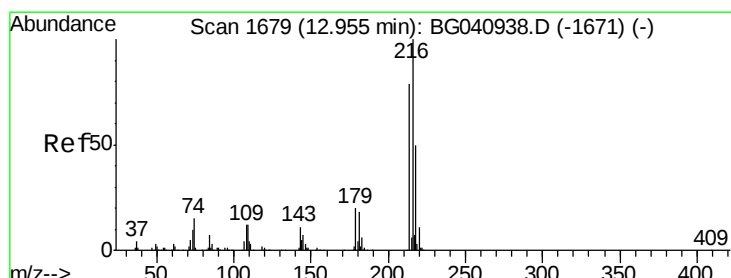
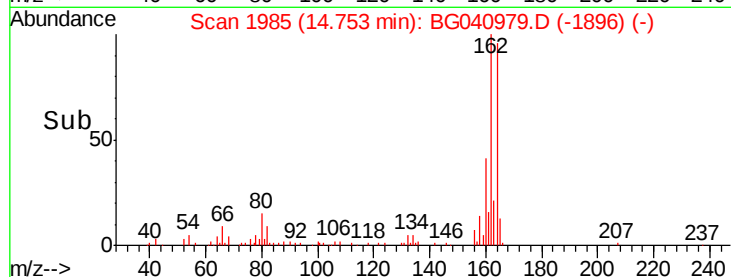
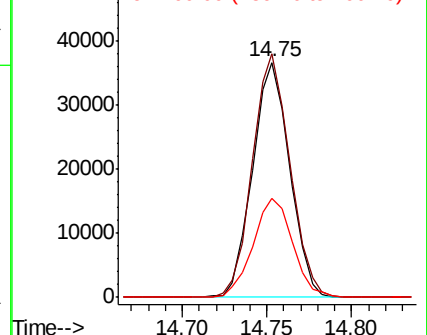


Abundance

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: 96.281 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Tgt Ion:216 Resp: 216897

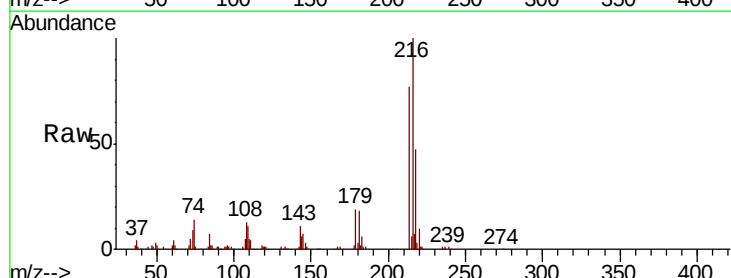
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 18.3 15.2 22.8

108 16.7 11.4 17.2



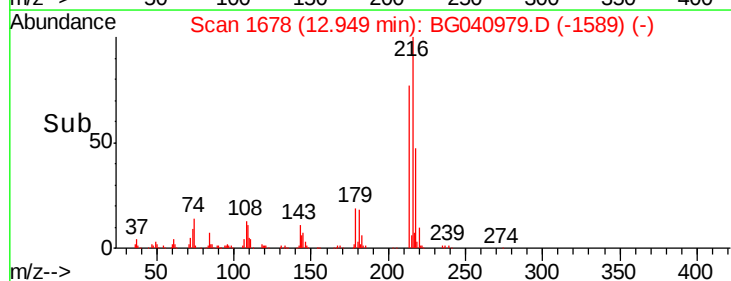
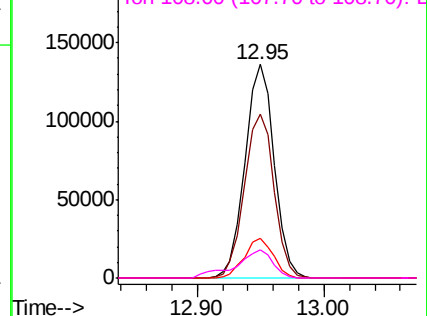
Abundance

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: 217.483 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

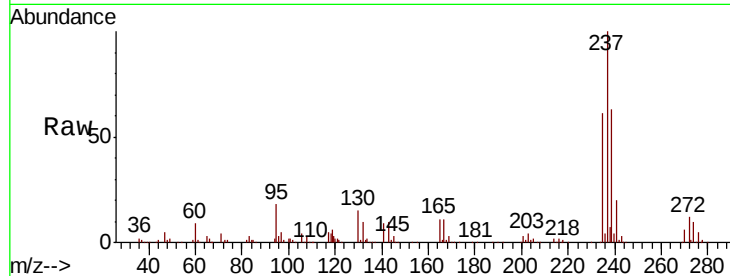
Tot Ion:237 Resp: 282468

Ion Ratio Lower Upper

237 100

235 61.3 45.5 85.5

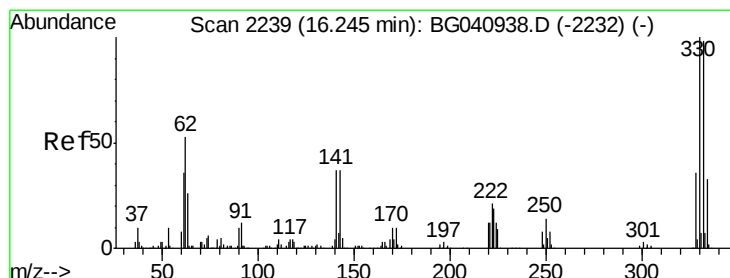
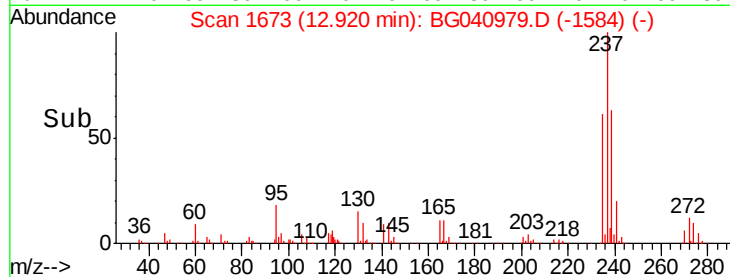
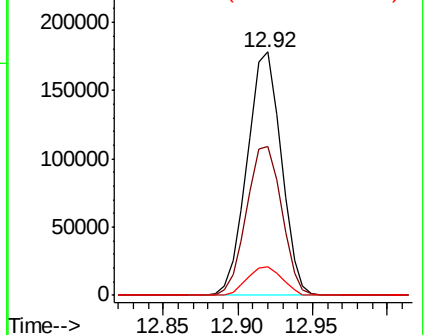
272 11.8 0.0 32.9



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: 172.947 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

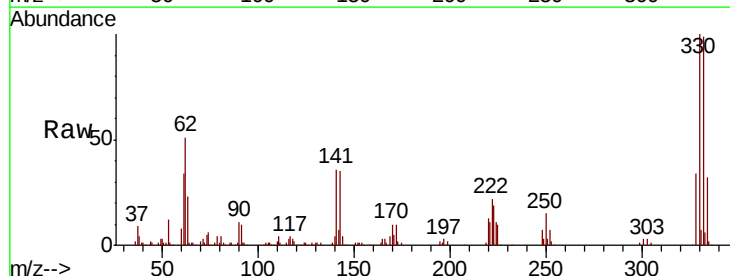
Tgt Ion:330 Resp: 143504

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

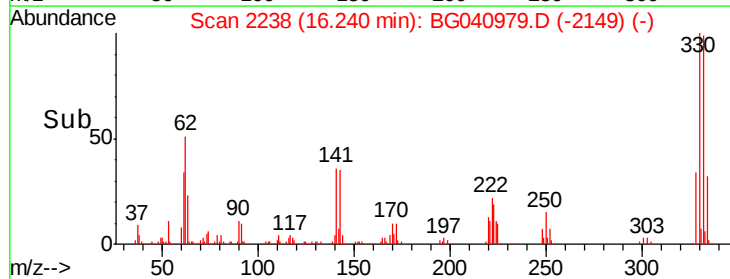
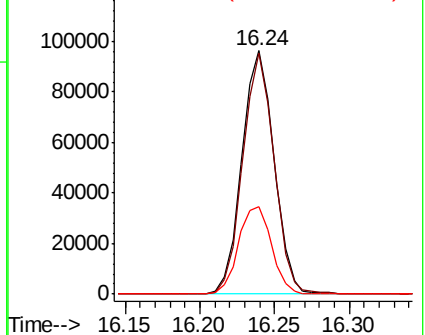
141 37.2 28.7 43.1



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

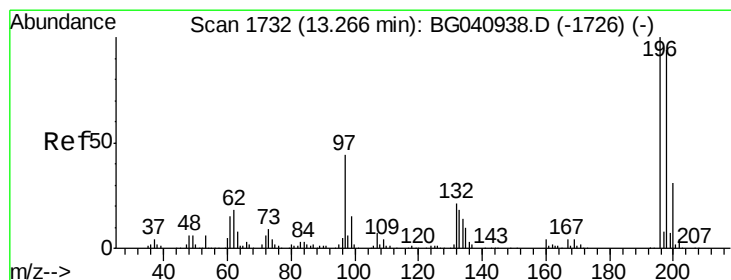
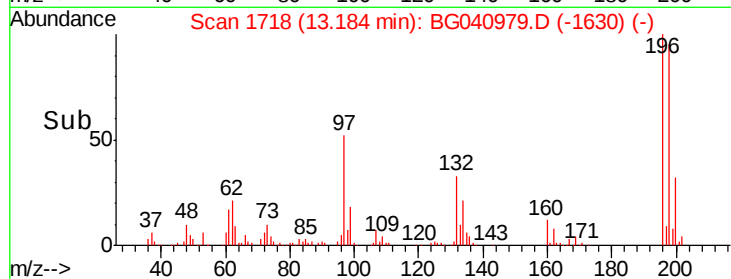
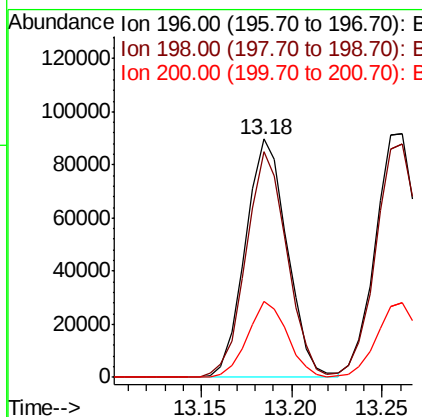
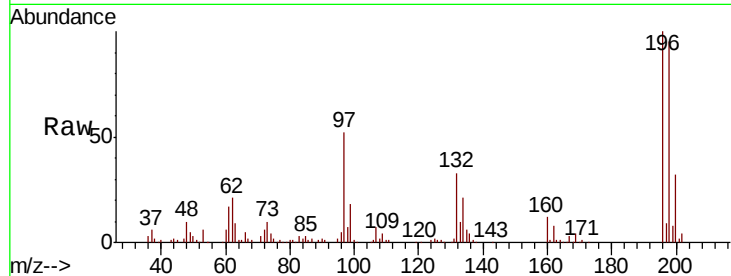




#43
 2,4,6-Trichlorophenol
 Concen: 98.896 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

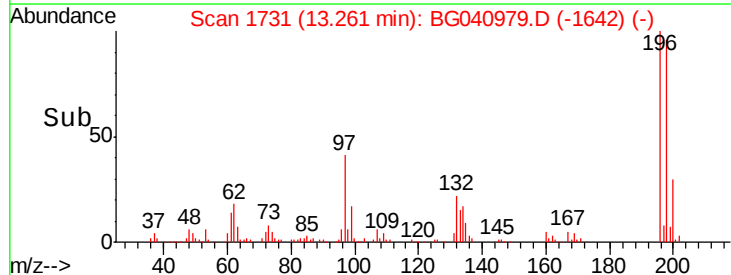
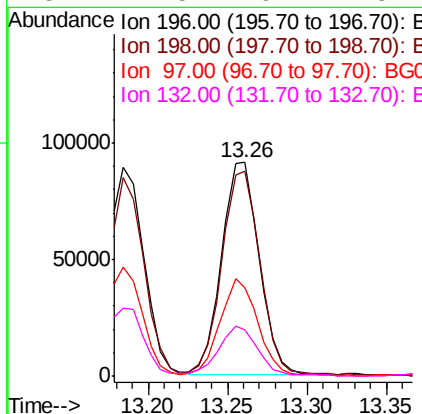
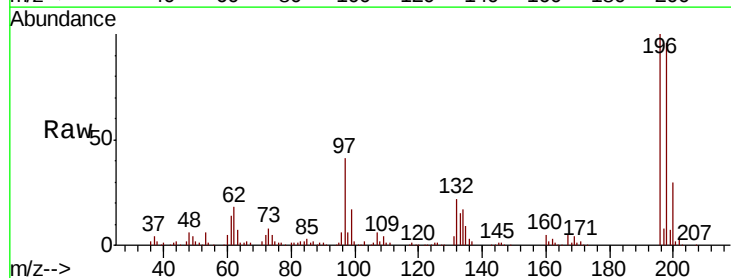
Instrument :
 BNA_G
 ClientSampleId :
 PB119288BS

Tot Ion:196 Resp: 144124
 Ion Ratio Lower Upper
 196 100
 198 95.1 73.8 110.6
 200 31.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 97.873 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

Tgt Ion:196 Resp: 150426
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.1 112.7
 97 41.1 35.6 53.4
 132 21.5 16.7 25.1

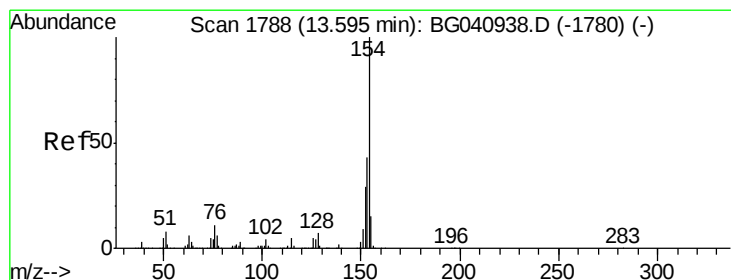
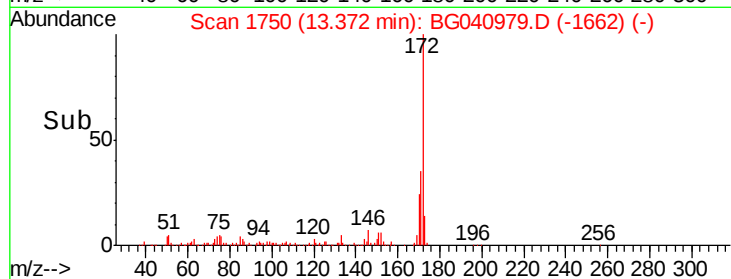
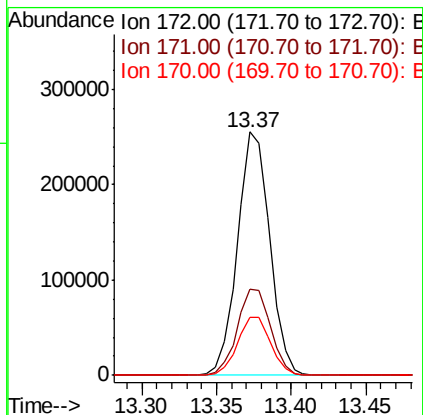
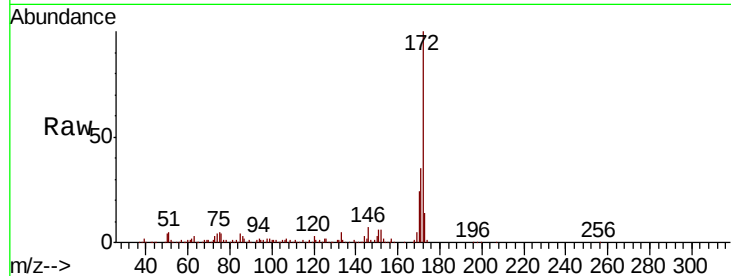




#45
2-Fluorobiphenyl
Concen: 98.727 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

