

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046634.D
 Acq On : 15 Sep 2020 21:28
 Operator : CG/JU
 Sample : L4013-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B40-091420-0-10

Quant Time: Sep 16 00:43:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

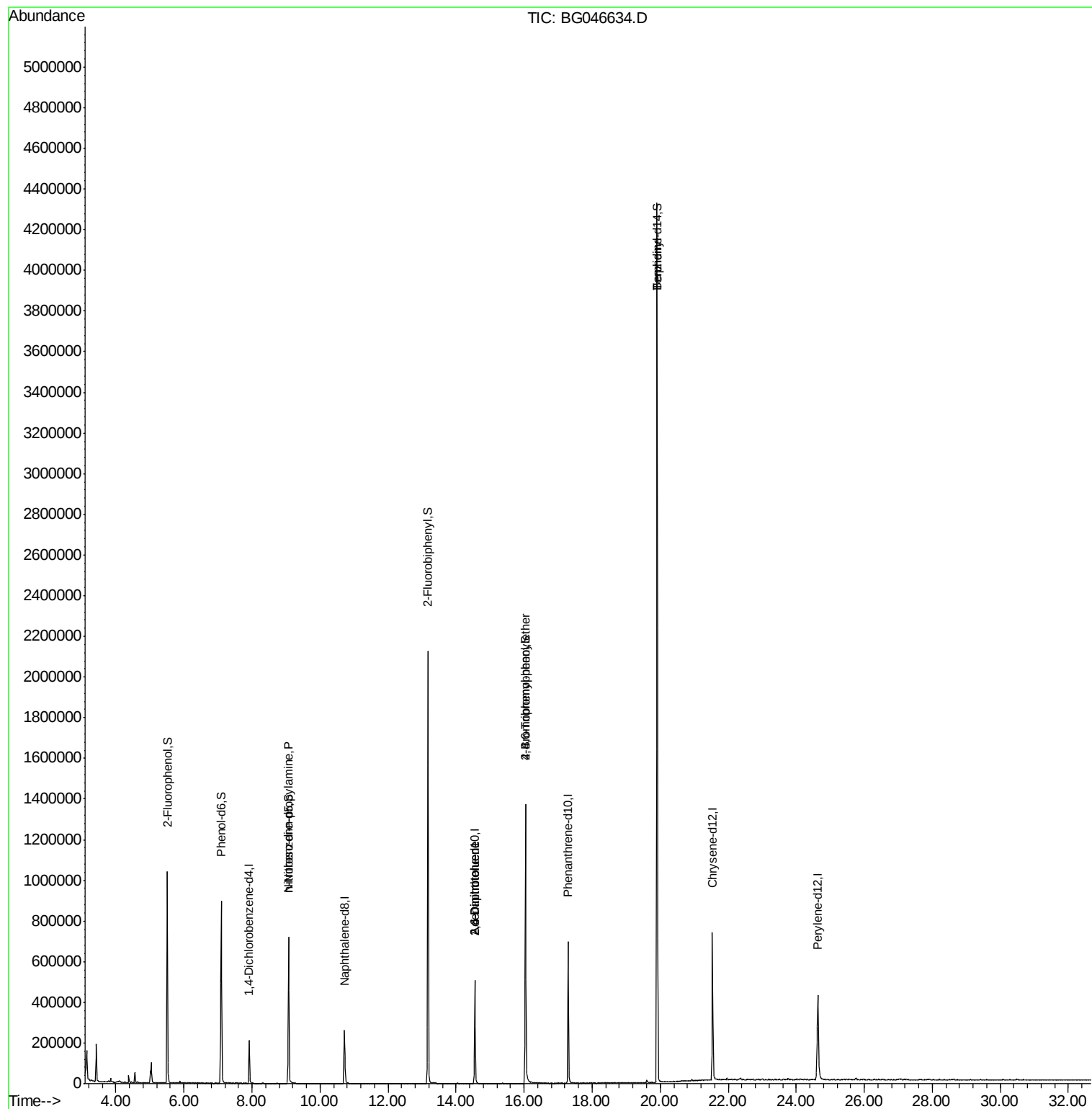
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68345	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	275344	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	195313	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	465433	20.00	ng	0.00
76) Chrysene-d12	21.54	240	503493	20.00	ng	0.00
86) Perylene-d12	24.63	264	485348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	477029	123.62	ng	0.00
7) Phenol-d6	7.10	99	575057	105.13	ng	0.00
23) Nitrobenzene-d5	9.08	82	465621	96.65	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	308249	116.48	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1215755	95.02	ng	0.00
79) Terphenyl-d14	19.91	244	1947556	82.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	58994	18.030	ng	# 74
51) 2,6-Dinitrotoluene	14.55	165	25614	7.690	ng	# 33
57) 2,4-Dinitrotoluene	14.55	165	25614	5.393	ng	# 33
67) 4-Bromophenyl-phenylether	16.04	248	22718	4.184	ng	# 1
77) Benzidine	19.91	184	31010	2.651	ng	# 80

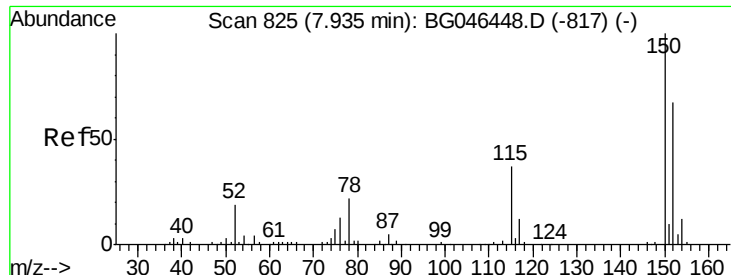
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046634.D
Acq On : 15 Sep 2020 21:28
Operator : CG/JU
Sample : L4013-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

Quant Time: Sep 16 00:43:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration



