

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045835.D
 Acq On : 23 Jun 2020 11:36
 Operator : CG/JU
 Sample : L3033-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW100-200615

Quant Time: Jun 23 12:32:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	53246	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	212971	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	147255	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	319822	20.00	ng	0.00
76) Chrysene-d12	21.57	240	316802	20.00	ng	0.00
86) Perylene-d12	24.70	264	335828	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	134391	42.64	ng	-0.01
7) Phenol-d6	7.14	99	120469	25.13	ng	-0.02
23) Nitrobenzene-d5	9.08	82	359480	77.11	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	273213	122.89	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	852346	85.06	ng	0.00
79) Terphenyl-d14	19.94	244	1383188	88.48	ng	0.00

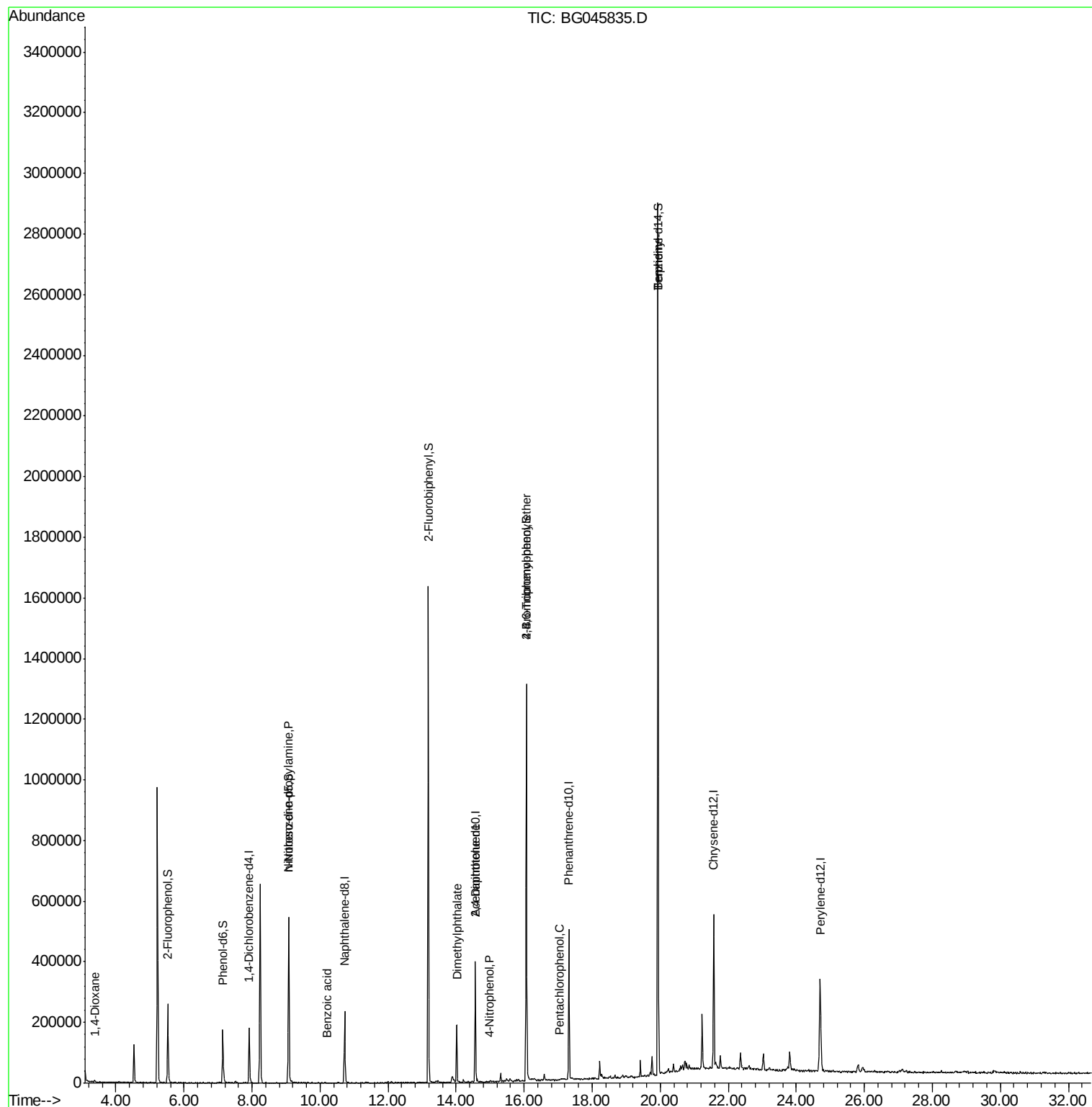
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	3812	2.640	ng	91
19) n-Nitroso-di-n-propylamine	9.08	70	51428	16.315	ng	# 84
32) Benzoic acid	10.22	122	57	9.000	ng	# 1
50) Dimethylphthalate	14.02	163	133550	11.577	ng	99
56) 4-Nitrophenol	14.97	139	211	4.081	ng	# 1
57) 2,4-Dinitrotoluene	14.57	165	19440	5.237	ng	# 24
67) 4-Bromophenyl-phenylether	16.06	248	18252	4.392	ng	# 1
70) Pentachlorophenol	17.03	266	53	7.655	ng	# 17
77) Benzidine	19.94	184	25798	3.132	ng	# 87

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

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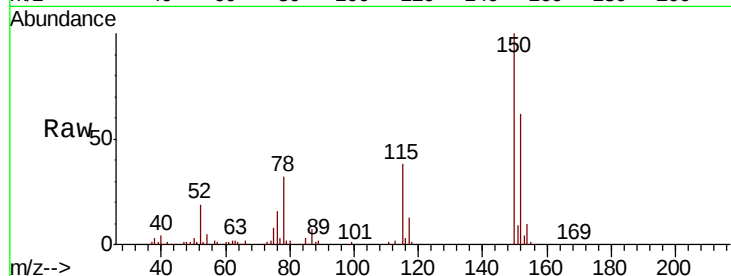


#1

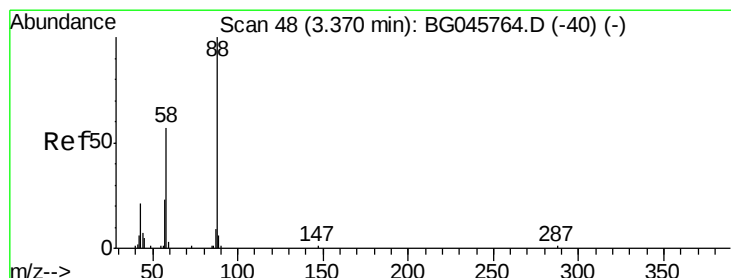
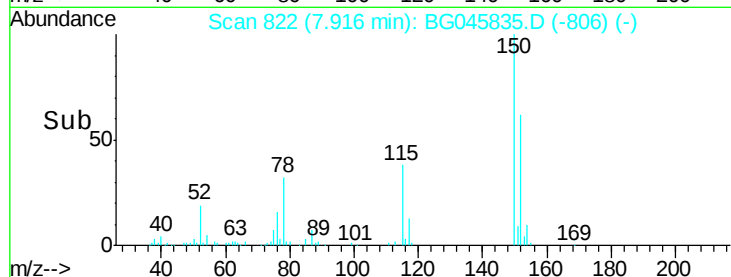
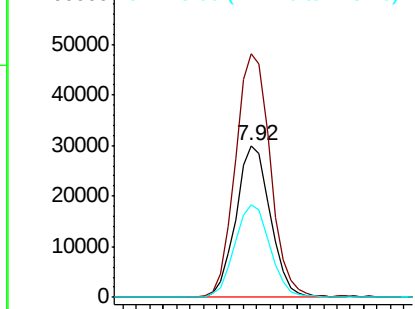
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

