Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047308.D
Acq On : 12 Nov 2020 9:35
Operator : CG/JU
Sample : L4631-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAV-B11-110420-0-10

Quant Time: Nov 12 11:08:11 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

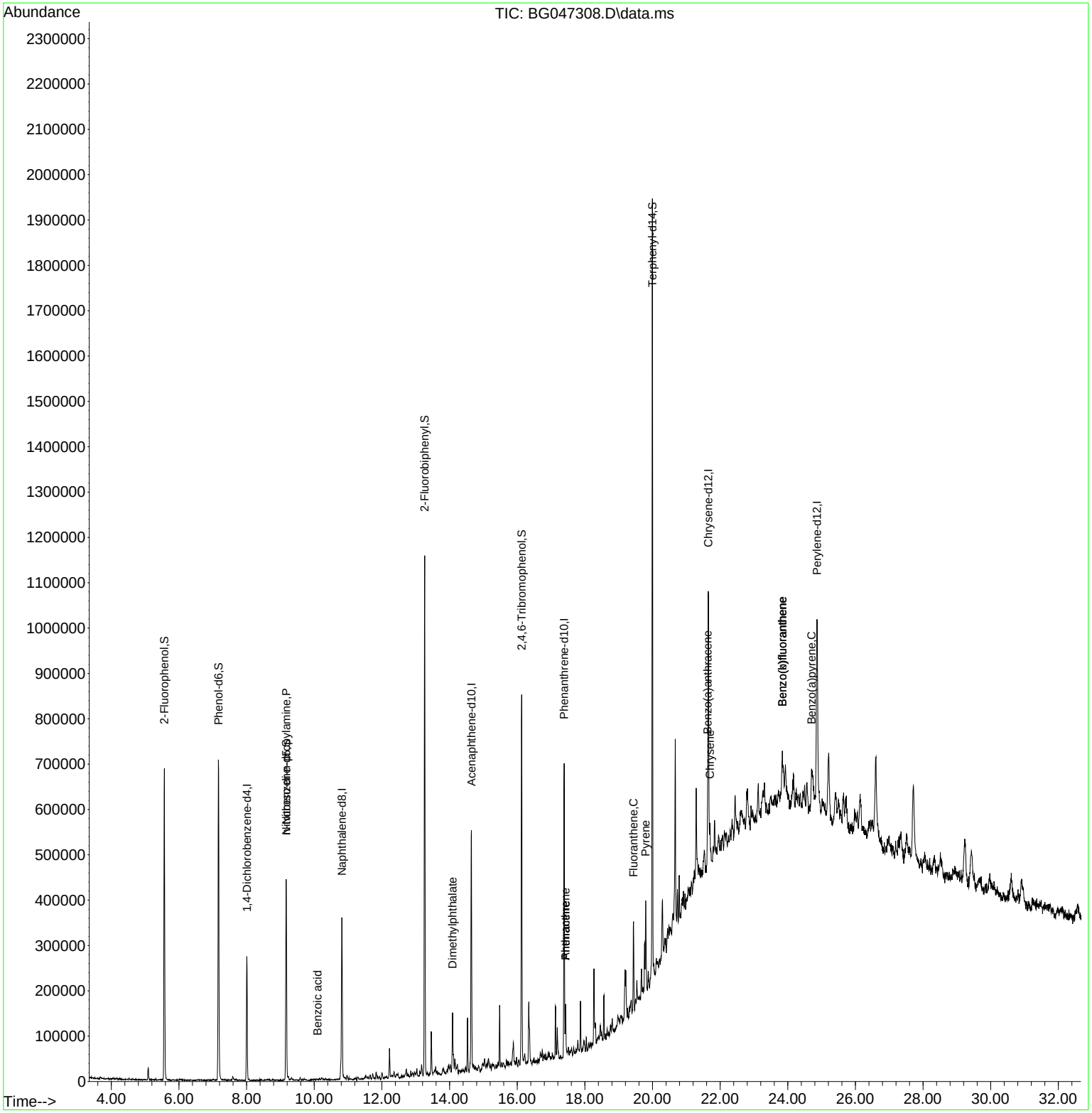
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	71761	20.00	ng	# 0.00
21) Naphthalene-d8	10.820	136	294288	20.00	ng	0.00
39) Acenaphthene-d10	14.645	164	183717	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	387102	20.00	ng	# 0.00
76) Chrysene-d12	21.649	240	378623	20.00	ng	# 0.00
86) Perylene-d12	24.863	264	389595	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	286463	64.71	ng	0.00
7) Phenol-d6	7.172	99	384045	59.93	ng	0.01
23) Nitrobenzene-d5	9.169	82	267988	39.08	ng	0.00
42) 2,4,6-Tribromophenol	16.132	330	158822	51.63	ng	0.00
45) 2-Fluorobiphenyl	13.264	172	582908	40.69	ng	0.00
79) Terphenyl-d14	19.998	244	759992	35.30	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.169	70	39182	9.30	ng	# 79
32) Benzoic acid	10.098	122	55	4.76	ng	# 36
50) Dimethylphthalate	14.087	163	71620	4.41	ng	99
71) Phenanthrene	17.430	178	67612	3.01	ng	# 93
72) Anthracene	17.430	178	67612	3.10	ng	93
75) Fluoranthene	19.439	202	121050	4.23	ng	93
78) Pyrene	19.798	202	123988	4.70	ng	97
81) Benzo(a)anthracene	21.631	228	62684	2.34	ng	# 92
83) Chrysene	21.696	228	74140	2.87	ng	# 93
88) Benzo(b)fluoranthene	23.840	252	87368	3.28	ng	# 81
89) Benzo(k)fluoranthene	23.840	252	87368	3.36	ng	# 81
90) Benzo(a)pyrene	24.704	252	71116	2.86	ng	# 80

