

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040878.D
 Acq On : 11 May 2019 17:57
 Operator : HP/JU
 Sample : PB119607BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Quant Time: May 12 04:58:45 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	8.13	152	54992	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	224865	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	170509	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	429680	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	443589	20.00	ng	-0.03
87) Perylene-d12	25.14	264	403767	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	462001	148.09	ng	-0.02
7) Phenol-d6	7.28	99	670526	139.59	ng	-0.02
23) Nitrobenzene-d5	9.31	82	393056	80.77	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	361648	154.31	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	900537	76.27	ng	-0.03
79) Terphenyl-d14	20.10	244	1649007	82.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	48043	33.863	ng	90
3) Pyridine	3.94	79	126778	30.829	ng	99
4) n-Nitrosodimethylamine	3.86	42	76508	33.542	ng	# 99
6) Aniline	7.46	93	182809	28.714	ng	98
8) 2-Chlorophenol	7.69	128	151762	39.841	ng	97
9) Benzaldehyde	7.27	77	86767	27.256	ng	98
10) Phenol	7.31	94	204753	39.655	ng	97
11) bis(2-Chloroethyl)ether	7.55	93	138326	35.725	ng	93
12) 1,3-Dichlorobenzene	8.02	146	156162	37.560	ng	98
13) 1,4-Dichlorobenzene	8.17	146	159502	37.843	ng	97
14) 1,2-Dichlorobenzene	8.49	146	150972	37.142	ng	98
15) Benzyl Alcohol	8.37	79	177171	35.449	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	224869	29.171	ng	93
17) 2-Methylphenol	8.56	107	145630	39.854	ng	94
18) Hexachloroethane	9.22	117	61646	35.655	ng	99
19) n-Nitroso-di-n-propylamine	8.94	70	139842	32.342	ng	93
20) 3+4-Methylphenols	8.89	107	200569	39.402	ng	97
22) Acetophenone	8.96	105	254850	40.757	ng	# 95
24) Nitrobenzene	9.36	77	206814	39.831	ng	94
25) Isophorone	9.87	82	401939	37.078	ng	99
26) 2-Nitrophenol	10.06	139	92373	49.630	ng	98
27) 2,4-Dimethylphenol	10.10	122	165526	47.399	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	207969	38.238	ng	97
29) 2,4-Dichlorophenol	10.59	162	182399	45.943	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	187771	42.649	ng	97
31) Naphthalene	11.01	128	475515	39.804	ng	99
32) Benzoic acid	10.23	122	110891	46.385	ng	93
33) 4-Chloroaniline	11.11	127	136151	25.705	ng	95
34) Hexachlorobutadiene	11.27	225	139746	42.994	ng	97
35) Caprolactam	11.90	113	31715	20.234	ng	# 86
36) 4-Chloro-3-methylphenol	12.22	107	208499	41.630	ng	97
37) 2-Methylnaphthalene	12.60	142	364220	40.777	ng	97
38) 1-Methylnaphthalene	12.82	142	351621	40.275	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	256742	40.420	ng	98

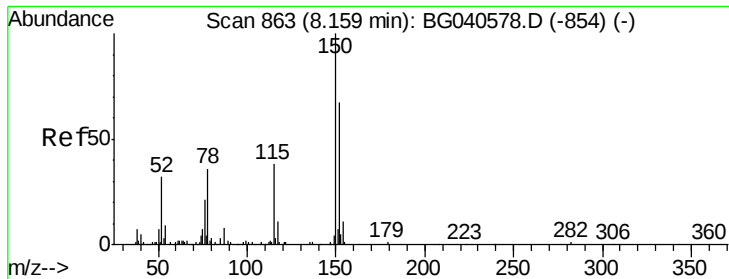
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040878.D
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	324008	86.445	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	177757	46.309	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	189451	45.307	ng	94
46) 1,1'-Biphenyl	13.60	154	494143	37.326	ng	97
47) 2-Chloronaphthalene	13.65	162	404059	39.001	ng	97
48) 2-Nitroaniline	13.85	65	152544	41.364	ng	92
49) Acenaphthylene	14.49	152	640934	36.463	ng	99
50) Dimethylphthalate	14.21	163	562280	39.414	ng	99
51) 2,6-Dinitrotoluene	14.34	165	123502	44.356	ng	90
52) Acenaphthene	14.83	154	371865	36.327	ng	94
53) 3-Nitroaniline	14.67	138	90118	31.589	ng	# 98
54) 2,4-Dinitrophenol	14.88	184	175488	108.968	ng	# 92
55) Dibenzofuran	15.16	168	649448	38.735	ng	100
56) 4-Nitrophenol	14.97	139	202904	82.023	ng	88
57) 2,4-Dinitrotoluene	15.13	165	172832	45.681	ng	84
58) Fluorene	15.81	166	507181	37.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	196945	46.795	ng	95
60) Diethylphthalate	15.57	149	561485	37.303	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	322920	40.970	ng	95
62) 4-Nitroaniline	15.84	138	123447	38.683	ng	93
63) Azobenzene	16.09	77	527685	34.041	ng	95
65) 4,6-Dinitro-2-methylphenol	15.88	198	108892	50.925	ng	89
66) n-Nitrosodiphenylamine	16.01	169	472416	37.370	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	213993	39.975	ng	92
68) Hexachlorobenzene	16.80	284	219469	39.649	ng	96
69) Atrazine	16.95	200	203867	40.704	ng	96
70) Pentachlorophenol	17.15	266	293968	90.757	ng	97
71) Phenanthrene	17.55	178	865903	37.414	ng	99
72) Anthracene	17.64	178	884624	38.027	ng	99
73) Carbazole	17.91	167	783961	36.989	ng	99
74) Di-n-butylphthalate	18.45	149	931280	36.404	ng	100
75) Fluoranthene	19.55	202	1147640	39.792	ng	98
77) Benzidine	19.73	184	363453	29.924	ng	98
78) Pyrene	19.91	202	1128052	40.574	ng	99
80) Butylbenzylphthalate	20.78	149	439251	40.536	ng	90
81) Benzo(a)anthracene	21.77	228	1120882	39.981	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	362174	36.245	ng	99
83) Chrysene	21.84	228	1103691	41.395	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	609957	38.995	ng	97
85) Di-n-octyl phthalate	22.89	149	1025268	38.920	ng	96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1334535	41.399	ng	# 91
88) Benzo(b)fluoranthene	24.14	252	1109448	44.965	ng	97
89) Benzo(k)fluoranthene	24.14	252	1109448	48.147	ng	# 97
90) Benzo(a)pyrene	24.99	252	1118902	47.907	ng	98
91) Dibenzo(a,h)anthracene	29.06	278	1106460	46.814	ng	95
92) Benzo(g,h,i)perylene	30.21	276	1129970	48.038	ng	98

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

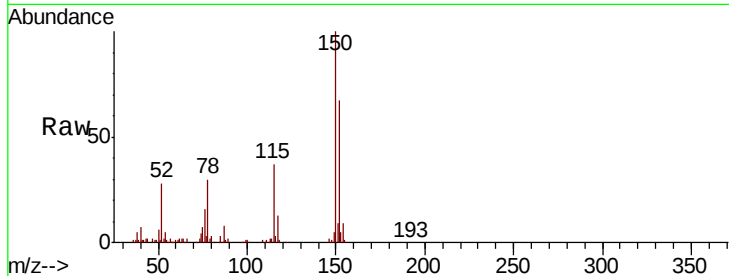


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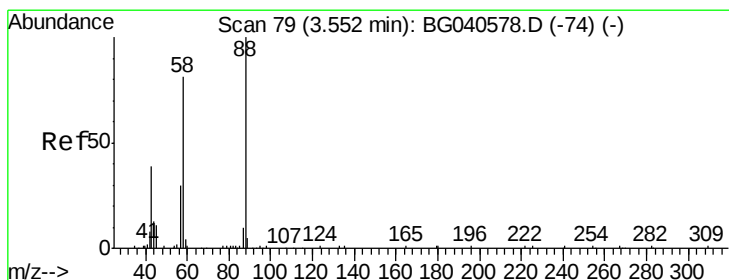
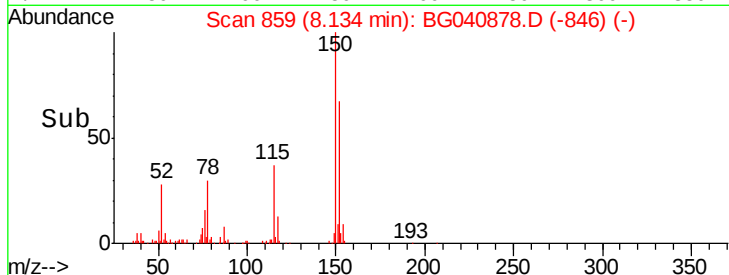
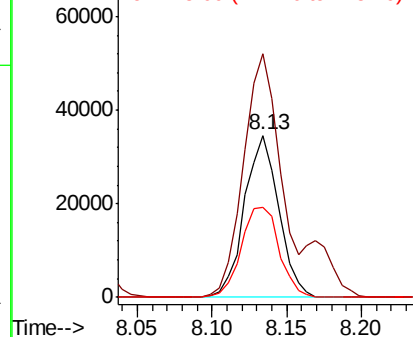
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.2	120.2	180.2
115	55.2	46.2	69.2



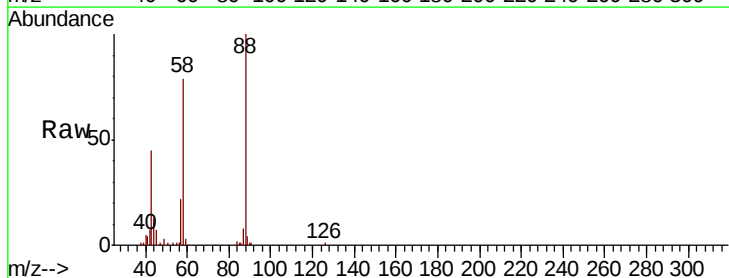
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



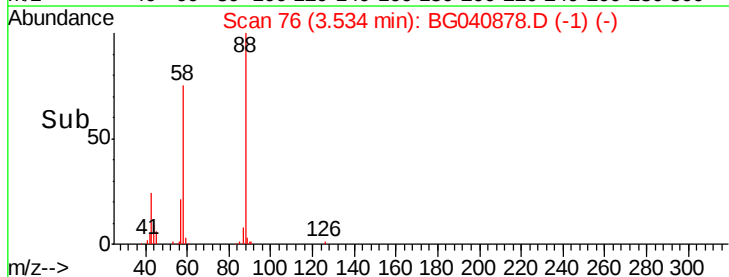
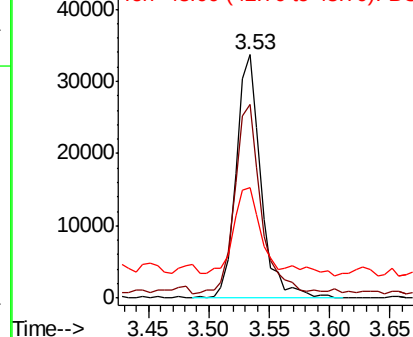
#2

1,4-Dioxane
 Concen: 33.863 ng
 RT: 3.53 min Scan# 76
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	71.2	106.8
43	36.7	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: 30.829 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

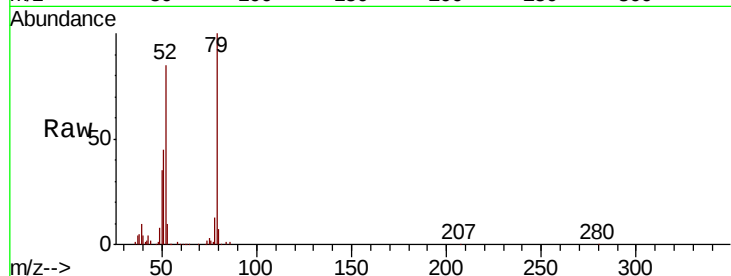
Tgt Ion: 79 Resp: 126778

Ion Ratio Lower Upper

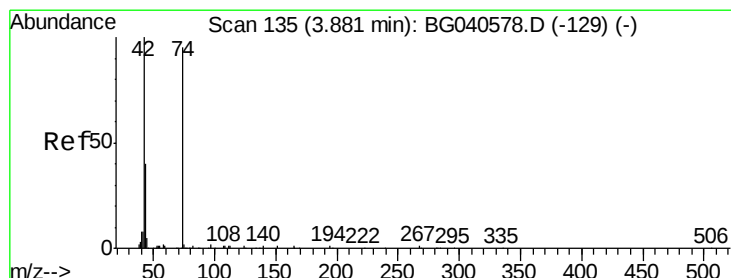
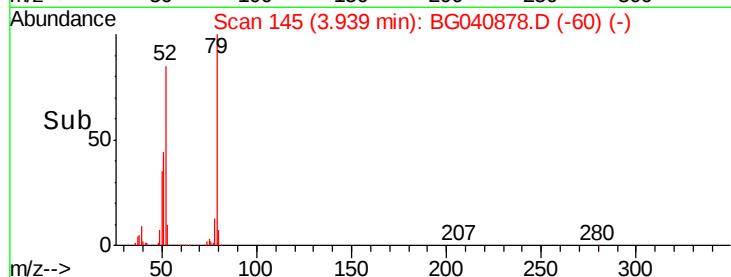
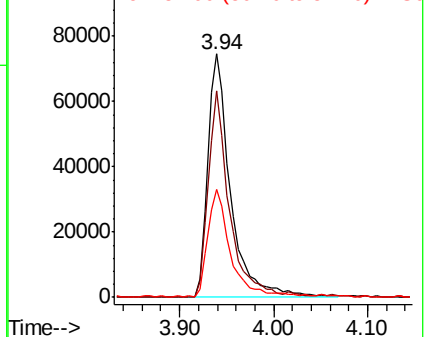
79 100

52 85.1 67.5 101.3

51 44.6 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: 33.542 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

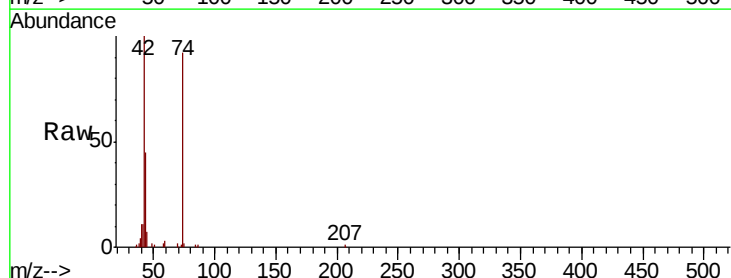
Tgt Ion: 42 Resp: 76508

Ion Ratio Lower Upper

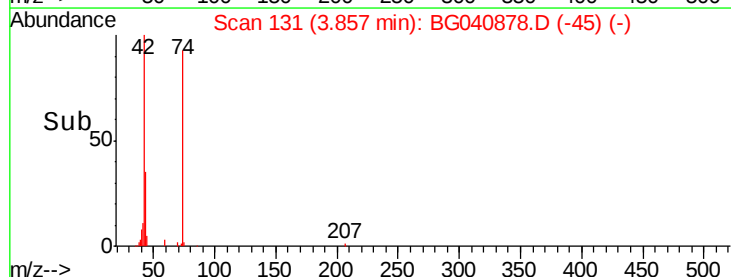
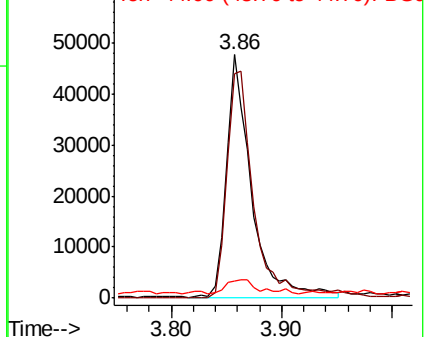
42 100

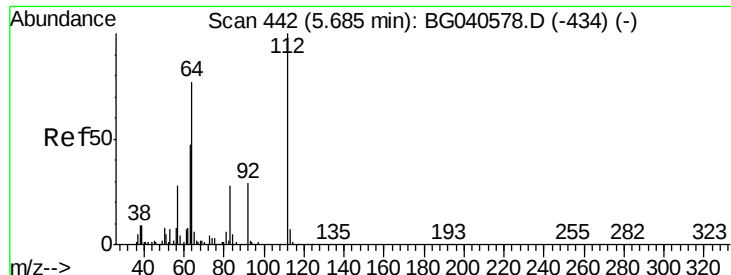
74 92.2 74.6 111.8

44 7.2 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: 148.094 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

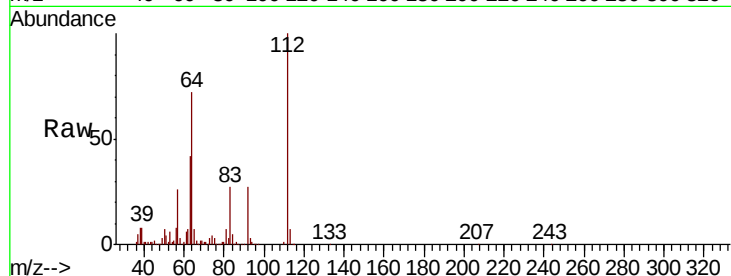
Instrument :

BNA_G

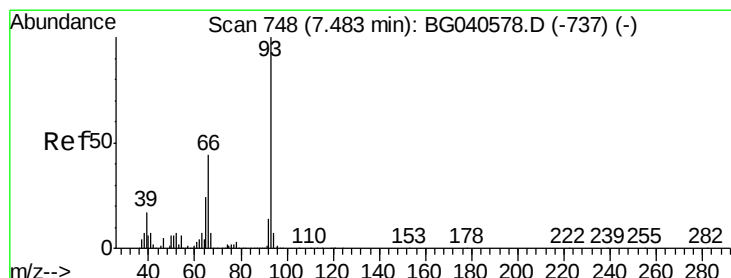
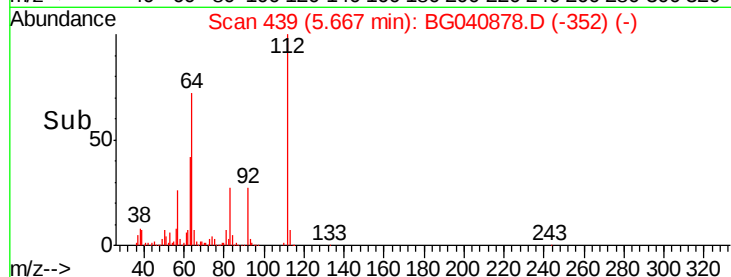
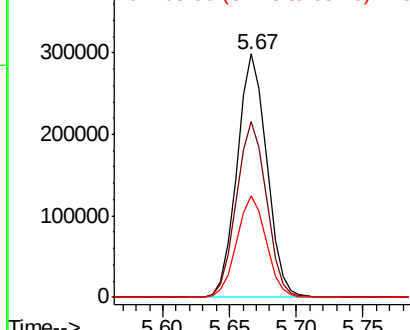
ClientSampleId :

PB119607BS

Tgt Ion:	112	Resp:	462001
Ion	Ratio	Lower	Upper
112	100		
64	72.1	61.4	92.0
63	42.0	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: 28.714 ng

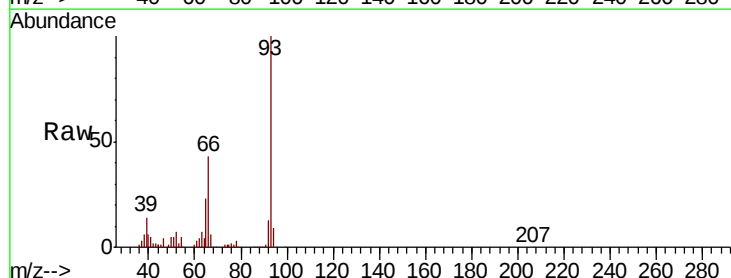
RT: 7.46 min Scan# 744

Delta R.T. -0.02 min

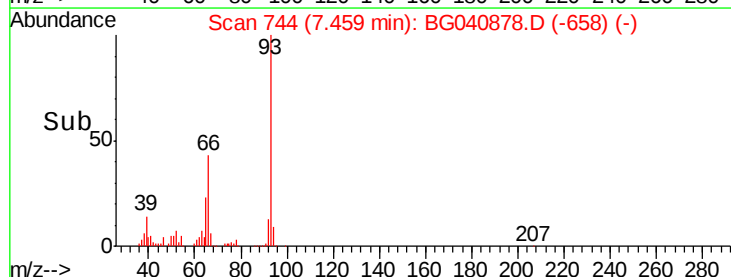
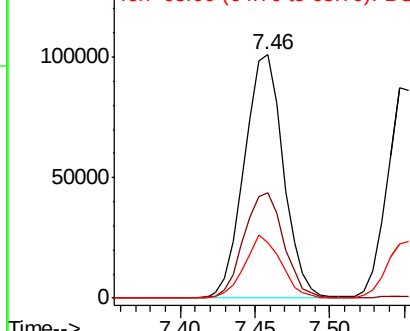
Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion:	93	Resp:	182809
Ion	Ratio	Lower	Upper
93	100		
66	43.4	35.5	53.3
65	23.0	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: 139.595 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

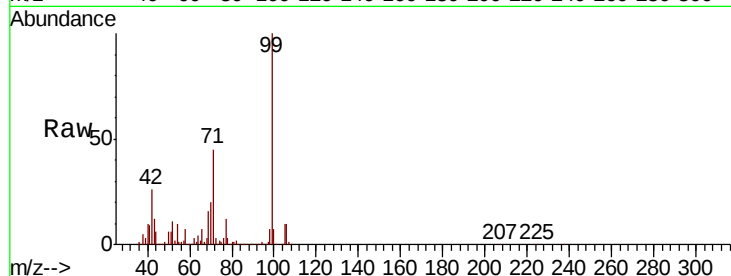
Tgt Ion: 99 Resp: 670526

Ion Ratio Lower Upper

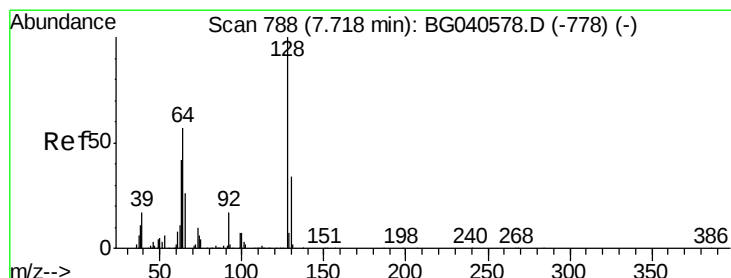
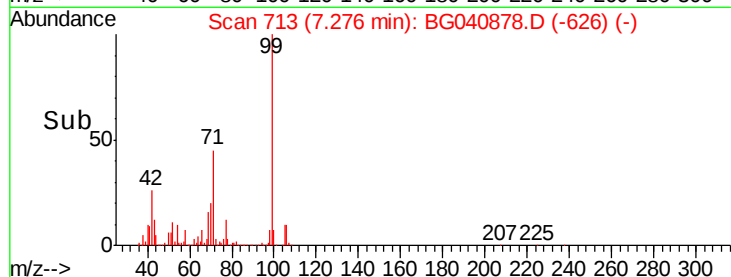
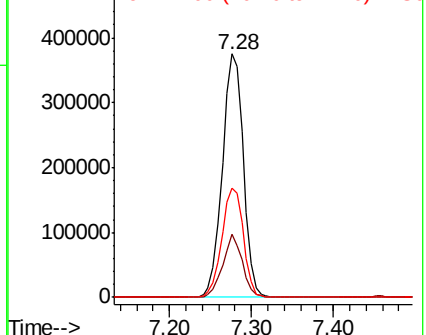
99 100

42 25.7 21.8 32.8

71 44.8 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: 39.841 ng

RT: 7.69 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

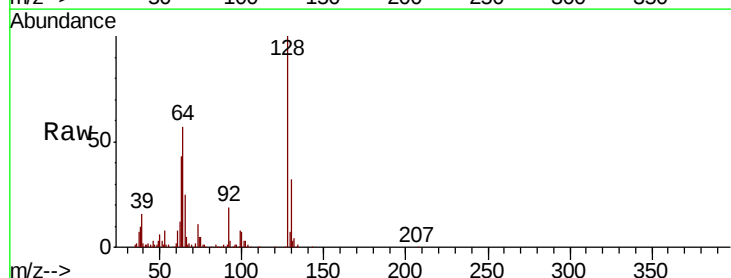
Tgt Ion: 128 Resp: 151762

Ion Ratio Lower Upper

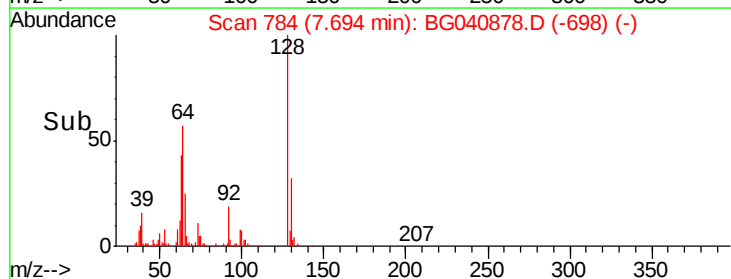
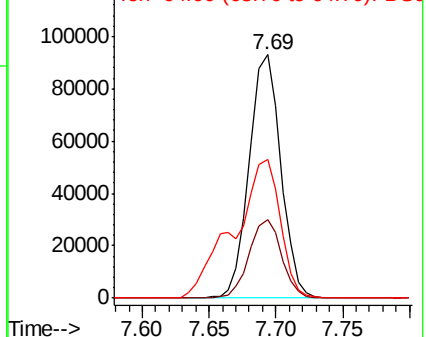
128 100

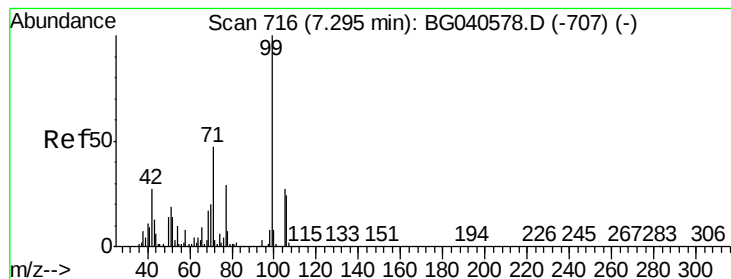
130 32.3 14.5 54.5

64 56.9 38.4 78.4



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





#9

Benzaldehyde

Concen: 27.256 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

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ClientSampleId :

PB119607BS

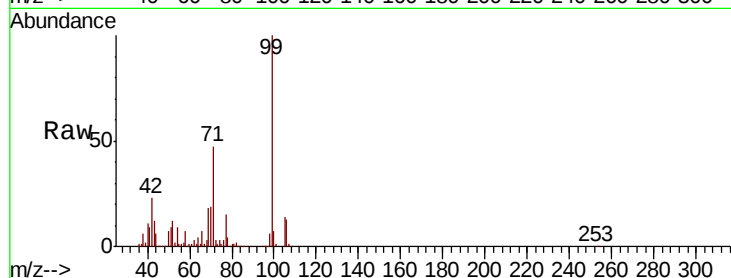
Tgt Ion: 77 Resp: 86767

Ion Ratio Lower Upper

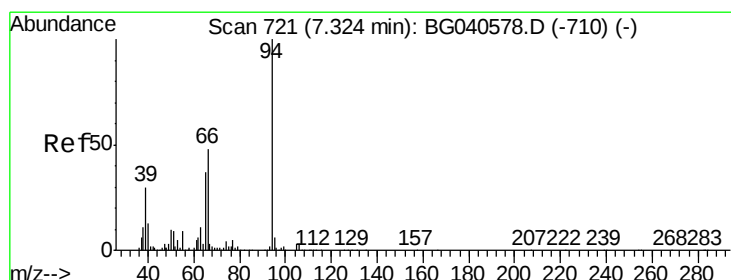
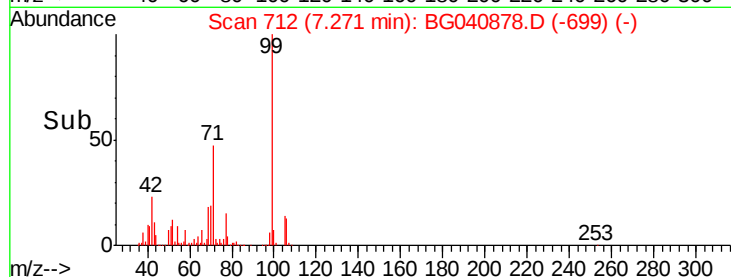
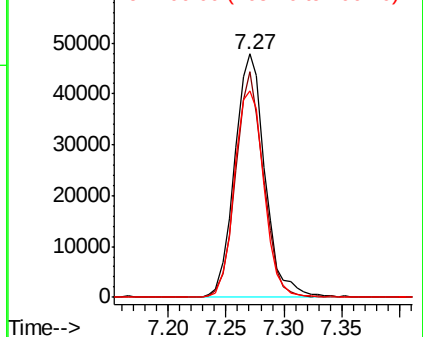
77 100

105 92.8 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: 39.655 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

