

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040877.D
 Acq On : 11 May 2019 17:19
 Operator : HP/JU
 Sample : PB119645BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Quant Time: May 12 04:58:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	56454	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	226085	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	172204	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	442623	20.00	ng	-0.03
76) Chrysene-d12	21.80	240	463518	20.00	ng	-0.03
87) Perylene-d12	25.14	264	427656	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	470419	146.89	ng	-0.02
7) Phenol-d6	7.28	99	672189	136.32	ng	-0.02
23) Nitrobenzene-d5	9.31	82	393357	80.39	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	372207	157.25	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	906736	76.04	ng	-0.03
79) Terphenyl-d14	20.10	244	1720699	82.24	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47689	32.743	ng	90
3) Pyridine	3.94	79	121974	28.893	ng	97
4) n-Nitrosodimethylamine	3.86	42	78906	33.697	ng	# 84
6) Aniline	7.45	93	187973	28.760	ng	99
8) 2-Chlorophenol	7.69	128	154350	39.471	ng	98
9) Benzaldehyde	7.27	77	79825	23.569	ng	95
10) Phenol	7.30	94	210170	39.650	ng	96
11) bis(2-Chloroethyl)ether	7.55	93	141022	35.478	ng	94
12) 1,3-Dichlorobenzene	8.02	146	153958	36.071	ng	96
13) 1,4-Dichlorobenzene	8.17	146	154753	35.766	ng	100
14) 1,2-Dichlorobenzene	8.49	146	150741	36.125	ng	95
15) Benzyl Alcohol	8.37	79	173637	33.842	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	226382	28.606	ng	94
17) 2-Methylphenol	8.56	107	144281	38.463	ng	90
18) Hexachloroethane	9.22	117	60202	33.918	ng	96
19) n-Nitroso-di-n-propylamine	8.94	70	141923	31.973	ng	94
20) 3+4-Methylphenols	8.89	107	201426	38.545	ng	97
22) Acetophenone	8.96	105	251632	40.025	ng	# 94
24) Nitrobenzene	9.36	77	209378	40.107	ng	95
25) Isophorone	9.87	82	396845	36.411	ng	99
26) 2-Nitrophenol	10.06	139	91067	48.664	ng	94
27) 2,4-Dimethylphenol	10.10	122	162330	46.233	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	206700	37.800	ng	98
29) 2,4-Dichlorophenol	10.59	162	184036	46.105	ng	95
30) 1,2,4-Trichlorobenzene	10.81	180	188192	42.514	ng	99
31) Naphthalene	11.01	128	479053	39.884	ng	99
32) Benzoic acid	10.23	122	107047	44.535	ng	95
33) 4-Chloroaniline	11.11	127	136375	25.608	ng	94
34) Hexachlorobutadiene	11.27	225	138069	42.249	ng	98
35) Caprolactam	11.91	113	33770	21.428	ng	# 70
36) 4-Chloro-3-methylphenol	12.22	107	212710	42.242	ng	98
37) 2-Methylnaphthalene	12.60	142	363473	40.474	ng	99
38) 1-Methylnaphthalene	12.82	142	352455	40.152	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	262509	40.921	ng	98

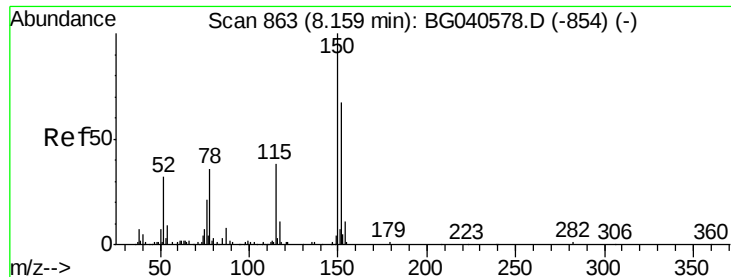
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	325074	85.876	ng	98
43) 2,4,6-Trichlorophenol	13.19	196	181413	46.796	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	195503	46.294	ng	94
46) 1,1'-Biphenyl	13.60	154	499453	37.356	ng	96
47) 2-Chloronaphthalene	13.65	162	412026	39.378	ng	99
48) 2-Nitroaniline	13.85	65	157768	42.359	ng	96
49) Acenaphthylene	14.49	152	651466	36.698	ng	100
50) Dimethylphthalate	14.21	163	567790	39.408	ng	99
51) 2,6-Dinitrotoluene	14.34	165	128399	45.661	ng	87
52) Acenaphthene	14.83	154	383017	37.049	ng	93
53) 3-Nitroaniline	14.68	138	87520	30.376	ng	# 97
54) 2,4-Dinitrophenol	14.87	184	178998	109.984	ng	# 88
55) Dibenzofuran	15.16	168	659595	38.953	ng	99
56) 4-Nitrophenol	14.96	139	201682	80.727	ng	92
57) 2,4-Dinitrotoluene	15.13	165	179977	47.102	ng	87
58) Fluorene	15.81	166	520852	38.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	201612	47.432	ng	94
60) Diethylphthalate	15.56	149	580034	38.156	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	328287	41.241	ng	94
62) 4-Nitroaniline	15.84	138	128194	39.775	ng	93
63) Azobenzene	16.09	77	535915	34.232	ng	97
65) 4,6-Dinitro-2-methylphenol	15.88	198	113888	51.596	ng	87
66) n-Nitrosodiphenylamine	16.01	169	483103	37.098	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	219526	39.809	ng	96
68) Hexachlorobenzene	16.80	284	226810	39.777	ng	97
69) Atrazine	16.95	200	206713	40.065	ng	94
70) Pentachlorophenol	17.15	266	304236	91.181	ng	97
71) Phenanthrene	17.55	178	890366	37.346	ng	99
72) Anthracene	17.64	178	911683	38.044	ng	99
73) Carbazole	17.91	167	808071	37.011	ng	99
74) Di-n-butylphthalate	18.45	149	977297	37.086	ng	99
75) Fluoranthene	19.55	202	1193774	40.181	ng	99
77) Benzidine	19.73	184	395133	31.134	ng	99
78) Pyrene	19.92	202	1192583	41.051	ng	99
80) Butylbenzylphthalate	20.78	149	459109	40.547	ng	95
81) Benzo(a)anthracene	21.77	228	1157788	39.522	ng	100
82) 3,3'-Dichlorobenzidine	21.68	252	366537	35.104	ng	97
83) Chrysene	21.84	228	1138610	40.869	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	632400	38.692	ng	# 96
85) Di-n-octyl phthalate	22.89	149	1067017	38.763	ng	95
86) Indeno(1,2,3-cd)pyrene	28.99	276	1404451	41.695	ng	# 92
88) Benzo(b)fluoranthene	24.07	252	1205103	46.113	ng	96
89) Benzo(k)fluoranthene	24.14	252	1152417	47.219	ng	97
90) Benzo(a)pyrene	24.99	252	1160794	46.925	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	1159342	46.312	ng	# 96
92) Benzo(g,h,i)perylene	30.20	276	1175578	47.185	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

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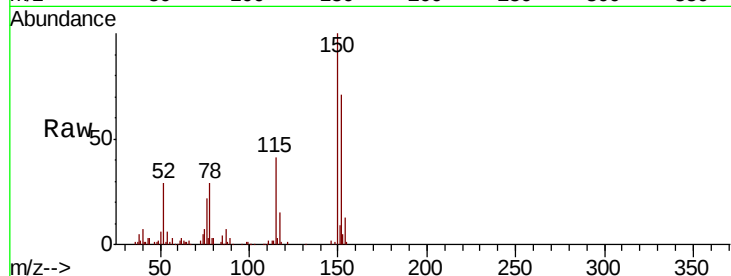
Tgt Ion:152 Resp: 56454

Ion Ratio Lower Upper

152 100

150 140.3 120.2 180.2

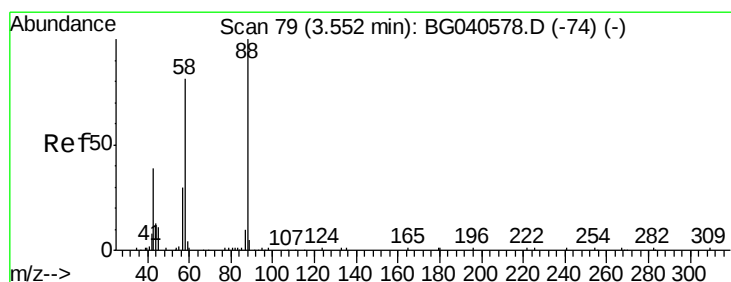
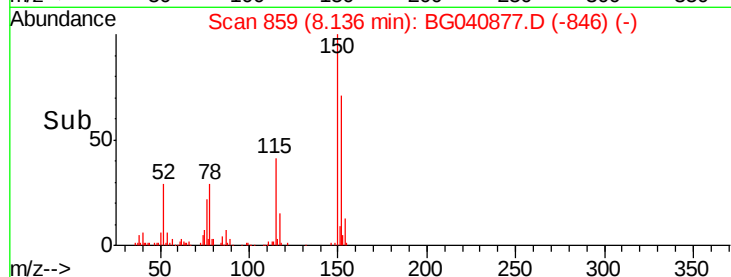
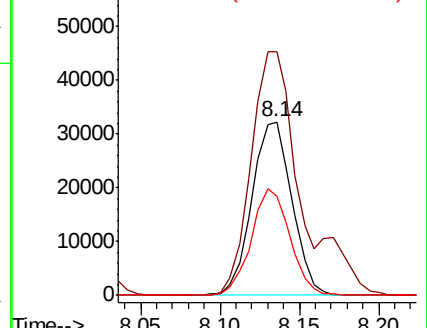
115 56.9 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.743 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

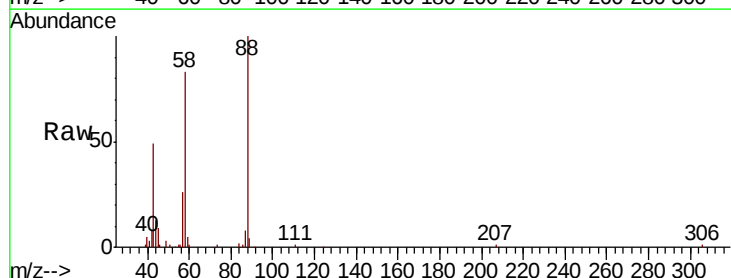
Tgt Ion: 88 Resp: 47689

Ion Ratio Lower Upper

88 100

58 76.7 71.2 106.8

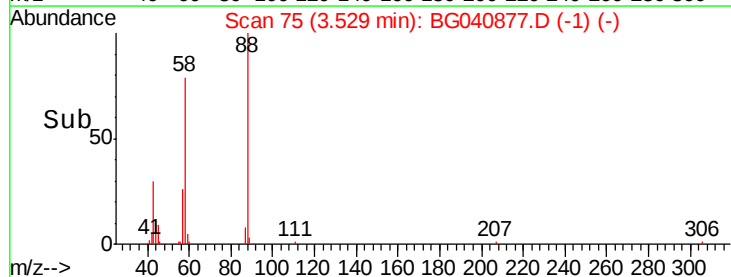
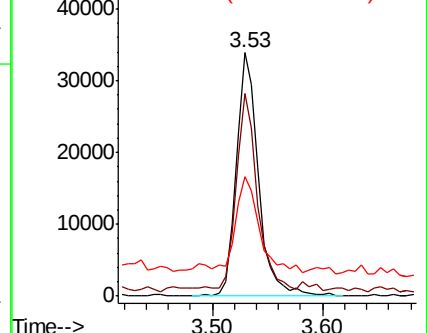
43 41.9 35.6 53.4

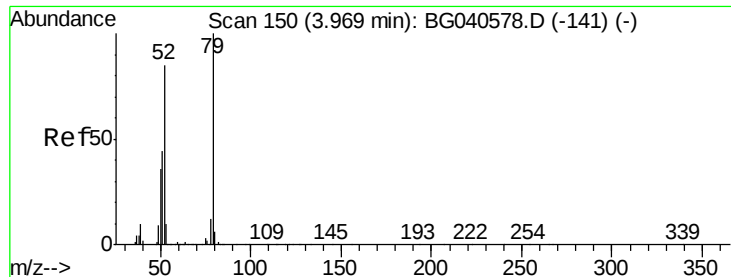


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.893 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040877.D

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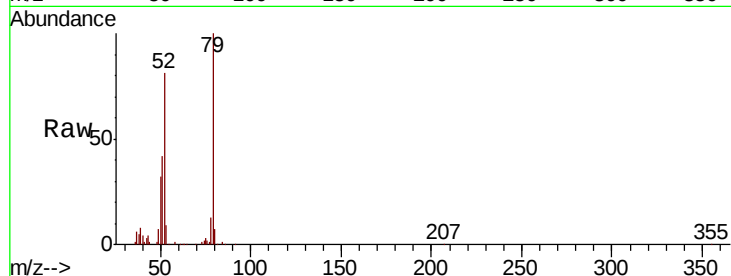
Tgt Ion: 79 Resp: 121974

Ion Ratio Lower Upper

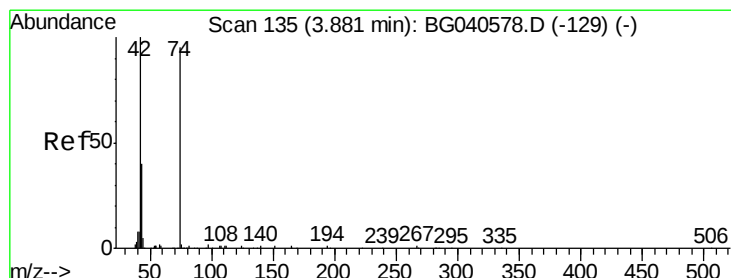
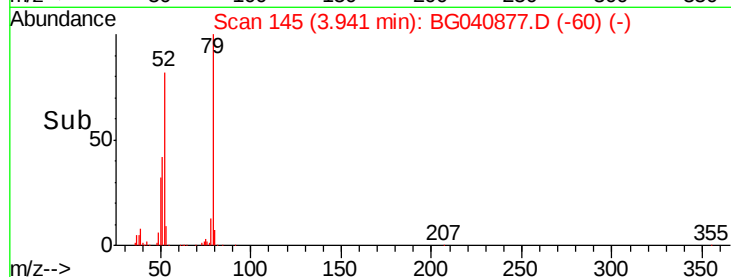
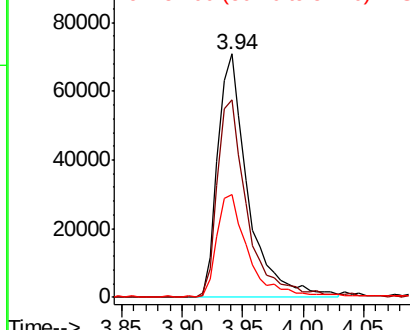
79 100

52 81.3 67.5 101.3

51 42.4 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 33.697 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

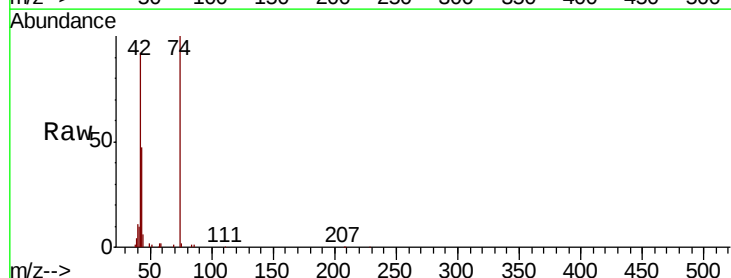
Tgt Ion: 42 Resp: 78906

Ion Ratio Lower Upper

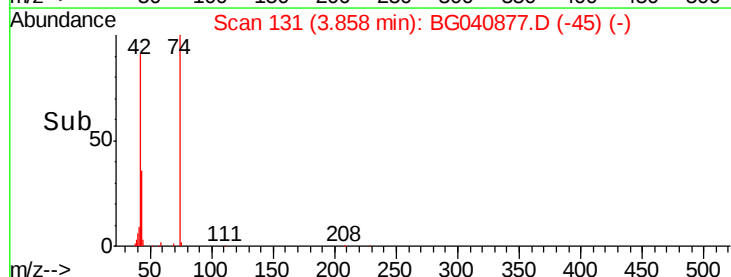
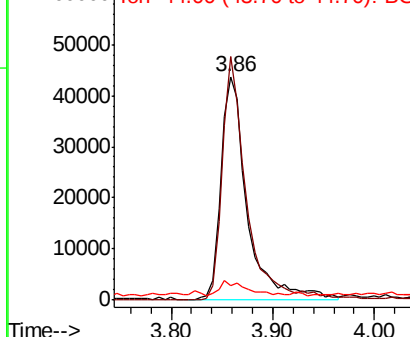
42 100

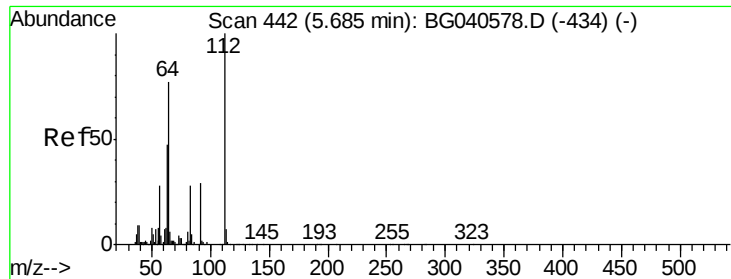
74 108.9 74.6 111.8

44 6.4 7.4 11.0#



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





#5

2-Fluorophenol

Concen: 146.887 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040877.D

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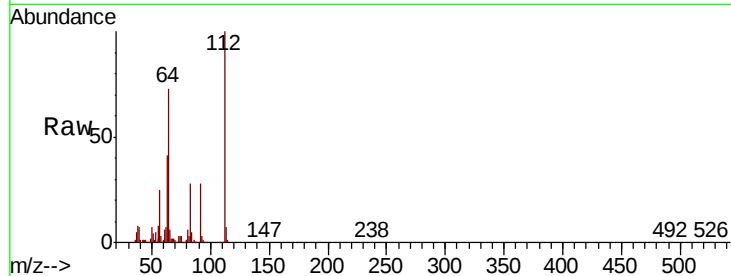
Tgt Ion: 112 Resp: 470419

Ion Ratio Lower Upper

112 100

64 72.7 61.4 92.0

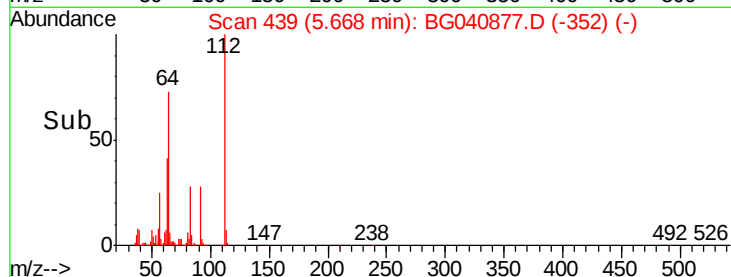
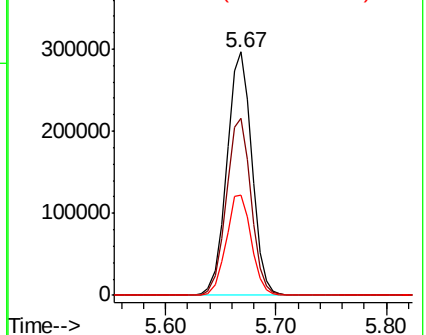
63 41.0 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.760 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

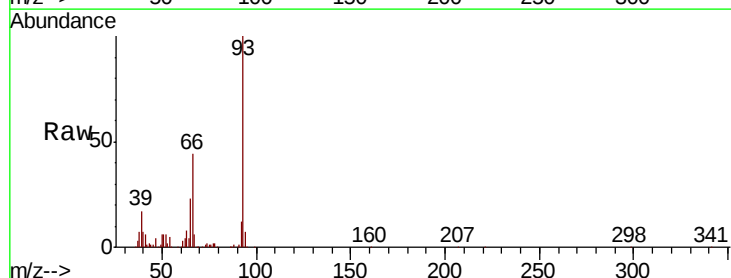
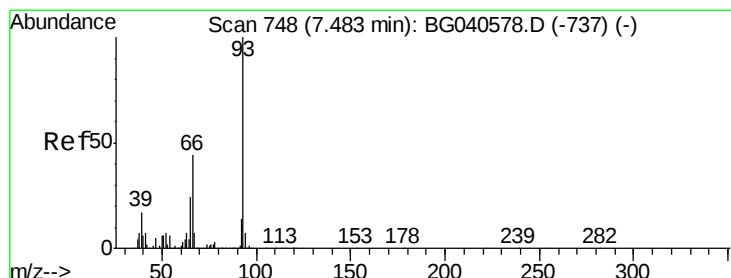
Tgt Ion: 93 Resp: 187973

Ion Ratio Lower Upper

93 100

66 43.9 35.5 53.3

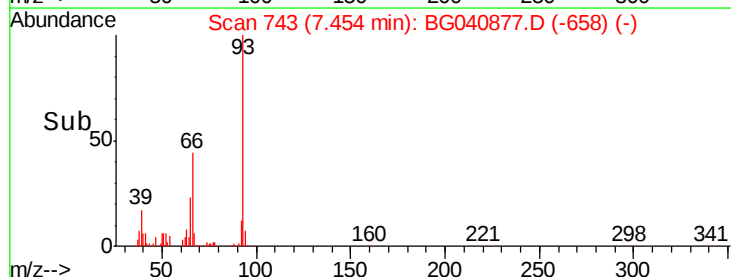
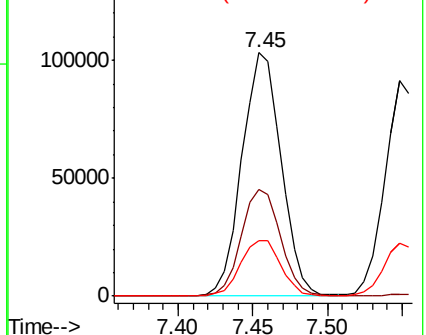
65 22.9 19.2 28.8



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: 136.317 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

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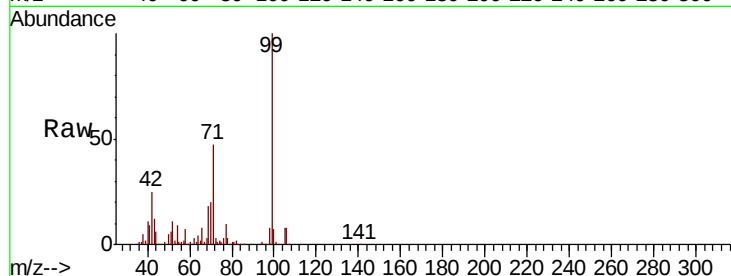
Tgt Ion: 99 Resp: 672189

Ion Ratio Lower Upper

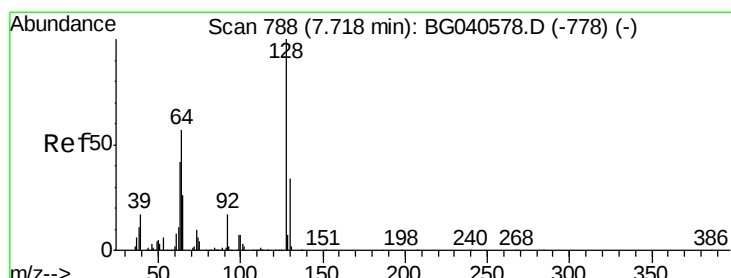
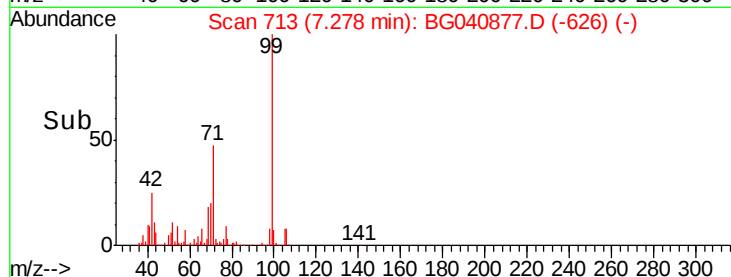
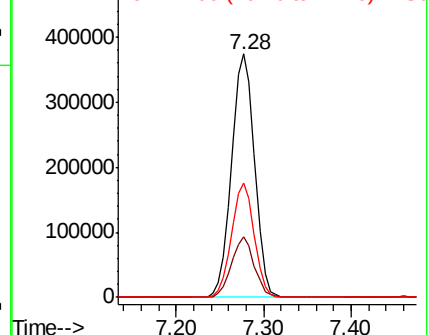
99 100

42 25.0 21.8 32.8

71 47.2 38.6 57.8



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



#8

2-Chlorophenol

Concen: 39.471 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

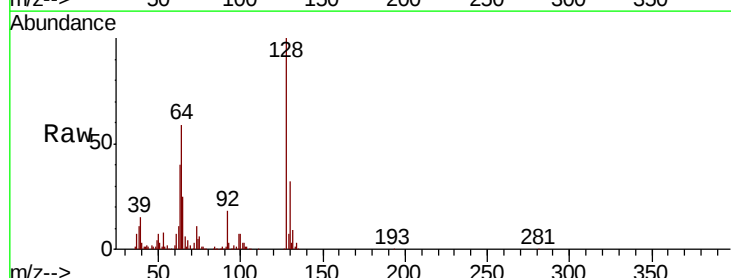
Tgt Ion: 128 Resp: 154350

Ion Ratio Lower Upper

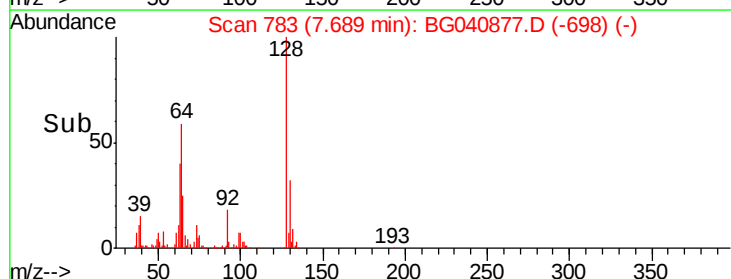
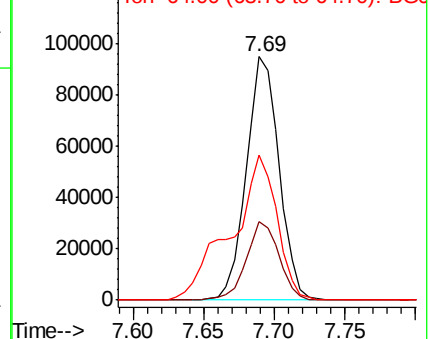
128 100

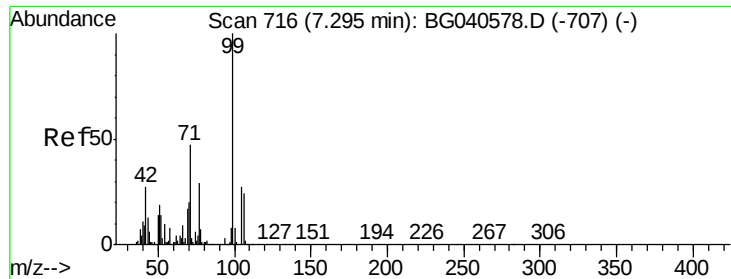
130 32.5 14.5 54.5

64 59.4 38.4 78.4



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





#9

Benzaldehyde

Concen: 23.569 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

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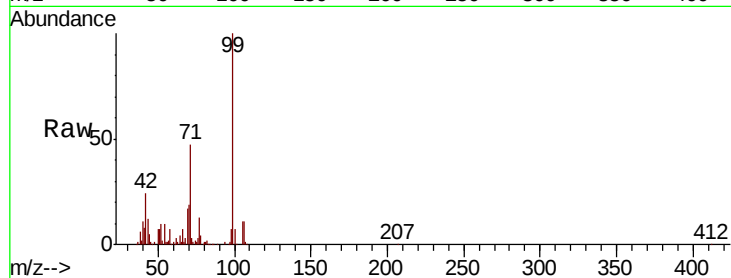
Tgt Ion: 77 Resp: 79825

Ion Ratio Lower Upper

77 100

105 86.7 72.0 112.0

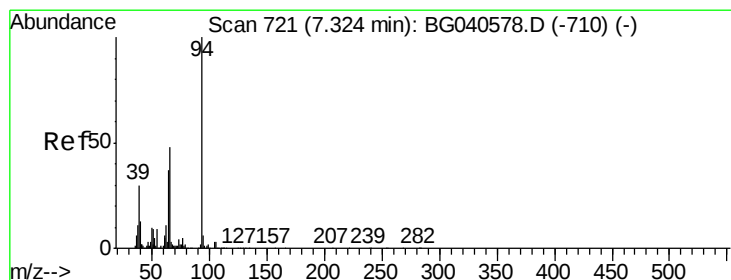
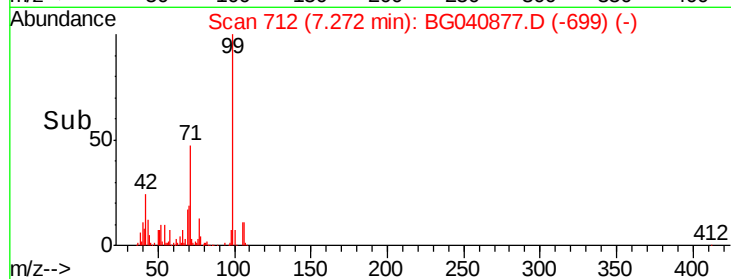
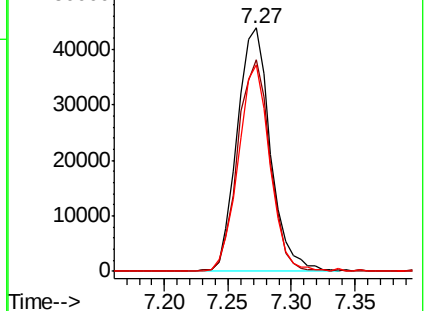
106 84.9 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.650 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

