

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047309.D
 Acq On : 12 Nov 2020 10:16
 Operator : CG/JU
 Sample : L4622-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B12-10-17

Quant Time: Nov 12 11:08:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

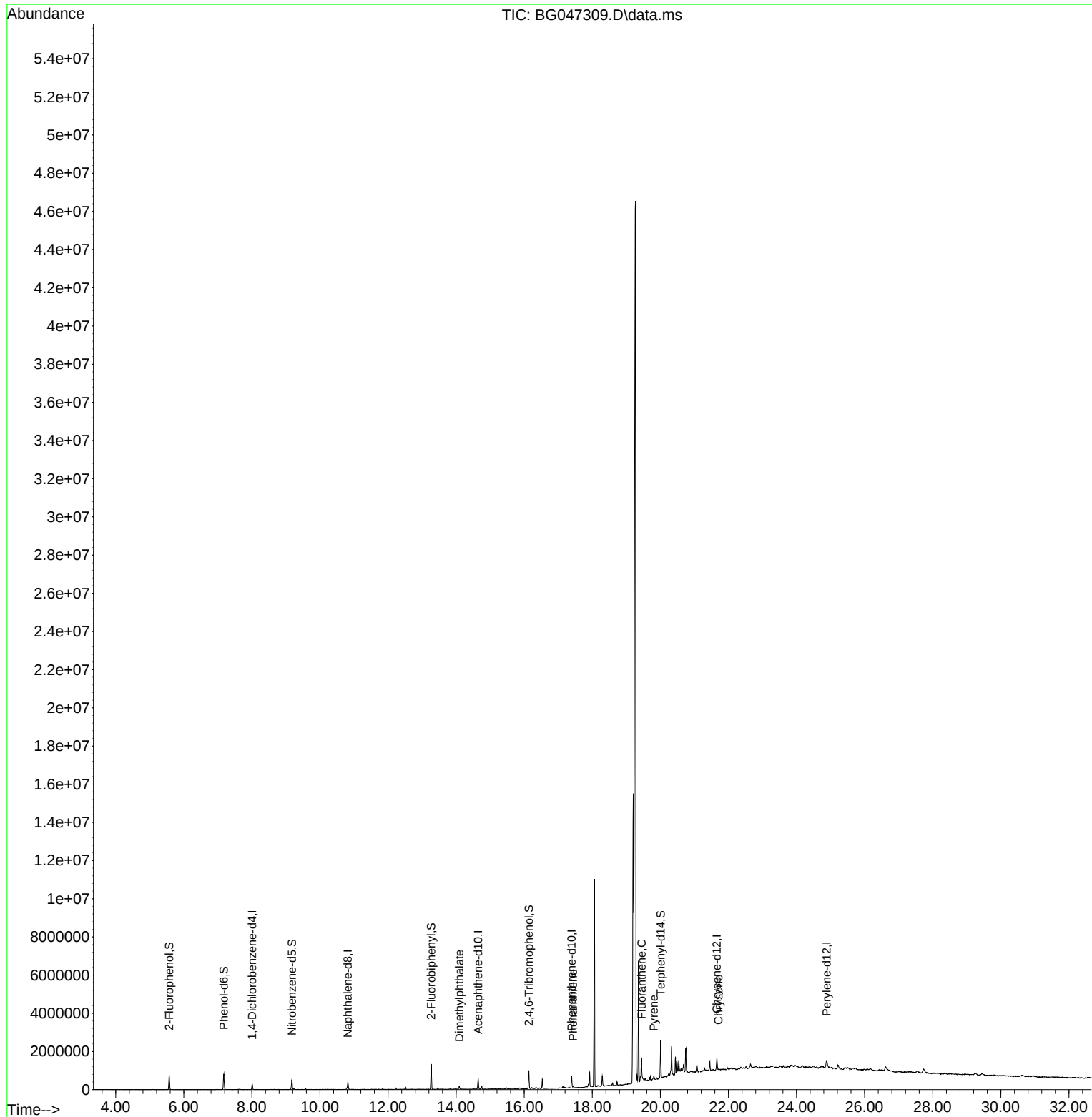
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	77107	20.00	ng	# 0.00
21) Naphthalene-d8	10.818	136	309170	20.00	ng	# 0.00
39) Acenaphthene-d10	14.649	164	198899	20.00	ng	0.00
64) Phenanthrene-d10	17.393	188	393752	20.00	ng	# 0.00
76) Chrysene-d12	21.658	240	385319	20.00	ng	# 0.01
86) Perylene-d12	24.884	264	388351	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	316025	66.43	ng	0.01
7) Phenol-d6	7.175	99	442752	64.30	ng	0.02
23) Nitrobenzene-d5	9.173	82	302955	42.05	ng	0.00
42) 2,4,6-Tribromophenol	16.135	330	192110	57.68	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	666823	43.00	ng	0.00
79) Terphenyl-d14	20.007	244	827922	37.78	ng	0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.091	163	89776	5.11	ng	99
71) Phenanthrene	17.434	178	61491	2.69	ng	98
75) Fluoranthene	19.449	202	69781	2.40	ng	93
78) Pyrene	19.808	202	68975	2.57	ng	95
83) Chrysene	21.705	228	56202	2.14	ng	# 61