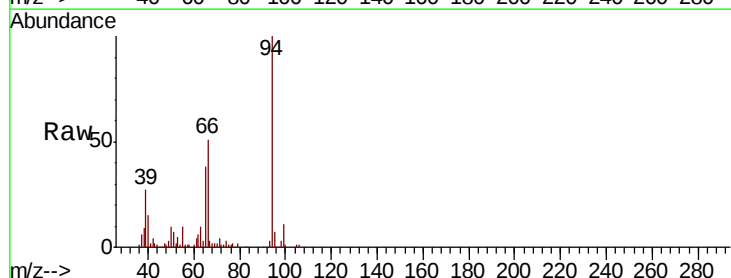
Tgt Ion: 94 Resp: 204753

Ion Ratio Lower Upper

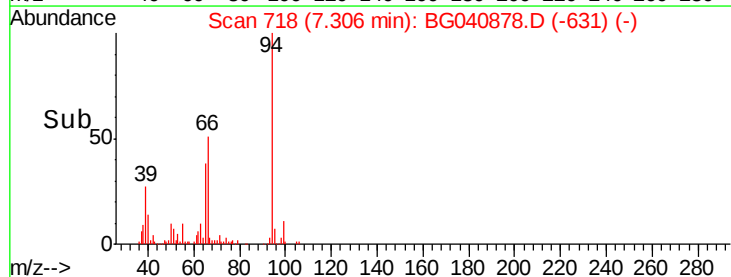
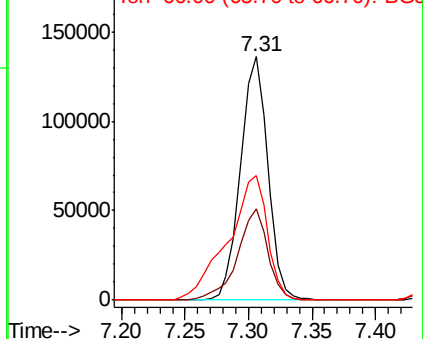
94 100

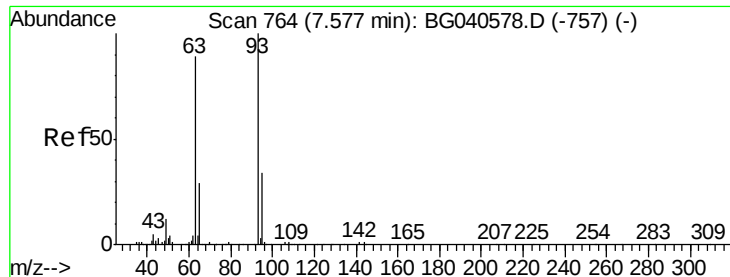
65 37.5 17.0 57.0

66 51.2 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

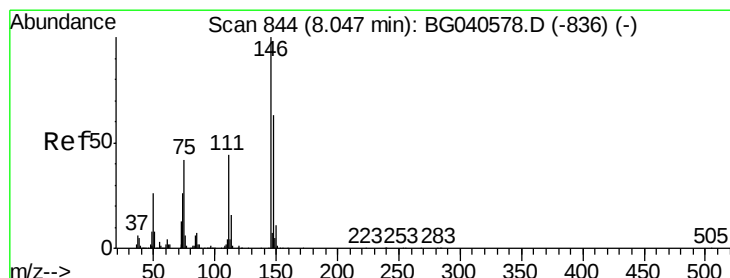
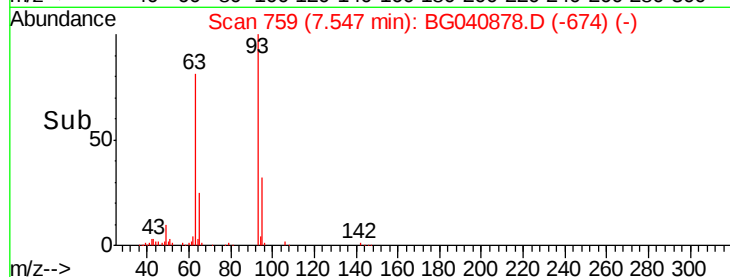
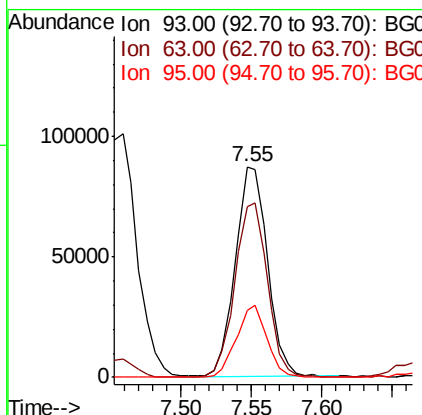
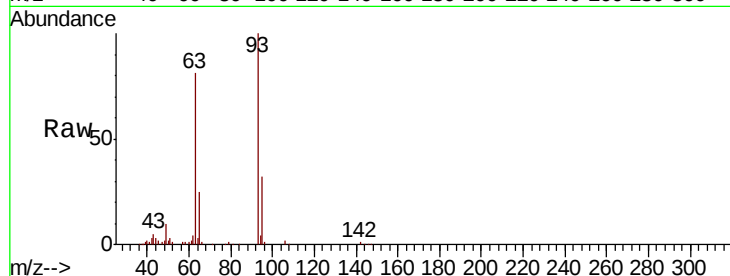




#11
bis(2-Chloroethyl)ether
Concen: 35.725 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

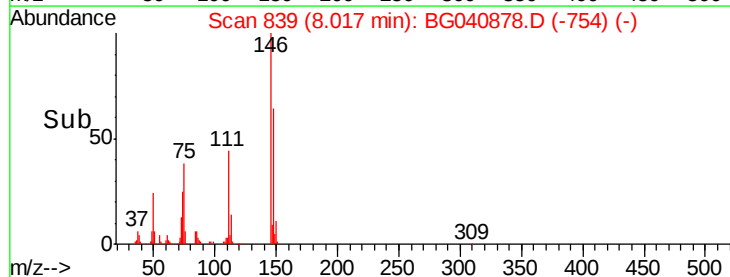
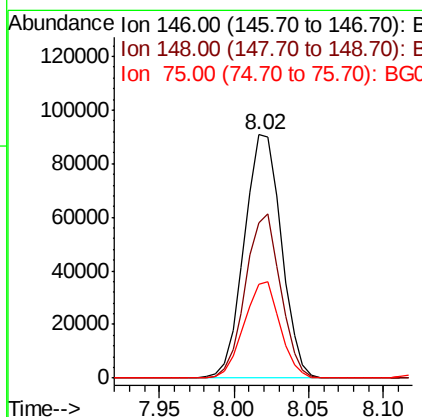
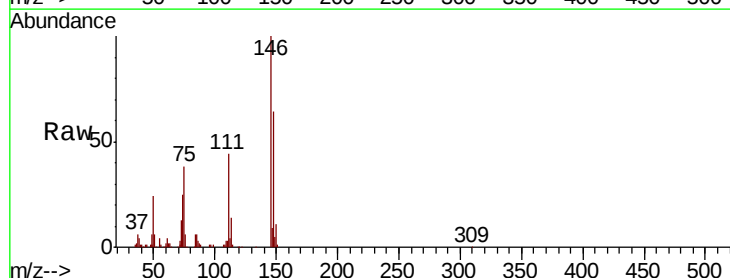
Instrument :
BNA_G
ClientSampleId :
PB119607BS

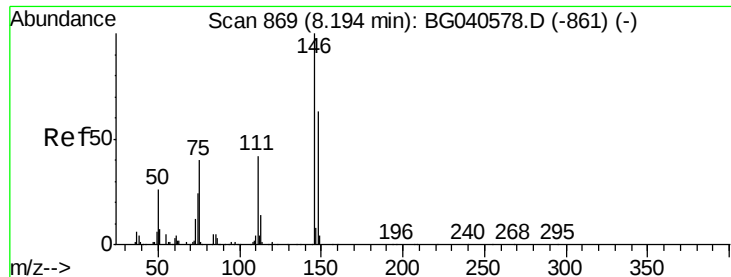
Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.9	68.2	108.2
95	31.6	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 37.560 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
75	38.5	33.4	50.2

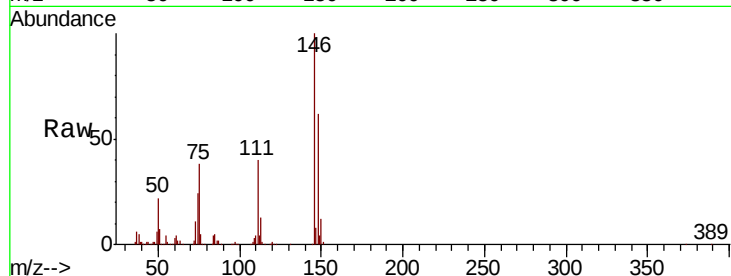




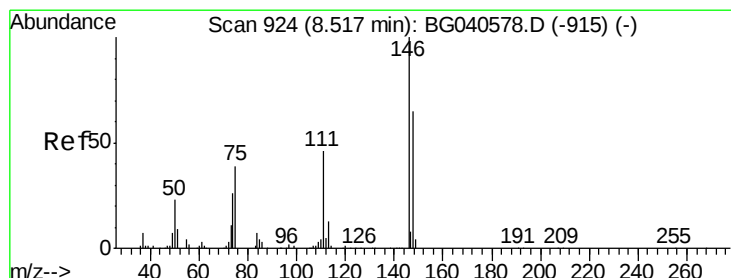
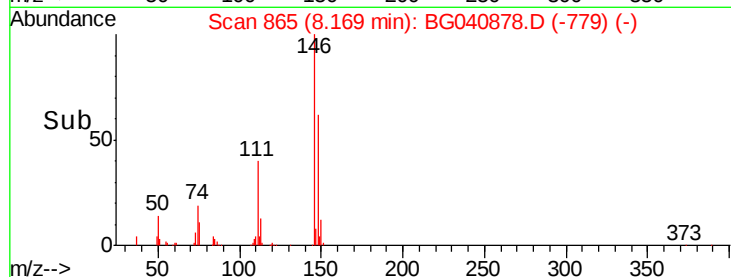
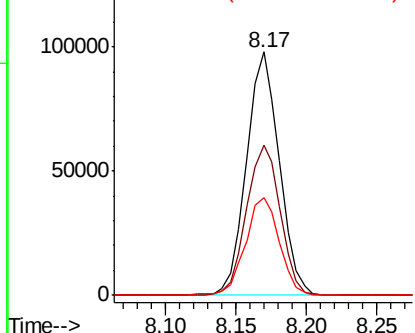
#13
 1,4-Dichlorobenzene
 Concen: 37.843 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	75.8
111	40.3	34.3	51.5

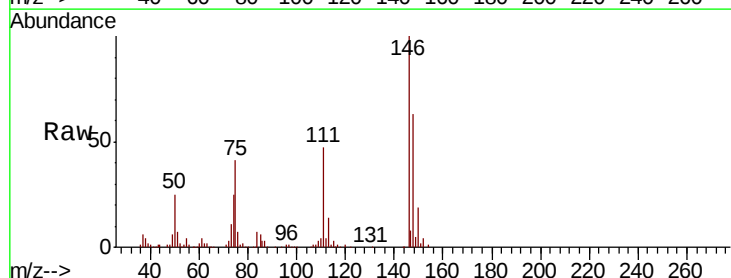


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

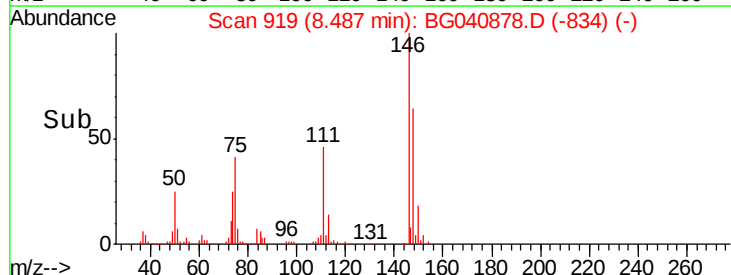
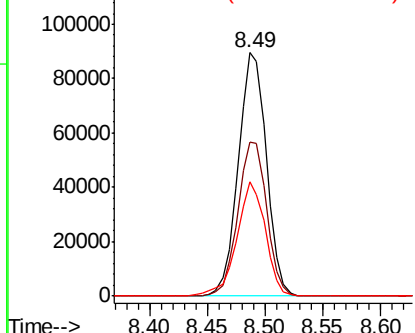


#14
 1,2-Dichlorobenzene
 Concen: 37.142 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
111	46.8	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: 35.449 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

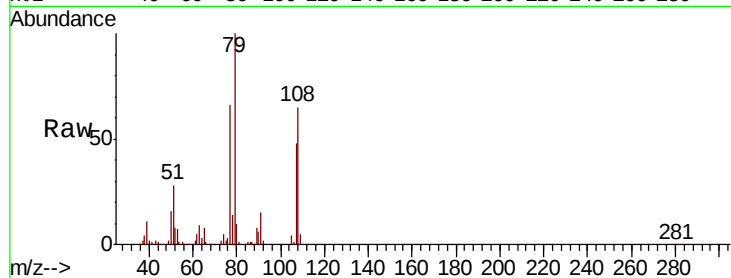
Tgt Ion: 79 Resp: 177171

Ion Ratio Lower Upper

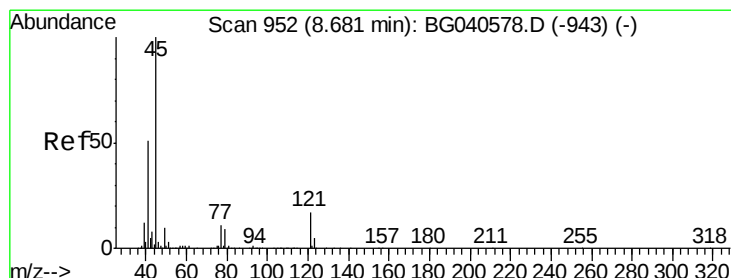
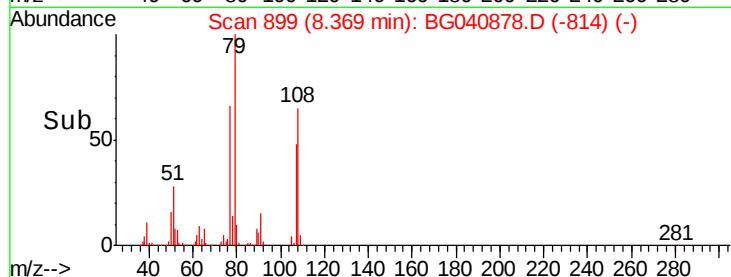
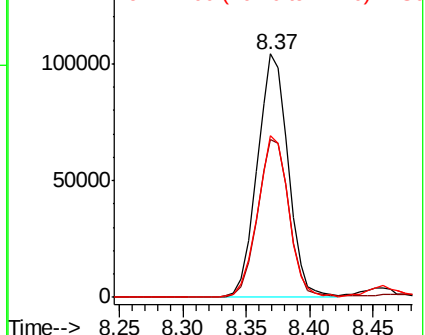
79 100

108 64.8 51.4 77.0

77 66.4 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: 29.171 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

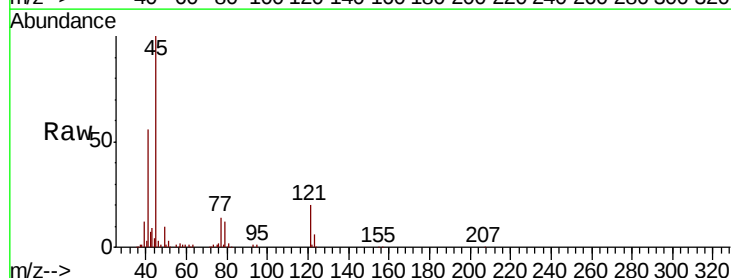
Tgt Ion: 45 Resp: 224869

Ion Ratio Lower Upper

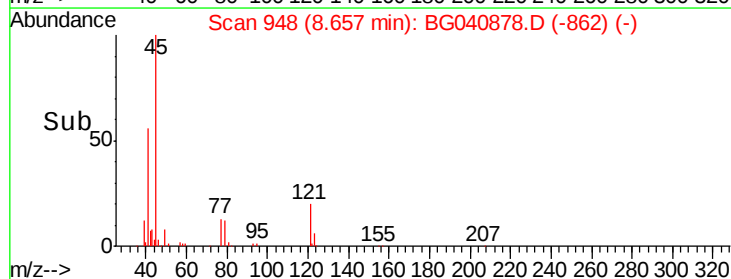
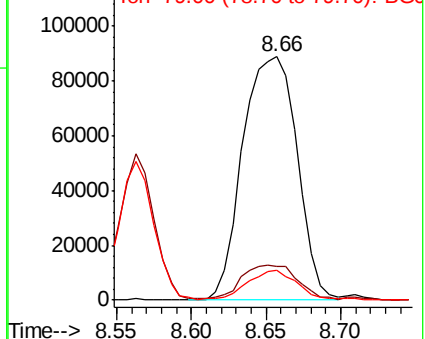
45 100

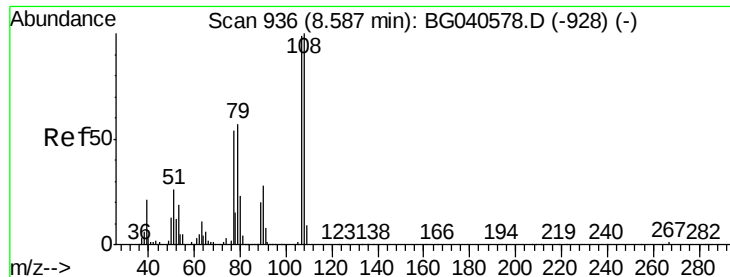
77 13.7 0.0 31.5

79 12.3 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

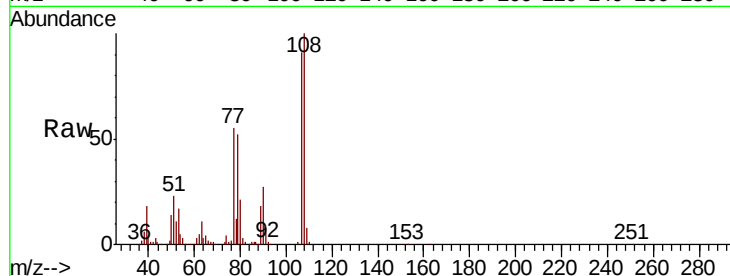




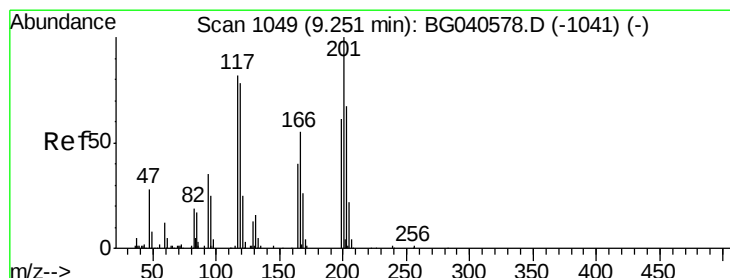
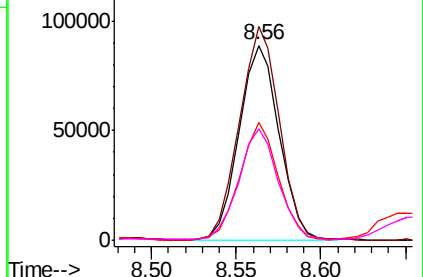
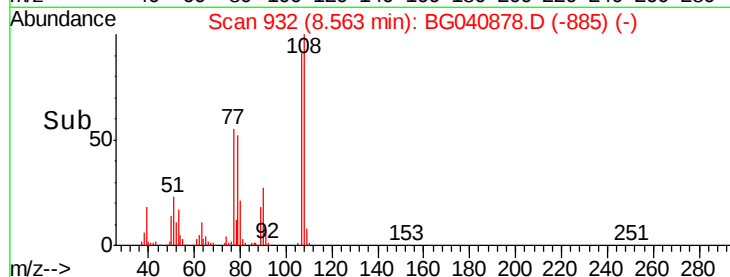
#17
2-Methylphenol
Concen: 39.854 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion:	107	Resp:	145630
Ion	Ratio	Lower	Upper
107	100		
108	109.7	81.2	121.8
77	60.2	44.4	66.6
79	57.0	47.0	70.4

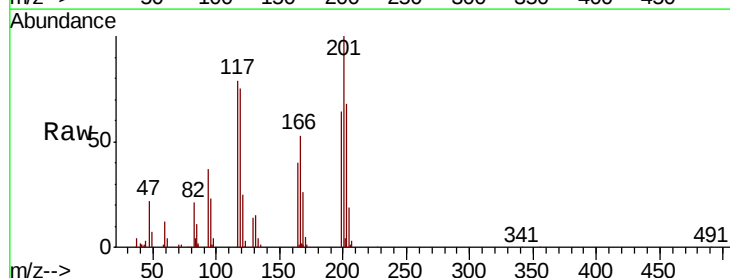


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

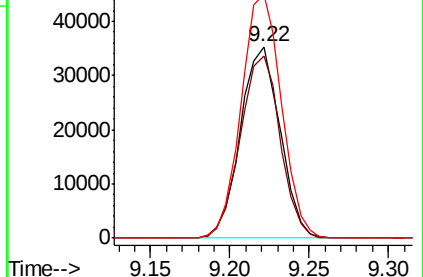
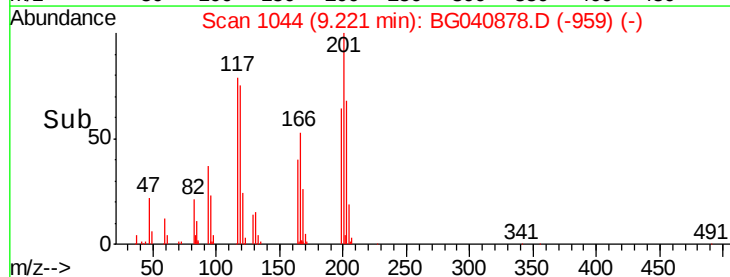


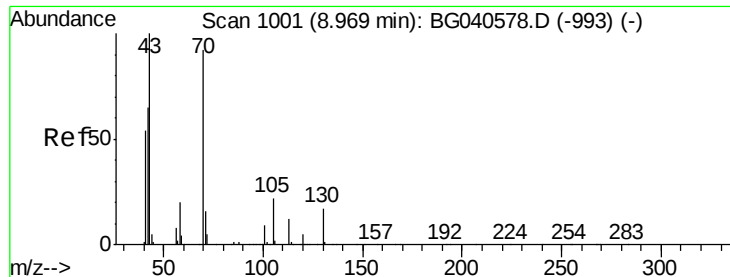
#18
Hexachloroethane
Concen: 35.655 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:	117	Resp:	61646
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	114.8
201	127.0	101.0	151.6



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

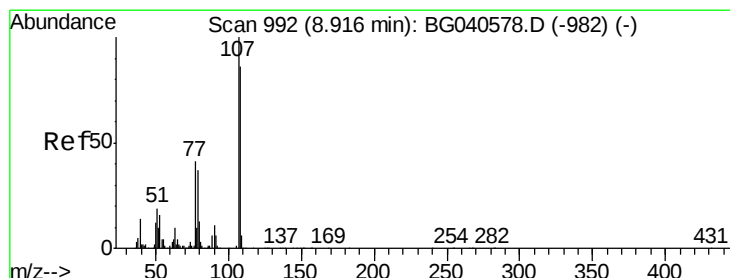
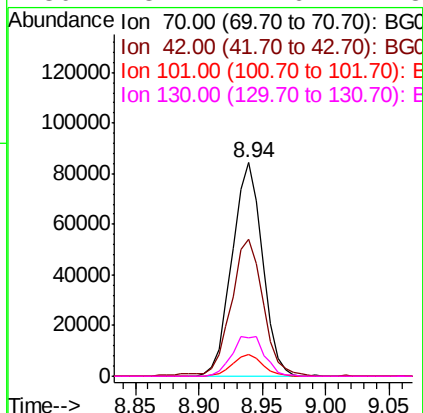
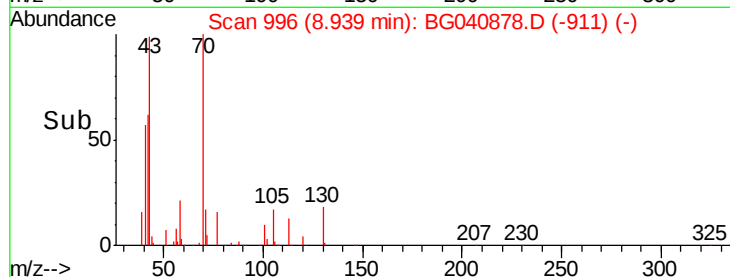
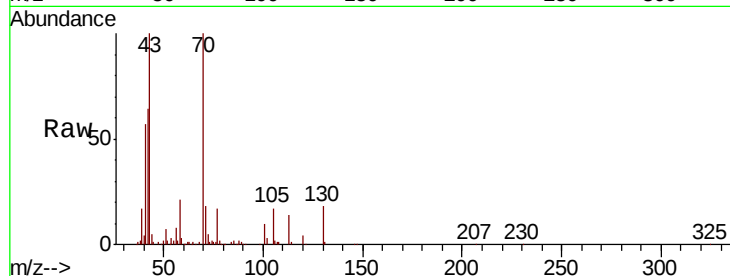




#19
n-Nitroso-di-n-propylamine
Concen: 32.342 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

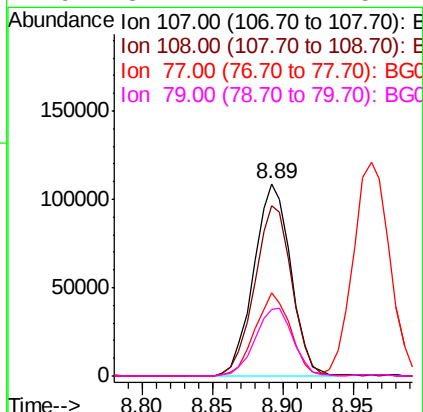
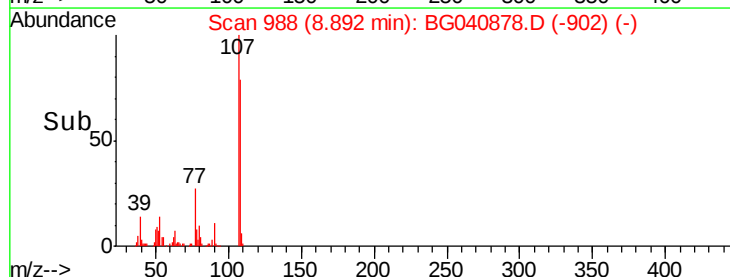
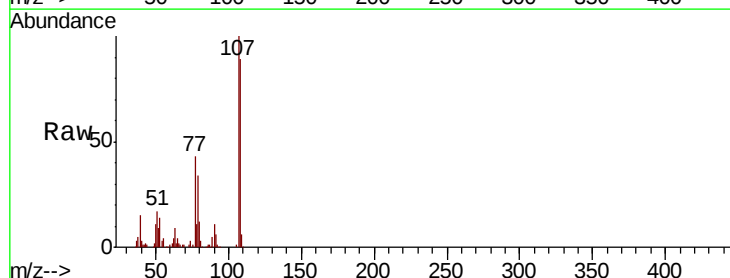
Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion:	70	Resp:	139842
Ion	Ratio	Lower	Upper
70	100		
42	63.9	57.1	85.7
101	10.2	7.8	11.8
130	18.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 39.402 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:	107	Resp:	200569
Ion	Ratio	Lower	Upper
107	100		
108	88.5	66.1	106.1
77	43.4	21.6	61.6
79	34.4	17.4	57.4

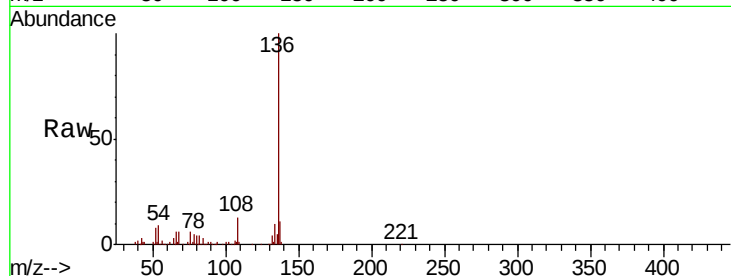




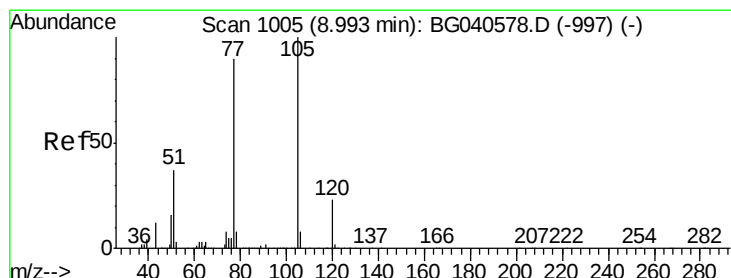
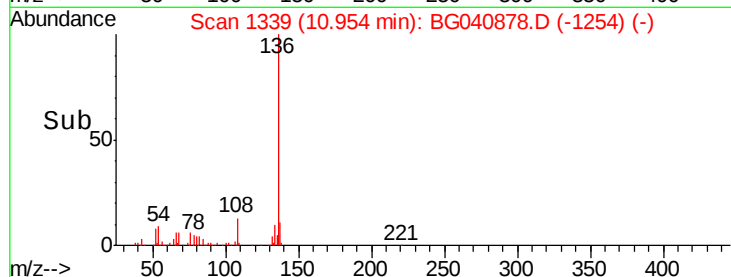
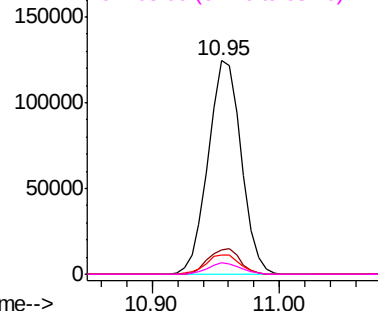
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion:	136	Resp:	224865
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.7	14.5
54	8.9	8.6	12.8
68	5.6	4.8	7.2

