

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041891.D
 Acq On : 2 Aug 2019 16:47
 Operator : HP/JU
 Sample : K4130-17MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMSD

Quant Time: Aug 02 18:32:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91762	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	382193	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	293946	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	665854	20.00	ng	0.00
76) Chrysene-d12	21.74	240	661728	20.00	ng	0.00
87) Perylene-d12	25.01	264	793051	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	494997	104.95	ng	0.00
7) Phenol-d6	7.19	99	693710	109.10	ng	0.00
23) Nitrobenzene-d5	9.20	82	410805	73.97	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	419289	125.58	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1126456	67.59	ng	0.00
79) Terphenyl-d14	20.06	244	1831786	63.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	58513	26.359	ng	92
3) Pyridine	3.86	79	169360	27.822	ng	90
4) n-Nitrosodimethylamine	3.77	42	86043	35.656	ng	98
6) Aniline	7.36	93	204145	22.801	ng	95
8) 2-Chlorophenol	7.60	128	239467	44.341	ng	95
9) Benzaldehyde	7.17	77	119972	26.815	ng	94
10) Phenol	7.22	94	300550	45.435	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	198831	36.562	ng	95
12) 1,3-Dichlorobenzene	7.93	146	256454	36.383	ng	98
13) 1,4-Dichlorobenzene	8.08	146	263828	37.407	ng	98
14) 1,2-Dichlorobenzene	8.40	146	251801	37.415	ng	95
15) Benzyl Alcohol	8.28	79	207590	41.499	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	336023	34.731	ng	96
17) 2-Methylphenol	8.48	107	206888	43.005	ng	98
18) Hexachloroethane	9.14	117	90948	37.656	ng	89
19) n-Nitroso-di-n-propylamine	8.85	70	172198	37.303	ng	90
20) 3+4-Methylphenols	8.81	107	287621	43.690	ng	99
22) Acetophenone	8.86	105	333154	38.971	ng	# 93
24) Nitrobenzene	9.25	77	251091	42.914	ng	98
25) Isophorone	9.78	82	480082	39.737	ng	99
26) 2-Nitrophenol	9.97	139	160797	59.214	ng	96
27) 2,4-Dimethylphenol	10.03	122	239359	49.943	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	283809	37.591	ng	98
29) 2,4-Dichlorophenol	10.51	162	296603	50.819	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	298579	40.342	ng	98
31) Naphthalene	10.91	128	722069	41.280	ng	97
32) Benzoic acid	10.20	122	7027m	10.408	ng	
33) 4-Chloroaniline	11.01	127	163513	19.712	ng	97
34) Hexachlorobutadiene	11.21	225	193883	38.814	ng	98
35) Caprolactam	11.80	113	105082m	51.807	ng	
36) 4-Chloro-3-methylphenol	12.14	107	293659	50.750	ng	97
37) 2-Methylnaphthalene	12.52	142	592800	42.815	ng	100
38) 1-Methylnaphthalene	12.74	142	559377	42.632	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	386289	41.516	ng	98

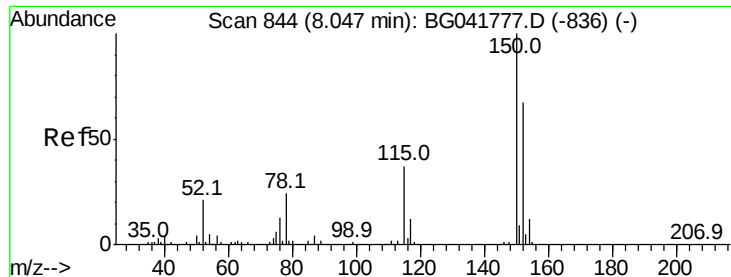
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	375594	71.797	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	304458	51.771	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	324532	53.103	nq	96
46) 1,1'-Biphenyl	13.53	154	779962	41.277	nq	97
47) 2-Chloronaphthalene	13.58	162	644616	40.069	nq	98
48) 2-Nitroaniline	13.77	65	192118	47.086	nq	91
49) Acenaphthylene	14.42	152	1031745	42.874	nq	98
50) Dimethylphthalate	14.15	163	955467	47.594	nq	100
51) 2,6-Dinitrotoluene	14.26	165	209918	50.007	nq	88
52) Acenaphthene	14.77	154	675752	43.175	nq	99
53) 3-Nitroaniline	14.59	138	139203	30.997	nq	# 87
54) 2,4-Dinitrophenol	14.80	184	99600	46.815	nq	87
55) Dibenzofuran	15.10	168	1042525	43.548	nq	96
56) 4-Nitrophenol	14.90	139	383796	112.587	nq	95
57) 2,4-Dinitrotoluene	15.06	165	293628	50.864	nq	91
58) Fluorene	15.75	166	863012	44.921	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	315829	52.179	nq	# 92
60) Diethylphthalate	15.51	149	848917	43.072	nq	100
61) 4-Chlorophenyl-phenylether	15.74	204	502840	42.873	nq	96
62) 4-Nitroaniline	15.76	138	217221	44.657	nq	96
63) Azobenzene	16.04	77	678160	42.121	nq	93
65) 4,6-Dinitro-2-methylphenol	15.82	198	131959	41.563	nq	89
66) n-Nitrosodiphenylamine	15.96	169	790660	43.593	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	349155	42.569	nq	97
68) Hexachlorobenzene	16.76	284	355808	41.466	nq	# 92
69) Atrazine	16.90	200	302730	42.481	nq	98
70) Pentachlorophenol	17.10	266	355542	72.938	nq	99
71) Phenanthrene	17.49	178	1850043	57.965	nq	99
72) Anthracene	17.59	178	1519527	47.737	nq	98
73) Carbazole	17.85	167	1249579	43.738	nq	97
74) Di-n-butylphthalate	18.42	149	1352063	41.744	nq	97
75) Fluoranthene	19.50	202	2556832	65.907	nq	95
77) Benzidine	19.68	184	708128	32.785	nq	97
78) Pyrene	19.87	202	2478910	63.227	nq	96
80) Butylbenzylphthalate	20.75	149	655175	43.586	nq	91
81) Benzo(a)anthracene	21.72	228	2286803	58.410	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	406203	25.842	nq	95
83) Chrysene	21.78	228	2142414	57.087	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	915592	44.157	nq	99
85) Di-n-octyl phthalate	22.86	149	1560844	44.728	nq	# 92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2587712	52.088	nq	# 93
88) Benzo(b)fluoranthene	23.98	252	2558081	58.964	nq	98
89) Benzo(k)fluoranthene	24.05	252	2127550	50.345	nq	# 97
90) Benzo(a)pyrene	24.87	252	2416606m	58.080	nq	
91) Dibenzo(a,h)anthracene	28.82	278	1905752m	46.647	nq	
92) Benzo(g,h,i)perylene	29.93	276	2189250	53.635	nq	# 94

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

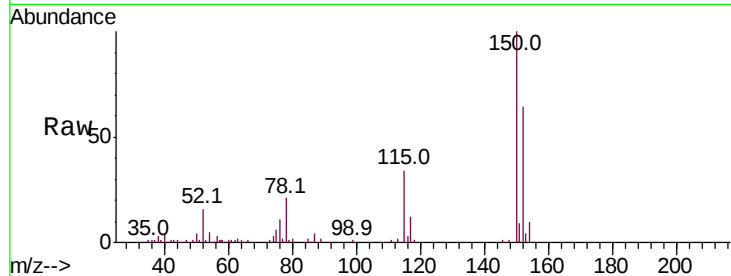


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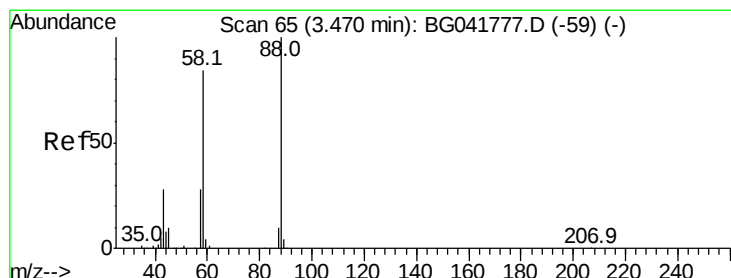
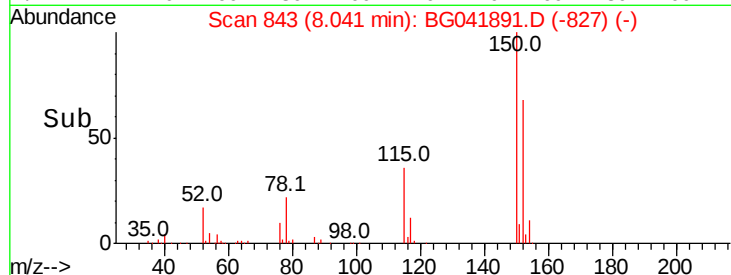
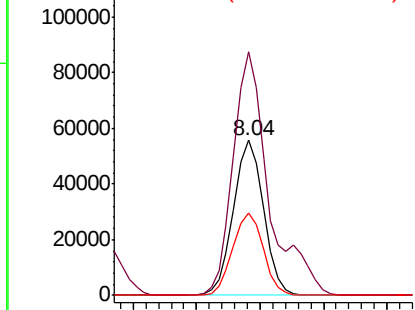
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSSD

Tot Ion:152 Resp: 91762
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 52.7 45.0 67.6



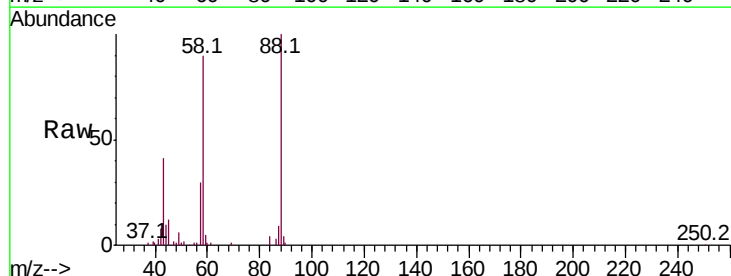
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



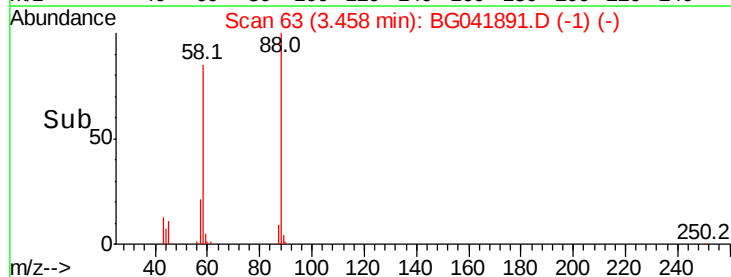
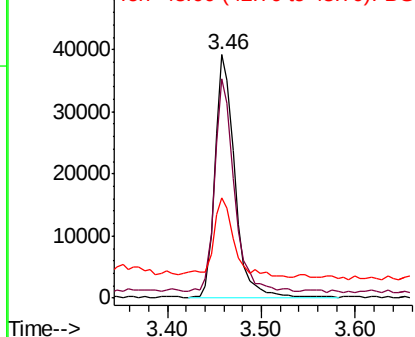
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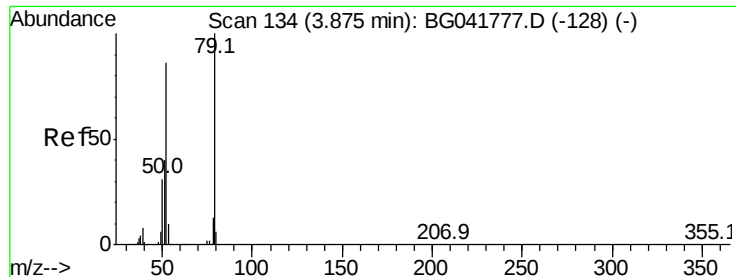
1,4-Dioxane
Concen: 26.359 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion: 88 Resp: 58513
Ion Ratio Lower Upper
88 100
58 84.9 76.2 114.2
43 35.0 27.2 40.8



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





#3

Pvridine

Concen: 27.822 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMASD

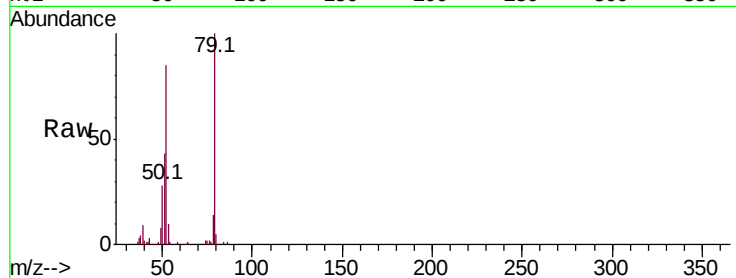
Tot Ion: 79 Resp: 169360

Ion Ratio Lower Upper

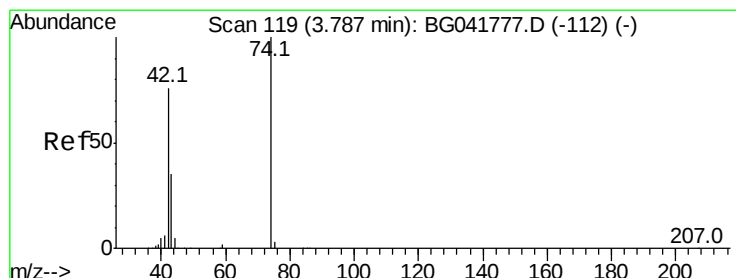
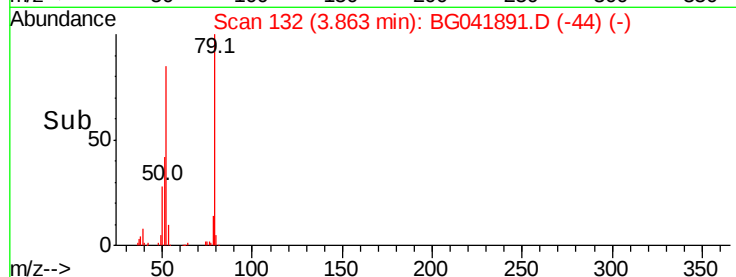
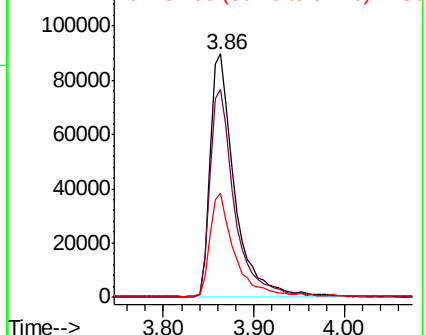
79 100

52 85.5 77.1 115.7

51 42.9 37.8 56.8



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: 35.656 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

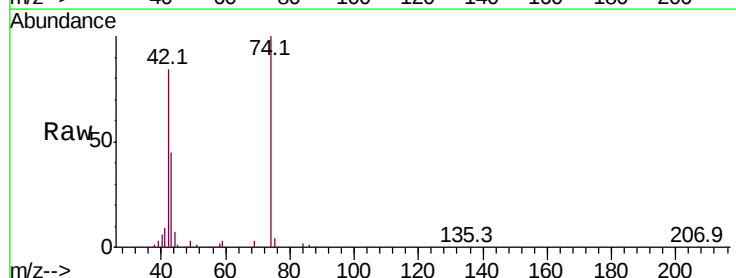
Tgt Ion: 42 Resp: 86043

Ion Ratio Lower Upper

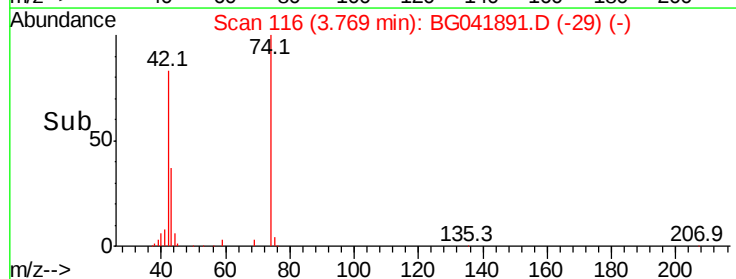
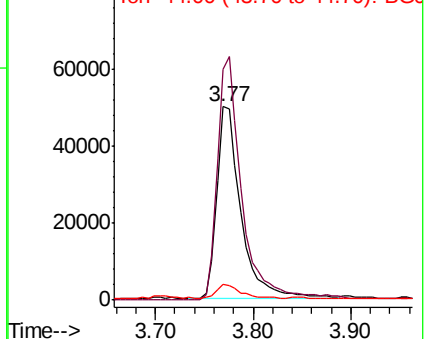
42 100

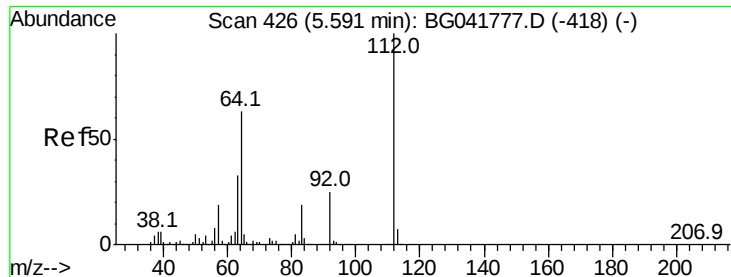
74 119.7 97.4 146.2

44 7.8 6.6 9.8



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: 104.954 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

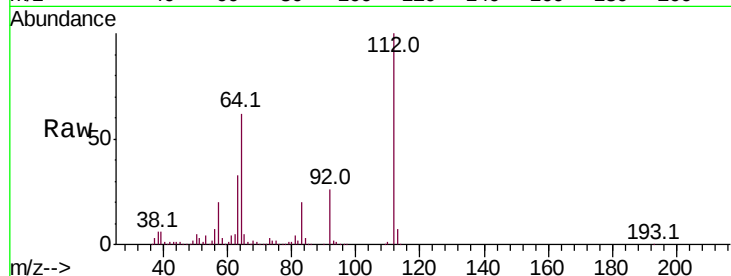
Tot Ion:112 Resp: 494997

Ion Ratio Lower Upper

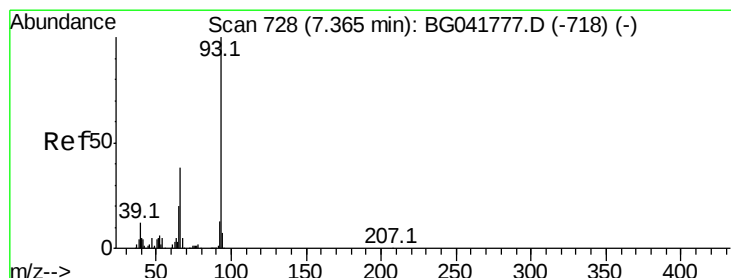
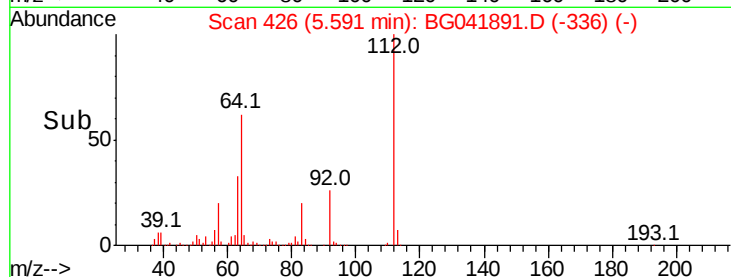
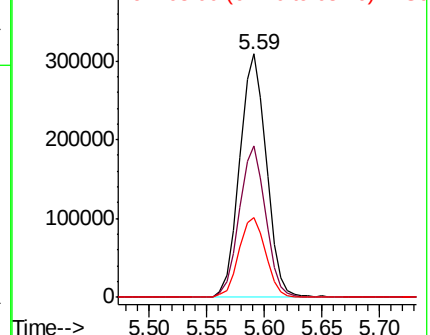
112 100

64 62.5 55.4 83.2

63 32.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.801 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

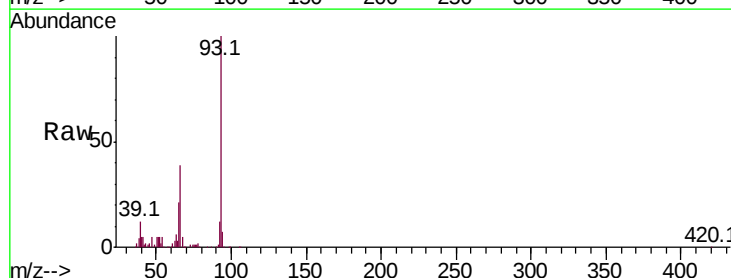
Tgt Ion: 93 Resp: 204145

Ion Ratio Lower Upper

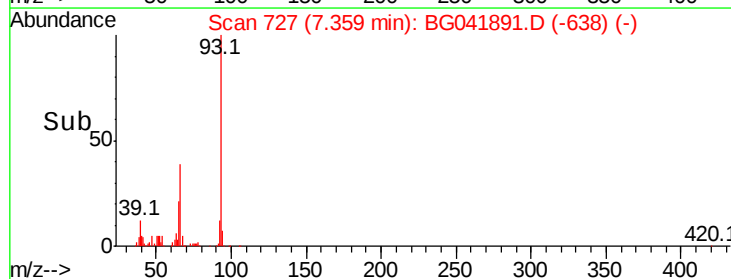
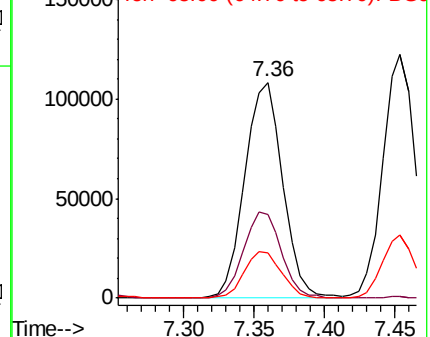
93 100

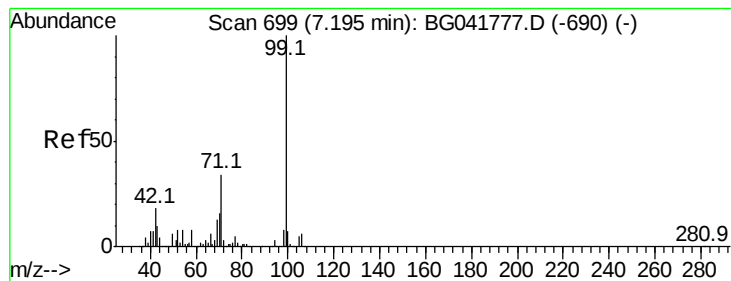
66 38.6 34.2 51.2

65 21.1 18.2 27.2



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: 109.102 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

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ClientSampleId :

1S-M-(0-30)-COMPMSSD

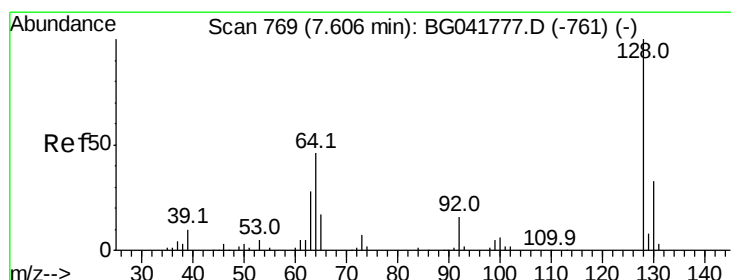
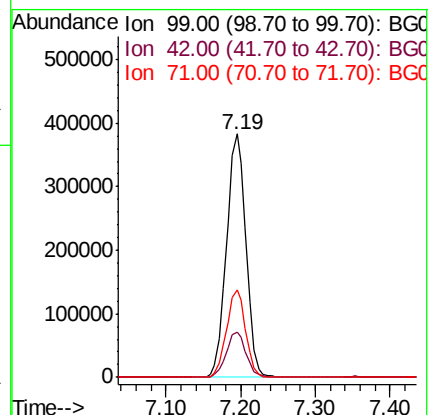
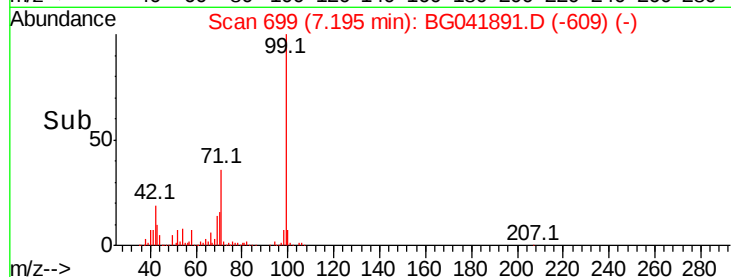
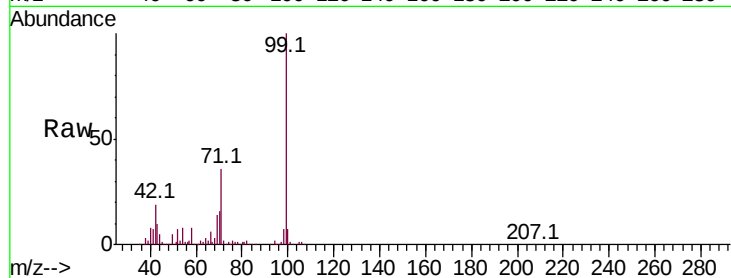
Tot Ion: 99 Resp: 693710

Ion Ratio Lower Upper

99 100

42 18.6 17.6 26.4

71 36.1 27.8 41.6



#8

2-Chlorophenol

Concen: 44.341 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

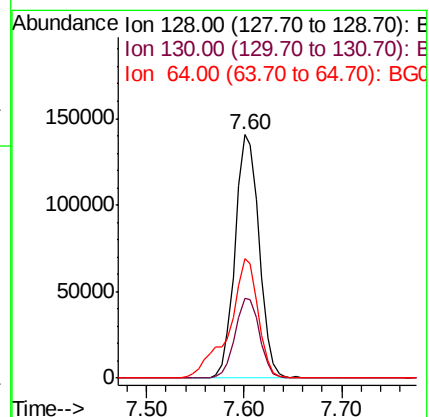
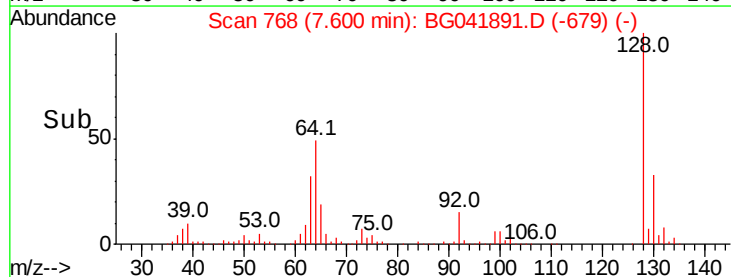
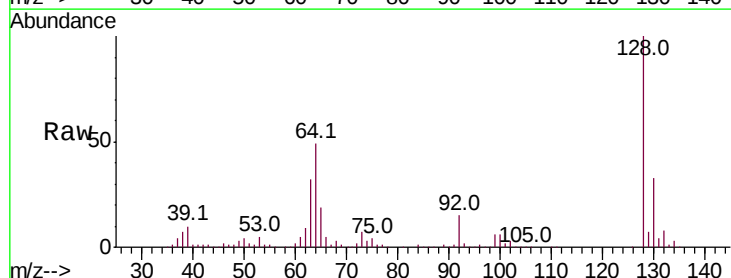
Tgt Ion:128 Resp: 239467

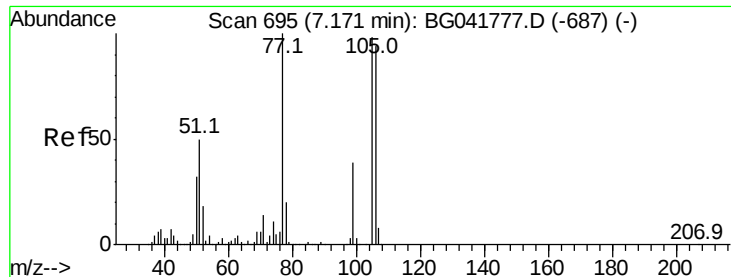
Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

64 49.2 34.9 74.9





#9

Benzaldehyde

Concen: 26.815 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

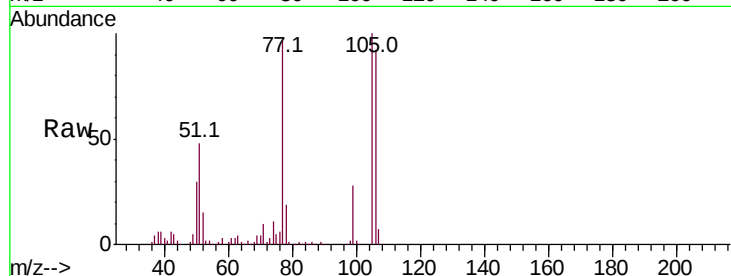
Tot Ion: 77 Resp: 119972

Ion Ratio Lower Upper

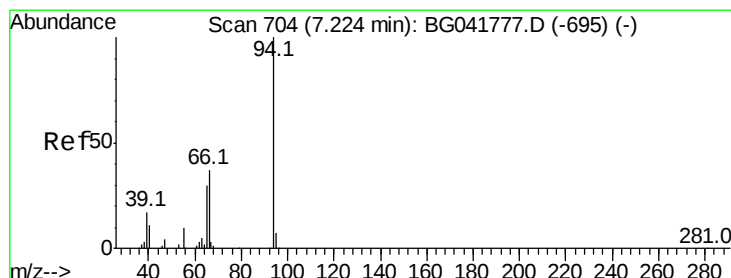
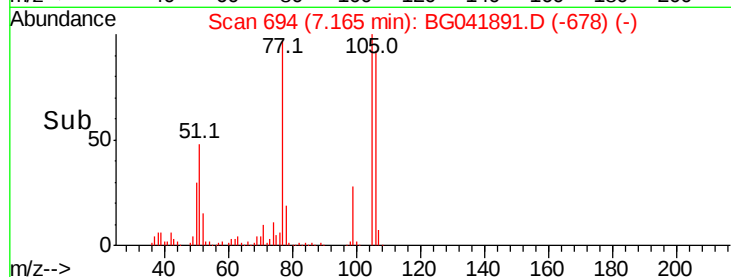
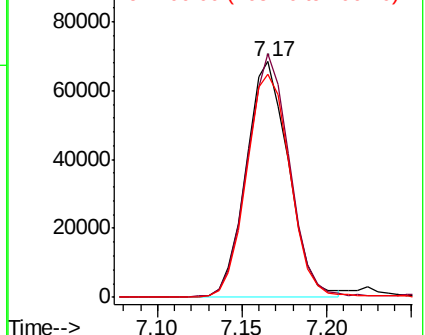
77 100

105 103.3 74.6 114.6

106 94.5 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.435 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