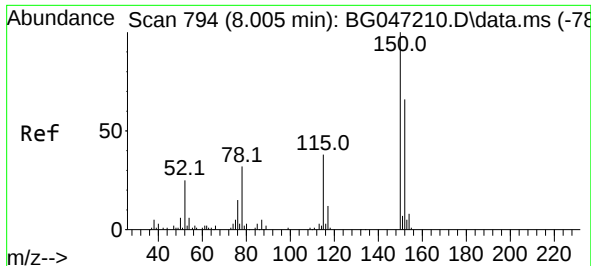
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
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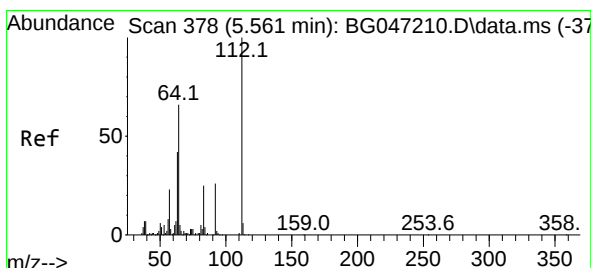
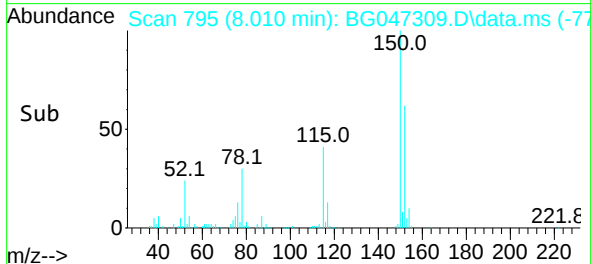
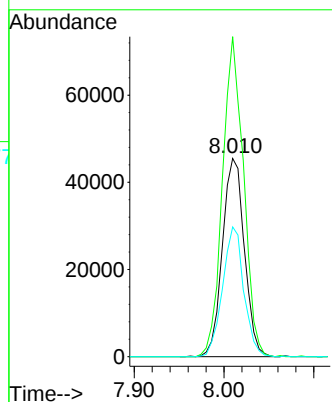
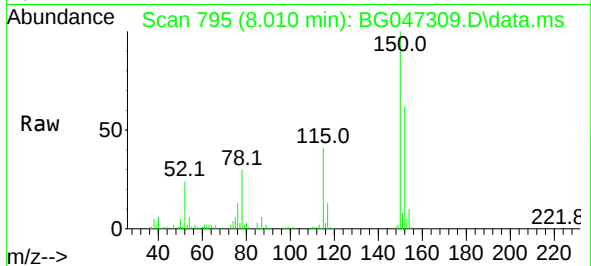




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.010 min Scan# 795
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

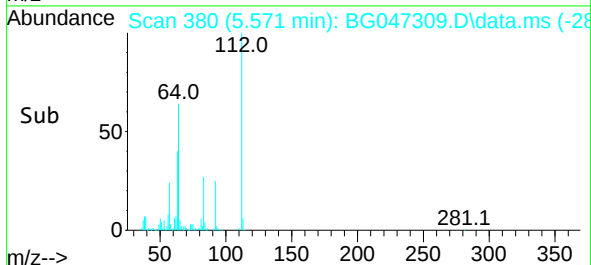
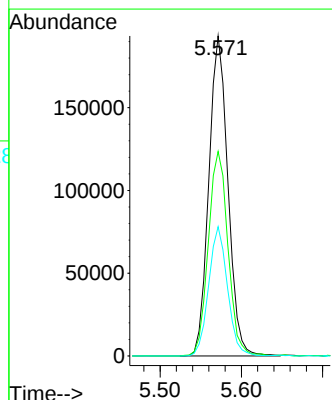
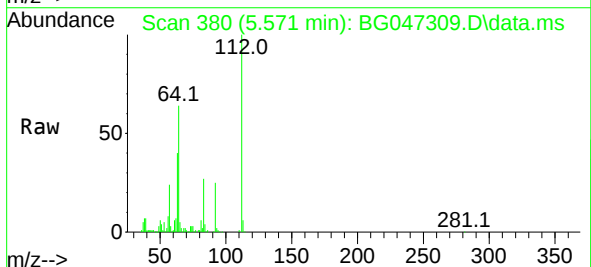
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

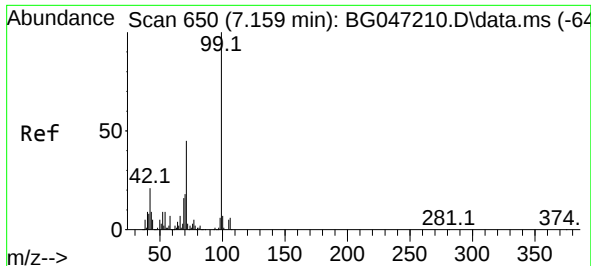
Tgt Ion:152 Resp: 77107
Ion Ratio Lower Upper
152 100
150 161.4 125.0 187.6
115 65.5 41.8 62.6#



#5
2-Fluorophenol
Concen: 66.43 ng
RT: 5.571 min Scan# 380
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Tgt Ion:112 Resp: 316025
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 40.4 22.8 34.2#

