

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046676.D
 Acq On : 18 Sep 2020 19:27
 Operator : CG/JU
 Sample : L4038-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10

Quant Time: Sep 19 00:32:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

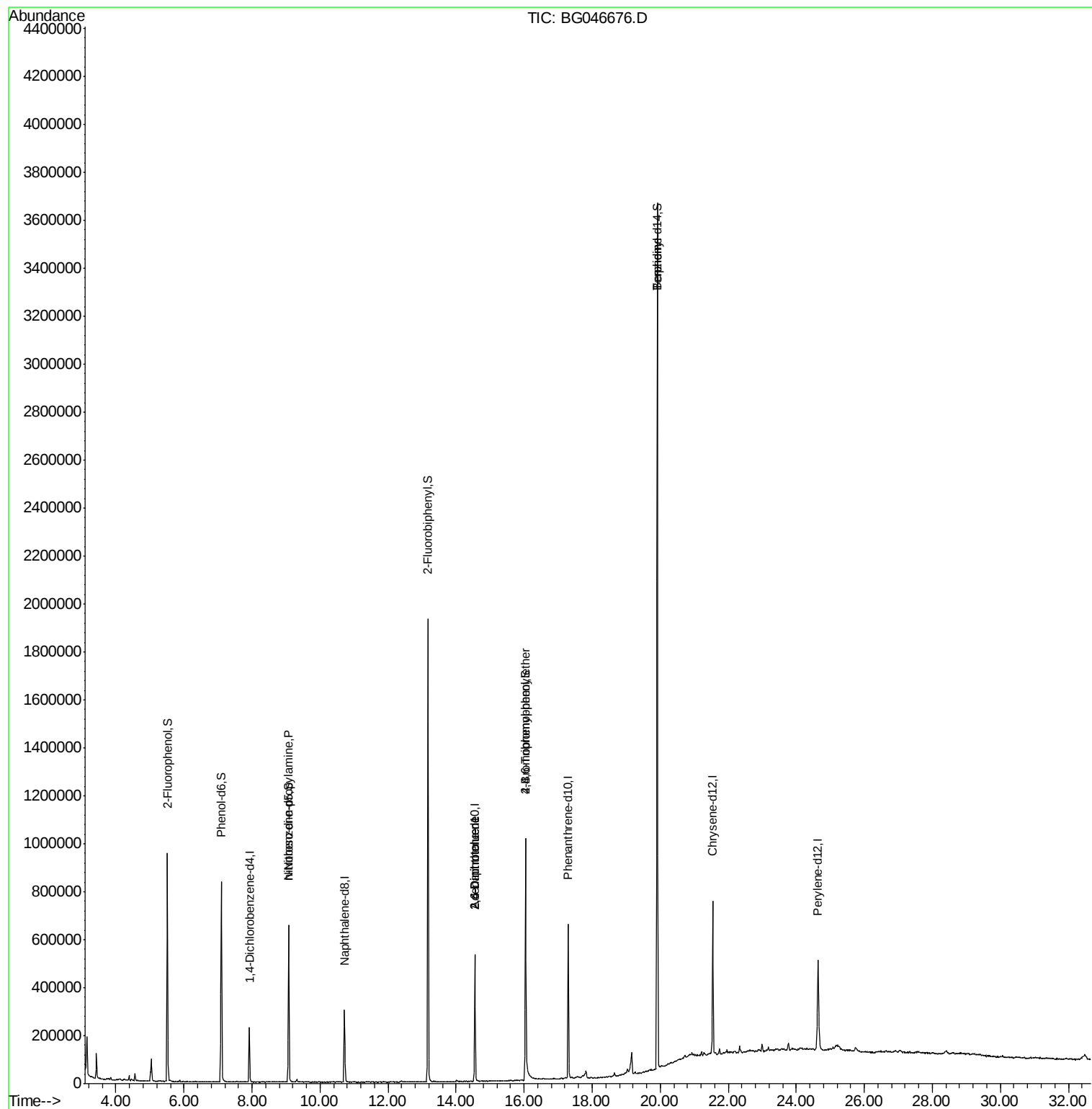
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71010	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	290233	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	195674	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	427127	20.00	ng	0.00
76) Chrysene-d12	21.54	240	408785	20.00	ng	0.00
86) Perylene-d12	24.64	264	398799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	442808	110.45	ng	0.00
7) Phenol-d6	7.09	99	553356	97.36	ng	0.00
23) Nitrobenzene-d5	9.07	82	420329	82.77	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	254471	95.98	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1083212	84.51	ng	0.00
79) Terphenyl-d14	19.91	244	1607551	83.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	55061	16.196	ng	# 75
51) 2,6-Dinitrotoluene	14.55	165	26141	7.834	ng	# 35
57) 2,4-Dinitrotoluene	14.55	165	26141	5.494	ng	# 33
67) 4-Bromophenyl-phenylether	16.04	248	18431	3.699	ng	# 1
77) Benzidine	19.91	184	25316	2.665	ng	# 91

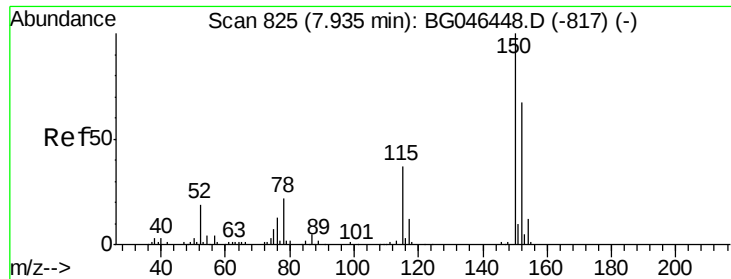
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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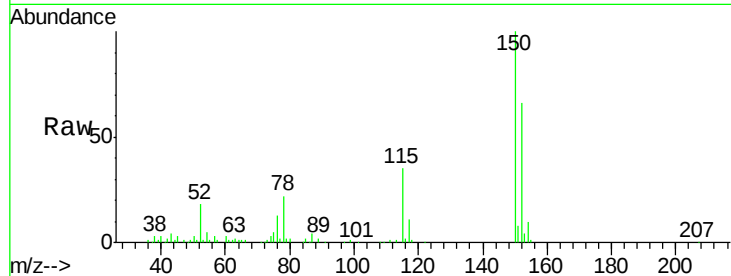