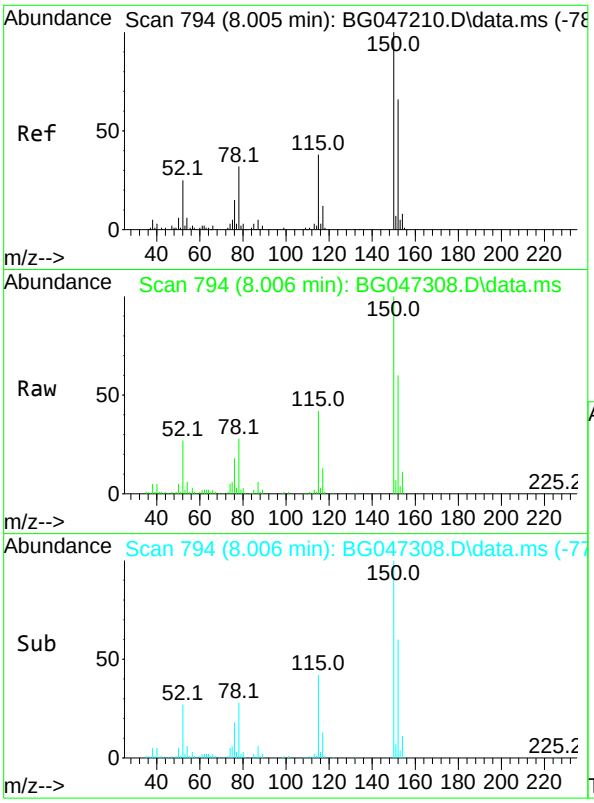
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047308.D
Acq On : 12 Nov 2020 9:35
Operator : CG/JU
Sample : L4631-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

Quant Time: Nov 12 11:08:11 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

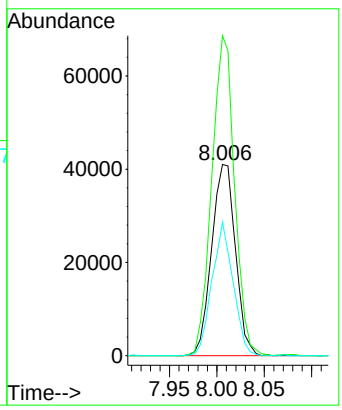




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.006 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:152 Resp: 71761