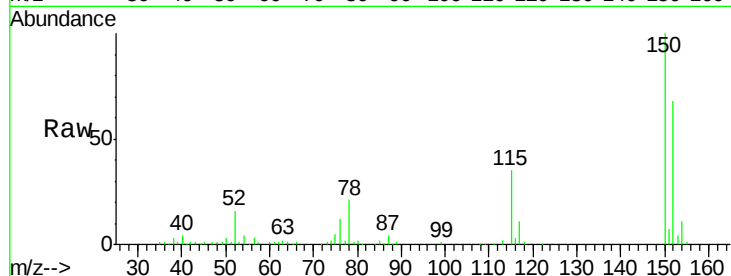


#1

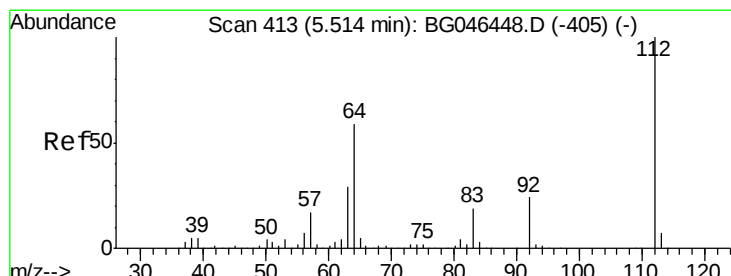
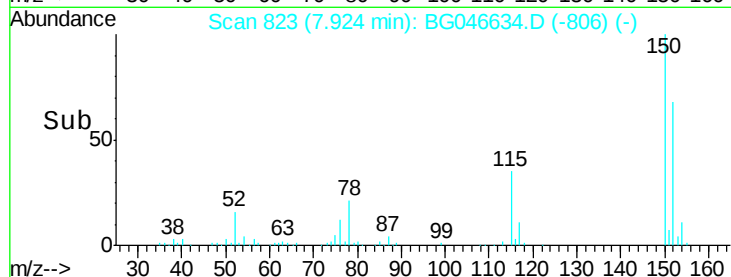
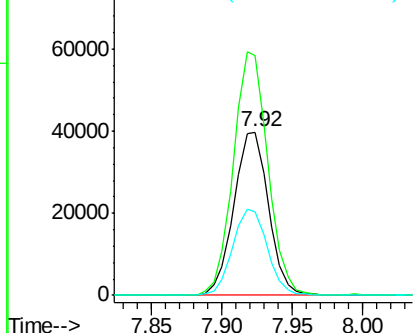
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

Tot Ion:152 Resp: 68345
Ion Ratio Lower Upper
152 100
150 147.0 119.5 179.3
115 50.8 44.3 66.5



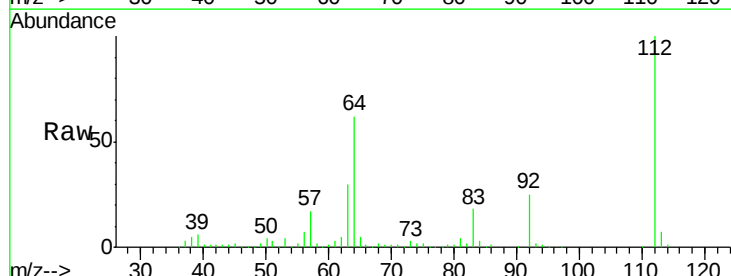
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



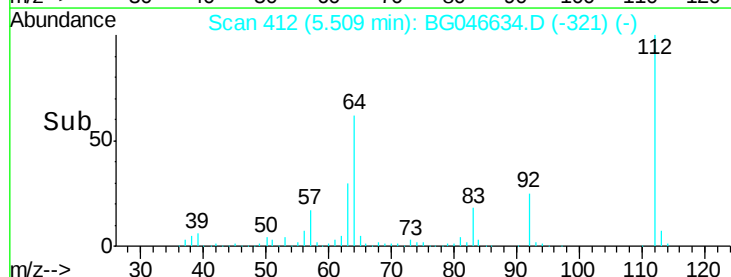
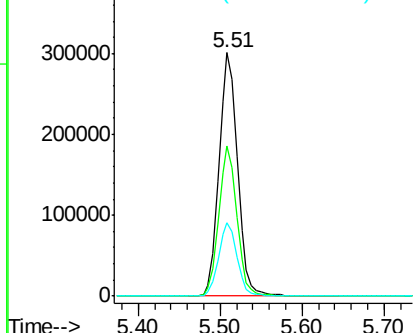
#5

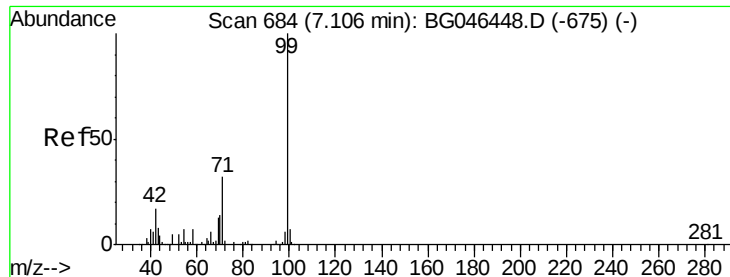
2-Fluorophenol
Concen: 123.624 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Tgt Ion:112 Resp: 477029
Ion Ratio Lower Upper
112 100
64 61.8 47.0 70.6
63 30.2 23.5 35.3



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





#7

Phenol-d6

Concen: 105.127 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

Instrument :

BNA_G

ClientSampleId :