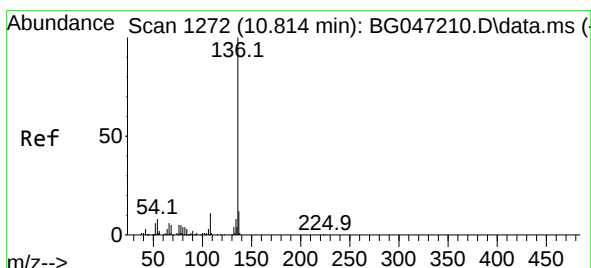
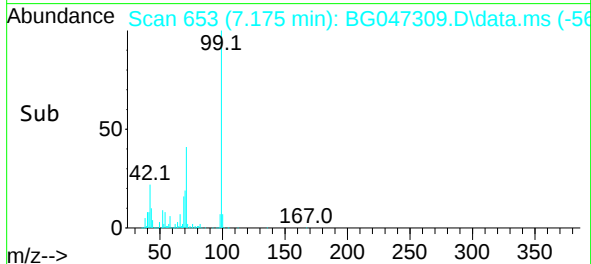
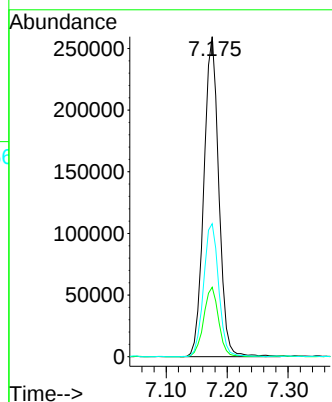
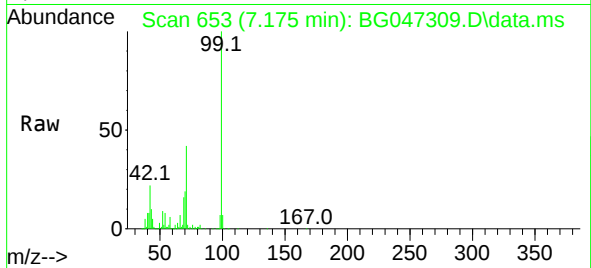




#7
Phenol-d6
Concen: 64.30 ng
RT: 7.175 min Scan# 653
Delta R.T. 0.016 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

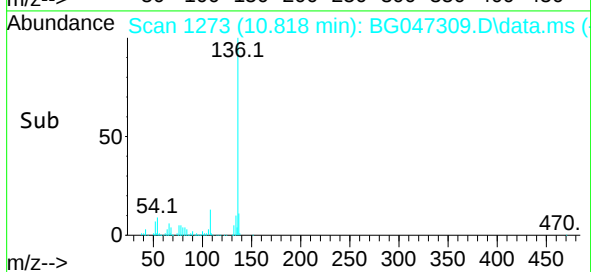
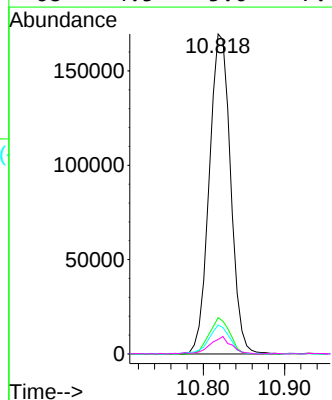
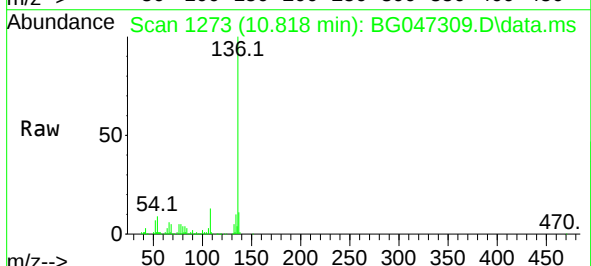
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

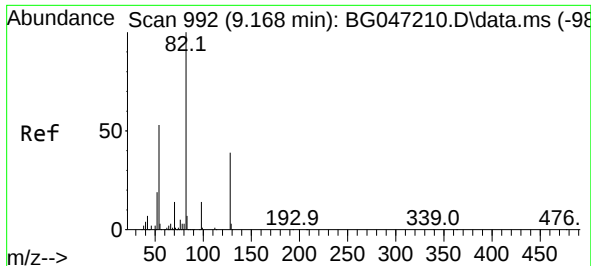
Tgt Ion: 99 Resp: 442752
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 41.5 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.818 min Scan# 1273
Delta R.T. 0.004 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Tgt Ion: 136 Resp: 309170
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.1 6.2 9.4
68 4.5 5.0 7.4#

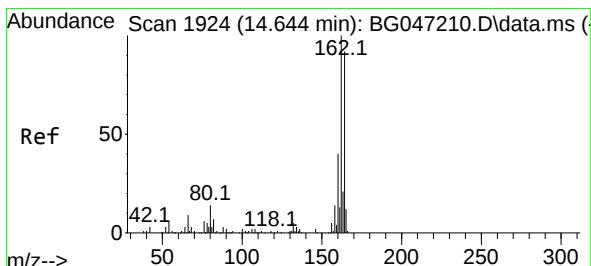
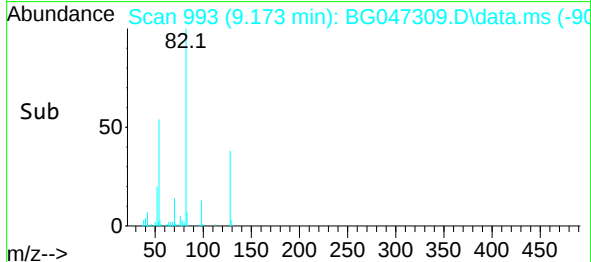
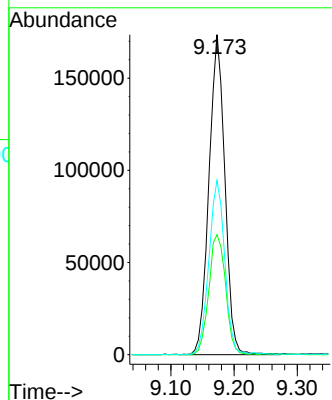
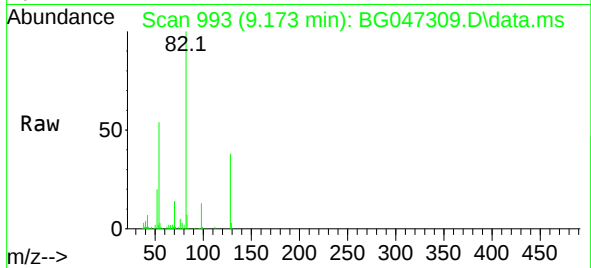