Ion	Ratio	Lower	Upper
152	100		
150	167.3	125.0	187.6
115	69.9	41.8	62.6#



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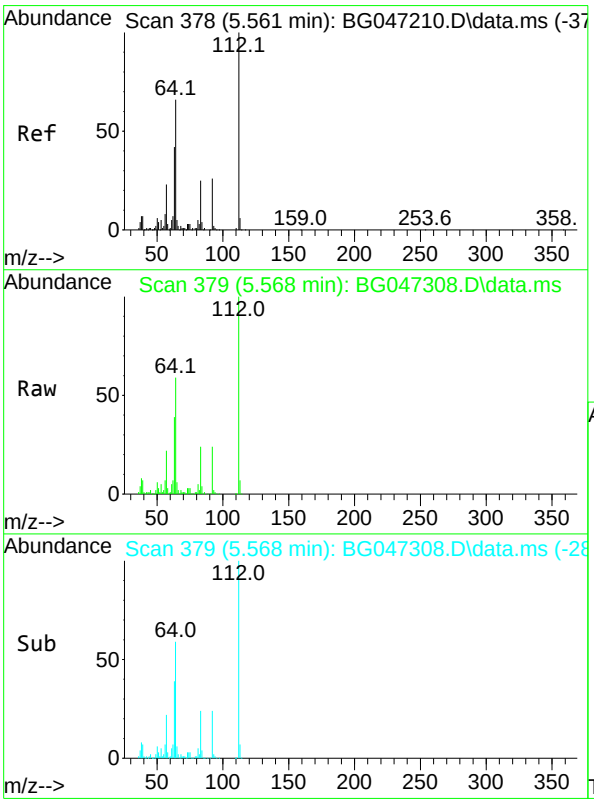
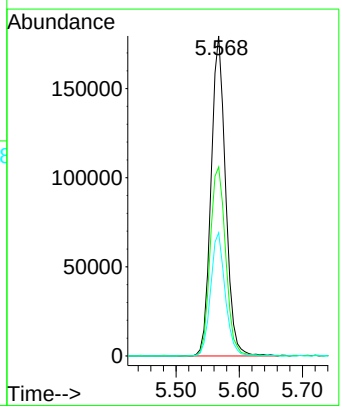
PAV-B11-110420-0-10



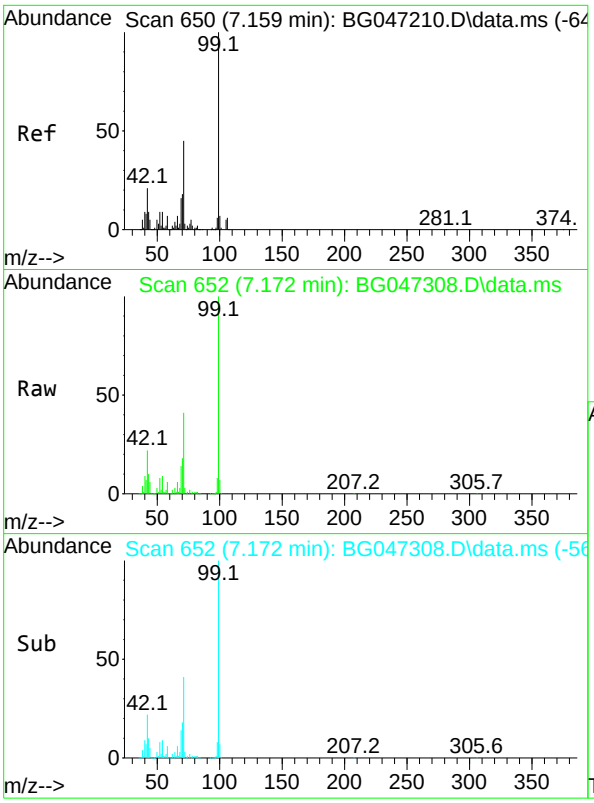
#5
2-Fluorophenol
Concen: 64.71 ng
RT: 5.568 min Scan# 379
Delta R.T. 0.007 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:112 Resp: 286463

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.7	70.1
63	38.5	22.8	34.2#



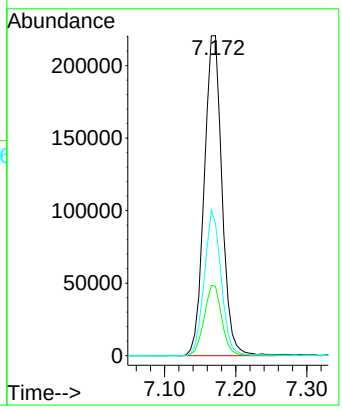
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