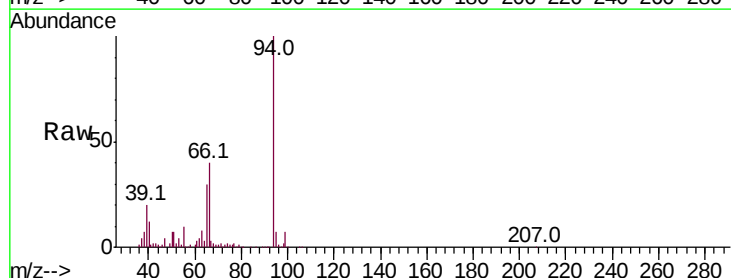
Tgt Ion: 94 Resp: 300550

Ion Ratio Lower Upper

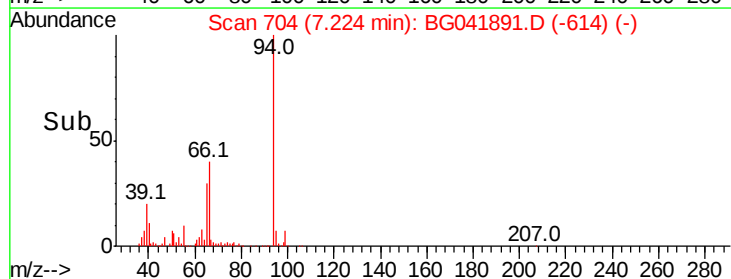
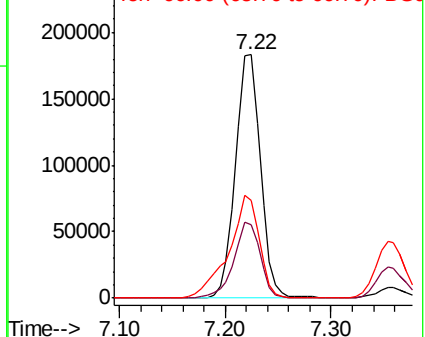
94 100

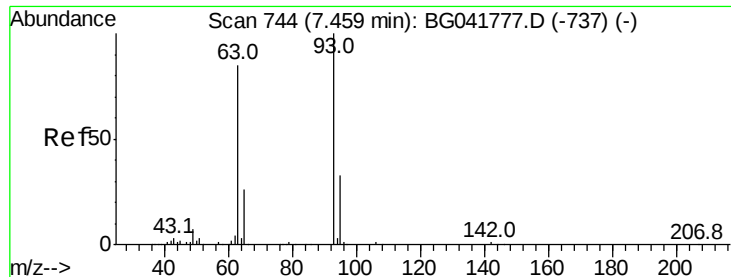
65 30.0 10.6 50.6

66 40.4 18.2 58.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

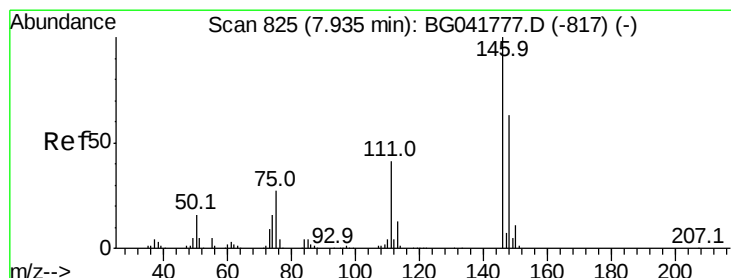
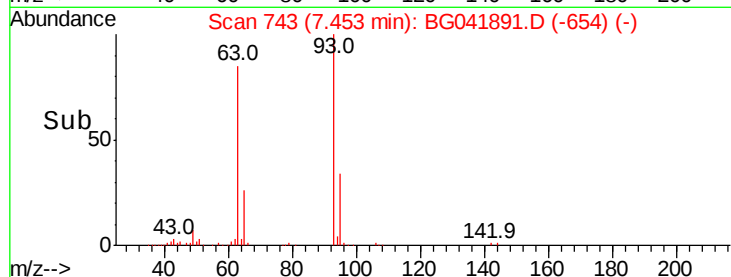
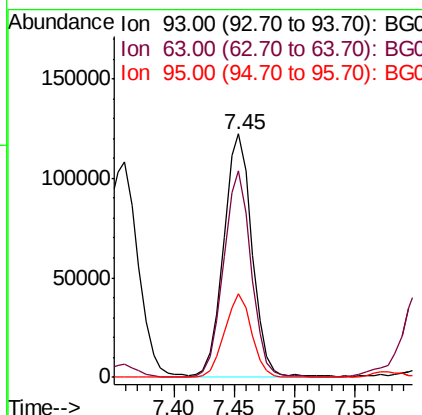
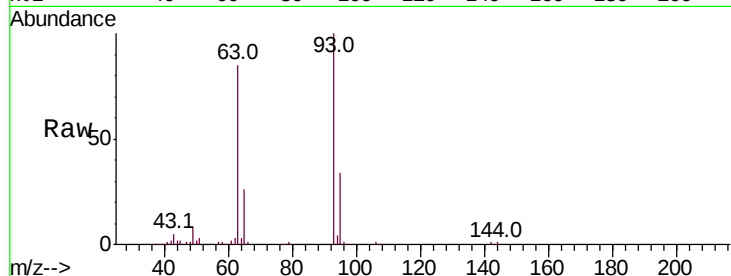




#11
bis(2-Chloroethyl)ether
Concen: 36.562 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

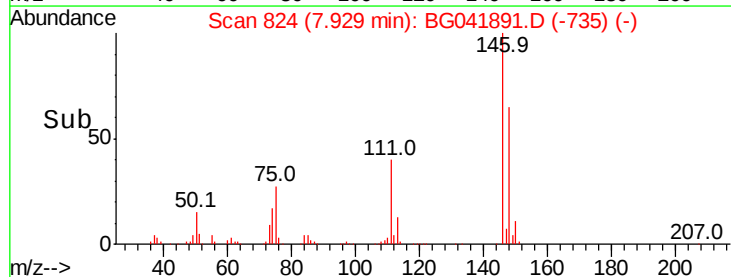
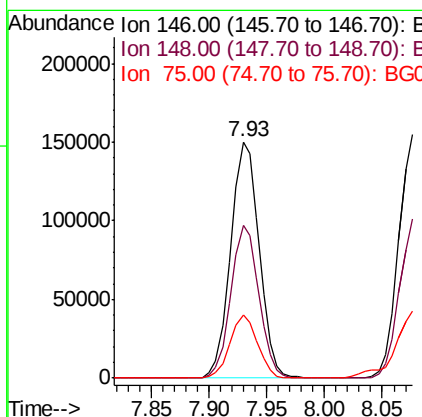
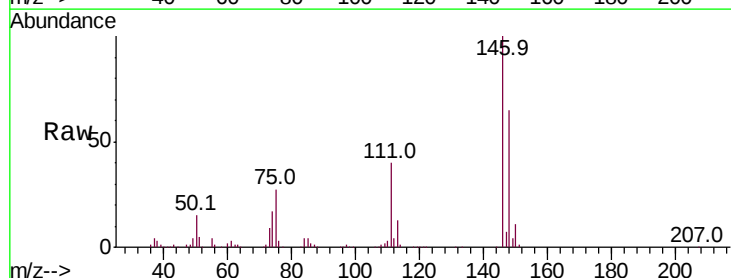
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSD

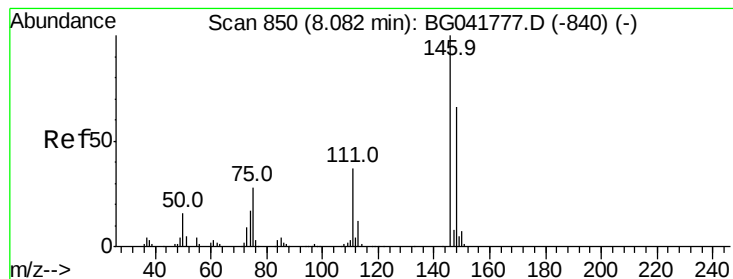
Tot Ion: 93 Resp: 198831
Ion Ratio Lower Upper
93 100
63 84.6 70.4 110.4
95 34.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.383 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion: 146 Resp: 256454
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
75 26.8 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 37.407 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

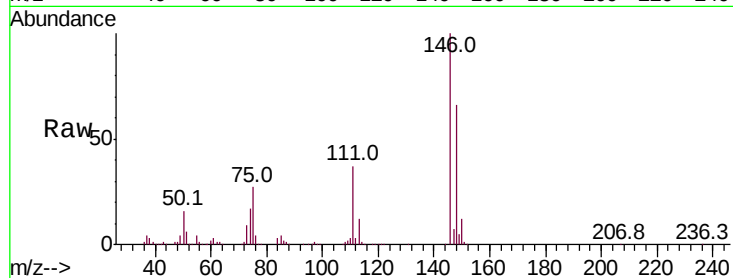
Tot Ion:146 Resp: 263828

Ion Ratio Lower Upper

146 100

148 65.5 52.6 79.0

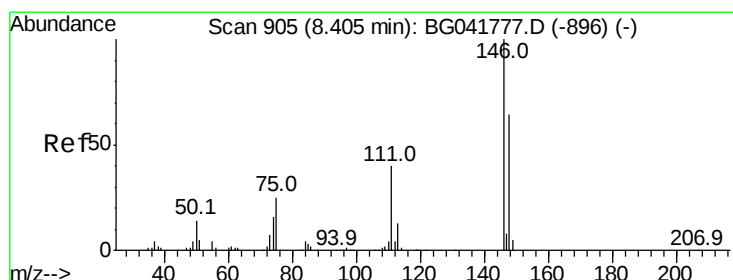
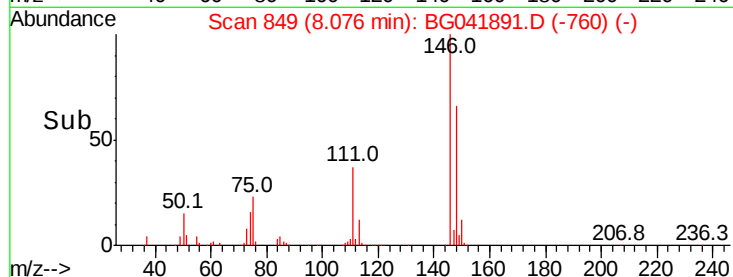
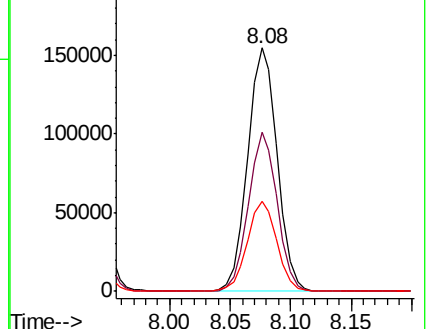
111 37.1 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.415 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

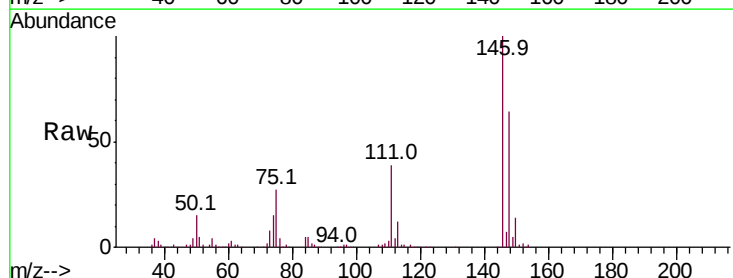
Tgt Ion:146 Resp: 251801

Ion Ratio Lower Upper

146 100

148 64.2 53.5 80.3

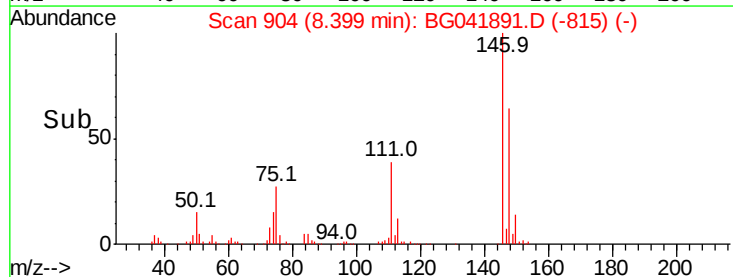
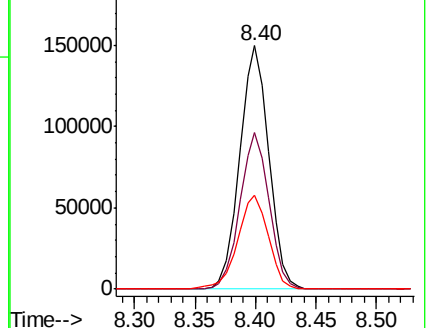
111 38.6 35.4 53.0

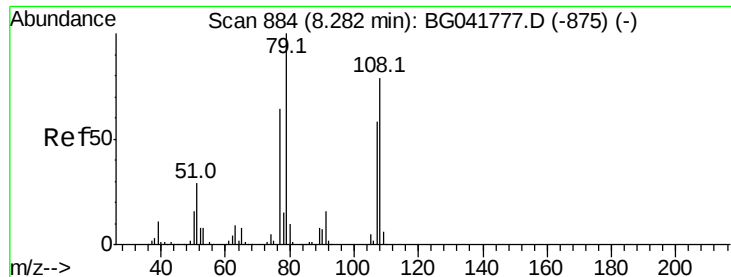


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.499 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSD

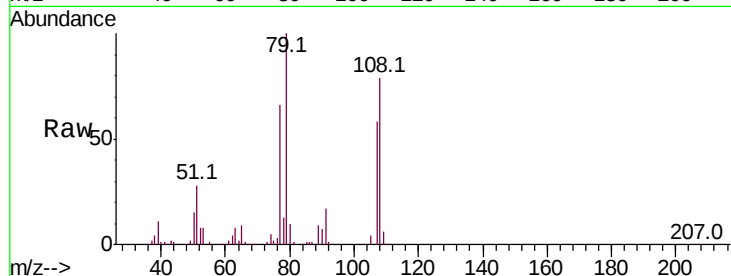
Tot Ion: 79 Resp: 207590

Ion Ratio Lower Upper

79 100

108 79.4 60.5 90.7

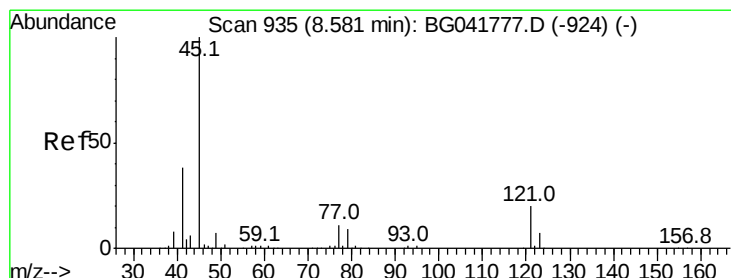
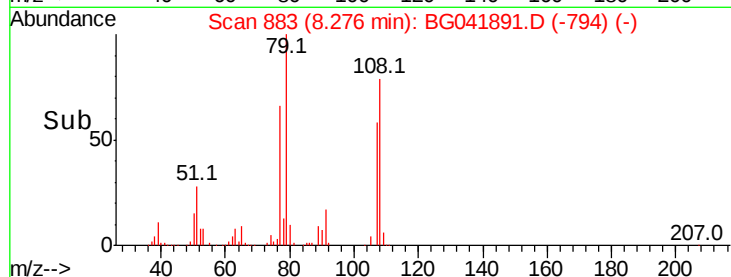
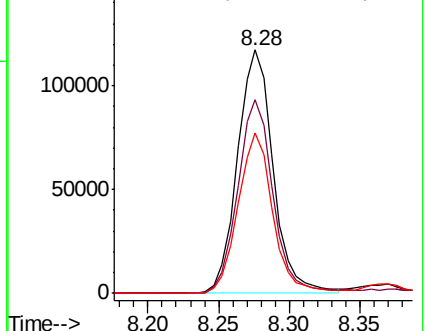
77 66.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.731 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

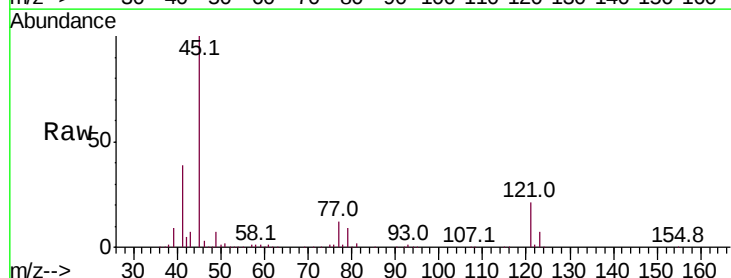
Tgt Ion: 45 Resp: 336023

Ion Ratio Lower Upper

45 100

77 12.3 0.0 30.4

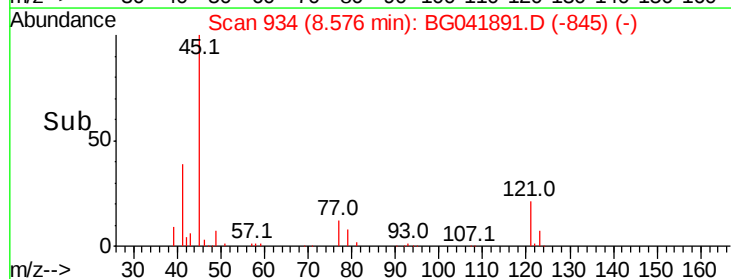
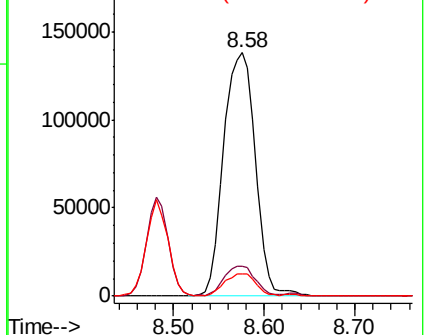
79 8.9 0.0 27.9

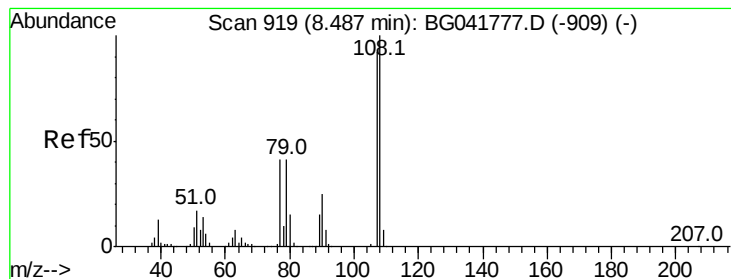


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.005 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSPD

Tot Ion:107 Resp: 206888

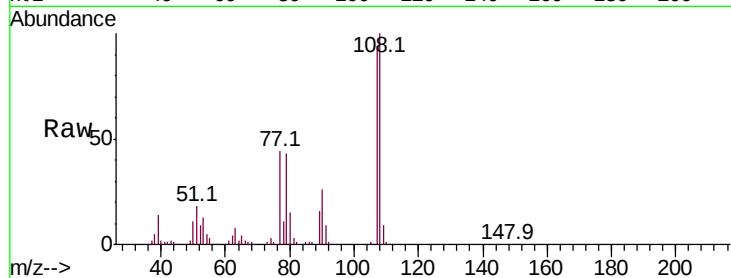
Ion Ratio Lower Upper

107 100

108 106.2 87.6 131.4

77 46.4 36.1 54.1

79 45.5 36.4 54.6

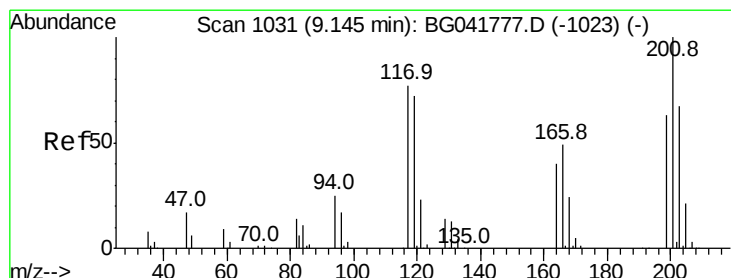
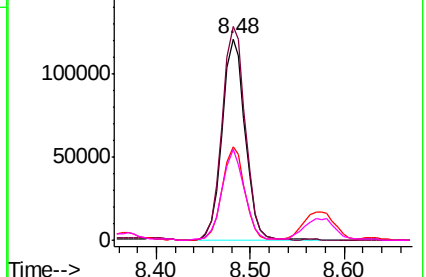
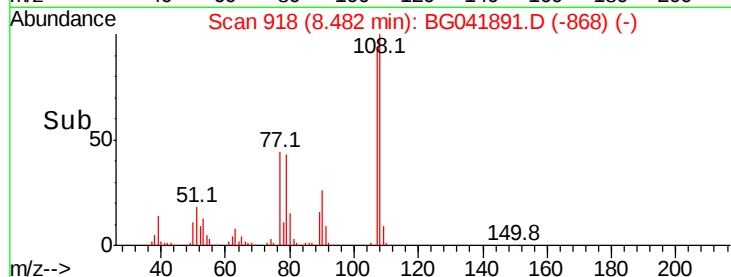


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.656 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

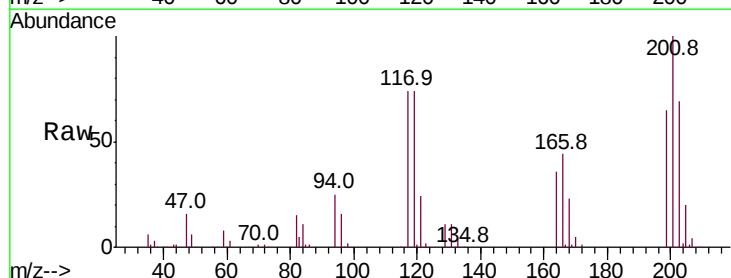
Tgt Ion:117 Resp: 90948

Ion Ratio Lower Upper

117 100

119 99.6 76.2 114.2

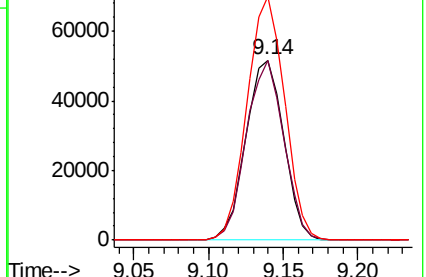
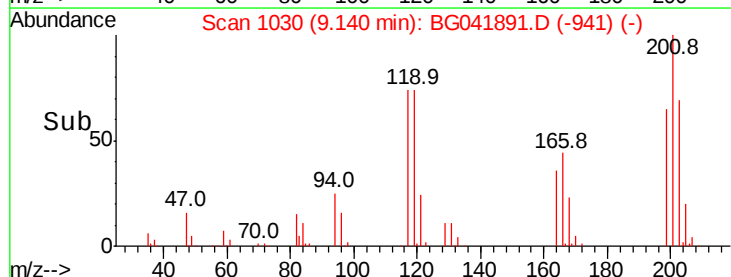
201 135.3 94.1 141.1

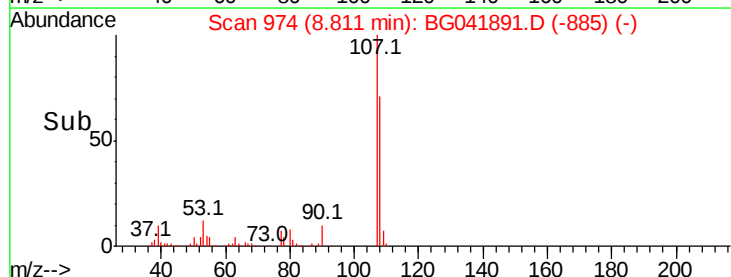
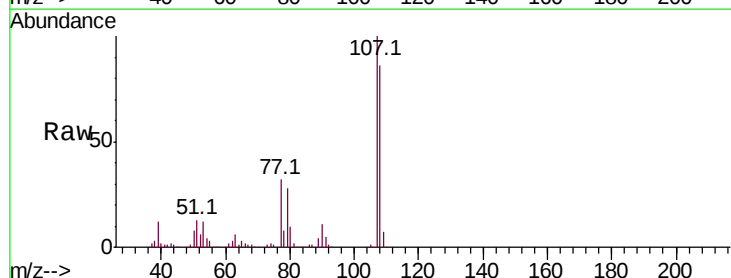
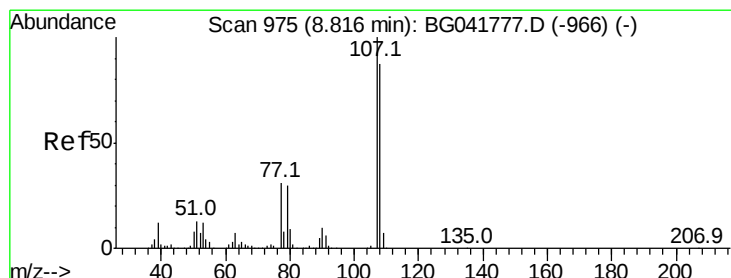
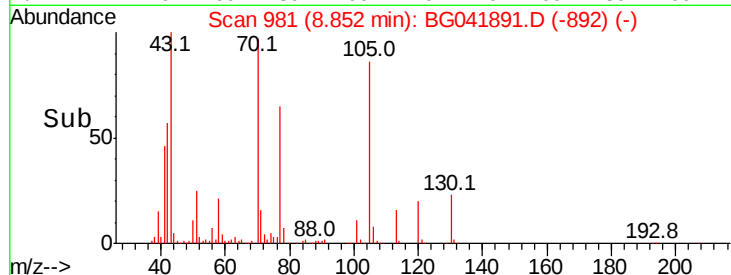
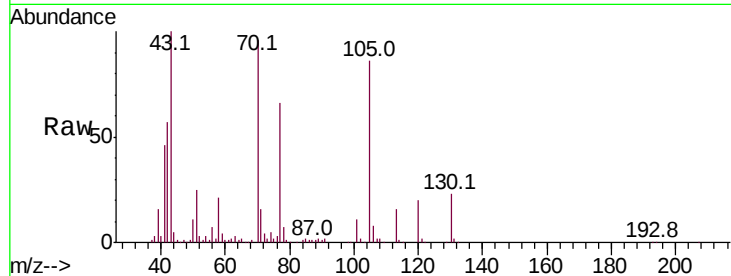
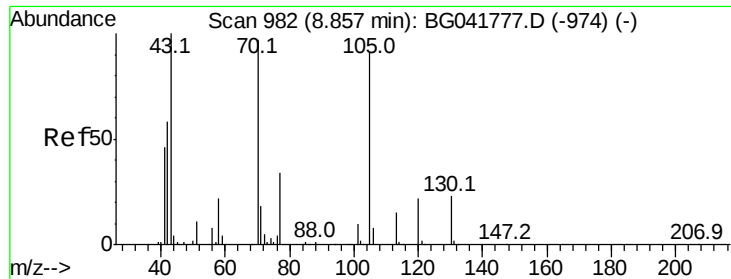


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

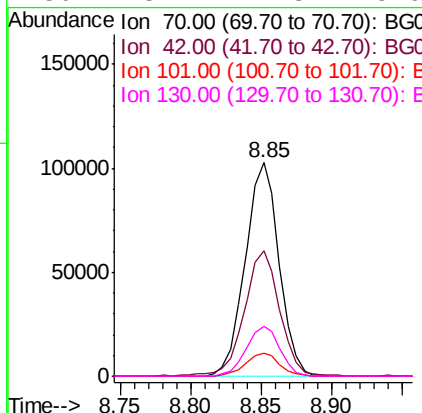




#19
n-Nitroso-di-n-propylamine
Concen: 37.303 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

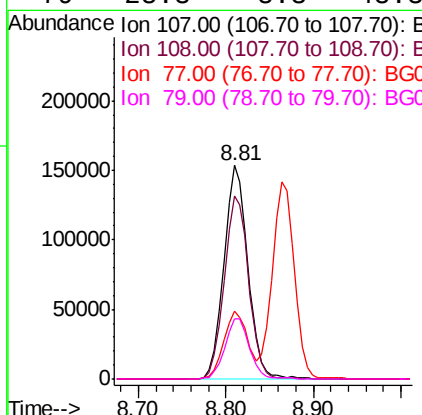
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSD

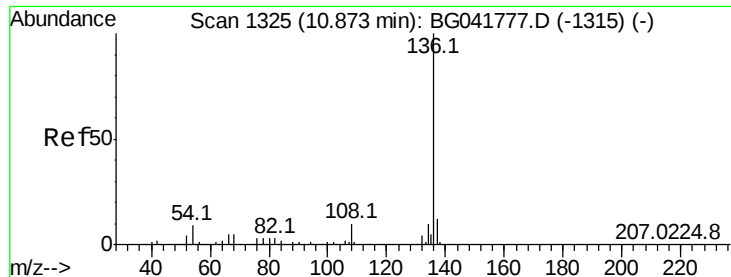
Tot Ion: 70 Resp: 172198
Ion Ratio Lower Upper
70 100
42 59.0 55.8 83.6
101 11.0 8.1 12.1
130 23.4 17.3 25.9



#20
3+4-Methylphenols
Concen: 43.690 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion:107 Resp: 287621
Ion Ratio Lower Upper
107 100
108 86.0 67.5 107.5
77 32.0 12.3 52.3
79 28.3 8.3 48.3

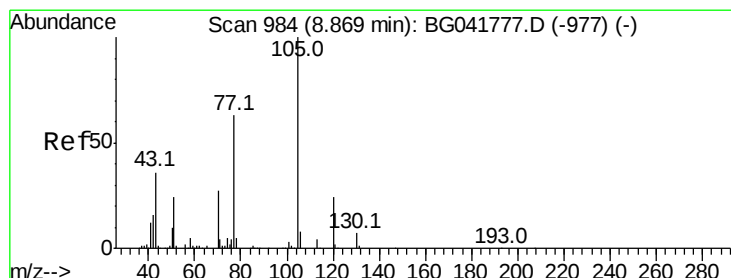
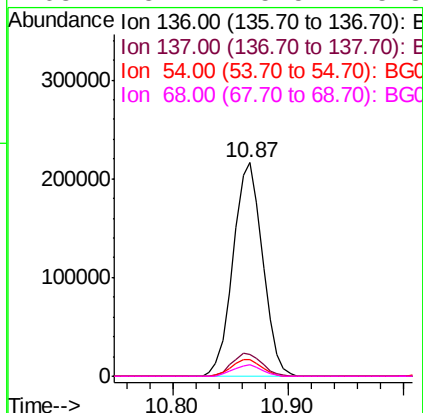
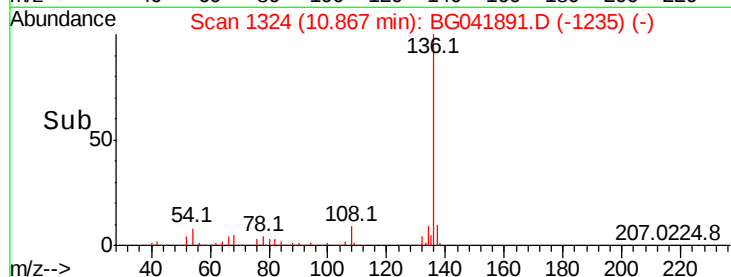
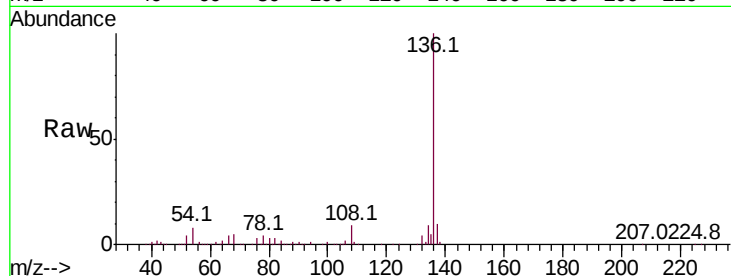