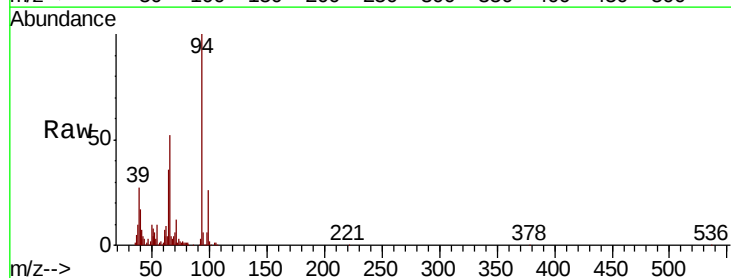
Tgt Ion: 94 Resp: 210170

Ion Ratio Lower Upper

94 100

65 36.3 17.0 57.0

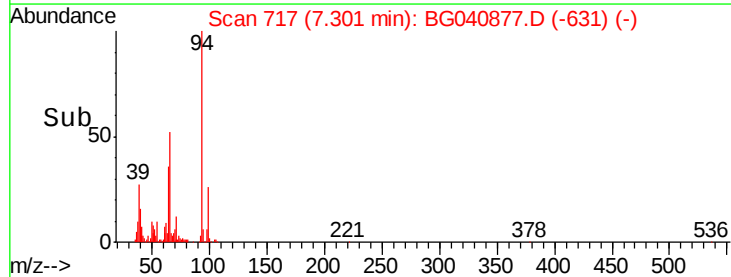
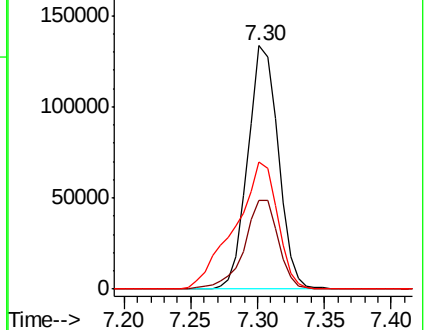
66 52.4 28.6 68.6

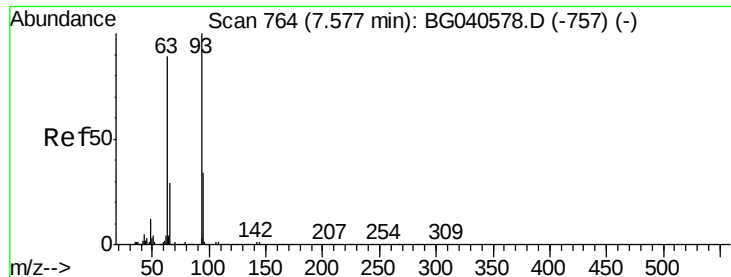


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

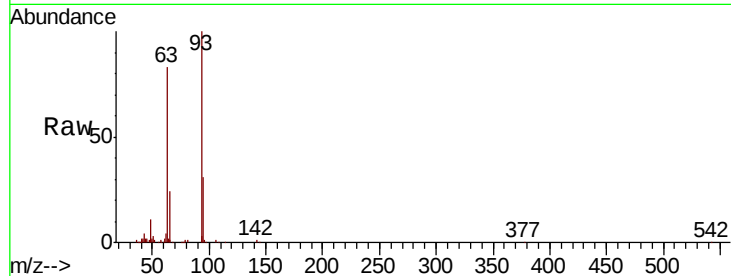




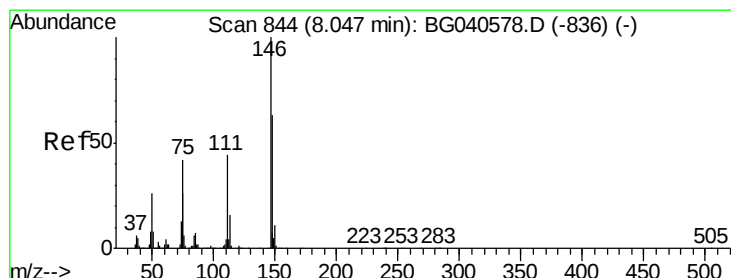
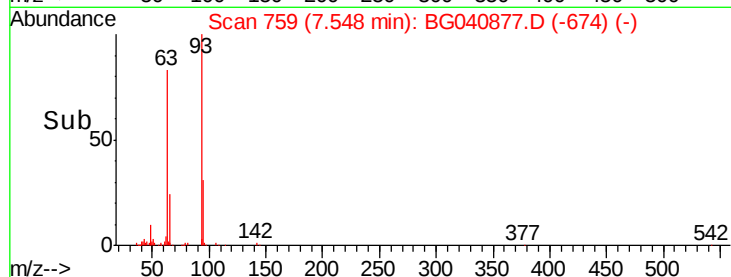
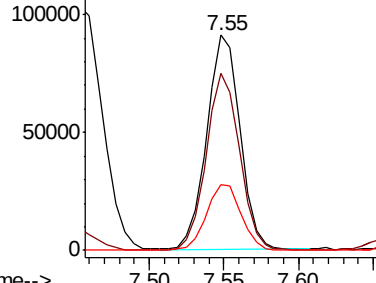
#11
bis(2-Chloroethyl)ether
Concen: 35.478 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion: 93 Resp: 141022
Ion Ratio Lower Upper
93 100
63 82.6 68.2 108.2
95 30.8 14.3 54.3

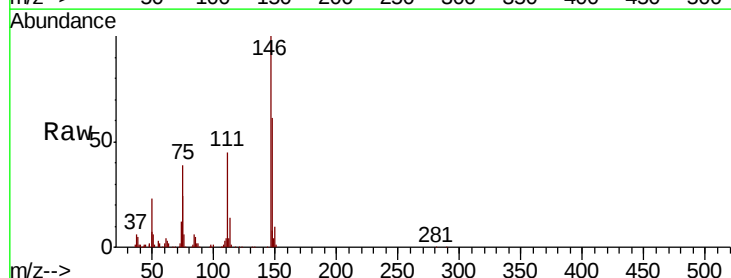


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

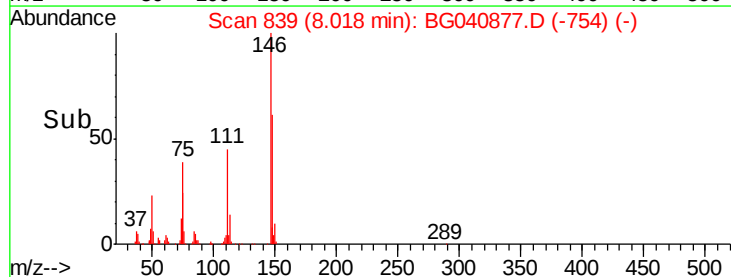
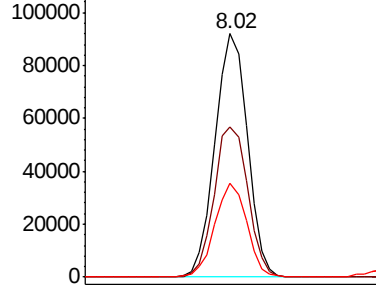


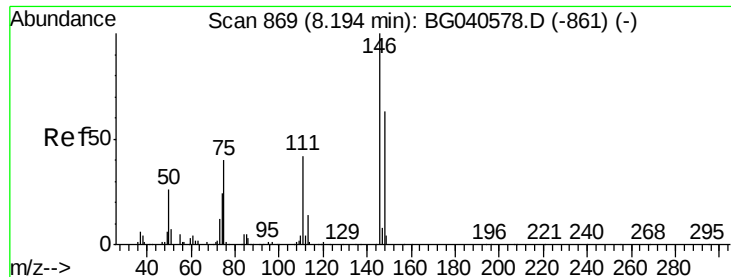
#12
1,3-Dichlorobenzene
Concen: 36.071 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion: 146 Resp: 153958
Ion Ratio Lower Upper
146 100
148 61.5 50.7 76.1
75 38.5 33.4 50.2



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

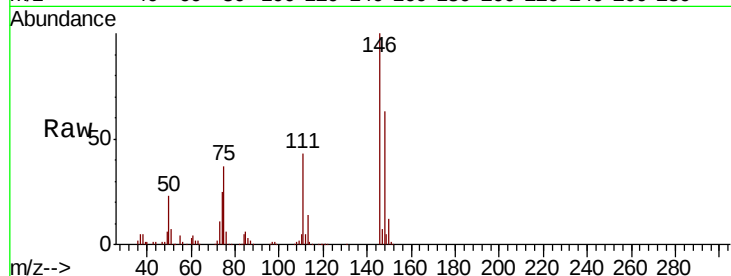




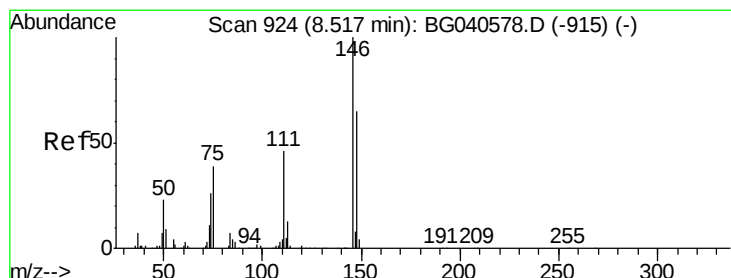
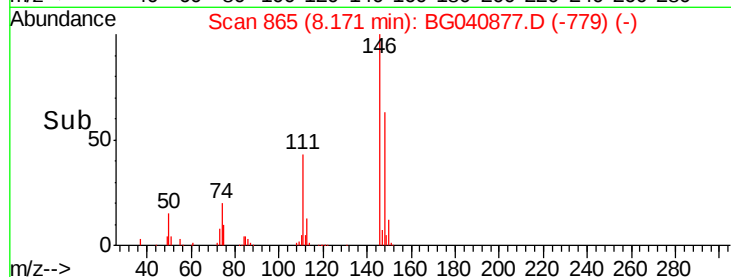
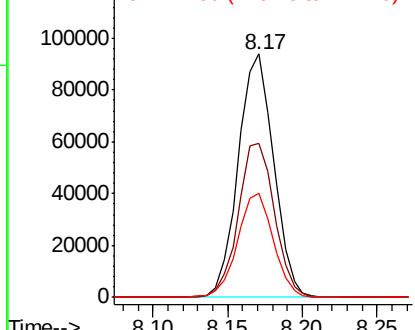
#13
 1,4-Dichlorobenzene
 Concen: 35.766 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion:146 Resp: 154753
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 42.9 34.3 51.5

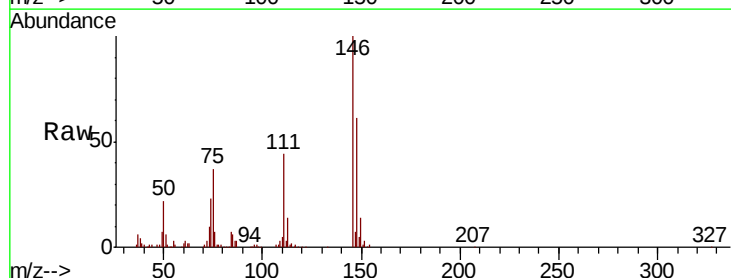


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

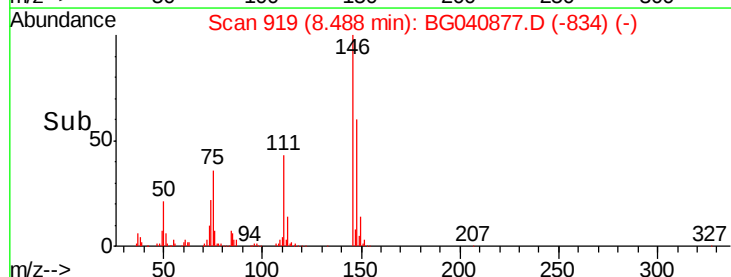
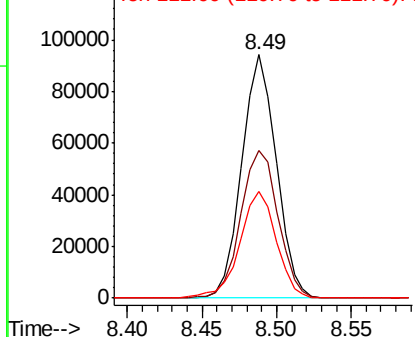


#14
 1,2-Dichlorobenzene
 Concen: 36.125 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion:146 Resp: 150741
 Ion Ratio Lower Upper
 146 100
 148 60.7 52.2 78.4
 111 43.7 37.4 56.0



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





#15

Benzyl Alcohol

Concen: 33.842 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

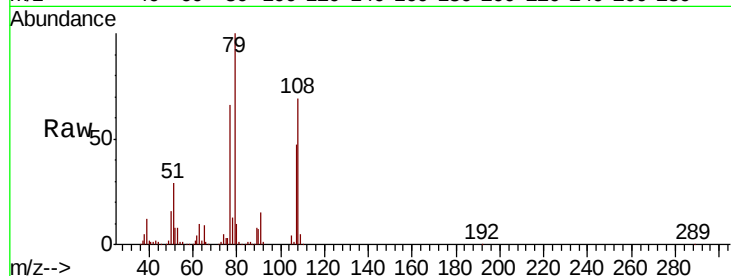
Tgt Ion: 79 Resp: 173637

Ion Ratio Lower Upper

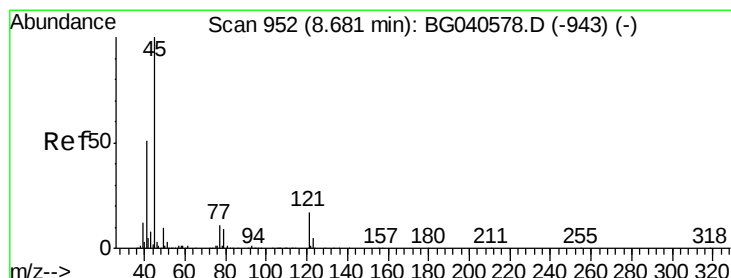
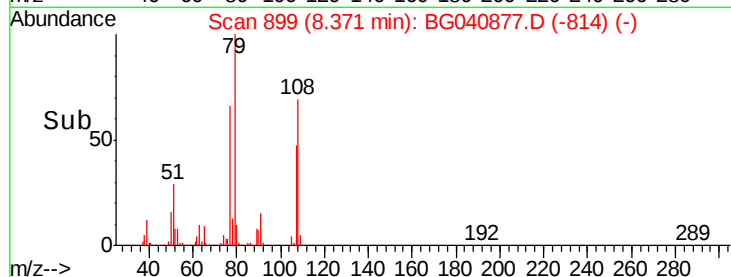
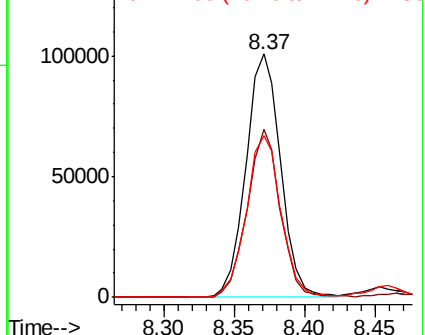
79 100

108 68.8 51.4 77.0

77 66.3 52.6 79.0



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: 28.606 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

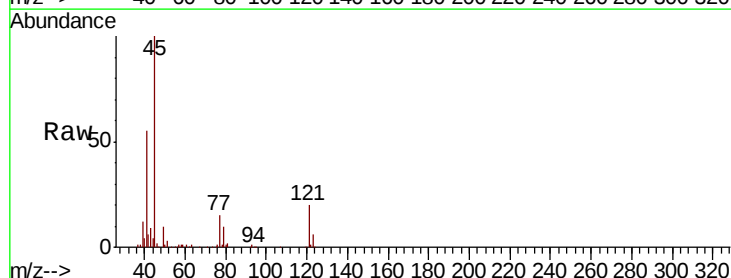
Tgt Ion: 45 Resp: 226382

Ion Ratio Lower Upper

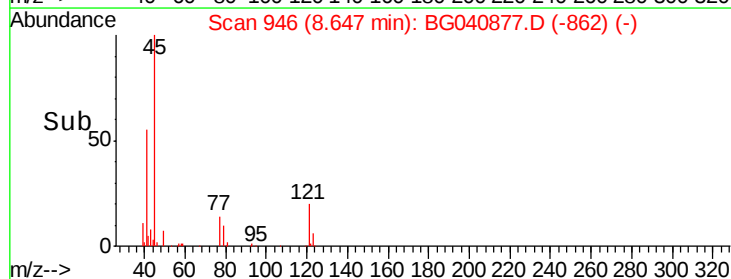
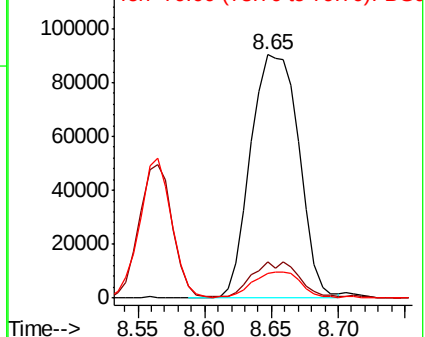
45 100

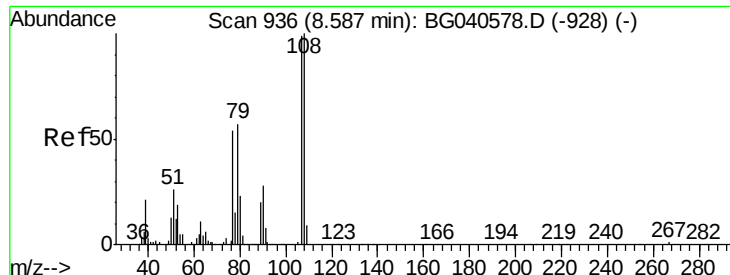
77 15.1 0.0 31.5

79 10.2 0.0 29.4



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

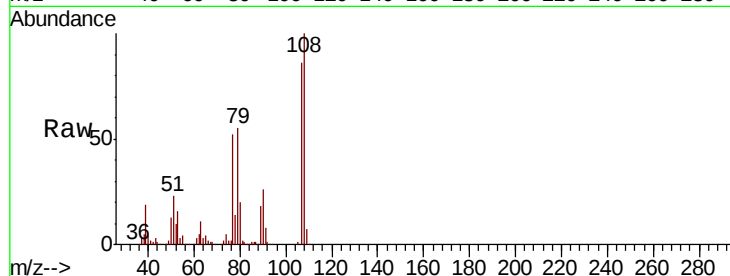




#17
2-Methylphenol
Concen: 38.463 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion:	107	Resp:	144281
Ion	Ratio	Lower	Upper
107	100		
108	115.6	81.2	121.8
77	60.0	44.4	66.6
79	63.2	47.0	70.4



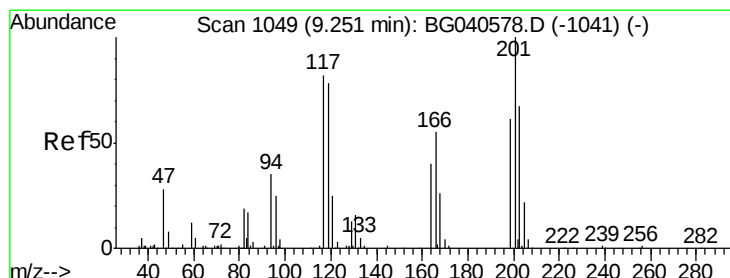
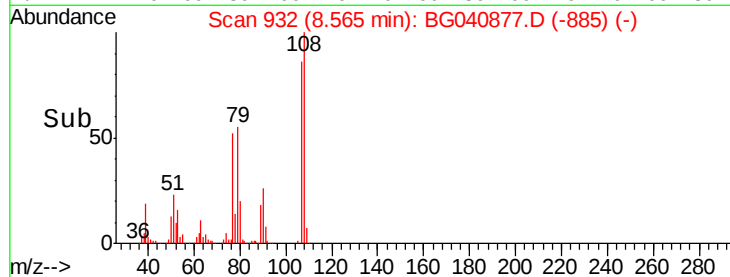
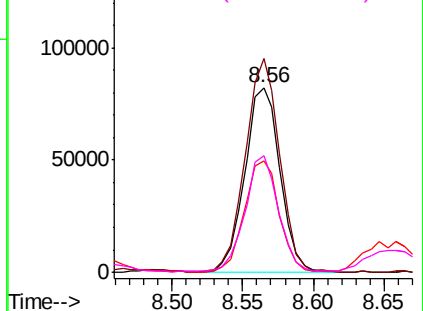
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

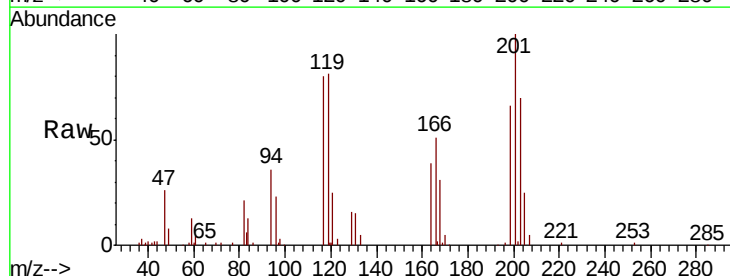
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.918 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:	117	Resp:	60202
Ion	Ratio	Lower	Upper
117	100		
119	103.2	76.6	114.8
201	125.5	101.0	151.6

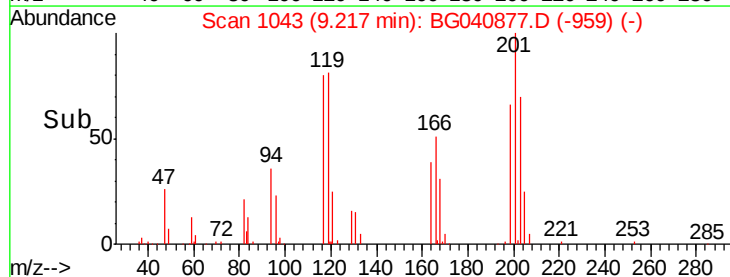
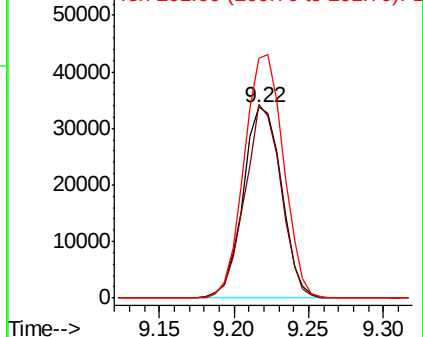


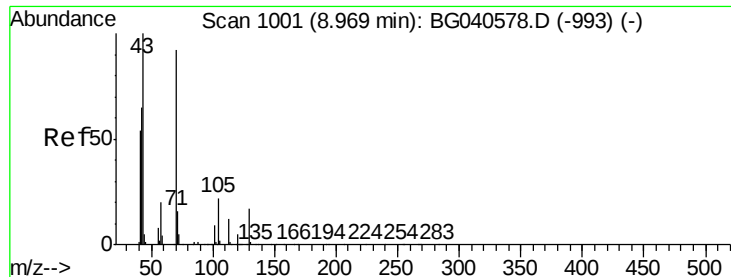
Abundance

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

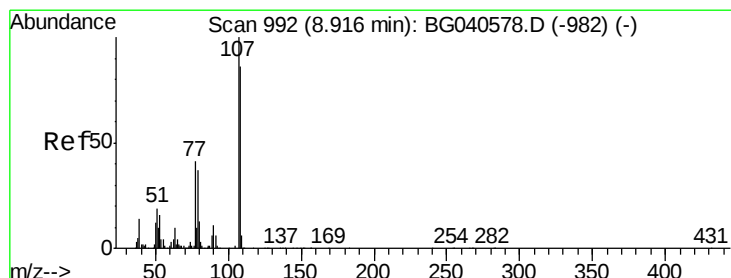
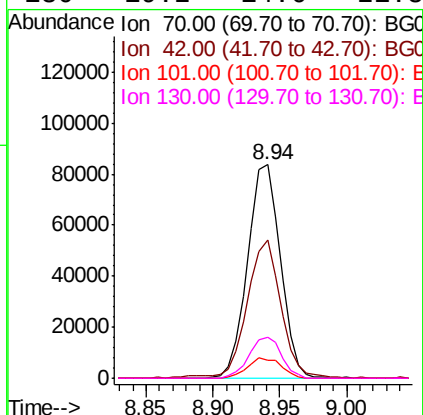
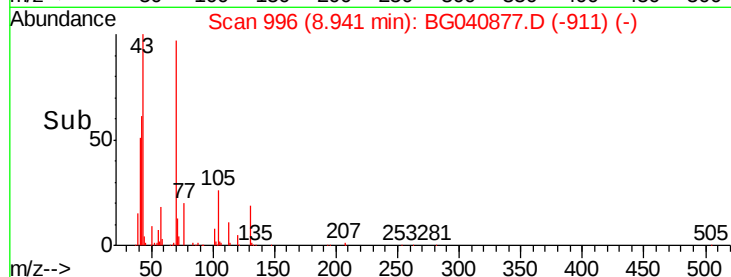
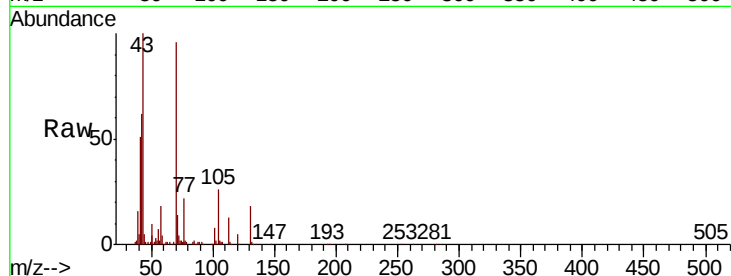




#19
n-Nitroso-di-n-propylamine
Concen: 31.973 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

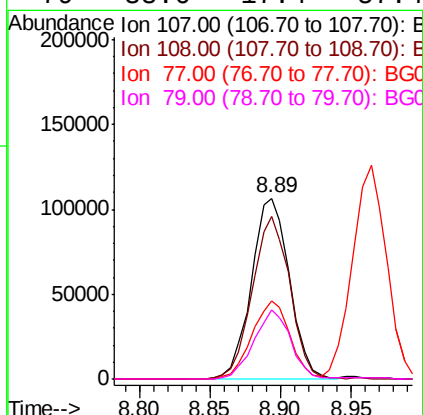
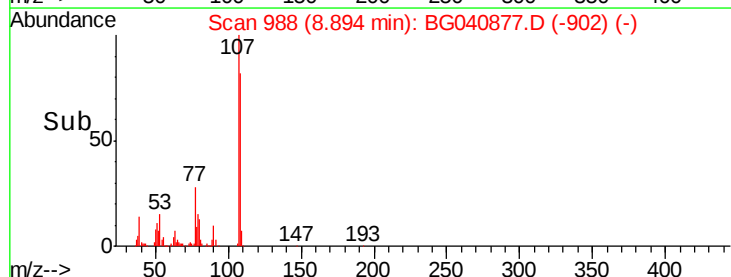
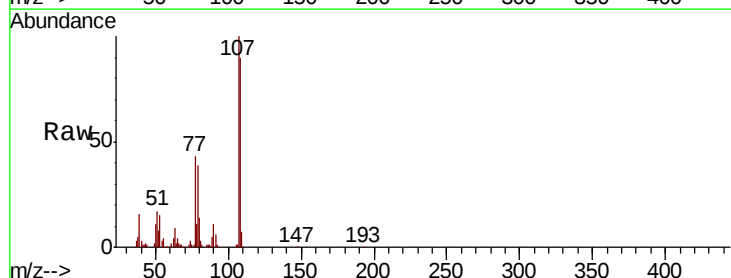
Instrument :
BNA_G
ClientSampleId :
PB119645BS

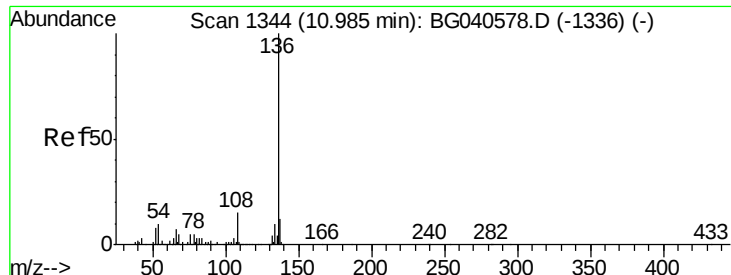
Tgt Ion:	70	Resp:	141923
Ion	Ratio	Lower	Upper
70	100		
42	64.9	57.1	85.7
101	8.5	7.8	11.8
130	19.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 38.545 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:	107	Resp:	201426
Ion	Ratio	Lower	Upper
107	100		
108	89.7	66.1	106.1
77	43.1	21.6	61.6
79	38.6	17.4	57.4