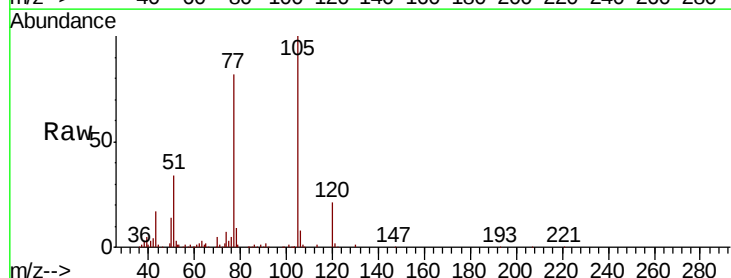


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

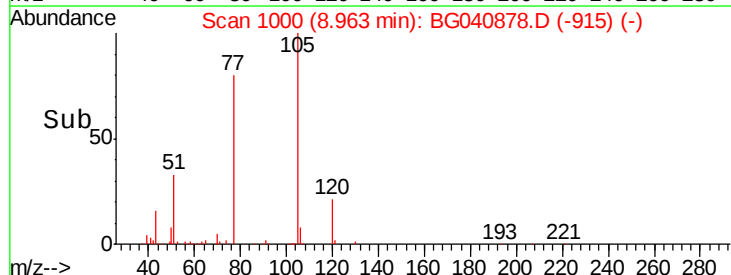
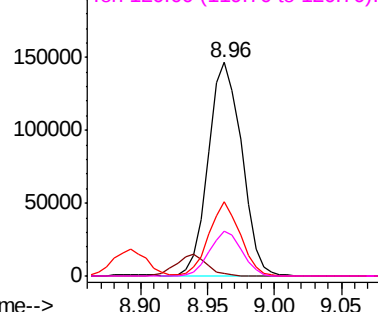


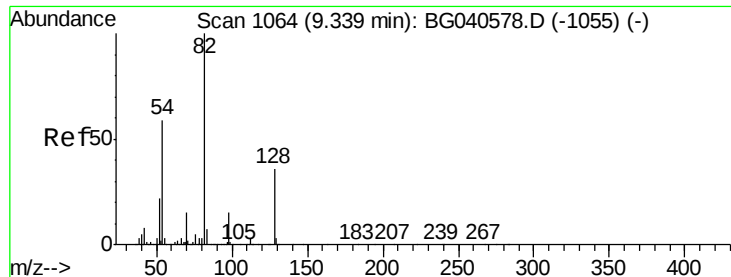
#22
Acetophenone
Concen: 40.757 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:	105	Resp:	254850
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.8	2.8#
51	34.5	29.8	44.8
120	20.8	18.4	27.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.767 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

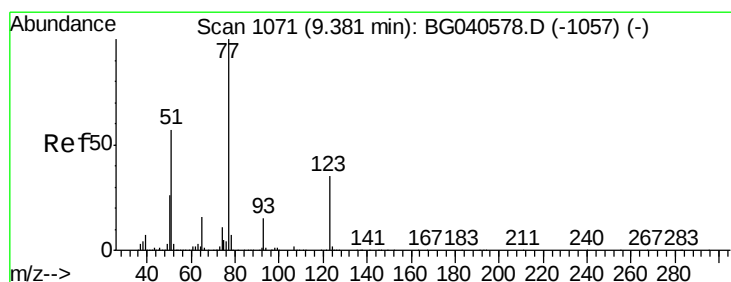
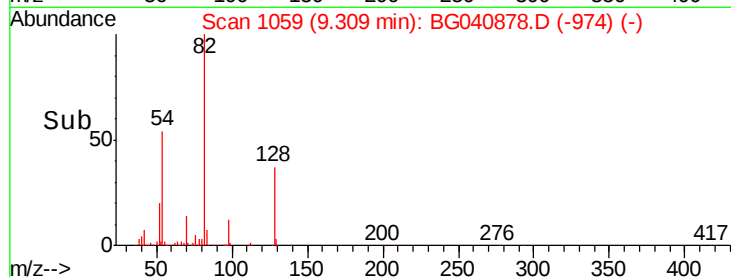
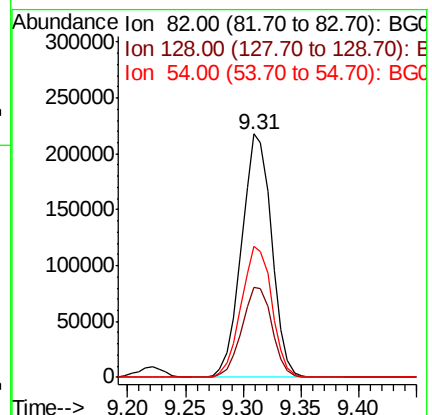
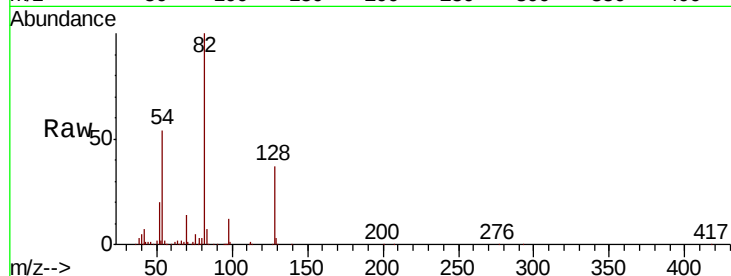
Tgt Ion: 82 Resp: 393056

Ion Ratio Lower Upper

82 100

128 37.0 28.9 43.3

54 54.0 47.2 70.8



#24

Nitrobenzene

Concen: 39.831 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

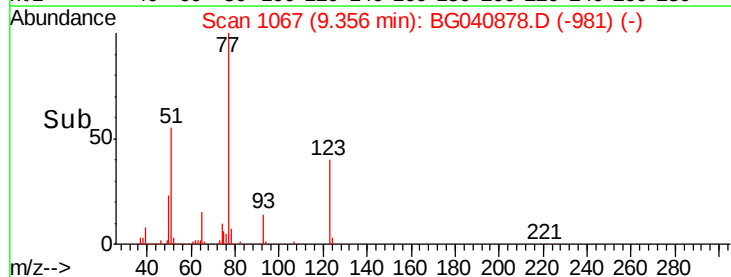
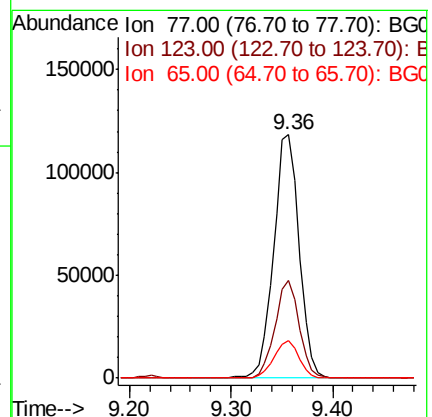
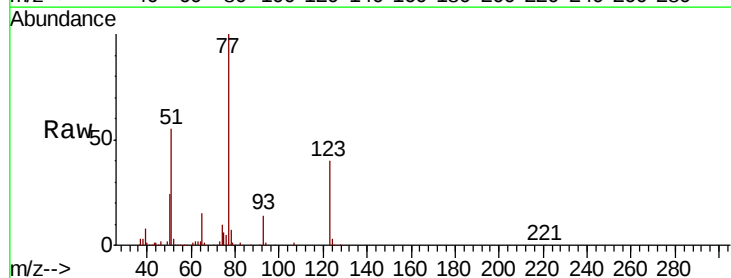
Tgt Ion: 77 Resp: 206814

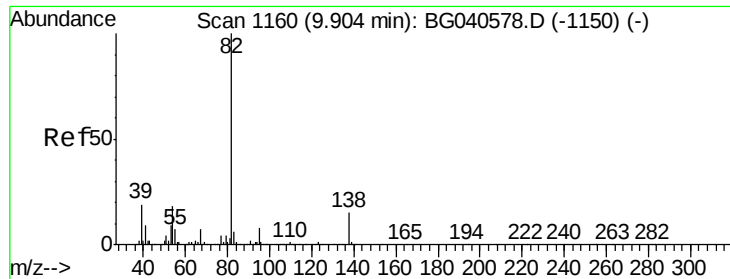
Ion Ratio Lower Upper

77 100

123 39.9 27.8 41.6

65 15.2 12.4 18.6





#25

Isophorone

Concen: 37.078 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

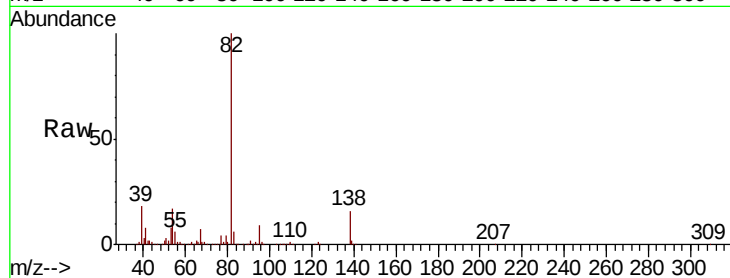
Tgt Ion: 82 Resp: 401939

Ion Ratio Lower Upper

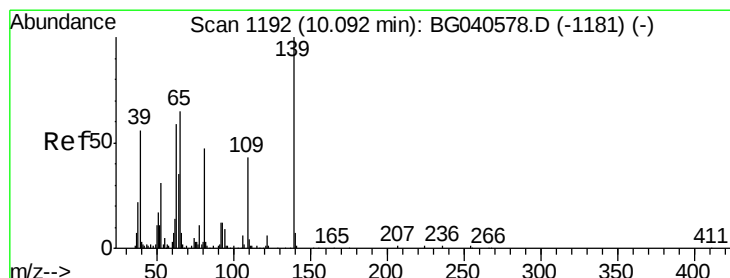
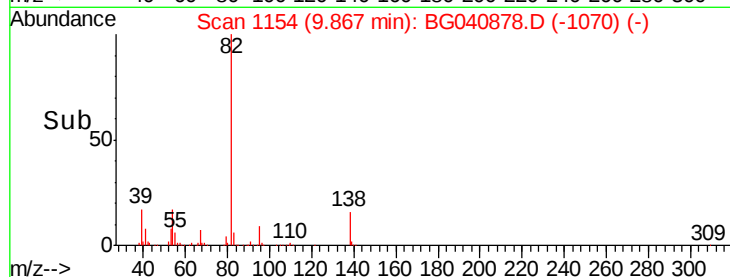
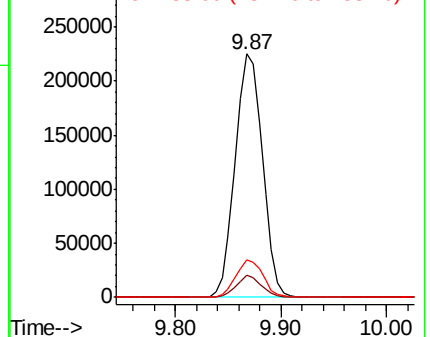
82 100

95 9.1 6.9 10.3

138 15.7 12.3 18.5



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



#26

2-Nitrophenol

Concen: 49.630 ng

RT: 10.06 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

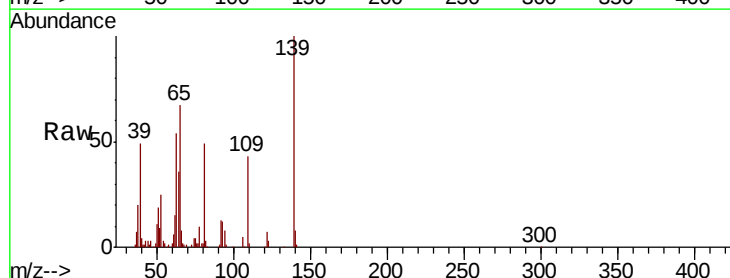
Tgt Ion: 139 Resp: 92373

Ion Ratio Lower Upper

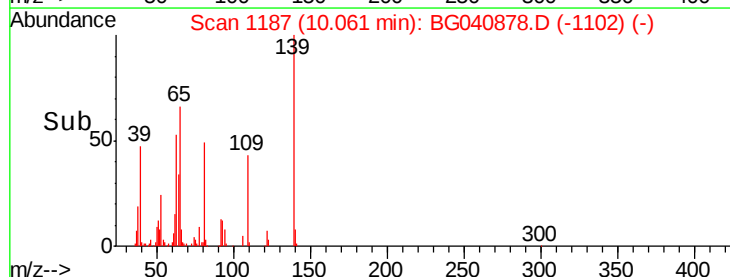
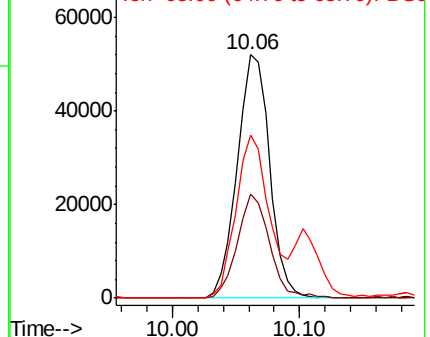
139 100

109 42.7 35.6 53.4

65 67.0 52.3 78.5



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

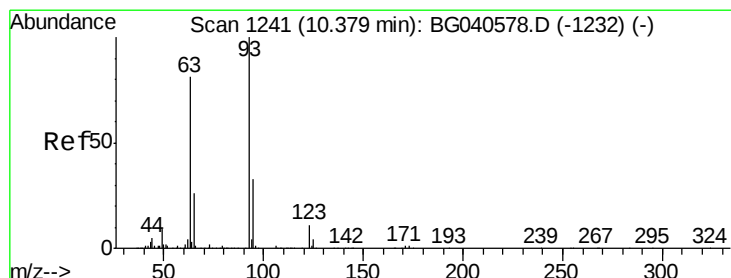
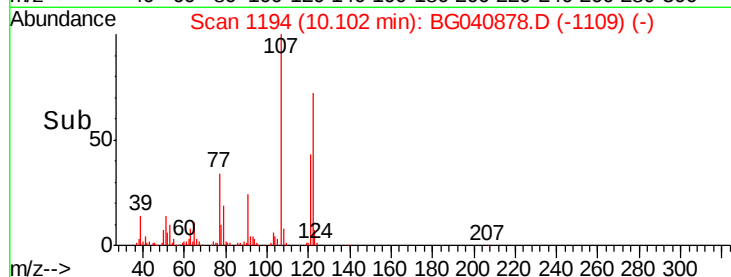
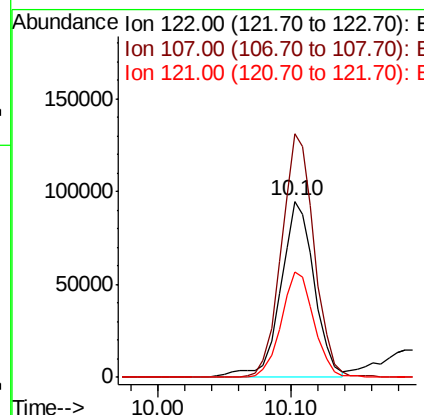
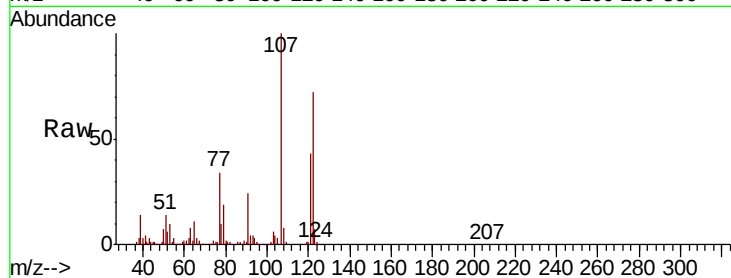




#27
 2,4-Dimethylphenol
 Concen: 47.399 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

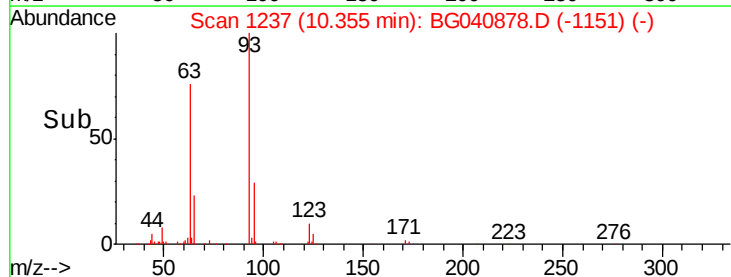
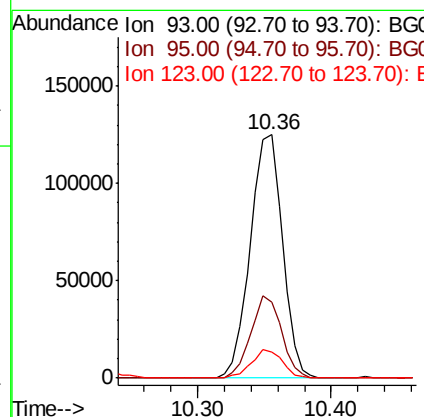
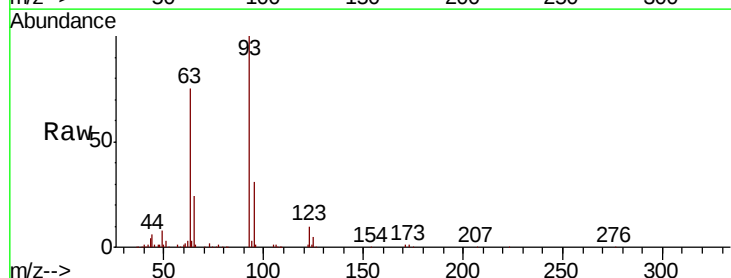
Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.2	110.1	165.1
121	59.7	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.238 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.6	40.0
123	10.5	9.0	13.4

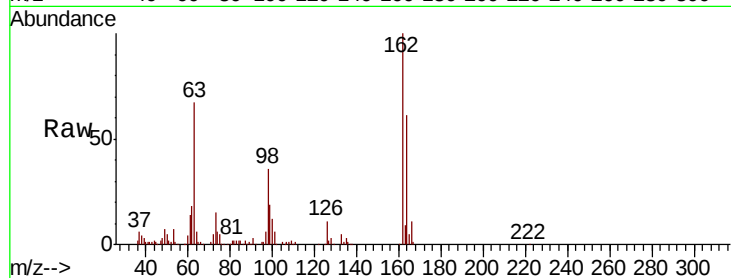




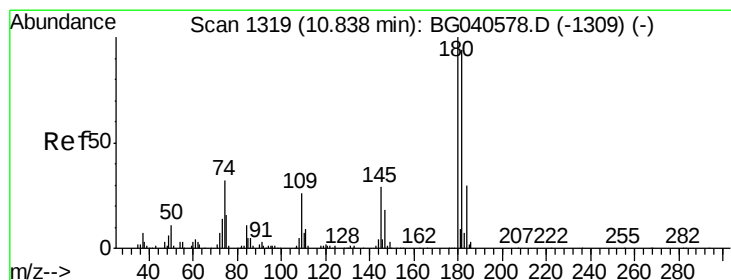
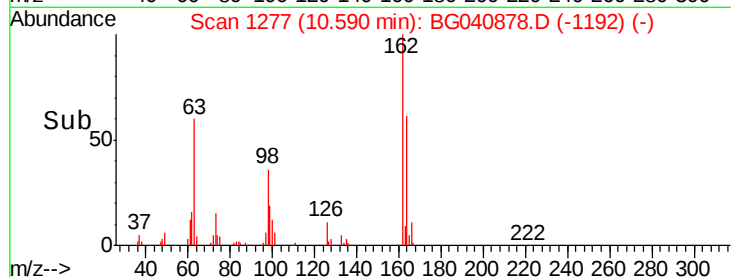
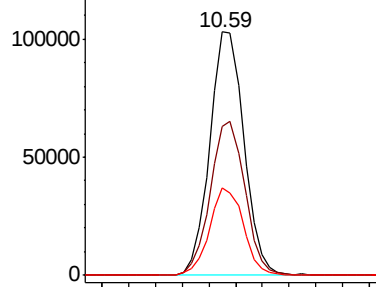
#29
2,4-Dichlorophenol
Concen: 45.943 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion:	162	Resp:	182399
Ion	Ratio	Lower	Upper
162	100		
164	61.0	38.9	78.9
98	35.9	16.8	56.8

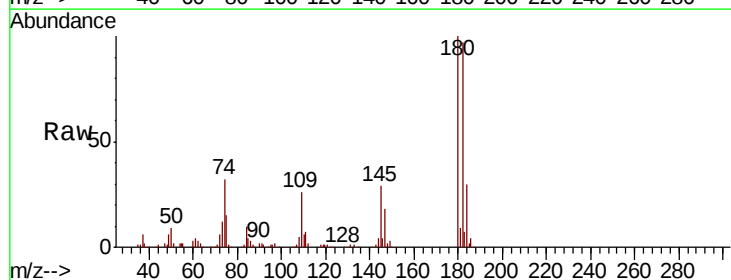


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

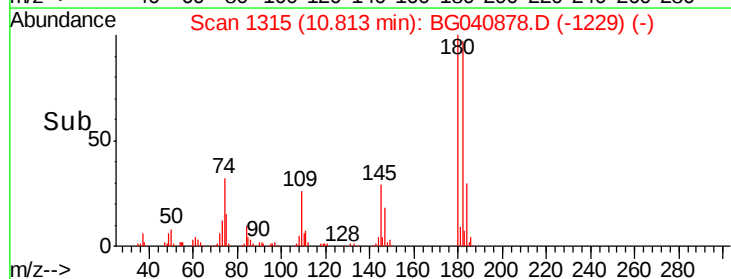
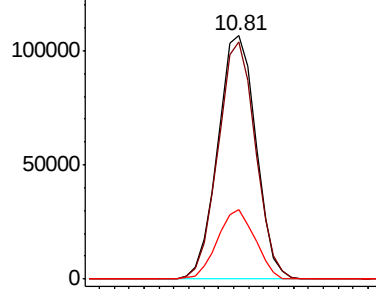


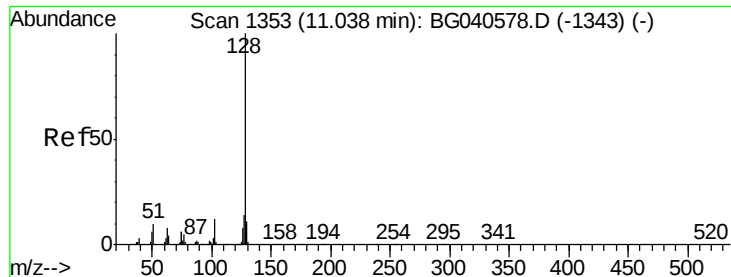
#30
1,2,4-Trichlorobenzene
Concen: 42.649 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:	180	Resp:	187771
Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.2	112.8
145	28.6	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

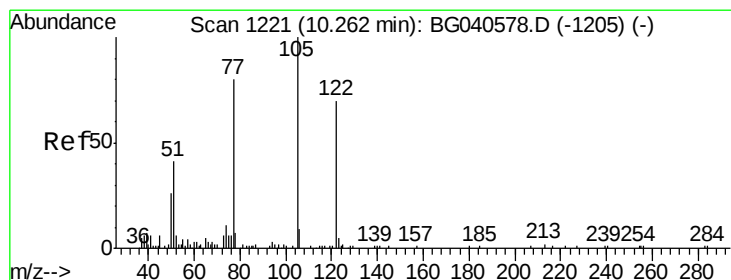
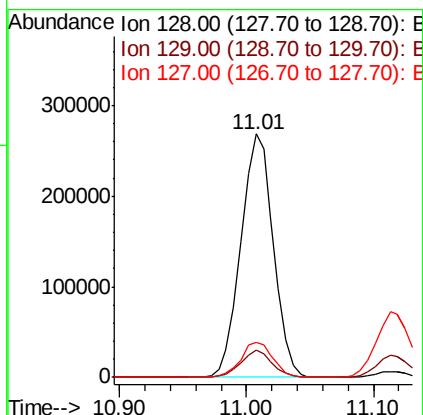
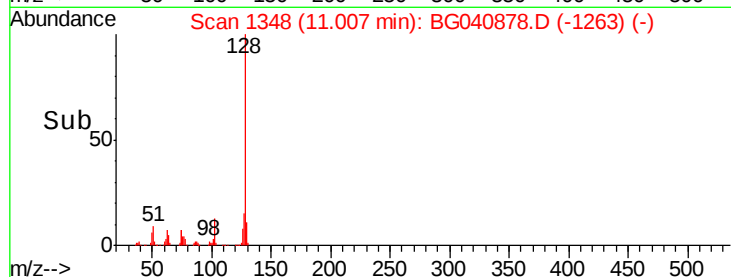
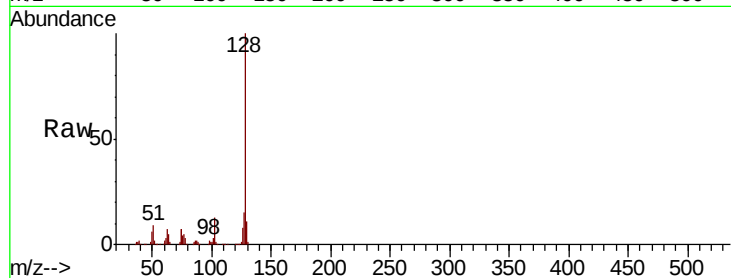




#31
Naphthalene
Concen: 39.804 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

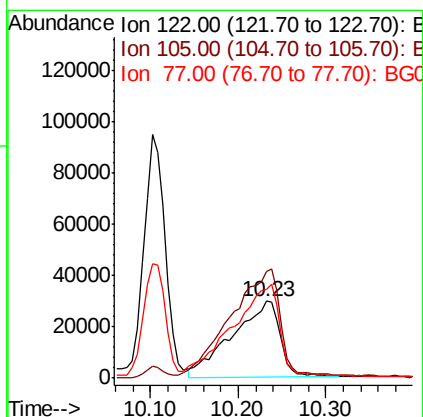
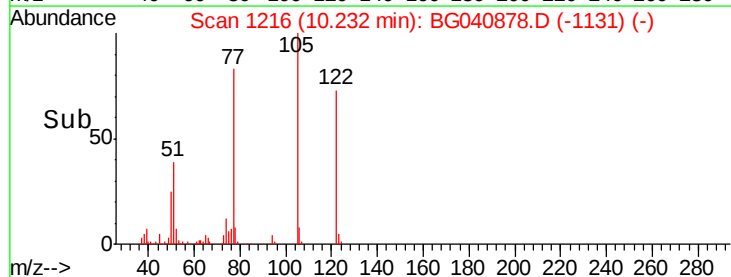
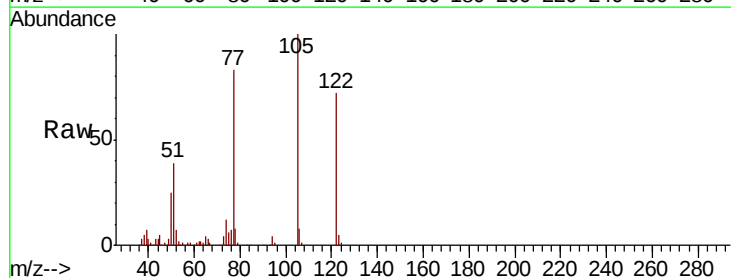
Instrument :
BNA_G
ClientSampleId :
PB119607BS

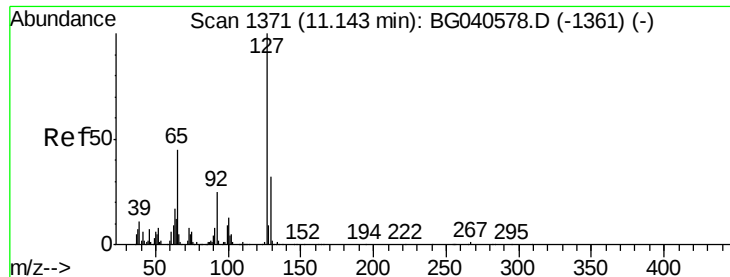
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.6	11.3	16.9



#32
Benzoic acid
Concen: 46.385 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.2	110.9	150.9
77	114.8	87.6	127.6