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

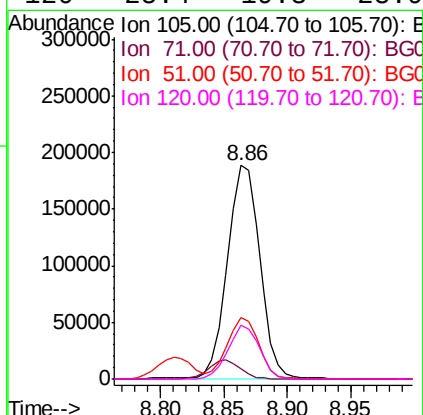
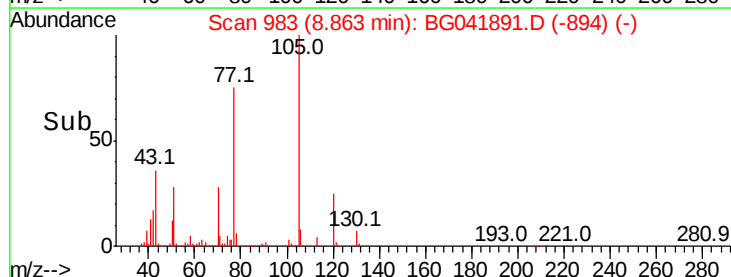
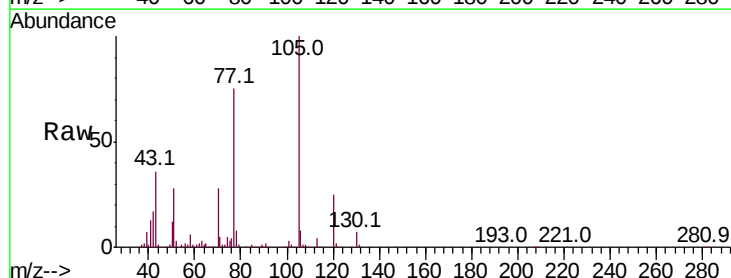
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSD

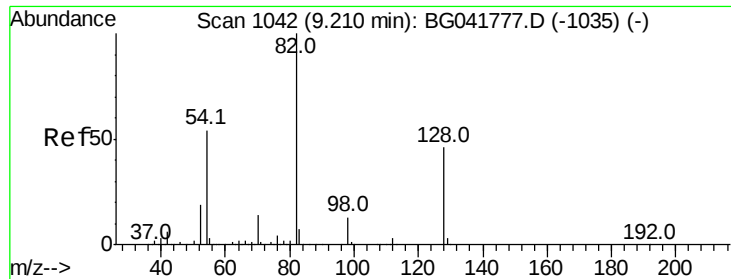
Tot Ion:136	Resp:	382193
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.2 13.8
54	8.0	8.7 13.1#
68	5.4	5.5 8.3#



#22
Acetophenone
Concen: 38.971 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion:105	Resp:	333154
Ion Ratio	Lower	Upper
105	100	
71	5.1	5.9 8.9#
51	28.5	27.7 41.5
120	25.4	19.3 28.9

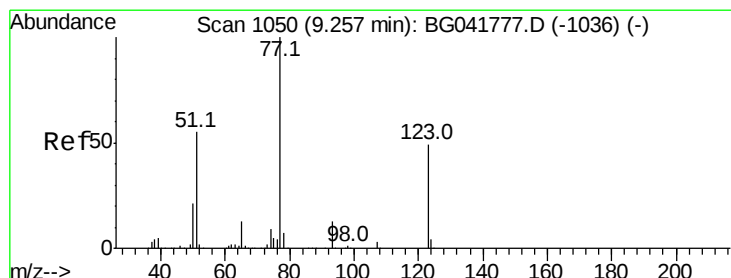
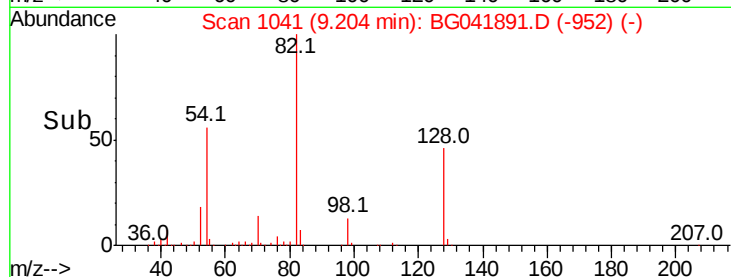
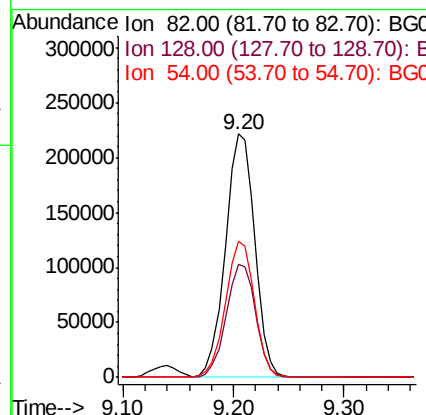
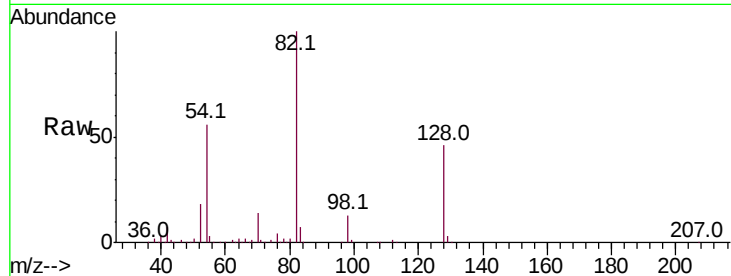




#23
 Nitrobenzene-d5
 Concen: 73.968 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

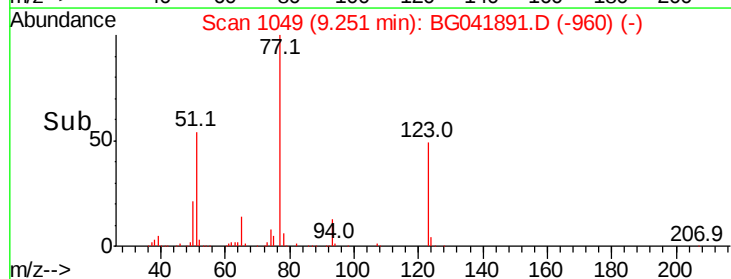
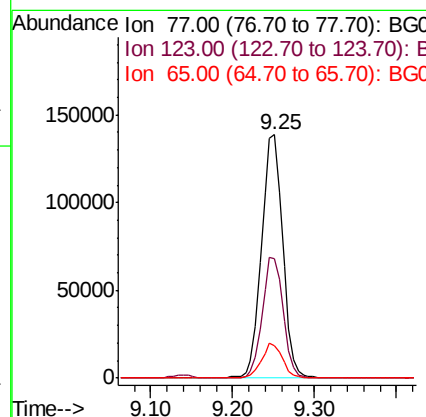
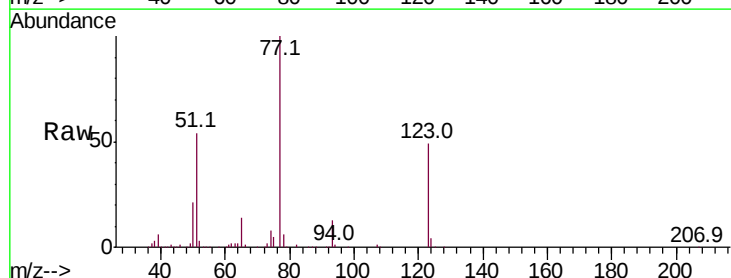
Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMASD

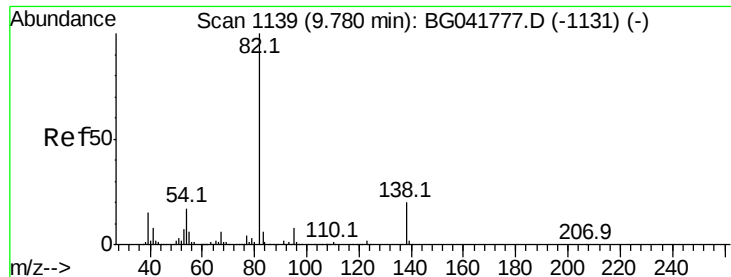
Tot Ion	82	Resp	410805
Ion Ratio	Lower	Upper	
82	100		
128	46.5	35.1	52.7
54	55.7	48.7	73.1



#24
 Nitrobenzene
 Concen: 42.914 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Tgt Ion	77	Resp	251091
Ion Ratio	Lower	Upper	
77	100		
123	49.0	38.1	57.1
65	13.5	11.0	16.6





#25

Isophorone

Concen: 39.737 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSPD

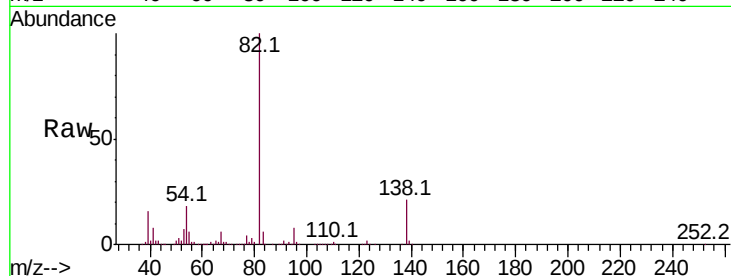
Tot Ion: 82 Resp: 480082

Ion Ratio Lower Upper

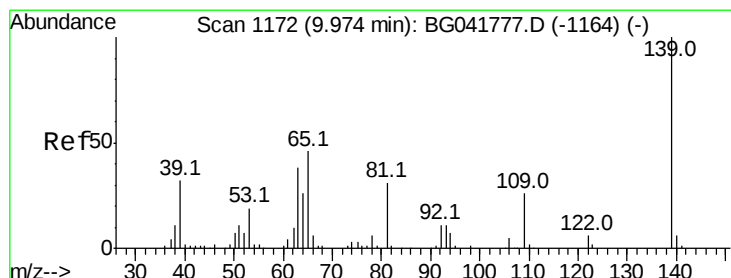
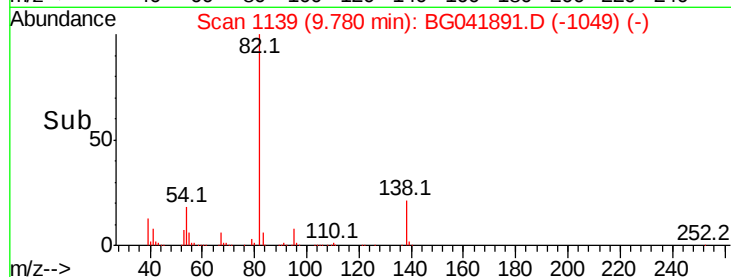
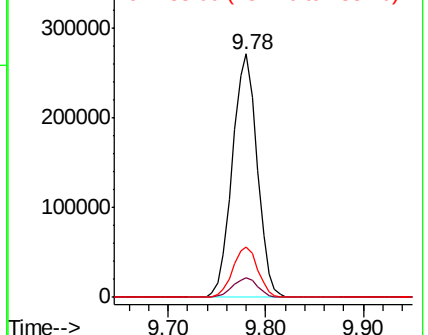
82 100

95 7.8 5.9 8.9

138 20.7 16.3 24.5



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: 59.214 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

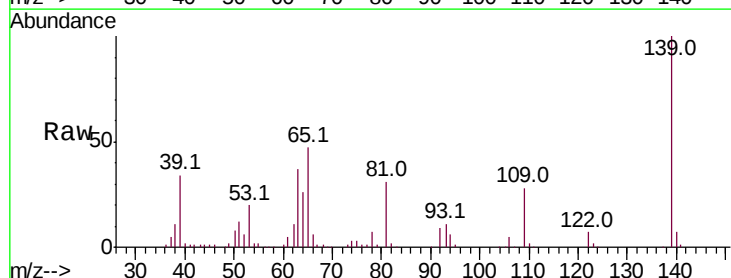
Tgt Ion:139 Resp: 160797

Ion Ratio Lower Upper

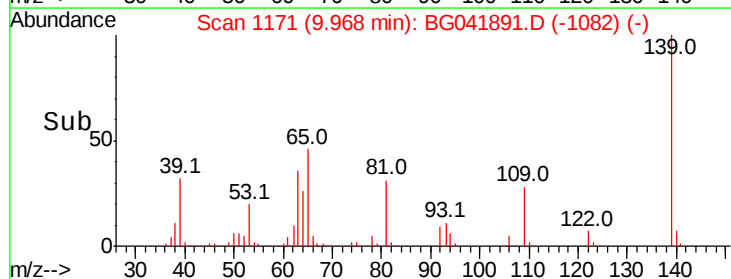
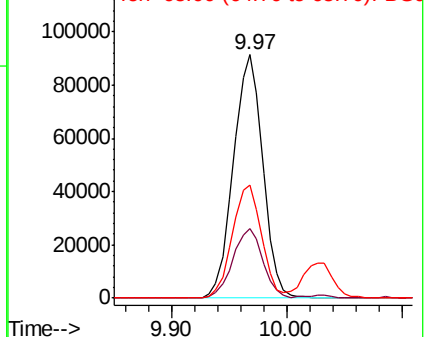
139 100

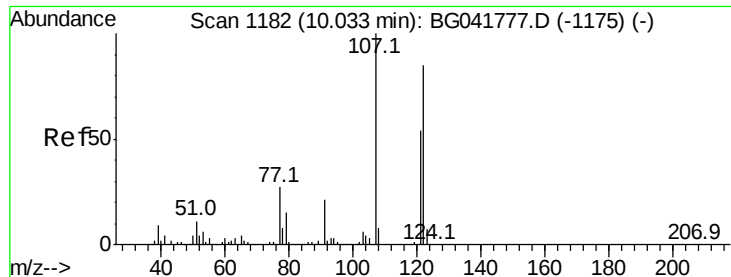
109 28.5 22.7 34.1

65 46.6 41.1 61.7



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

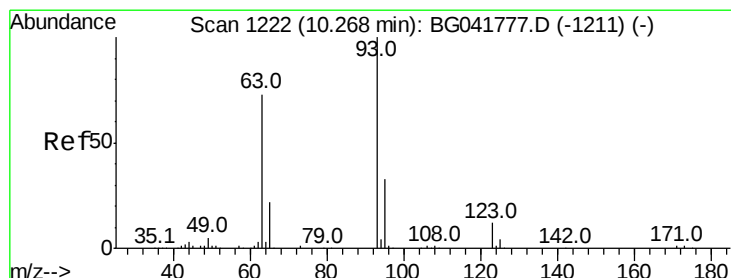
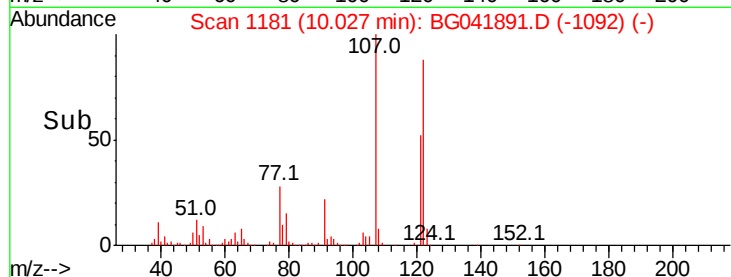
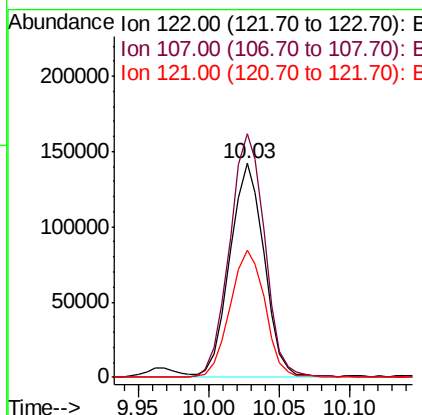
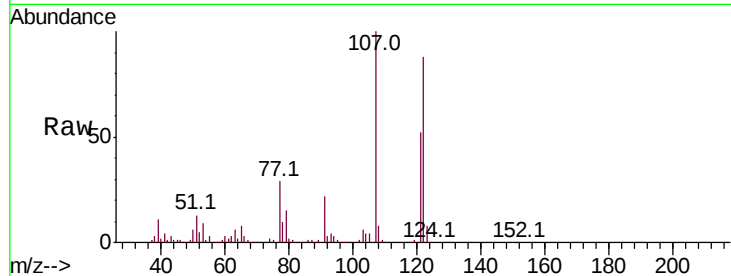




#27
2,4-Dimethylphenol
Concen: 49.943 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

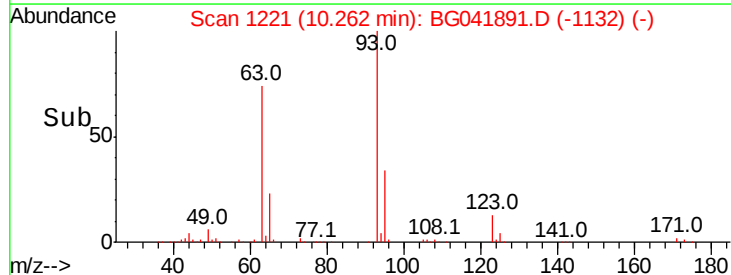
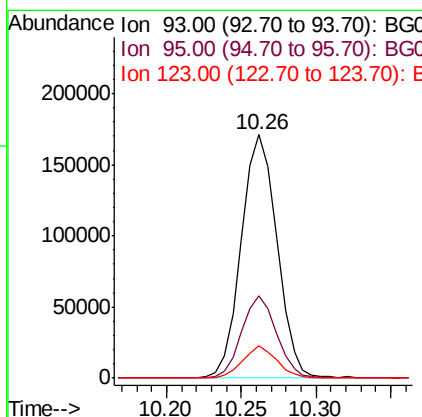
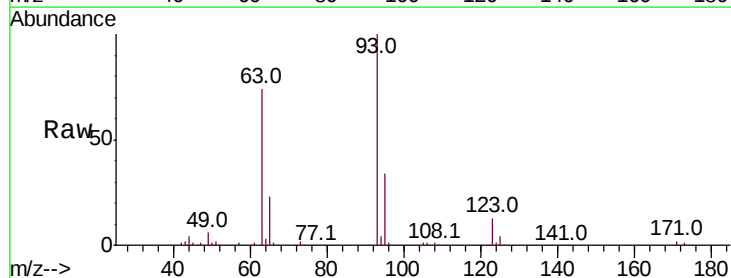
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSSD

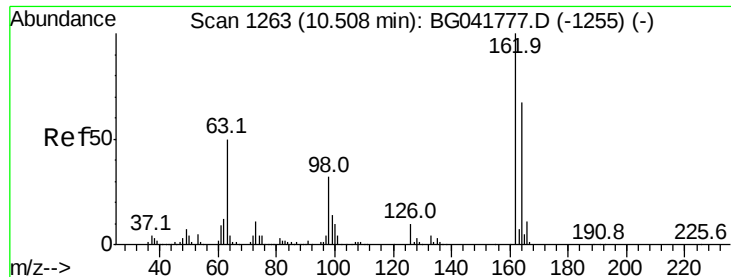
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.3	136.9
121	59.4	49.2	73.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.591 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.2	39.4
123	13.1	9.9	14.9

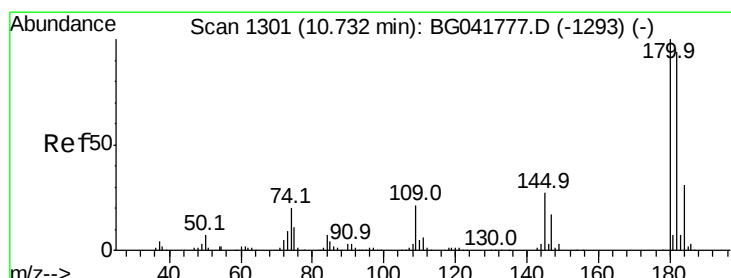
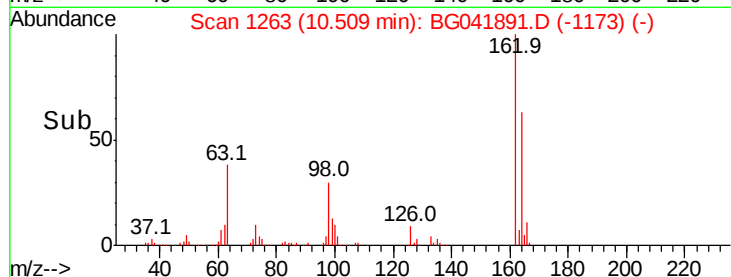
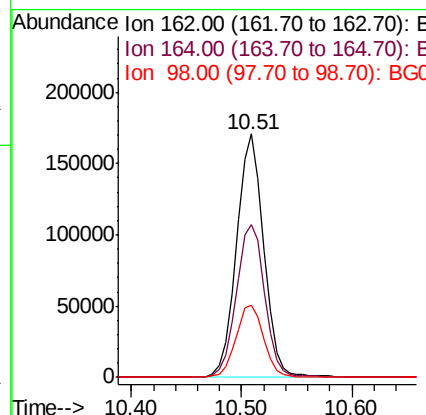
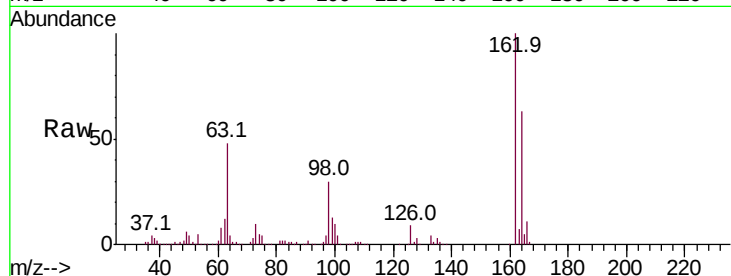




#29
 2,4-Dichlorophenol
 Concen: 50.819 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

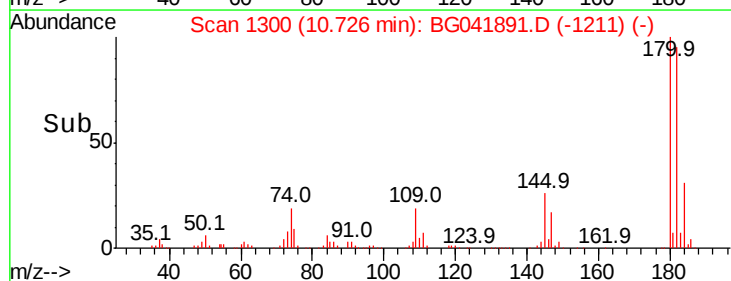
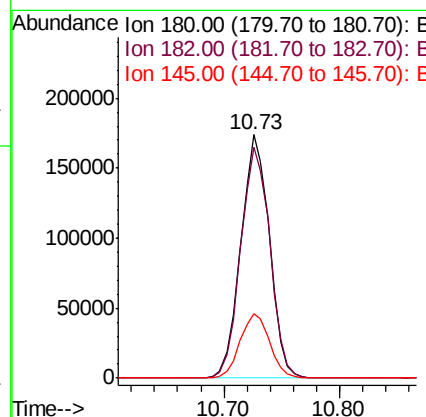
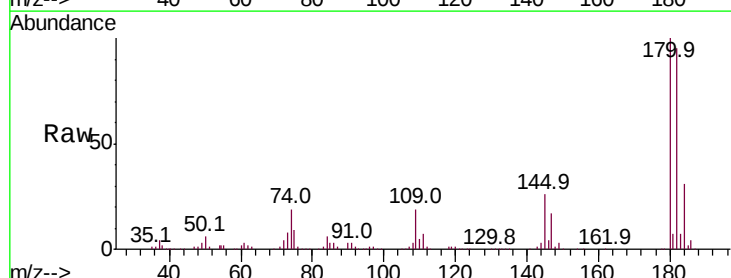
Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMASD

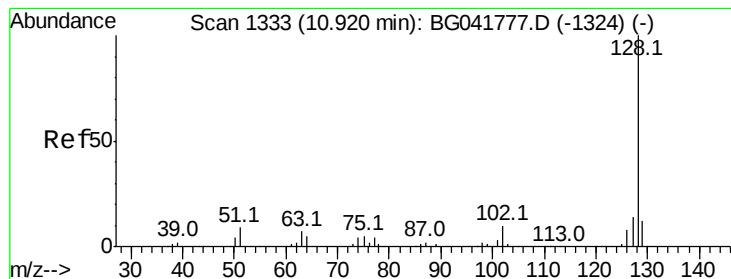
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.1	86.1
98	29.6	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.342 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	26.3	23.8	35.8





#31

Naphthalene

Concen: 41.280 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

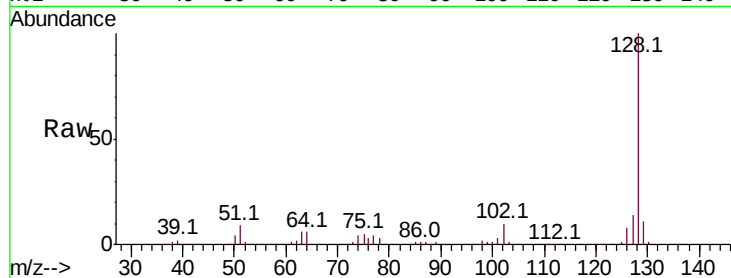
Tot Ion:128 Resp: 722069

Ion Ratio Lower Upper

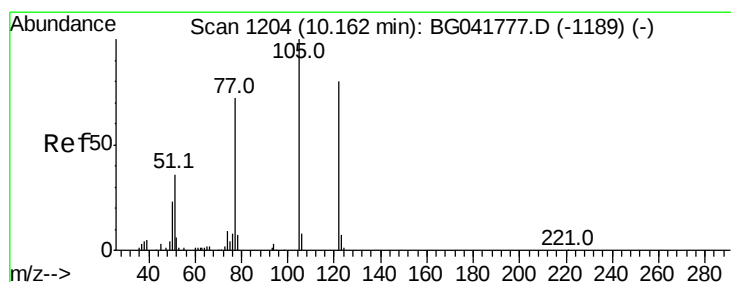
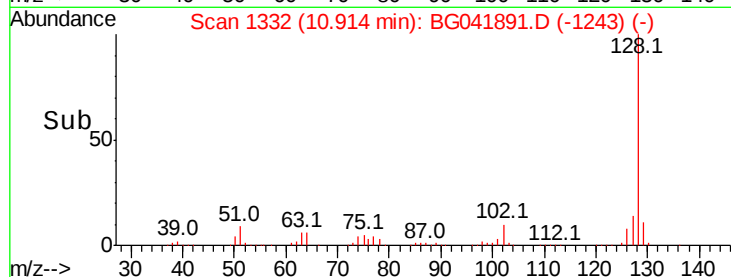
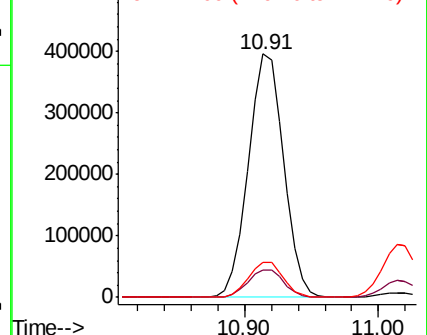
128 100

129 11.5 10.0 15.0

127 14.2 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.408 ng m

RT: 10.20 min Scan# 1211

Delta R.T. 0.04 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

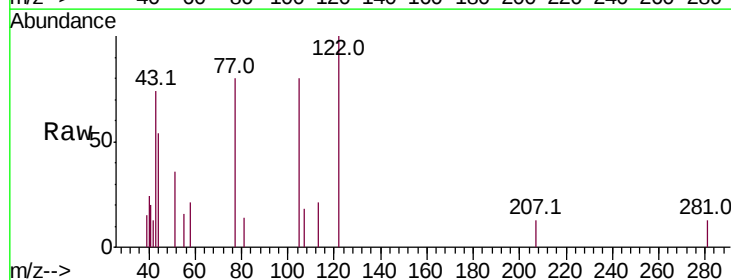
Tgt Ion:122 Resp: 7027

Ion Ratio Lower Upper

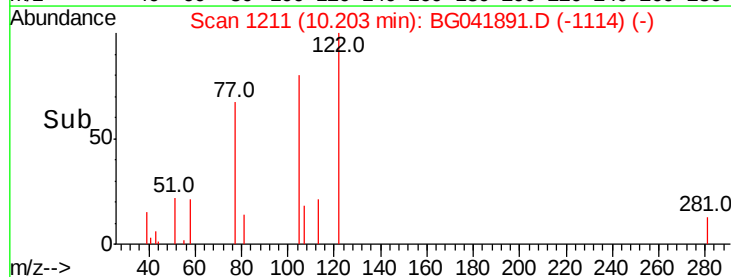
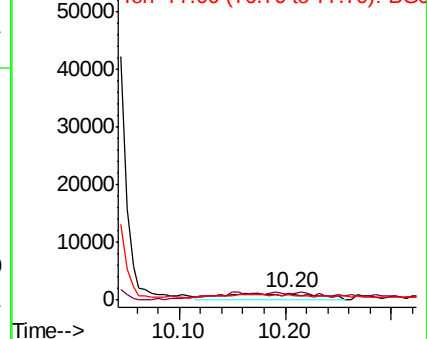
122 100

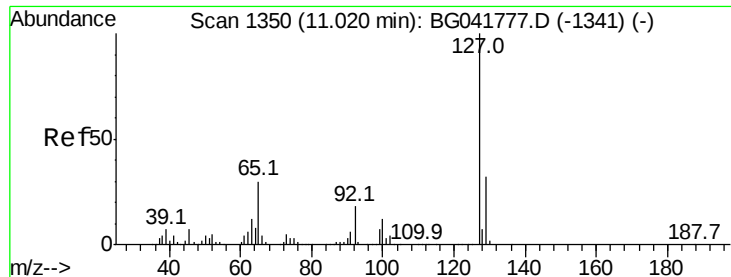
105 80.4 101.5 141.5#

77 80.3 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

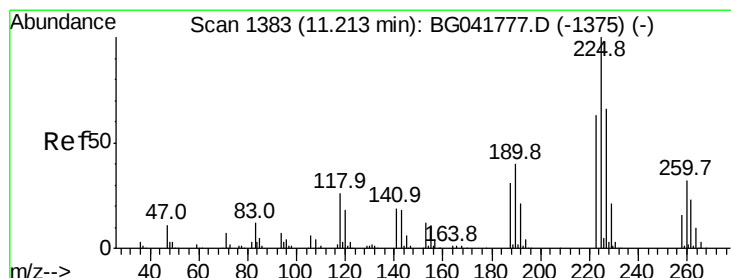
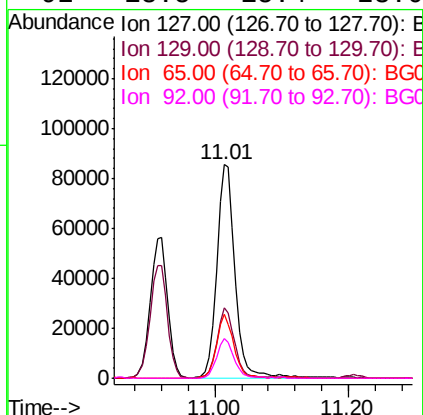
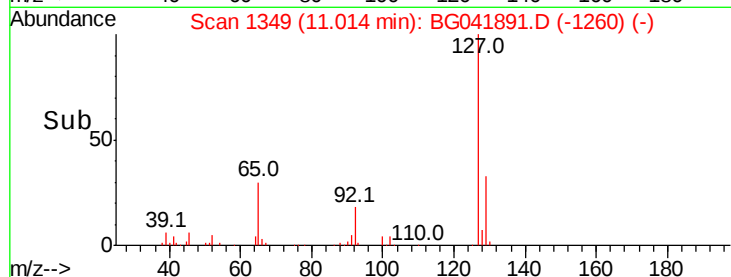
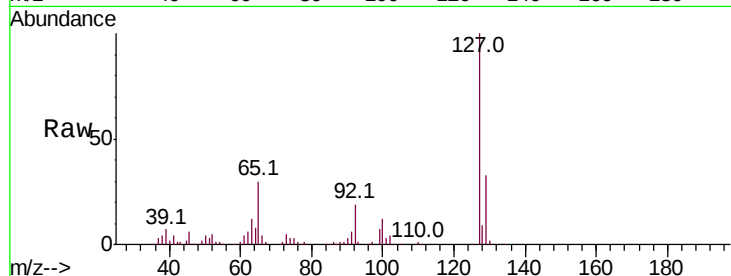




