

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040855.D
 Acq On : 10 May 2019 21:19
 Operator : HP/JU
 Sample : PB119611BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

Quant Time: May 11 06:14:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53048	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	218777	20.00	ng	-0.02
39) Acenaphthene-d10	14.76	164	162885	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	424088	20.00	ng	-0.03
76) Chrysene-d12	21.80	240	438655	20.00	ng	-0.03
87) Perylene-d12	25.14	264	408731	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	442534	147.05	ng	-0.01
7) Phenol-d6	7.28	99	640323	138.19	ng	-0.02
23) Nitrobenzene-d5	9.31	82	382684	80.82	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	350444	156.53	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	864529	76.65	ng	-0.03
79) Terphenyl-d14	20.11	244	1672067	84.45	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	39882	29.141	ng	95
3) Pyridine	3.94	79	109381	27.573	ng	96
4) n-Nitrosodimethylamine	3.86	42	73138	33.239	ng	91
6) Aniline	7.46	93	185334	30.177	ng	97
8) 2-Chlorophenol	7.69	128	144998	39.460	ng	97
9) Benzaldehyde	7.27	77	89086	29.614	ng	95
10) Phenol	7.30	94	198298	39.812	ng	96
11) bis(2-Chloroethyl)ether	7.55	93	132428	35.455	ng	95
12) 1,3-Dichlorobenzene	8.02	146	146096	36.426	ng	96
13) 1,4-Dichlorobenzene	8.17	146	151215	37.192	ng	96
14) 1,2-Dichlorobenzene	8.49	146	146197	37.285	ng	99
15) Benzyl Alcohol	8.37	79	167334	34.708	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	219992	29.584	ng	96
17) 2-Methylphenol	8.57	107	139164	39.480	ng	90
18) Hexachloroethane	9.22	117	57575	34.521	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	133861	32.093	ng	91
20) 3+4-Methylphenols	8.89	107	193347	39.375	ng	97
22) Acetophenone	8.97	105	241036	39.620	ng	# 95
24) Nitrobenzene	9.35	77	199543	39.500	ng	94
25) Isophorone	9.87	82	385129	36.516	ng	97
26) 2-Nitrophenol	10.07	139	86084	47.538	ng	93
27) 2,4-Dimethylphenol	10.11	122	156256	45.990	ng	97
28) bis(2-Chloroethoxy)methane	10.35	93	200347	37.862	ng	98
29) 2,4-Dichlorophenol	10.59	162	178258	46.149	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	181798	42.442	ng	94
31) Naphthalene	11.01	128	458507	39.448	ng	99
32) Benzoic acid	10.23	122	102629m	44.124	ng	
33) 4-Chloroaniline	11.12	127	123117	23.891	ng	95
34) Hexachlorobutadiene	11.27	225	135175	42.745	ng	99
35) Caprolactam	11.90	113	58844m	38.586	ng	
36) 4-Chloro-3-methylphenol	12.21	107	202883	41.636	ng	99
37) 2-Methylnaphthalene	12.60	142	352334	40.544	ng	98
38) 1-Methylnaphthalene	12.82	142	333891	39.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	247518	40.792	ng	99

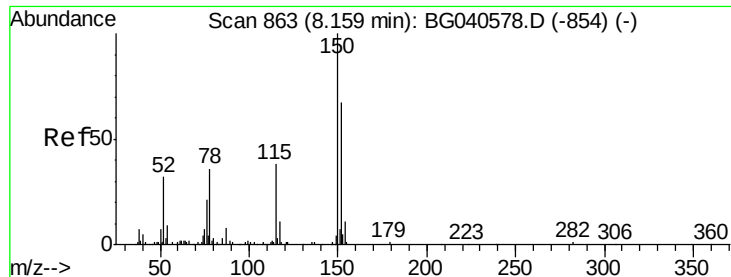
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	327913	91.582	ng	99
43) 2,4,6-Trichlorophenol	13.20	196	168803	46.035	ng	98
44) 2,4,5-Trichlorophenol	13.27	196	179368	44.904	ng	97
46) 1,1'-Biphenyl	13.60	154	476937	37.713	ng	94
47) 2-Chloronaphthalene	13.65	162	389677	39.373	ng	97
48) 2-Nitroaniline	13.85	65	149223	42.357	ng	98
49) Acenaphthylene	14.49	152	620057	36.927	ng	99
50) Dimethylphthalate	14.21	163	542375	39.798	ng	99
51) 2,6-Dinitrotoluene	14.34	165	118702	44.628	ng	90
52) Acenaphthene	14.83	154	365074	37.333	ng	97
53) 3-Nitroaniline	14.68	138	87847	32.234	ng	# 90
54) 2,4-Dinitrophenol	14.88	184	172342	111.827	ng	88
55) Dibenzofuran	15.16	168	627879	39.201	ng	99
56) 4-Nitrophenol	14.96	139	196027	82.952	ng	96
57) 2,4-Dinitrotoluene	15.12	165	173940	48.126	ng	# 89
58) Fluorene	15.81	166	502131	38.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	186369	46.354	ng	97
60) Diethylphthalate	15.57	149	559663	38.922	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	313654	41.657	ng	99
62) 4-Nitroaniline	15.84	138	120682	39.587	ng	89
63) Azobenzene	16.09	77	515313	34.799	ng	95
65) 4,6-Dinitro-2-methylphenol	15.88	198	108643	51.402	ng	87
66) n-Nitrosodiphenylamine	16.02	169	467974	37.507	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	208731	39.506	ng	97
68) Hexachlorobenzene	16.80	284	216592	39.646	ng	95
69) Atrazine	16.95	200	198425	40.139	ng	97
70) Pentachlorophenol	17.15	266	287363	89.888	ng	99
71) Phenanthrene	17.56	178	855499	37.452	ng	99
72) Anthracene	17.64	178	876032	38.154	ng	99
73) Carbazole	17.91	167	767600	36.694	ng	99
74) Di-n-butylphthalate	18.45	149	915622	36.264	ng	99
75) Fluoranthene	19.55	202	1120178	39.352	ng	99
77) Benzidine	19.73	184	366717	30.533	ng	100
78) Pyrene	19.92	202	1106725	40.255	ng	99
80) Butylbenzylphthalate	20.78	149	430372	40.164	ng	96
81) Benzo(a)anthracene	21.77	228	1092600	39.411	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	354750	35.901	ng	97
83) Chrysene	21.84	228	1086471	41.208	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	593593	38.376	ng	99
85) Di-n-octyl phthalate	22.90	149	1001894	38.460	ng	96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1284534	40.296	ng	# 90
88) Benzo(b)fluoranthene	24.07	252	1119890	44.837	ng	# 97
89) Benzo(k)fluoranthene	24.14	252	1066327	45.714	ng	# 95
90) Benzo(a)pyrene	24.99	252	1081147	45.728	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	1074604	44.914	ng	99
92) Benzo(g,h,i)perylene	30.21	276	1073300	45.074	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

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Acq: 10 May 2019 21:19

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PB119611BS

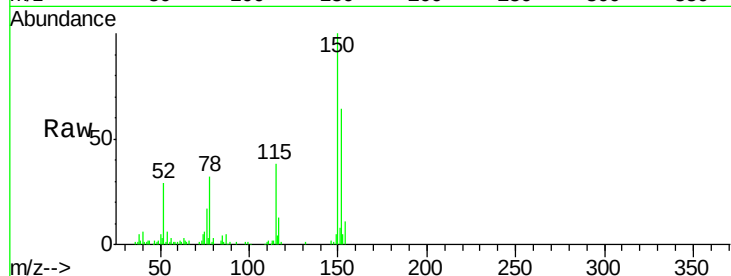
Tgt Ion:152 Resp: 53048

Ion Ratio Lower Upper

152 100

150 155.5 120.2 180.2

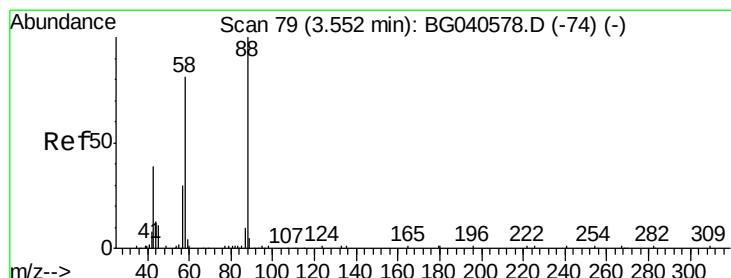
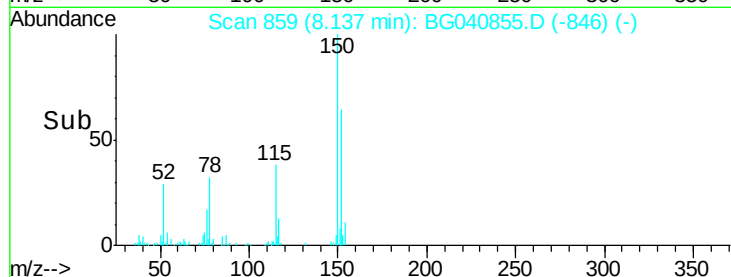
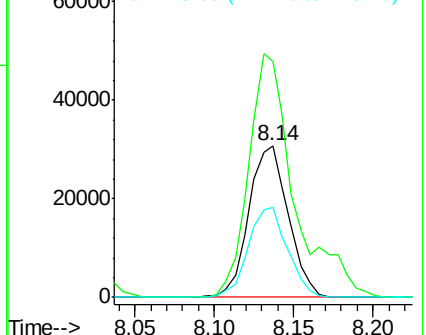
115 59.3 46.2 69.2



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: 29.141 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

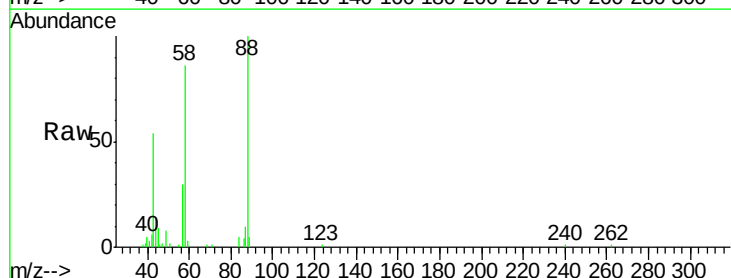
Tgt Ion: 88 Resp: 39882

Ion Ratio Lower Upper

88 100

58 89.8 71.2 106.8

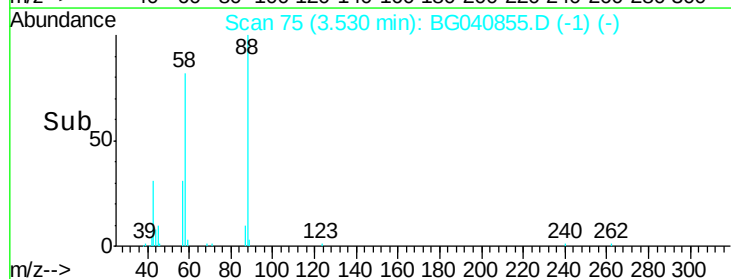
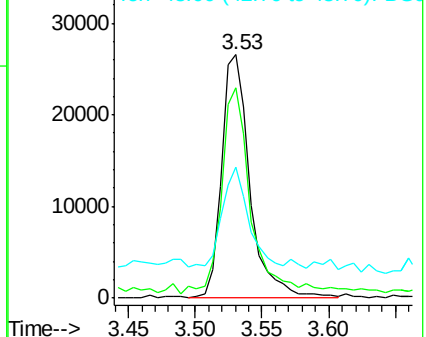
43 36.2 35.6 53.4

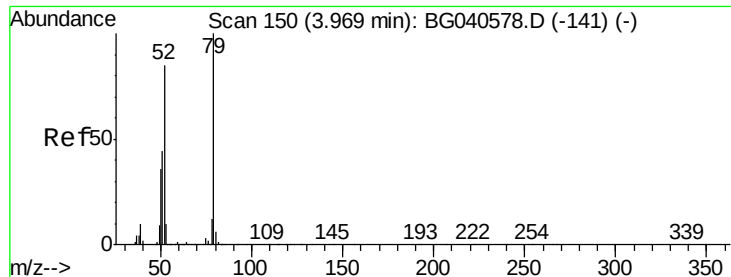


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.573 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

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ClientSampleId :

PB119611BS

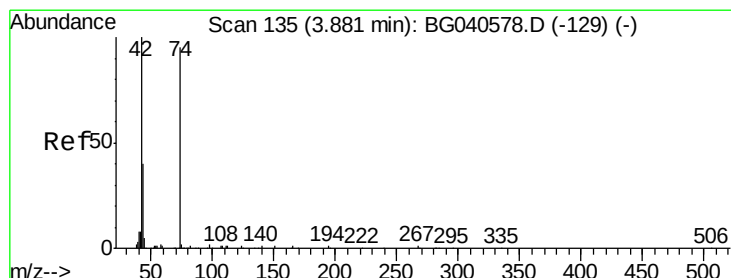
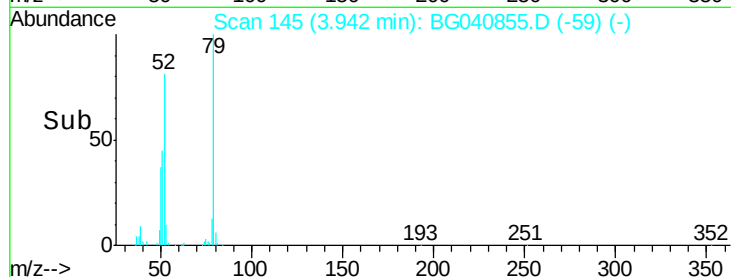
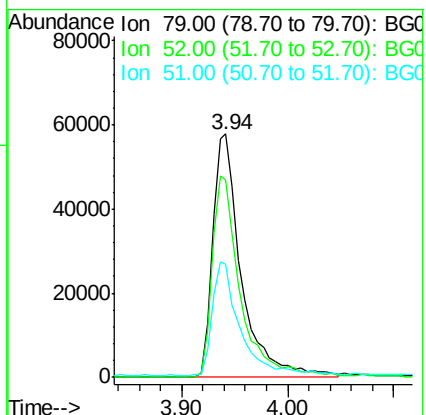
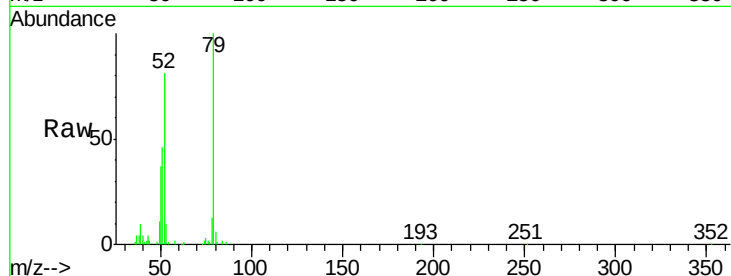
Tgt Ion: 79 Resp: 109381

Ion Ratio Lower Upper

79 100

52 81.0 67.5 101.3

51 46.4 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 33.239 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

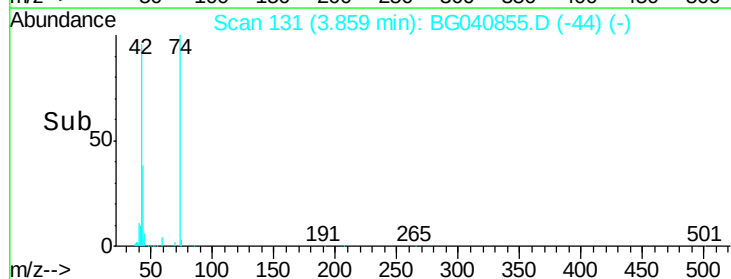
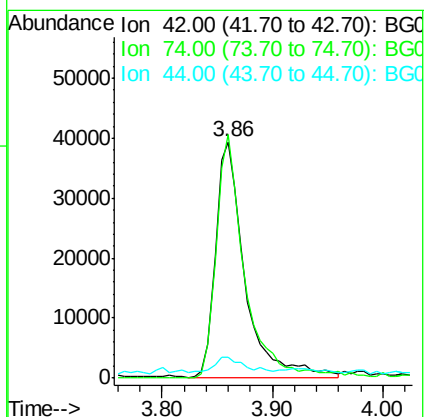
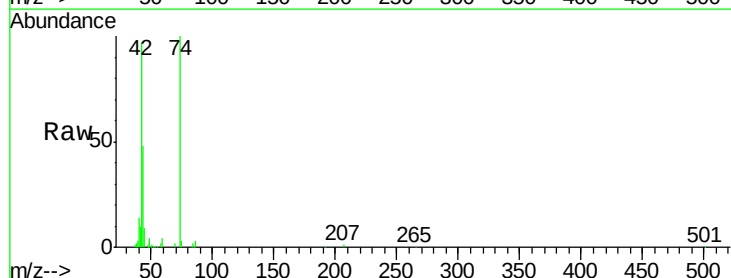
Tgt Ion: 42 Resp: 73138

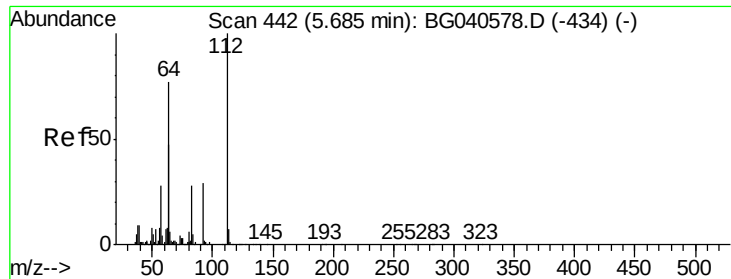
Ion Ratio Lower Upper

42 100

74 103.1 74.6 111.8

44 8.8 7.4 11.0





#5

2-Fluorophenol

Concen: 147.052 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

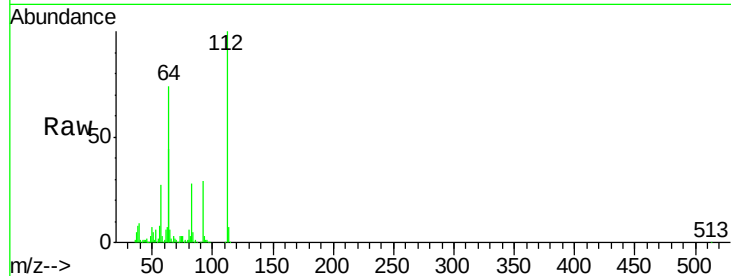
Instrument :

BNA_G

ClientSampleId :

PB119611BS

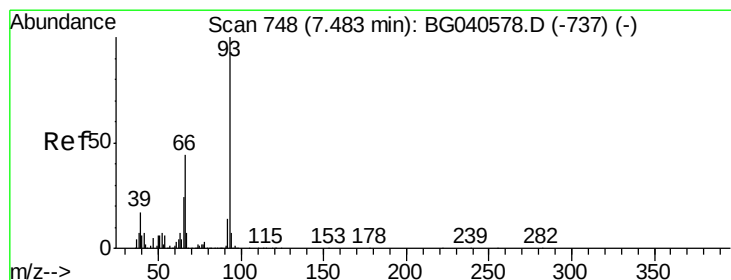
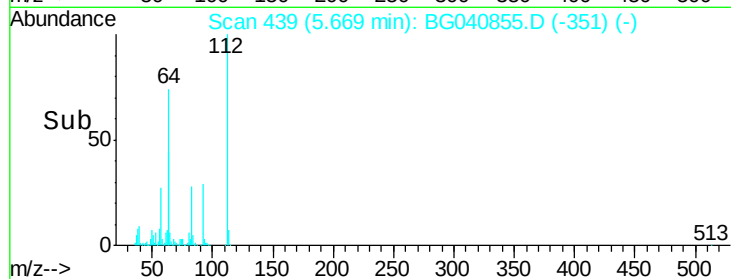
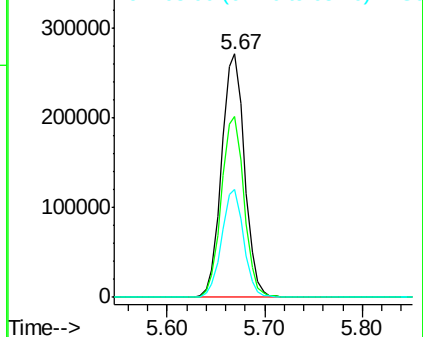
Tgt Ion:	112	Resp:	442534
Ion	Ratio	Lower	Upper
112	100		
64	74.2	61.4	92.0
63	44.3	37.8	56.6



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: 30.177 ng

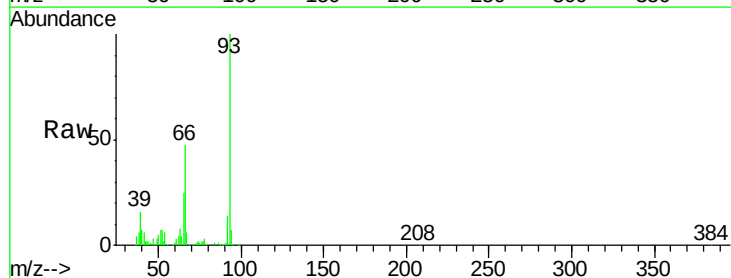
RT: 7.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

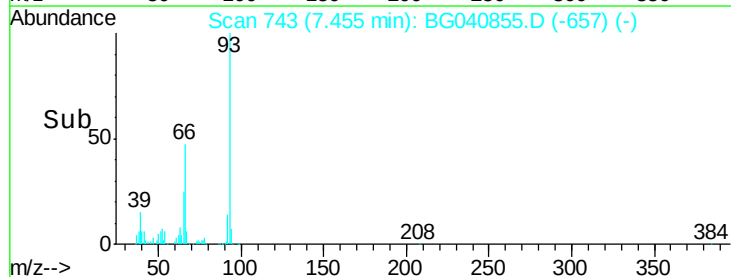
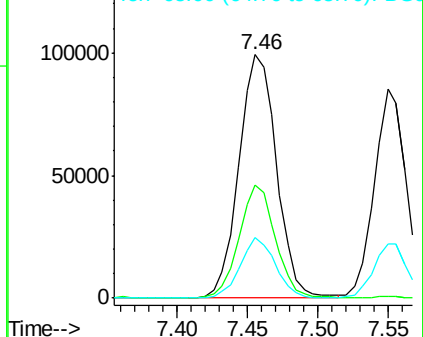
Tgt Ion:	93	Resp:	185334
Ion	Ratio	Lower	Upper
93	100		
66	46.5	35.5	53.3
65	24.9	19.2	28.8

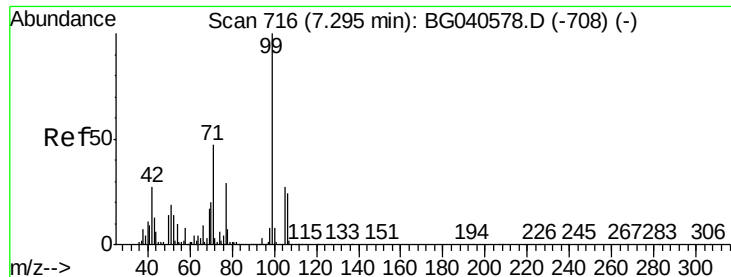


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.192 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

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Acq: 10 May 2019 21:19

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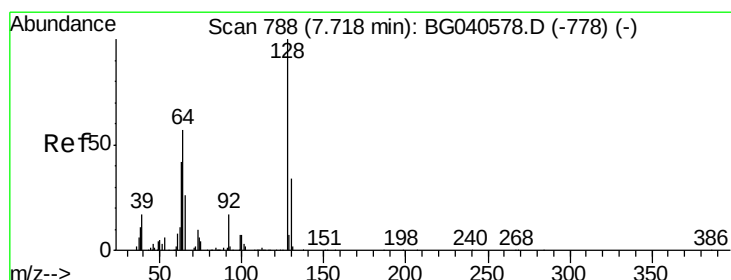
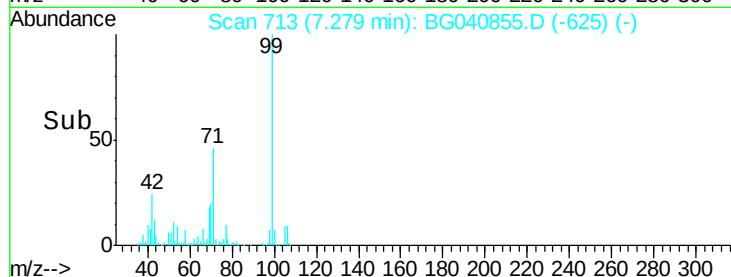
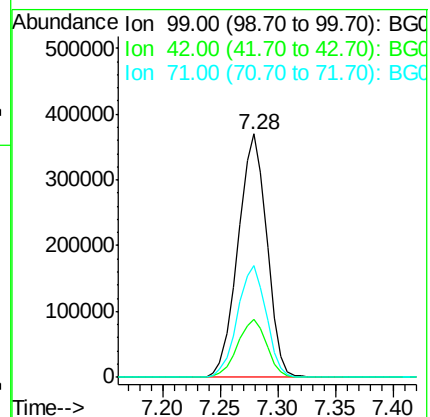
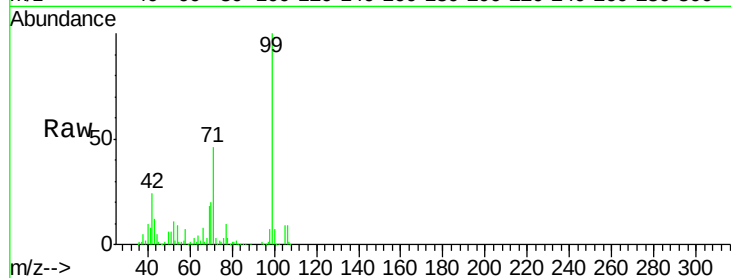
Tgt Ion: 99 Resp: 640323

Ion Ratio Lower Upper

99 100

42 23.8 21.8 32.8

71 45.7 38.6 57.8



#8

2-Chlorophenol

Concen: 39.460 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

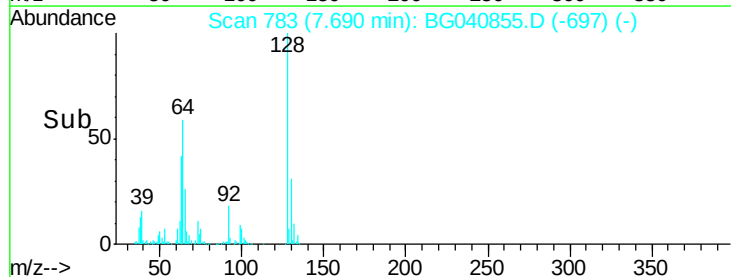
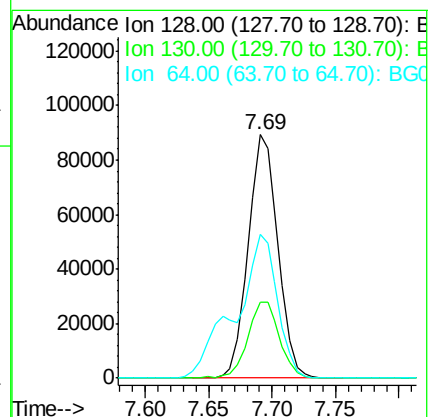
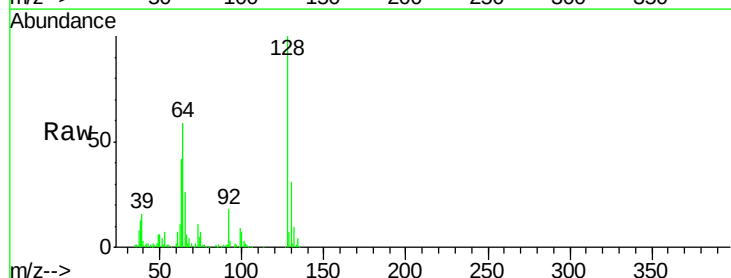
Tgt Ion: 128 Resp: 144998

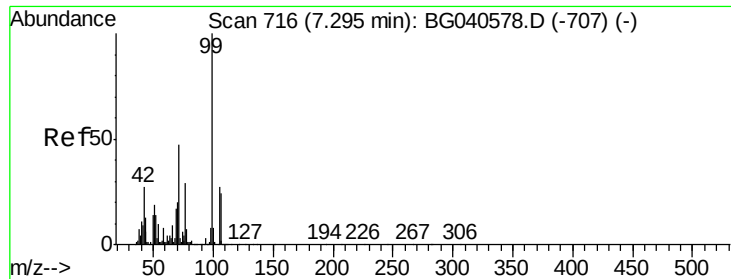
Ion Ratio Lower Upper

128 100

130 31.3 14.5 54.5

64 59.3 38.4 78.4





#9

Benzaldehyde

Concen: 29.614 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

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Acq: 10 May 2019 21:19

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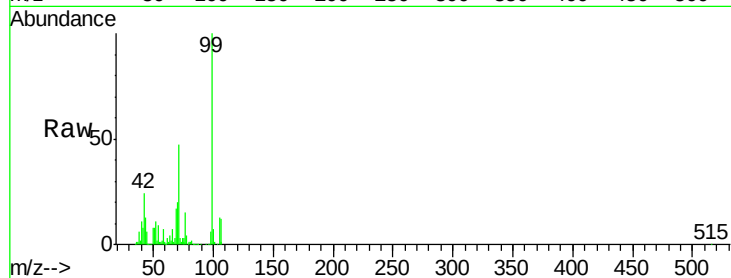
Tgt Ion: 77 Resp: 89086

Ion Ratio Lower Upper

77 100

105 82.8 72.0 112.0

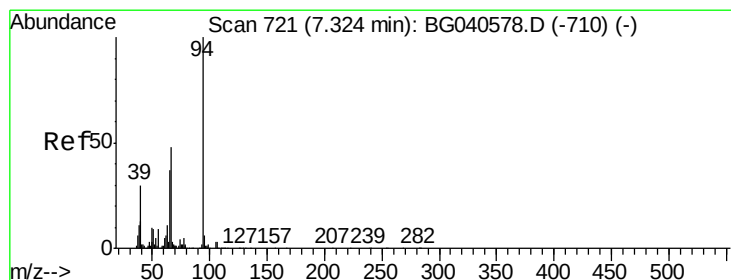
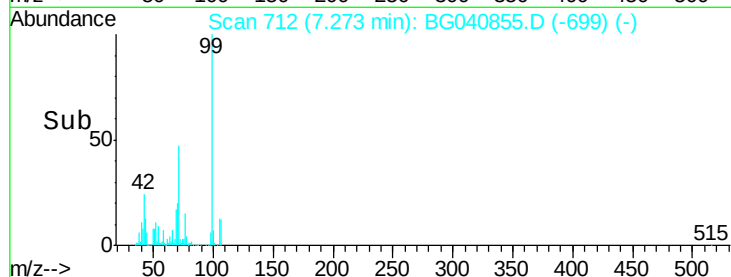
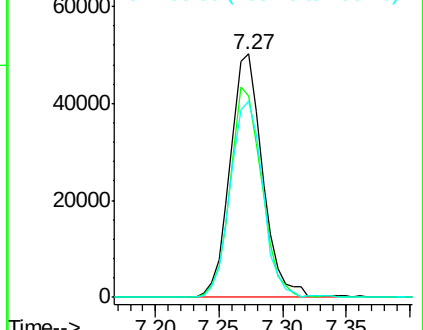
106 80.6 61.2 101.2



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: 39.812 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

