Quantitation Report (Not Reviewed)

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
32) Benzoic acid	10.254	122	54	4.76	ng	# 1
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

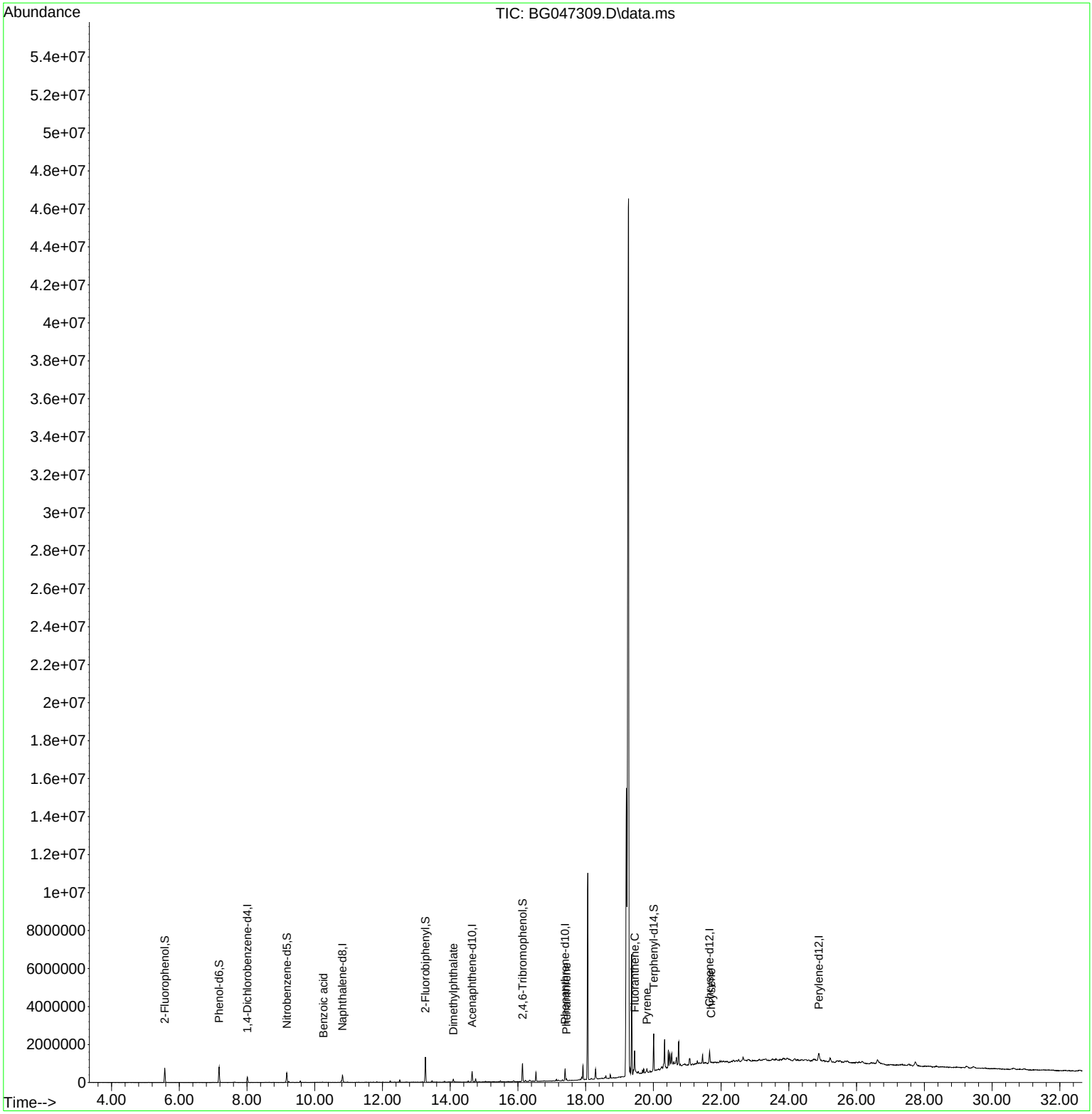
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

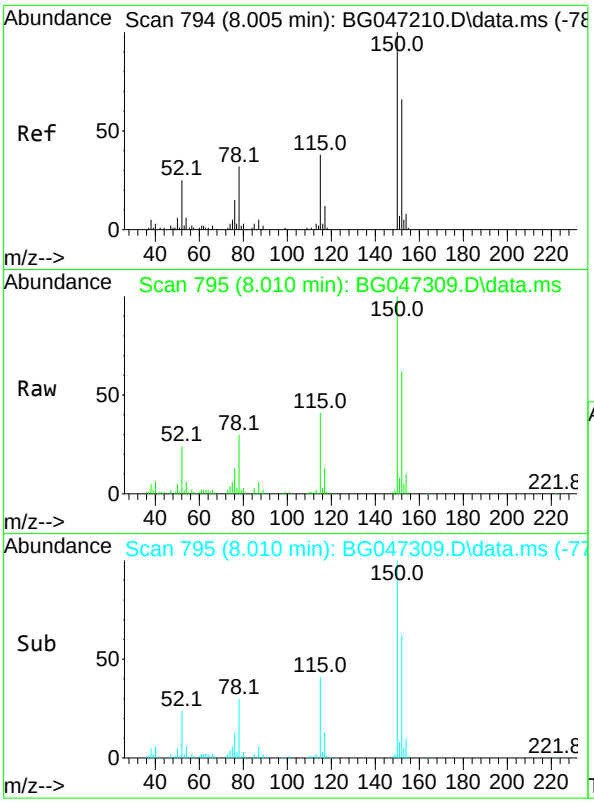
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047309.D
Acq On : 12 Nov 2020 10:16
Operator : CG/JU
Sample : L4622-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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