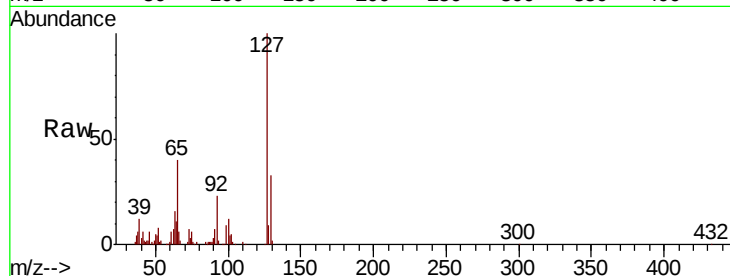




#33
4-Chloroaniline
Concen: 25.705 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion:	127	Resp:	136151
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.7	38.5
65	40.2	36.1	54.1
92	22.5	20.1	30.1



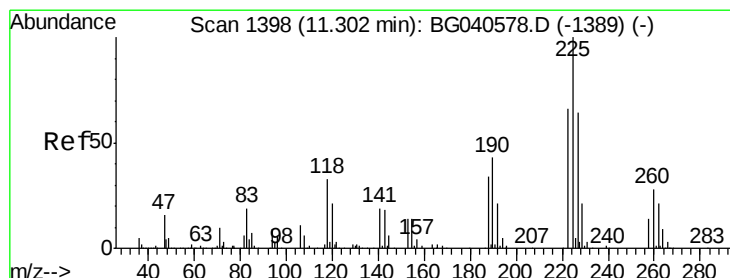
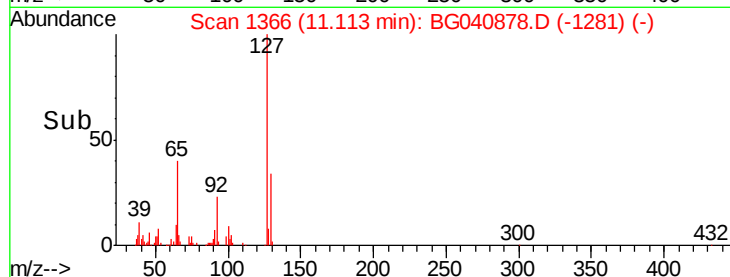
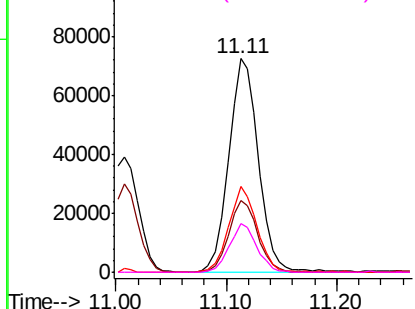
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

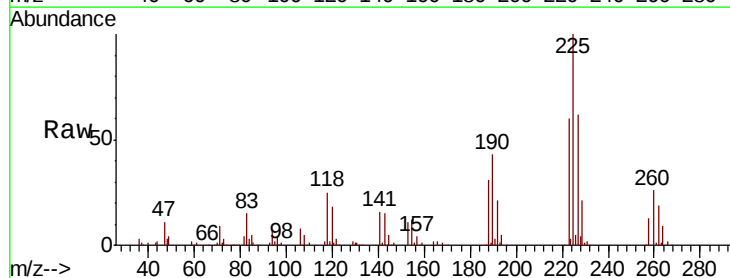
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.994 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:	225	Resp:	139746
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.4	75.6
227	62.2	51.0	76.6

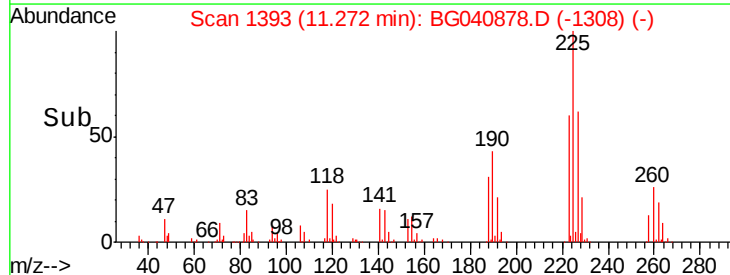
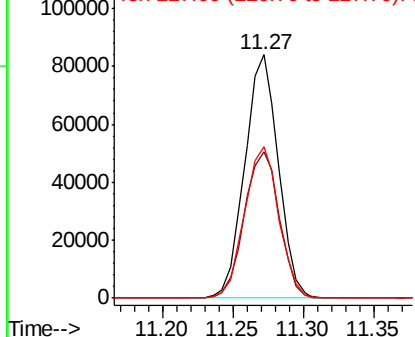


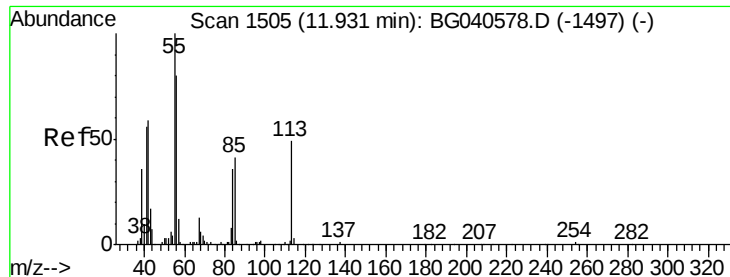
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.234 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

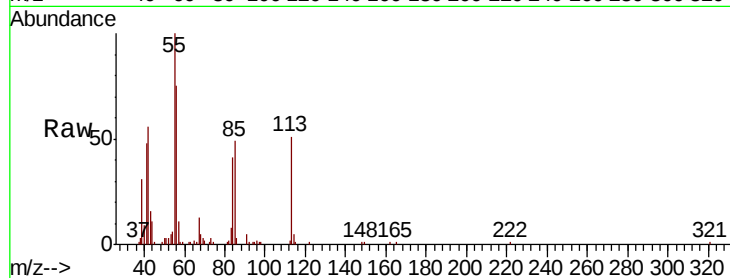
Tgt Ion:113 Resp: 31715

Ion Ratio Lower Upper

113 100

55 196.5 198.6 238.6#

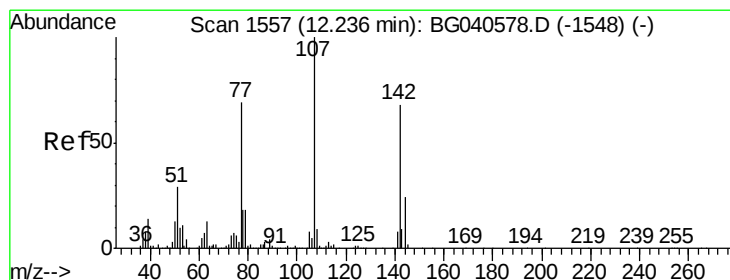
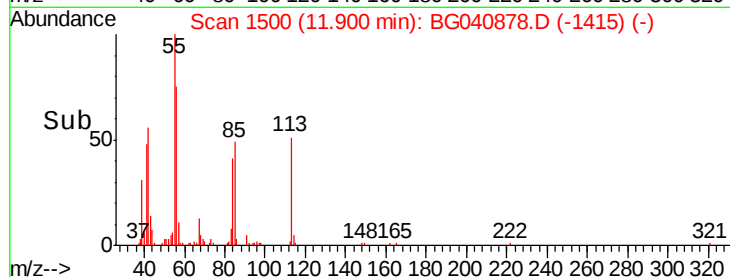
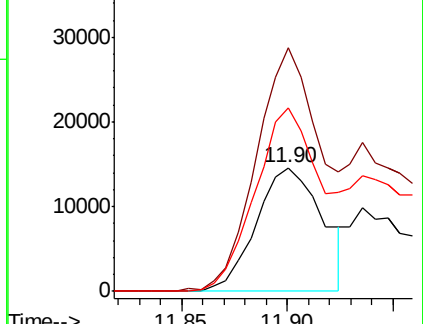
56 148.3 148.4 188.4#



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: 41.630 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

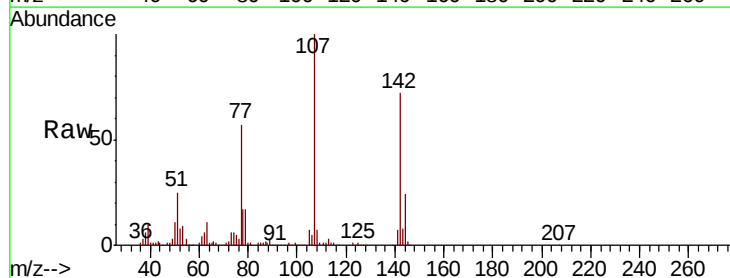
Tgt Ion:107 Resp: 208499

Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

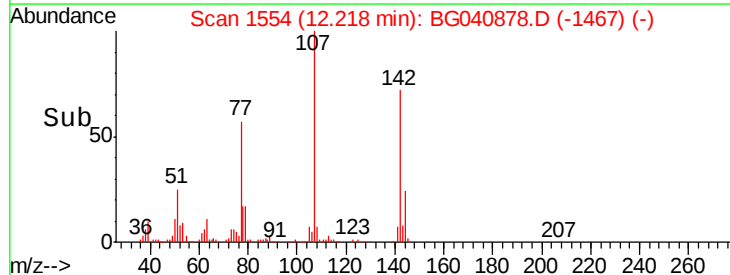
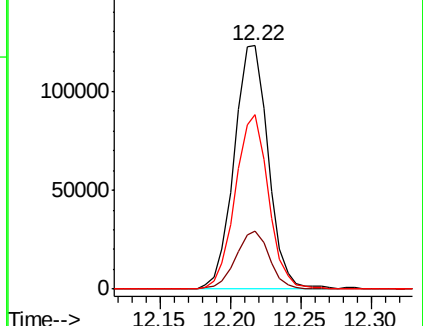
142 71.6 54.6 81.8

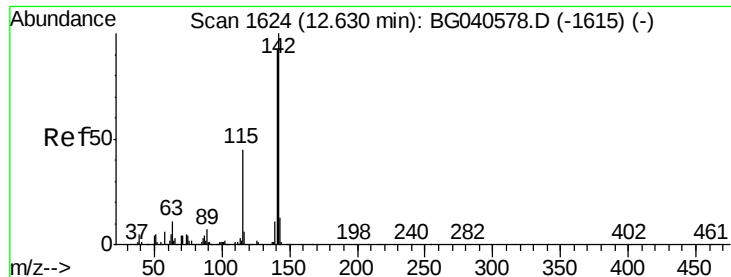


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

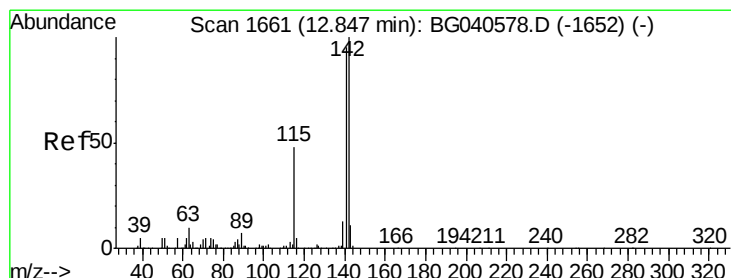
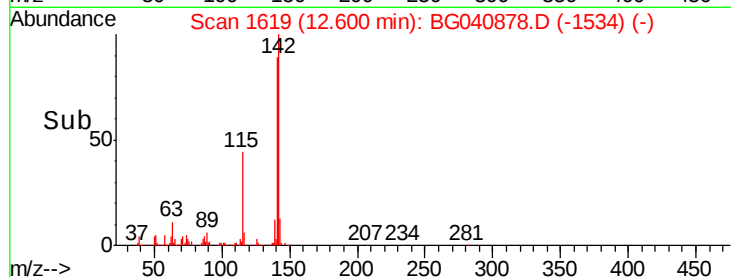
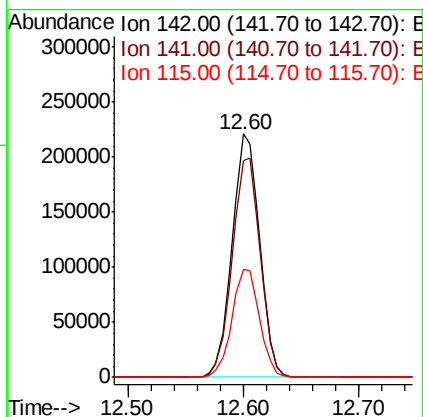
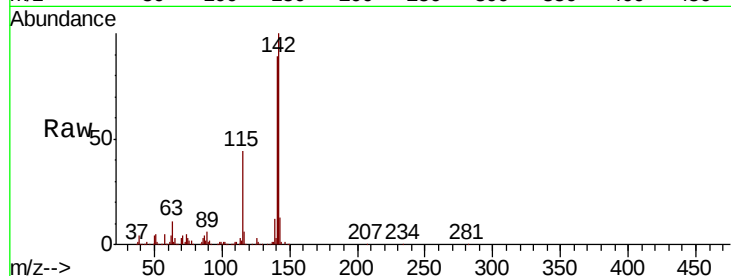




#37
2-Methylnaphthalene
Concen: 40.777 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

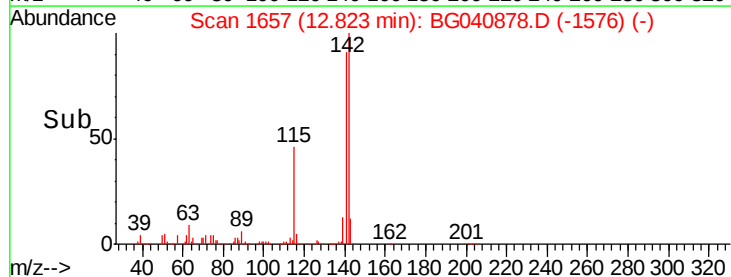
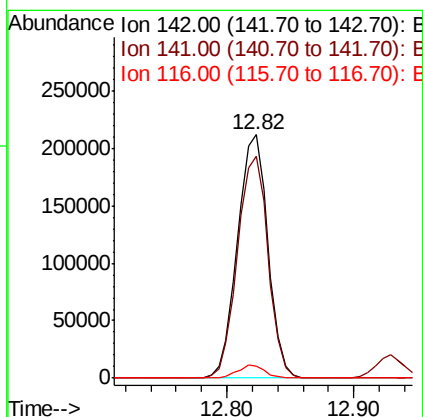
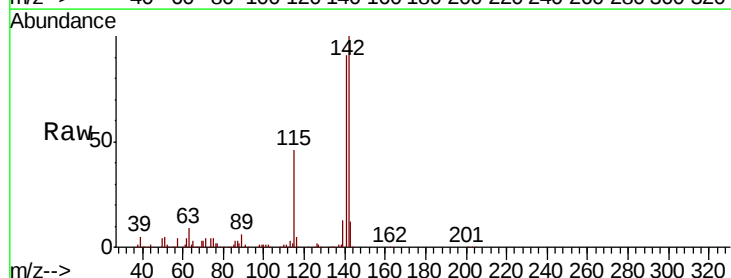
Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.4	110.2
115	44.1	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.275 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.9	113.9
116	4.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

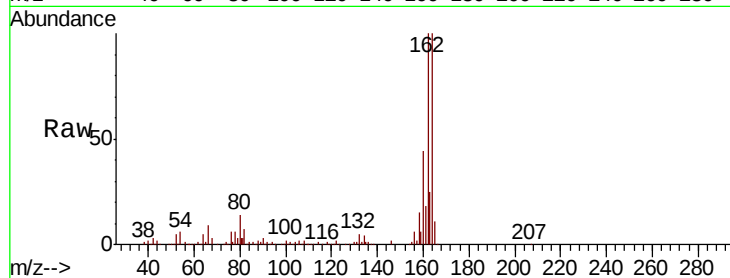
Tgt Ion:164 Resp: 170509

Ion Ratio Lower Upper

164 100

162 100.3 81.9 122.9

160 44.5 35.4 53.2

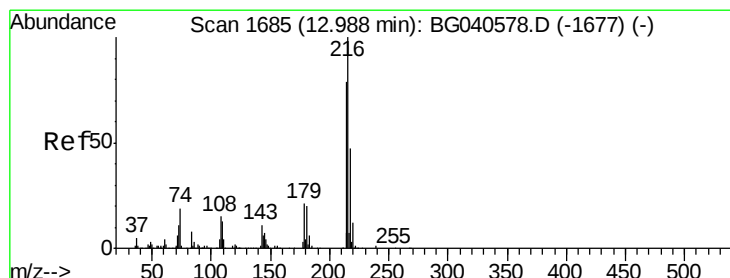
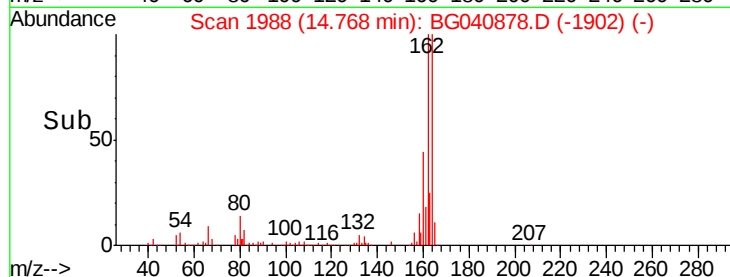
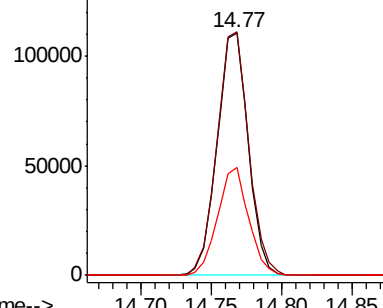


Abundance

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: 40.420 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion:216 Resp: 256742

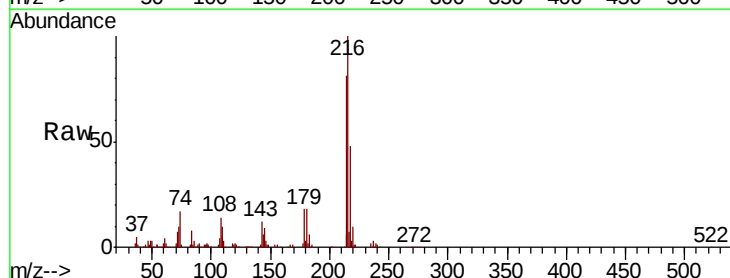
Ion Ratio Lower Upper

216 100

214 80.3 63.7 95.5

179 18.9 16.6 24.8

108 17.3 14.7 22.1



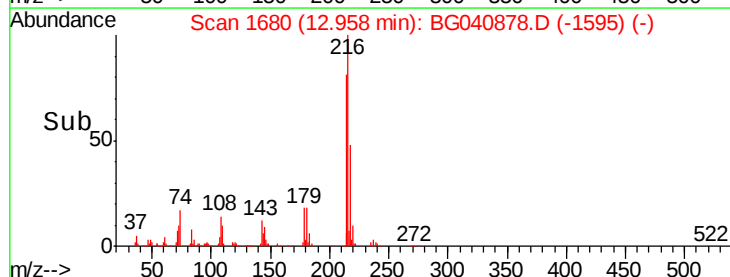
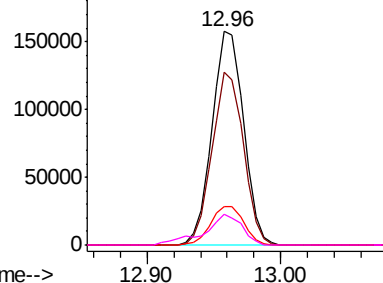
Abundance

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: 86.445 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

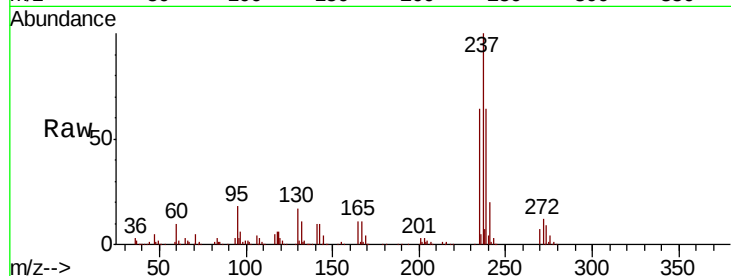
Tgt Ion:237 Resp: 324008

Ion Ratio Lower Upper

237 100

235 63.7 42.5 82.5

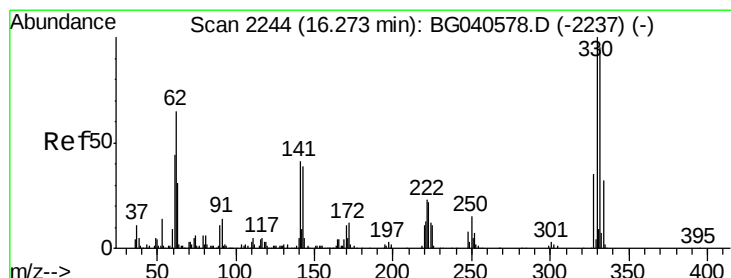
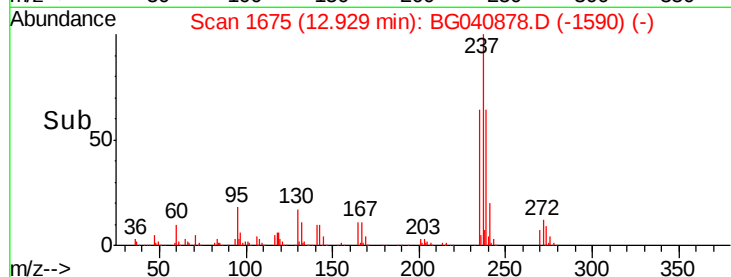
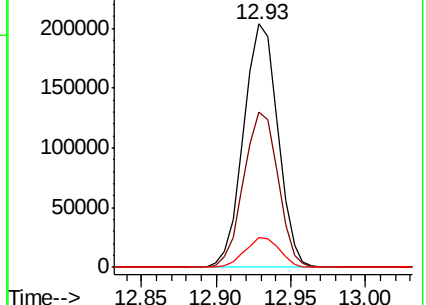
272 12.1 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 154.307 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

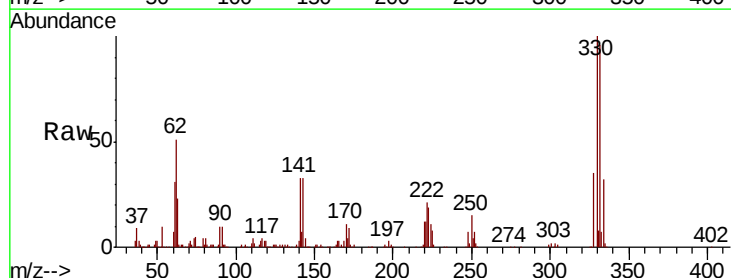
Tgt Ion:330 Resp: 361648

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

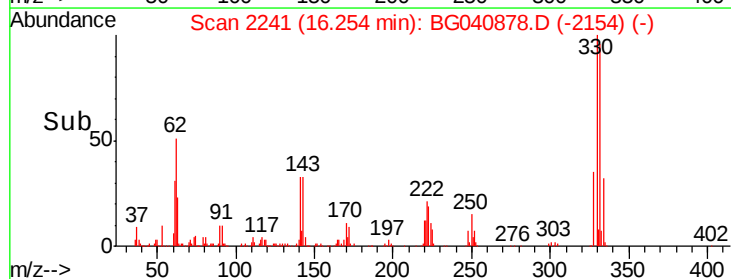
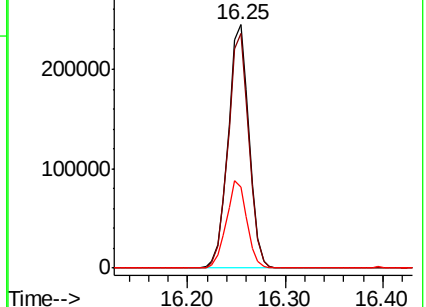
141 35.2 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

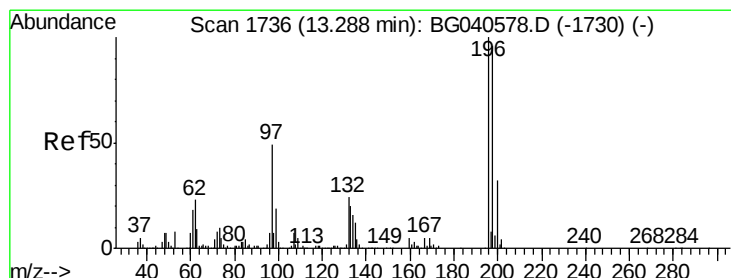
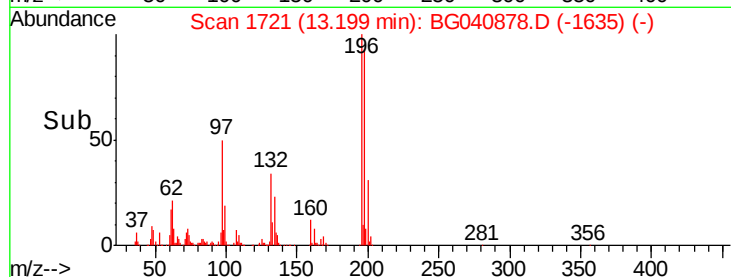
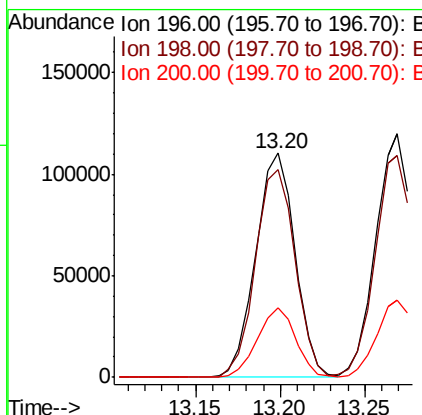
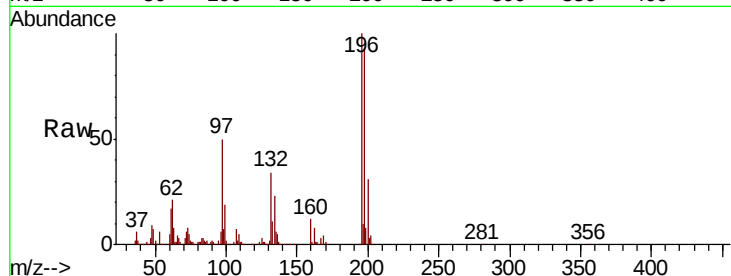




#43
 2,4,6-Trichlorophenol
 Concen: 46.309 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

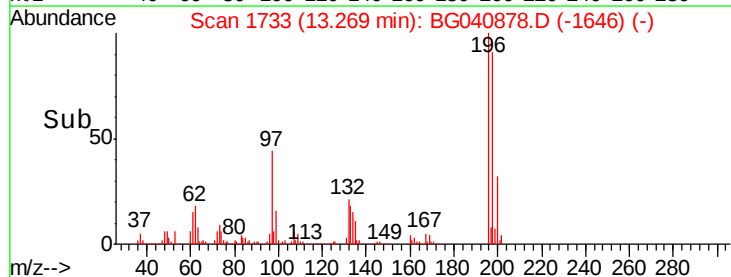
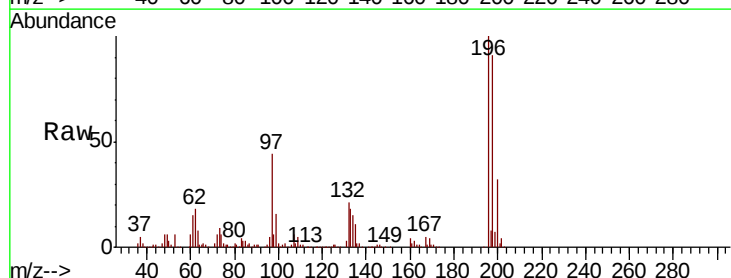
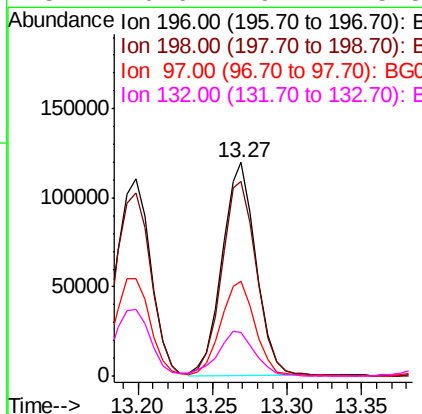
Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

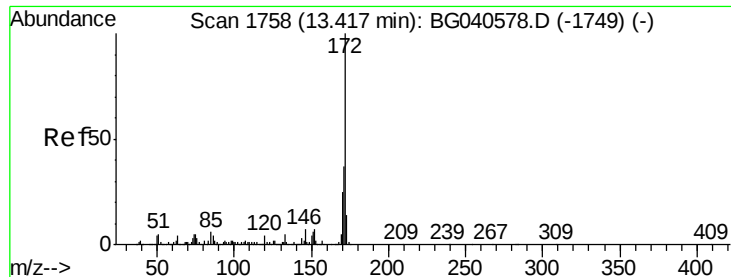
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.8	112.2
200	30.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.307 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.1	77.0	115.6
97	44.3	40.0	60.0
132	20.6	19.2	28.8