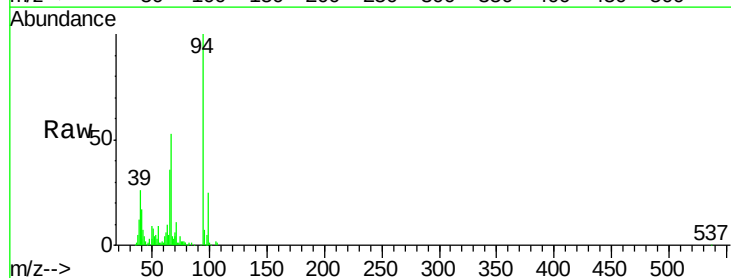
Tgt Ion: 94 Resp: 198298

Ion Ratio Lower Upper

94 100

65 36.2 17.0 57.0

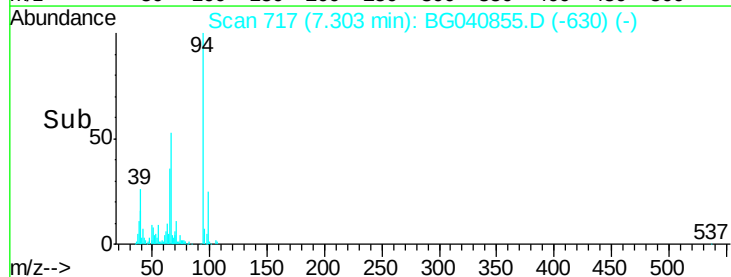
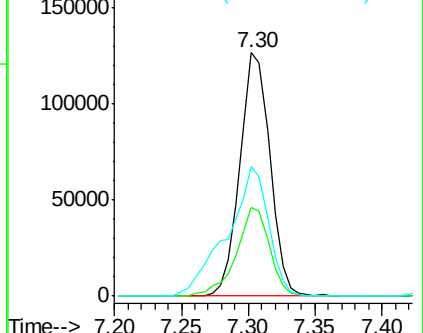
66 53.1 28.6 68.6

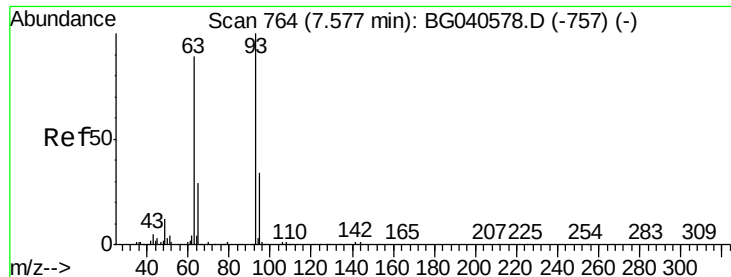


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

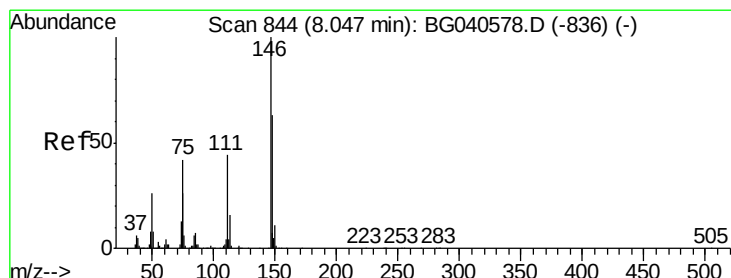
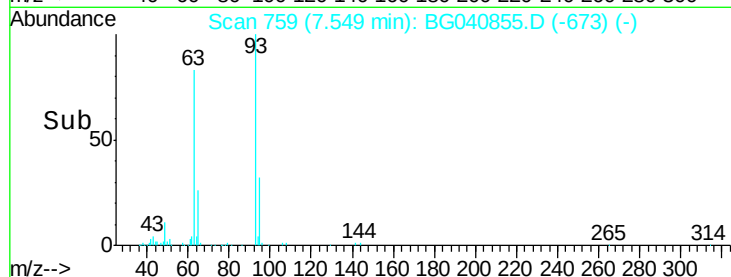
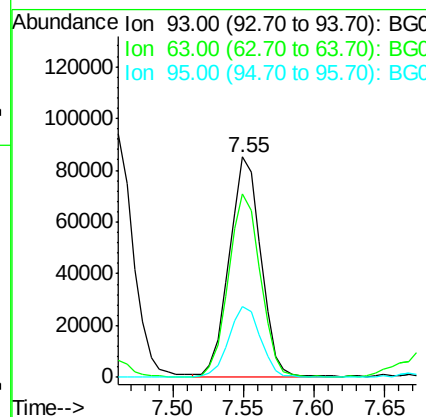
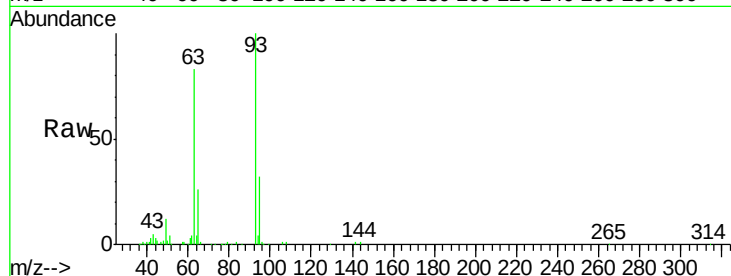




#11
bis(2-Chloroethyl)ether
Concen: 35.455 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

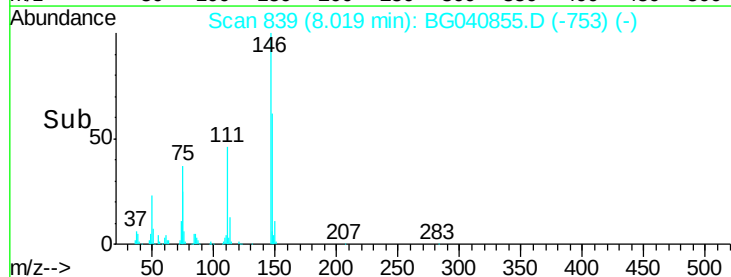
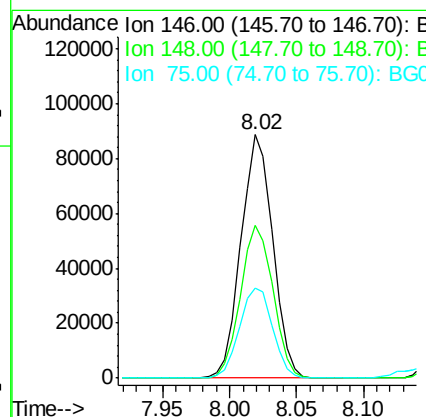
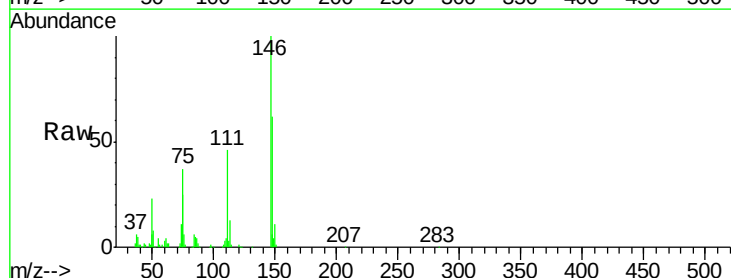
Instrument :
BNA_G
ClientSampleId :
PB119611BS

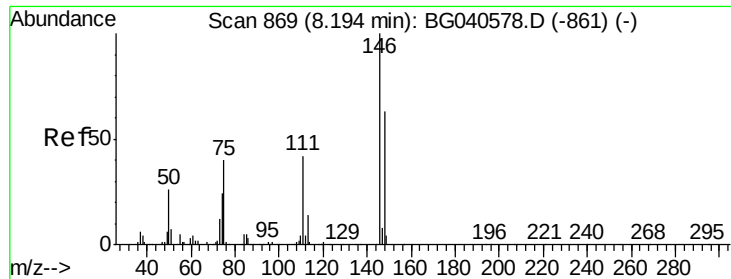
Tgt Ion: 93 Resp: 132428
Ion Ratio Lower Upper
93 100
63 83.4 68.2 108.2
95 32.2 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 36.426 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion: 146 Resp: 146096
Ion Ratio Lower Upper
146 100
148 62.5 50.7 76.1
75 37.2 33.4 50.2

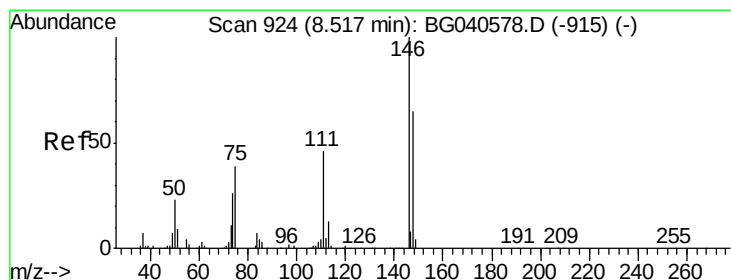
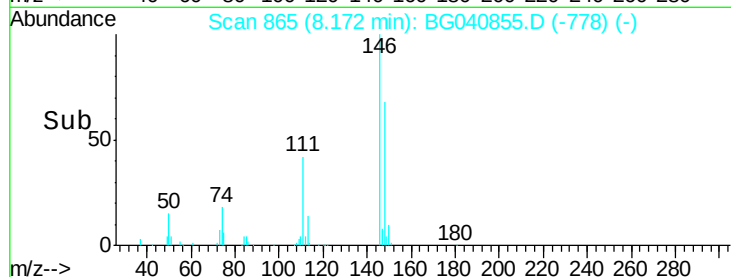
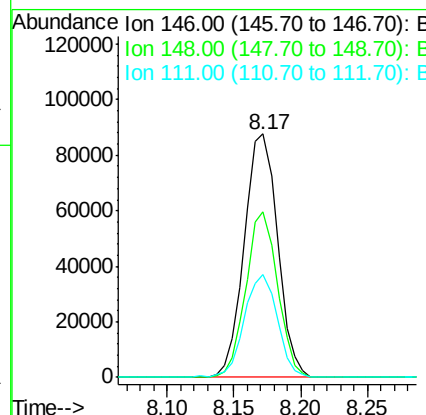
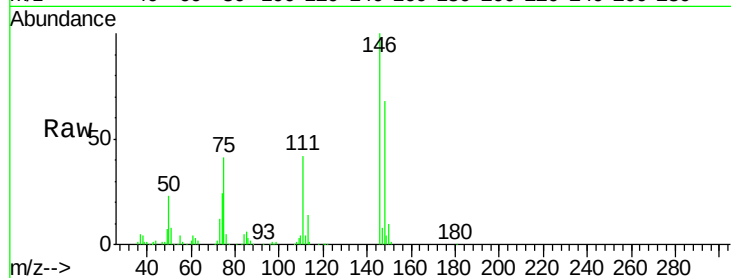




#13
 1,4-Dichlorobenzene
 Concen: 37.192 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

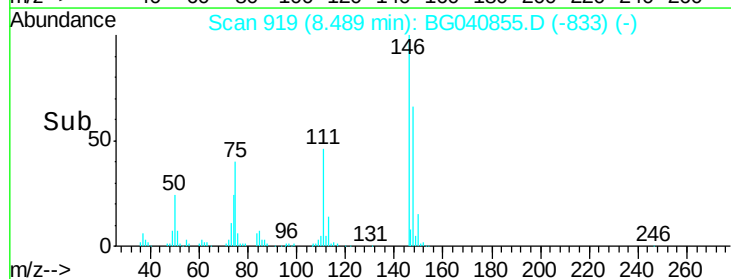
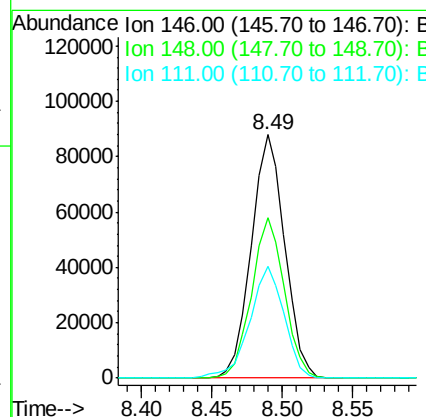
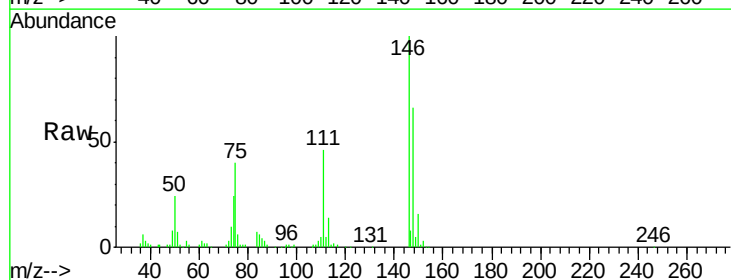
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

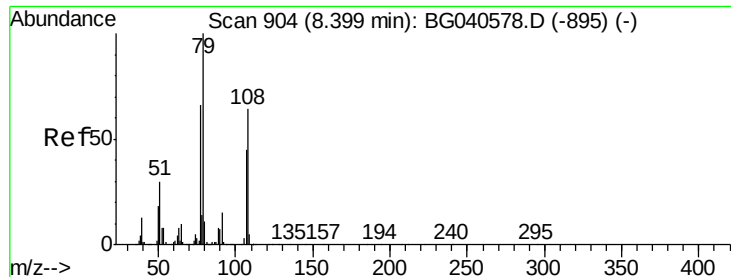
Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.6	75.8
111	42.1	34.3	51.5



#14
 1,2-Dichlorobenzene
 Concen: 37.285 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.4
111	45.7	37.4	56.0





#15

Benzyl Alcohol

Concen: 34.708 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

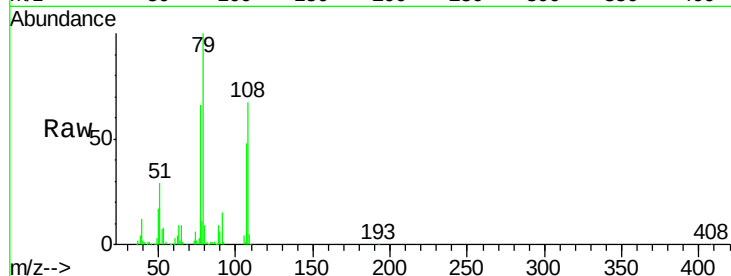
Tgt Ion: 79 Resp: 167334

Ion Ratio Lower Upper

79 100

108 66.9 51.4 77.0

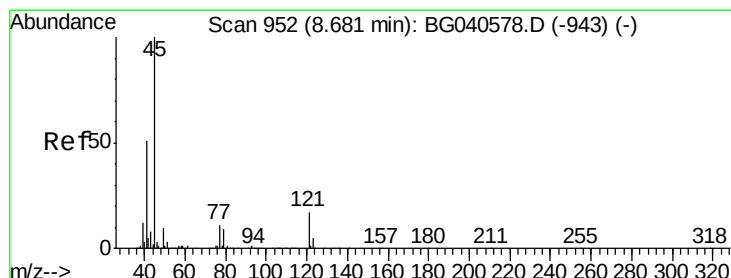
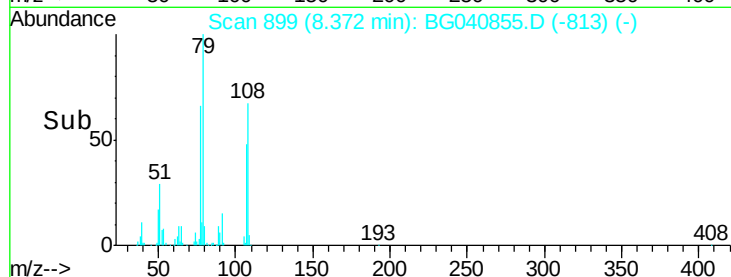
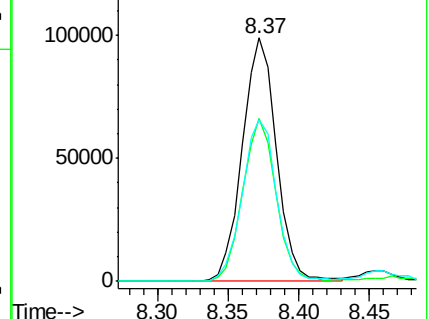
77 66.3 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.584 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

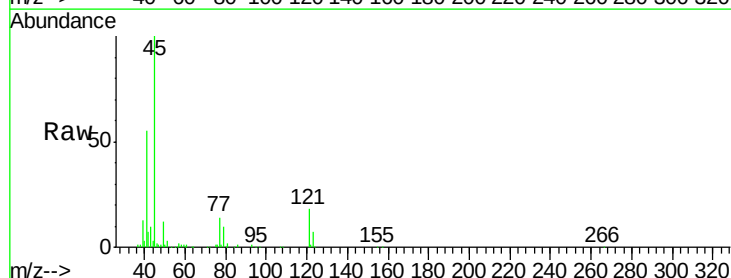
Tgt Ion: 45 Resp: 219992

Ion Ratio Lower Upper

45 100

77 13.7 0.0 31.5

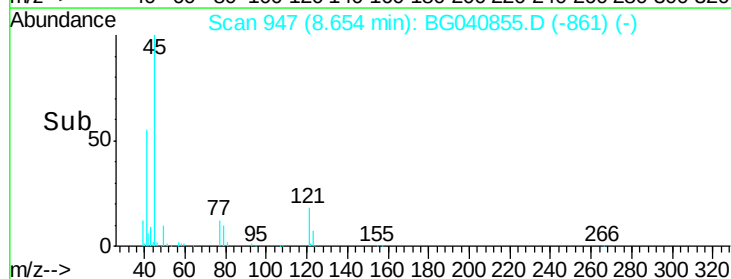
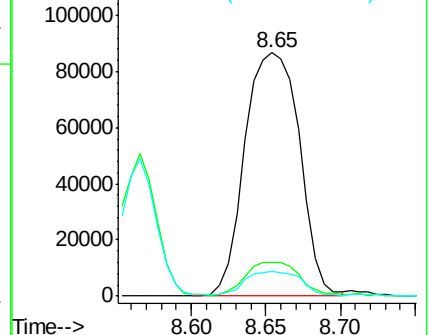
79 10.4 0.0 29.4

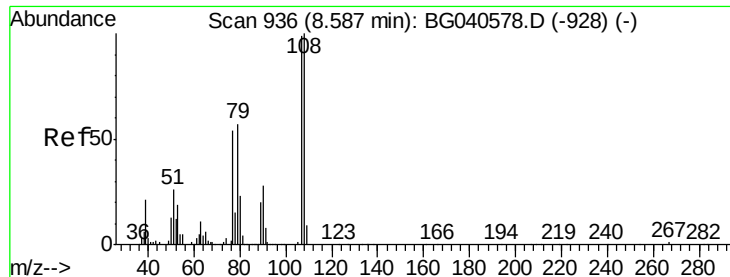


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.480 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

Tgt Ion:107 Resp: 139164

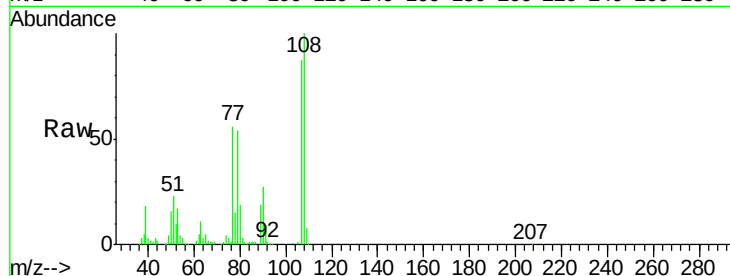
Ion Ratio Lower Upper

107 100

108 114.4 81.2 121.8

77 63.9 44.4 66.6

79 61.4 47.0 70.4

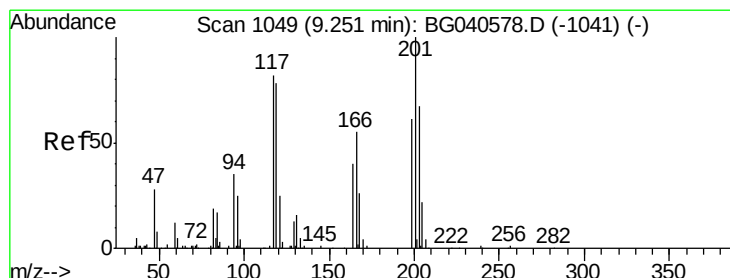
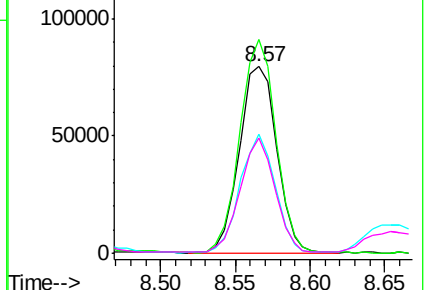
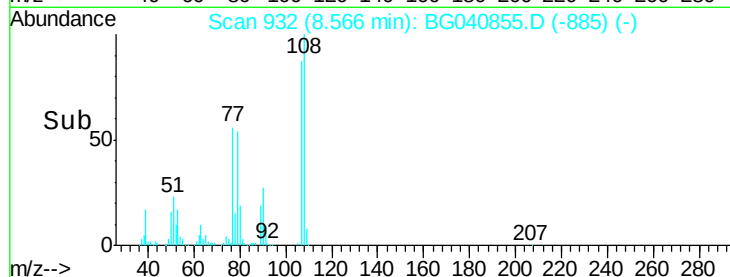


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.521 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

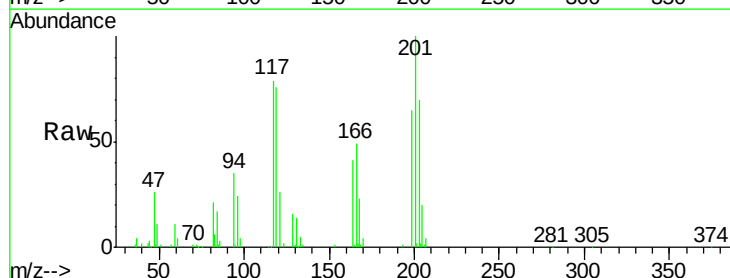
Tgt Ion:117 Resp: 57575

Ion Ratio Lower Upper

117 100

119 96.3 76.6 114.8

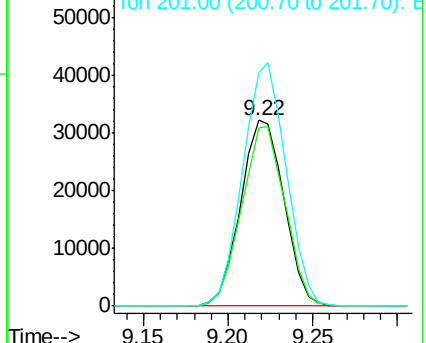
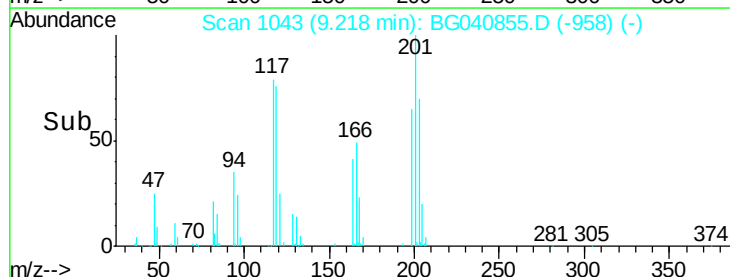
201 128.8 101.0 151.6

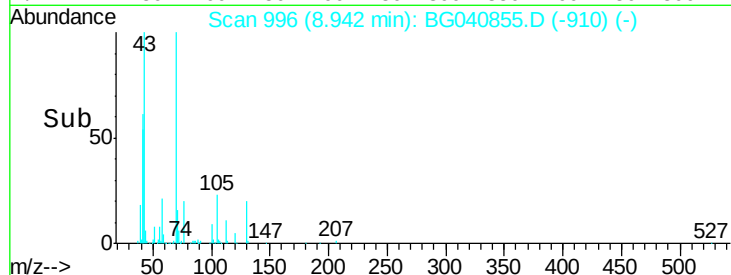
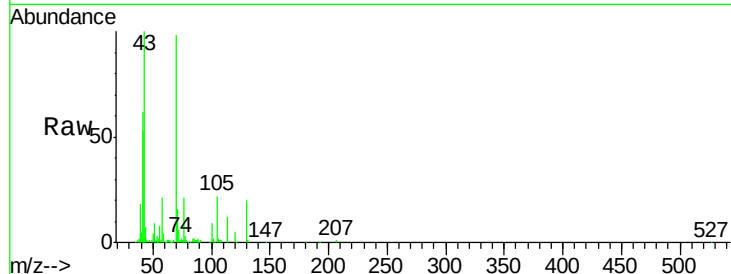
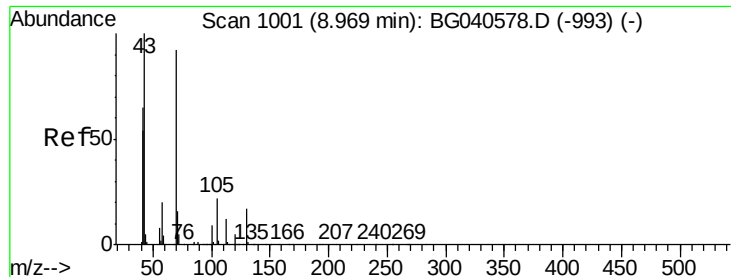


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

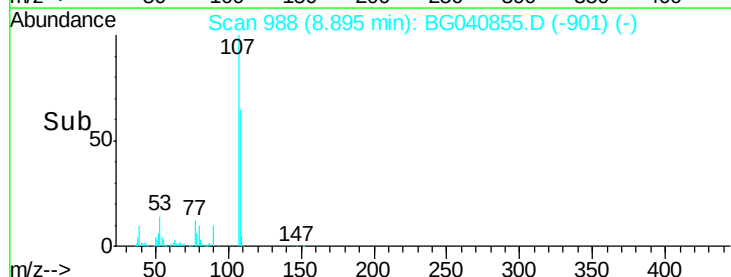
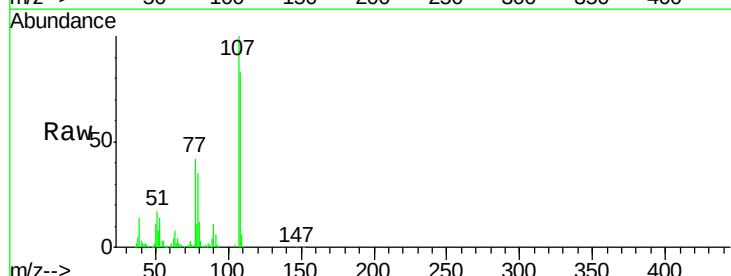
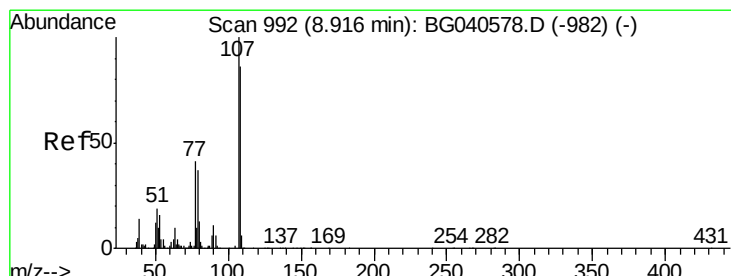
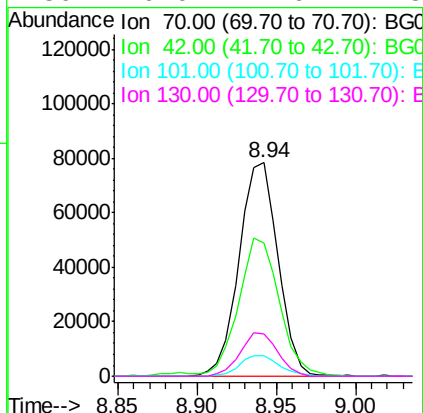




#19
n-Nitroso-di-n-propylamine
Concen: 32.093 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

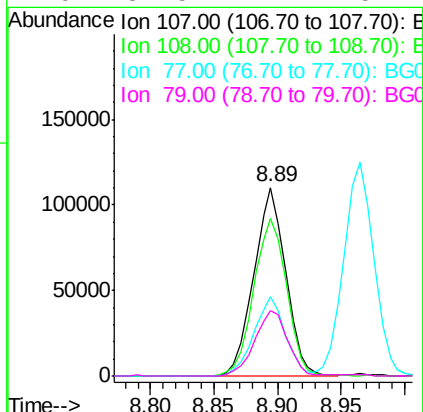
Instrument :
BNA_G
ClientSampleId :
PB119611BS

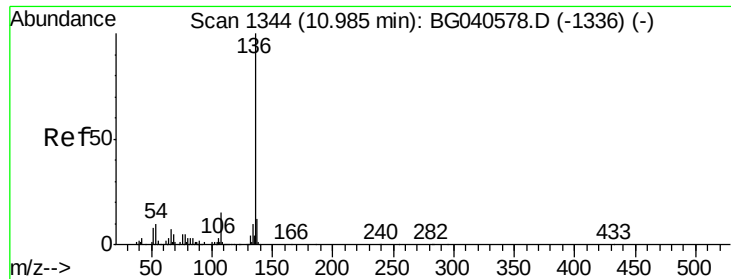
Tgt Ion:	70	Resp:	133861
Ion	Ratio	Lower	Upper
70	100		
42	62.6	57.1	85.7
101	9.4	7.8	11.8
130	20.0	14.6	21.8



#20
3+4-Methylphenols
Concen: 39.375 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:	107	Resp:	193347
Ion	Ratio	Lower	Upper
107	100		
108	83.2	66.1	106.1
77	42.2	21.6	61.6
79	34.5	17.4	57.4

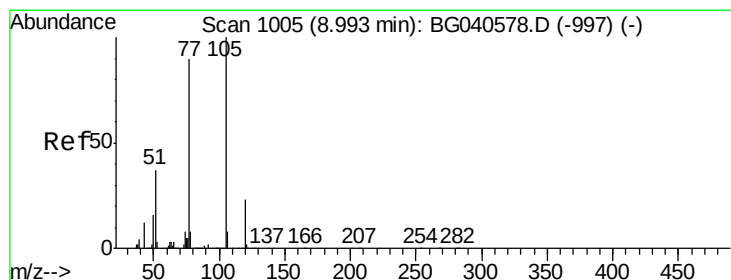
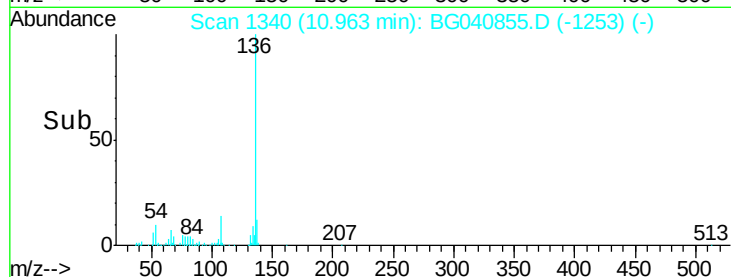
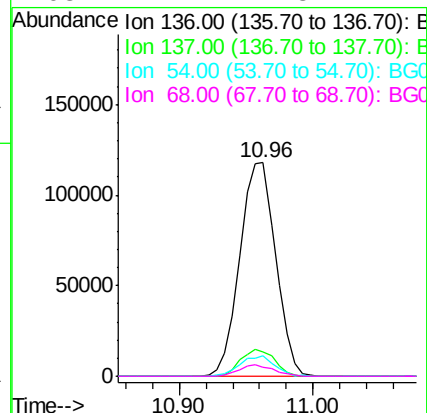
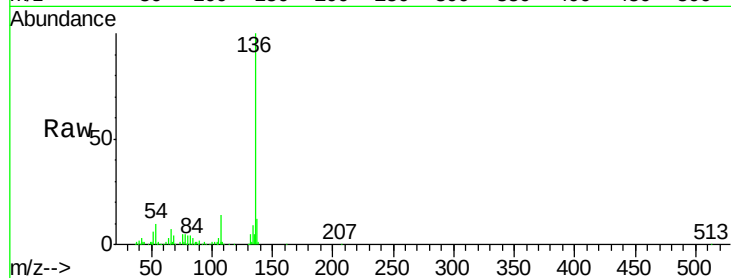