#33
4-Chloroaniline
Concen: 19.712 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

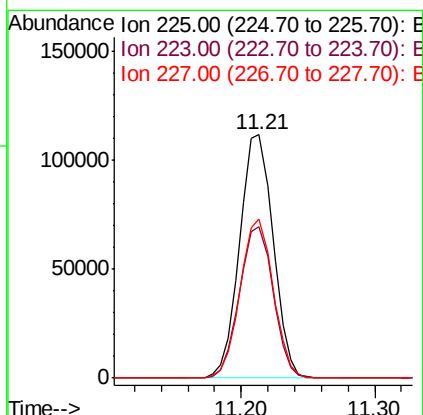
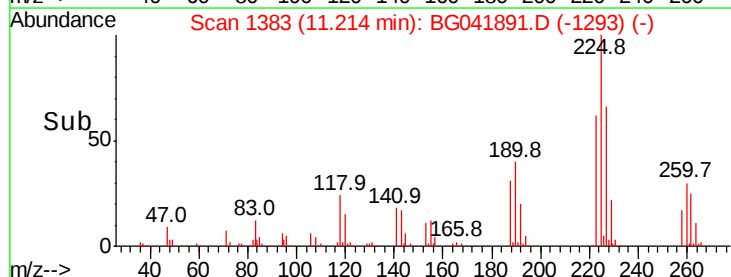
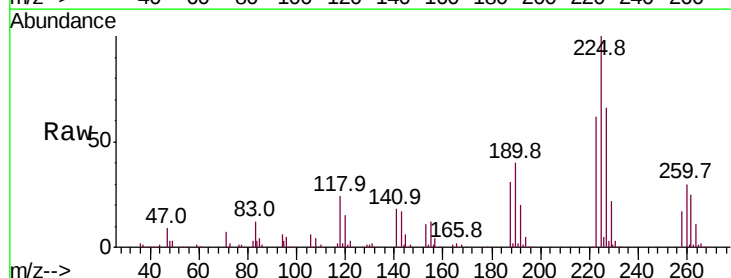
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSD

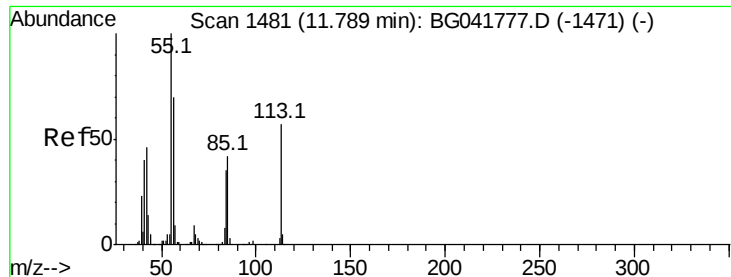
Tot Ion:127 Resp: 163513
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8
65 30.0 26.7 40.1
92 18.5 15.4 23.0



#34
Hexachlorobutadiene
Concen: 38.814 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion:225 Resp: 193883
Ion Ratio Lower Upper
225 100
223 62.2 51.1 76.7
227 65.5 50.9 76.3





#35

Caprolactam

Concen: 51.807 ng/mL

RT: 11.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMASD

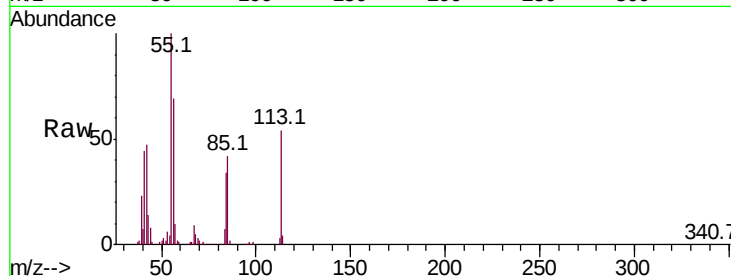
Tot Ion:113 Resp: 105082

Ion Ratio Lower Upper

113 100

55 184.2 199.4 239.4#

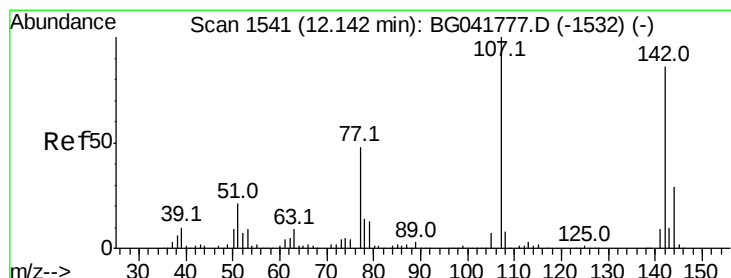
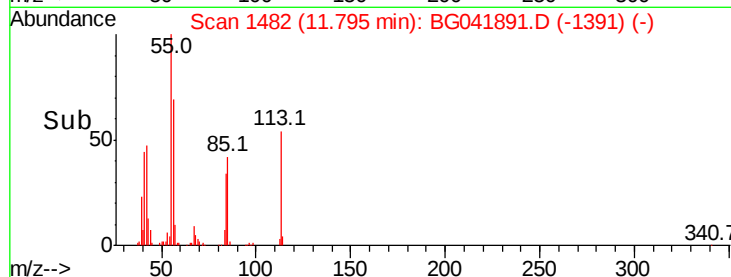
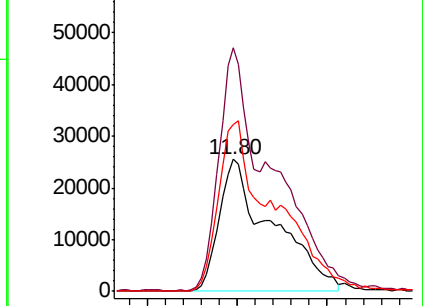
56 126.3 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.750 ng/mL

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

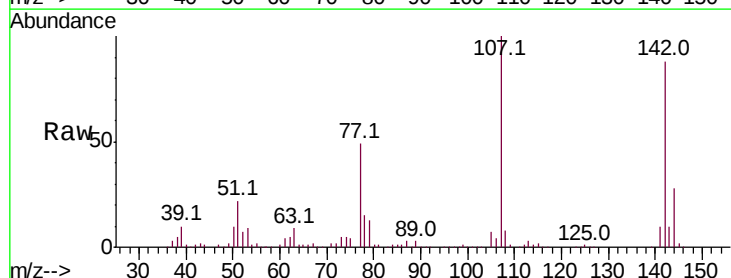
Tgt Ion:107 Resp: 293659

Ion Ratio Lower Upper

107 100

144 28.4 22.2 33.2

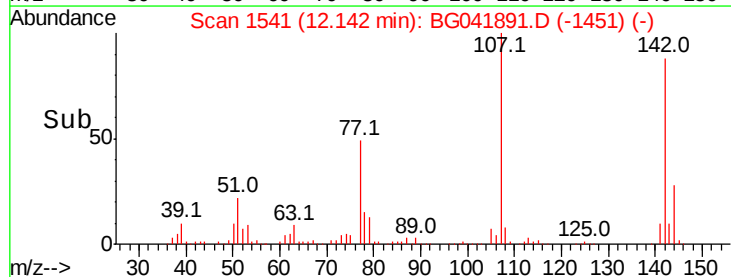
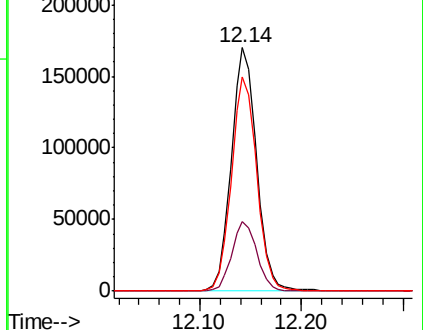
142 87.8 67.3 100.9

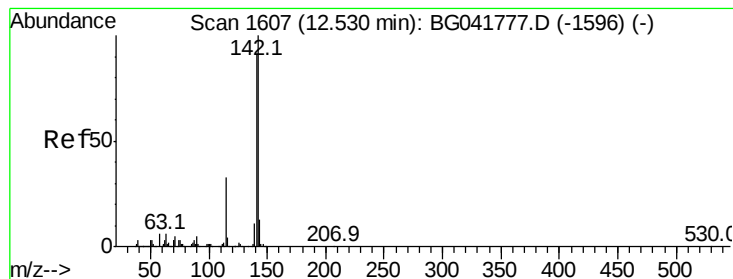


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.815 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

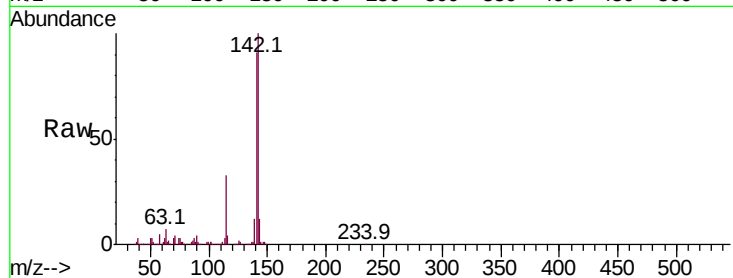
Tot Ion:142 Resp: 592800

Ion Ratio Lower Upper

142 100

141 90.5 72.7 109.1

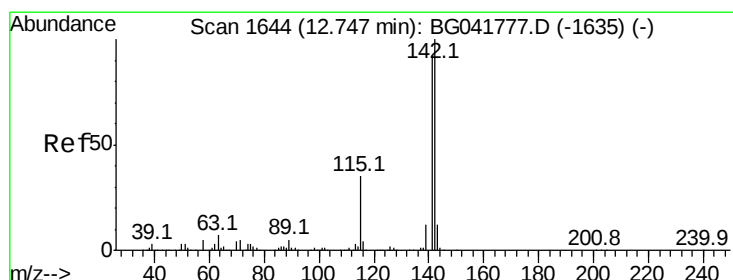
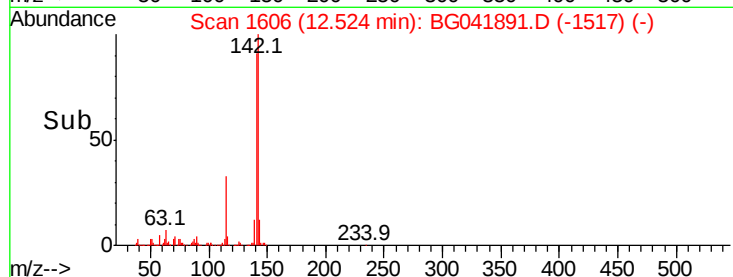
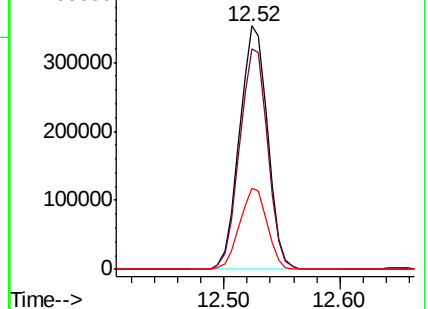
115 33.4 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.632 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

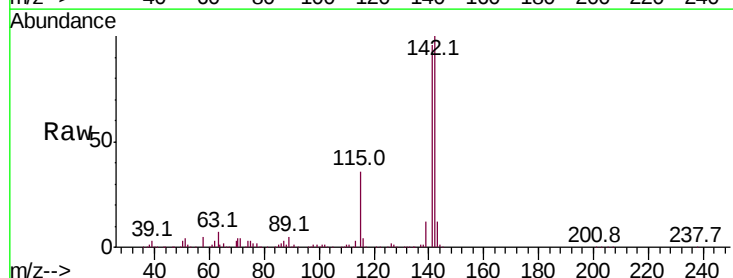
Tgt Ion:142 Resp: 559377

Ion Ratio Lower Upper

142 100

141 95.5 75.4 113.2

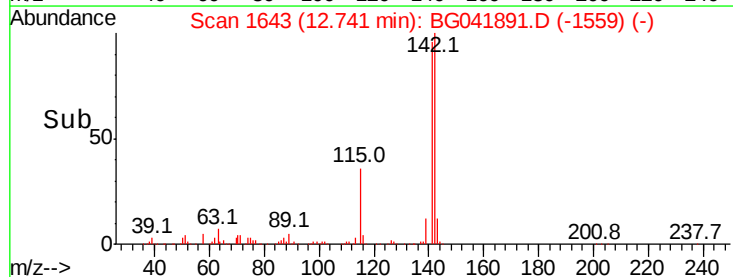
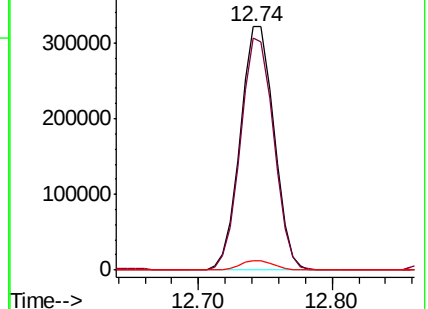
116 3.6 3.2 4.8

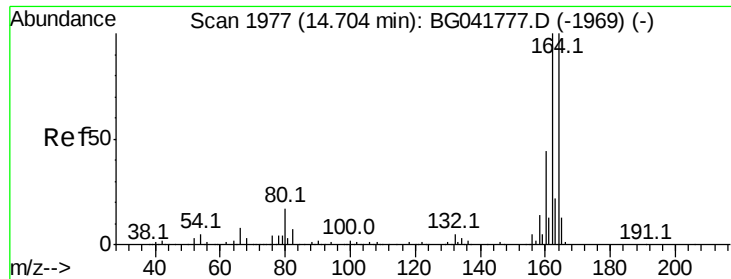


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSSD

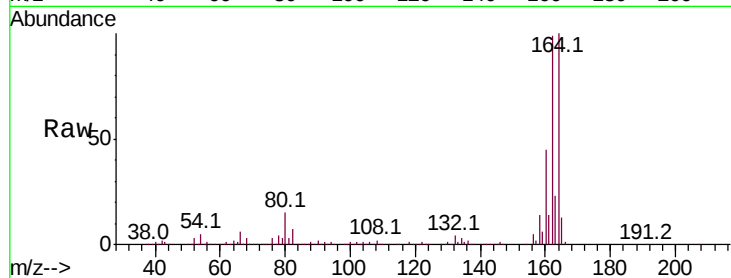
Tot Ion:164 Resp: 293946

Ion Ratio Lower Upper

164 100

162 98.7 79.6 119.4

160 45.4 35.4 53.0

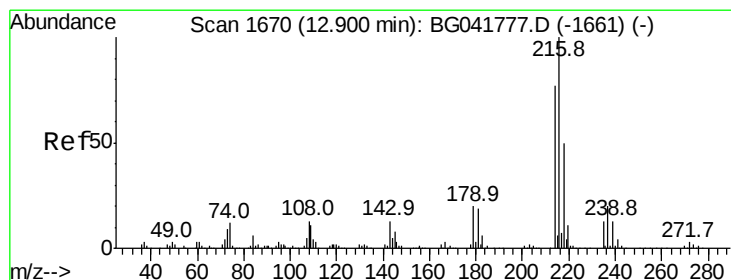
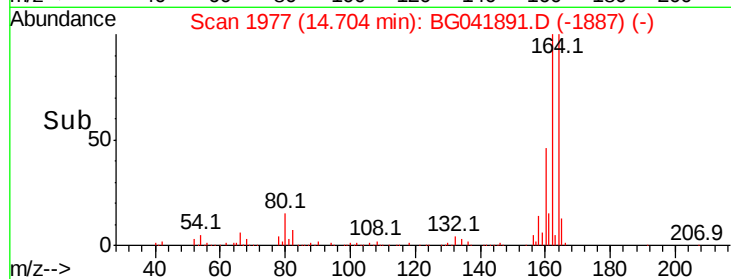
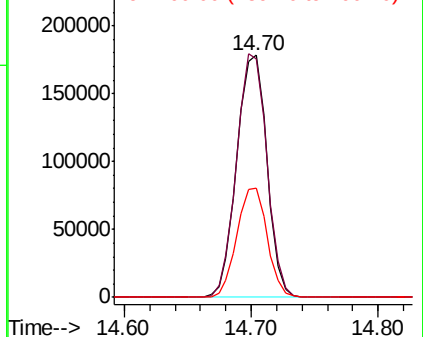


Abundance

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: 41.516 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Tgt Ion:216 Resp: 386289

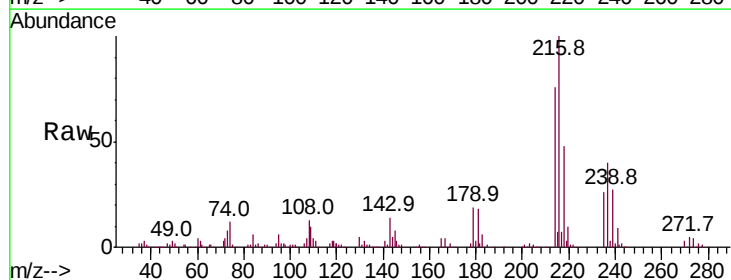
Ion Ratio Lower Upper

216 100

214 76.1 61.5 92.3

179 18.8 16.2 24.2

108 14.3 13.2 19.8



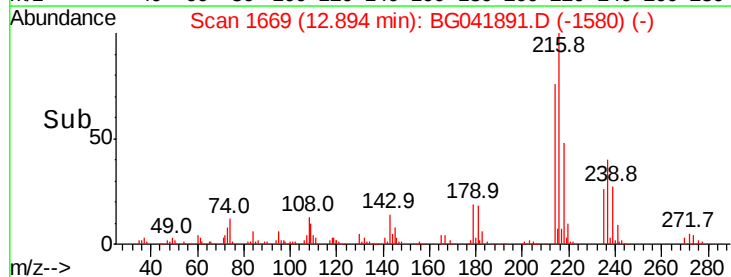
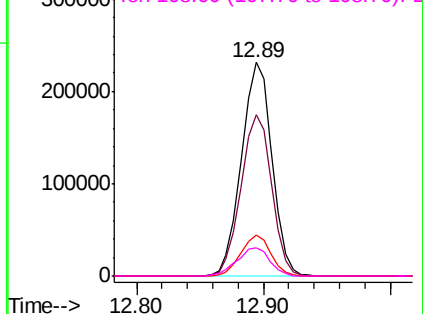
Abundance

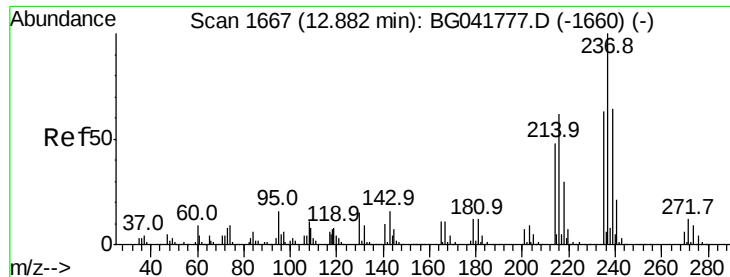
Ion 216.00 (215.70 to 216.70): E

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: 71.797 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSD

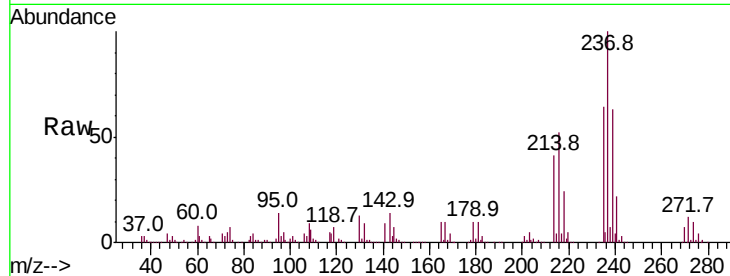
Tot Ion:237 Resp: 375594

Ion Ratio Lower Upper

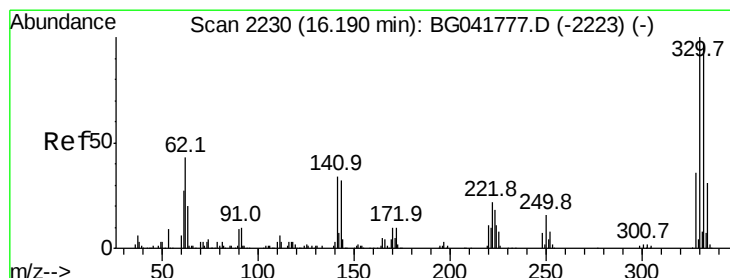
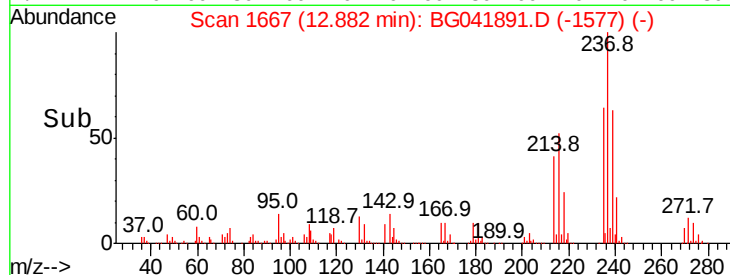
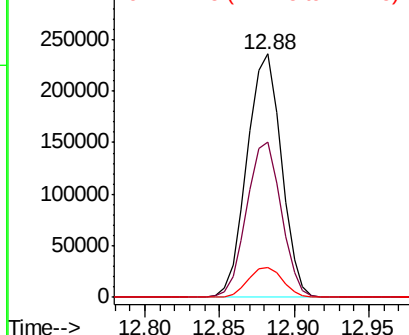
237 100

235 63.7 43.5 83.5

272 12.2 0.0 31.2



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: 125.580 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

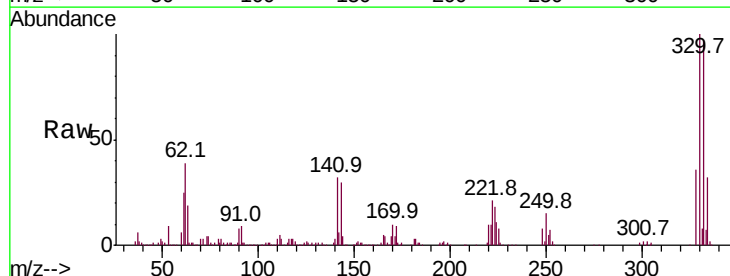
Tgt Ion:330 Resp: 419289

Ion Ratio Lower Upper

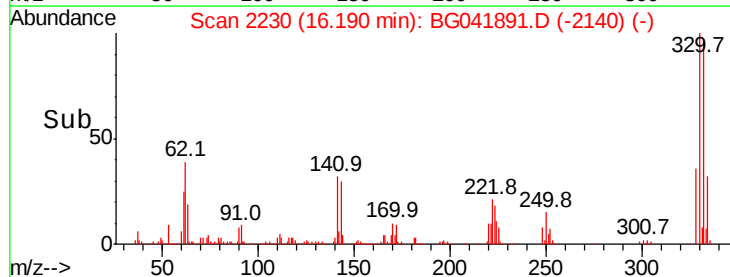
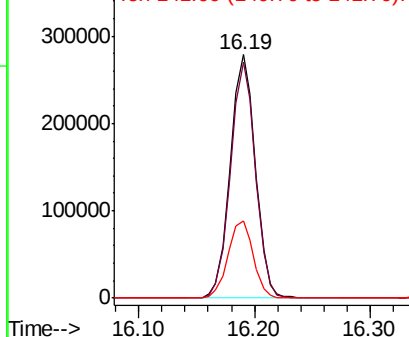
330 100

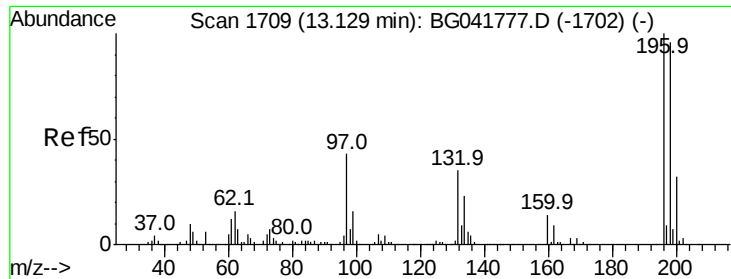
332 96.2 77.4 116.0

141 31.9 31.9 47.9#



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

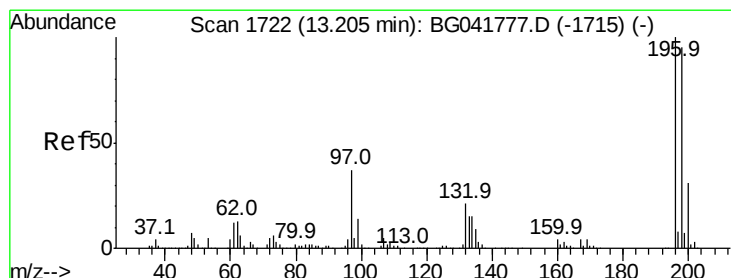
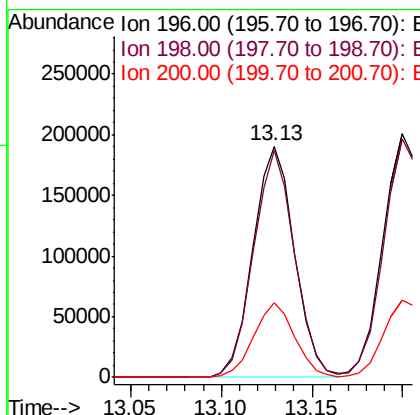
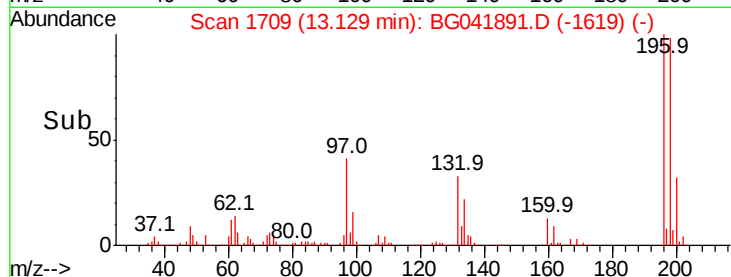
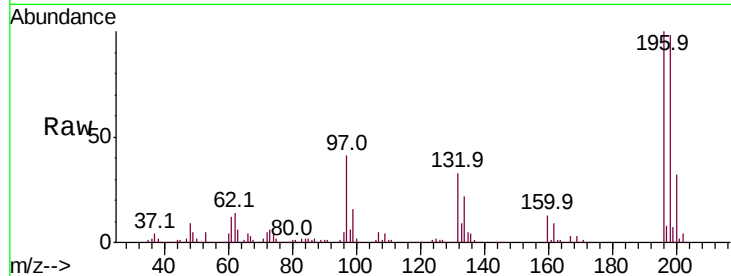




#43
 2,4,6-Trichlorophenol
 Concen: 51.771 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

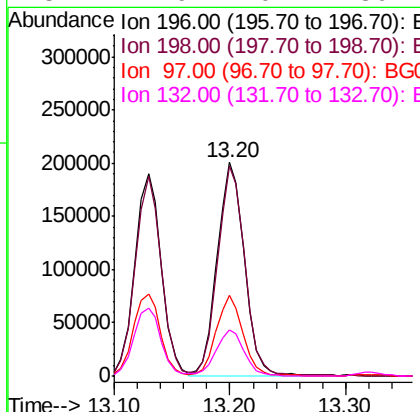
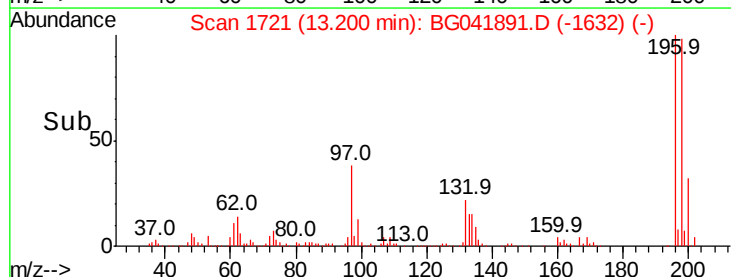
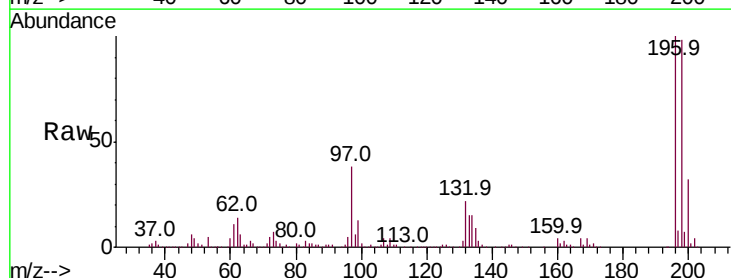
Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMSSD

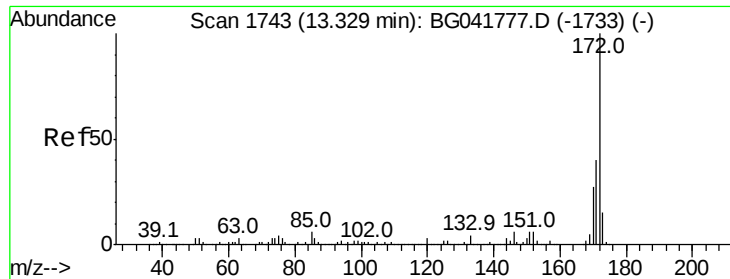
Tot Ion	196	Resp	304458
Ion Ratio	100	Lower	Upper
196	100		
198	98.5	79.6	119.4
200	32.1	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 53.103 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Tgt Ion	196	Resp	324532
Ion Ratio	100	Lower	Upper
196	100		
198	98.0	80.6	121.0
97	37.9	33.9	50.9
132	21.9	20.2	30.2