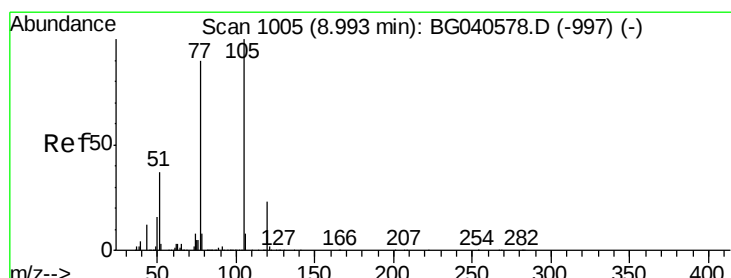
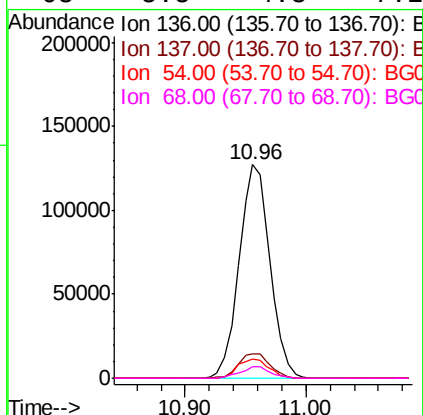
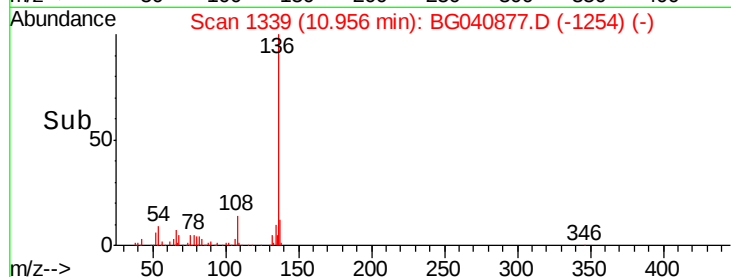
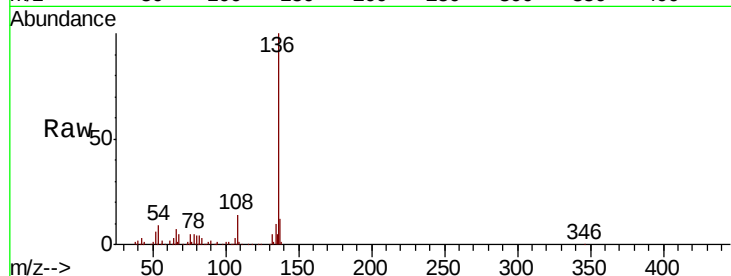




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

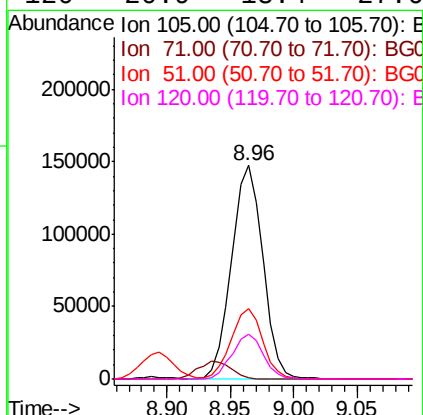
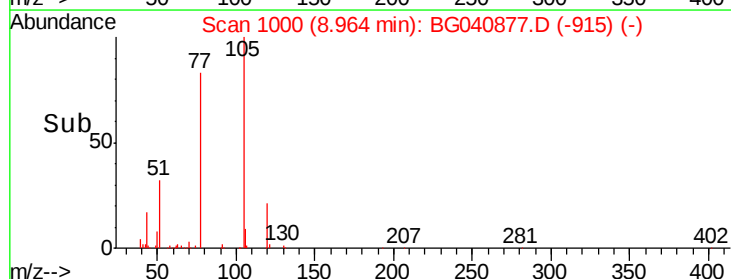
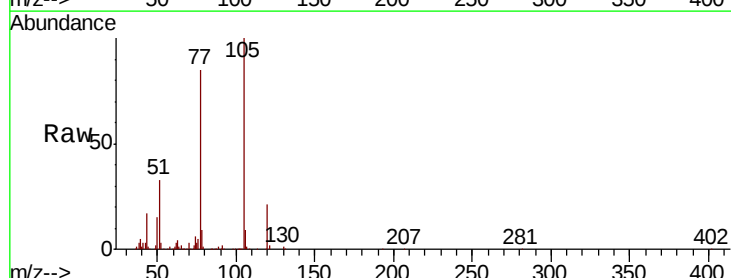
Instrument :
BNA_G
ClientSampleId :
PB119645BS

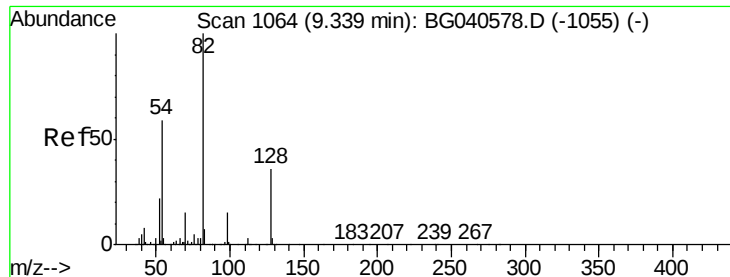
Tgt Ion:	136	Resp:	226085
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	9.2	8.6	12.8
68	5.5	4.8	7.2



#22
Acetophenone
Concen: 40.025 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:	105	Resp:	251632
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.8	2.8#
51	33.2	29.8	44.8
120	20.9	18.4	27.6





#23

Nitrobenzene-d5

Concen: 80.393 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

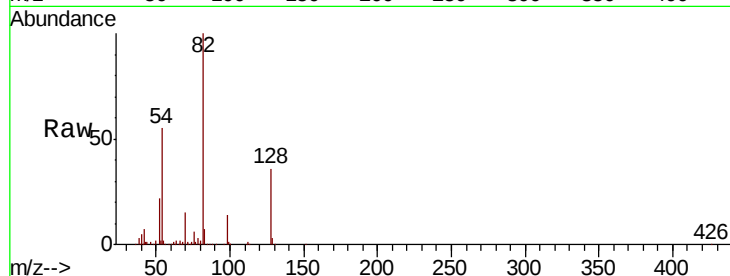
Tgt Ion: 82 Resp: 393357

Ion Ratio Lower Upper

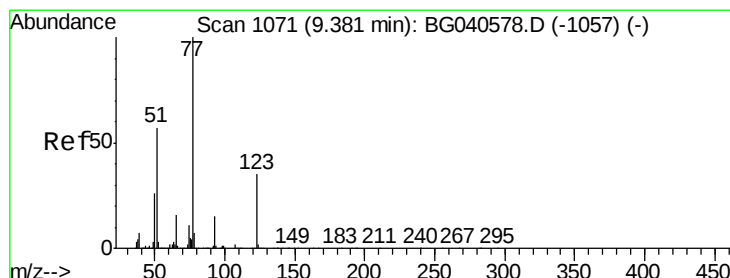
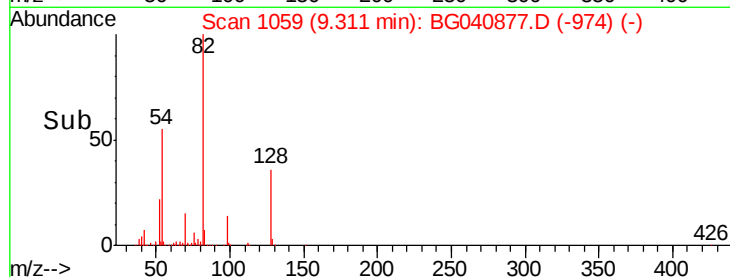
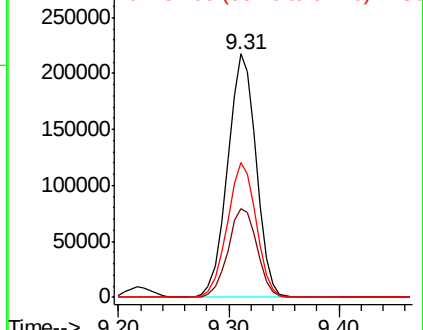
82 100

128 36.2 28.9 43.3

54 55.4 47.2 70.8



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



#24

Nitrobenzene

Concen: 40.107 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

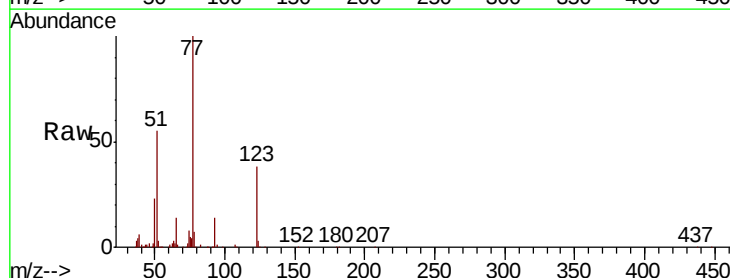
Tgt Ion: 77 Resp: 209378

Ion Ratio Lower Upper

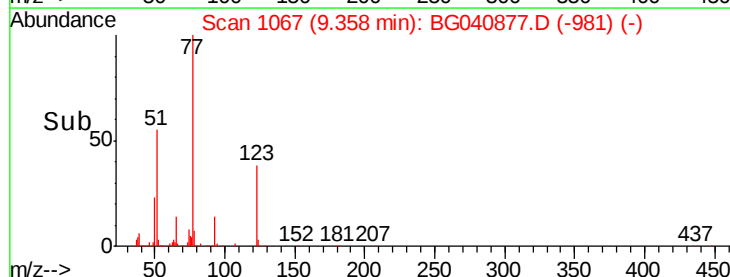
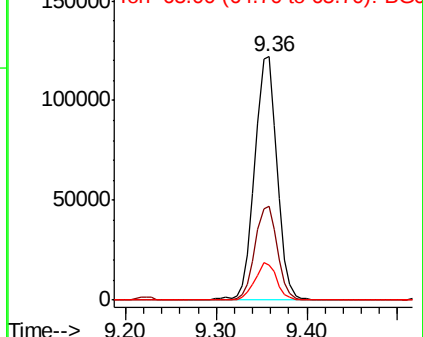
77 100

123 38.4 27.8 41.6

65 14.2 12.4 18.6



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

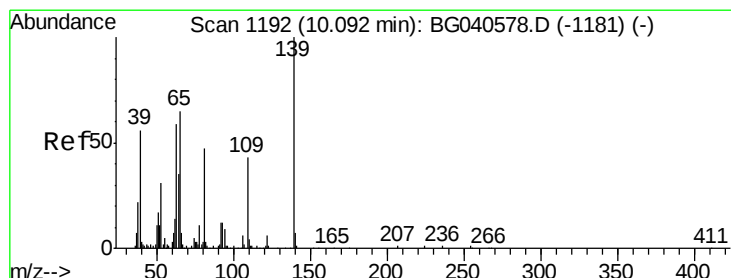
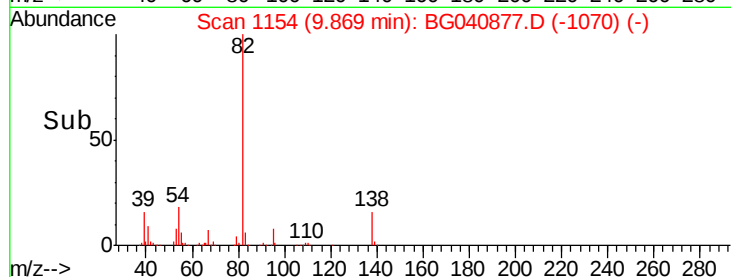
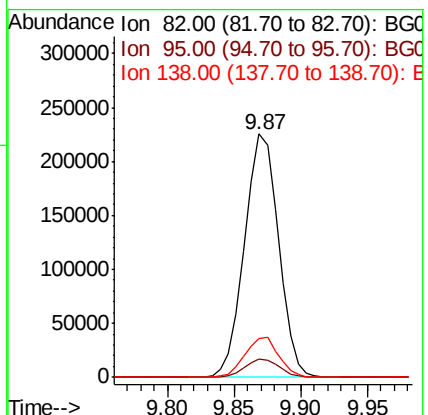
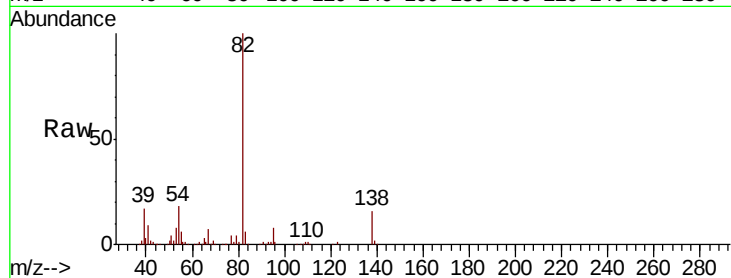




#25
Isophorone
Concen: 36.411 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

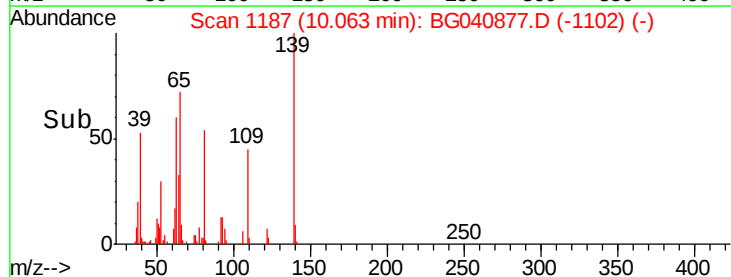
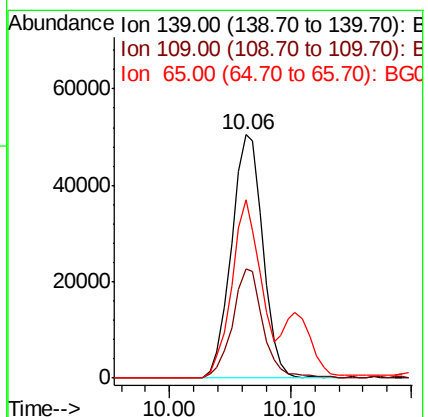
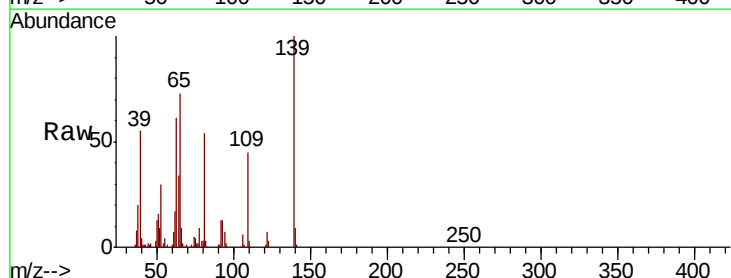
Instrument :
BNA_G
ClientSampleId :
PB119645BS

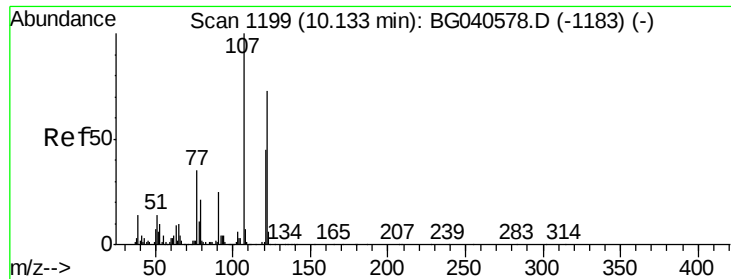
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.9	10.3
138	15.8	12.3	18.5



#26
2-Nitrophenol
Concen: 48.664 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.7	35.6	53.4
65	73.2	52.3	78.5

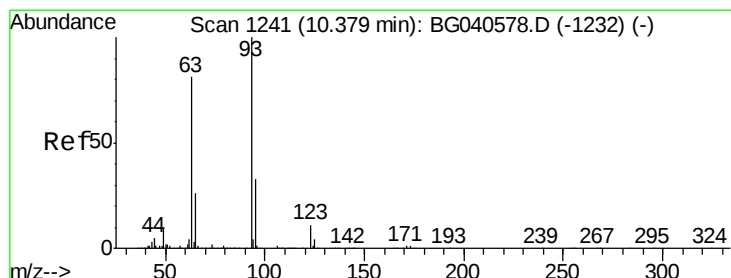
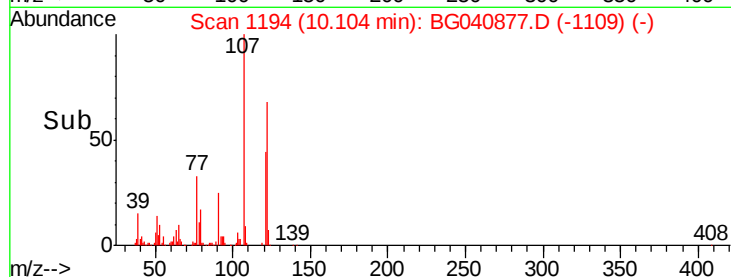
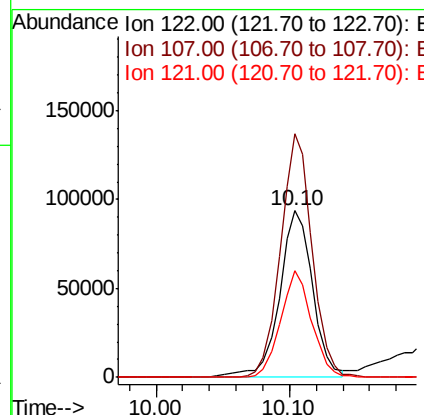
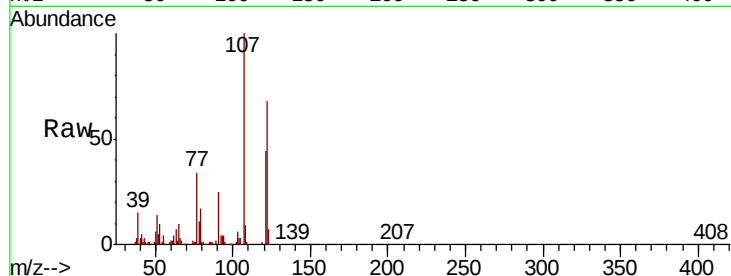




#27
 2,4-Dimethylphenol
 Concen: 46.233 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

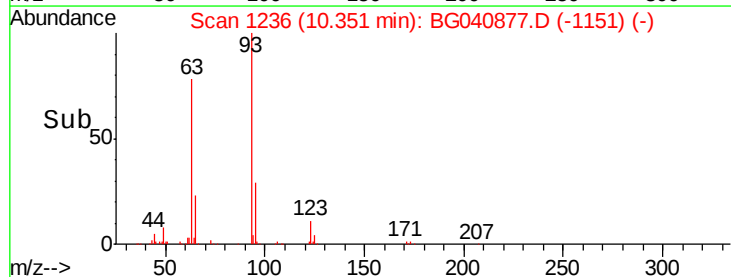
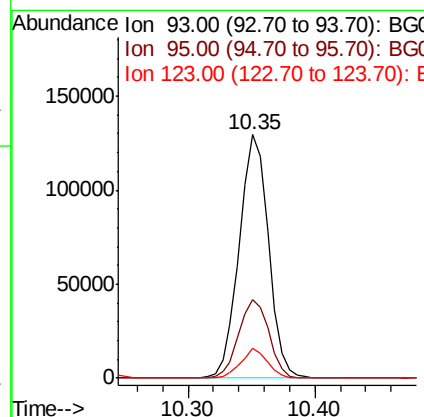
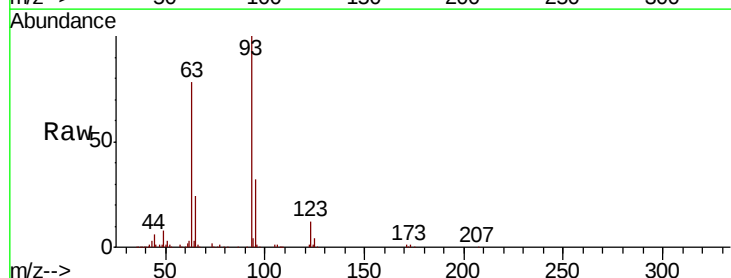
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	146.3	110.1	165.1
121	64.3	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.800 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	12.0	9.0	13.4

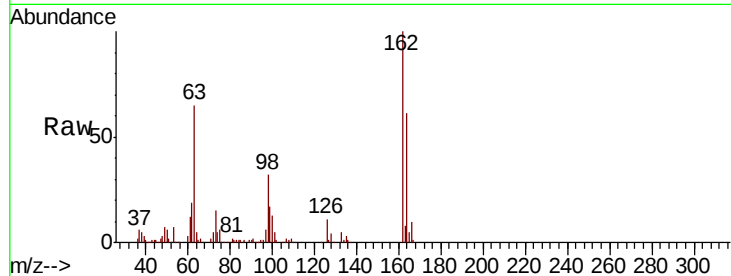




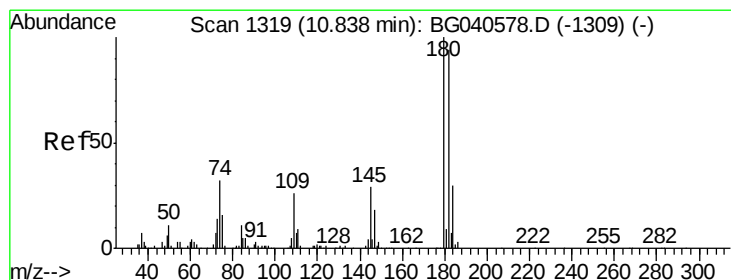
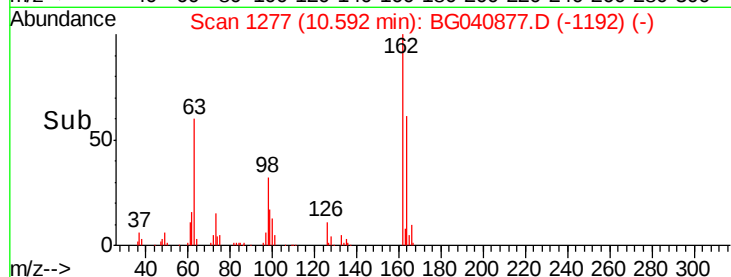
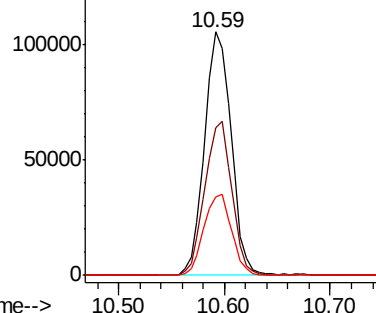
#29
2,4-Dichlorophenol
Concen: 46.105 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion:	162	Resp:	184036
Ion	Ratio	Lower	Upper
162	100		
164	60.9	38.9	78.9
98	32.2	16.8	56.8

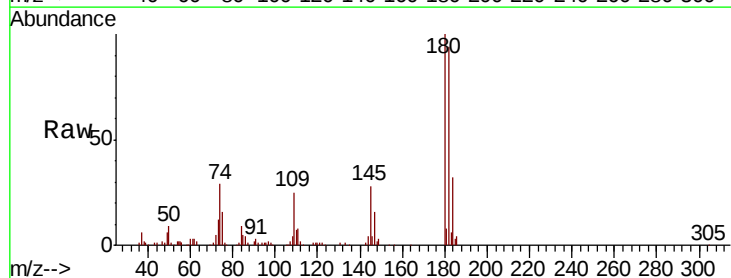


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

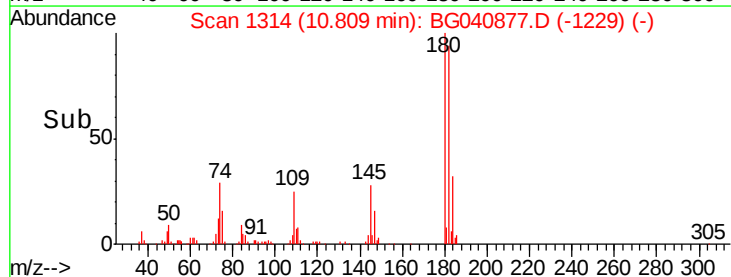
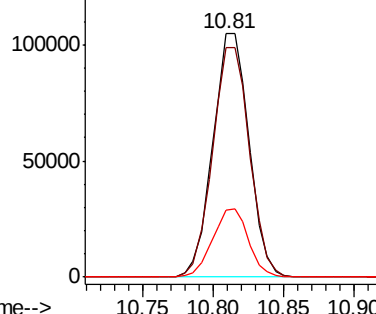


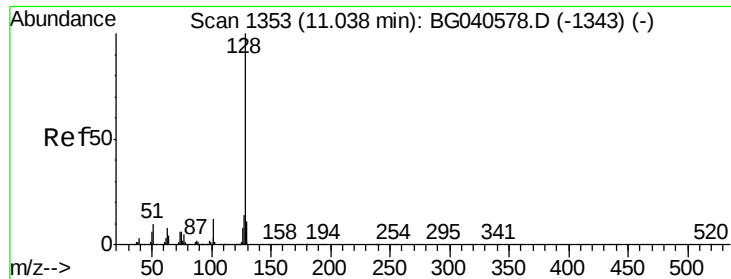
#30
1,2,4-Trichlorobenzene
Concen: 42.514 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:	180	Resp:	188192
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.2	112.8
145	27.5	23.6	35.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

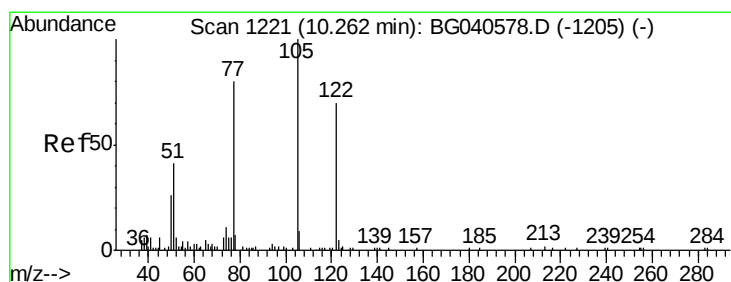
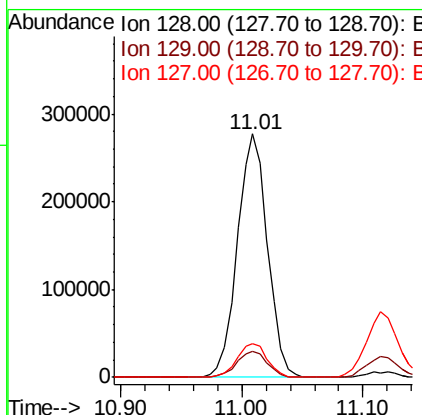
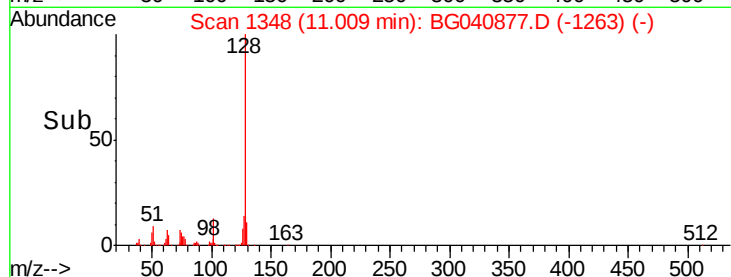
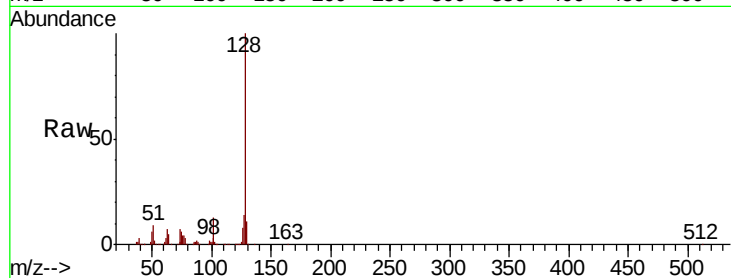




#31
Naphthalene
Concen: 39.884 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

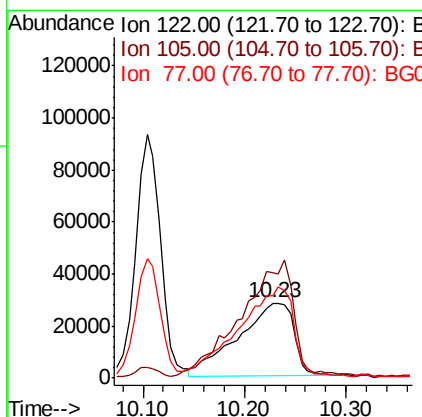
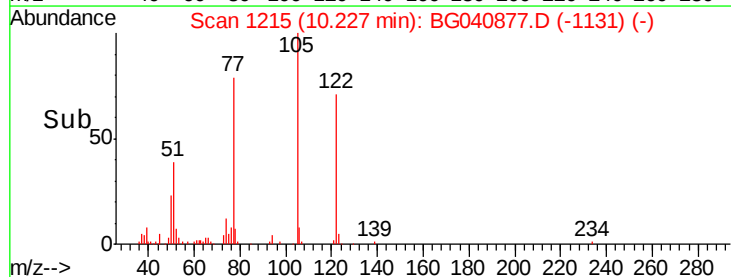
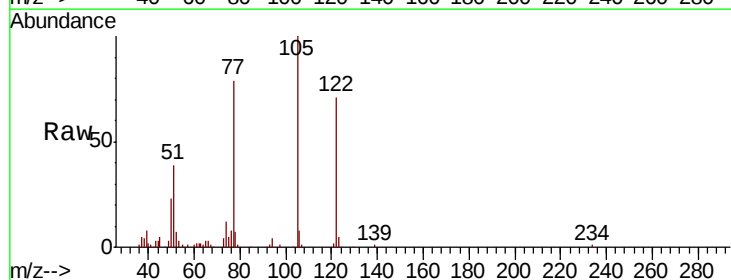
Instrument :
BNA_G
ClientSampleId :
PB119645BS