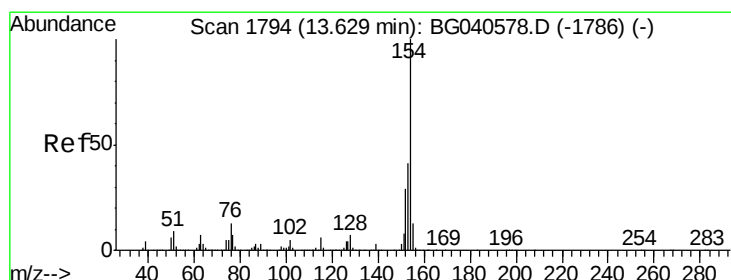
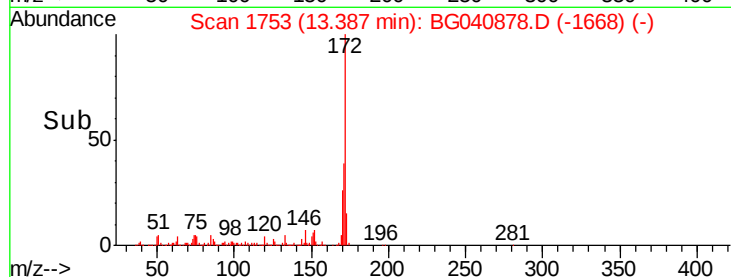
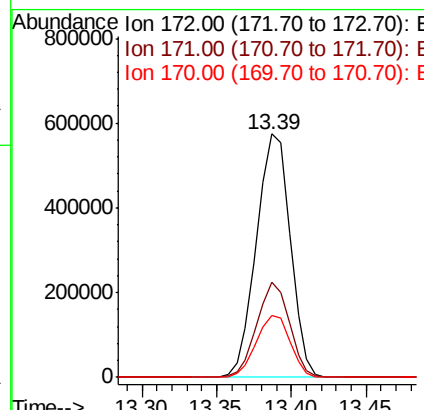
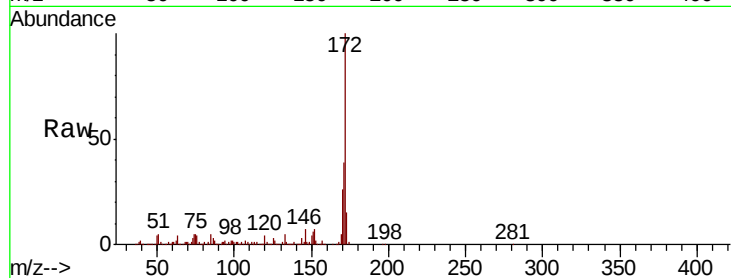




#45
2-Fluorobiphenyl
Concen: 76.275 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

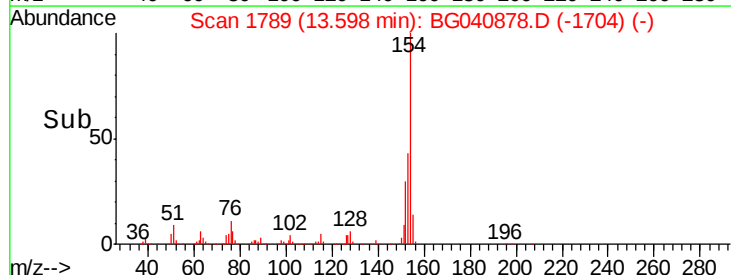
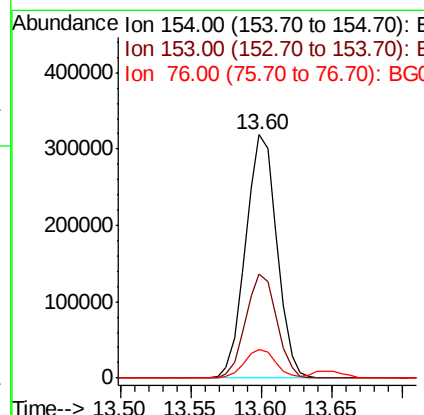
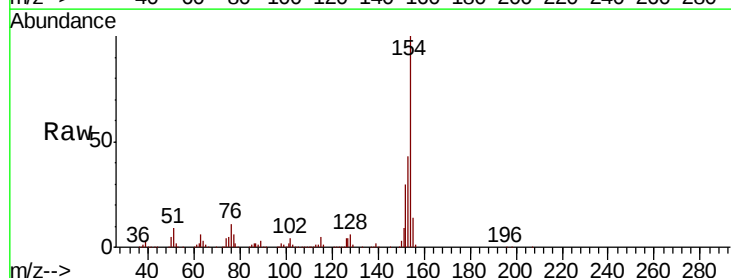
Instrument :
BNA_G
ClientSampleId :
PB119607BS

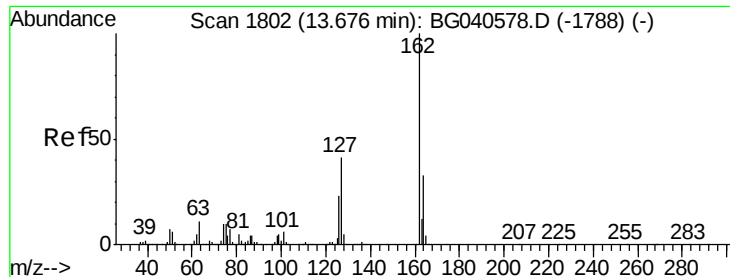
Tgt Ion:	172	Resp:	900537
Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	25.6	19.9	29.9



#46
1,1'-Biphenyl
Concen: 37.326 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:	154	Resp:	494143
Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.5	60.5
76	11.5	0.0	32.5

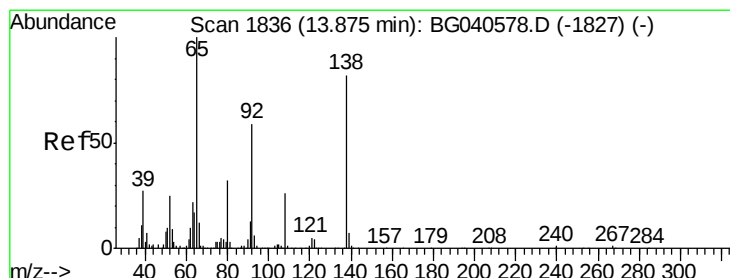
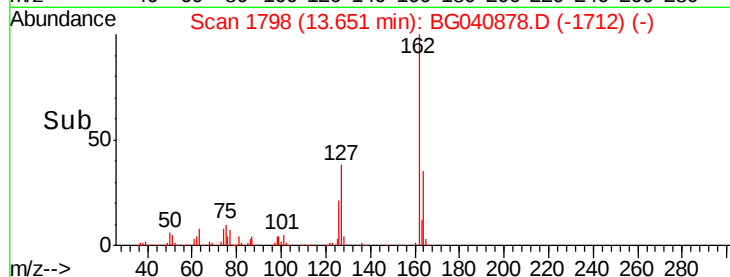
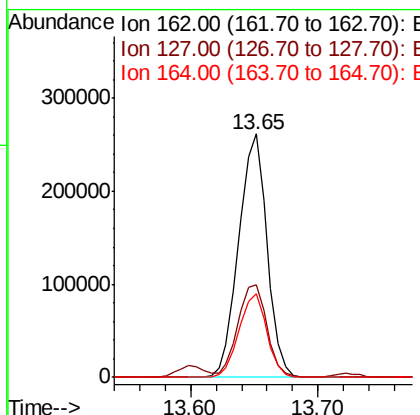
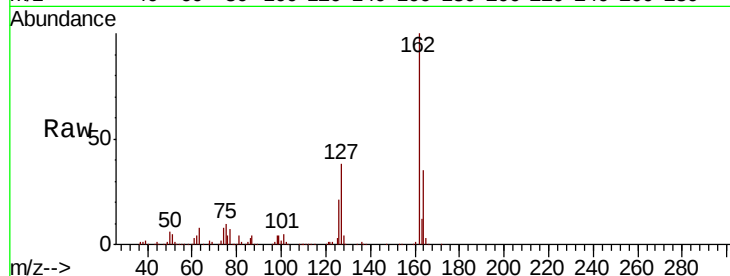




#47
 2-Chloronaphthalene
 Concen: 39.001 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

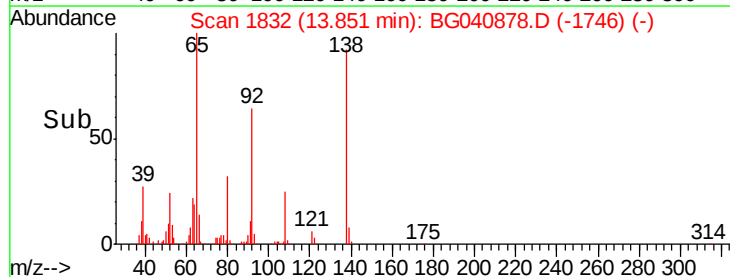
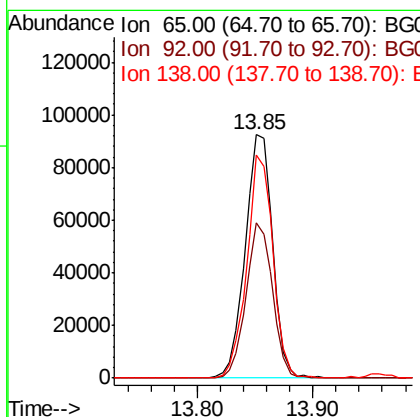
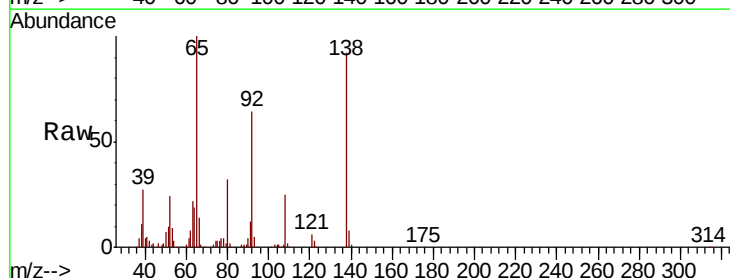
Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

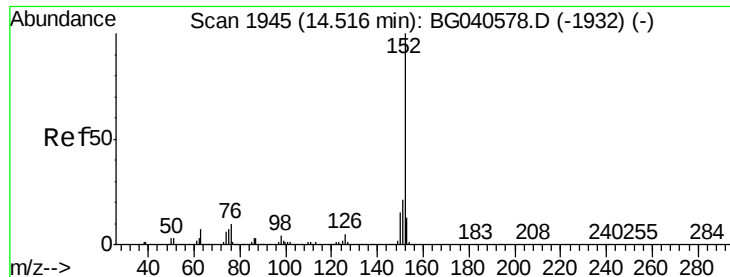
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	33.0	49.4
164	34.6	26.8	40.2



#48
 2-Nitroaniline
 Concen: 41.364 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	47.4	71.0
138	91.8	66.1	99.1





#49

Acenaphthylene

Concen: 36.463 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

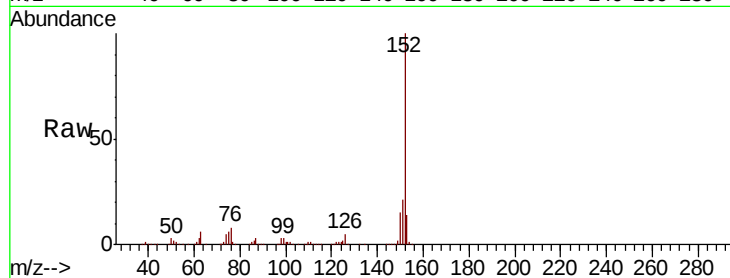
Tgt Ion:152 Resp: 640934

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

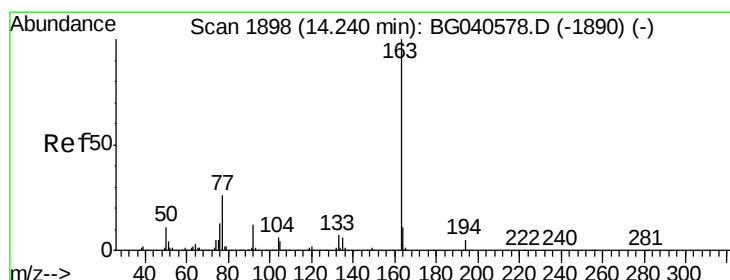
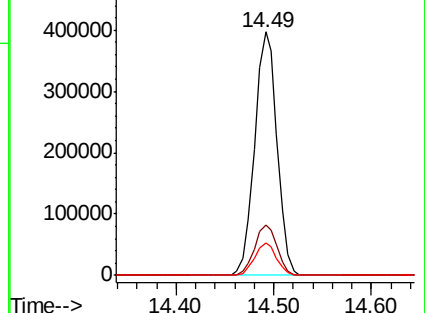
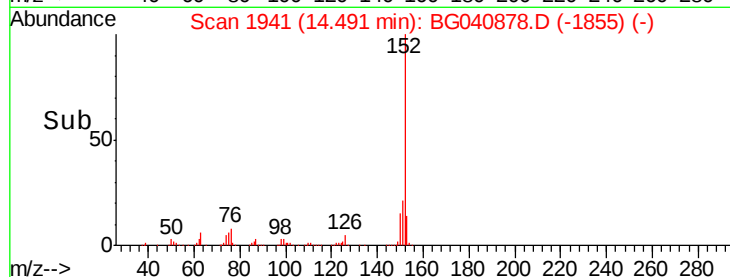
153 13.5 10.7 16.1



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: 39.414 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

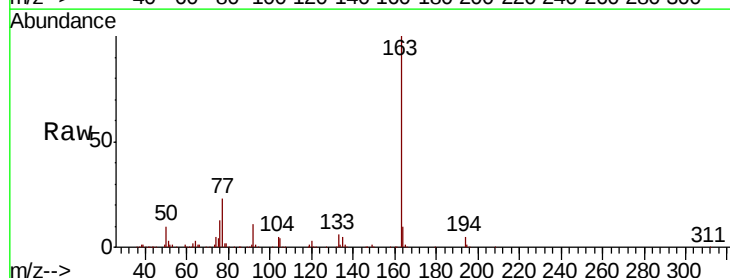
Tgt Ion:163 Resp: 562280

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

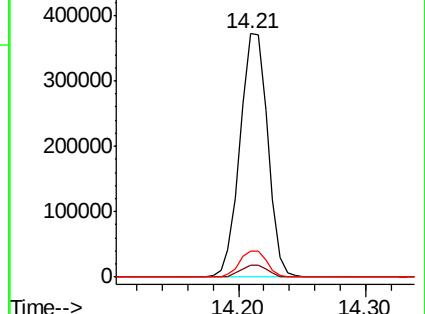
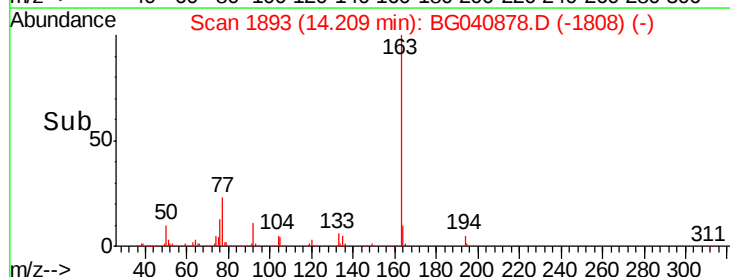
164 10.5 8.8 13.2



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: 44.356 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

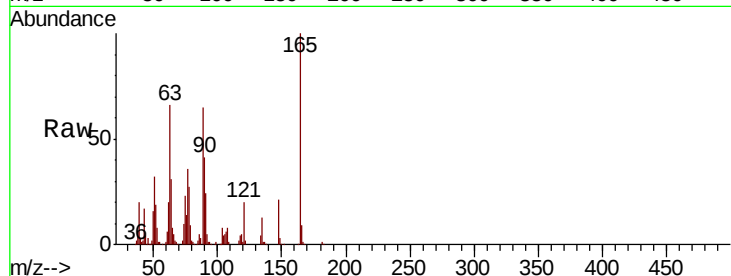
Tgt Ion:165 Resp: 123502

Ion Ratio Lower Upper

165 100

63 66.4 61.0 91.4

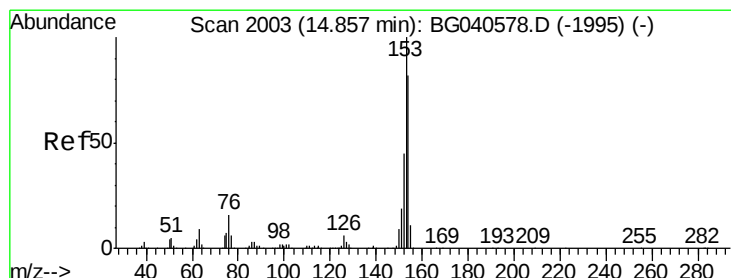
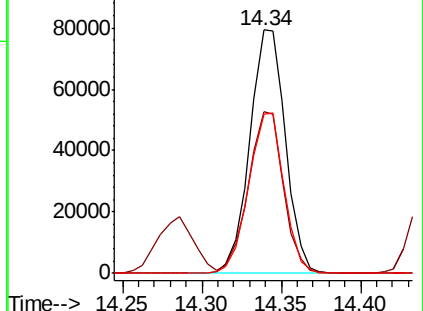
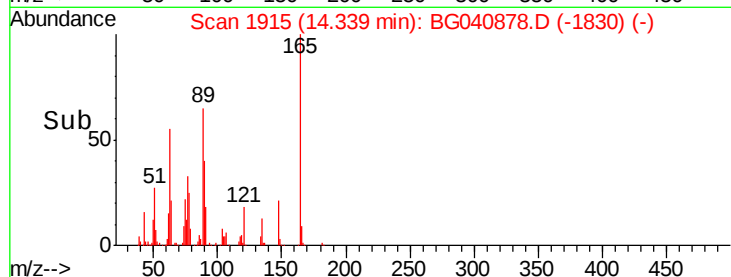
89 65.3 58.6 87.8



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: 36.327 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

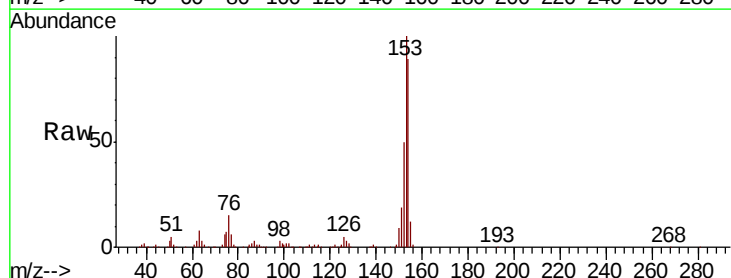
Tgt Ion:154 Resp: 371865

Ion Ratio Lower Upper

154 100

153 112.6 97.0 145.6

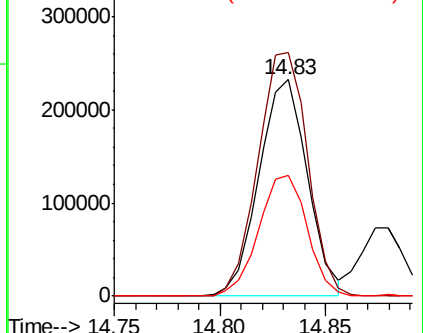
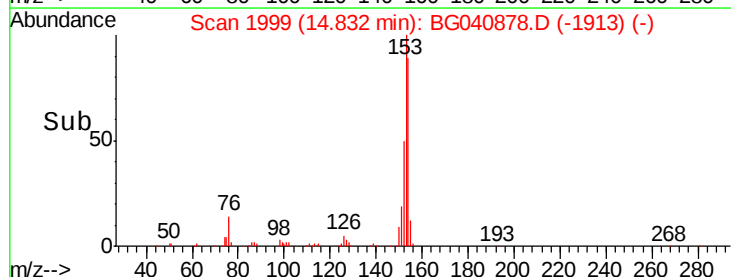
152 56.1 44.1 66.1



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: 31.589 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

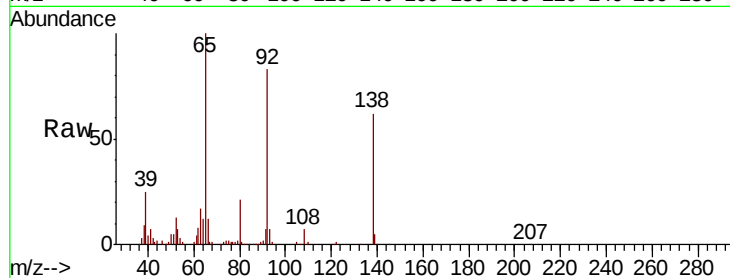
Tgt Ion:138 Resp: 90118

Ion Ratio Lower Upper

138 100

108 11.7 12.4 18.6#

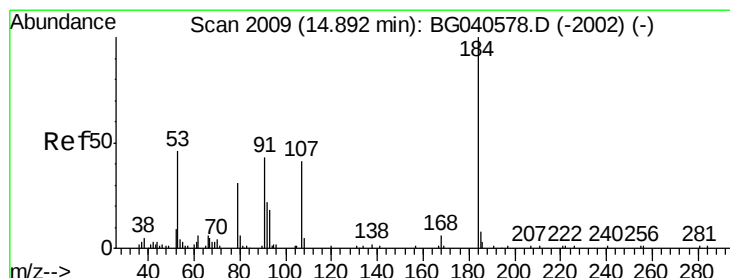
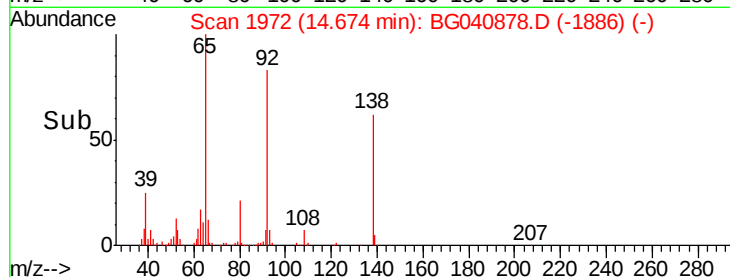
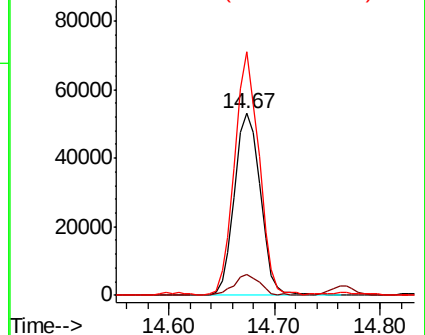
92 134.1 108.6 162.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 108.968 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

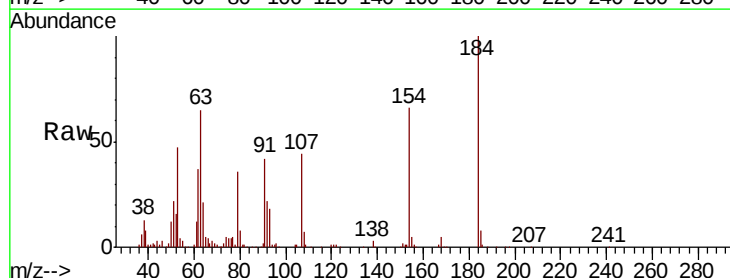
Tgt Ion:184 Resp: 175488

Ion Ratio Lower Upper

184 100

63 65.5 51.8 77.6

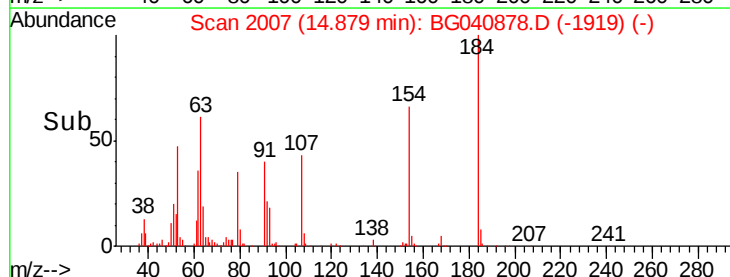
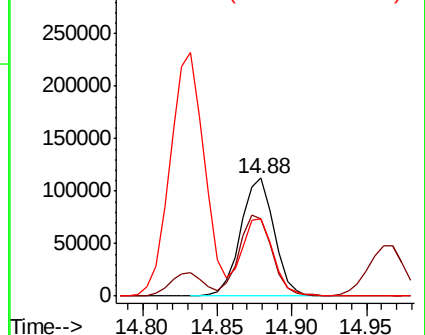
154 65.7 43.6 65.4#

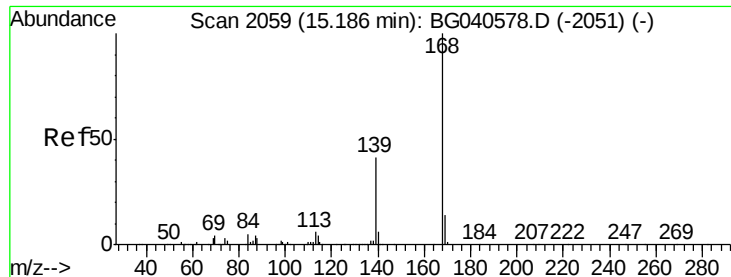


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.735 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

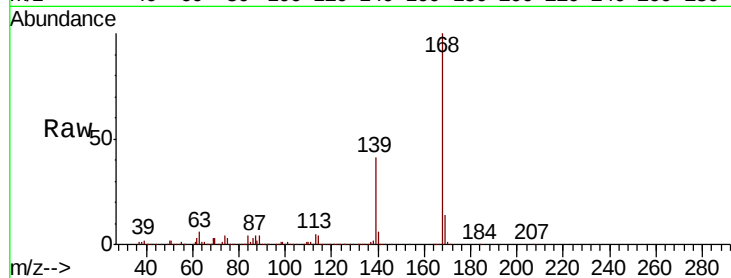
Tgt Ion:168 Resp: 649448

Ion Ratio Lower Upper

168 100

139 40.8 33.0 49.4

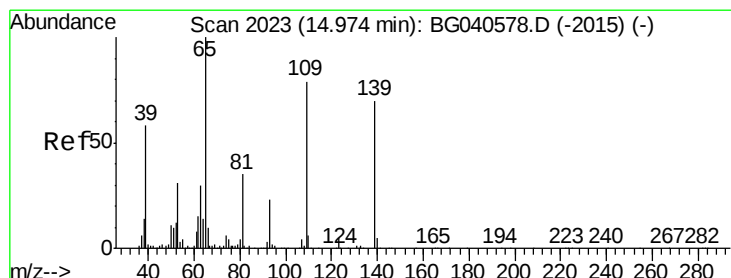
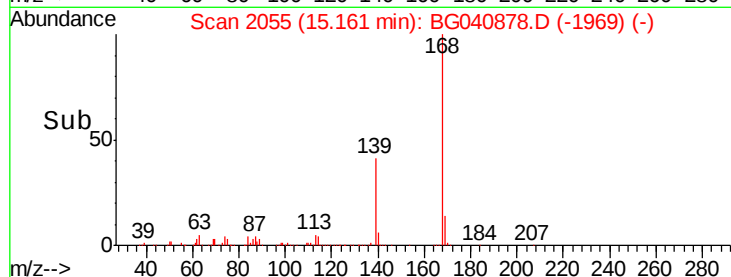
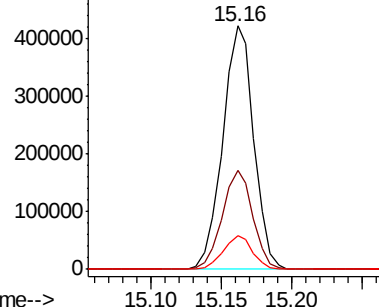
169 13.7 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.023 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

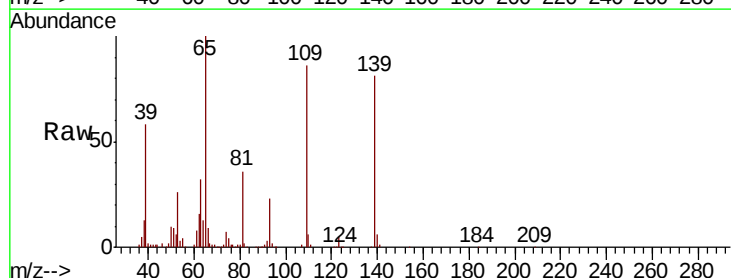
Tgt Ion:139 Resp: 202904

Ion Ratio Lower Upper

139 100

109 106.6 93.8 133.8

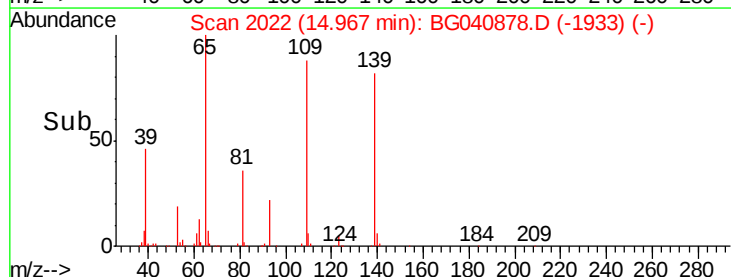
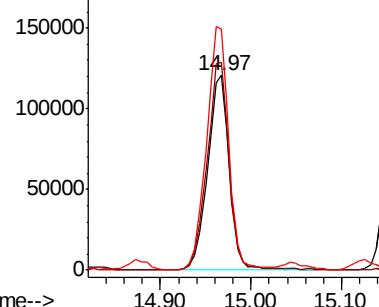
65 123.5 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