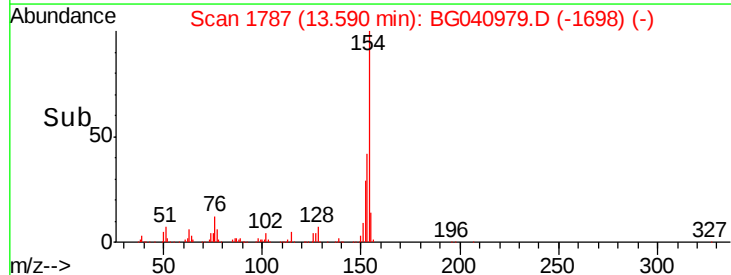
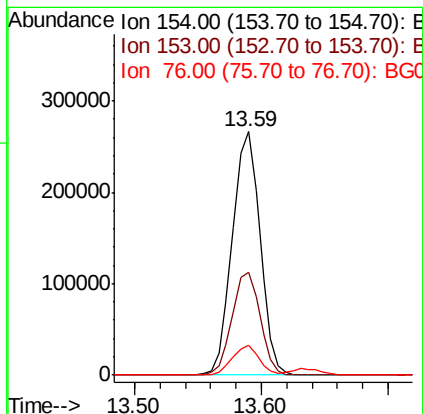
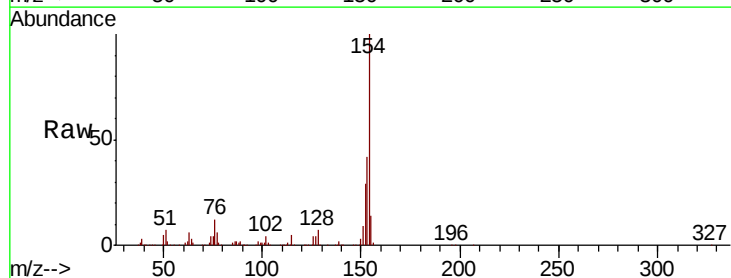
Instrument :
BNA_G
ClientSampleId :
PB119288BS

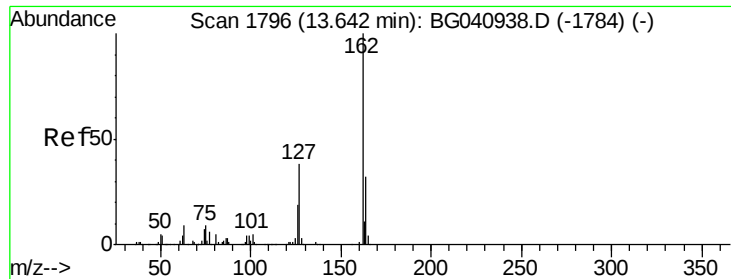
Tot Ion:172 Resp: 383169
Ion Ratio Lower Upper
172 100
171 35.3 31.1 46.7
170 24.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 97.161 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion:154 Resp: 401977
Ion Ratio Lower Upper
154 100
153 42.4 23.3 63.3
76 12.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 93.237 ng

RT: 13.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

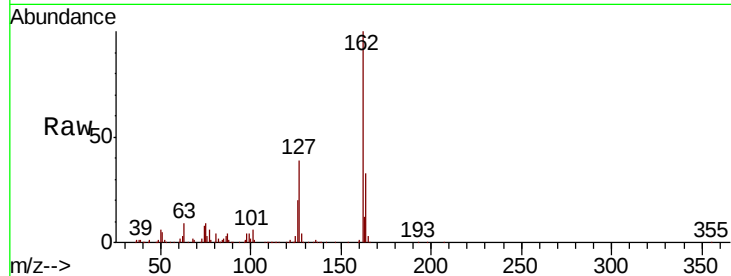
Tot Ion:162 Resp: 331156

Ion Ratio Lower Upper

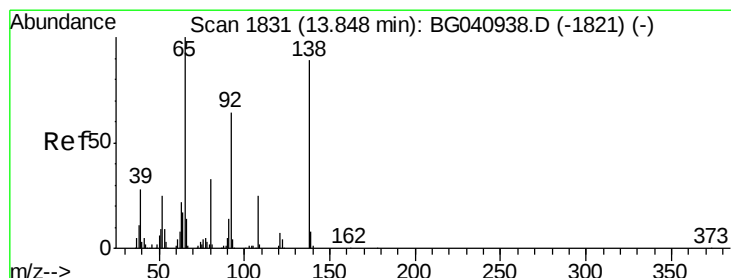
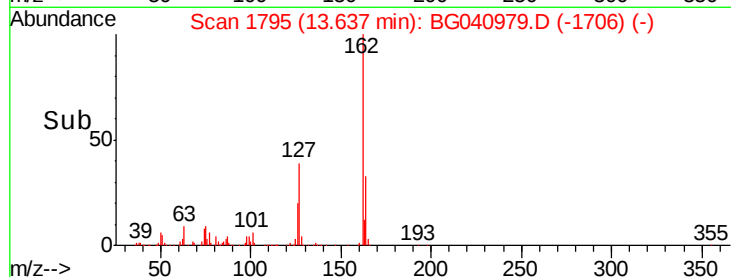
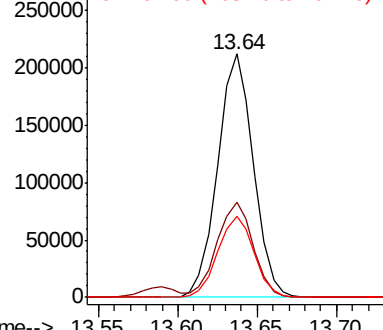
162 100

127 38.9 30.5 45.7

164 33.1 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 96.630 ng

RT: 13.84 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

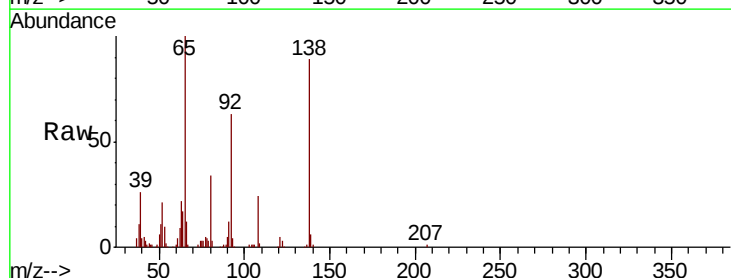
Tgt Ion: 65 Resp: 123124

Ion Ratio Lower Upper

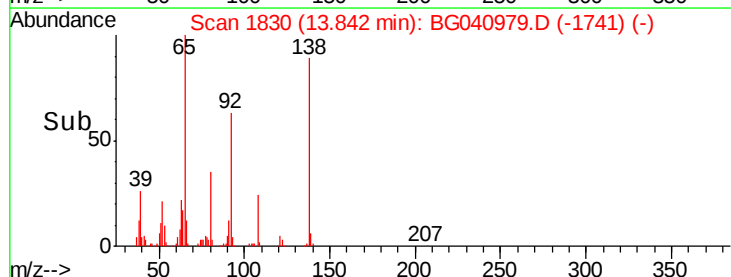
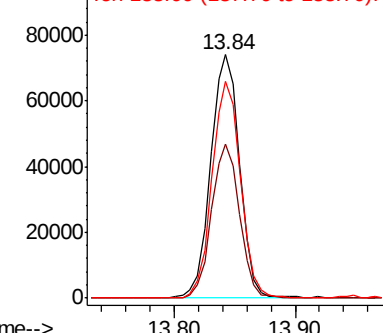
65 100

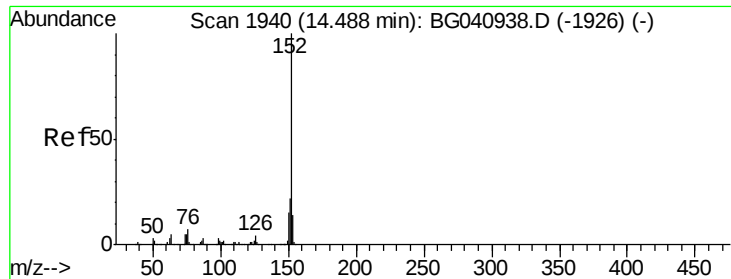
92 63.3 51.0 76.6

138 89.2 71.2 106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 97.035 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

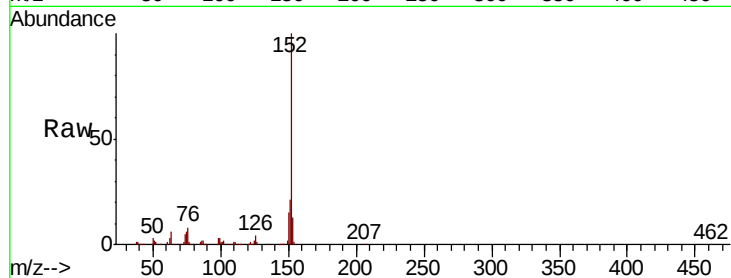
Tot Ion:152 Resp: 518709

Ion Ratio Lower Upper

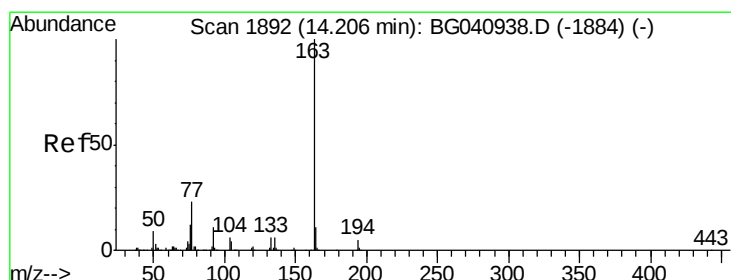
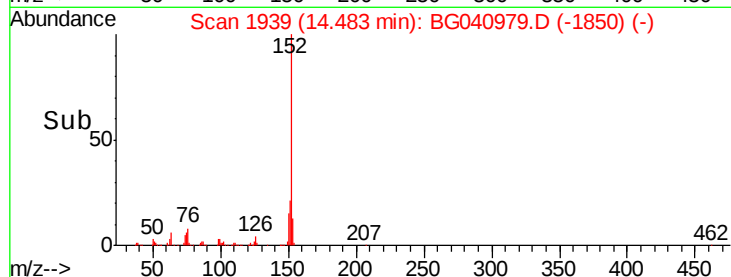
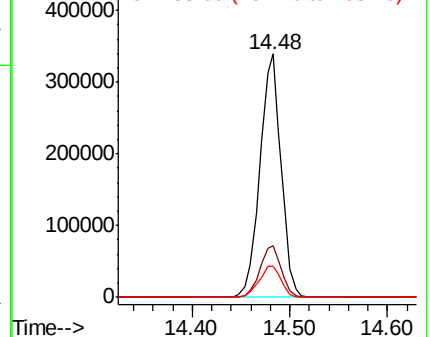
152 100

151 21.3 17.4 26.0

153 12.7 11.0 16.4



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: 95.542 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

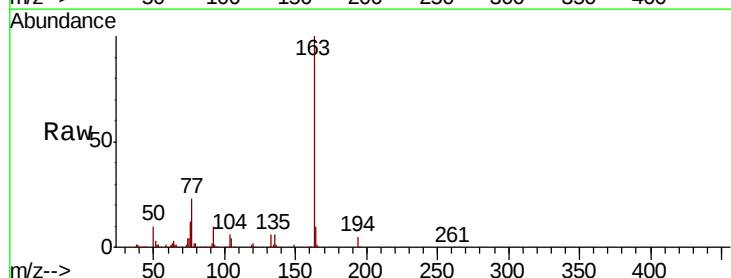
Tgt Ion:163 Resp: 452035

Ion Ratio Lower Upper

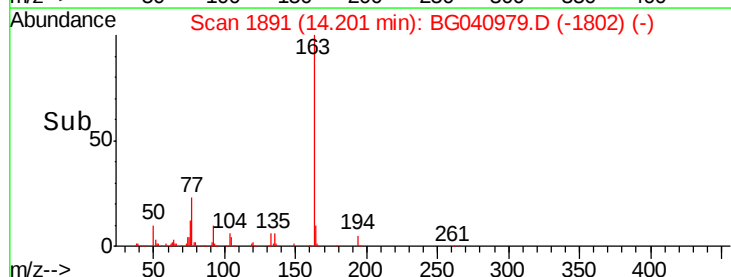
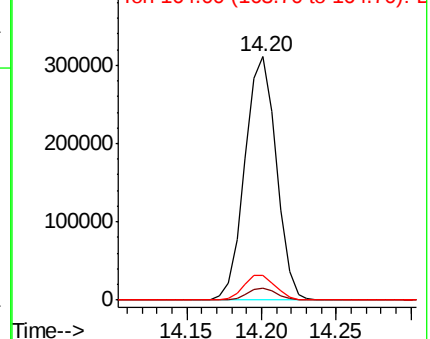
163 100

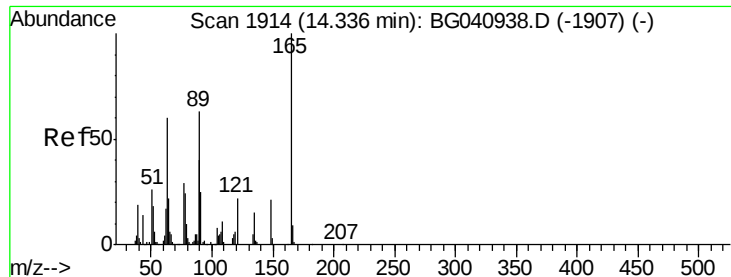
194 4.9 3.8 5.8

164 10.1 8.7 13.1



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: 97.292 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

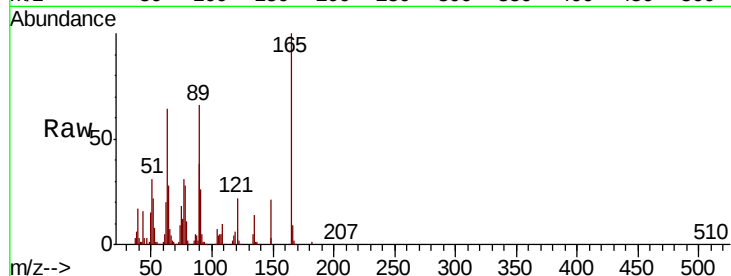
Tot Ion:165 Resp: 99248

Ion Ratio Lower Upper

165 100

63 64.2 53.6 80.4

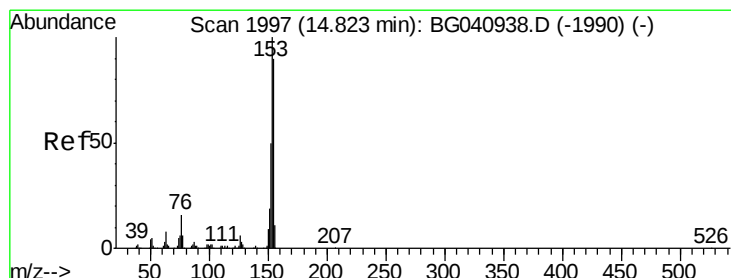
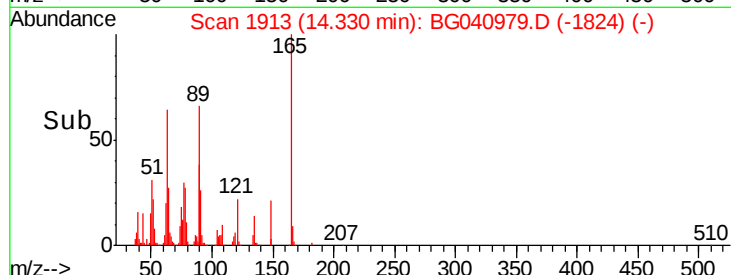
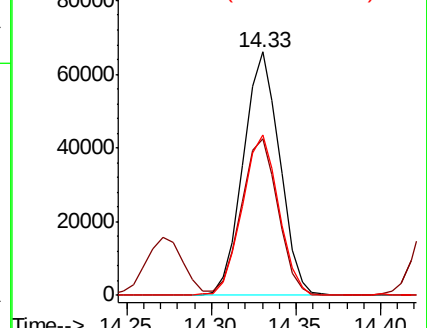
89 66.1 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 95.487 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

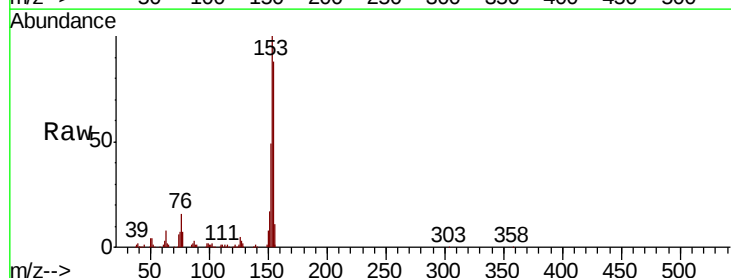
Tgt Ion:154 Resp: 309220

Ion Ratio Lower Upper

154 100

153 113.9 88.6 133.0

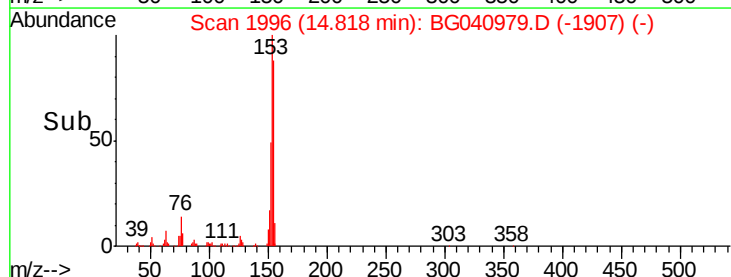
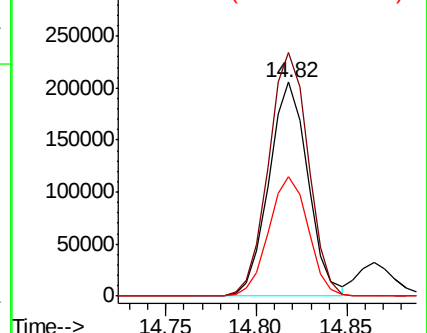
152 55.6 44.2 66.4