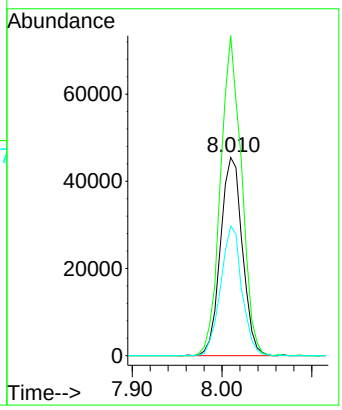
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

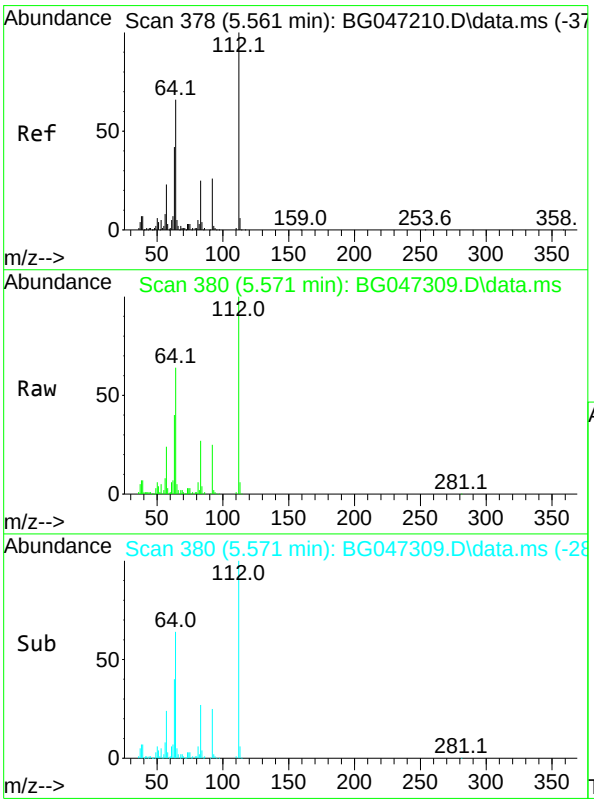


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.010 min Scan# 795
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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#

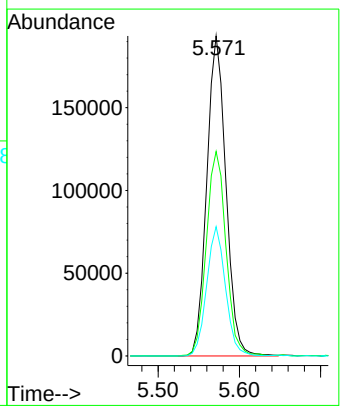


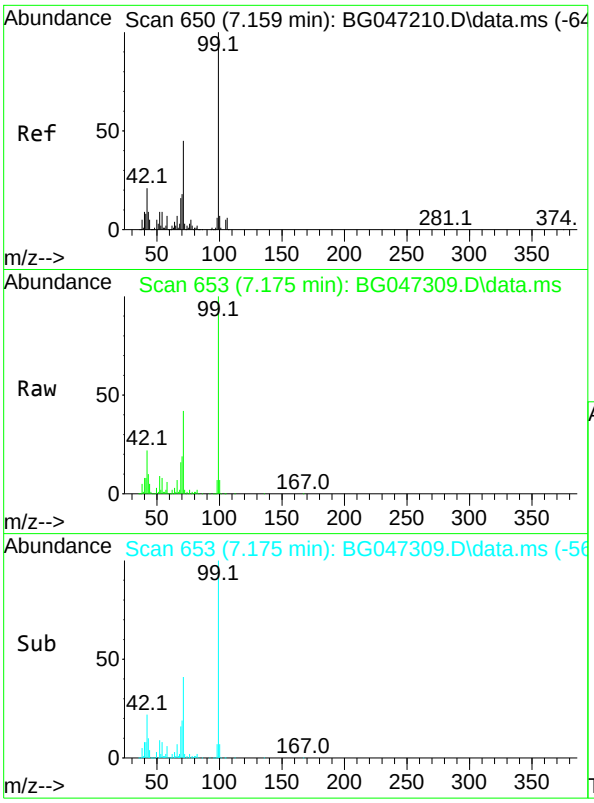


#5
2-Fluorophenol
Concen: 66.43 ng
RT: 5.571 min Scan# 380
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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#