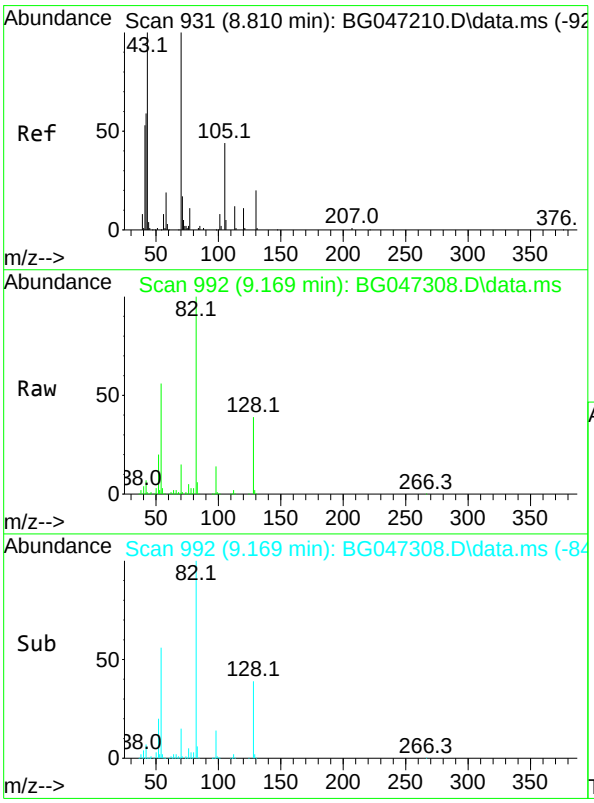


#7
Phenol-d6
Concen: 59.93 ng
RT: 7.172 min Scan# 652
Delta R.T. 0.013 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion: 99 Resp: 384045

Ion	Ratio	Lower	Upper
99	100		
42	21.7	12.8	19.2#
71	41.3	24.6	36.8#

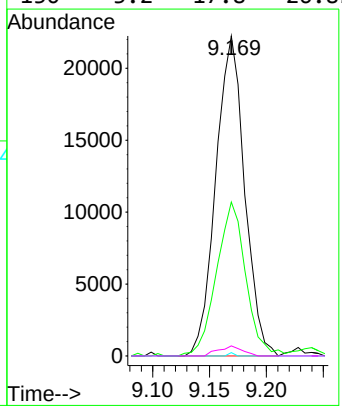


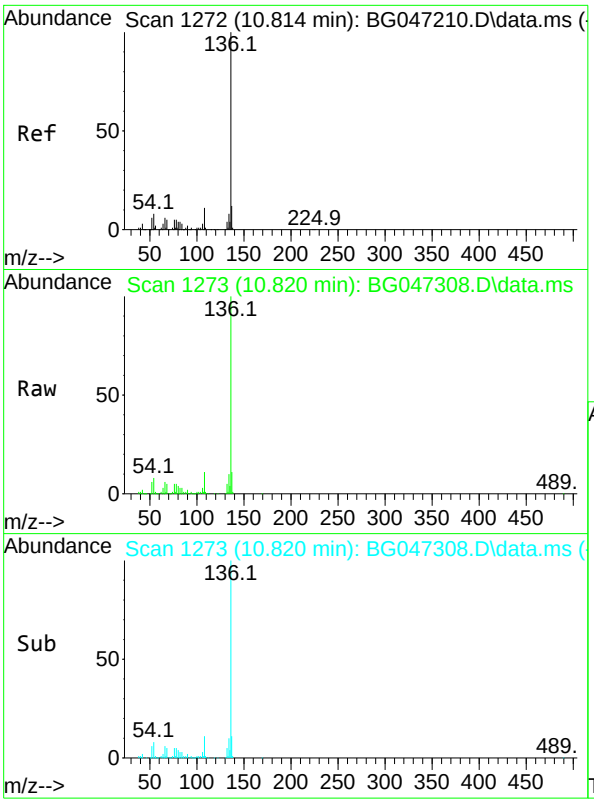


#19
n-Nitroso-di-n-propylamine
Concen: 9.30 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.359 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion: 70 Resp: 39182