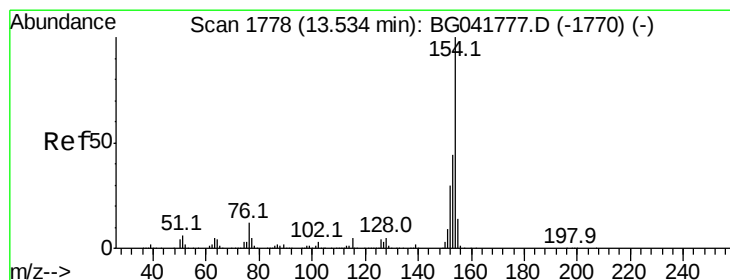
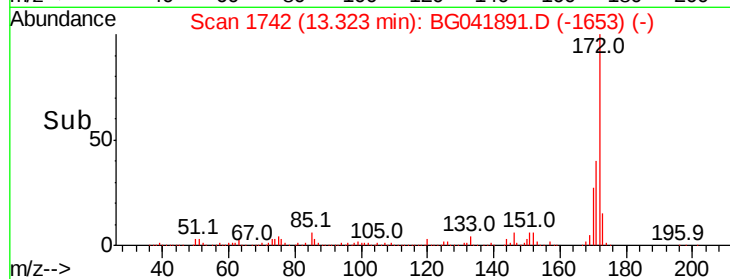
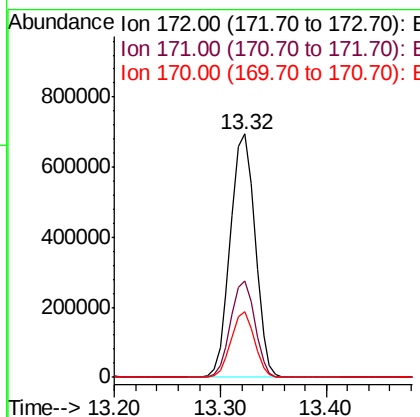
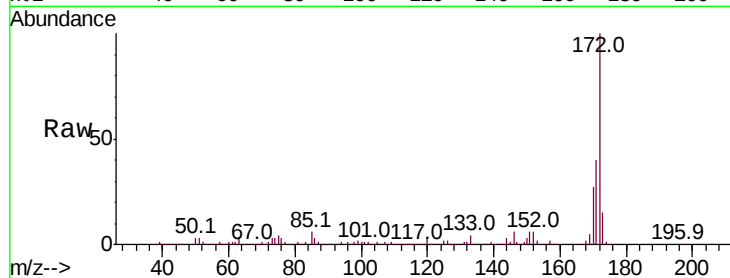


#45
 2-Fluorobiphenyl
 Concen: 67.589 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMASD

Tot Ion:172 Resp: 1126456

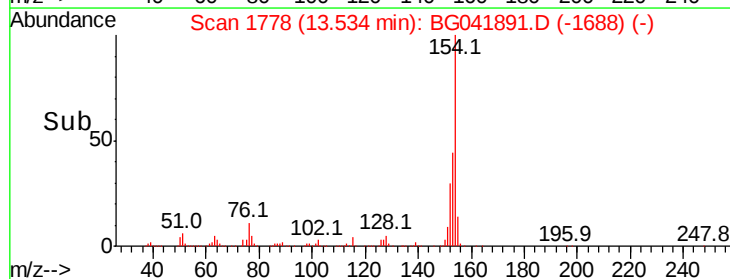
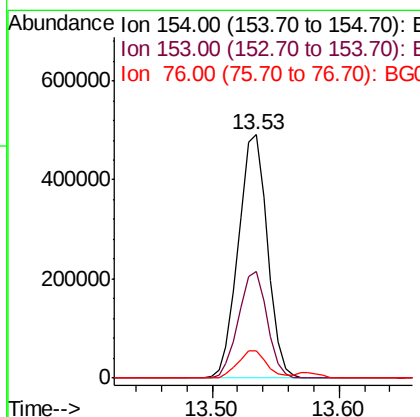
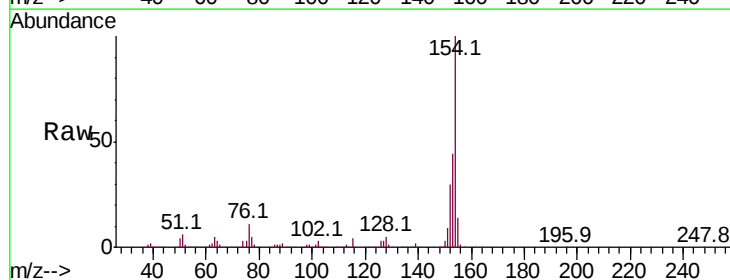
Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.8	23.5	35.3

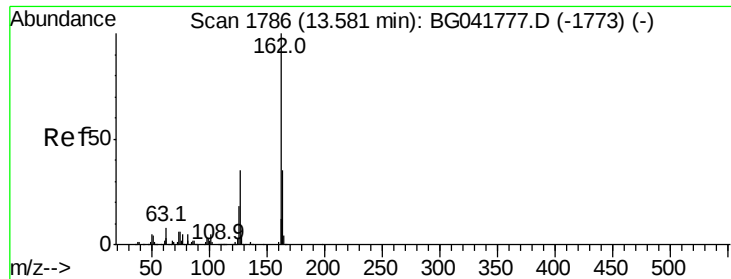


#46
 1,1'-Biphenyl
 Concen: 41.277 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Tgt Ion:154 Resp: 779962

Ion	Ratio	Lower	Upper
154	100		
153	43.6	25.0	65.0
76	11.4	0.0	34.5

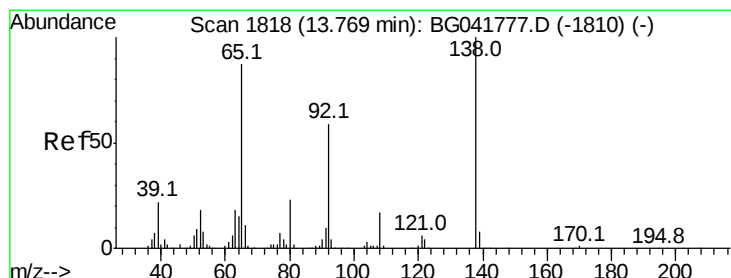
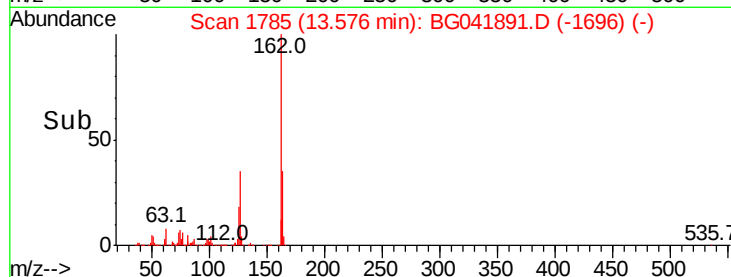
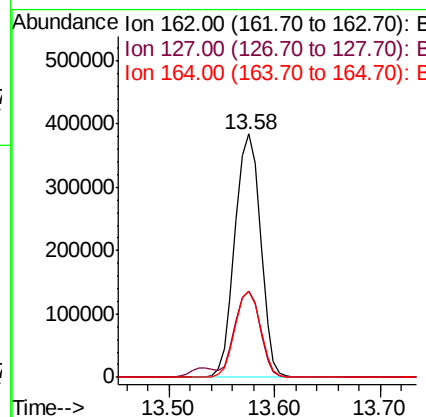
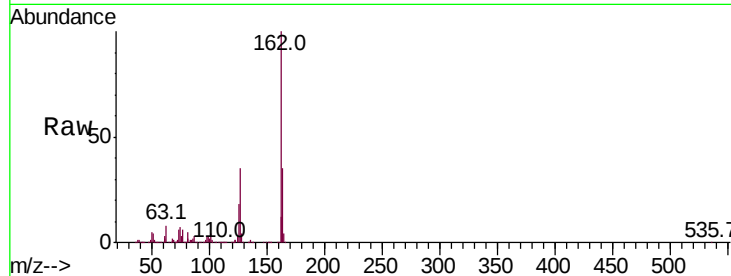




#47
2-Chloronaphthalene
Concen: 40.069 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

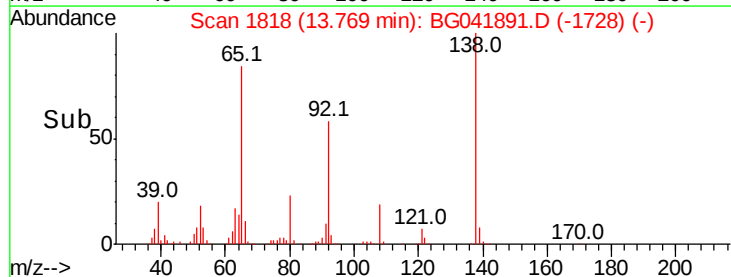
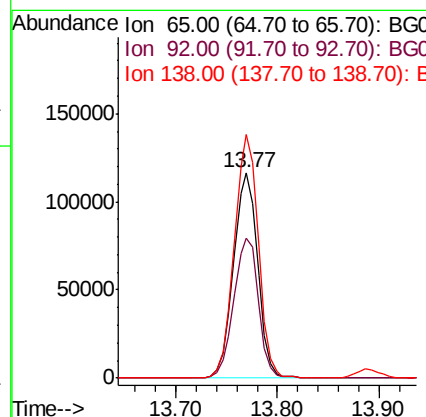
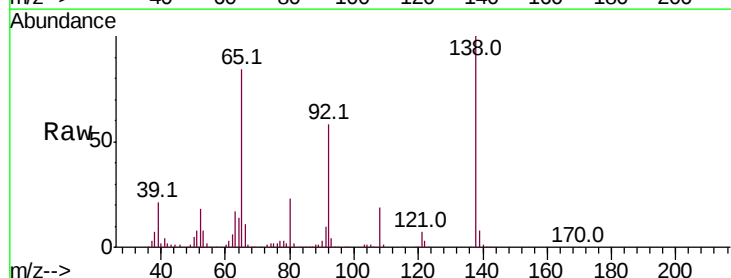
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSP

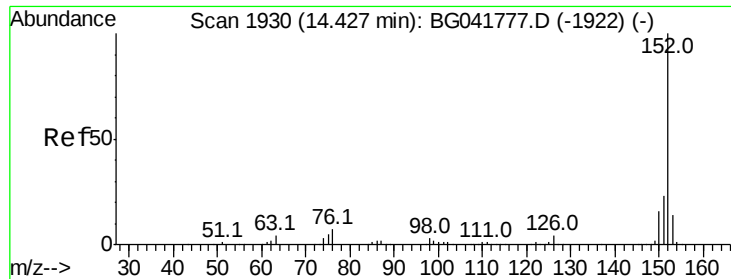
Tot Ion:162 Resp: 644616
Ion Ratio Lower Upper
162 100
127 35.5 30.4 45.6
164 35.4 28.6 42.8



#48
2-Nitroaniline
Concen: 47.086 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion: 65 Resp: 192118
Ion Ratio Lower Upper
65 100
92 68.3 53.9 80.9
138 118.6 83.5 125.3





#49

Acenaphthylene

Concen: 42.874 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

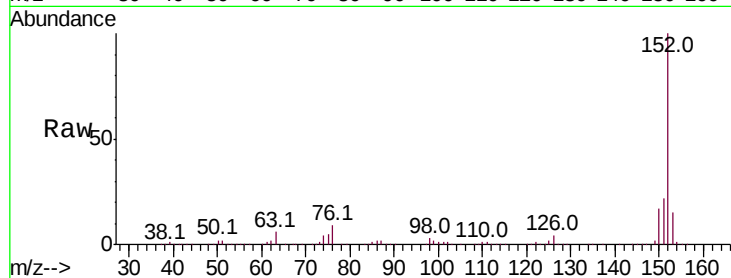
BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

Tot Ion:152 Resp: 1031745

Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.7	28.1
153	14.8	12.4	18.6

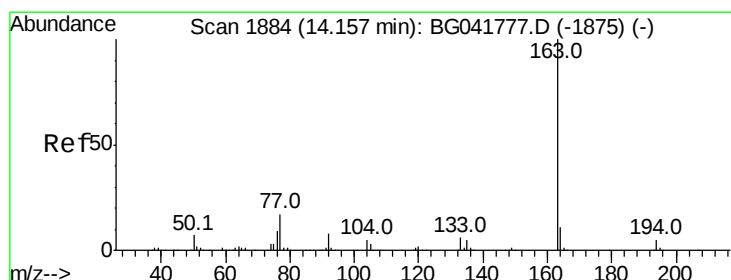
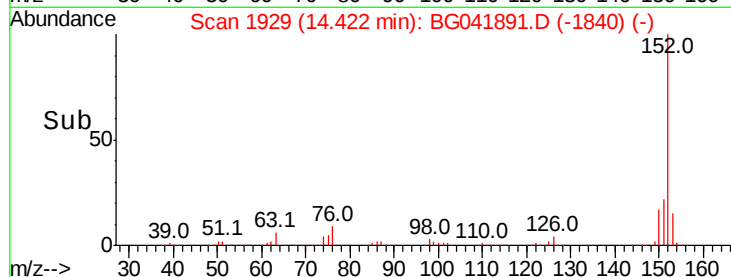
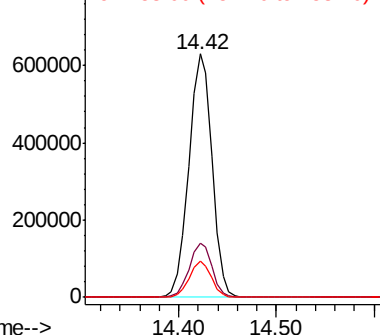


Abundance

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: 47.594 ng

RT: 14.15 min Scan# 1883

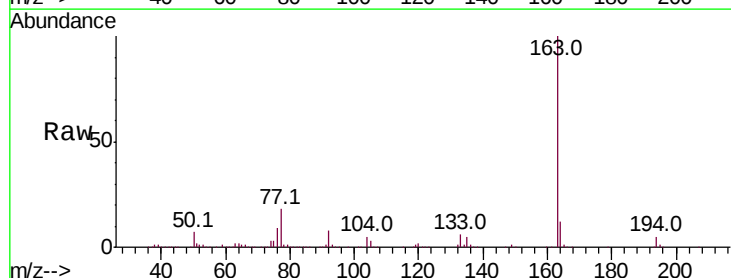
Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Tgt Ion:163 Resp: 955467

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	11.8	9.4	14.2

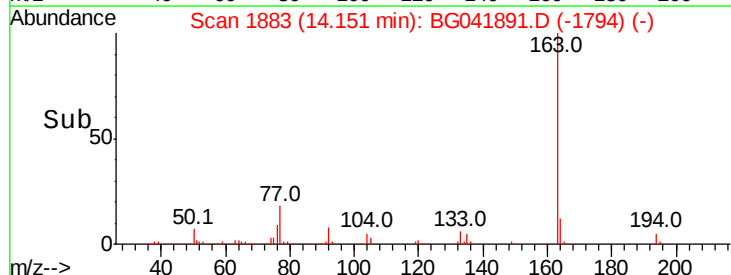
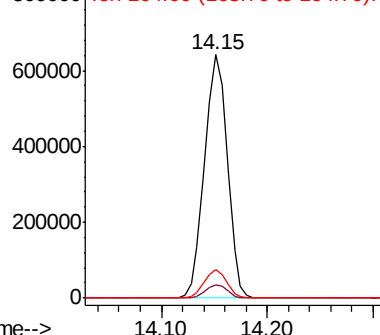


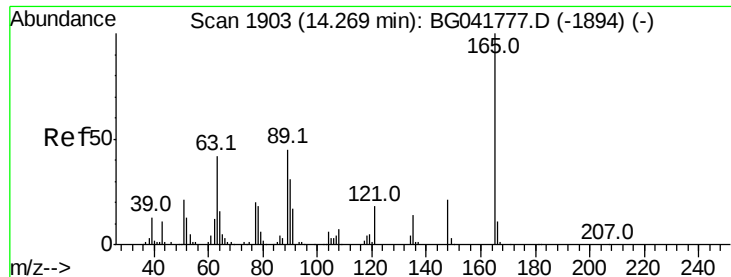
Abundance

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

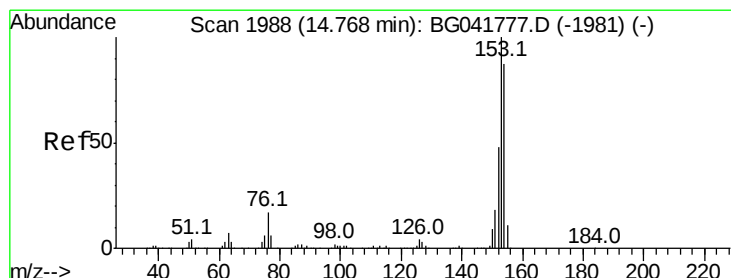
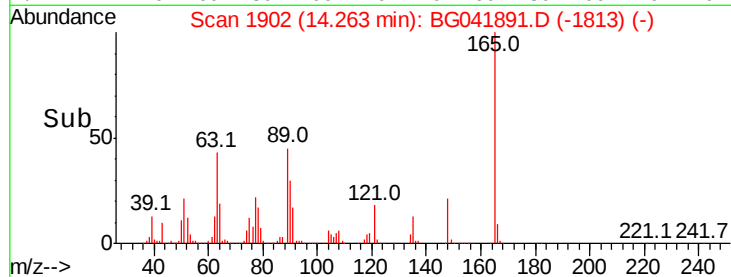
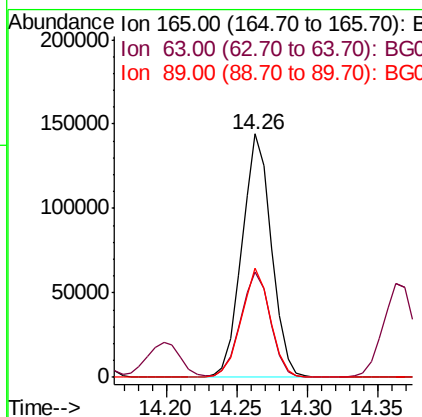
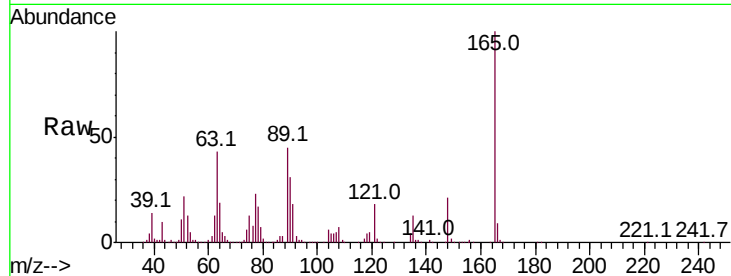




#51
 2,6-Dinitrotoluene
 Concen: 50.007 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

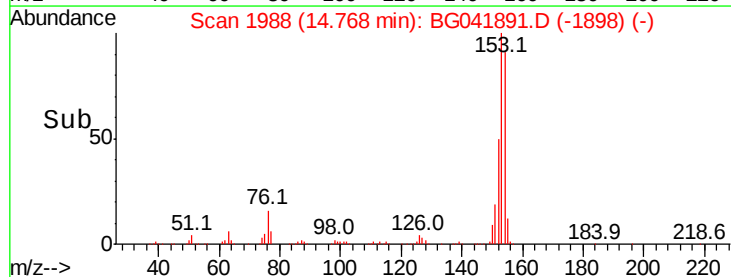
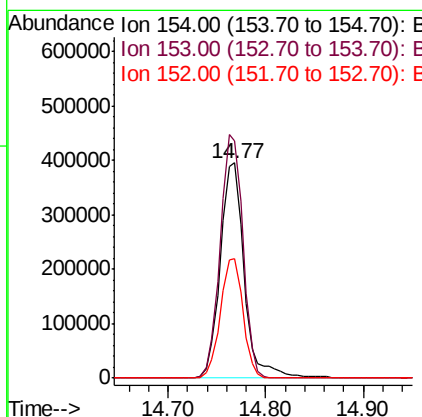
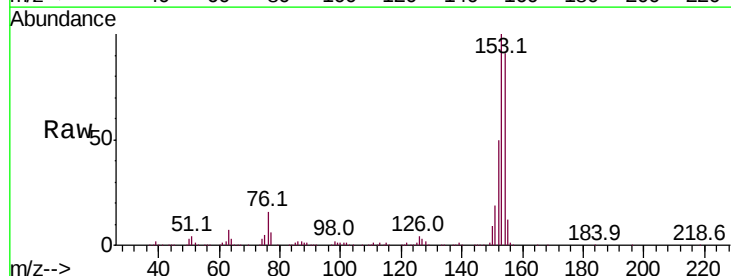
Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMSPD

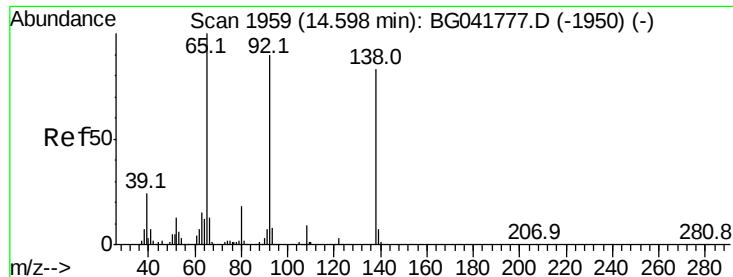
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	42.4	63.6
89	44.7	42.1	63.1



#52
 Acenaphthene
 Concen: 43.175 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.8	134.6
152	55.6	44.9	67.3





#53

3-Nitroaniline

Concen: 30.997 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSSD

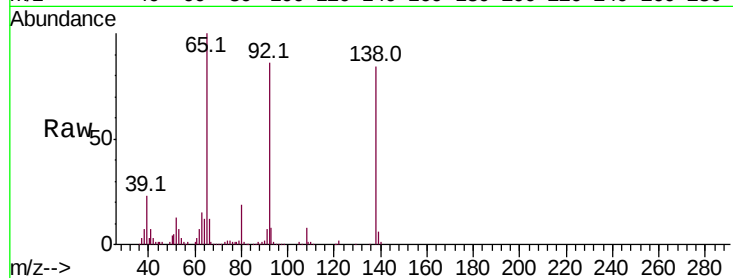
Tot Ion:138 Resp: 139203

Ion Ratio Lower Upper

138 100

108 9.4 10.3 15.5#

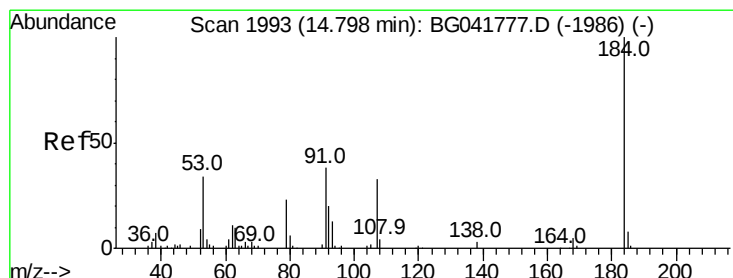
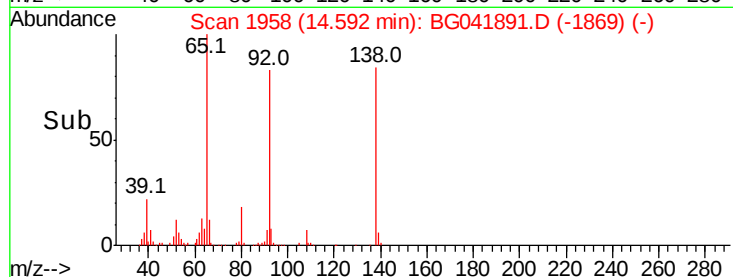
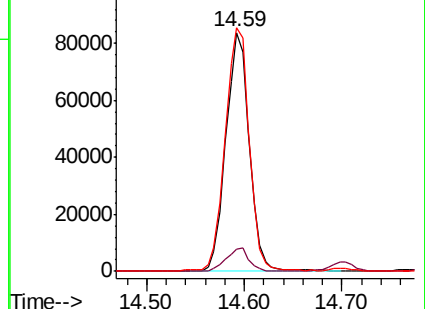
92 101.8 93.0 139.4



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: 46.815 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

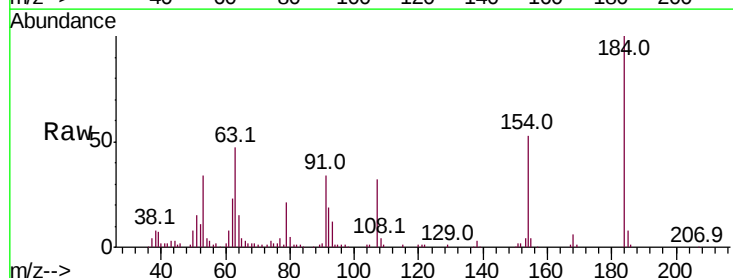
Tgt Ion:184 Resp: 99600

Ion Ratio Lower Upper

184 100

63 46.6 43.2 64.8

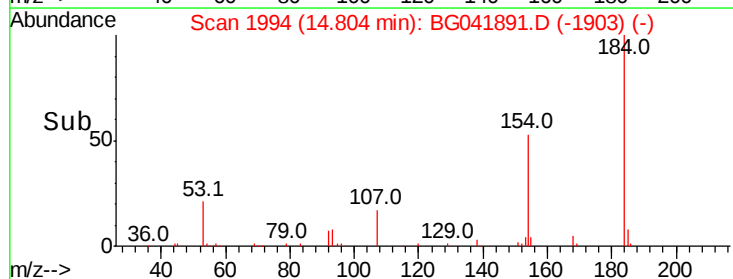
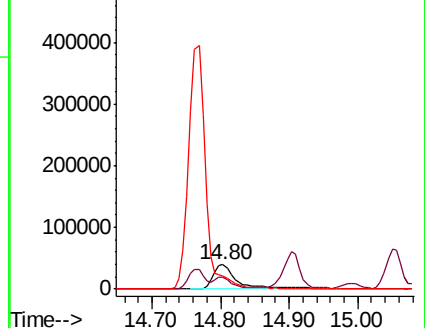
154 52.6 51.4 77.2

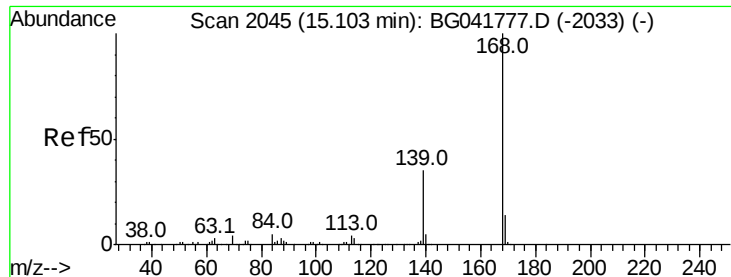


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

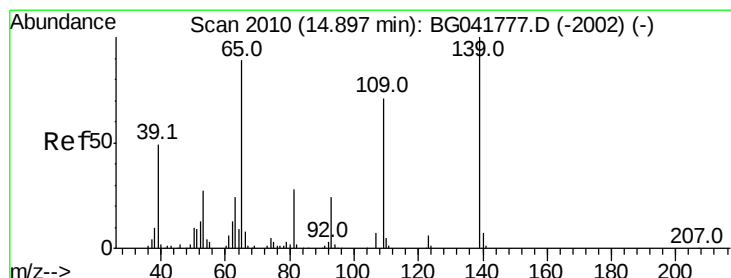
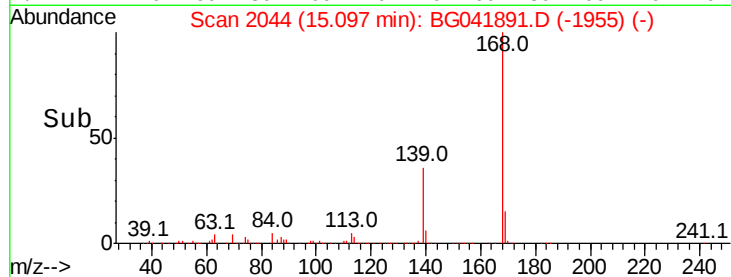
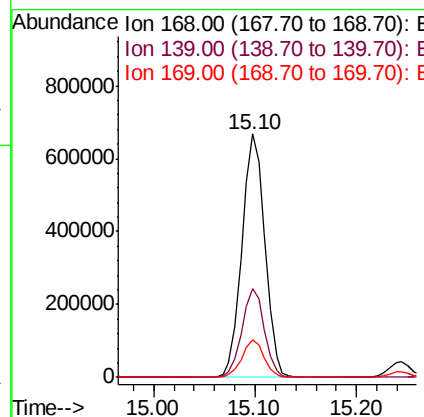
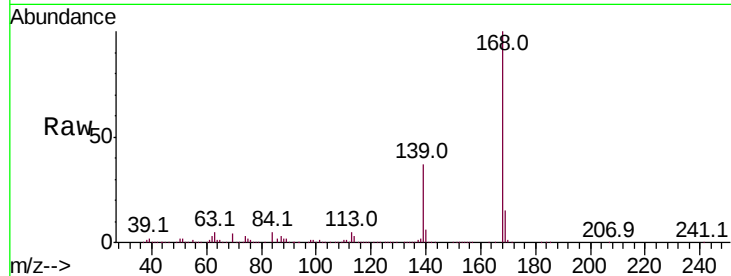




#55
Dibenzenofuran
Concen: 43.548 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

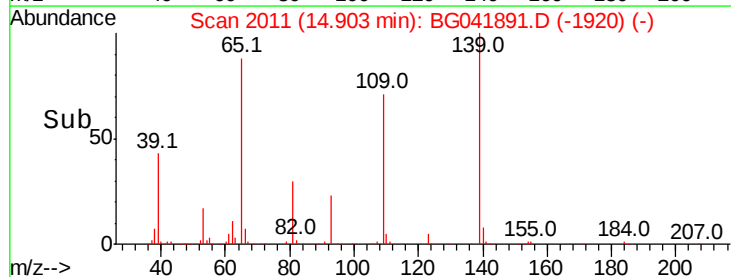
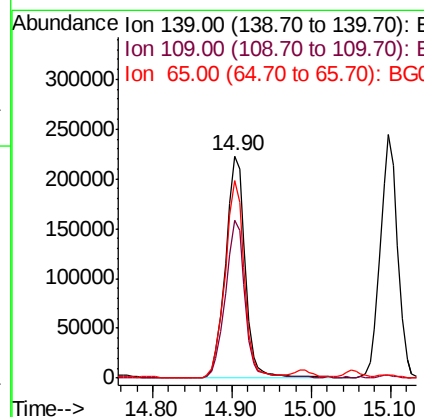
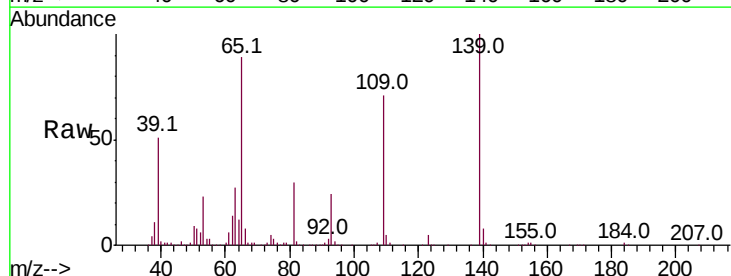
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSSD

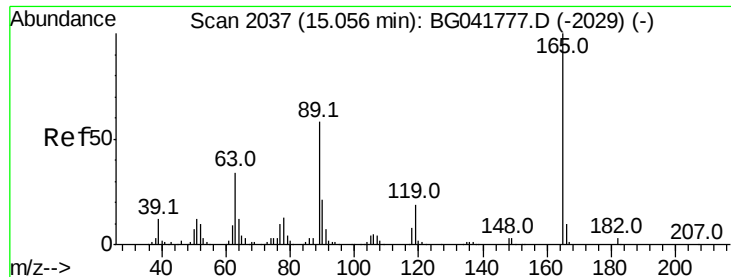
Tot Ion:168 Resp: 1042525
Ion Ratio Lower Upper
168 100
139 36.6 31.9 47.9
169 15.2 12.5 18.7



#56
4-Nitrophenol
Concen: 112.587 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion:139 Resp: 383796
Ion Ratio Lower Upper
139 100
109 71.1 51.3 91.3
65 88.8 77.6 117.6