#1

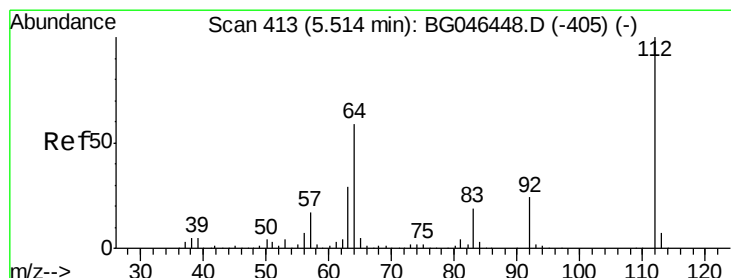
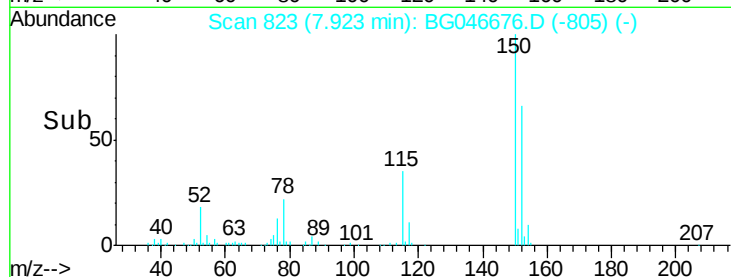
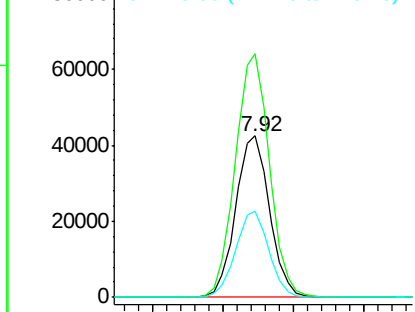
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10

Tot Ion:152 Resp: 71010
Ion Ratio Lower Upper
152 100
150 151.1 125.0 187.6
115 53.4 41.8 62.6



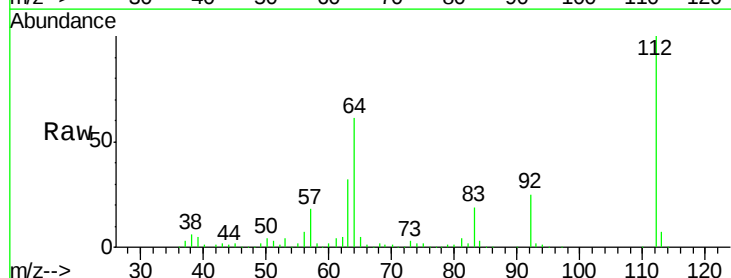
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



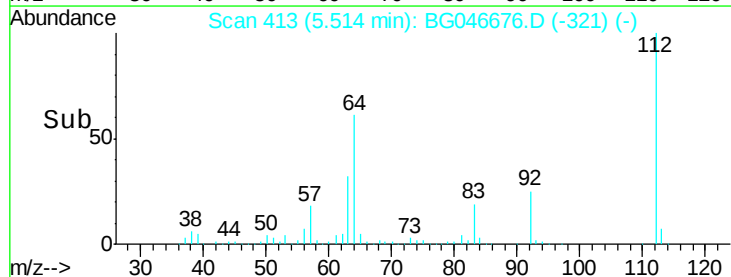
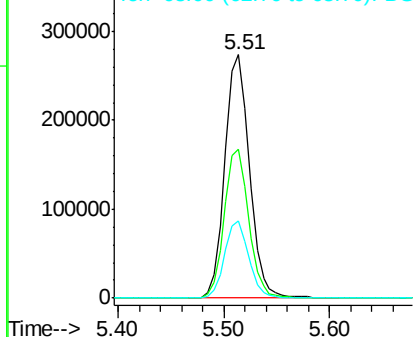
#5

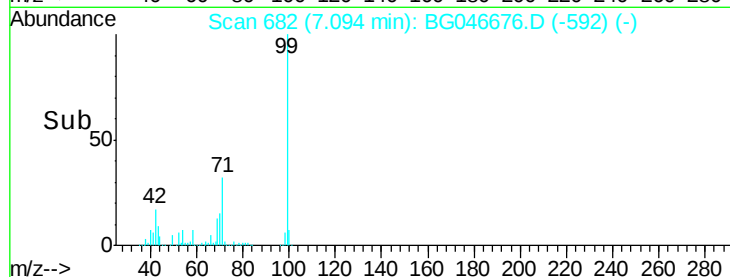
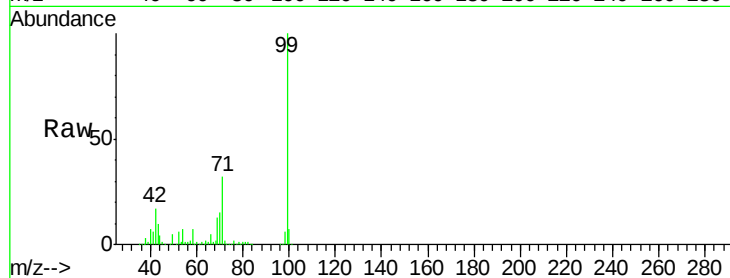
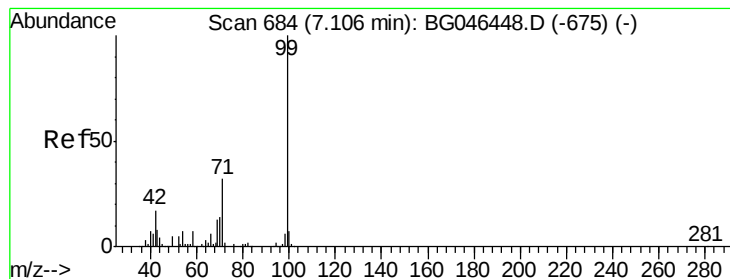
2-Fluorophenol
Concen: 110.449 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.01 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

Tgt Ion:112 Resp: 442808
Ion Ratio Lower Upper
112 100
64 61.1 46.7 70.1
63 32.0 22.8 34.2



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: 97.363 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046676.D