Ion	Ratio	Lower	Upper
70	100		
42	48.1	45.6	68.4
101	1.0	8.4	12.6#
130	3.2	17.8	26.8#

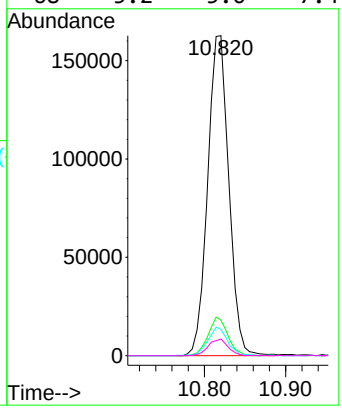




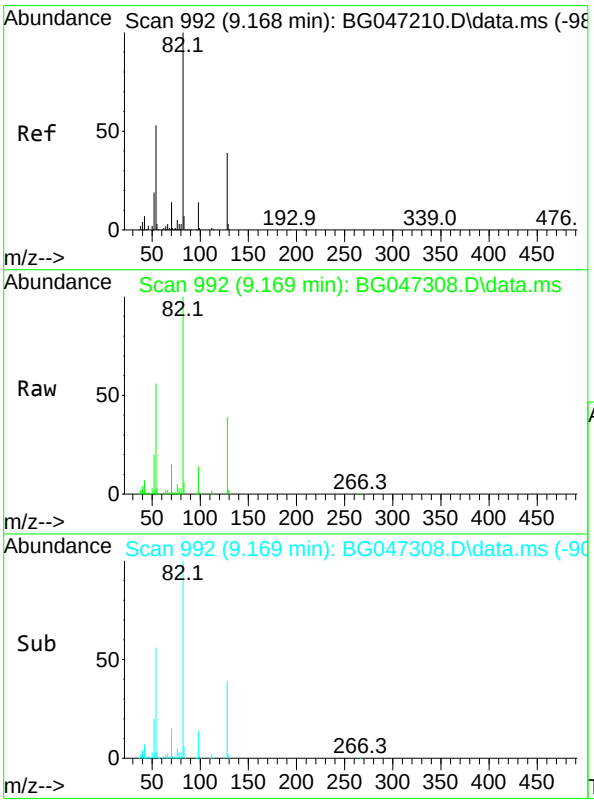
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:136 Resp: 294288

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.2	6.2	9.4
68	5.2	5.0	7.4



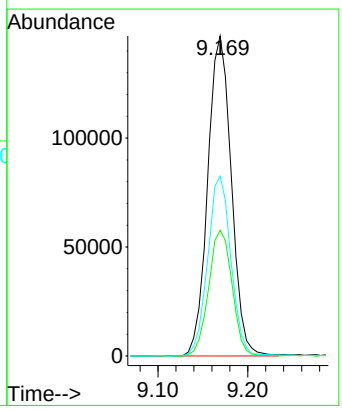
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10



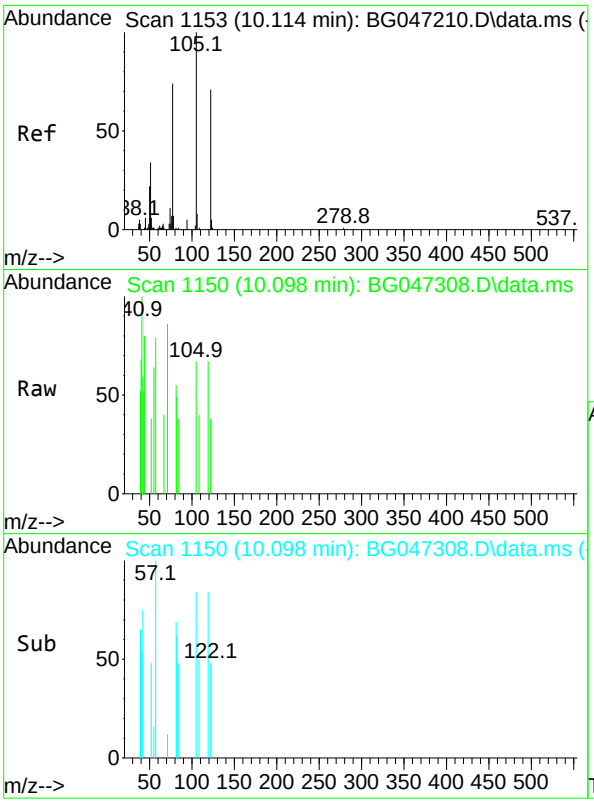
#23
Nitrobenzene-d5
Concen: 39.08 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion: 82 Resp: 267988

