

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043686.D
 Acq On : 18 Nov 2019 23:30
 Operator : JU
 Sample : K5848-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 01:41:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

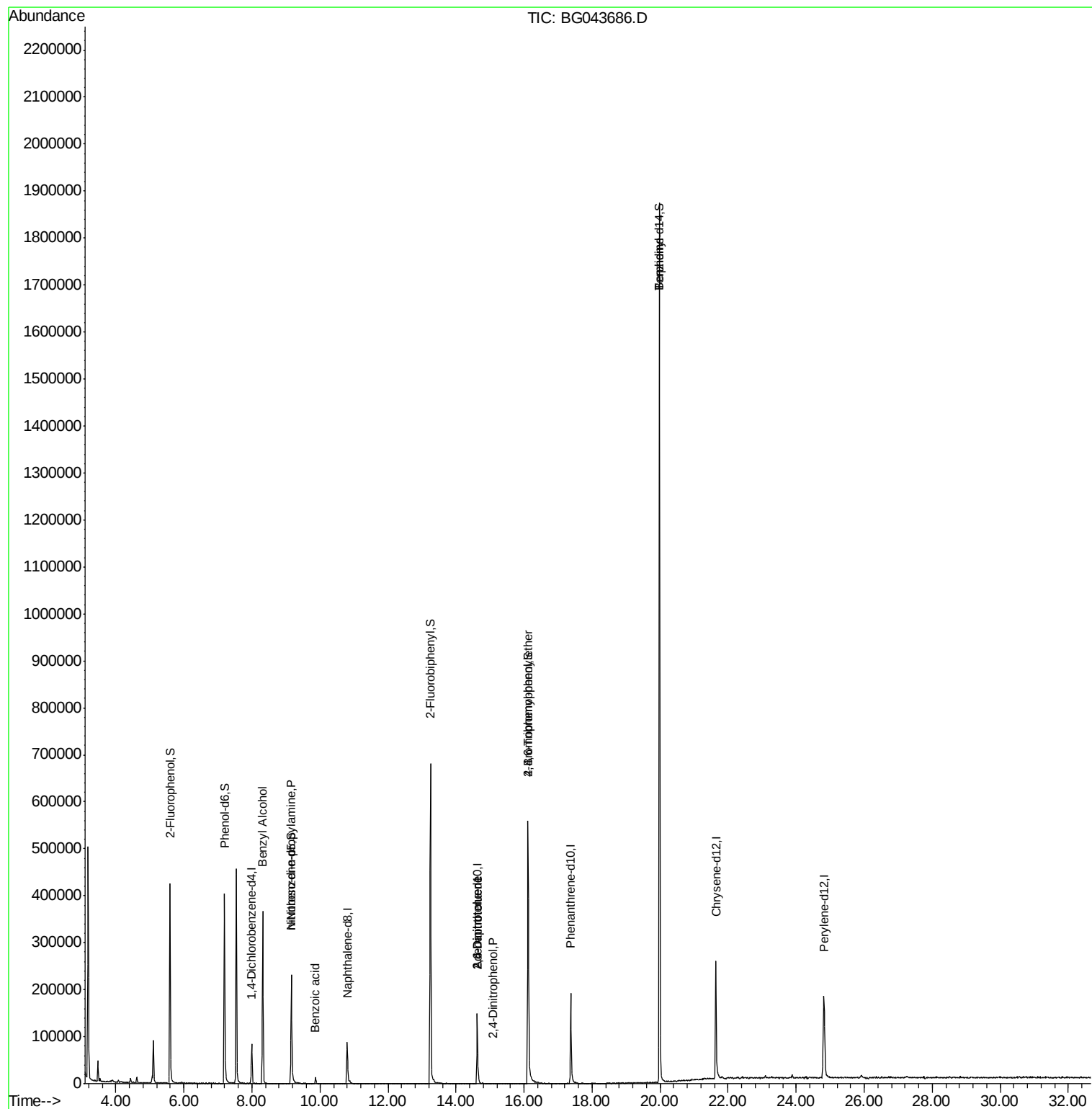
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26644	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	93389	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	63794	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	162241	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	193726	20.00	ng	-0.02
87) Perylene-d12	24.82	264	219233	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	196820	135.36	ng	0.00
7) Phenol-d6	7.19	99	252232	120.57	ng	0.00
23) Nitrobenzene-d5	9.16	82	162195	89.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.11	330	155324	127.94	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	423703	91.78	ng	-0.02
79) Terphenyl-d14	19.98	244	1009382	97.75	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.32	79	3367	2.292	ng	# 63
19) n-Nitroso-di-n-propylamine	9.16	70	22282	16.483	ng	# 84
32) Benzoic acid	9.86	122	900	9.850	ng	# 8
51) 2,6-Dinitrotoluene	14.63	165	8835	8.230	ng	# 22
54) 2,4-Dinitrophenol	15.09	184	62	7.367	ng	# 17
57) 2,4-Dinitrotoluene	14.63	165	8835	5.759	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	10115	4.633	ng	# 1
77) Benzidine	19.98	184	13994	3.589	ng	# 91

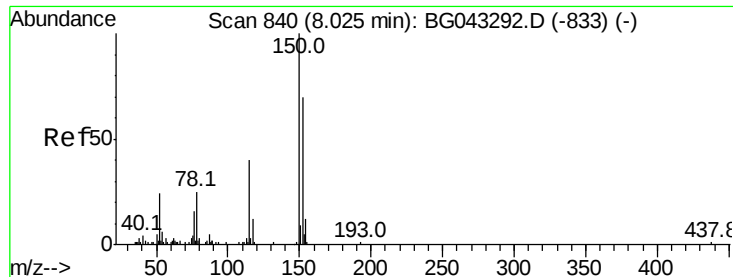
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
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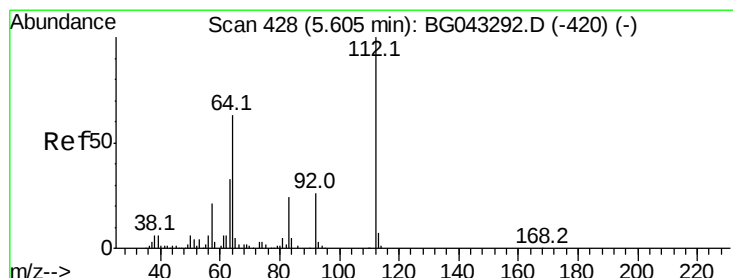
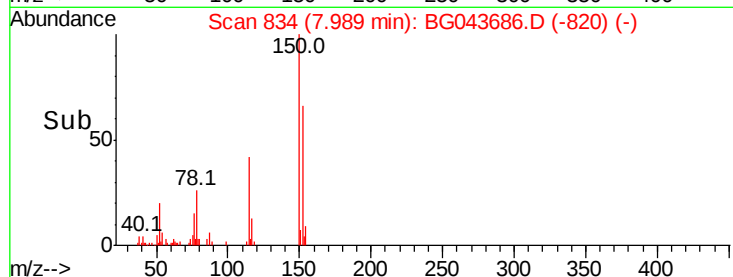
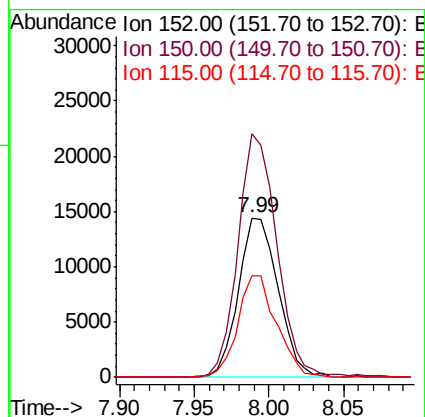
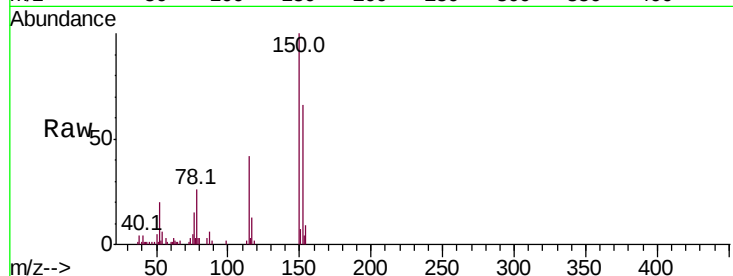