#23
Nitrobenzene-d5
Concen: 42.05 ng
RT: 9.173 min Scan# 993
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

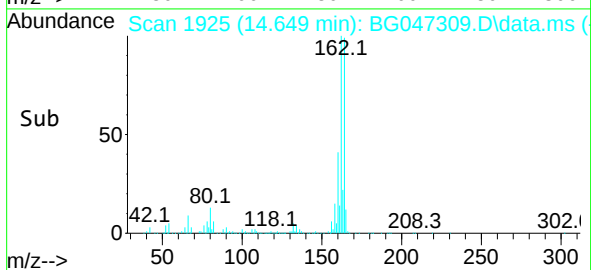
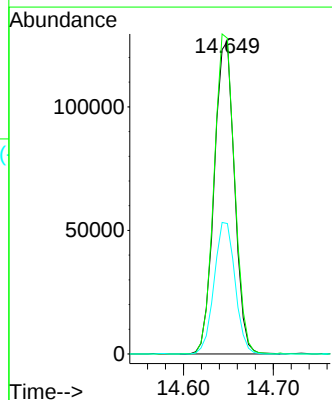
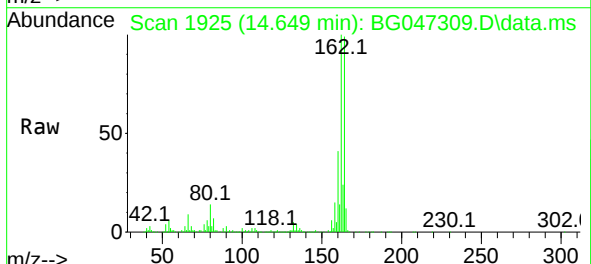
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

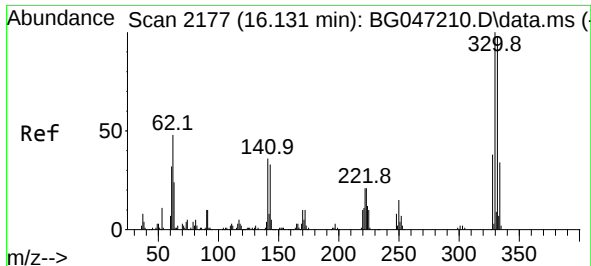
Tgt Ion: 82	Resp: 302955
Ion Ratio	Lower Upper
82 100	
128 37.5	37.0 55.6
54 54.5	39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.649 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Tgt Ion: 164	Resp: 198899
Ion Ratio	Lower Upper
164 100	
162 101.0	82.3 123.5
160 41.7	35.3 52.9

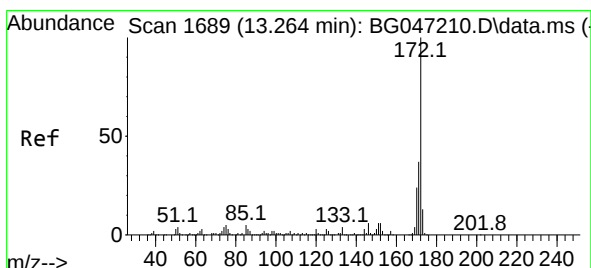
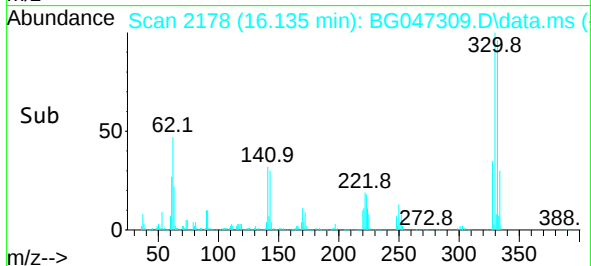
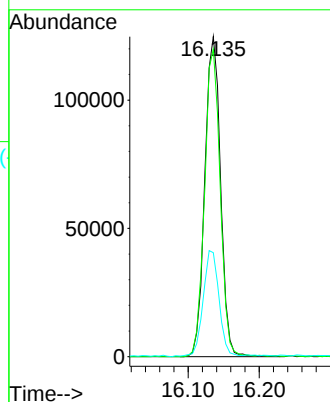
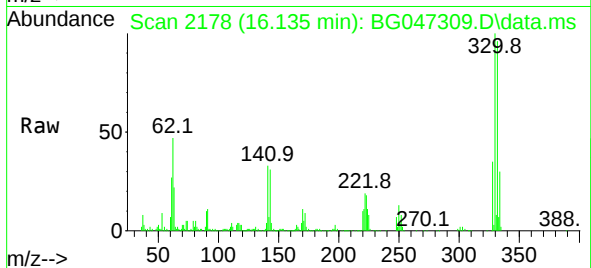