Ion	Ratio	Lower	Upper
82	100		
128	39.2	37.0	55.6
54	56.1	39.0	58.4



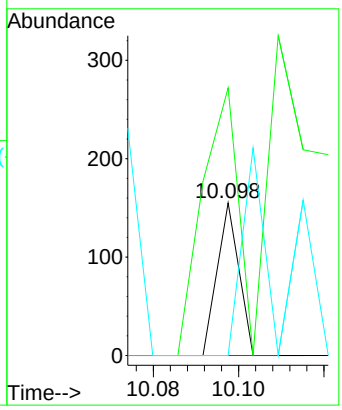
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

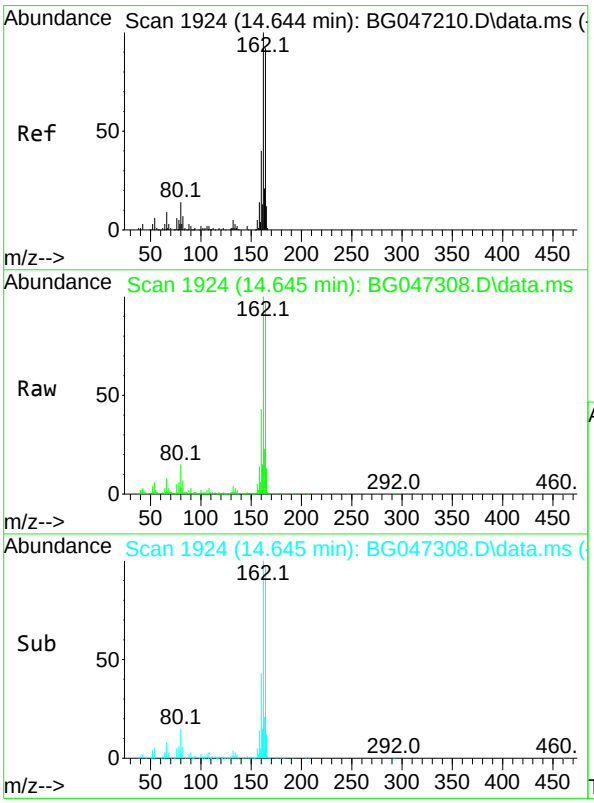


#32
Benzoic acid
Concen: 4.76 ng
RT: 10.098 min Scan# 1150
Delta R.T. -0.016 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	175.5	103.7	143.7#
77	0.0	63.0	103.0#