Instrument :
BNA_G
ClientSampleId :
SS043MW100-200615

Tot Ion:152 Resp: 53246
Ion Ratio Lower Upper
152 100
150 160.2 113.1 169.7
115 61.3 43.8 65.6



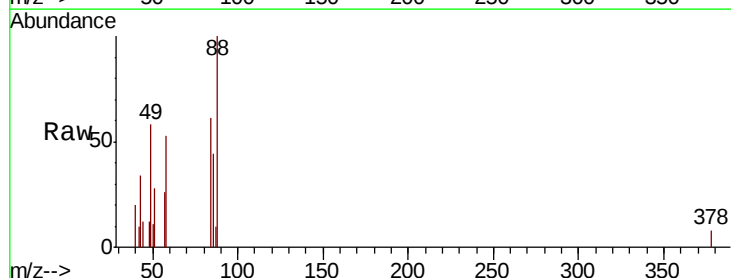
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



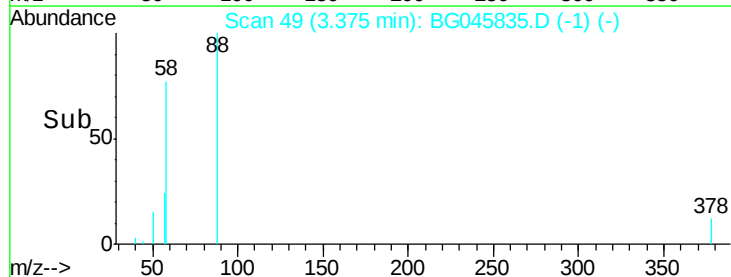
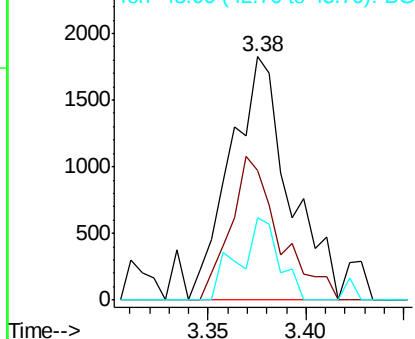
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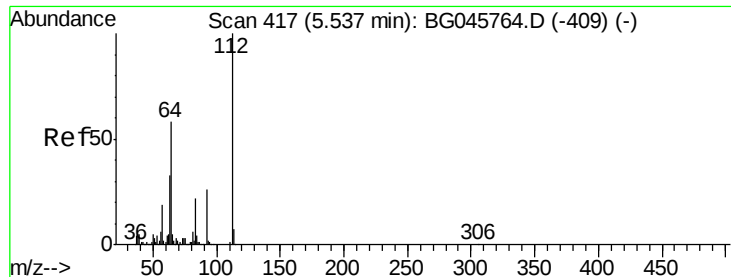
1,4-Dioxane
Concen: 2.640 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

Tgt Ion: 88 Resp: 3812
Ion Ratio Lower Upper
88 100
58 49.0 46.1 69.1
43 23.2 19.2 28.8



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





#5

2-Fluorophenol

Concen: 42.636 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

Instrument :

BNA_G

ClientSampleId :

SS043MW100-200615

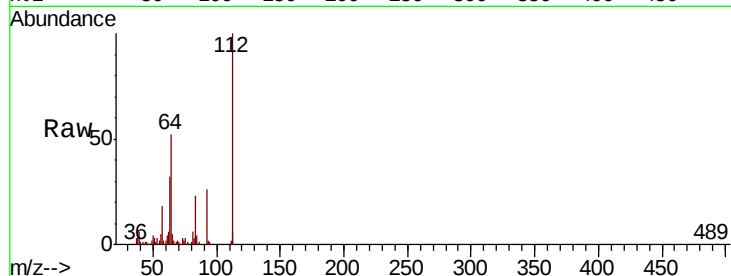
Tot Ion:112 Resp: 134391

Ion Ratio Lower Upper

112 100

64 52.3 46.6 69.8

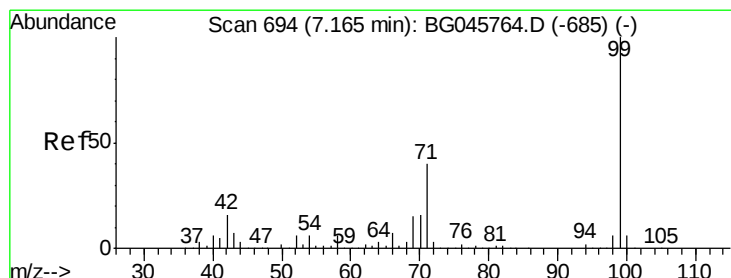
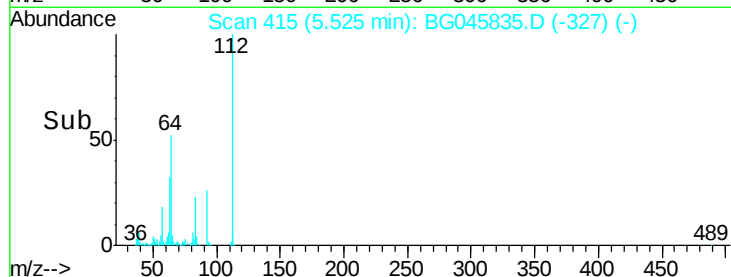
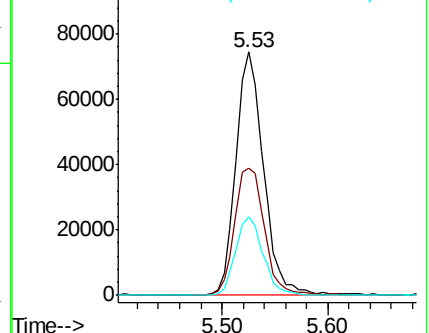
63 32.3 26.3 39.5



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



#7

Phenol-d6

Concen: 25.126 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

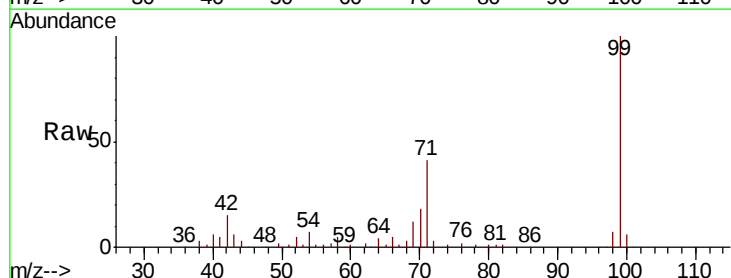
Tgt Ion: 99 Resp: 120469

Ion Ratio Lower Upper

99 100

42 14.5 12.4 18.6

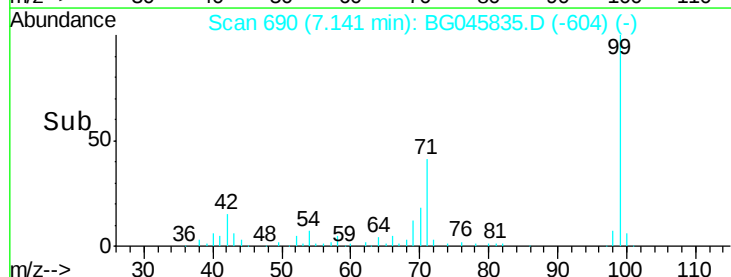
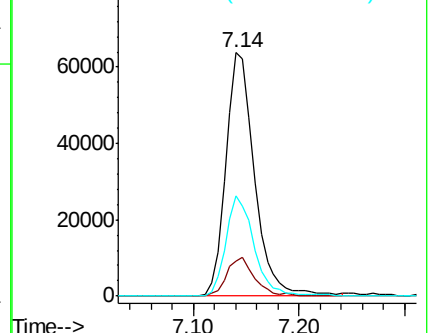
71 41.2 32.1 48.1