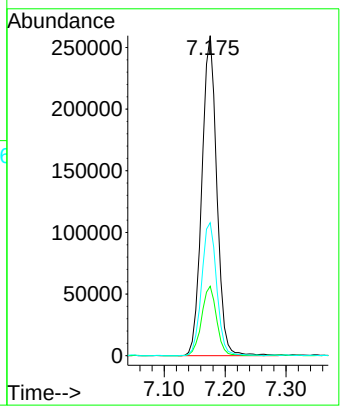




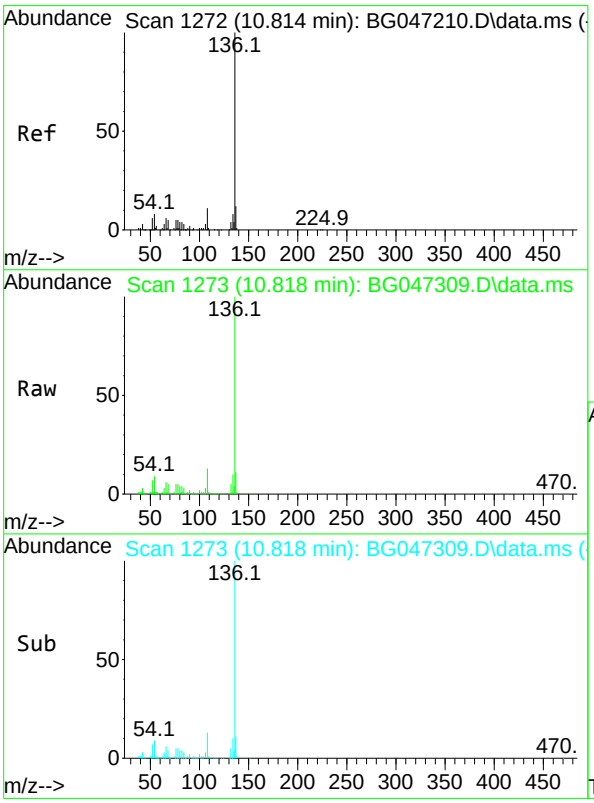
#7
Phenol-d6
Concen: 64.30 ng
RT: 7.175 min Scan# 653
Delta R.T. 0.016 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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#



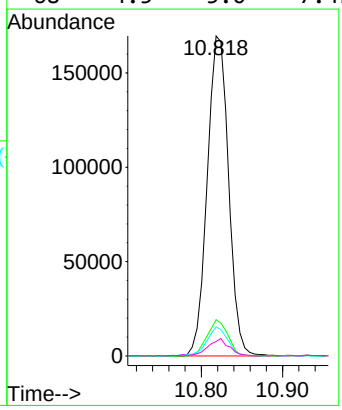
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17



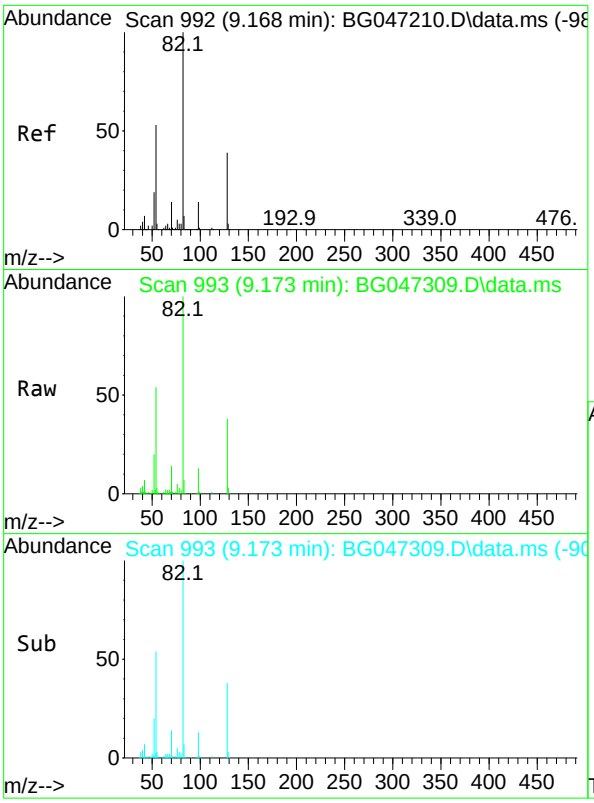
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.818 min Scan# 1273
Delta R.T. 0.004 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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#



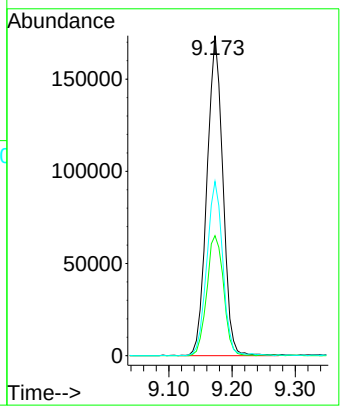
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

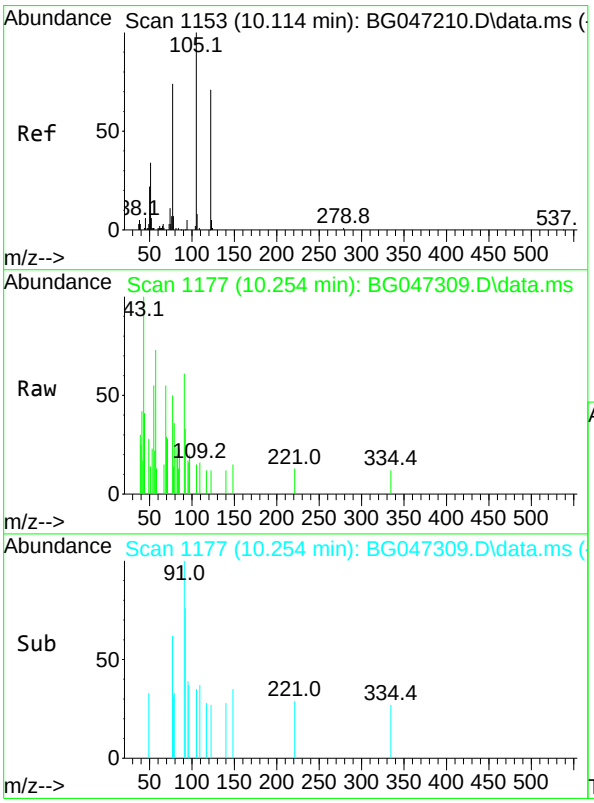


#23
Nitrobenzene-d5
Concen: 42.05 ng
RT: 9.173 min Scan# 993
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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