Acq: 18 Sep 2020 19:27

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10

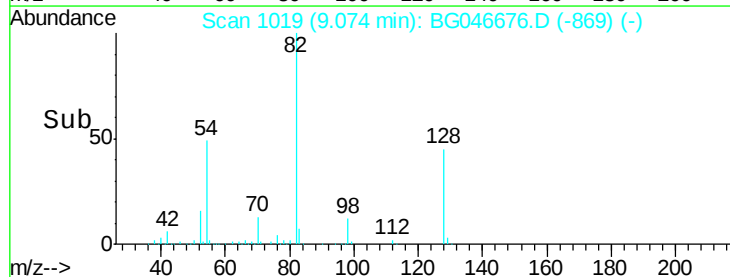
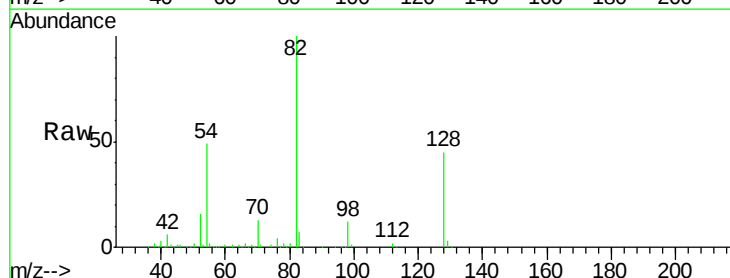
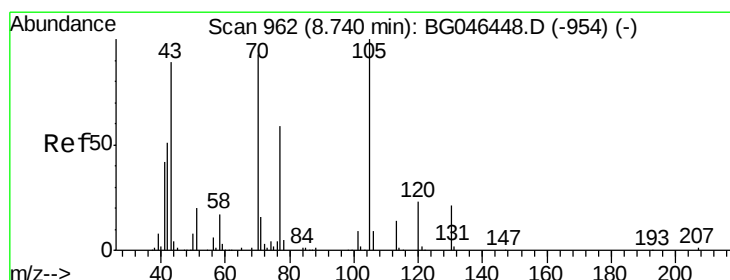
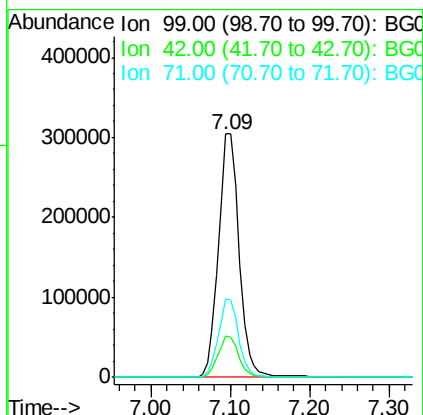
Tot Ion: 99 Resp: 553356

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

71 32.3 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.196 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046676.D

Acq: 18 Sep 2020 19:27

Tgt Ion: 70 Resp: 55061

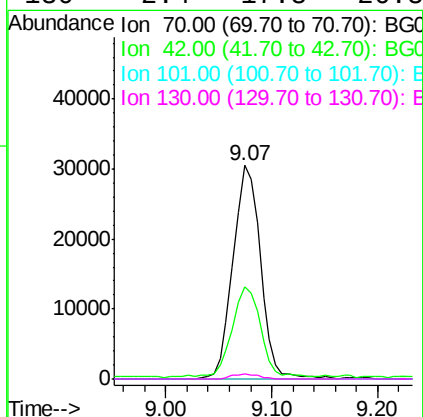
Ion Ratio Lower Upper

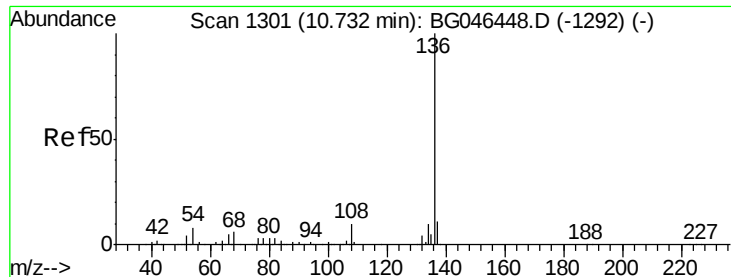
70 100

42 43.3 45.6 68.4#

101 0.0 8.4 12.6#

130 2.4 17.8 26.8#

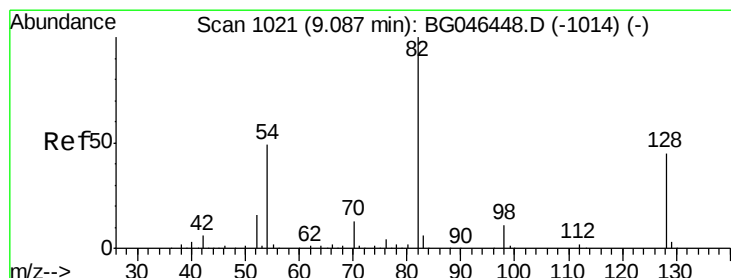
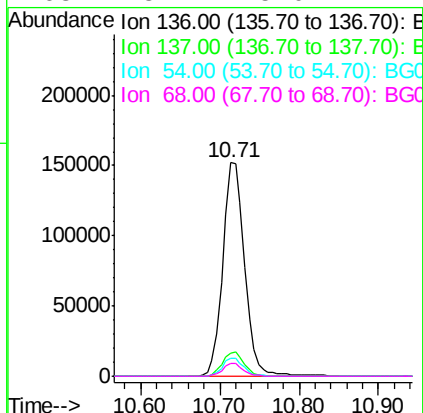
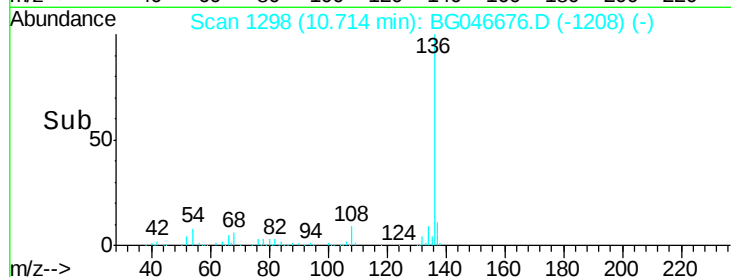
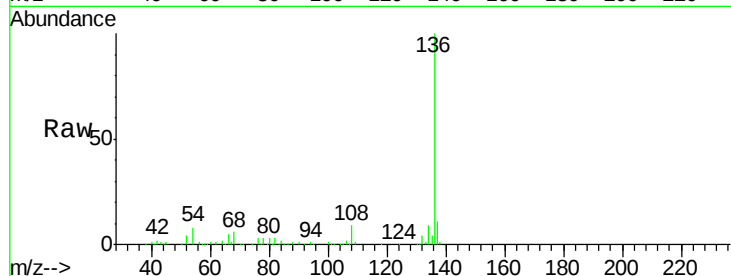




