

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040825.D
 Acq On : 9 May 2019 21:03
 Operator : HP/JU
 Sample : PB119594BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119594BS

Quant Time: May 10 06:23:05 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	48567	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	200385	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	146801	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	415633	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	422626	20.00	ng	-0.03
87) Perylene-d12	25.15	264	426480	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	369506	134.11	ng	-0.01
7) Phenol-d6	7.28	99	545695	128.64	ng	-0.02
23) Nitrobenzene-d5	9.32	82	376212	86.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	307203	152.25	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	850897	83.71	ng	-0.02
79) Terphenyl-d14	20.11	244	1698467	89.03	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	42828	34.180	ng	93
3) Pyridine	3.95	79	123801	34.088	ng	99
4) n-Nitrosodimethylamine	3.87	42	70435	34.964	ng	96
6) Aniline	7.46	93	179027	31.840	ng	98
8) 2-Chlorophenol	7.70	128	135176	40.181	ng	99
9) Benzaldehyde	7.28	77	75076	26.524	ng	96
10) Phenol	7.31	94	189250	41.501	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	124539	36.420	ng	99
12) 1,3-Dichlorobenzene	8.03	146	139064	37.872	ng	96
13) 1,4-Dichlorobenzene	8.18	146	140571	37.764	ng	99
14) 1,2-Dichlorobenzene	8.50	146	139283	38.800	ng	98
15) Benzyl Alcohol	8.38	79	156493	35.454	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213649	31.381	ng	97
17) 2-Methylphenol	8.57	107	128890	39.939	ng	93
18) Hexachloroethane	9.23	117	55133	36.107	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	121818	31.900	ng	94
20) 3+4-Methylphenols	8.90	107	181394	40.349	ng	98
22) Acetophenone	8.97	105	227166	40.768	ng	# 96
24) Nitrobenzene	9.36	77	189787	41.017	ng	95
25) Isophorone	9.88	82	351361	36.372	ng	99
26) 2-Nitrophenol	10.07	139	78222	47.161	ng	95
27) 2,4-Dimethylphenol	10.11	122	145939	46.896	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	180429	37.227	ng	98
29) 2,4-Dichlorophenol	10.60	162	158570	44.820	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	169368	43.169	ng	96
31) Naphthalene	11.02	128	423270	39.759	ng	99
32) Benzoic acid	10.22	122	72217	33.898	ng	84
33) 4-Chloroaniline	11.12	127	142196	30.126	ng	99
34) Hexachlorobutadiene	11.28	225	120666	41.659	ng	98
35) Caprolactam	11.91	113	57903	41.454	ng	91
36) 4-Chloro-3-methylphenol	12.22	107	197902	44.341	ng	99
37) 2-Methylnaphthalene	12.61	142	326683	41.042	ng	99
38) 1-Methylnaphthalene	12.83	142	312826	40.208	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	229584	41.981	ng	99

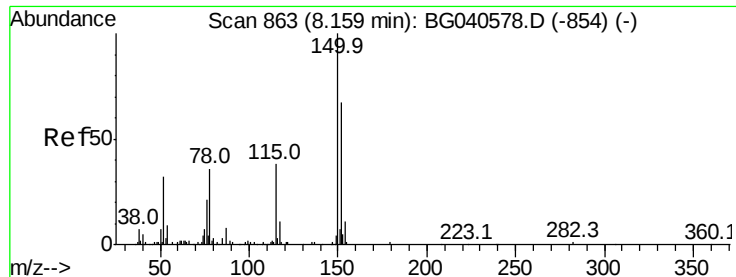
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	280028	86.777	ng	97
43) 2,4,6-Trichlorophenol	13.20	196	159245	48.186	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	177970	49.435	ng	99
46) 1,1'-Biphenyl	13.61	154	444724	39.019	ng	98
47) 2-Chloronaphthalene	13.65	162	374624	41.999	ng	97
48) 2-Nitroaniline	13.86	65	155453	48.960	ng	90
49) Acenaphthylene	14.50	152	604240	39.927	ng	99
50) Dimethylphthalate	14.22	163	521803	42.483	ng	98
51) 2,6-Dinitrotoluene	14.35	165	117169	48.878	ng	92
52) Acenaphthene	14.84	154	350141	39.729	ng	96
53) 3-Nitroaniline	14.68	138	101815	41.453	ng	# 92
54) 2,4-Dinitrophenol	14.88	184	64470	50.519	ng	90
55) Dibenzofuran	15.17	168	619888	42.942	ng	99
56) 4-Nitrophenol	14.96	139	179885	84.462	ng	95
57) 2,4-Dinitrotoluene	15.13	165	174309	53.512	ng	93
58) Fluorene	15.82	166	498386	42.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	185414	51.170	ng	97
60) Diethylphthalate	15.57	149	549105	42.372	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	306091	45.107	ng	97
62) 4-Nitroaniline	15.85	138	128618	46.812	ng	91
63) Azobenzene	16.09	77	526343	39.438	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	69149	35.871	ng	92
66) n-Nitrosodiphenylamine	16.02	169	465710	38.084	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	208149	40.197	ng	94
68) Hexachlorobenzene	16.81	284	214230	40.011	ng	95
69) Atrazine	16.96	200	204017	42.110	ng	96
70) Pentachlorophenol	17.15	266	256256	81.788	ng	98
71) Phenanthrene	17.56	178	896552	40.048	ng	98
72) Anthracene	17.65	178	921042	40.930	ng	99
73) Carbazole	17.92	167	807680	39.396	ng	98
74) Di-n-butylphthalate	18.45	149	974188	39.369	ng	99
75) Fluoranthene	19.56	202	1190739	42.682	ng	99
77) Benzidine	19.74	184	449628	38.856	ng	99
78) Pyrene	19.92	202	1162688	43.894	ng	98
80) Butylbenzylphthalate	20.79	149	443007	42.911	ng	95
81) Benzo(a)anthracene	21.78	228	1133315	42.430	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	337623	35.464	ng	100
83) Chrysene	21.85	228	1126300	44.339	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	618111	41.477	ng	97
85) Di-n-octyl phthalate	22.90	149	1047343	41.730	ng	96
86) Indeno(1,2,3-cd)pyrene	29.00	276	1002246	32.633	ng	# 91
88) Benzo(b)fluoranthene	24.08	252	1110216	42.600	ng	99
89) Benzo(k)fluoranthene	24.15	252	1131454	46.487	ng	98
90) Benzo(a)pyrene	24.99	252	1068682	43.320	ng	99
91) Dibenzo(a,h)anthracene	29.08	278	796744	31.915	ng	97
92) Benzo(g,h,i)perylene	30.22	276	805495	32.420	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

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BNA_G

ClientSampleId :

PB119594BS

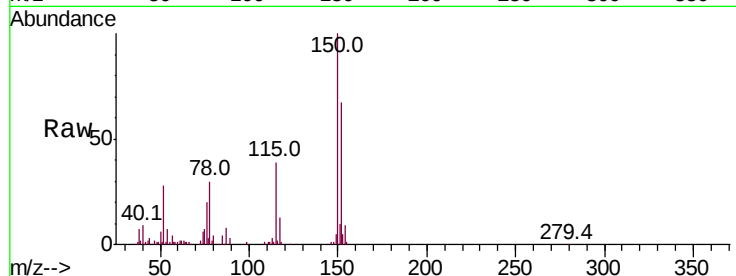
Tot Ion:152 Resp: 48567

Ion Ratio Lower Upper

152 100

150 149.1 120.2 180.2

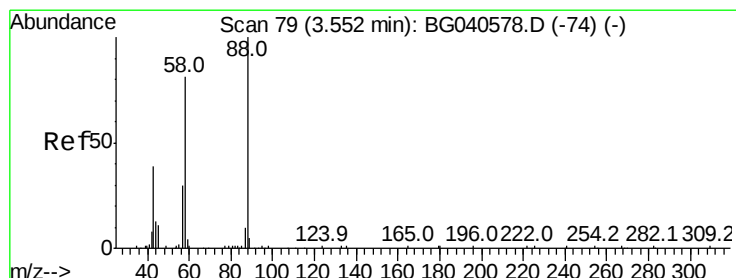
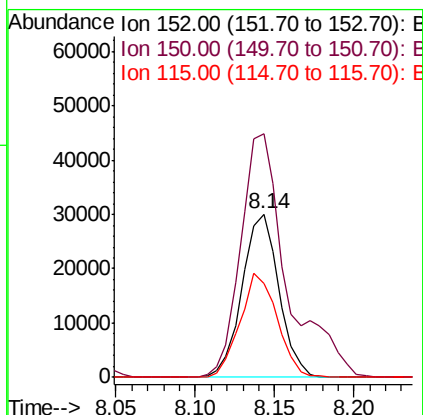
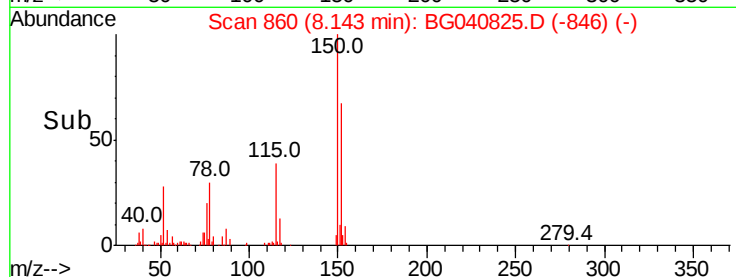
115 57.6 46.2 69.2



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: 34.180 ng

RT: 3.54 min Scan# 76

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

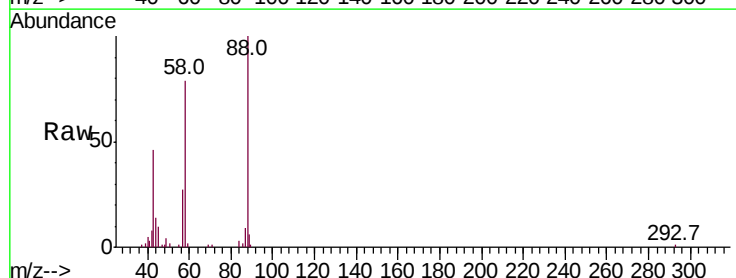
Tgt Ion: 88 Resp: 42828

Ion Ratio Lower Upper

88 100

58 81.4 71.2 106.8

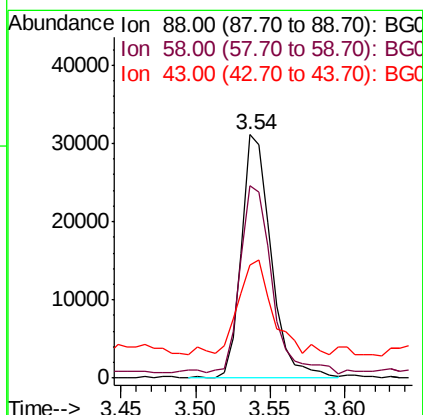
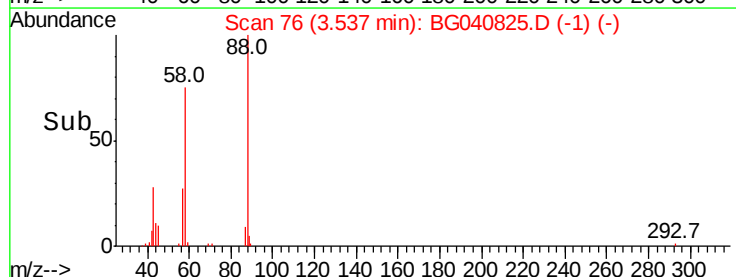
43 46.9 35.6 53.4

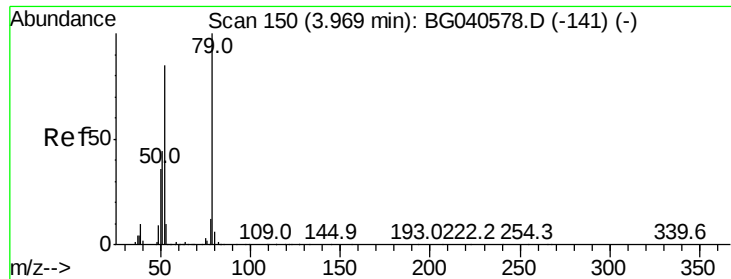


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.088 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

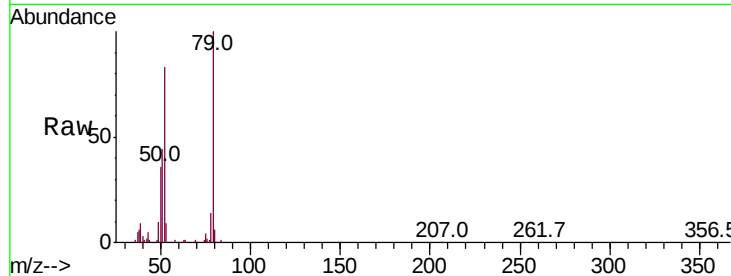
Tot Ion: 79 Resp: 123801

Ion Ratio Lower Upper

79 100

52 83.5 67.5 101.3

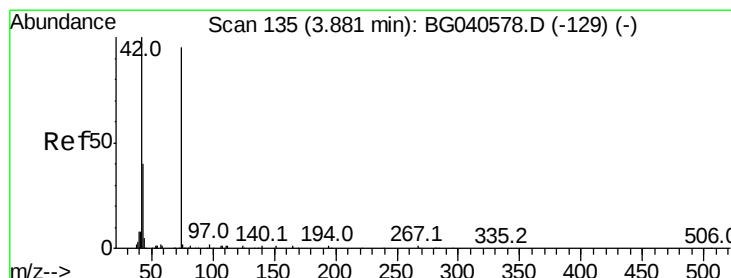
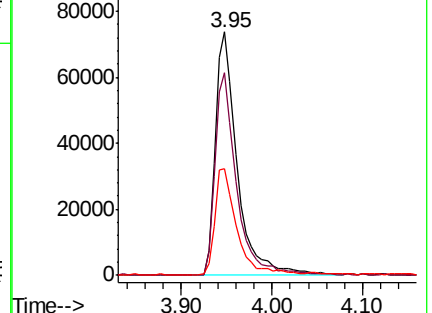
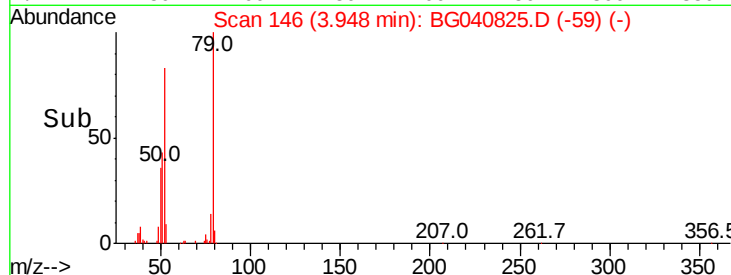
51 43.9 35.6 53.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.964 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

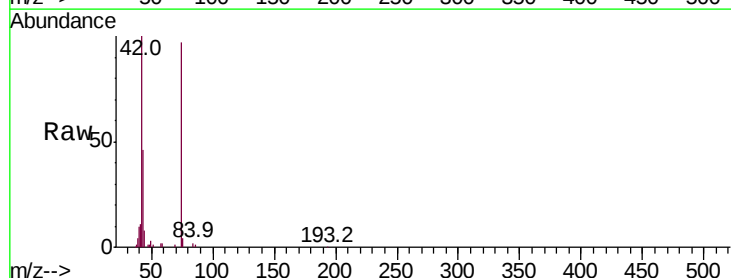
Tgt Ion: 42 Resp: 70435

Ion Ratio Lower Upper

42 100

74 97.1 74.6 111.8

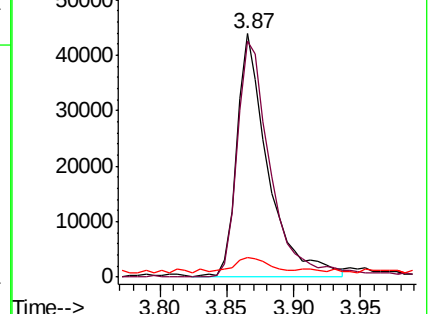
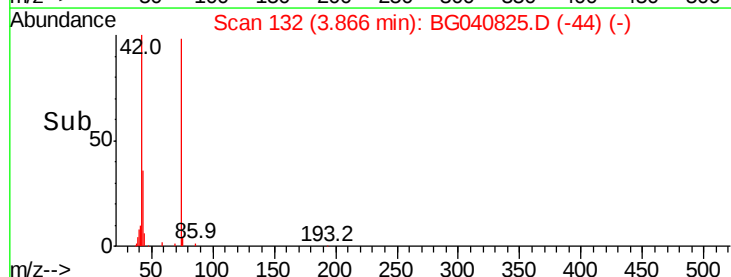
44 8.3 7.4 11.0

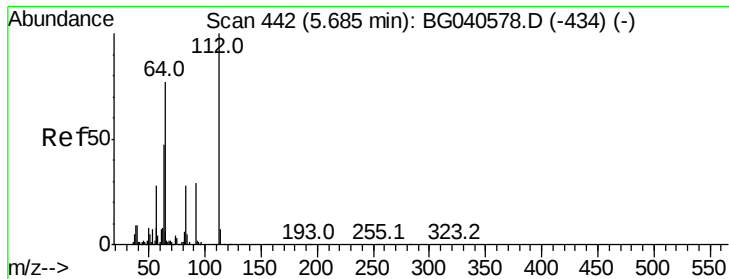


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 134.114 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

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PB119594BS

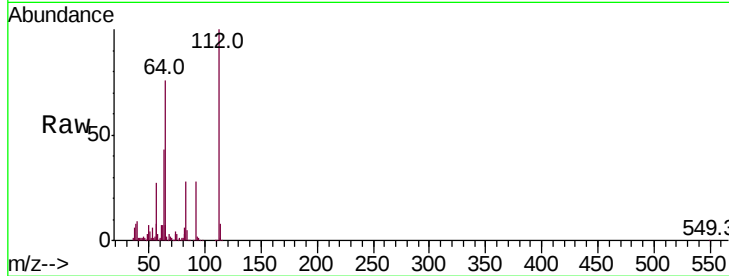
Tot Ion:112 Resp: 369506

Ion Ratio Lower Upper

112 100

64 76.3 61.4 92.0

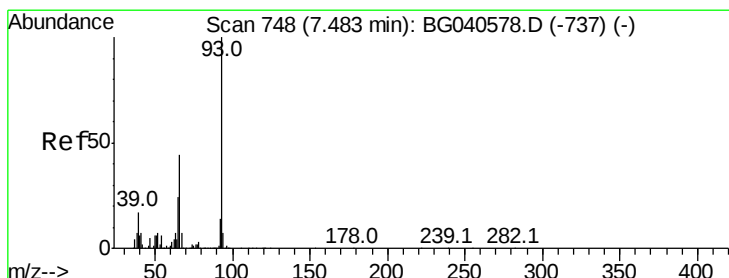
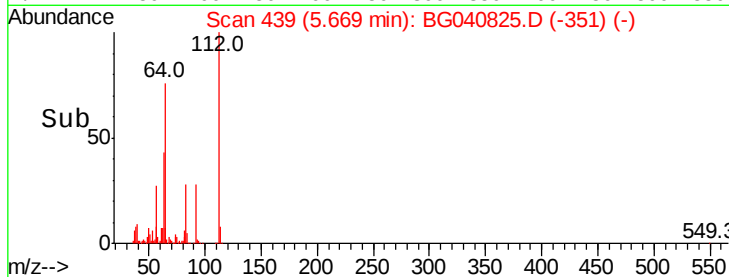
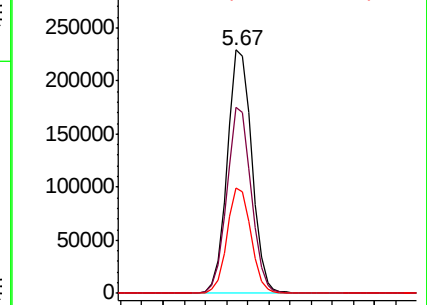
63 43.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.840 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

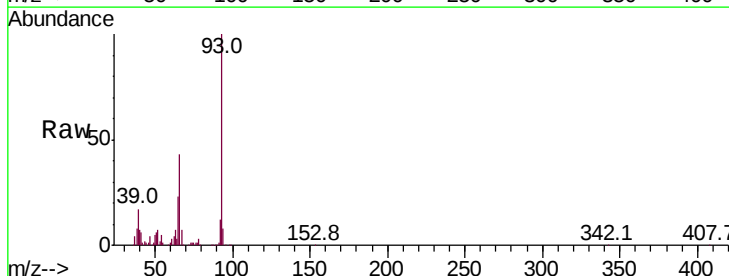
Tgt Ion: 93 Resp: 179027

Ion Ratio Lower Upper

93 100

66 42.8 35.5 53.3

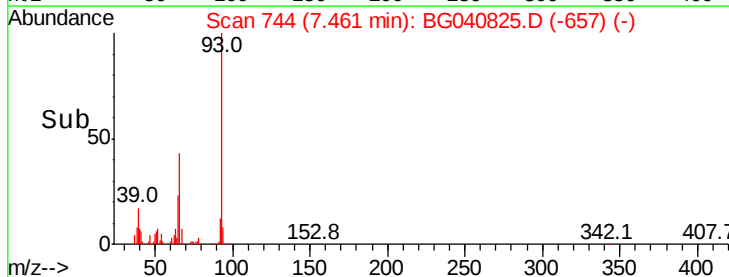
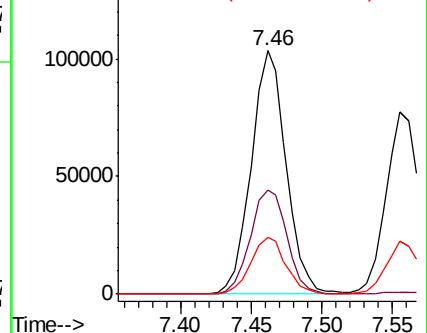
65 23.5 19.2 28.8

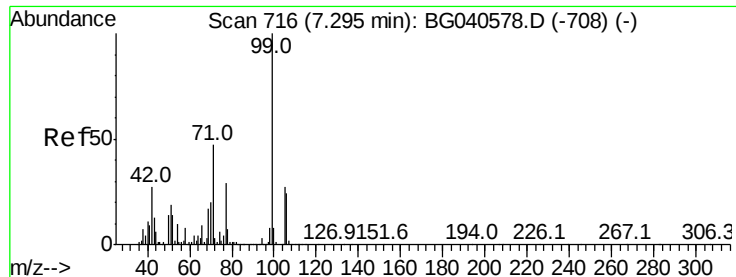


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.636 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

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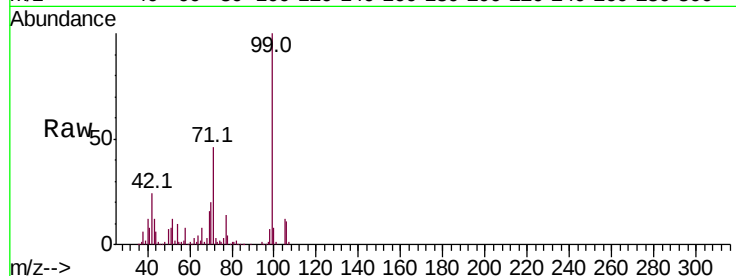
Tot Ion: 99 Resp: 545695

Ion Ratio Lower Upper

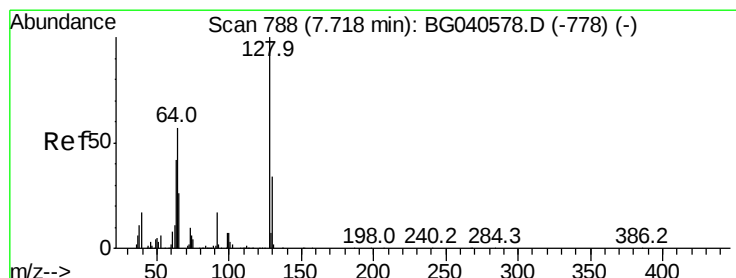
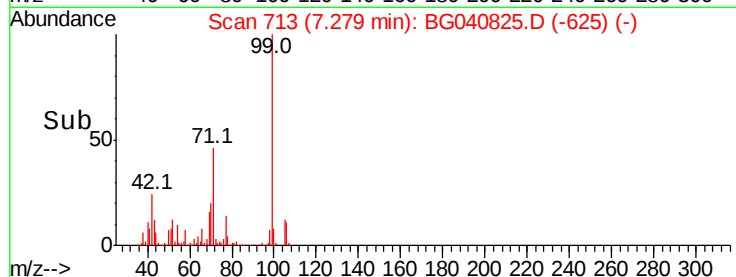
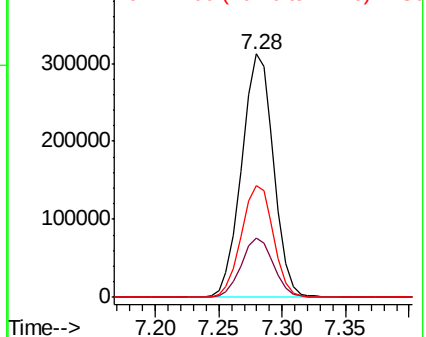
99 100

42 24.1 21.8 32.8

71 45.9 38.6 57.8



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



#8

2-Chlorophenol

Concen: 40.181 ng

RT: 7.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

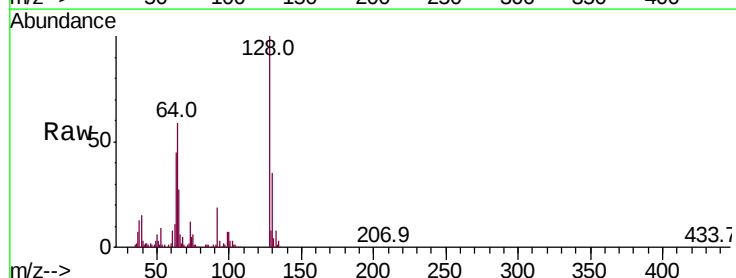
Tgt Ion: 128 Resp: 135176

Ion Ratio Lower Upper

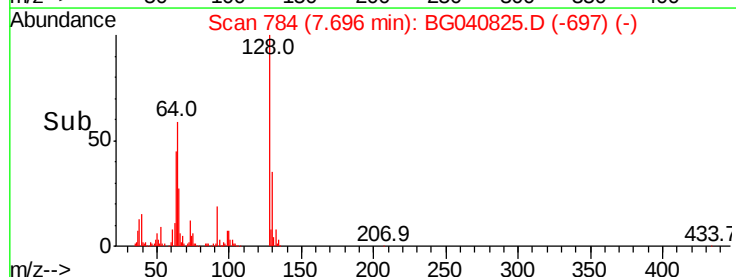
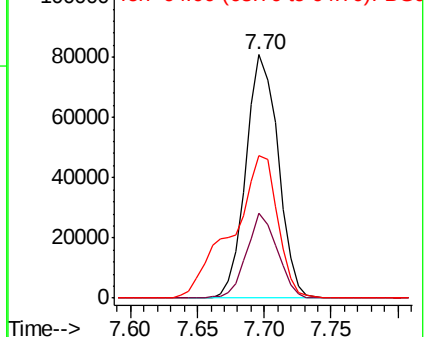
128 100

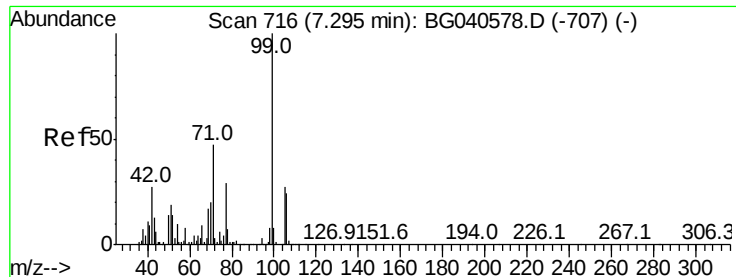
130 35.0 14.5 54.5

64 58.6 38.4 78.4



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





#9

Benzaldehyde

Concen: 26.524 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampled :

PB119594BS

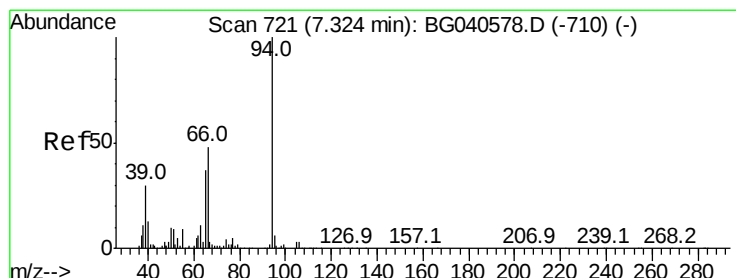
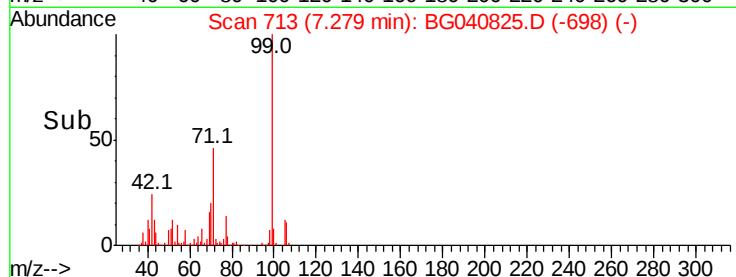
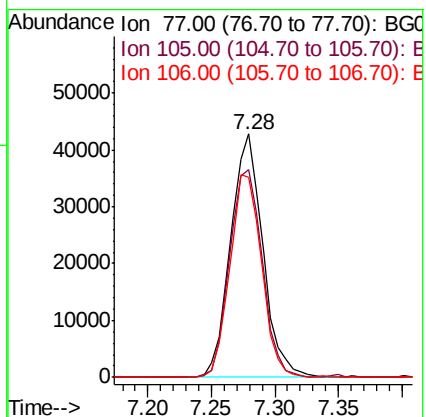
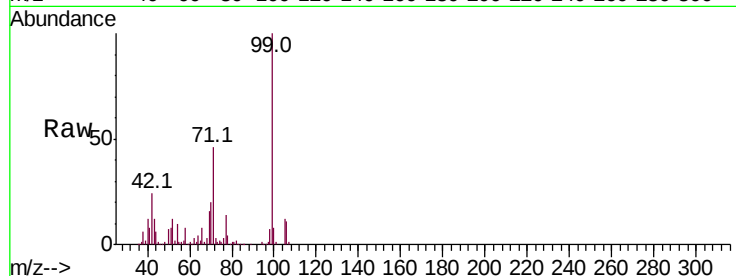
Tot Ion: 77 Resp: 75076