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Instrument :
BNA_G
ClientSampleId :

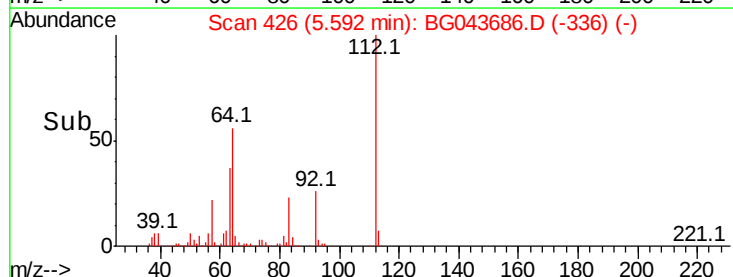
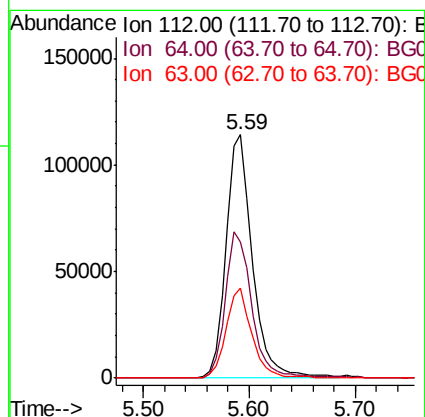
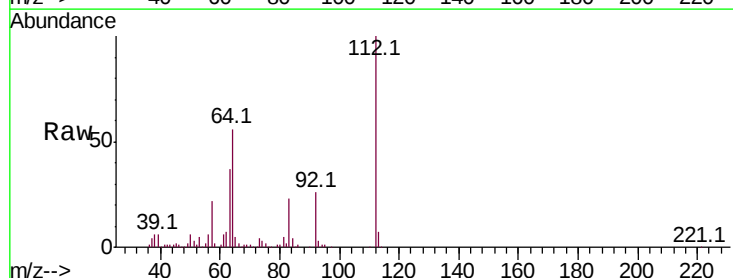
Tot Ion:152 Resp: 26644
Ion Ratio Lower Upper
152 100
150 152.4 129.4 194.0
115 63.9 48.8 73.2

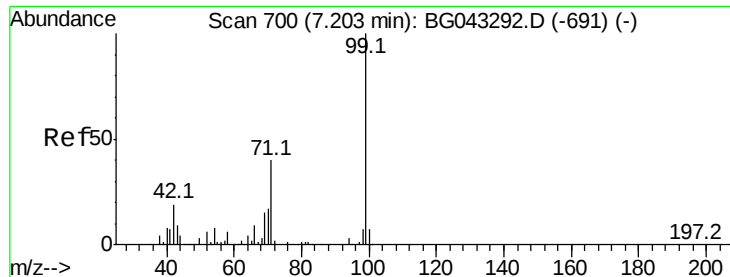


#5

2-Fluorophenol
Concen: 135.363 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Tgt Ion:112 Resp: 196820
Ion Ratio Lower Upper
112 100
64 56.1 50.0 75.0
63 36.8 26.6 40.0





#7

Phenol-d6

Concen: 120.571 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Instrument :

BNA_G

ClientSampleId :

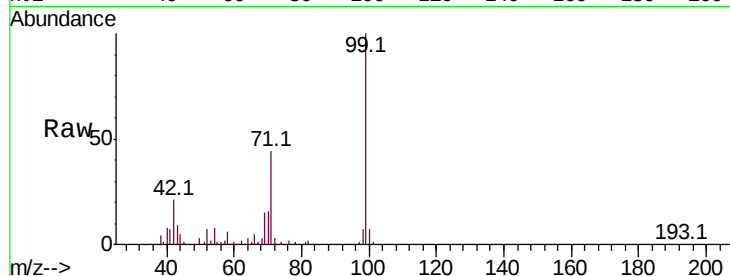
Tot Ion: 99 Resp: 252232

Ion Ratio Lower Upper

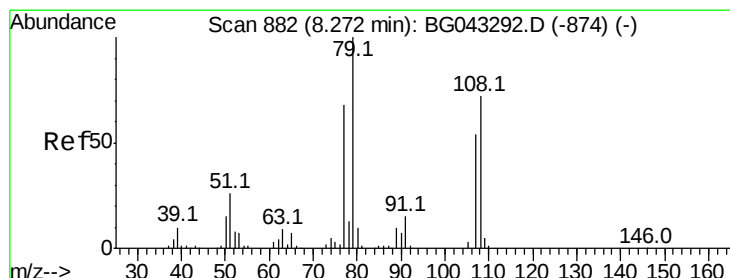
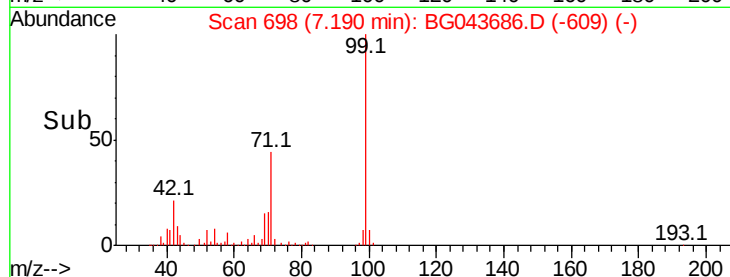
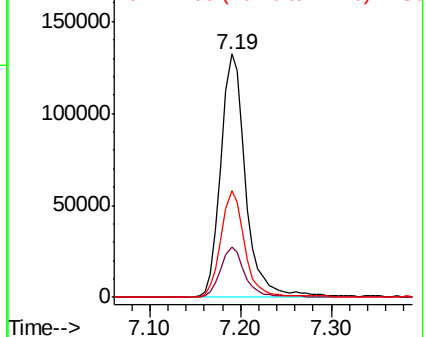
99 100

42 20.6 14.6 21.8

71 43.9 32.5 48.7



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



#15

Benzyl Alcohol

Concen: 2.292 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.06 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

