

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046562.D
 Acq On : 8 Sep 2020 17:55
 Operator : CG/JU
 Sample : L3808-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-DP

Quant Time: Sep 08 19:02:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

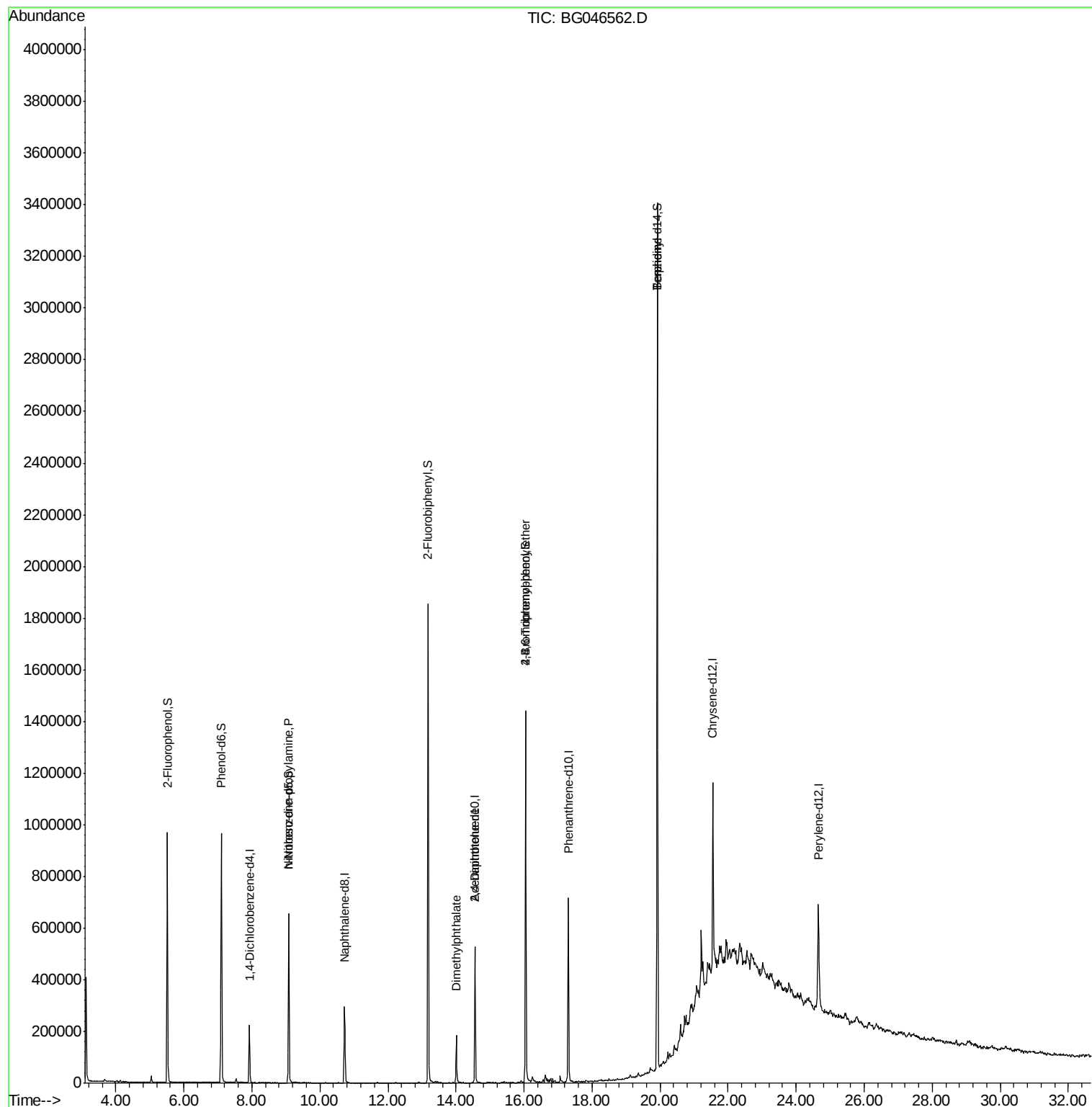
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67847	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	281595	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	203021	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	478768	20.00	ng	0.00
76) Chrysene-d12	21.55	240	436691	20.00	ng	0.00
86) Perylene-d12	24.65	264	435475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	464970	121.38	ng	0.00
7) Phenol-d6	7.10	99	608818	112.12	ng	0.00
23) Nitrobenzene-d5	9.08	82	413029	83.83	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	309363	112.46	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1064795	80.06	ng	0.00
79) Terphenyl-d14	19.92	244	1487067	72.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	52406	16.134	ng	Qvalue # 79
50) Dimethylphthalate	14.01	163	146776	9.345	ng	100
57) 2,4-Dinitrotoluene	14.55	165	26884	5.446	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	23896	4.278	ng	# 1
77) Benzidine	19.92	184	22615	2.229	ng	# 89

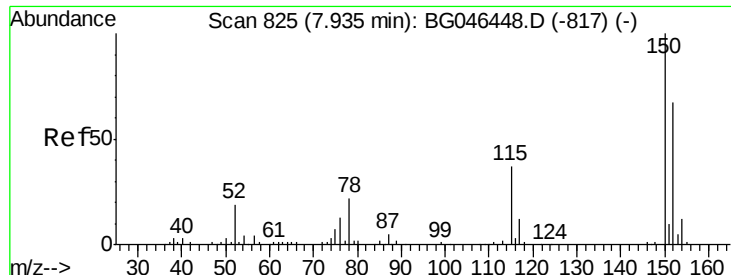
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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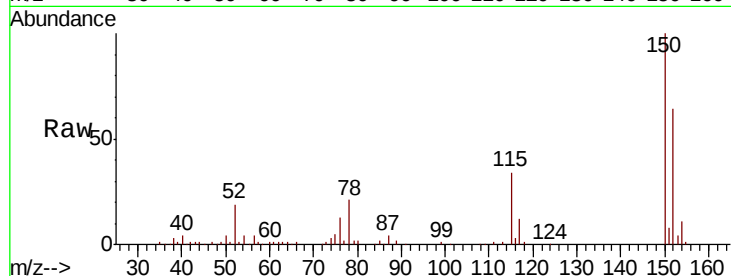




