

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046625.D
 Acq On : 15 Sep 2020 15:26
 Operator : CG/JU
 Sample : L3993-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B41-091120-GW

Quant Time: Sep 15 18:50:09 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

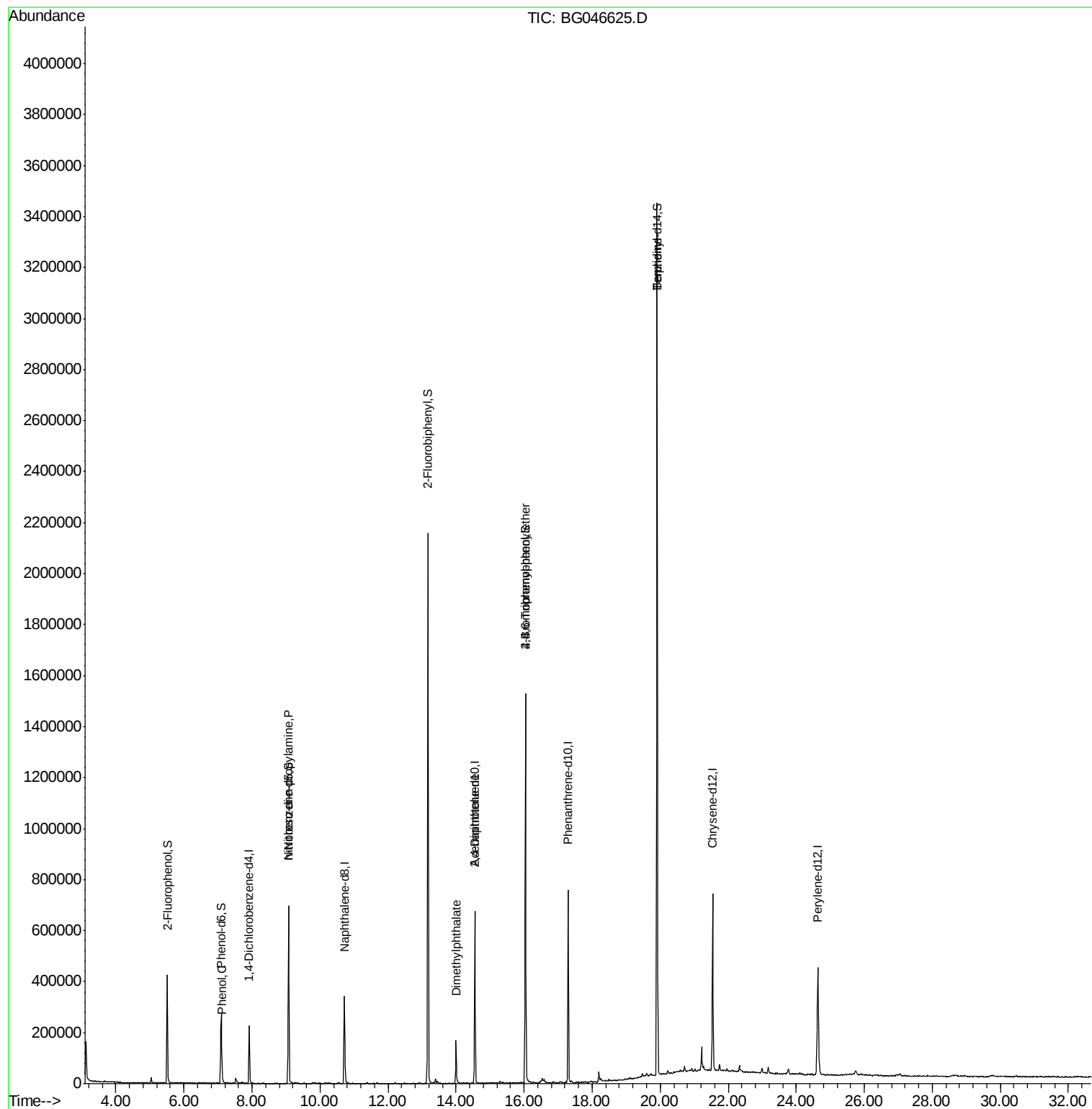
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71546	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	329218	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	246239	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	500000	20.00	ng	0.00
76) Chrysene-d12	21.54	240	454247	20.00	ng	0.00
86) Perylene-d12	24.63	264	462279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	211392	52.33	ng	0.00
7) Phenol-d6	7.09	99	191105	33.37	ng	0.00
23) Nitrobenzene-d5	9.08	82	447499	77.69	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	320974	96.20	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1227605	76.11	ng	0.00
79) Terphenyl-d14	19.91	244	1489346	69.78	ng	0.00
Target Compounds						
10) Phenol	7.12	94	17132	3.248	ng	94
19) n-Nitroso-di-n-propylamine	9.08	70	58156	16.979	ng	# 74
50) Dimethylphthalate	14.01	163	135189	7.096	ng	98
57) 2,4-Dinitrotoluene	14.55	165	32545	5.435	ng	# 32
67) 4-Bromophenyl-phenylether	16.04	248	24193	4.147	ng	# 1
77) Benzidine	19.91	184	23408	2.218	ng	# 93

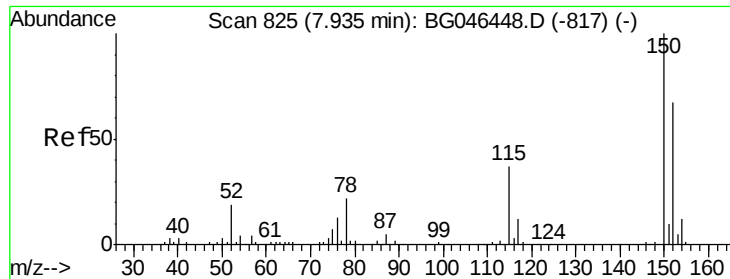
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046625.D
Acq On : 15 Sep 2020 15:26
Operator : CG/JU
Sample : L3993-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B41-091120-GW

Quant Time: Sep 15 18:50:09 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