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

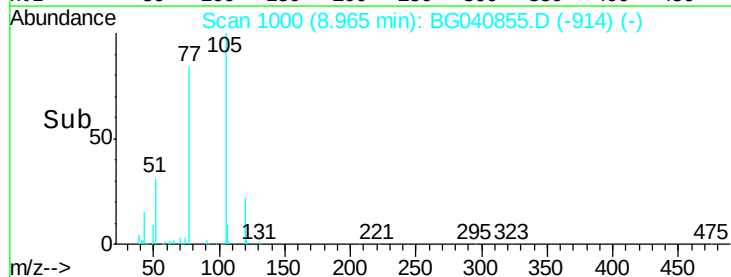
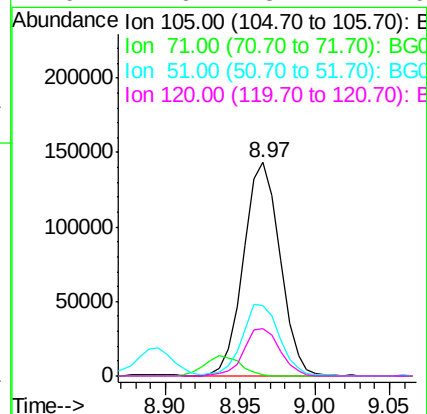
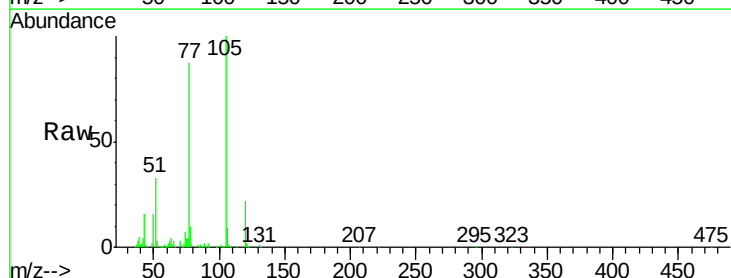
Instrument :
BNA_G
ClientSampleId :
PB119611BS

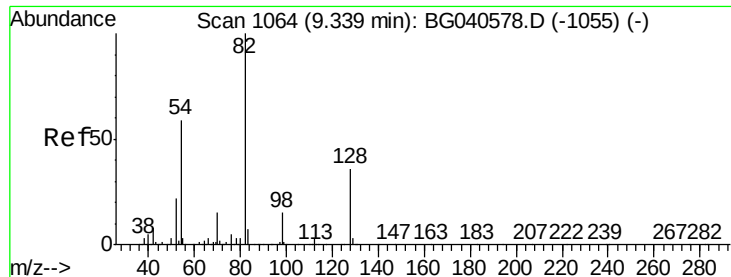
Tgt Ion:	136	Resp:	218777
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	9.9	8.6	12.8
68	4.4	4.8	7.2#



#22
Acetophenone
Concen: 39.620 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:	105	Resp:	241036
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.8	2.8#
51	33.1	29.8	44.8
120	21.9	18.4	27.6





#23

Nitrobenzene-d5

Concen: 80.824 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampled :

PB119611BS

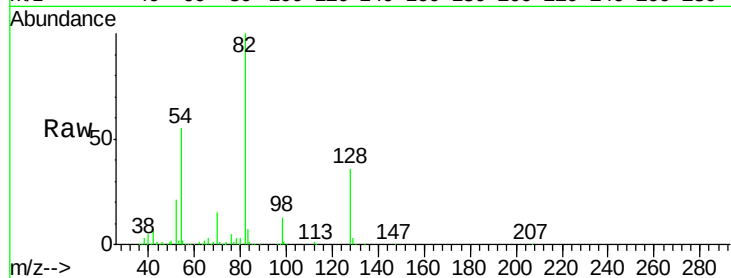
Tgt Ion: 82 Resp: 382684

Ion Ratio Lower Upper

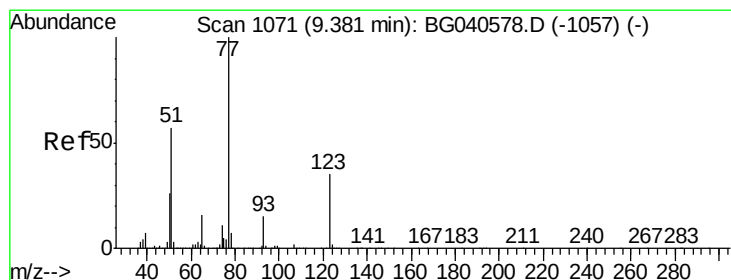
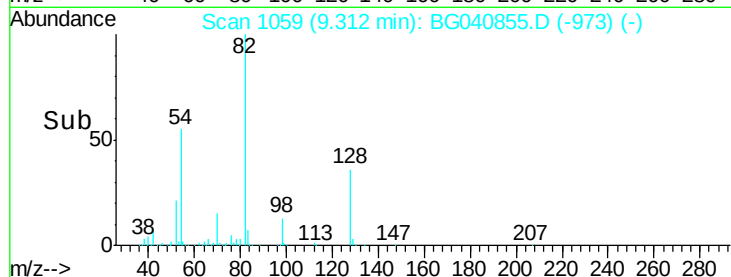
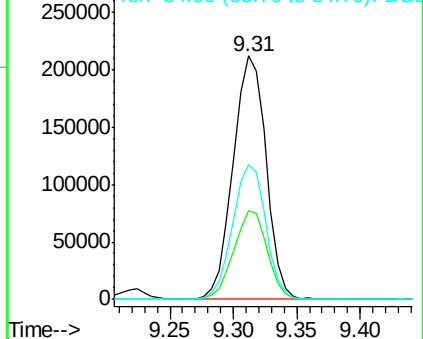
82 100

128 36.4 28.9 43.3

54 55.1 47.2 70.8



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



#24

Nitrobenzene

Concen: 39.500 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

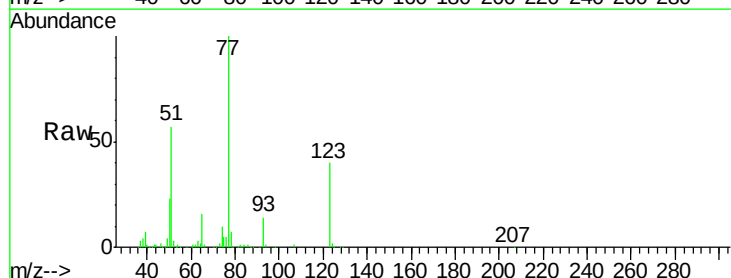
Tgt Ion: 77 Resp: 199543

Ion Ratio Lower Upper

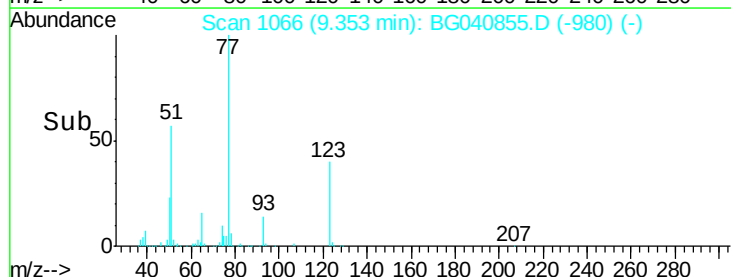
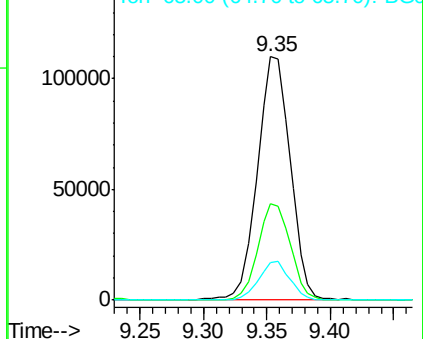
77 100

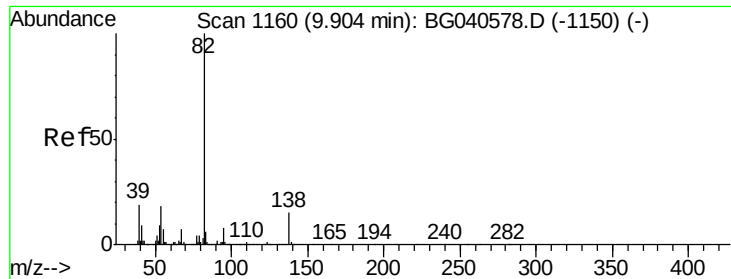
123 39.5 27.8 41.6

65 15.6 12.4 18.6



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





#25

Isophorone

Concen: 36.516 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

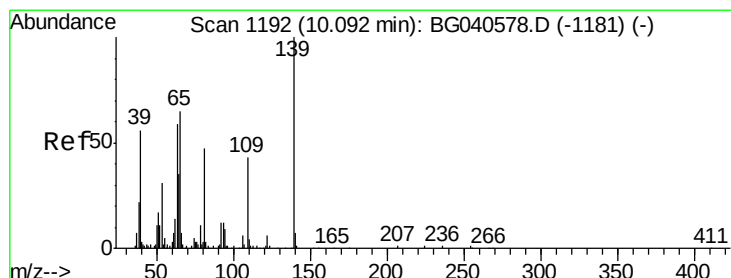
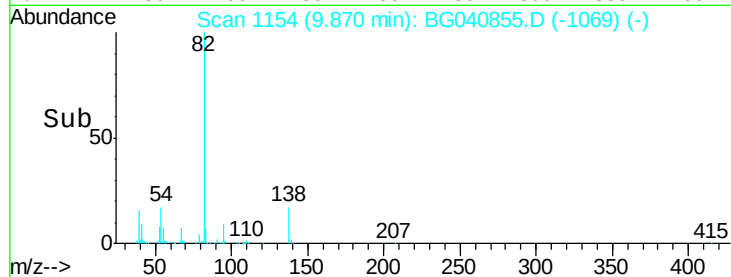
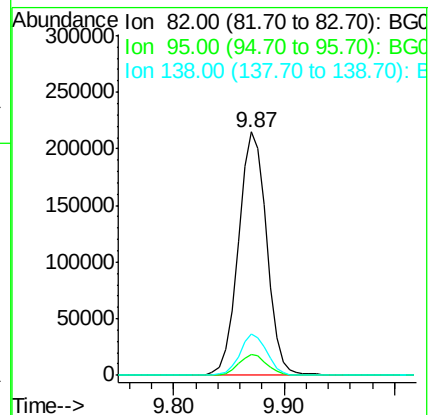
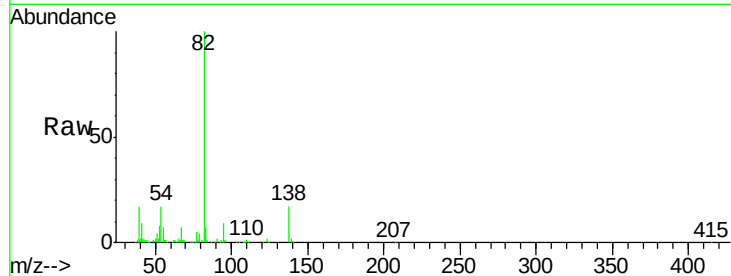
Tgt Ion: 82 Resp: 385129

Ion Ratio Lower Upper

82 100

95 8.7 6.9 10.3

138 17.2 12.3 18.5



#26

2-Nitrophenol

Concen: 47.538 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

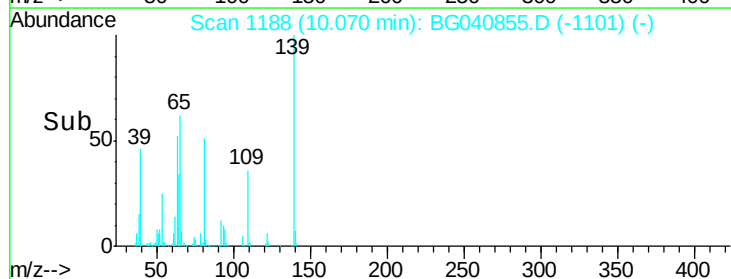
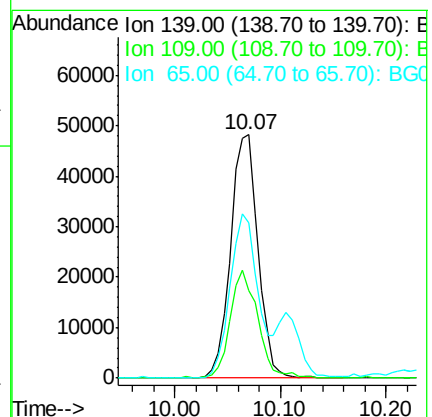
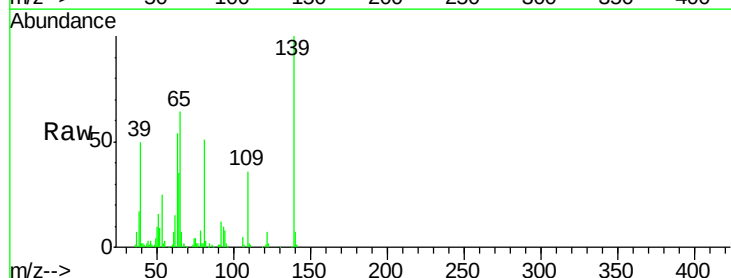
Tgt Ion: 139 Resp: 86084

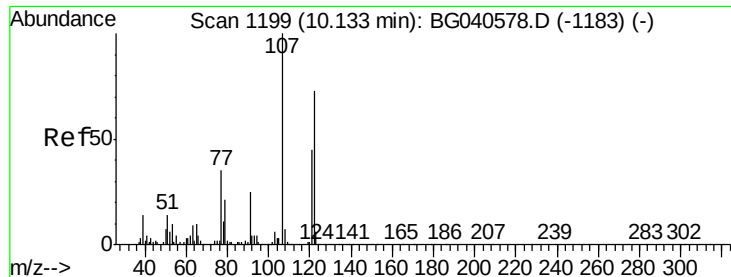
Ion Ratio Lower Upper

139 100

109 35.7 35.6 53.4

65 63.8 52.3 78.5

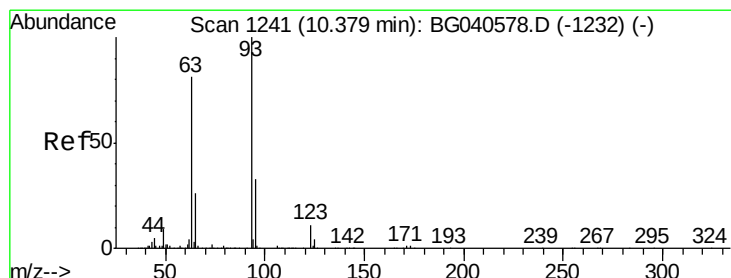
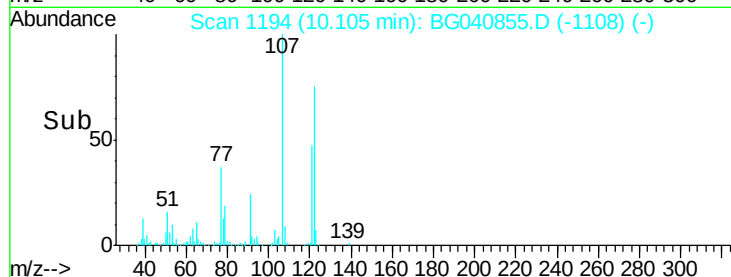
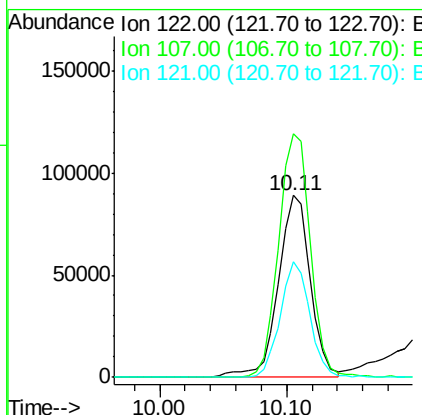
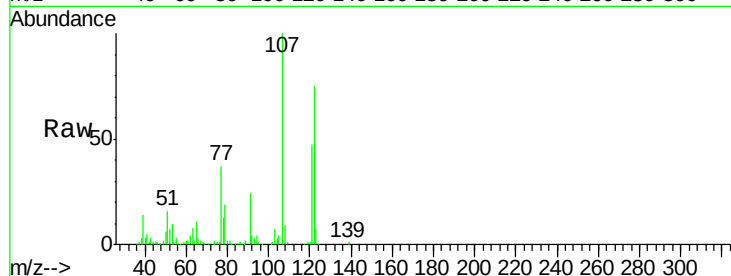




#27
 2,4-Dimethylphenol
 Concen: 45.990 ng
 RT: 10.11 min Scan# 1194
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

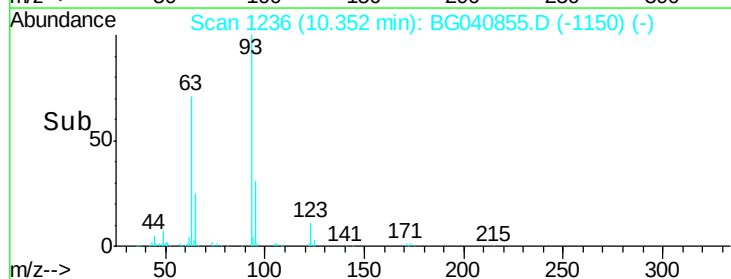
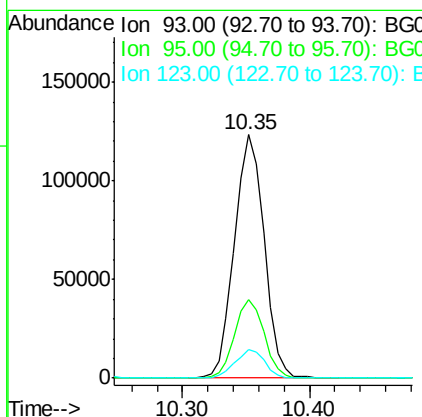
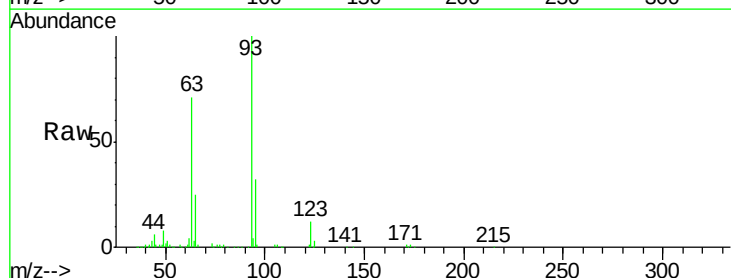
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

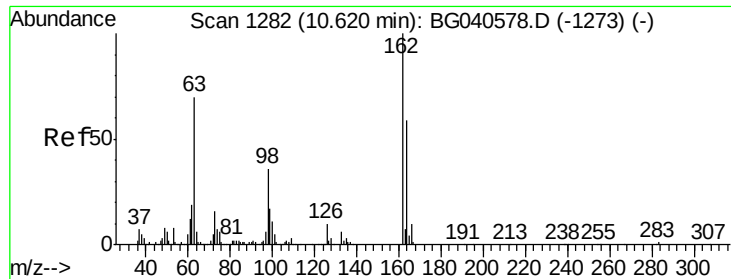
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.9	110.1	165.1
121	63.3	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.862 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	11.9	9.0	13.4

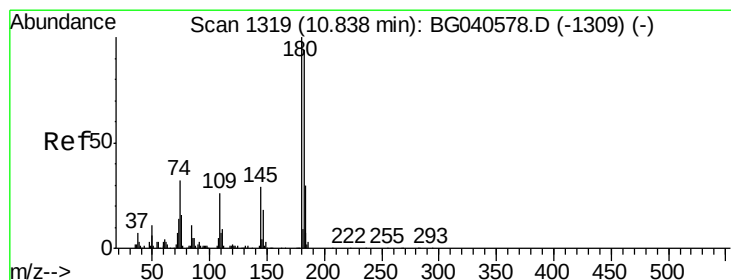
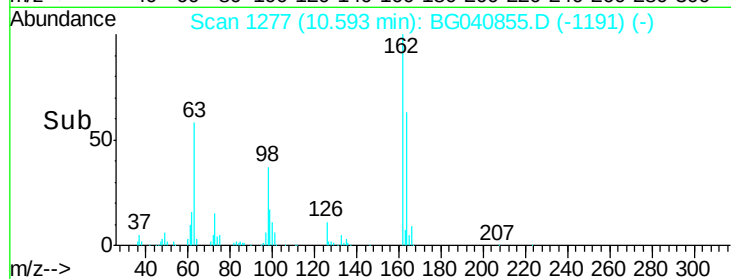
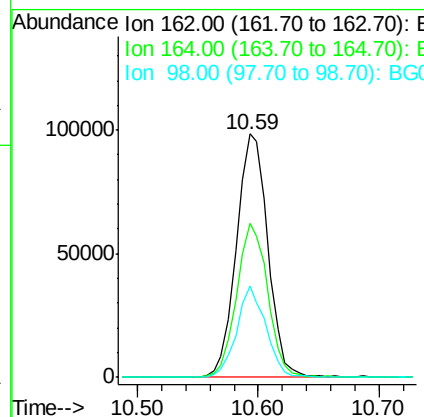
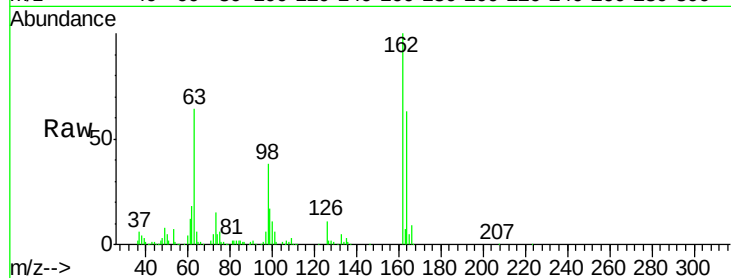




#29
 2,4-Dichlorophenol
 Concen: 46.149 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

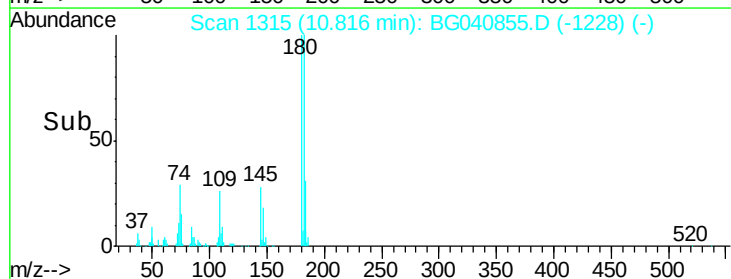
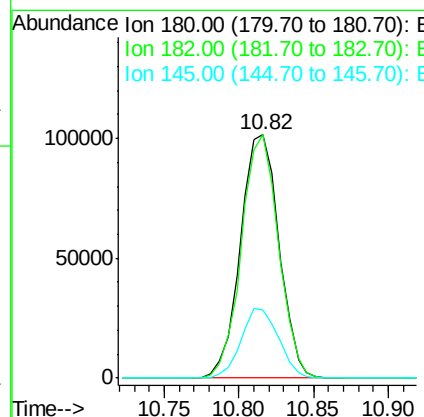
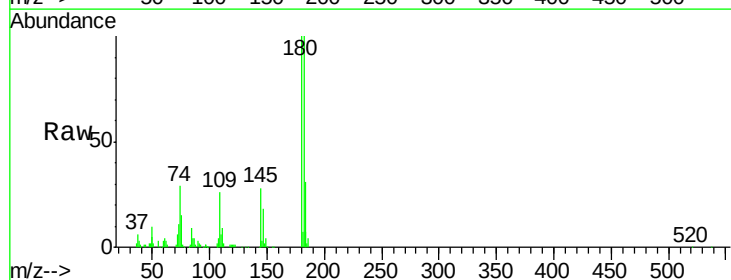
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

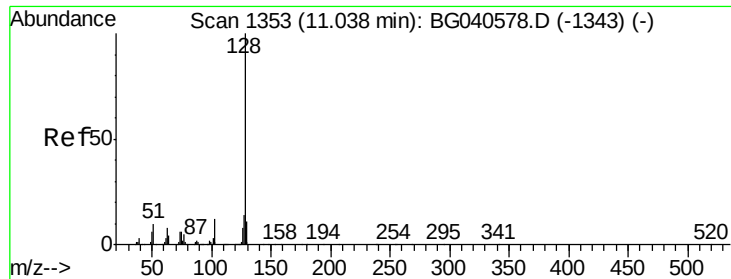
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	38.9	78.9
98	37.5	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.442 ng
 RT: 10.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	75.2	112.8
145	28.1	23.6	35.4

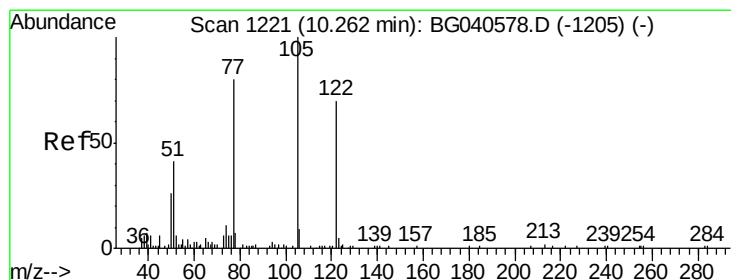
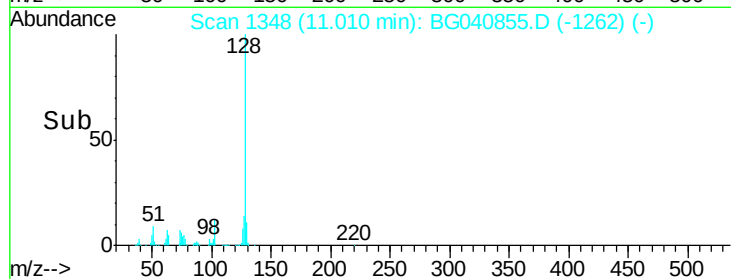
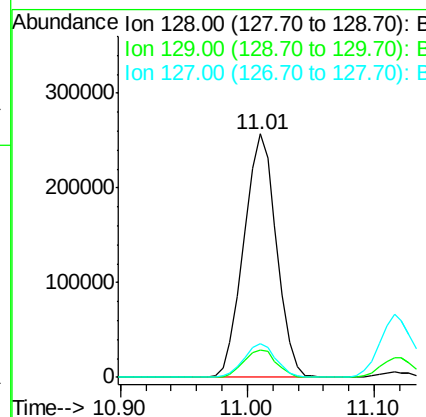
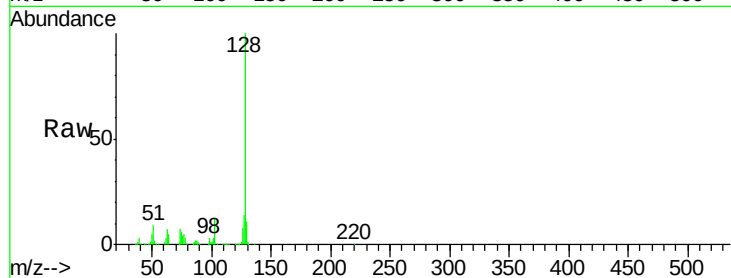




#31
Naphthalene
Concen: 39.448 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

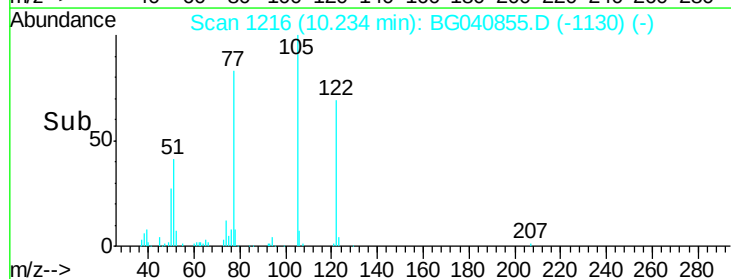
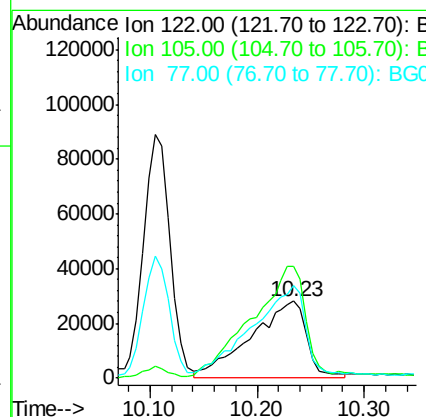
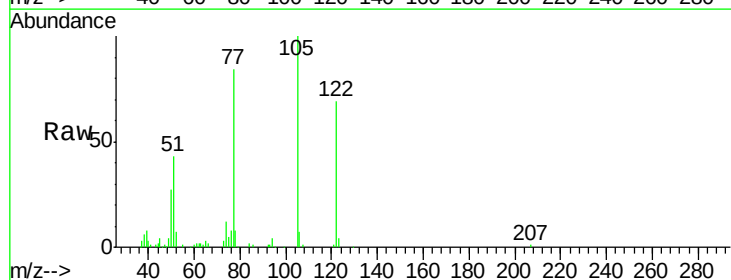
Instrument :
BNA_G
ClientSampleId :
PB119611BS

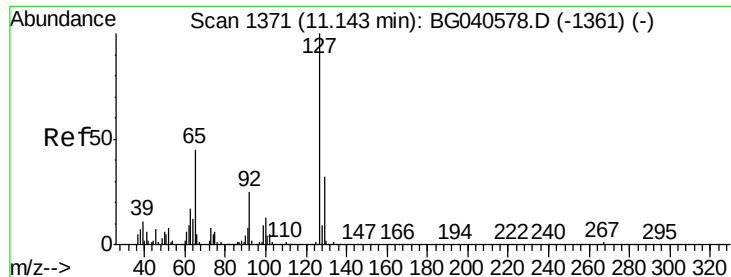
Tgt Ion:	128	Resp:	458507
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.9	11.3	16.9



#32
Benzoic acid
Concen: 44.124 ng m
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:	122	Resp:	102629
Ion	Ratio	Lower	Upper
122	100		
105	144.8	110.9	150.9
77	121.2	87.6	127.6