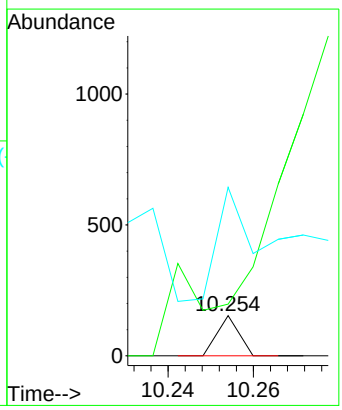




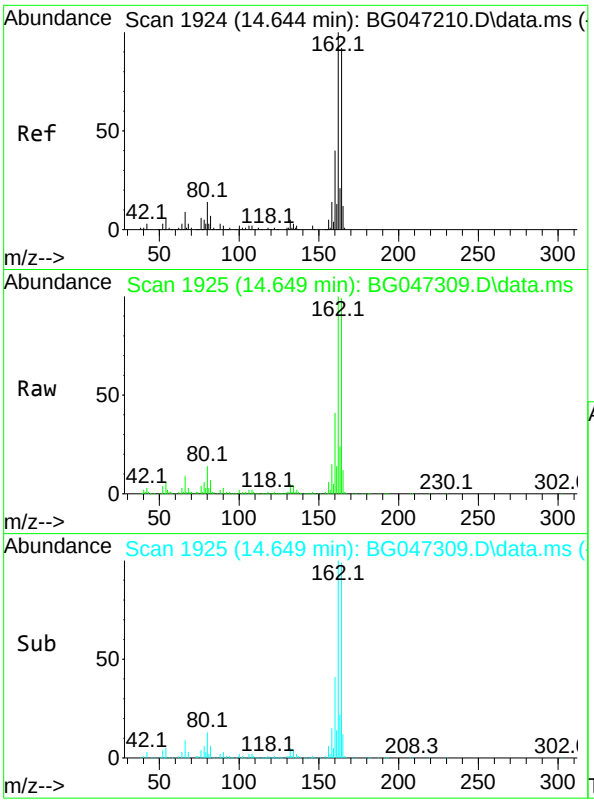
#32
Benzoic acid
Concen: 4.76 ng
RT: 10.254 min Scan# 1177
Delta R.T. 0.140 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	128.6	103.7	143.7
77	418.2	63.0	103.0#



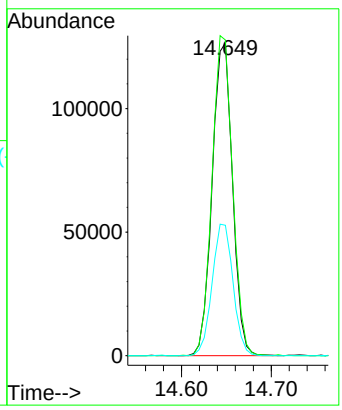
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

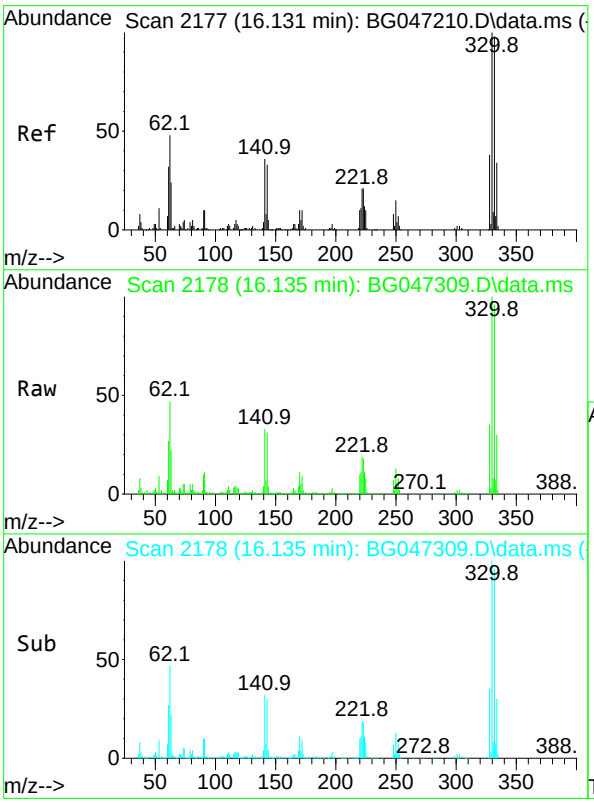


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.649 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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