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

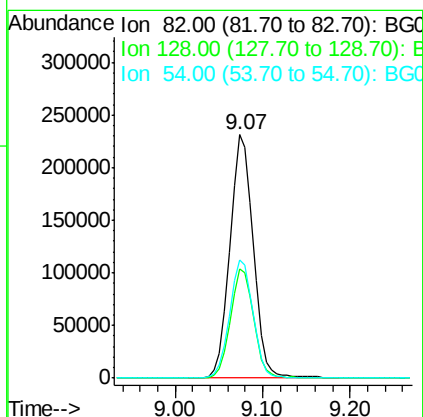
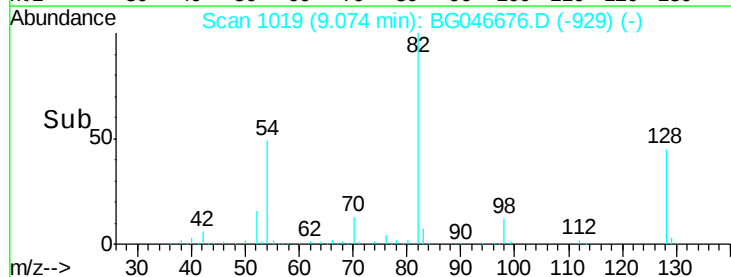
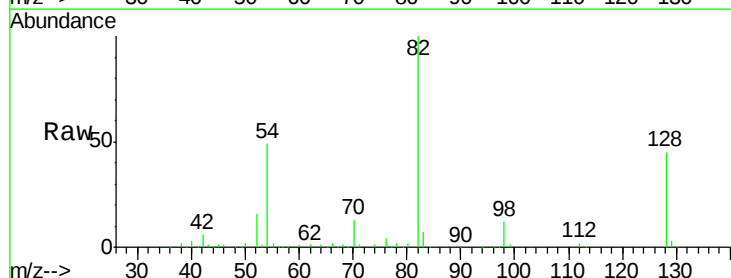
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10

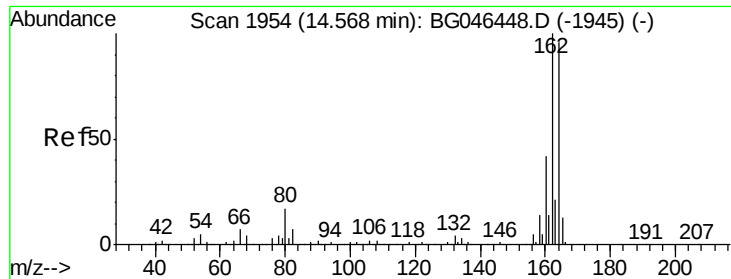
Tot Ion:136	Resp: 290233
Ion Ratio	Lower Upper
136 100	
137 10.7	9.1 13.7
54 8.3	6.2 9.4
68 5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 82.775 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

Tgt	Ion: 82	Resp:	420329
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.0	55.6
54	48.6	39.0	58.4

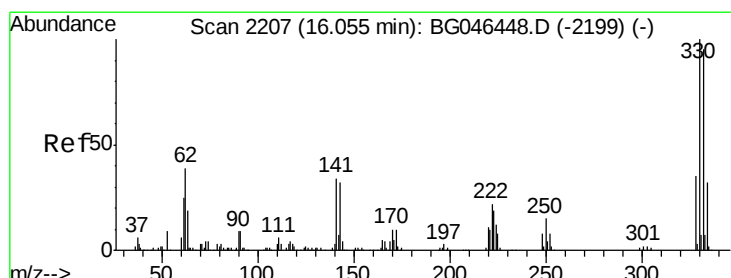
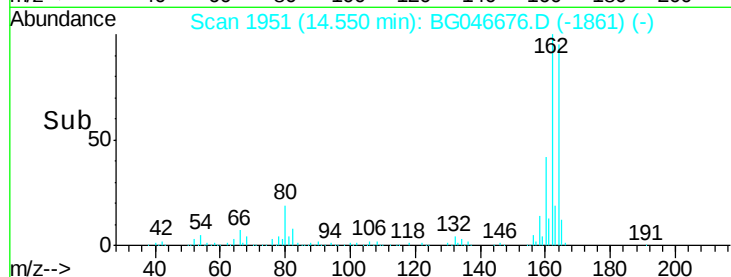
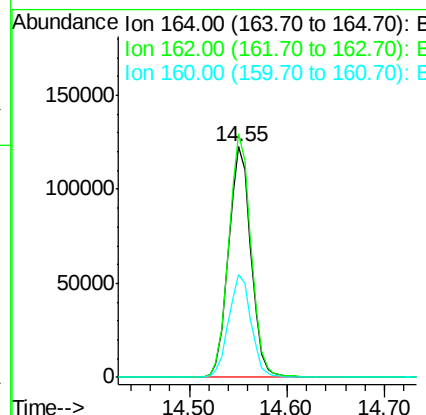
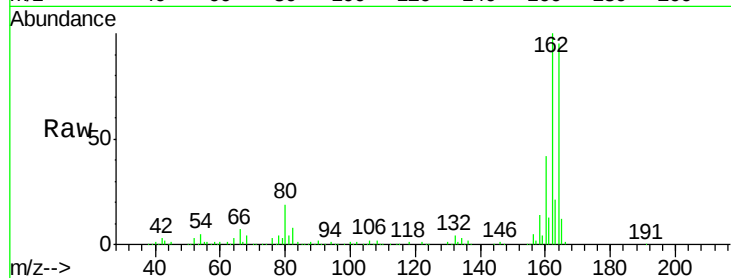