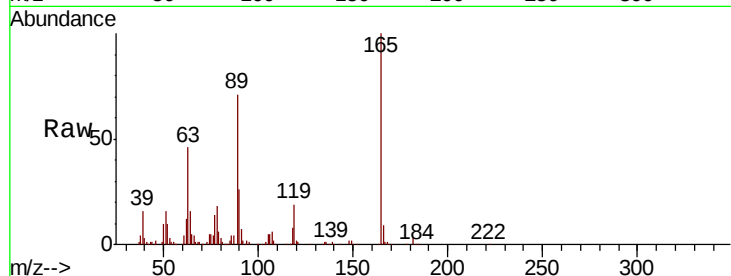




#57
2,4-Dinitrotoluene
Concen: 45.681 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	45.8	68.8
89	71.5	69.4	104.2
182	2.7	2.2	3.4



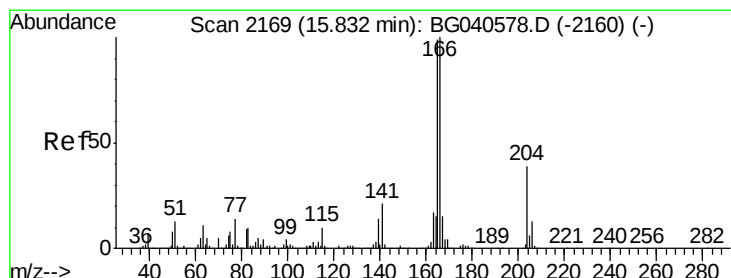
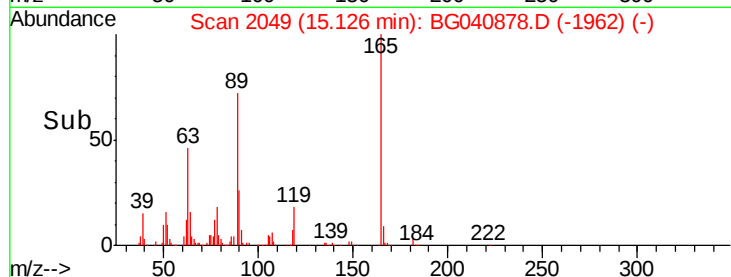
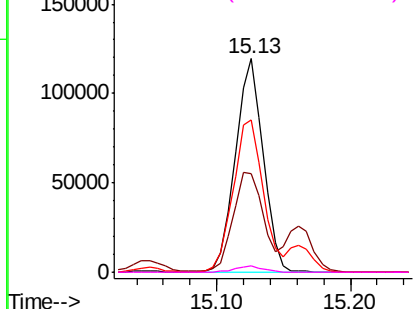
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

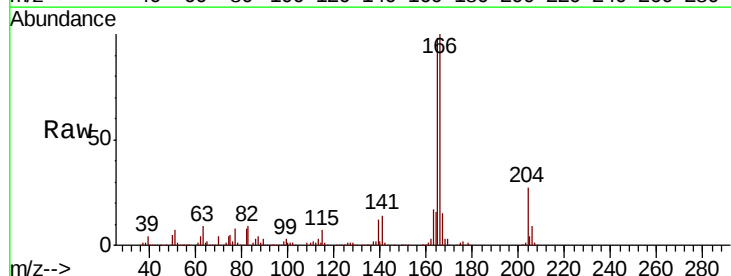
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.425 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.6	119.4
167	15.1	12.2	18.2

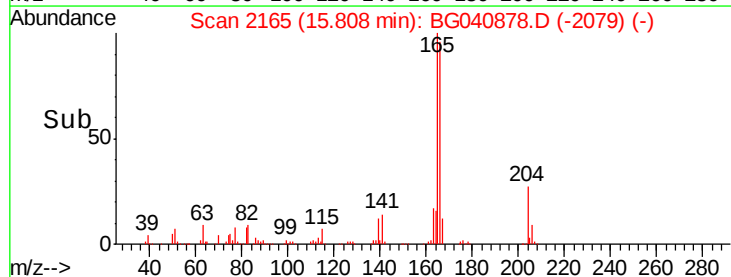
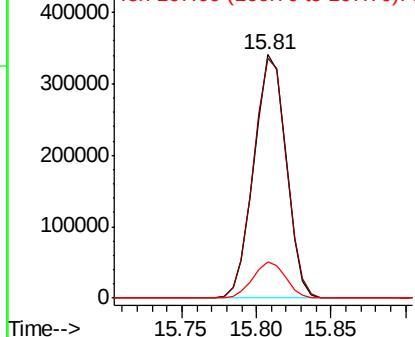


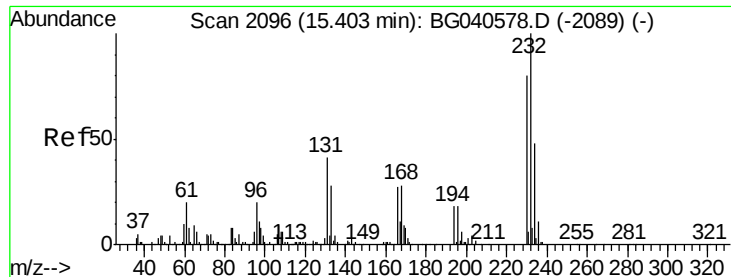
Abundance

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

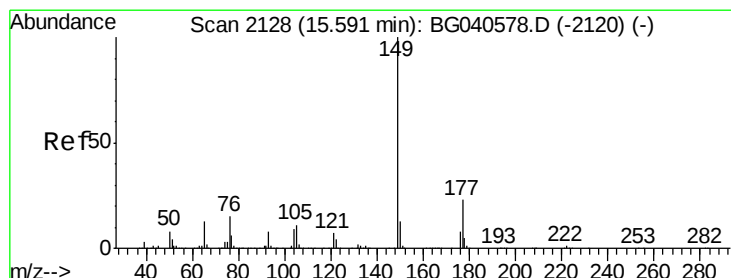
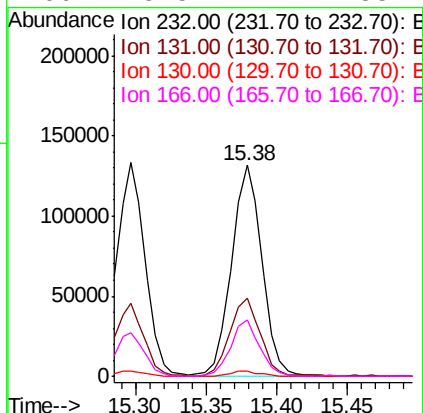
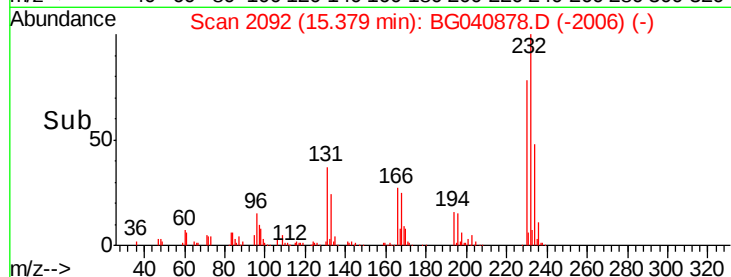
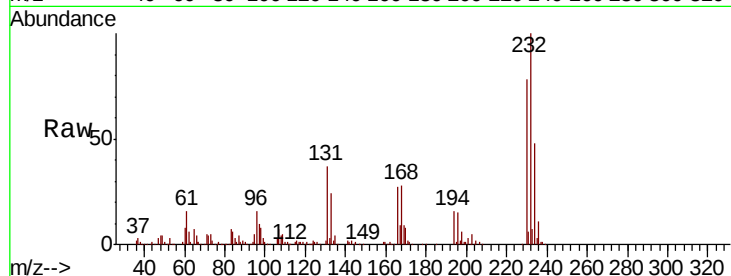




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.795 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

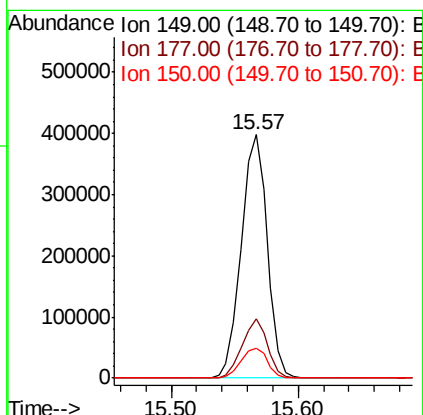
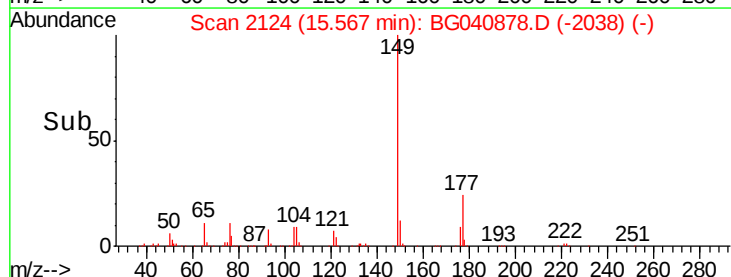
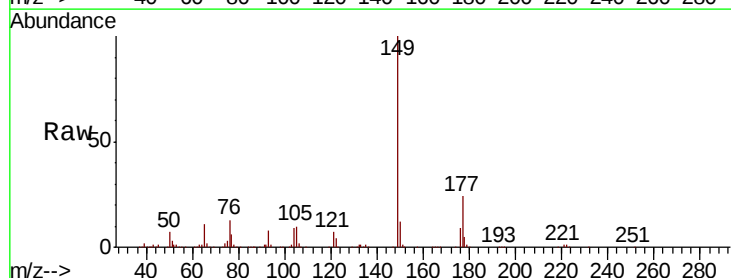
Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion:	232	Resp:	196945
Ion	Ratio	Lower	Upper
232	100		
131	37.0	33.0	49.4
130	2.3	2.0	3.0
166	25.5	22.1	33.1



#60
 Diethylphthalate
 Concen: 37.303 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion:	149	Resp:	561485
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.5	27.7
150	12.3	10.2	15.4

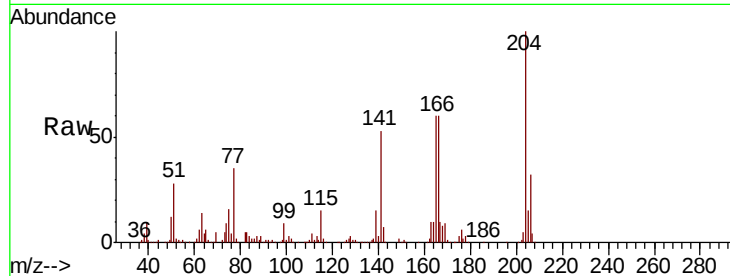




#61
 4-Chlorophenyl-phenylether
 Concen: 40.970 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.4	41.2
141	53.2	46.0	69.0

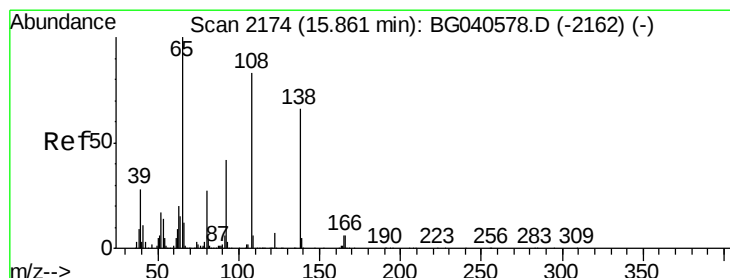
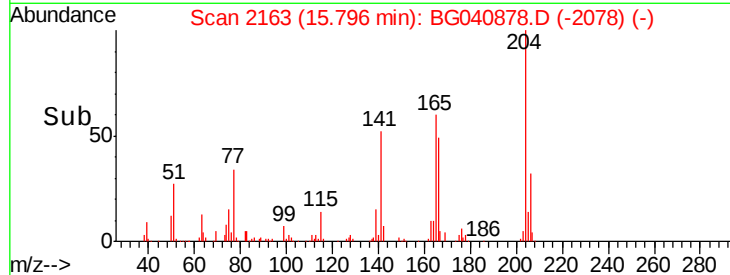
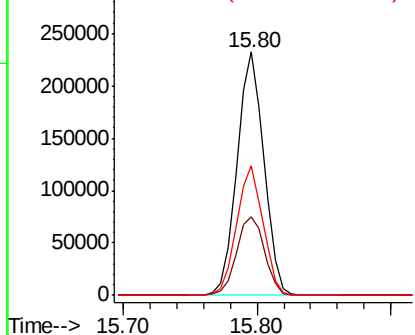


Abundance

Ion 204.00 (203.70 to 204.70): E

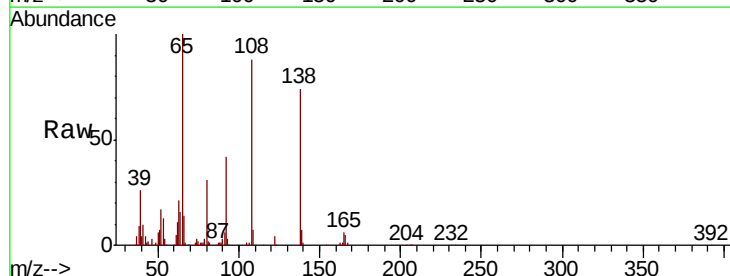
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 38.683 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	43.9	83.9
108	119.1	106.5	146.5

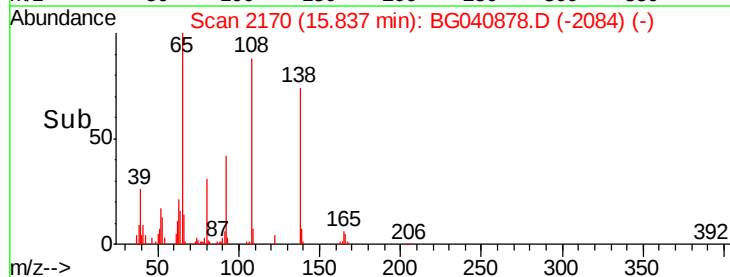
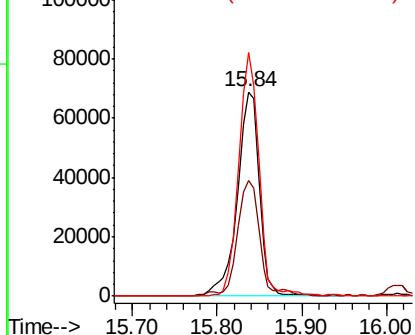


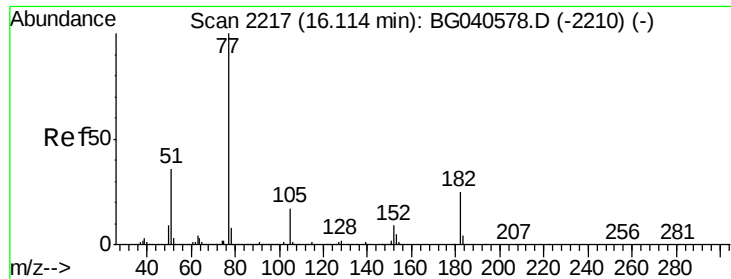
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.041 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

Tgt Ion: 77 Resp: 527685

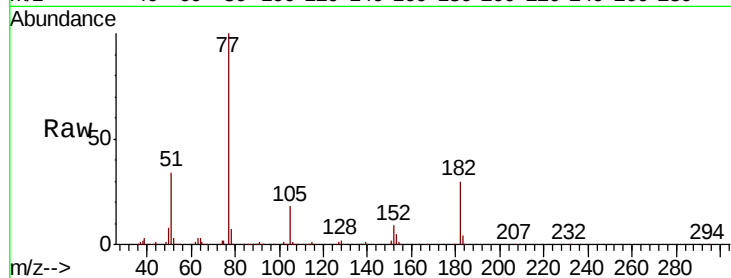
Ion Ratio Lower Upper

77 100

182 30.1 5.0 45.0

105 18.4 0.0 37.6

51 34.4 16.3 56.3

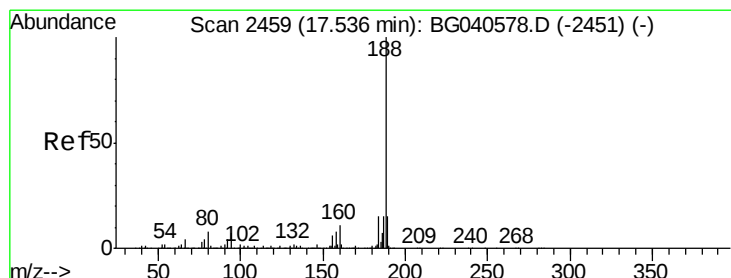
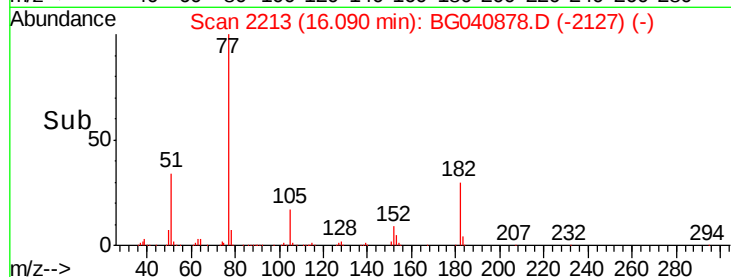
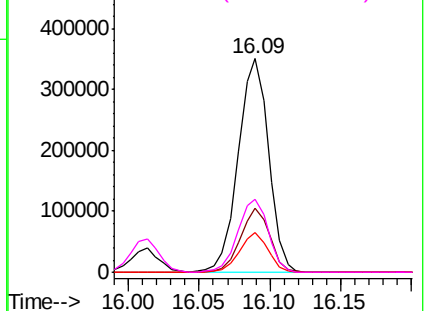


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2455

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

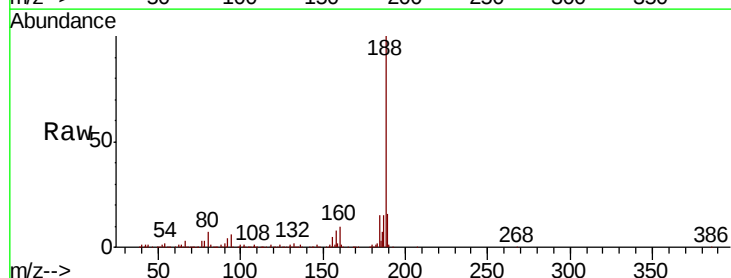
Tgt Ion: 188 Resp: 429680

Ion Ratio Lower Upper

188 100

94 5.8 5.6 8.4

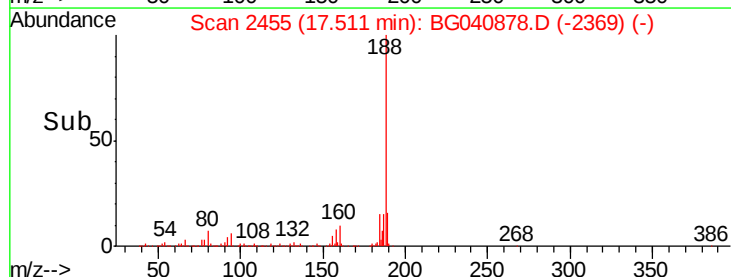
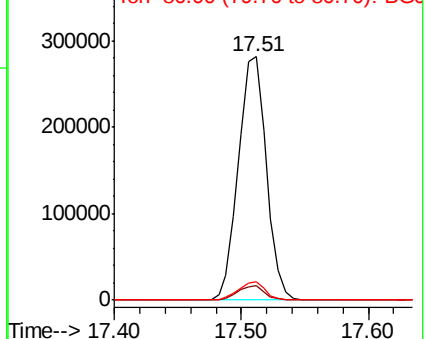
80 7.3 6.4 9.6



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: 50.925 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

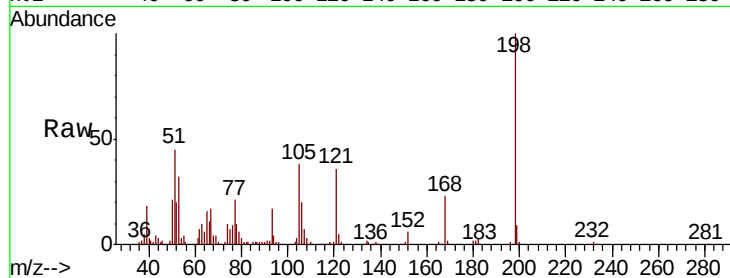
Tgt Ion:198 Resp: 108892

Ion Ratio Lower Upper

198 100

51 44.6 35.9 75.9

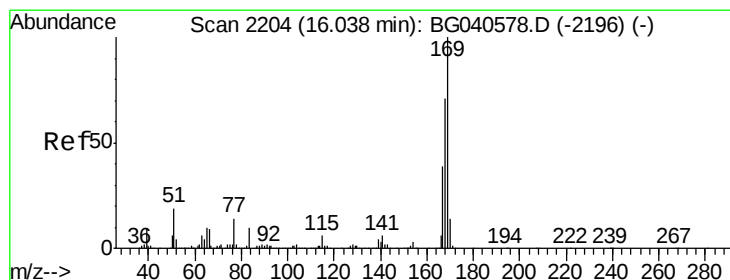
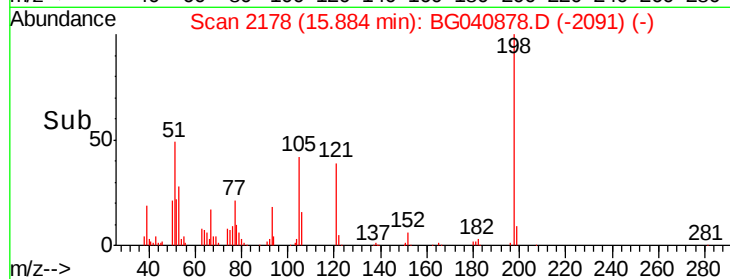
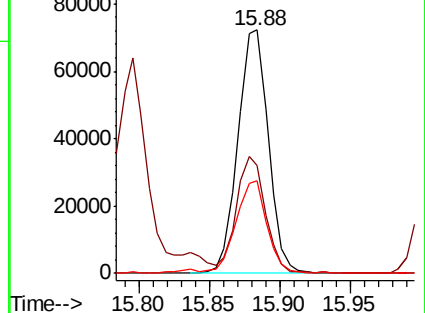
105 38.1 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.370 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

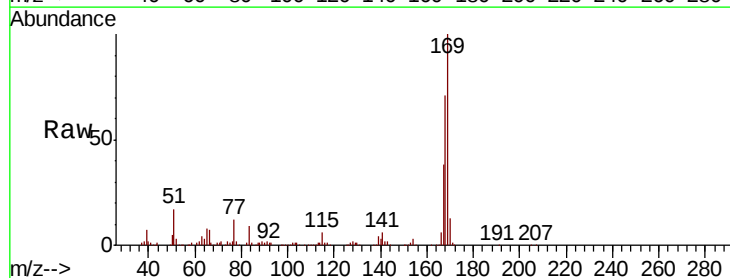
Tgt Ion:169 Resp: 472416

Ion Ratio Lower Upper

169 100

168 70.7 56.8 85.2

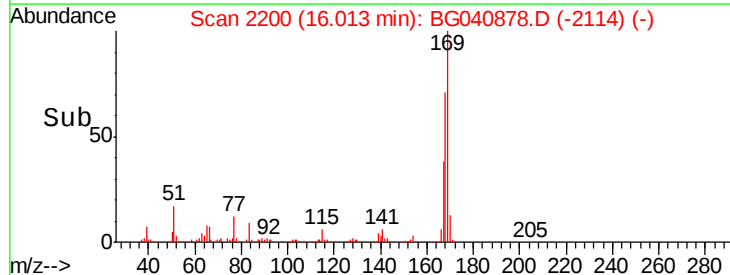
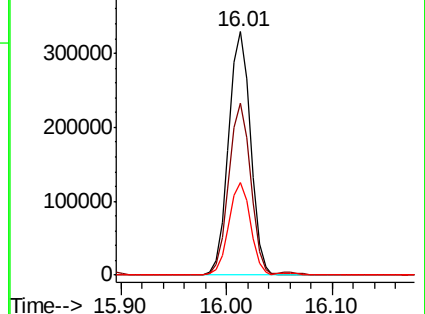
167 37.9 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

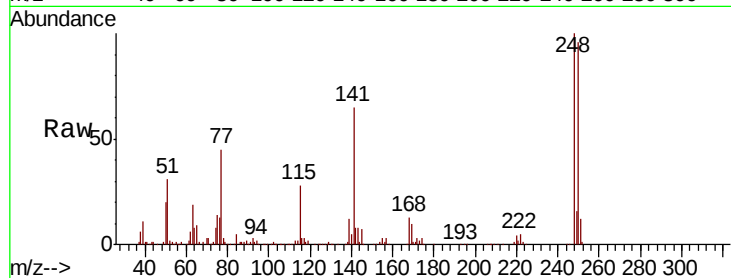




#67
 4-Bromophenyl-phenylether
 Concen: 39.975 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.8	119.6
141	64.9	60.8	91.2

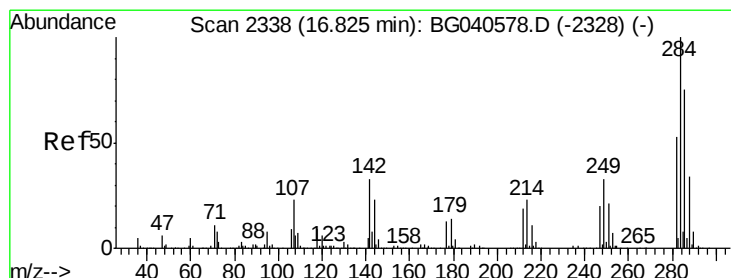
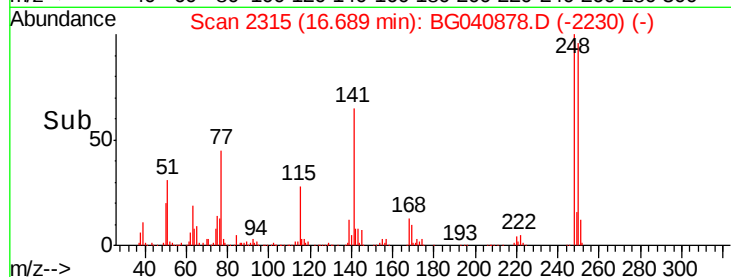
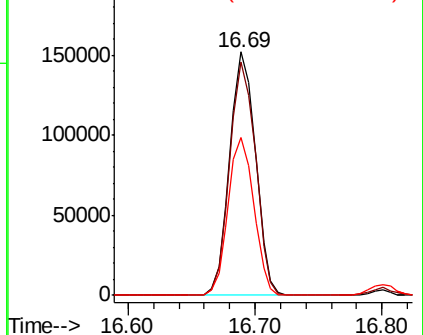


Abundance

Ion 248.00 (247.70 to 248.70): E

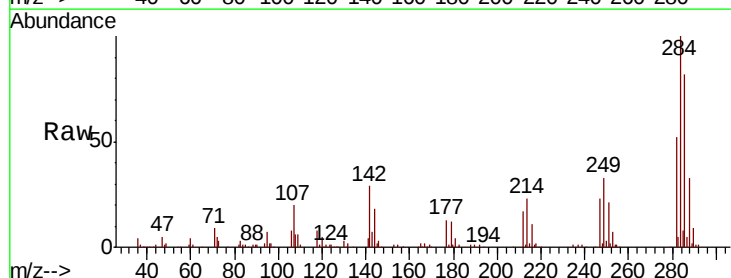
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.649 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	26.6	40.0
249	33.3	26.0	39.0

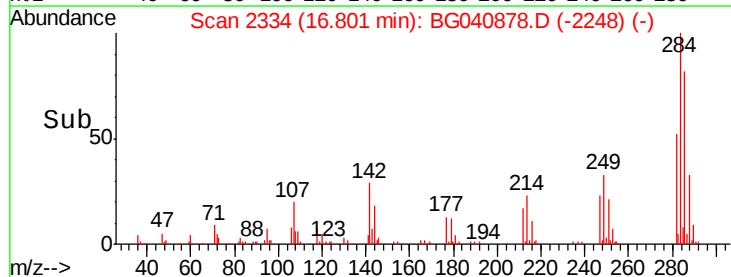
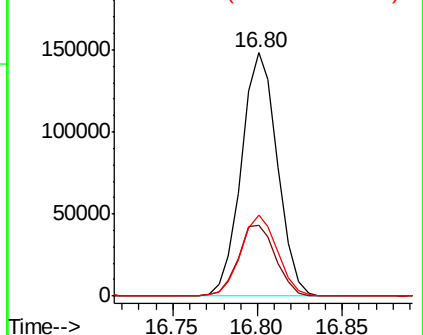