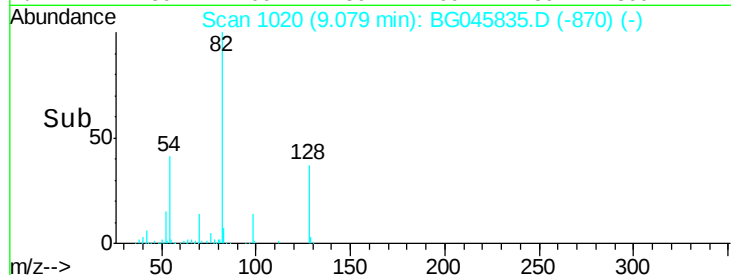
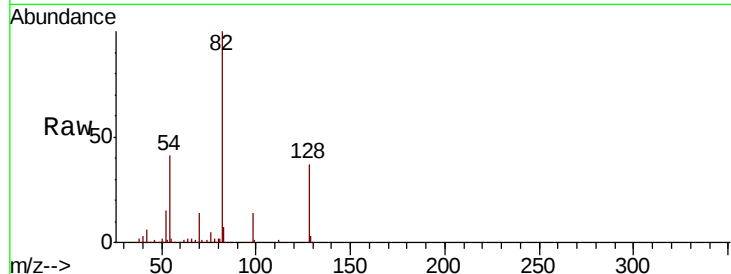
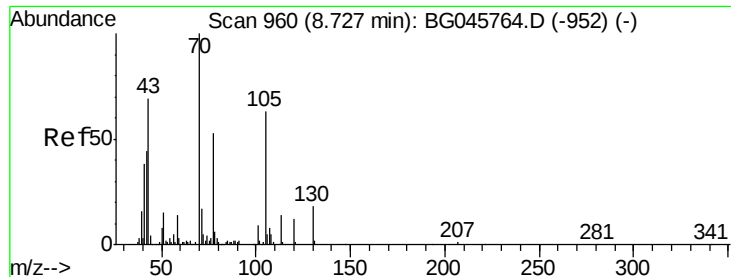


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

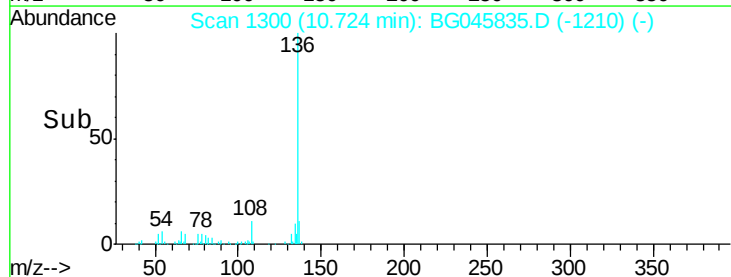
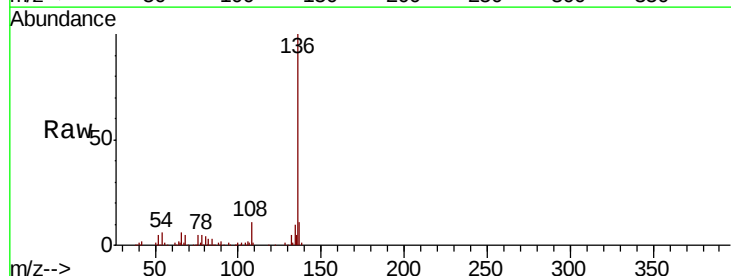
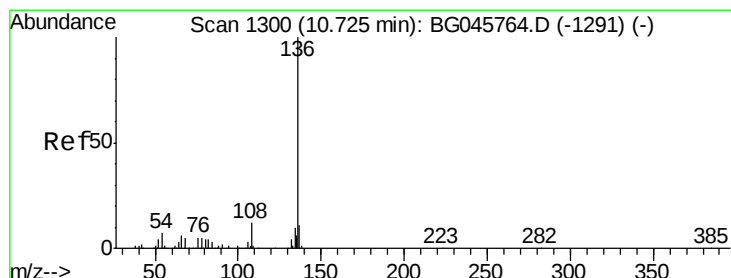
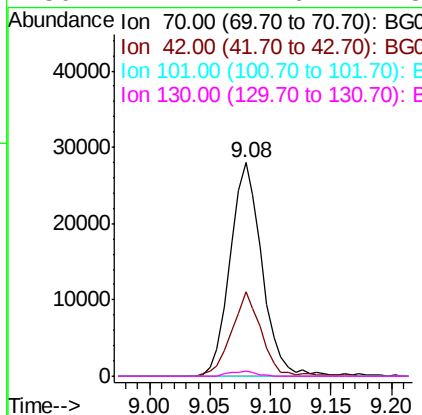




#19
n-Nitroso-di-n-propylamine
Concen: 16.315 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

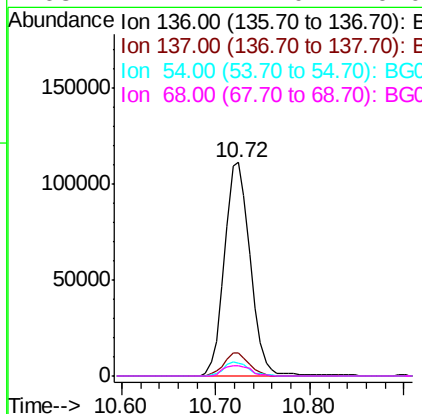
Instrument :
BNA_G
ClientSampleId :
SS043MW100-200615

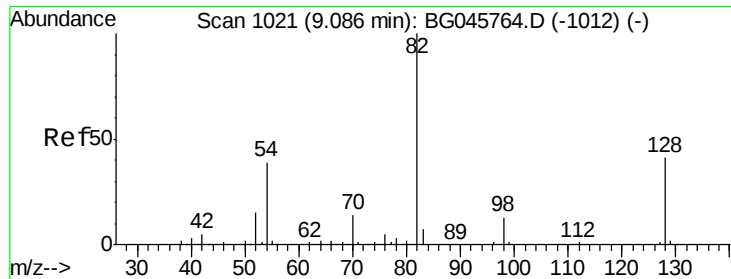
Tot Ion: 70 Resp: 51428
Ion Ratio Lower Upper
70 100
42 39.7 35.1 52.7
101 0.0 7.4 11.0#
130 2.2 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

Tgt Ion:136 Resp: 212971
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.1 5.8 8.6
68 4.7 4.0 6.0