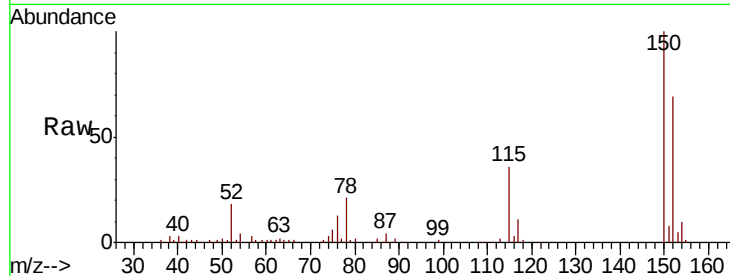




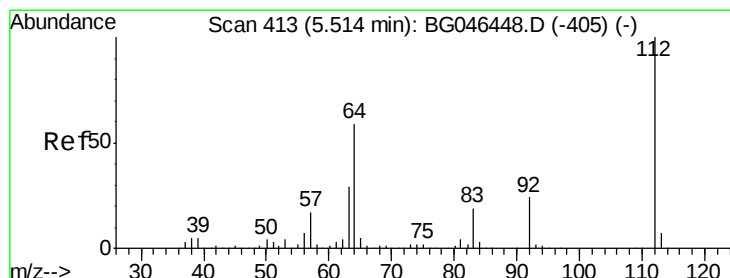
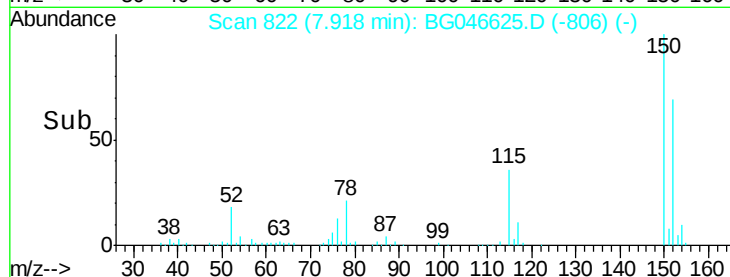
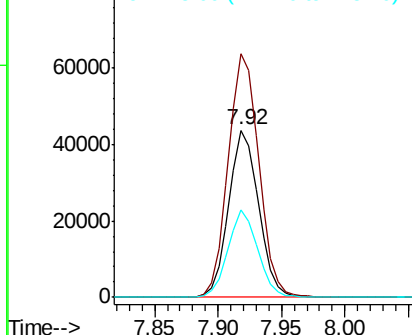
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046625.D
 Acq: 15 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B41-091120-GW

Tot Ion:152 Resp: 71546
 Ion Ratio Lower Upper
 152 100
 150 145.9 119.5 179.3
 115 52.4 44.3 66.5

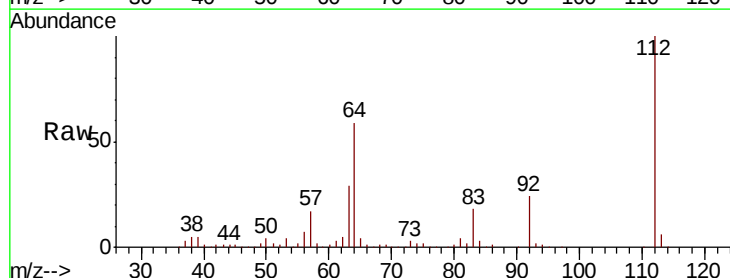


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

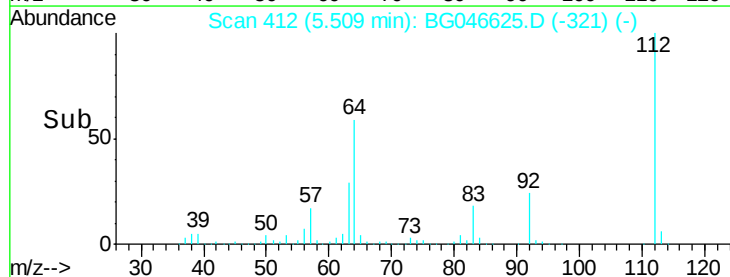
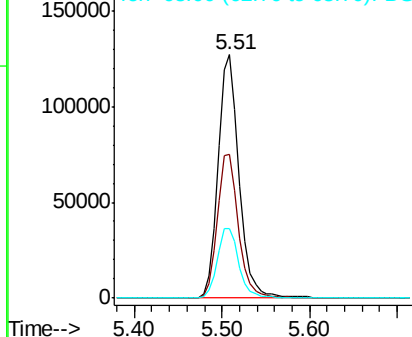


#5
 2-Fluorophenol
 Concen: 52.332 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG046625.D
 Acq: 15 Sep 2020 15:26

Tgt Ion:112 Resp: 211392
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.0 70.6
 63 28.6 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.373 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PAV-B41-091120-GW

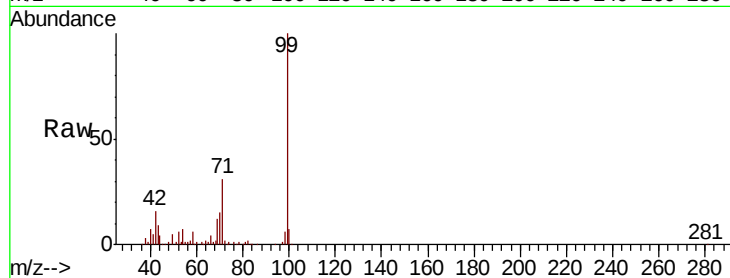
Tot Ion: 99 Resp: 191105

Ion Ratio Lower Upper

99 100

42 16.3 13.3 19.9

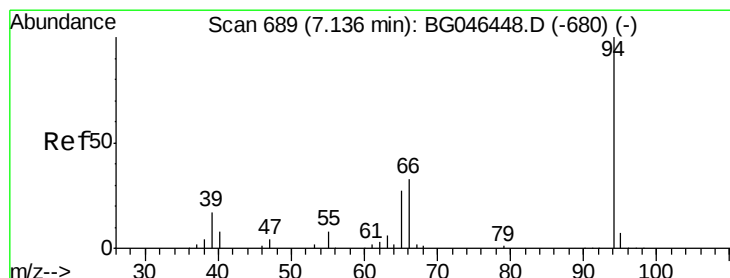
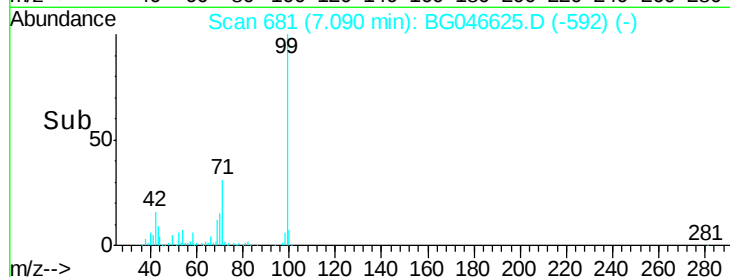
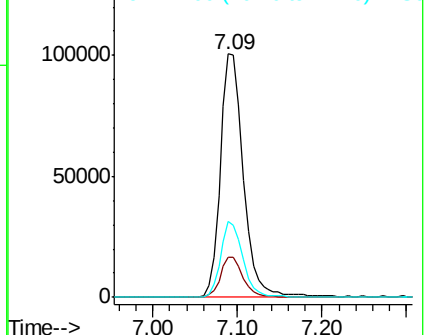
71 31.0 25.3 37.9