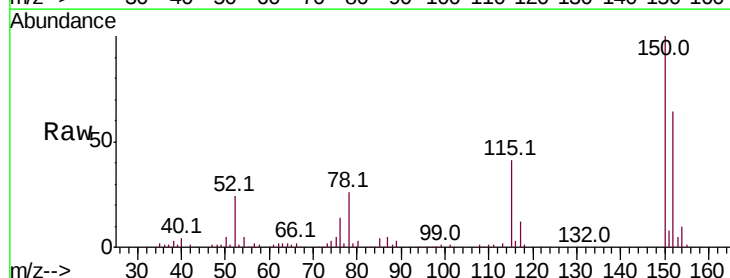
Tgt Ion: 79 Resp: 3367

Ion Ratio Lower Upper

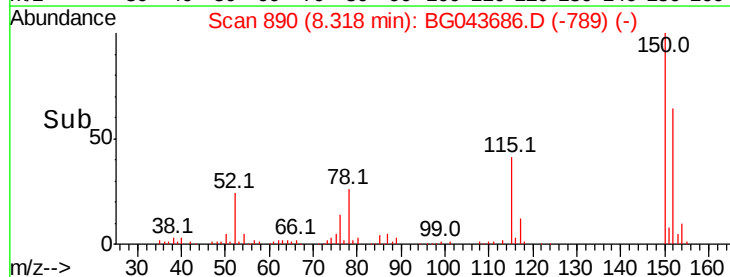
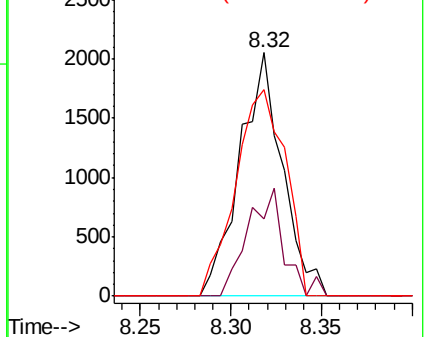
79 100

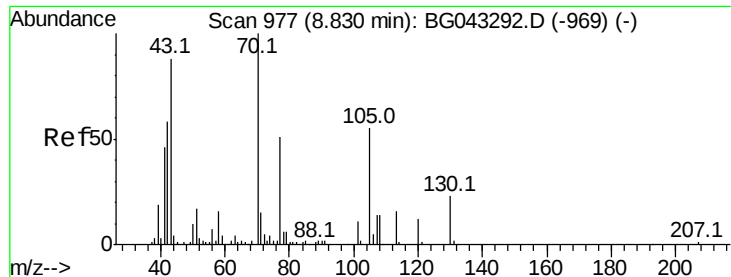
108 31.5 53.6 80.4#

77 84.6 49.6 74.4#



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

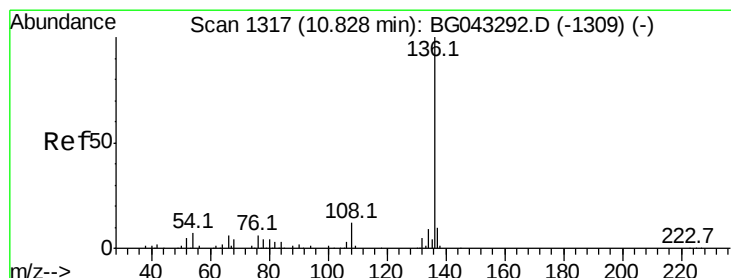
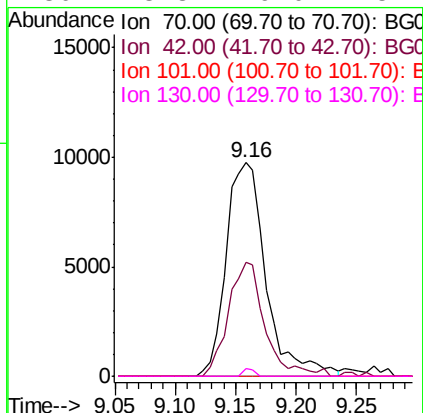
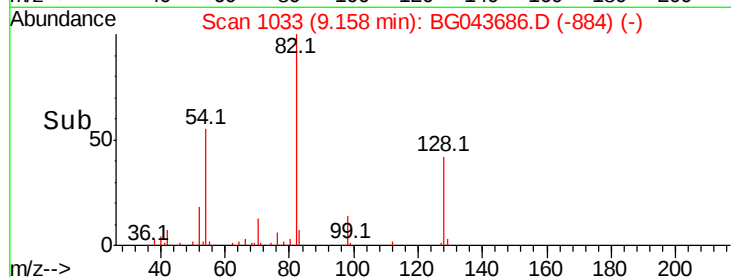
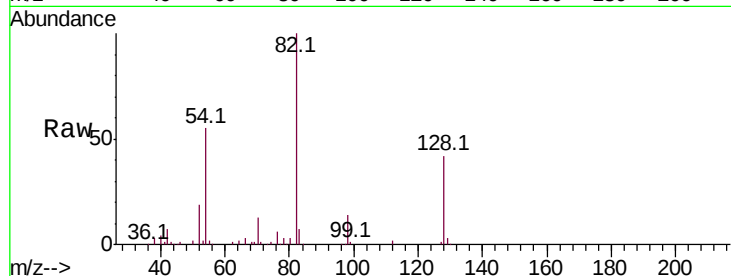




#19
n-Nitroso-di-n-propylamine
Concen: 16.483 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

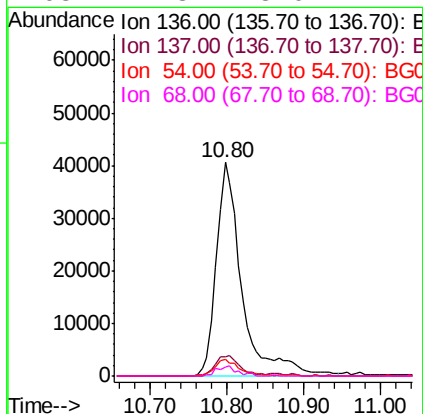
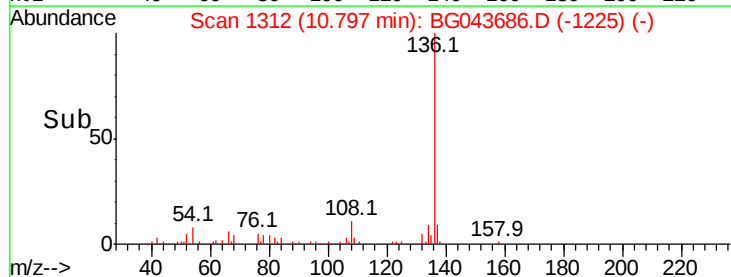
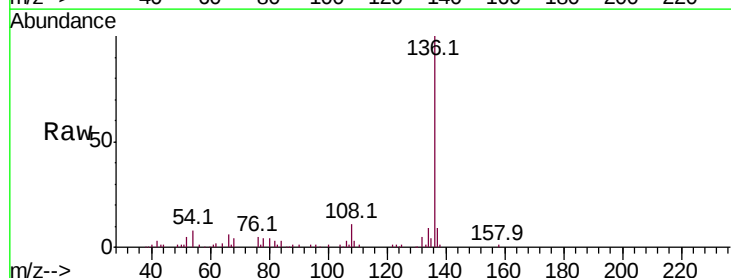
Instrument :
BNA_G
ClientSampled :