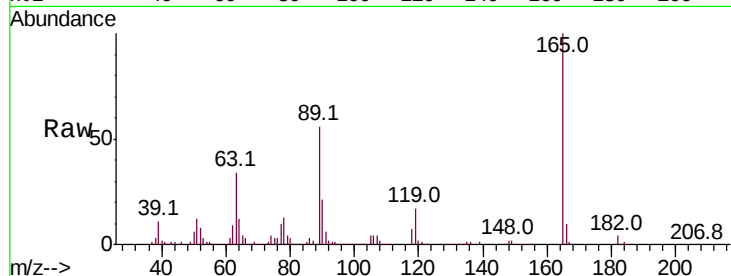




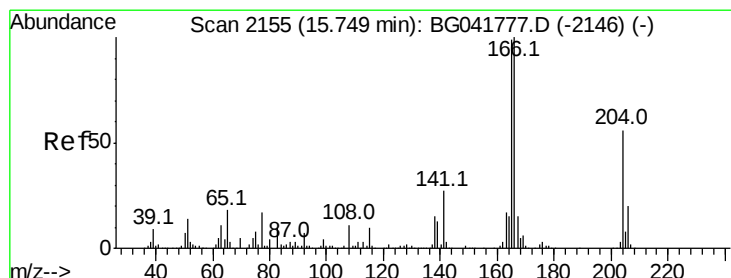
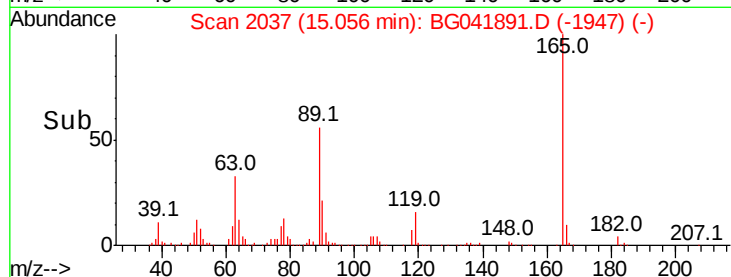
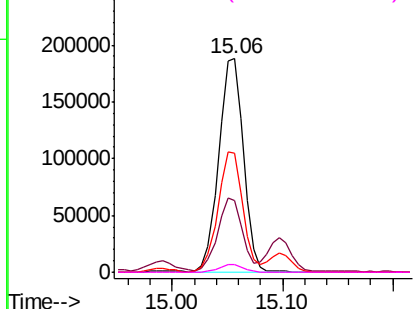
#57
2,4-Dinitrotoluene
Concen: 50.864 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSSD

Tot Ion:165 Resp: 293628
Ion Ratio Lower Upper
165 100
63 33.5 31.7 47.5
89 55.6 50.2 75.4
182 3.6 2.6 4.0

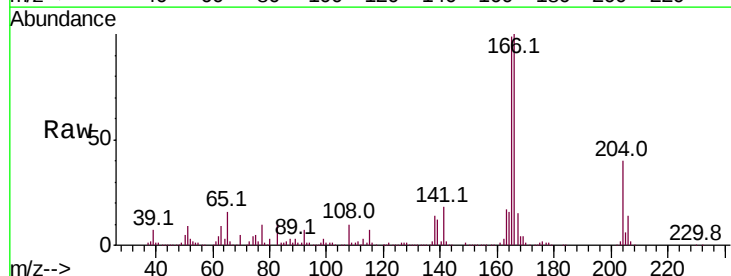


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

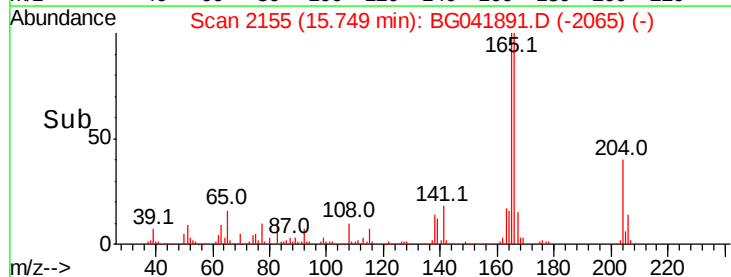
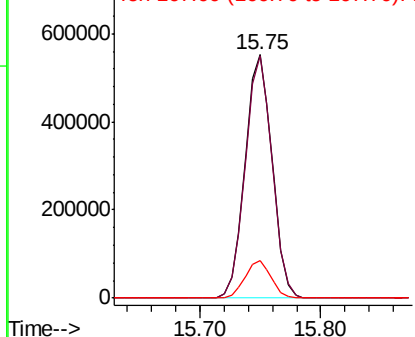


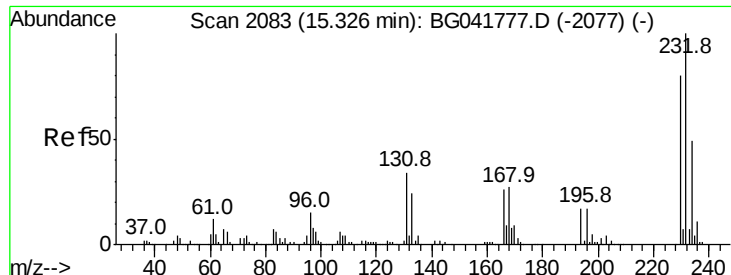
#58
Fluorene
Concen: 44.921 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion:166 Resp: 863012
Ion Ratio Lower Upper
166 100
165 99.3 80.5 120.7
167 15.3 12.4 18.6



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

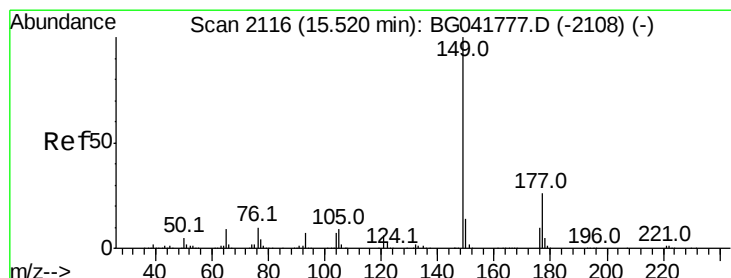
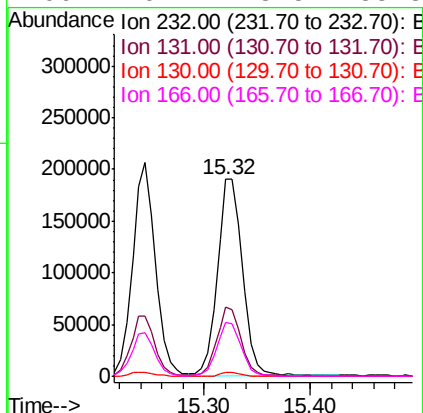
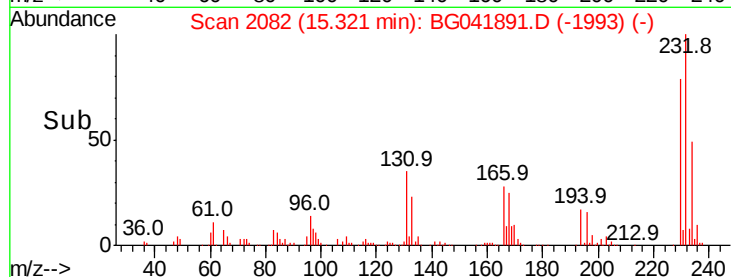
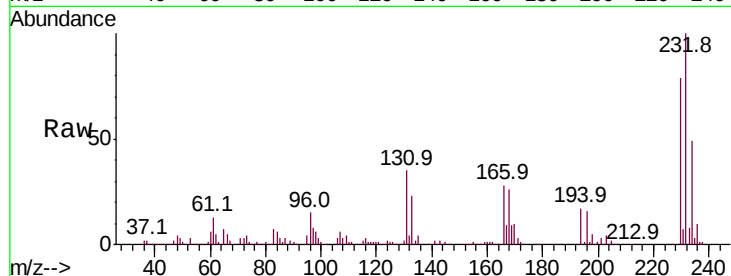




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.179 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

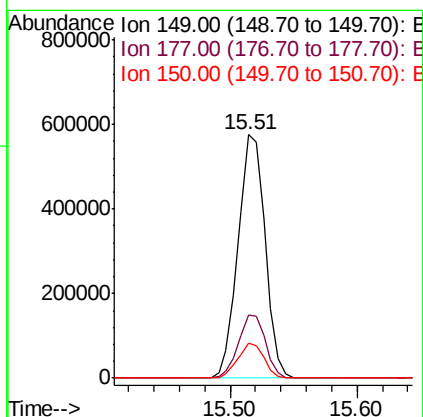
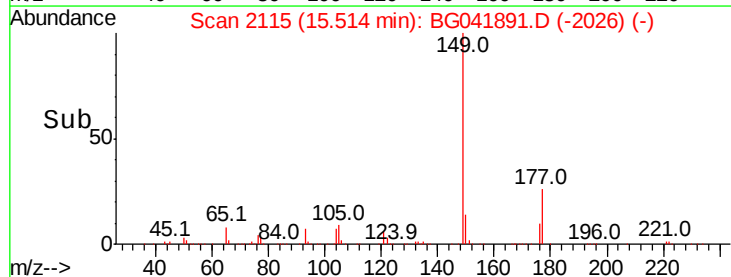
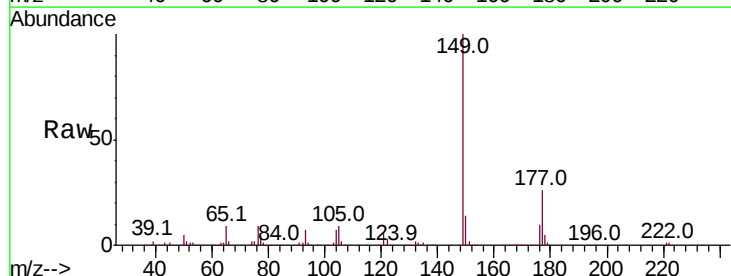
Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSP

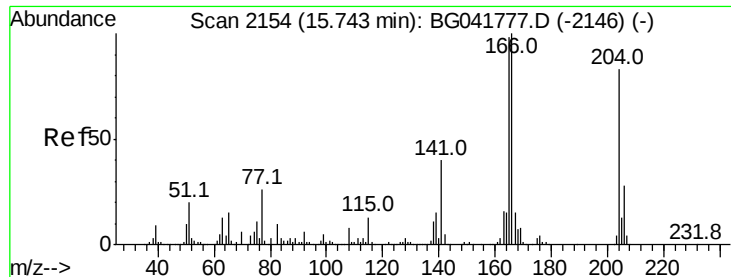
Tot Ion	Ratio	Lower	Upper
232	100		
131	33.4	31.8	47.6
130	1.8	1.8	2.8
166	26.4	23.5	35.3



#60
Diethylphthalate
Concen: 43.072 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.7	31.1
150	14.5	11.5	17.3





#61

4-Chlorophenyl-phenylether

Concen: 42.873 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSSD

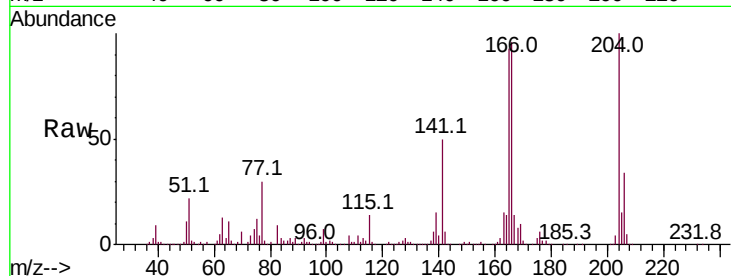
Tot Ion:204 Resp: 502840

Ion Ratio Lower Upper

204 100

206 34.4 28.6 42.8

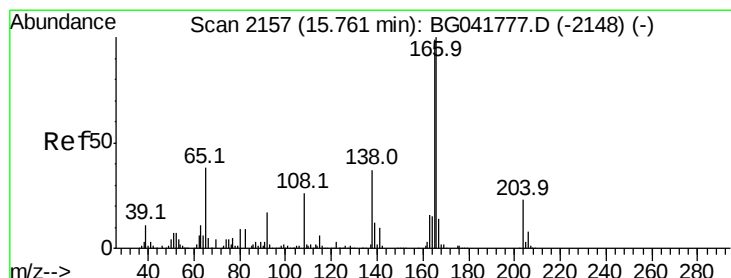
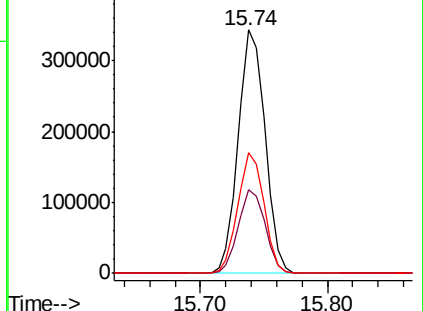
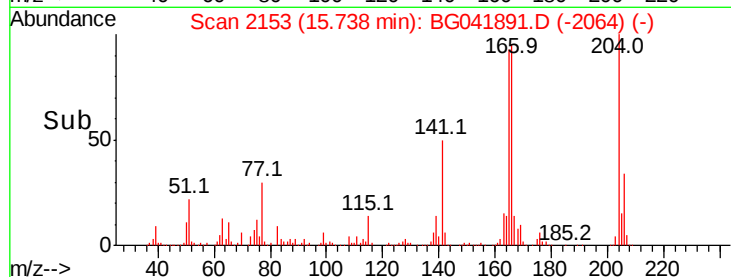
141 49.8 42.9 64.3



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: 44.657 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

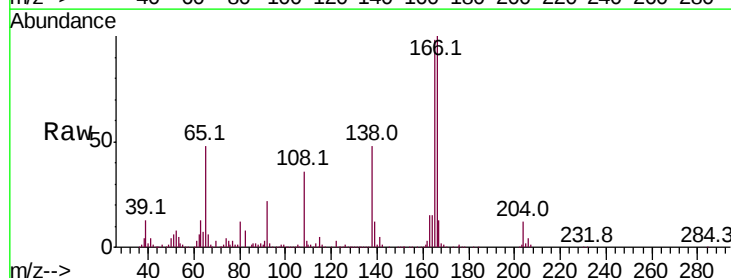
Tgt Ion:138 Resp: 217221

Ion Ratio Lower Upper

138 100

92 44.6 29.8 69.8

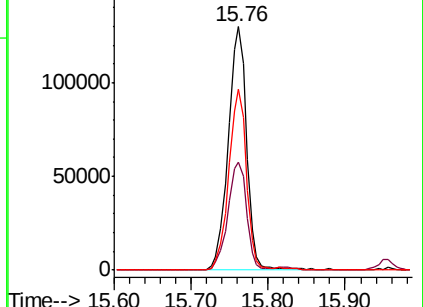
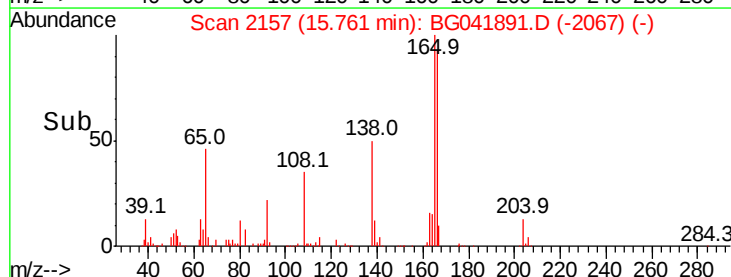
108 74.1 52.2 92.2

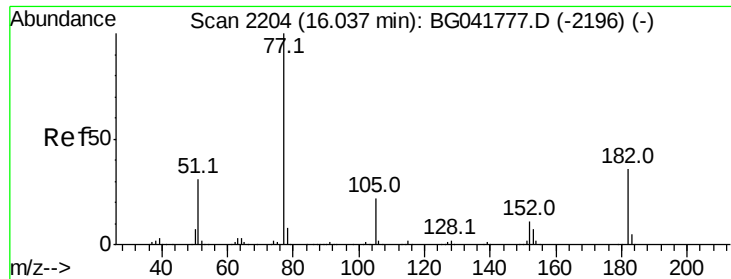


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

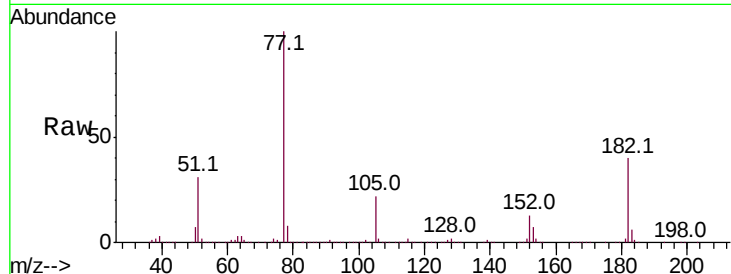




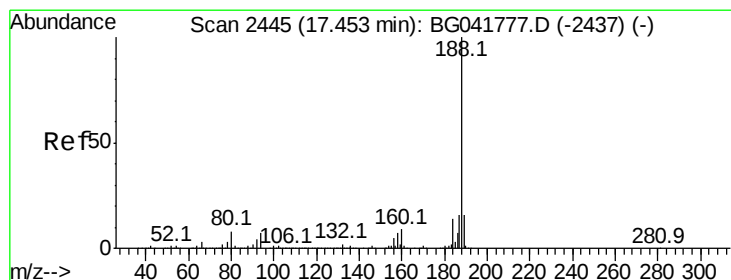
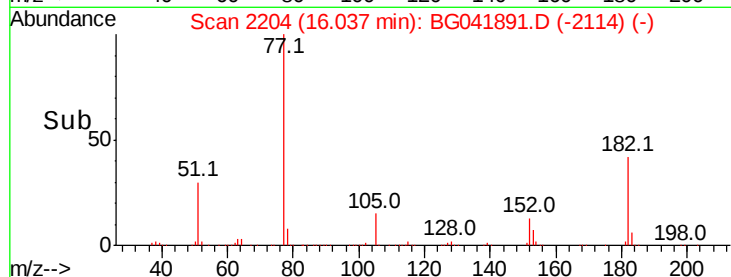
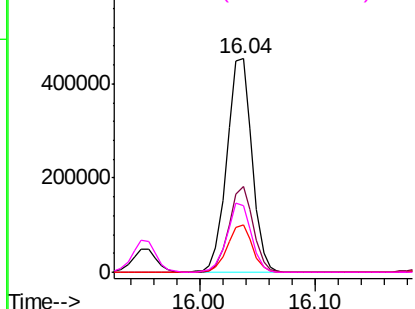
#63
Azobenzene
Concen: 42.121 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSD

Tot Ion: 77 Resp: 678160
Ion Ratio Lower Upper
77 100
182 40.3 13.2 53.2
105 22.4 2.2 42.2
51 30.9 14.6 54.6

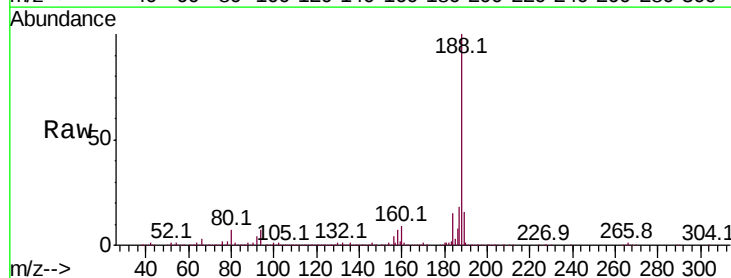


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

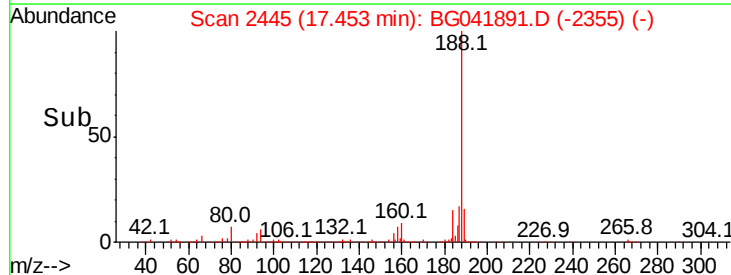
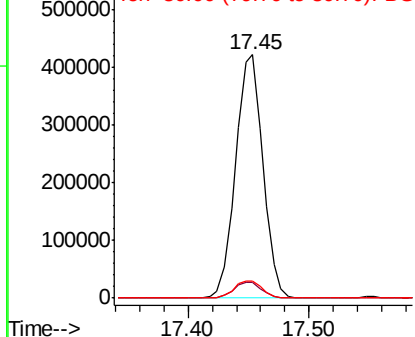


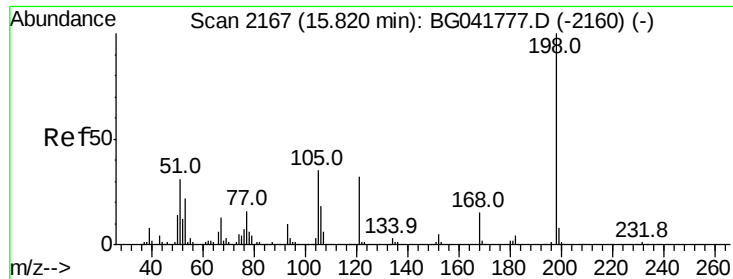
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion: 188 Resp: 665854
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 6.8 8.0 12.0#



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

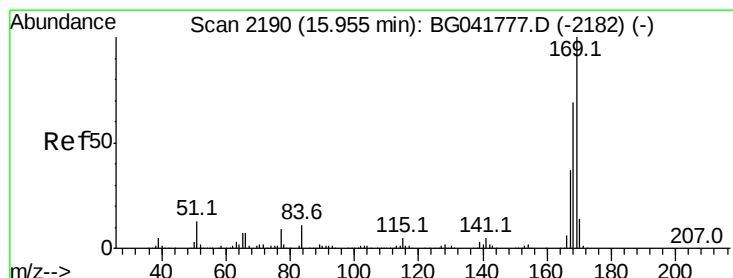
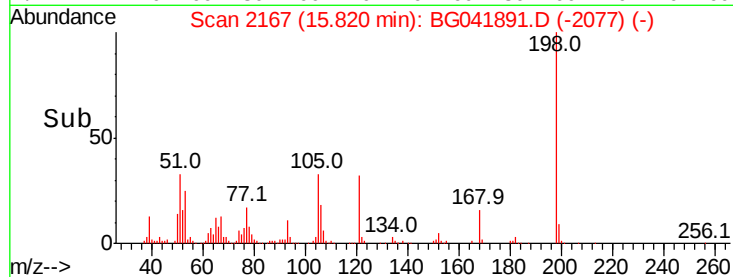
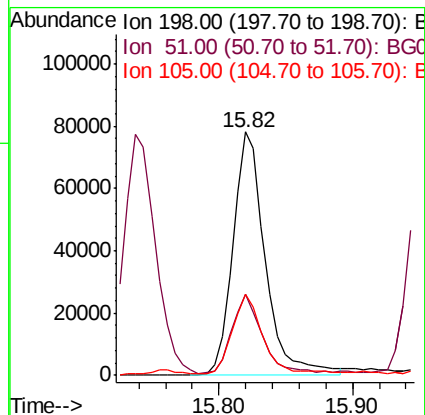
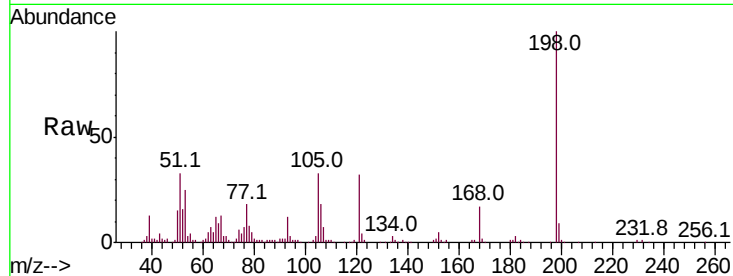




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.563 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

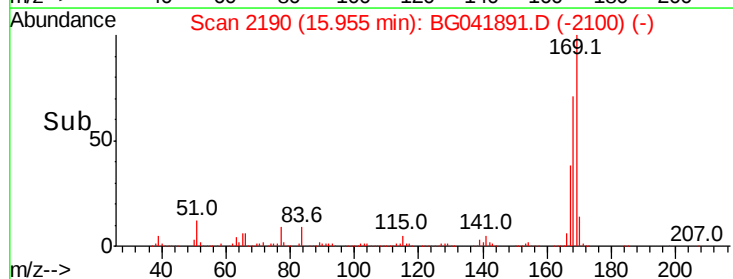
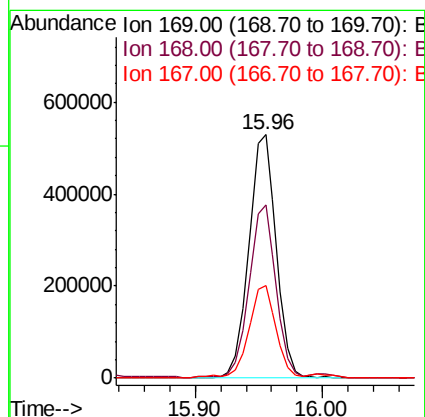
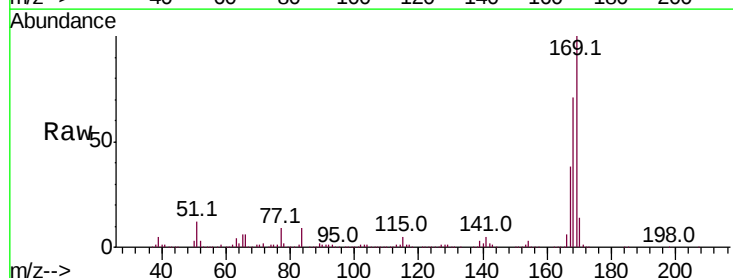
Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMSP

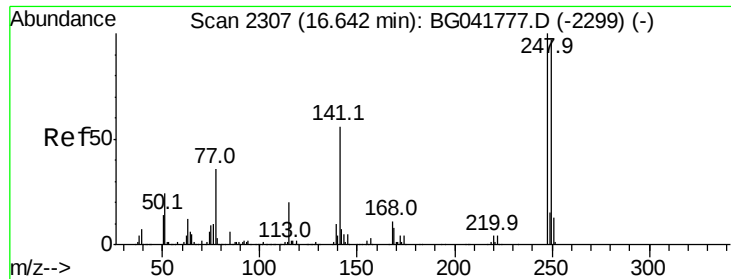
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.2	22.3	62.3
105	33.5	18.0	58.0



#66
 n-Nitrosodiphenylamine
 Concen: 43.593 ng
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	56.9	85.3
167	37.9	31.5	47.3





#67

4-Bromophenyl-phenylether

Concen: 42.569 ng

RT: 16.64 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

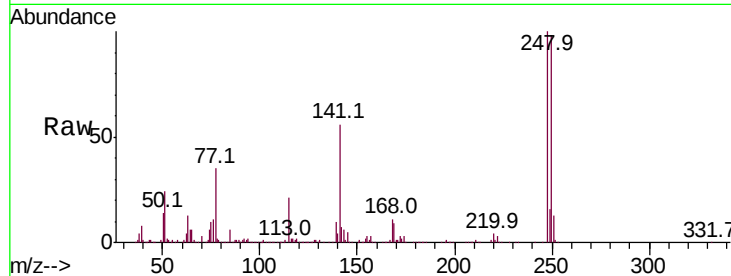
BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSD

Tot Ion:248 Resp: 349155

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.1	117.1
141	55.9	49.6	74.4

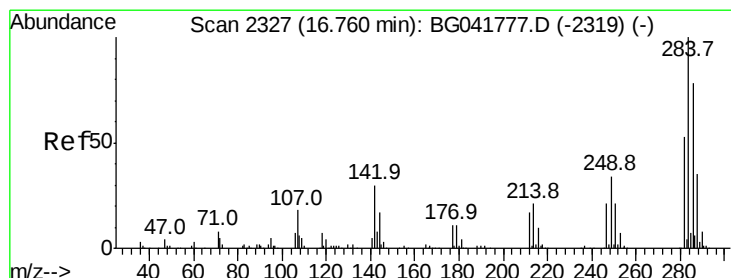
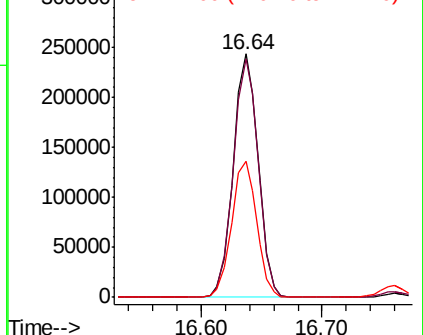
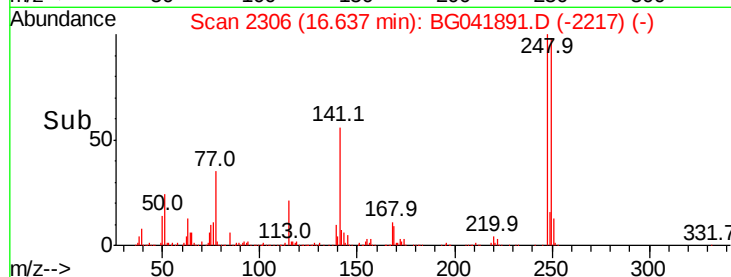


Abundance

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: 41.466 ng

RT: 16.76 min Scan# 2327

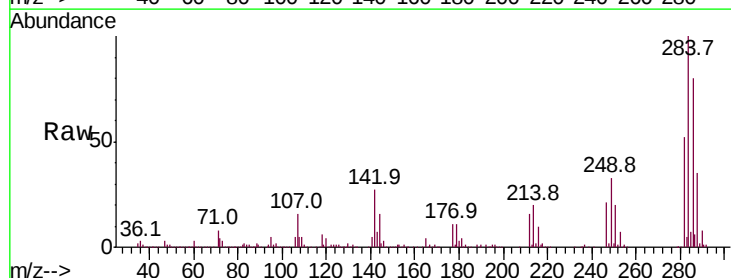
Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Tgt Ion:284 Resp: 355808

Ion	Ratio	Lower	Upper
284	100		
142	26.8	27.0	40.6#
249	32.8	28.4	42.6

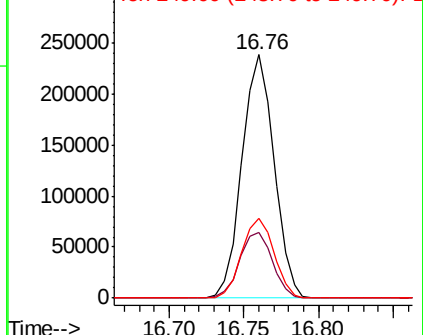
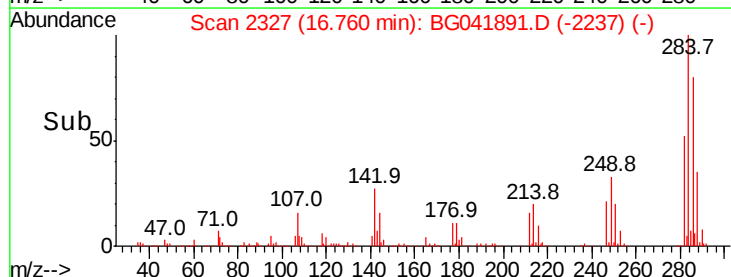