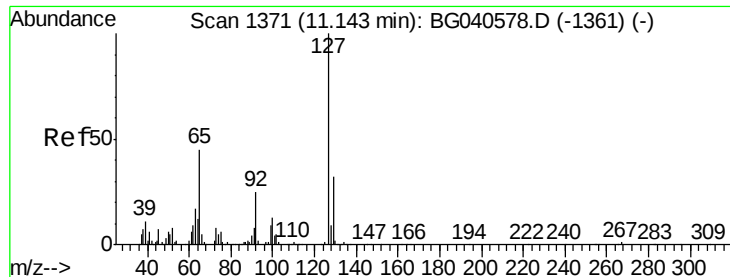
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 44.535 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.2	110.9	150.9
77	110.1	87.6	127.6

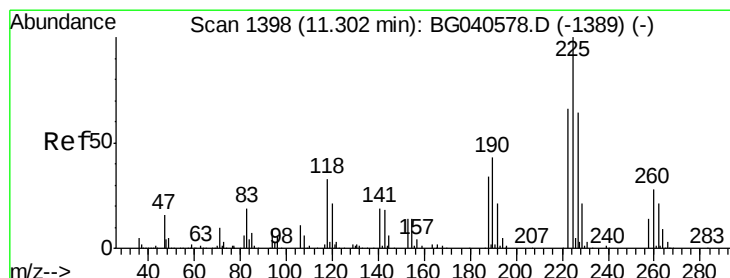
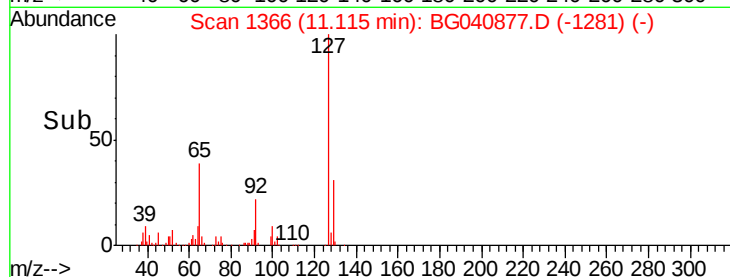
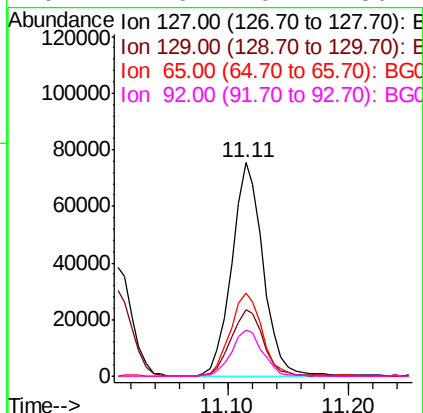
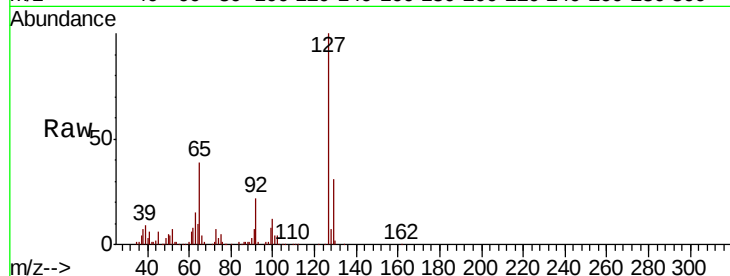




#33
4-Chloroaniline
Concen: 25.608 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

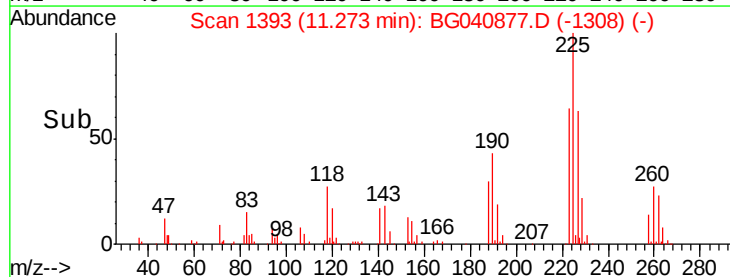
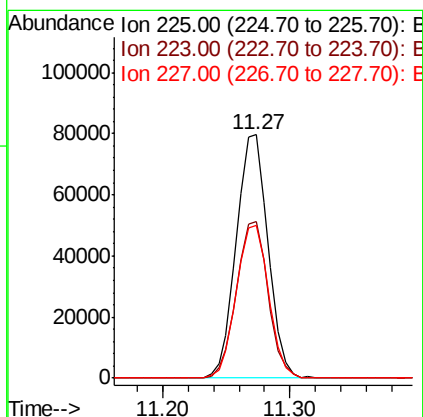
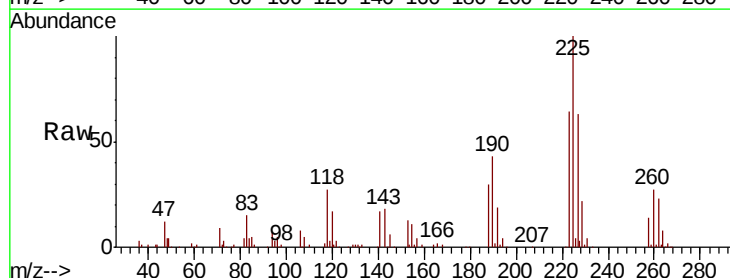
Instrument :
BNA_G
ClientSampleId :
PB119645BS

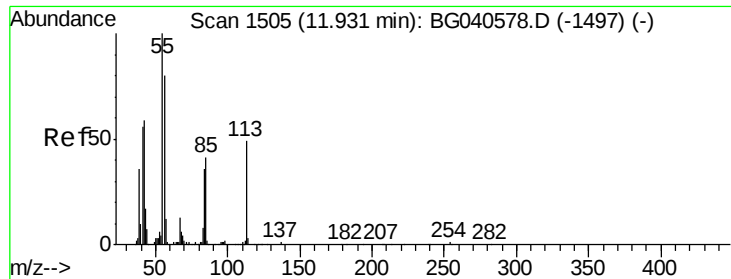
Tgt Ion:	127	Resp:	136375
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	39.2	36.1	54.1
92	21.6	20.1	30.1



#34
Hexachlorobutadiene
Concen: 42.249 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:	225	Resp:	138069
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.4	75.6
227	65.8	51.0	76.6





#35

Caprolactam

Concen: 21.428 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

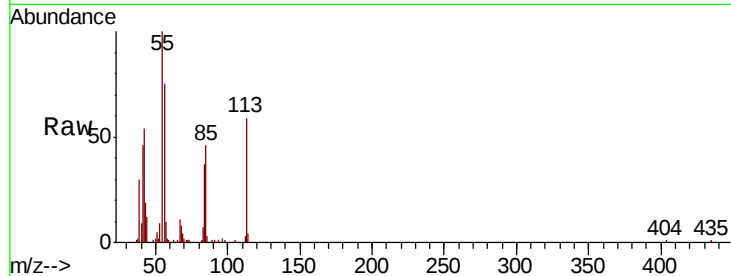
Tgt Ion:113 Resp: 33770

Ion Ratio Lower Upper

113 100

55 170.3 198.6 238.6#

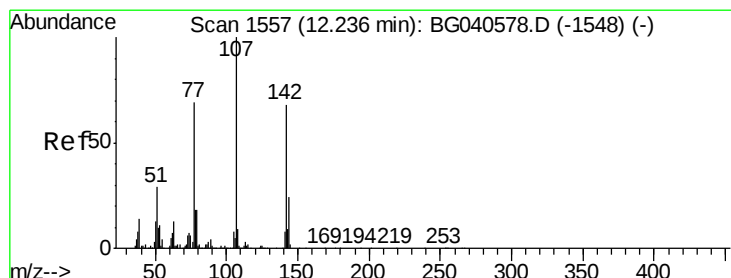
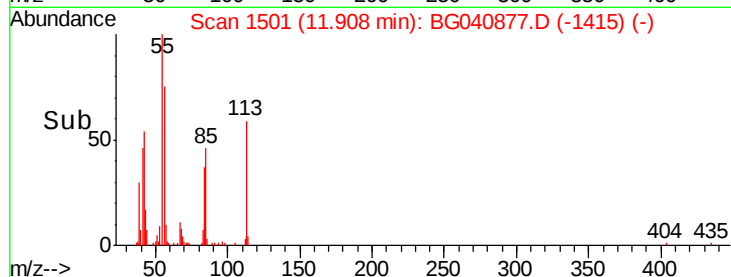
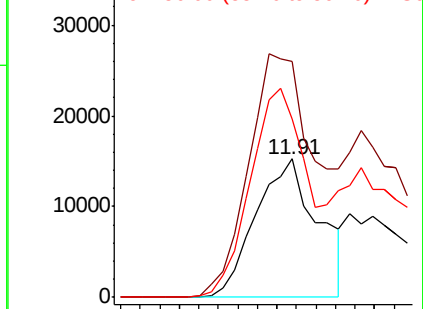
56 128.5 148.4 188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.242 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

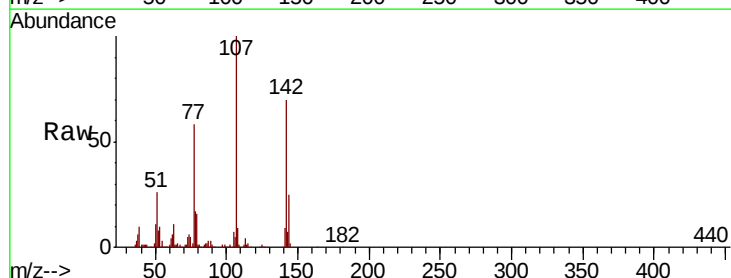
Tgt Ion:107 Resp: 212710

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

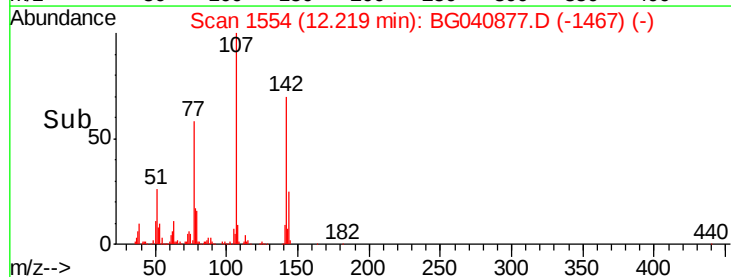
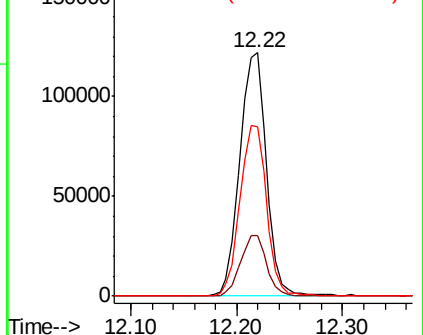
142 69.6 54.6 81.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

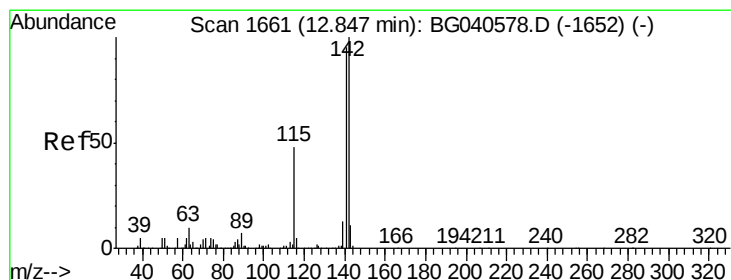
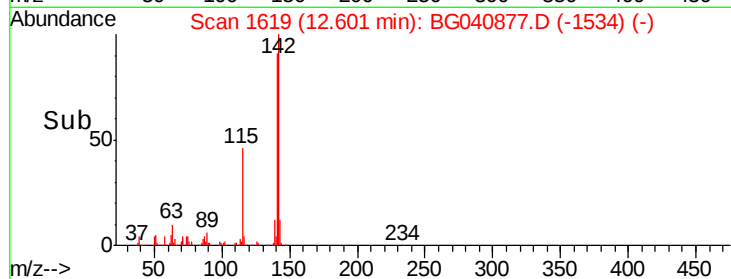
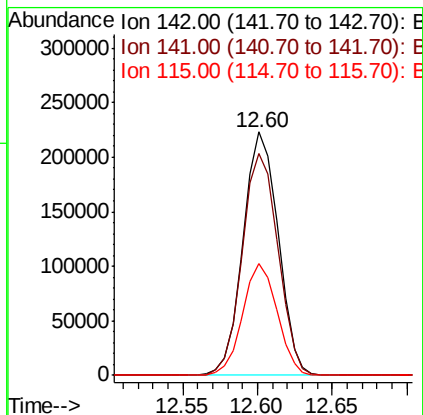
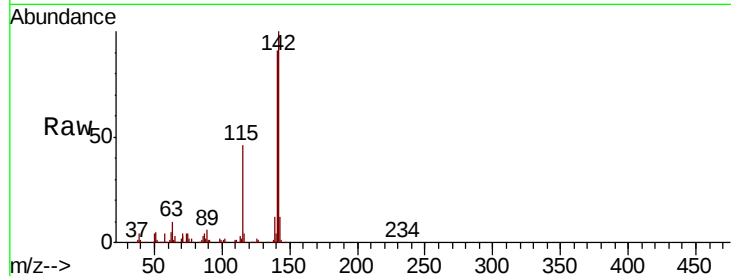




#37
2-Methylnaphthalene
Concen: 40.474 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

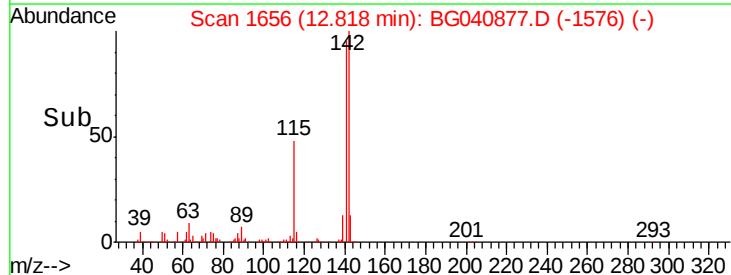
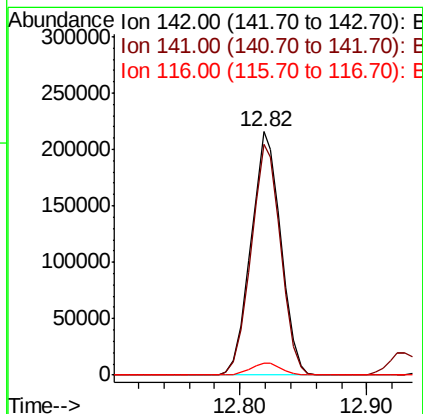
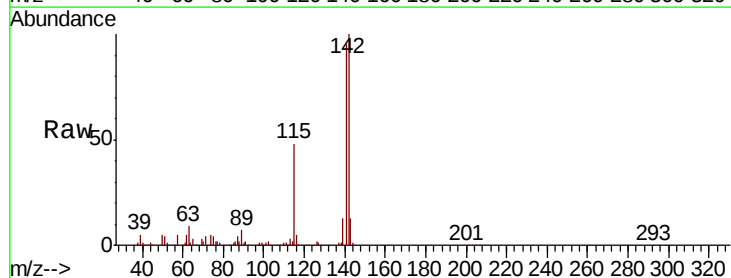
Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2
115	46.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.152 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.9	113.9
116	4.8	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

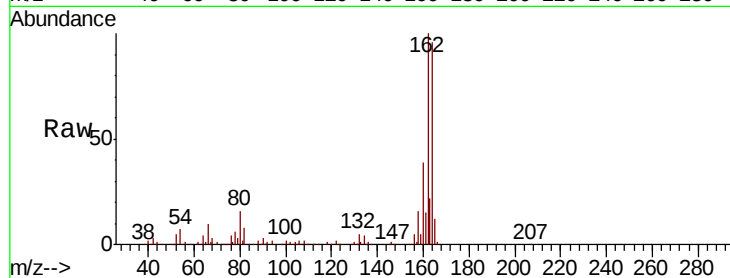
Tgt Ion:164 Resp: 172204

Ion Ratio Lower Upper

164 100

162 104.1 81.9 122.9

160 41.1 35.4 53.2

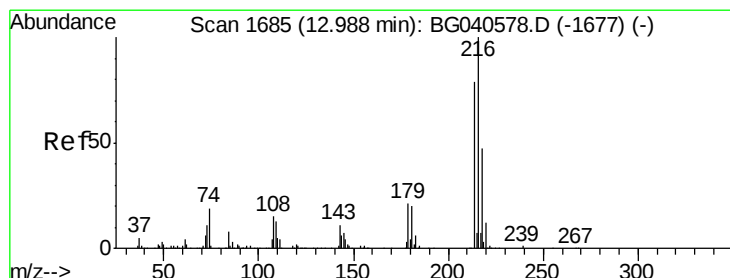
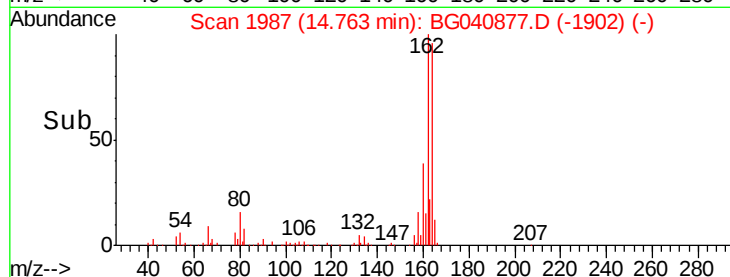
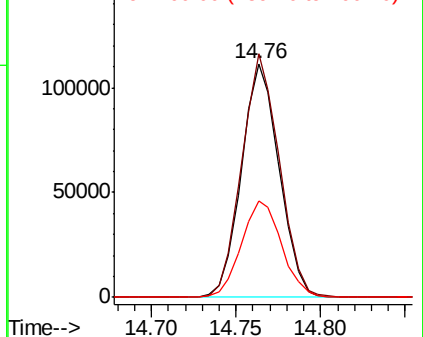


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.921 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:216 Resp: 262509

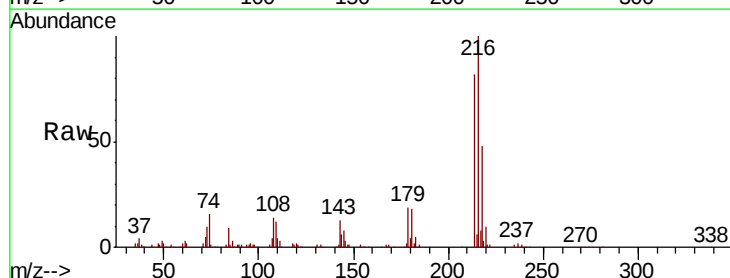
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 18.9 16.6 24.8

108 17.5 14.7 22.1



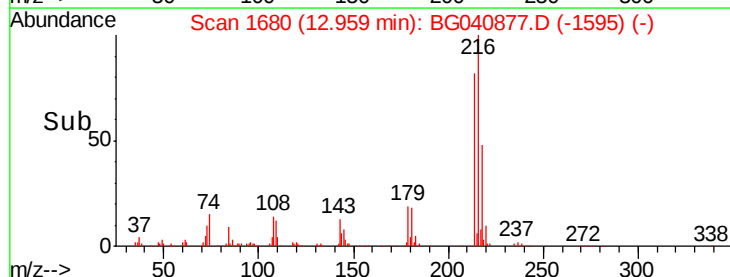
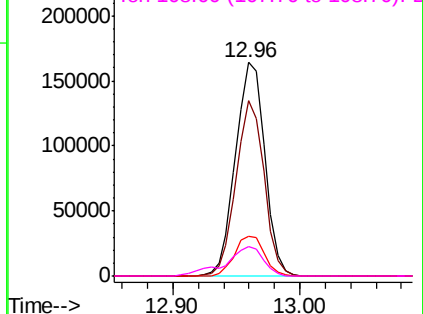
Abundance

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: 85.876 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

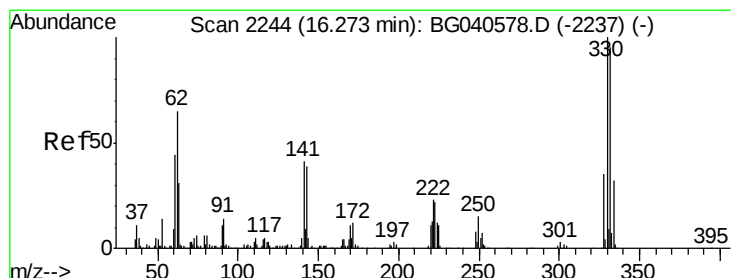
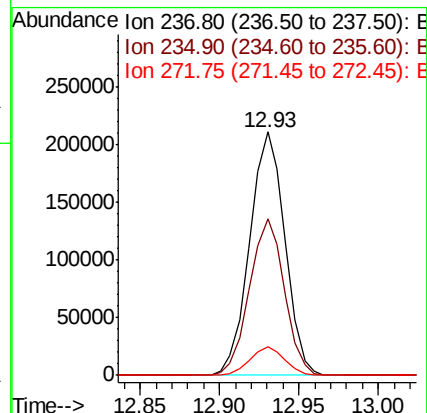
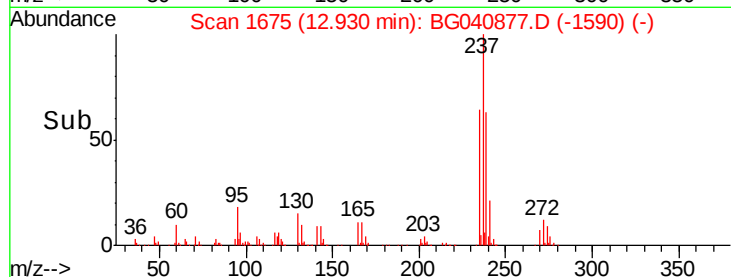
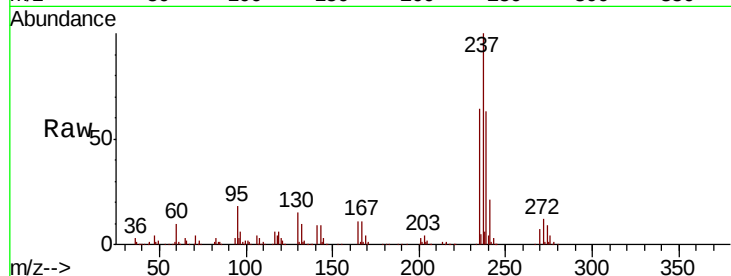
Tgt Ion:237 Resp: 325074

Ion Ratio Lower Upper

237 100

235 64.1 42.5 82.5

272 11.6 0.0 31.6



#42

2,4,6-Tribromophenol

Concen: 157.250 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

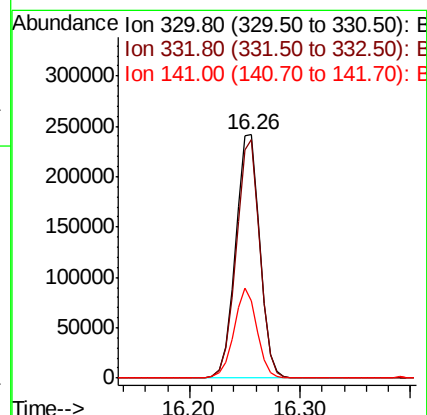
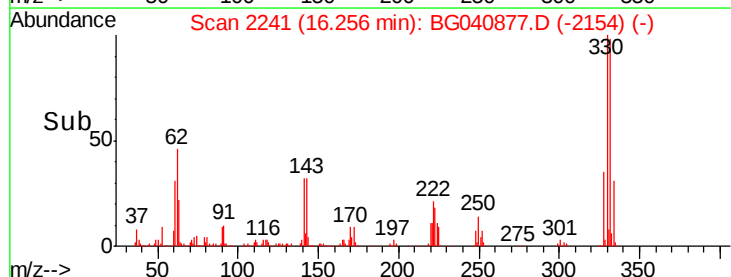
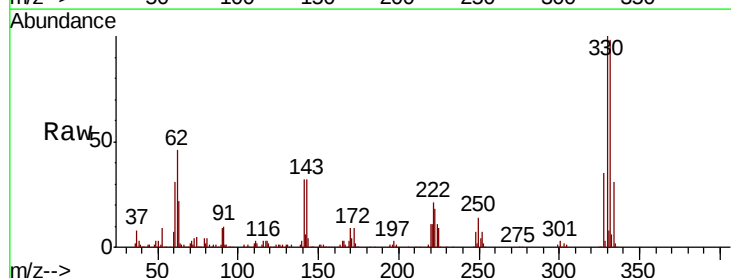
Tgt Ion:330 Resp: 372207

Ion Ratio Lower Upper

330 100

332 95.2 75.9 113.9

141 35.0 32.4 48.6

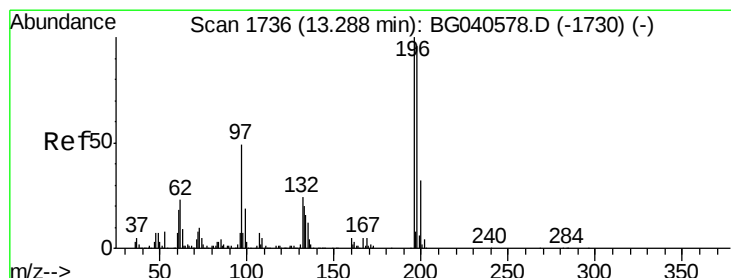
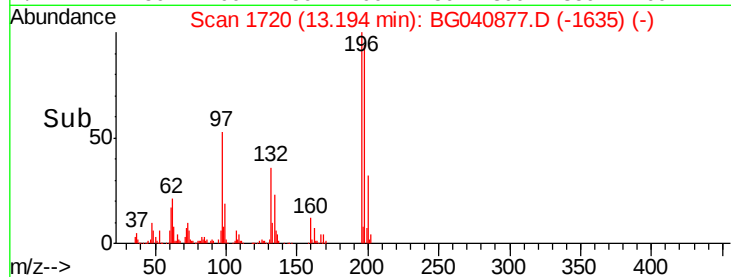
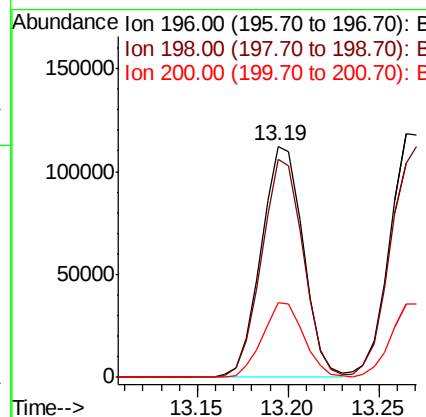
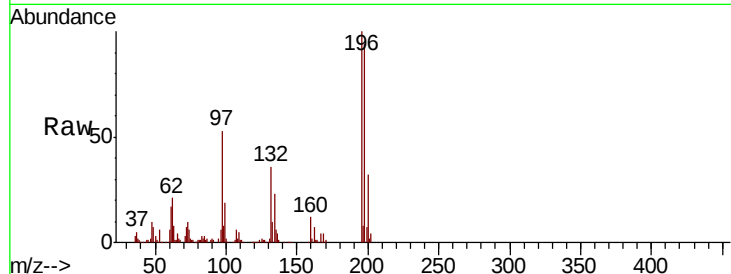




#43
 2,4,6-Trichlorophenol
 Concen: 46.796 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

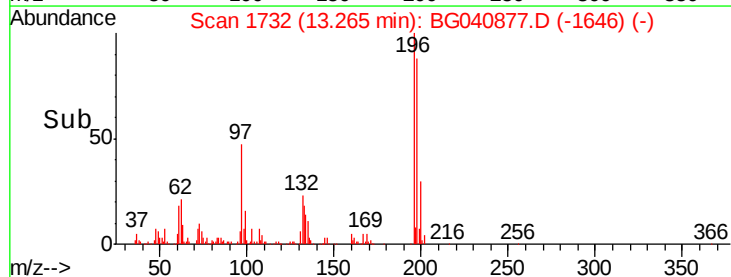
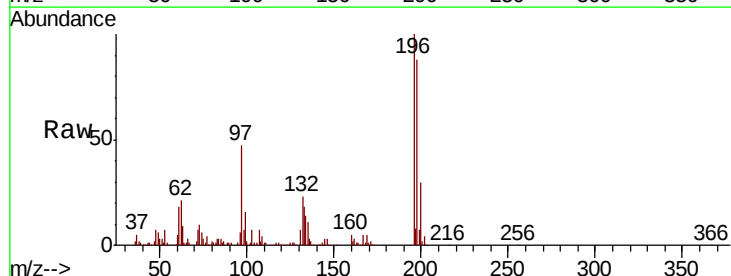
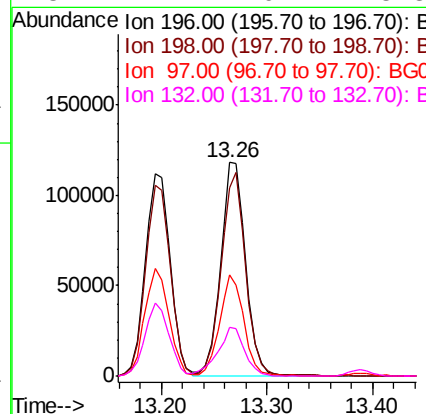
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.8	112.2
200	32.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.294 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	88.2	77.0	115.6
97	47.1	40.0	60.0
132	22.7	19.2	28.8