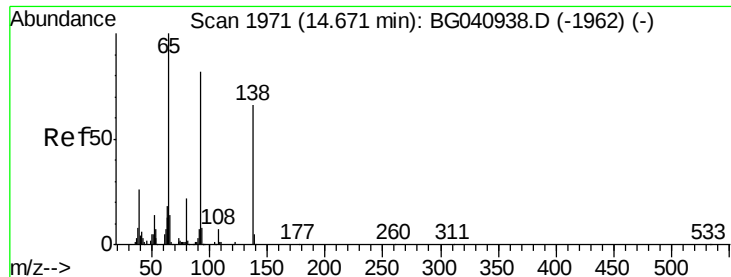


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 66.203 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

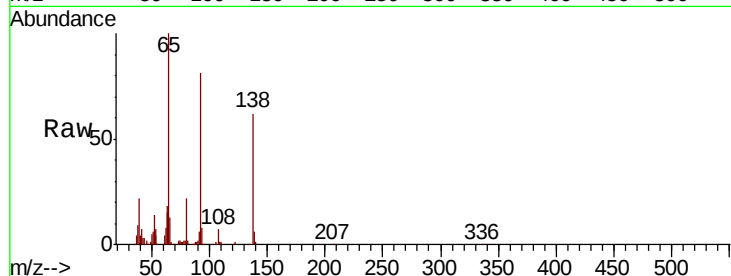
Tot Ion:138 Resp: 67532

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

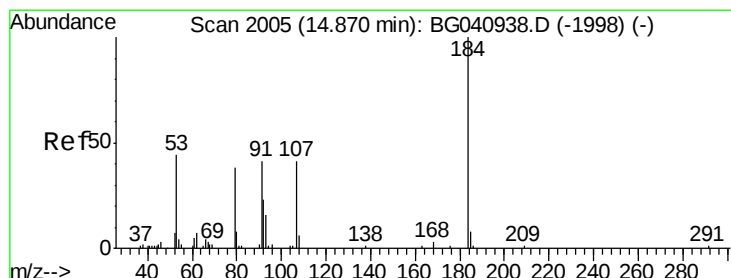
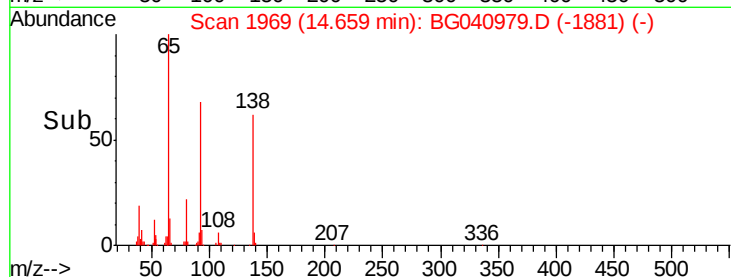
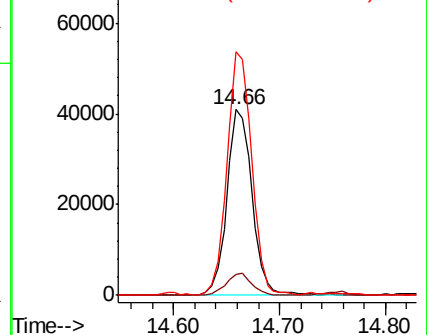
92 131.1 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 124.512 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

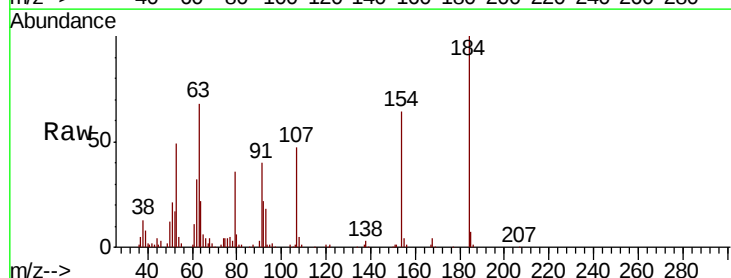
Tgt Ion:184 Resp: 81471

Ion Ratio Lower Upper

184 100

63 67.5 49.8 74.6

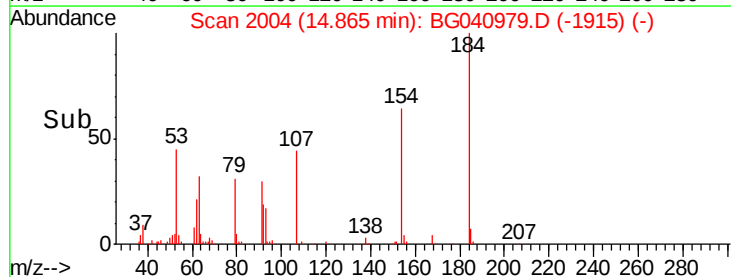
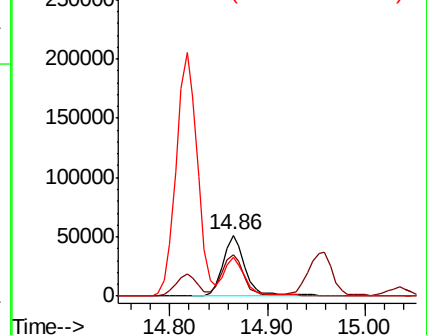
154 63.5 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 97.850 ng

RT: 15.15 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

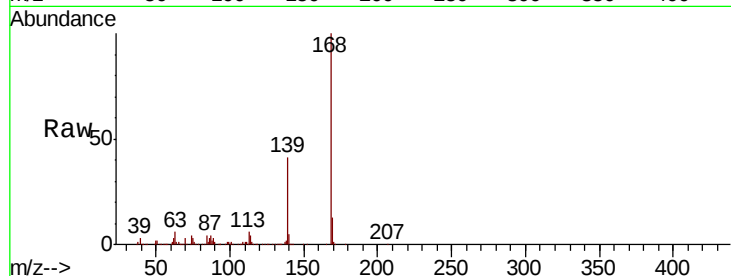
Tot Ion:168 Resp: 533181

Ion Ratio Lower Upper

168 100

139 40.6 32.8 49.2

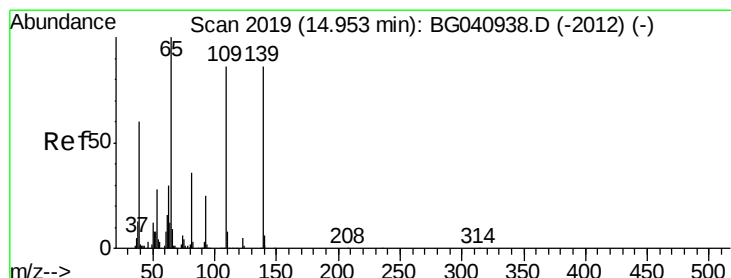
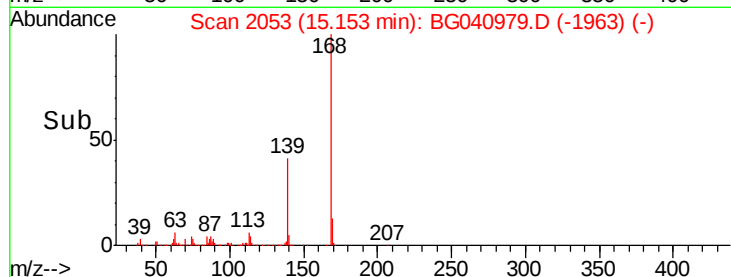
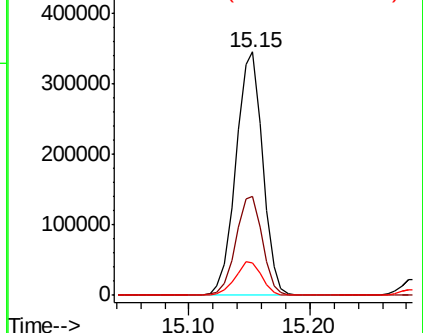
169 13.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 228.729 ng

RT: 14.95 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

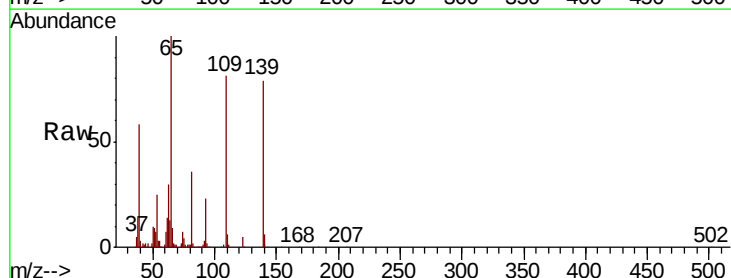
Tgt Ion:139 Resp: 160036

Ion Ratio Lower Upper

139 100

109 103.5 79.6 119.6

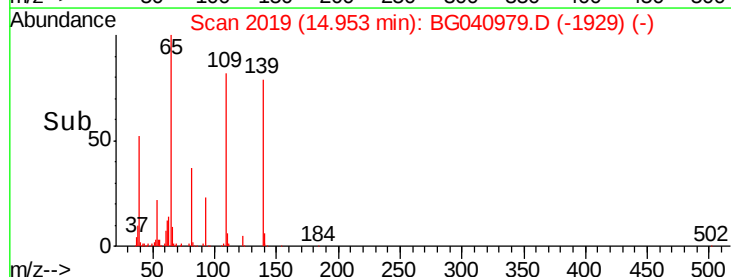
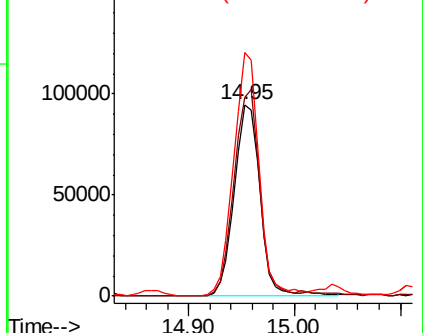
65 127.0 96.9 136.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 100.629 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

Tot Ion:165 Resp: 145004

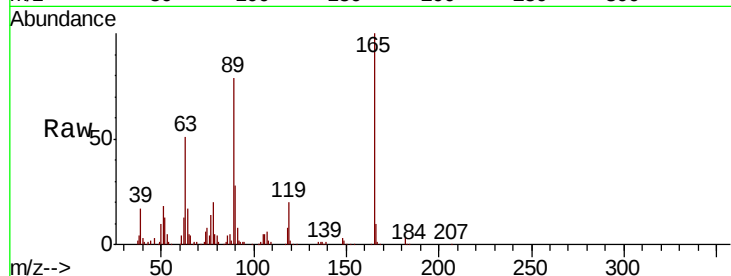
Ion Ratio Lower Upper

165 100

63 51.0 37.3 55.9

89 78.7 61.0 91.6

182 3.0 2.2 3.2

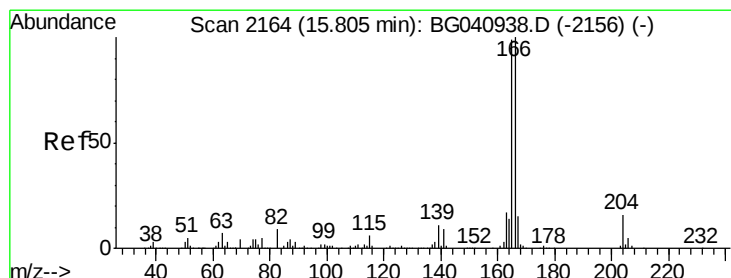
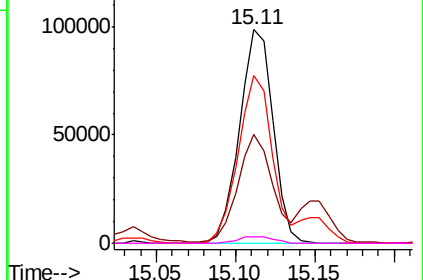
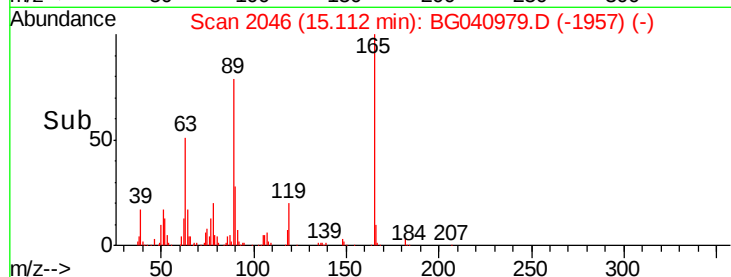


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 97.074 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

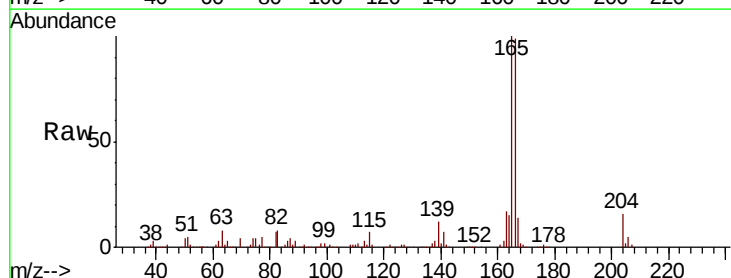
Tgt Ion:166 Resp: 421251

Ion Ratio Lower Upper

166 100

165 101.5 79.2 118.8

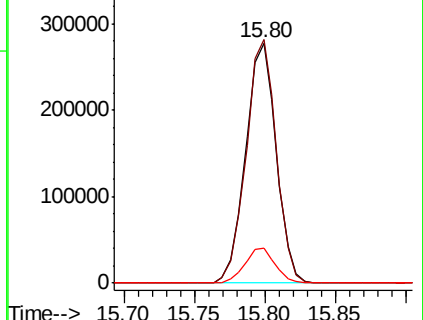
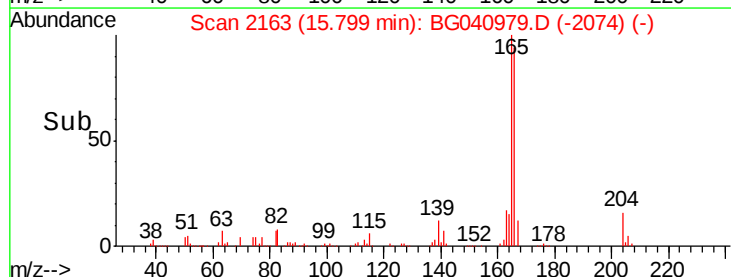
167 14.6 11.8 17.6

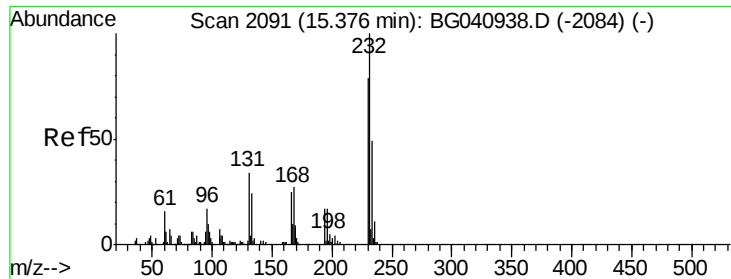


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

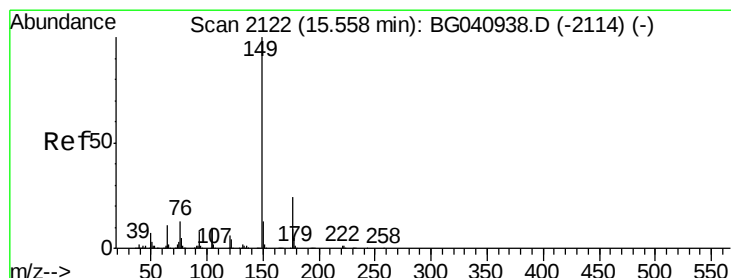
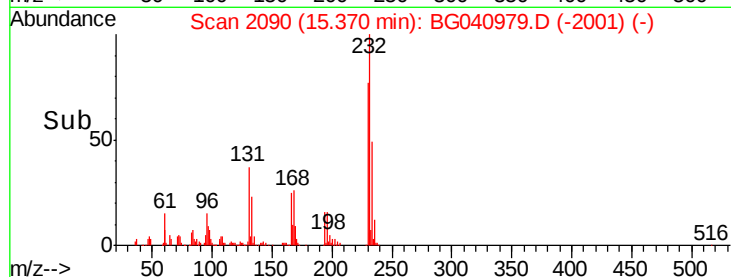
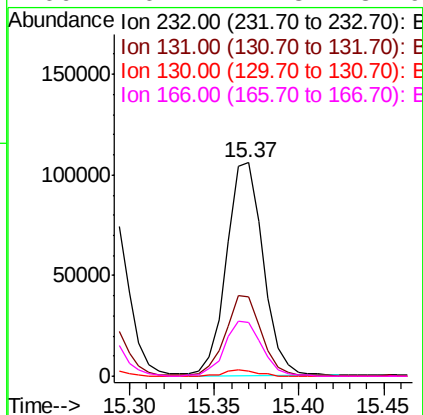
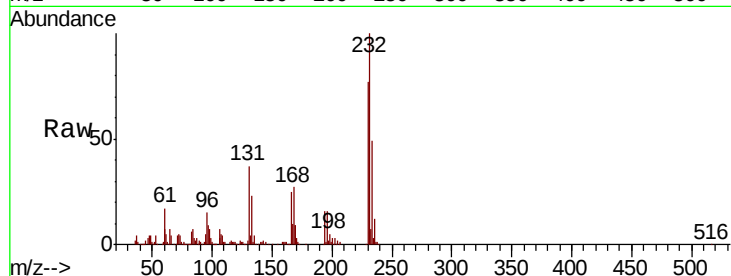