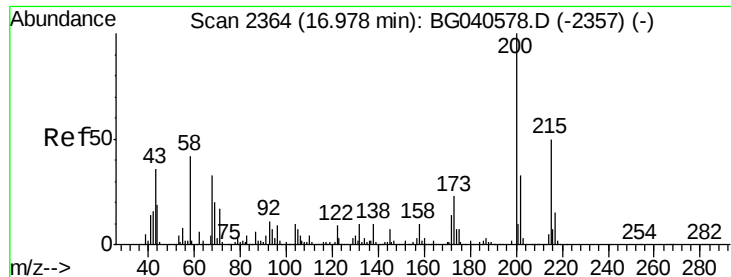
Abundance

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

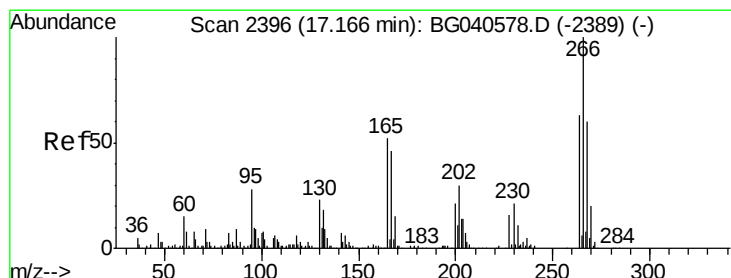
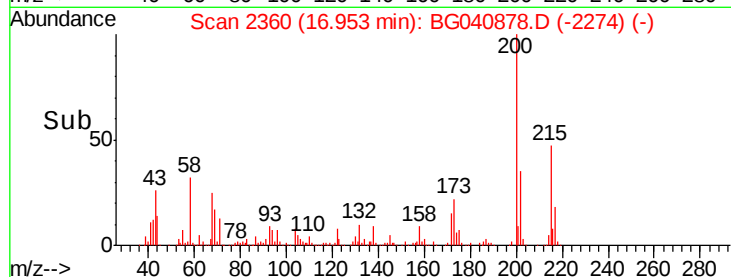
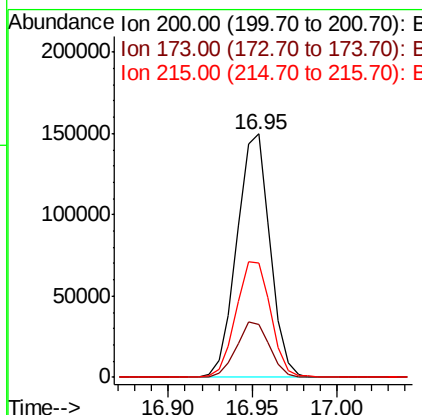
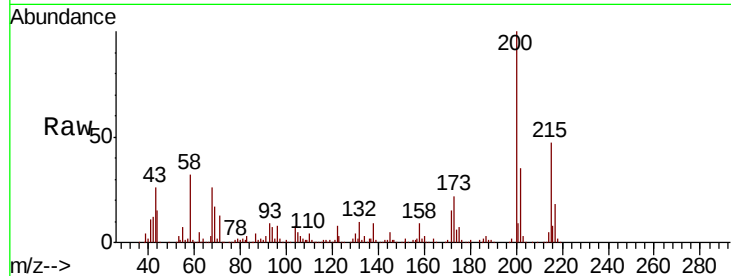




#69
 Atrazine
 Concen: 40.704 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

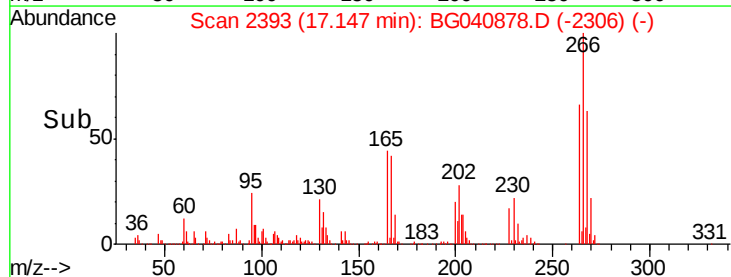
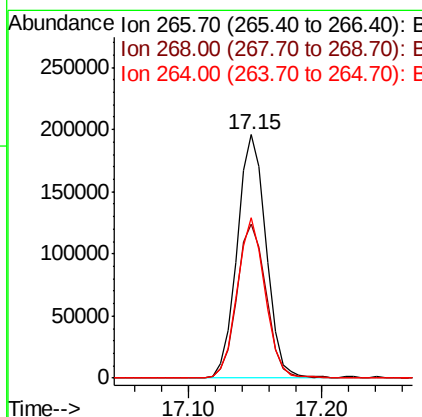
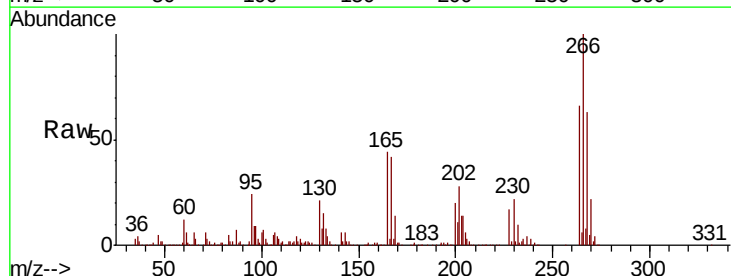
Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

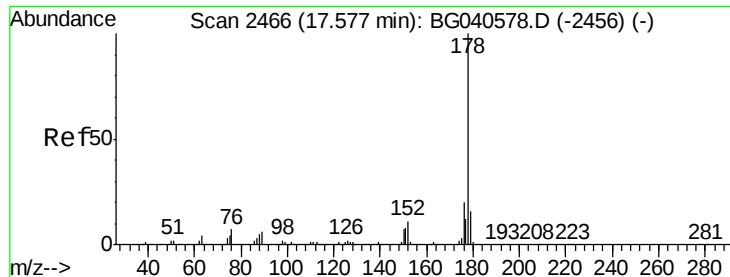
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.0	2.8	42.8
215	47.0	30.2	70.2



#70
 Pentachlorophenol
 Concen: 90.757 ng
 RT: 17.15 min Scan# 2393
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.3	78.5
264	65.7	50.0	75.0





#71

Phenanthrene

Concen: 37.414 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

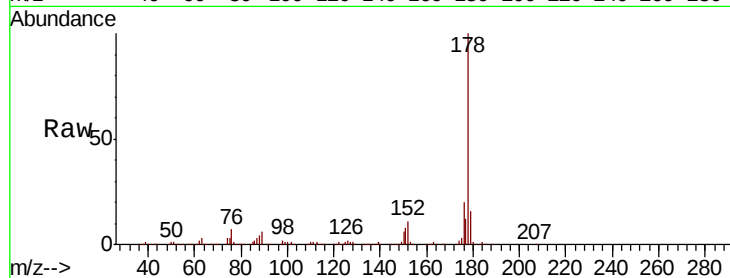
Tgt Ion:178 Resp: 865903

Ion Ratio Lower Upper

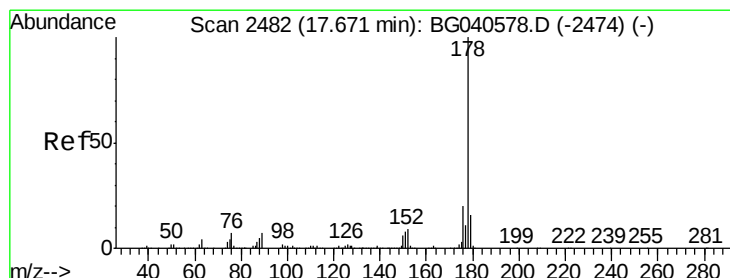
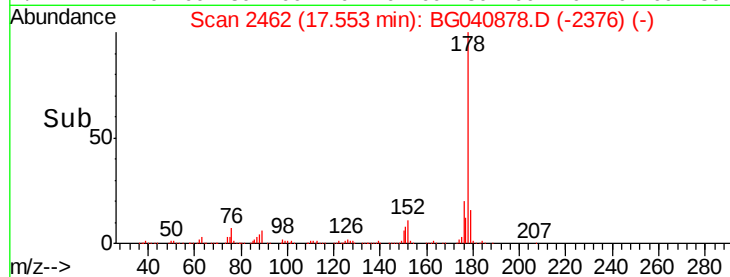
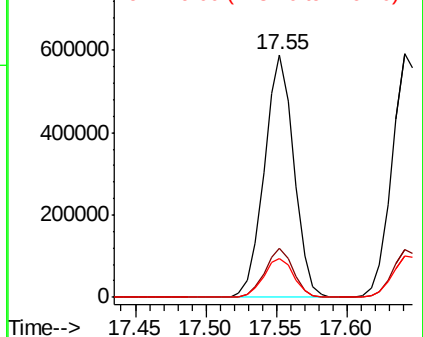
178 100

176 20.2 15.8 23.6

179 16.2 12.6 18.8



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



#72

Anthracene

Concen: 38.027 ng

RT: 17.64 min Scan# 2477

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

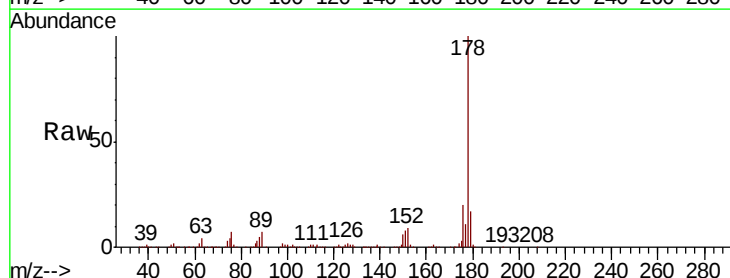
Tgt Ion:178 Resp: 884624

Ion Ratio Lower Upper

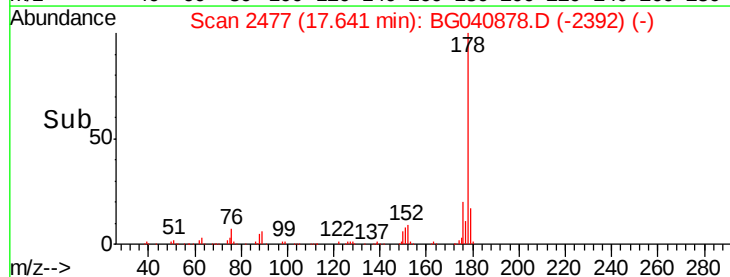
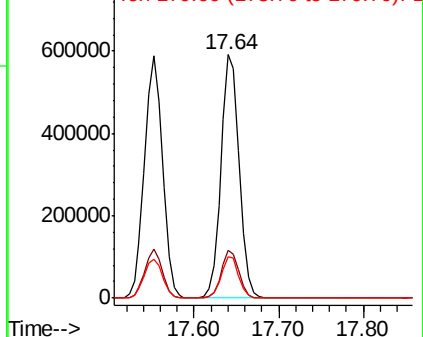
178 100

176 19.7 15.6 23.4

179 17.1 12.9 19.3



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

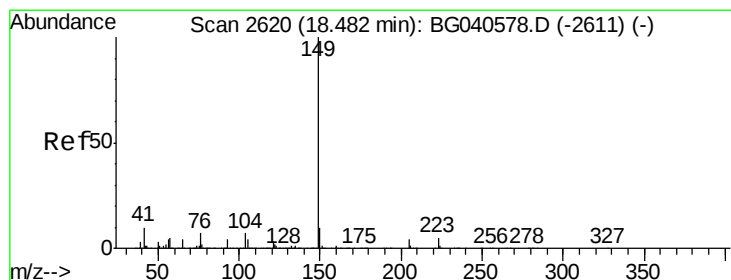
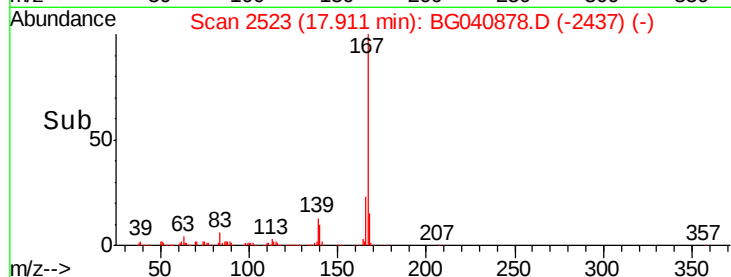
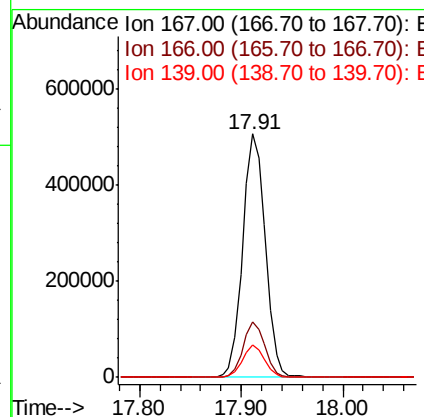
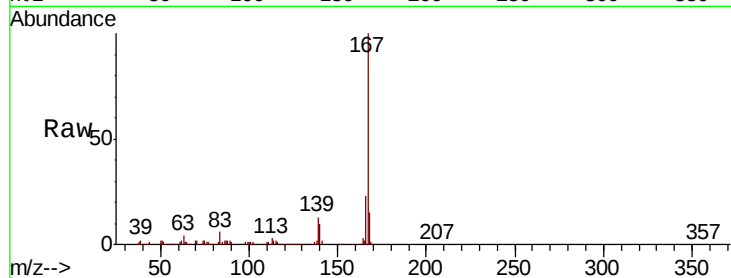




#73
 Carbazole
 Concen: 36.989 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

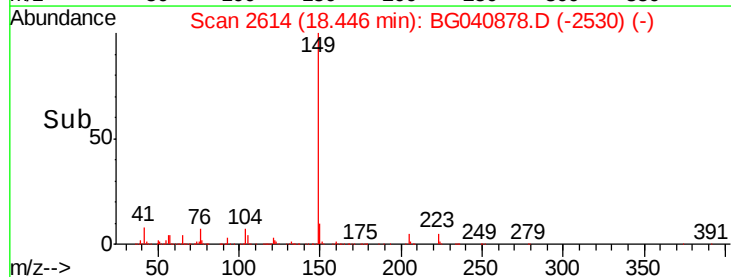
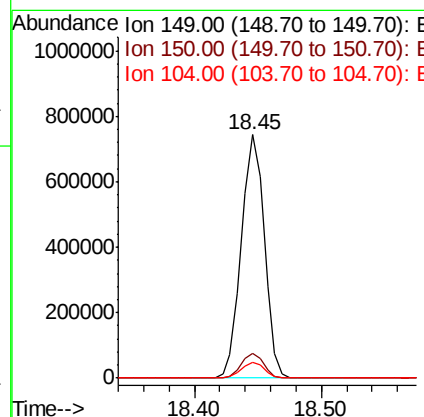
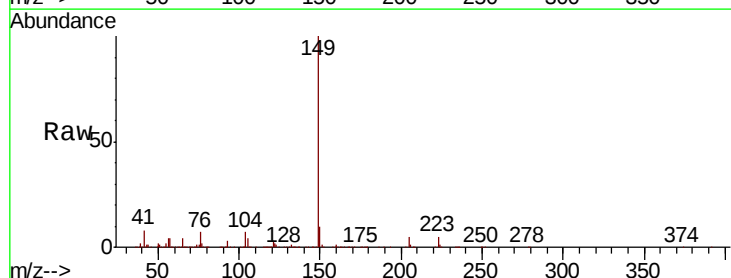
Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

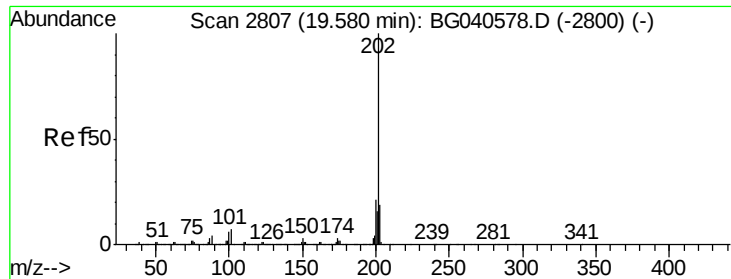
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.3	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 36.404 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.7	5.4	8.2

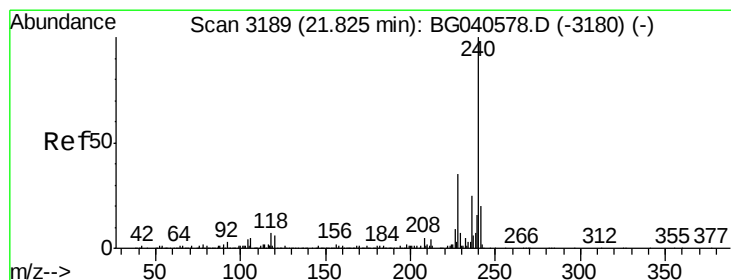
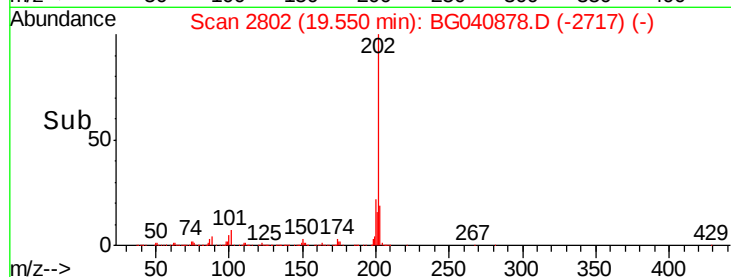
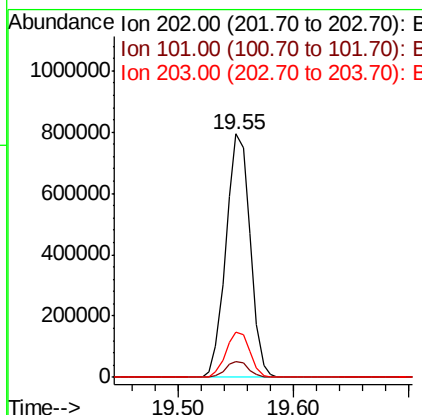
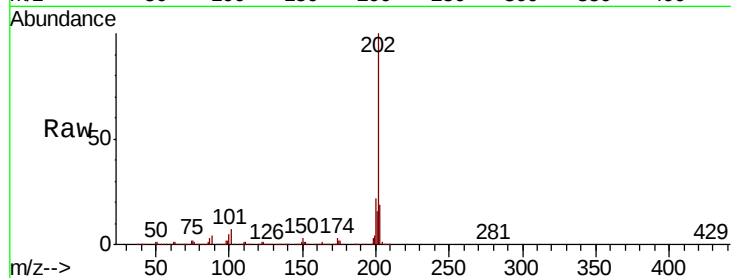




#75
 Fluoranthene
 Concen: 39.792 ng
 RT: 19.55 min Scan# 2802
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

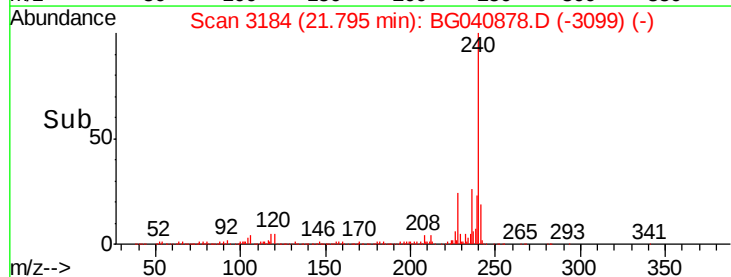
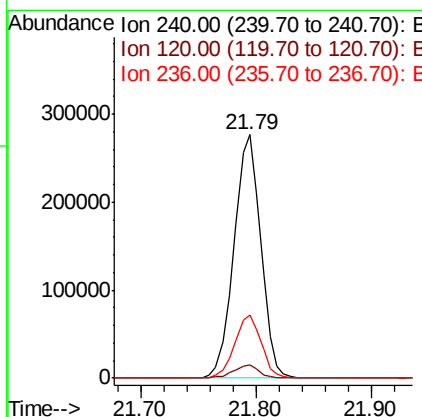
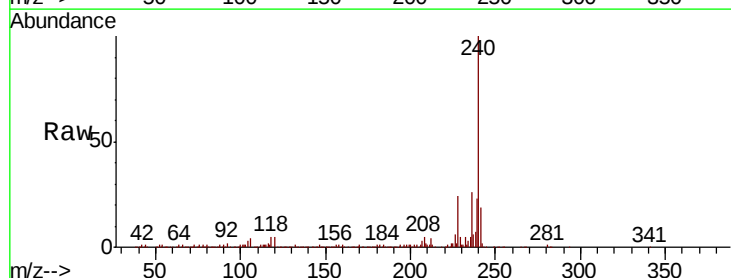
Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

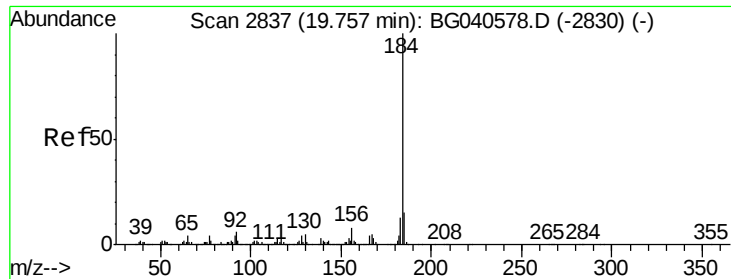
Tgt Ion:202 Resp: 1147640
 Ion Ratio Lower Upper
 202 100
 101 6.6 0.0 27.5
 203 18.6 0.0 39.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion:240 Resp: 443589
 Ion Ratio Lower Upper
 240 100
 120 5.3 5.0 7.6
 236 26.2 20.3 30.5





#77

Benzidine

Concen: 29.924 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

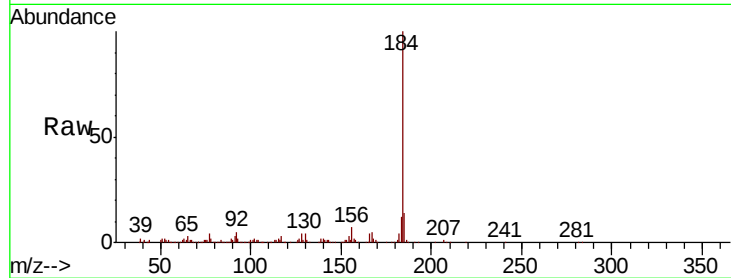
Tgt Ion:184 Resp: 363453

Ion Ratio Lower Upper

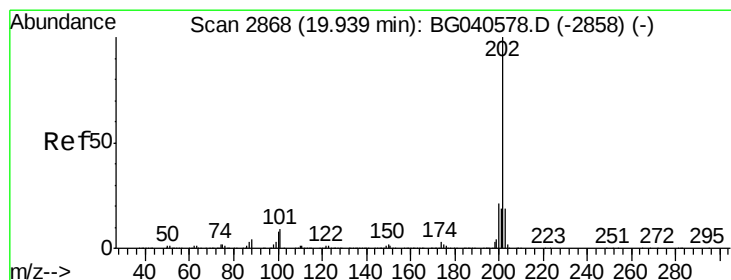
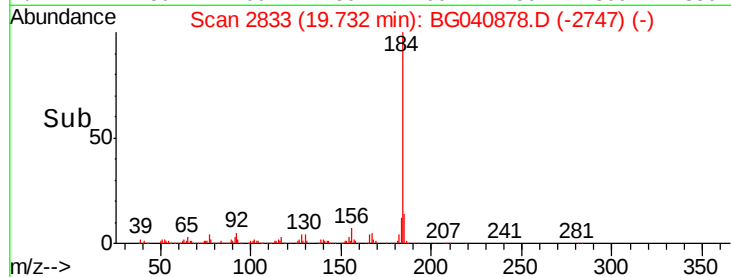
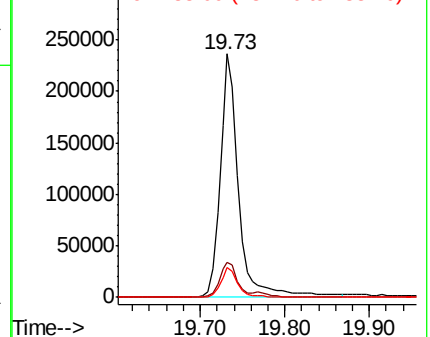
184 100

185 14.1 11.8 17.8

183 12.1 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: 40.574 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

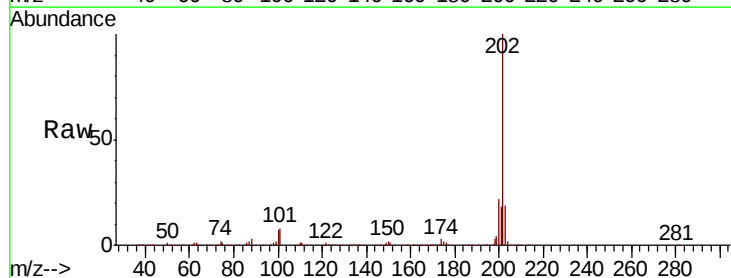
Tgt Ion:202 Resp: 1128052

Ion Ratio Lower Upper

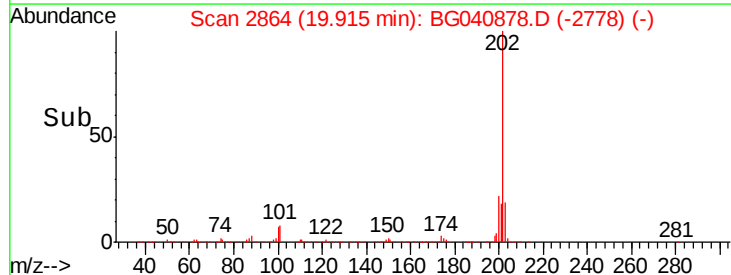
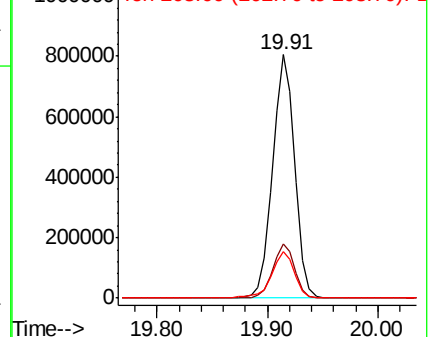
202 100

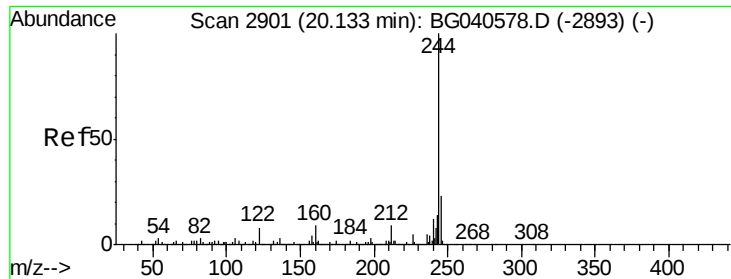
200 22.2 17.2 25.8

203 19.3 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: 82.357 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

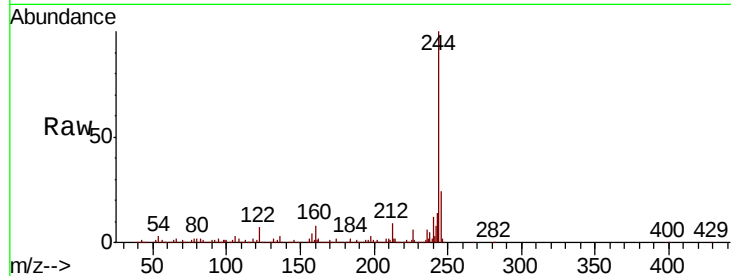
Tgt Ion:244 Resp: 1649007

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

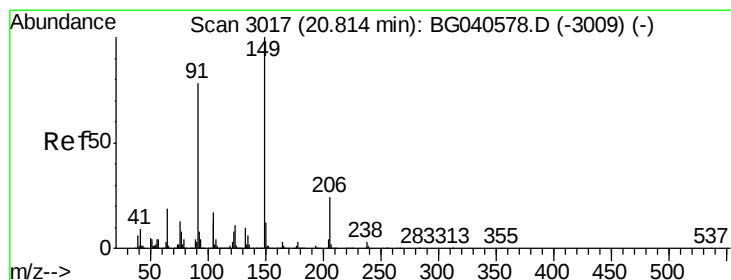
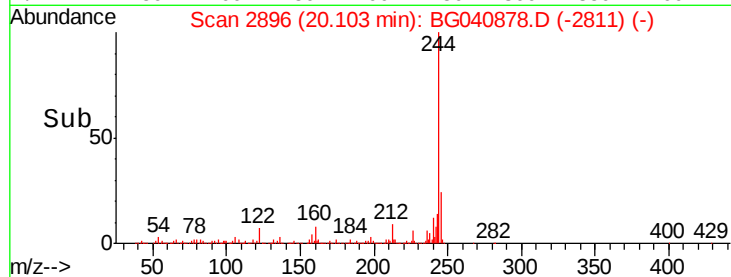
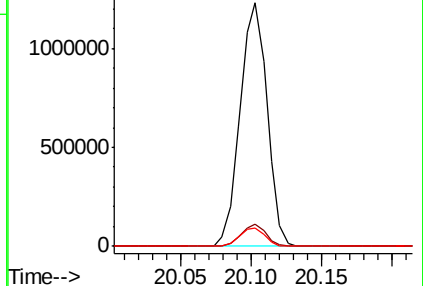
122 7.4 6.6 10.0



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: 40.536 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