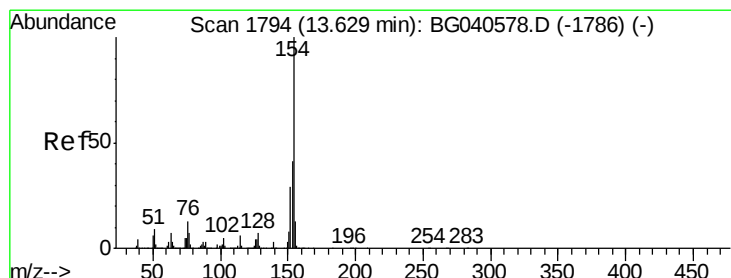
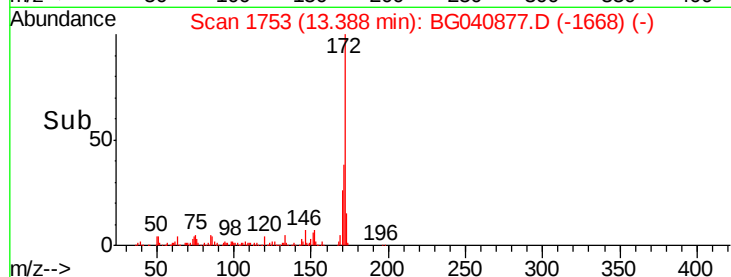
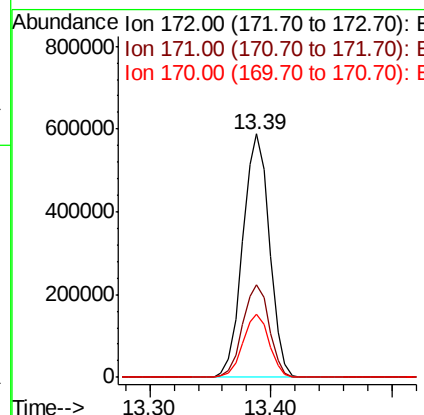
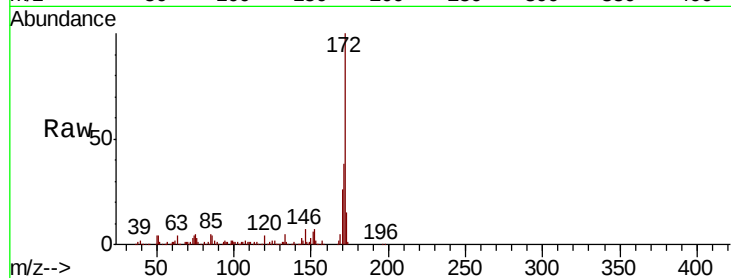




#45
 2-Fluorobiphenyl
 Concen: 76.044 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

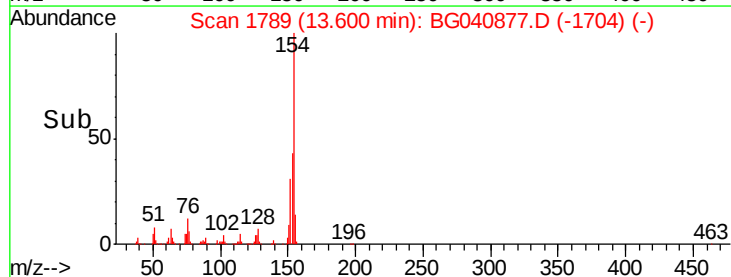
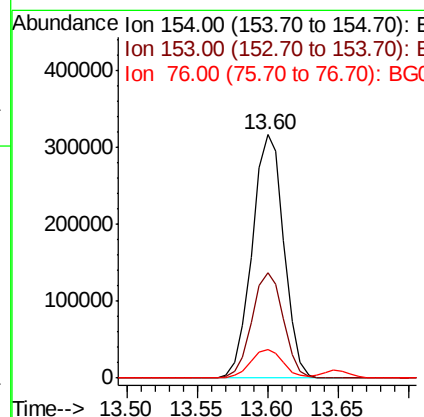
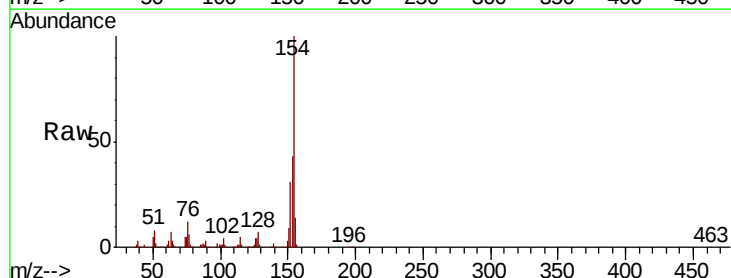
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

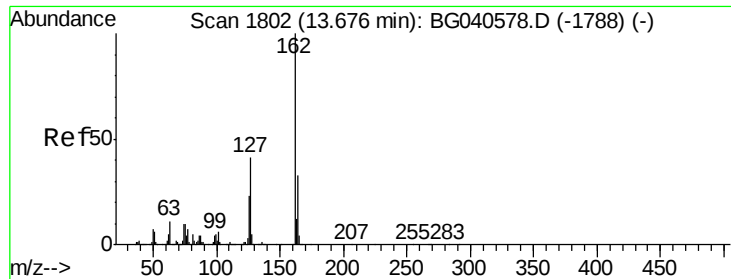
Tgt Ion:	172	Resp:	906736
Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.9	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 37.356 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion:	154	Resp:	499453
Ion	Ratio	Lower	Upper
154	100		
153	43.2	20.5	60.5
76	11.9	0.0	32.5

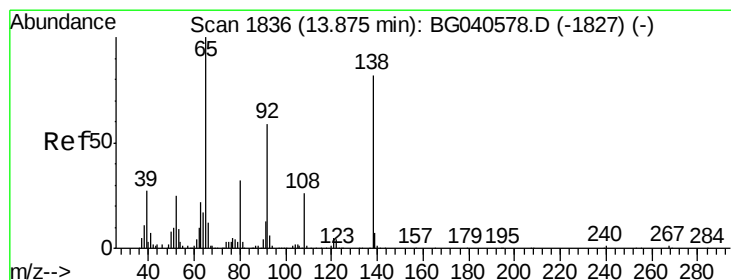
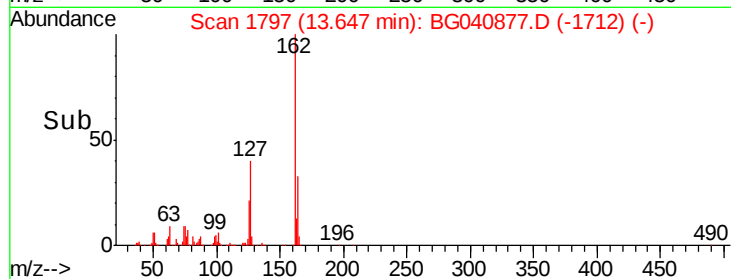
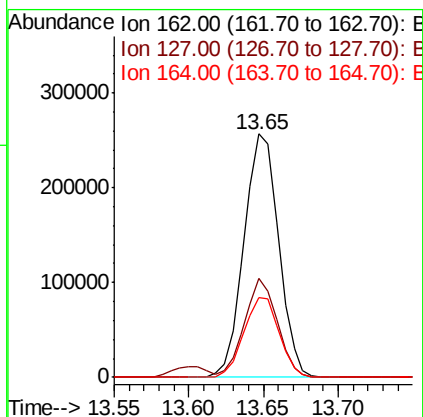
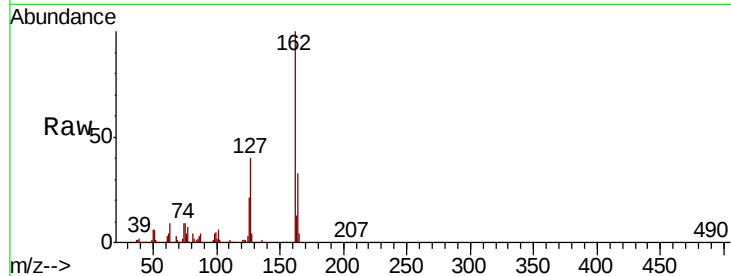




#47
 2-Chloronaphthalene
 Concen: 39.378 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

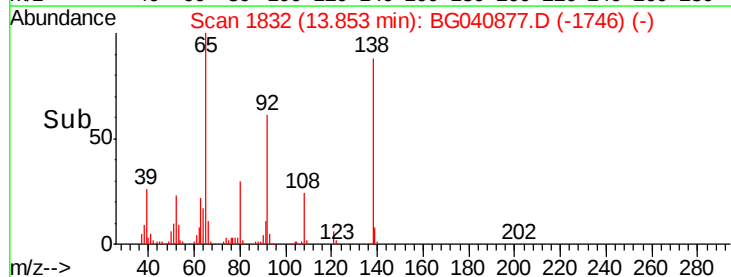
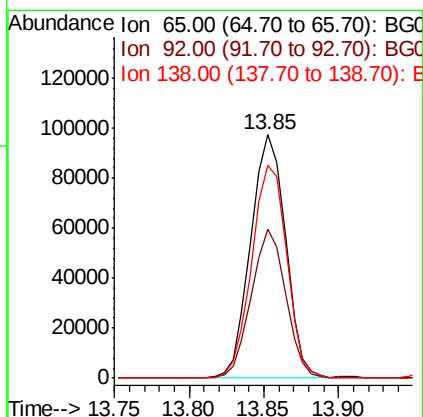
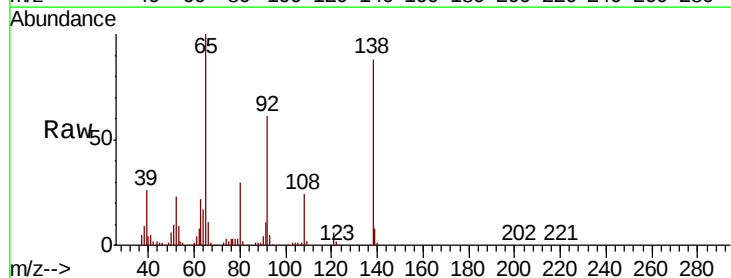
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

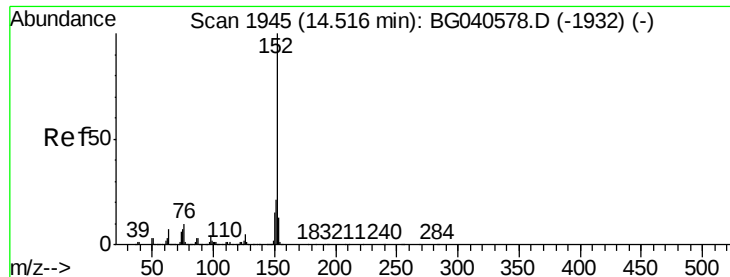
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.0	49.4
164	32.9	26.8	40.2



#48
 2-Nitroaniline
 Concen: 42.359 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	47.4	71.0
138	87.5	66.1	99.1





#49

Acenaphthylene

Concen: 36.698 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

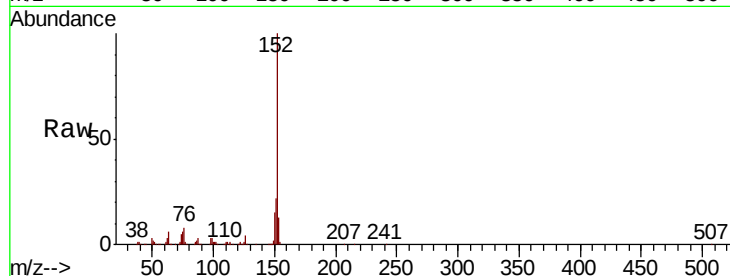
Tgt Ion:152 Resp: 651466

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

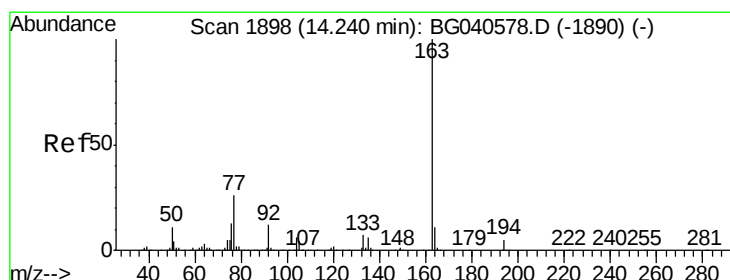
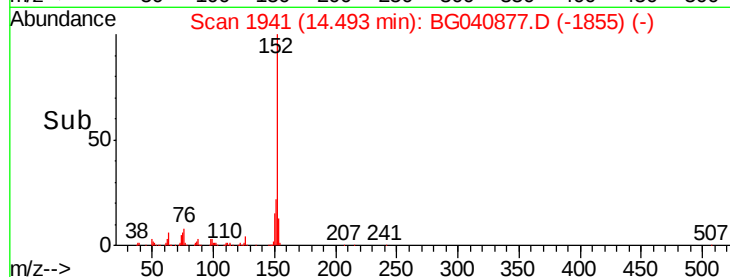
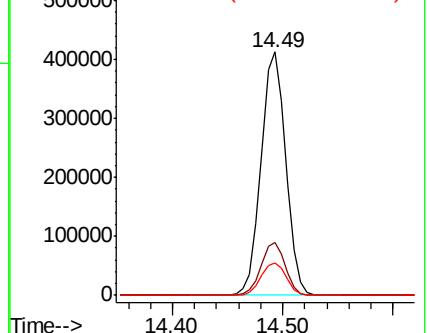
153 13.3 10.7 16.1



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: 39.408 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

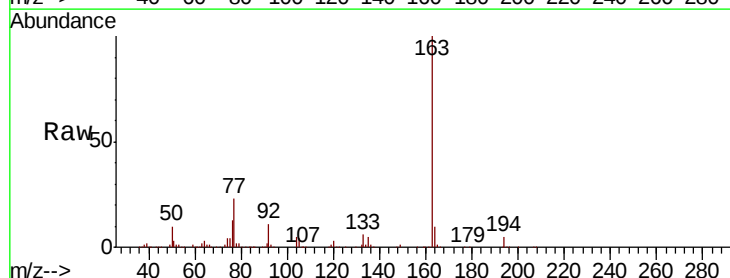
Tgt Ion:163 Resp: 567790

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

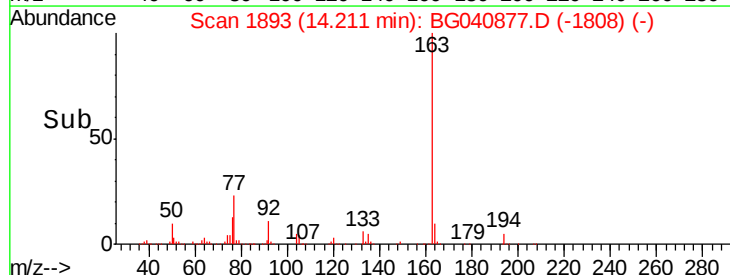
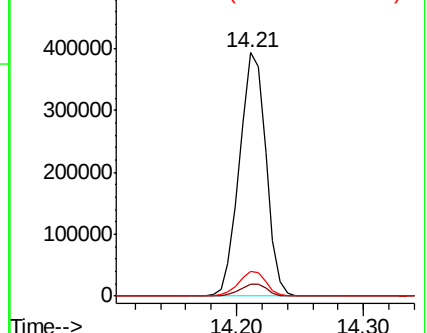
164 10.2 8.8 13.2

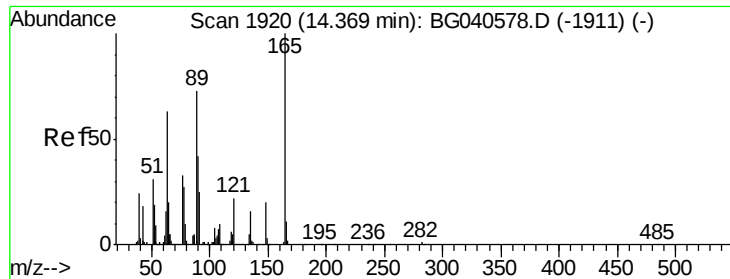


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

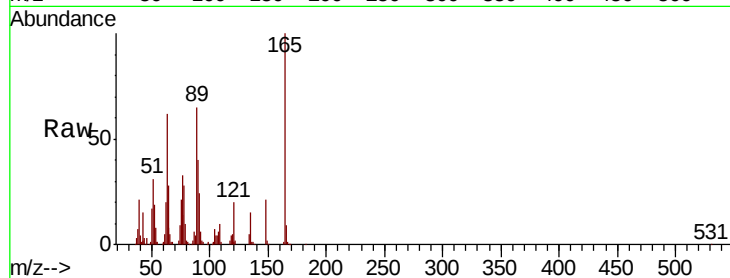




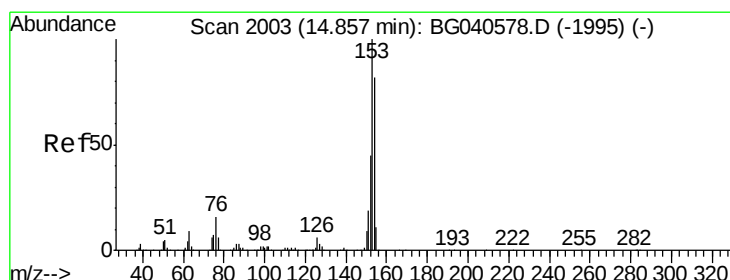
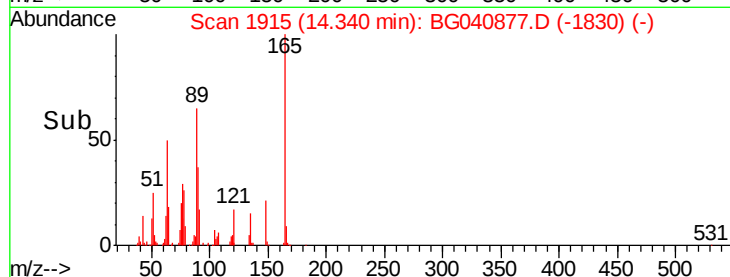
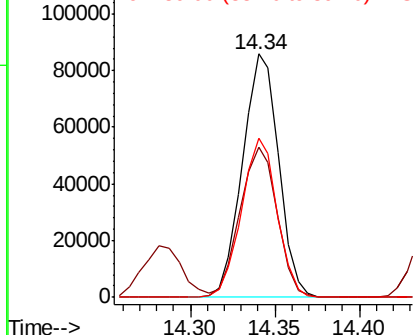
#51
2,6-Dinitrotoluene
Concen: 45.661 ng
RT: 14.34 min Scan# 1915
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	61.0	91.4
89	65.5	58.6	87.8

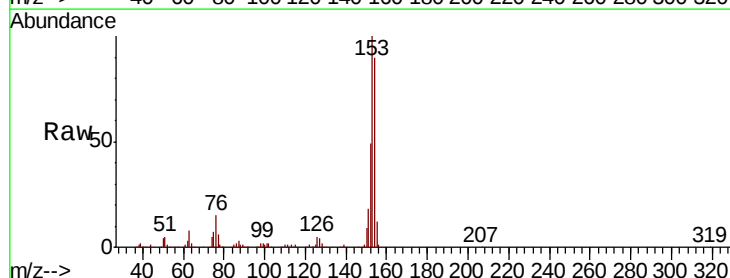


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

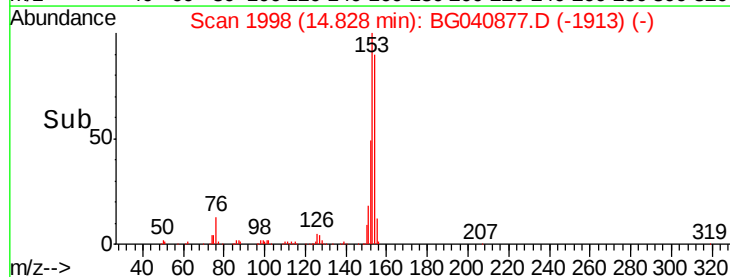
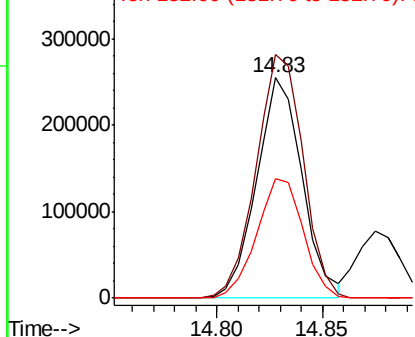


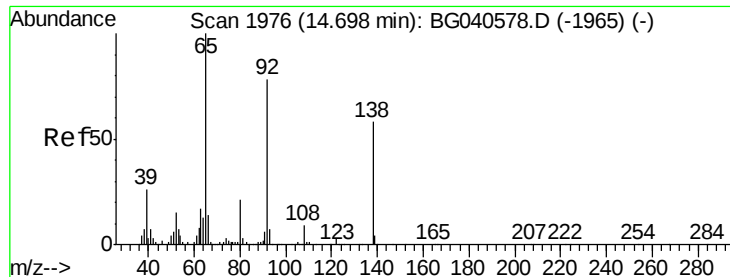
#52
Acenaphthene
Concen: 37.049 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	97.0	145.6
152	54.4	44.1	66.1



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

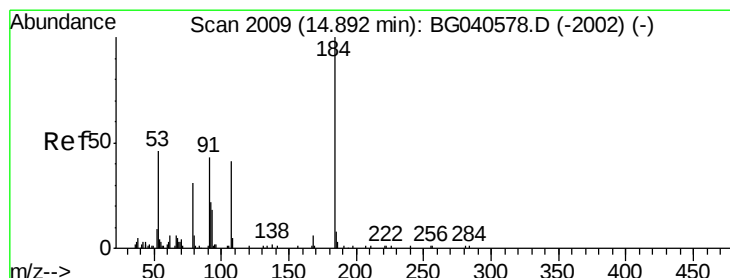
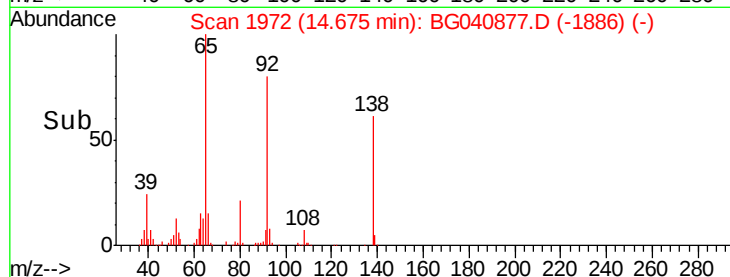
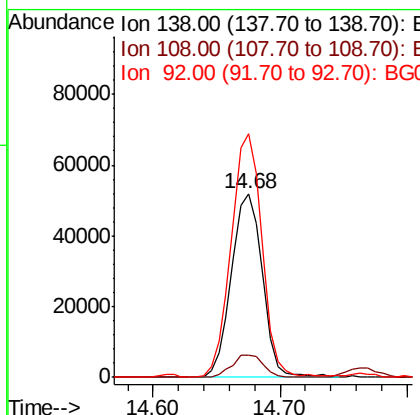
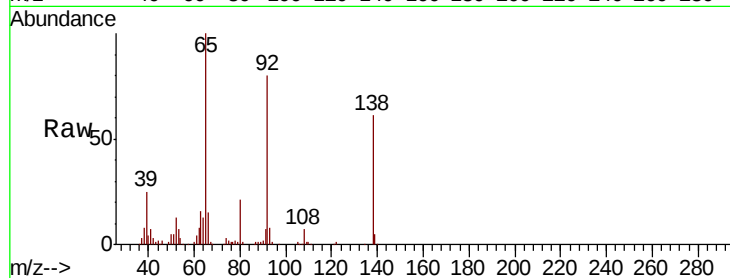




#53
 3-Nitroaniline
 Concen: 30.376 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

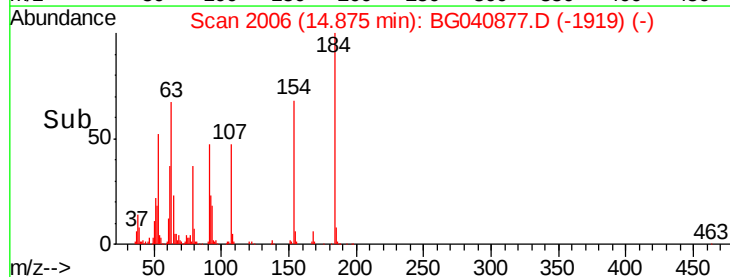
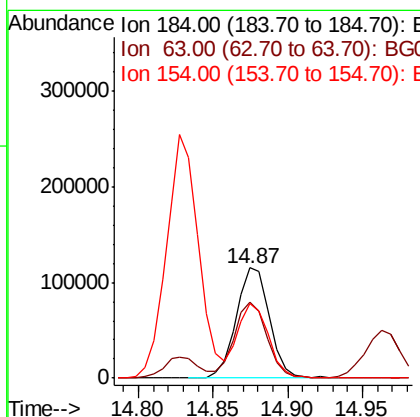
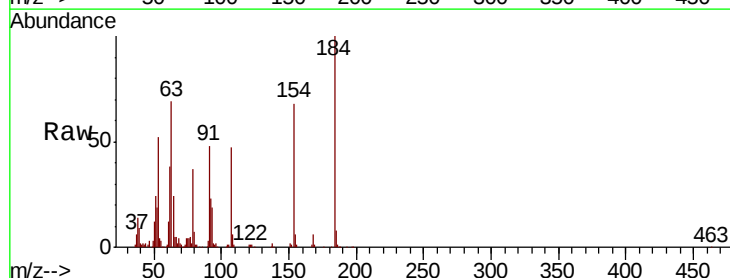
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

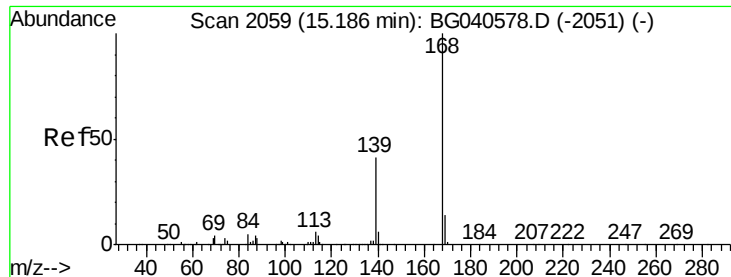
Tgt Ion:138 Resp: 87520
 Ion Ratio Lower Upper
 138 100
 108 12.0 12.4 18.6#
 92 132.4 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 109.984 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion:184 Resp: 178998
 Ion Ratio Lower Upper
 184 100
 63 69.3 51.8 77.6
 154 67.7 43.6 65.4#

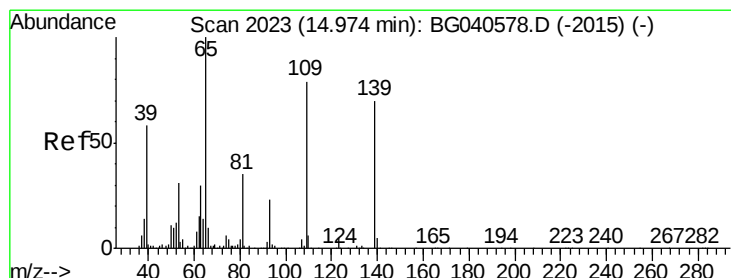
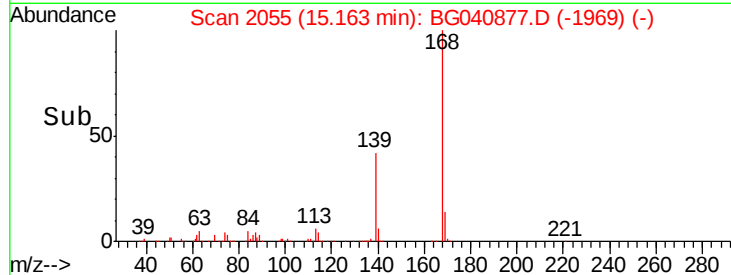
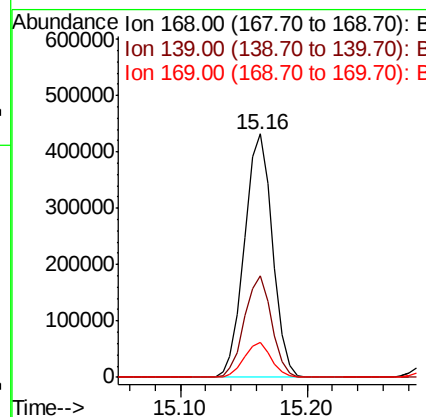
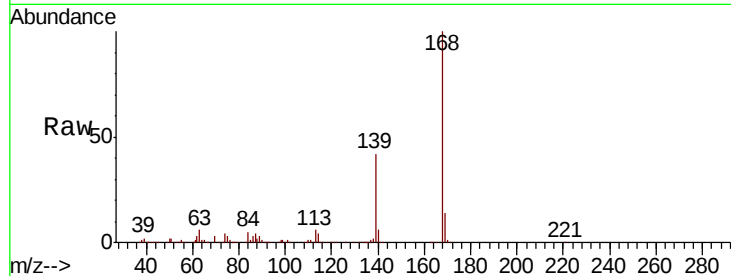




#55
Dibenzenofuran
Concen: 38.953 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