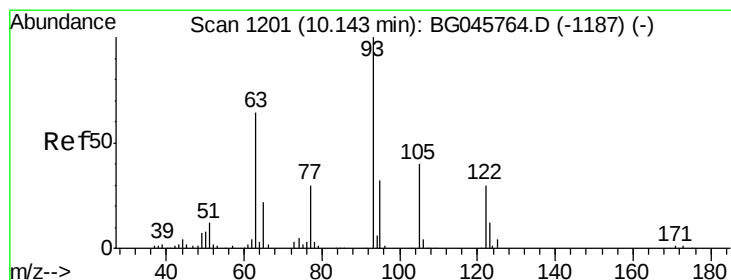
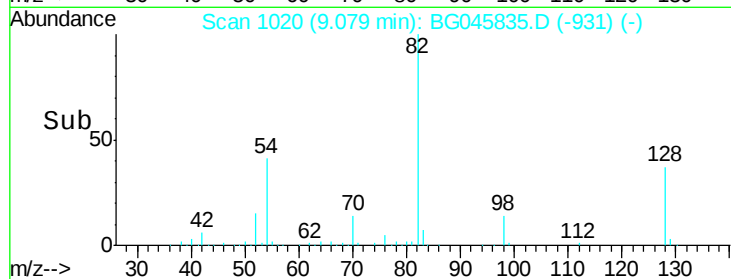
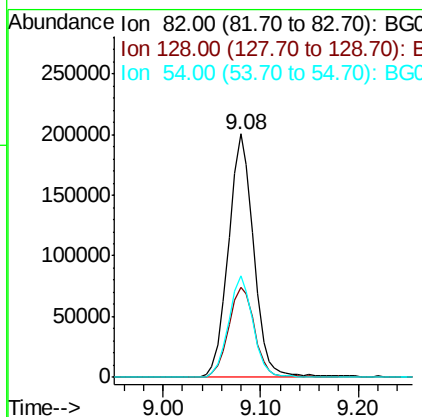
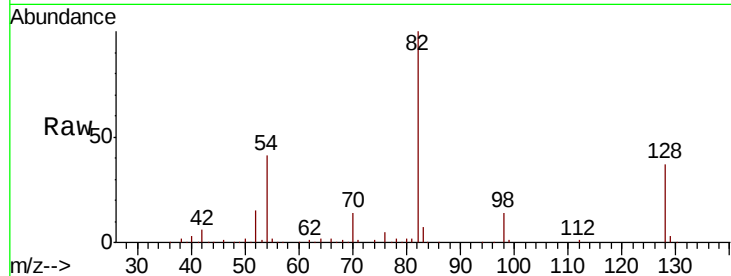




#23
Nitrobenzene-d5
Concen: 77.110 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

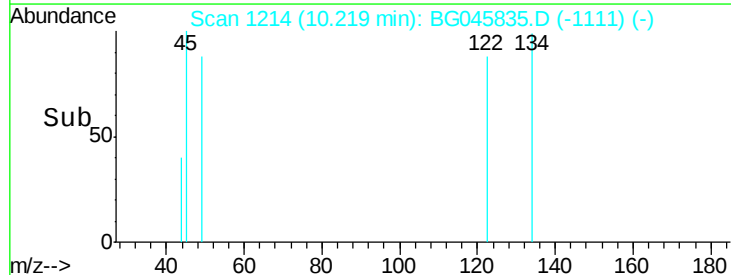
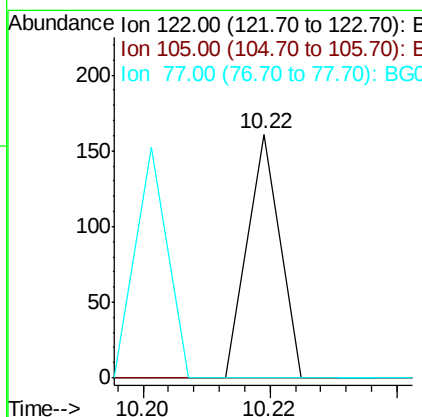
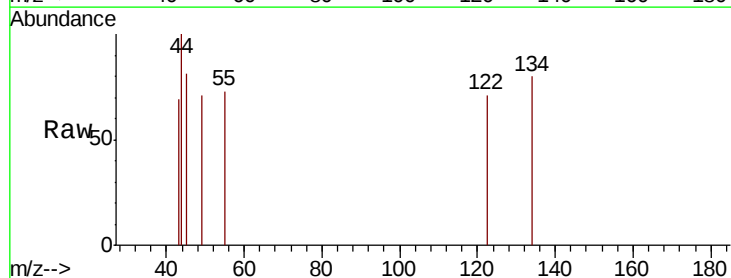
Instrument :
BNA_G
ClientSampleId :
SS043MW100-200615

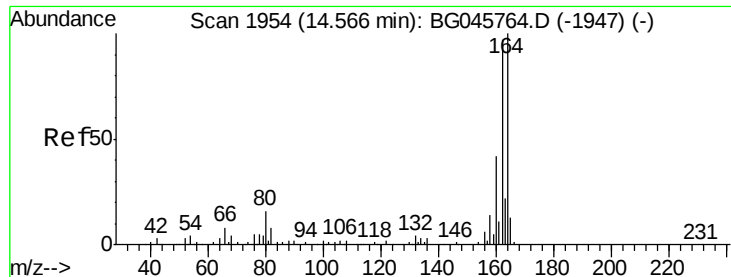
Tot Ion	82.00	Resp	359480
Ion Ratio	Lower	Upper	
82	100		
128	37.1	32.5	48.7
54	41.4	31.2	46.8



#32
Benzoic acid
Concen: 9.000 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.08 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

Tgt Ion	122.00	Resp	57
Ion Ratio	Lower	Upper	
122	100		
105	0.0	112.9	152.9#
77	0.0	79.2	119.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

Instrument :

BNA_G

ClientSampleId :

SS043MW100-200615

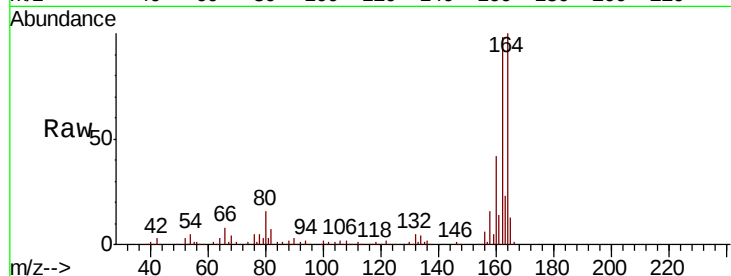
Tot Ion:164 Resp: 147255

Ion Ratio Lower Upper

164 100

162 97.6 77.4 116.0

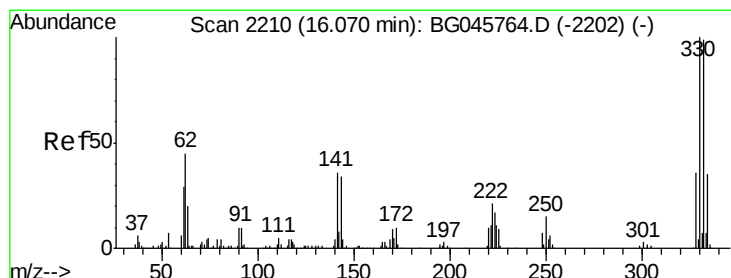
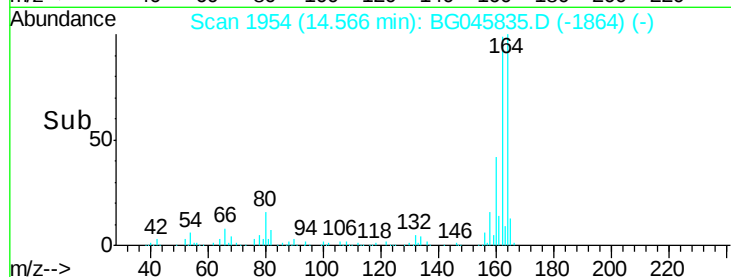
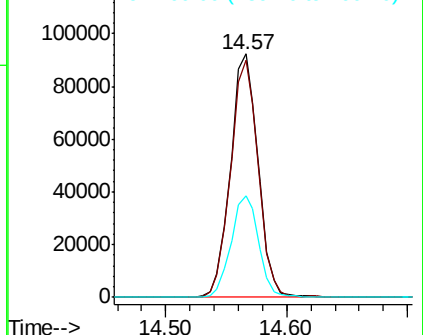
160 41.7 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 122.894 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