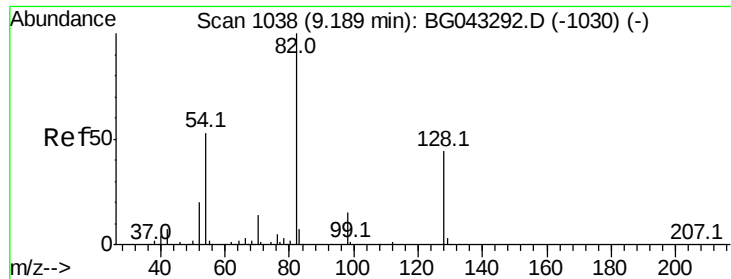
Tot Ion: 70 Resp: 22282
Ion Ratio Lower Upper
70 100
42 53.1 41.4 62.2
101 0.0 7.9 11.9#
130 3.3 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Tgt Ion:136 Resp: 93389
Ion Ratio Lower Upper
136 100
137 9.0 8.7 13.1
54 7.6 5.4 8.2
68 4.3 3.0 4.4

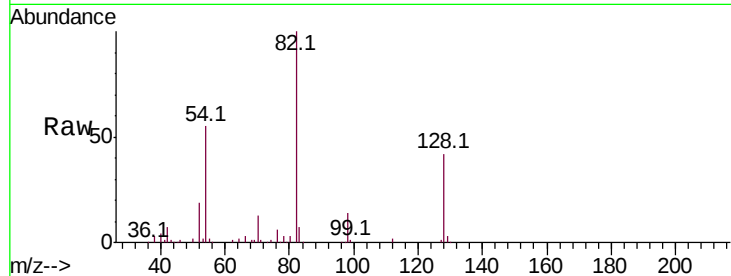




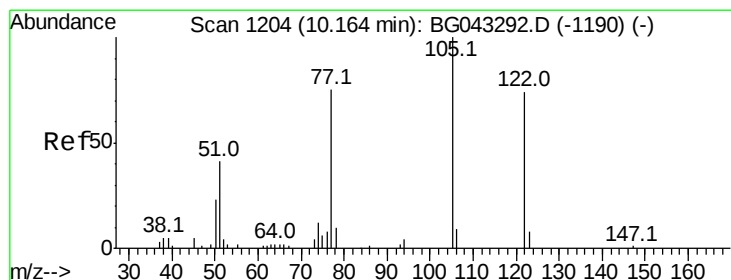
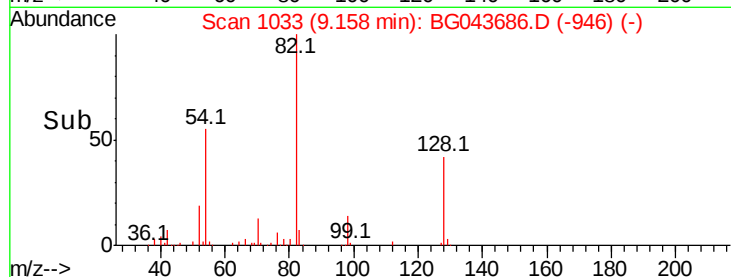
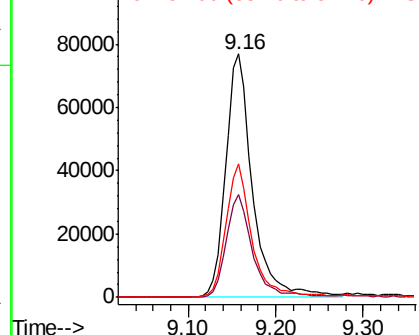
#23
Nitrobenzene-d5
Concen: 89.538 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 162195
Ion Ratio Lower Upper
82 100
128 42.0 35.0 52.6
54 54.8 40.2 60.2

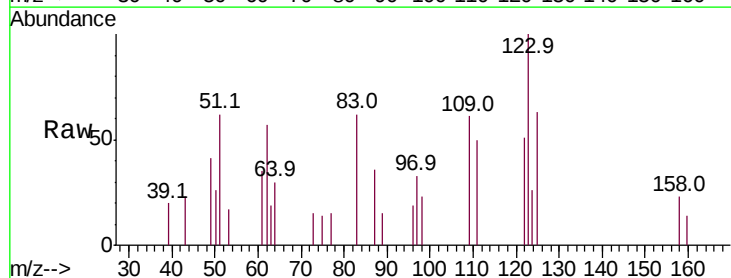


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

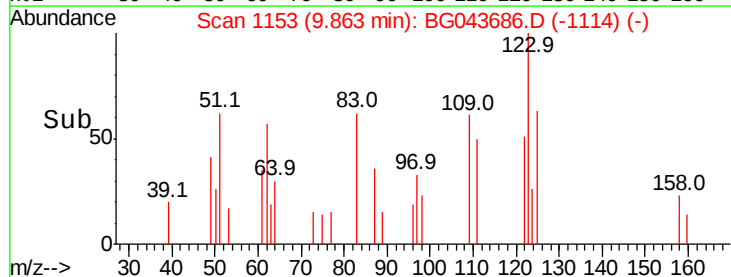
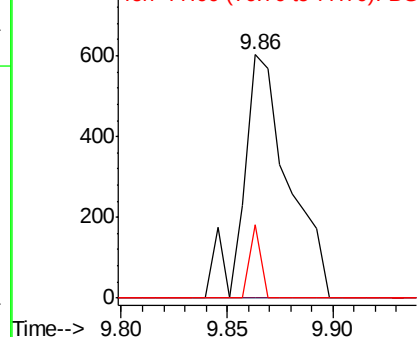


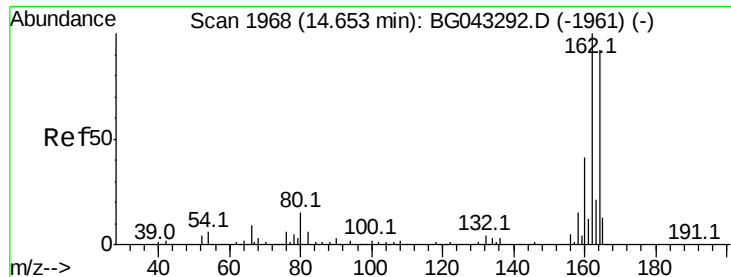
#32
Benzoic acid
Concen: 9.850 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.30 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Tgt Ion:122 Resp: 900
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 30.3 84.9 124.9#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Instrument :

BNA_G

ClientSampleId :