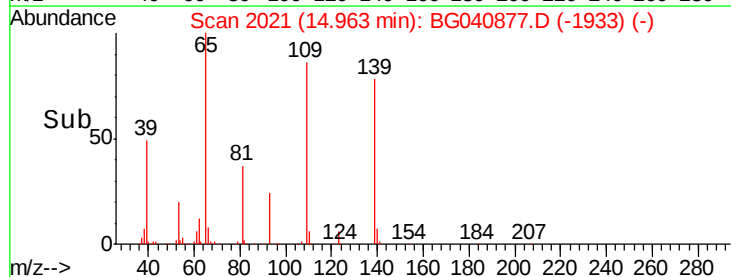
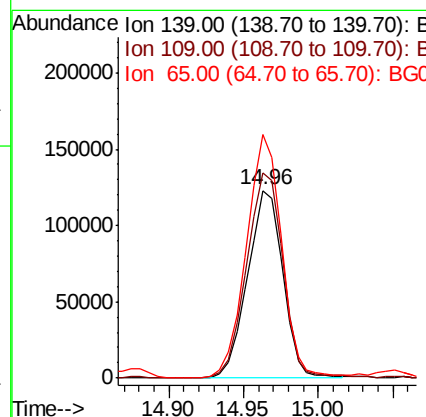
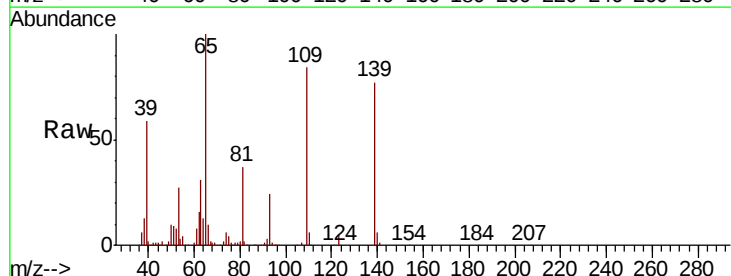
Instrument :
BNA_G
ClientSampleId :
PB119645BS

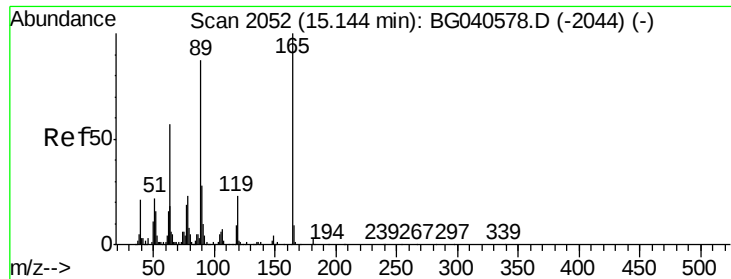
Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	33.0	49.4
169	14.3	11.0	16.4



#56
4-Nitrophenol
Concen: 80.727 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.5	93.8	133.8
65	129.7	122.7	162.7

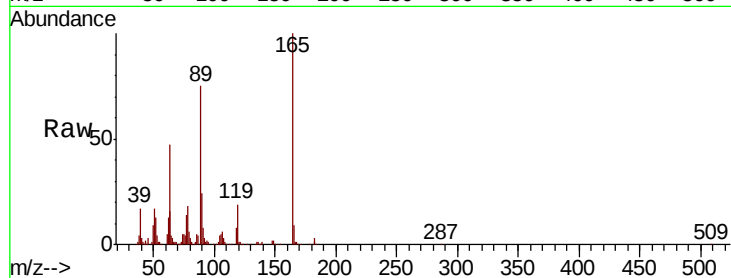




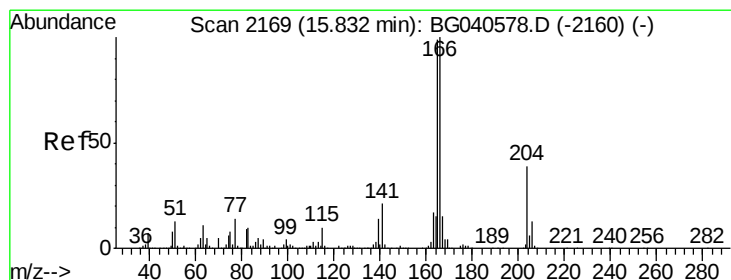
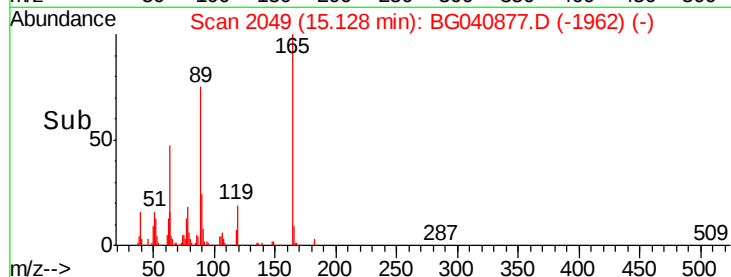
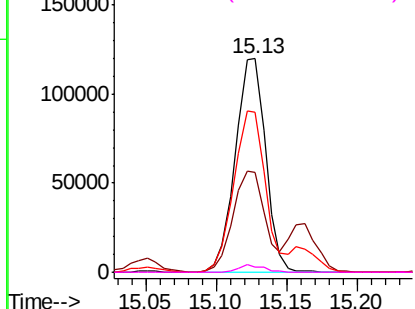
#57
2,4-Dinitrotoluene
Concen: 47.102 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion:165 Resp: 179977
Ion Ratio Lower Upper
165 100
63 46.8 45.8 68.8
89 75.1 69.4 104.2
182 2.5 2.2 3.4

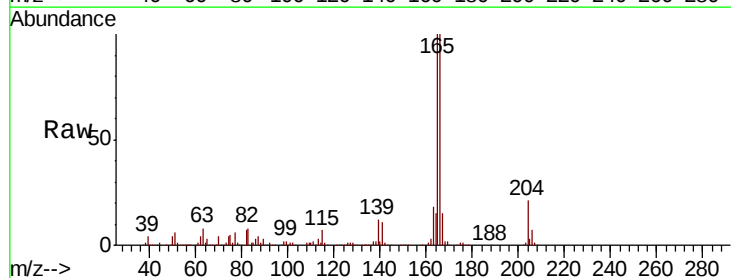


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

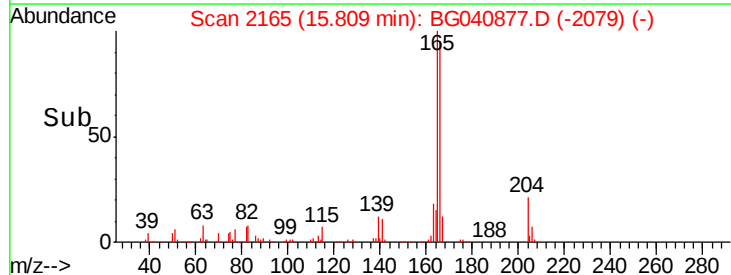
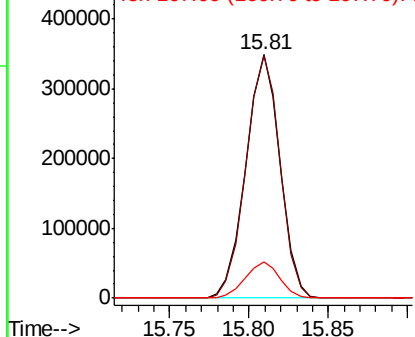


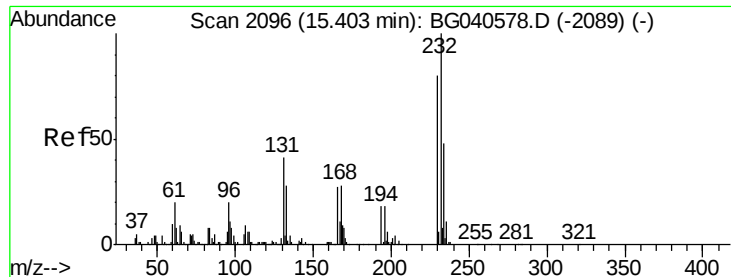
#58
Fluorene
Concen: 38.056 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:166 Resp: 520852
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 14.8 12.2 18.2



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

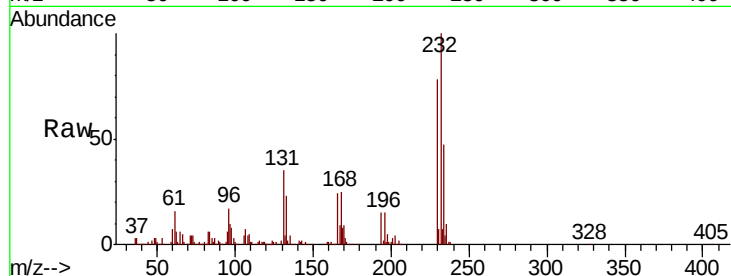




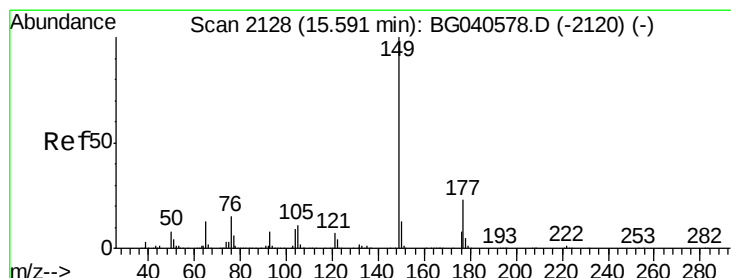
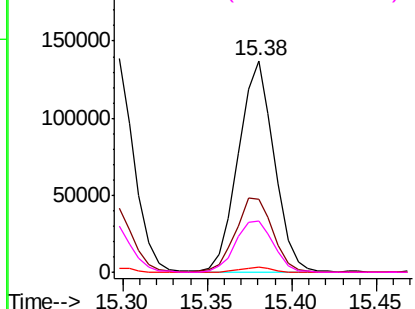
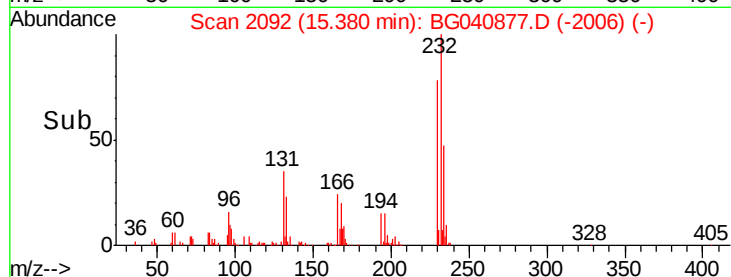
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.432 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion:	232	Resp:	201612
Ion Ratio	Lower	Upper	
232	100		
131	36.2	33.0	49.4
130	2.2	2.0	3.0
166	25.9	22.1	33.1

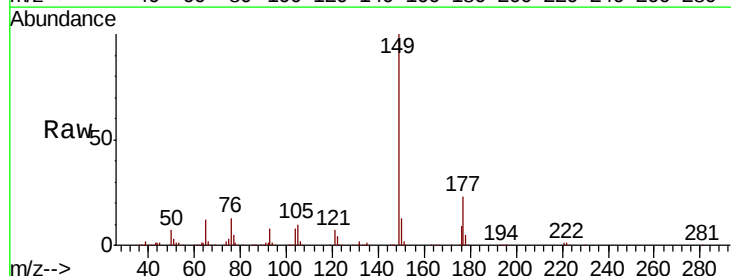


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

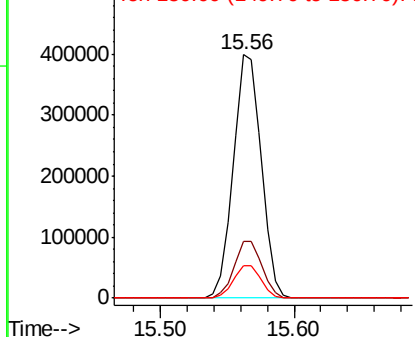
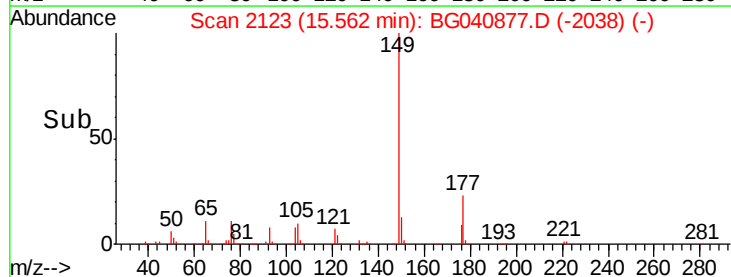


#60
 Diethylphthalate
 Concen: 38.156 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion:	149	Resp:	580034
Ion Ratio	Lower	Upper	
149	100		
177	23.2	18.5	27.7
150	13.2	10.2	15.4



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

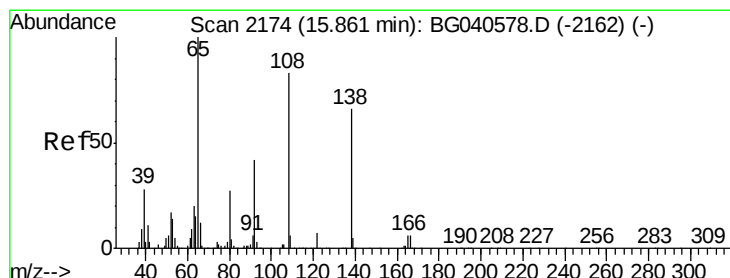
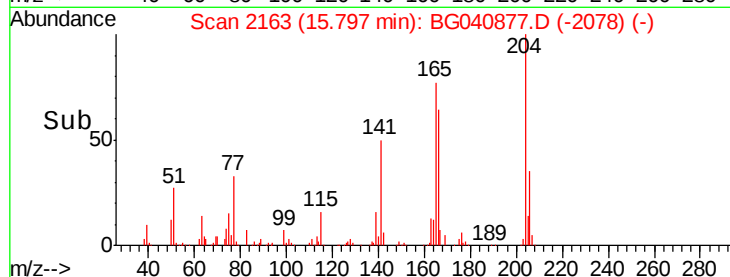
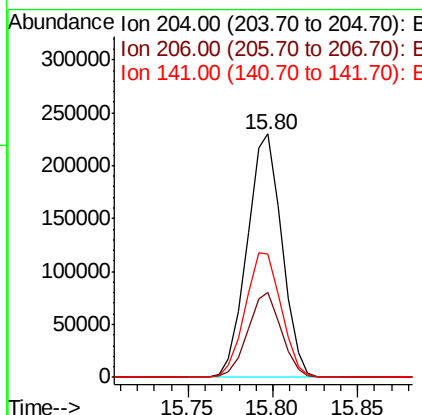
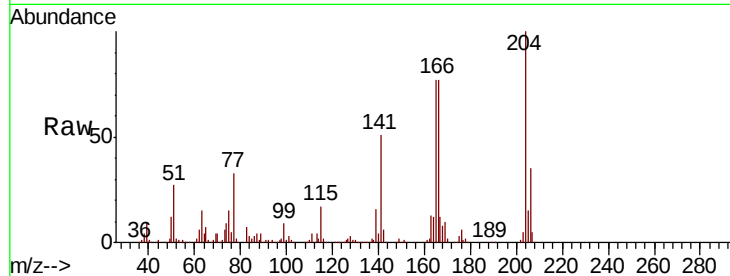




#61
 4-Chlorophenyl-phenylether
 Concen: 41.241 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

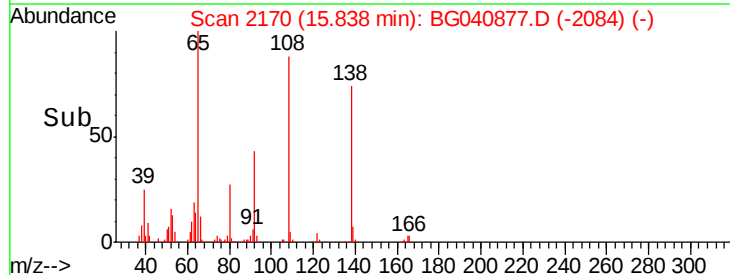
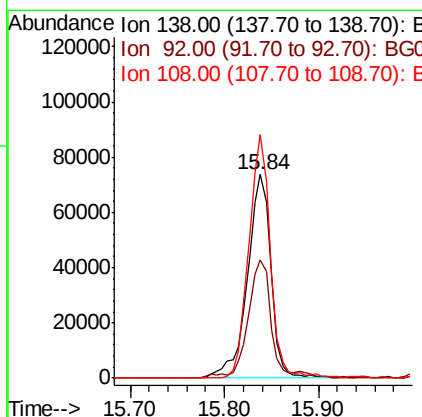
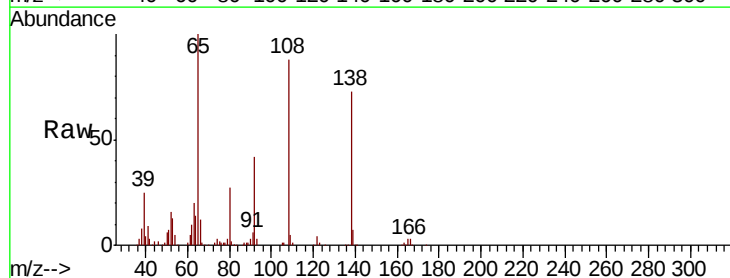
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.4	41.2
141	50.8	46.0	69.0



#62
 4-Nitroaniline
 Concen: 39.775 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	43.9	83.9
108	119.4	106.5	146.5





#63

Azobenzene

Concen: 34.232 ng

RT: 16.09 min Scan# 2212

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

Tgt Ion: 77 Resp: 535915

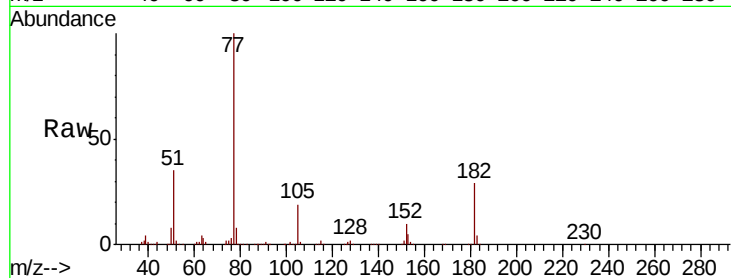
Ion Ratio Lower Upper

77 100

182 28.5 5.0 45.0

105 18.5 0.0 37.6

51 35.2 16.3 56.3

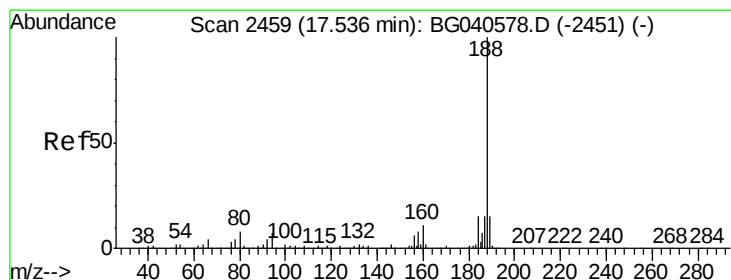
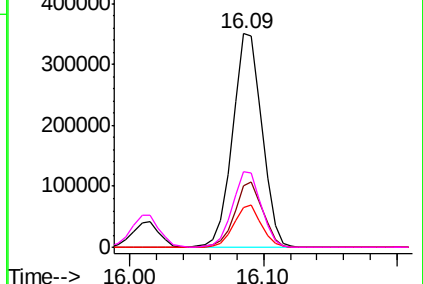
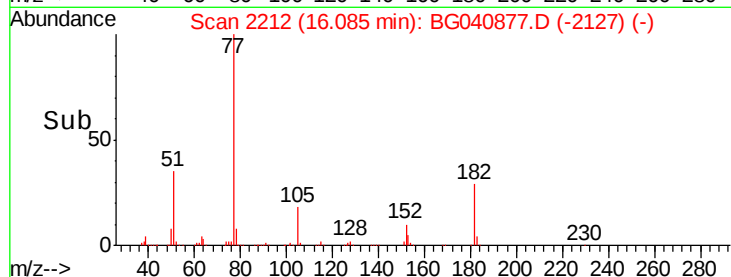


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

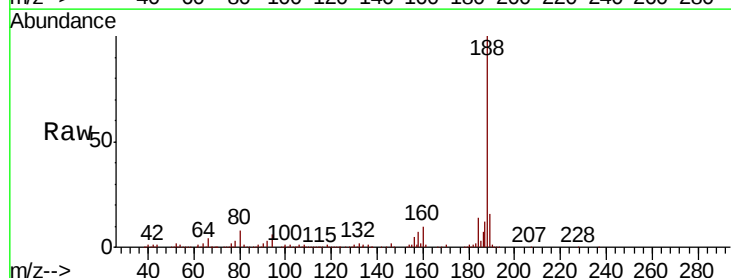
Tgt Ion: 188 Resp: 442623

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

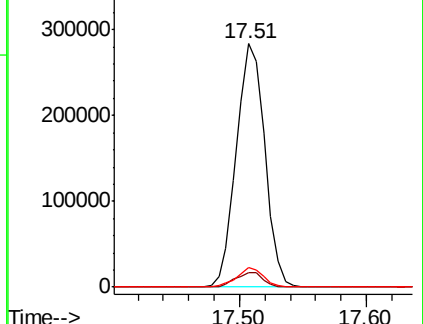
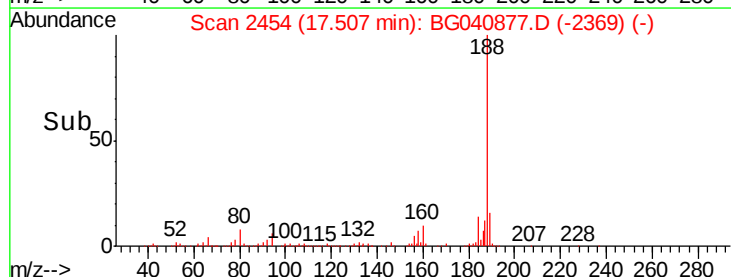
80 8.1 6.4 9.6

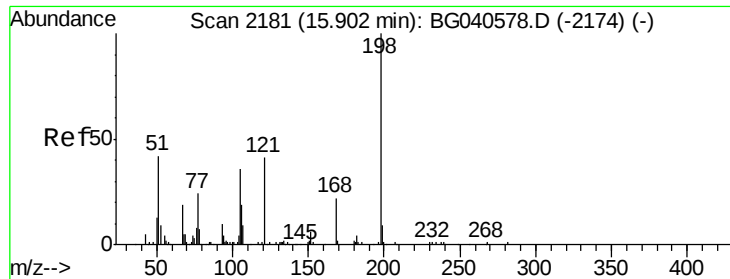


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

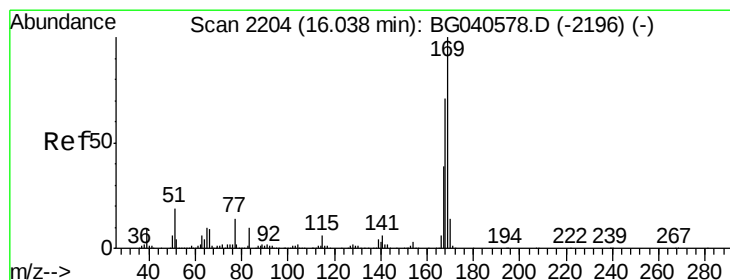
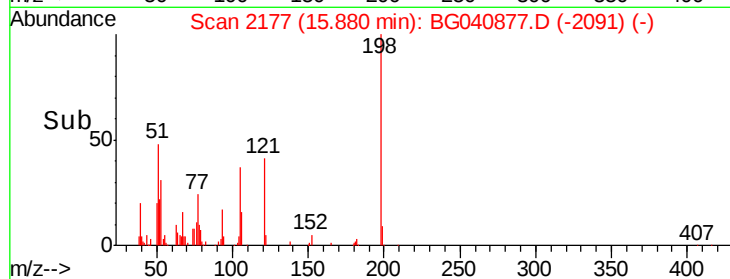
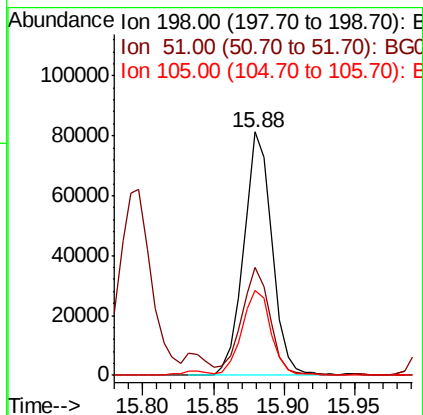
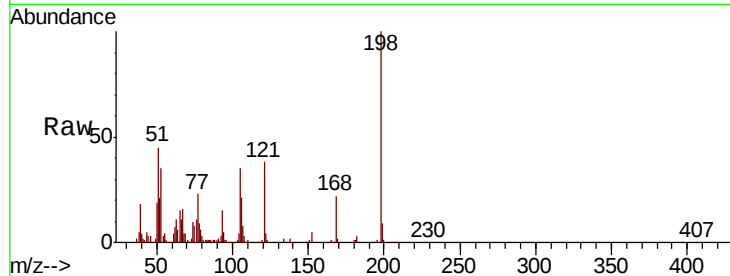




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.596 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

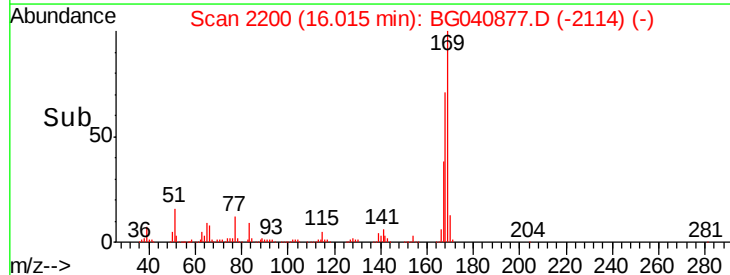
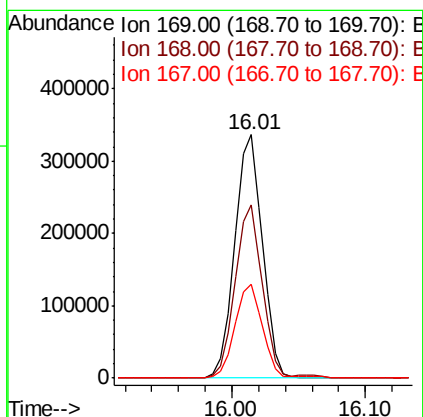
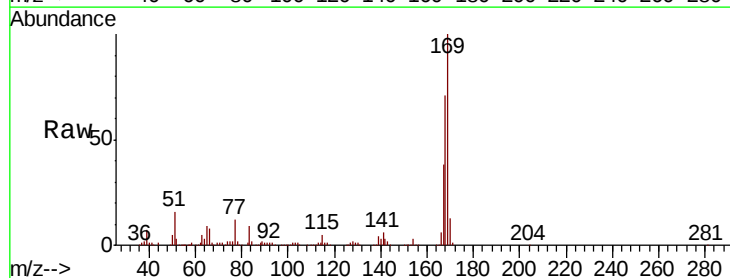
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion:198 Resp: 113888
 Ion Ratio Lower Upper
 198 100
 51 44.6 35.9 75.9
 105 34.7 21.2 61.2



#66
 n-Nitrosodiphenylamine
 Concen: 37.098 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion:169 Resp: 483103
 Ion Ratio Lower Upper
 169 100
 168 71.1 56.8 85.2
 167 38.5 31.4 47.0

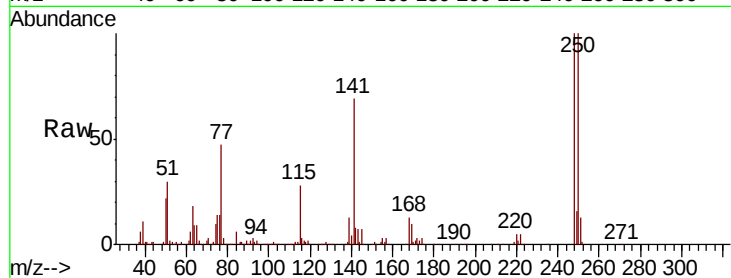




#67
4-Bromophenyl-phenylether
Concen: 39.809 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.8	119.6
141	68.9	60.8	91.2

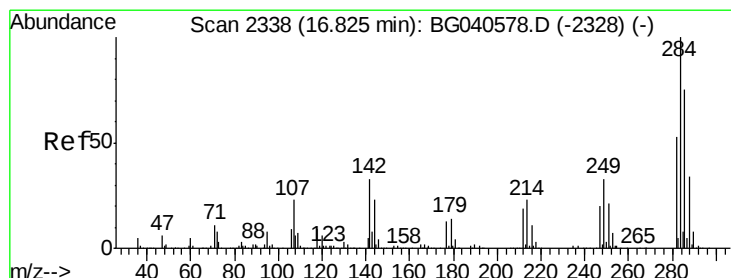
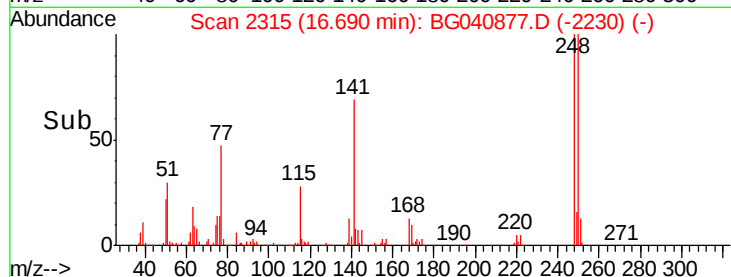
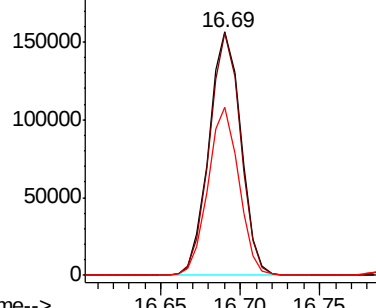


Abundance

Ion 248.00 (247.70 to 248.70): E

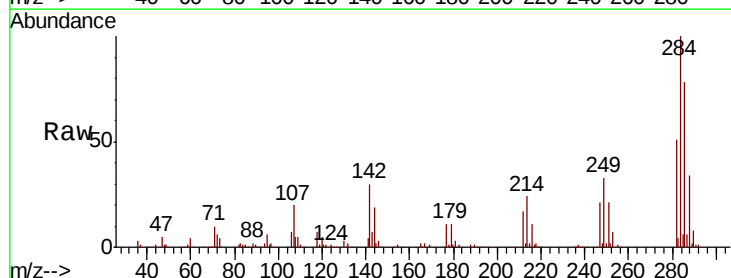
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.777 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.6	40.0
249	33.0	26.0	39.0