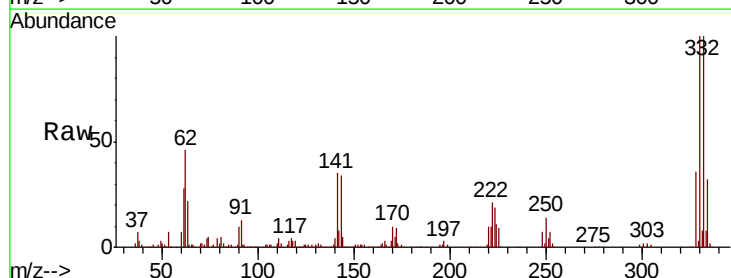
Tgt Ion:330 Resp: 273213

Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

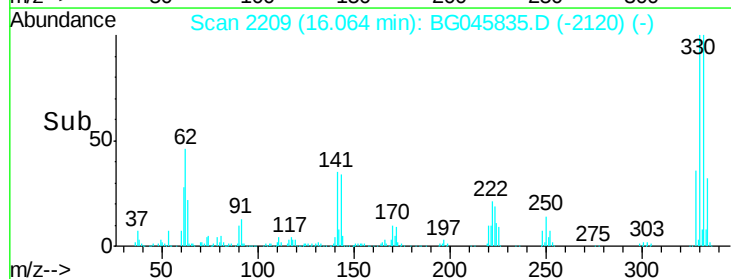
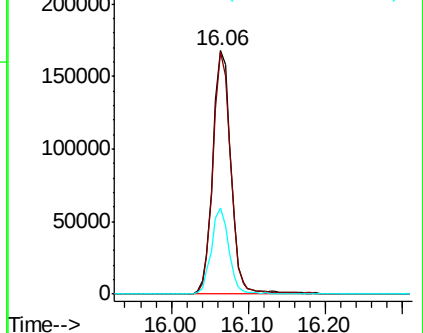
141 33.9 28.2 42.4

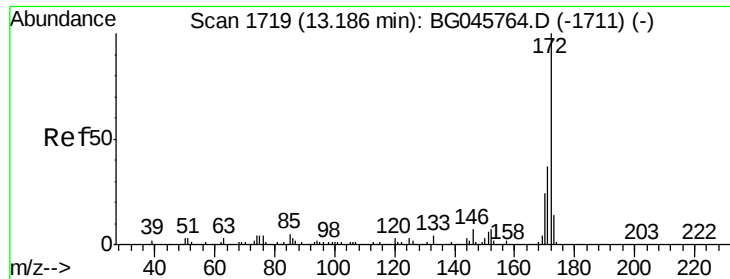


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

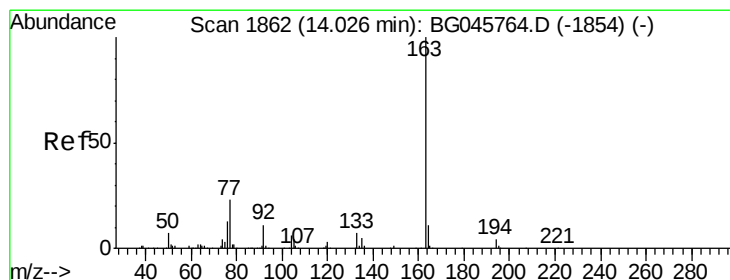
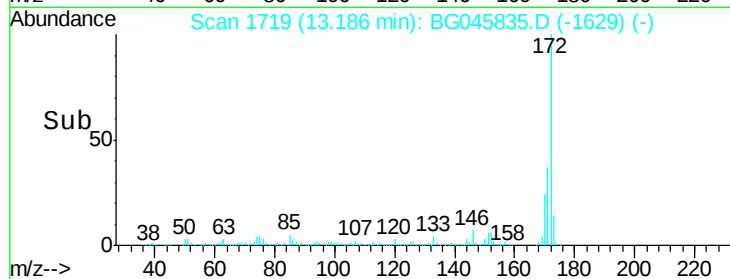
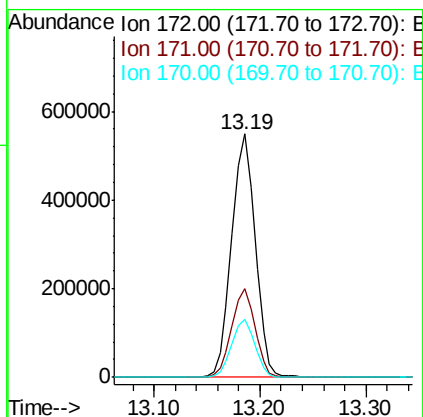
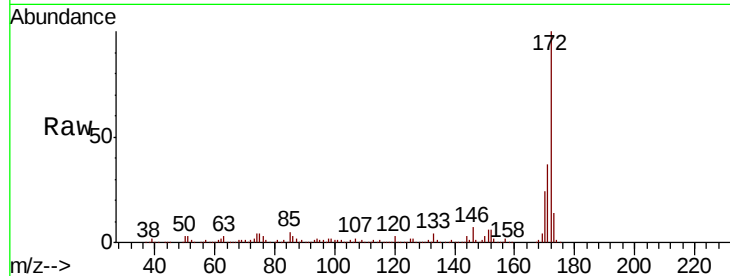




#45
2-Fluorobiphenyl
Concen: 85.061 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

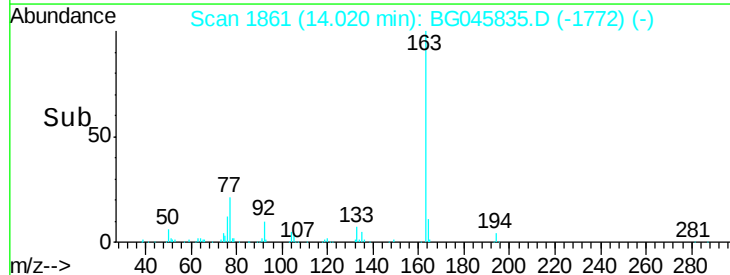
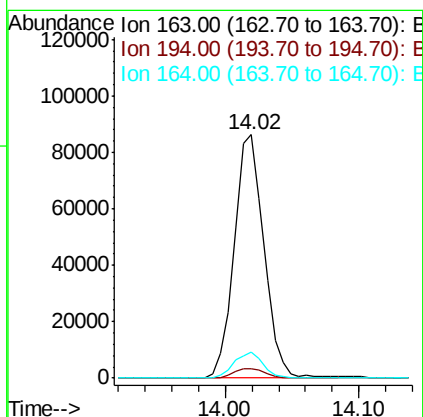
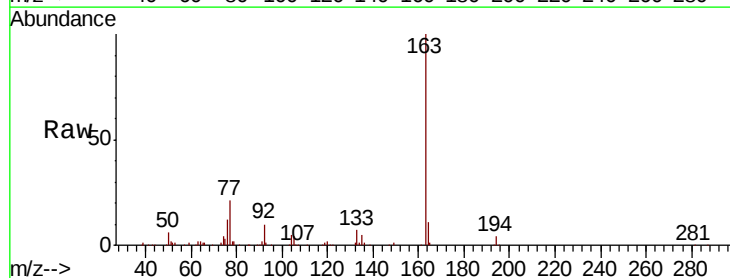
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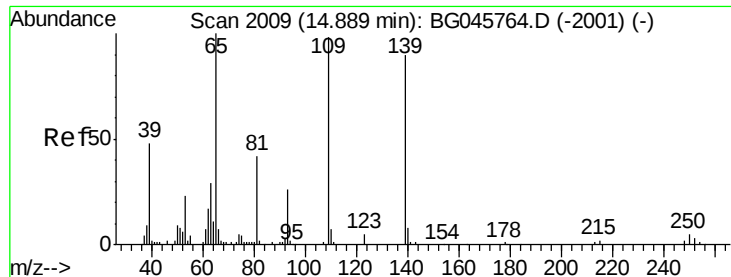
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	24.0	19.3	28.9