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 105.830 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

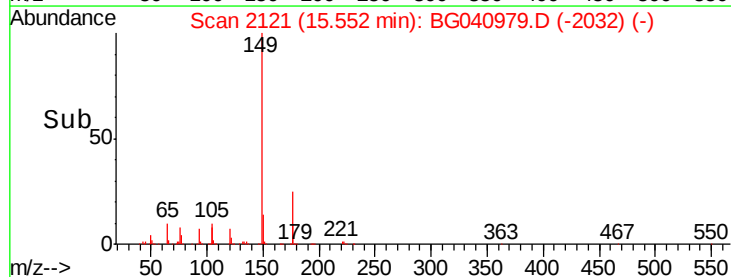
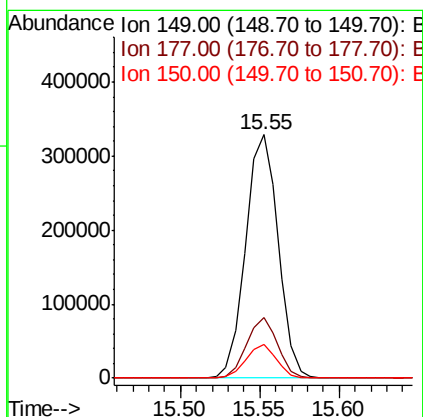
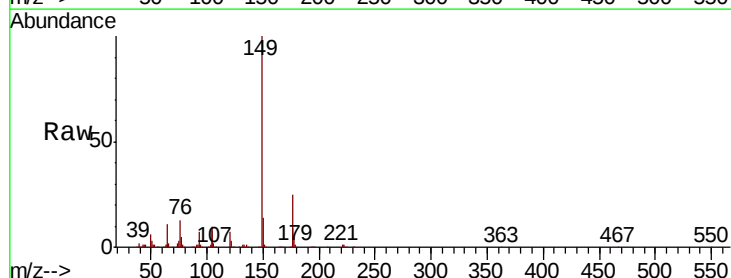
Instrument :
 BNA_G
 ClientSampleId :
 PB119288BS

Tot Ion:232	Resp:	159850	
Ion Ratio	Lower	Upper	
232 100			
131 37.8	30.3	45.5	
130 2.6	1.8	2.8	
166 26.4	21.3	31.9	



#60
 Diethylphthalate
 Concen: 96.958 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040979.D
 Acq: 31 May 2019 15:25

Tgt Ion:149	Resp: 468152
Ion Ratio	Lower Upper
149 100	
177 25.0	19.4 29.0
150 13.7	10.3 15.5

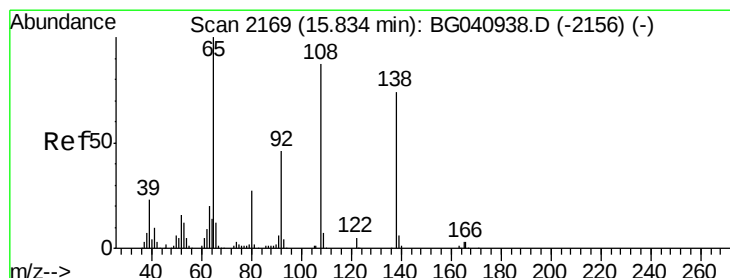
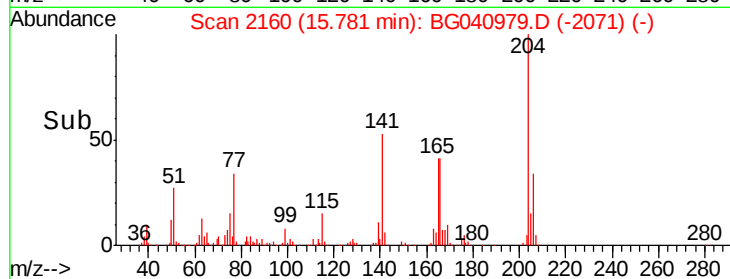
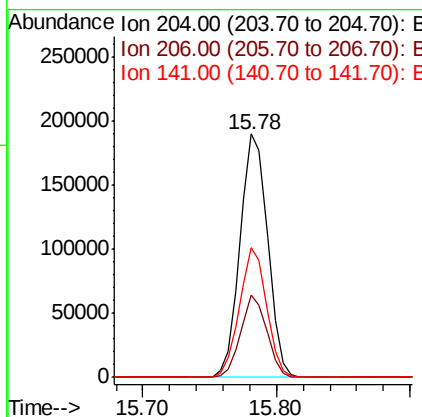
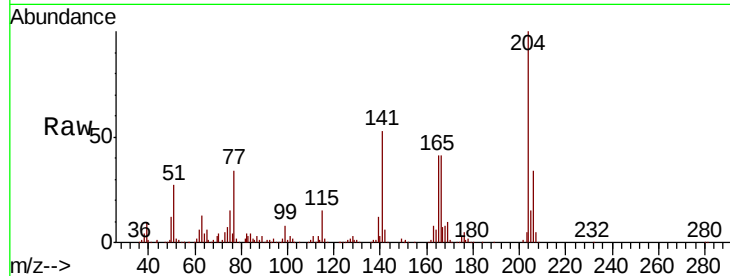




#61
4-Chlorophenyl-phenylether
Concen: 95.939 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

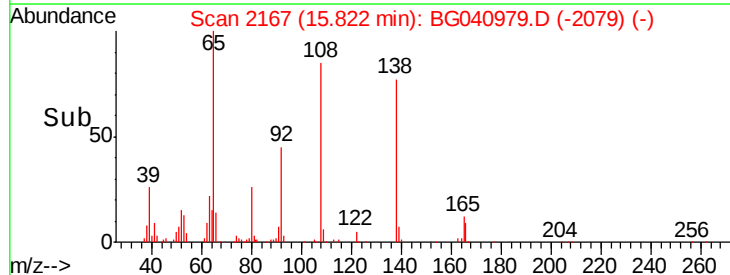
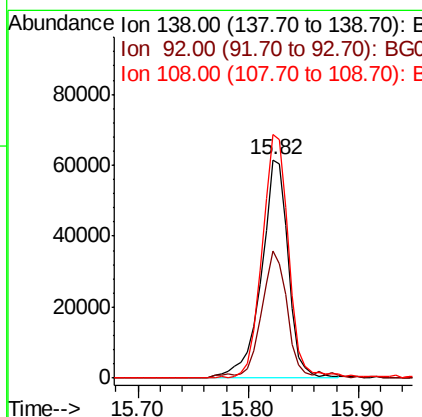
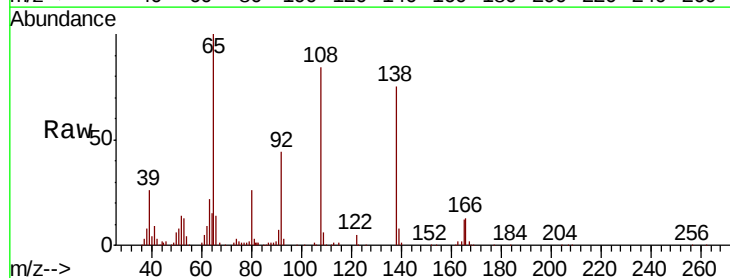
Instrument :
BNA_G
ClientSampleId :
PB119288BS

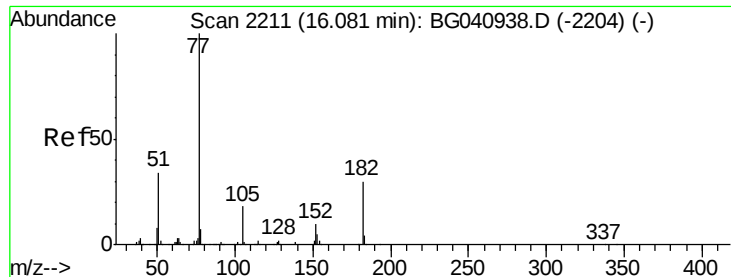
Tot Ion:204 Resp: 270604
Ion Ratio Lower Upper
204 100
206 33.6 27.6 41.4
141 53.1 45.1 67.7



#62
4-Nitroaniline
Concen: 97.598 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion:138 Resp: 105399
Ion Ratio Lower Upper
138 100
92 58.3 42.4 82.4
108 111.6 96.9 136.9





#63

Azobenzene

Concen: 99.220 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

Tot Ion: 77 Resp: 435424

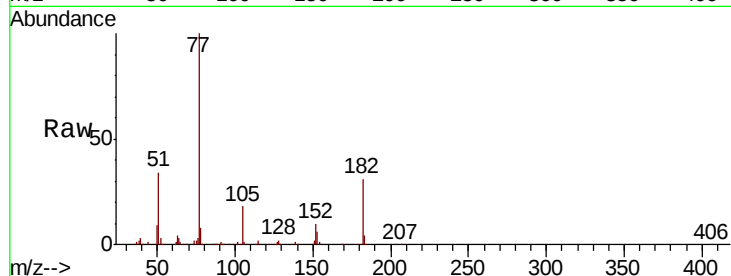
Ion Ratio Lower Upper

77 100

182 30.7 9.6 49.6

105 18.5 0.0 37.5

51 34.3 13.7 53.7

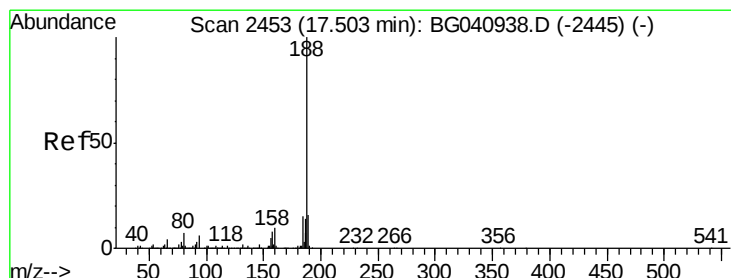
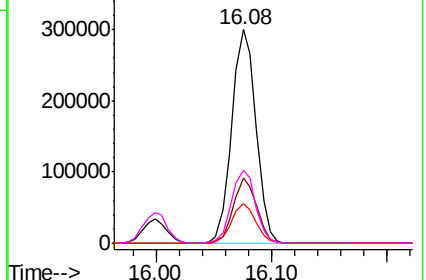
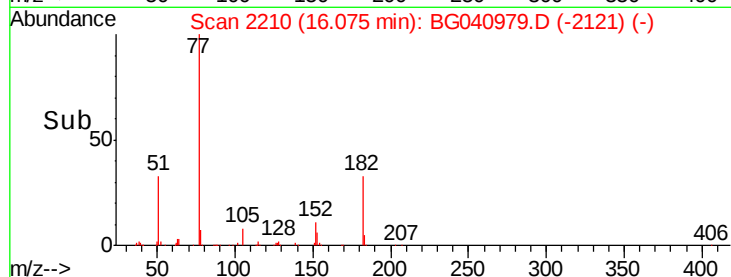


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

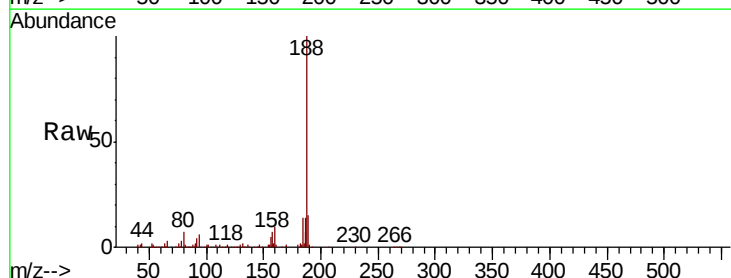
Tgt Ion: 188 Resp: 147786

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

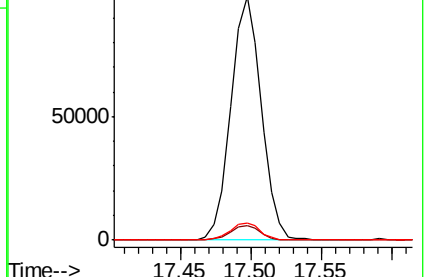
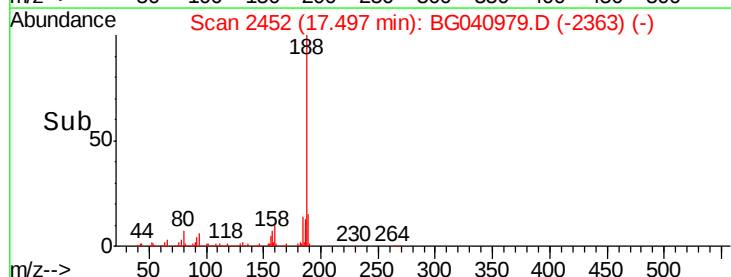
80 7.2 5.8 8.8



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: 85.352 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

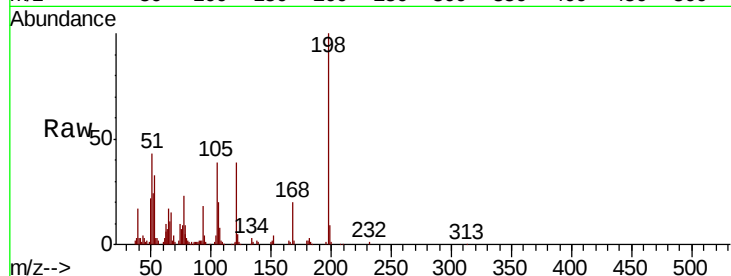
Tot Ion:198 Resp: 74039

Ion Ratio Lower Upper

198 100

51 43.2 21.6 61.6

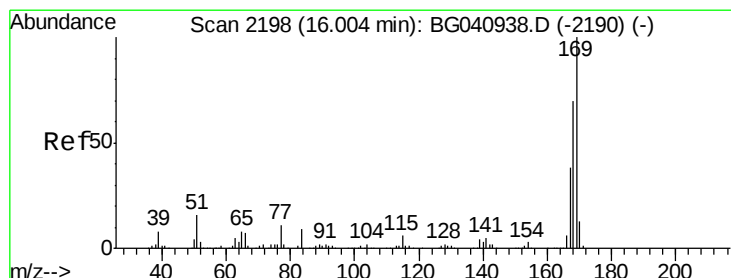
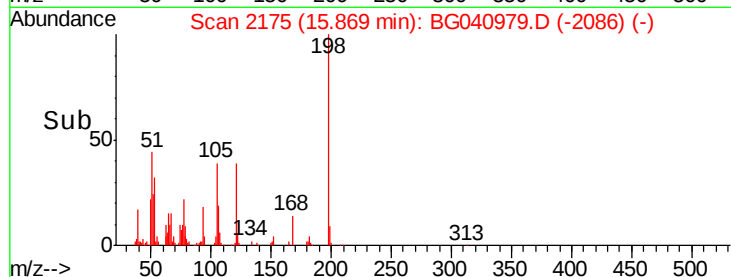
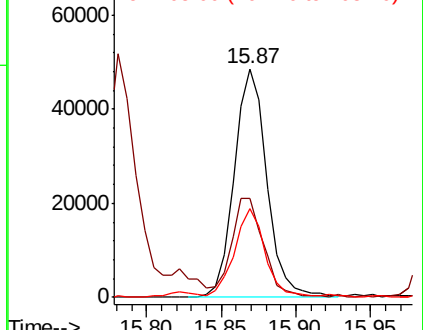
105 38.6 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 95.419 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