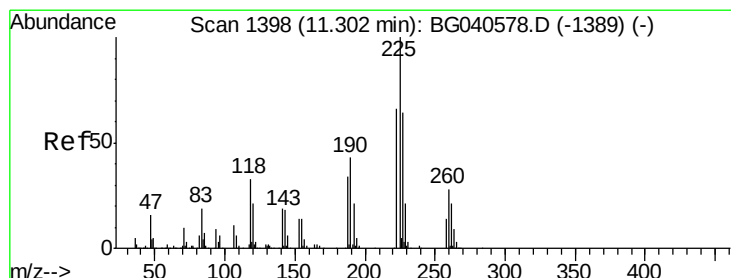
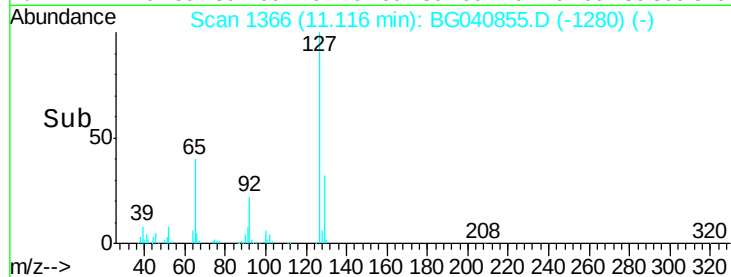
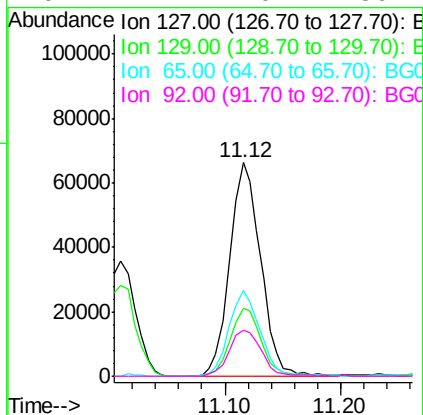
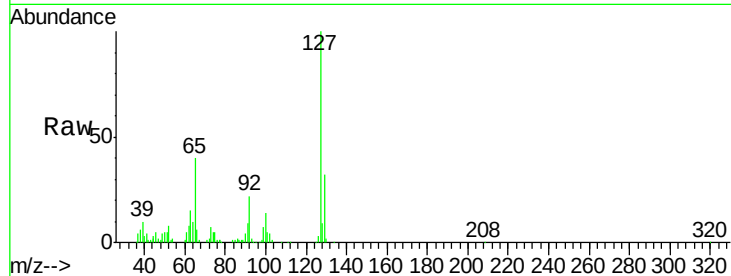




#33
4-Chloroaniline
Concen: 23.891 ng
RT: 11.12 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

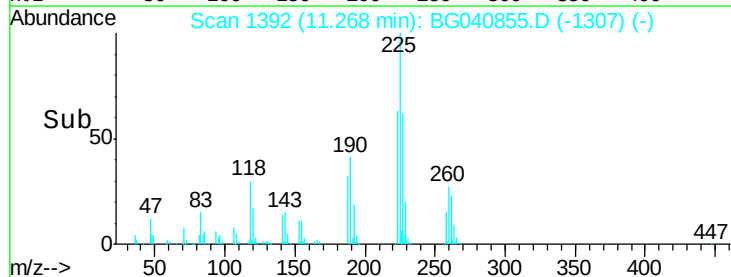
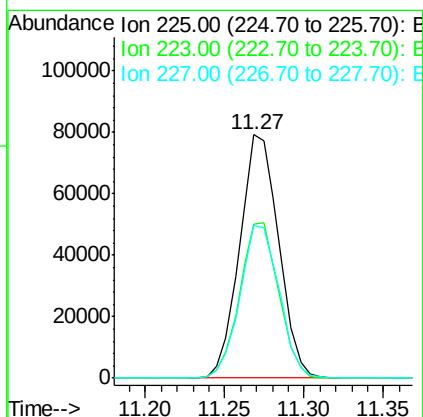
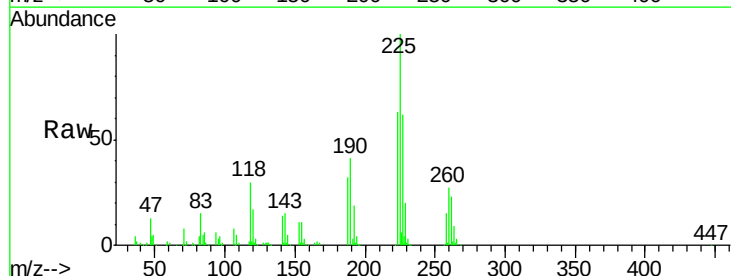
Instrument :
BNA_G
ClientSampleId :
PB119611BS

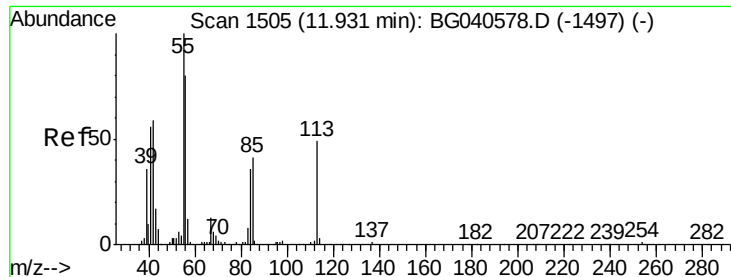
Tgt Ion:	127	Resp:	123117
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	40.2	36.1	54.1
92	21.7	20.1	30.1



#34
Hexachlorobutadiene
Concen: 42.745 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:	225	Resp:	135175
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	62.5	51.0	76.6





#35

Caprolactam

Concen: 38.586 ng m

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

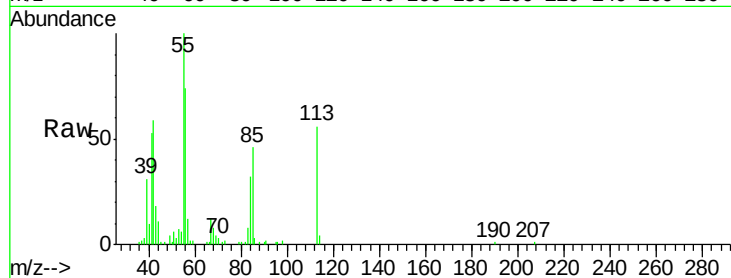
Tgt Ion:113 Resp: 58844

Ion Ratio Lower Upper

113 100

55 178.0 198.6 238.6#

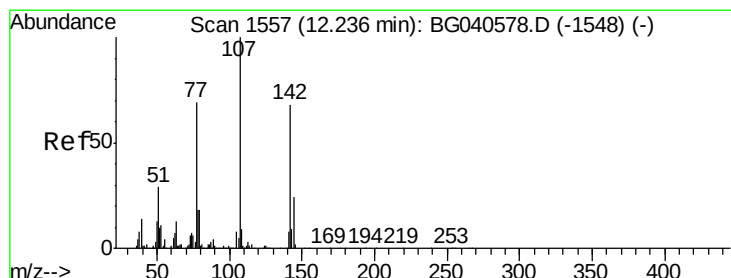
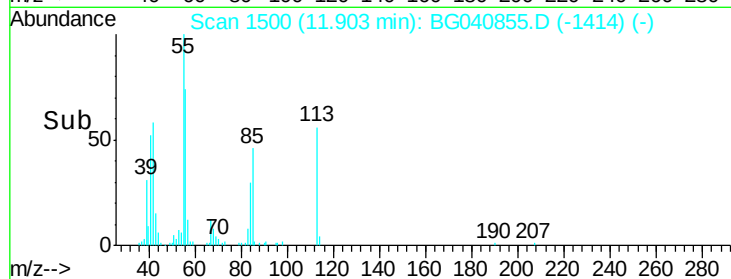
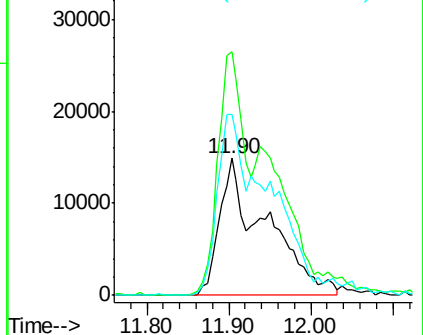
56 132.4 148.4 188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.636 ng

RT: 12.21 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

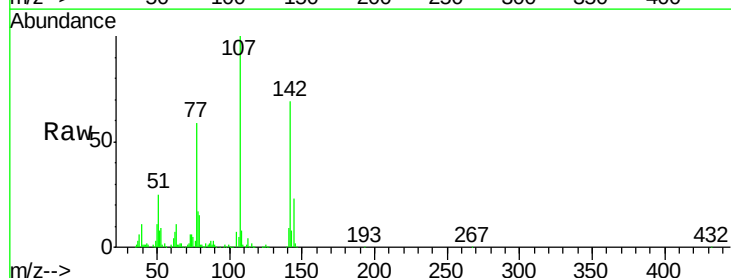
Tgt Ion:107 Resp: 202883

Ion Ratio Lower Upper

107 100

144 23.5 19.3 28.9

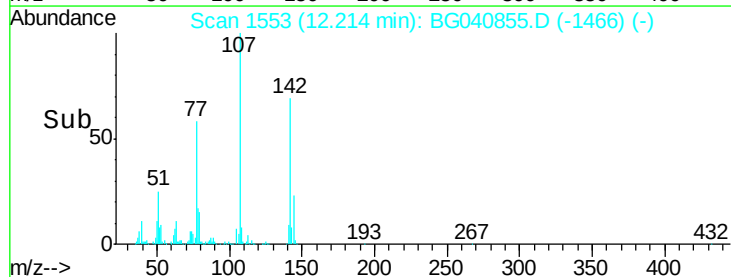
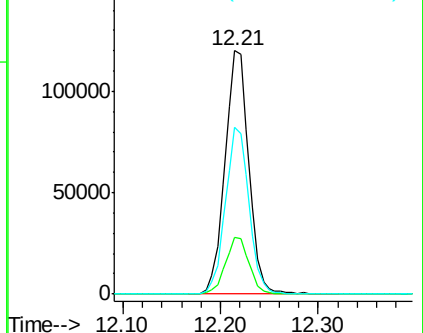
142 68.8 54.6 81.8

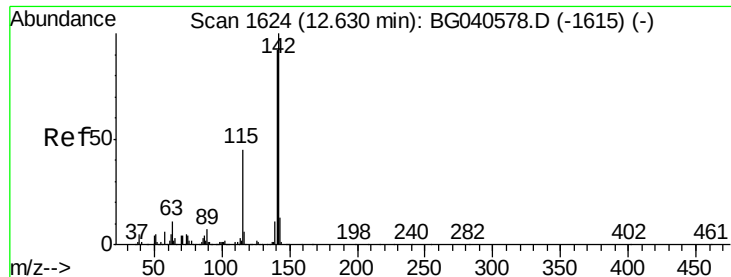


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

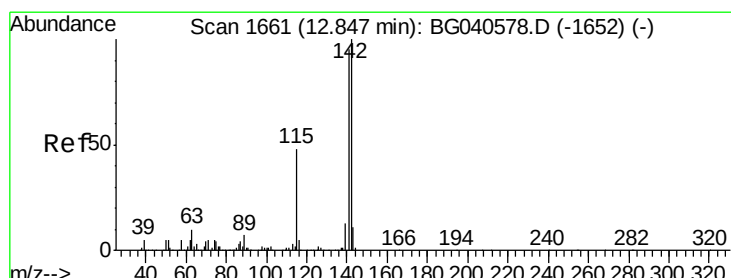
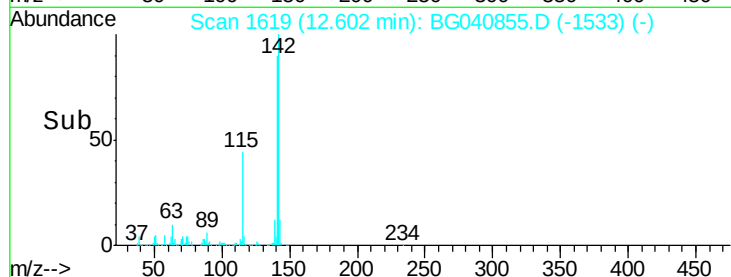
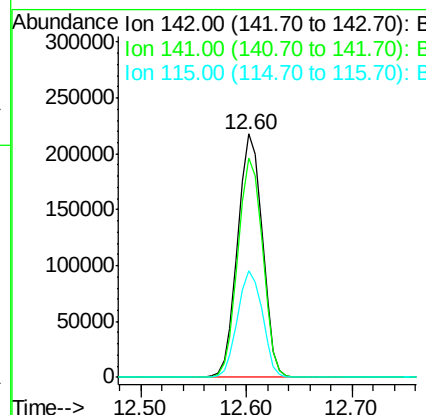
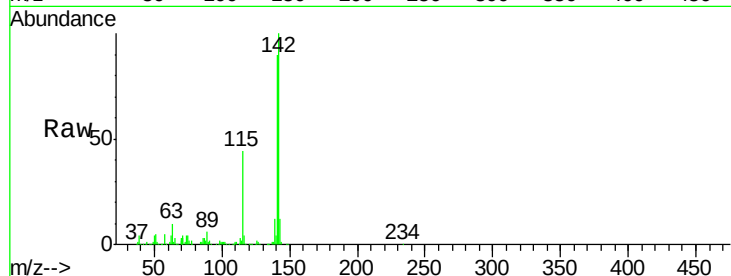




#37
 2-Methylnaphthalene
 Concen: 40.544 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

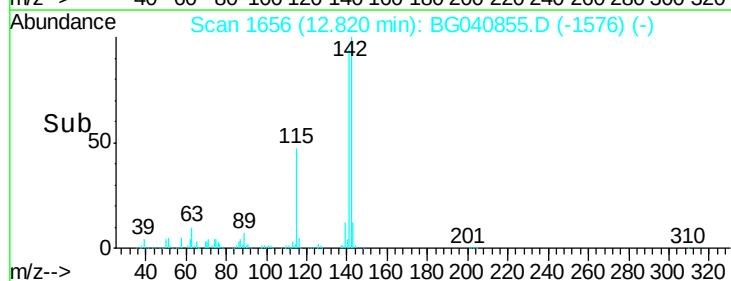
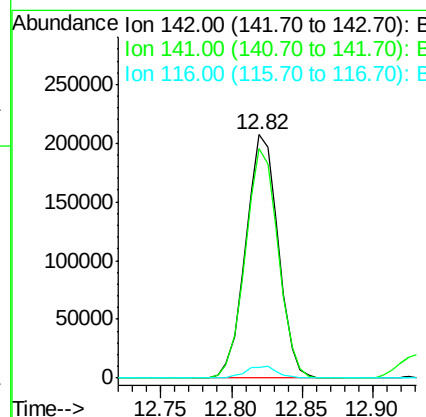
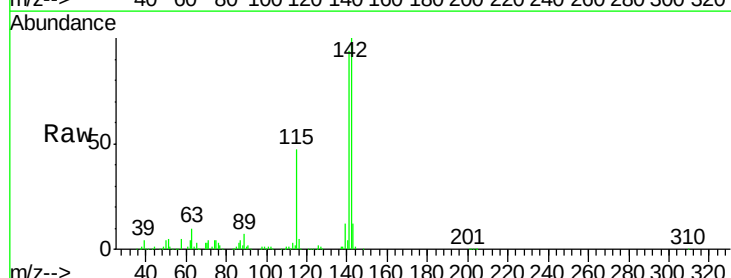
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

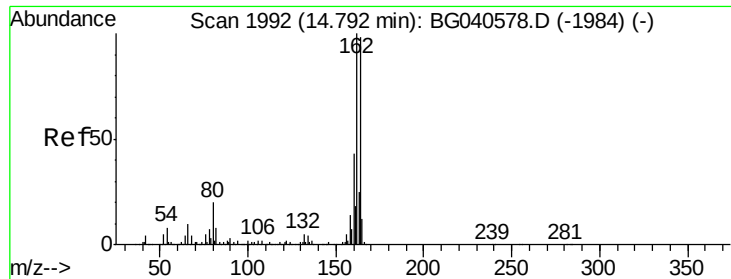
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.2
115	43.9	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 39.308 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.9	113.9
116	4.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

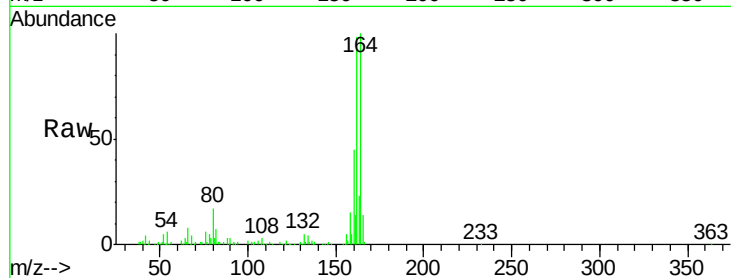
Tgt Ion:164 Resp: 162885

Ion Ratio Lower Upper

164 100

162 98.2 81.9 122.9

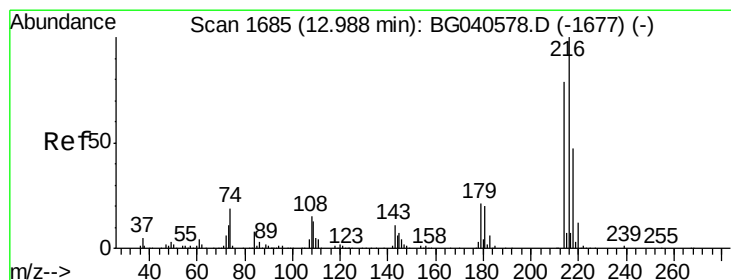
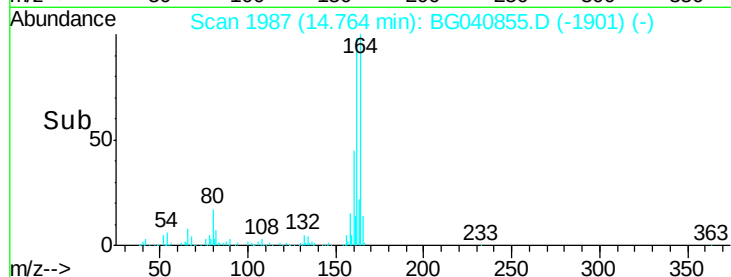
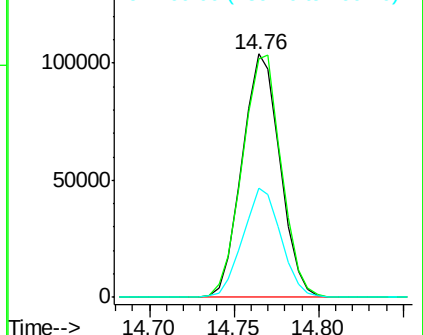
160 45.0 35.4 53.2



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: 40.792 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Tgt Ion:216 Resp: 247518

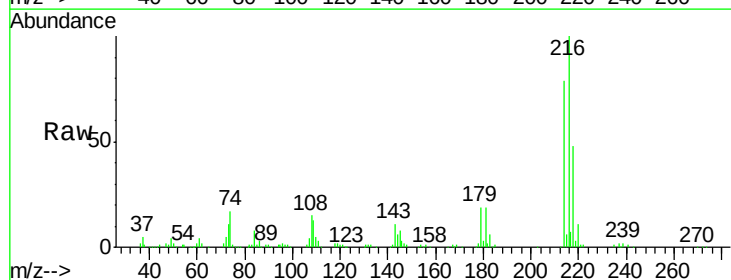
Ion Ratio Lower Upper

216 100

214 79.4 63.7 95.5

179 19.2 16.6 24.8

108 17.5 14.7 22.1

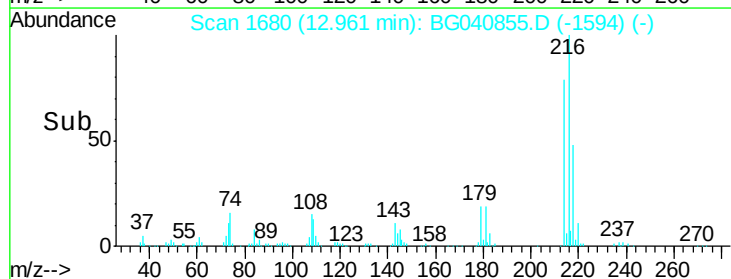
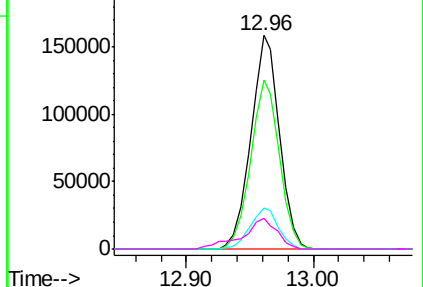


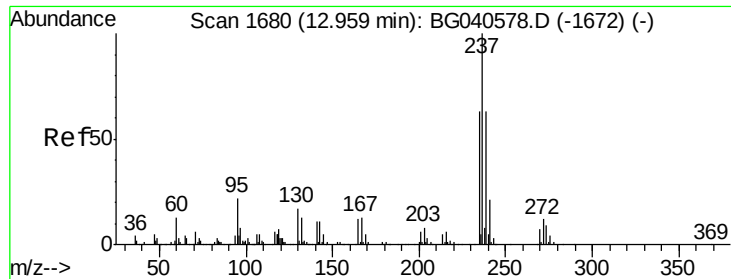
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

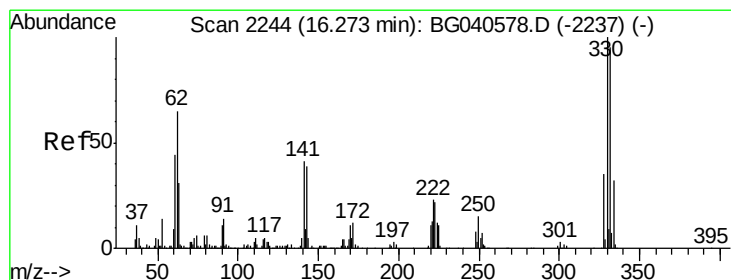
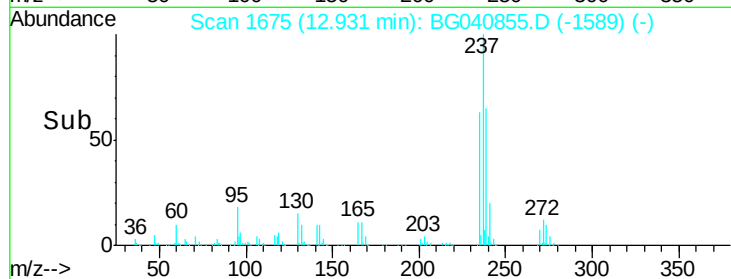
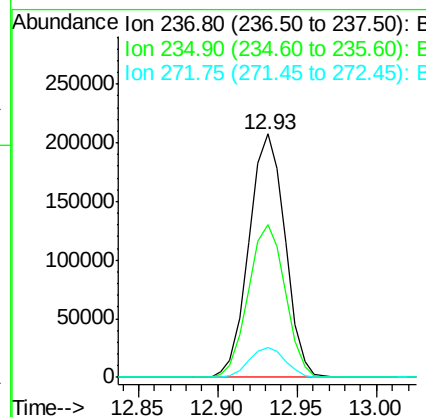
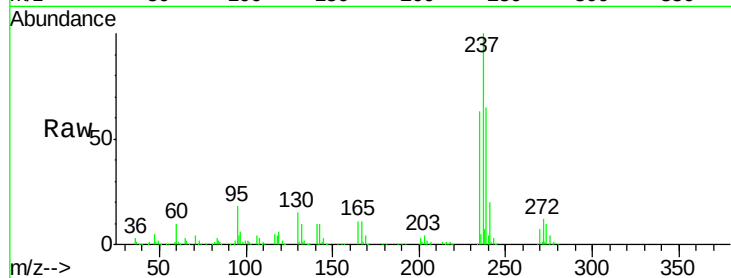




#41
Hexachlorocyclopentadiene
Concen: 91.582 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

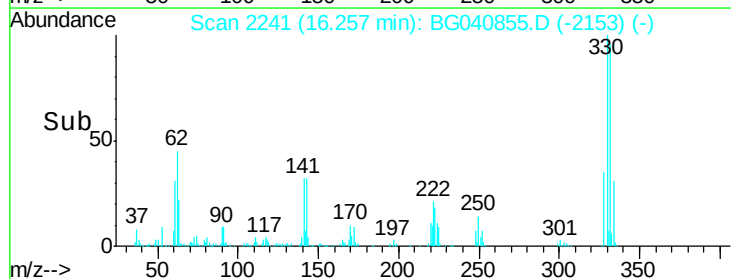
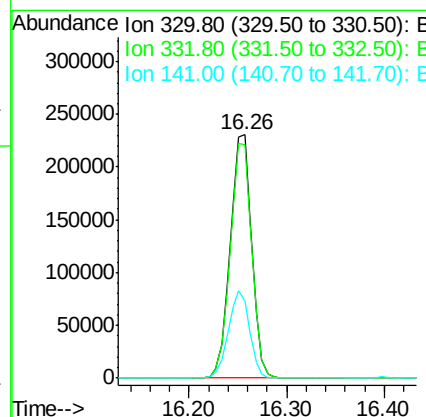
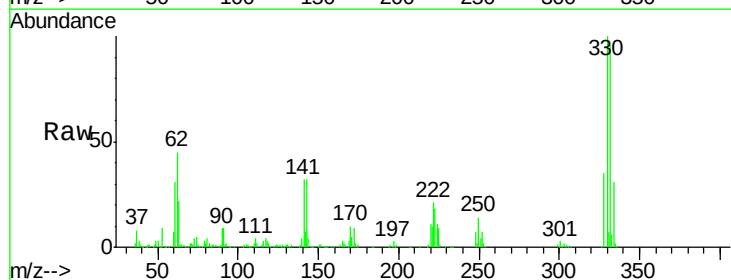
Instrument :
BNA_G
ClientSampleId :
PB119611BS

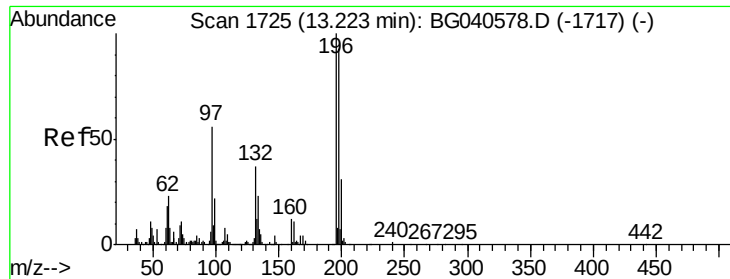
Tgt Ion: 237 Resp: 327913
Ion Ratio Lower Upper
237 100
235 62.9 42.5 82.5
272 12.5 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 156.526 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion: 330 Resp: 350444
Ion Ratio Lower Upper
330 100
332 96.9 75.9 113.9
141 35.4 32.4 48.6

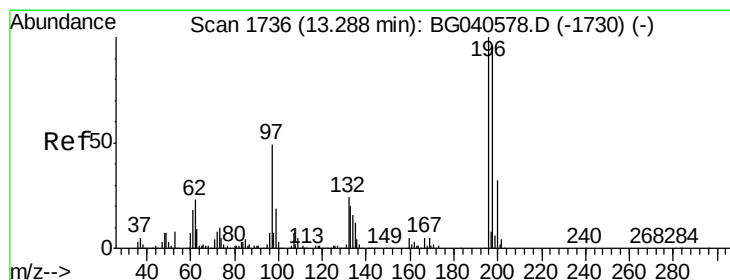
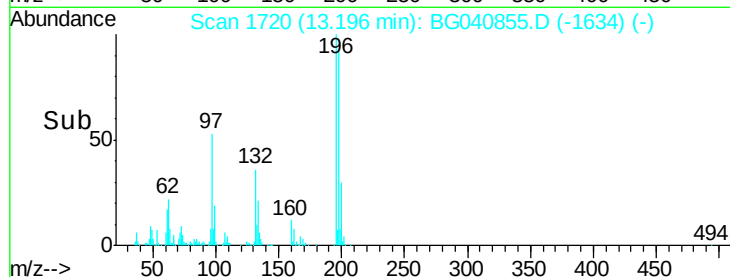
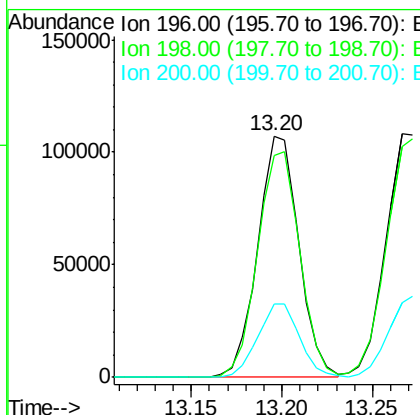
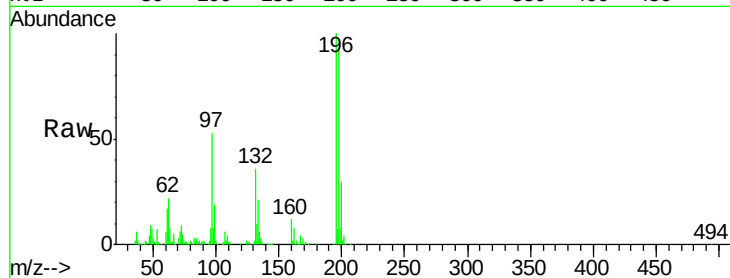




#43
 2,4,6-Trichlorophenol
 Concen: 46.035 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

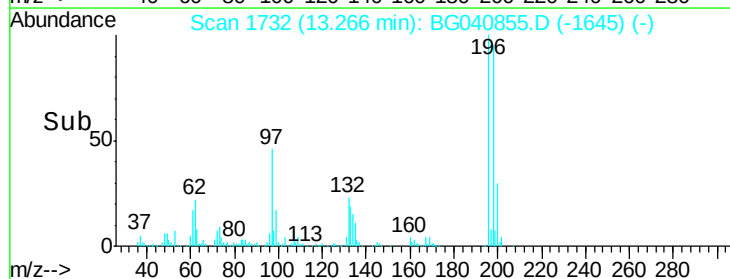
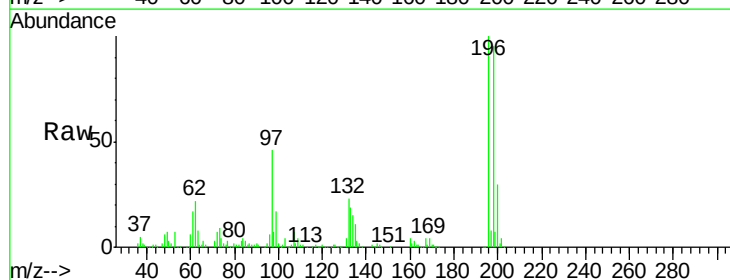
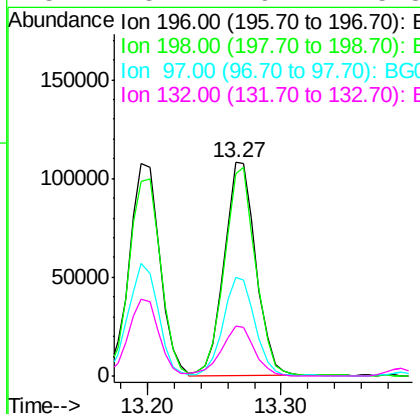
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