PAV-B40-091420-0-10

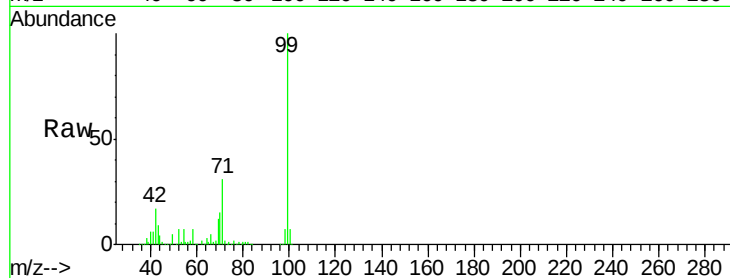
Tot Ion: 99 Resp: 575057

Ion Ratio Lower Upper

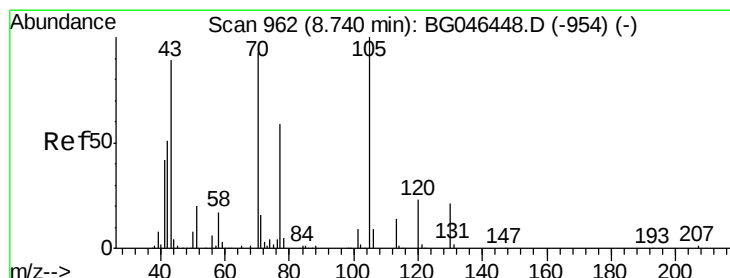
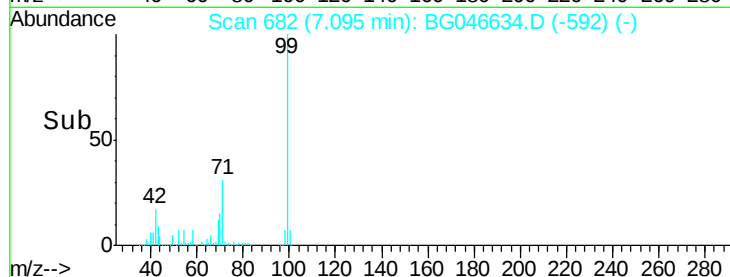
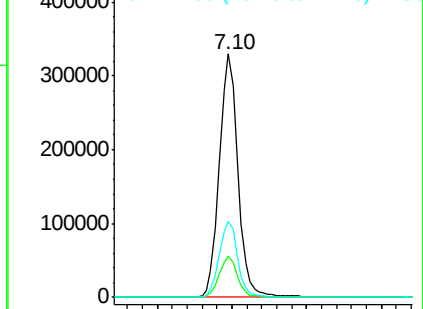
99 100

42 17.1 13.3 19.9

71 31.1 25.3 37.9



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: 18.030 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

Tgt Ion: 70 Resp: 58994

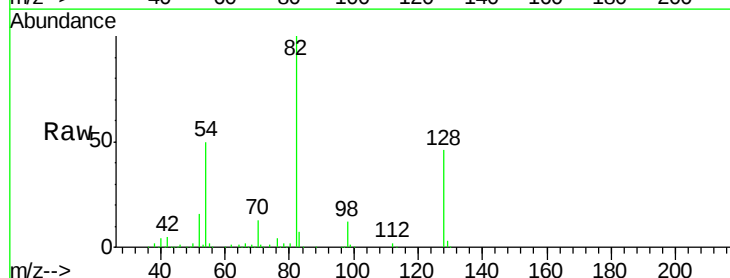
Ion Ratio Lower Upper

70 100

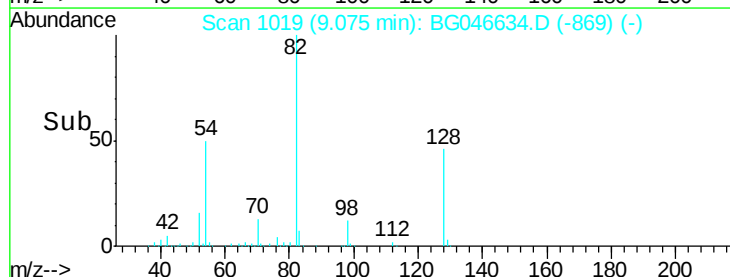
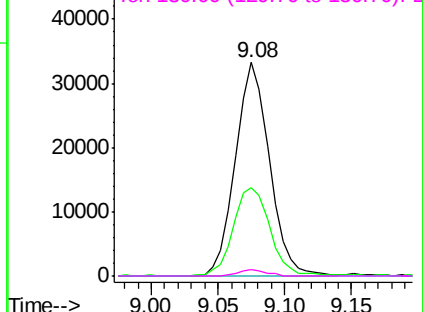
42 41.3 44.2 66.2#

101 0.0 7.8 11.8#

130 2.8 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

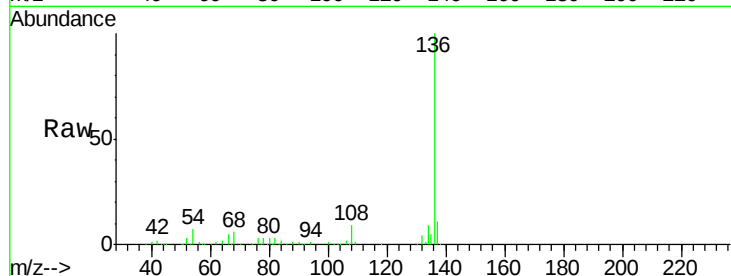




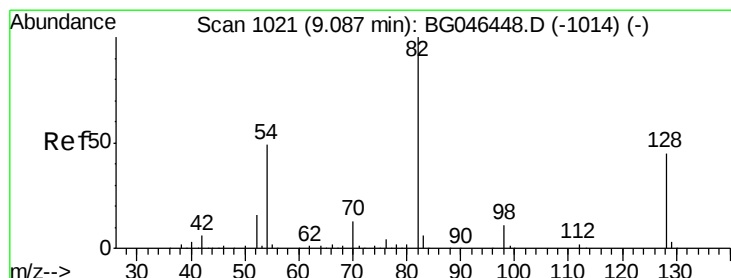
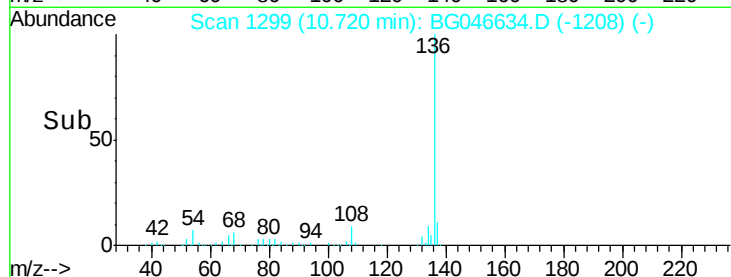
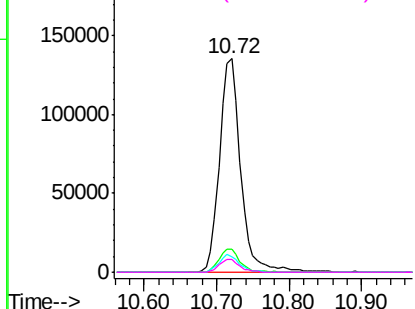
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