Ion Ratio Lower Upper

77 100

105 85.4 72.0 112.0

106 82.2 61.2 101.2



#10

Phenol

Concen: 41.501 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

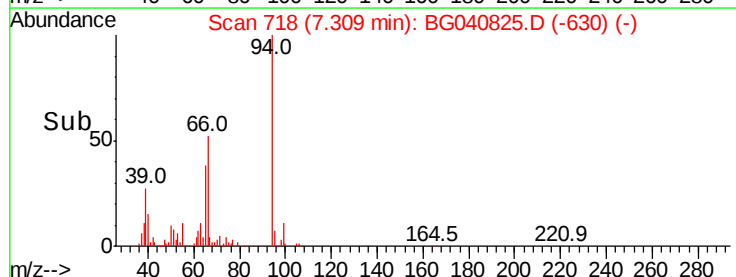
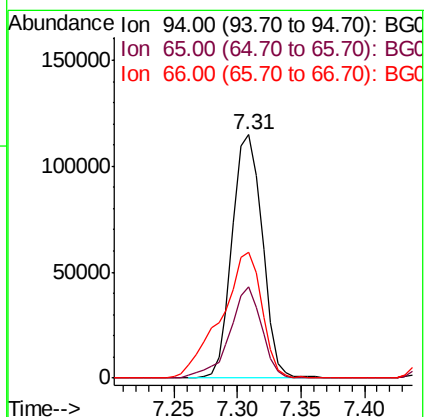
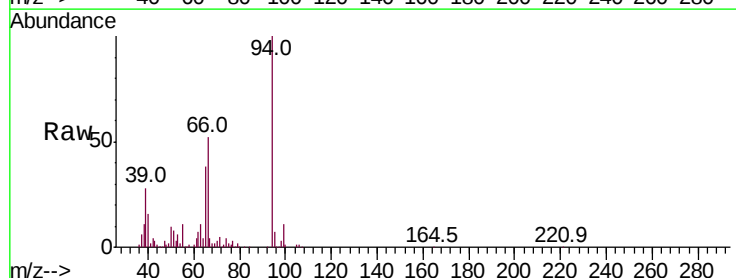
Tgt Ion: 94 Resp: 189250

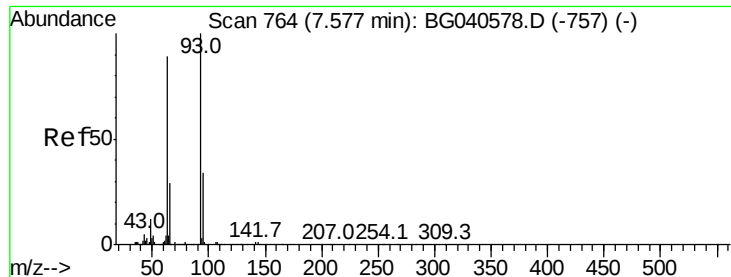
Ion Ratio Lower Upper

94 100

65 37.6 17.0 57.0

66 51.9 28.6 68.6

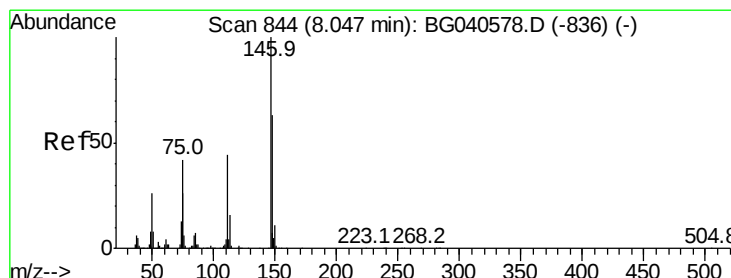
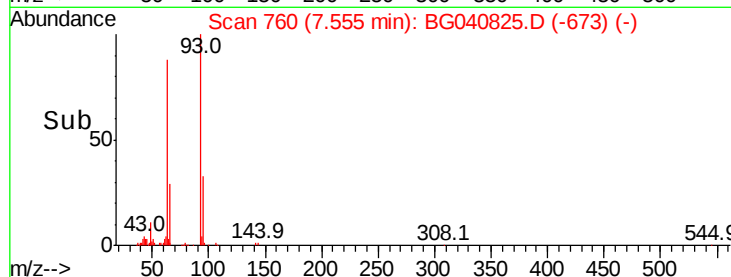
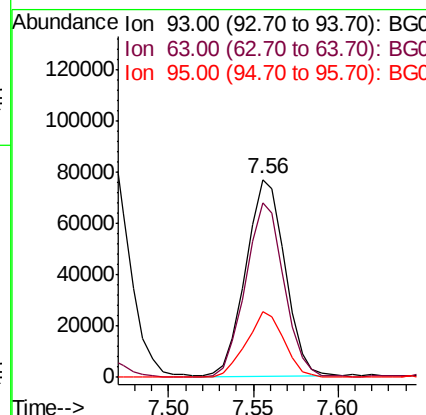
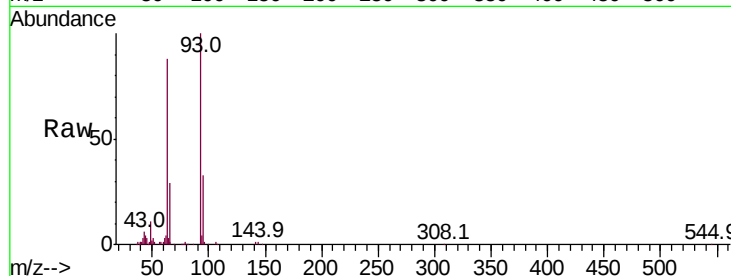




#11
bis(2-Chloroethyl)ether
Concen: 36.420 ng
RT: 7.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

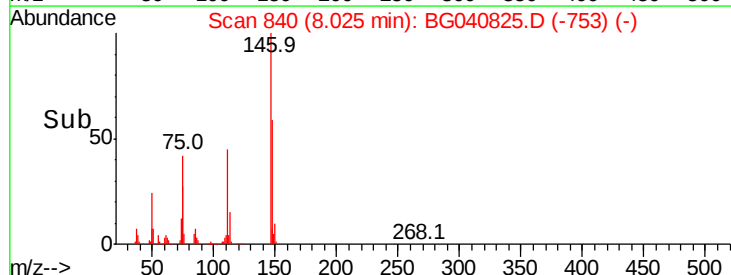
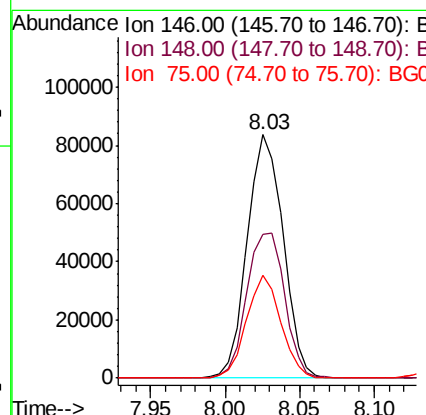
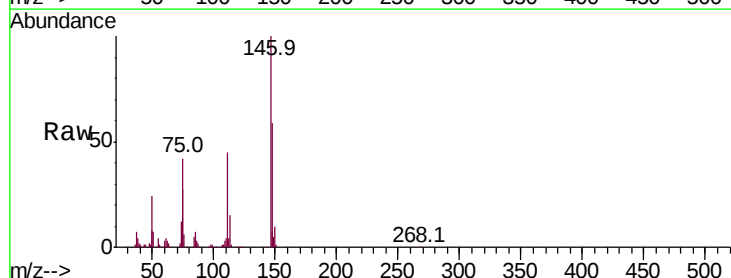
Instrument :
BNA_G
ClientSampleId :
PB119594BS

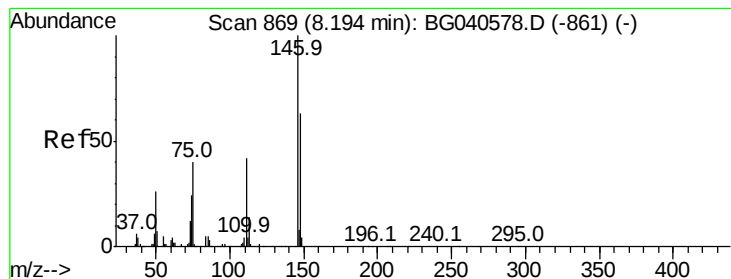
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	68.2	108.2
95	33.3	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 37.872 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.0	50.7	76.1
75	42.2	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 37.764 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

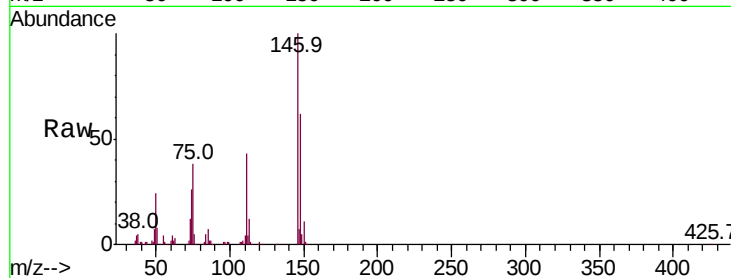
Tot Ion:146 Resp: 140571

Ion Ratio Lower Upper

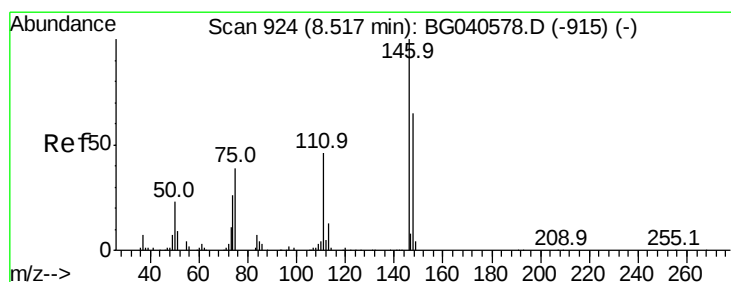
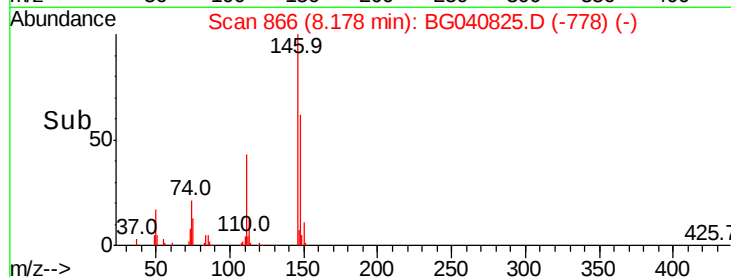
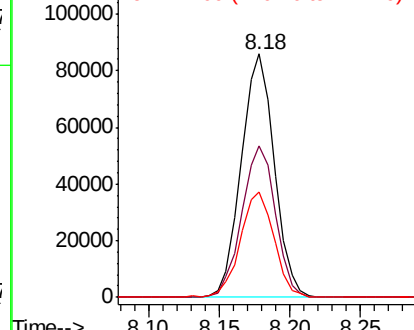
146 100

148 62.1 50.6 75.8

111 43.3 34.3 51.5



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



#14

1,2-Dichlorobenzene

Concen: 38.800 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

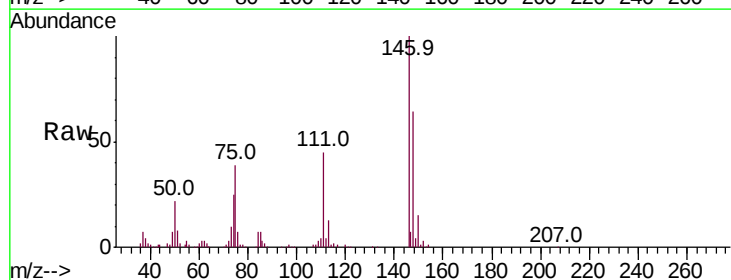
Tgt Ion:146 Resp: 139283

Ion Ratio Lower Upper

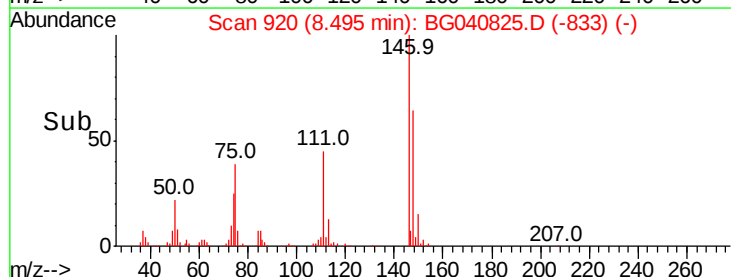
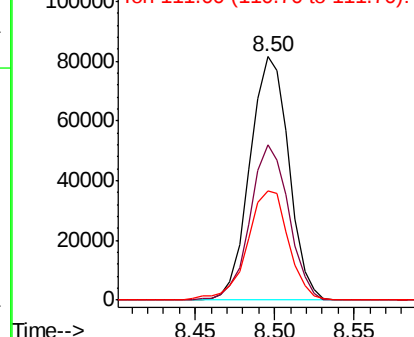
146 100

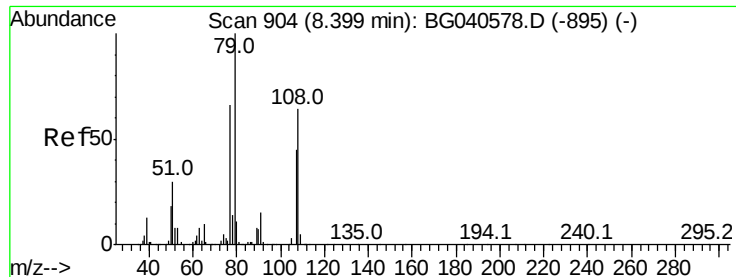
148 63.7 52.2 78.4

111 44.7 37.4 56.0



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





#15

Benzyl Alcohol

Concen: 35.454 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

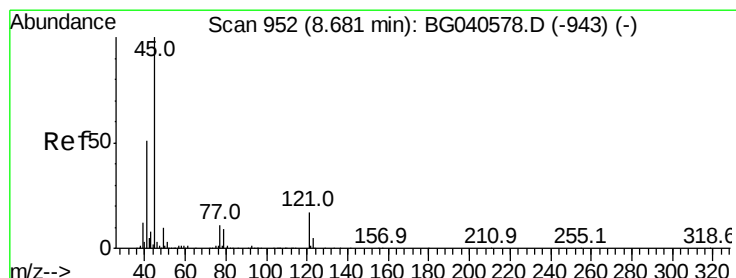
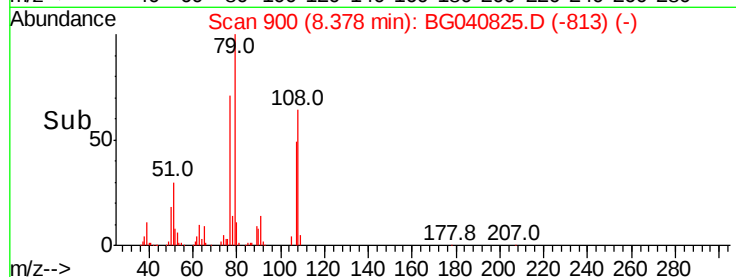
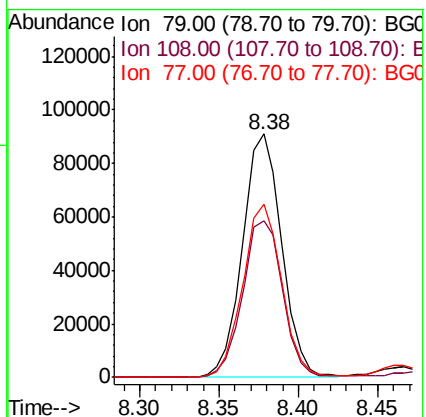
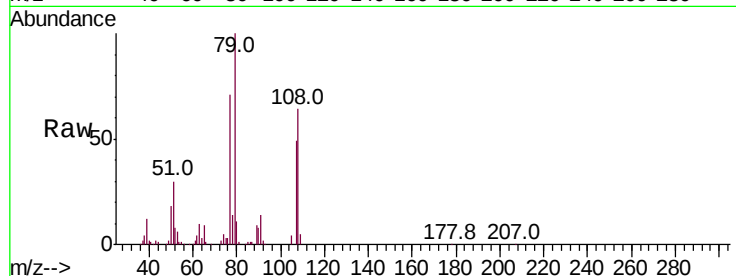
Tot Ion: 79 Resp: 156493

Ion Ratio Lower Upper

79 100

108 64.2 51.4 77.0

77 71.4 52.6 79.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.381 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

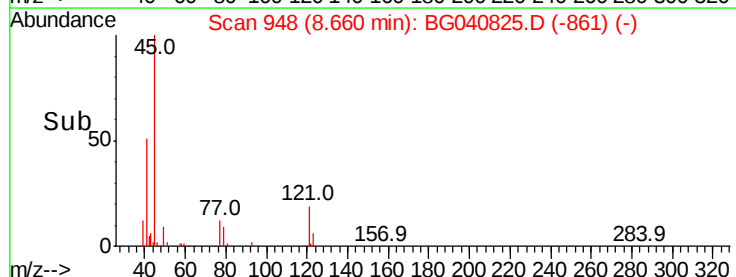
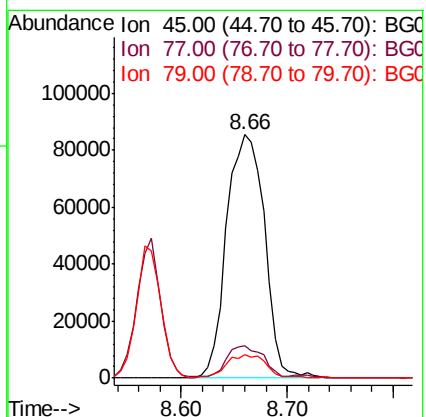
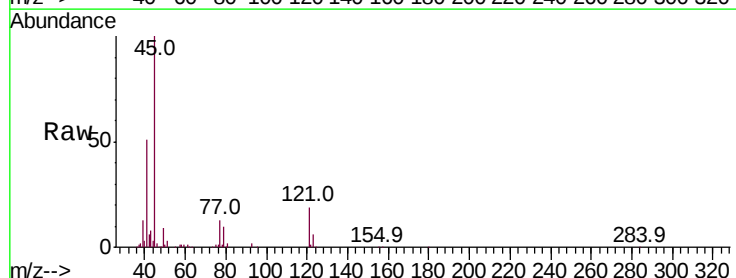
Tgt Ion: 45 Resp: 213649

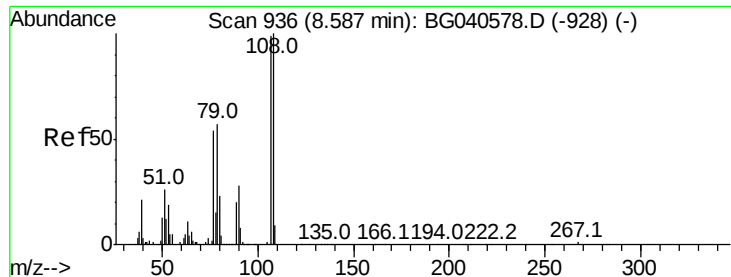
Ion Ratio Lower Upper

45 100

77 13.1 0.0 31.5

79 9.8 0.0 29.4

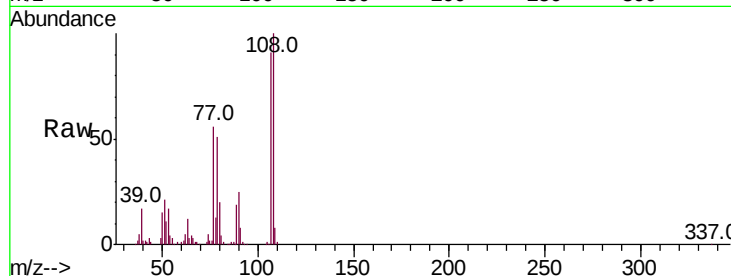




#17
2-Methylphenol
Concen: 39.939 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Instrument :
BNA_G
ClientSampleId :
PB119594BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	81.2	121.8
77	61.9	44.4	66.6
79	56.6	47.0	70.4



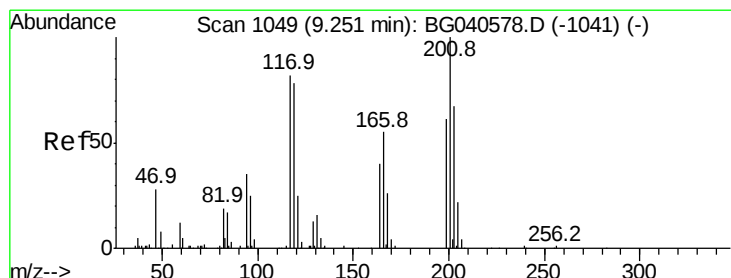
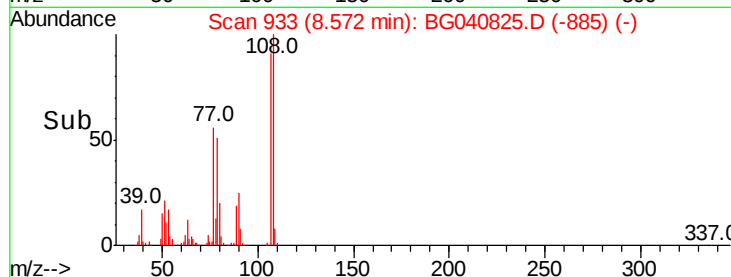
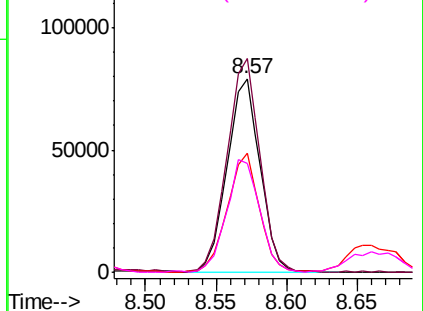
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

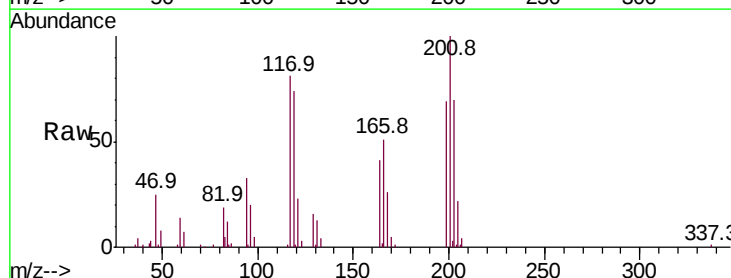
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.107 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.6	114.8
201	126.1	101.0	151.6

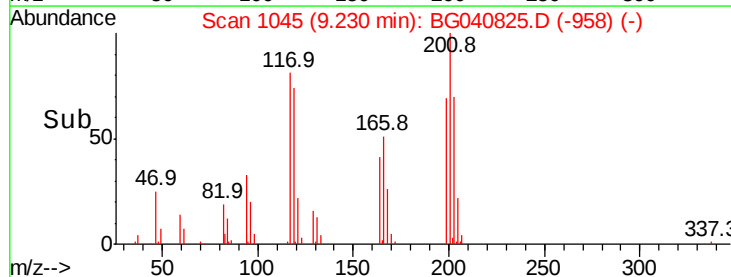
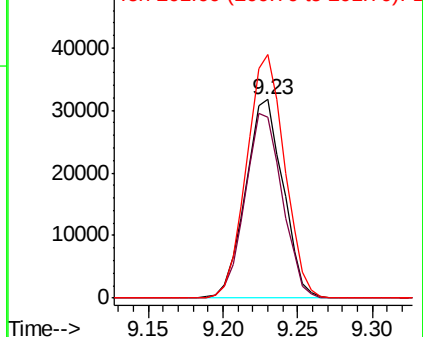


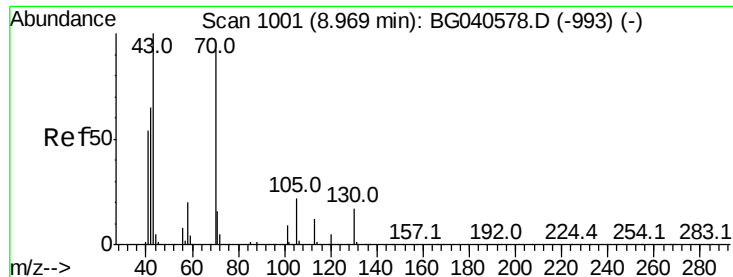
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.900 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

Tot Ion: 70 Resp: 121818

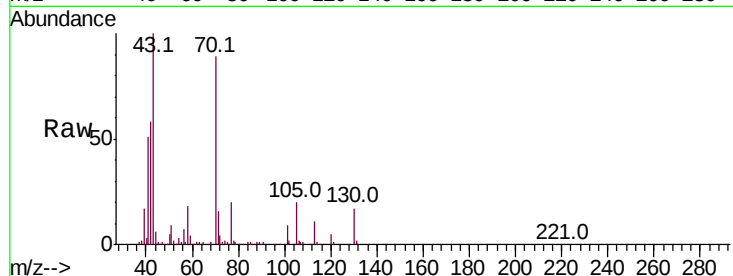
Ion Ratio Lower Upper

70 100

42 65.0 57.1 85.7

101 10.6 7.8 11.8

130 18.7 14.6 21.8

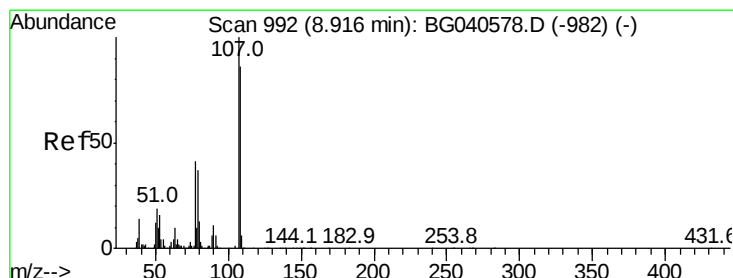
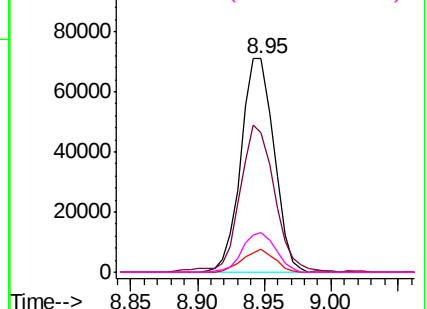
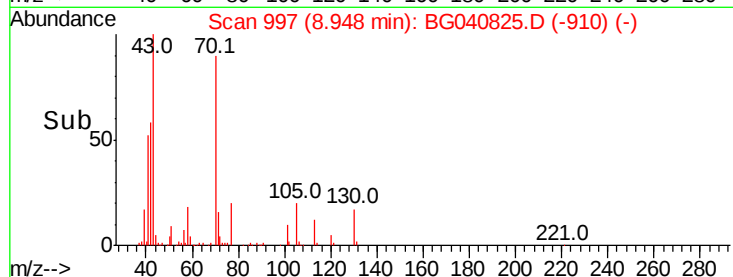


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.349 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:107 Resp: 181394

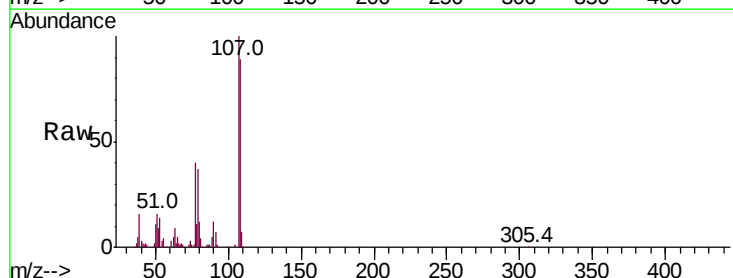
Ion Ratio Lower Upper

107 100

108 89.0 66.1 106.1

77 40.4 21.6 61.6

79 37.2 17.4 57.4

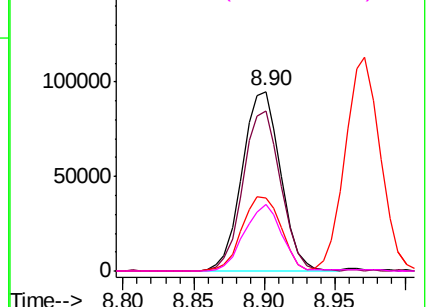
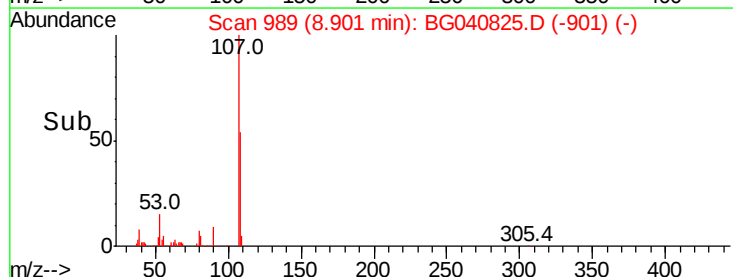


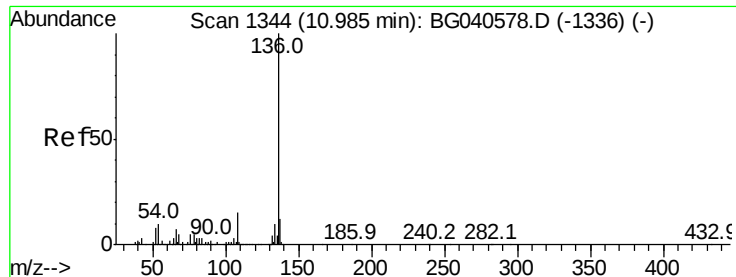
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

Tot Ion:136 Resp: 200385

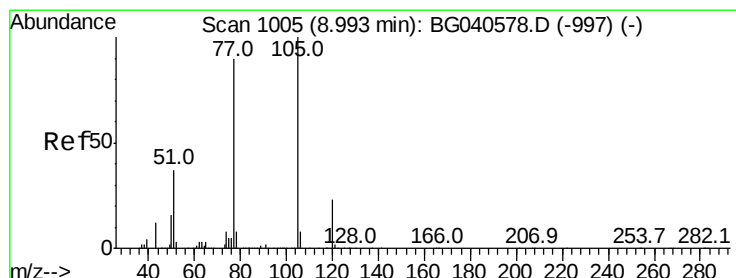
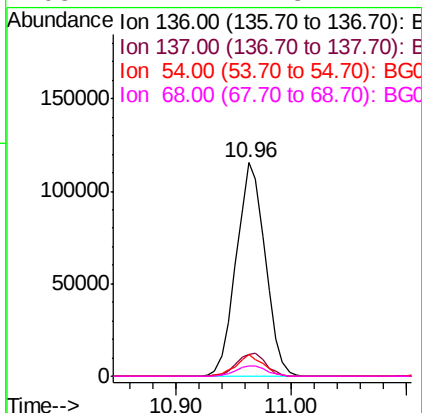
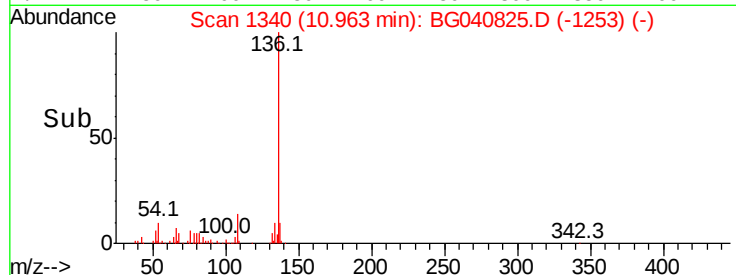
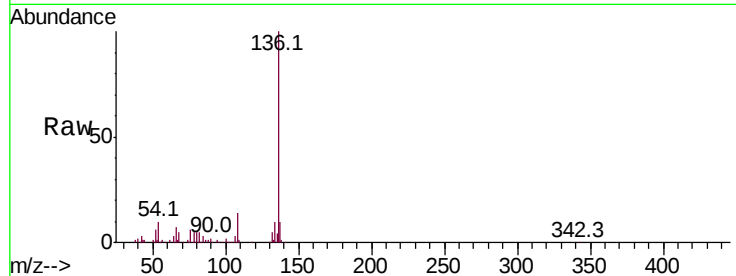
Ion Ratio Lower Upper