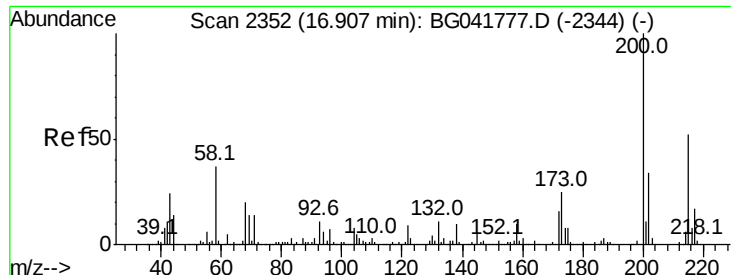
Abundance

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

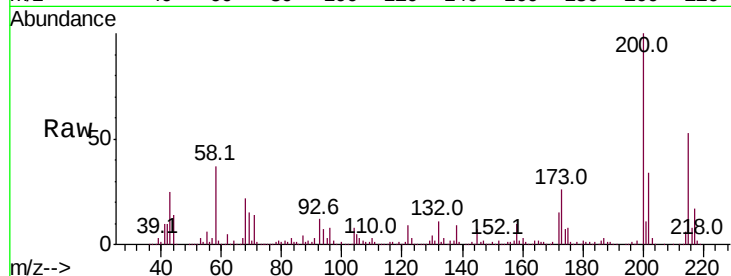




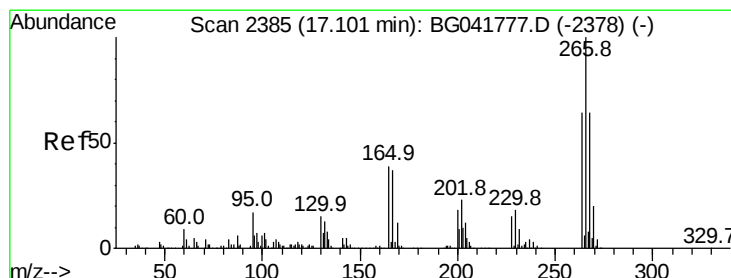
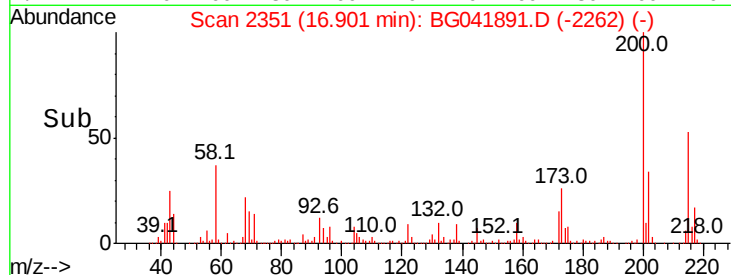
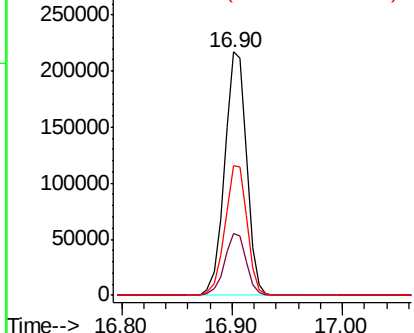
#69
Atrazine
Concen: 42.481 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Instrument :
BNA_G
ClientSampleId :
1S-M-(0-30)-COMPMSP

Tot Ion:200 Resp: 302730
Ion Ratio Lower Upper
200 100
173 25.7 5.3 45.3
215 53.4 31.8 71.8

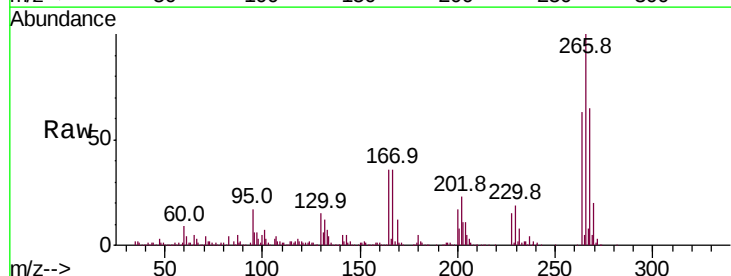


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

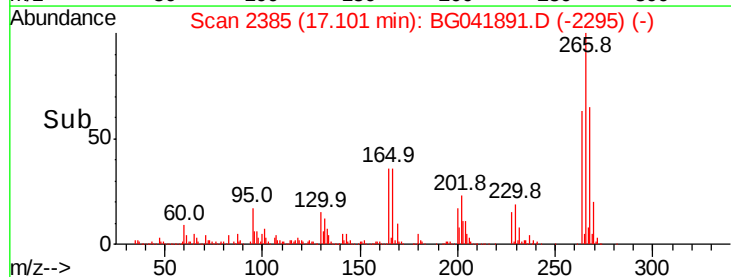
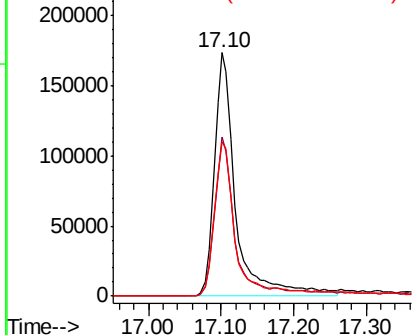


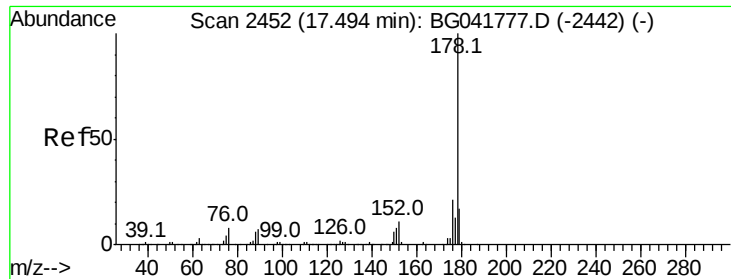
#70
Pentachlorophenol
Concen: 72.938 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041891.D
Acq: 2 Aug 2019 16:47

Tgt Ion:266 Resp: 355542
Ion Ratio Lower Upper
266 100
268 65.4 52.9 79.3
264 63.0 51.4 77.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.965 ng

RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

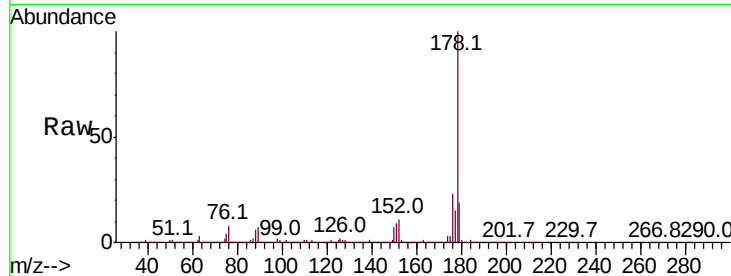
BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSD

Tot Ion:178 Resp: 1850043

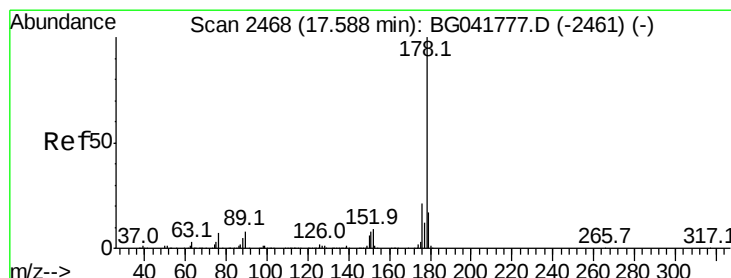
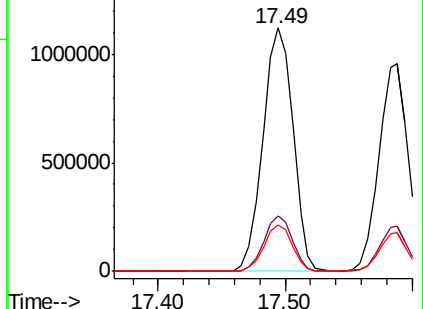
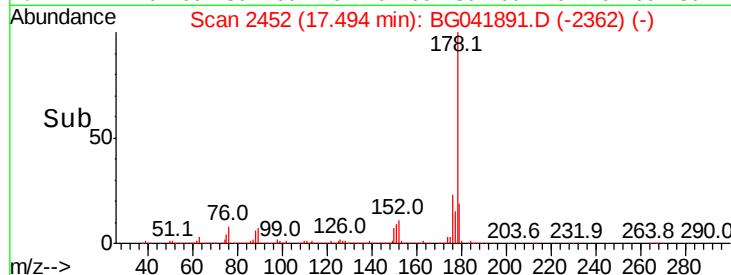
Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.6	28.0
179	18.9	15.4	23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.737 ng

RT: 17.59 min Scan# 2468

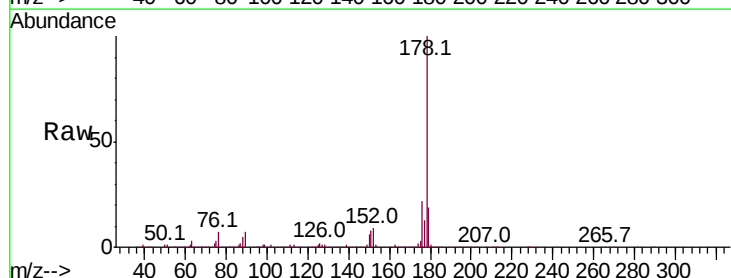
Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Tgt Ion:178 Resp: 1519527

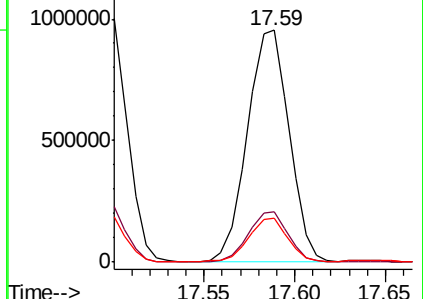
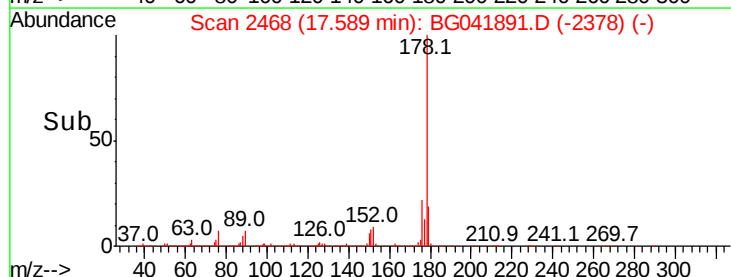
Ion	Ratio	Lower	Upper
178	100		
176	21.6	18.6	28.0
179	18.7	15.1	22.7

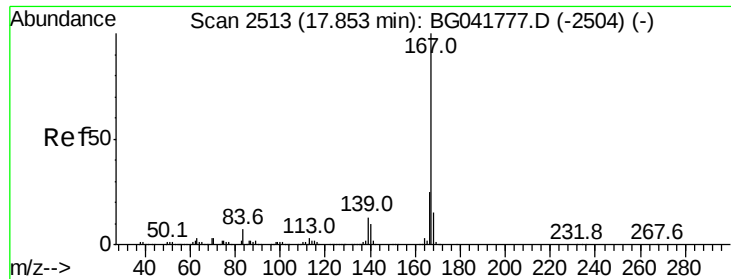


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



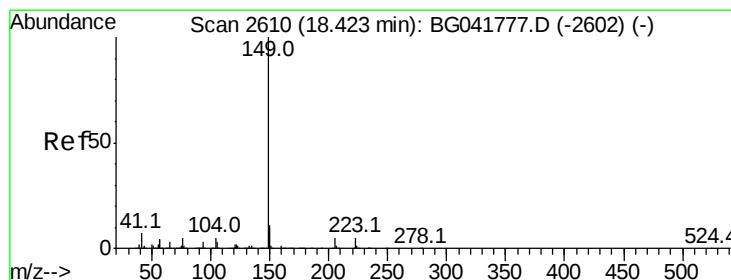
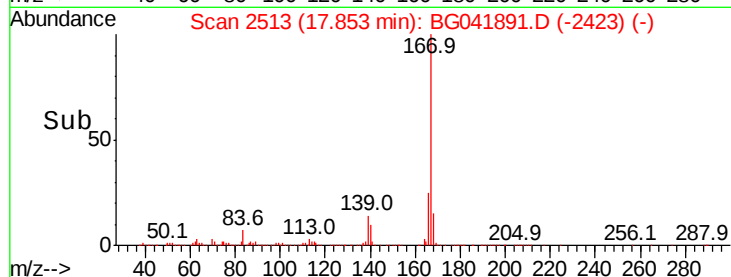
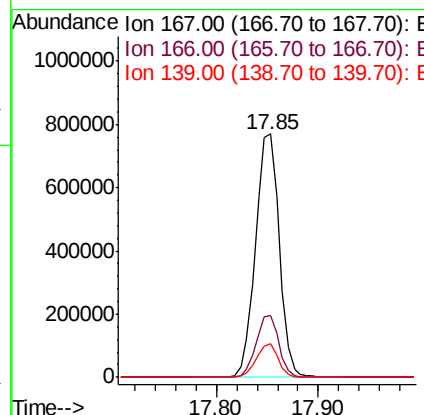
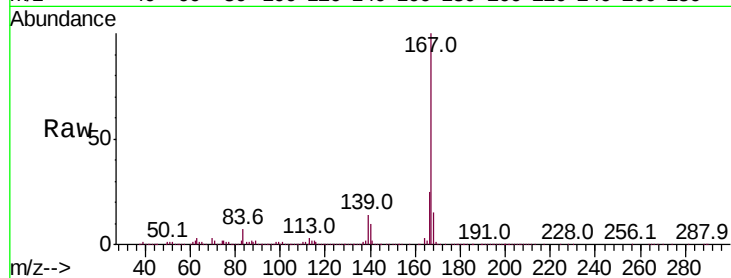


#73
 Carbazole
 Concen: 43.738 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Instrument :
 BNA_G
 ClientSampleId :
 1S-M-(0-30)-COMPMSD

Tot Ion:167 Resp: 1249579

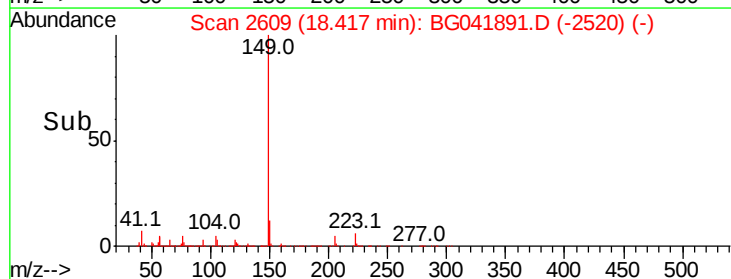
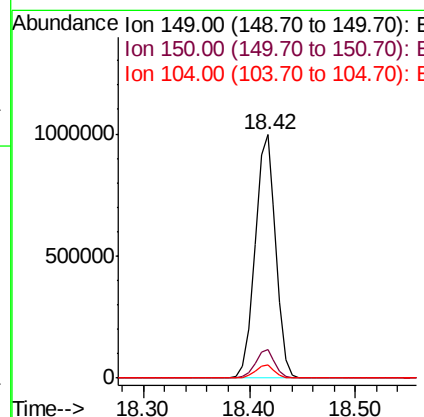
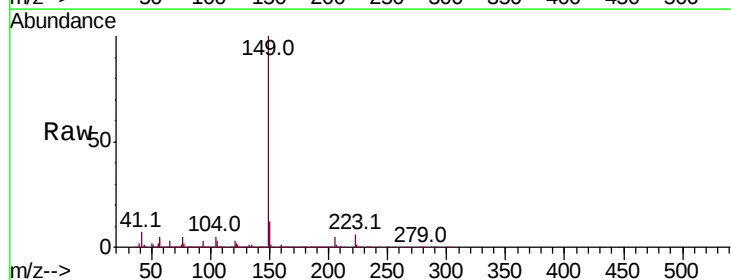
Ion	Ratio	Lower	Upper
167	100		
166	25.5	21.4	32.2
139	13.7	12.1	18.1

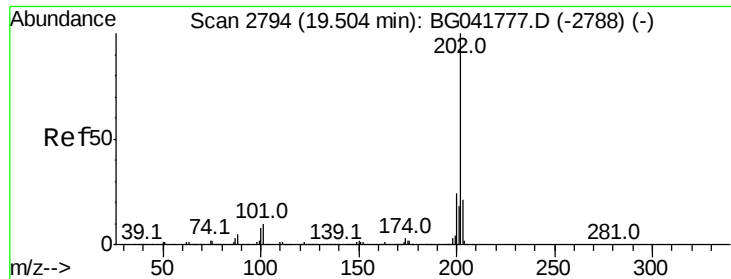


#74
 Di-n-butylphthalate
 Concen: 41.744 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041891.D
 Acq: 2 Aug 2019 16:47

Tgt Ion:149 Resp: 1352063

Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.5	5.3	7.9





#75

Fluoranthene

Concen: 65.907 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

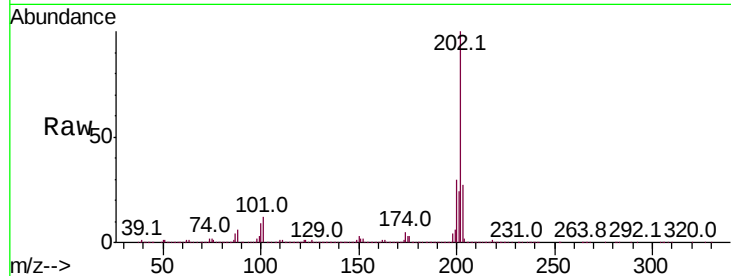
Tot Ion:202 Resp: 2556832

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.8

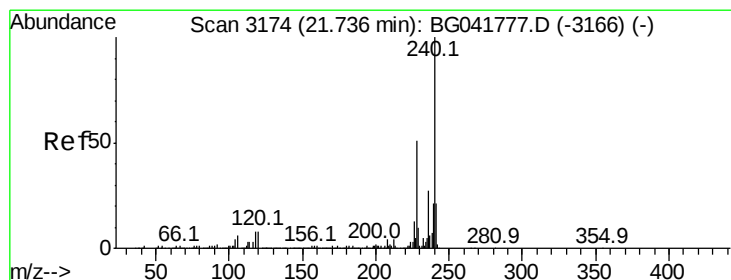
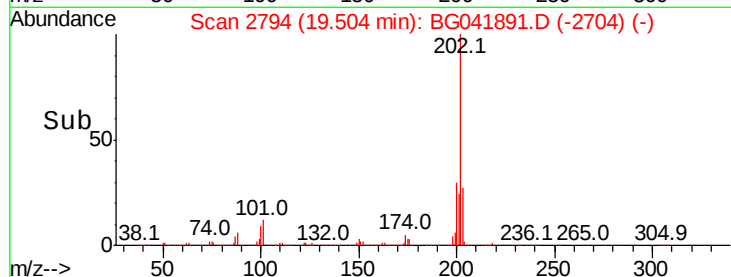
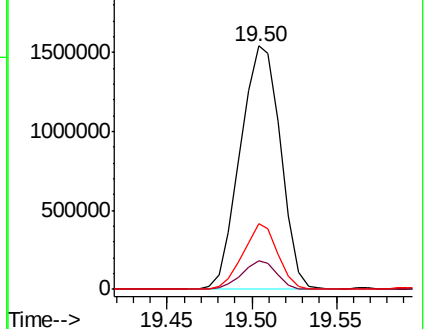
203 27.0 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

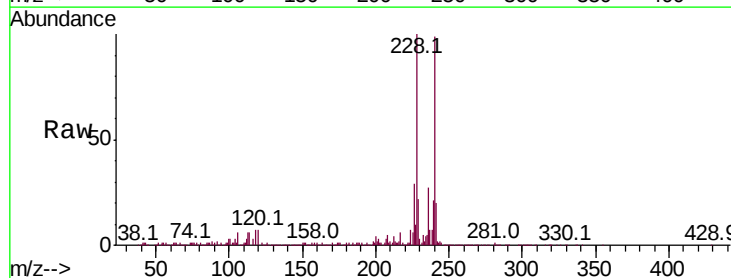
Tgt Ion:240 Resp: 661728

Ion Ratio Lower Upper

240 100

120 7.5 8.0 12.0#

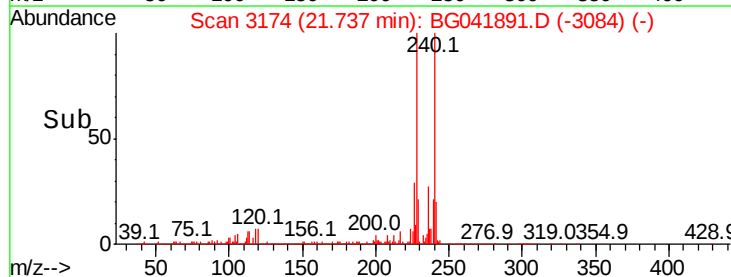
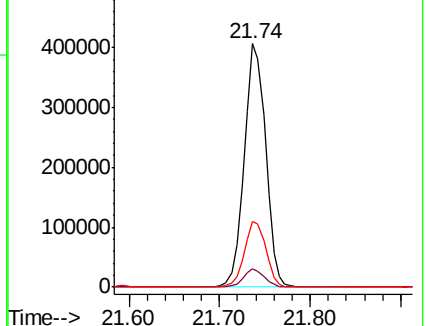
236 27.2 22.6 33.8

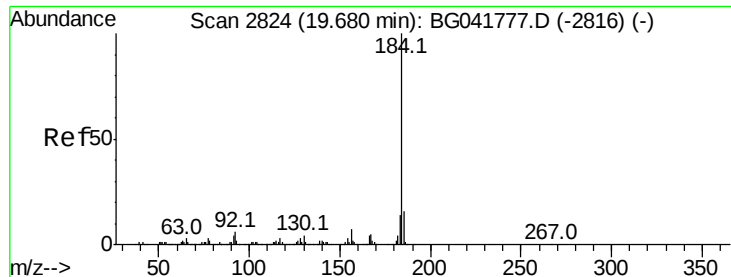


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.785 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSPD

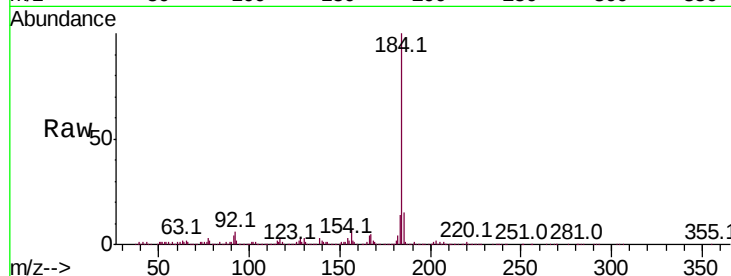
Tot Ion:184 Resp: 708128

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.4

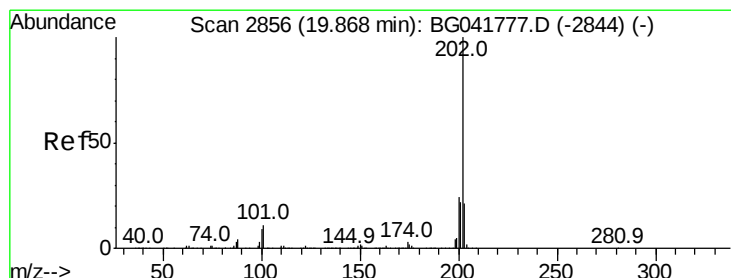
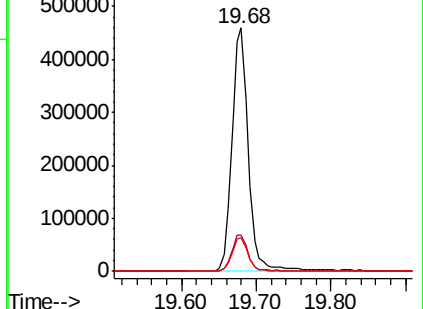
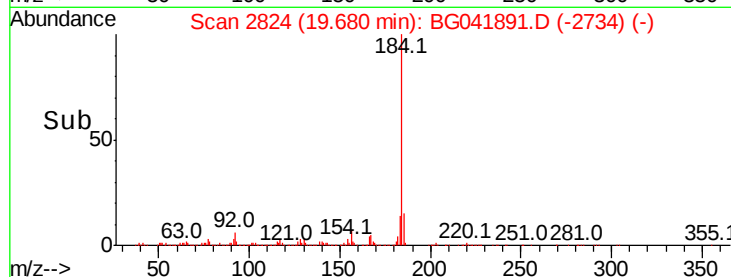
183 13.7 11.8 17.6



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: 63.227 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

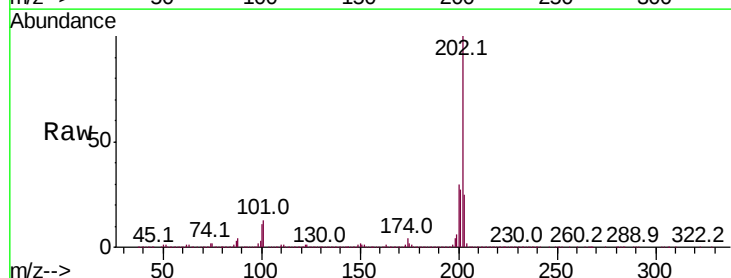
Tgt Ion:202 Resp: 2478910

Ion Ratio Lower Upper

202 100

200 29.6 22.2 33.2

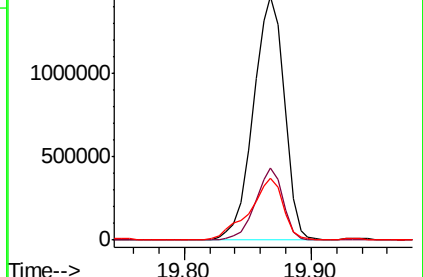
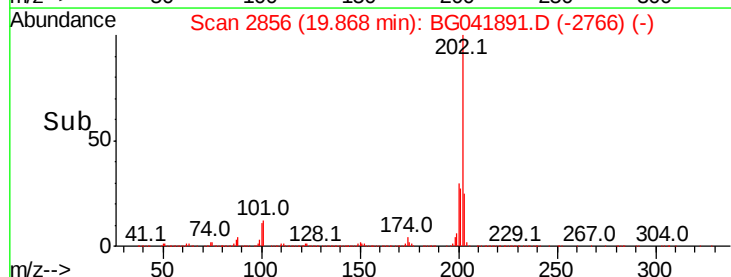
203 25.4 18.9 28.3

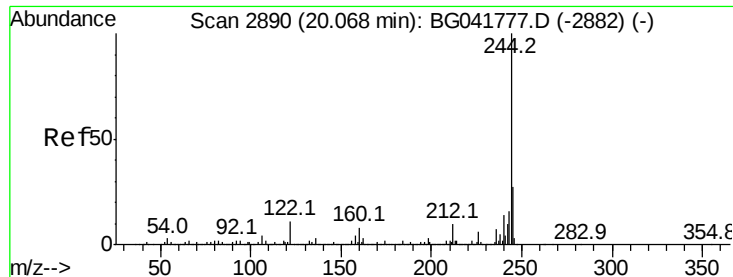


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.343 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSD

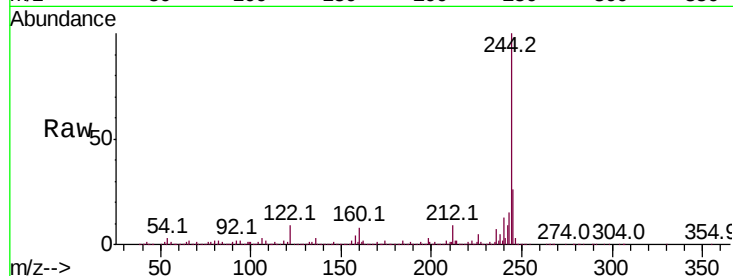
Tot Ion:244 Resp: 1831786

Ion Ratio Lower Upper

244 100

212 9.1 9.7 14.5#

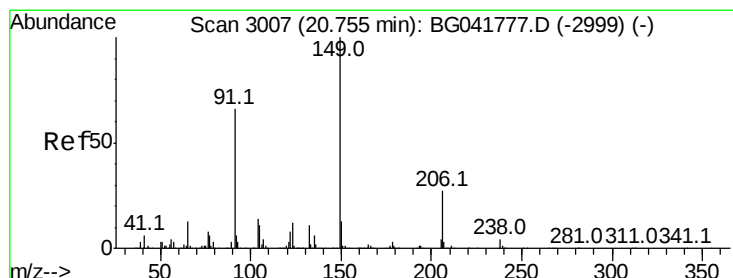
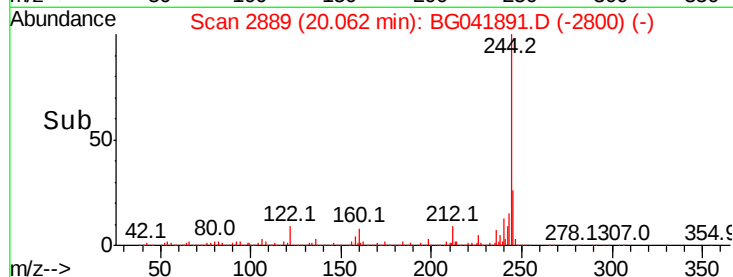
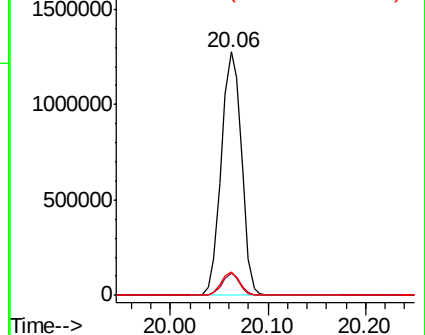
122 9.4 12.5 18.7#



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: 43.586 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

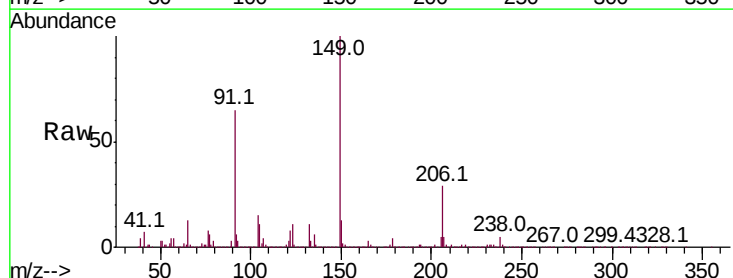
Tgt Ion:149 Resp: 655175

Ion Ratio Lower Upper

149 100

91 65.0 58.9 88.3

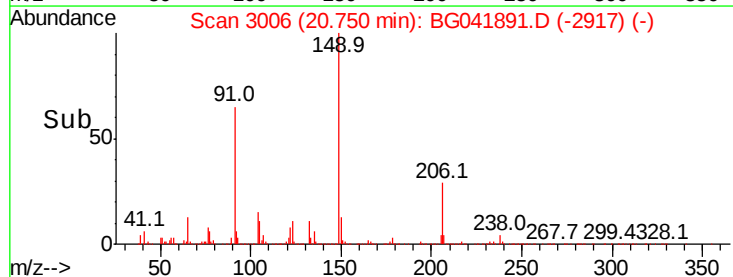
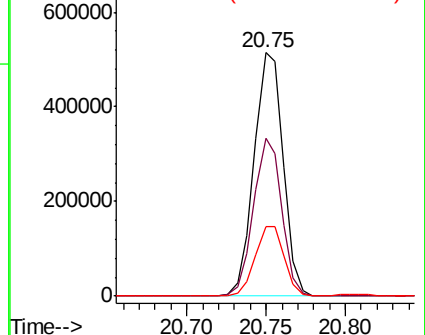
206 28.8 20.8 31.2