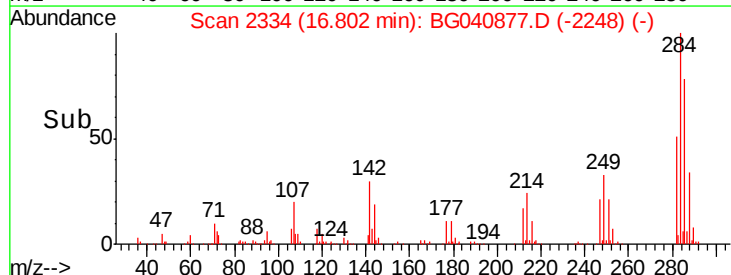
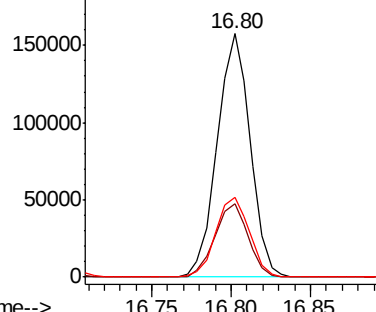


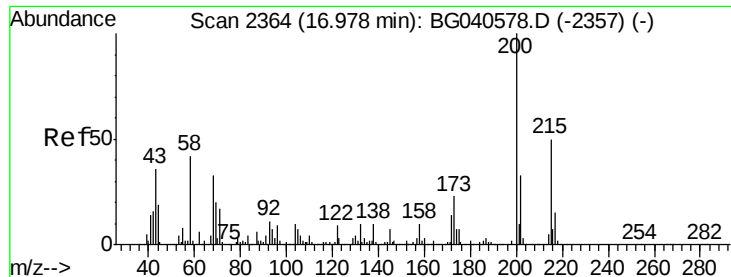
Abundance

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: 40.065 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

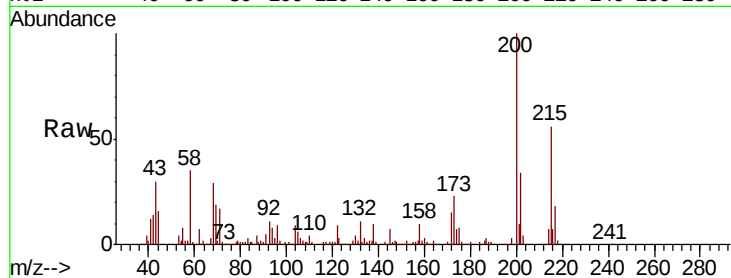
Tgt Ion:200 Resp: 206713

Ion Ratio Lower Upper

200 100

173 23.5 2.8 42.8

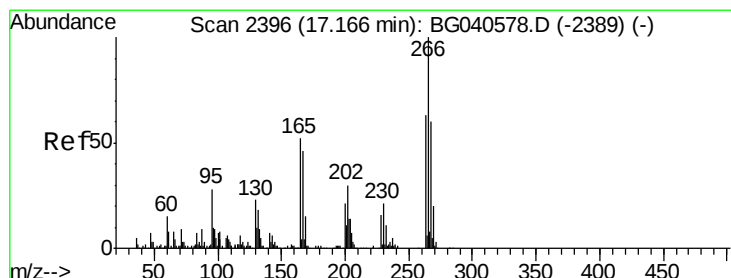
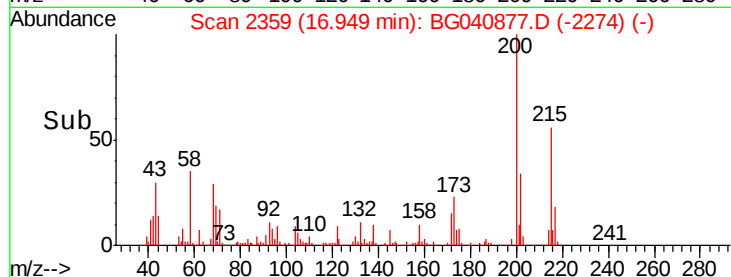
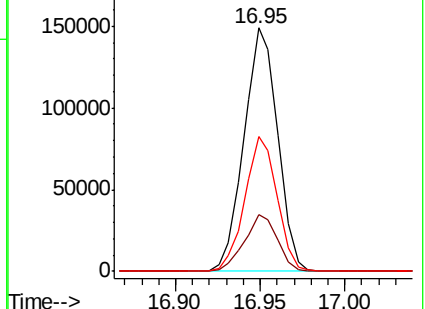
215 55.6 30.2 70.2



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: 91.181 ng

RT: 17.15 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

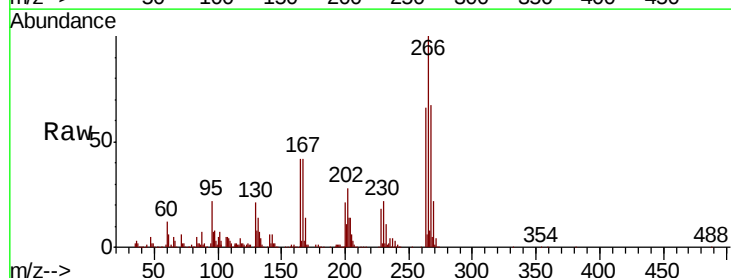
Tgt Ion:266 Resp: 304236

Ion Ratio Lower Upper

266 100

268 66.8 52.3 78.5

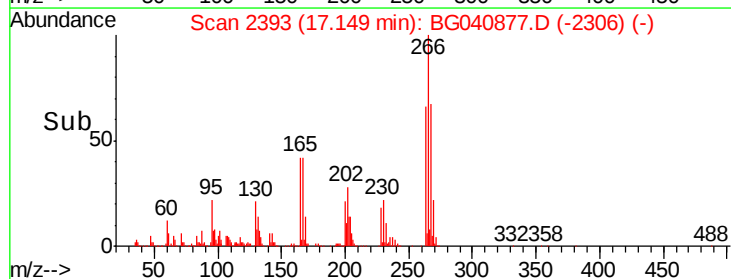
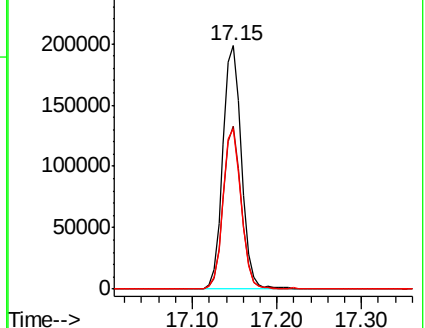
264 65.9 50.0 75.0

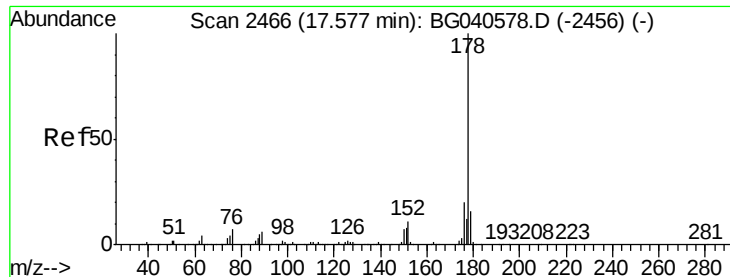


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

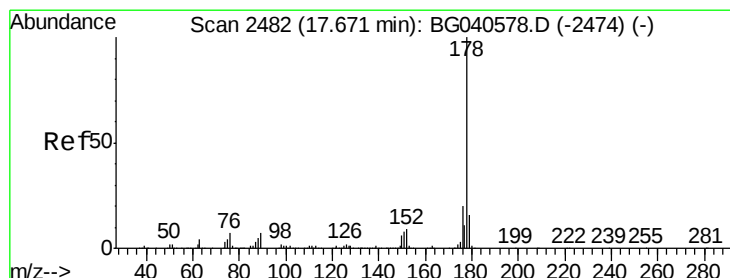
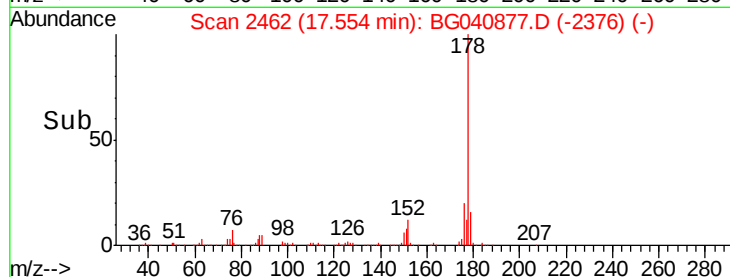
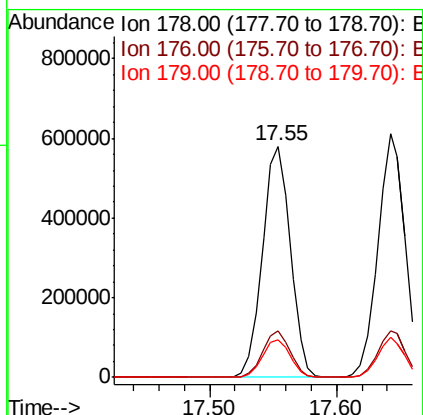
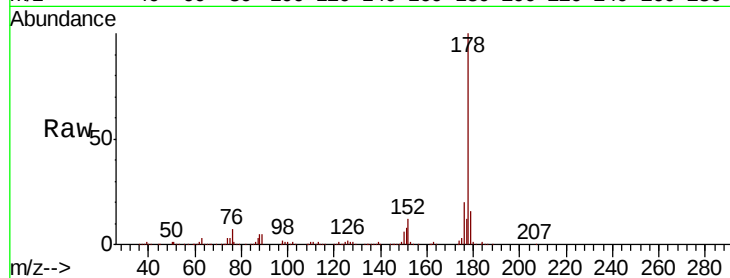




#71
Phenanthrene
Concen: 37.346 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

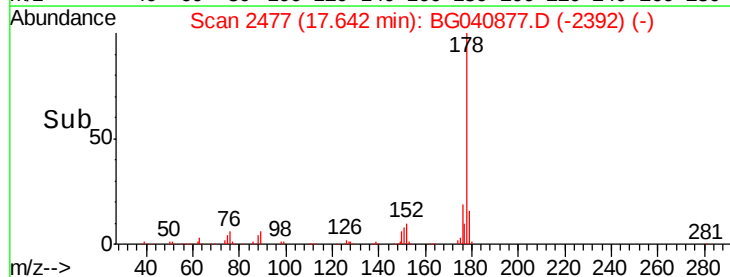
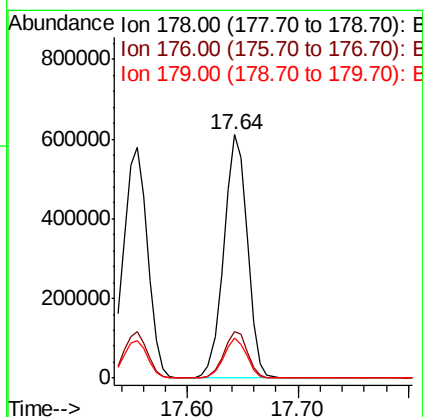
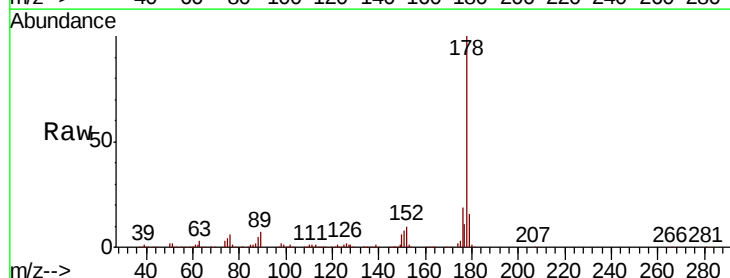
Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	16.3	12.6	18.8



#72
Anthracene
Concen: 38.044 ng
RT: 17.64 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.3	12.9	19.3

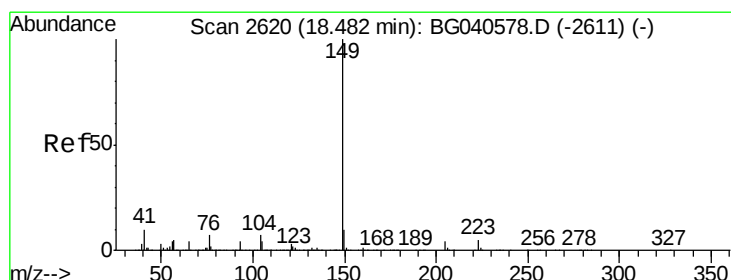
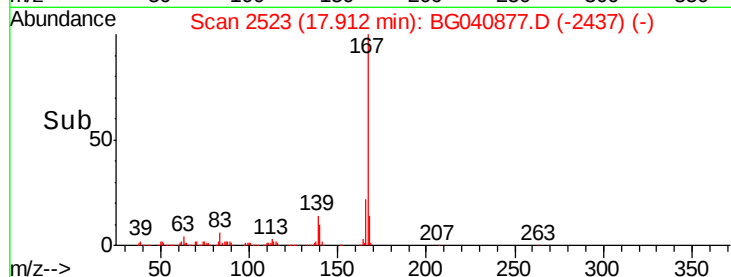
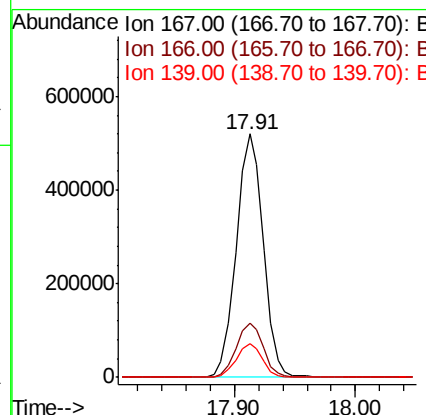
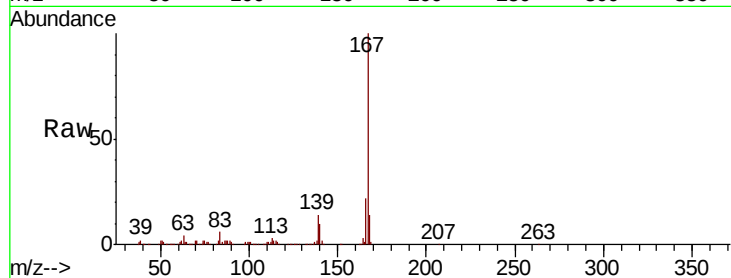




#73
 Carbazole
 Concen: 37.011 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

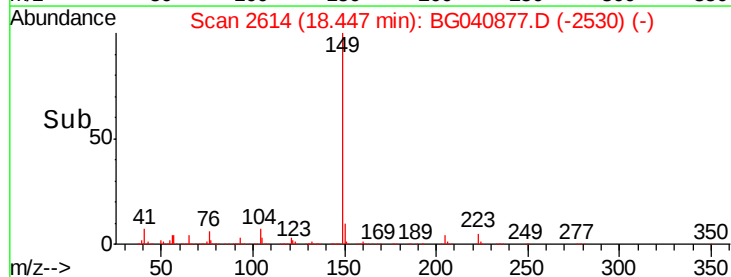
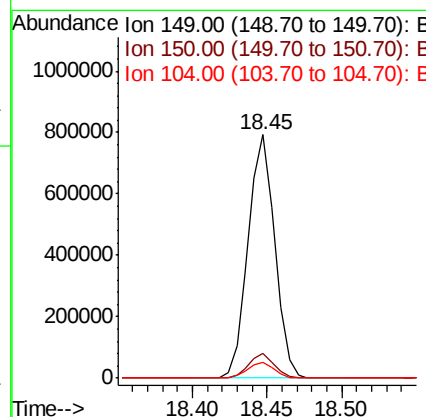
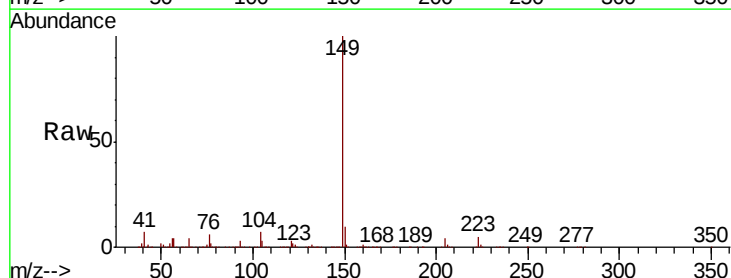
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

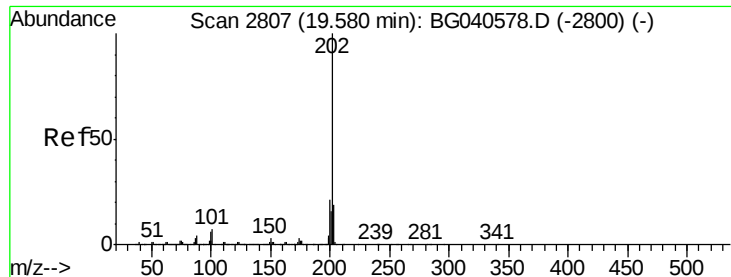
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	13.9	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 37.086 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 40.181 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

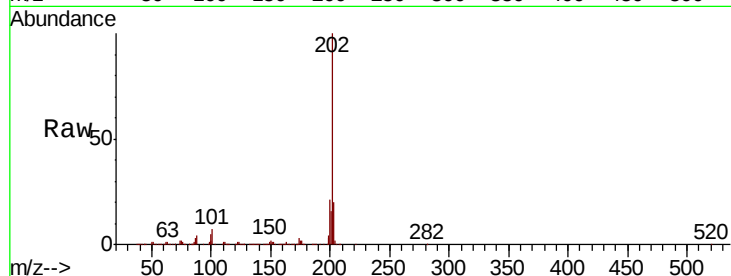
Tgt Ion:202 Resp: 1193774

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.5

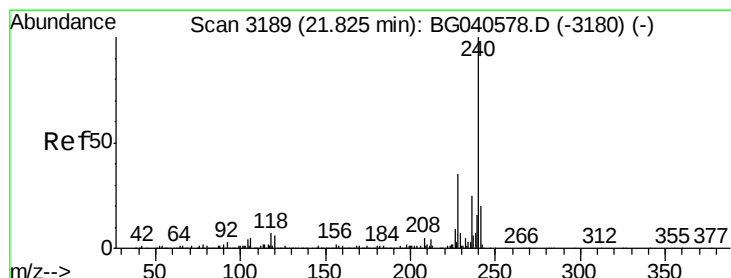
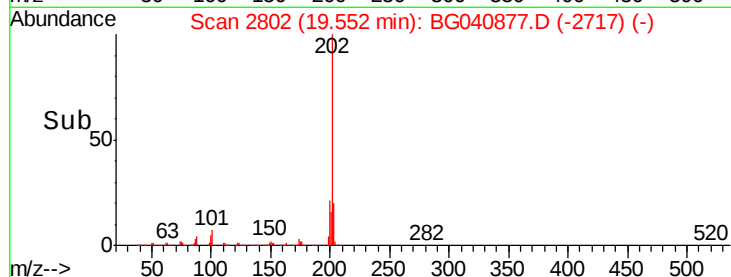
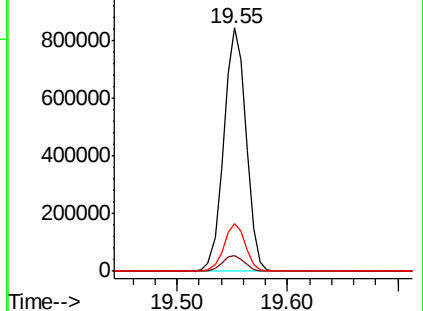
203 19.8 0.0 39.3



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: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

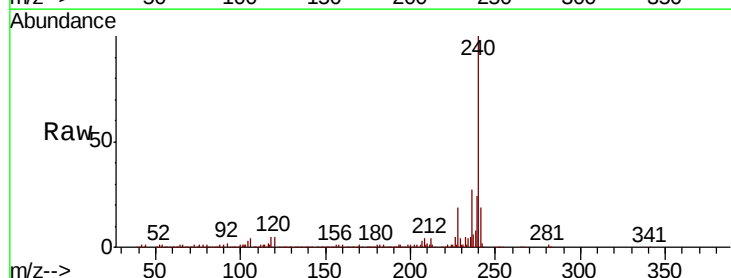
Tgt Ion:240 Resp: 463518

Ion Ratio Lower Upper

240 100

120 4.7 5.0 7.6#

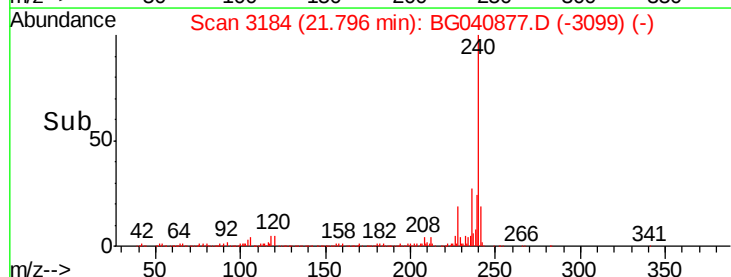
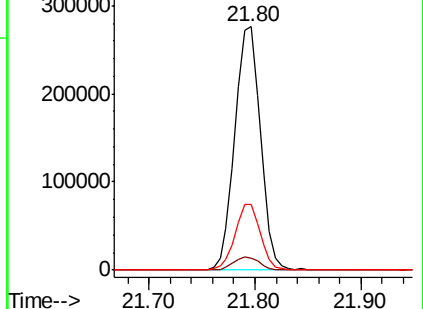
236 27.1 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.134 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

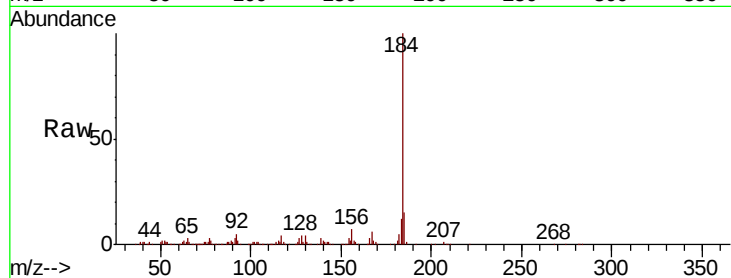
Tgt Ion:184 Resp: 395133

Ion Ratio Lower Upper

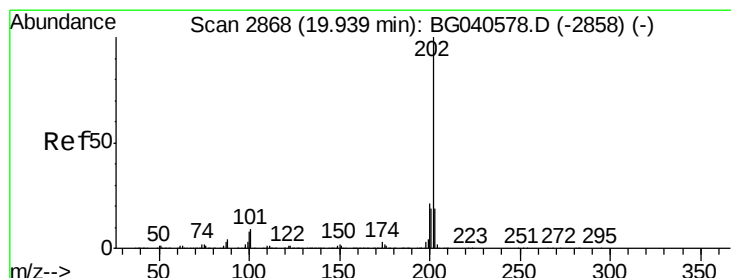
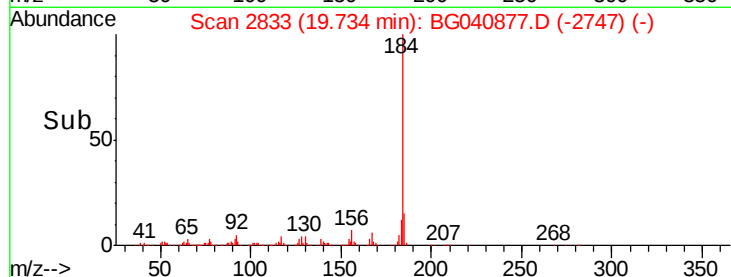
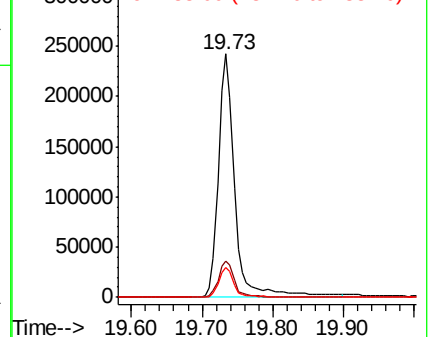
184 100

185 15.0 11.8 17.8

183 12.2 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.051 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

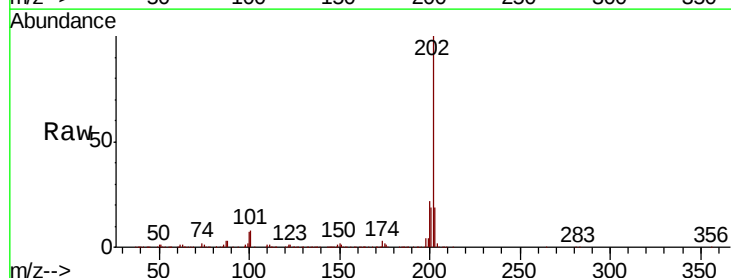
Tgt Ion:202 Resp: 1192583

Ion Ratio Lower Upper

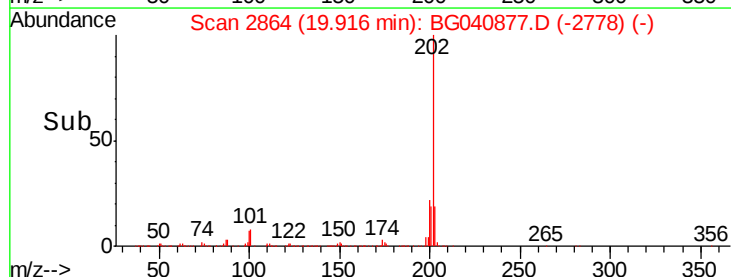
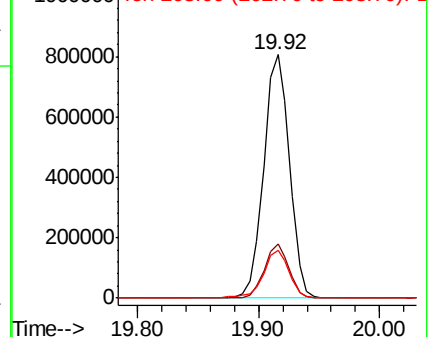
202 100

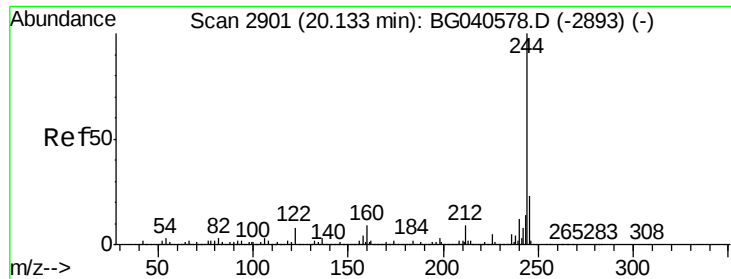
200 22.1 17.2 25.8

203 19.4 15.0 22.4



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: 82.242 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

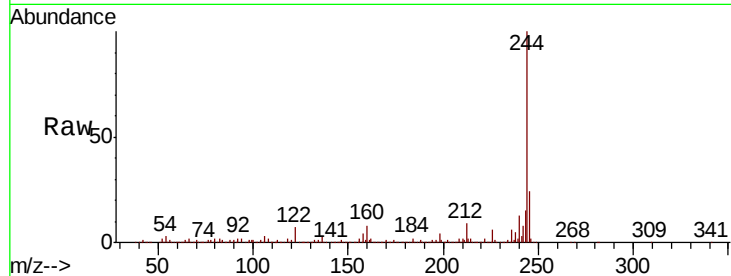
Tgt Ion:244 Resp: 1720699

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

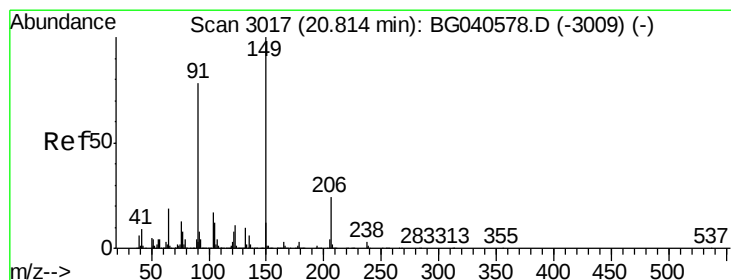
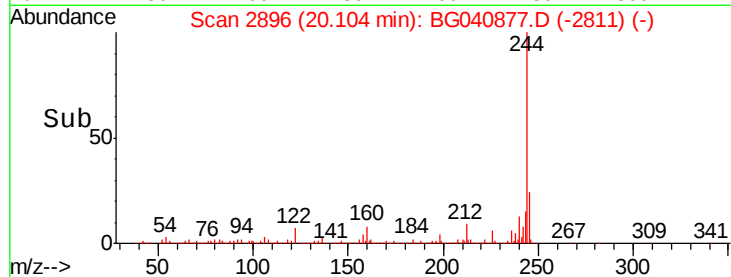
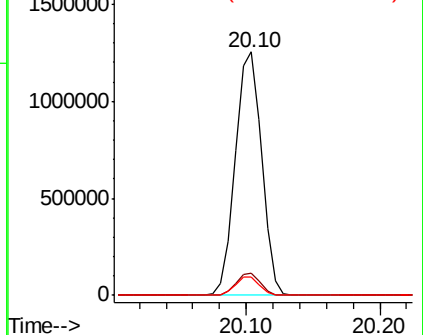
122 7.4 6.6 10.0



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: 40.547 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