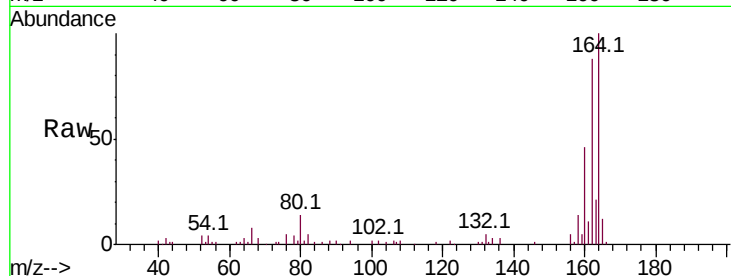
Tot Ion:164 Resp: 63794

Ion Ratio Lower Upper

164 100

162 87.9 83.5 125.3

160 46.1 36.5 54.7

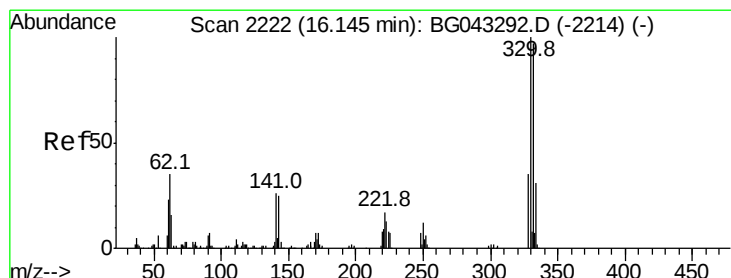
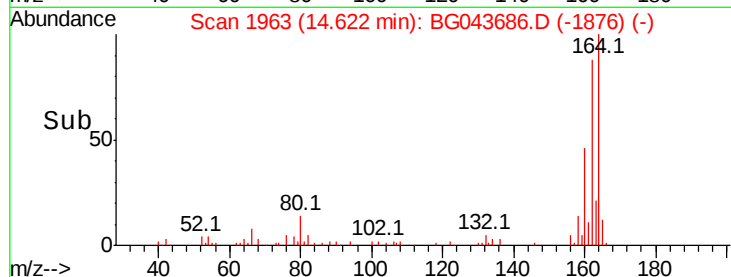
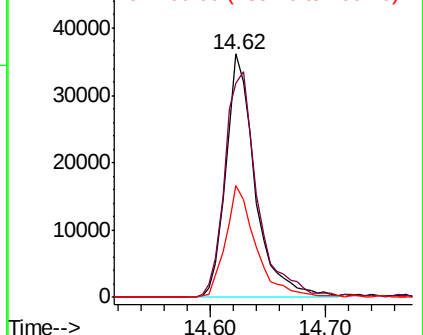


Abundance

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: 127.944 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

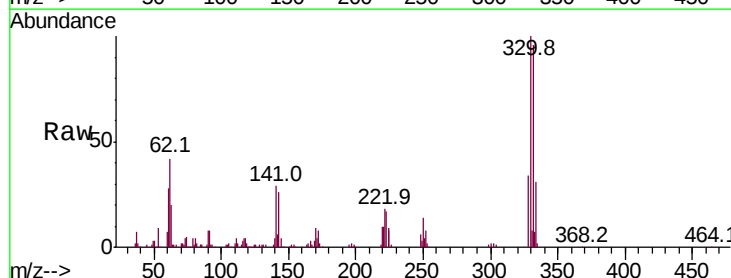
Tgt Ion:330 Resp: 155324

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 28.3 22.8 34.2

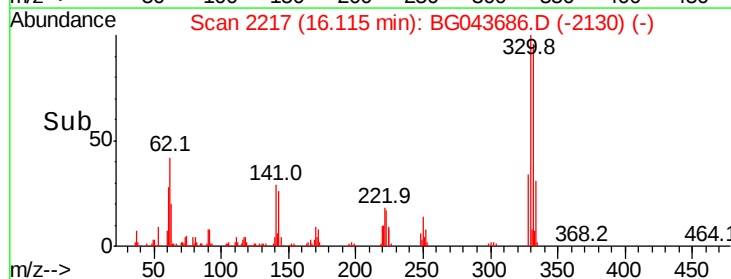
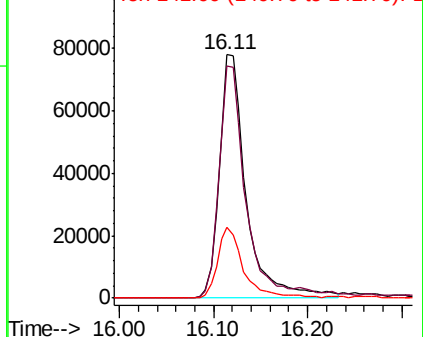


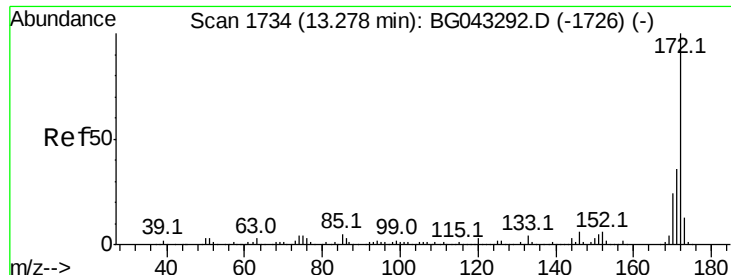
Abundance

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

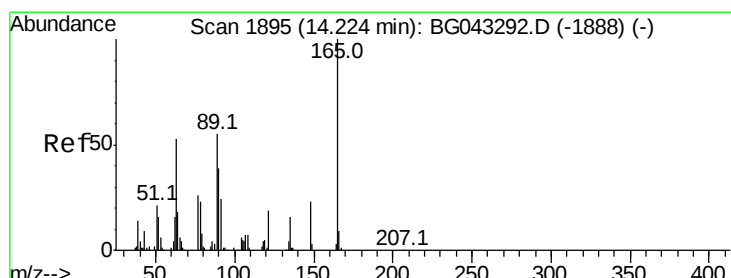
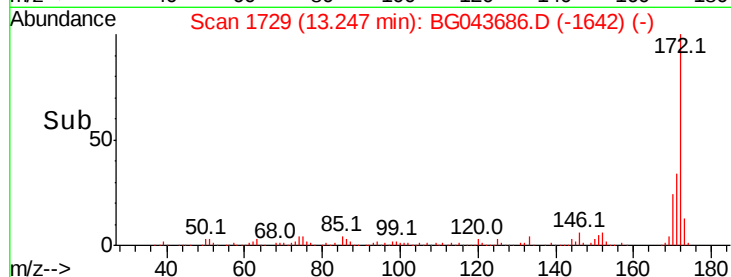
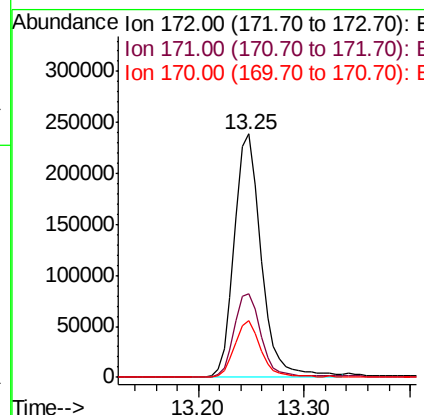
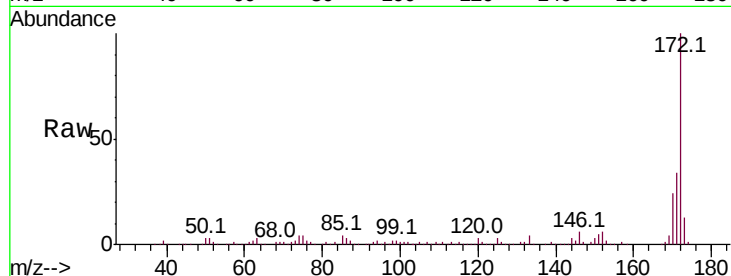




#45
 2-Fluorobiphenyl
 Concen: 91.776 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043686.D
 Acq: 18 Nov 2019 23:30