#42
2,4,6-Tribromophenol
Concen: 57.68 ng
RT: 16.135 min Scan# 2178
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

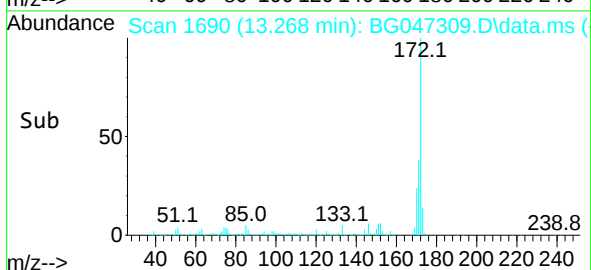
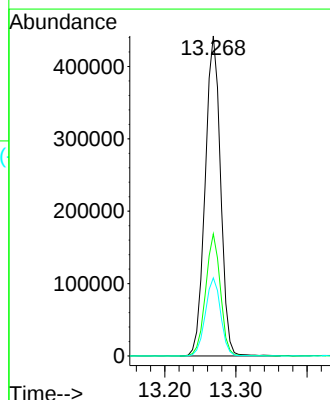
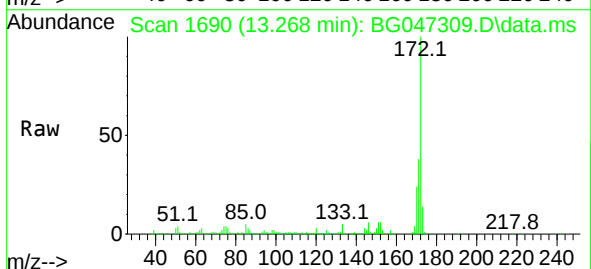
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

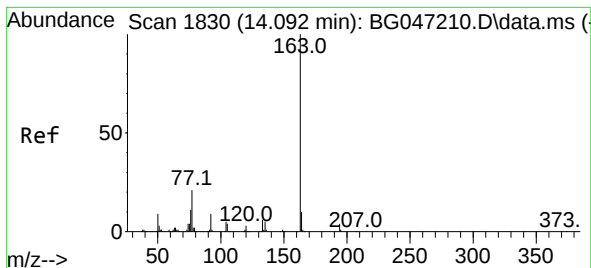
Tgt Ion:330 Resp: 192110
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 33.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 43.00 ng
RT: 13.268 min Scan# 1690
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Tgt Ion:172 Resp: 666823
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 24.4 20.8 31.2

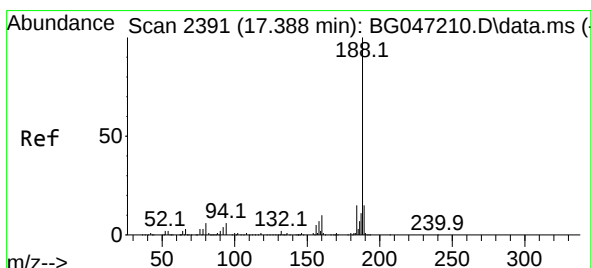
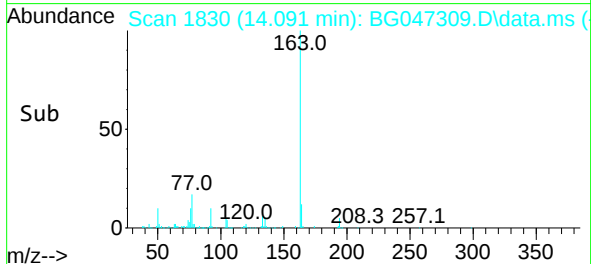
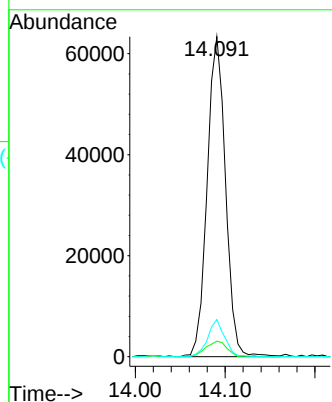
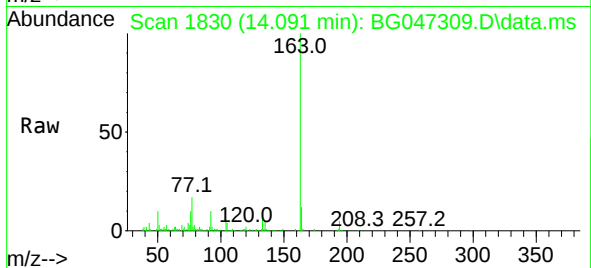




#50
Dimethylphthalate
Concen: 5.11 ng
RT: 14.091 min Scan# 1830
Delta R.T. -0.001 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