136 100

137 10.4 9.7 14.5

54 10.8 8.6 12.8

68 4.7 4.8 7.2#



#22

Acetophenone

Concen: 40.768 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:105 Resp: 227166

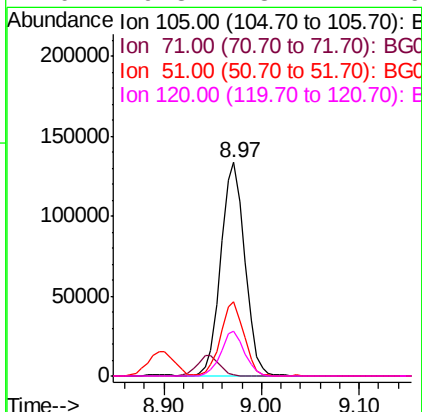
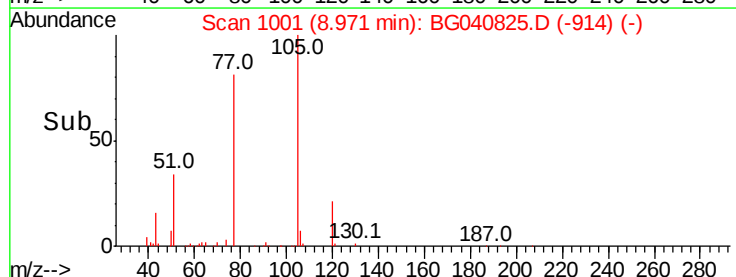
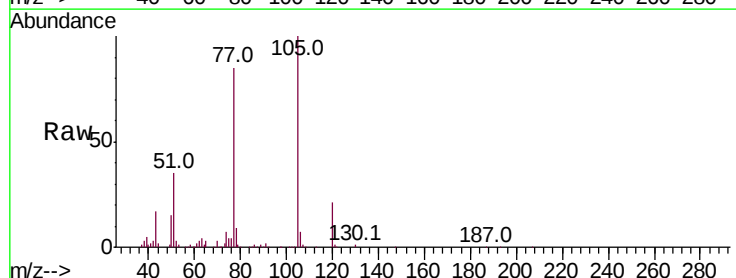
Ion Ratio Lower Upper

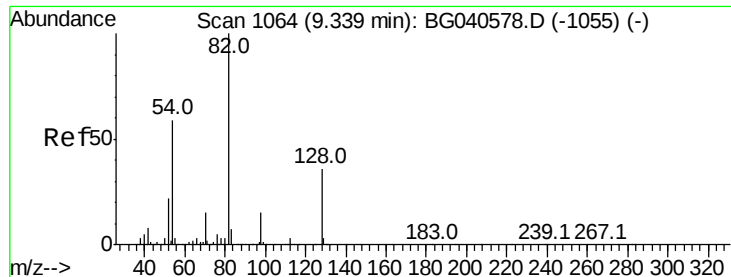
105 100

71 0.7 1.8 2.8#

51 35.0 29.8 44.8

120 20.8 18.4 27.6





#23

Nitrobenzene-d5

Concen: 86.750 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

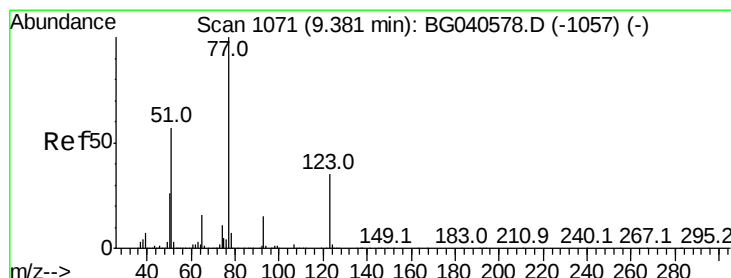
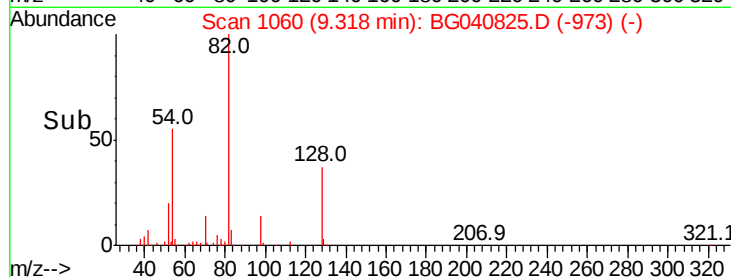
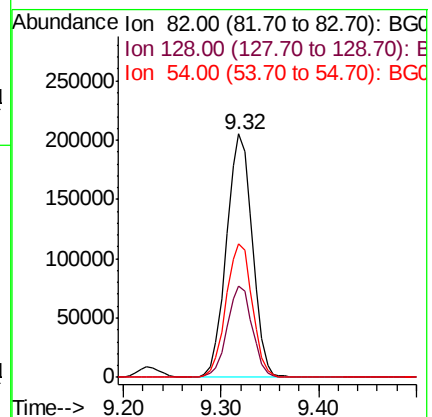
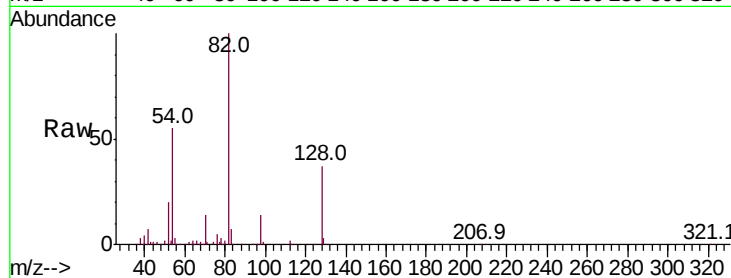
Tot Ion: 82 Resp: 376212

Ion Ratio Lower Upper

82 100

128 37.3 28.9 43.3

54 54.6 47.2 70.8



#24

Nitrobenzene

Concen: 41.017 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

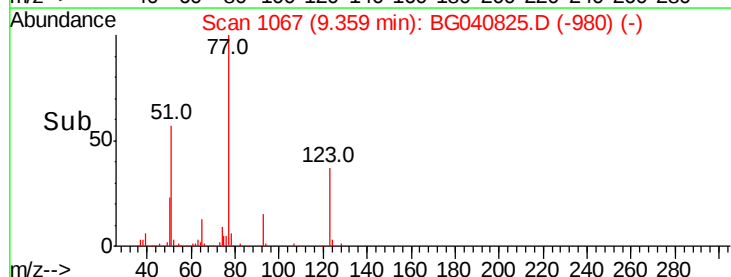
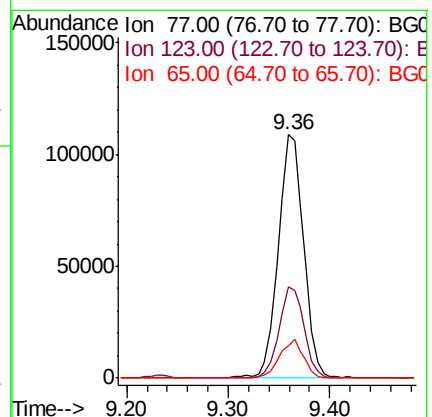
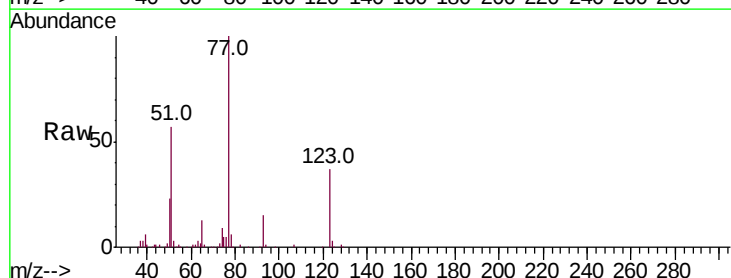
Tgt Ion: 77 Resp: 189787

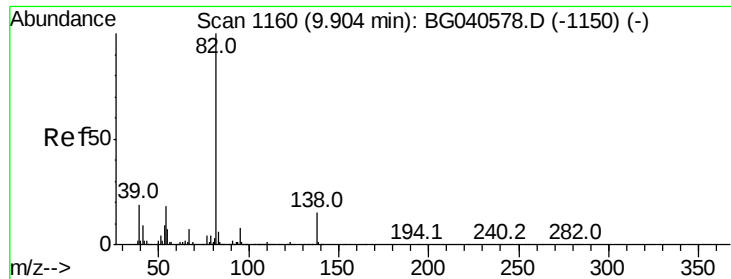
Ion Ratio Lower Upper

77 100

123 37.2 27.8 41.6

65 13.4 12.4 18.6





#25

Isophorone

Concen: 36.372 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

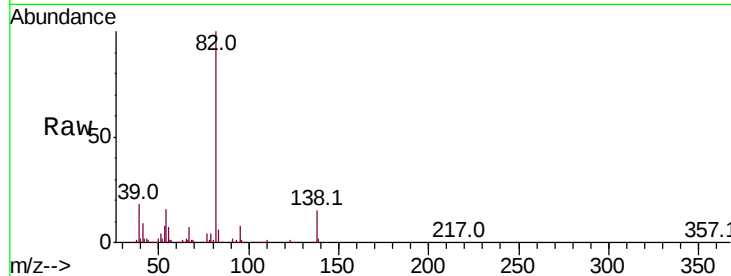
Tot Ion: 82 Resp: 351361

Ion Ratio Lower Upper

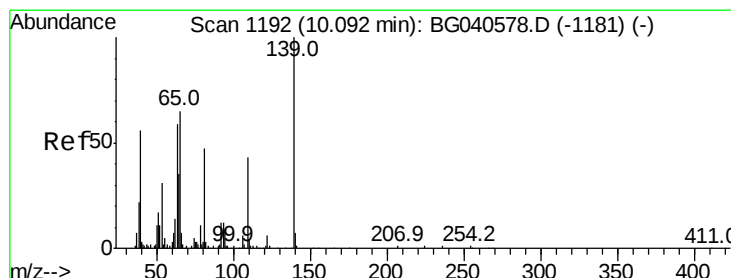
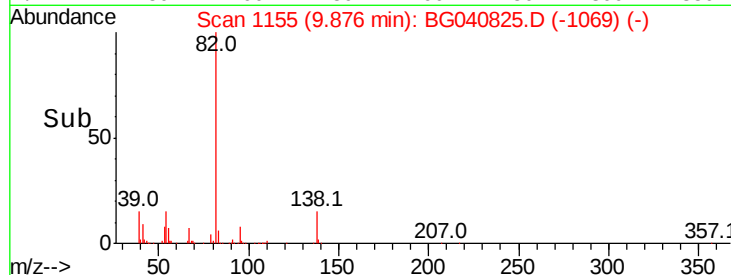
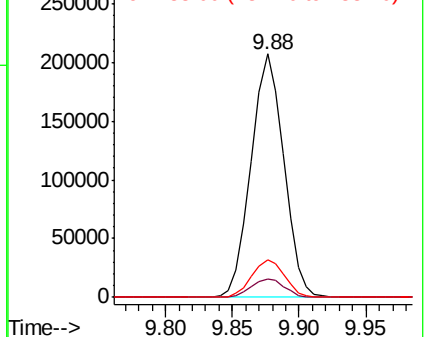
82 100

95 7.5 6.9 10.3

138 15.3 12.3 18.5



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



#26

2-Nitrophenol

Concen: 47.161 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

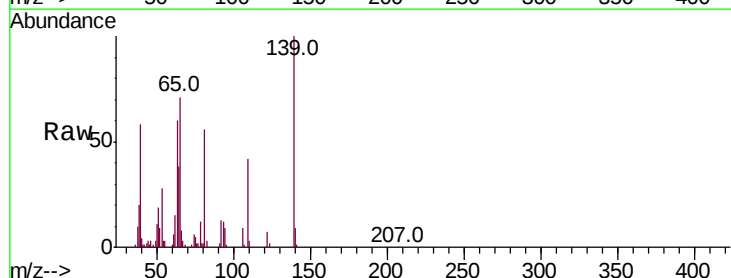
Tgt Ion: 139 Resp: 78222

Ion Ratio Lower Upper

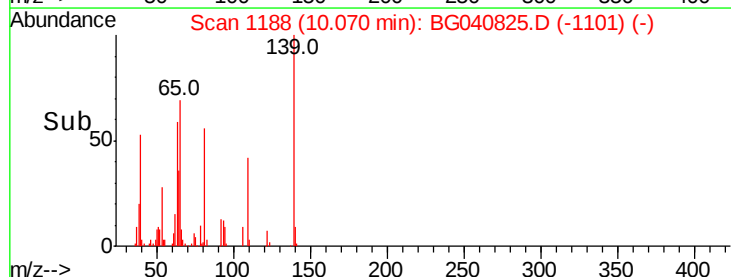
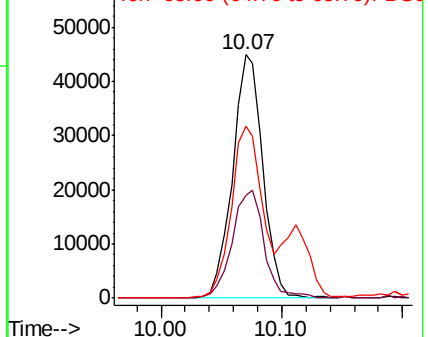
139 100

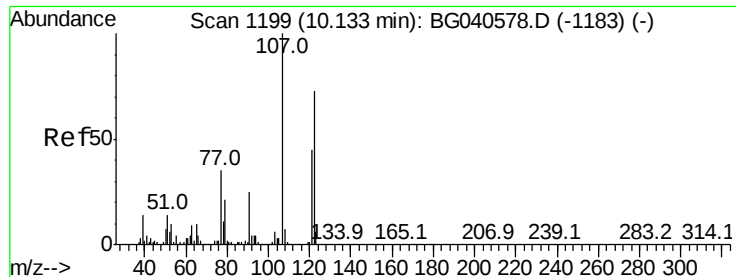
109 42.5 35.6 53.4

65 70.6 52.3 78.5



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

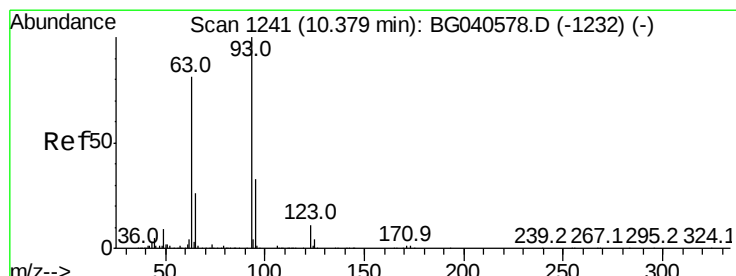
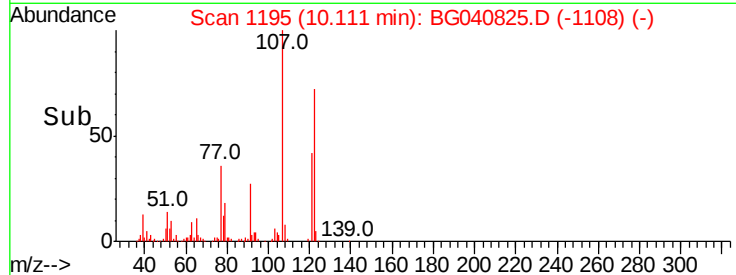
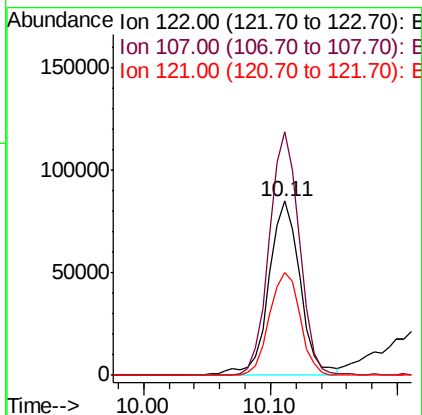
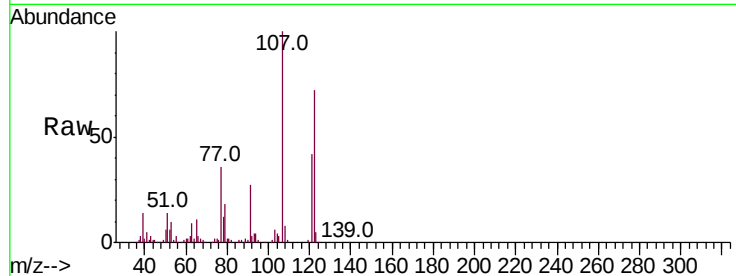




#27
2,4-Dimethylphenol
Concen: 46.896 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

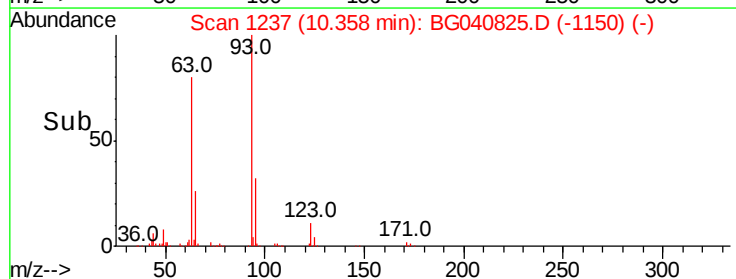
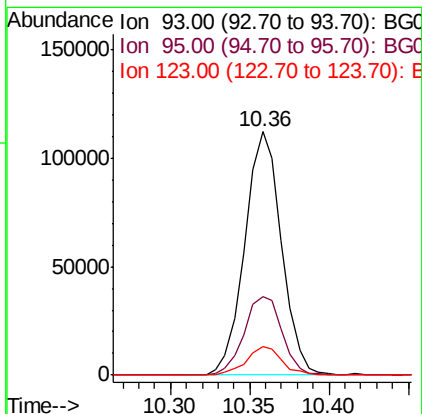
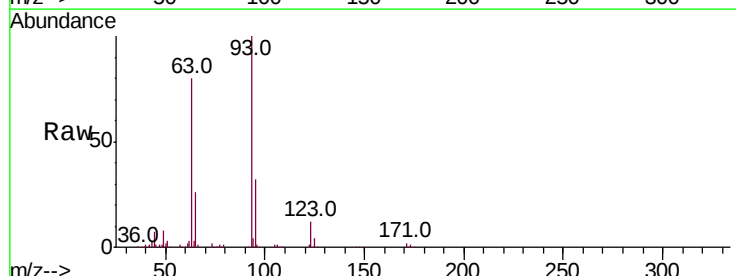
Instrument :
BNA_G
ClientSampleId :
PB119594BS

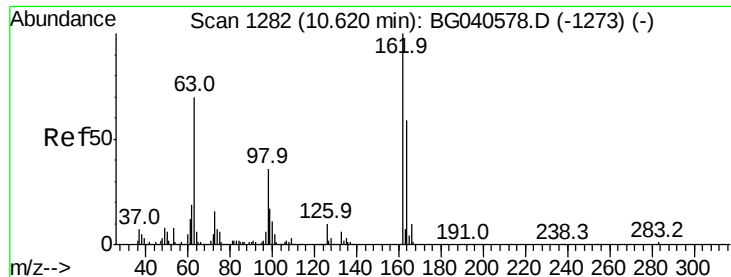
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.8	110.1	165.1
121	59.4	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.227 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	11.6	9.0	13.4

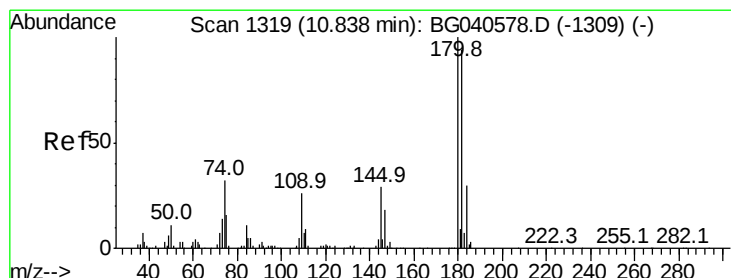
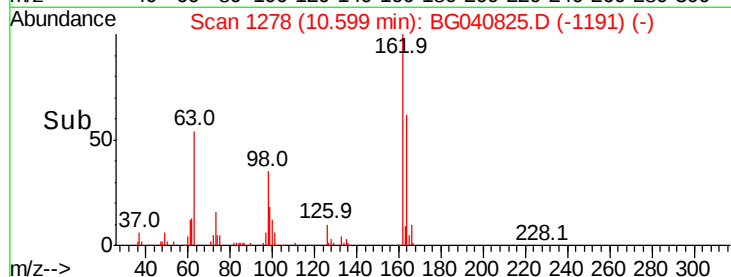
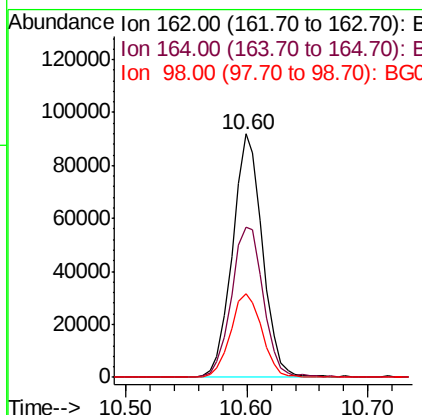
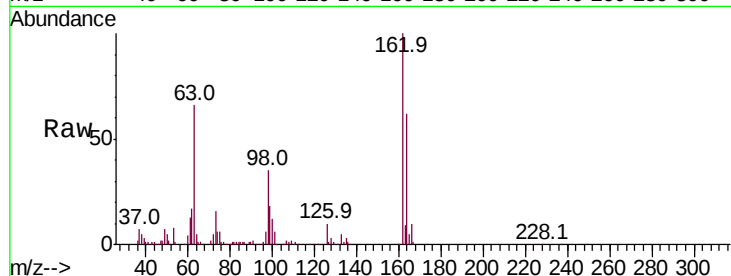




#29
2,4-Dichlorophenol
Concen: 44.820 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

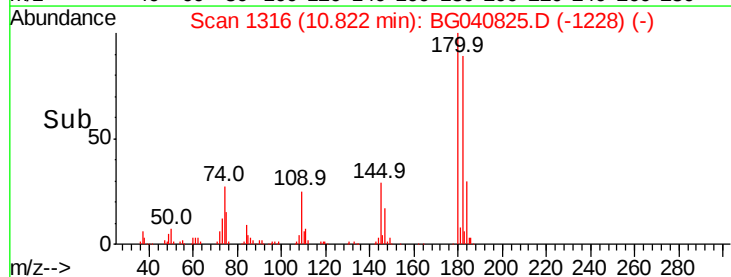
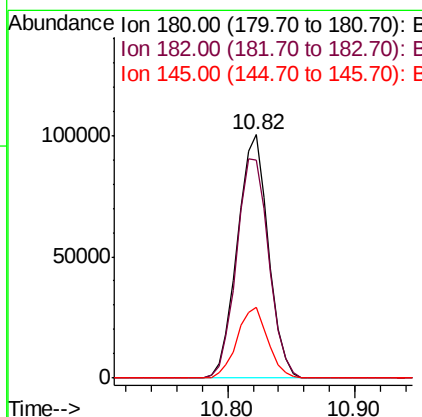
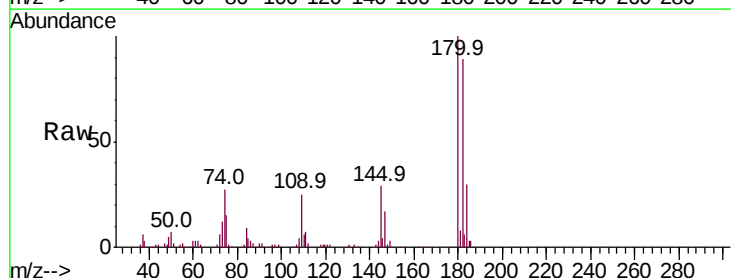
Instrument :
BNA_G
ClientSampleId :
PB119594BS

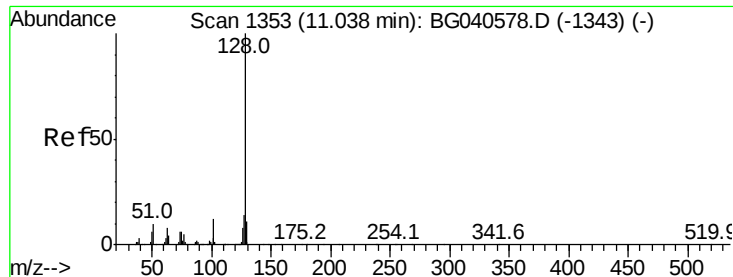
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	38.9	78.9
98	34.5	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 43.169 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.4	75.2	112.8
145	29.2	23.6	35.4

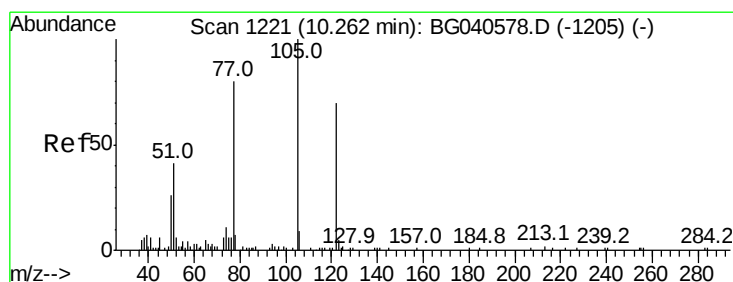
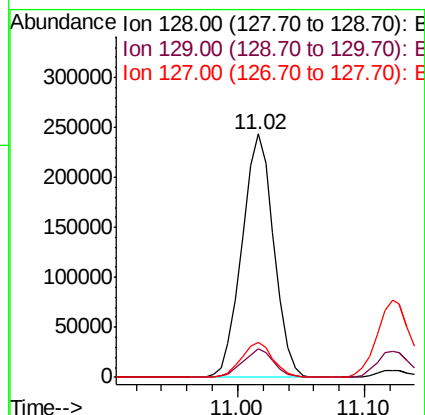
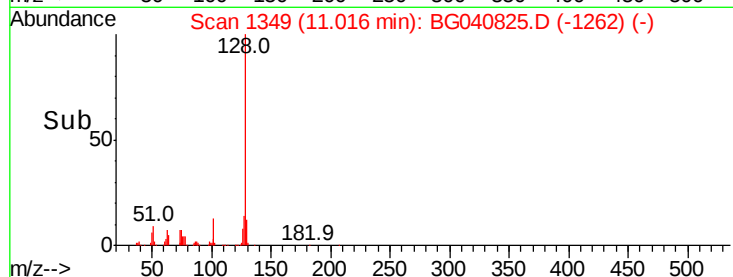
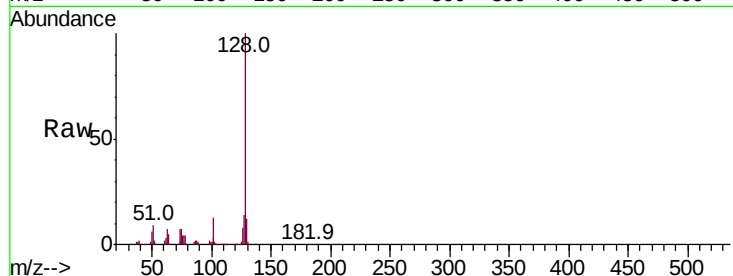




#31
Naphthalene
Concen: 39.759 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

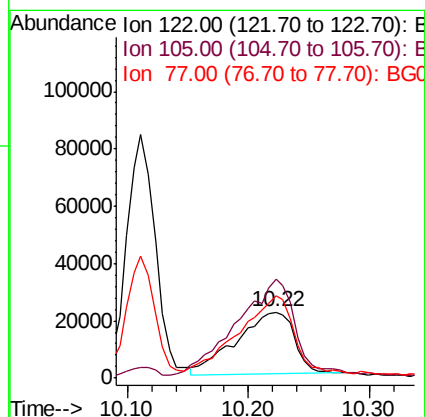
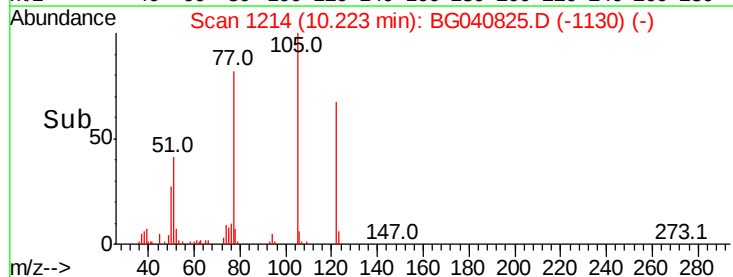
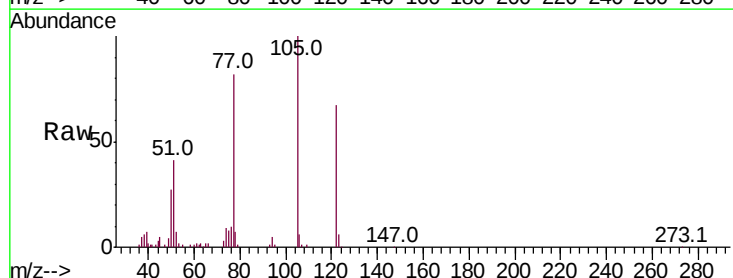
Instrument :
BNA_G
ClientSampleId :
PB119594BS

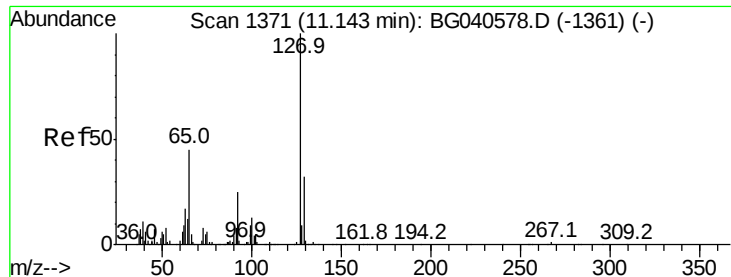
Tot Ion:128 Resp: 423270
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.4 11.3 16.9



#32
Benzoic acid
Concen: 33.898 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion:122 Resp: 72217
Ion Ratio Lower Upper
122 100
105 150.1 110.9 150.9
77 123.7 87.6 127.6

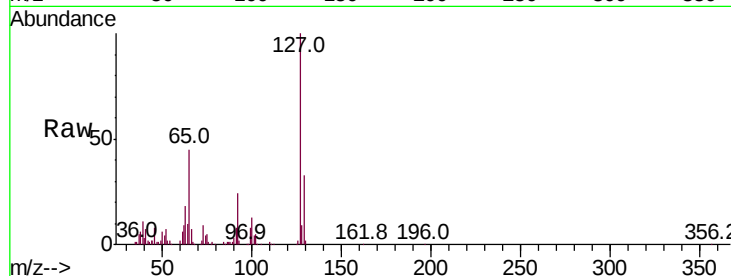




#33
4-Chloroaniline
Concen: 30.126 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Instrument :
BNA_G
ClientSampled :
PB119594BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.7	38.5
65	45.3	36.1	54.1
92	23.9	20.1	30.1