Tot Ion:136	Resp:	275344
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 7.1	6.1	9.1
68 6.3	4.8	7.2

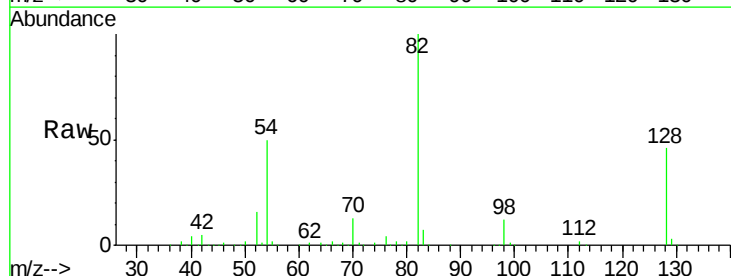


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

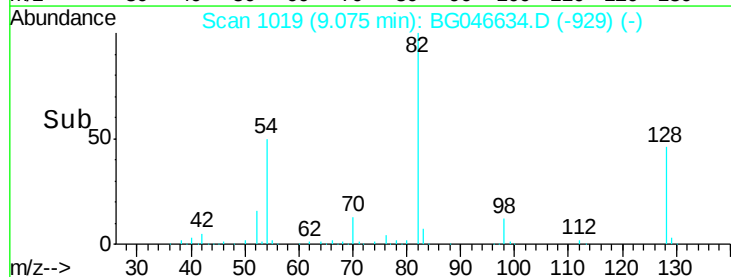
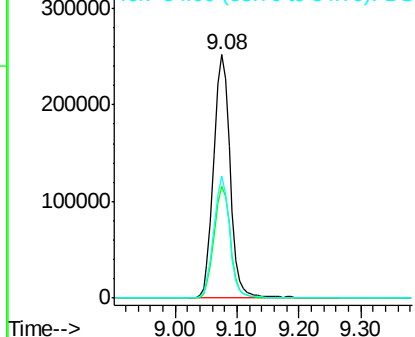


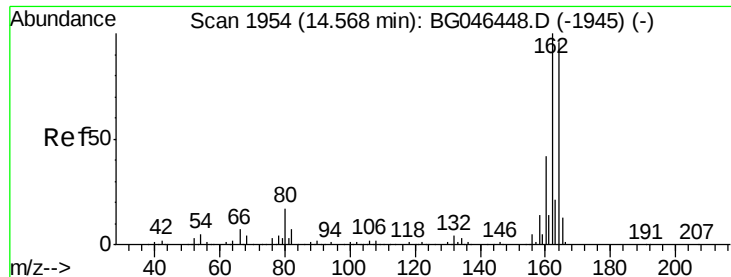
#23
Nitrobenzene-d5
Concen: 96.652 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Tgt Ion: 82	Resp: 465621
Ion Ratio	Lower Upper
82 100	
128 46.1	35.7 53.5
54 50.1	39.4 59.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

Instrument :

BNA_G

ClientSampleId :

PAV-B40-091420-0-10

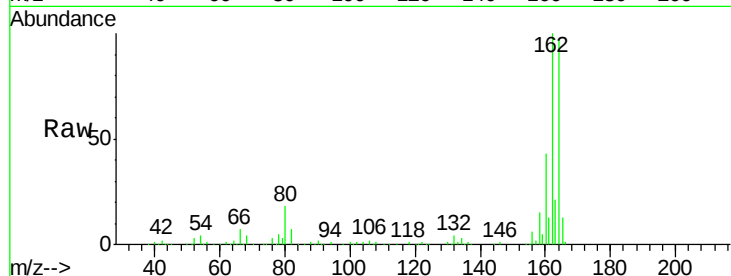
Tot Ion:164 Resp: 195313

Ion Ratio Lower Upper

164 100

162 103.5 83.3 124.9

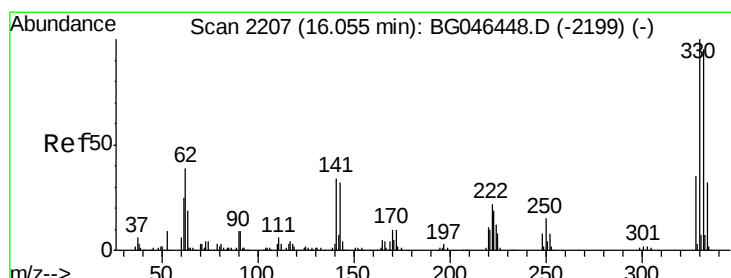
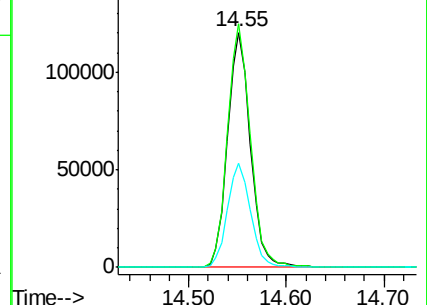
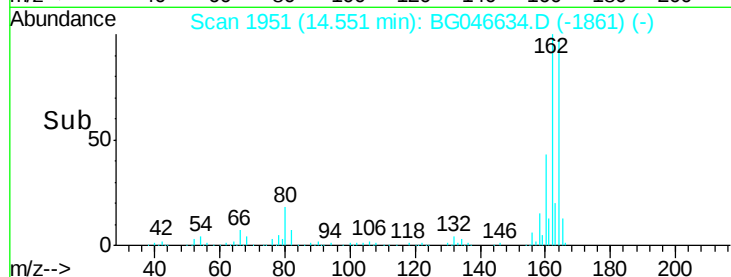
160 44.4 35.0 52.6