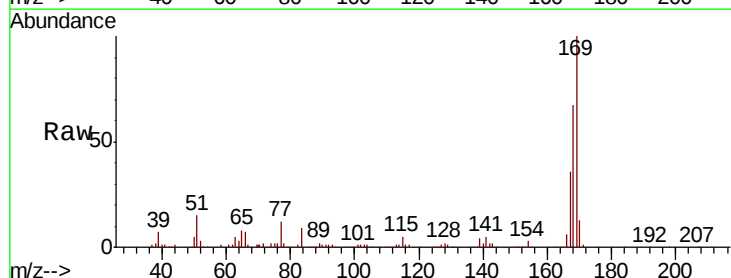
Tgt Ion:169 Resp: 396414

Ion Ratio Lower Upper

169 100

168 67.4 55.7 83.5

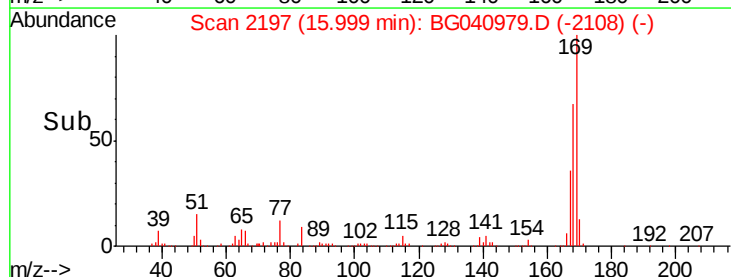
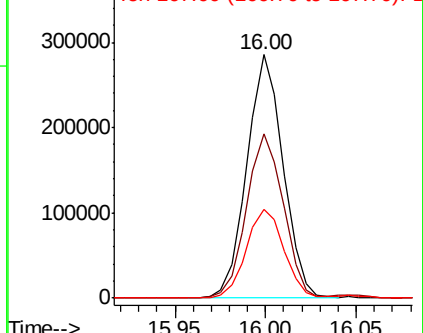
167 36.2 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

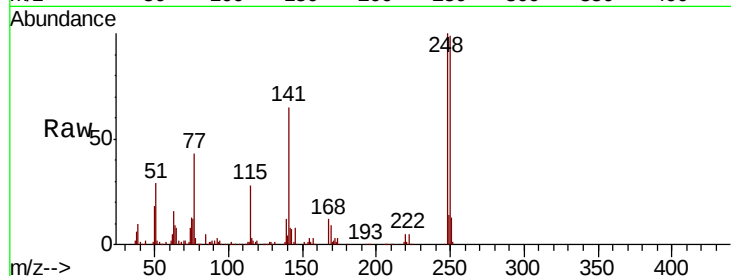




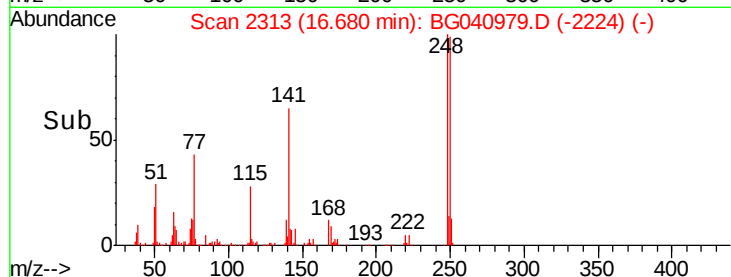
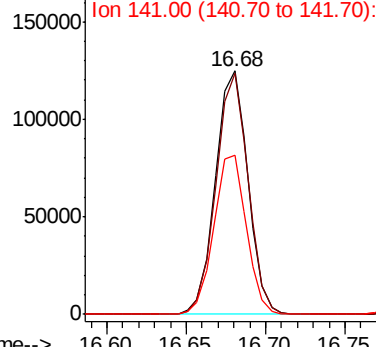
#67
4-Bromophenyl-phenylether
Concen: 88.882 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion:248 Resp: 177268
Ion Ratio Lower Upper
248 100
250 99.1 75.0 112.4
141 65.1 52.4 78.6

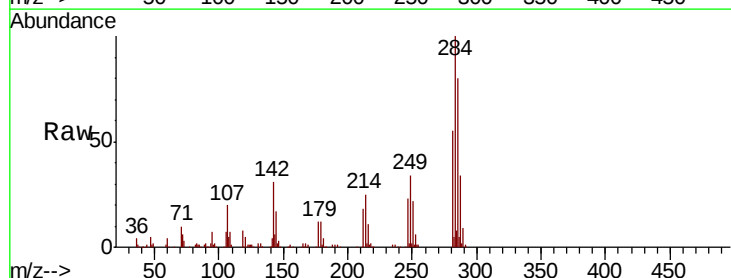


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

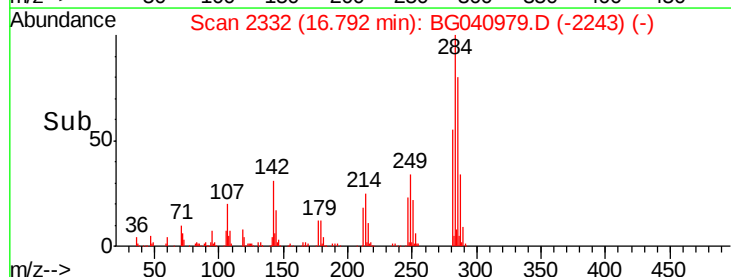
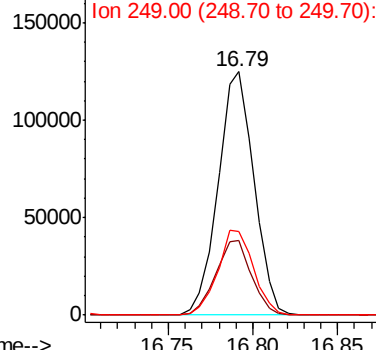


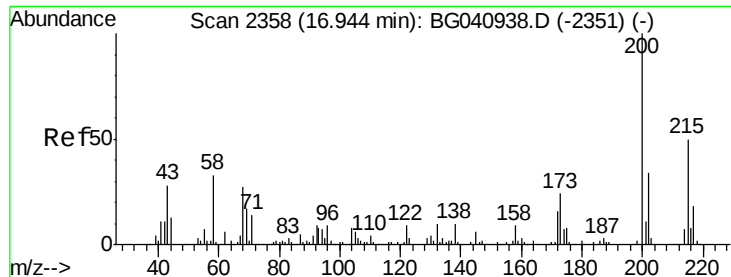
#68
Hexachlorobenzene
Concen: 86.870 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion:284 Resp: 184490
Ion Ratio Lower Upper
284 100
142 30.6 23.9 35.9
249 34.2 26.8 40.2



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

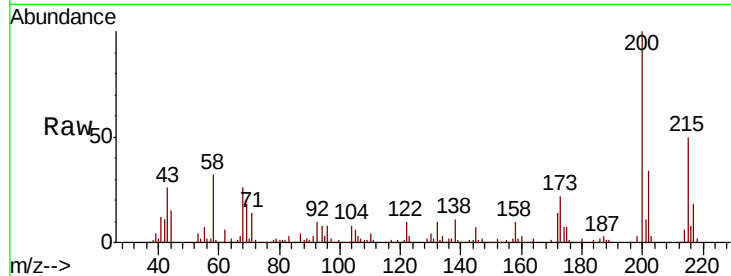




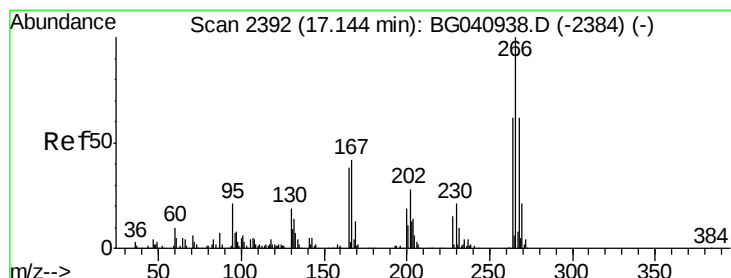
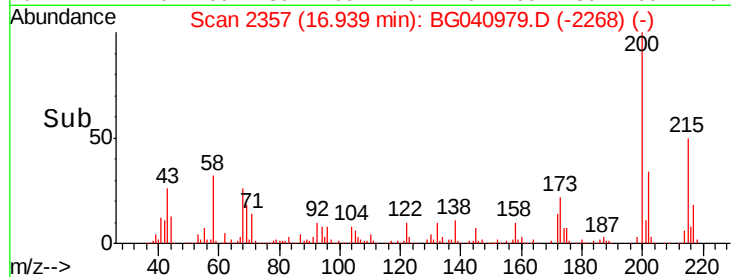
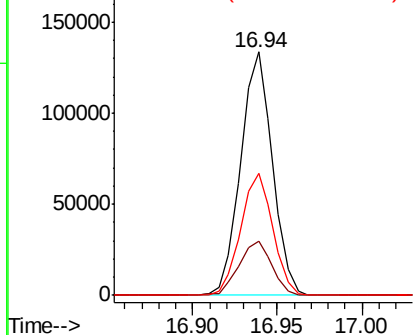
#69
Atrazine
Concen: 109.097 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion:200 Resp: 174884
Ion Ratio Lower Upper
200 100
173 22.4 3.6 43.6
215 50.4 29.6 69.6

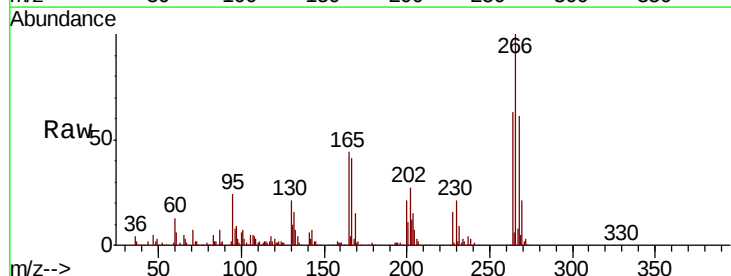


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

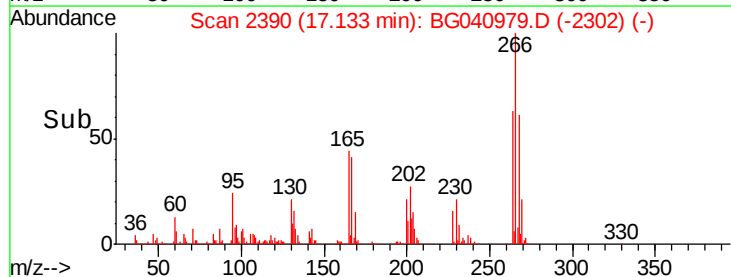
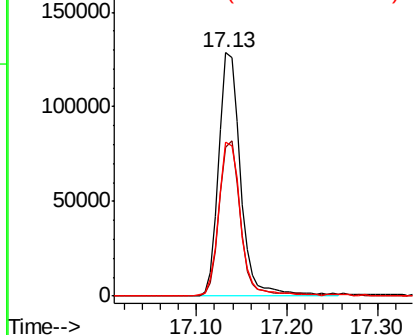


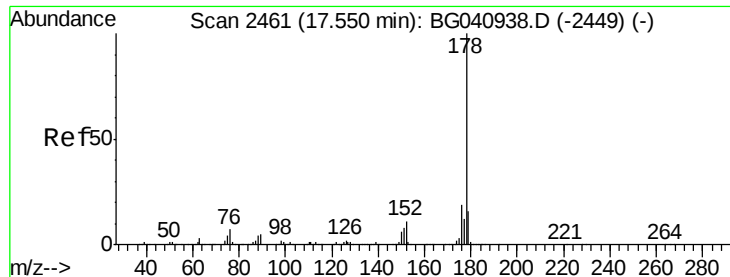
#70
Pentachlorophenol
Concen: 184.322 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion:266 Resp: 216371
Ion Ratio Lower Upper
266 100
268 60.9 53.1 79.7
264 63.5 49.9 74.9



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: 99.348 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

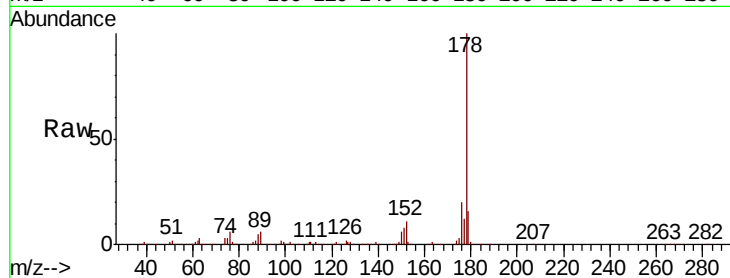
Tot Ion:178 Resp: 764772

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

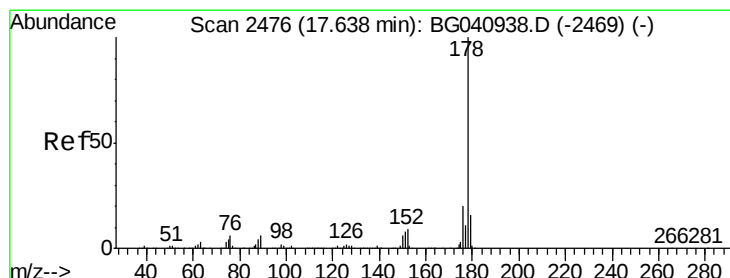
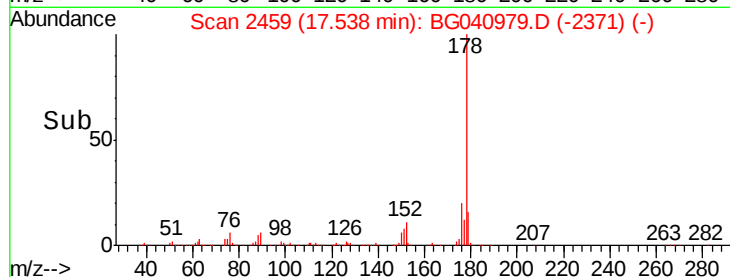
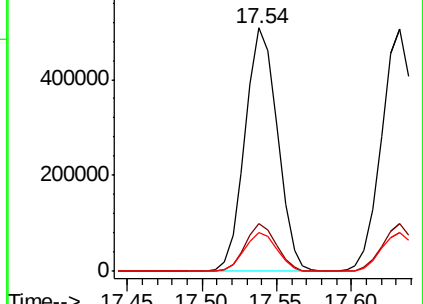
179 16.1 12.7 19.1



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: 102.096 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

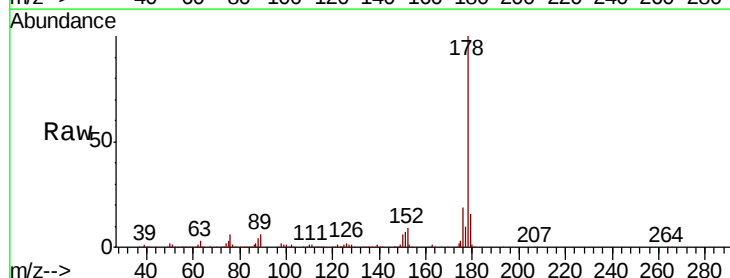
Tgt Ion:178 Resp: 775136

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

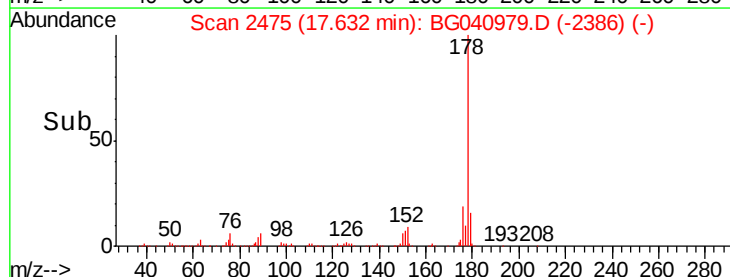
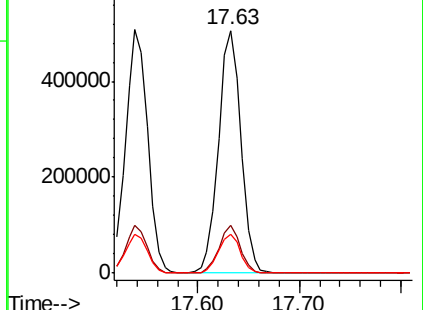
179 16.1 13.0 19.4

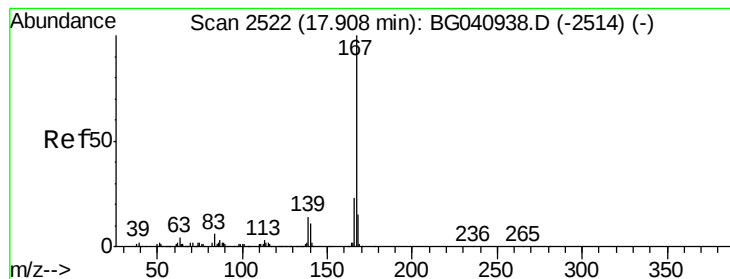


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 105.328 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