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

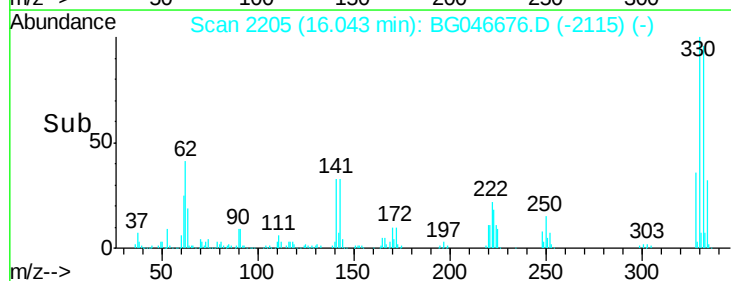
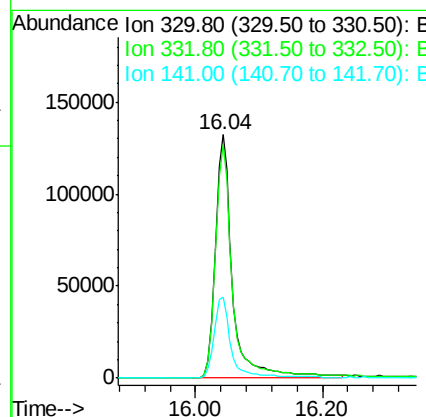
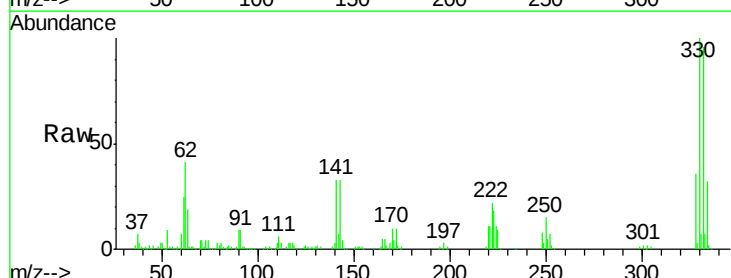
Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10

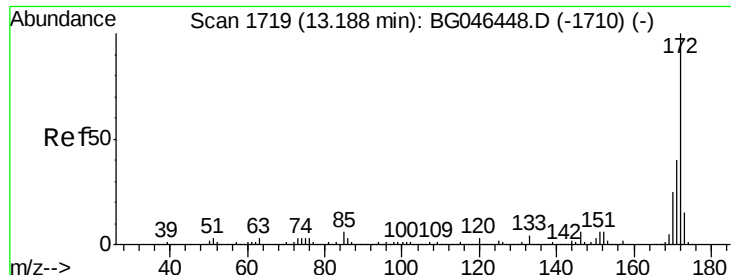
Tot Ion:164 Resp: 195674
Ion Ratio Lower Upper
164 100
162 105.7 82.3 123.5
160 44.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 95.982 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

Tgt Ion:330 Resp: 254471
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 32.9 26.0 39.0

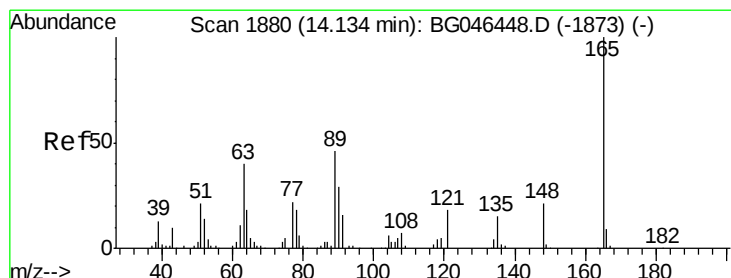
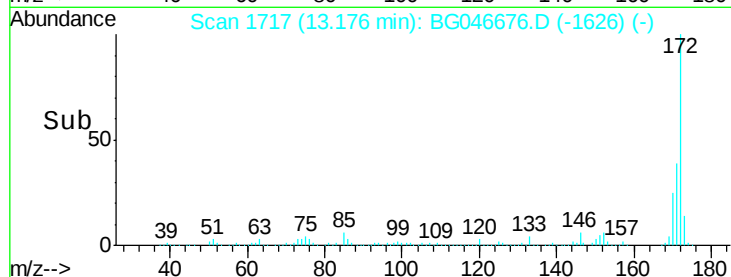
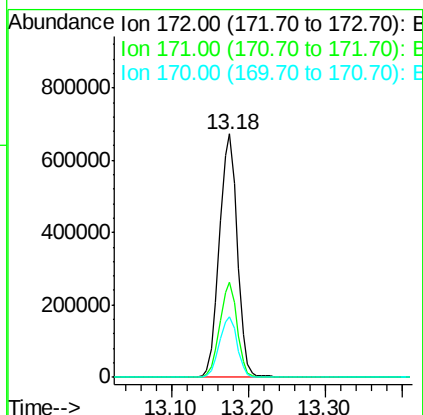
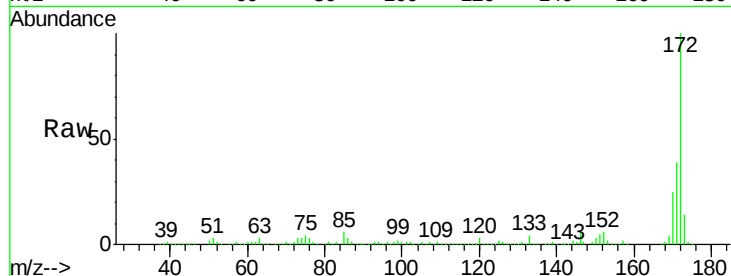




#45
 2-Fluorobiphenyl
 Concen: 84.507 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046676.D
 Acq: 18 Sep 2020 19:27