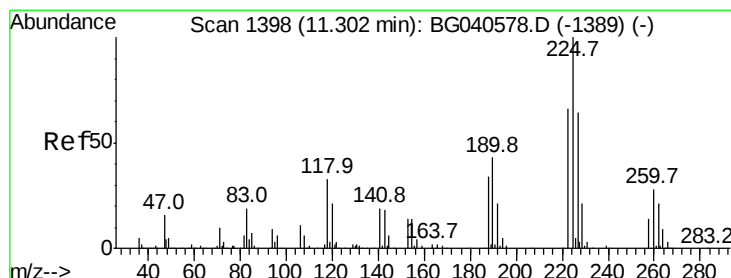
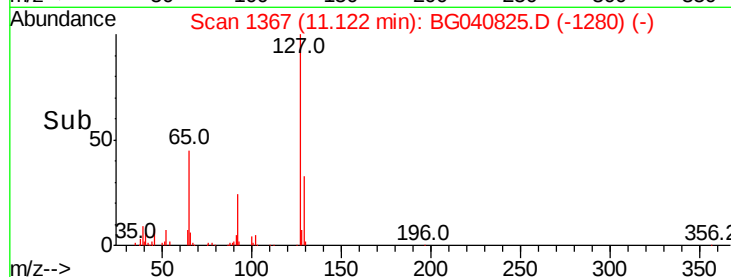
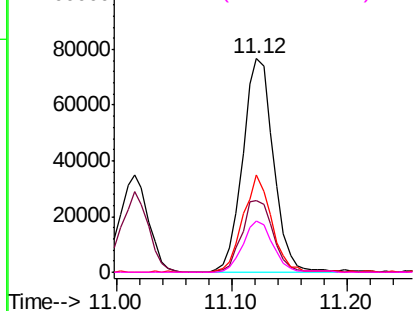
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

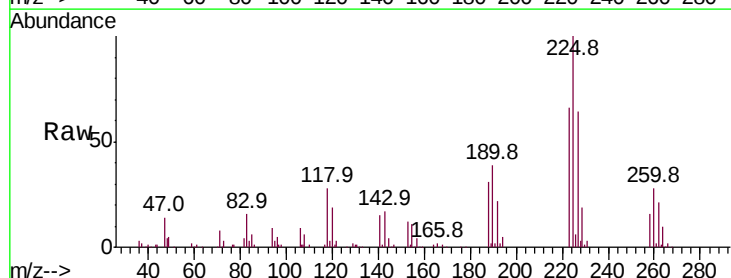
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.659 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	50.4	75.6
227	64.2	51.0	76.6

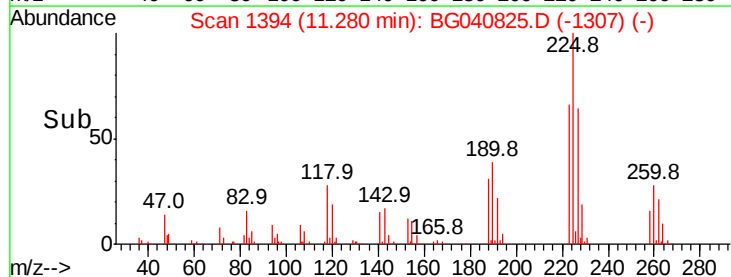
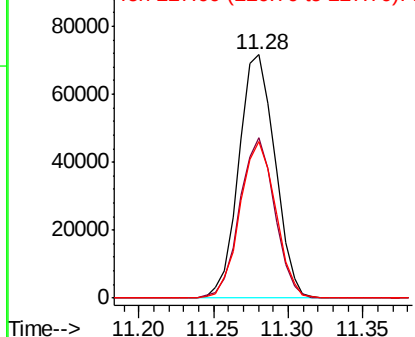


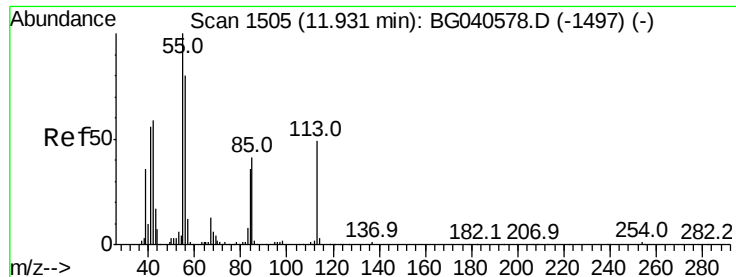
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.454 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

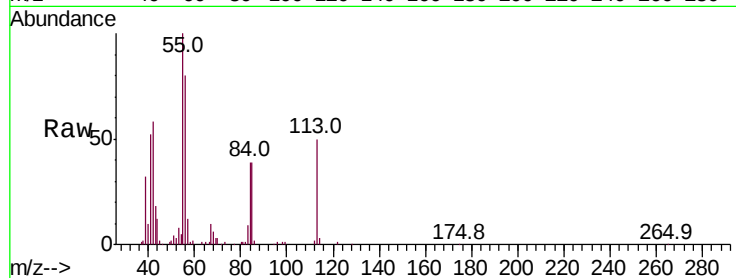
Tot Ion:113 Resp: 57903

Ion Ratio Lower Upper

113 100

55 201.0 198.6 238.6

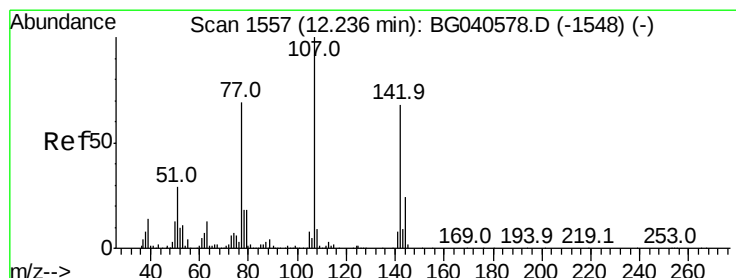
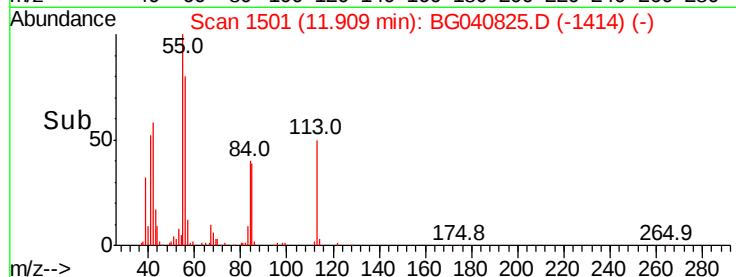
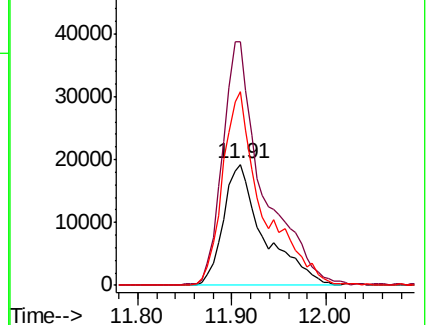
56 160.0 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.341 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

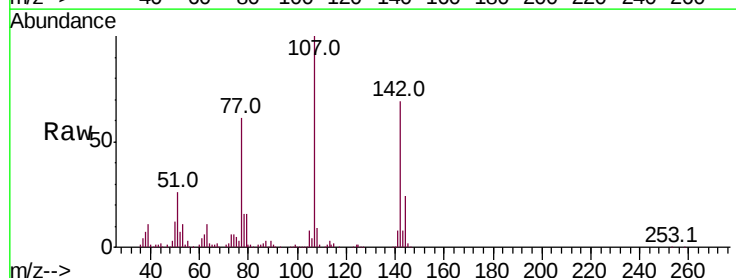
Tgt Ion:107 Resp: 197902

Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

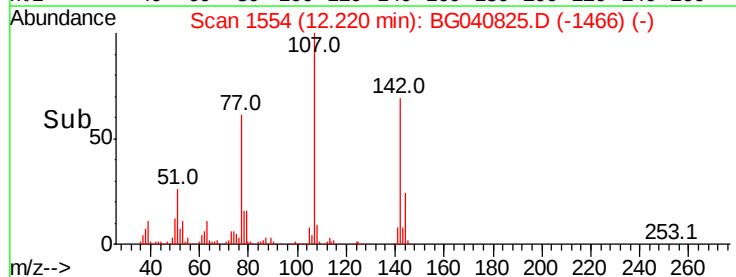
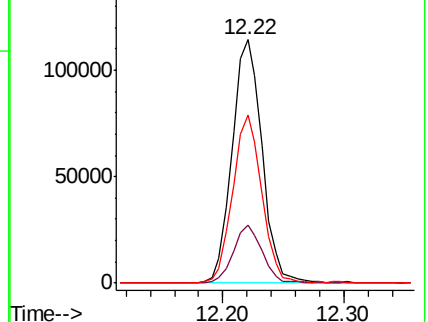
142 69.1 54.6 81.8

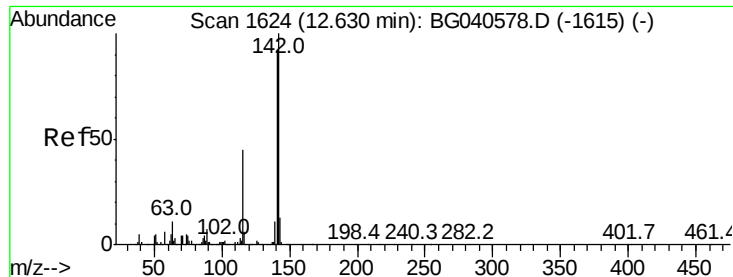


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

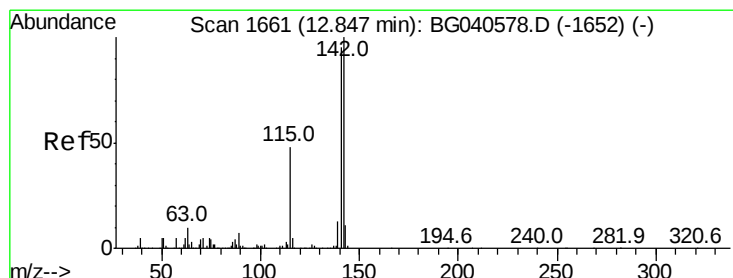
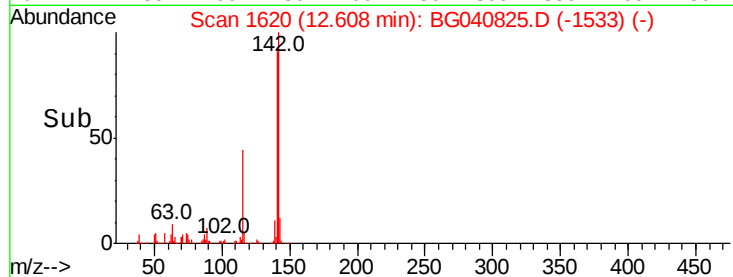
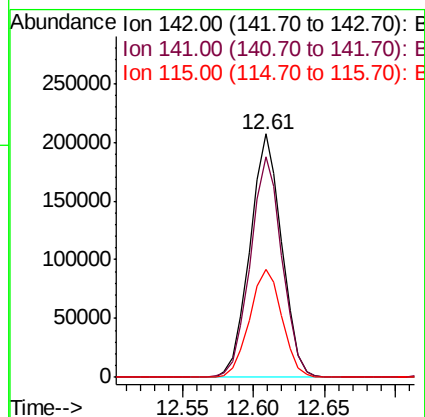
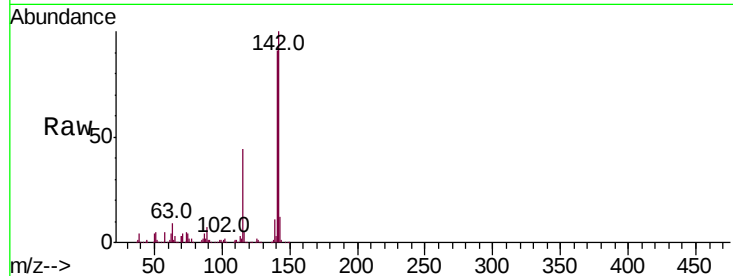




#37
 2-Methylnaphthalene
 Concen: 41.042 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

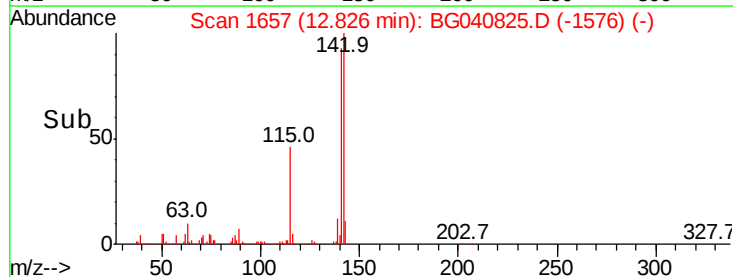
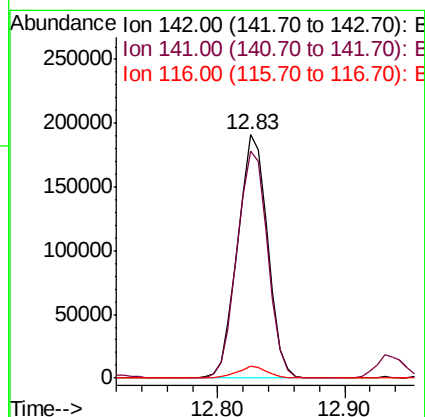
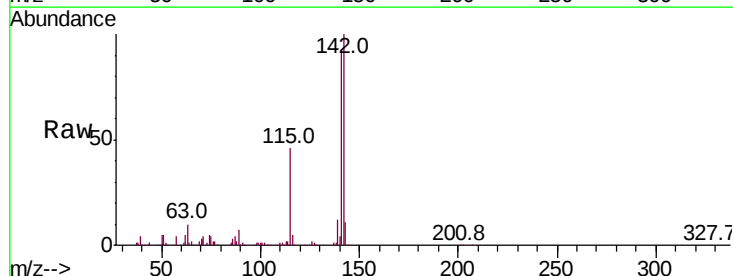
Instrument :
 BNA_G
 ClientSampleId :
 PB119594BS

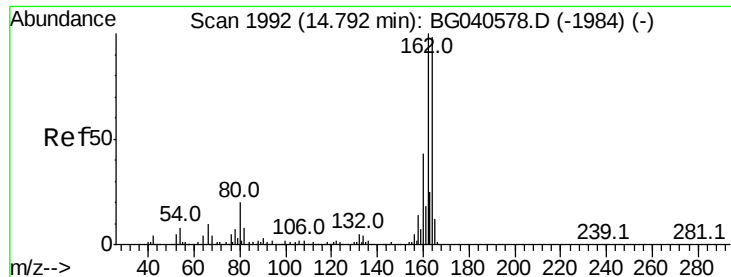
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.4	110.2
115	44.4	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 40.208 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.9	113.9
116	4.7	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

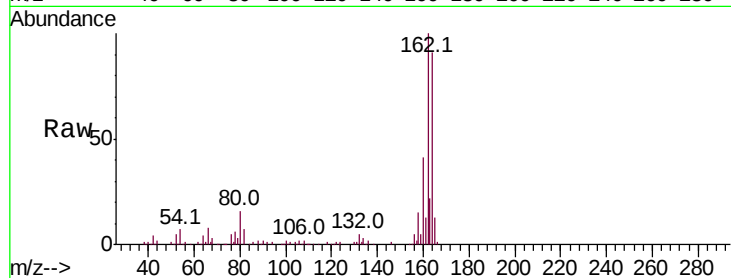
Tot Ion:164 Resp: 146801

Ion Ratio Lower Upper

164 100

162 110.1 81.9 122.9

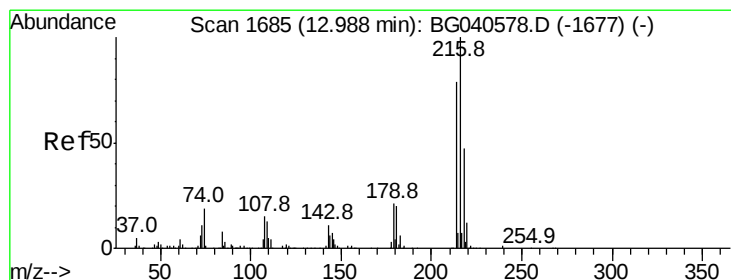
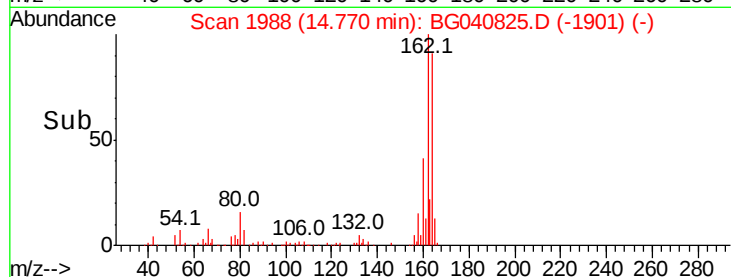
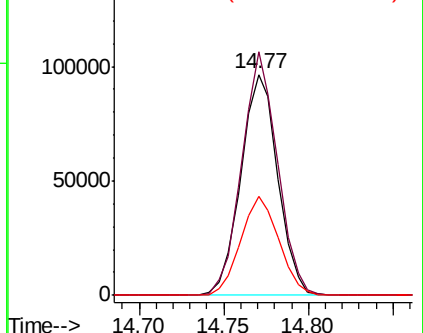
160 44.7 35.4 53.2



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: 41.981 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:216 Resp: 229584

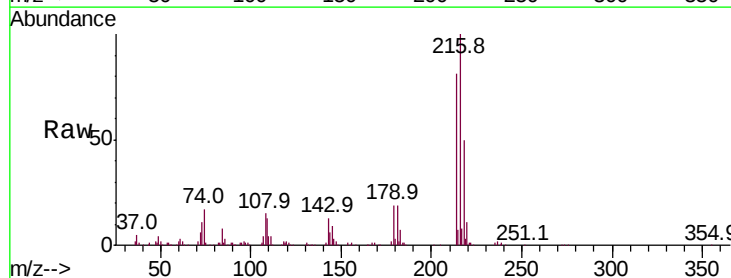
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 19.4 16.6 24.8

108 17.6 14.7 22.1

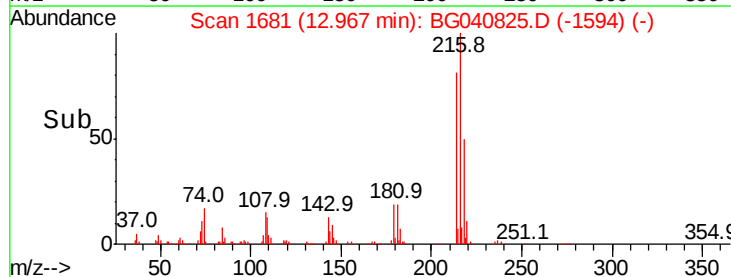
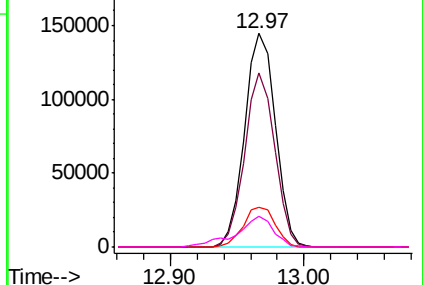


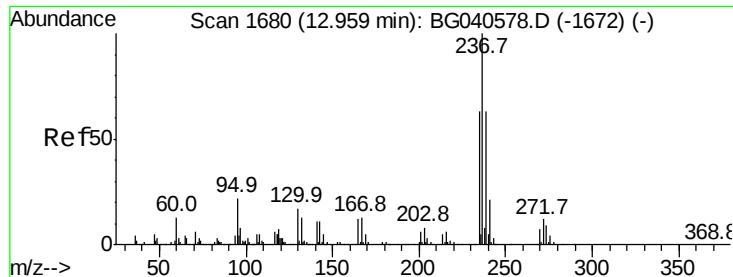
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.777 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

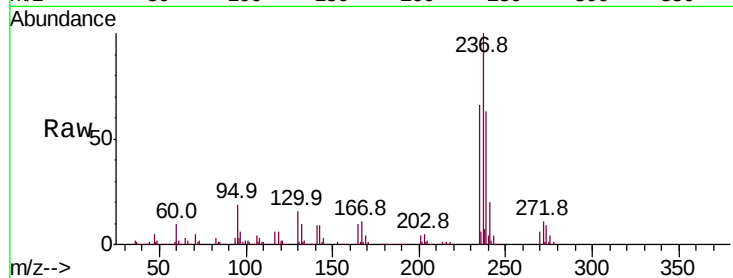
Tot Ion:237 Resp: 280028

Ion Ratio Lower Upper

237 100

235 65.5 42.5 82.5

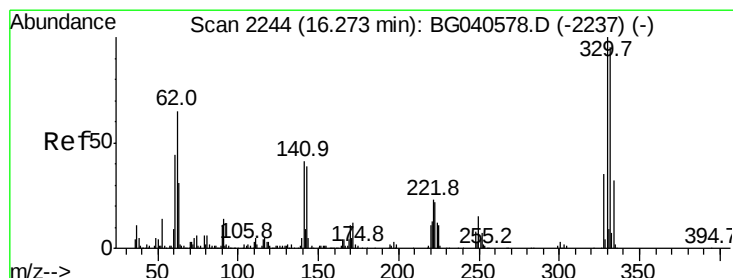
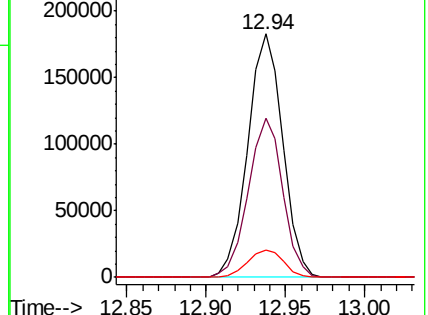
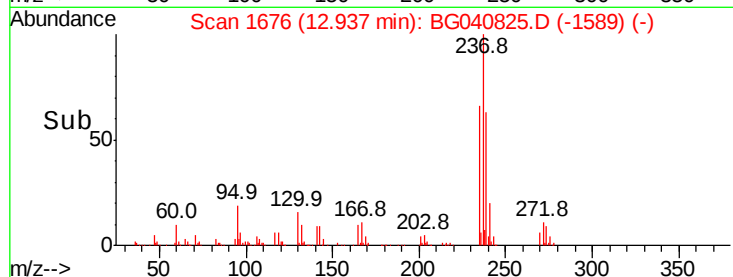
272 11.4 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.246 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

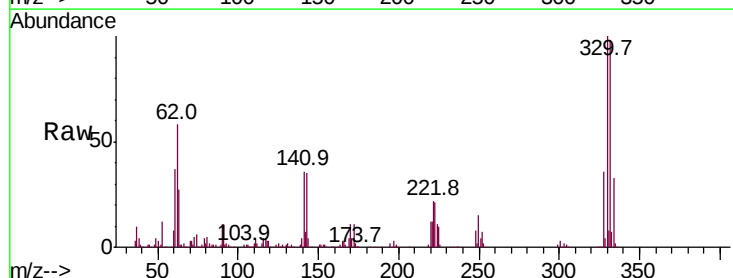
Tgt Ion:330 Resp: 307203

Ion Ratio Lower Upper

330 100

332 96.7 75.9 113.9

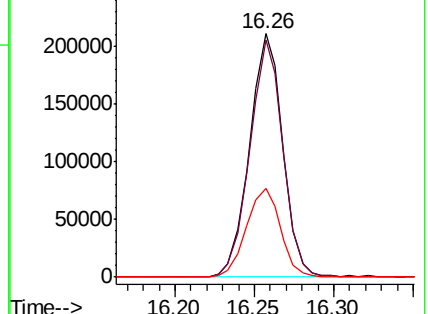
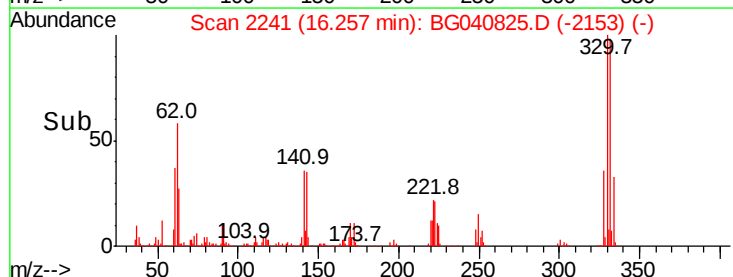
141 37.7 32.4 48.6

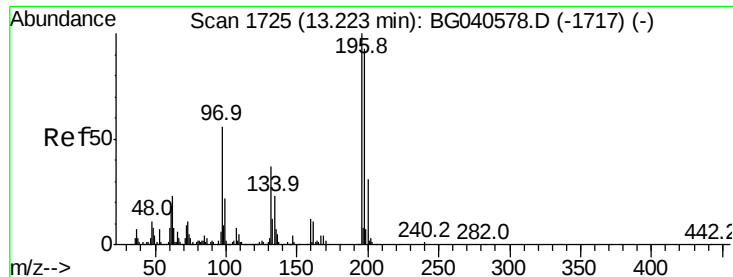


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

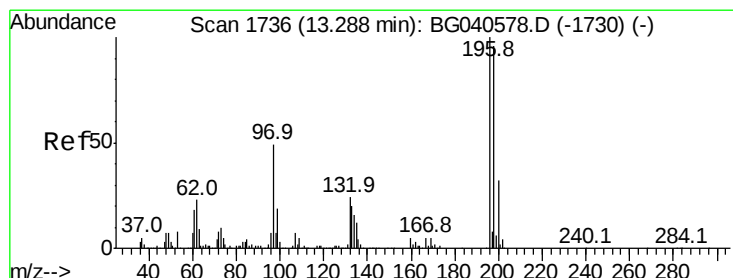
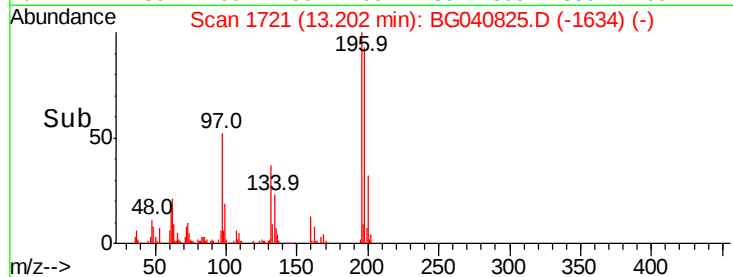
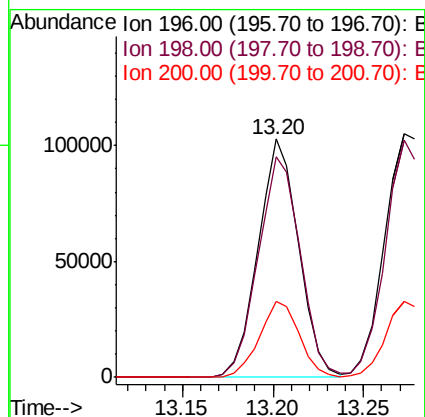
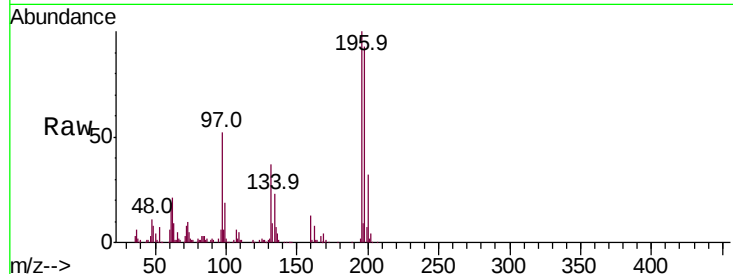




#43
 2,4,6-Trichlorophenol
 Concen: 48.186 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

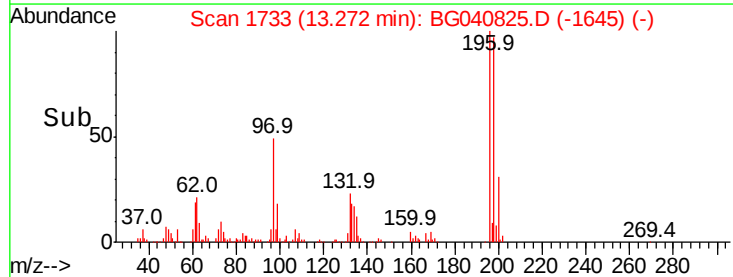
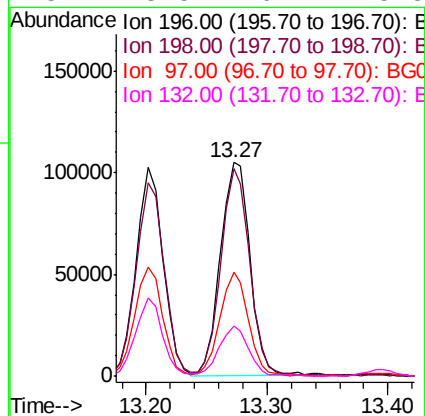
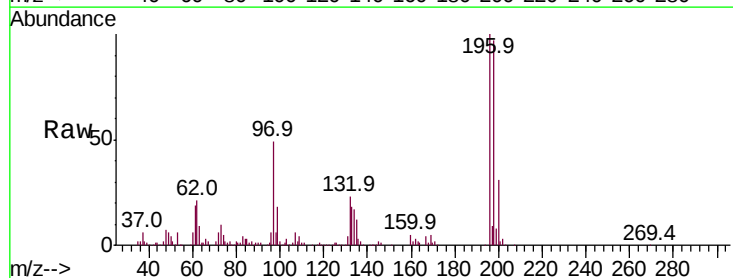
Instrument :
 BNA_G
 ClientSampleId :
 PB119594BS

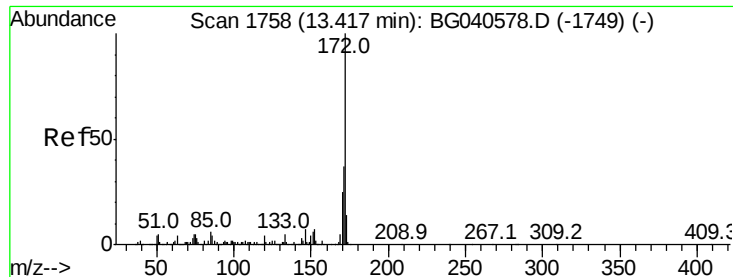
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.8	112.2
200	31.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.435 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.0	115.6
97	48.9	40.0	60.0
132	23.5	19.2	28.8