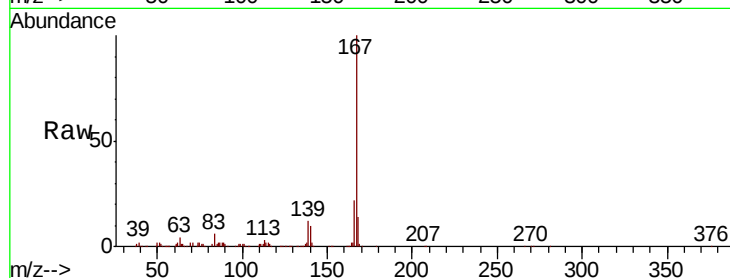
Tot Ion:167 Resp: 686155

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.4

139 12.5 10.8 16.2

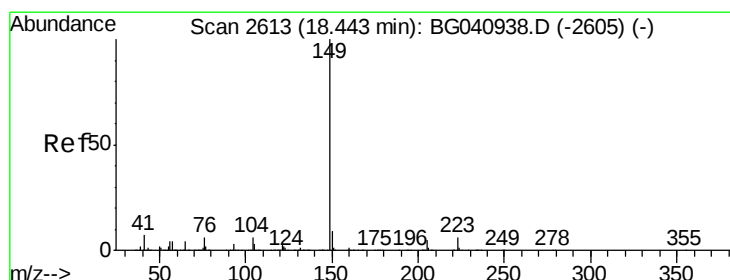
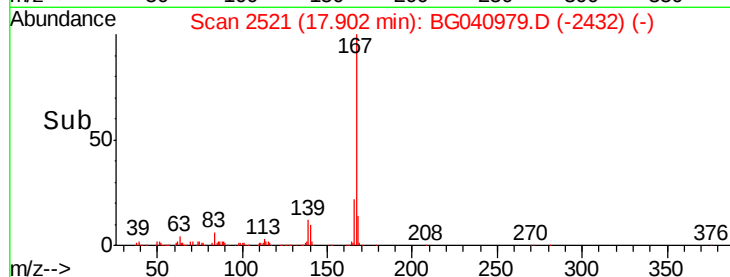
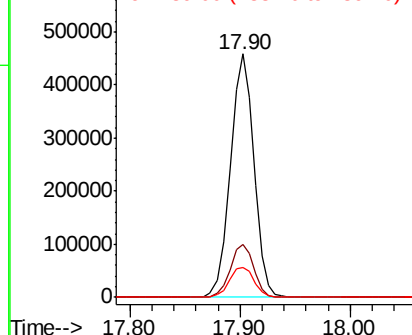


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 99.572 ng

RT: 18.44 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

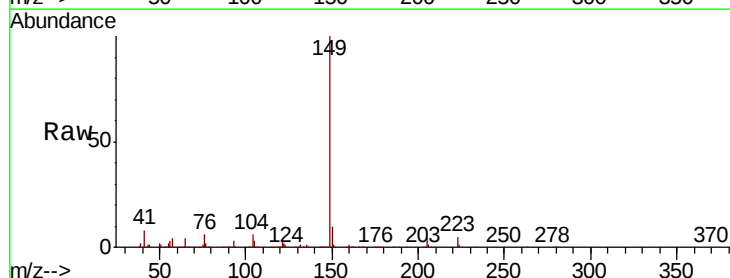
Tgt Ion:149 Resp: 806205

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

104 6.4 5.0 7.4

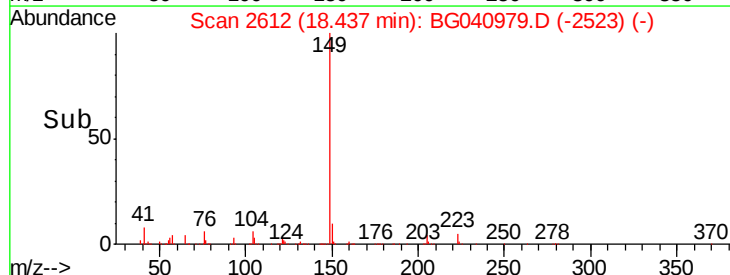
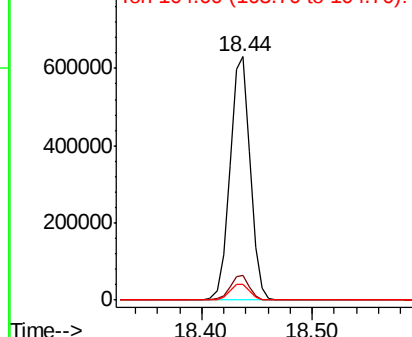


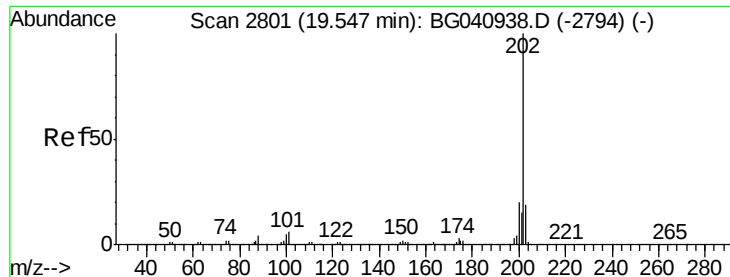
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 106.456 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

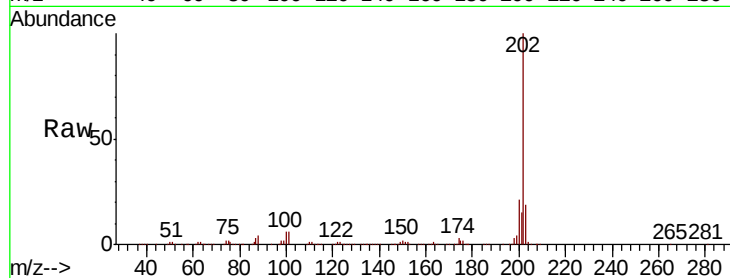
Tot Ion:202 Resp: 1012213

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

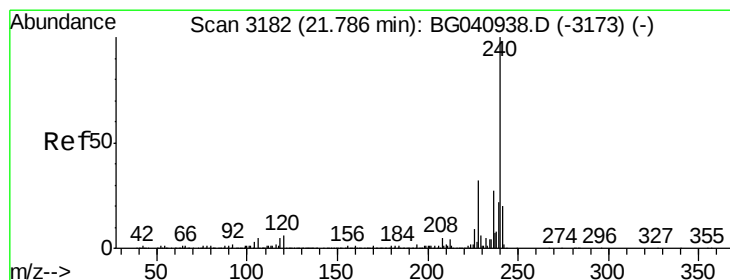
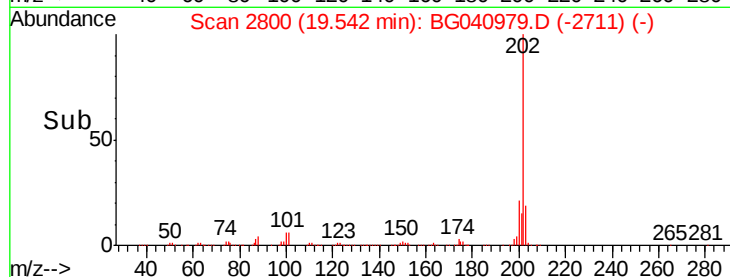
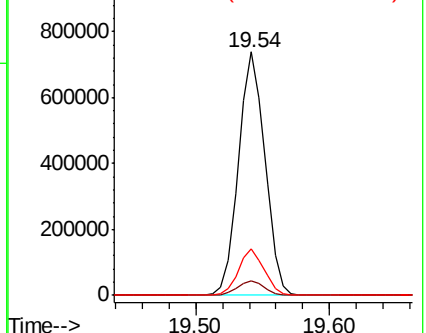
203 19.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

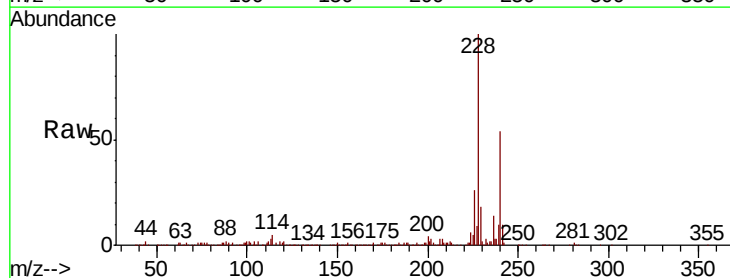
Tgt Ion:240 Resp: 157513

Ion Ratio Lower Upper

240 100

120 3.8 4.5 6.7#

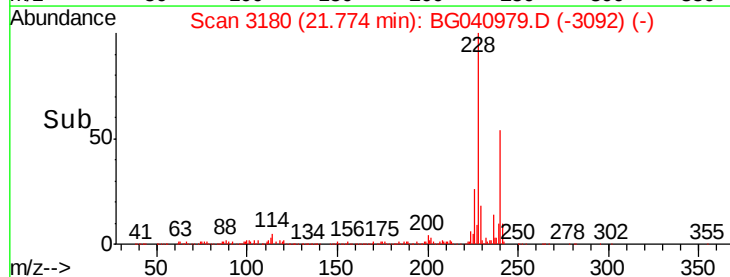
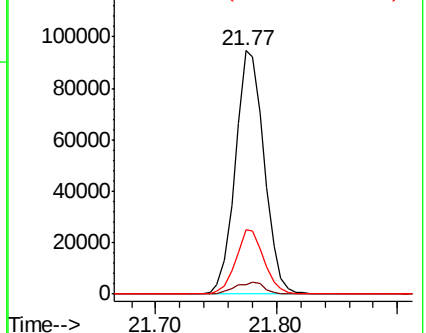
236 26.6 21.3 31.9



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: 91.336 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

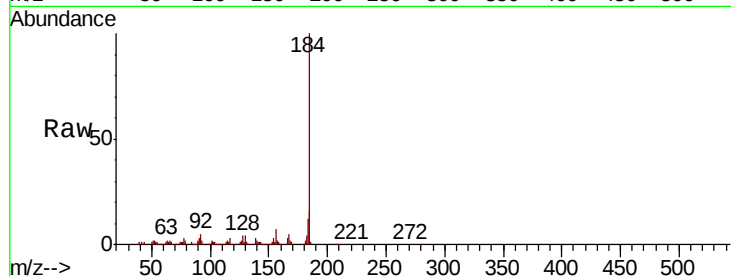
Tot Ion:184 Resp: 343197

Ion Ratio Lower Upper

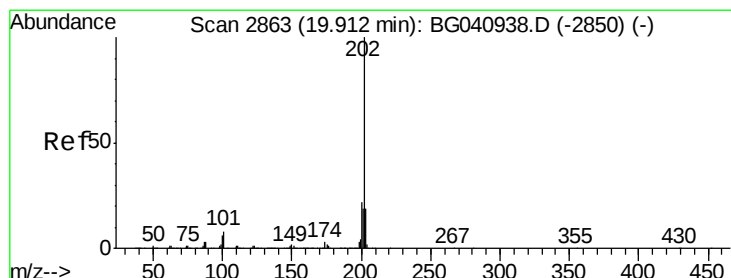
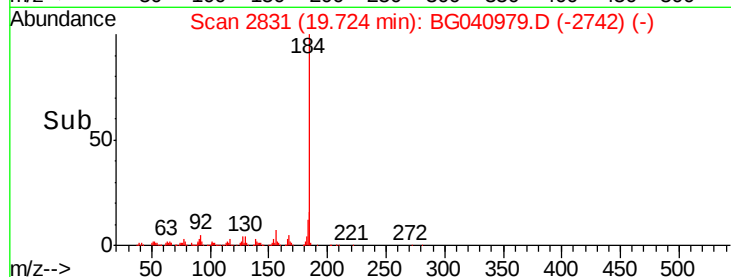
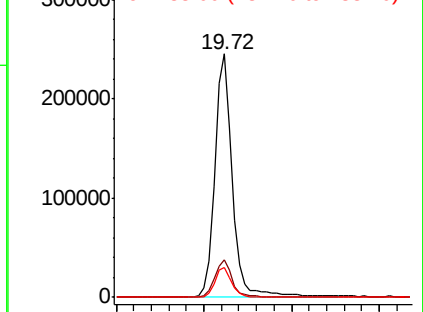
184 100

185 15.6 13.3 19.9

183 12.1 10.7 16.1



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: 98.343 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

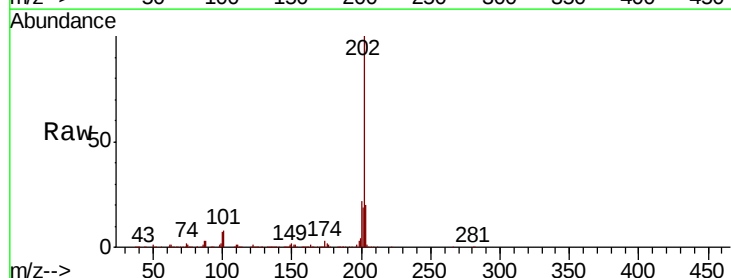
Tgt Ion:202 Resp: 1006968

Ion Ratio Lower Upper

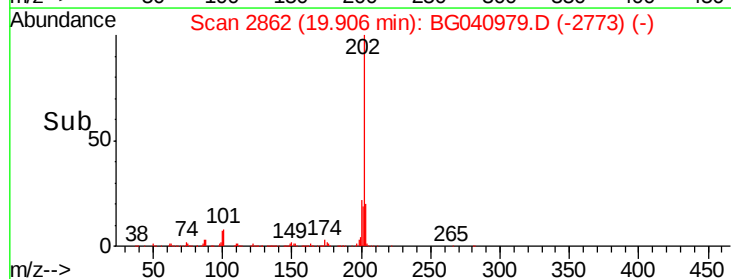
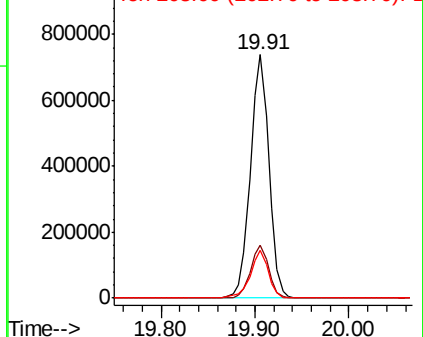
202 100

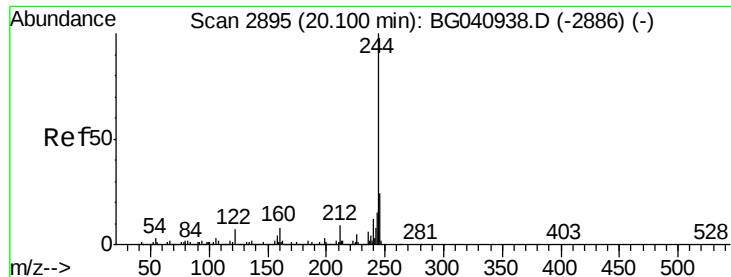
200 21.5 17.5 26.3

203 19.9 15.6 23.4



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: 105.978 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

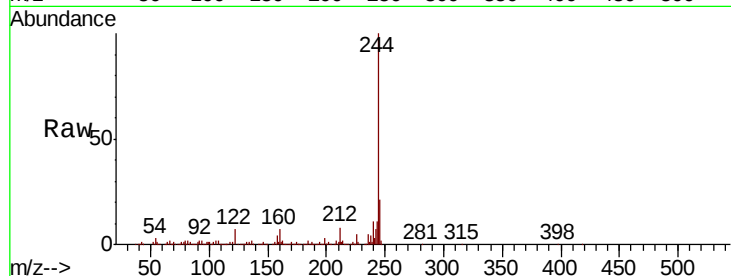
Tot Ion:244 Resp: 786532

Ion Ratio Lower Upper

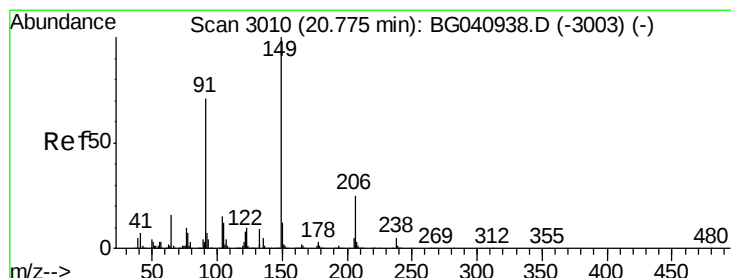
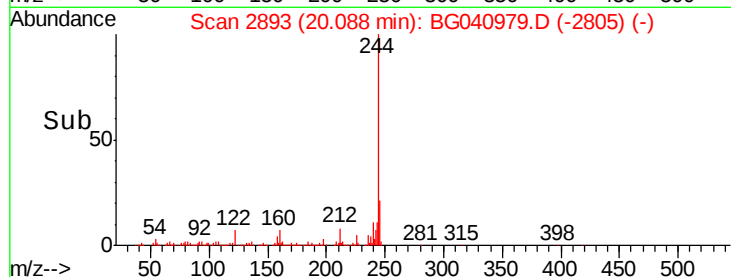
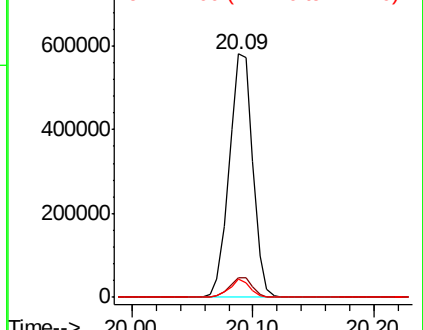
244 100