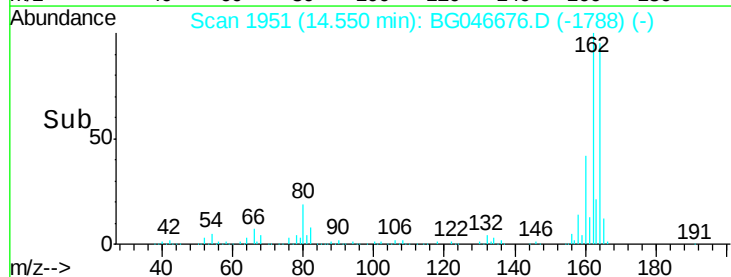
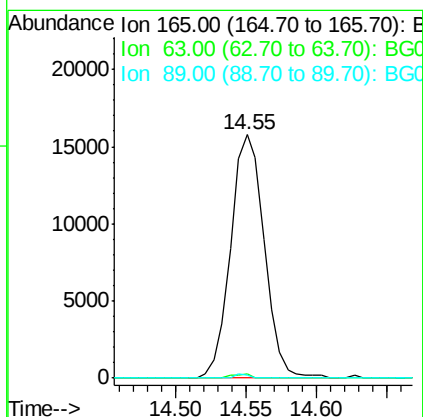
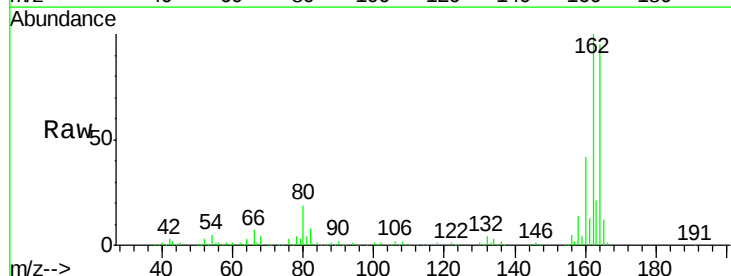
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 BNA_G
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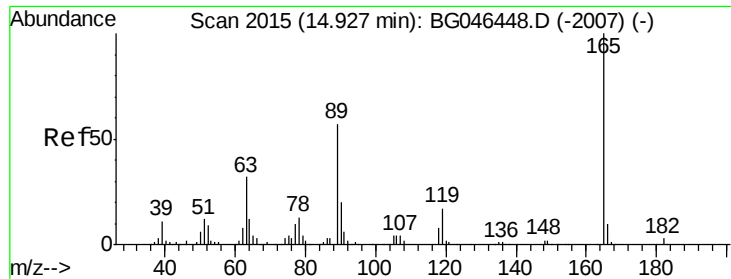
Tot Ion:172 Resp: 1083212
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.3 46.9
 170 24.9 20.8 31.2



#51
 2,6-Dinitrotoluene
 Concen: 7.834 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG046676.D
 Acq: 18 Sep 2020 19:27

Tgt Ion:165 Resp: 26141
 Ion Ratio Lower Upper
 165 100
 63 1.9 33.7 50.5#
 89 1.4 36.6 54.8#

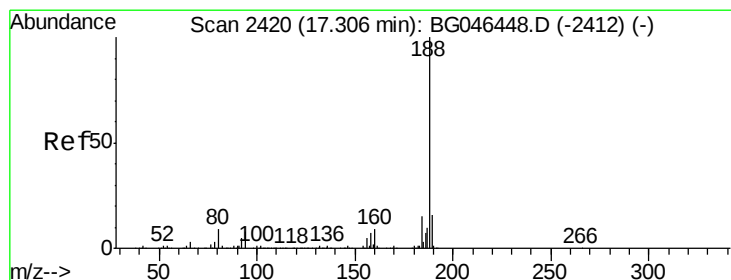
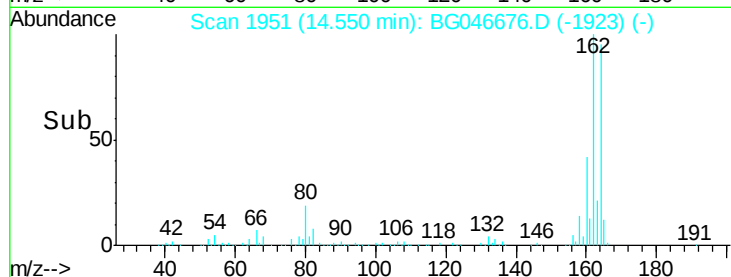
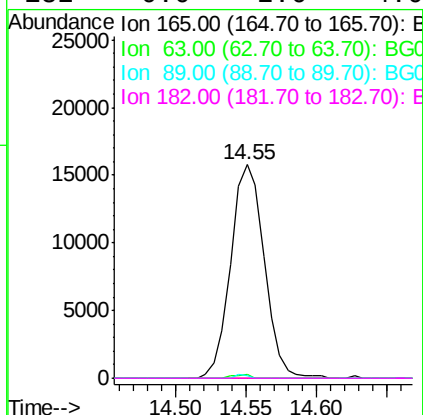
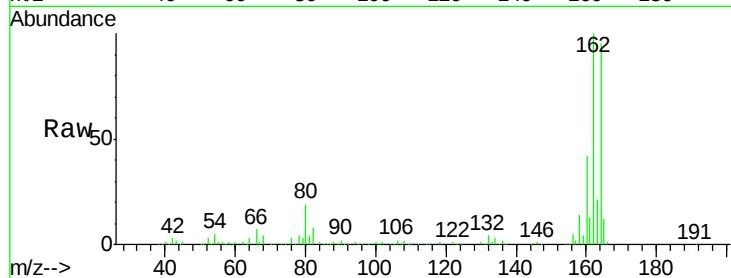




#57
 2,4-Dinitrotoluene
 Concen: 5.494 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046676.D
 Acq: 18 Sep 2020 19:27

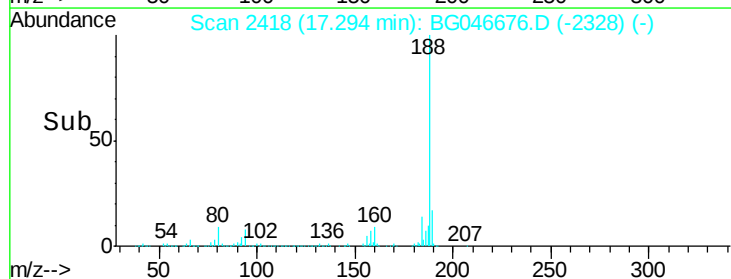
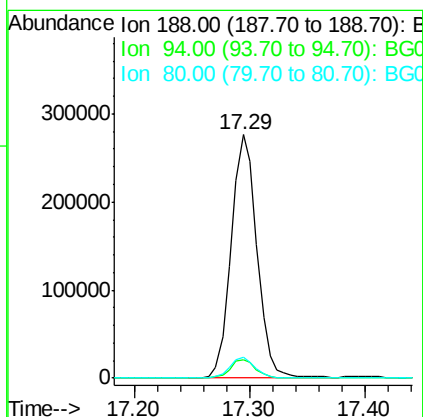
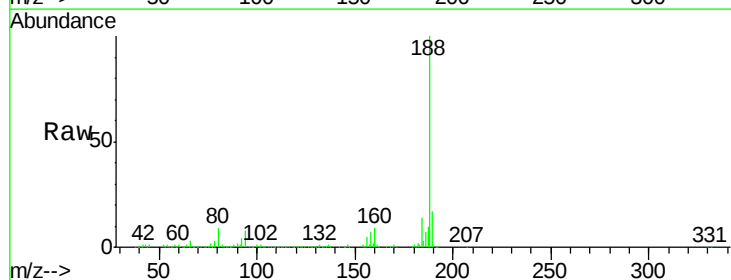
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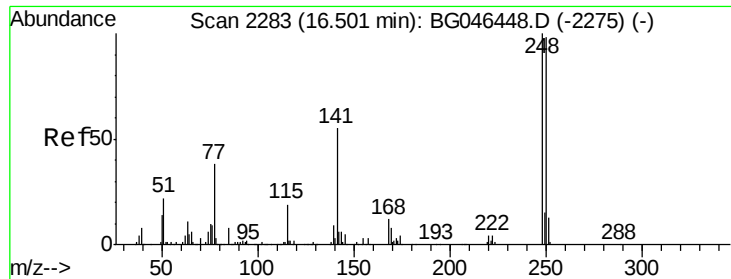
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	26.4	39.6#
89	1.4	47.8	71.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046676.D
 Acq: 18 Sep 2020 19:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.3	9.5
80	8.8	7.0	10.6