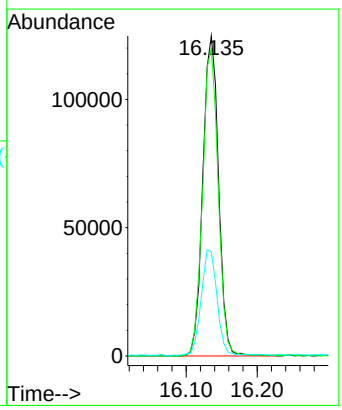




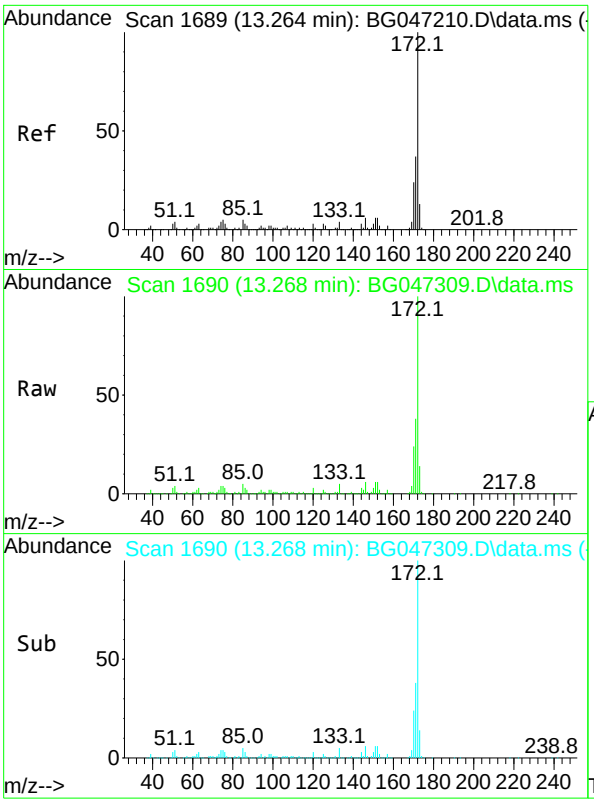
#42
2,4,6-Tribromophenol
Concen: 57.68 ng
RT: 16.135 min Scan# 2178
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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



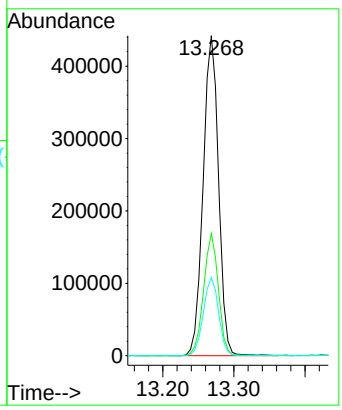
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

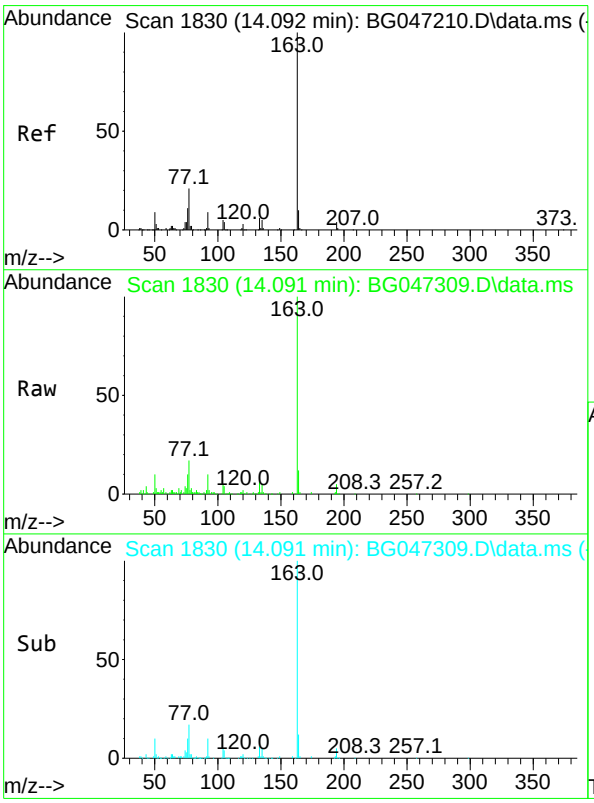


#45
2-Fluorobiphenyl
Concen: 43.00 ng
RT: 13.268 min Scan# 1690
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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

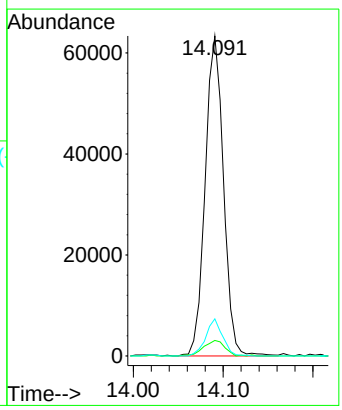


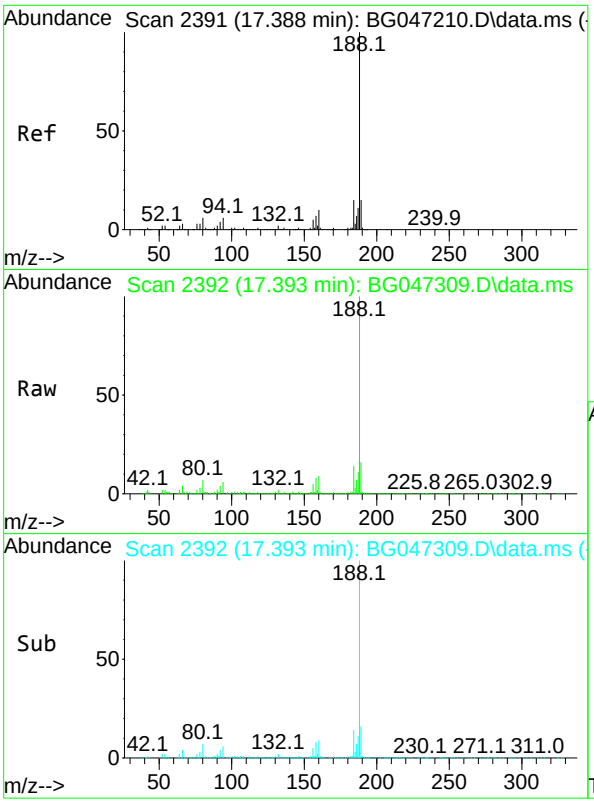


#50
Dimethylphthalate
Concen: 5.11 ng
RT: 14.091 min Scan# 1830
Delta R.T. -0.001 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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