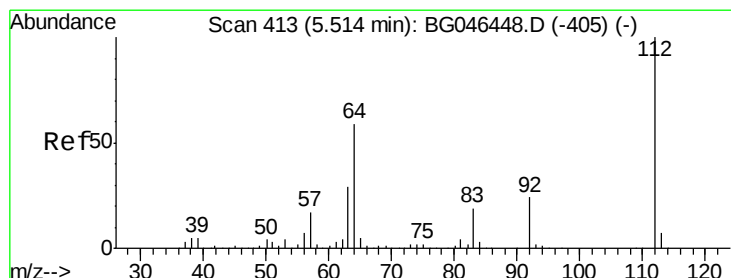
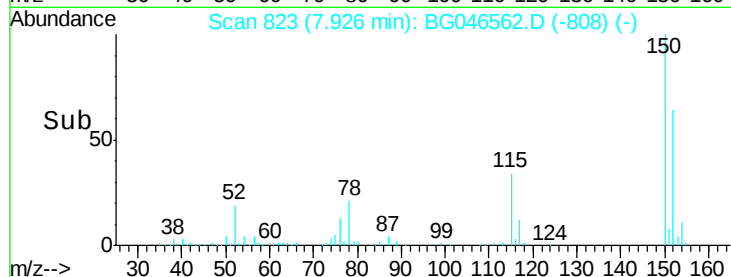
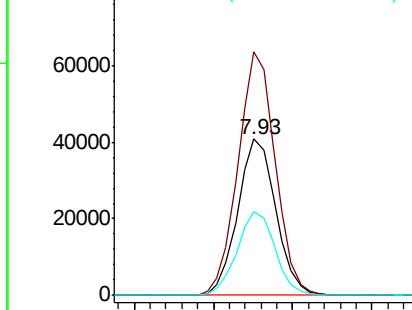
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046562.D
 Acq: 8 Sep 2020 17:55

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-DP

Tot Ion:152 Resp: 67847
 Ion Ratio Lower Upper
 152 100
 150 155.5 119.5 179.3
 115 53.1 44.3 66.5

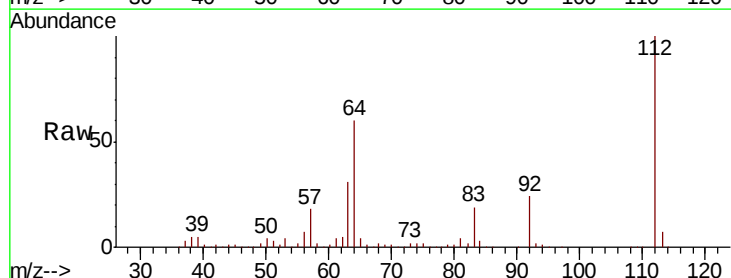


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

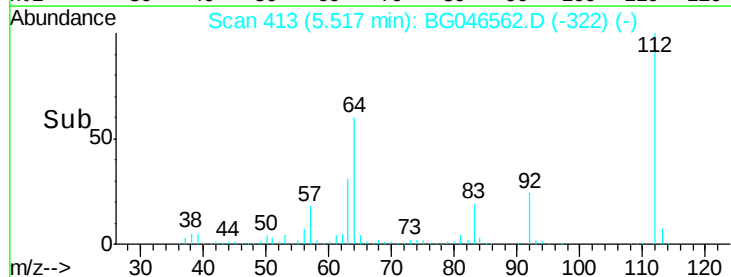
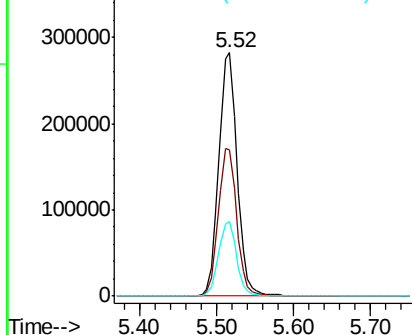


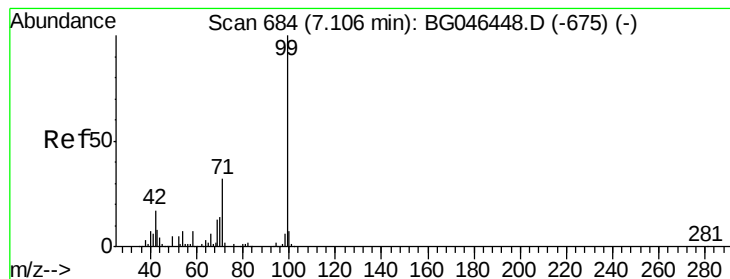
#5
 2-Fluorophenol
 Concen: 121.383 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046562.D
 Acq: 8 Sep 2020 17:55

Tgt Ion:112 Resp: 464970
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.0 70.6
 63 30.6 23.5 35.3