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: 116.481 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

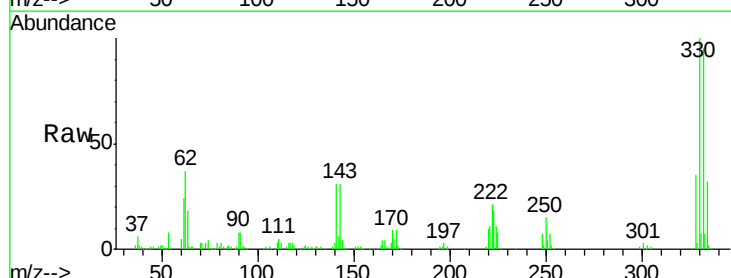
Tgt Ion:330 Resp: 308249

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

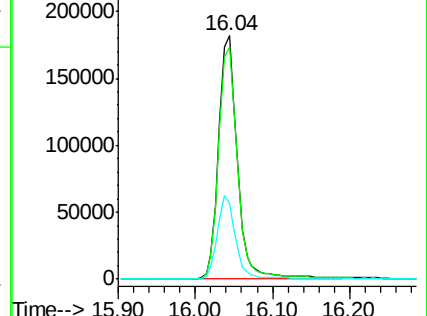
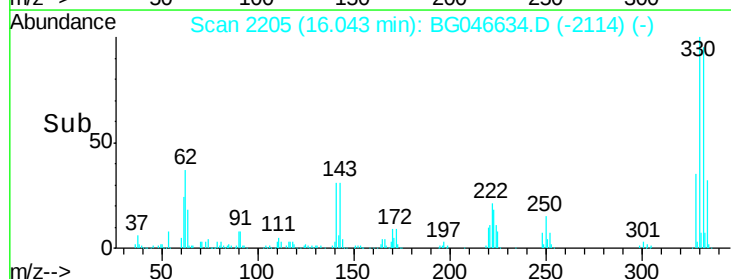
141 33.4 26.1 39.1

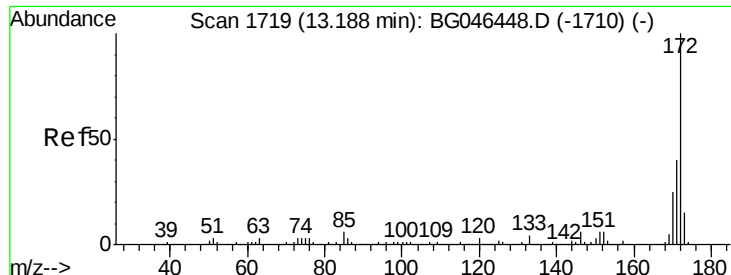


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

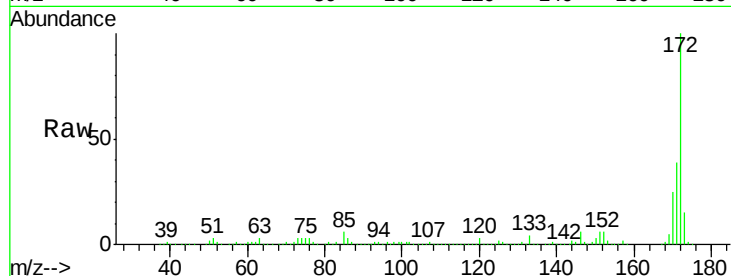




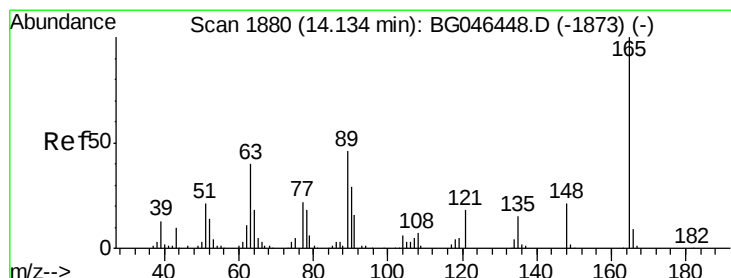
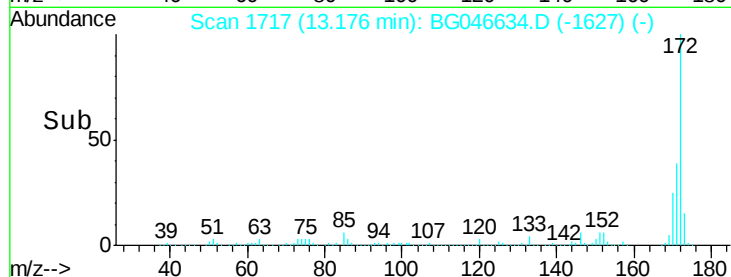
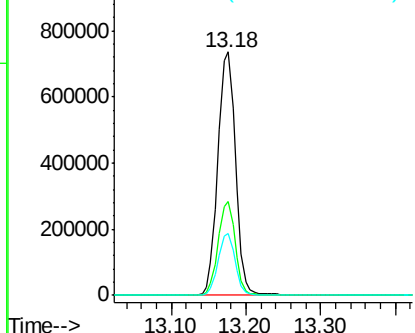
#45
2-Fluorobiphenyl
Concen: 95.023 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

Tot Ion:172 Resp: 1215755
Ion Ratio Lower Upper
172 100
171 38.5 31.8 47.6
170 25.4 20.3 30.5