#50
Dimethylphthalate
Concen: 11.577 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.6	8.9	13.3





#56

4-Nitrophenol

Concen: 4.081 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.08 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

Instrument :

BNA_G

ClientSampleId :

SS043MW100-200615

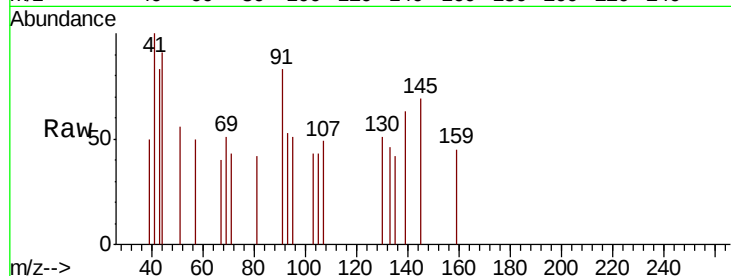
Tot Ion:139 Resp: 211

Ion Ratio Lower Upper

139 100

109 0.0 88.9 128.9#

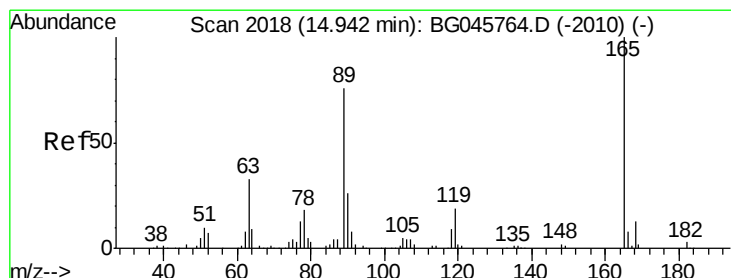
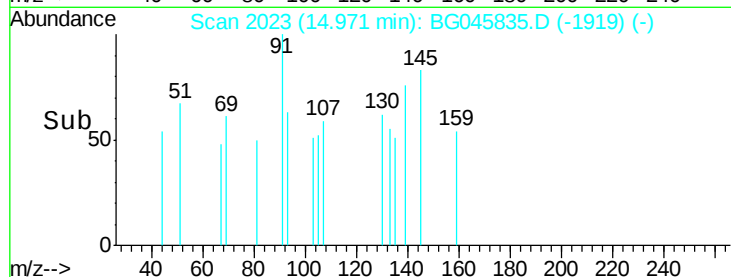
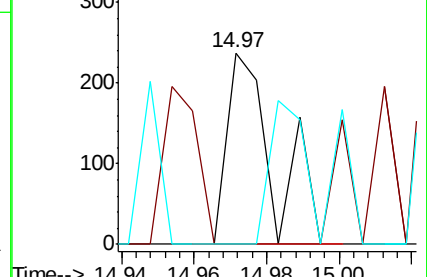
65 0.0 92.3 132.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.237 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.38 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

Tgt Ion:165 Resp: 19440

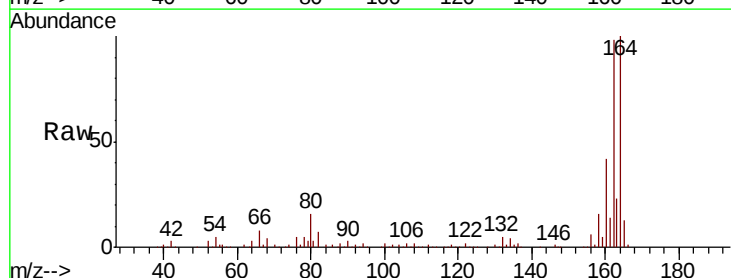
Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.8#

89 3.0 60.4 90.6#

182 0.0 2.6 3.8#

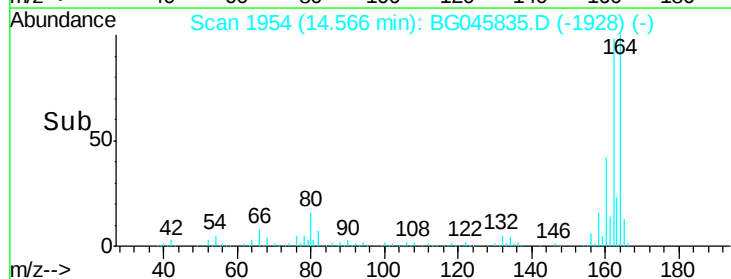
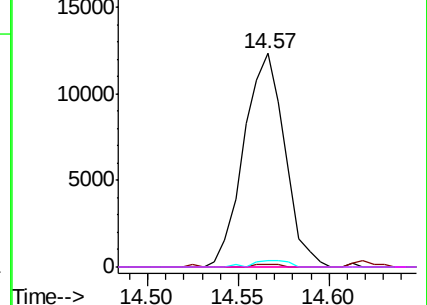


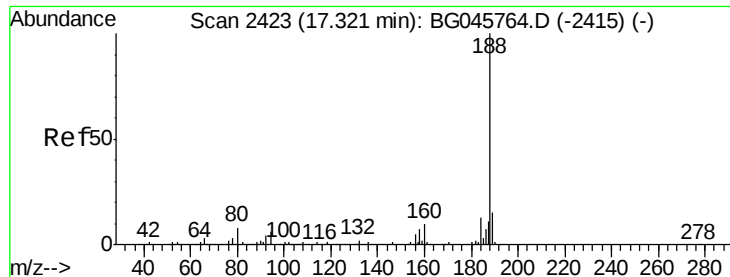
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

Instrument :

BNA_G

ClientSampleId :