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





#7

Phenol-d6

Concen: 112.116 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046562.D

Acq: 8 Sep 2020 17:55

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-DP

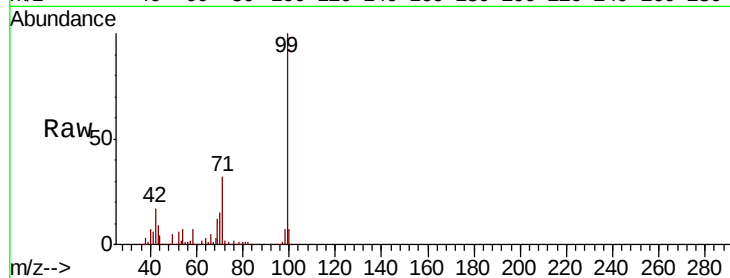
Tot Ion: 99 Resp: 608818

Ion Ratio Lower Upper

99 100

42 17.0 13.3 19.9

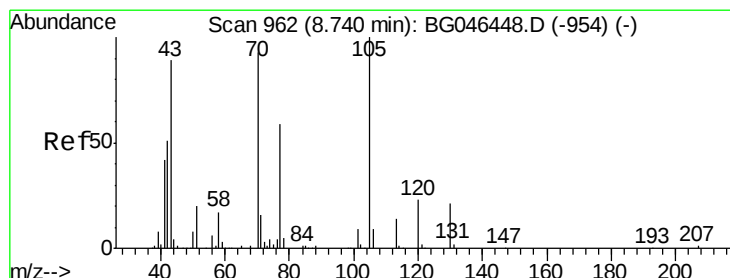
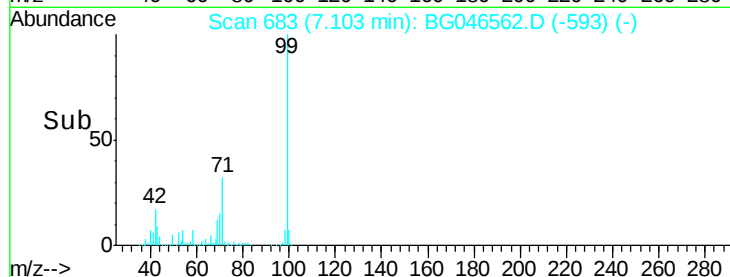
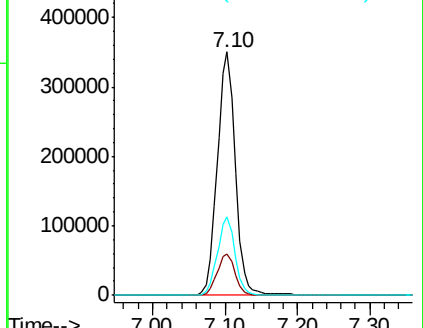
71 32.2 25.3 37.9



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: 16.134 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046562.D

Acq: 8 Sep 2020 17:55

Tgt Ion: 70 Resp: 52406

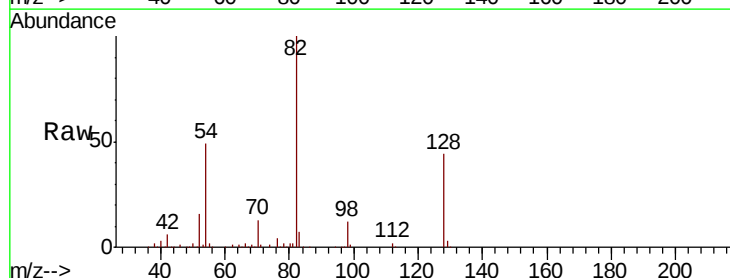
Ion Ratio Lower Upper

70 100

42 46.2 44.2 66.2

101 0.0 7.8 11.8#

130 2.9 18.2 27.4#

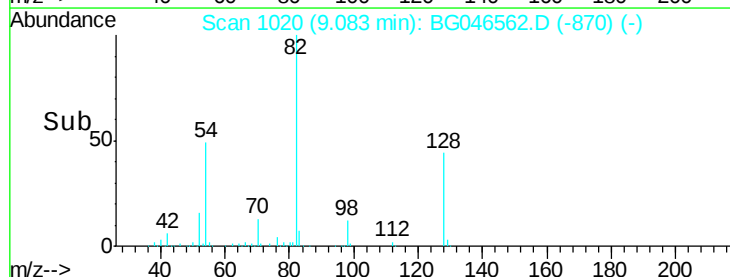
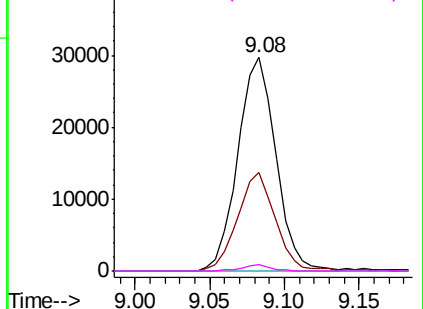


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

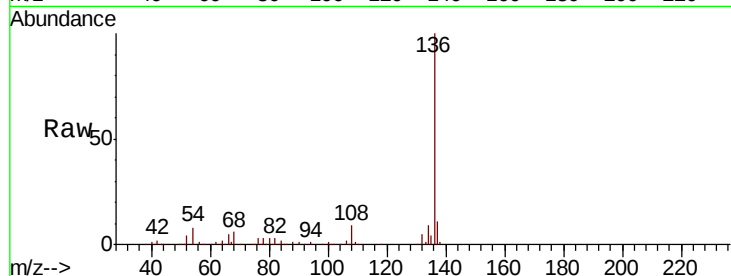




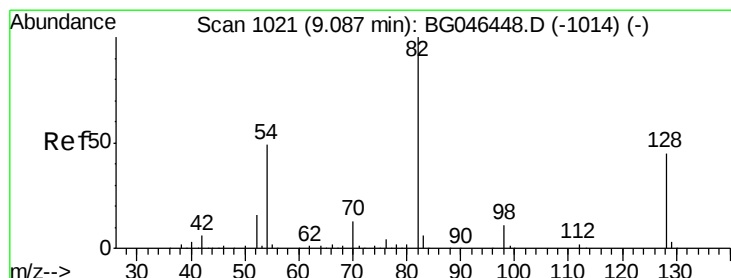
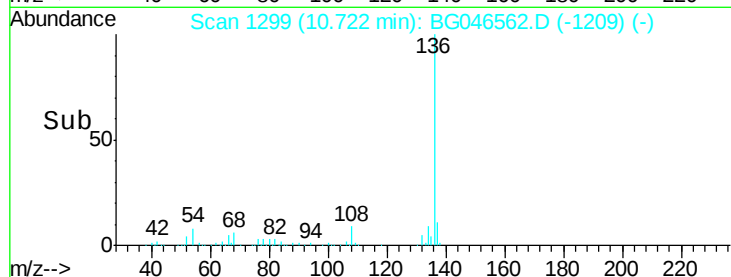
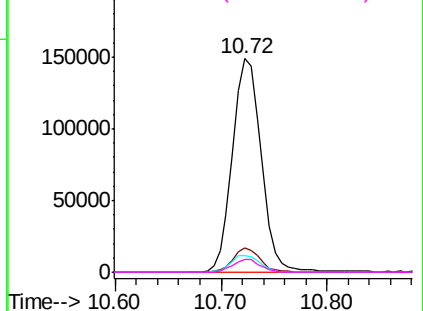
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046562.D
Acq: 8 Sep 2020 17:55