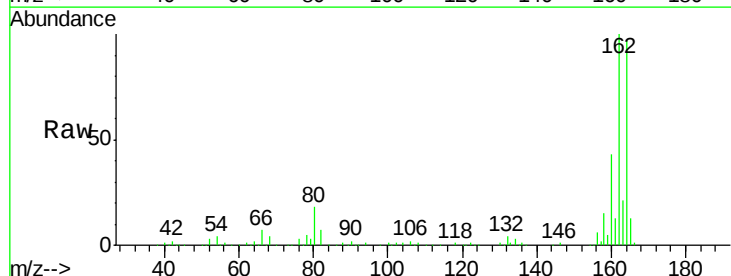


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

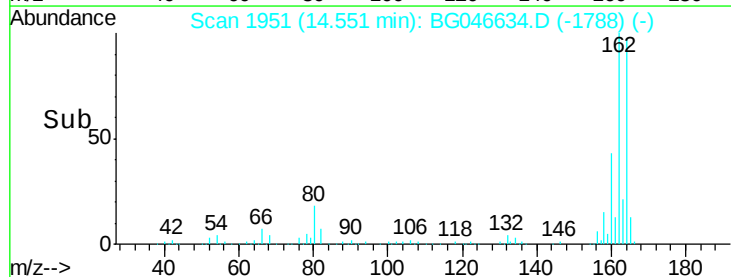
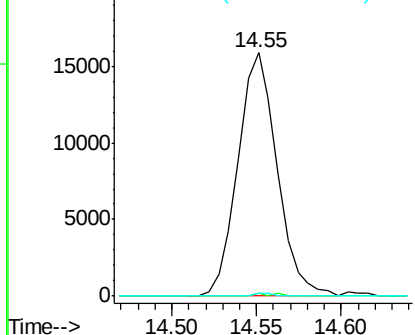


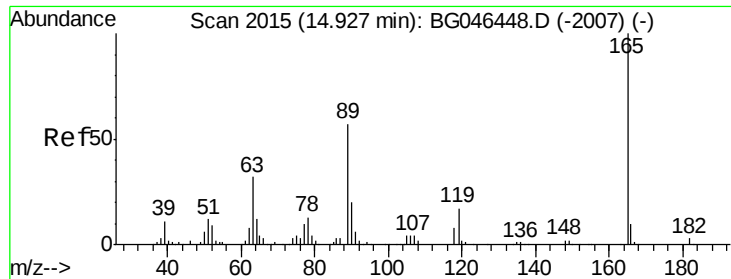
#51
2,6-Dinitrotoluene
Concen: 7.690 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Tgt Ion:165 Resp: 25614
Ion Ratio Lower Upper
165 100
63 1.1 34.2 51.4#
89 1.2 37.0 55.4#



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

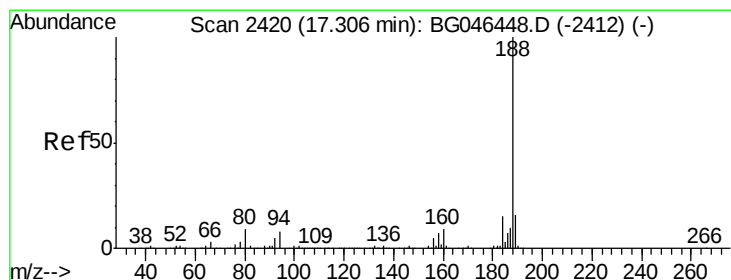
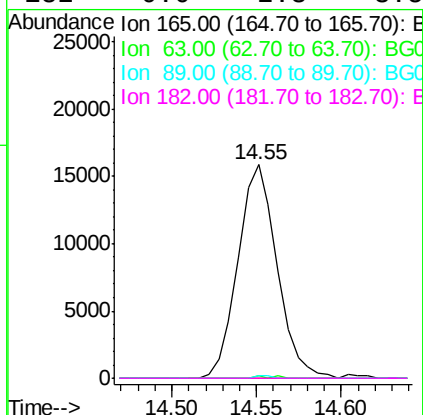
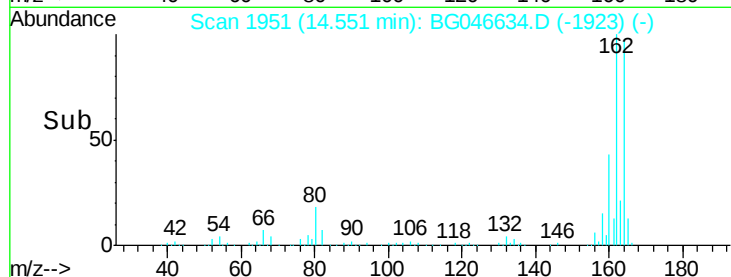
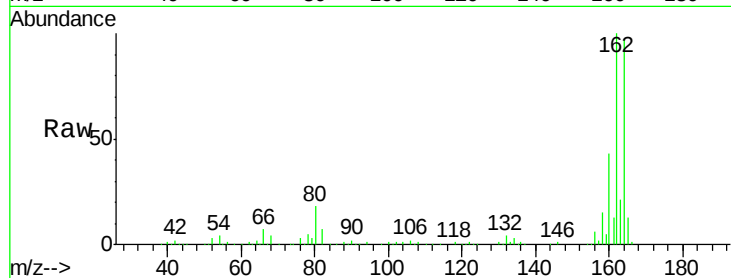




#57
 2,4-Dinitrotoluene
 Concen: 5.393 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046634.D
 Acq: 15 Sep 2020 21:28

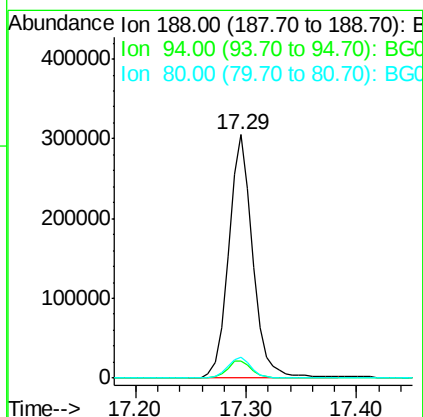
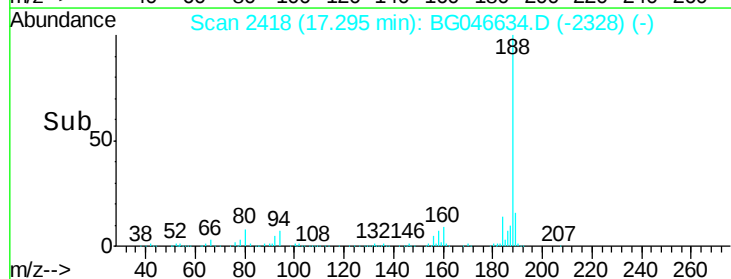
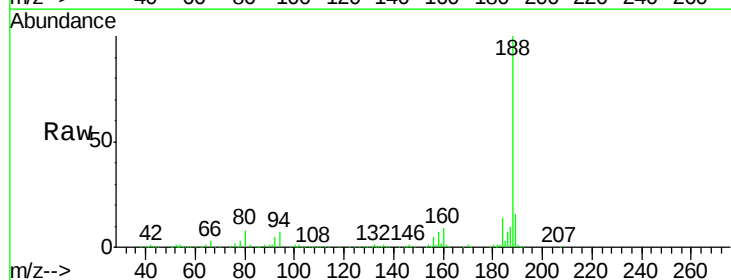
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B40-091420-0-10