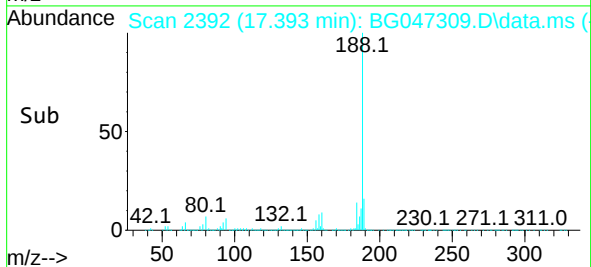
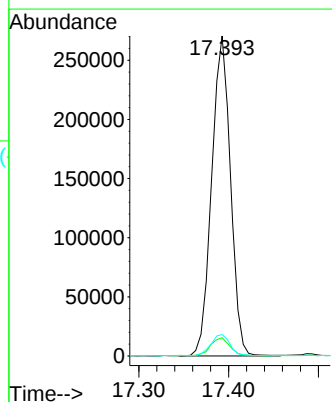
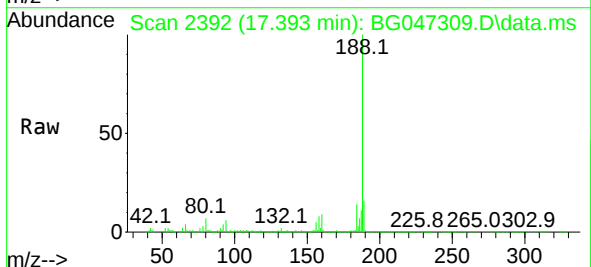
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

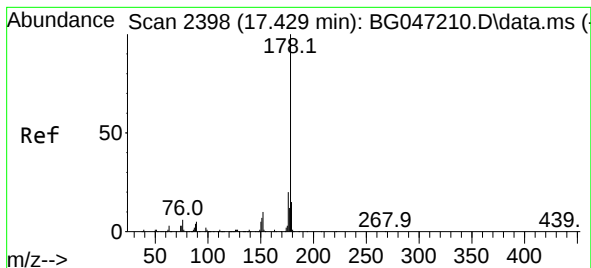
Tgt Ion:163 Resp: 89776
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 11.6 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.393 min Scan# 2392
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Tgt Ion:188 Resp: 393752
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.7 7.0 10.6#

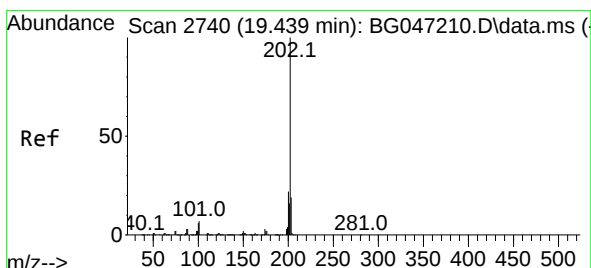
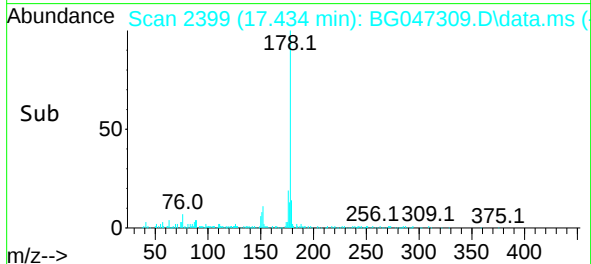
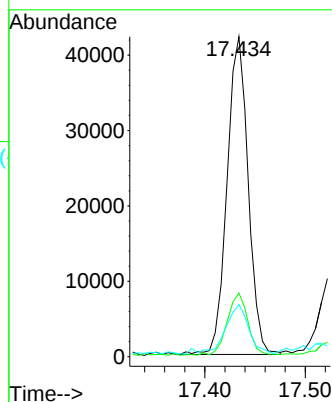
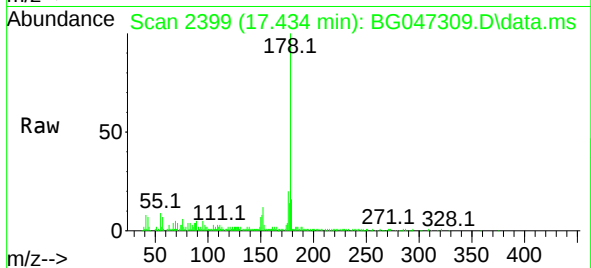




#71
Phenanthrene
Concen: 2.69 ng
RT: 17.434 min Scan# 2399
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

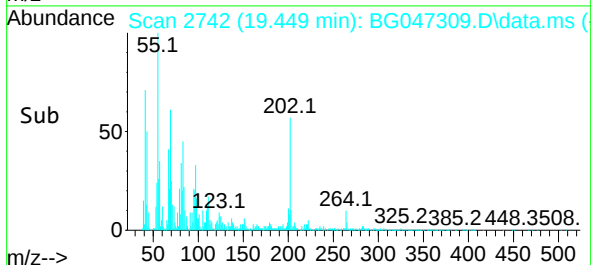
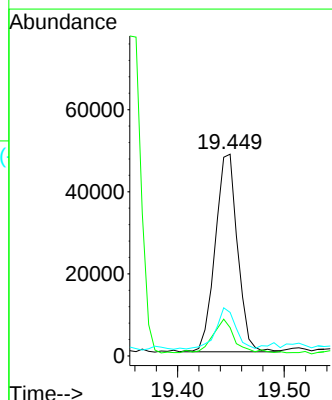
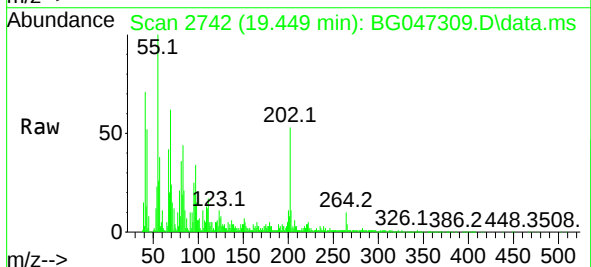
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PAV-B12-10-17