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-DP

Tot Ion:136	Resp:	281595
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 8.0	6.1	9.1
68 6.1	4.8	7.2

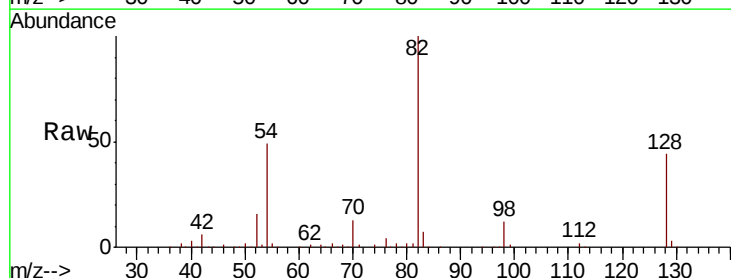


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

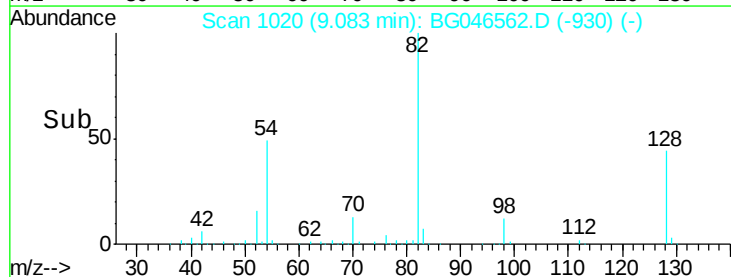
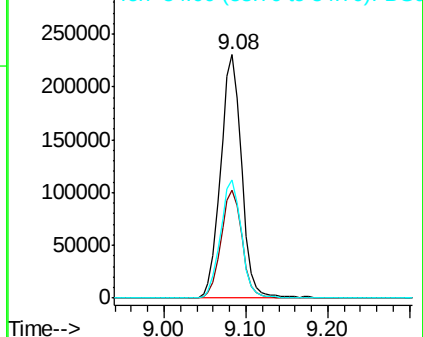


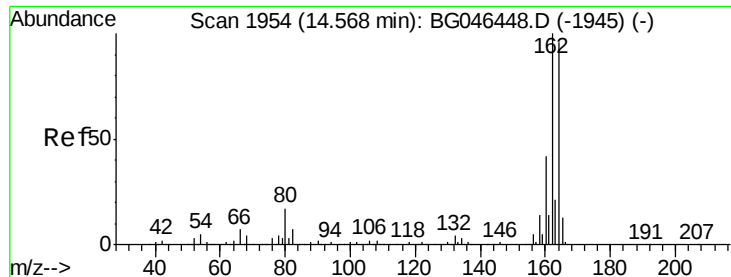
#23
Nitrobenzene-d5
Concen: 83.832 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046562.D
Acq: 8 Sep 2020 17:55

Tgt Ion: 82	Resp: 413029
Ion Ratio	Lower Upper
82 100	
128 44.2	35.7 53.5
54 48.7	39.4 59.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046562.D

Acq: 8 Sep 2020 17:55

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-DP

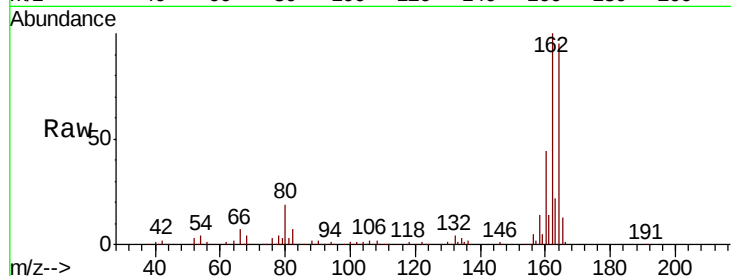
Tot Ion:164 Resp: 203021

Ion Ratio Lower Upper

164 100

162 104.9 83.3 124.9

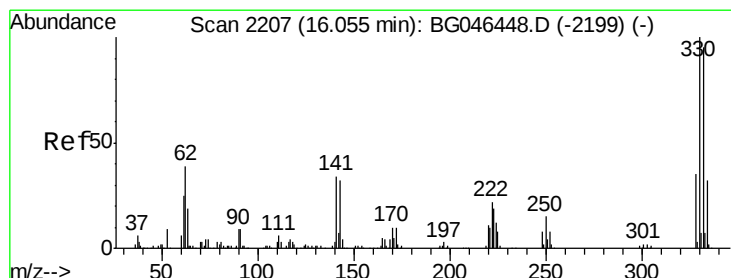
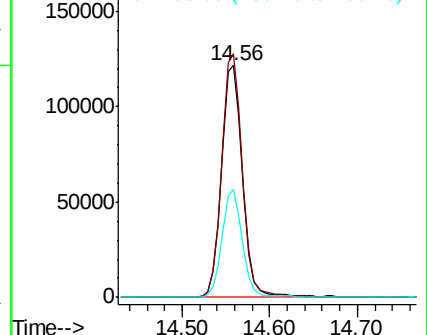
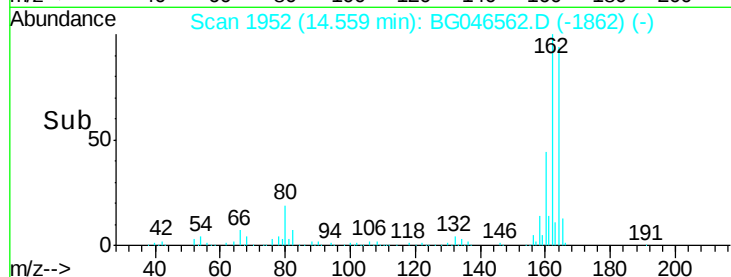
160 46.7 35.0 52.6



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: 112.463 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046562.D