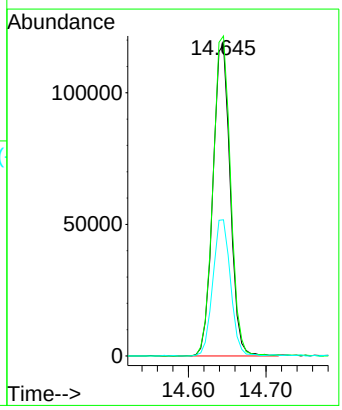




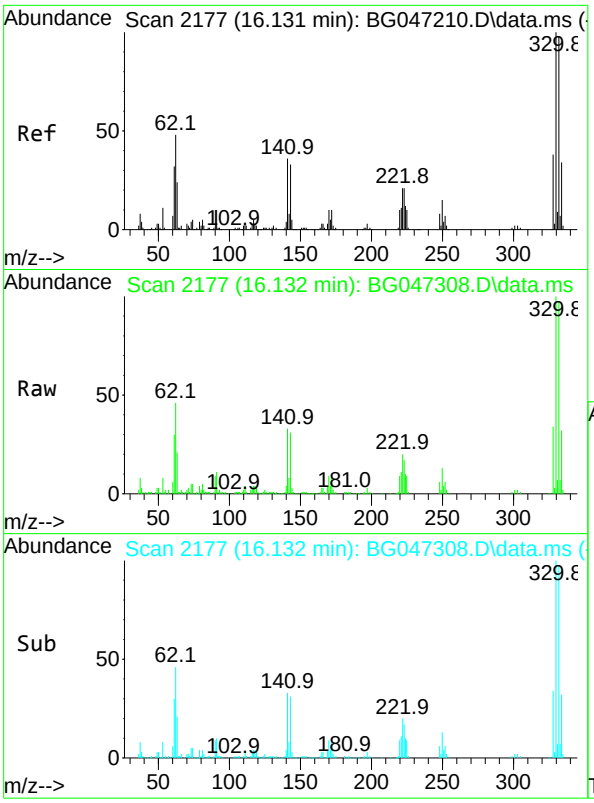
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:164 Resp: 183717

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.3	123.5
160	43.7	35.3	52.9



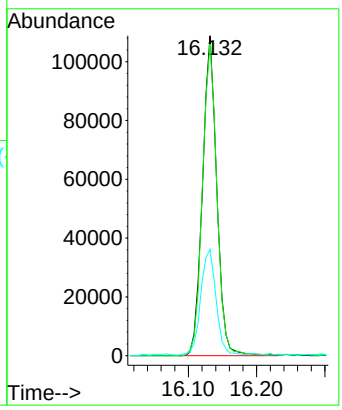
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

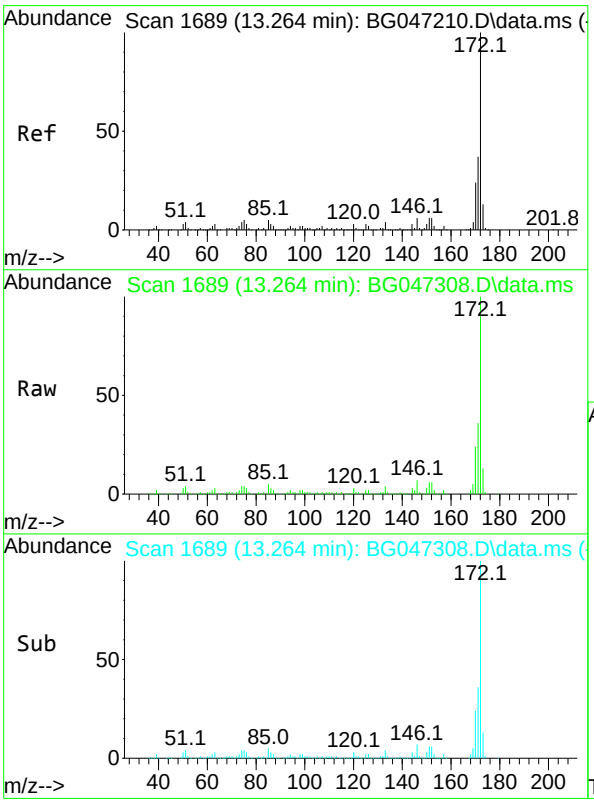


#42
2,4,6-Tribromophenol
Concen: 51.63 ng
RT: 16.132 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:330 Resp: 158822