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



#10

Phenol

Concen: 3.248 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

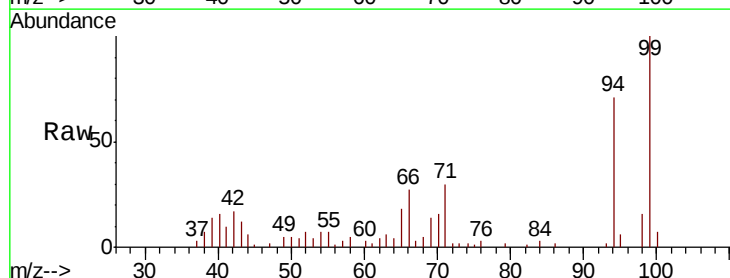
Tgt Ion: 94 Resp: 17132

Ion Ratio Lower Upper

94 100

65 25.8 7.5 47.5

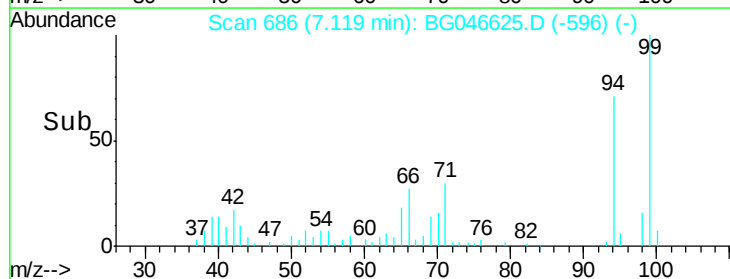
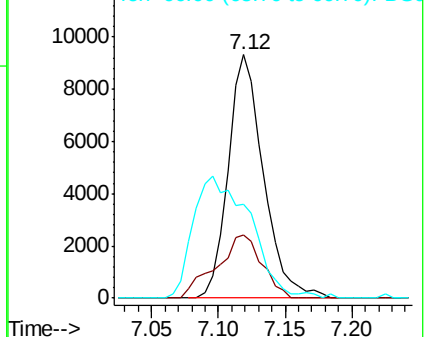
66 38.4 14.1 54.1

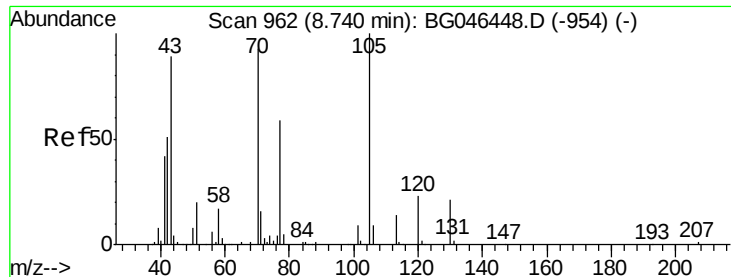


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

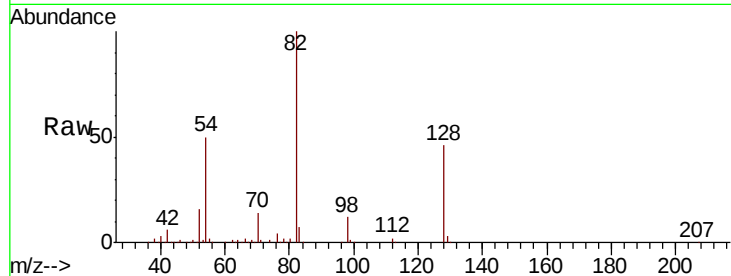




#19
n-Nitroso-di-n-propylamine
Concen: 16.979 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.35 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

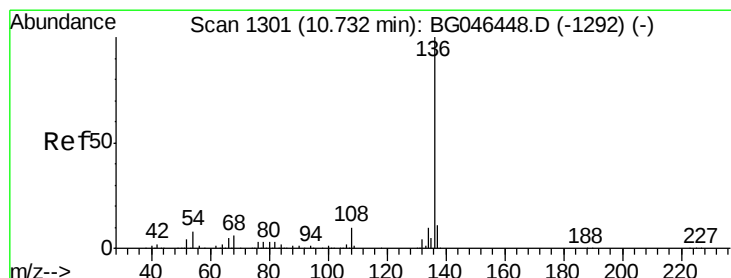
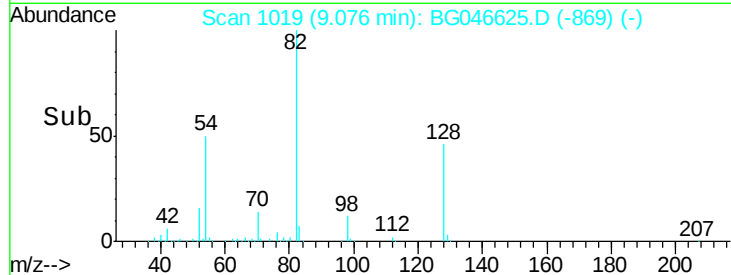
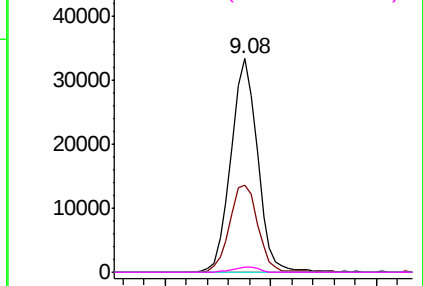
Instrument :
BNA_G
ClientSampleId :
PAV-B41-091120-GW

Tot Ion: 70 Resp: 58156
Ion Ratio Lower Upper
70 100
42 41.1 44.2 66.2#
101 0.0 7.8 11.8#
130 2.4 18.2 27.4#