Acq: 8 Sep 2020 17:55

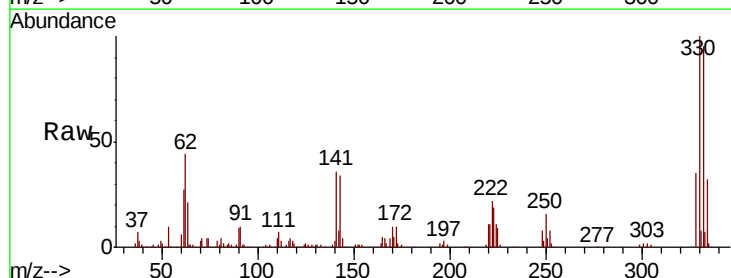
Tgt Ion:330 Resp: 309363

Ion Ratio Lower Upper

330 100

332 95.7 76.1 114.1

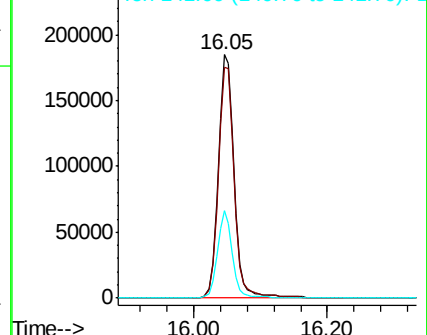
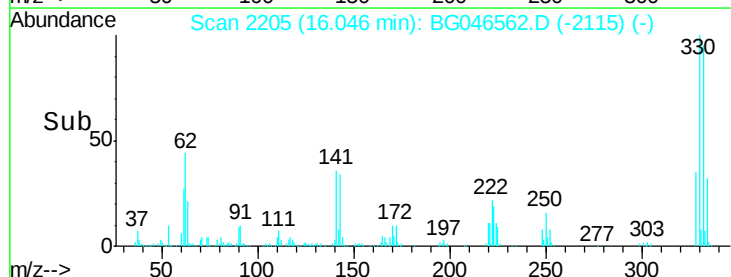
141 33.7 26.1 39.1

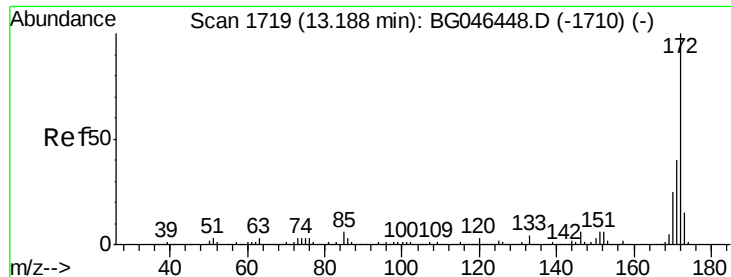


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

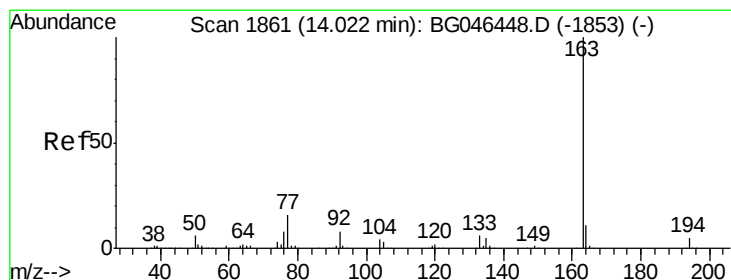
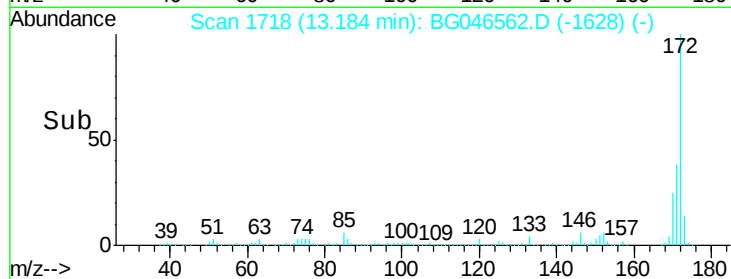
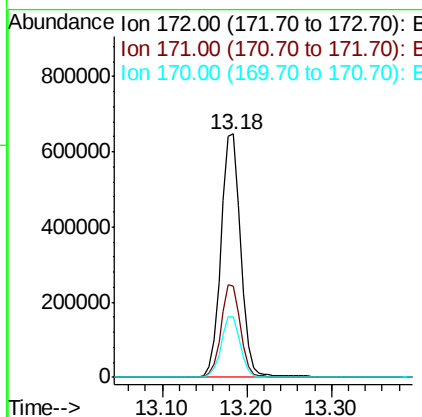
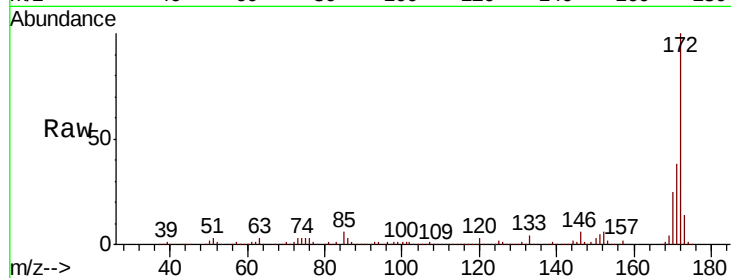




#45
2-Fluorobiphenyl
Concen: 80.064 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046562.D
Acq: 8 Sep 2020 17:55