212 7.9 7.0 10.4

122 7.3 5.4 8.0



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: 96.135 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

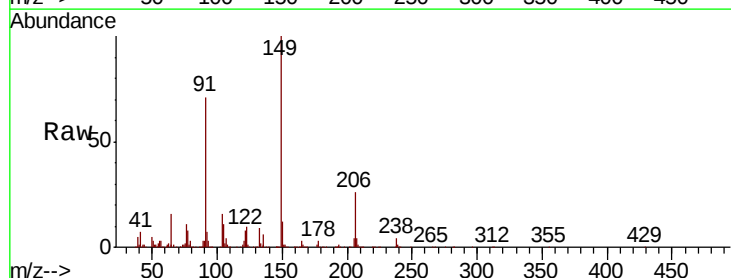
Tgt Ion:149 Resp: 383073

Ion Ratio Lower Upper

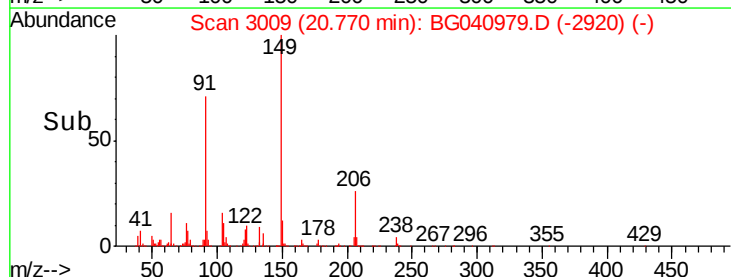
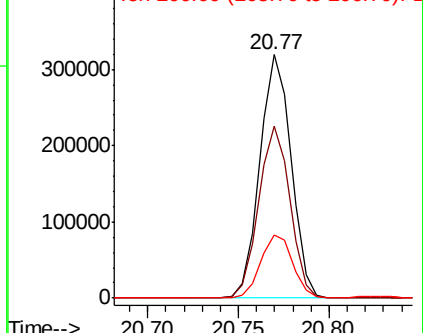
149 100

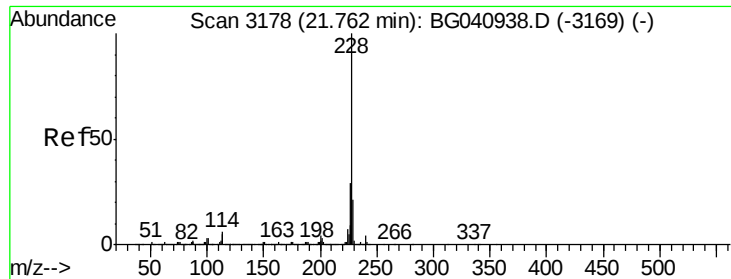
91 70.8 56.5 84.7

206 26.1 20.3 30.5



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: 93.508 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

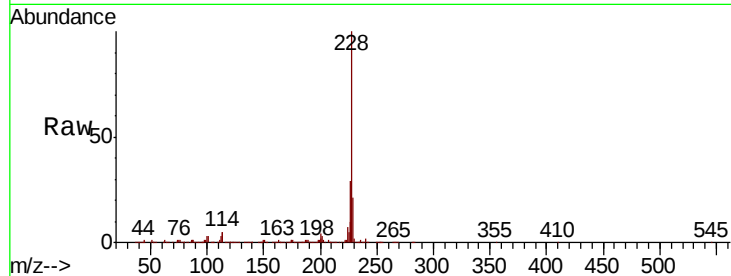
Tot Ion:228 Resp: 980435

Ion Ratio Lower Upper

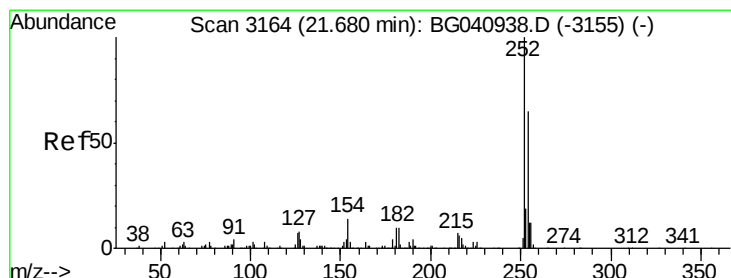
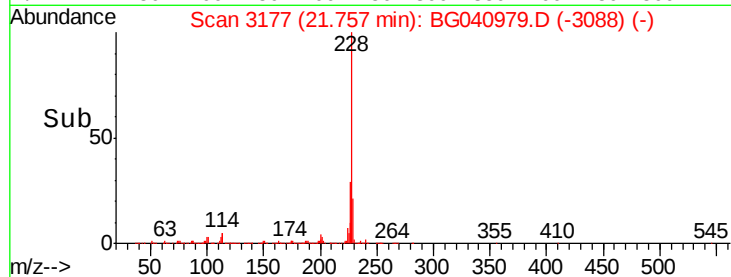
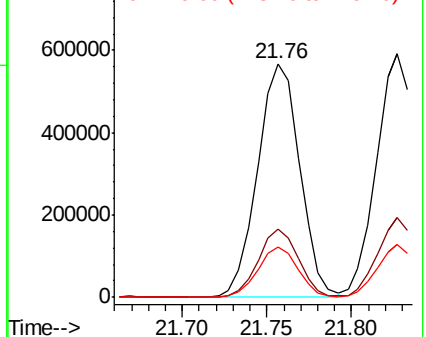
228 100

226 29.5 23.5 35.3

229 21.5 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 62.602 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

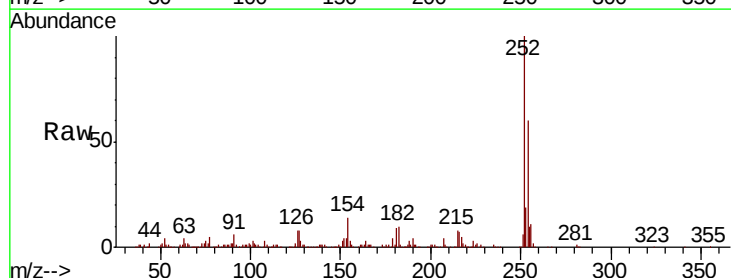
Tgt Ion:252 Resp: 230867

Ion Ratio Lower Upper

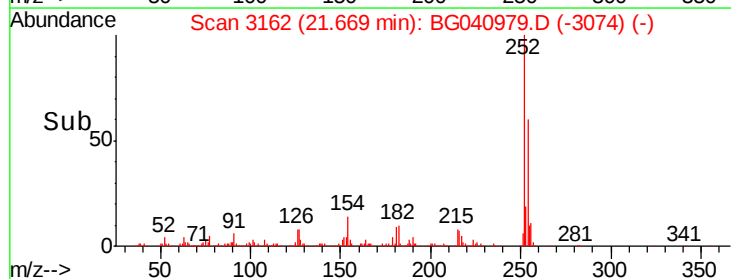
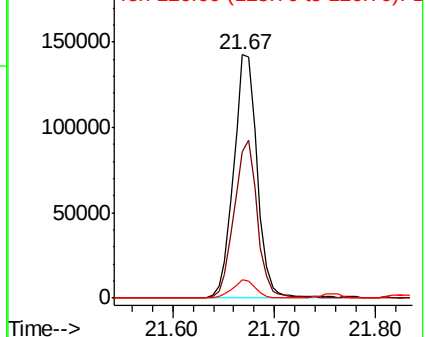
252 100

254 60.0 52.1 78.1

126 7.7 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E
150000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 96.395 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

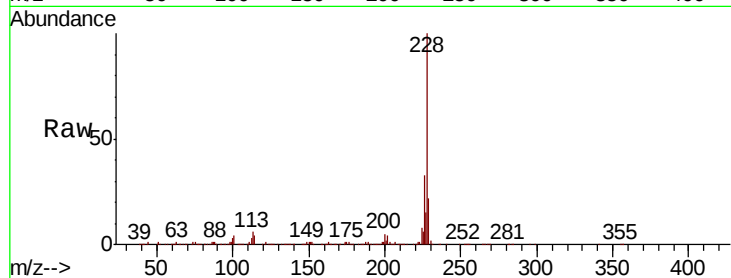
BNA_G

ClientSampleId :

PB119288BS

Tot Ion:228 Resp: 967209

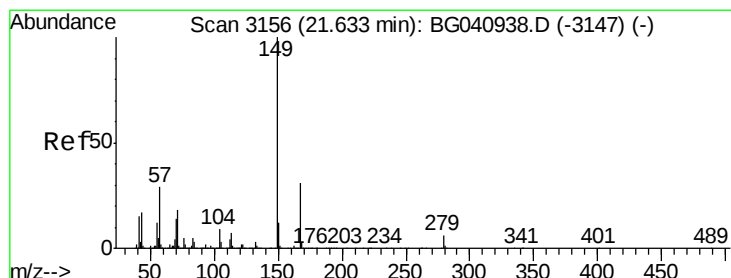
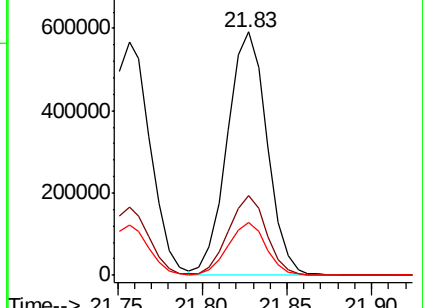
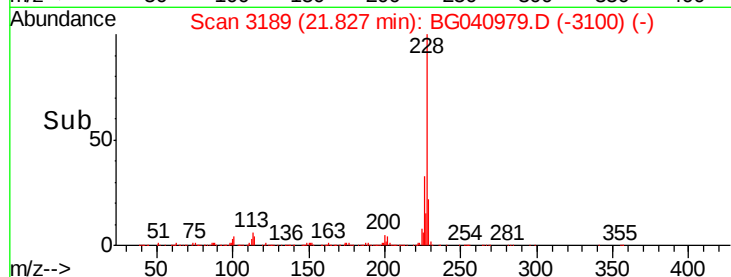
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.6	37.0
229	21.7	16.6	24.8



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: 92.824 ng

RT: 21.63 min Scan# 3155

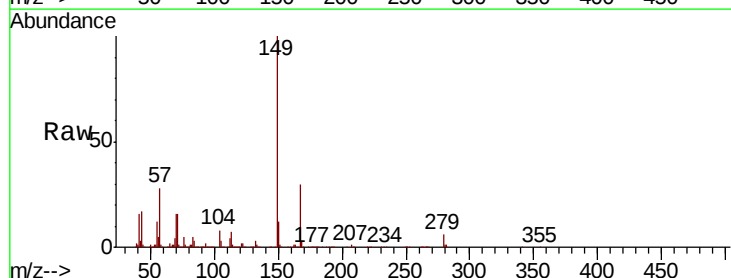
Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Tgt Ion:149 Resp: 520687

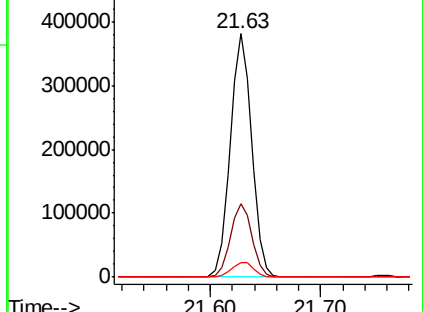
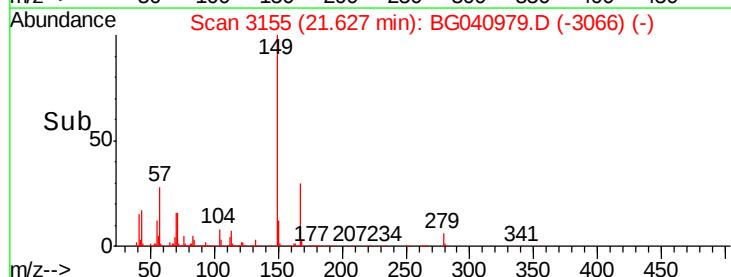
Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.6	37.0
279	5.9	5.0	7.6

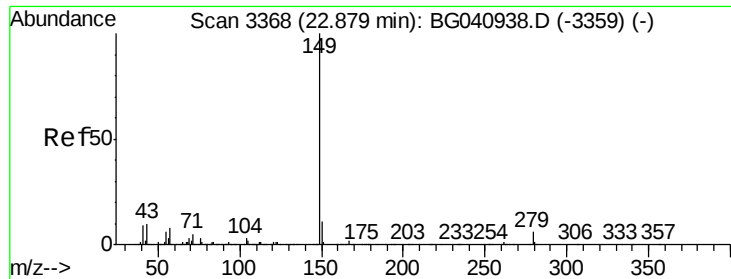


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

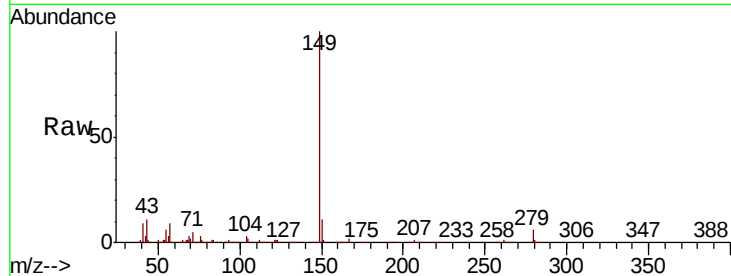




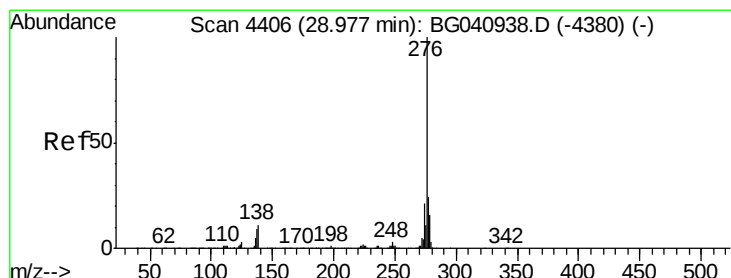
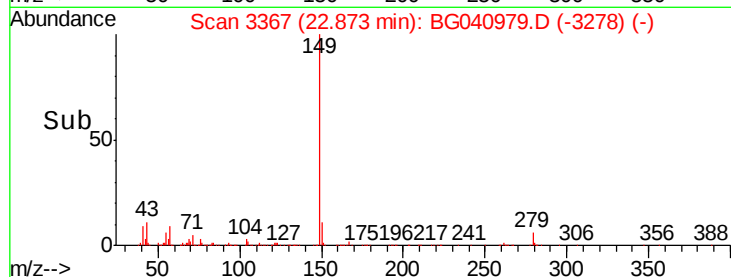
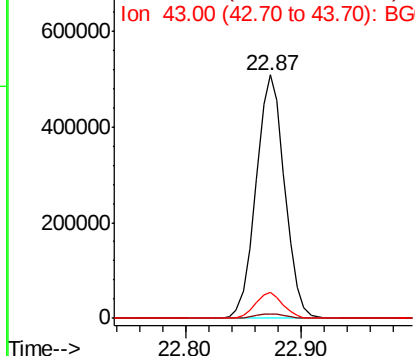
#85
Di-n-octyl phthalate
Concen: 93.903 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119288BS

Tot Ion:149 Resp: 877248
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 10.5 8.1 12.1