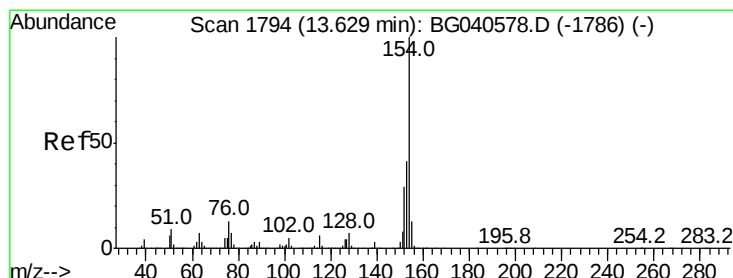
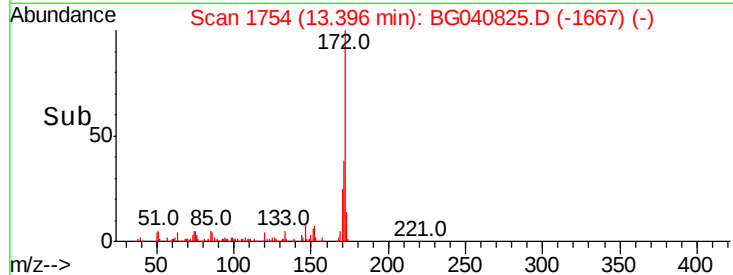
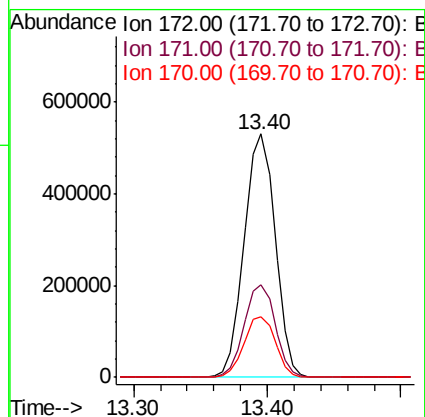
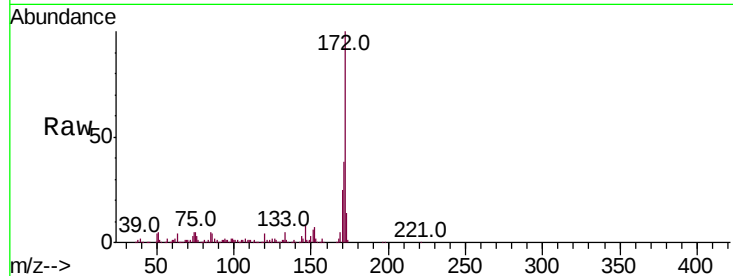




#45
 2-Fluorobiphenyl
 Concen: 83.710 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

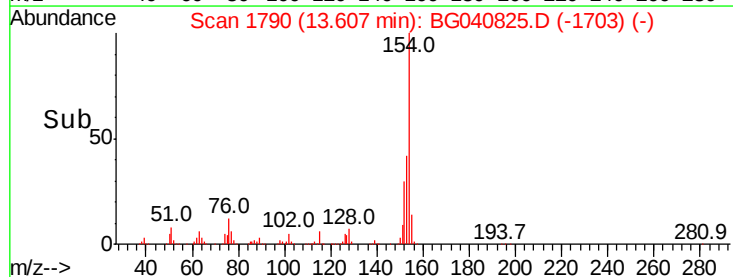
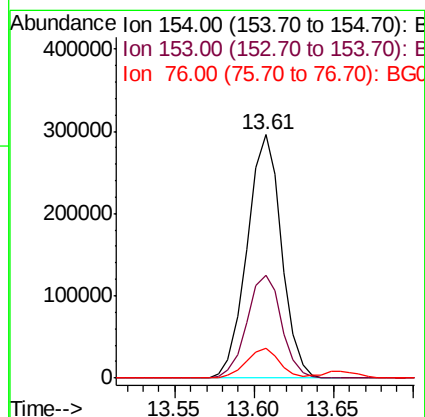
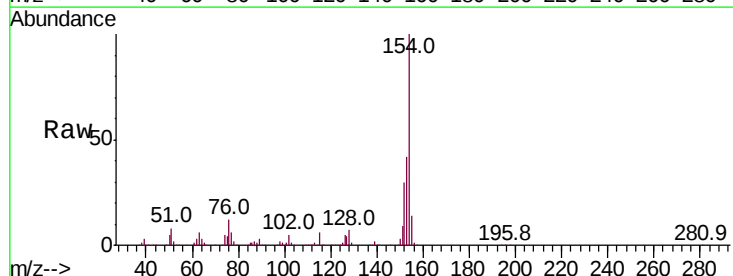
Instrument :
 BNA_G
 ClientSampleId :
 PB119594BS

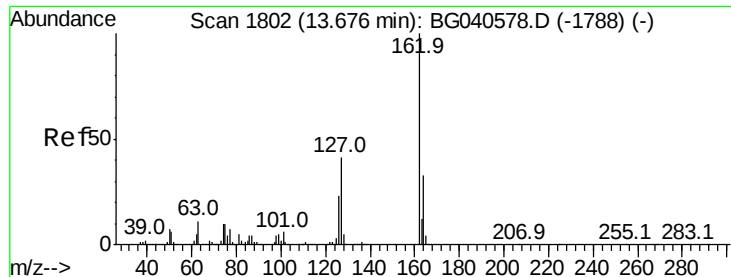
Tot Ion:	172	Resp:	850897
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.2
170	24.9	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 39.019 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

Tgt Ion:	154	Resp:	444724
Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.5	60.5
76	12.4	0.0	32.5





#47

2-Chloronaphthalene

Concen: 41.999 ng

RT: 13.65 min Scan# 1798

Delta R.T. -0.02 min

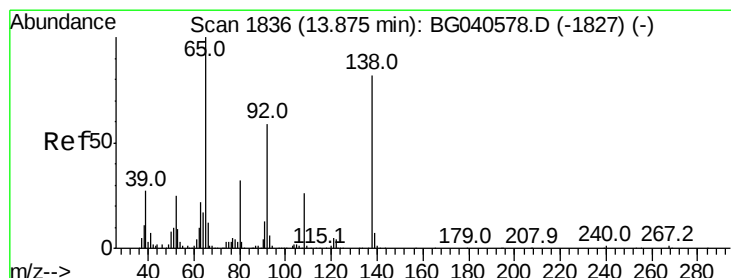
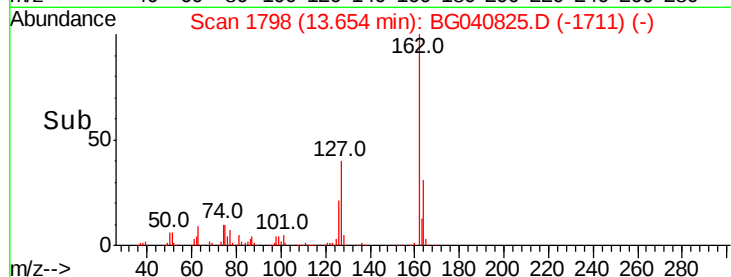
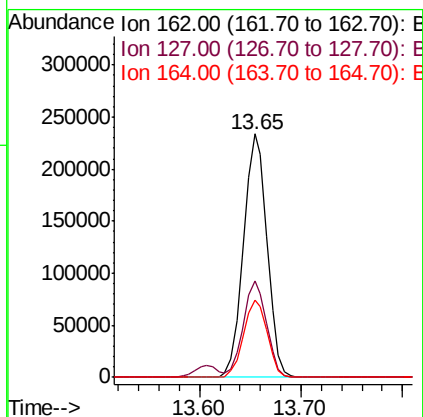
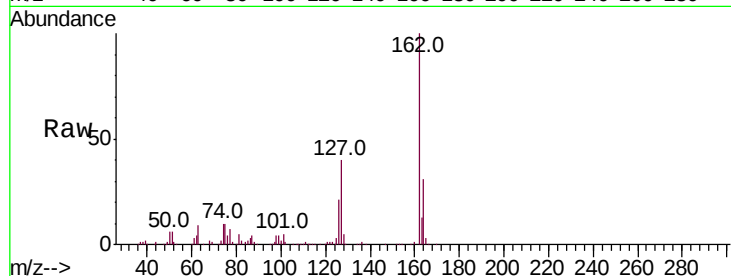
Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :
BNA_G
ClientSampleId :
PB119594BS

Tot Ion:162 Resp: 374624

Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.0	49.4
164	31.5	26.8	40.2



#48

2-Nitroaniline

Concen: 48.960 ng

RT: 13.86 min Scan# 1833

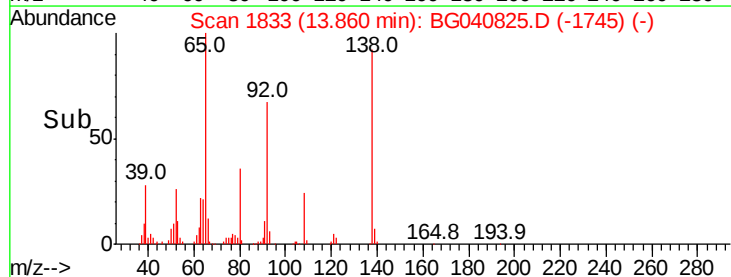
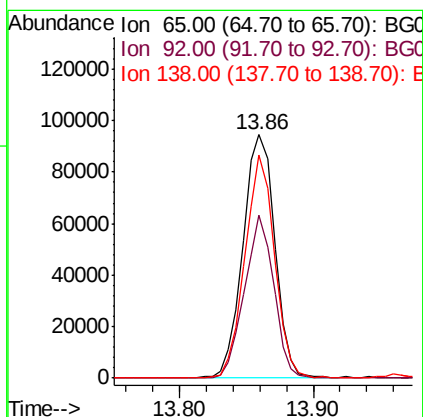
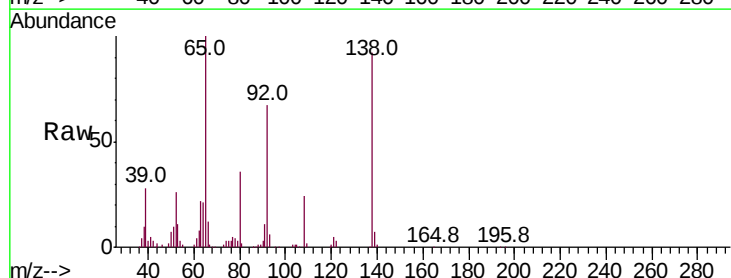
Delta R.T. -0.02 min

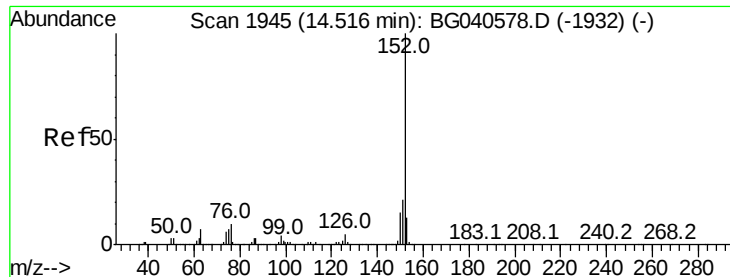
Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion: 65 Resp: 155453

Ion	Ratio	Lower	Upper
65	100		
92	66.9	47.4	71.0
138	91.7	66.1	99.1





#49

Acenaphthylene

Concen: 39.927 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

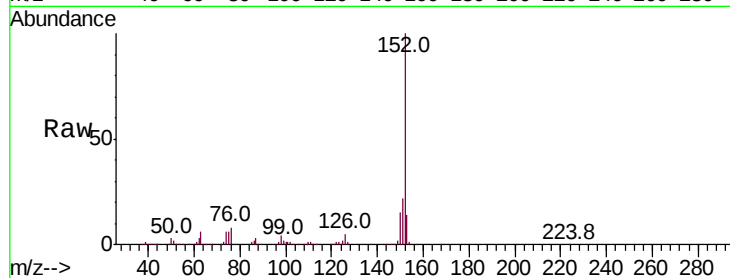
Tot Ion:152 Resp: 604240

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

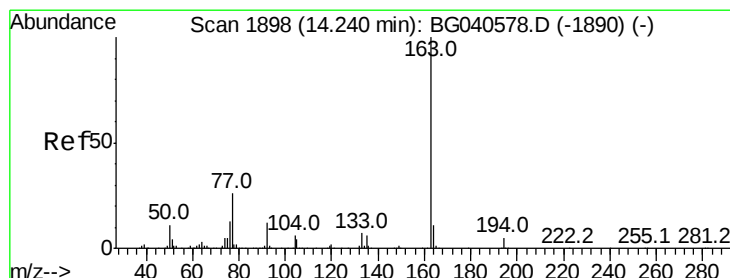
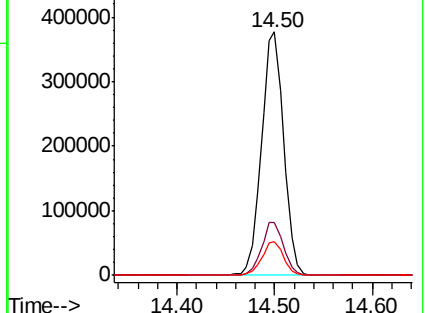
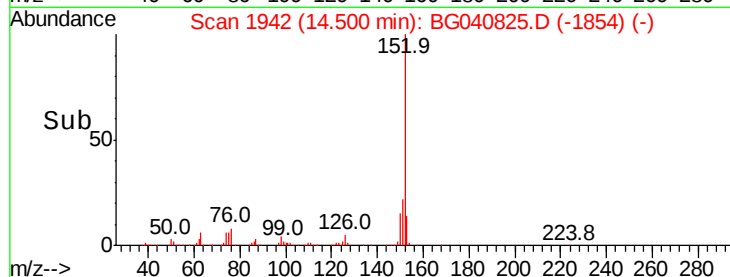
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.483 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

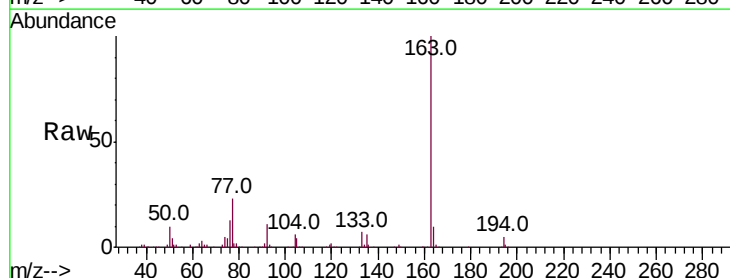
Tgt Ion:163 Resp: 521803

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

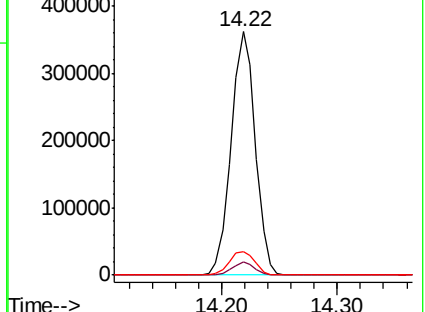
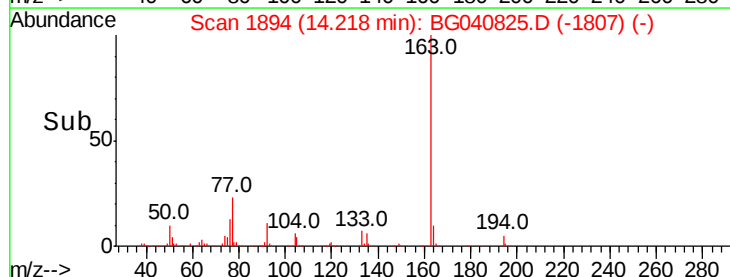
164 9.9 8.8 13.2

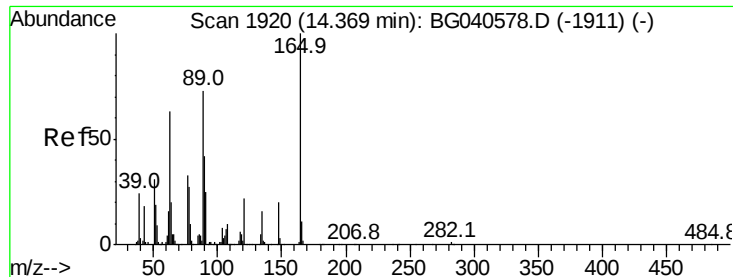


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.878 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

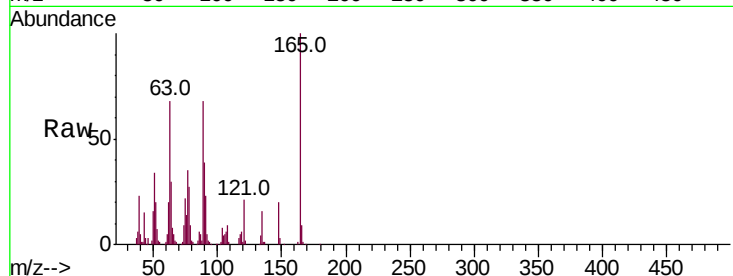
Tot Ion:165 Resp: 117169

Ion Ratio Lower Upper

165 100

63 68.2 61.0 91.4

89 67.9 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

100000

80000

60000

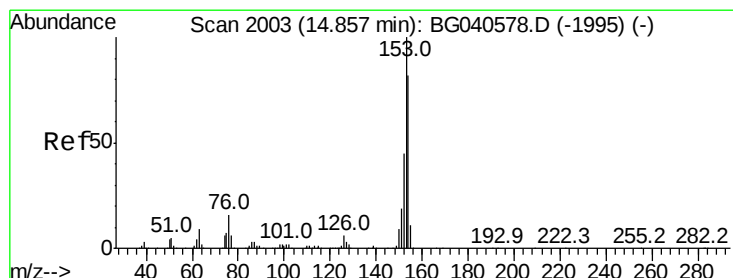
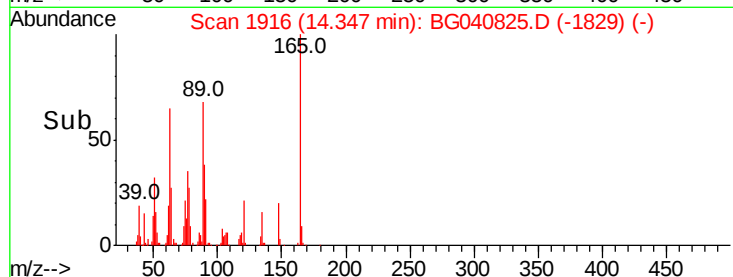
40000

20000

0

14.30 14.35 14.40

Time-->



#52

Acenaphthene

Concen: 39.729 ng

RT: 14.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

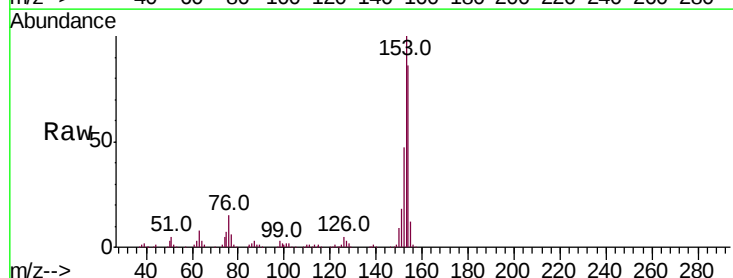
Tgt Ion:154 Resp: 350141

Ion Ratio Lower Upper

154 100

153 115.6 97.0 145.6

152 53.8 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

300000

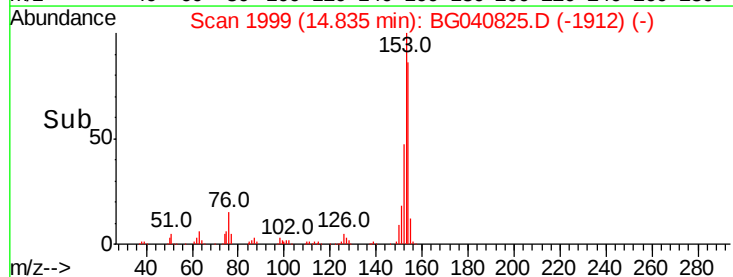
200000

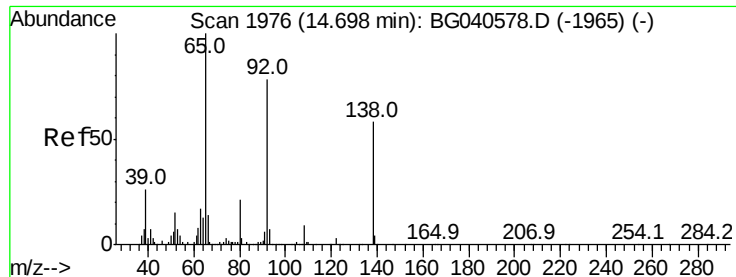
100000

0

14.80 14.85

Time-->





#53

3-Nitroaniline

Concen: 41.453 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

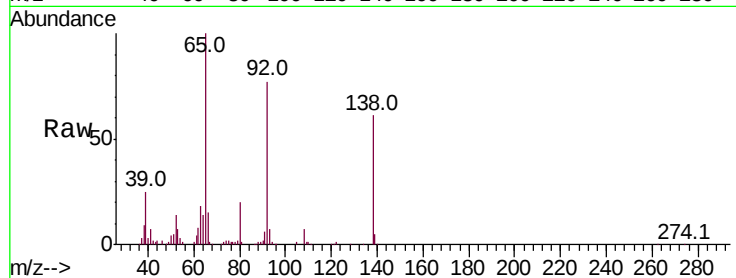
Tot Ion:138 Resp: 101815

Ion Ratio Lower Upper

138 100

108 11.7 12.4 18.6#

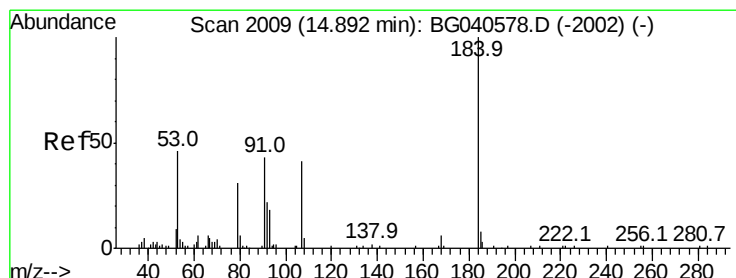
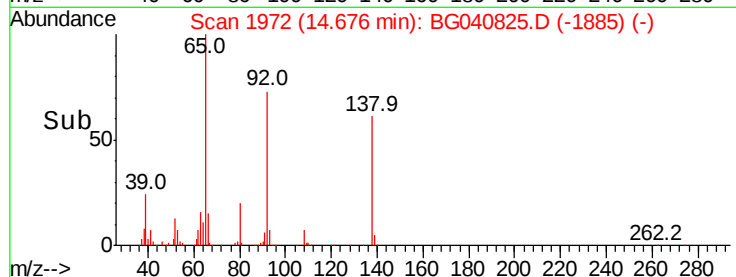
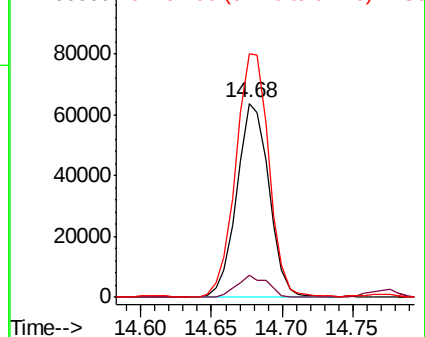
92 125.6 108.6 162.8



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: 50.519 ng

RT: 14.88 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

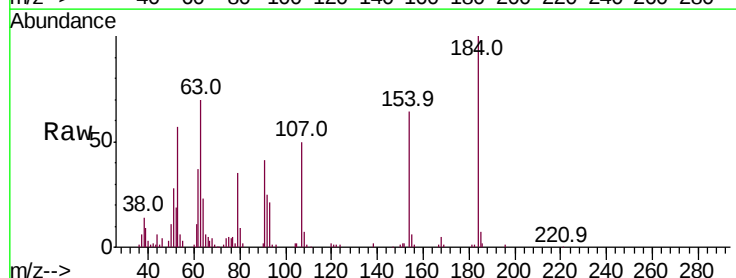
Tgt Ion:184 Resp: 64470

Ion Ratio Lower Upper

184 100

63 69.8 51.8 77.6

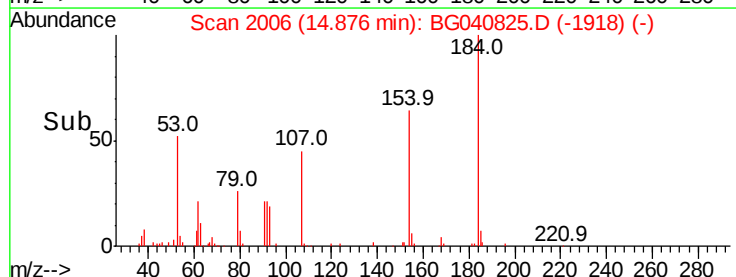
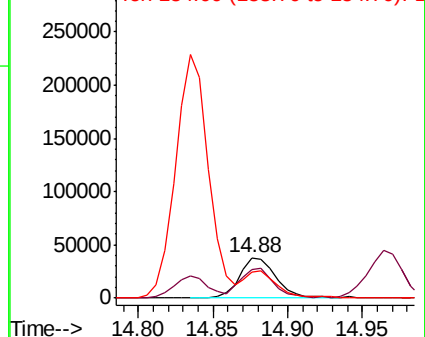
154 64.3 43.6 65.4

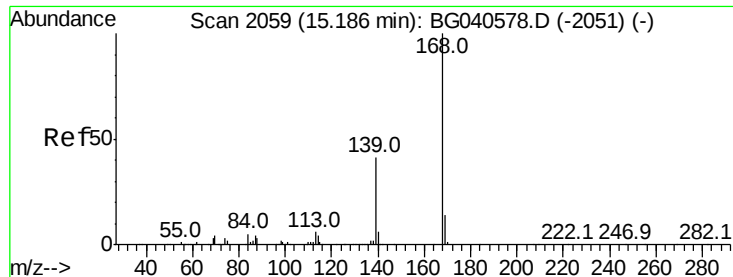


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.942 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

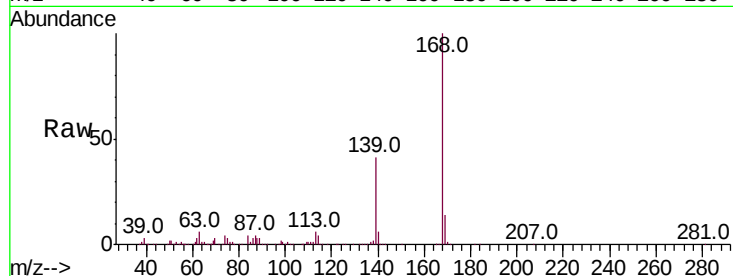
Tot Ion:168 Resp: 619888

Ion Ratio Lower Upper

168 100

139 41.0 33.0 49.4

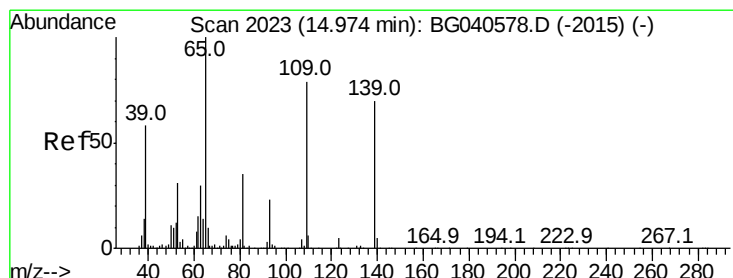
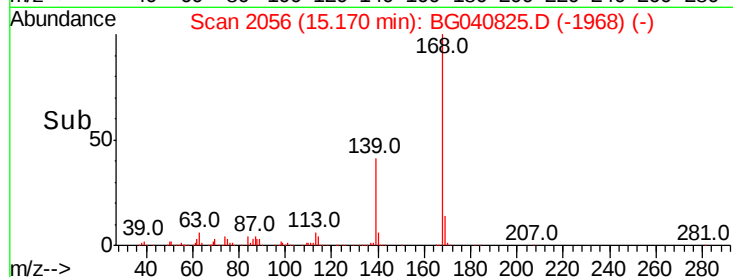
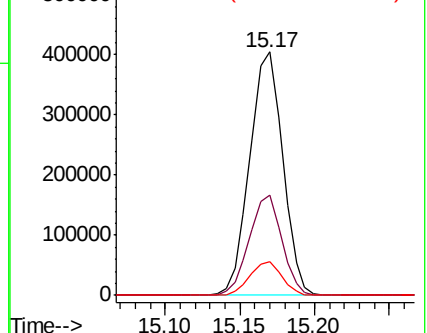
169 14.1 11.0 16.4



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: 84.462 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

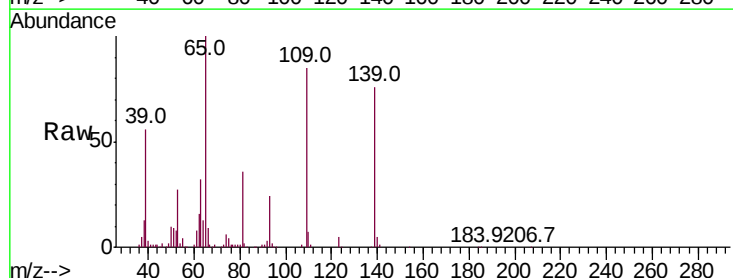
Tgt Ion:139 Resp: 179885

Ion Ratio Lower Upper

139 100

109 112.1 93.8 133.8

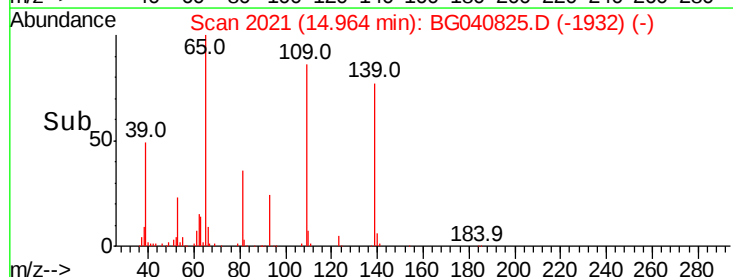
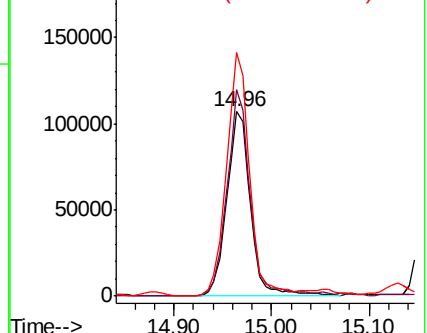
65 132.2 122.7 162.7