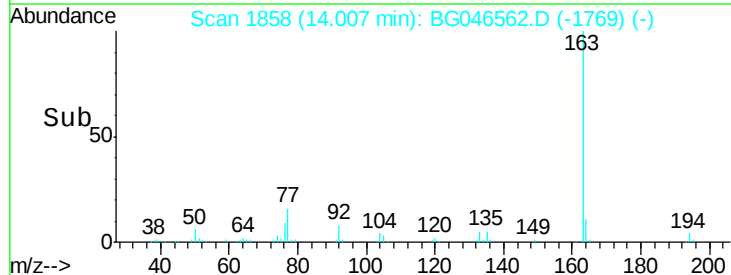
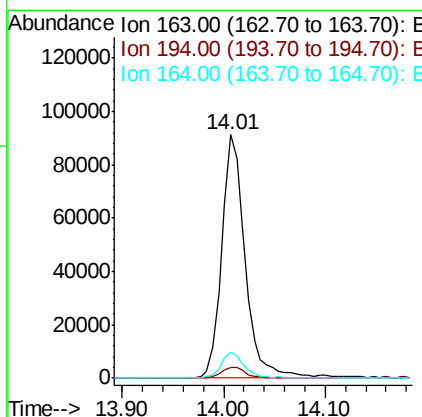
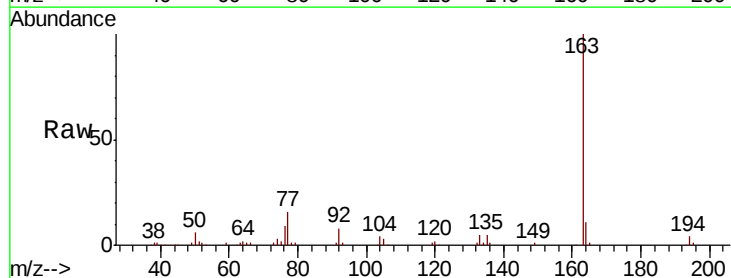
Instrument :
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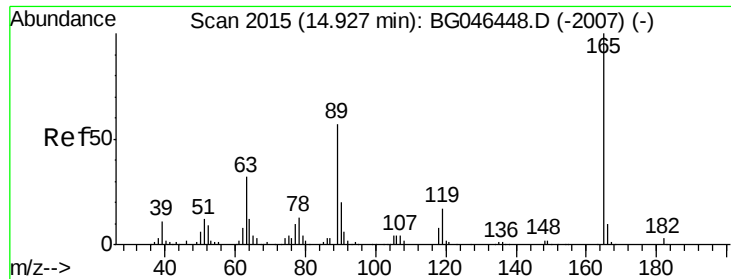
Tot Ion:172 Resp: 1064795
Ion Ratio Lower Upper
172 100
171 37.7 31.8 47.6
170 24.8 20.3 30.5



#50
Dimethylphthalate
Concen: 9.345 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046562.D
Acq: 8 Sep 2020 17:55

Tgt Ion:163 Resp: 146776
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.7 8.6 12.8

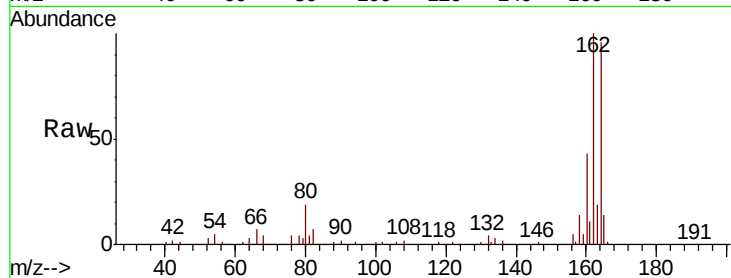




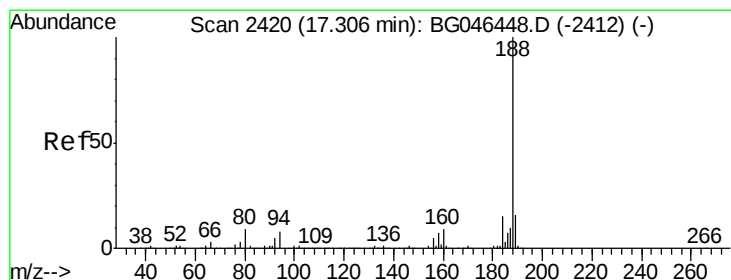
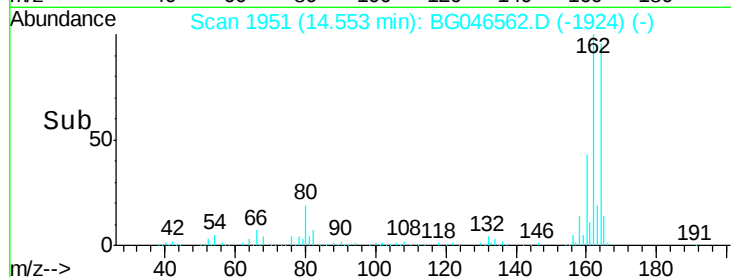
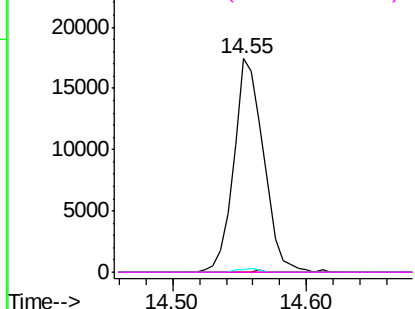
#57
 2,4-Dinitrotoluene
 Concen: 5.446 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046562.D
 Acq: 8 Sep 2020 17:55

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-DP

Tot Ion:165 Resp: 26884
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.4 45.9 68.9#
 182 0.0 2.3 3.5#

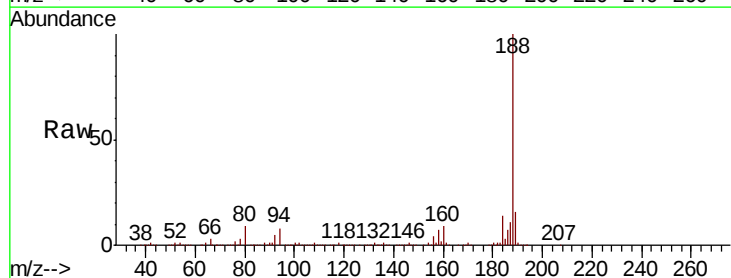


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

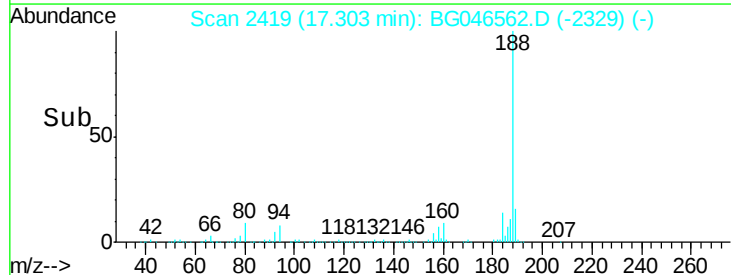
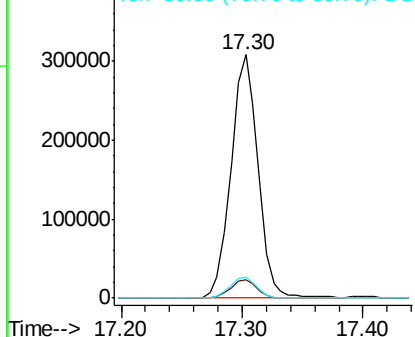