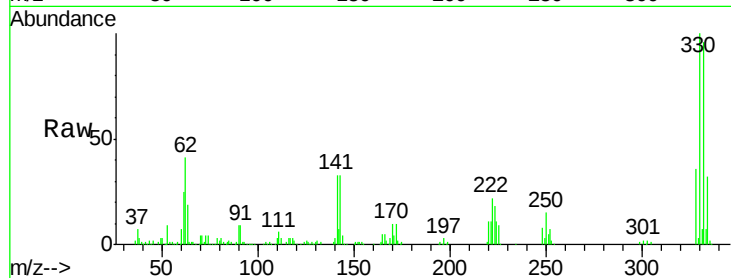




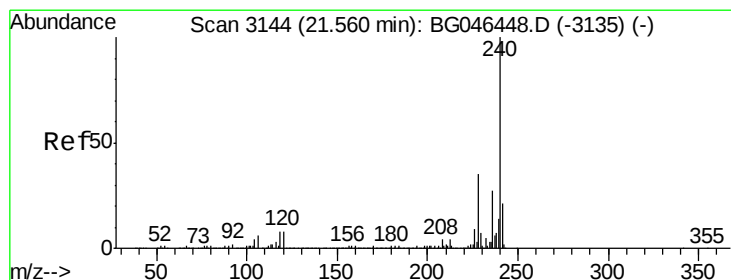
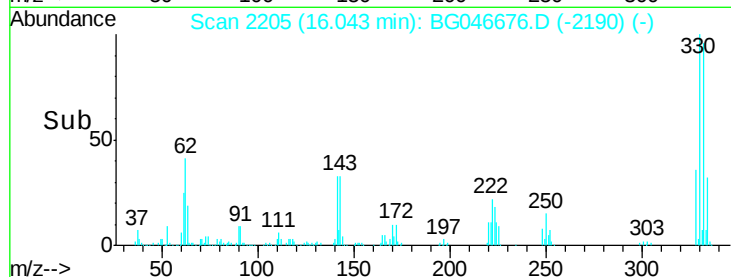
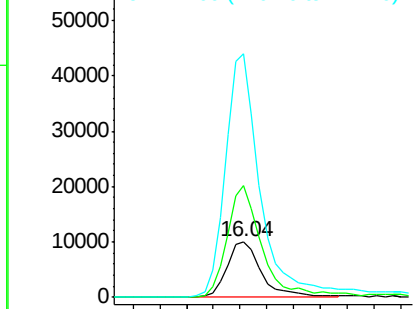
#67
4-Bromophenyl-phenylether
Concen: 3.699 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.44 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10

Tot Ion:248 Resp: 18431
Ion Ratio Lower Upper
248 100
250 200.9 78.9 118.3#
141 435.5 46.2 69.4#

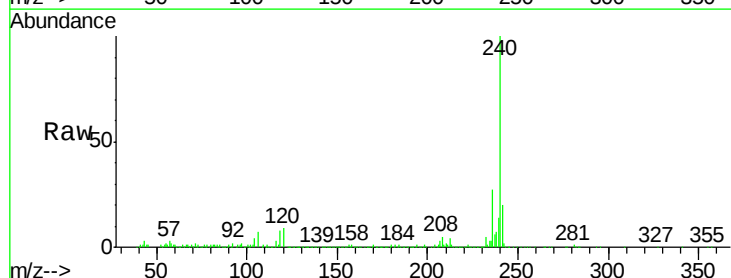


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

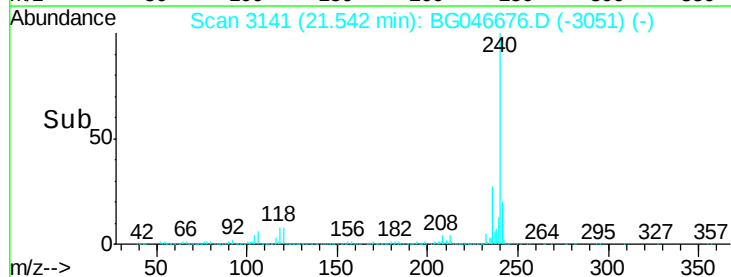
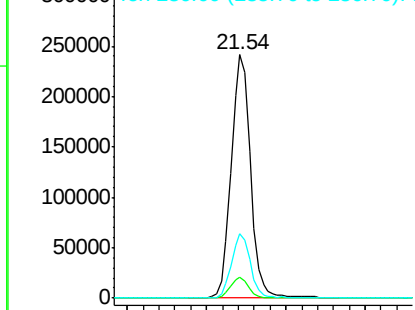


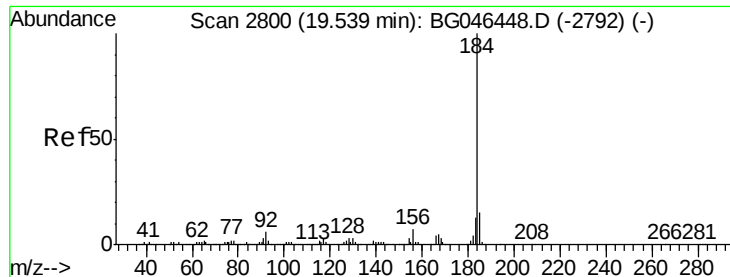
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