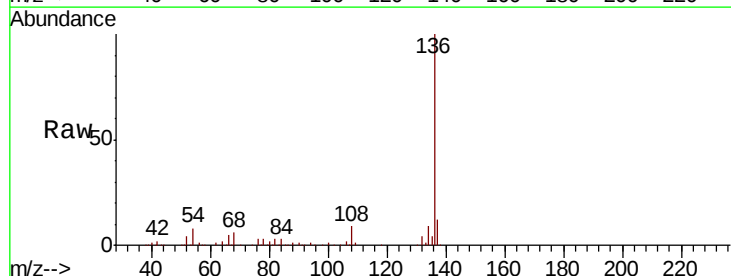
Abundance

Ion 70.00 (69.70 to 70.70): BGC



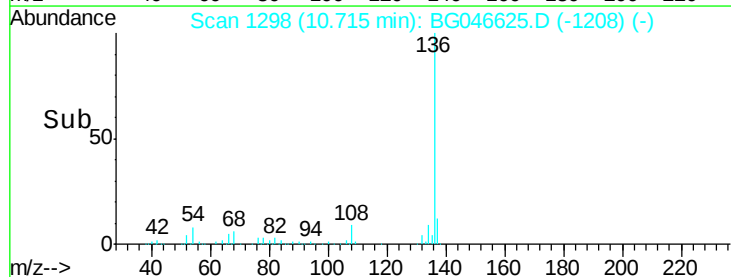
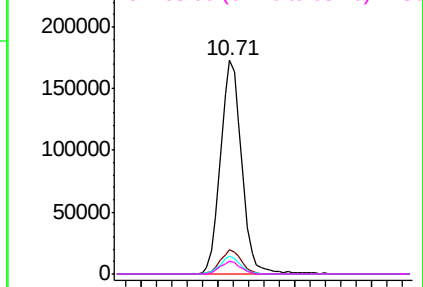
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

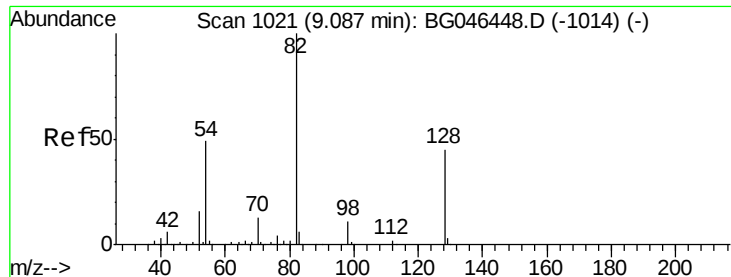
Tgt Ion: 136 Resp: 329218
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.4 6.1 9.1
68 5.9 4.8 7.2



Abundance

Ion 136.00 (135.70 to 136.70): BGC

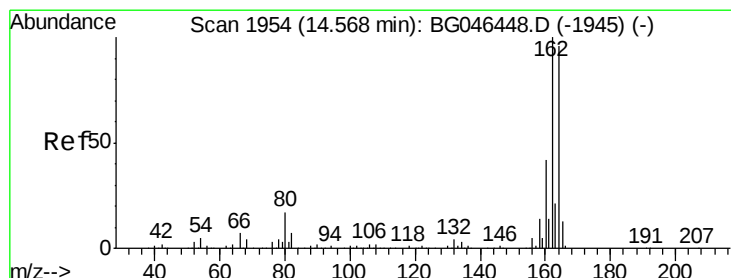
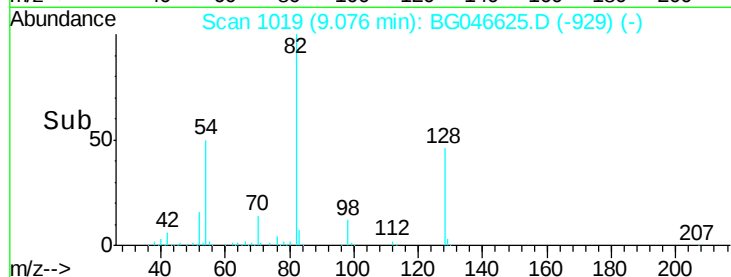
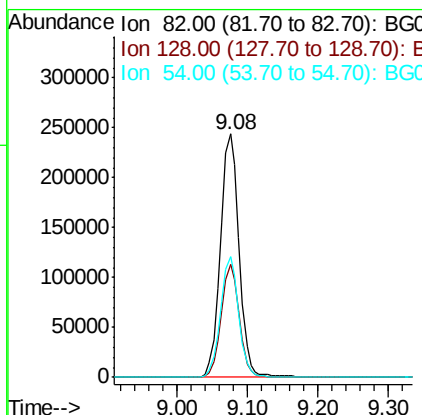
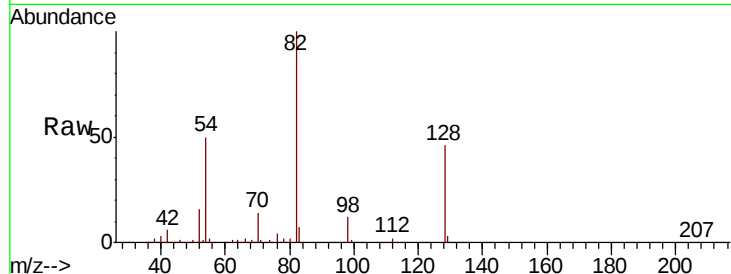




#23
Nitrobenzene-d5
Concen: 77.690 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

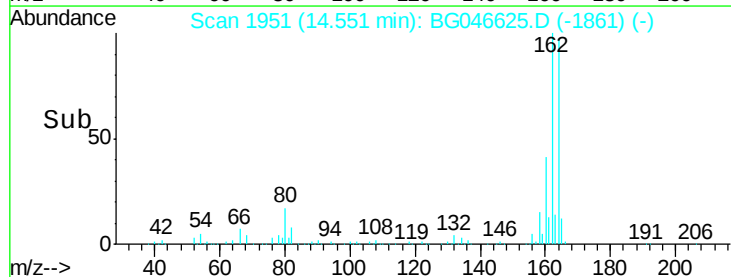
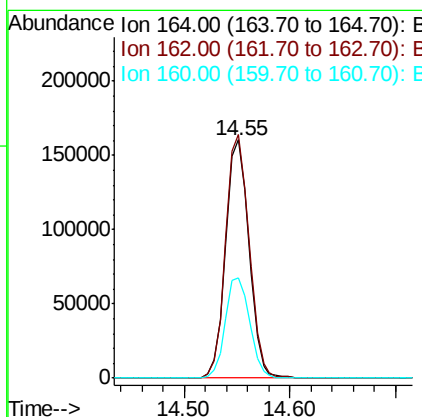
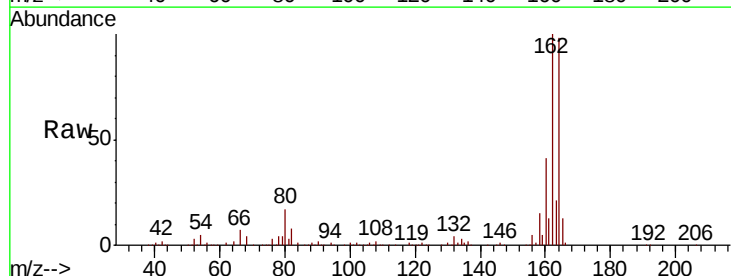
Instrument :
BNA_G
ClientSampleId :
PAV-B41-091120-GW