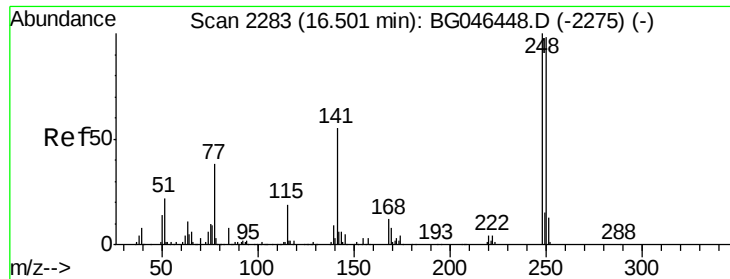
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046562.D
 Acq: 8 Sep 2020 17:55

Tgt Ion:188 Resp: 478768
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.3 9.5
 80 8.7 6.9 10.3



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

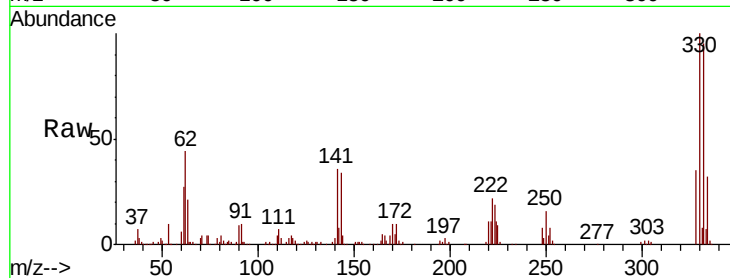




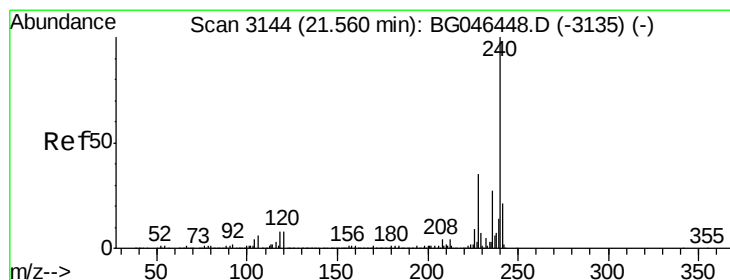
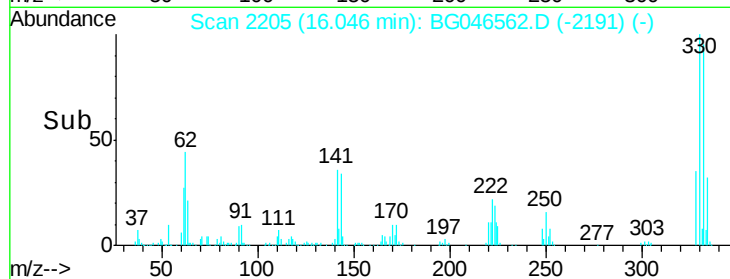
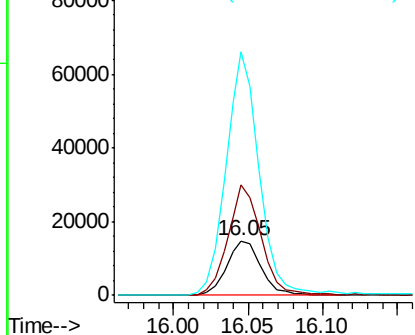
#67
 4-Bromophenyl-phenylether
 Concen: 4.278 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG046562.D
 Acq: 8 Sep 2020 17:55

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-DP

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.6	78.6	118.0#
141	444.3	43.9	65.9#

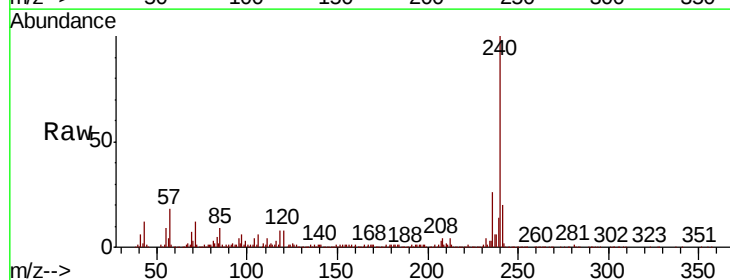


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

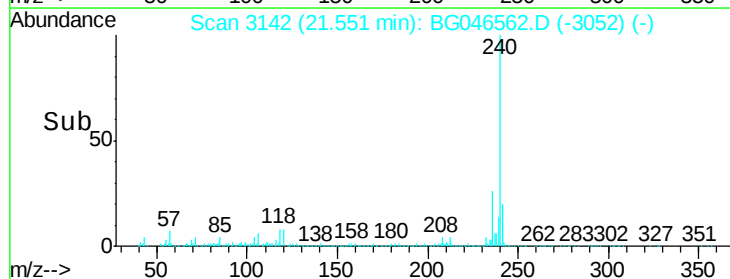
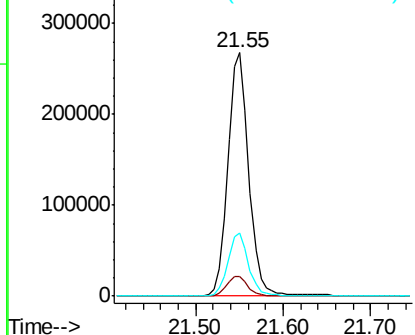