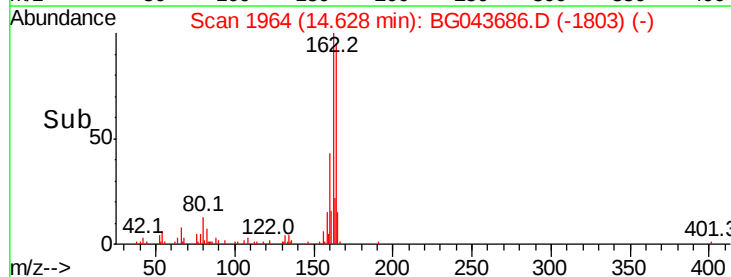
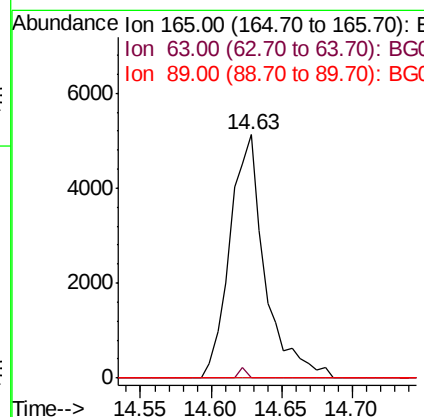
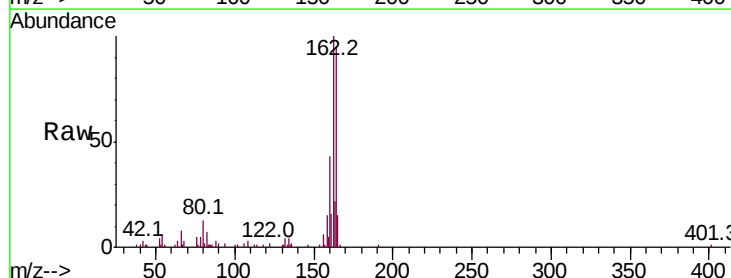
Instrument :
 BNA_G
 ClientSampleId :

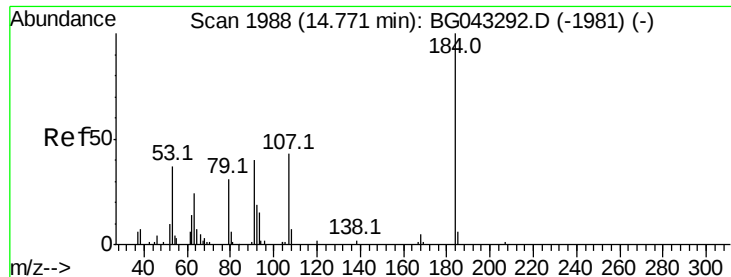
Tot Ion:172 Resp: 423703
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.9 43.3
 170 23.5 18.5 27.7



#51
 2,6-Dinitrotoluene
 Concen: 8.230 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.42 min
 Lab File: BG043686.D
 Acq: 18 Nov 2019 23:30

Tgt Ion:165 Resp: 8835
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.6 69.8#
 89 0.0 45.1 67.7#

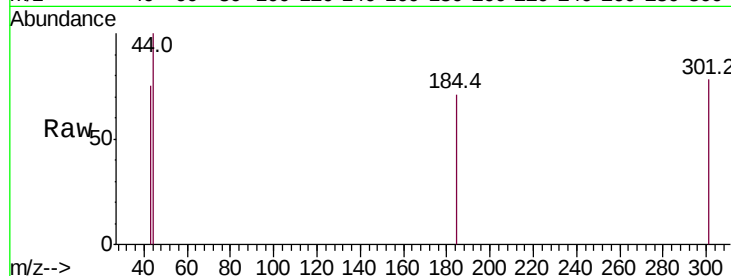




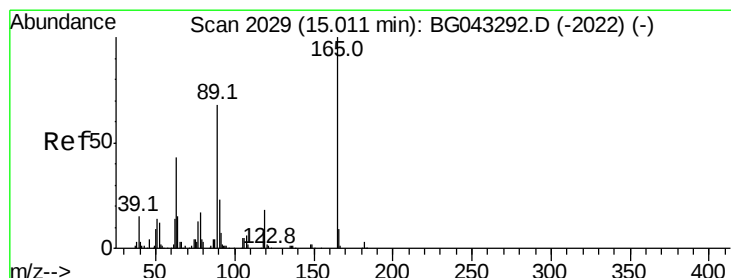
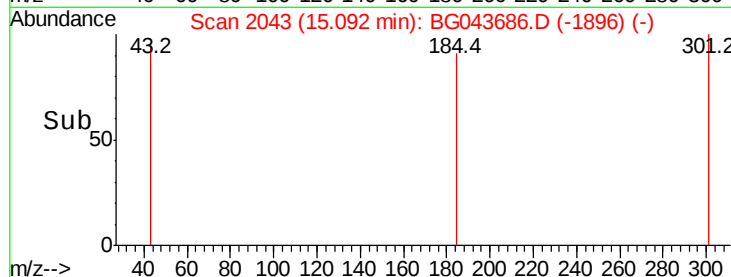
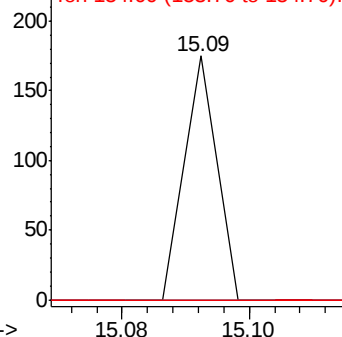
#54
2,4-Dinitrophenol
Concen: 7.367 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.33 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 51.3 76.9#
154 0.0 55.4 83.0#

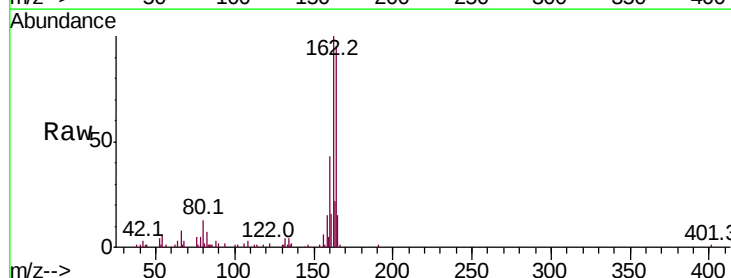


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

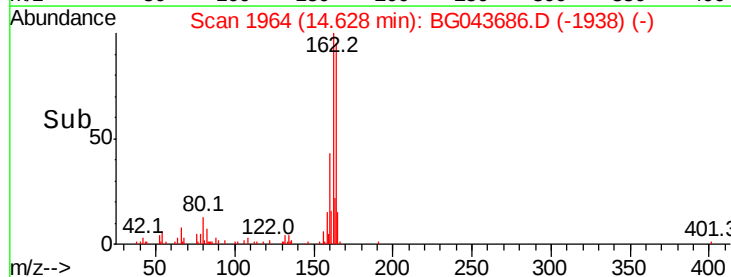
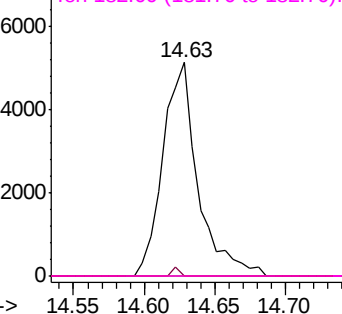


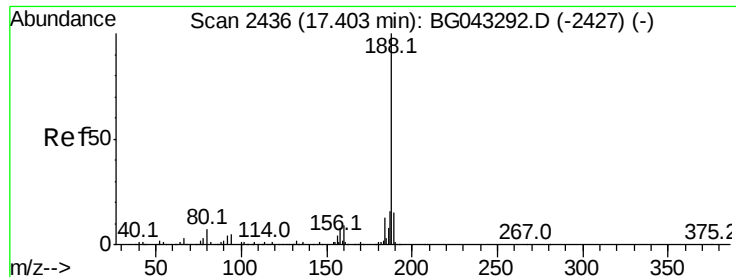
#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.38 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Tgt Ion:165 Resp: 8835
Ion Ratio Lower Upper
165 100
63 0.0 33.2 49.8#
89 0.0 52.2 78.4#
182 0.0 2.0 3.0#