Tgt Ion:240 Resp: 408785
Ion Ratio Lower Upper
240 100
120 8.5 6.2 9.4
236 26.7 20.5 30.7



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: 2.665 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG046676.D

Acq: 18 Sep 2020 19:27

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10

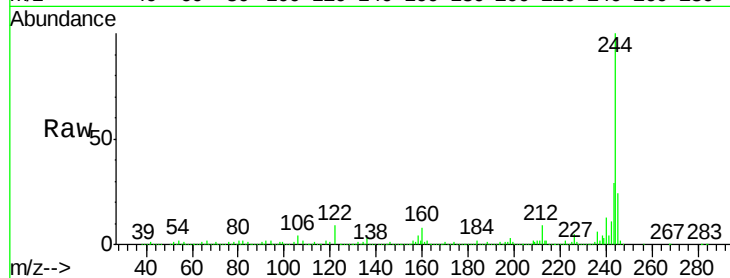
Tot Ion:184 Resp: 25316

Ion Ratio Lower Upper

184 100

185 19.8 12.4 18.6#

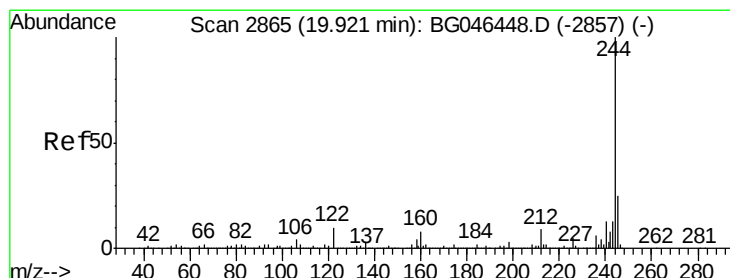
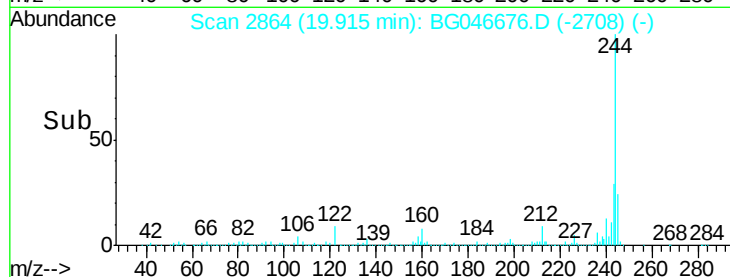
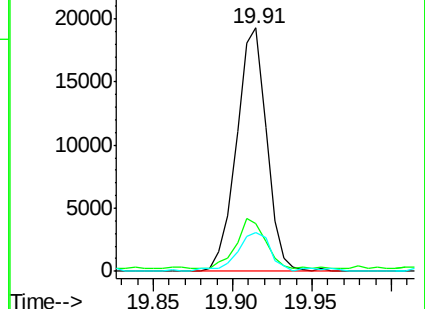
183 15.8 10.6 15.8



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: 83.691 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG046676.D

Acq: 18 Sep 2020 19:27

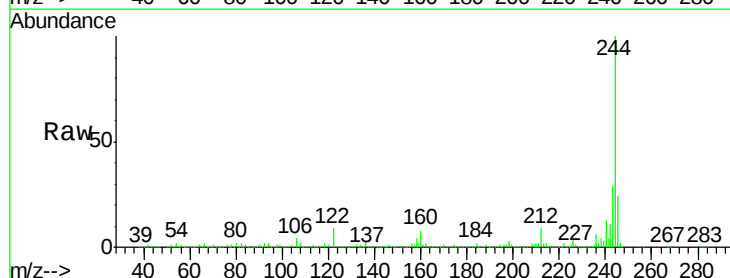
Tgt Ion:244 Resp: 1607551

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

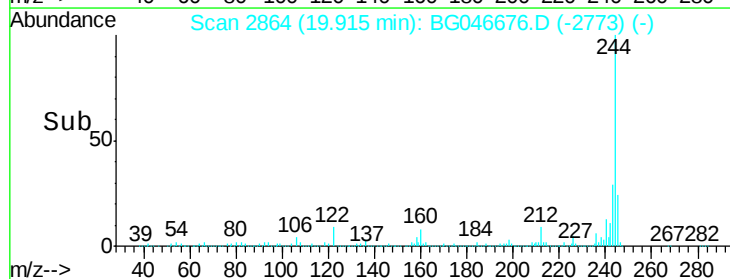
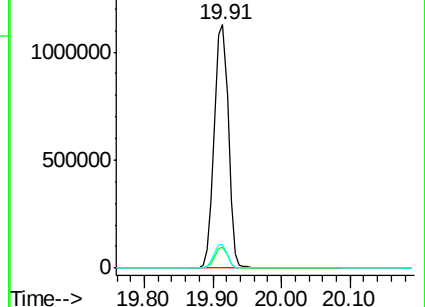
122 9.5 7.8 11.6

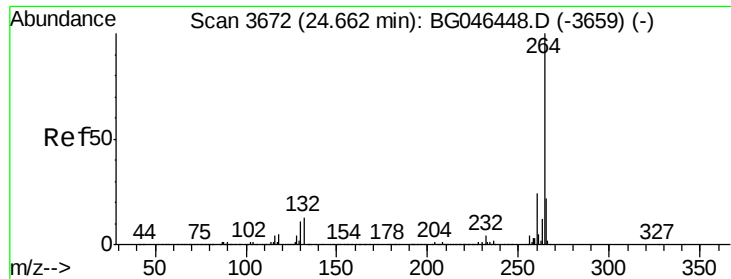


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

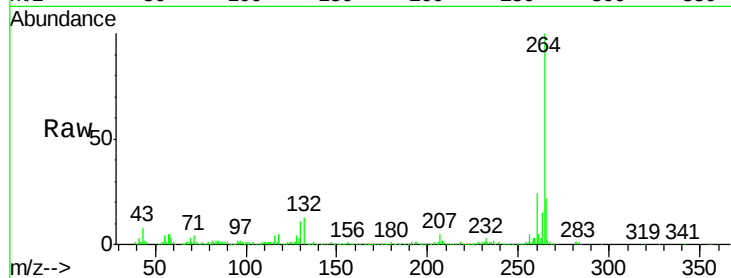




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046676.D
Acq: 18 Sep 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.0	17.8	26.8



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