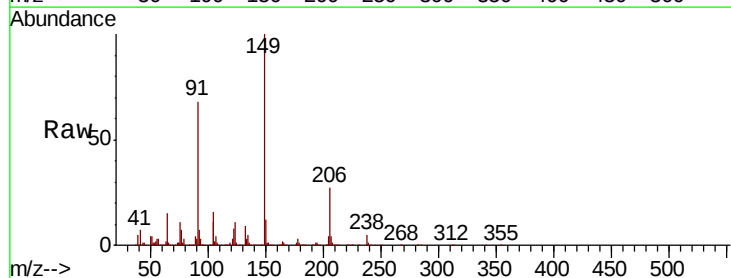
Tgt Ion:149 Resp: 439251

Ion Ratio Lower Upper

149 100

91 68.1 62.6 93.8

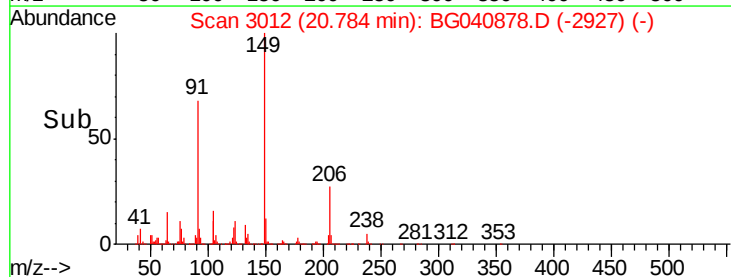
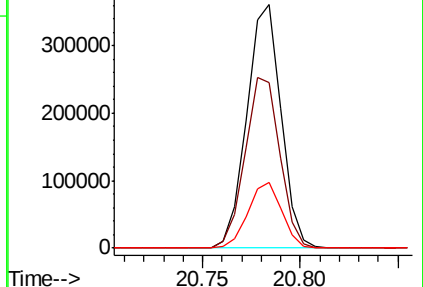
206 26.9 19.4 29.2

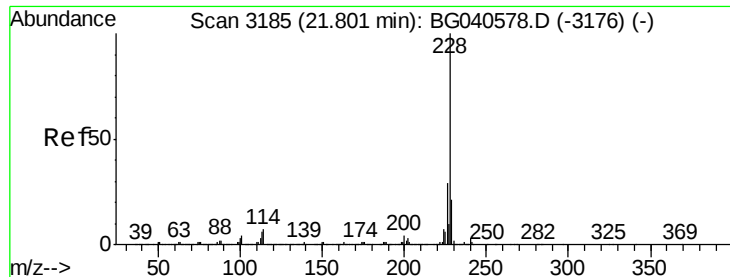


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.981 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

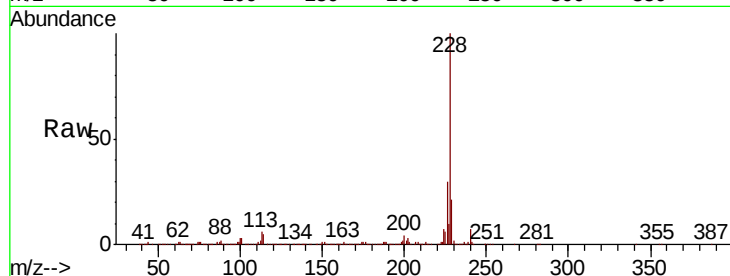
Tgt Ion:228 Resp: 1120882

Ion Ratio Lower Upper

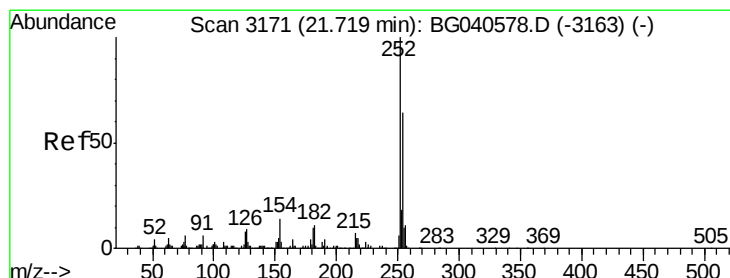
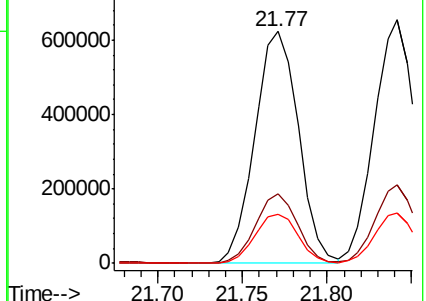
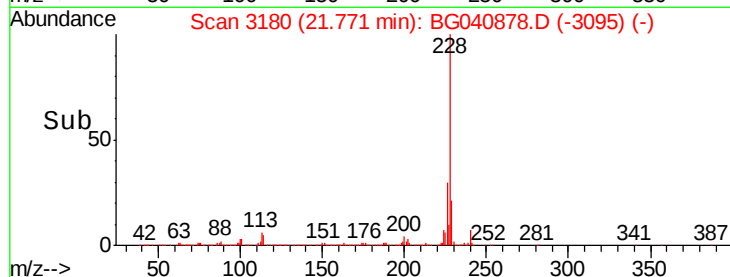
228 100

226 30.0 23.1 34.7

229 21.2 17.0 25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 36.245 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.04 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

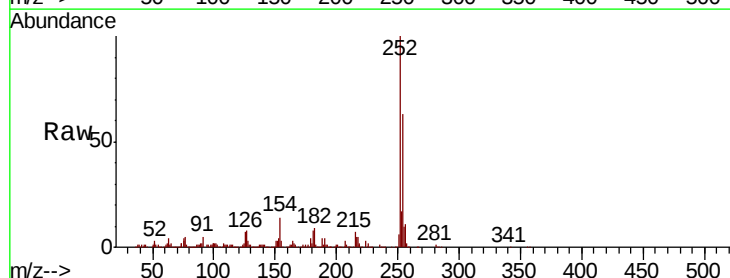
Tgt Ion:252 Resp: 362174

Ion Ratio Lower Upper

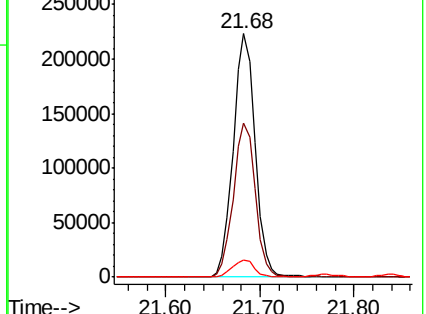
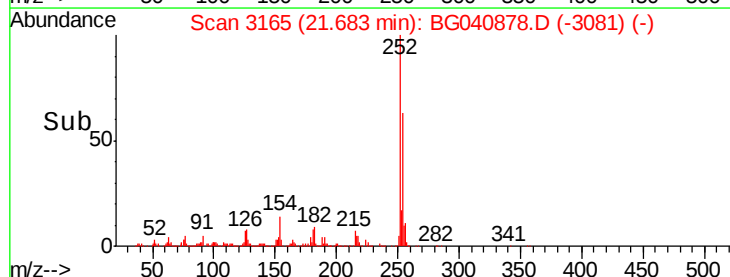
252 100

254 63.4 51.2 76.8

126 7.2 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: 41.395 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

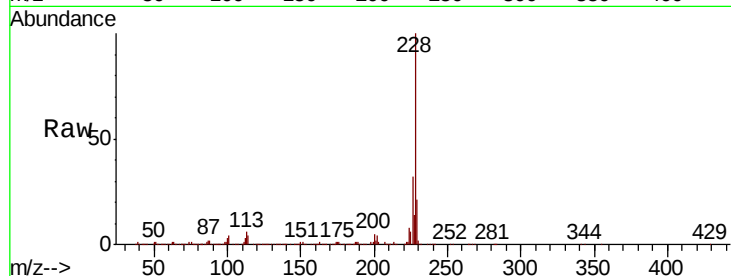
Tgt Ion:228 Resp: 1103691

Ion Ratio Lower Upper

228 100

226 32.4 25.5 38.3

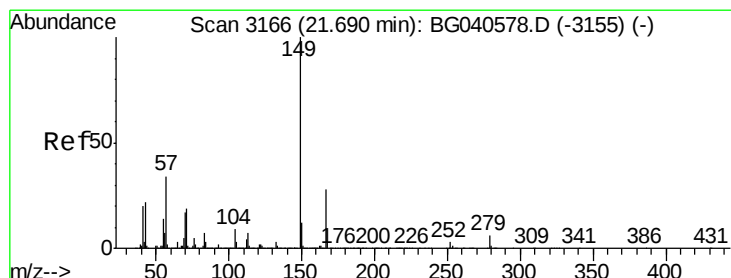
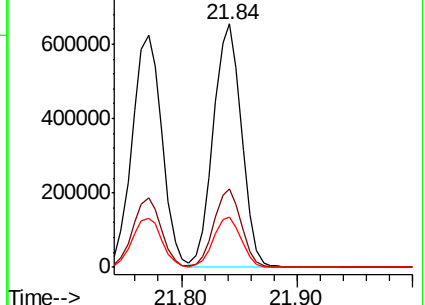
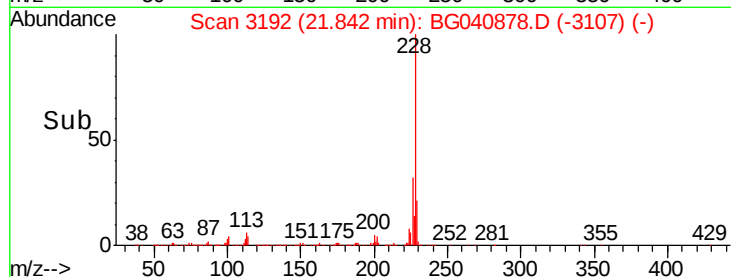
229 20.8 16.8 25.2



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: 38.995 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.05 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

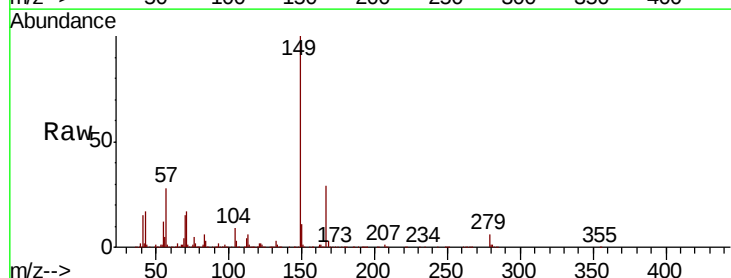
Tgt Ion:149 Resp: 609957

Ion Ratio Lower Upper

149 100

167 29.5 22.4 33.6

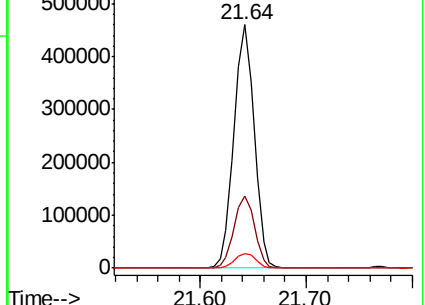
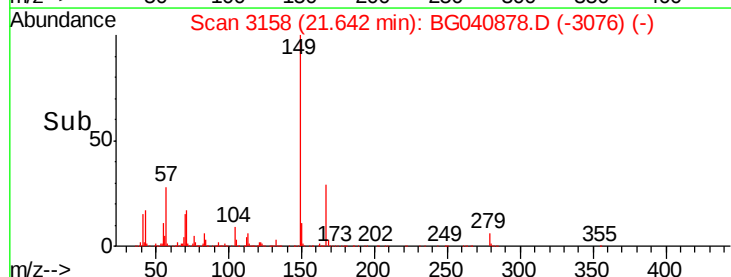
279 6.2 4.6 6.8



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

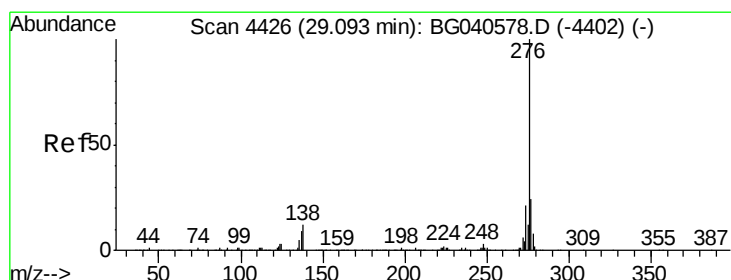
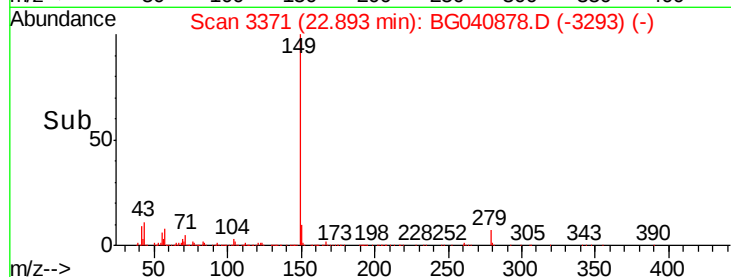
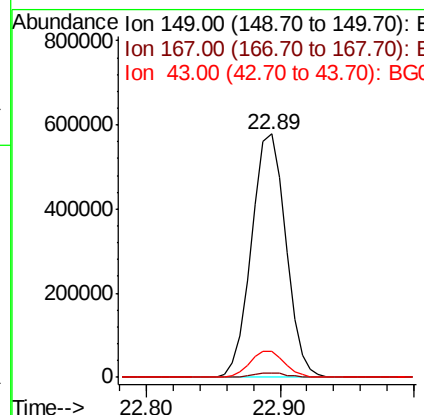
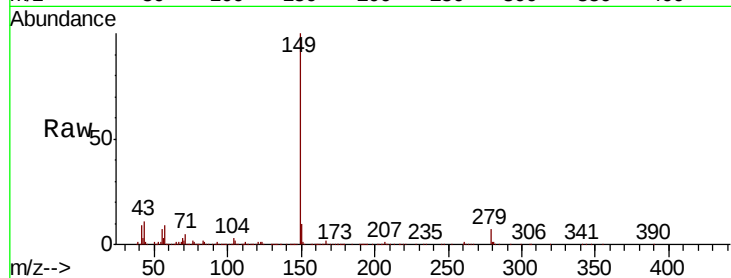




#85
Di-n-octyl phthalate
Concen: 38.920 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.07 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

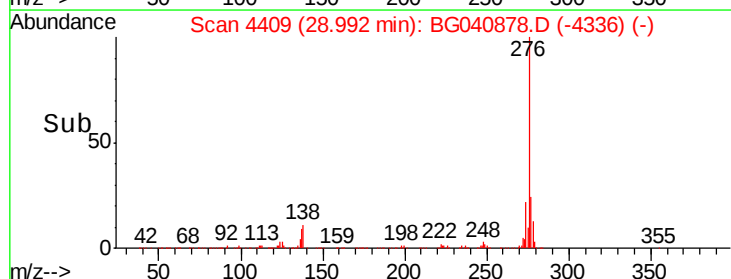
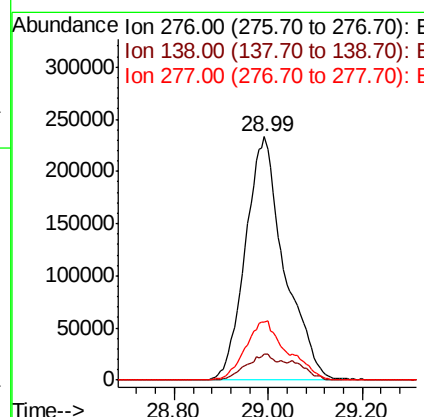
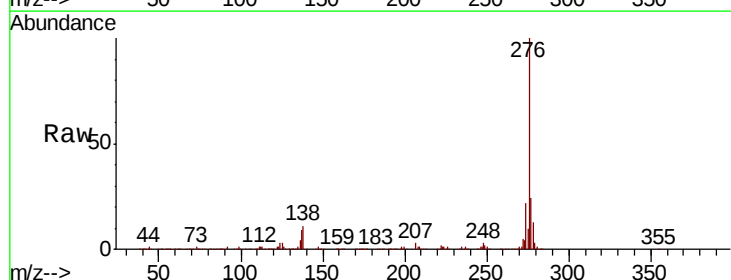
Instrument :
BNA_G
ClientSampleId :
PB119607BS

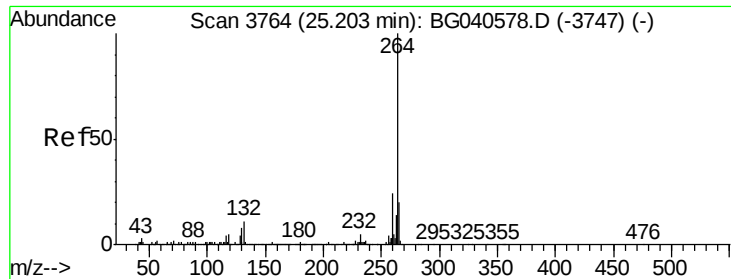
Tgt Ion:149 Resp: 1025268
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.9 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.399 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.10 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:276 Resp: 1334535
Ion Ratio Lower Upper
276 100
138 9.4 9.8 14.6#
277 26.2 17.3 25.9#

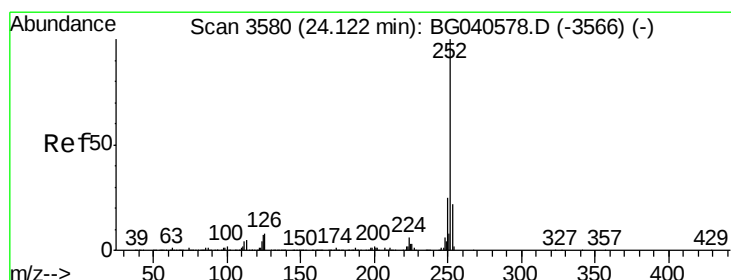
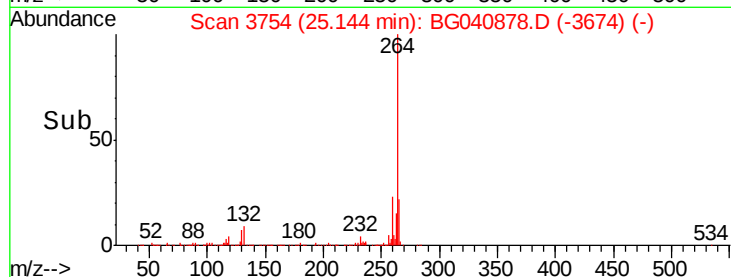
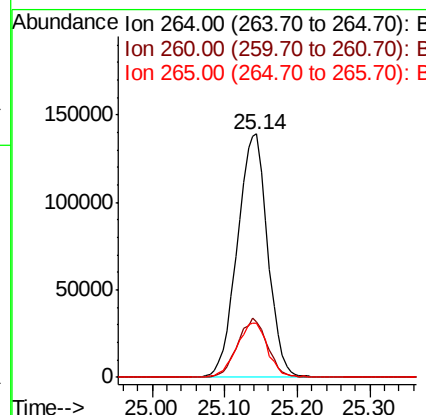
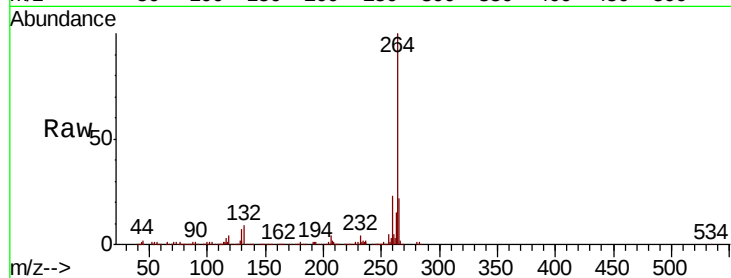




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3754
Delta R.T. -0.06 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

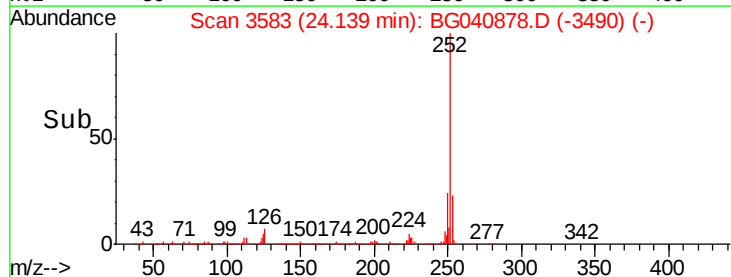
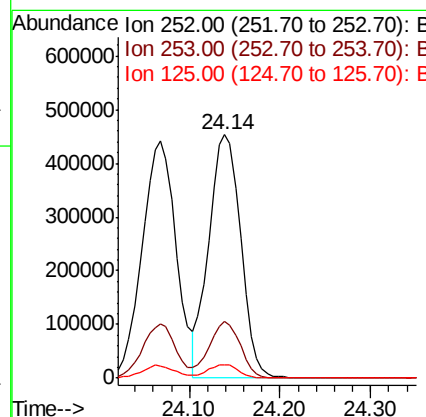
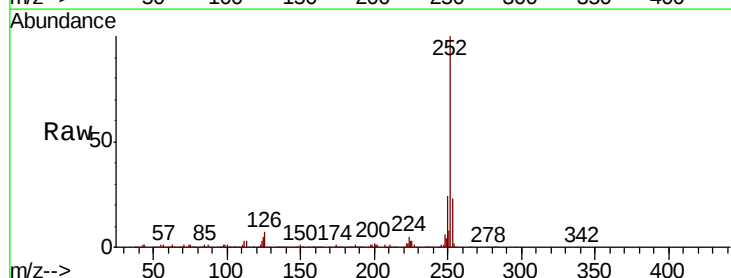
Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion:264 Resp: 403767
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 22.2 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 44.965 ng
RT: 24.14 min Scan# 3583
Delta R.T. 0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion:252 Resp: 1109448
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 5.5 5.4 8.0





#89

Benzo(k)fluoranthene

Concen: 48.147 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.05 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

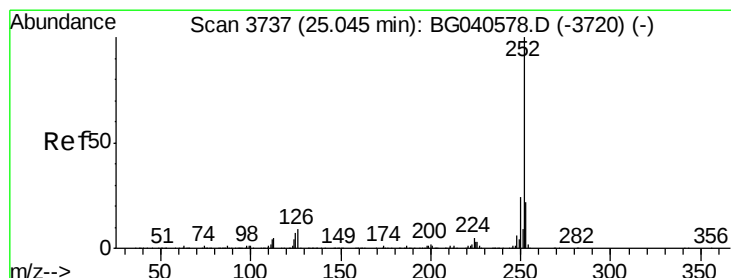
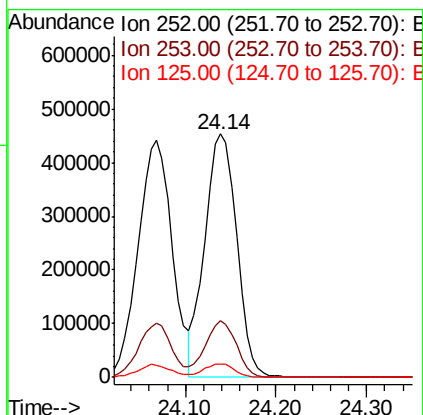
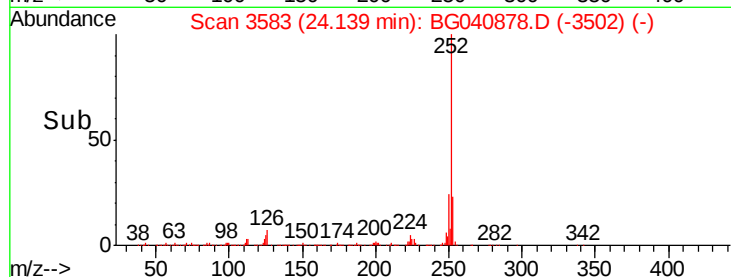
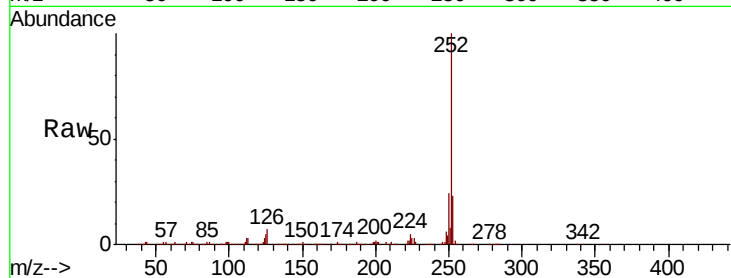
Tgt Ion:252 Resp: 1109448

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 5.5 5.5 8.3#



#90

Benzo(a)pyrene

Concen: 47.907 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

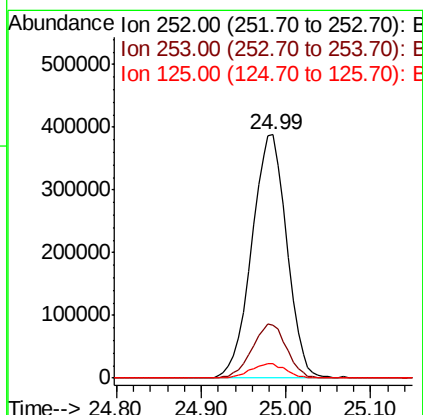
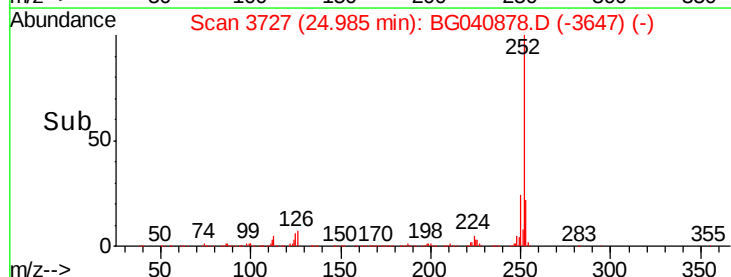
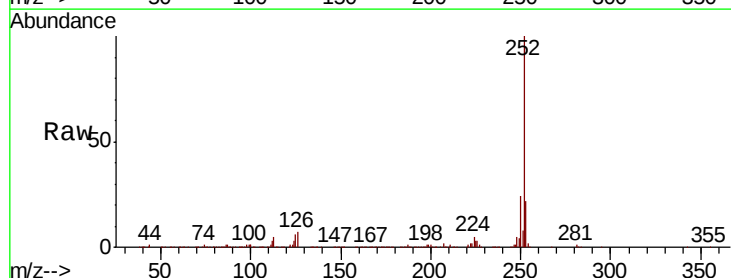
Tgt Ion:252 Resp: 1118902

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 5.7 5.7 8.5

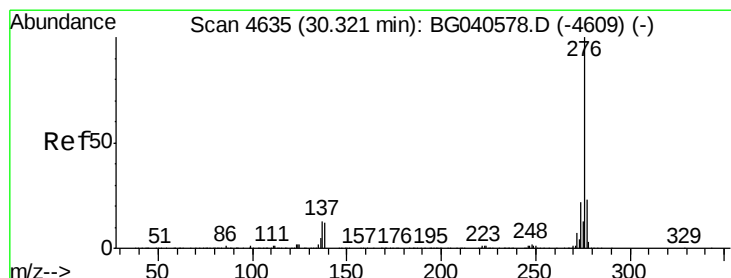
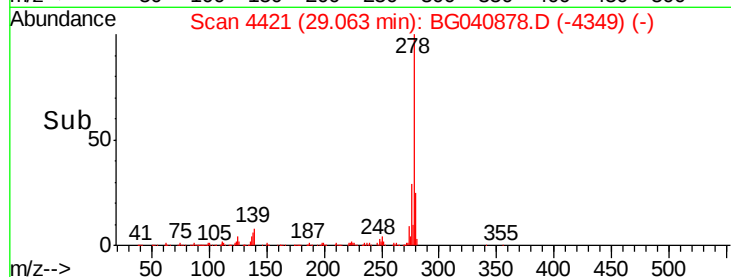
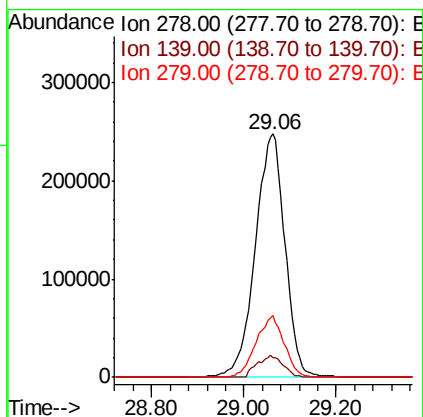
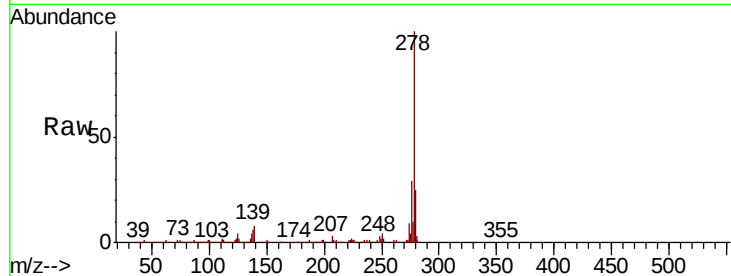




#91
Dibenzo(a,h)anthracene
Concen: 46.814 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.11 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion: 278 Resp: 1106460
Ion Ratio Lower Upper
278 100
139 8.3 8.2 12.4
279 25.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 48.038 ng
RT: 30.21 min Scan# 4616
Delta R.T. -0.11 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion: 276 Resp: 1129970
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 12.4 9.8 14.6