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

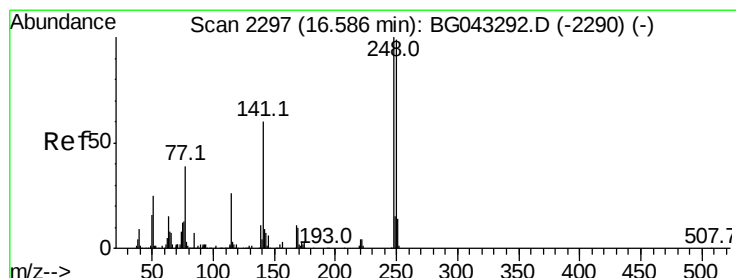
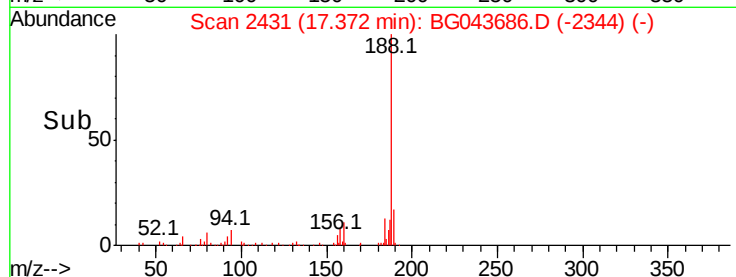
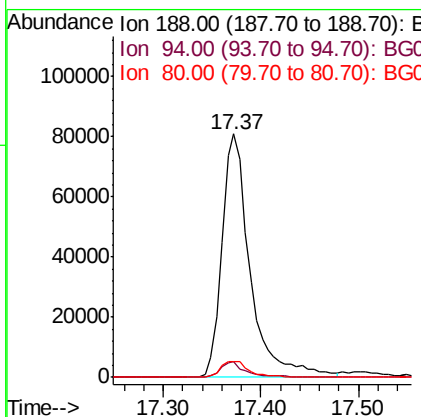
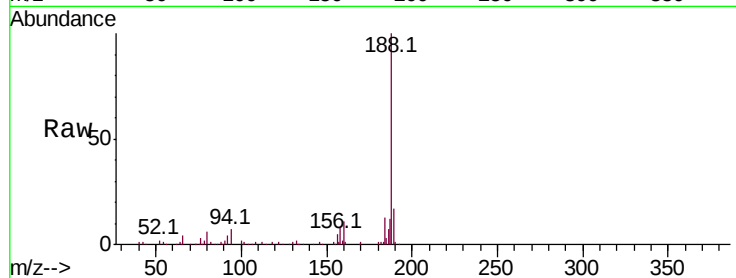




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG043686.D
 Acq: 18 Nov 2019 23:30

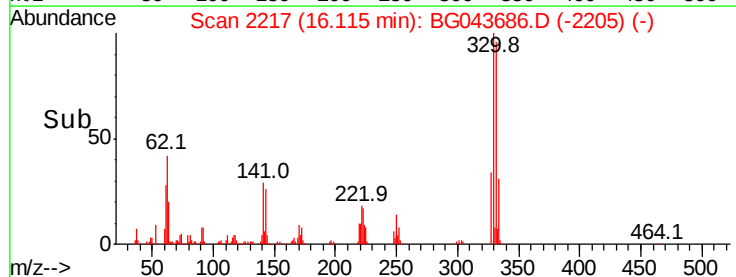
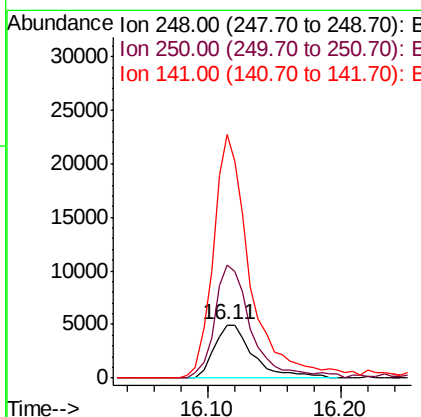
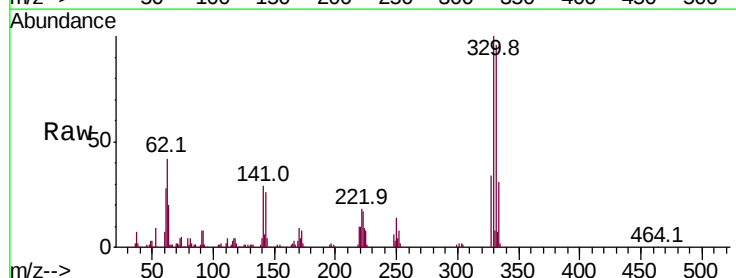
Instrument :
 BNA_G
 ClientSampled :

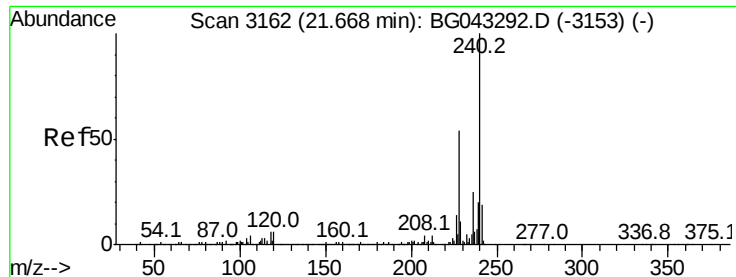
Tot Ion:188 Resp: 162241
 Ion Ratio Lower Upper
 188 100
 94 6.7 4.2 6.4#
 80 6.4 4.5 6.7



#67
 4-Bromophenyl-phenylether
 Concen: 4.633 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.46 min
 Lab File: BG043686.D
 Acq: 18 Nov 2019 23:30

Tgt Ion:248 Resp: 10115
 Ion Ratio Lower Upper
 248 100
 250 212.4 77.0 115.4#
 141 457.1 47.5 71.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Instrument :

BNA_G

ClientSampleId :