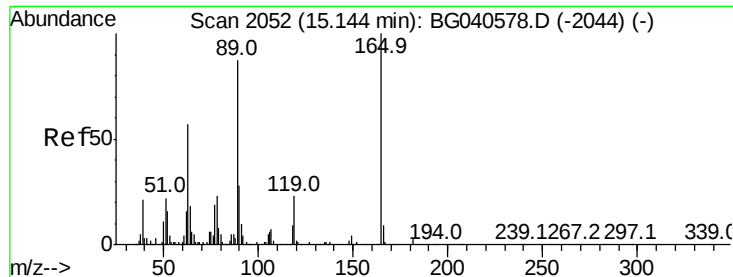


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

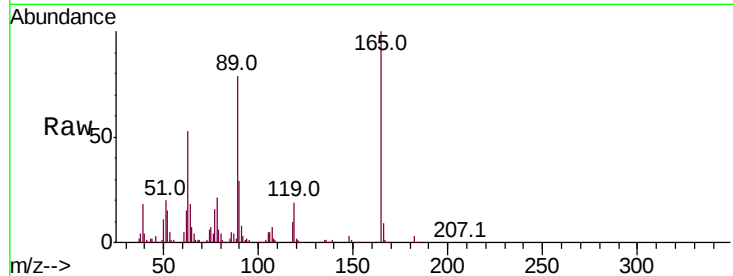




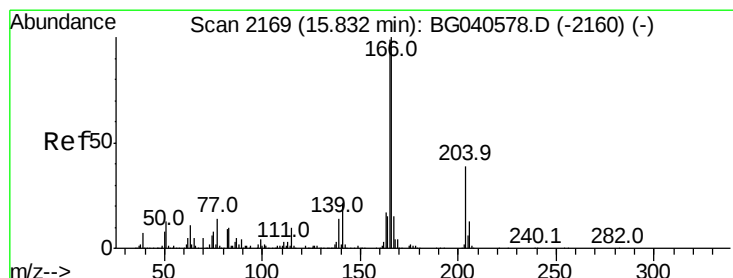
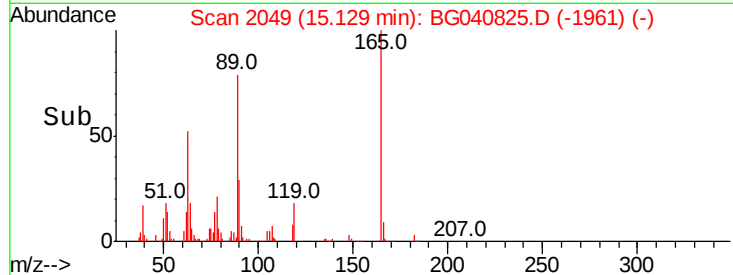
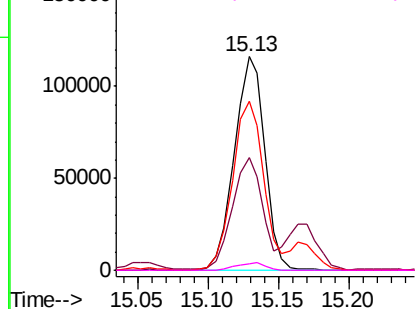
#57
2,4-Dinitrotoluene
Concen: 53.512 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Instrument :
BNA_G
ClientSampleId :
PB119594BS

Tot Ion:165 Resp: 174309
Ion Ratio Lower Upper
165 100
63 52.7 45.8 68.8
89 79.3 69.4 104.2
182 2.7 2.2 3.4

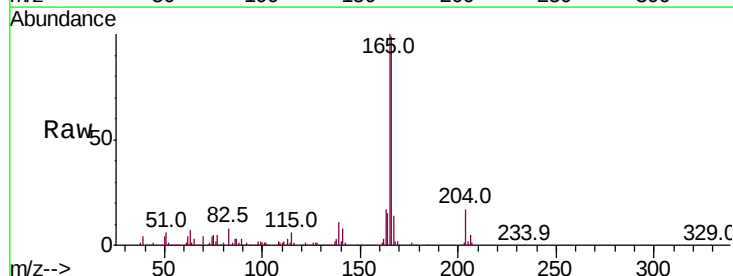


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

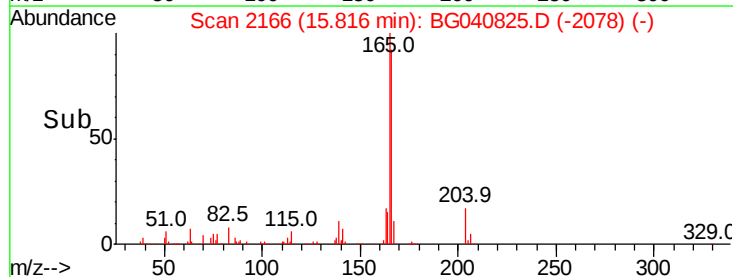
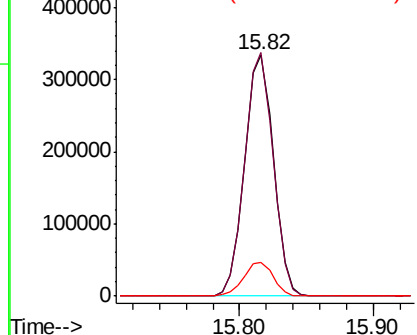


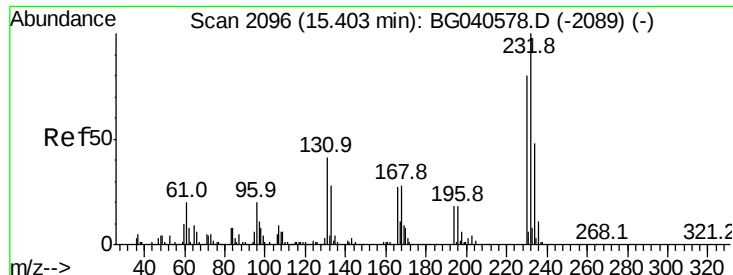
#58
Fluorene
Concen: 42.716 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion:166 Resp: 498386
Ion Ratio Lower Upper
166 100
165 100.7 79.6 119.4
167 13.9 12.2 18.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

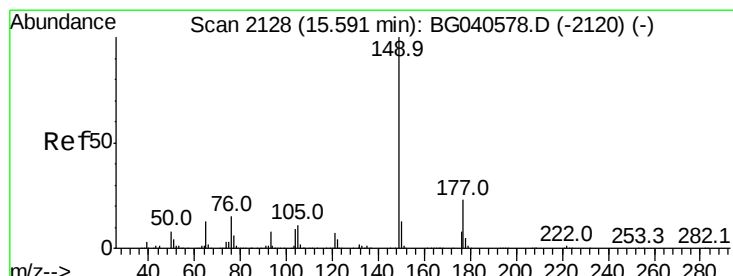
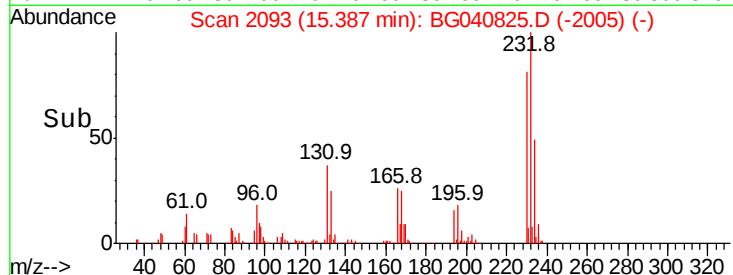
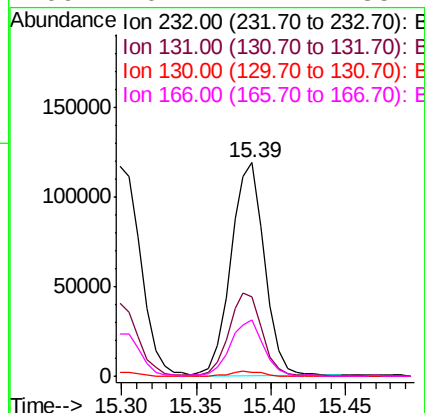
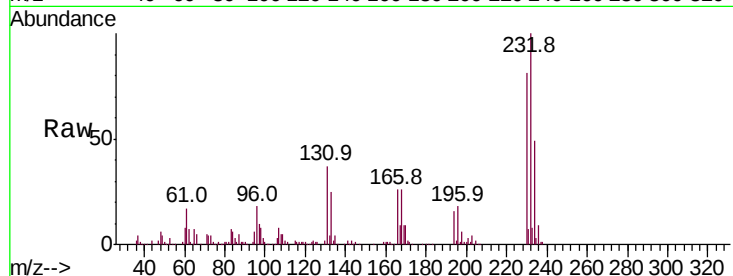




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.170 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

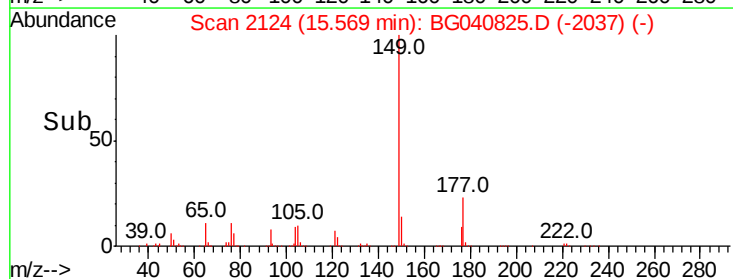
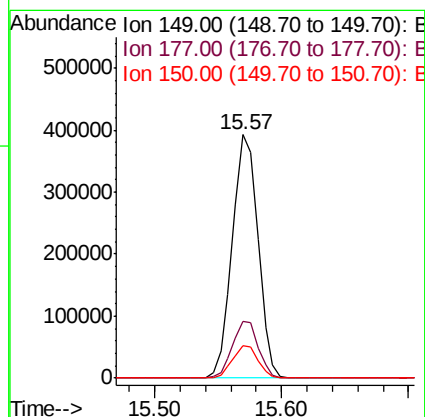
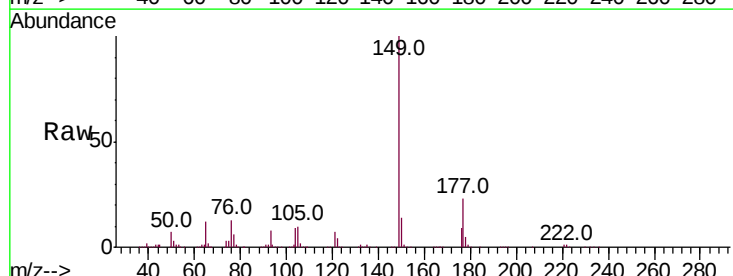
Instrument :
 BNA_G
 ClientSampleId :
 PB119594BS

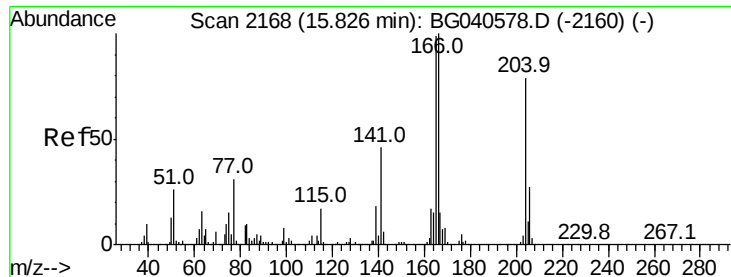
Tot Ion:	232	Resp:	185414
Ion	Ratio	Lower	Upper
232	100		
131	38.5	33.0	49.4
130	2.4	2.0	3.0
166	26.4	22.1	33.1



#60
 Diethylphthalate
 Concen: 42.372 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

Tgt Ion:	149	Resp:	549105
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.5	27.7
150	13.6	10.2	15.4

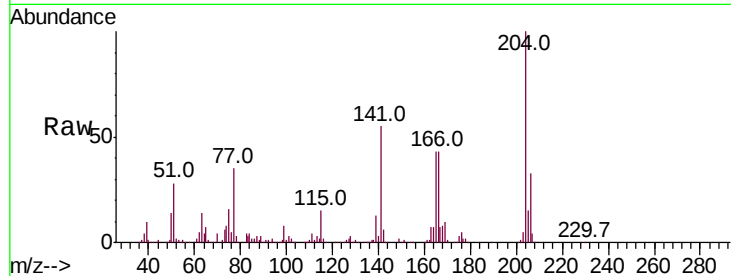




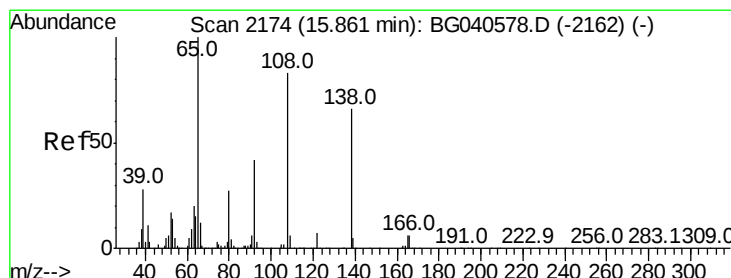
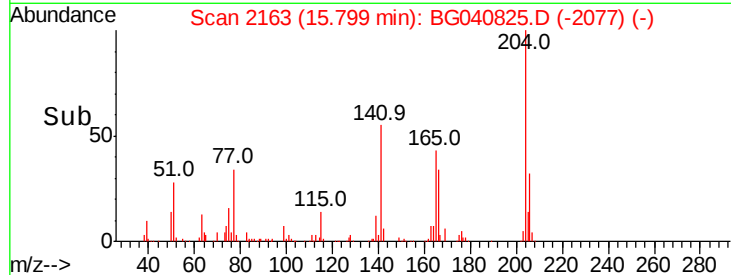
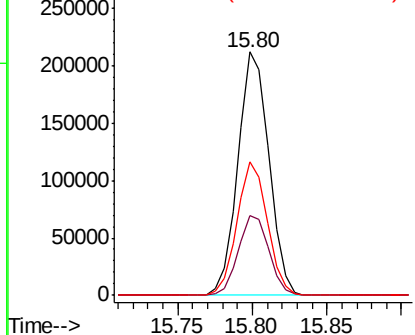
#61
4-Chlorophenyl-phenylether
Concen: 45.107 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Instrument :
BNA_G
ClientSampled :
PB119594BS

Tot Ion:204 Resp: 306091
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.2
141 55.1 46.0 69.0

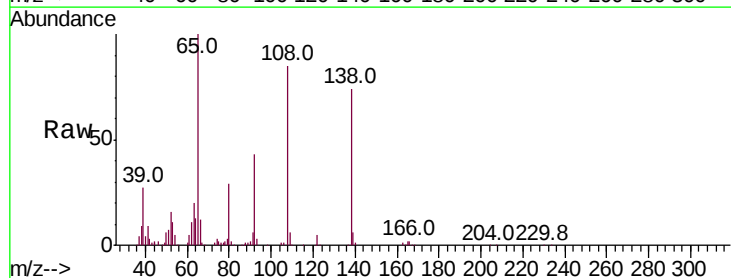


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

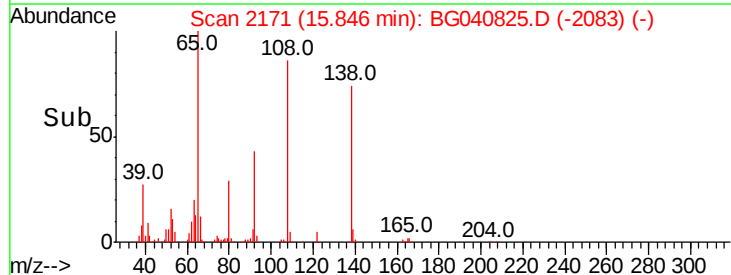
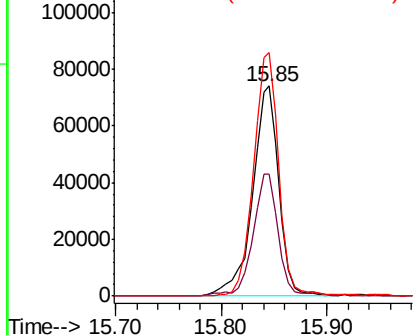


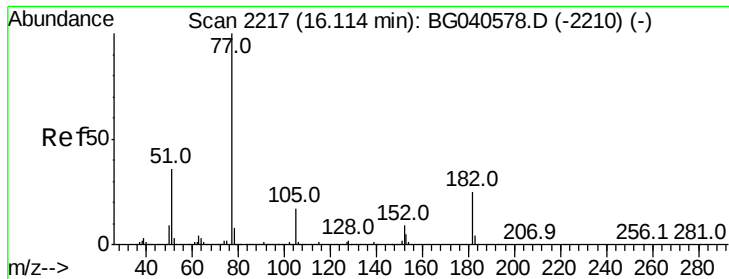
#62
4-Nitroaniline
Concen: 46.812 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion:138 Resp: 128618
Ion Ratio Lower Upper
138 100
92 58.0 43.9 83.9
108 115.9 106.5 146.5



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

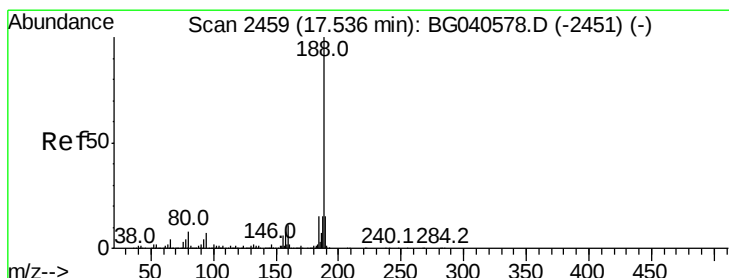
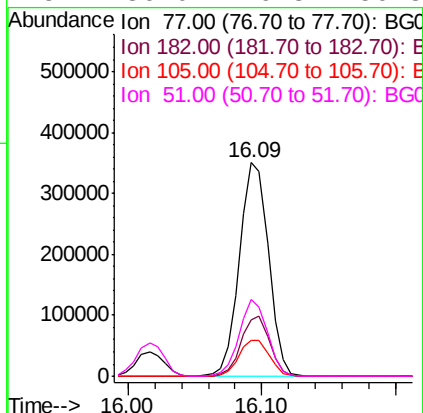
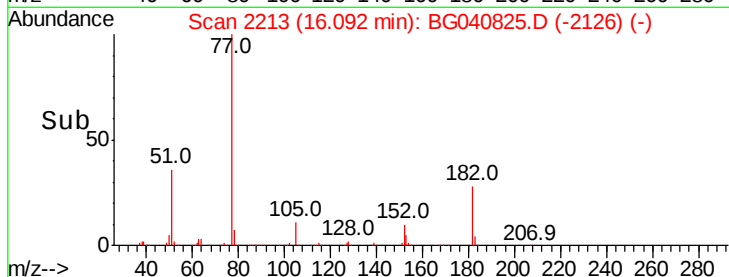
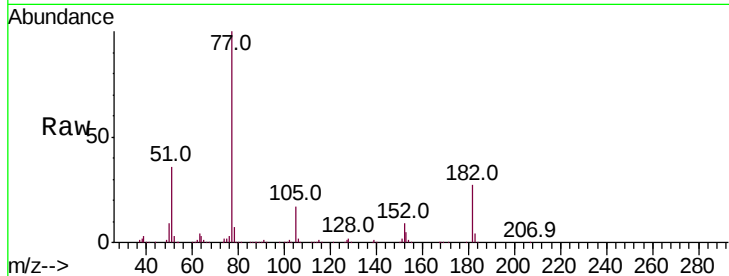




#63
Azobenzene
Concen: 39.438 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

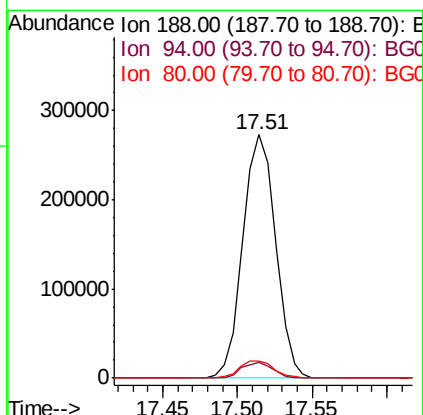
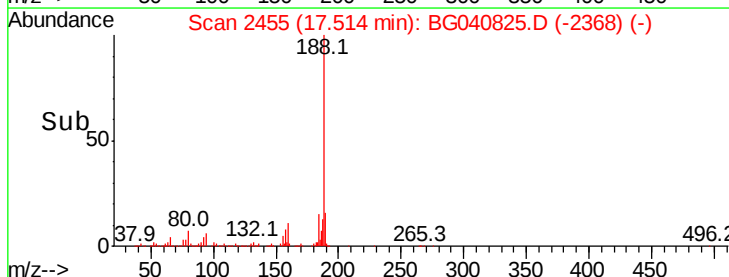
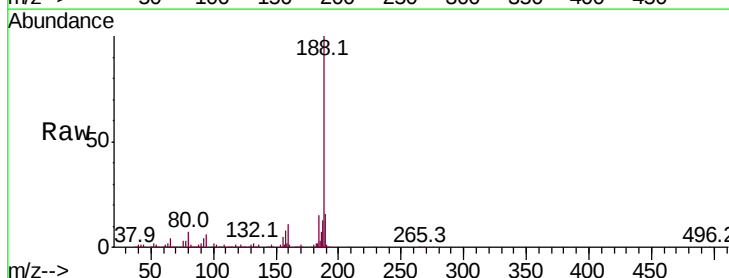
Instrument :
BNA_G
ClientSampleId :
PB119594BS

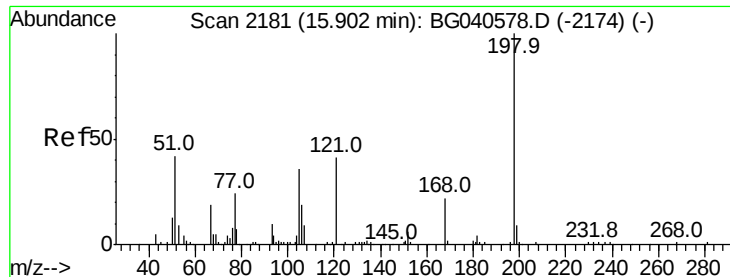
Tot Ion: 77 Resp: 526343
Ion Ratio Lower Upper
77 100
182 26.6 5.0 45.0
105 16.5 0.0 37.6
51 36.0 16.3 56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion: 188 Resp: 415633
Ion Ratio Lower Upper
188 100
94 6.4 5.6 8.4
80 7.1 6.4 9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 35.871 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

Tot Ion:198 Resp: 69149

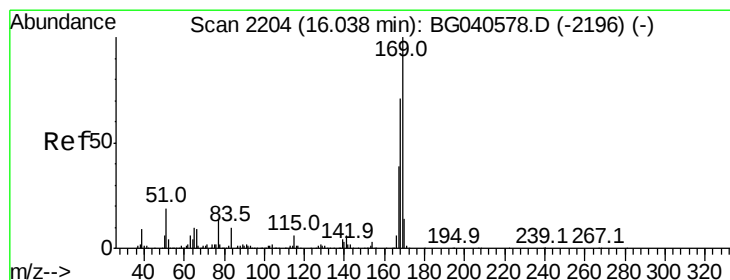
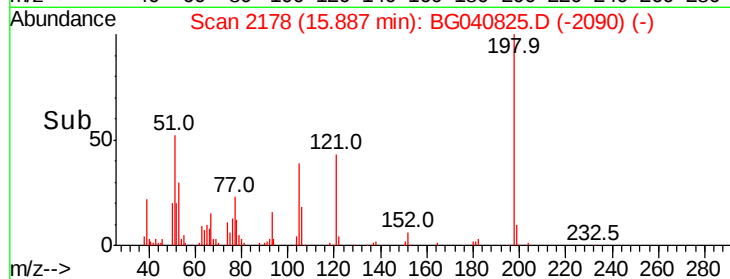
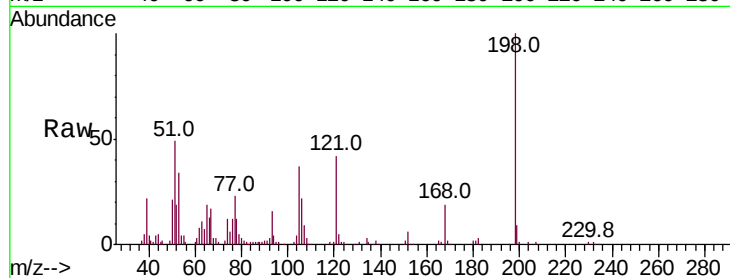
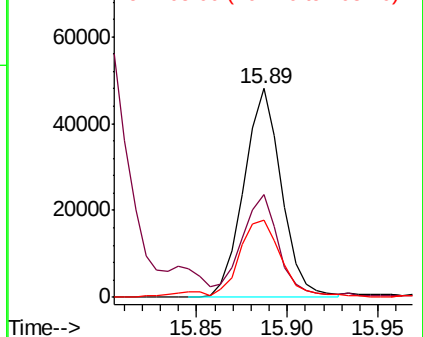
Ion	Ratio	Lower	Upper
198	100		
51	49.5	35.9	75.9
105	37.3	21.2	61.2

Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.084 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:169 Resp: 465710

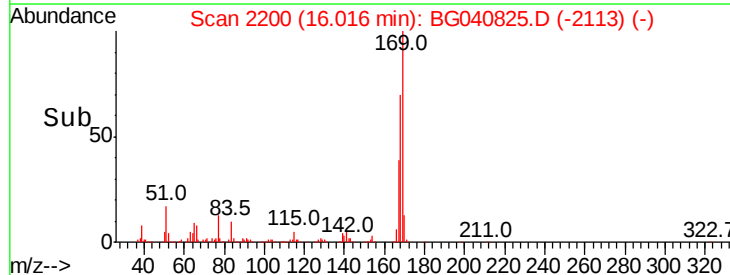
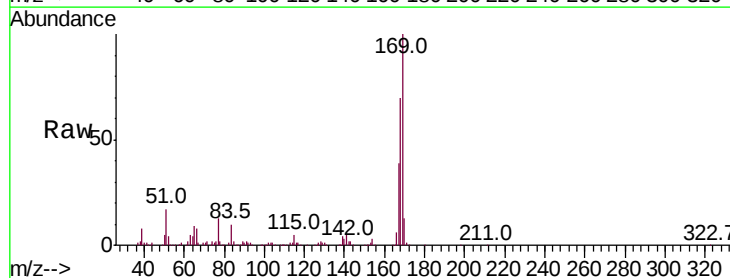
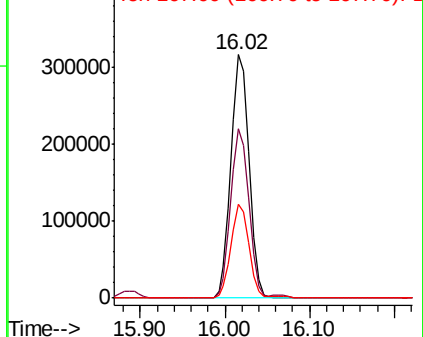
Ion	Ratio	Lower	Upper
169	100		
168	69.6	56.8	85.2
167	38.7	31.4	47.0

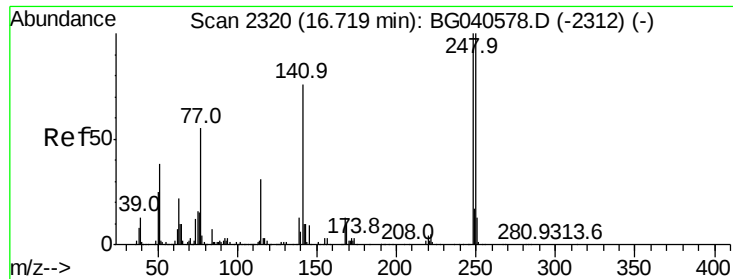
Abundance

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: 40.197 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

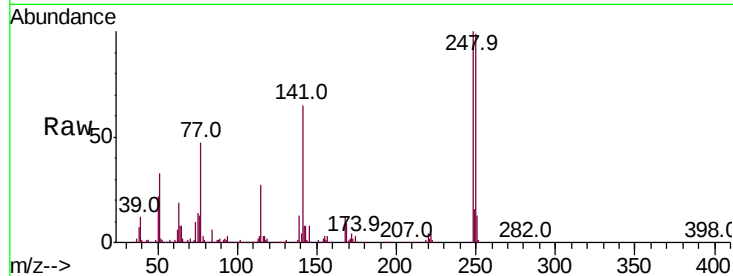
Tot Ion:248 Resp: 208149

Ion Ratio Lower Upper

248 100

250 98.8 79.8 119.6

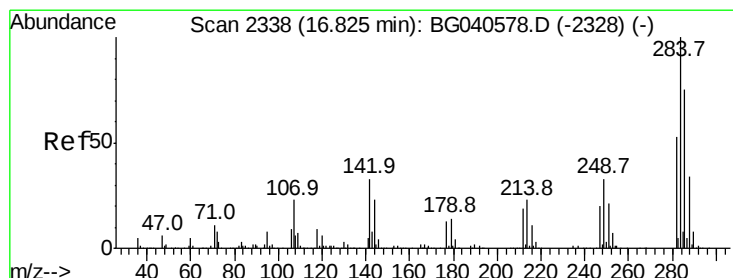
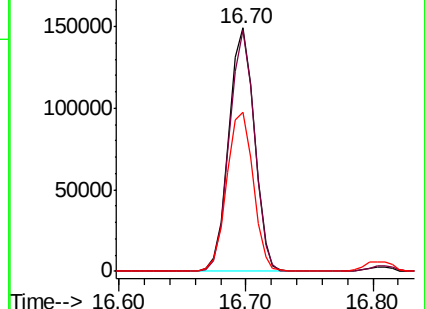
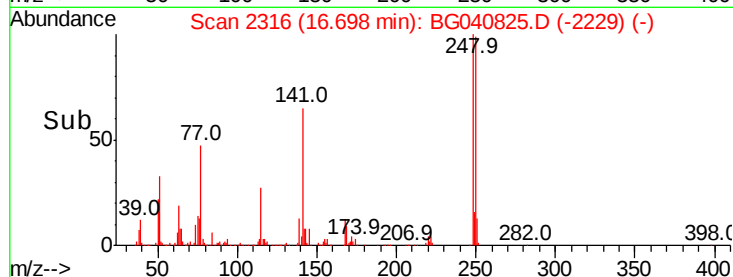
141 65.2 60.8 91.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.011 ng

RT: 16.81 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

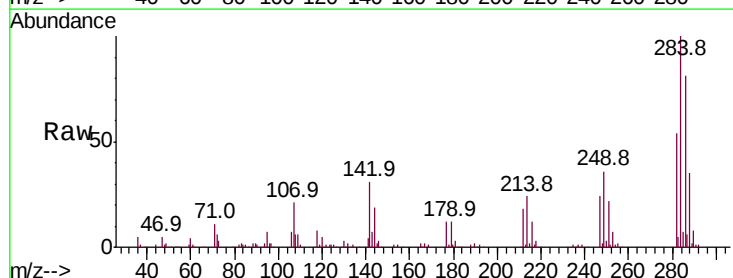
Tgt Ion:284 Resp: 214230

Ion Ratio Lower Upper

284 100

142 30.5 26.6 40.0

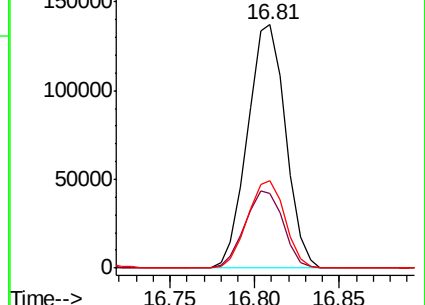
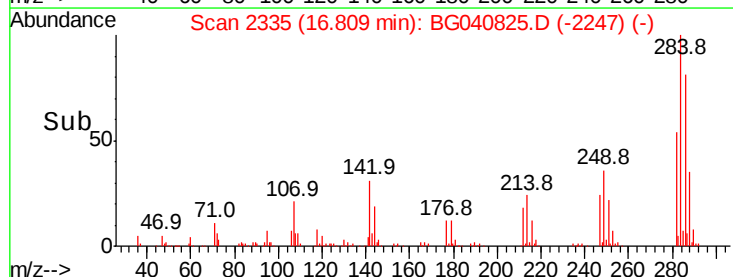
249 35.8 26.0 39.0