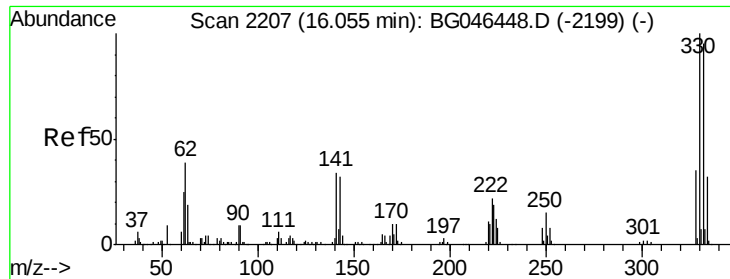
Tot Ion	82	Resp	447499
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.7	53.5
54	49.6	39.4	59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Tgt Ion	164	Resp	246239
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.3	124.9
160	42.2	35.0	52.6

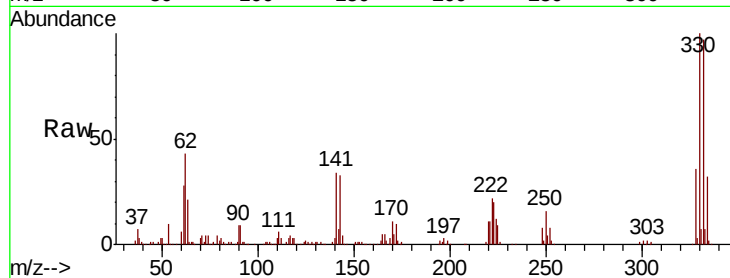




#42
 2,4,6-Tribromophenol
 Concen: 96.205 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG046625.D
 Acq: 15 Sep 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B41-091120-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	32.9	26.1	39.1

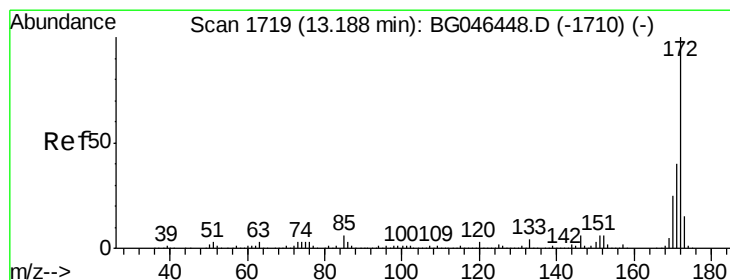
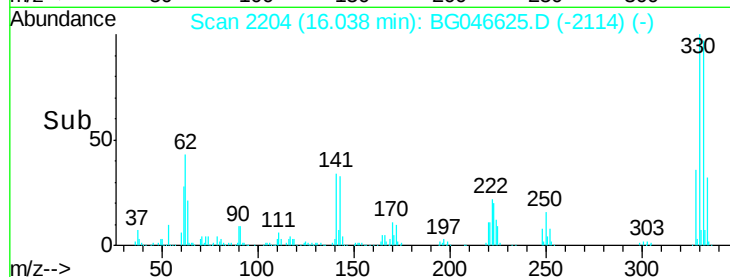
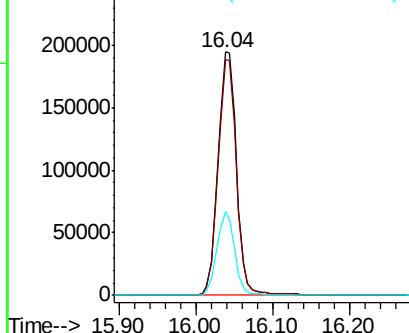


Abundance

Ion 329.80 (329.50 to 330.50): E

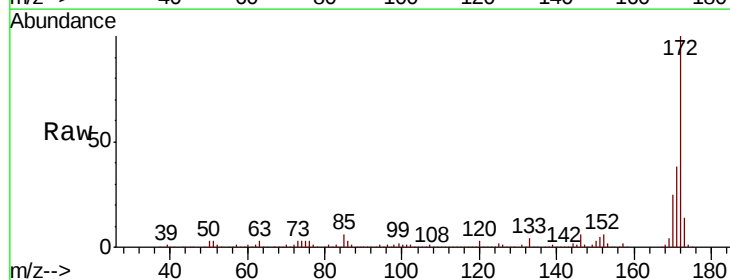
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.106 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG046625.D
 Acq: 15 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.6
170	25.3	20.3	30.5

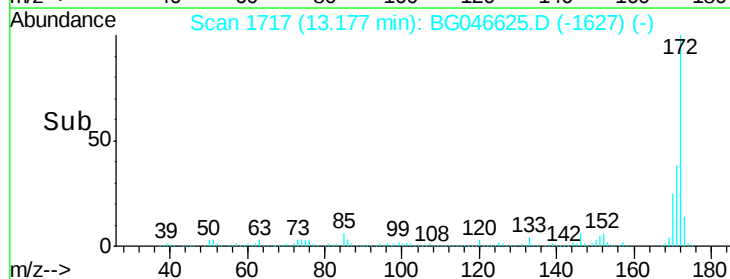
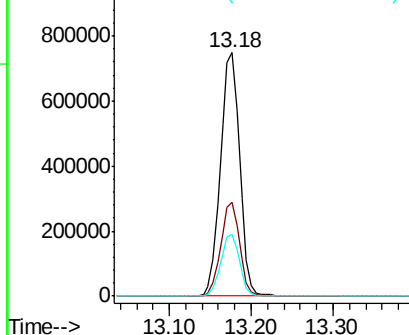


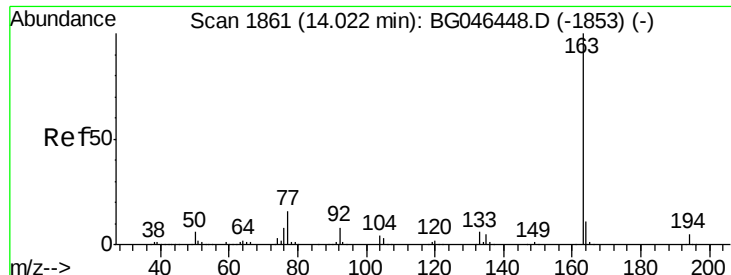
Abundance

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





#50

Dimethylphthalate

Concen: 7.096 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PAV-B41-091120-GW