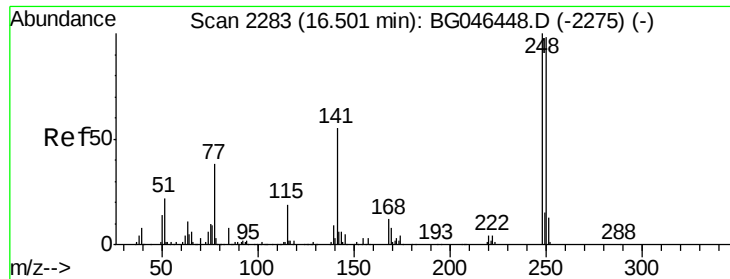
Tot Ion:165	Resp:	25614
Ion Ratio	Lower	Upper
165	100	
63	1.1	25.4 38.0#
89	1.2	45.9 68.9#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046634.D
 Acq: 15 Sep 2020 21:28

Tgt Ion:188	Resp:	465433
Ion Ratio	Lower	Upper
188	100	
94	7.0	6.3 9.5
80	8.4	6.9 10.3

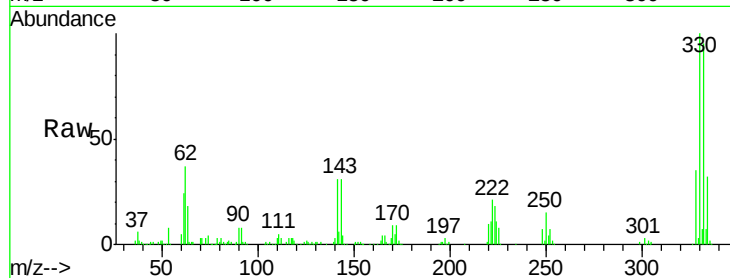




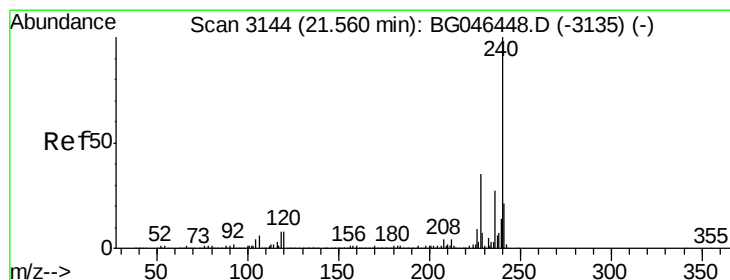
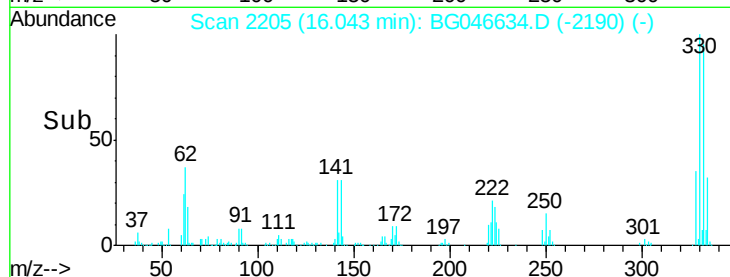
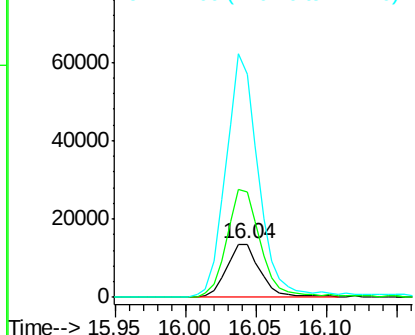
#67
4-Bromophenyl-phenylether
Concen: 4.184 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.44 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

Tot Ion:248 Resp: 22718
Ion Ratio Lower Upper
248 100
250 197.3 78.6 118.0#
141 418.0 43.9 65.9#

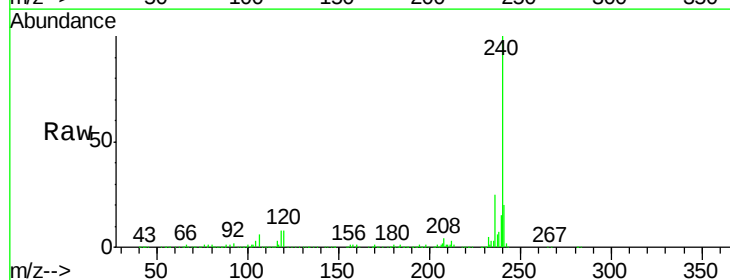


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

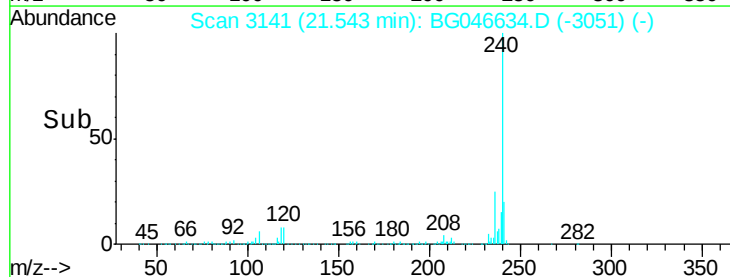
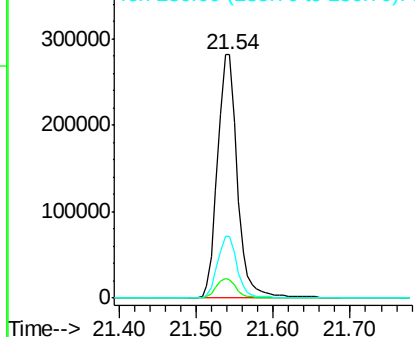