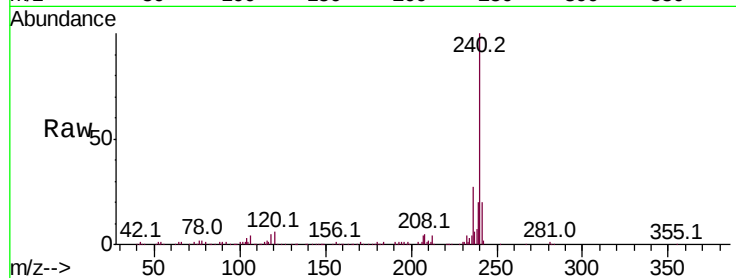
Tot Ion:240 Resp: 193726

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

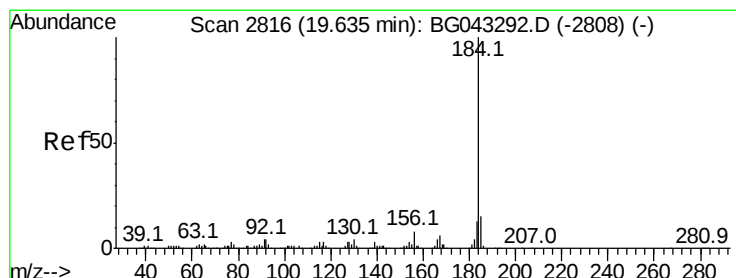
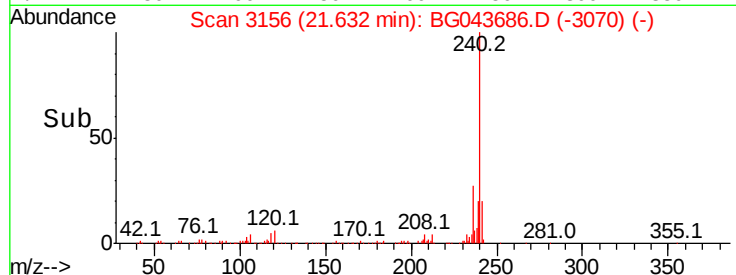
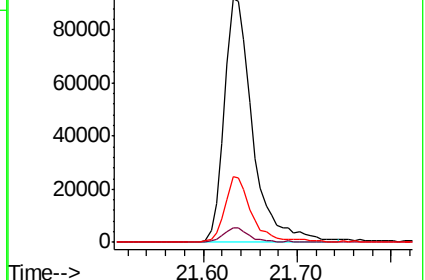
236 27.0 19.8 29.8



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: 3.589 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.36 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

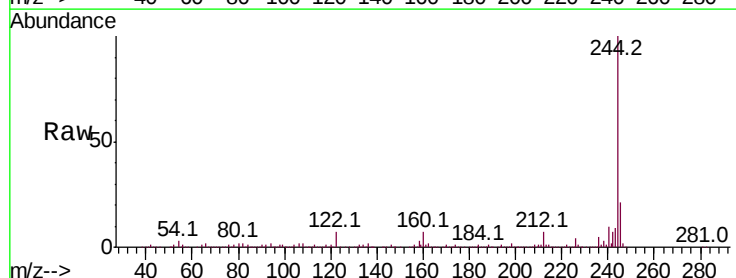
Tgt Ion:184 Resp: 13994

Ion Ratio Lower Upper

184 100

185 16.2 11.0 16.4

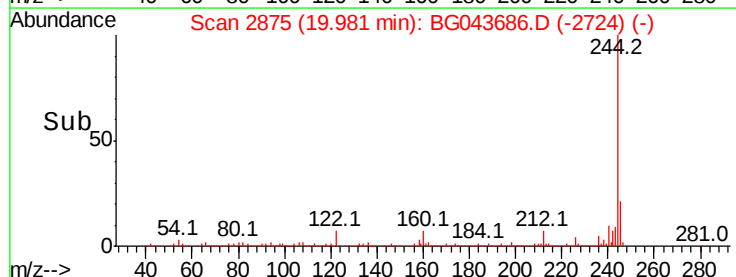
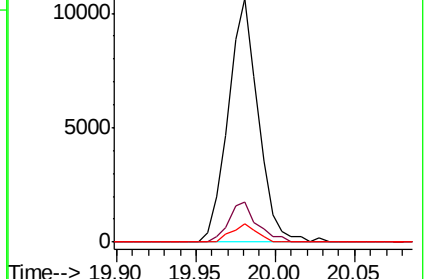
183 7.7 10.0 15.0#

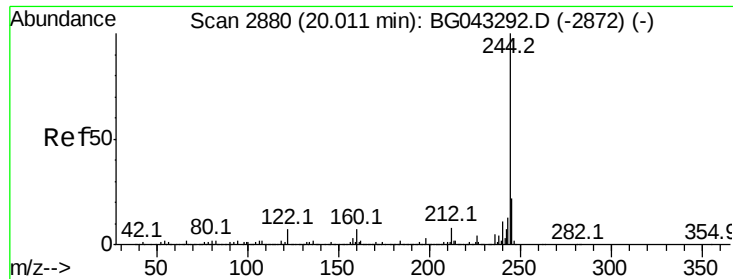


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 97.749 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Instrument :

BNA_G

ClientSampled :

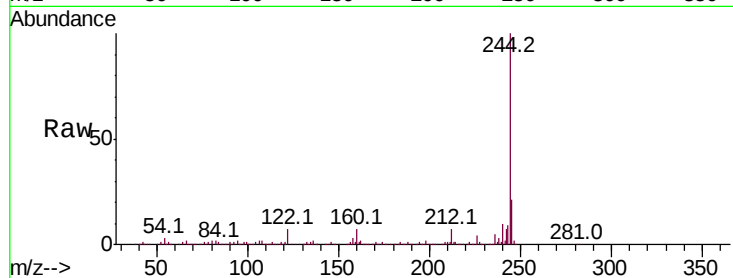
Tot Ion:244 Resp: 1009382

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

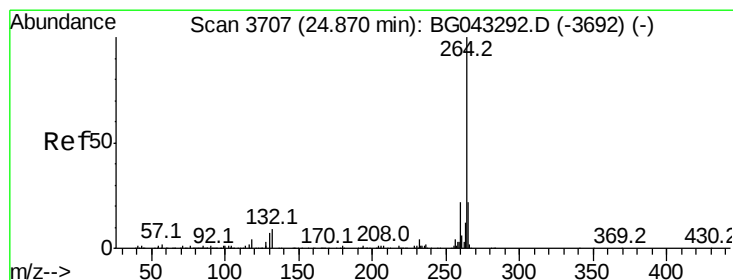
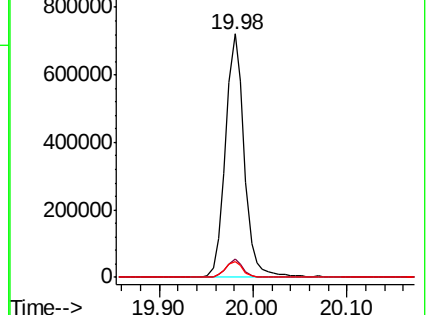
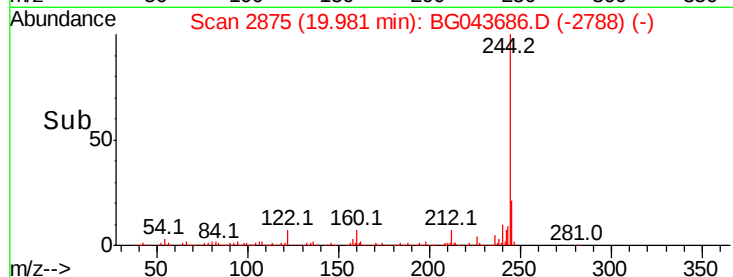
122 6.6 5.4 8.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

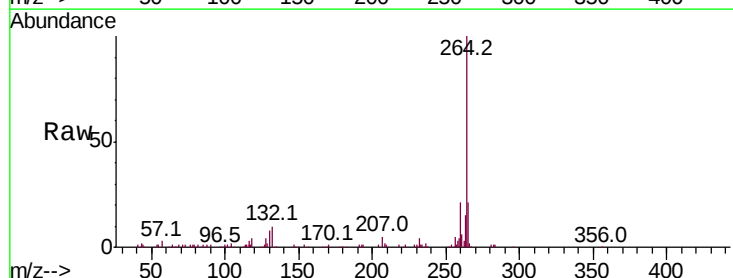
Tgt Ion:264 Resp: 219233

Ion Ratio Lower Upper

264 100

260 21.3 17.5 26.3

265 21.2 17.4 26.0



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