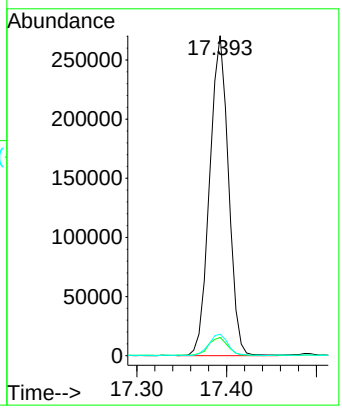




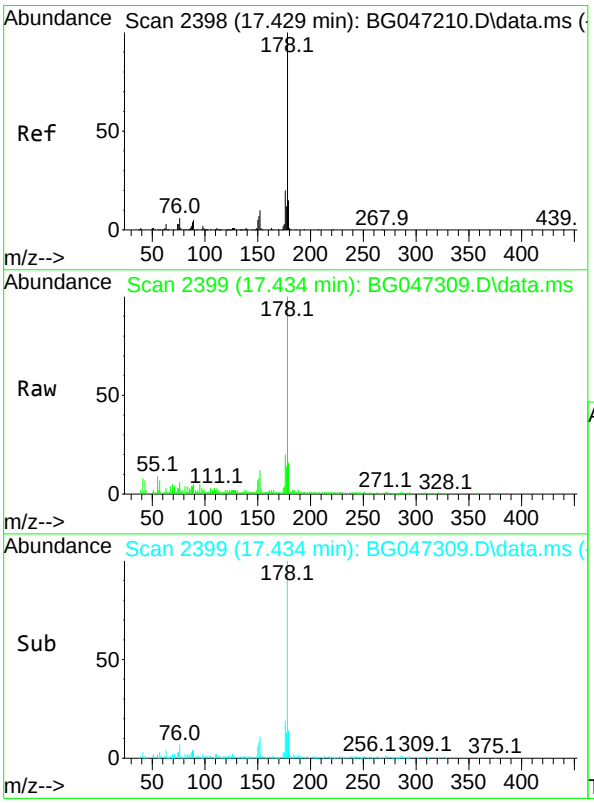
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.393 min Scan# 2392
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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#



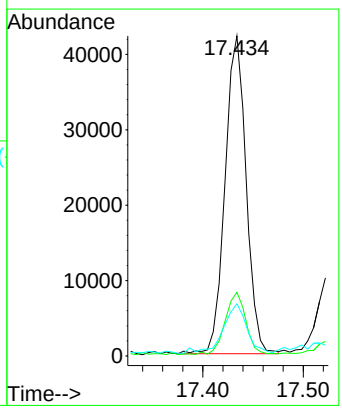
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17



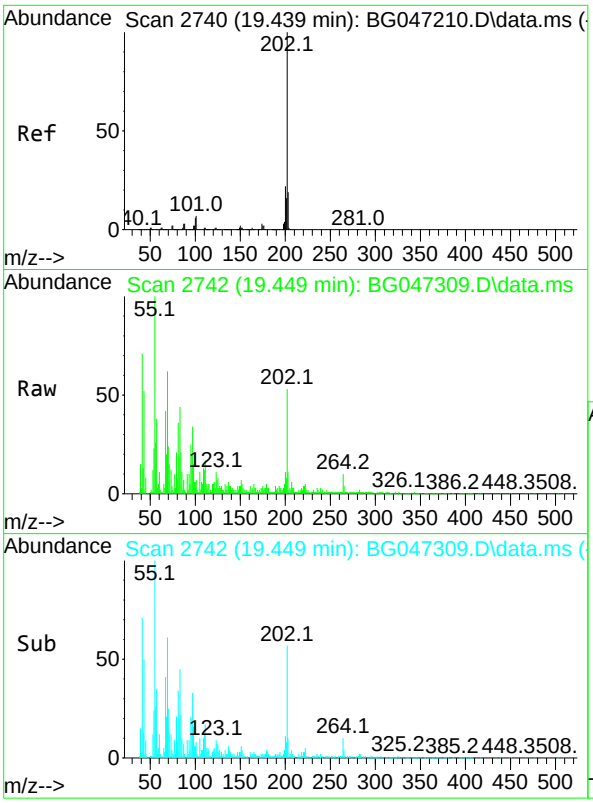
#71
Phenanthrene
Concen: 2.69 ng
RT: 17.434 min Scan# 2399
Delta R.T. 0.005 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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



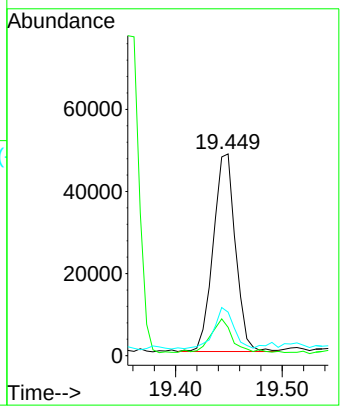
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