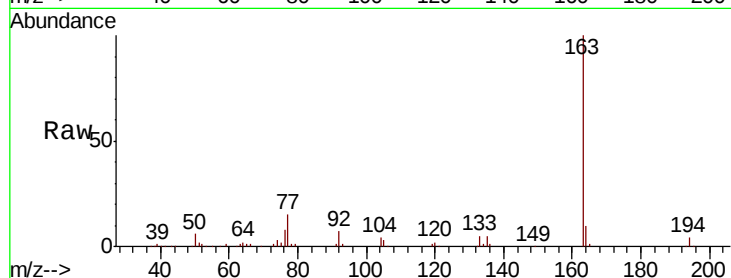
Tot Ion:163 Resp: 135189

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

164 9.7 8.6 12.8

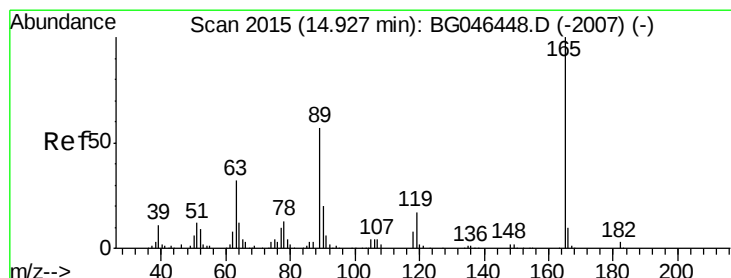
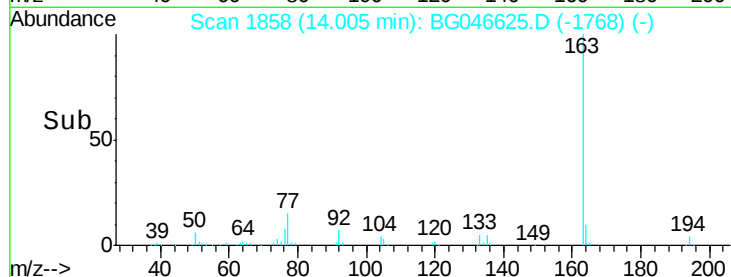
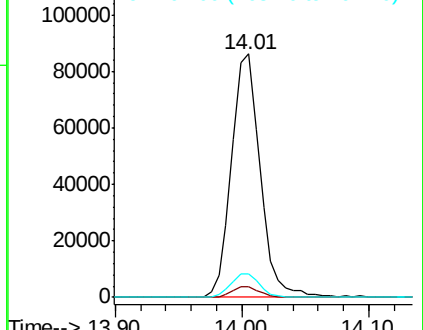


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.435 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.37 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Tgt Ion:165 Resp: 32545

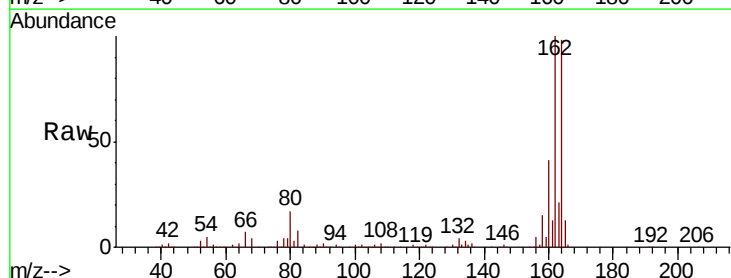
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.0 45.9 68.9#

182 0.0 2.3 3.5#



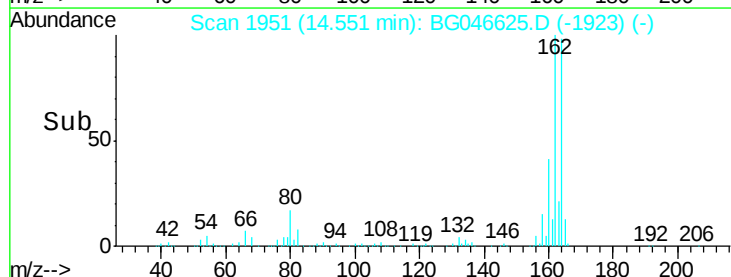
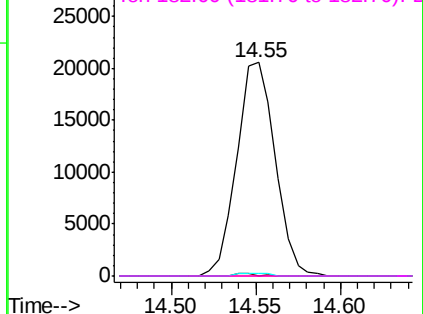
Abundance

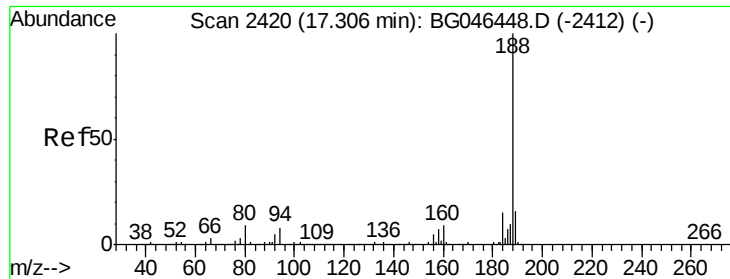
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E

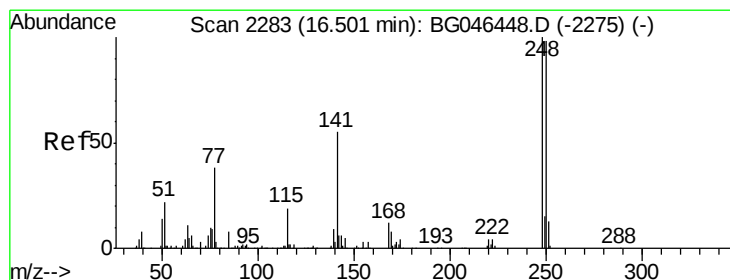
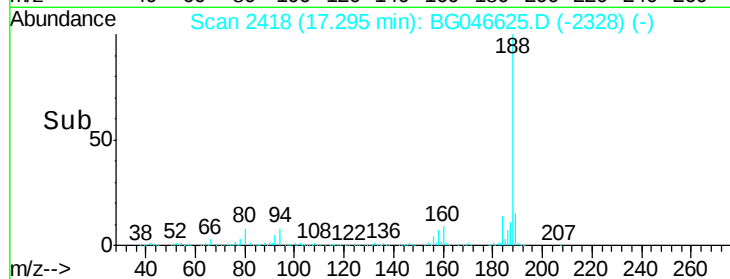
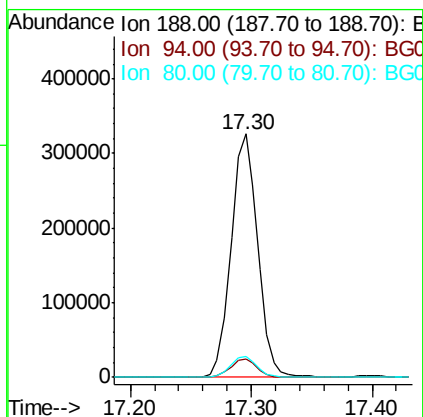
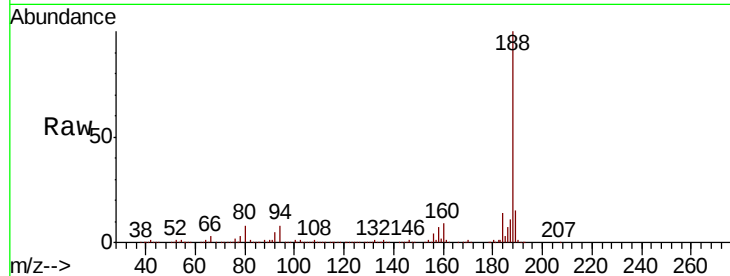