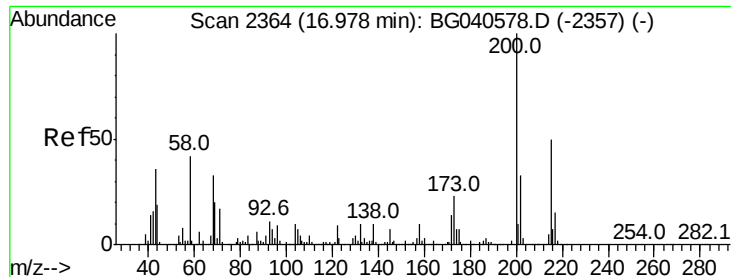


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

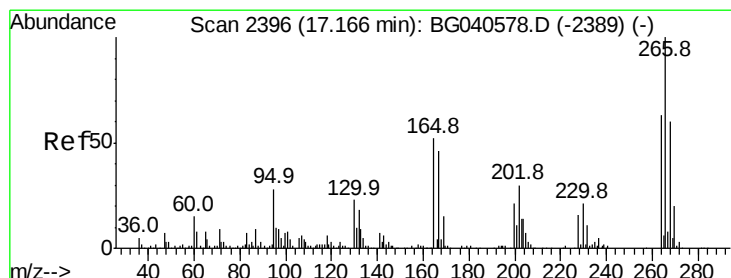
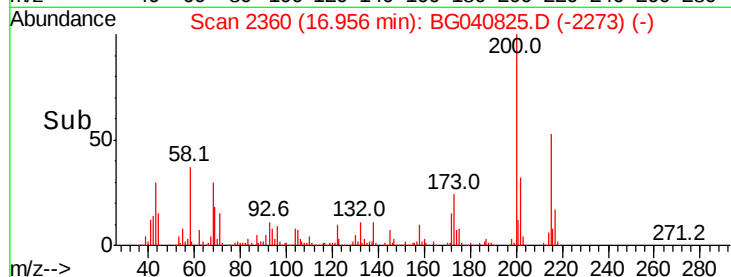
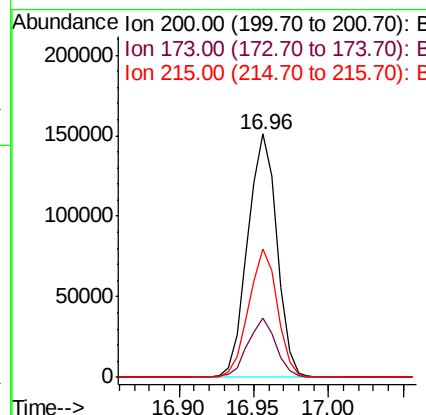
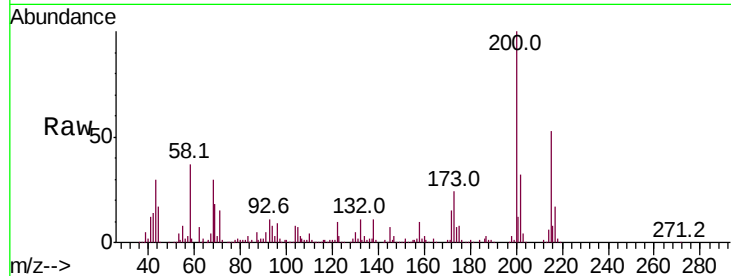




#69
 Atrazine
 Concen: 42.110 ng
 RT: 16.96 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

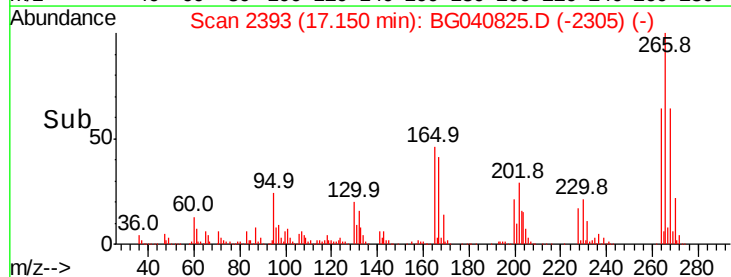
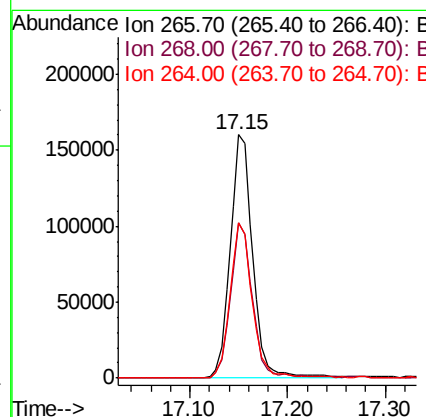
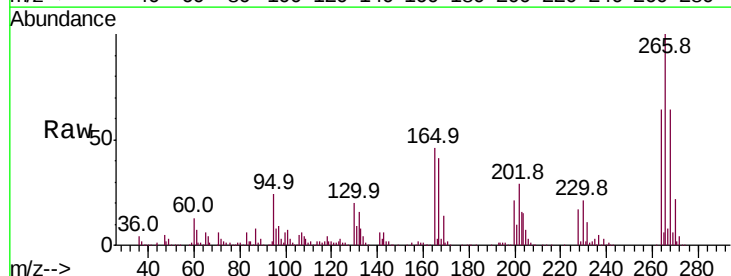
Instrument :
 BNA_G
 ClientSampleId :
 PB119594BS

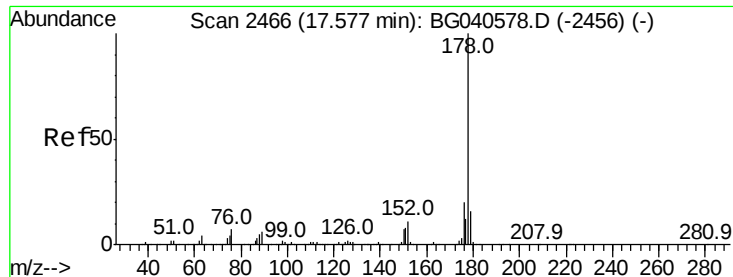
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	2.8	42.8
215	52.9	30.2	70.2



#70
 Pentachlorophenol
 Concen: 81.788 ng
 RT: 17.15 min Scan# 2393
 Delta R.T. -0.02 min
 Lab File: BG040825.D
 Acq: 9 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.3	78.5
264	64.0	50.0	75.0

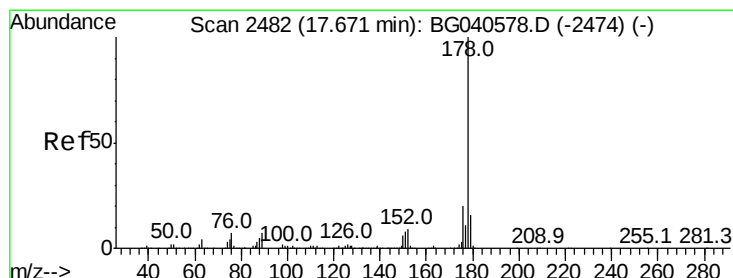
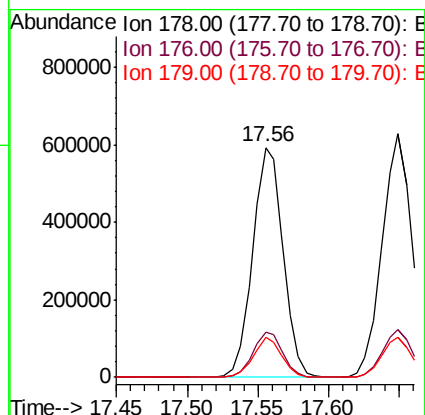
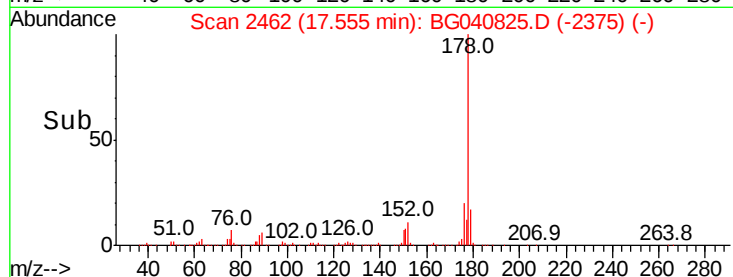
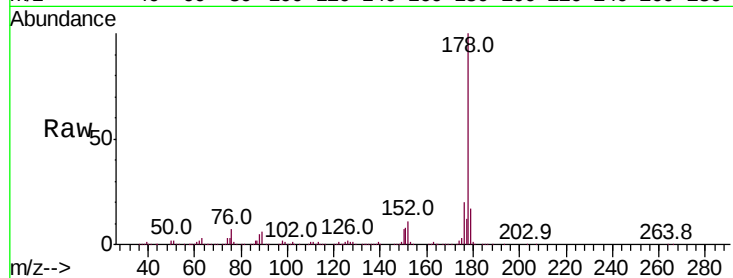




#71
Phenanthrene
Concen: 40.048 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

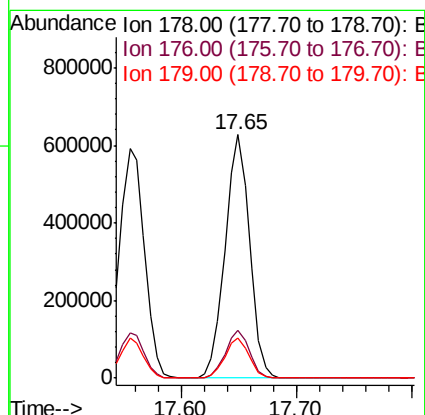
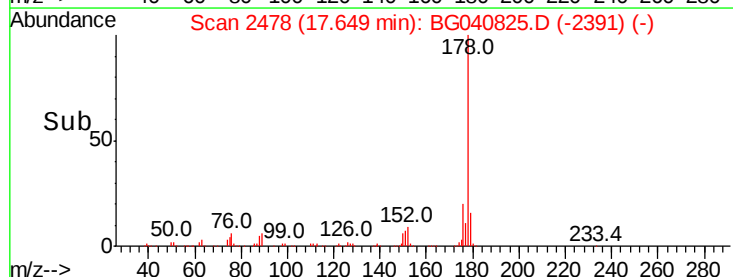
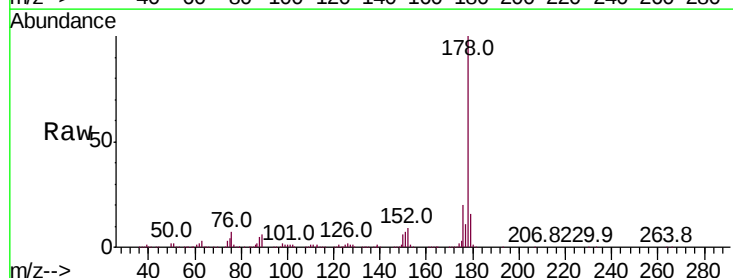
Instrument :
BNA_G
ClientSampleId :
PB119594BS

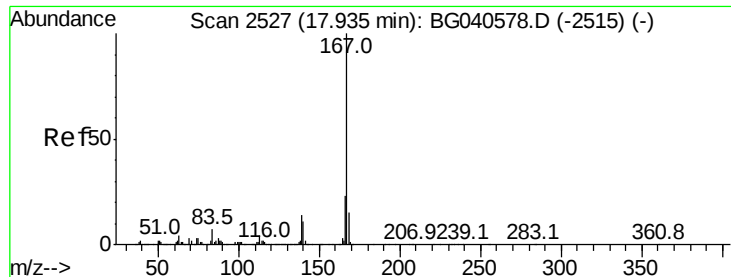
Tot Ion:178 Resp: 896552
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 17.2 12.6 18.8



#72
Anthracene
Concen: 40.930 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion:178 Resp: 921042
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.4 12.9 19.3





#73

Carbazole

Concen: 39.396 ng

RT: 17.92 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

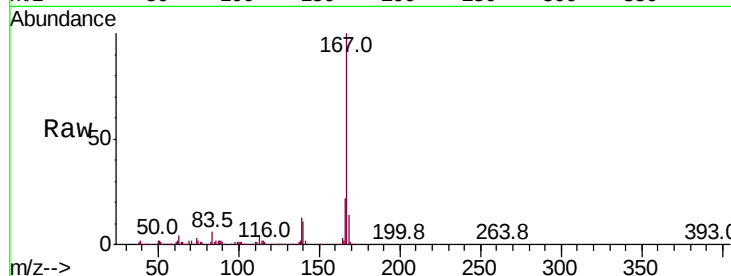
Tot Ion:167 Resp: 807680

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.4

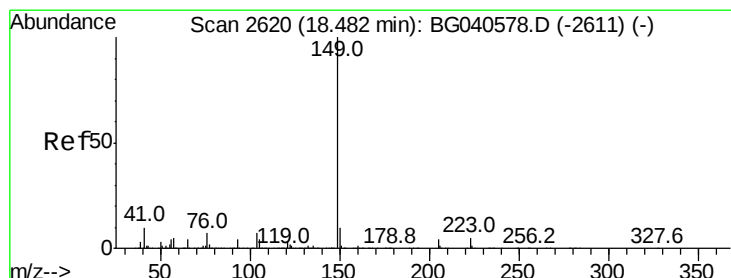
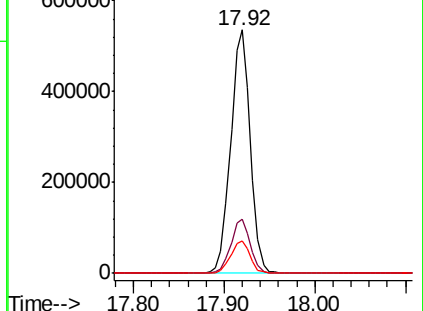
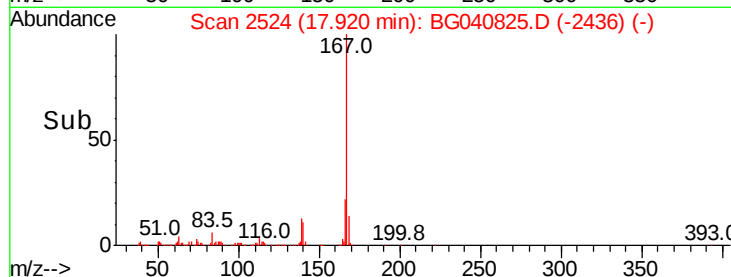
139 13.4 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.369 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.03 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

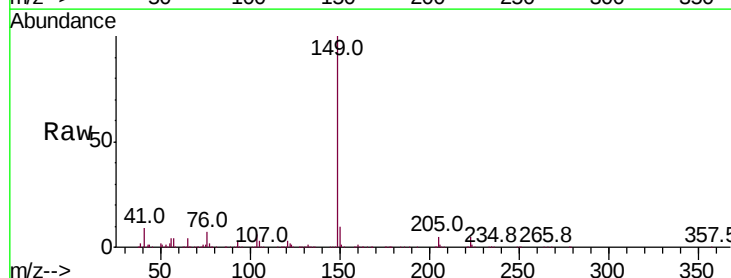
Tgt Ion:149 Resp: 974188

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

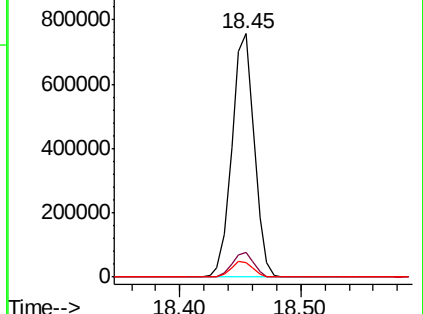
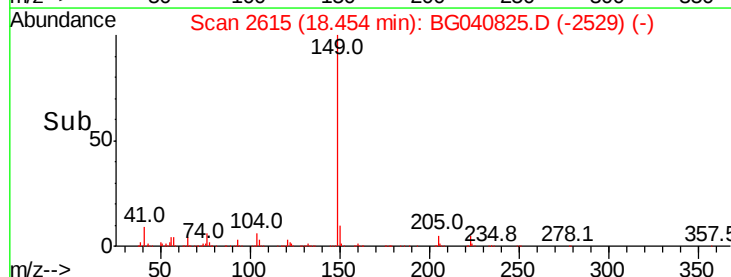
104 6.2 5.4 8.2

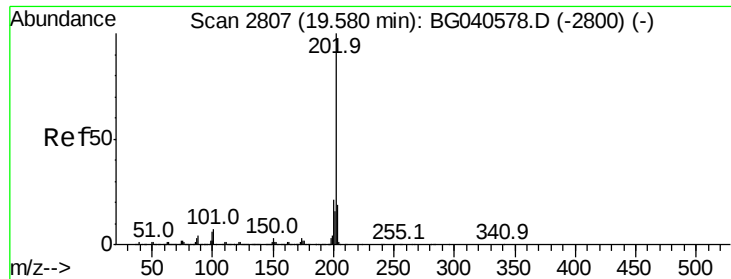


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.682 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

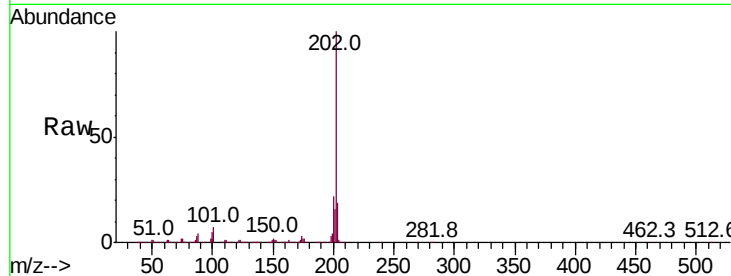
Tot Ion:202 Resp: 1190739

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.5

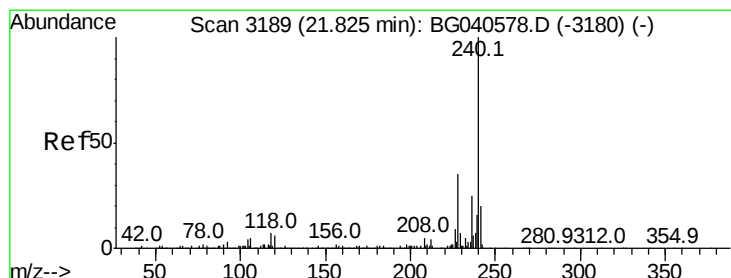
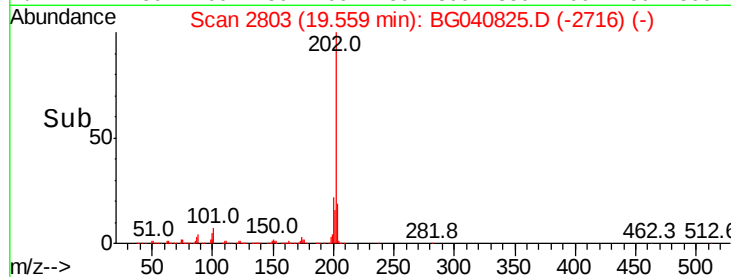
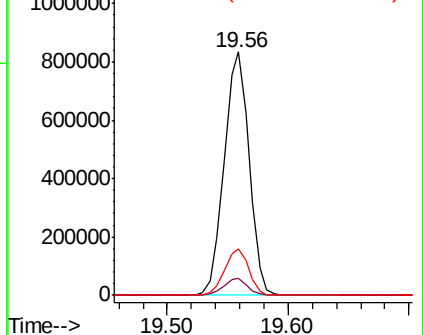
203 19.2 0.0 39.3



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: BG040825.D

Acq: 9 May 2019 21:03

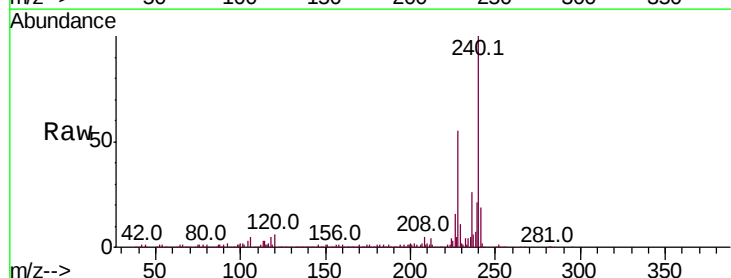
Tgt Ion:240 Resp: 422626

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.6

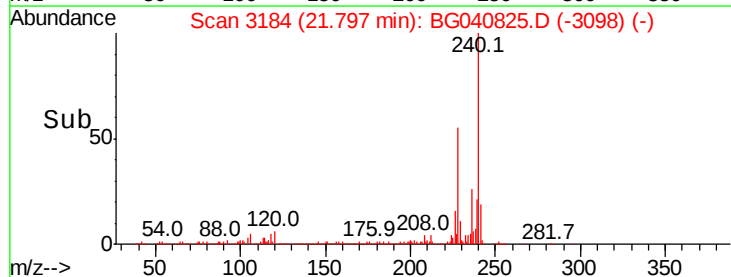
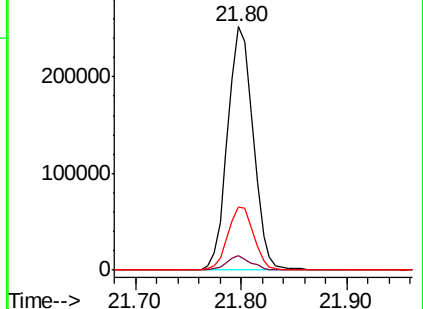
236 26.0 20.3 30.5

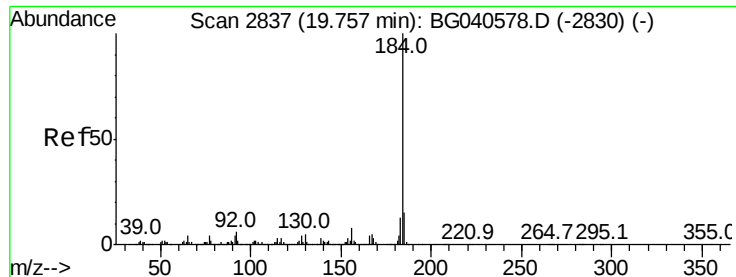


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.856 ng

RT: 19.74 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

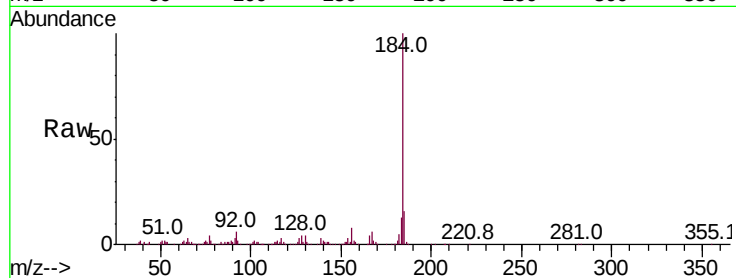
Tot Ion:184 Resp: 449628

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

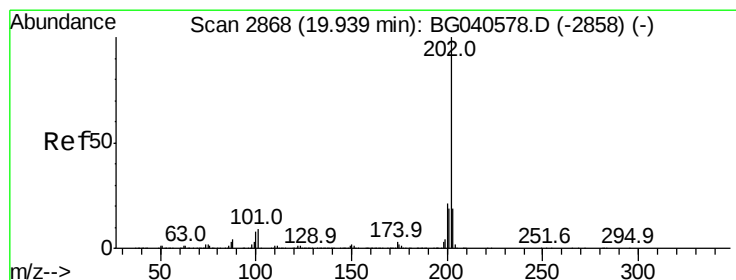
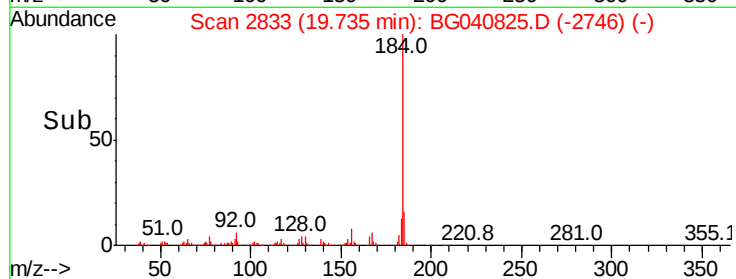
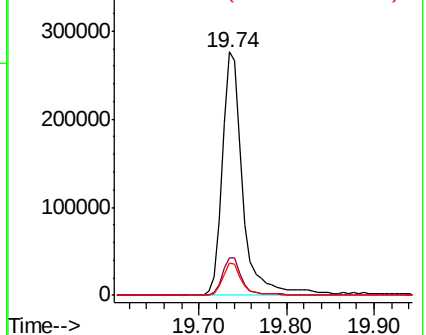
183 13.1 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.894 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

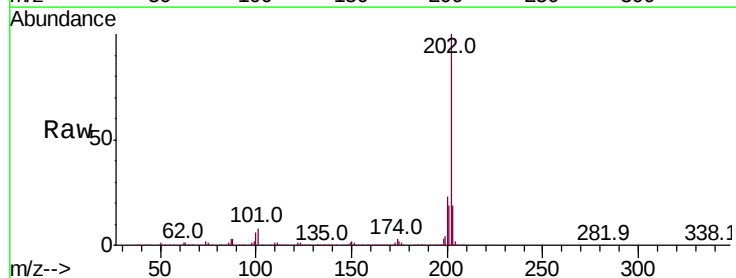
Tgt Ion:202 Resp: 1162688

Ion Ratio Lower Upper

202 100

200 22.8 17.2 25.8

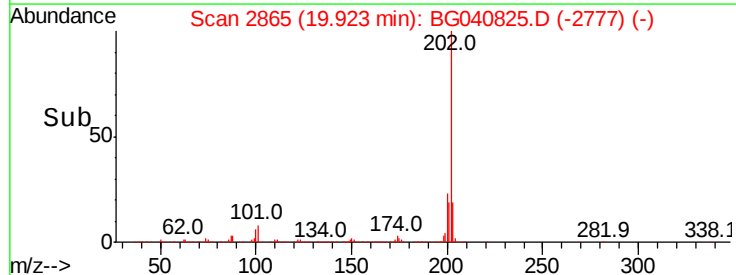
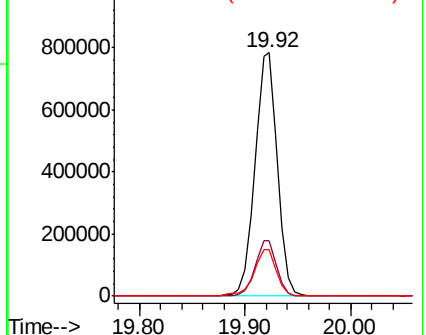
203 19.3 15.0 22.4

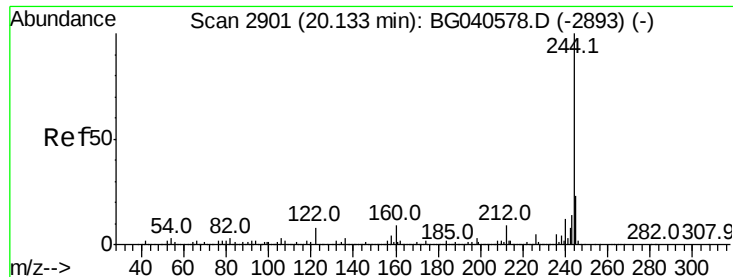


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.034 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

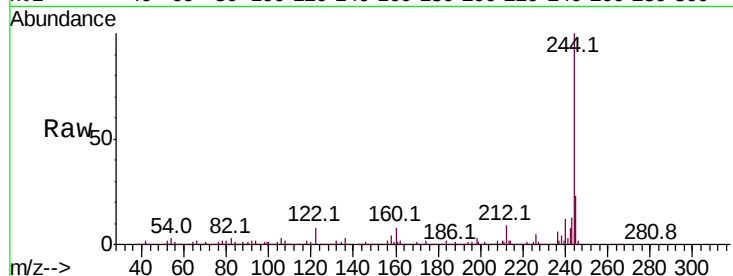
BNA_G

ClientSampleId :

PB119594BS

Tot Ion:244 Resp: 1698467

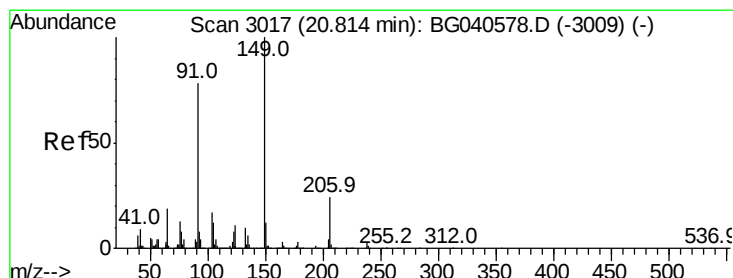
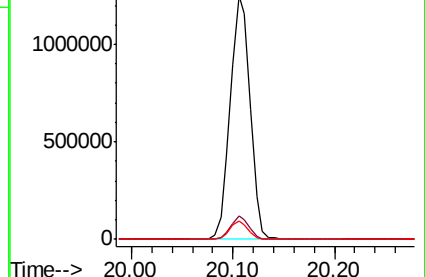
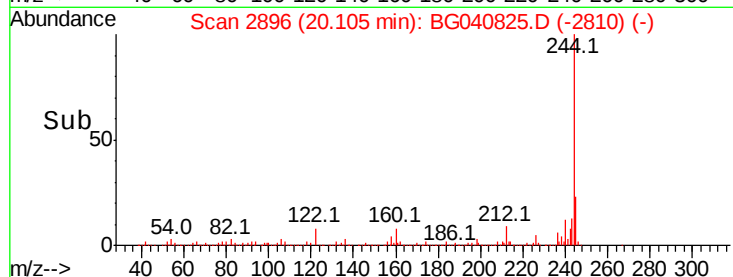
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	7.6	6.6	10.0



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: 42.911 ng

RT: 20.79 min Scan# 3012

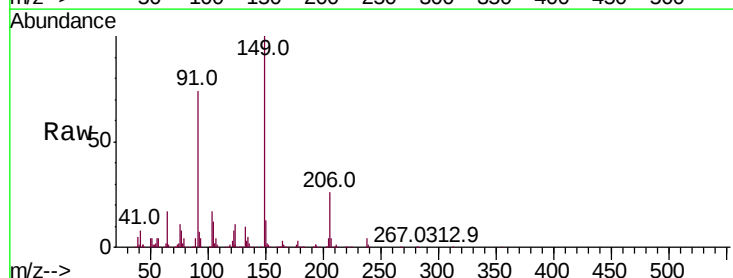
Delta R.T. -0.03 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:149 Resp: 443007

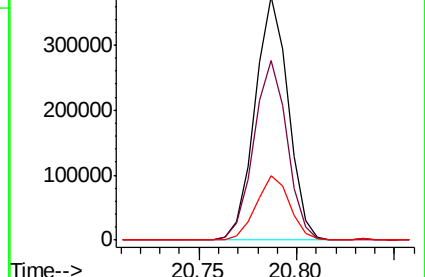
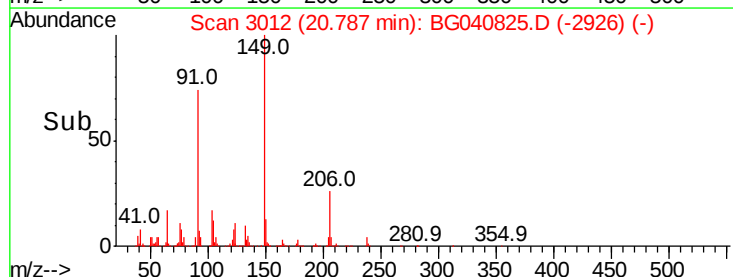
Ion	Ratio	Lower	Upper
149	100		
91	73.9	62.6	93.8
206	26.4	19.4	29.2