SS043MW100-200615

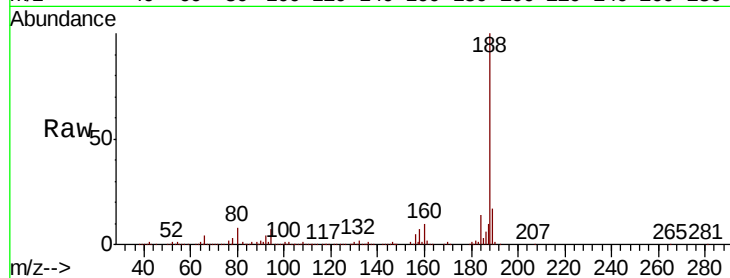
Tot Ion:188 Resp: 319822

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

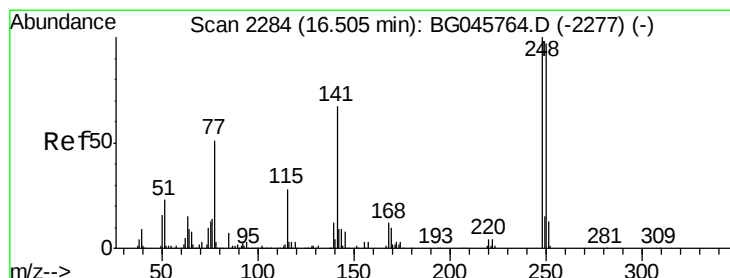
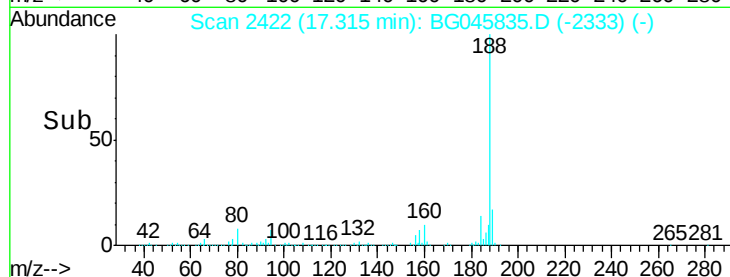
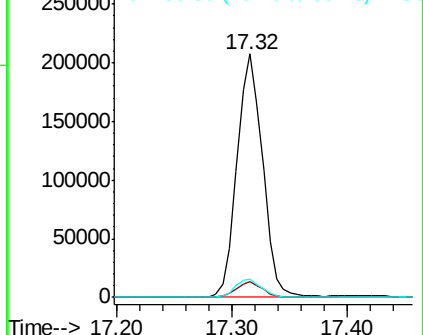
80 7.7 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 4.392 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.44 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

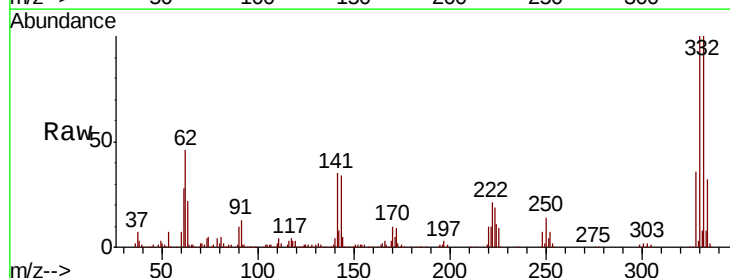
Tgt Ion:248 Resp: 18252

Ion Ratio Lower Upper

248 100

250 196.7 78.0 117.0#

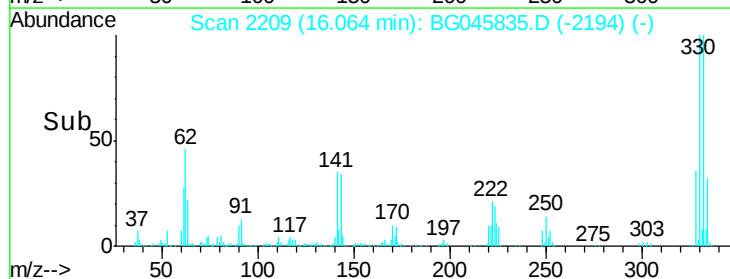
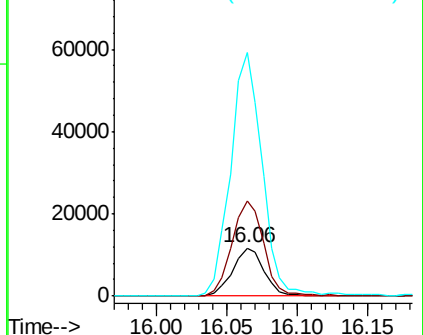
141 506.5 53.9 80.9#

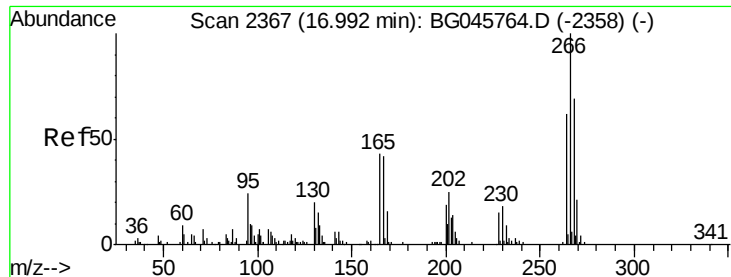


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Pentachlorophenol

Concen: 7.655 ng

RT: 17.03 min Scan# 2373

Delta R.T. 0.04 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

Instrument :

BNA_G

ClientSampleId :

SS043MW100-200615

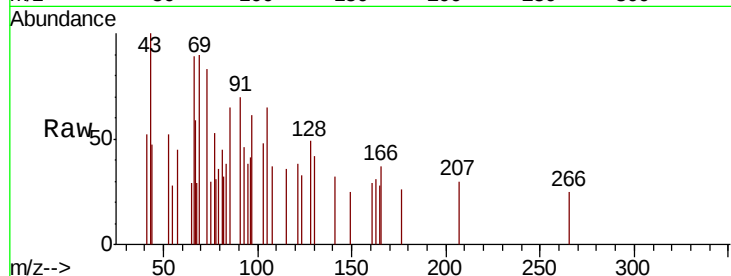
Tot Ion:266 Resp: 53

Ion Ratio Lower Upper

266 100

268 0.0 55.4 83.0#

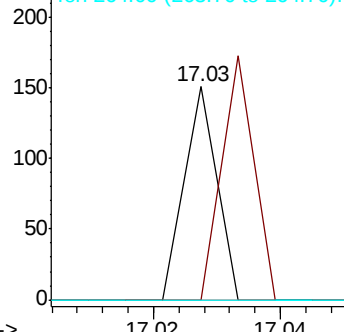
264 0.0 49.8 74.6#



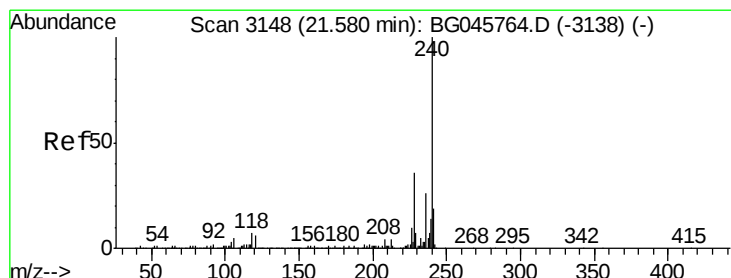
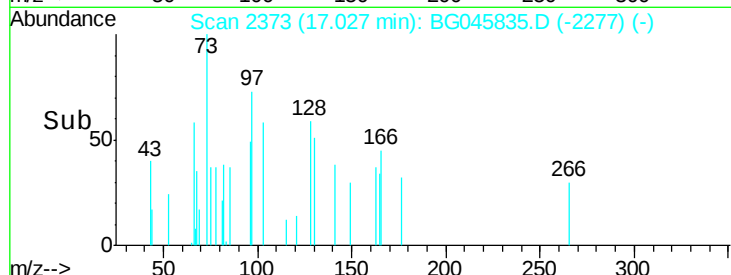
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