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

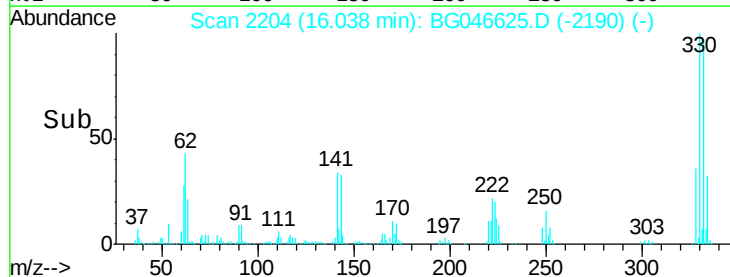
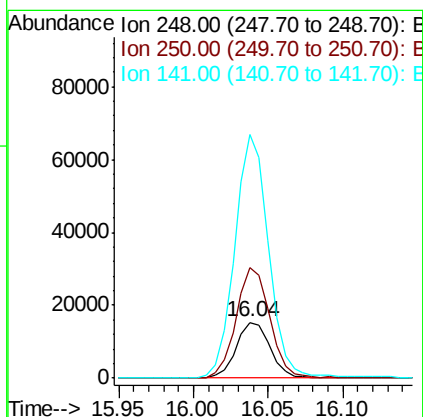
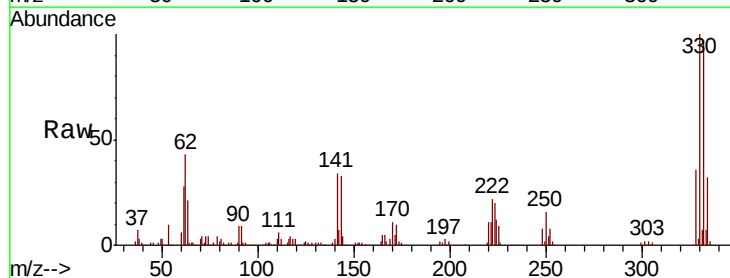
Instrument :
BNA_G
ClientSampleId :
PAV-B41-091120-GW

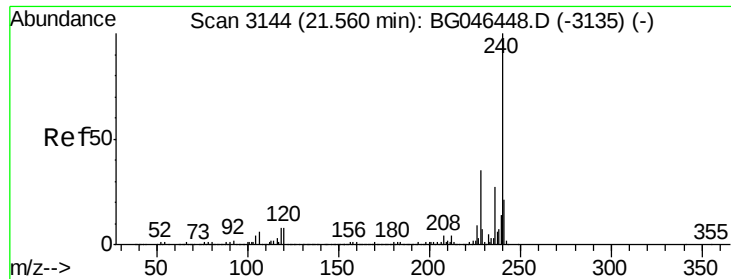
Tot Ion:188 Resp: 500000
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.5 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.147 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Tgt Ion:248 Resp: 24193
Ion Ratio Lower Upper
248 100
250 198.9 78.6 118.0#
141 437.4 43.9 65.9#

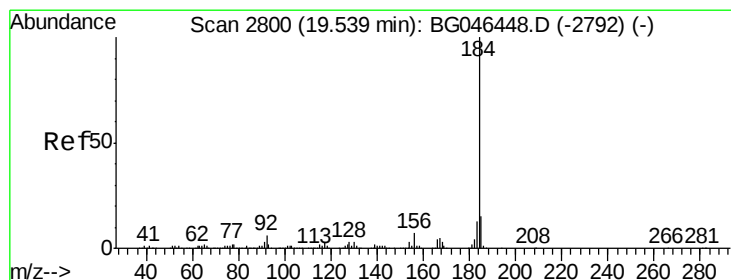
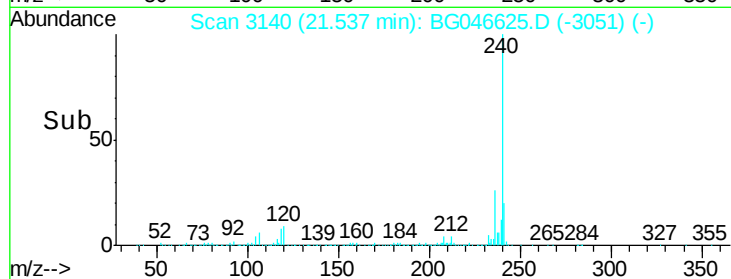
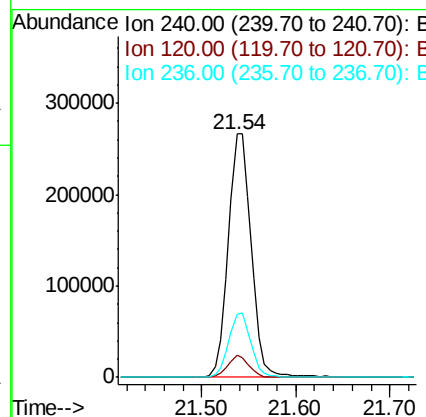
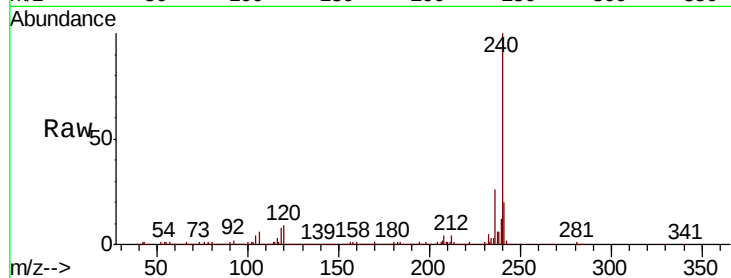