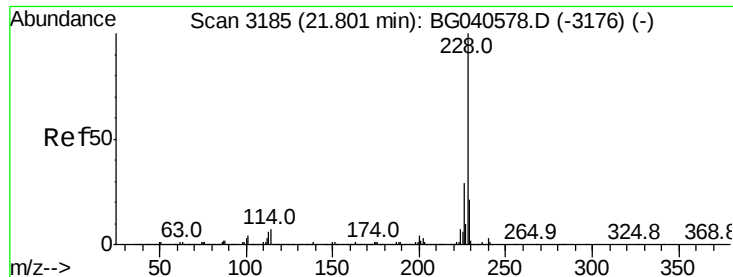


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.430 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

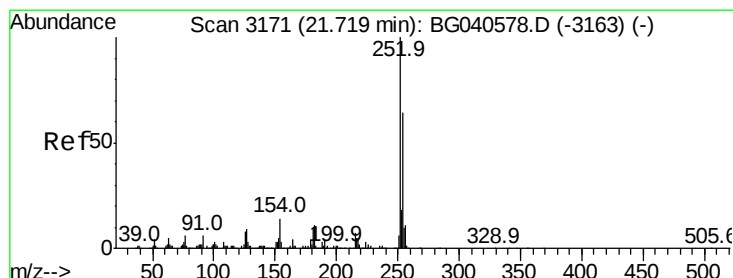
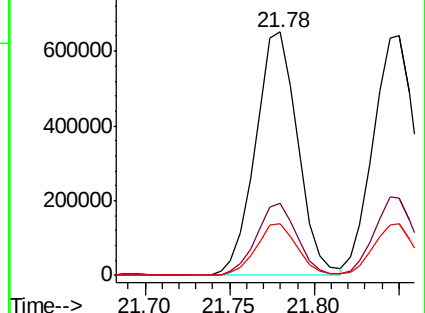
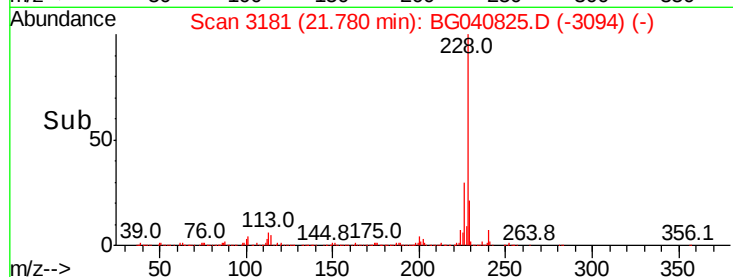
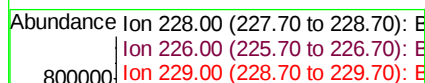
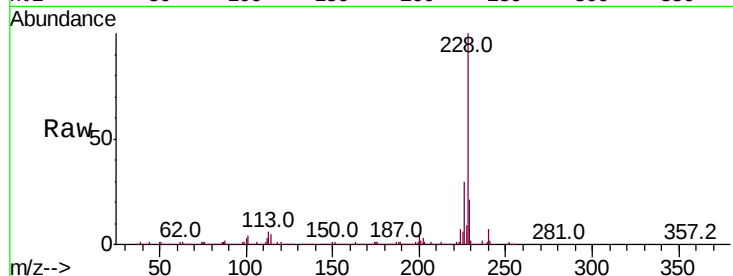
BNA_G

ClientSampleId :

PB119594BS

Tot Ion:228 Resp: 1133315

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.1	34.7
229	21.3	17.0	25.4



#82

3,3'-Dichlorobenzidine

Concen: 35.464 ng

RT: 21.69 min Scan# 3166

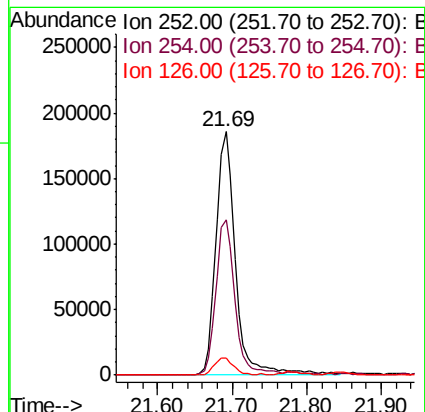
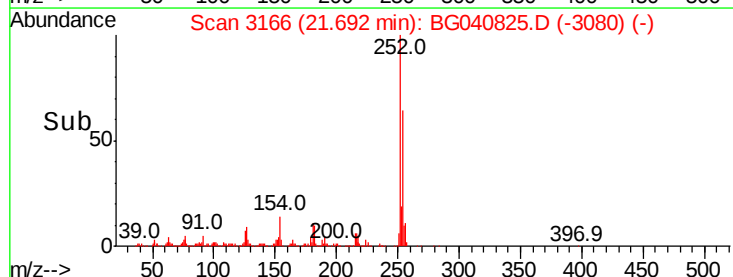
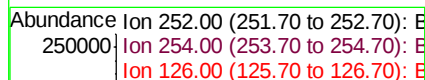
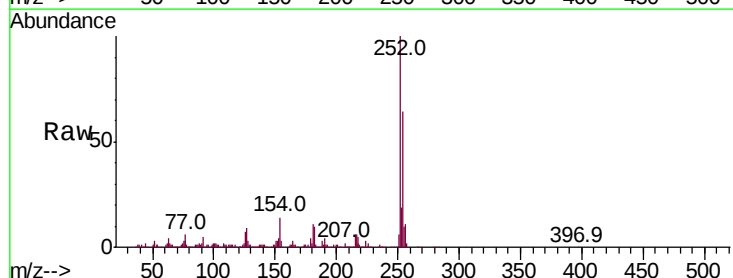
Delta R.T. -0.03 min

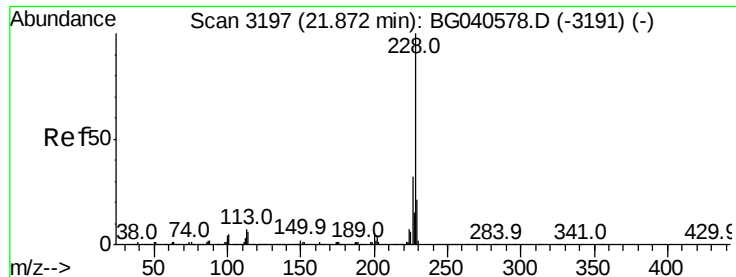
Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:252 Resp: 337623

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	7.2	6.6	10.0





#83

Chrysene

Concen: 44.339 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

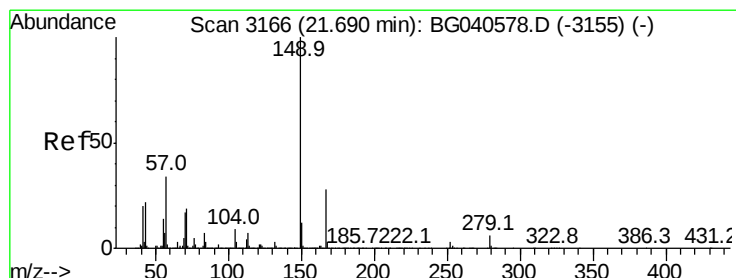
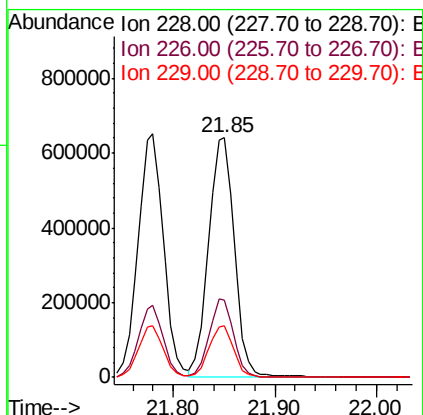
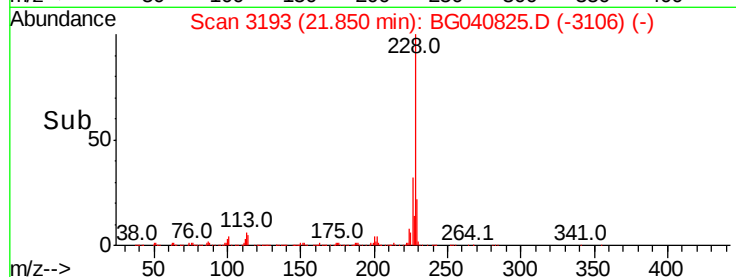
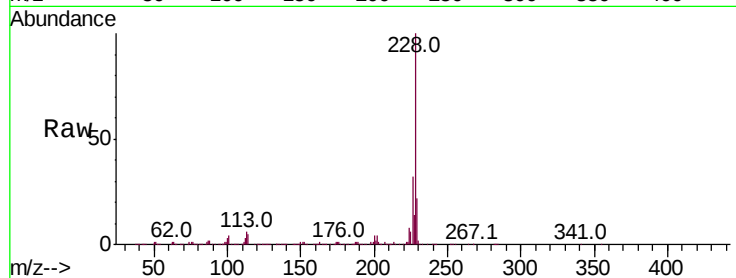
BNA_G

ClientSampleId :

PB119594BS

Tot Ion:228 Resp: 1126300

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.5	38.3
229	21.6	16.8	25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.477 ng

RT: 21.65 min Scan# 3159

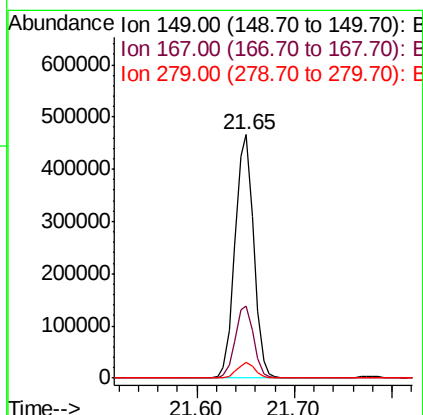
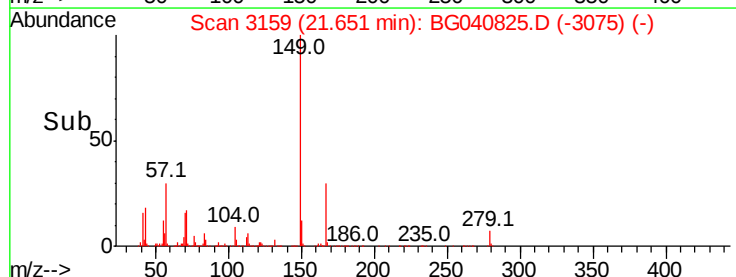
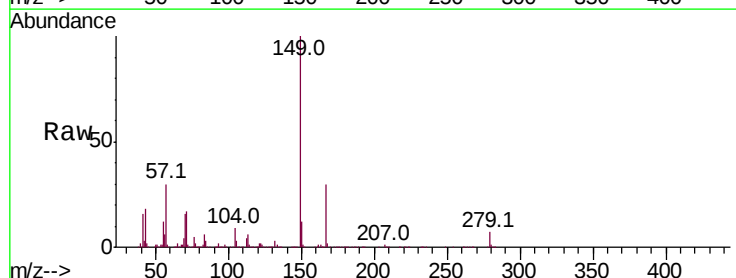
Delta R.T. -0.04 min

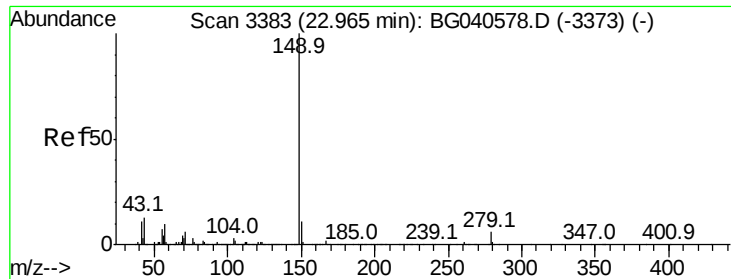
Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:149 Resp: 618111

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.4	33.6
279	6.6	4.6	6.8

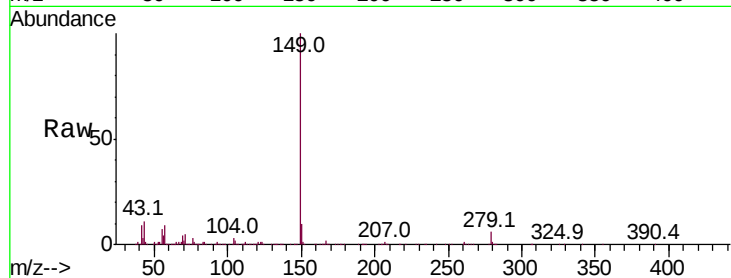




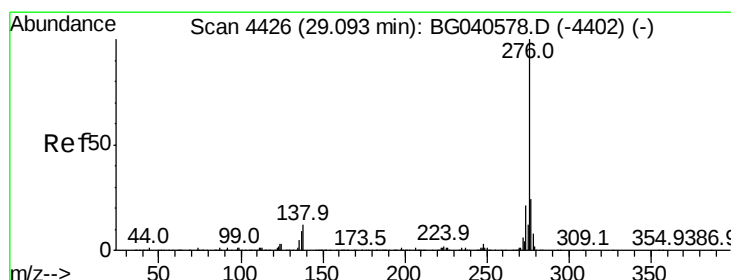
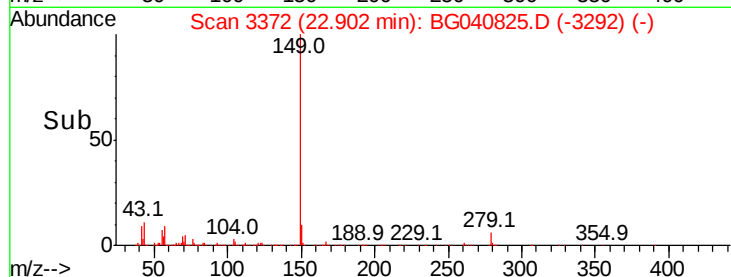
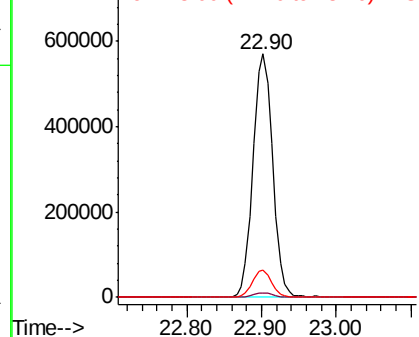
#85
Di-n-octyl phthalate
Concen: 41.730 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.06 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Instrument :
BNA_G
ClientSampleId :
PB119594BS

Tot Ion:149 Resp: 1047343
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.9 10.2 15.2

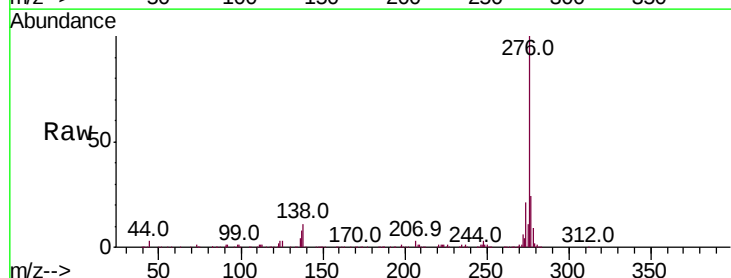


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

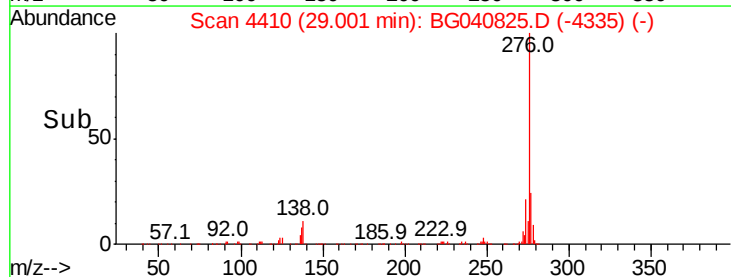
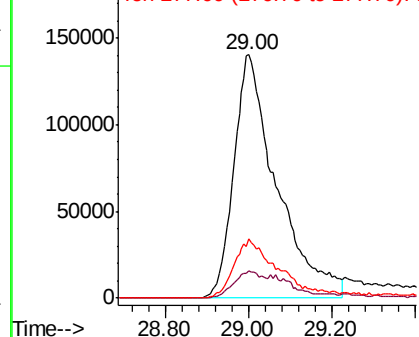


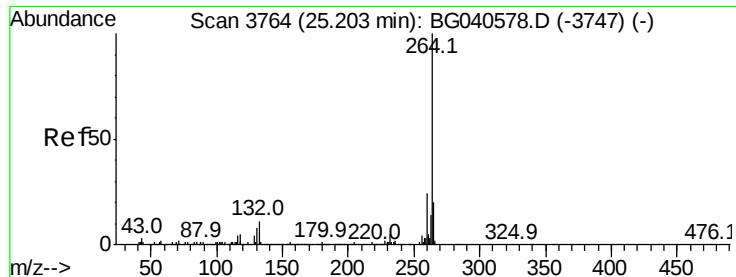
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.633 ng
RT: 29.00 min Scan# 4410
Delta R.T. -0.09 min
Lab File: BG040825.D
Acq: 9 May 2019 21:03

Tgt Ion:276 Resp: 1002246
Ion Ratio Lower Upper
276 100
138 7.5 9.8 14.6#
277 24.9 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

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

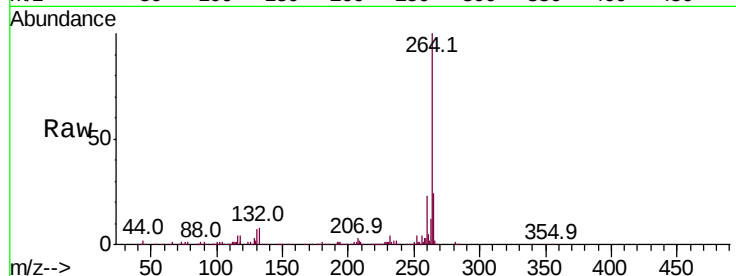
Tot Ion:264 Resp: 426480

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

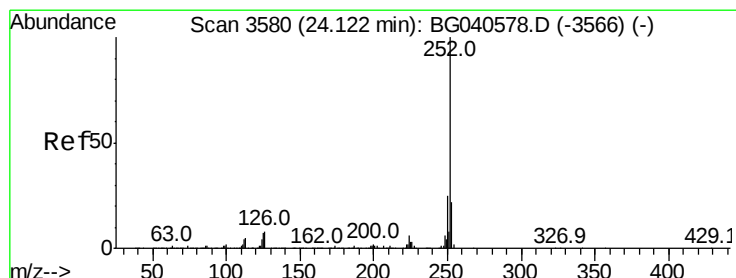
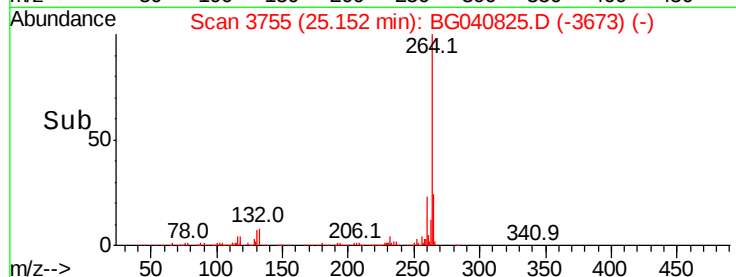
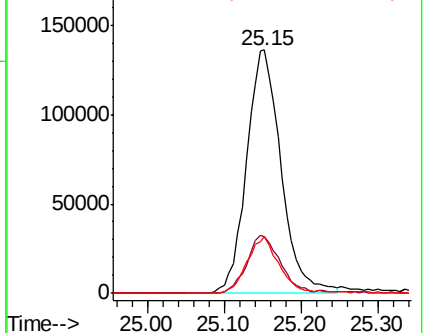
265 23.5 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.600 ng

RT: 24.08 min Scan# 3572

Delta R.T. -0.04 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

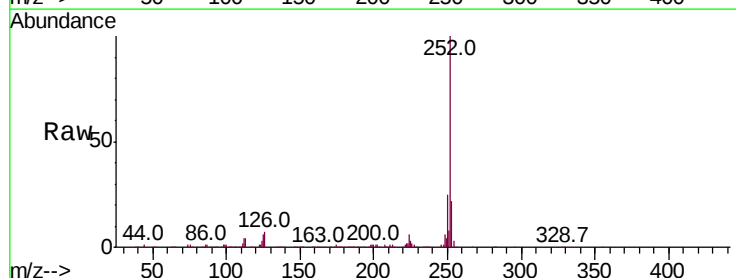
Tgt Ion:252 Resp: 1110216

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

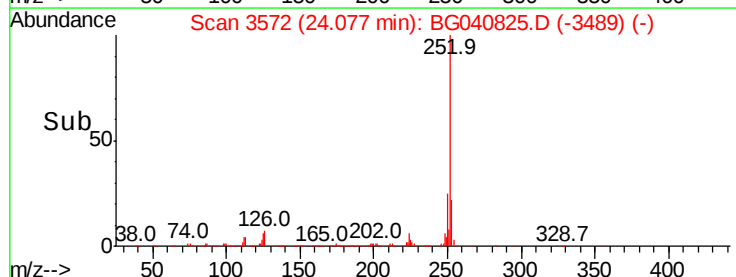
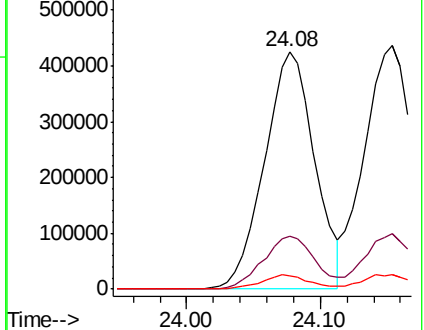
125 5.5 5.4 8.0

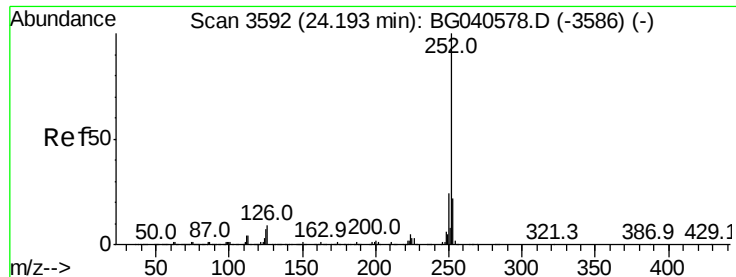


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.487 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.04 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

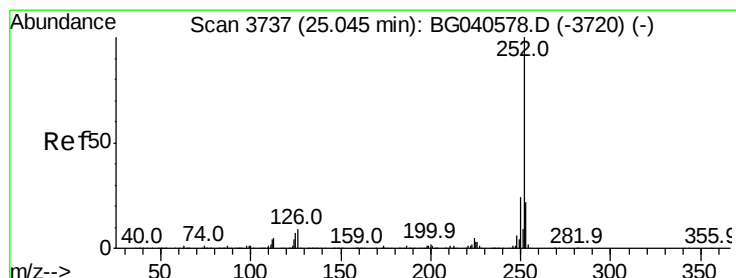
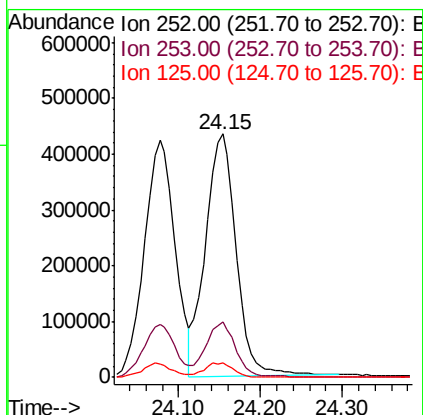
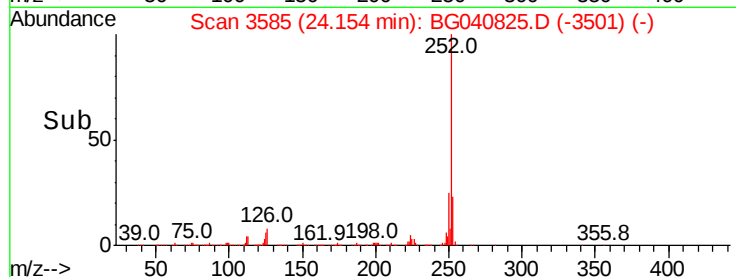
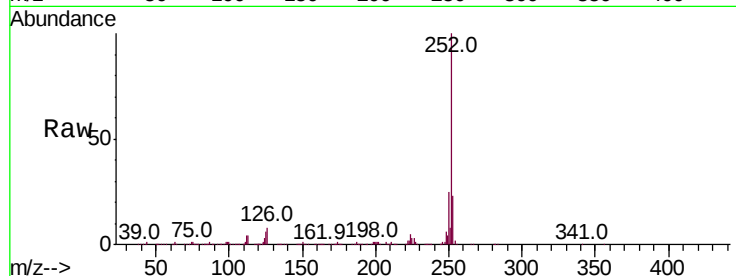
Tot Ion:252 Resp: 1131454

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 5.7 5.5 8.3



#90

Benzo(a)pyrene

Concen: 43.320 ng

RT: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

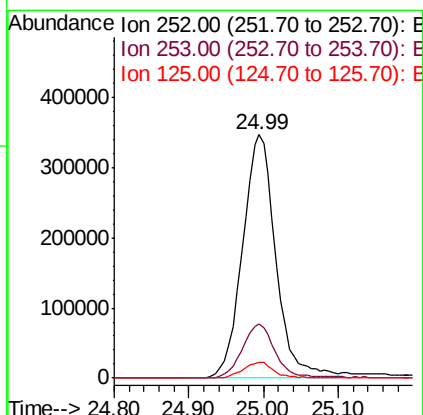
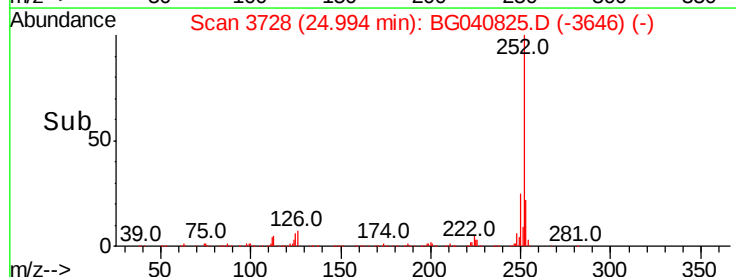
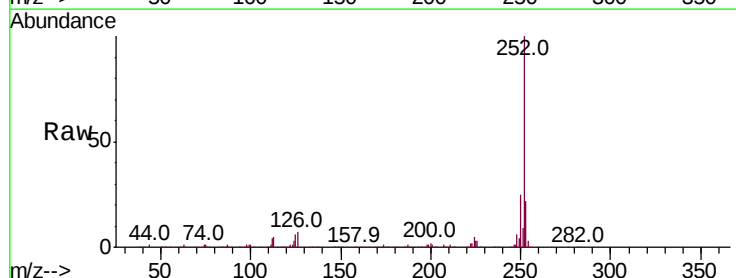
Tgt Ion:252 Resp: 1068682

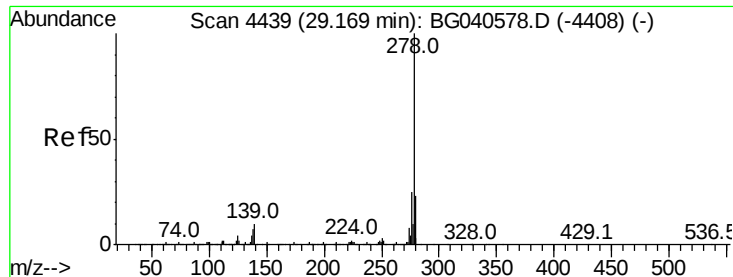
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 6.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 31.915 ng

RT: 29.08 min Scan# 4423

Delta R.T. -0.09 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Instrument :

BNA_G

ClientSampleId :

PB119594BS

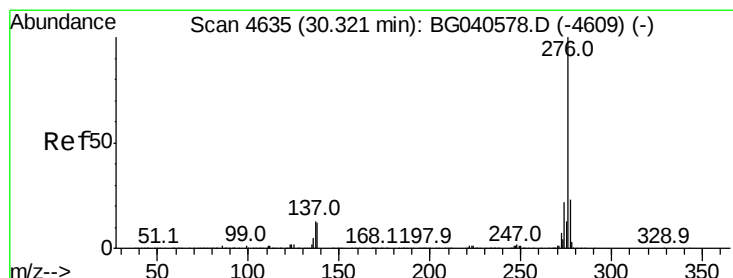
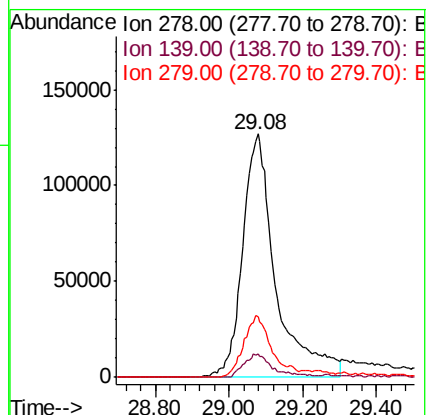
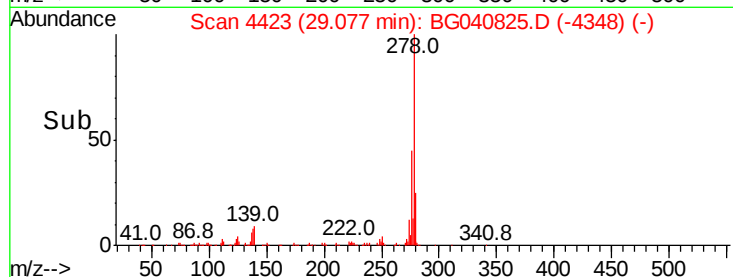
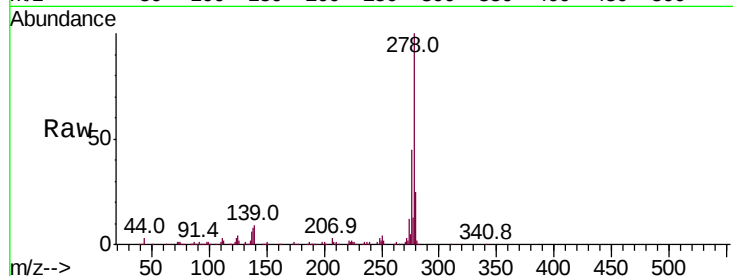
Tot Ion:278 Resp: 796744

Ion Ratio Lower Upper

278 100

139 9.4 8.2 12.4

279 24.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 32.420 ng

RT: 30.22 min Scan# 4618

Delta R.T. -0.10 min

Lab File: BG040825.D

Acq: 9 May 2019 21:03

Tgt Ion:276 Resp: 805495

Ion Ratio Lower Upper

276 100

277 22.6 18.4 27.6

138 10.4 9.8 14.6