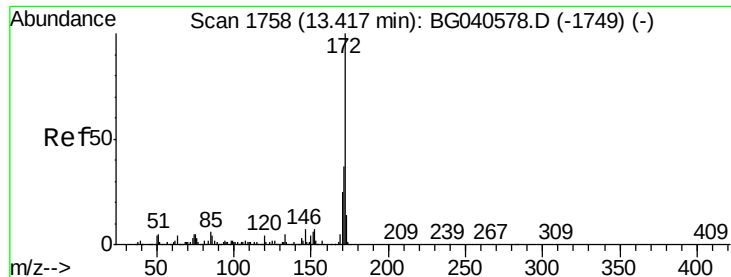
Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	74.8	112.2
200	30.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.904 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.0	115.6
97	46.0	40.0	60.0
132	23.2	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 76.652 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

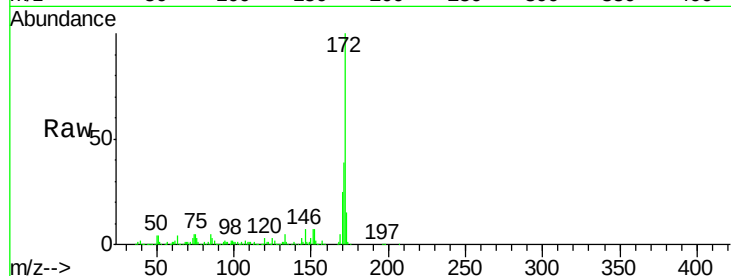
Tgt Ion:172 Resp: 864529

Ion Ratio Lower Upper

172 100

171 39.1 29.4 44.2

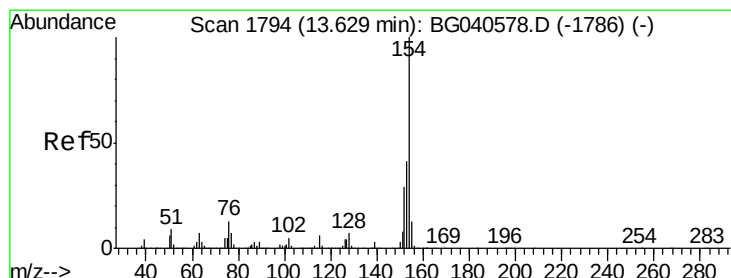
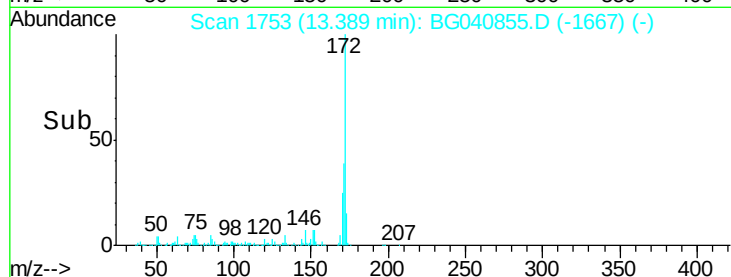
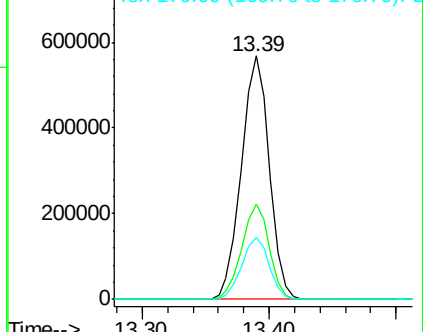
170 25.3 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 37.713 ng

RT: 13.60 min Scan# 1789

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

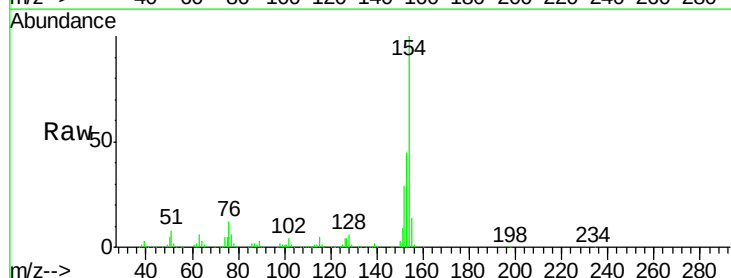
Tgt Ion:154 Resp: 476937

Ion Ratio Lower Upper

154 100

153 44.8 20.5 60.5

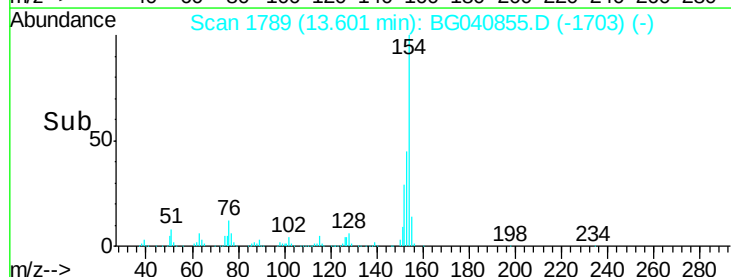
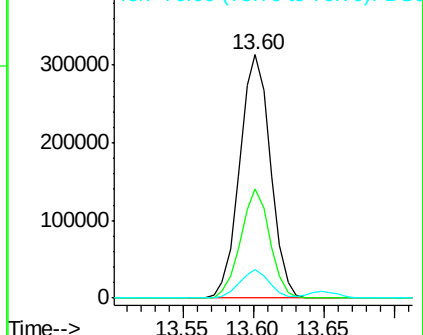
76 11.6 0.0 32.5

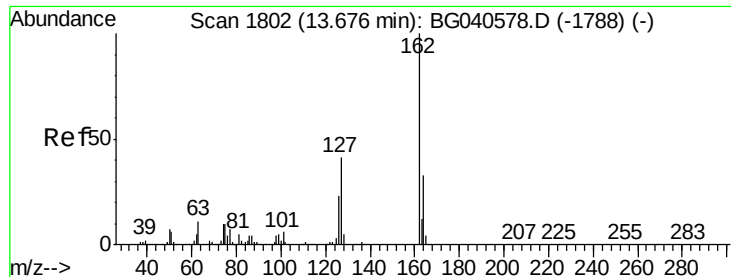


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

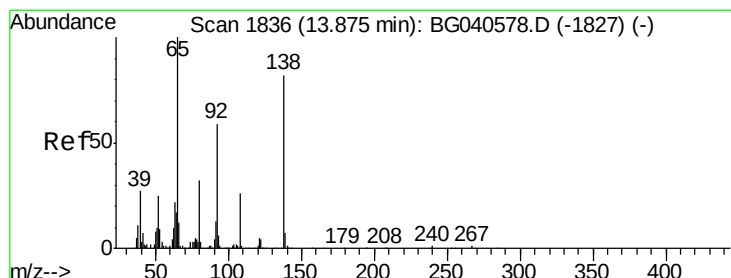
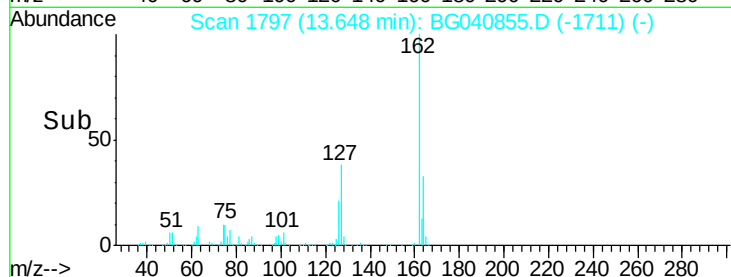
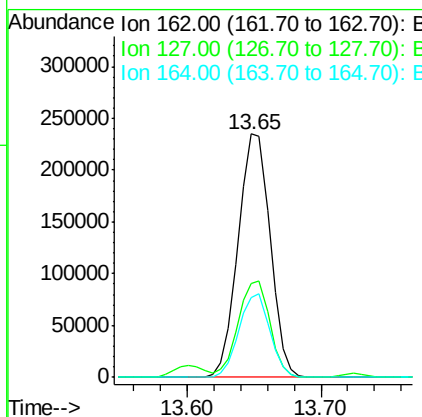
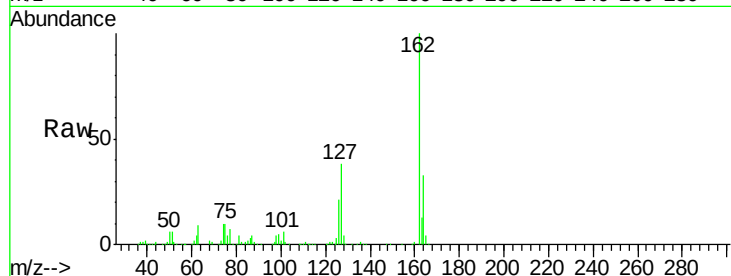




#47
 2-Chloronaphthalene
 Concen: 39.373 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

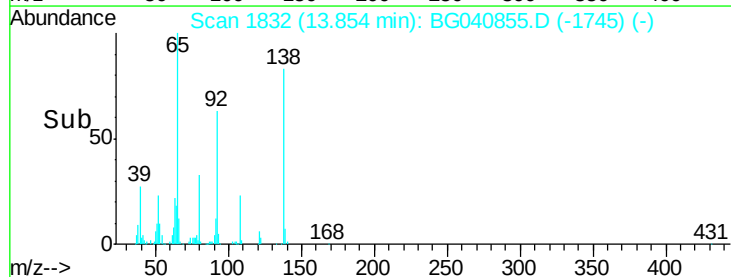
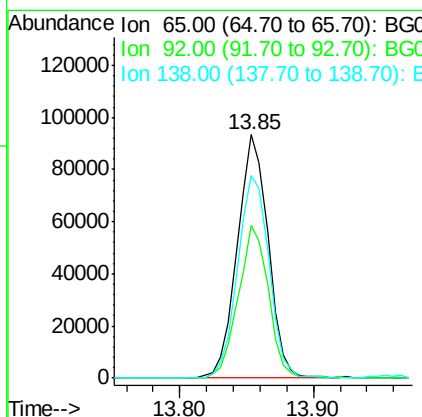
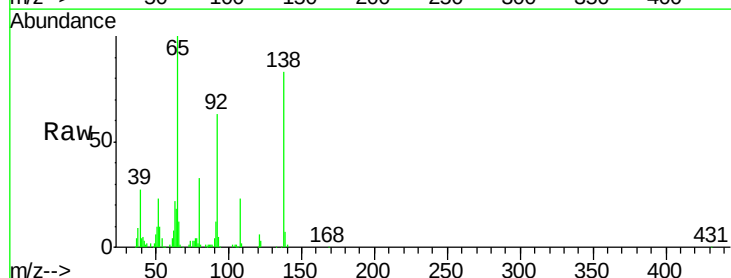
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

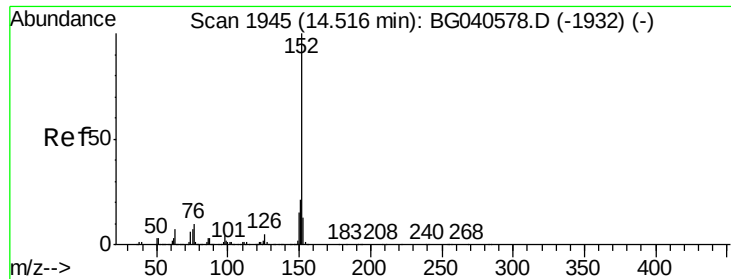
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.0	49.4
164	32.9	26.8	40.2



#48
 2-Nitroaniline
 Concen: 42.357 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	47.4	71.0
138	83.3	66.1	99.1





#49

Acenaphthylene

Concen: 36.927 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

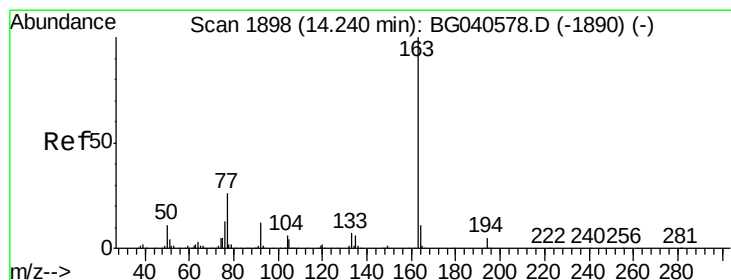
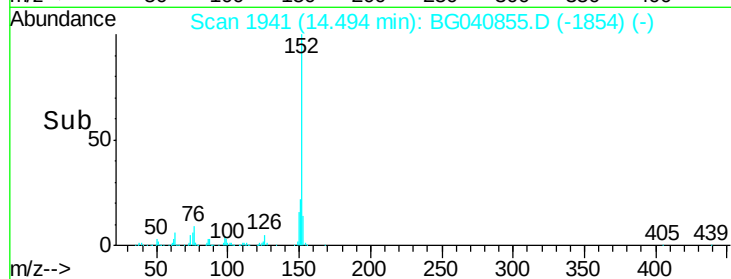
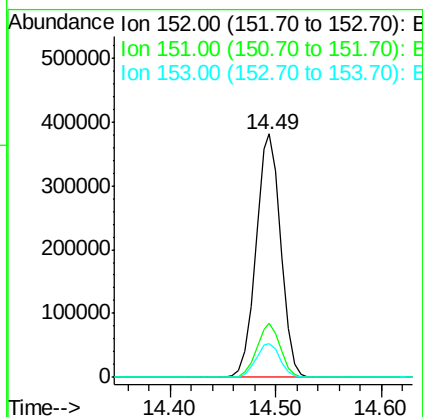
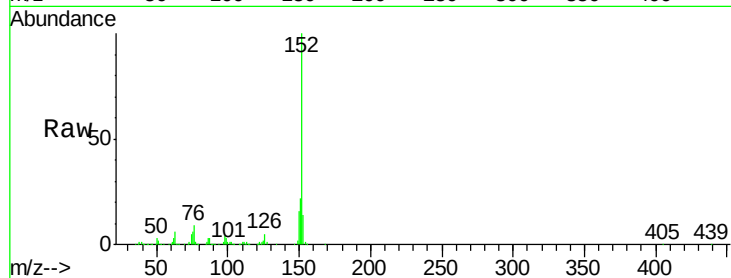
Instrument :

BNA_G

ClientSampleId :

PB119611BS

Tgt Ion:	152	Resp:	620057
Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	13.6	10.7	16.1



#50

Dimethylphthalate

Concen: 39.798 ng

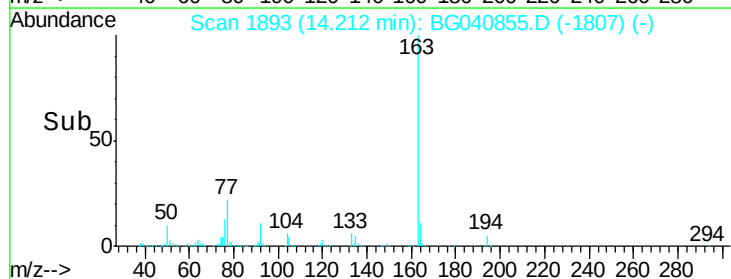
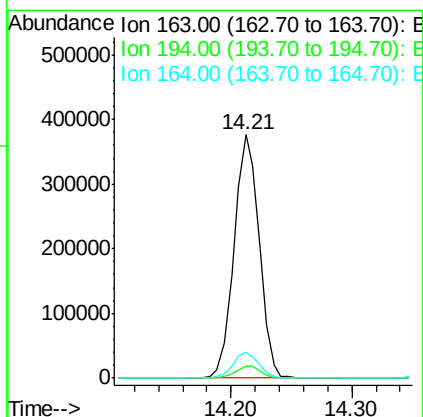
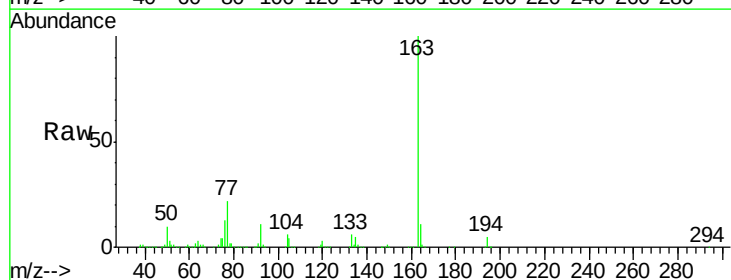
RT: 14.21 min Scan# 1893

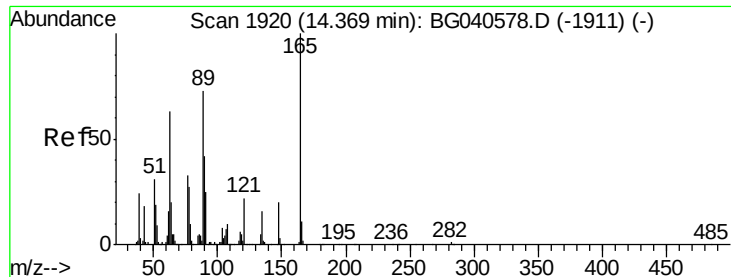
Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Tgt Ion:	163	Resp:	542375
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	10.5	8.8	13.2

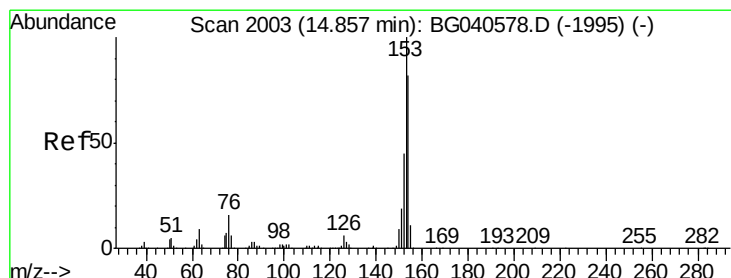
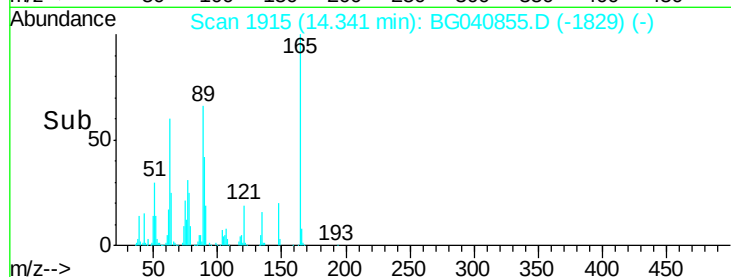
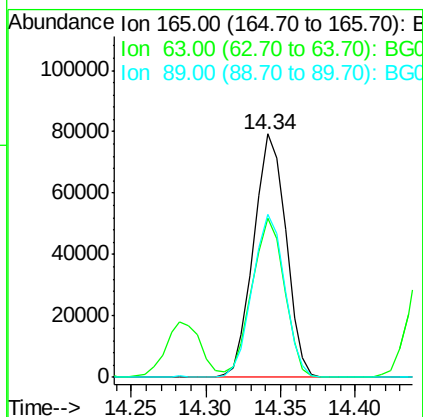
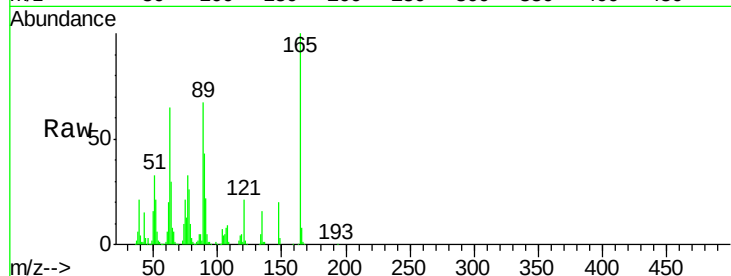




#51
2,6-Dinitrotoluene
Concen: 44.628 ng
RT: 14.34 min Scan# 1915
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

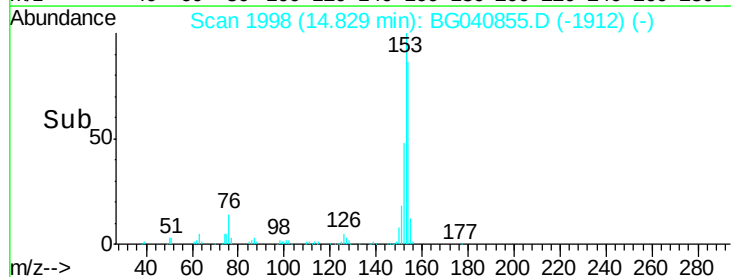
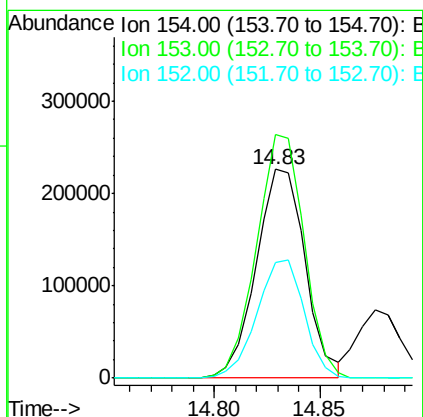
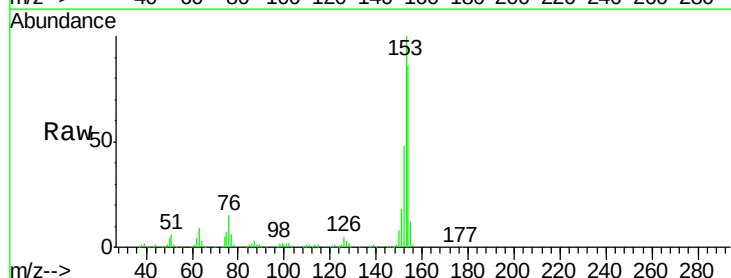
Instrument :
BNA_G
ClientSampleId :
PB119611BS

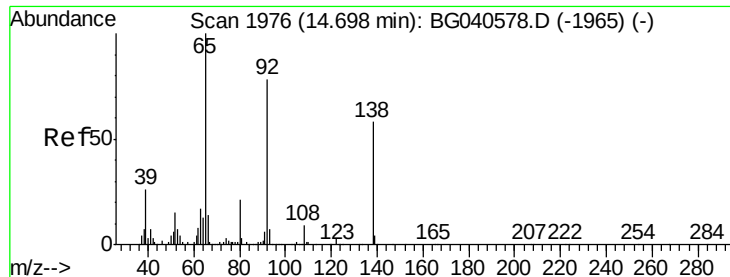
Tgt Ion:165 Resp: 118702
Ion Ratio Lower Upper
165 100
63 65.1 61.0 91.4
89 66.8 58.6 87.8



#52
Acenaphthene
Concen: 37.333 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:154 Resp: 365074
Ion Ratio Lower Upper
154 100
153 116.6 97.0 145.6
152 55.4 44.1 66.1

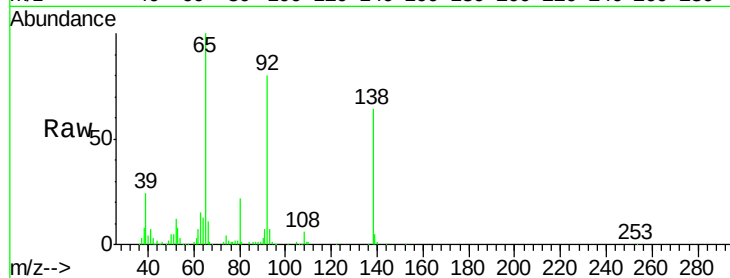




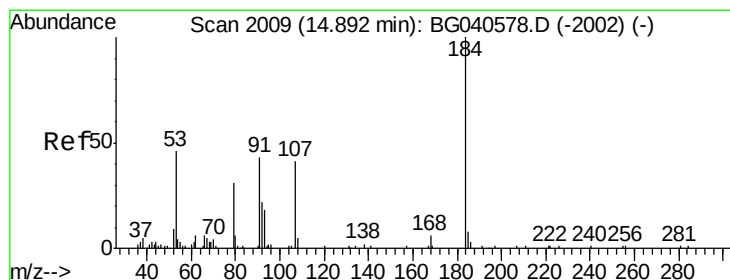
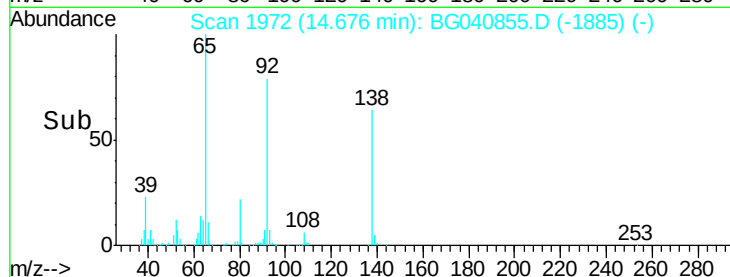
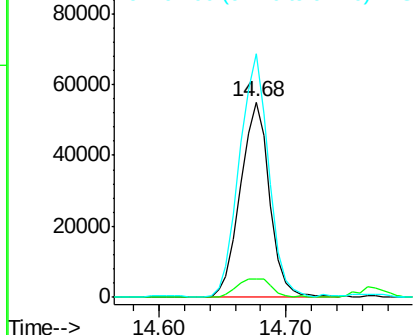
#53
 3-Nitroaniline
 Concen: 32.234 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

Tgt Ion:138 Resp: 87847
 Ion Ratio Lower Upper
 138 100
 108 9.7 12.4 18.6#
 92 124.9 108.6 162.8

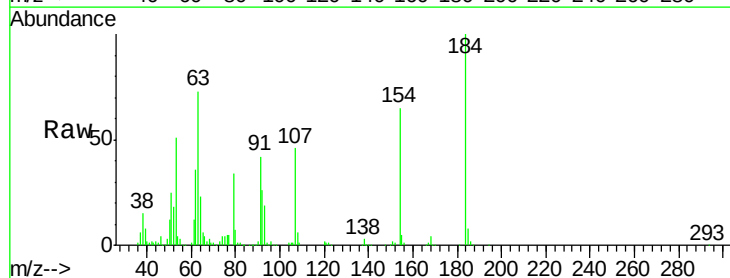


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

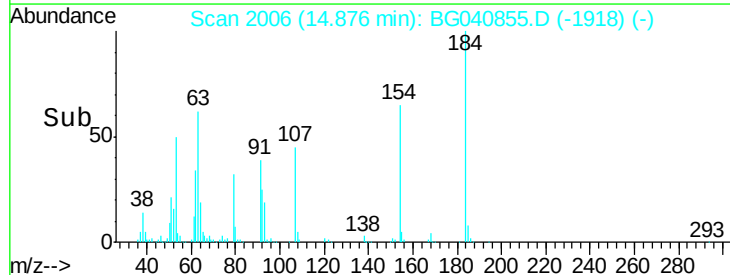
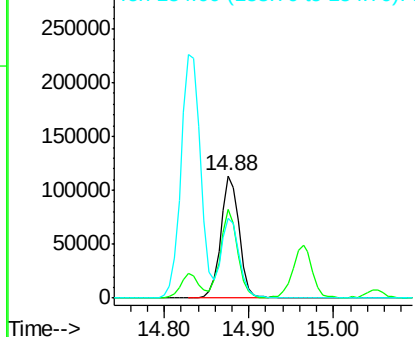


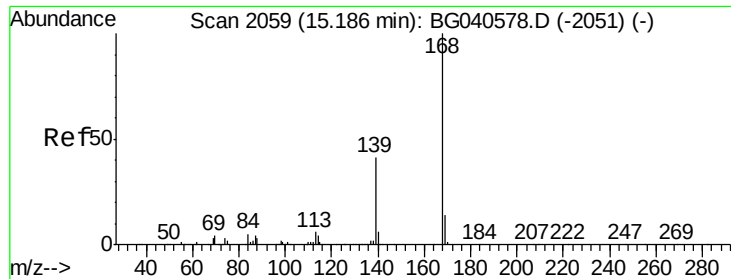
#54
 2,4-Dinitrophenol
 Concen: 111.827 ng
 RT: 14.88 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion:184 Resp: 172342
 Ion Ratio Lower Upper
 184 100
 63 72.5 51.8 77.6
 154 65.2 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

Dibenzenofuran

Concen: 39.201 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

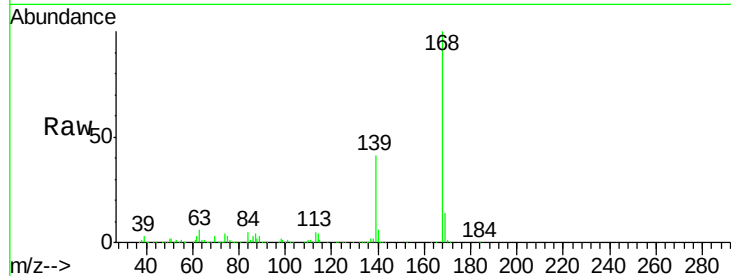
Tgt Ion:168 Resp: 627879

Ion Ratio Lower Upper

168 100

139 40.8 33.0 49.4

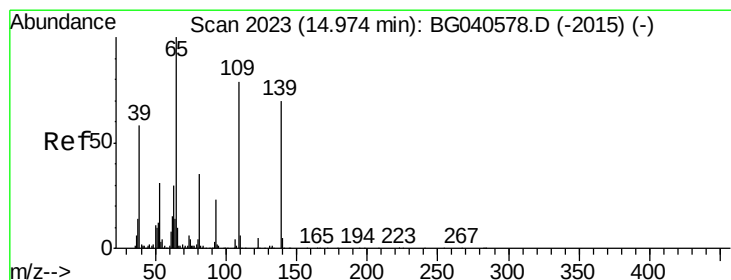
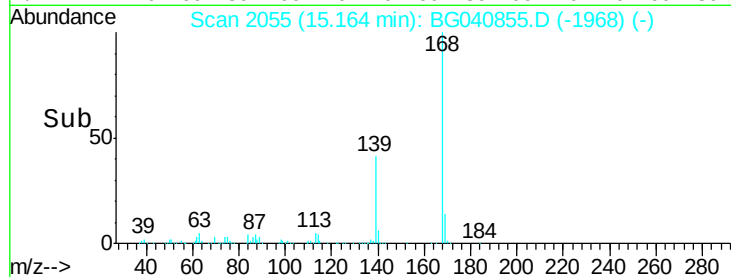
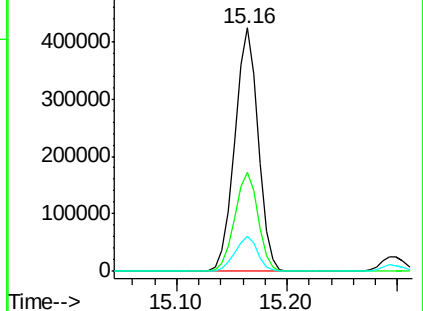
169 14.2 11.0 16.4



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: 82.952 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

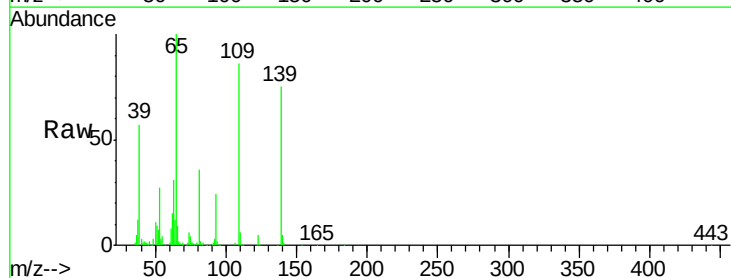
Tgt Ion:139 Resp: 196027

Ion Ratio Lower Upper

139 100

109 114.6 93.8 133.8

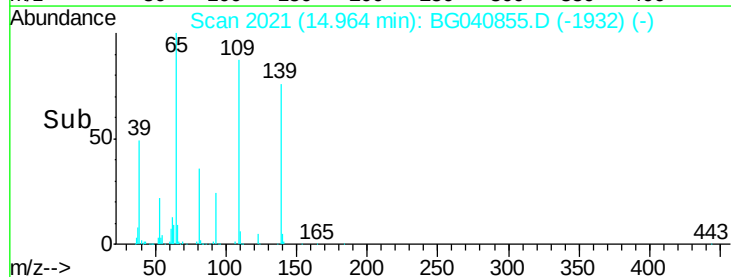
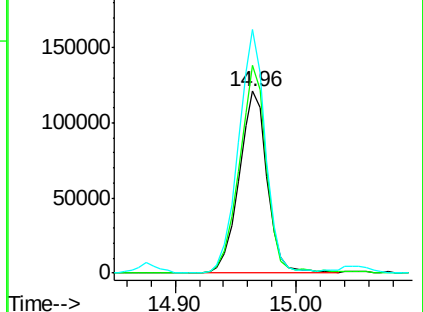
65 133.9 122.7 162.7