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Tgt Ion:240 Resp: 503493
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.4 21.4 32.2



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: 2.651 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

Instrument :

BNA_G

ClientSampleId :

PAV-B40-091420-0-10

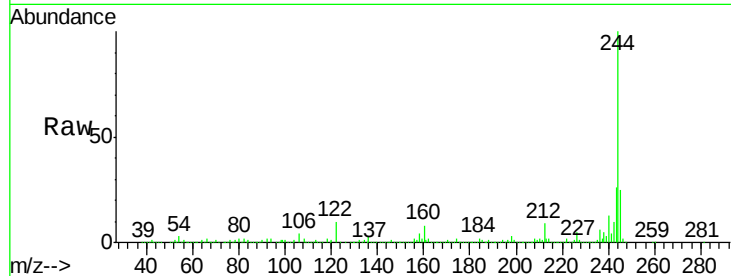
Tot Ion:184 Resp: 31010

Ion Ratio Lower Upper

184 100

185 29.0 11.8 17.8#

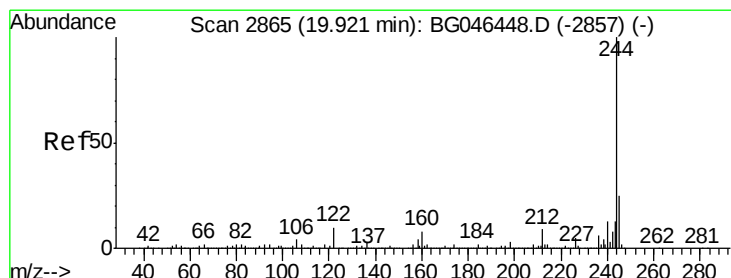
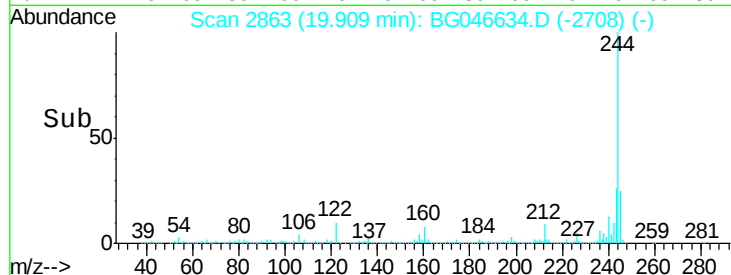
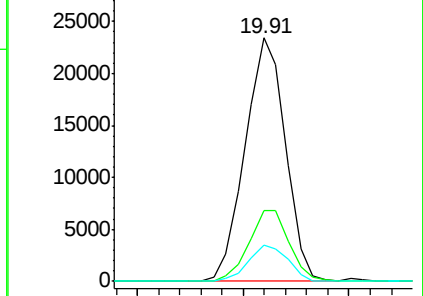
183 15.0 10.7 16.1



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: 82.320 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

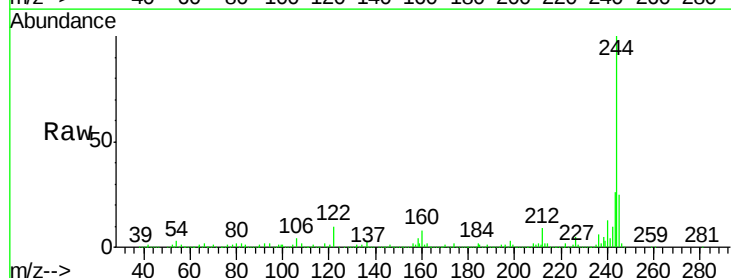
Tgt Ion:244 Resp: 1947556

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

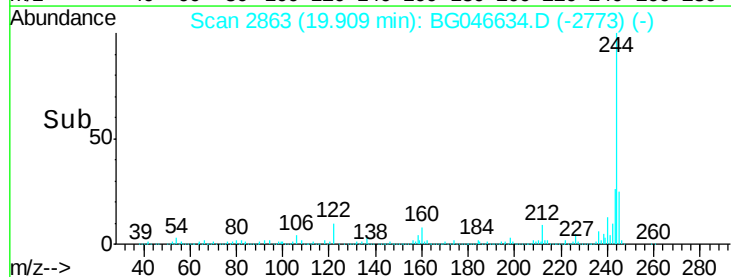
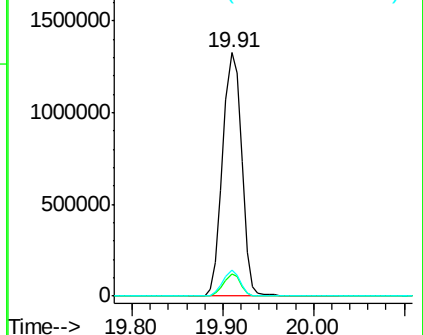
122 10.5 8.2 12.4

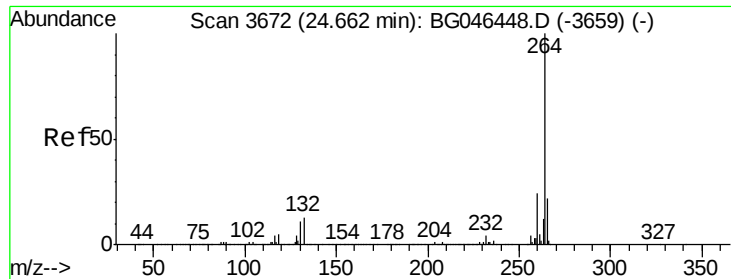


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.63 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

Tot Ion: 264 Resp: 485348
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.7 17.9 26.9