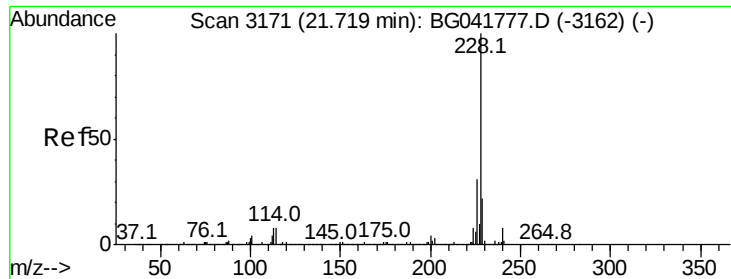


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.410 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSD

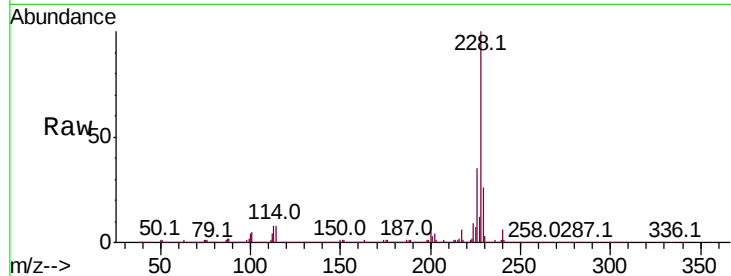
Tot Ion:228 Resp: 2286803

Ion Ratio Lower Upper

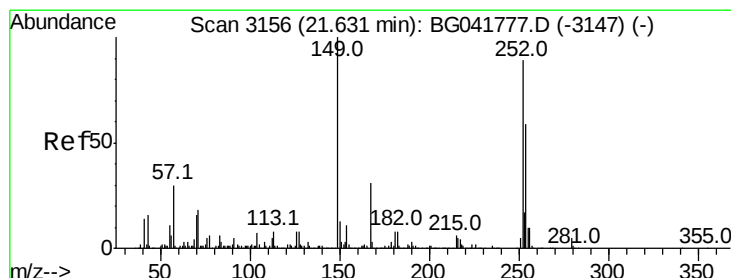
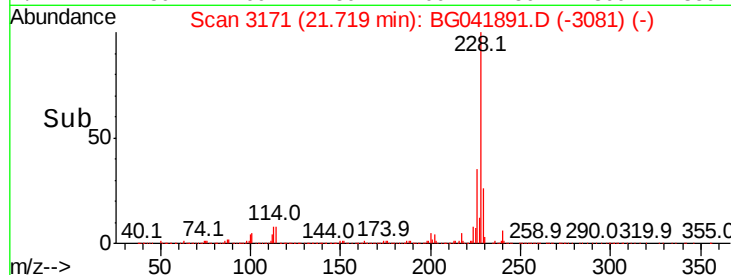
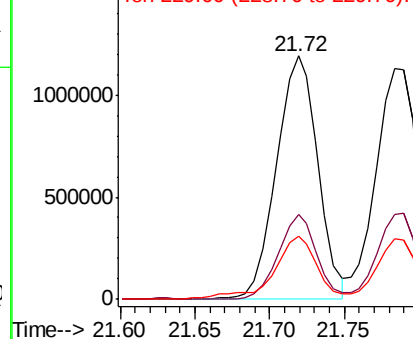
228 100

226 34.9 27.3 40.9

229 26.0 19.7 29.5



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



#82

3,3'-Dichlorobenzidine

Concen: 25.842 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

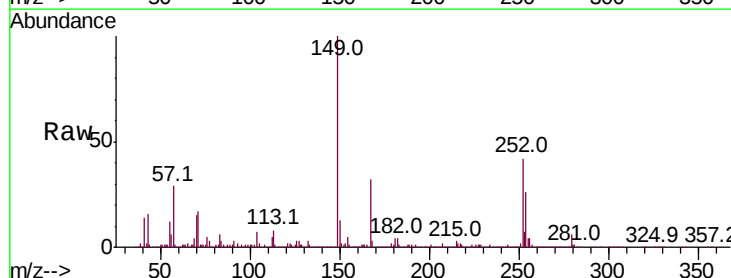
Tgt Ion:252 Resp: 406203

Ion Ratio Lower Upper

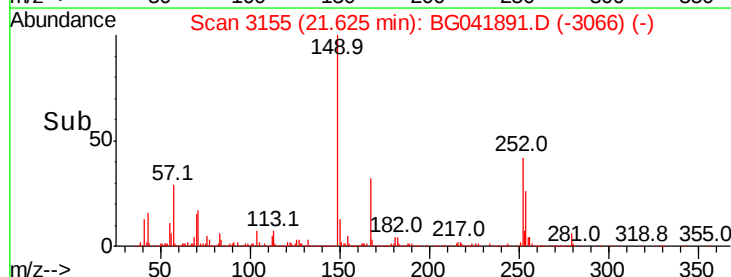
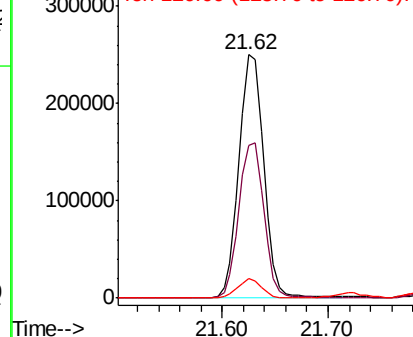
252 100

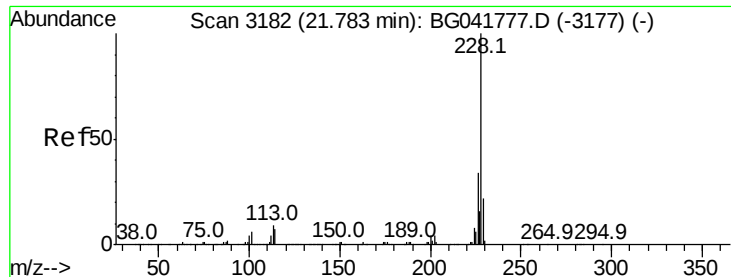
254 63.0 53.8 80.6

126 7.9 7.8 11.8



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





#83

Chrysene

Concen: 57.087 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSPD

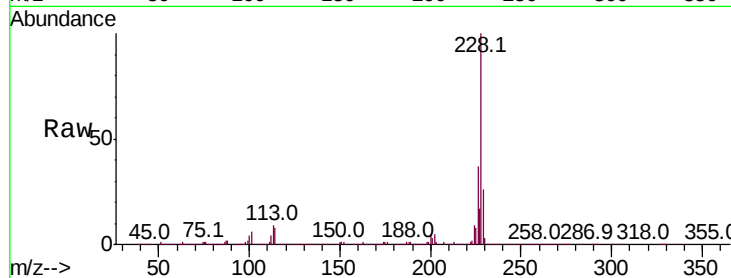
Tot Ion:228 Resp: 2142414

Ion	Ratio	Lower	Upper
228	100		
226	37.0	30.1	45.1
229	26.0	19.8	29.6

228 100

226 37.0 30.1 45.1

229 26.0 19.8 29.6

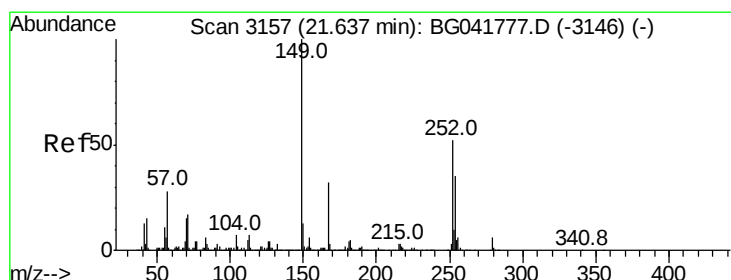
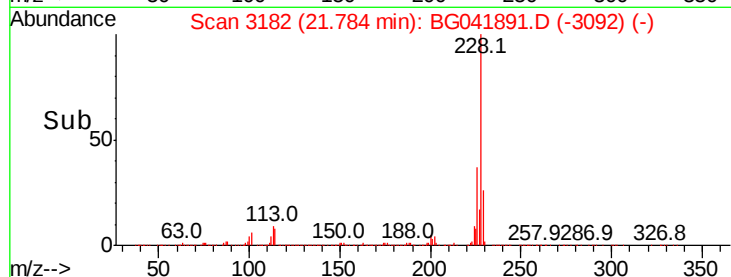
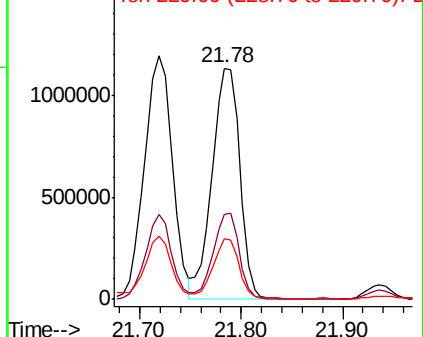


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.157 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

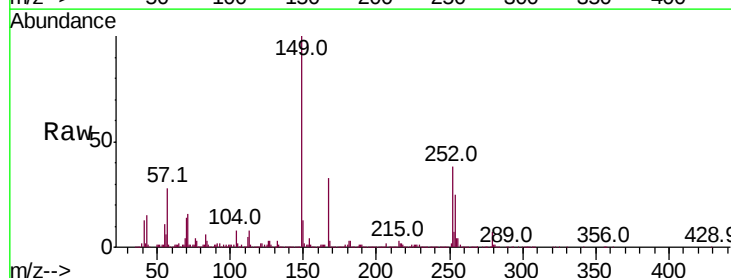
Tgt Ion:149 Resp: 915592

Ion	Ratio	Lower	Upper
149	100		
167	33.2	27.0	40.4
279	7.1	5.0	7.6

149 100

167 33.2 27.0 40.4

279 7.1 5.0 7.6

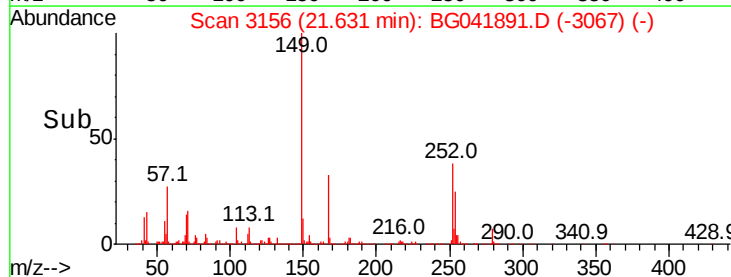
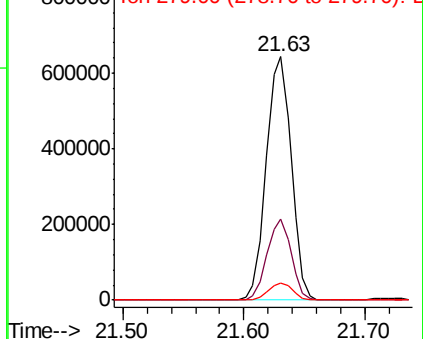


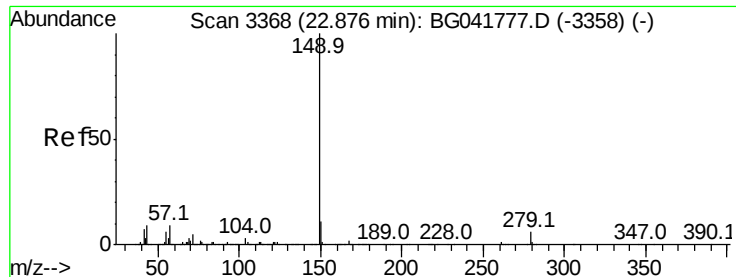
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.728 ng

RT: 22.86 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

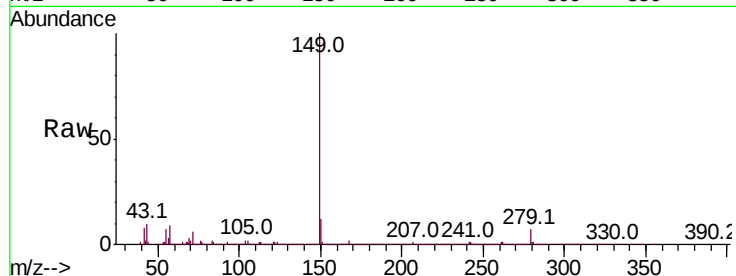
Tot Ion:149 Resp: 1560844

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

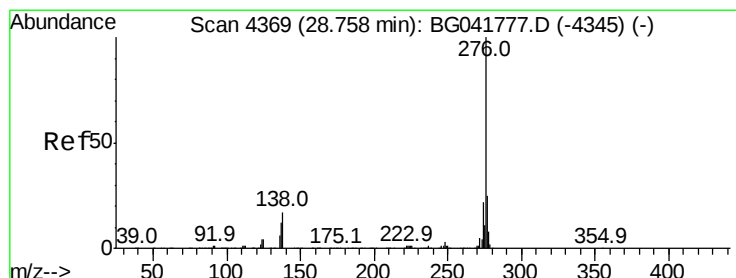
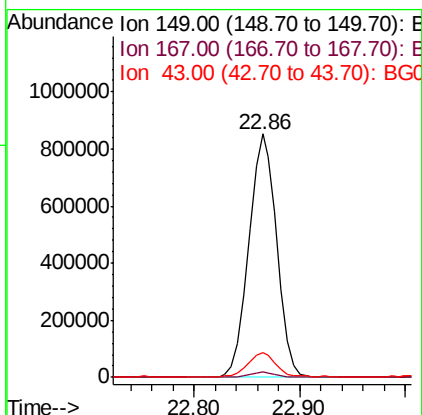
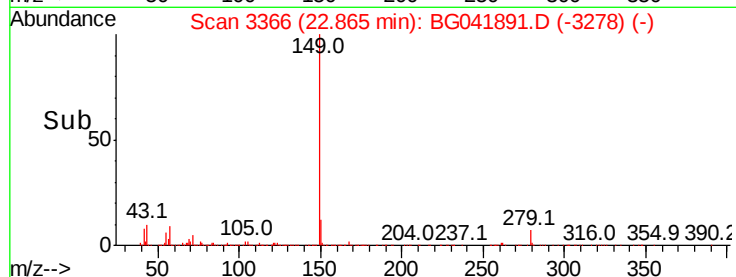
43 9.6 10.6 16.0#



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: 52.088 ng

RT: 28.77 min Scan# 4371

Delta R.T. 0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

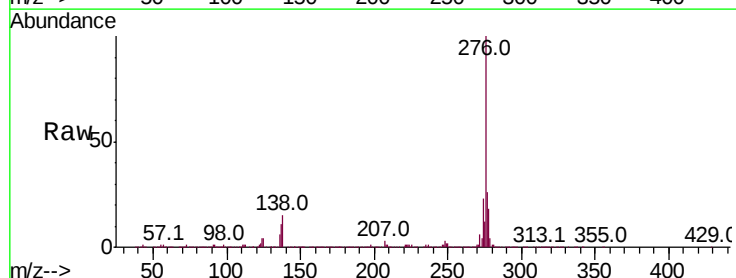
Tgt Ion:276 Resp: 2587712

Ion Ratio Lower Upper

276 100

138 17.9 19.4 29.0#

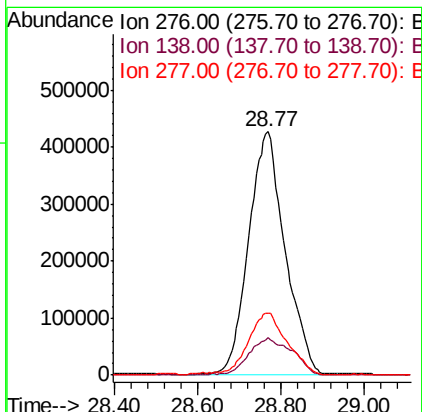
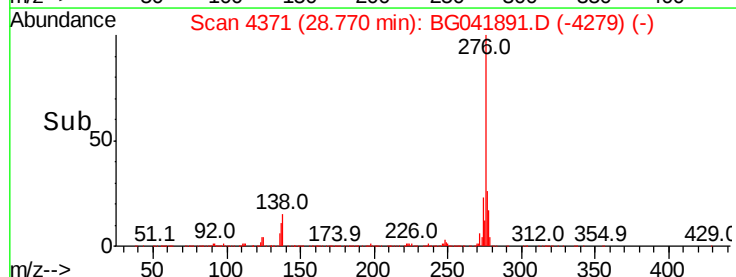
277 27.3 21.2 31.8

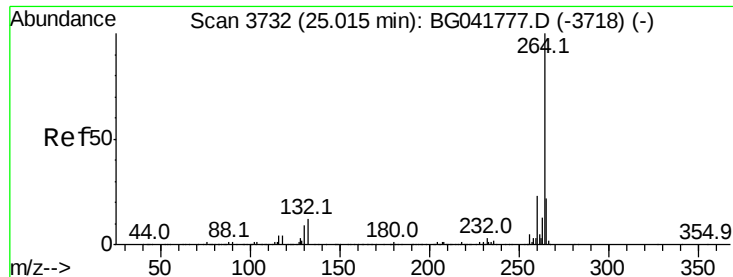


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

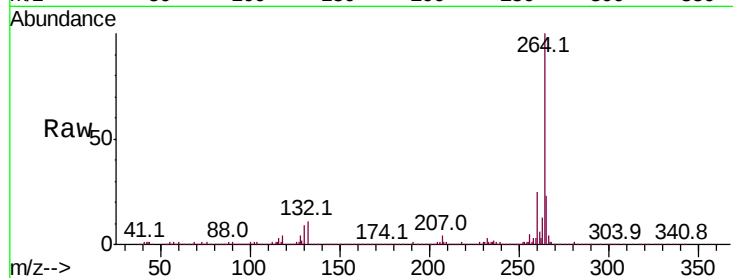
Tot Ion:264 Resp: 793051

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

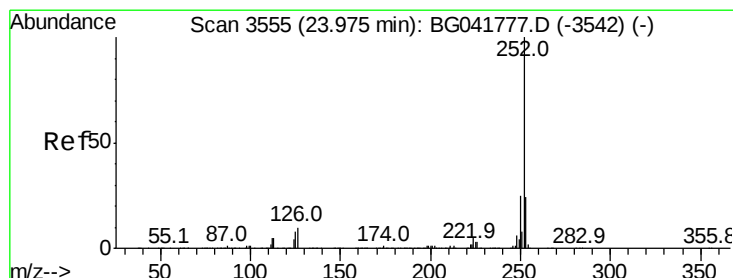
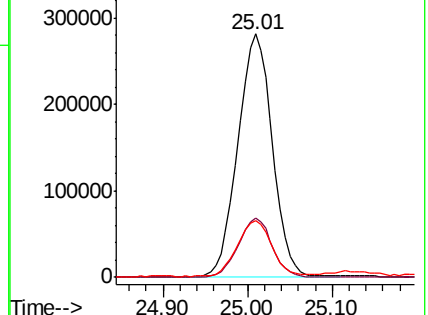
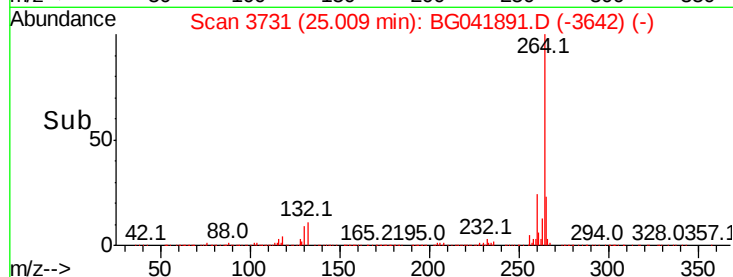
265 23.4 18.0 27.0



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: 58.964 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

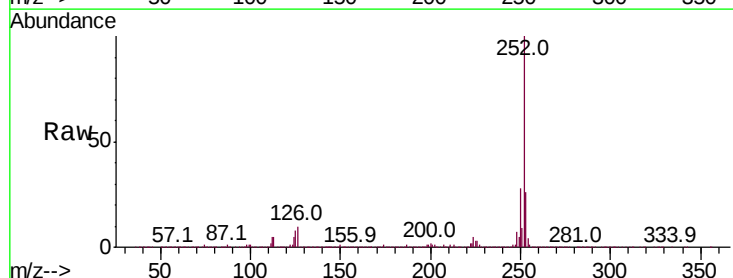
Tgt Ion:252 Resp: 2558081

Ion Ratio Lower Upper

252 100

253 26.1 20.6 30.8

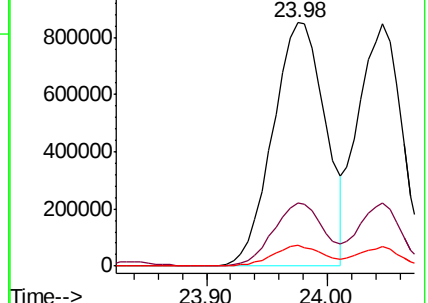
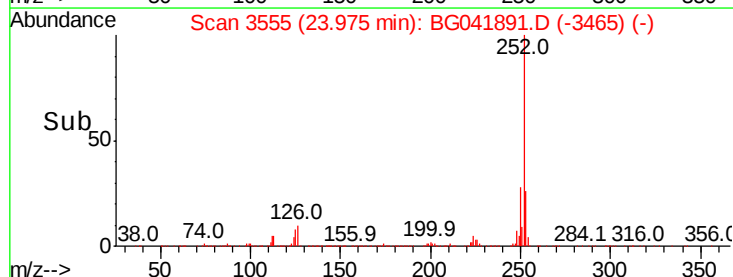
125 8.4 8.0 12.0

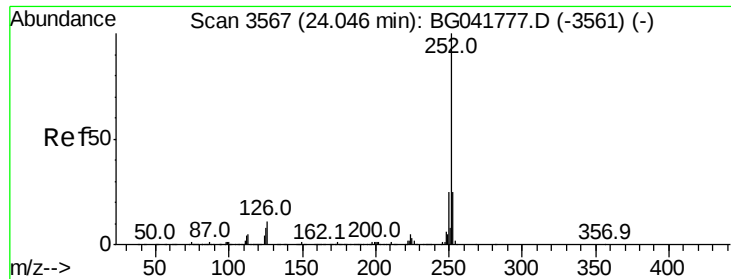


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.345 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMASD

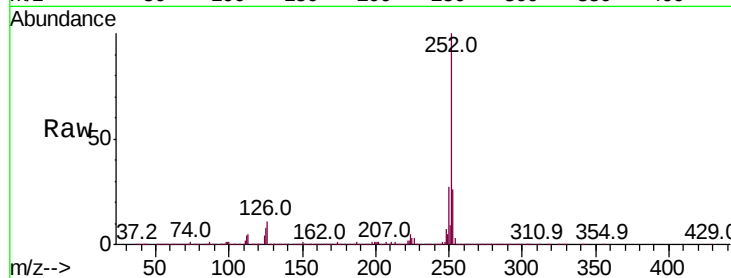
Tot Ion:252 Resp: 2127550

Ion Ratio Lower Upper

252 100

253 26.1 20.5 30.7

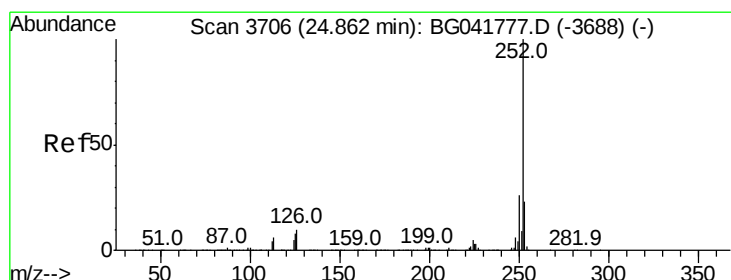
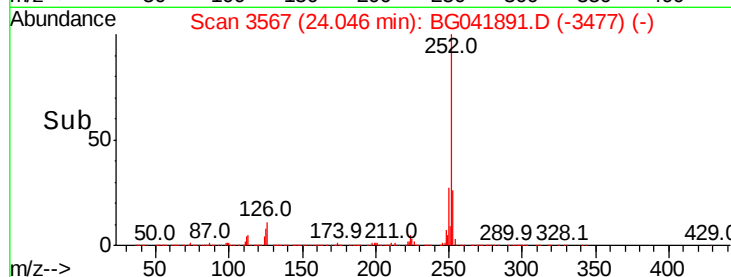
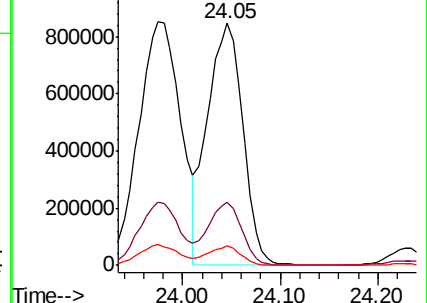
125 8.1 8.4 12.6#



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



#90

Benzo(a)pyrene

Concen: 58.080 ng m

RT: 24.87 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

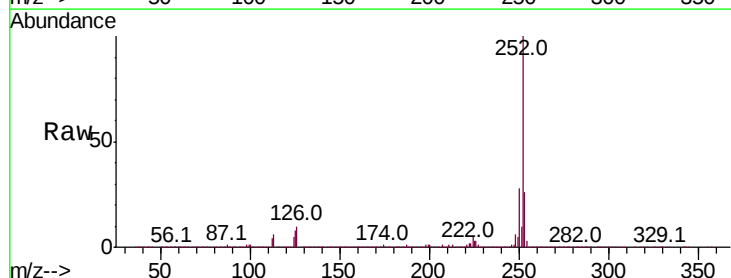
Tgt Ion:252 Resp: 2416606

Ion Ratio Lower Upper

252 100

253 25.6 19.8 29.8

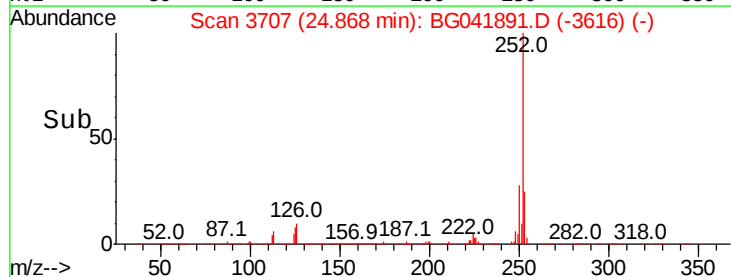
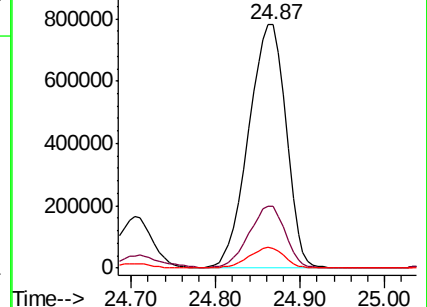
125 8.3 8.8 13.2#

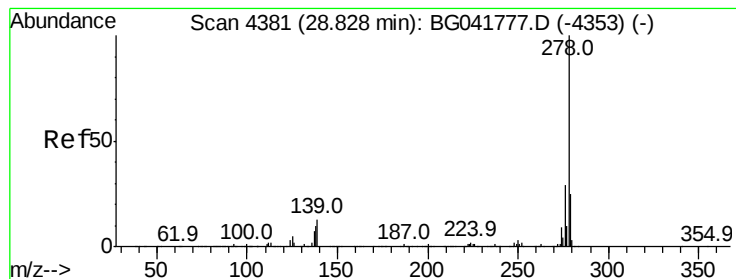


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.647 ng/mL

RT: 28.82 min Scan# 4380

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA_G

ClientSampleId :

1S-M-(0-30)-COMPMSP

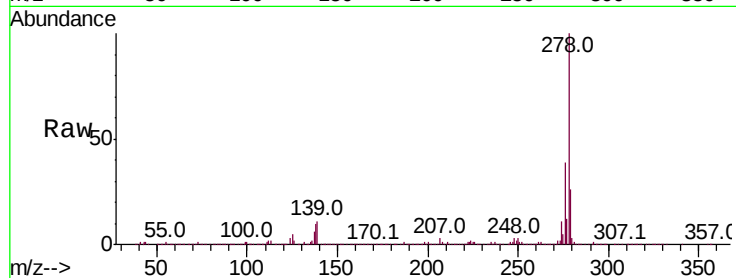
Tot Ion:278 Resp: 1905752

Ion Ratio Lower Upper

278 100

139 11.1 12.6 19.0#

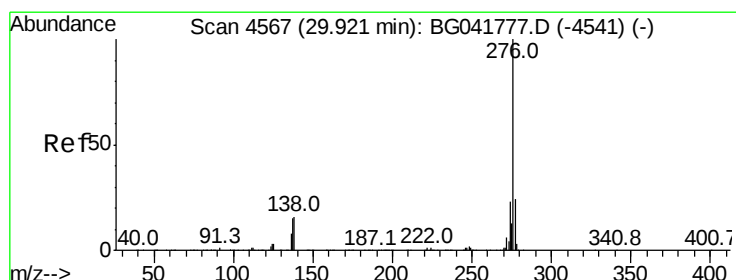
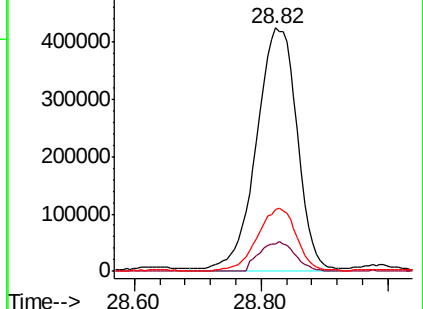
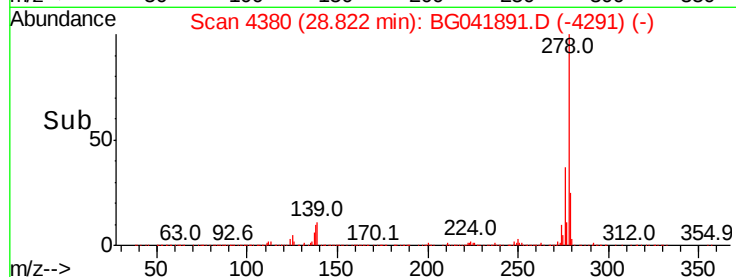
279 25.6 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.635 ng/mL

RT: 29.93 min Scan# 4569

Delta R.T. 0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

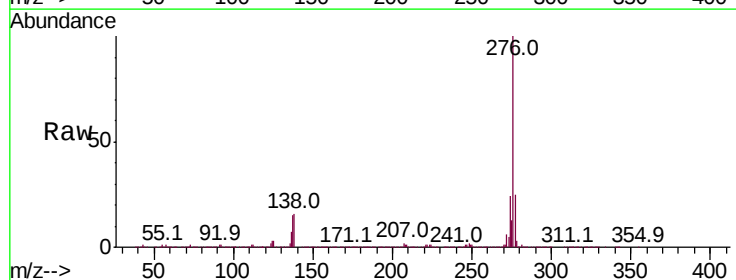
Tgt Ion:276 Resp: 2189250

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.8

138 15.6 16.6 25.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