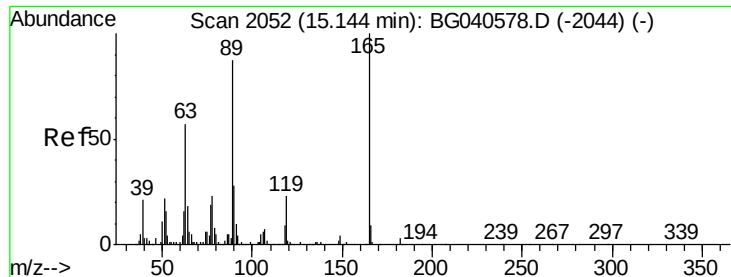


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

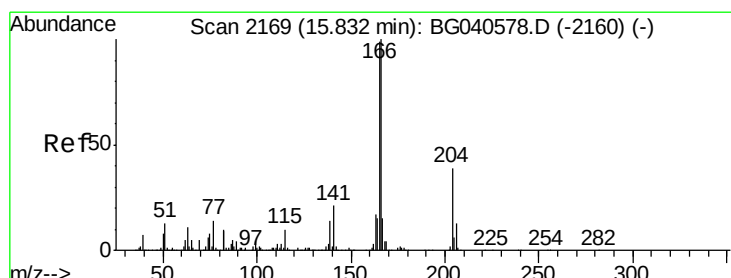
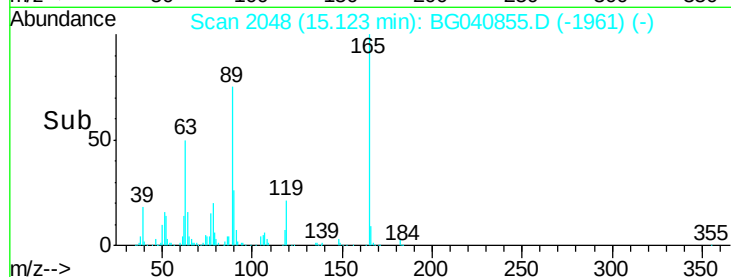
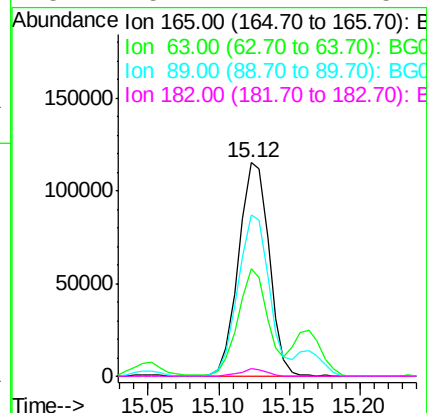
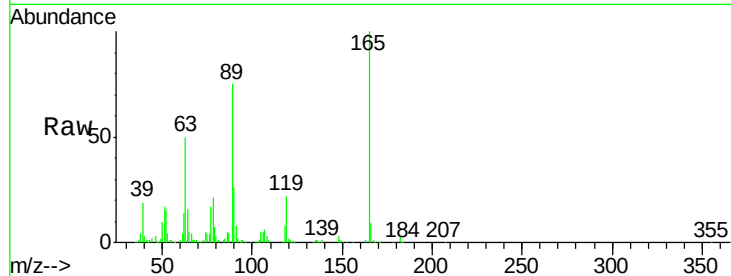




#57
2,4-Dinitrotoluene
Concen: 48.126 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

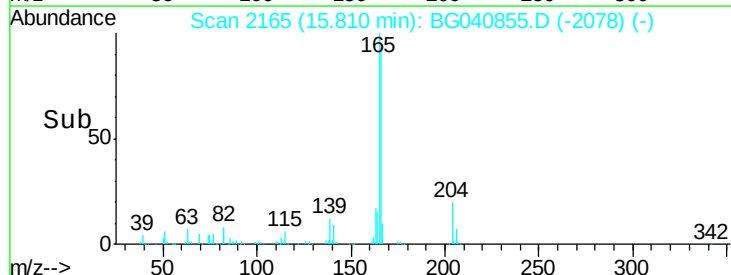
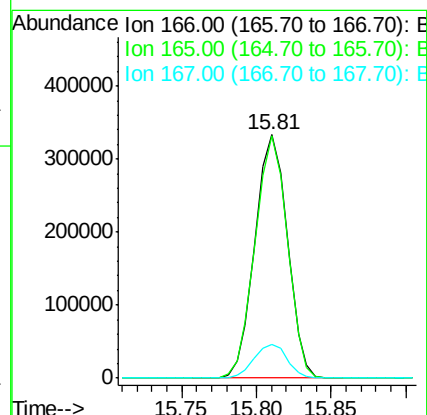
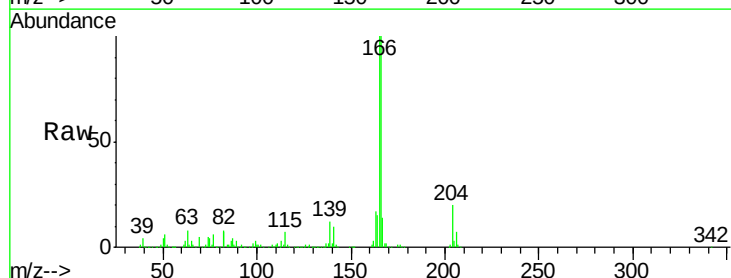
Instrument :
BNA_G
ClientSampleId :
PB119611BS

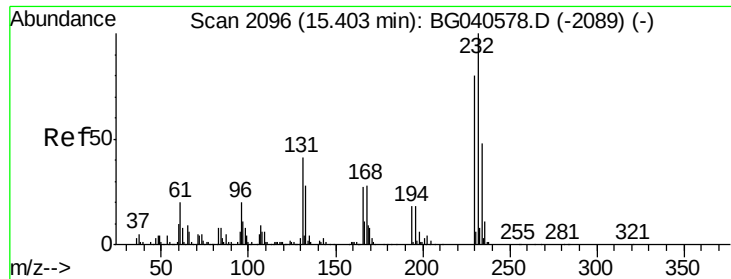
Tgt Ion:165 Resp: 173940
Ion Ratio Lower Upper
165 100
63 50.2 45.8 68.8
89 75.4 69.4 104.2
182 3.4 2.2 3.4#



#58
Fluorene
Concen: 38.787 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:166 Resp: 502131
Ion Ratio Lower Upper
166 100
165 99.7 79.6 119.4
167 13.9 12.2 18.2

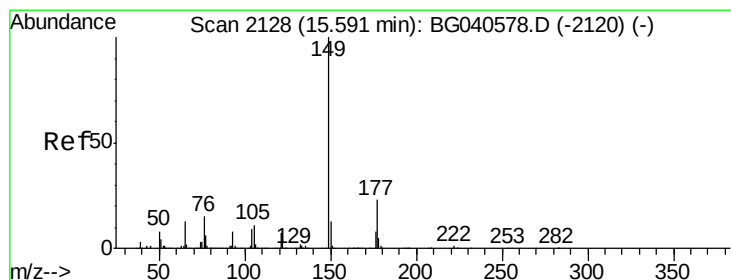
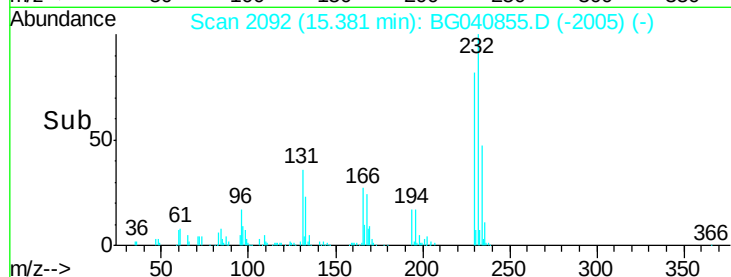
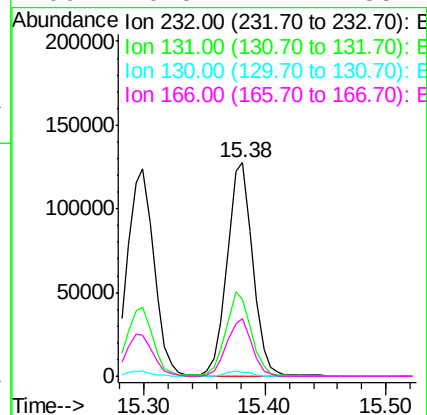
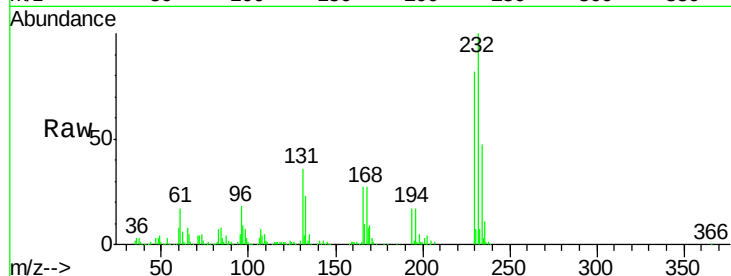




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.354 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

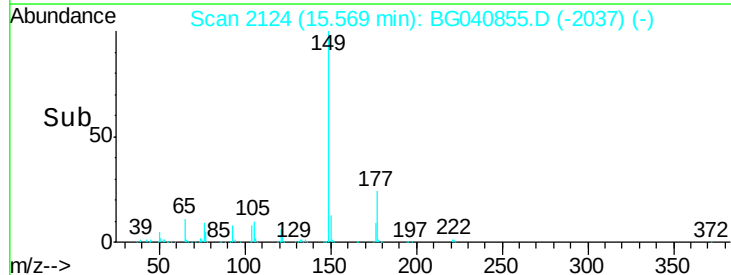
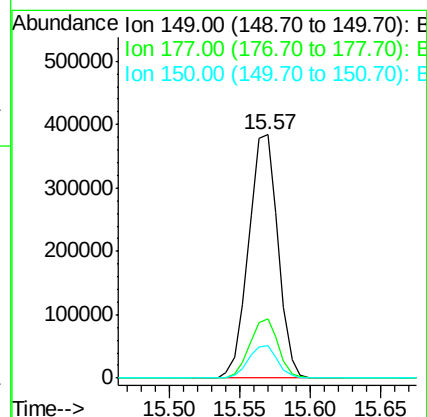
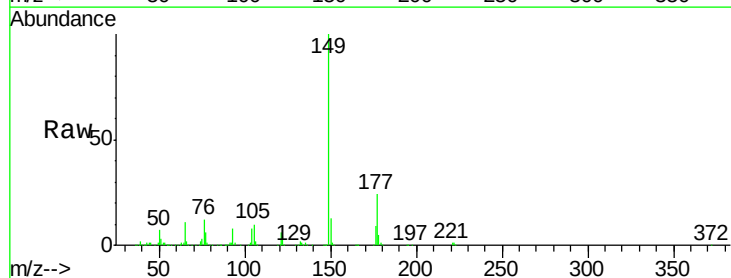
Instrument :
BNA_G
ClientSampleId :
PB119611BS

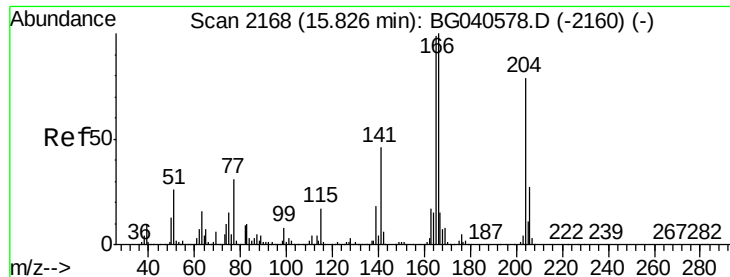
Tgt Ion:	232	Resp:	186369
Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.0	49.4
130	2.3	2.0	3.0
166	26.3	22.1	33.1



#60
Diethylphthalate
Concen: 38.922 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:	149	Resp:	559663
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	13.1	10.2	15.4

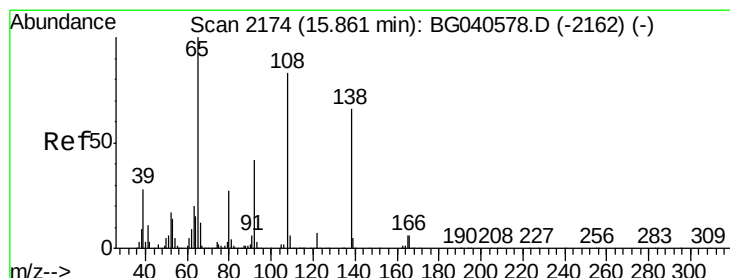
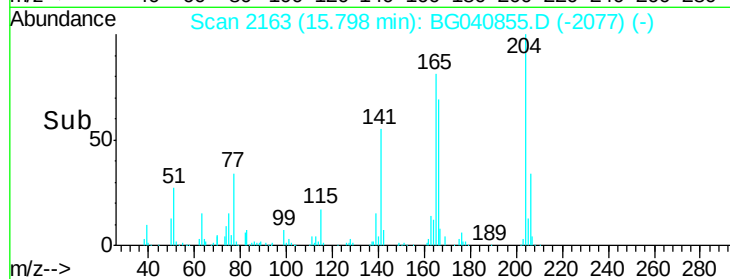
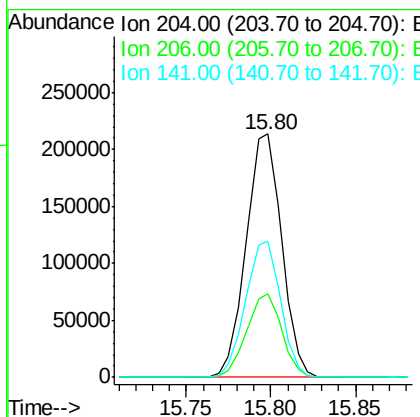
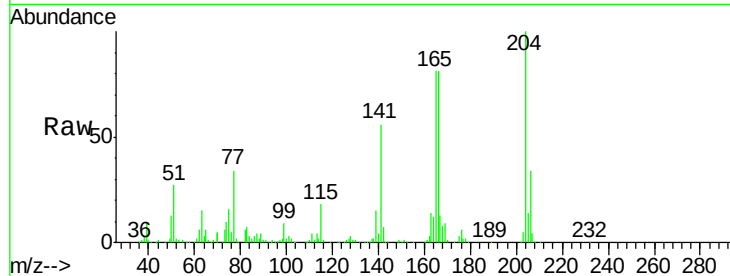




#61
4-Chlorophenyl-phenylether
Concen: 41.657 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

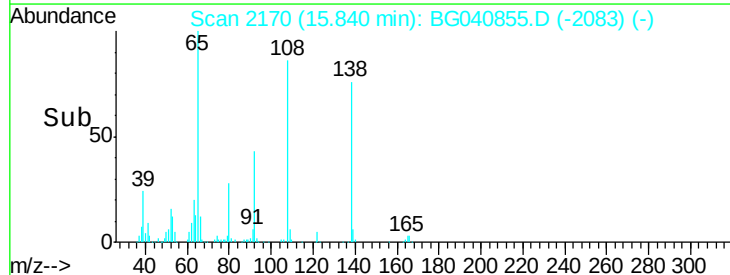
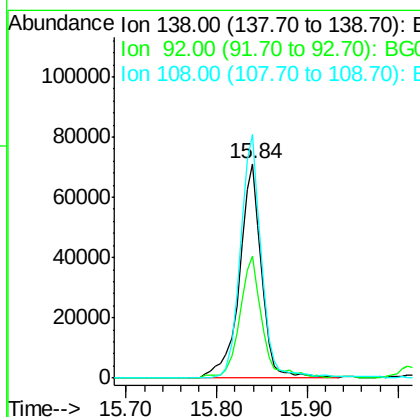
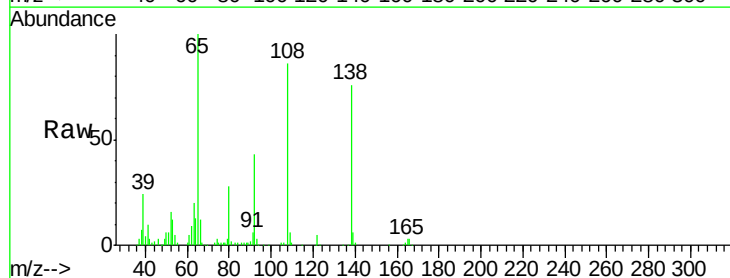
Instrument :
BNA_G
ClientSampleId :
PB119611BS

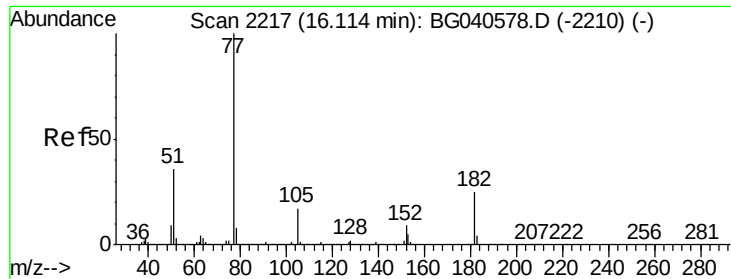
Tgt Ion: 204 Resp: 313654
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.2
141 55.8 46.0 69.0



#62
4-Nitroaniline
Concen: 39.587 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion: 138 Resp: 120682
Ion Ratio Lower Upper
138 100
92 56.8 43.9 83.9
108 113.5 106.5 146.5

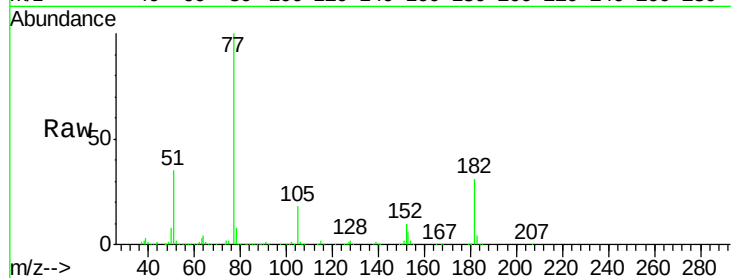




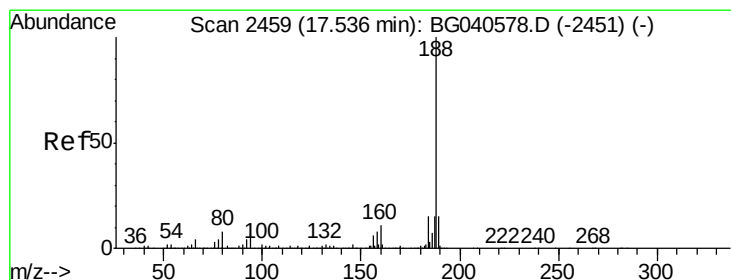
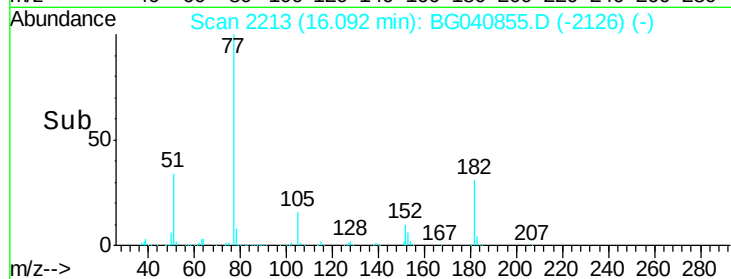
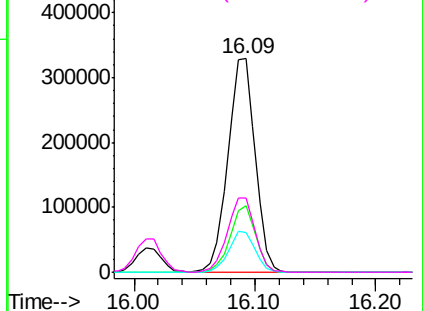
#63
Azobenzene
Concen: 34.799 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Instrument :
BNA_G
ClientSampleId :
PB119611BS

Tgt Ion:	77	Resp:	515313
Ion	Ratio	Lower	Upper
77	100		
182	30.9	5.0	45.0
105	18.4	0.0	37.6
51	34.9	16.3	56.3

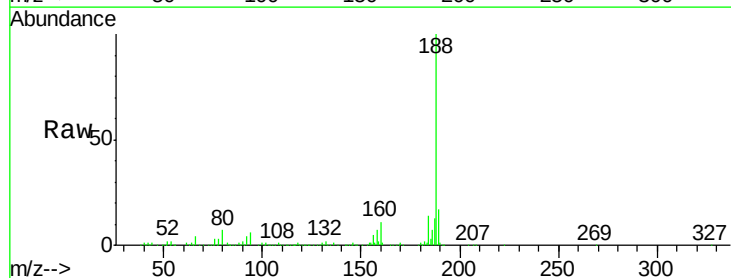


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

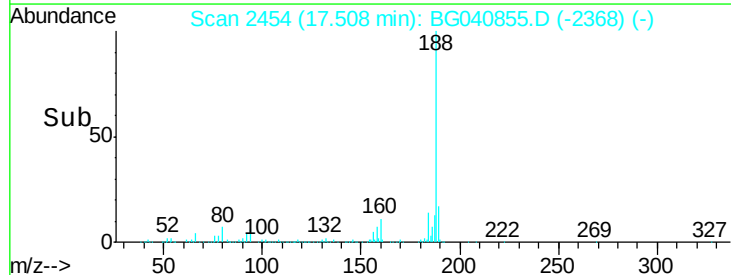
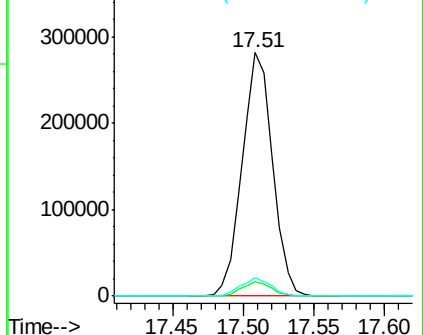


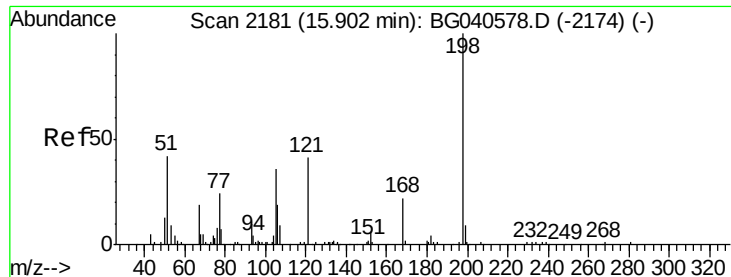
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:	188	Resp:	424088
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.6	8.4
80	7.4	6.4	9.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.402 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

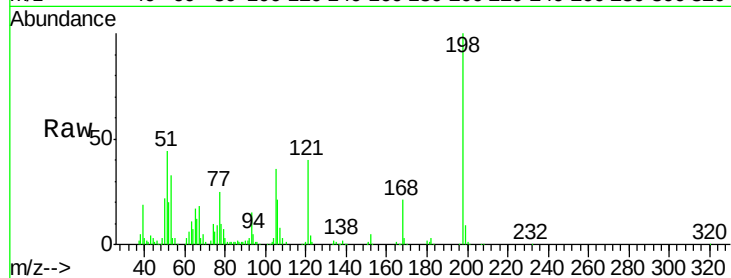
Tgt Ion:198 Resp: 108643

Ion Ratio Lower Upper

198 100

51 43.9 35.9 75.9

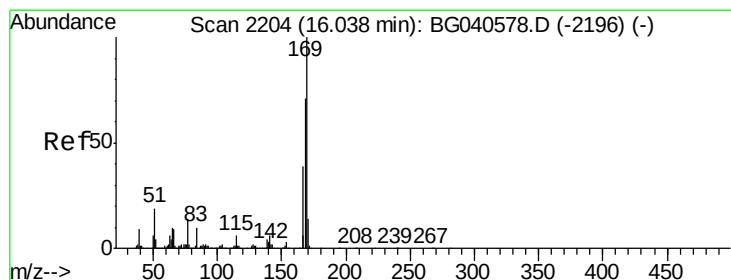
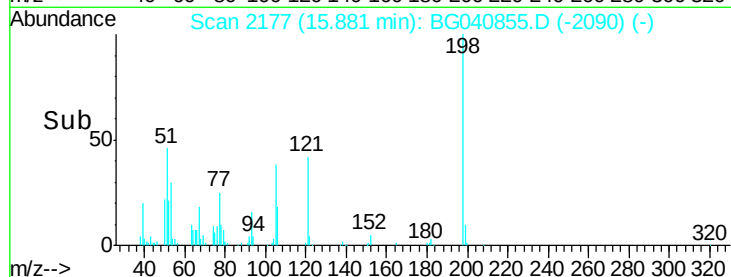
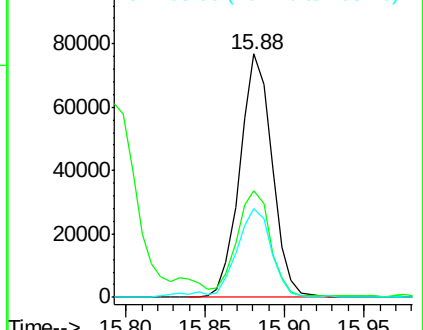
105 36.3 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.507 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

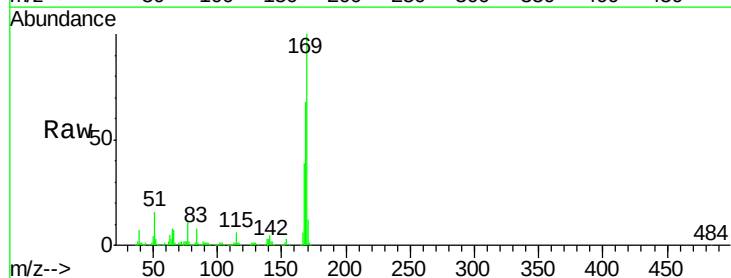
Tgt Ion:169 Resp: 467974

Ion Ratio Lower Upper

169 100

168 68.0 56.8 85.2

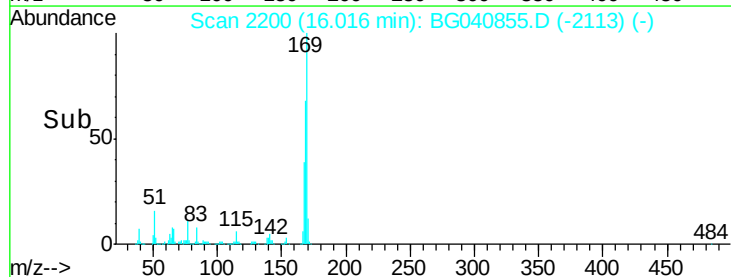
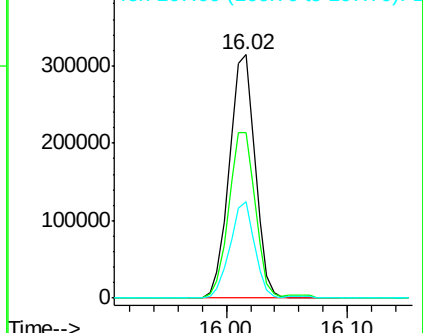
167 39.3 31.4 47.0

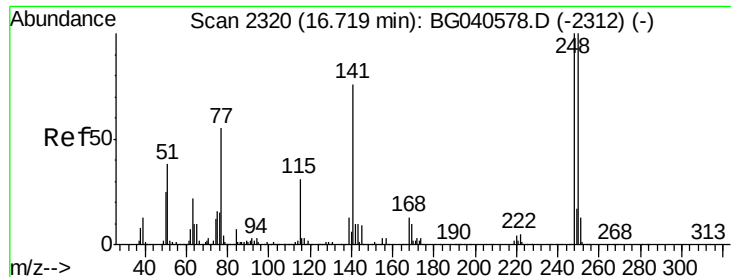


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

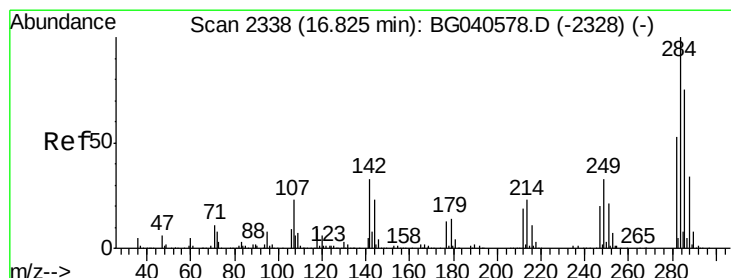
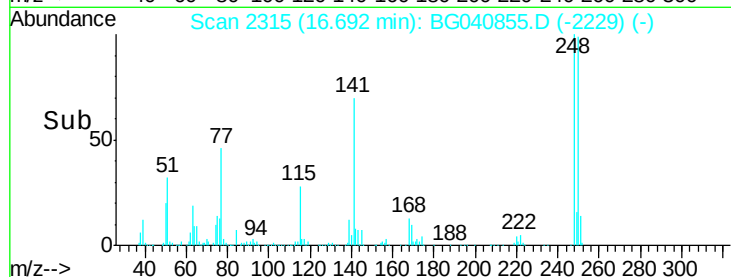
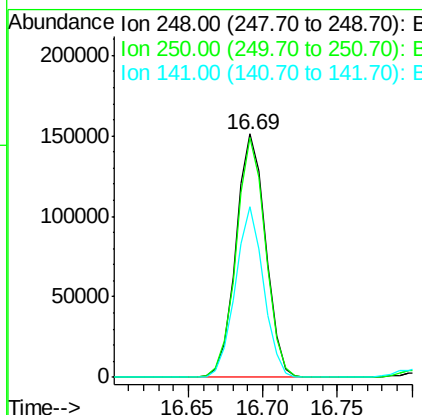
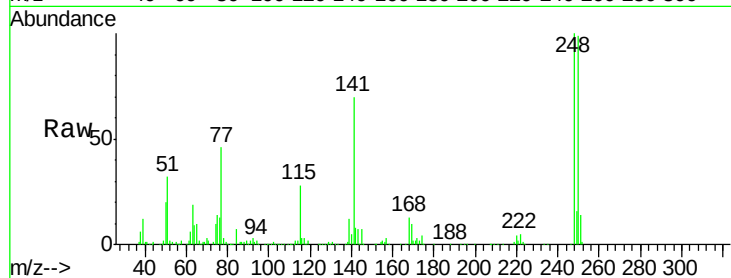




#67
 4-Bromophenyl-phenylether
 Concen: 39.506 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