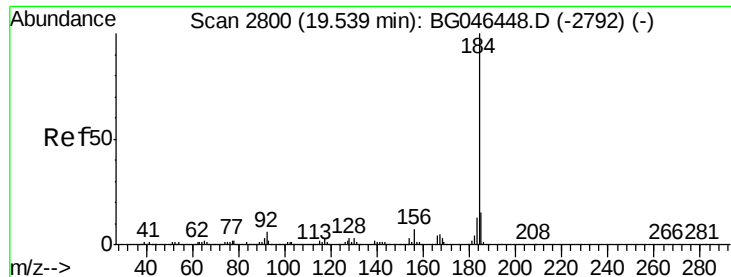
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG046562.D
 Acq: 8 Sep 2020 17:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.0	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: 2.229 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046562.D

Acq: 8 Sep 2020 17:55

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-DP

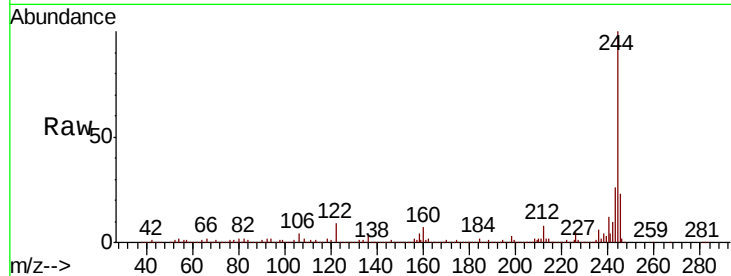
Tot Ion:184 Resp: 22615

Ion Ratio Lower Upper

184 100

185 20.0 11.8 17.8#

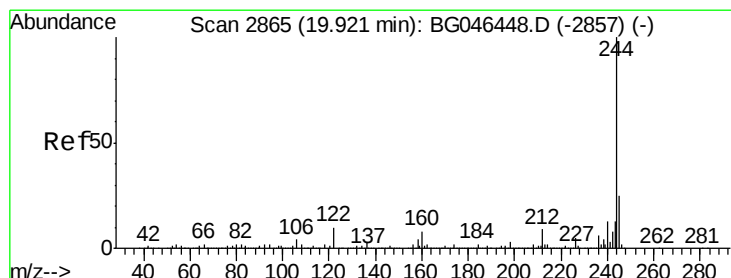
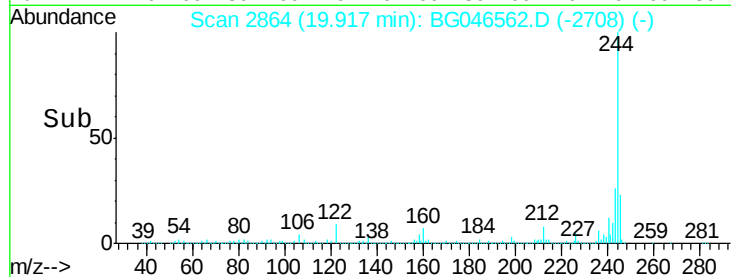
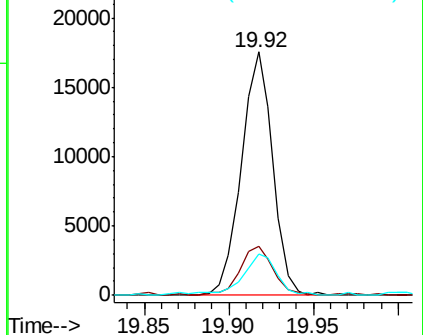
183 17.2 10.7 16.1#



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: 72.471 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046562.D

Acq: 8 Sep 2020 17:55

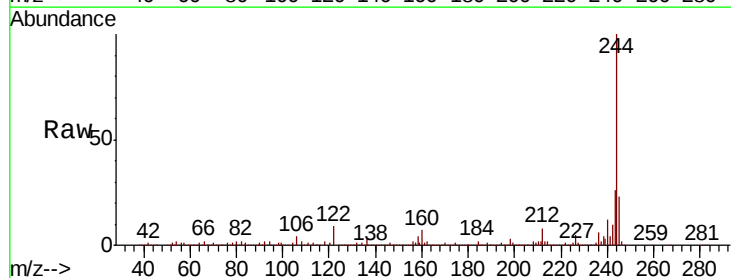
Tgt Ion:244 Resp: 1487067

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

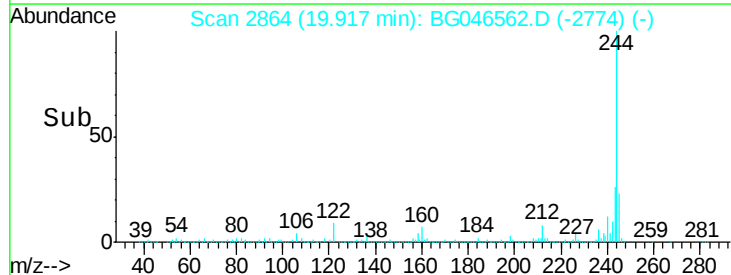
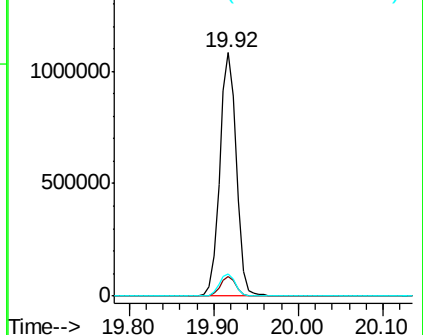
122 9.3 8.2 12.4

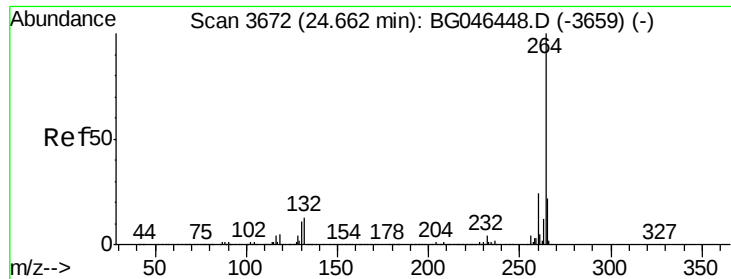


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046562.D
Acq: 8 Sep 2020 17:55

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-DP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.9	26.9