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

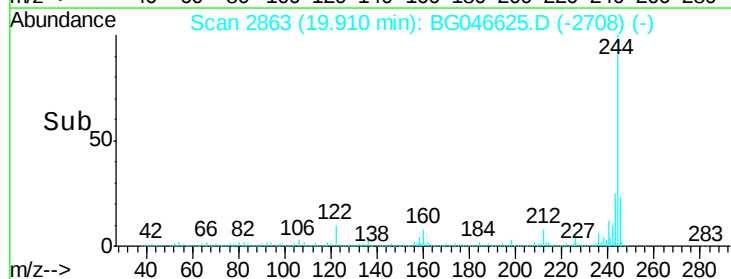
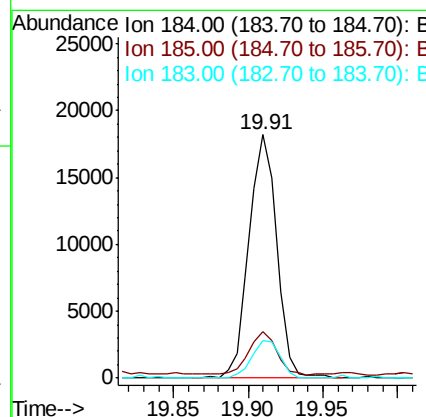
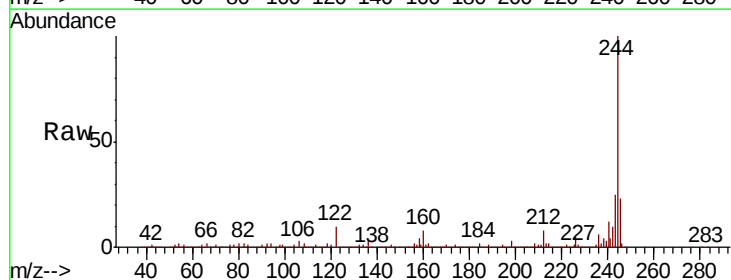
Instrument :
BNA_G
ClientSampleId :
PAV-B41-091120-GW

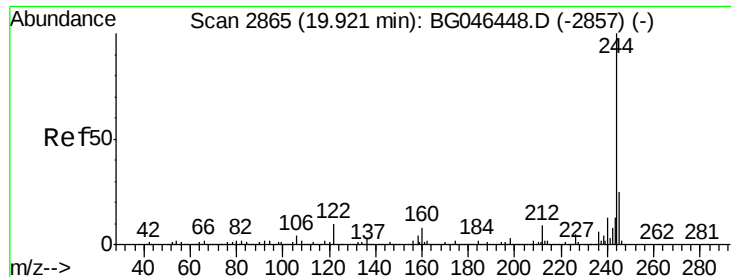
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.6	10.0
236	25.8	21.4	32.2



#77
Benzidine
Concen: 2.218 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.38 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.9	11.8	17.8#
183	15.3	10.7	16.1





#79

Terphenyl-d14

Concen: 69.777 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PAV-B41-091120-GW

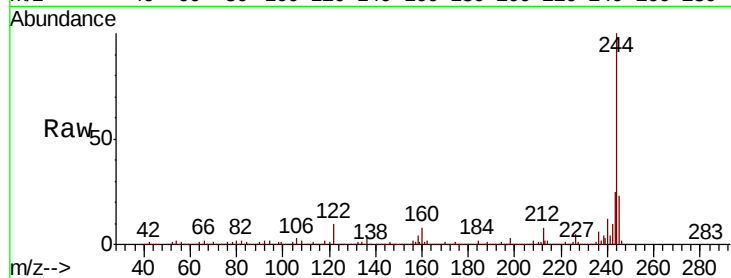
Tot Ion:244 Resp: 1489346

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

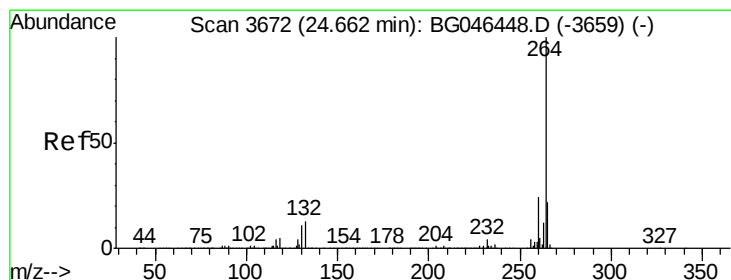
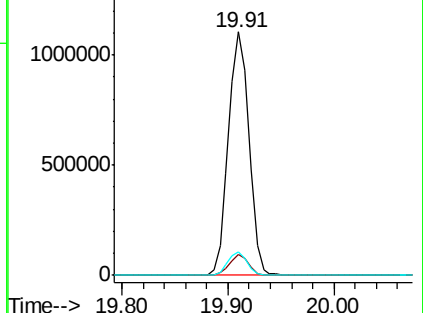
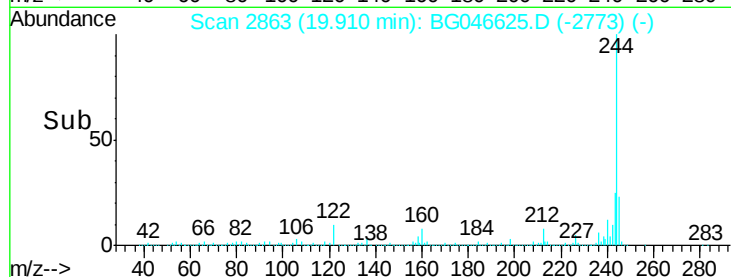
122 9.5 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

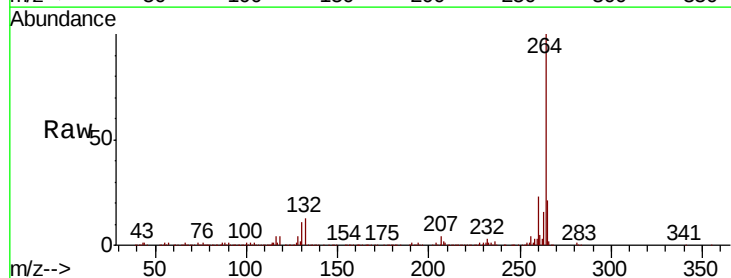
Tgt Ion:264 Resp: 462279

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 17.9 26.9



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