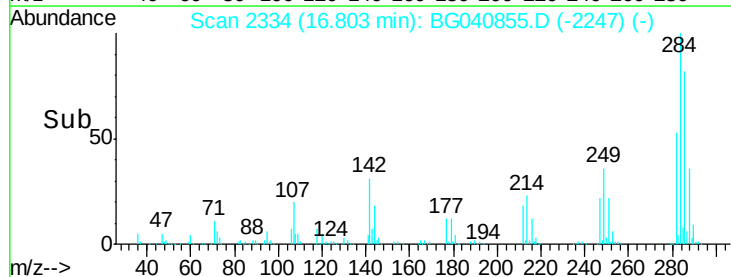
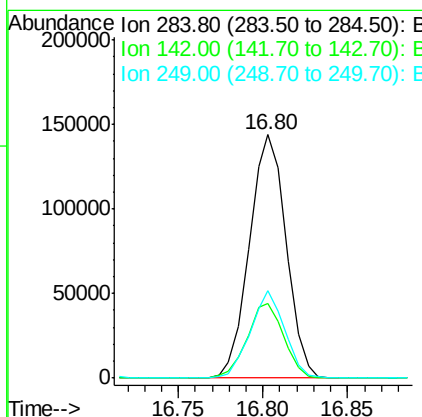
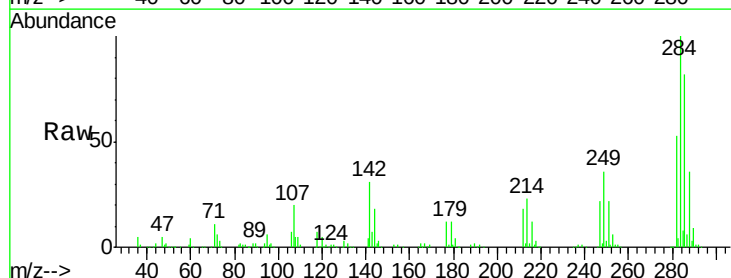
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

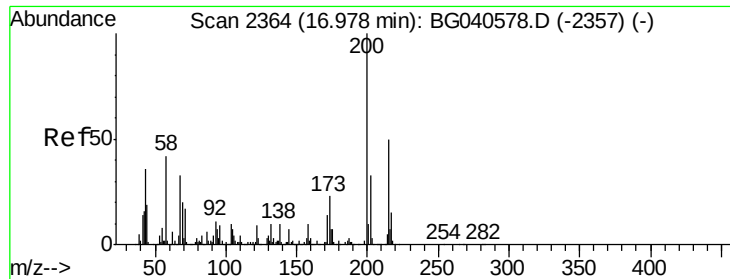
Tgt Ion: 248 Resp: 208731
 Ion Ratio Lower Upper
 248 100
 250 98.7 79.8 119.6
 141 70.2 60.8 91.2



#68
 Hexachlorobenzene
 Concen: 39.646 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion: 284 Resp: 216592
 Ion Ratio Lower Upper
 284 100
 142 30.7 26.6 40.0
 249 35.8 26.0 39.0





#69

Atrazine

Concen: 40.139 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

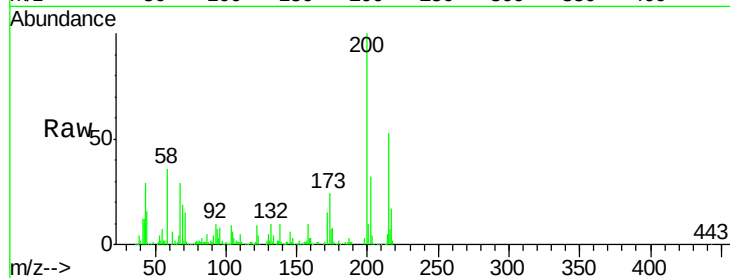
Tgt Ion:200 Resp: 198425

Ion Ratio Lower Upper

200 100

173 23.5 2.8 42.8

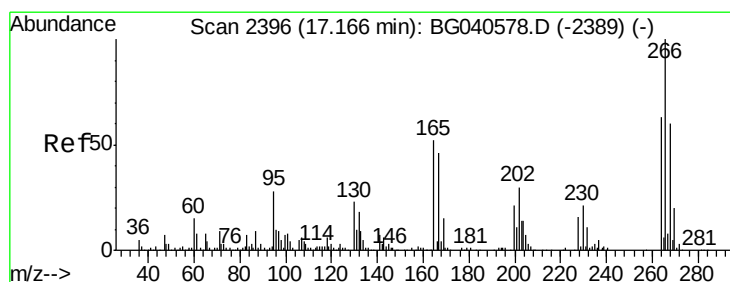
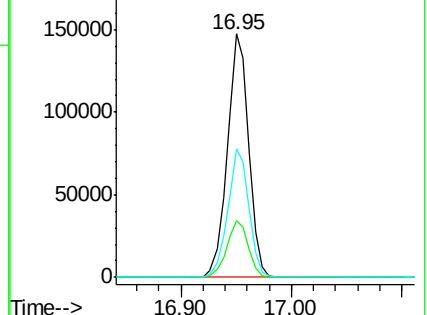
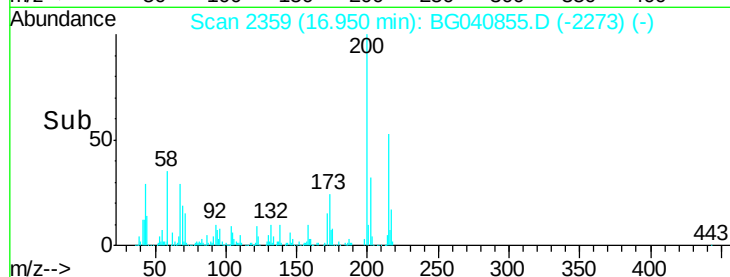
215 52.9 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 89.888 ng

RT: 17.15 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

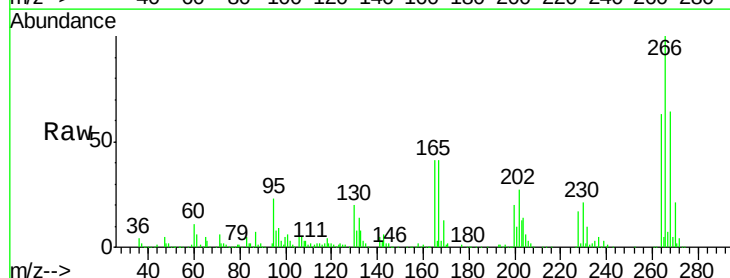
Tgt Ion:266 Resp: 287363

Ion Ratio Lower Upper

266 100

268 63.7 52.3 78.5

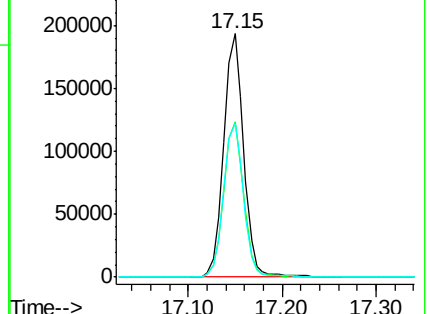
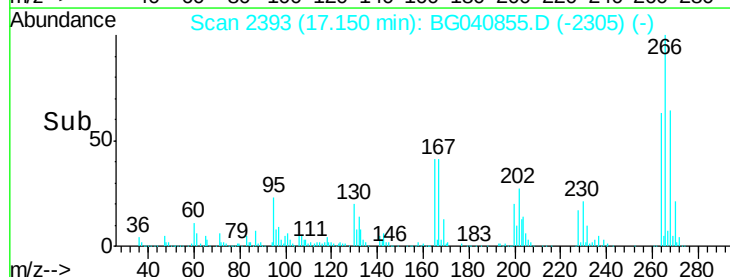
264 63.1 50.0 75.0

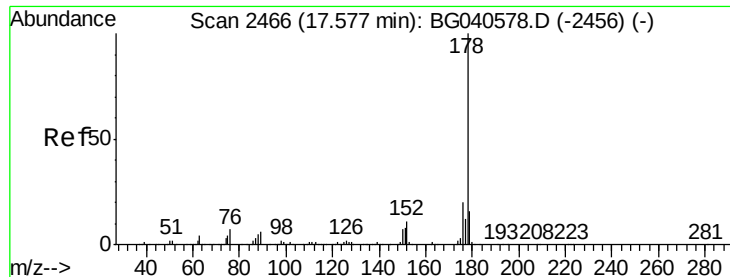


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.452 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

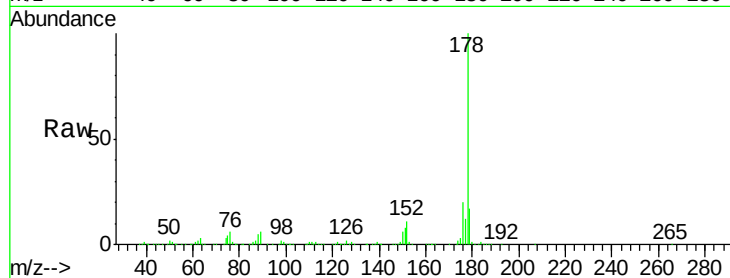
Tgt Ion:178 Resp: 855499

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

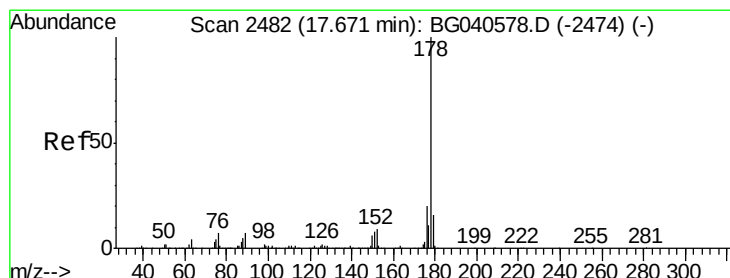
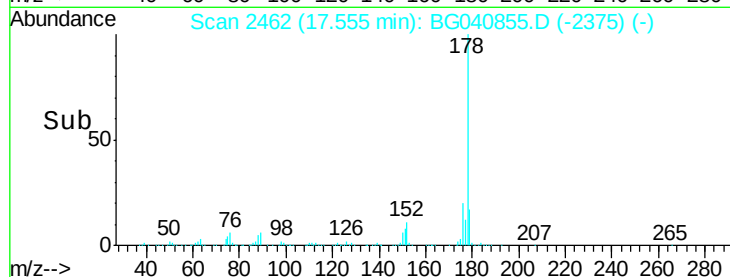
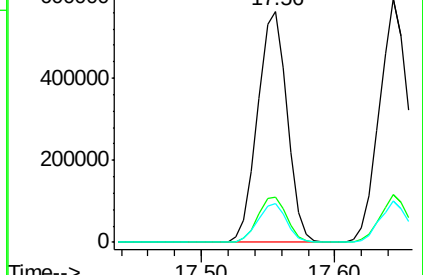
179 16.8 12.6 18.8



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: 38.154 ng

RT: 17.64 min Scan# 2477

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

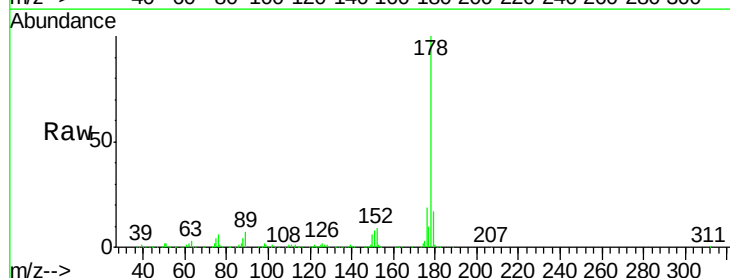
Tgt Ion:178 Resp: 876032

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

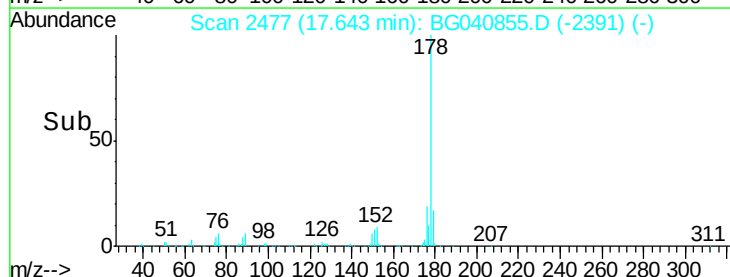
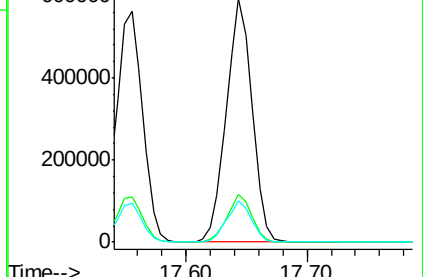
179 16.8 12.9 19.3

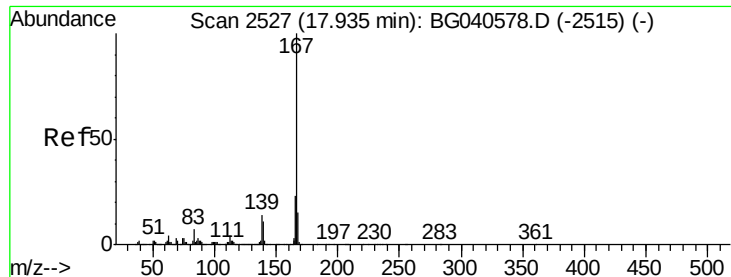


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

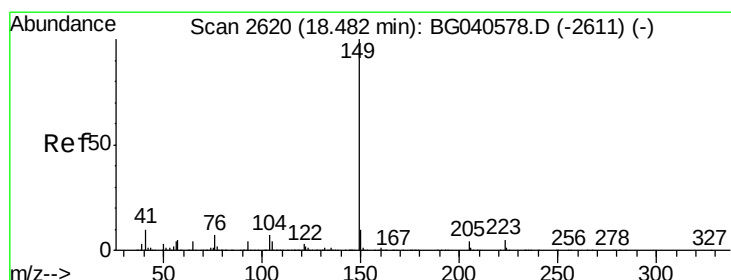
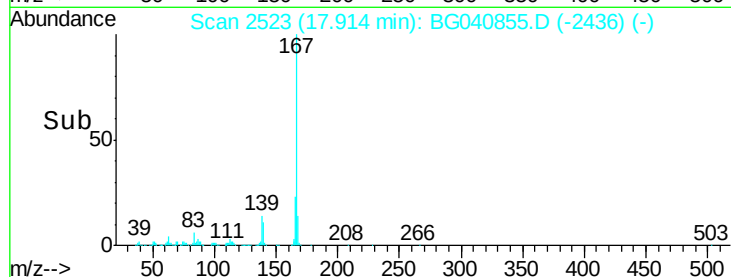
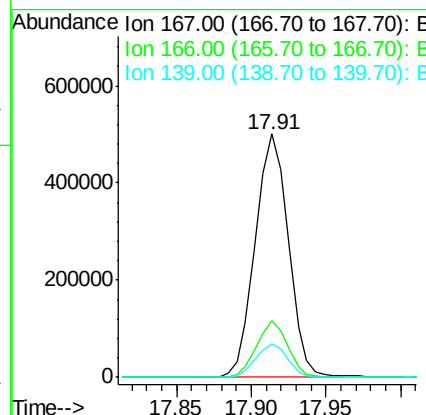
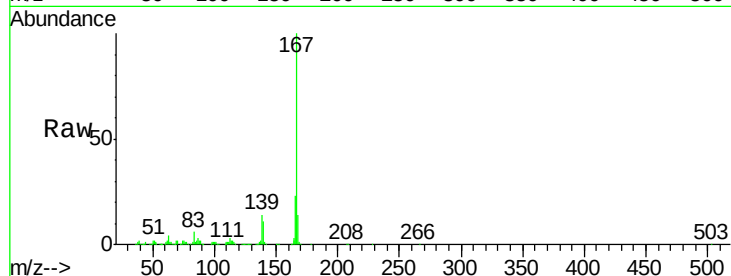




#73
 Carbazole
 Concen: 36.694 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

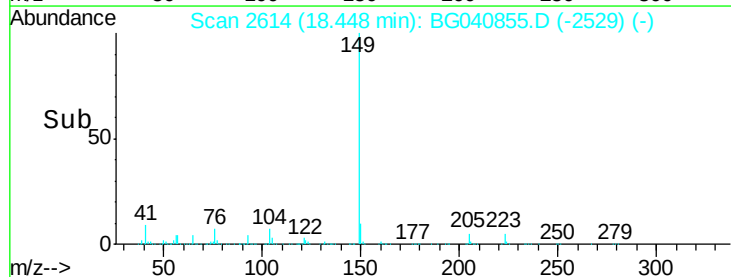
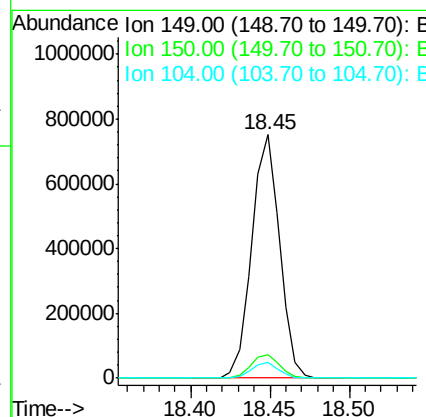
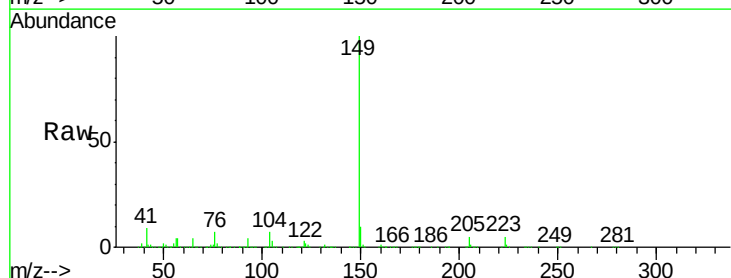
Instrument :
 BNA_G
 ClientSampleId :
 PB119611BS

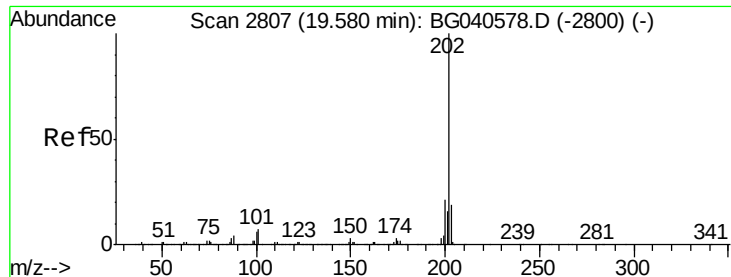
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.8	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 36.264 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.03 min
 Lab File: BG040855.D
 Acq: 10 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	6.6	5.4	8.2





#75

Fluoranthene

Concen: 39.352 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

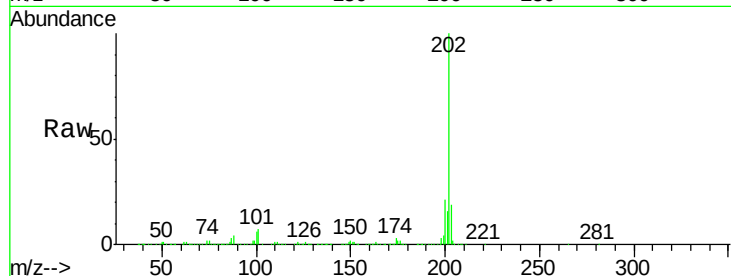
Tgt Ion:202 Resp: 1120178

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.5

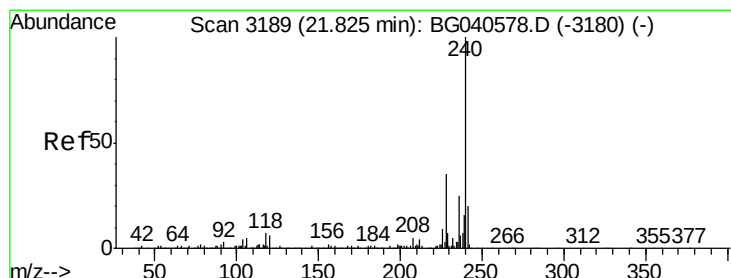
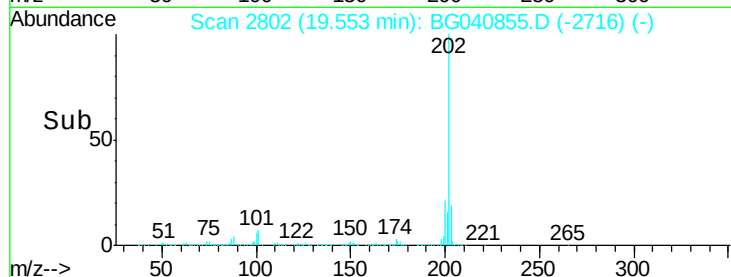
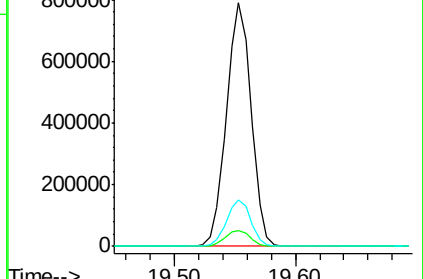
203 19.2 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

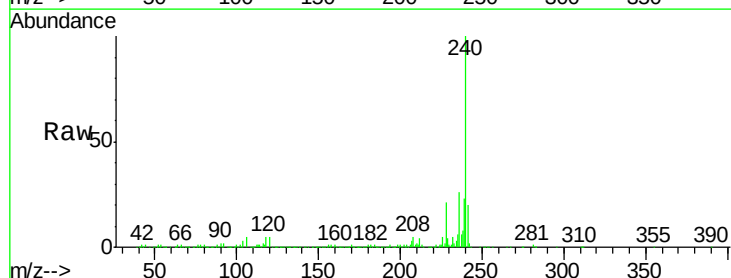
Tgt Ion:240 Resp: 438655

Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

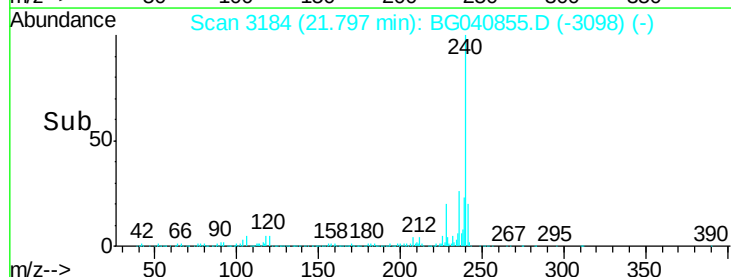
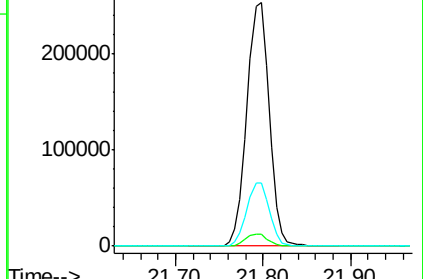
236 26.0 20.3 30.5

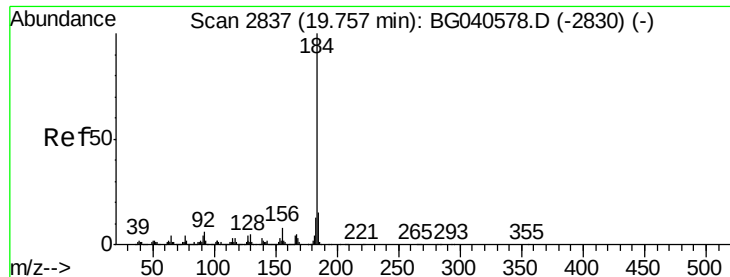


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.533 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

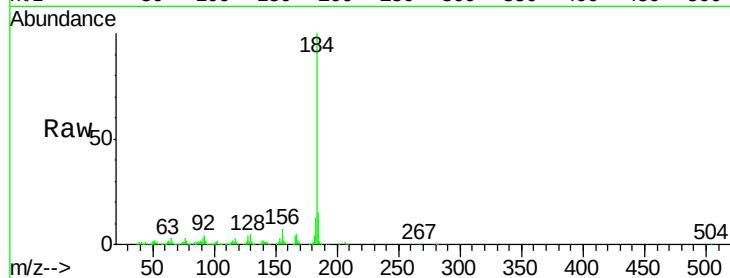
BNA_G

ClientSampleId :

PB119611BS

Tgt Ion:184 Resp: 366717

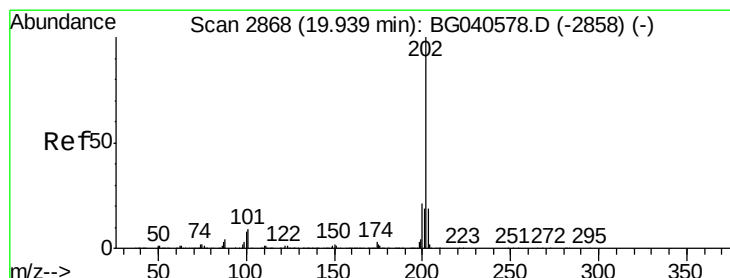
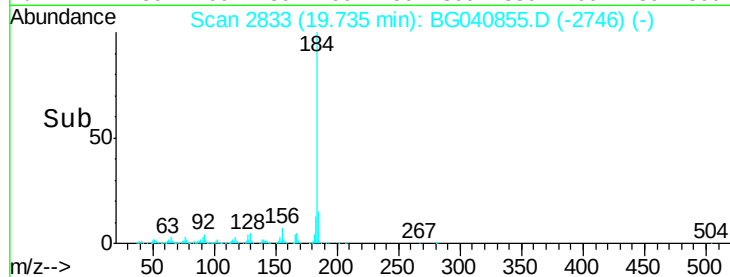
Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	12.9	10.2	15.2



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: 40.255 ng

RT: 19.92 min Scan# 2864

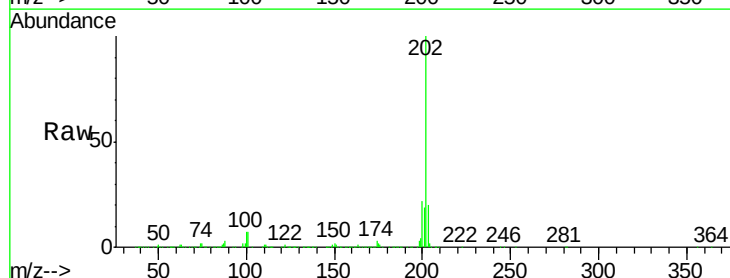
Delta R.T. -0.02 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Tgt Ion:202 Resp: 1106725

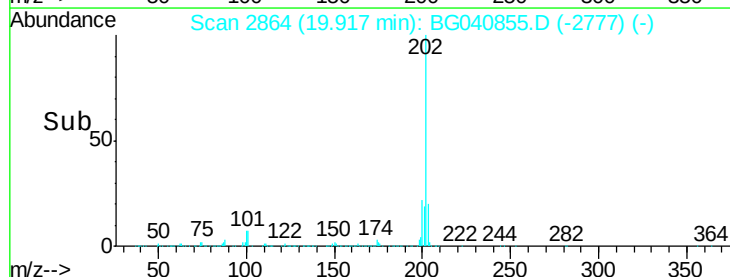
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	19.6	15.0	22.4

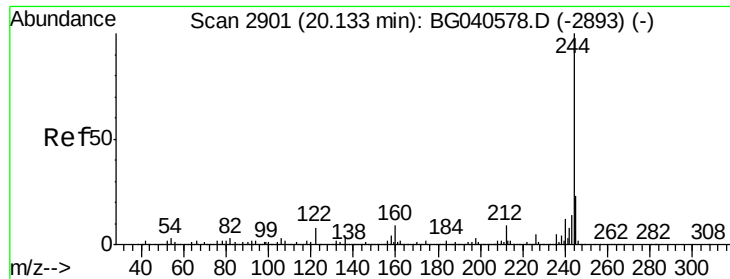


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.448 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

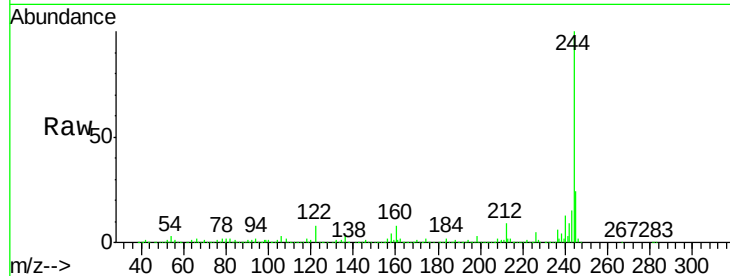
Tgt Ion:244 Resp: 1672067

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

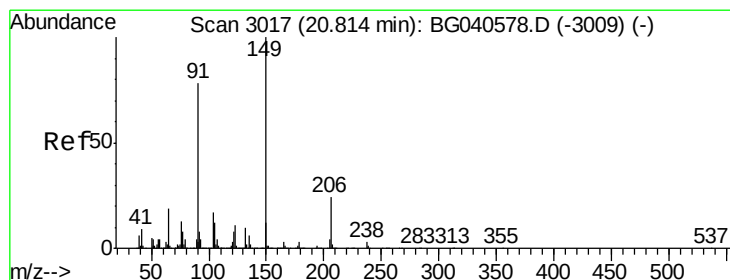
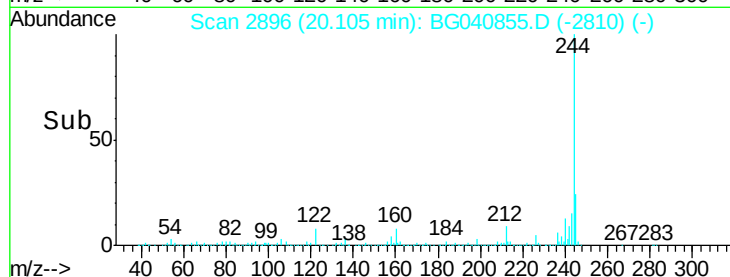
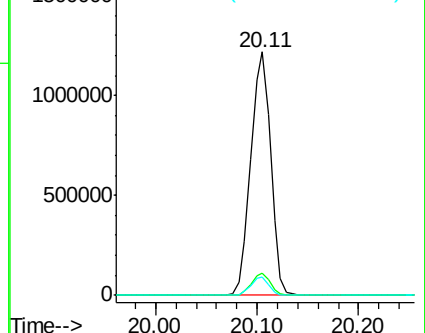
122 7.6 6.6 10.0



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: 40.164 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

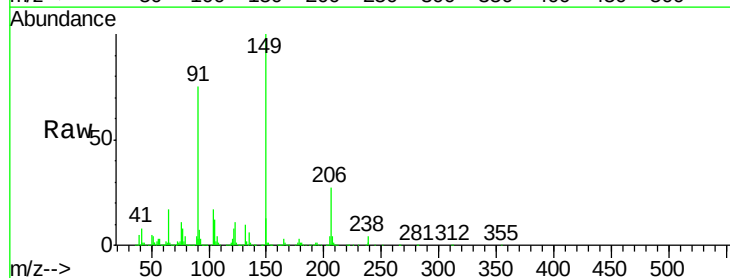
Tgt Ion:149 Resp: 430372

Ion Ratio Lower Upper

149 100

91 75.1 62.6 93.8

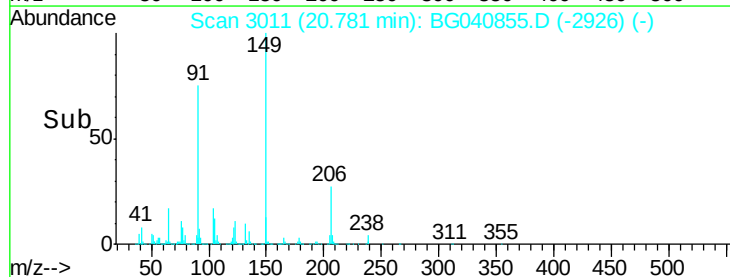
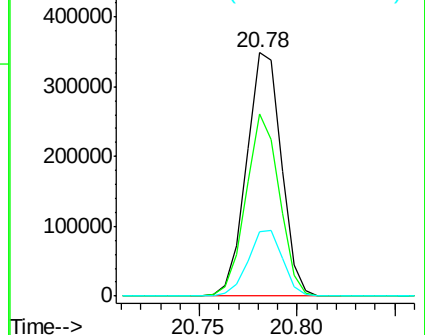
206 26.7 19.4 29.2