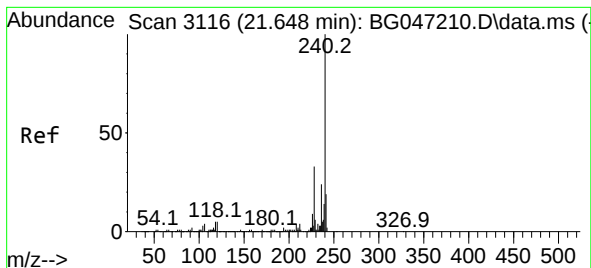
Tgt Ion:178 Resp: 61491
Ion Ratio Lower Upper
178 100
176 19.9 16.7 25.1
179 16.3 14.0 21.0



#75
Fluoranthene
Concen: 2.40 ng
RT: 19.449 min Scan# 2742
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Tgt Ion:202 Resp: 69781
Ion Ratio Lower Upper
202 100
101 14.0 0.0 29.7
203 21.6 0.0 39.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.658 min Scan# 3118

Delta R.T. 0.010 min

Lab File: BG047309.D

Acq: 12 Nov 2020 10:16

Tgt Ion:240 Resp: 385319

Ion Ratio Lower Upper

240 100

120 5.3 6.2 9.4#

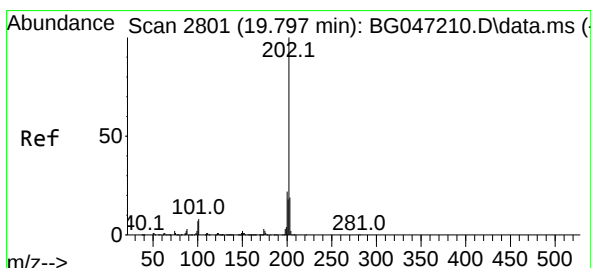
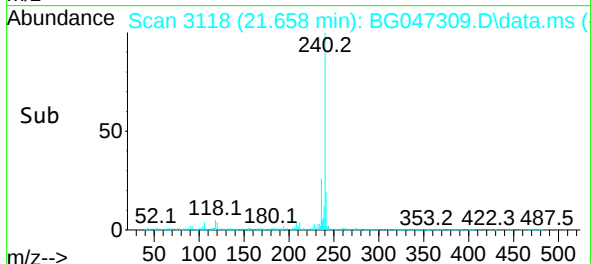
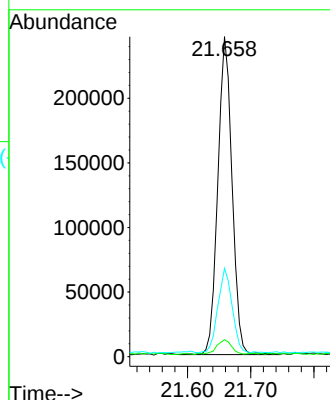
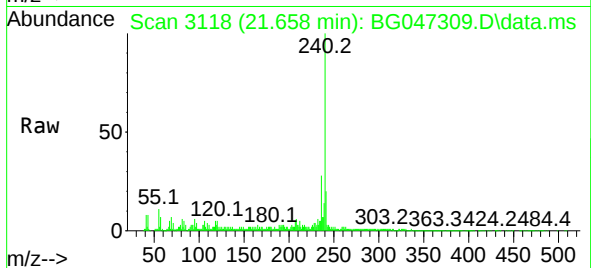
236 27.6 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

PAV-B12-10-17



#78

Pyrene

Concen: 2.57 ng

RT: 19.808 min Scan# 2803

Delta R.T. 0.010 min

Lab File: BG047309.D

Acq: 12 Nov 2020 10:16

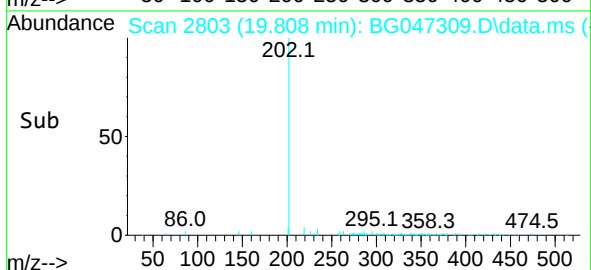
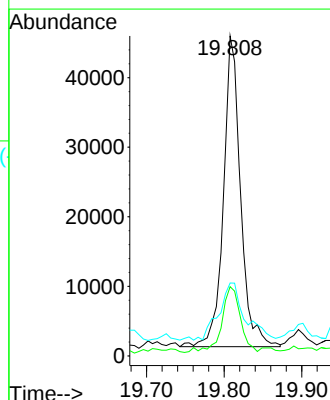
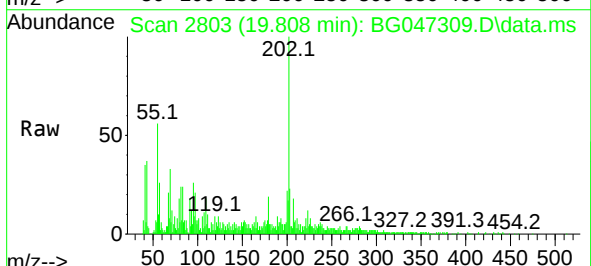
Tgt Ion:202 Resp: 68975