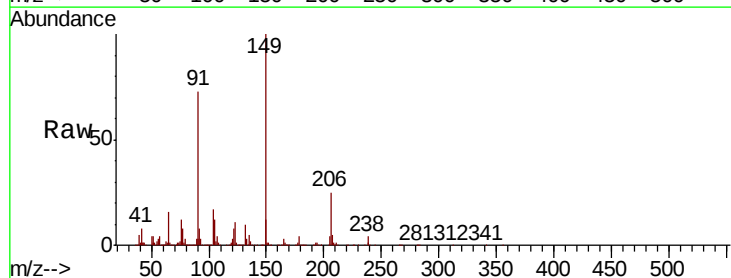
Tgt Ion:149 Resp: 459109

Ion Ratio Lower Upper

149 100

91 73.0 62.6 93.8

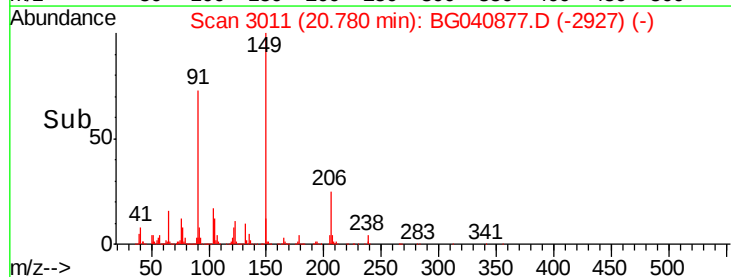
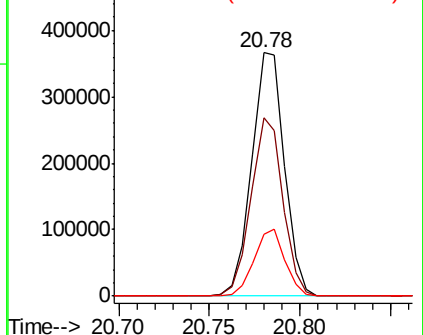
206 25.2 19.4 29.2

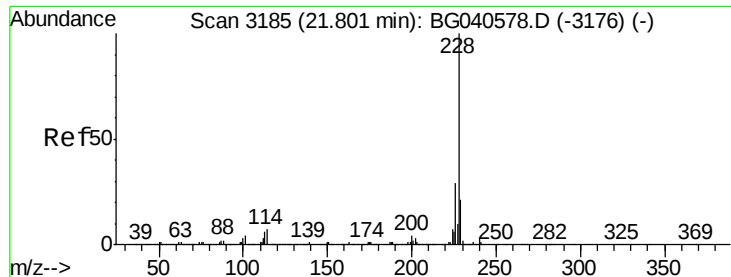


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.522 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

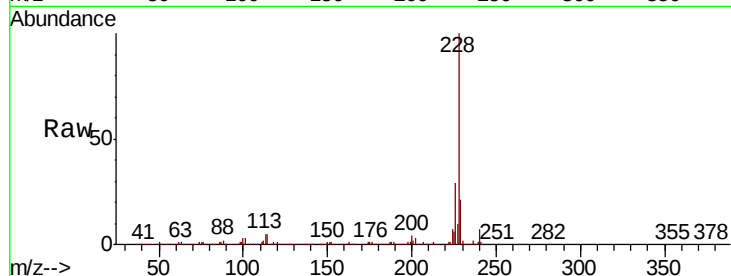
Tgt Ion:228 Resp: 1157788

Ion Ratio Lower Upper

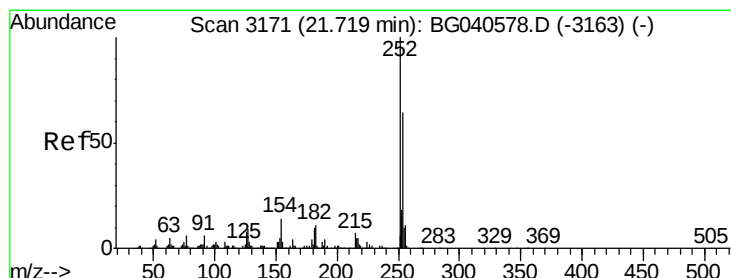
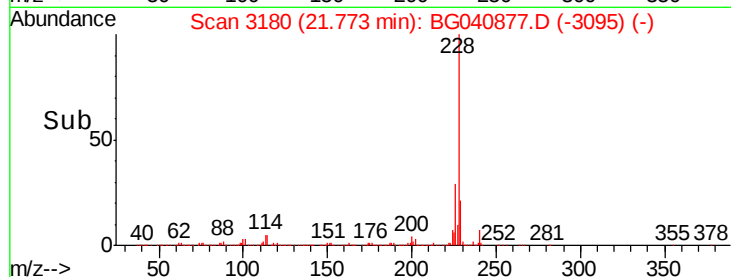
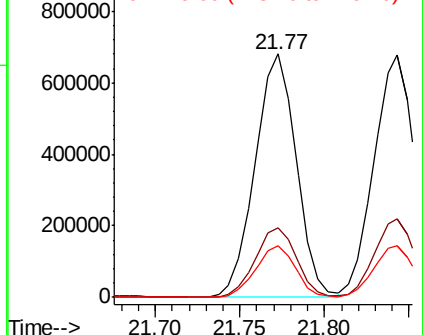
228 100

226 28.8 23.1 34.7

229 21.4 17.0 25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 35.104 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

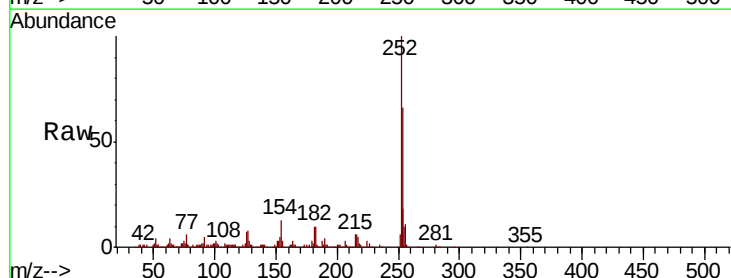
Tgt Ion:252 Resp: 366537

Ion Ratio Lower Upper

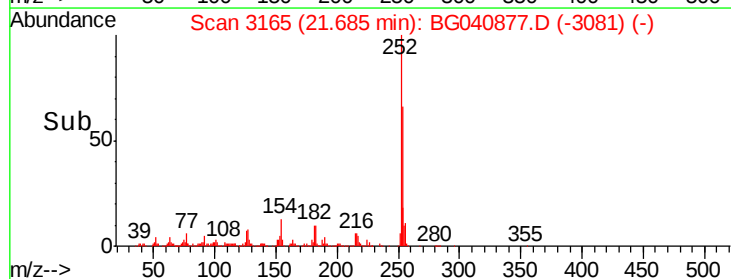
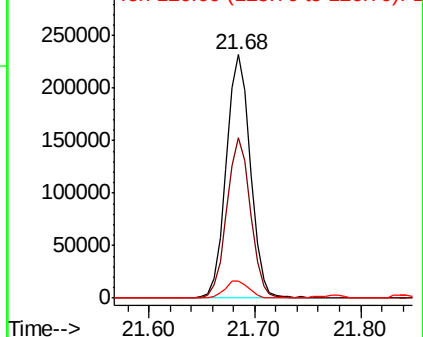
252 100

254 66.1 51.2 76.8

126 7.3 6.6 10.0



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





#83

Chrysene

Concen: 40.869 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

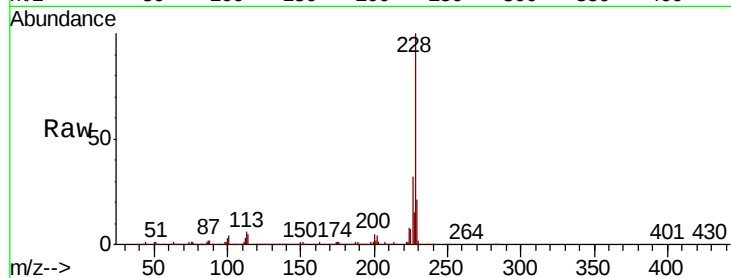
Tgt Ion:228 Resp: 1138610

Ion Ratio Lower Upper

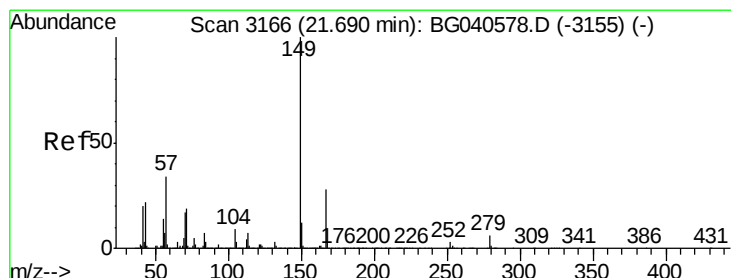
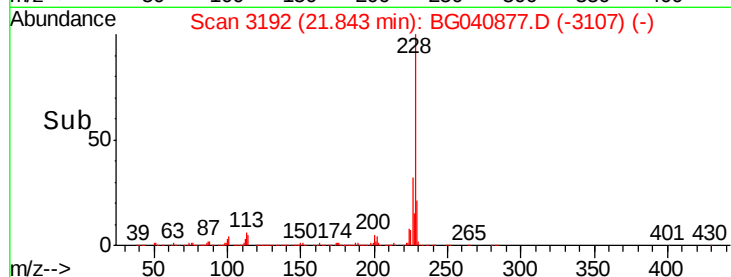
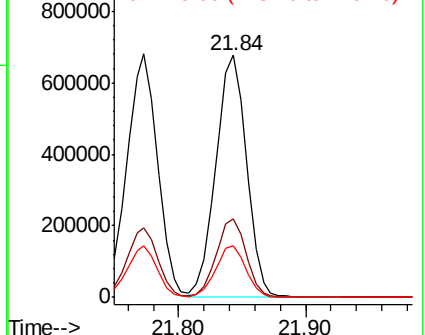
228 100

226 32.4 25.5 38.3

229 21.4 16.8 25.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.692 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.05 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

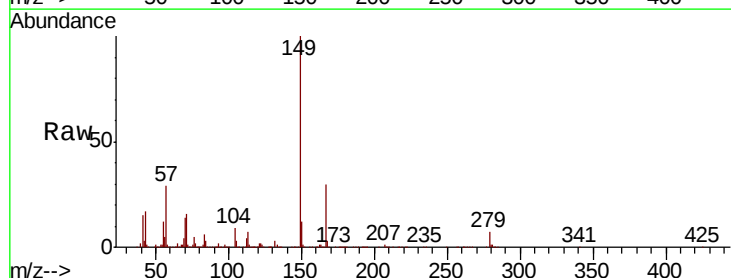
Tgt Ion:149 Resp: 632400

Ion Ratio Lower Upper

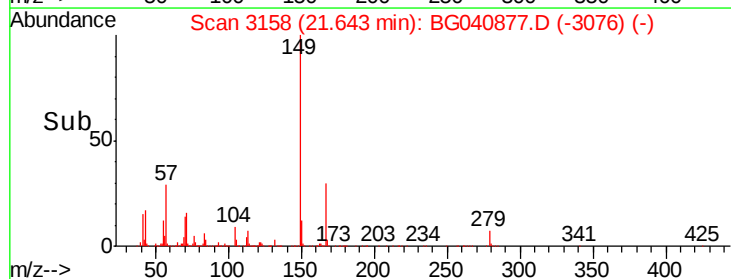
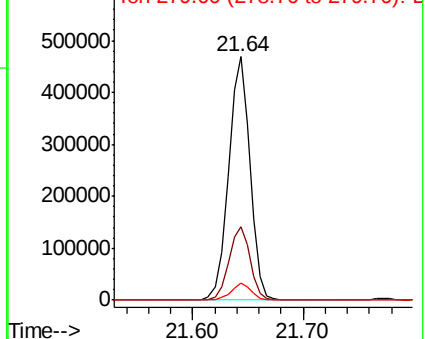
149 100

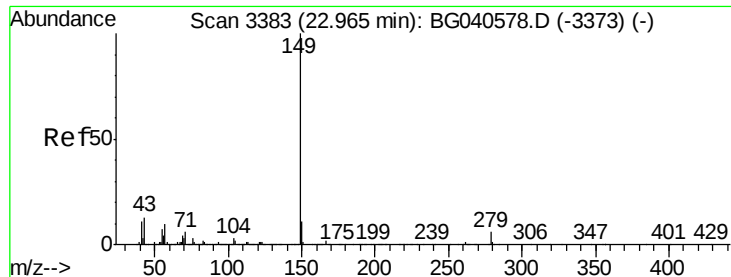
167 30.2 22.4 33.6

279 6.9 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

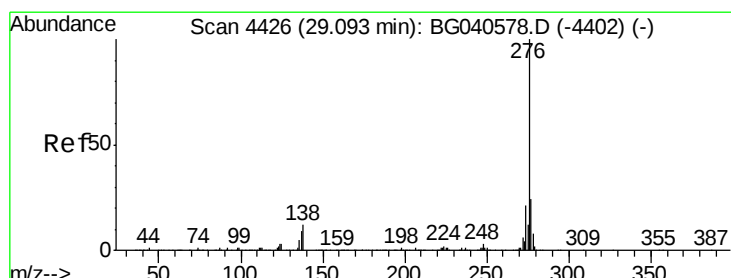
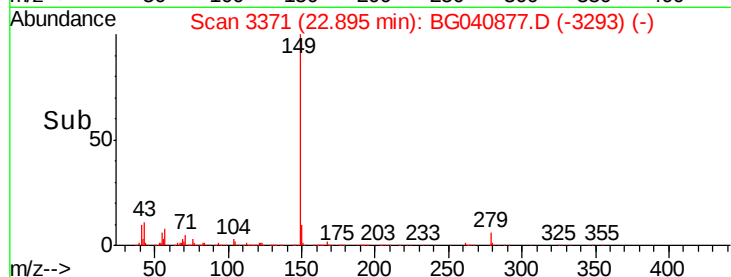
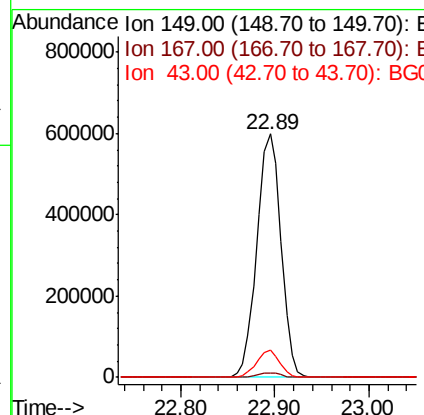
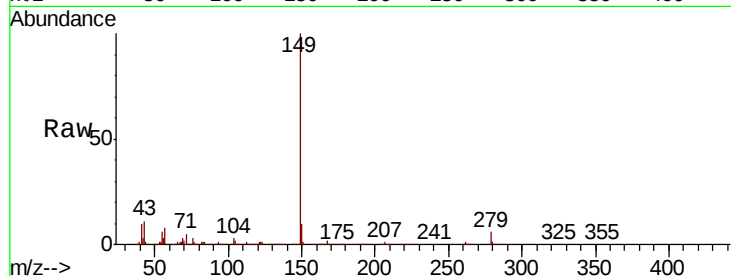




#85
 Di-n-octyl phthalate
 Concen: 38.763 ng
 RT: 22.89 min Scan# 3371
 Delta R.T. -0.07 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

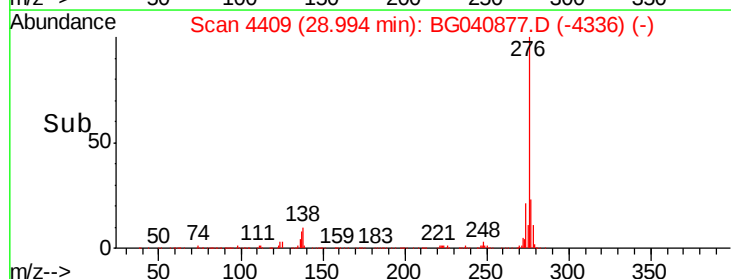
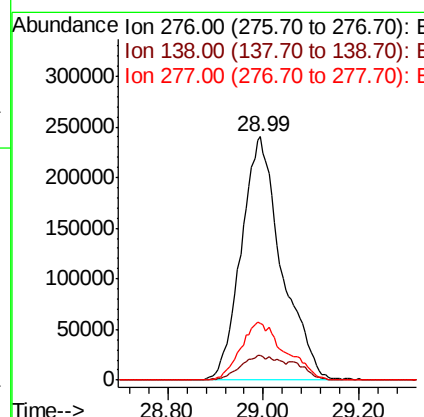
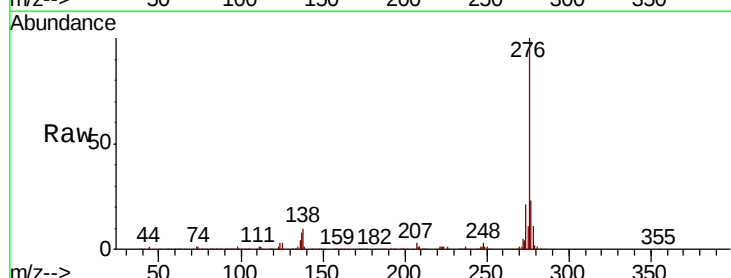
Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion:149 Resp: 1067017
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 10.6 10.2 15.2



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.695 ng
 RT: 28.99 min Scan# 4409
 Delta R.T. -0.10 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion:276 Resp: 1404451
 Ion Ratio Lower Upper
 276 100
 138 9.8 9.8 14.6
 277 26.0 17.3 25.9#

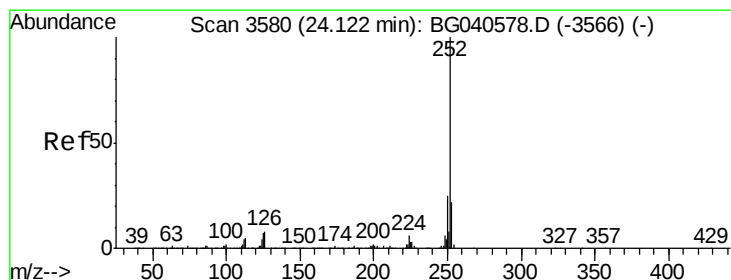
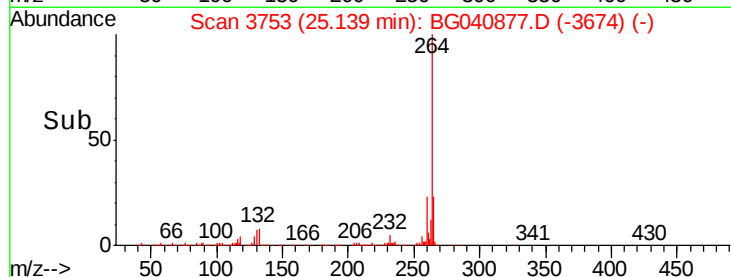
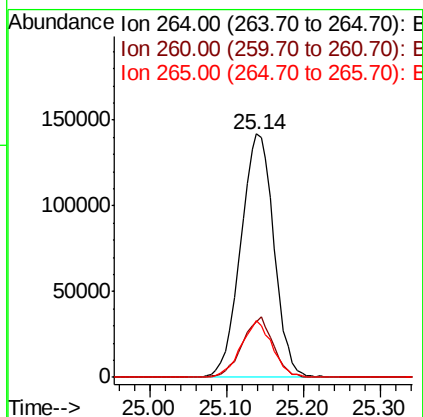
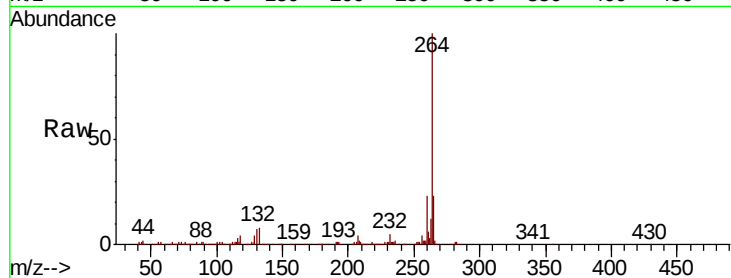




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. -0.06 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

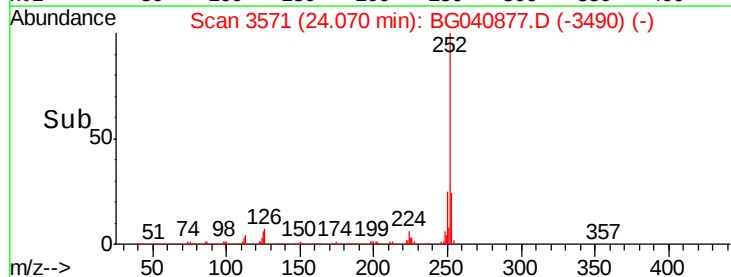
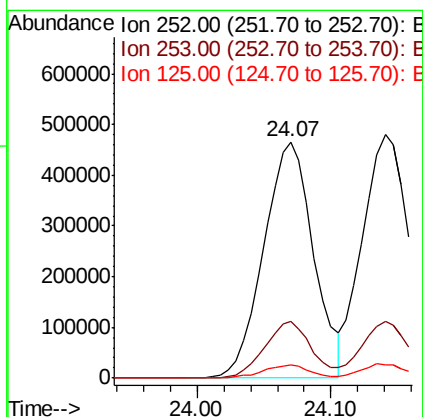
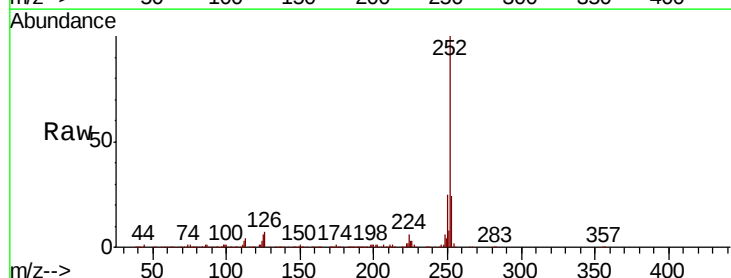
Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion:	264	Resp:	427656
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	23.3	16.6	25.0



#88
Benzo(b)fluoranthene
Concen: 46.113 ng
RT: 24.07 min Scan# 3571
Delta R.T. -0.05 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:	252	Resp:	1205103
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	5.7	5.4	8.0

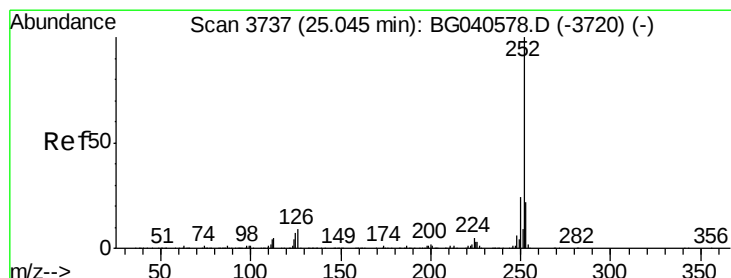
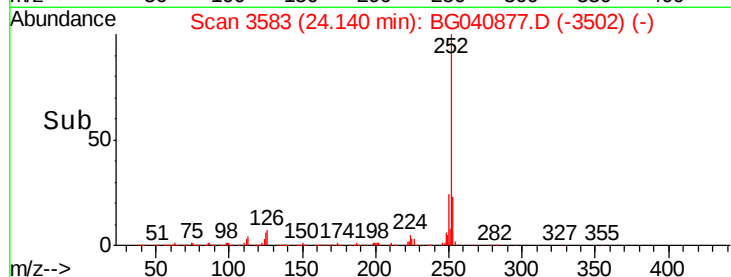
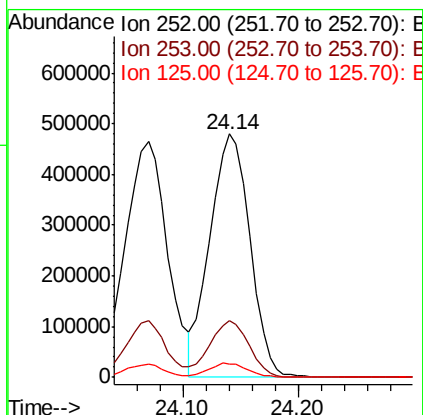
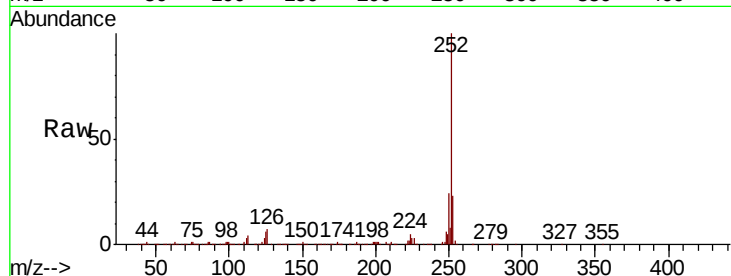




#89
Benzo(k)fluoranthene
Concen: 47.219 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.05 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

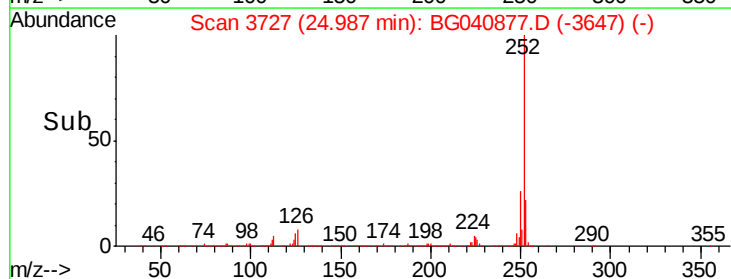
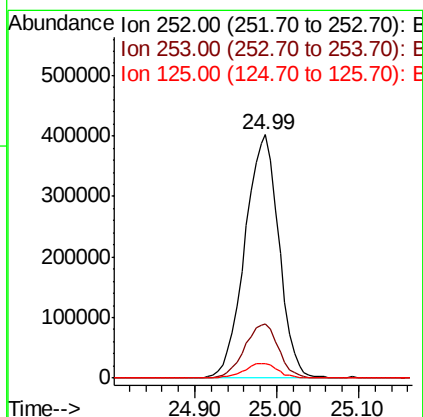
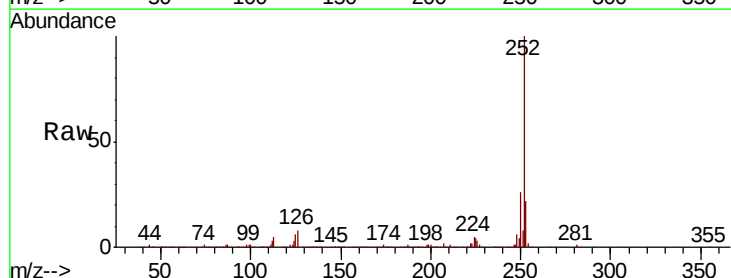
Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion:252 Resp: 1152417
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 5.7 5.5 8.3



#90
Benzo(a)pyrene
Concen: 46.925 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:252 Resp: 1160794
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 6.1 5.7 8.5

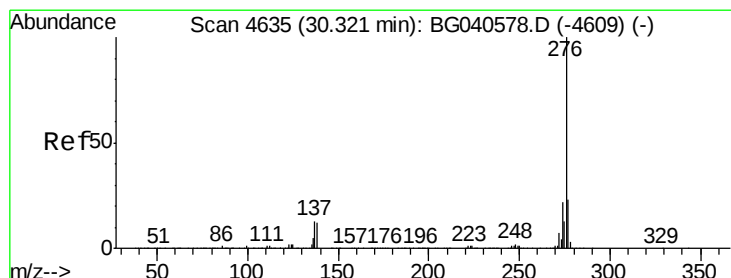
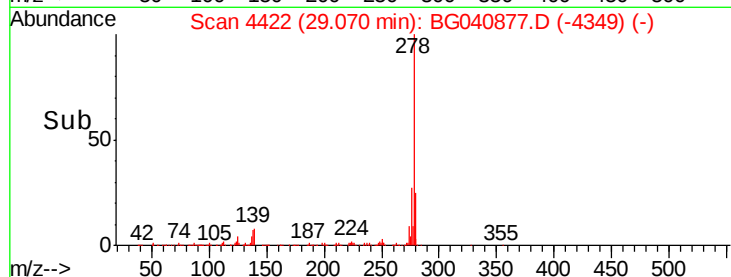
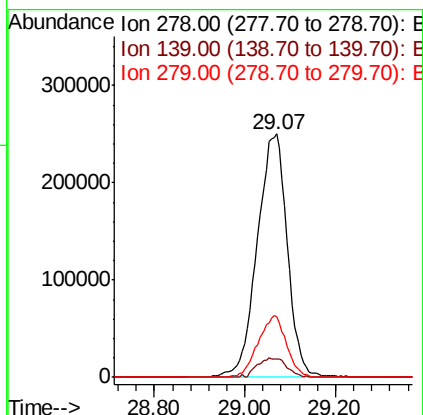
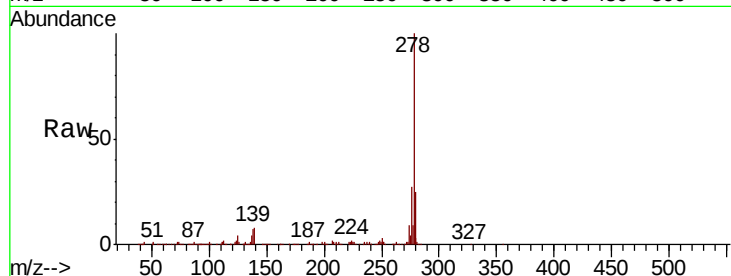




#91
Dibenzo(a,h)anthracene
Concen: 46.312 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.10 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion:278 Resp: 1159342
Ion Ratio Lower Upper
278 100
139 7.8 8.2 12.4#
279 24.7 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 47.185 ng
RT: 30.20 min Scan# 4615
Delta R.T. -0.12 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion:276 Resp: 1175578
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 10.2 9.8 14.6