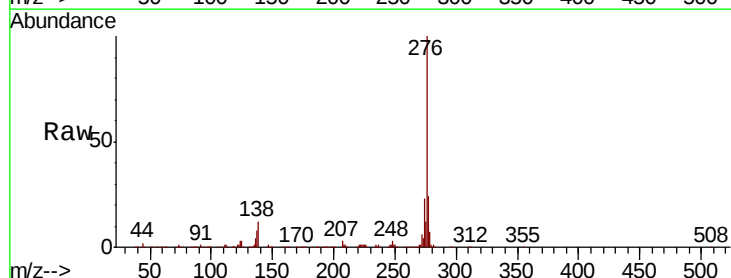


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

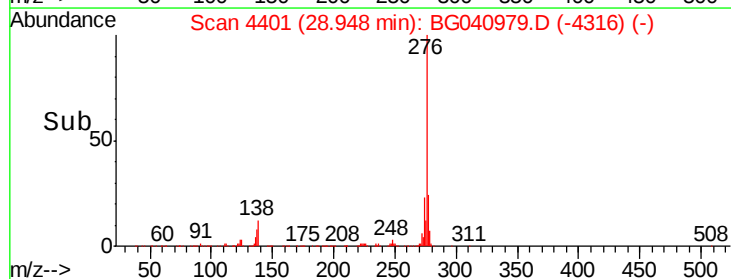
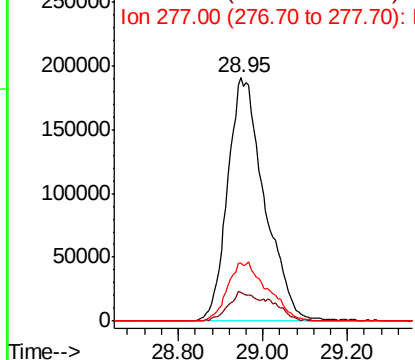


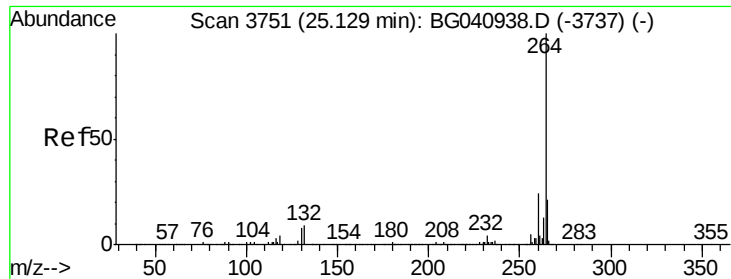
#86
Indeno(1,2,3-cd)pyrene
Concen: 93.420 ng
RT: 28.95 min Scan# 4401
Delta R.T. -0.03 min
Lab File: BG040979.D
Acq: 31 May 2019 15:25

Tgt Ion:276 Resp: 1148243
Ion Ratio Lower Upper
276 100
138 10.1 5.7 8.5#
277 0.0 20.8 31.2#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

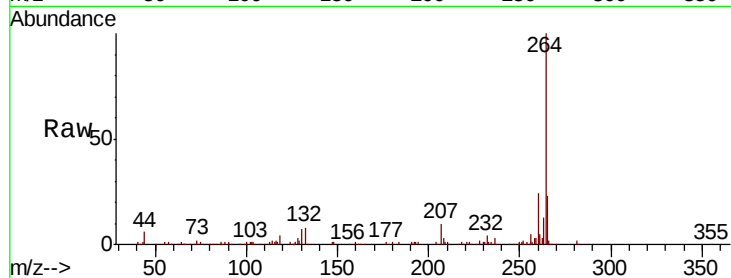
BNA_G

ClientSampleId :

PB119288BS

Tot Ion:264 Resp: 161277

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	23.3	17.0	25.4

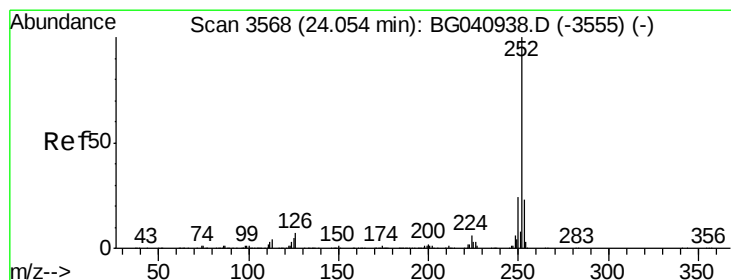
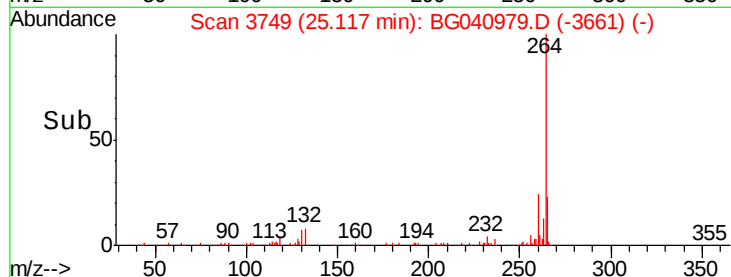
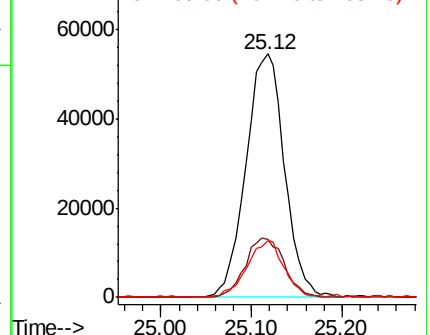


Abundance

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: 101.153 ng

RT: 24.05 min Scan# 3567

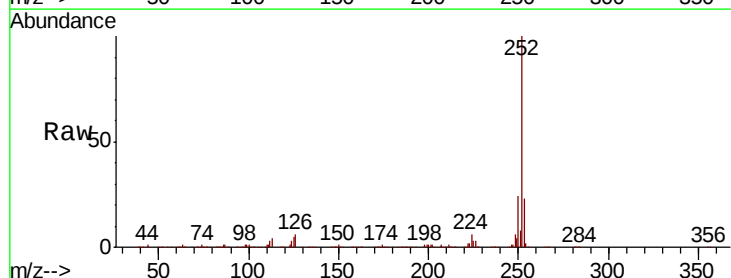
Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Tgt Ion:252 Resp: 989475

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	5.4	4.3	6.5

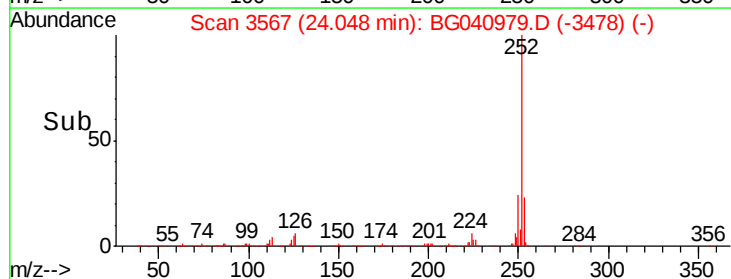
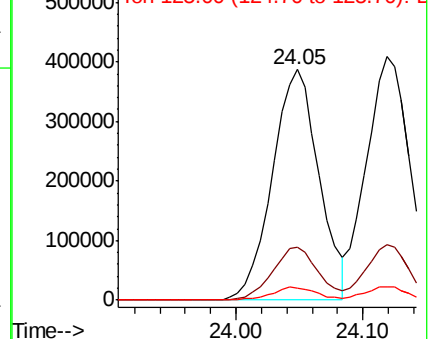


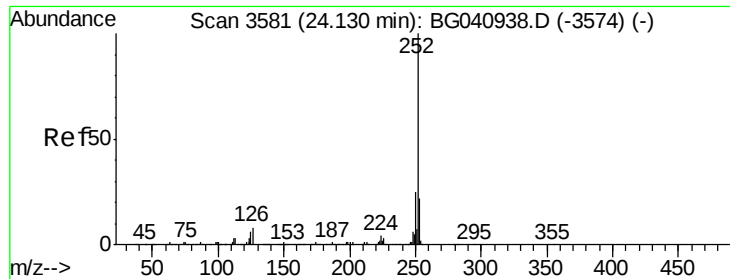
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 100.684 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119288BS

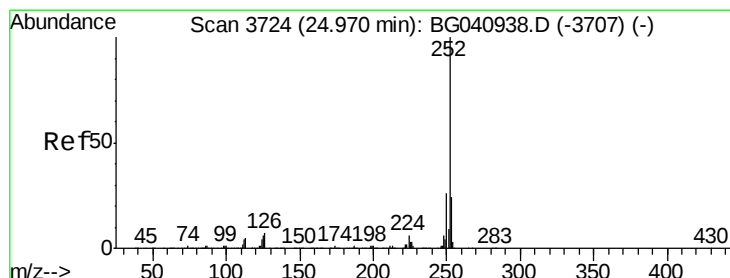
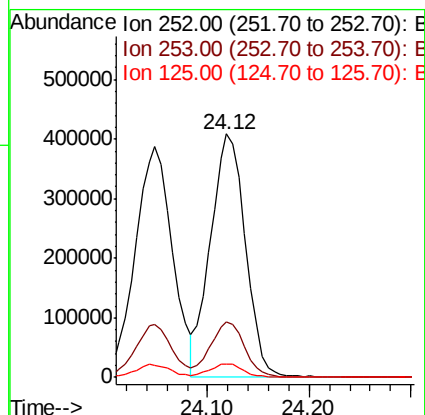
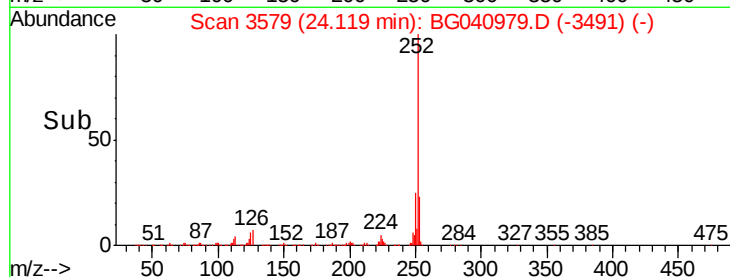
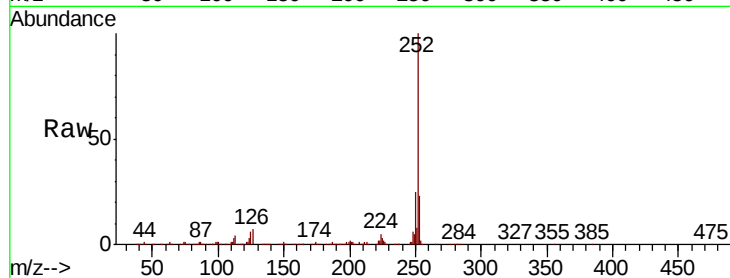
Tot Ion:252 Resp: 974616

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 5.7 4.7 7.1



#90

Benzo(a)pyrene

Concen: 103.868 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

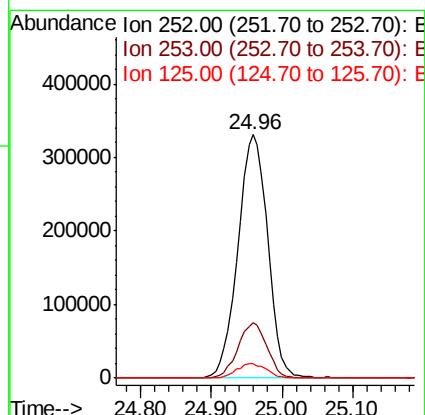
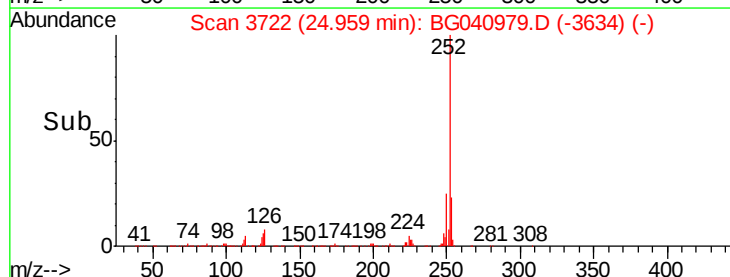
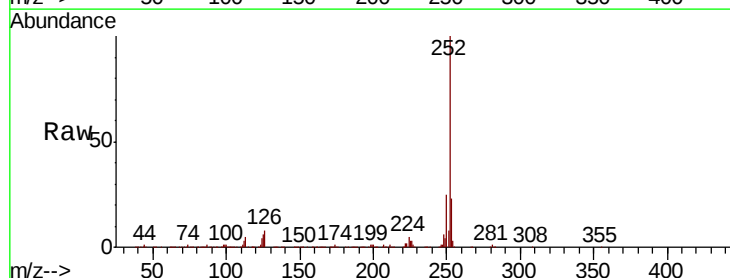
Tgt Ion:252 Resp: 969373

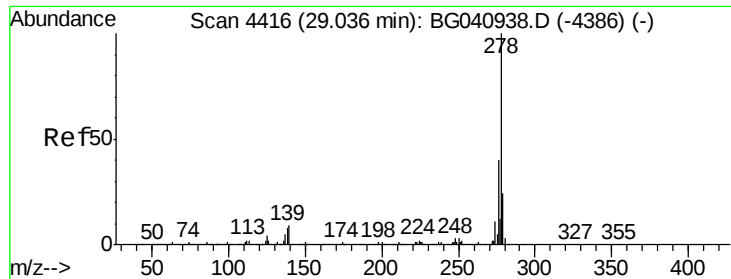
Ion Ratio Lower Upper

252 100

253 22.6 19.5 29.3

125 5.9 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 100.970 ng

RT: 29.02 min Scan# 4413

Delta R.T. -0.02 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

Instrument :

BNA_G

ClientSampled :

PB119288BS

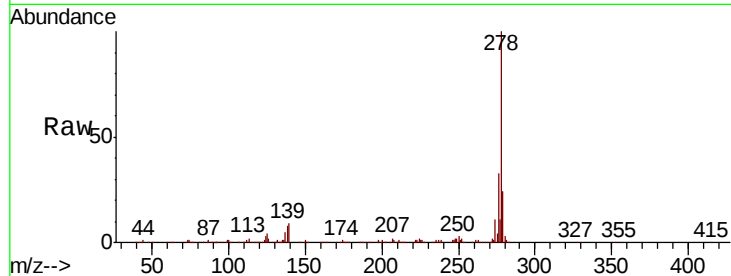
Tot Ion:278 Resp: 941583

Ion Ratio Lower Upper

278 100

139 8.6 7.1 10.7

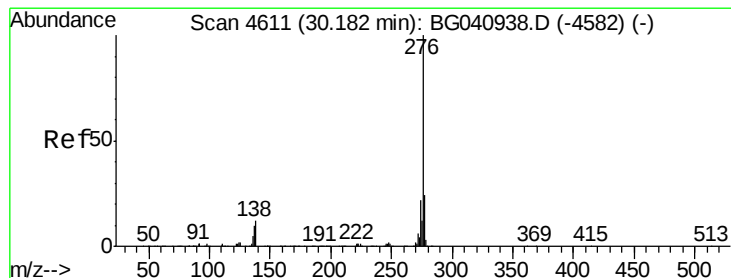
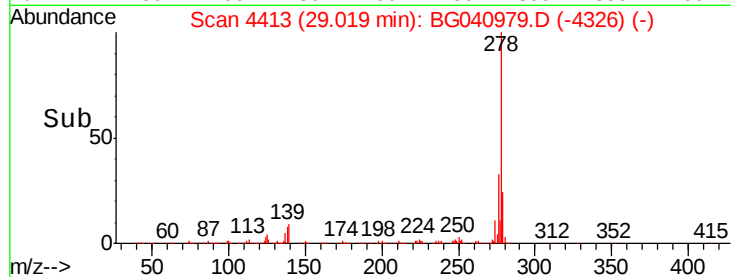
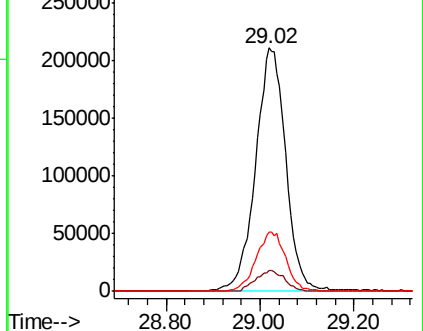
279 24.1 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 105.798 ng

RT: 30.16 min Scan# 4608

Delta R.T. -0.02 min

Lab File: BG040979.D

Acq: 31 May 2019 15:25

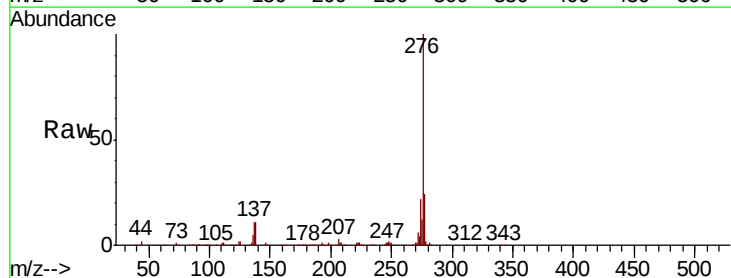
Tgt Ion:276 Resp: 958510

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 11.3 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