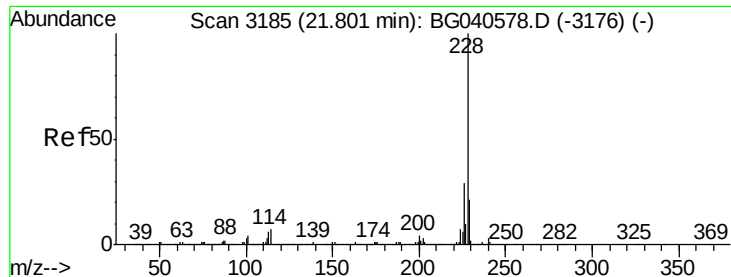


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

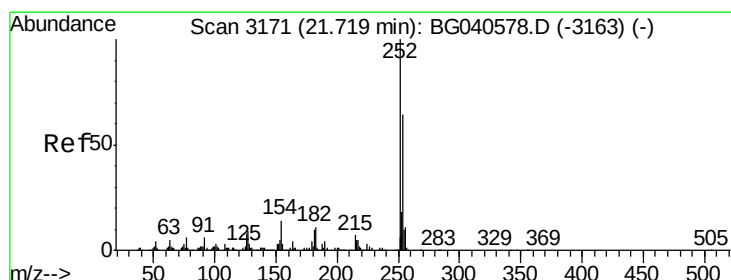
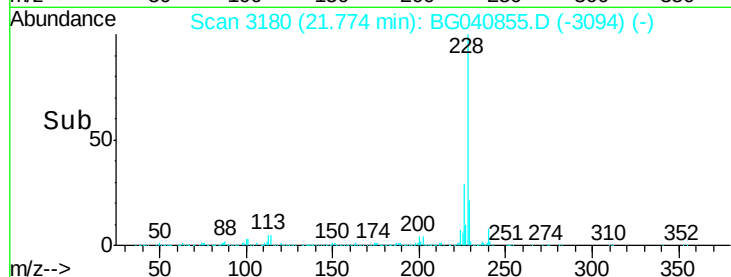
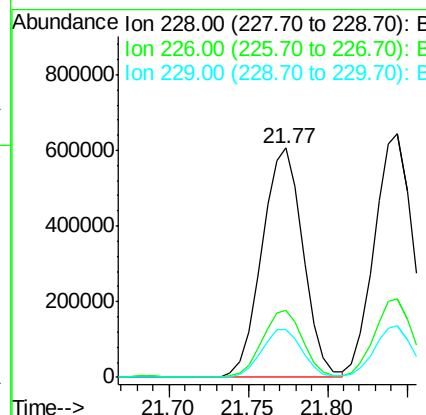
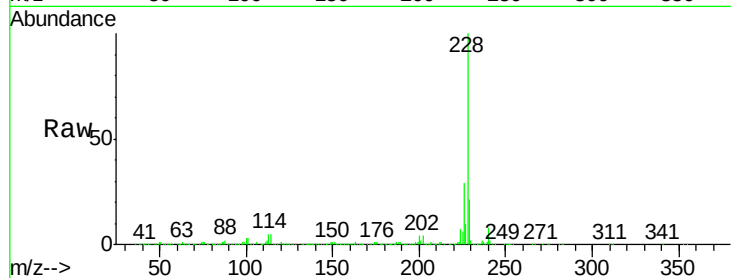




#81
Benzo(a)anthracene
Concen: 39.411 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

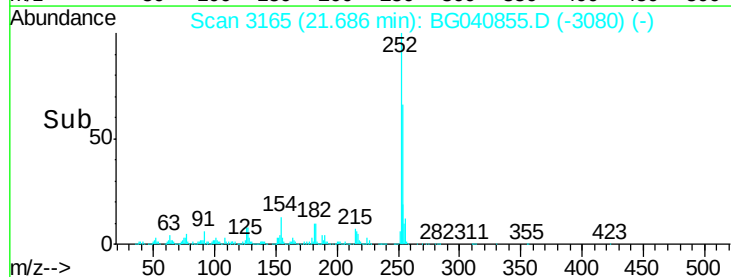
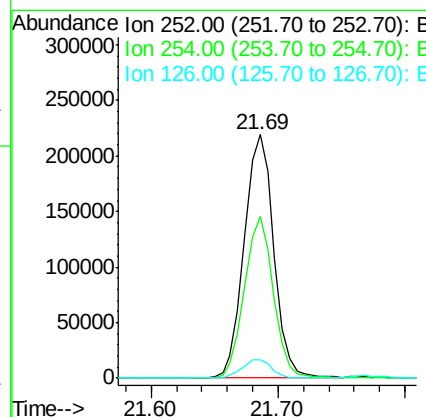
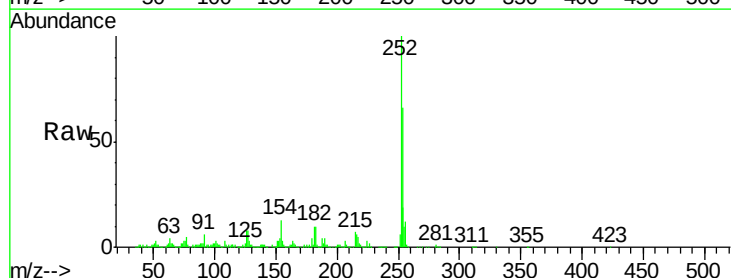
Instrument :
BNA_G
ClientSampleId :
PB119611BS

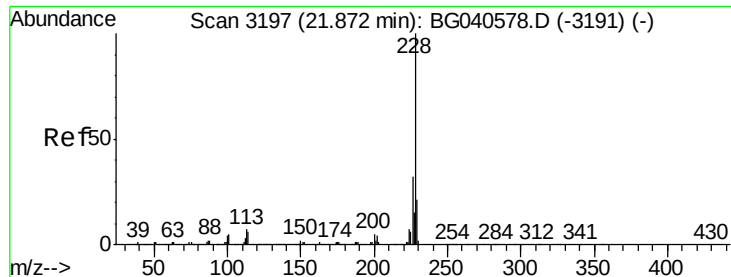
Tgt Ion:228 Resp: 1092600
Ion Ratio Lower Upper
228 100
226 29.4 23.1 34.7
229 21.1 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 35.901 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:252 Resp: 354750
Ion Ratio Lower Upper
252 100
254 66.2 51.2 76.8
126 7.5 6.6 10.0





#83

Chrysene

Concen: 41.208 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

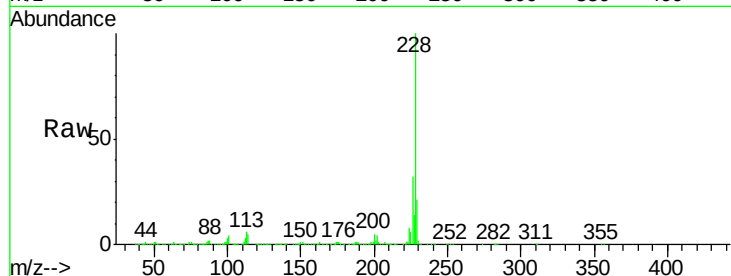
BNA_G

ClientSampleId :

PB119611BS

Tgt Ion:228 Resp: 1086471

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	21.4	16.8	25.2



Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.84

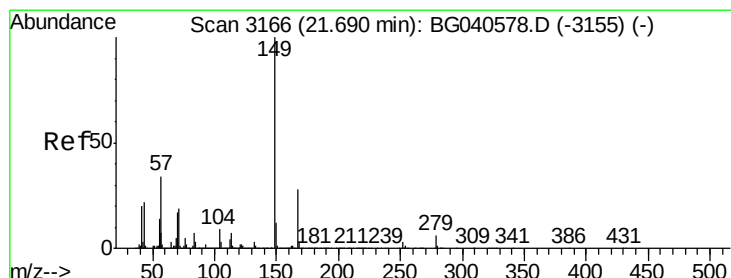
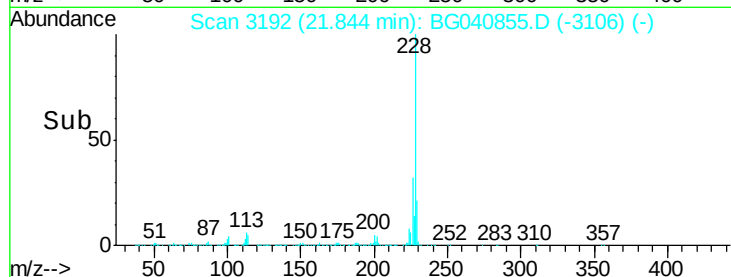
600000

400000

200000

0

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.376 ng

RT: 21.64 min Scan# 3158

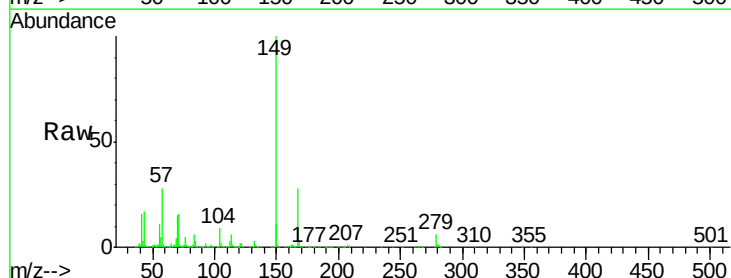
Delta R.T. -0.05 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Tgt Ion:149 Resp: 593593

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.4	33.6
279	6.3	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

21.64

600000

500000

400000

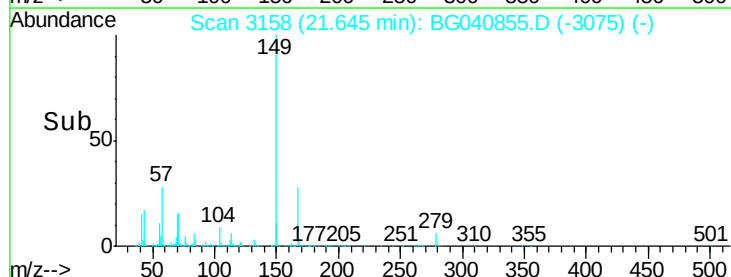
300000

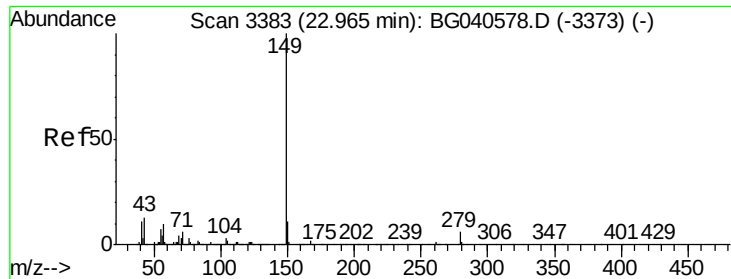
200000

100000

0

Time-->





#85

Di-n-octyl phthalate

Concen: 38.460 ng

RT: 22.90 min Scan# 3371

Delta R.T. -0.07 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

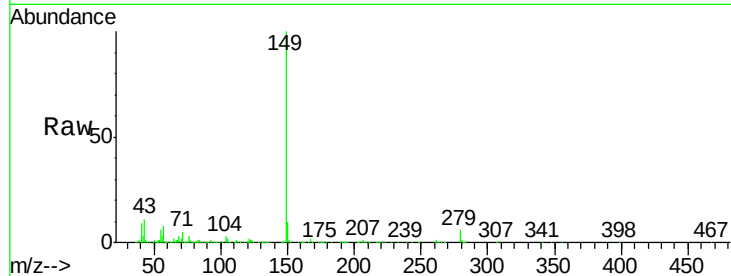
Tgt Ion:149 Resp: 1001894

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

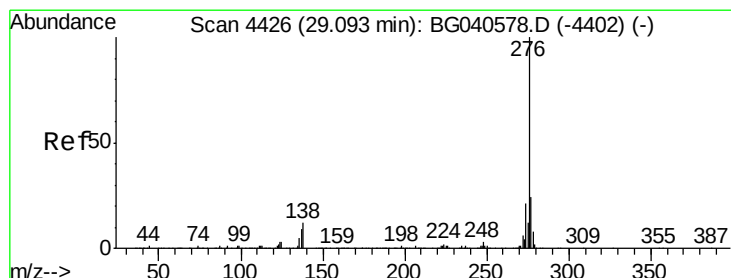
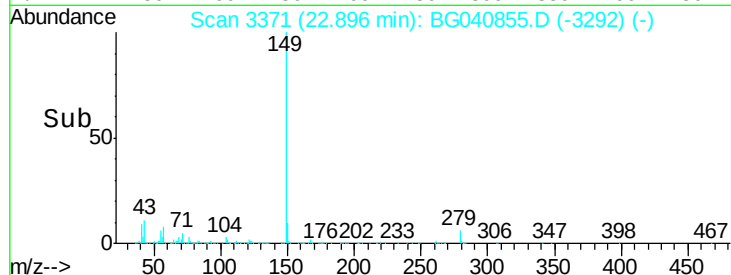
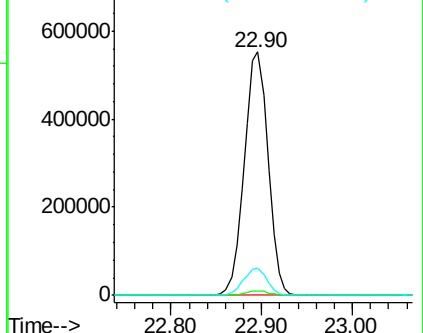
43 10.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.296 ng

RT: 28.99 min Scan# 4409

Delta R.T. -0.10 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

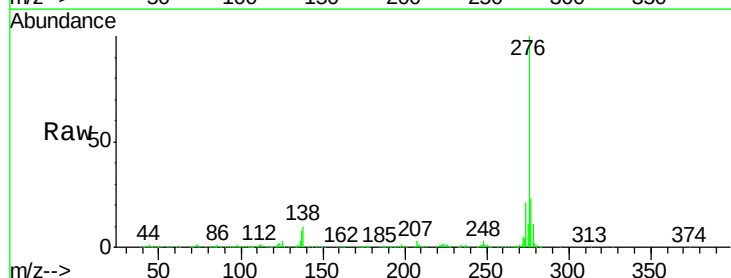
Tgt Ion:276 Resp: 1284534

Ion Ratio Lower Upper

276 100

138 7.9 9.8 14.6#

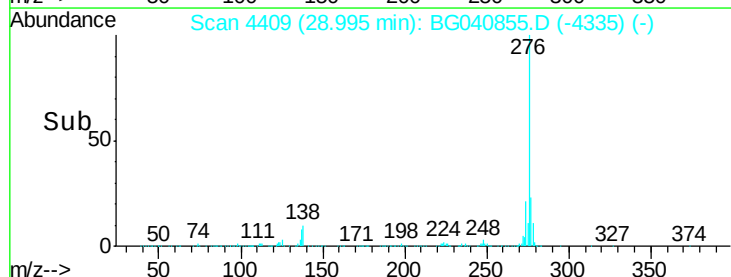
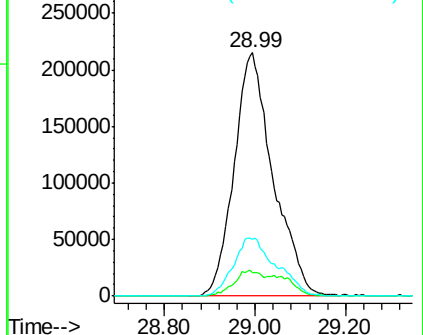
277 26.2 17.3 25.9#

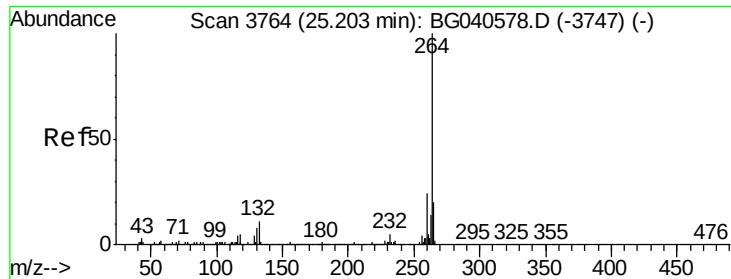


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

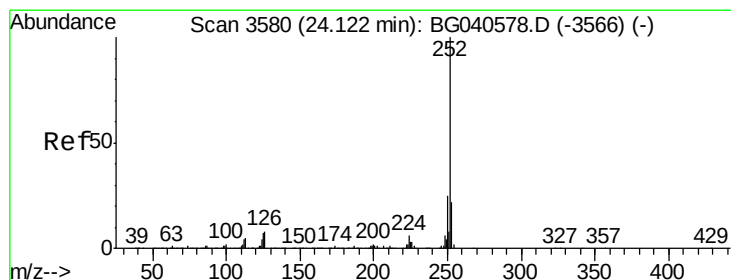
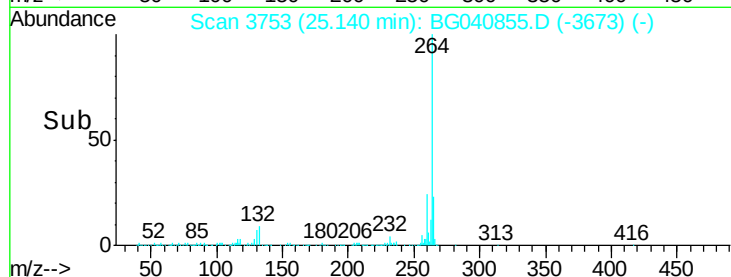
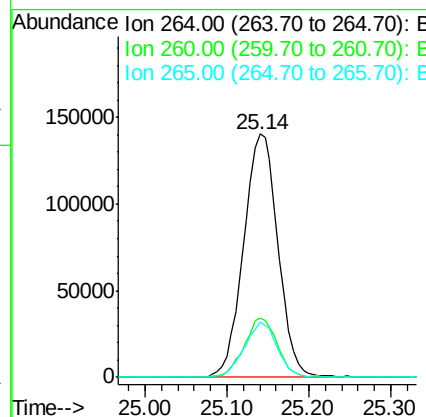
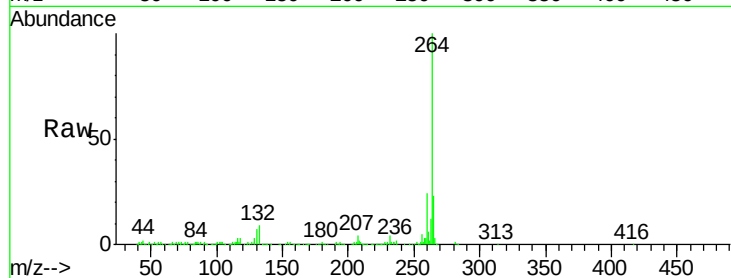




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. -0.06 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

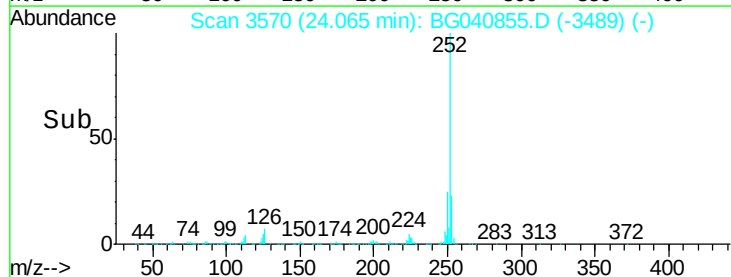
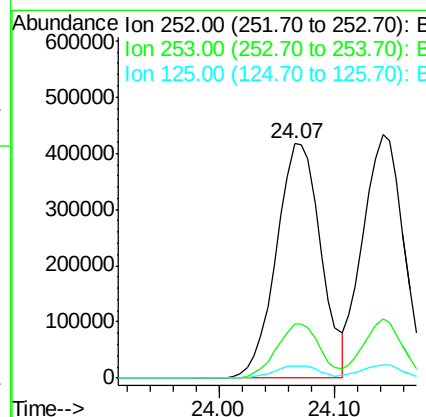
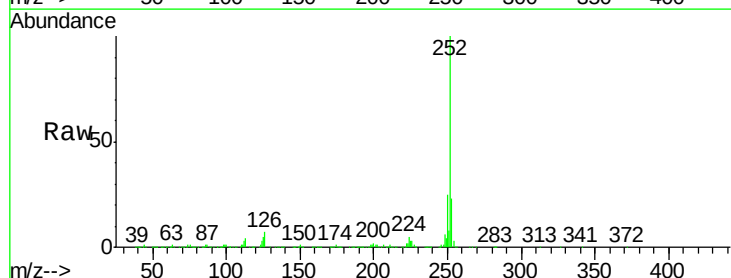
Instrument :
BNA_G
ClientSampleId :
PB119611BS

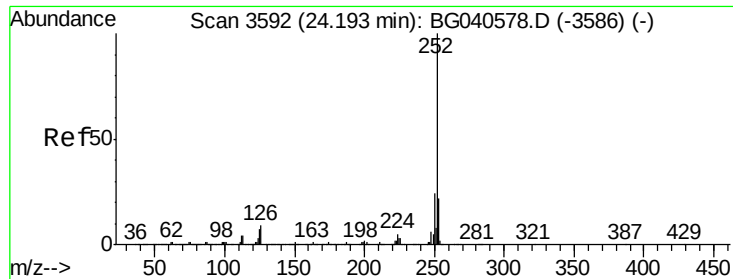
Tgt Ion:264 Resp: 408731
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.7 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 44.837 ng
RT: 24.07 min Scan# 3570
Delta R.T. -0.06 min
Lab File: BG040855.D
Acq: 10 May 2019 21:19

Tgt Ion:252 Resp: 1119890
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 5.0 5.4 8.0#





#89

Benzo(k)fluoranthene

Concen: 45.714 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.05 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

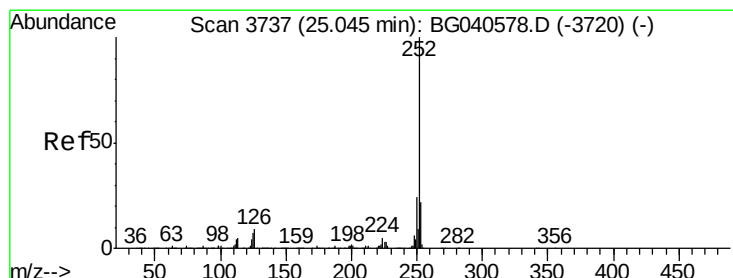
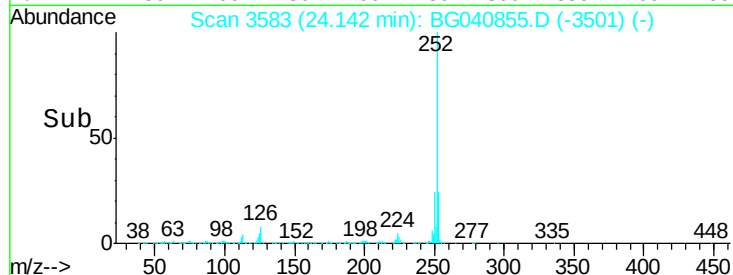
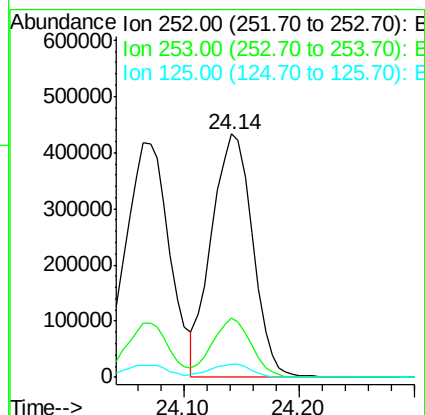
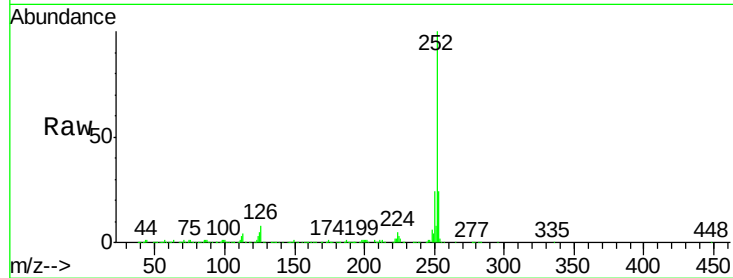
Tgt Ion:252 Resp: 1066327

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

125 5.3 5.5 8.3#



#90

Benzo(a)pyrene

Concen: 45.728 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

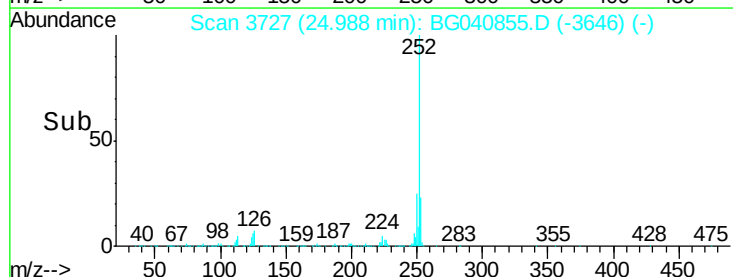
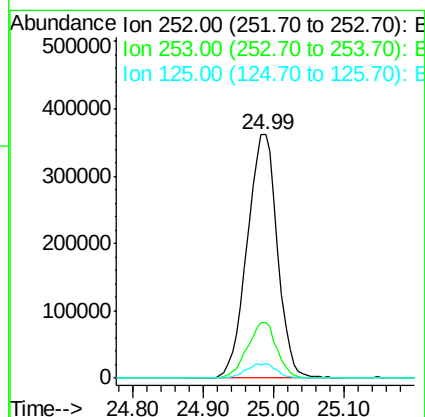
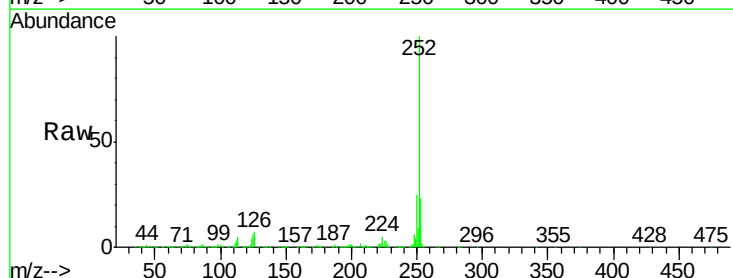
Tgt Ion:252 Resp: 1081147

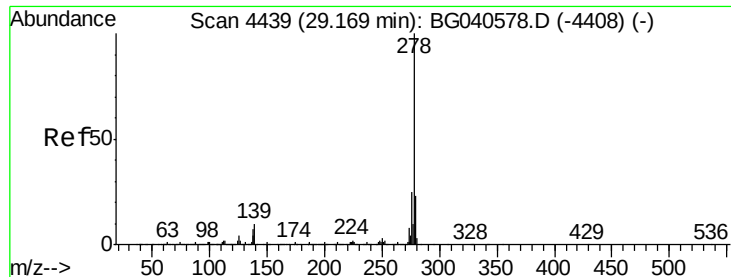
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 5.9 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 44.914 ng

RT: 29.07 min Scan# 4422

Delta R.T. -0.10 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

Instrument :

BNA_G

ClientSampleId :

PB119611BS

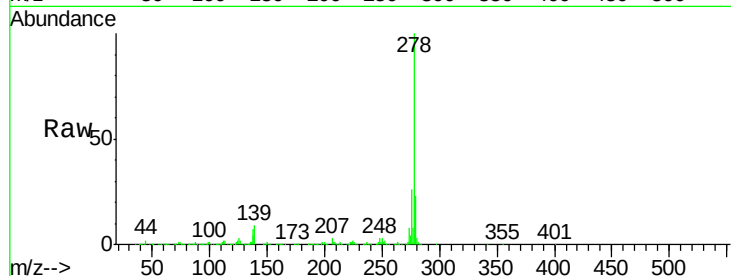
Tgt Ion:278 Resp: 1074604

Ion Ratio Lower Upper

278 100

139 8.7 8.2 12.4

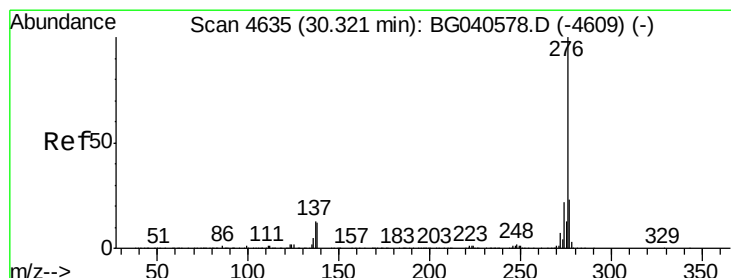
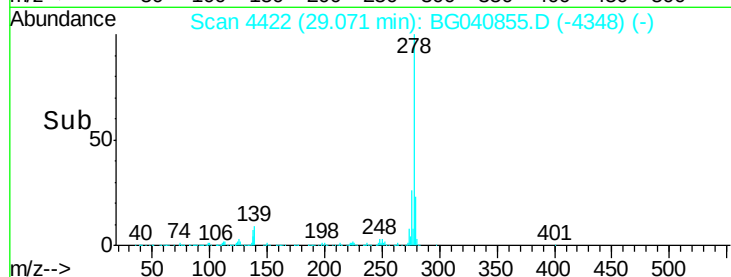
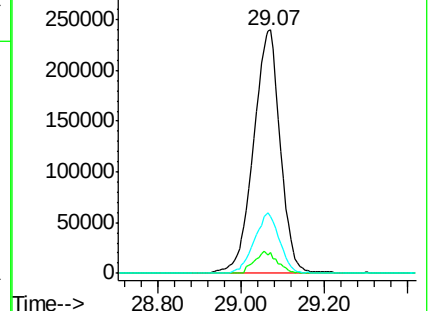
279 23.2 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.074 ng

RT: 30.21 min Scan# 4616

Delta R.T. -0.11 min

Lab File: BG040855.D

Acq: 10 May 2019 21:19

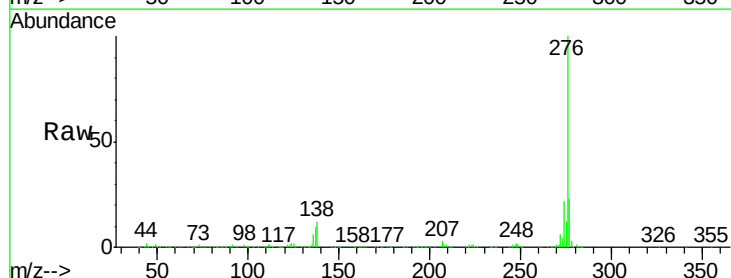
Tgt Ion:276 Resp: 1073300

Ion Ratio Lower Upper

276 100

277 23.1 18.4 27.6

138 11.6 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