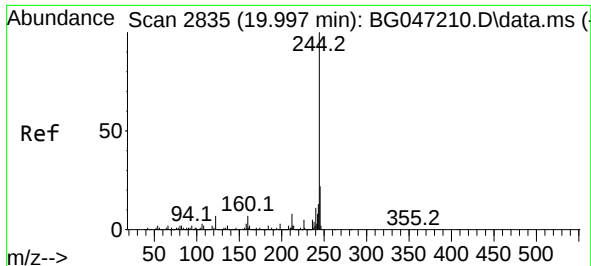
Ion Ratio Lower Upper

202 100

200 21.7 18.6 27.8

203 22.8 15.3 22.9

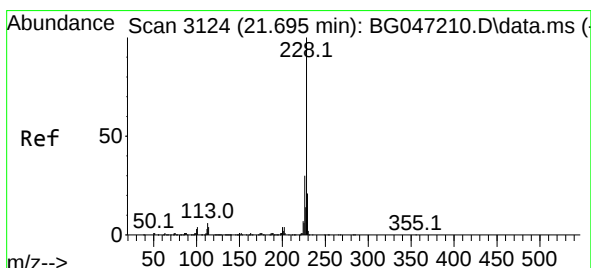
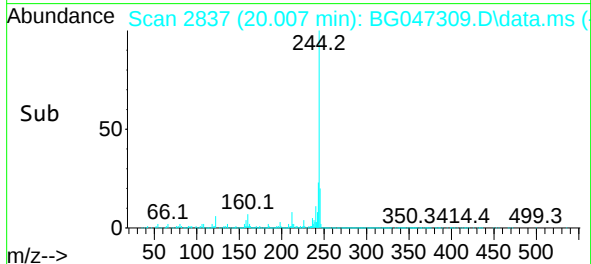
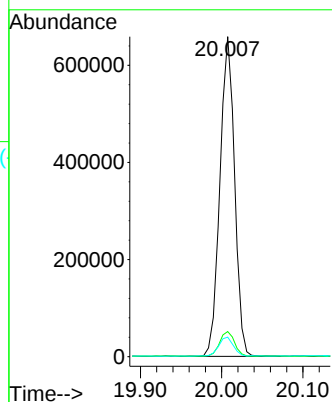
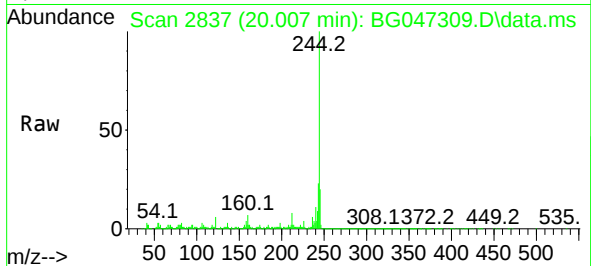




#79
 Terphenyl-d14
 Concen: 37.78 ng
 RT: 20.007 min Scan# 2837
 Delta R.T. 0.010 min
 Lab File: BG047309.D
 Acq: 12 Nov 2020 10:16

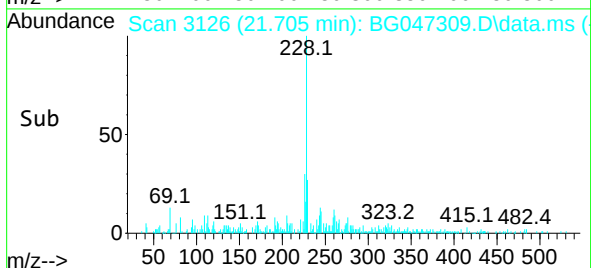
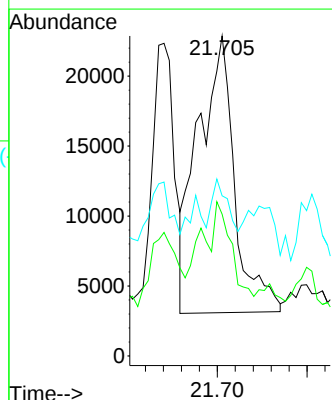
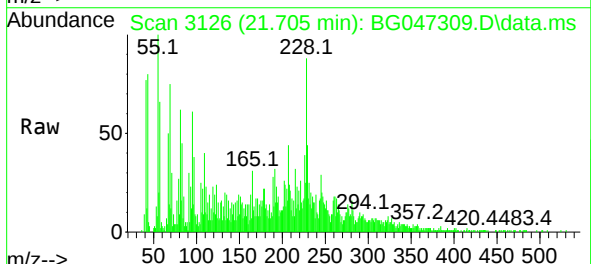
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B12-10-17

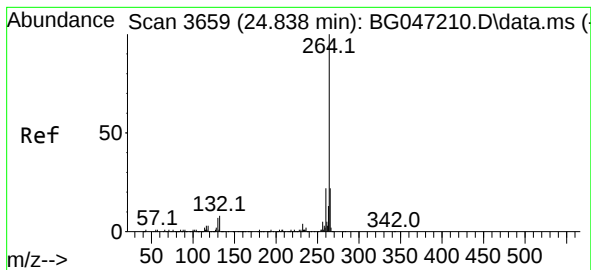
Tgt Ion:244 Resp: 827922
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.7 10.1
 122 6.1 7.8 11.6#



#83
 Chrysene
 Concen: 2.14 ng
 RT: 21.705 min Scan# 3126
 Delta R.T. 0.010 min
 Lab File: BG047309.D
 Acq: 12 Nov 2020 10:16

Tgt Ion:228 Resp: 56202
 Ion Ratio Lower Upper
 228 100
 226 44.3 25.0 37.4#
 229 50.0 17.3 25.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.884 min Scan# 3667
Delta R.T. 0.046 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

Tgt Ion:264 Resp: 388351

Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.8	28.2
265	23.4	17.8	26.8