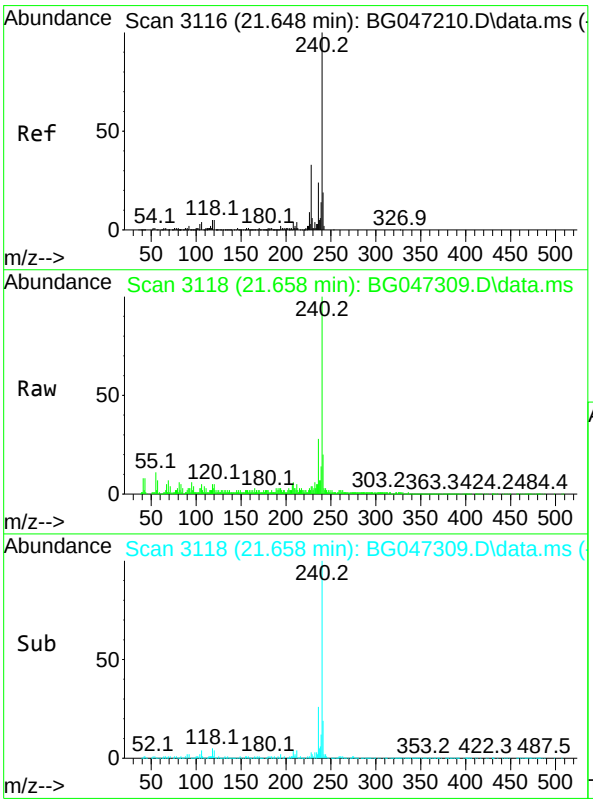


#75
Fluoranthene
Concen: 2.40 ng
RT: 19.449 min Scan# 2742
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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

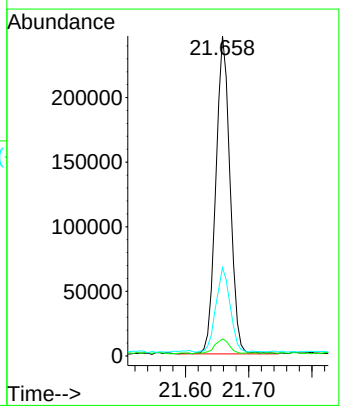


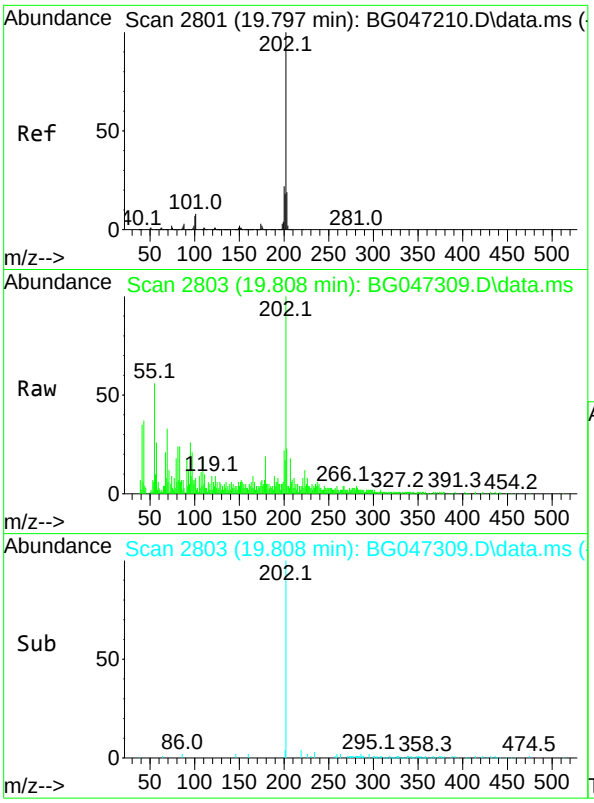


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.658 min Scan# 3118
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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

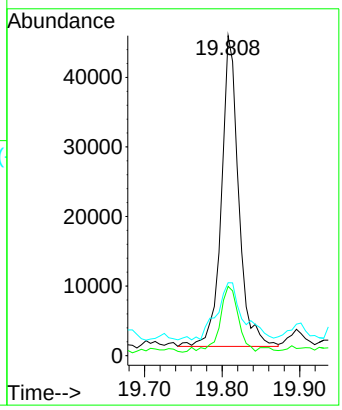




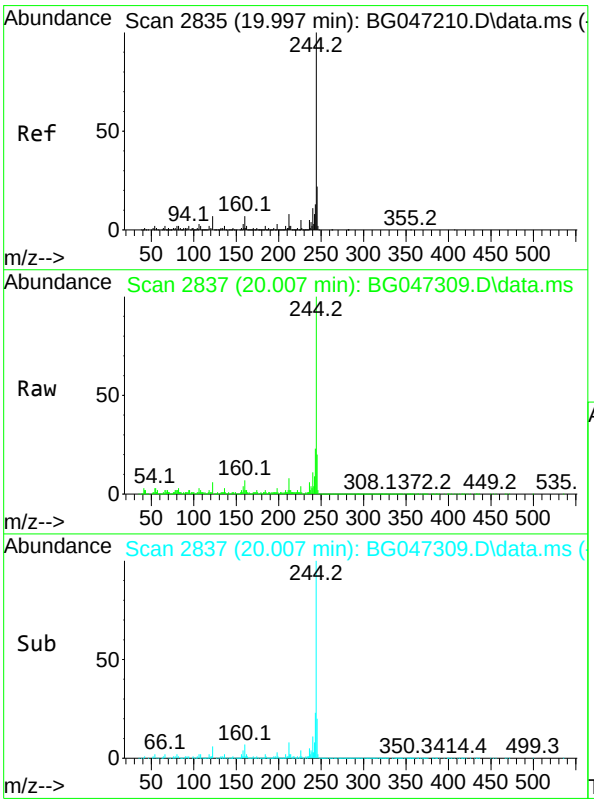
#78
Pyrene
Concen: 2.57 ng
RT: 19.808 min Scan# 2803
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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