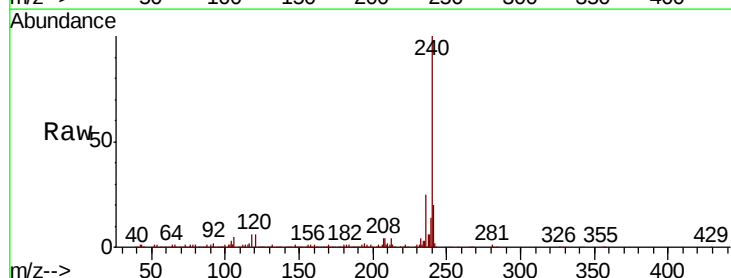
Tgt Ion:240 Resp: 316802

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.4

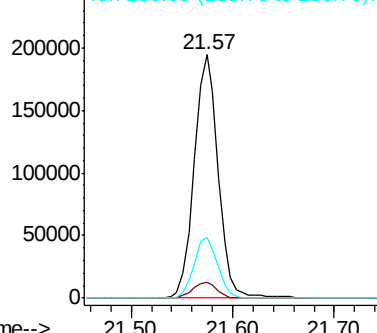
236 24.6 20.6 30.8



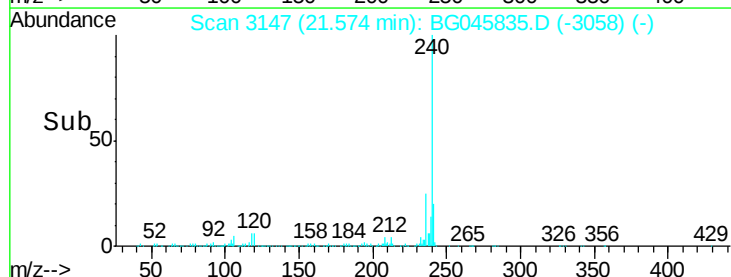
Abundance Ion 240.00 (239.70 to 240.70): E

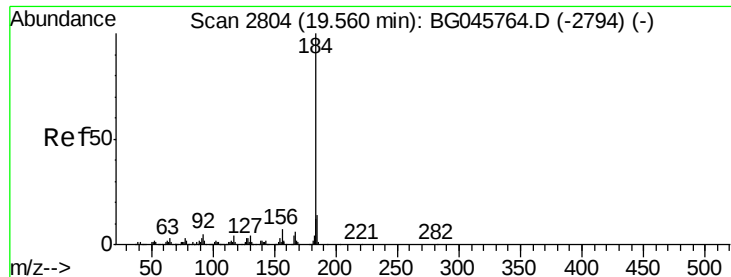
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 3.132 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

Instrument :

BNA_G

ClientSampleId :

SS043MW100-200615

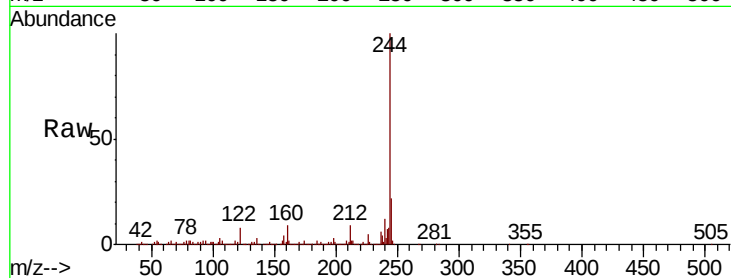
Tot Ion:184 Resp: 25798

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

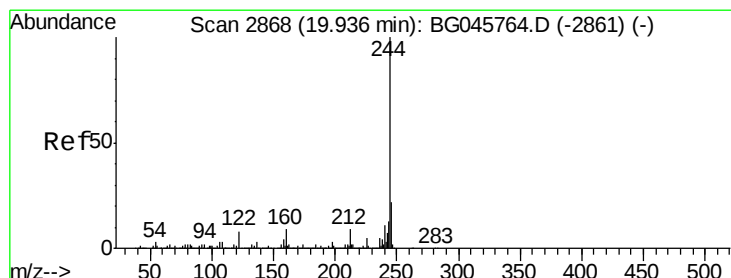
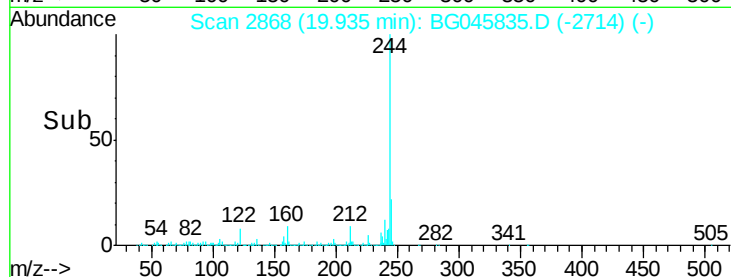
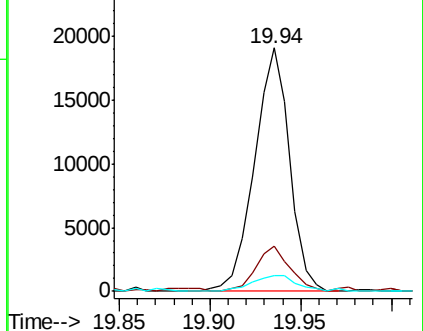
183 6.4 9.7 14.5#



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



#79

Terphenyl-d14

Concen: 88.483 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045835.D

Acq: 23 Jun 2020 11:36

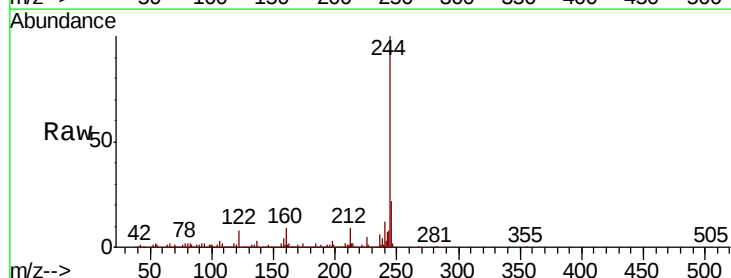
Tgt Ion:244 Resp: 1383188

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

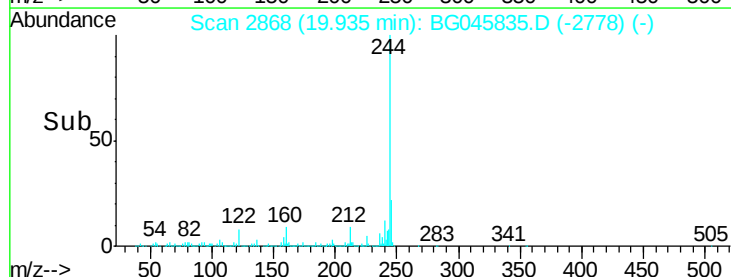
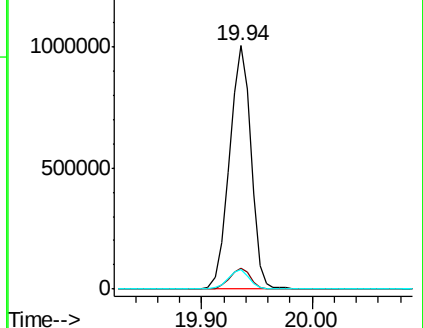
122 8.1 6.4 9.6

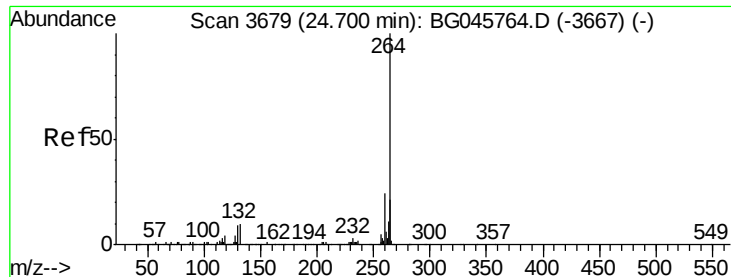


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG045835.D
Acq: 23 Jun 2020 11:36

Instrument :
BNA_G
ClientSampleId :
SS043MW100-200615

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.4
265	22.0	17.4	26.0