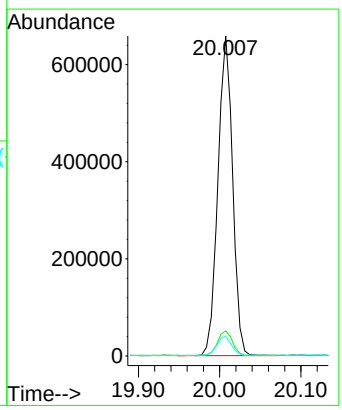
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17



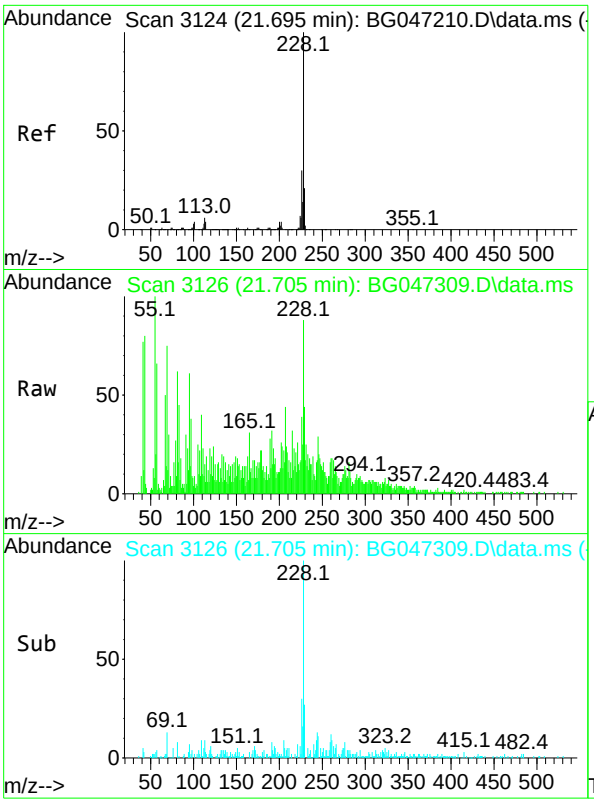
#79
Terphenyl-d14
Concen: 37.78 ng
RT: 20.007 min Scan# 2837
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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#



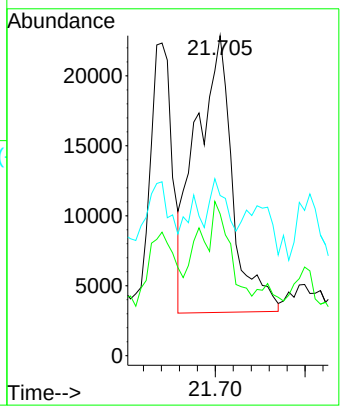
Instrument :
BNA_G
ClientSampleId :
PAV-B12-10-17

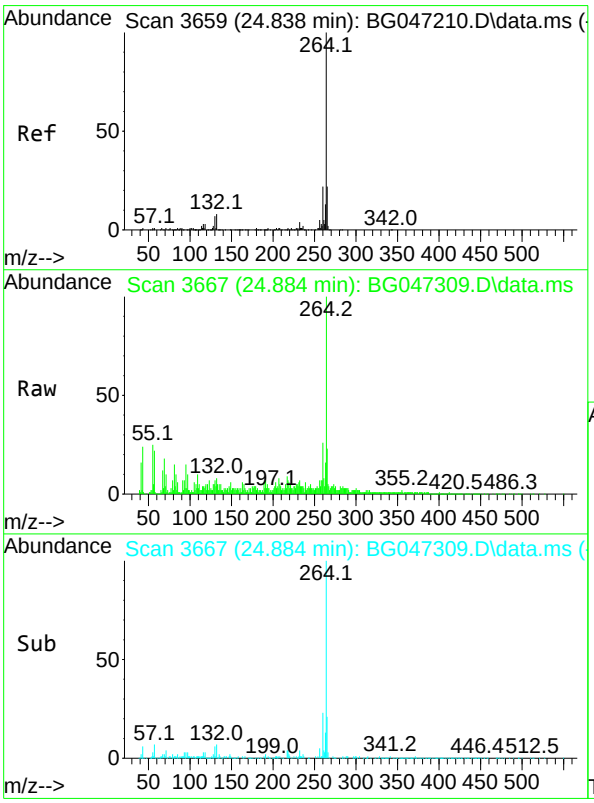


#83
Chrysene
Concen: 2.14 ng
RT: 21.705 min Scan# 3126
Delta R.T. 0.010 min
Lab File: BG047309.D
Acq: 12 Nov 2020 10:16

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

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