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.5	114.7
141	35.0	26.0	39.0

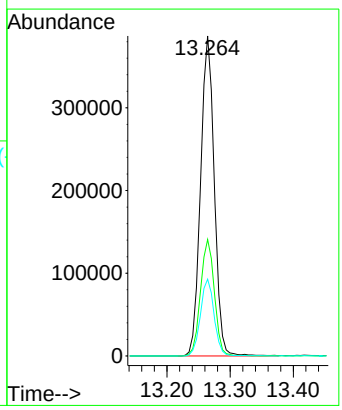




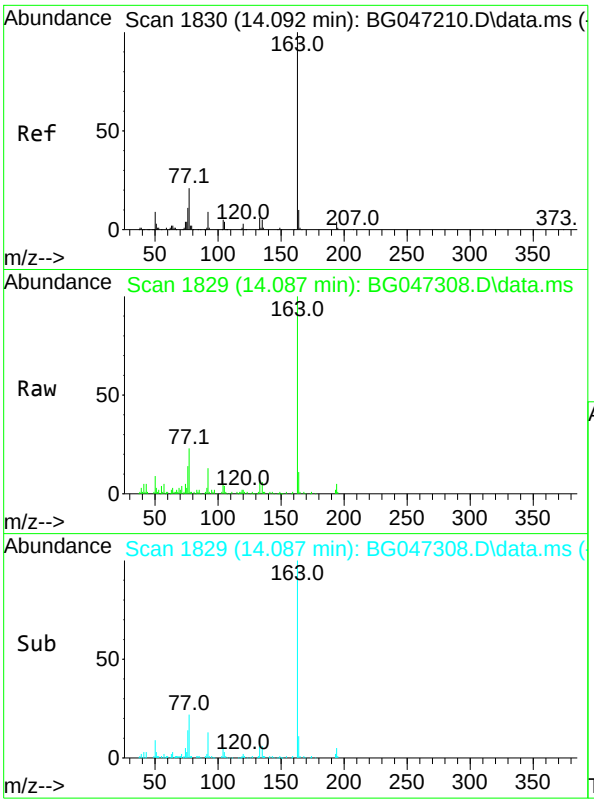
#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 13.264 min Scan# 1689
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:172 Resp: 582908

Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.3	46.9
170	24.0	20.8	31.2



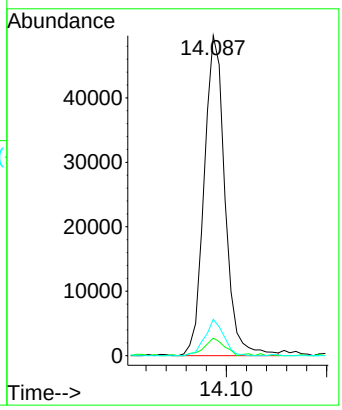
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

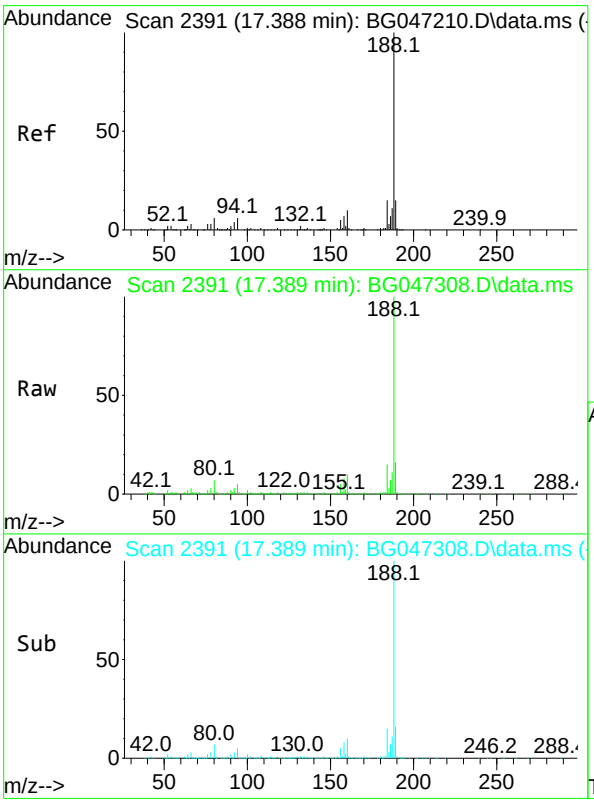


#50
Dimethylphthalate
Concen: 4.41 ng
RT: 14.087 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:163 Resp: 71620

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.8
164	11.4	8.8	13.2

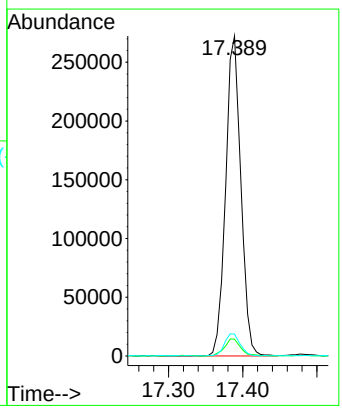




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:188 Resp: 387102

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.3	9.5#
80	6.9	7.0	10.6#



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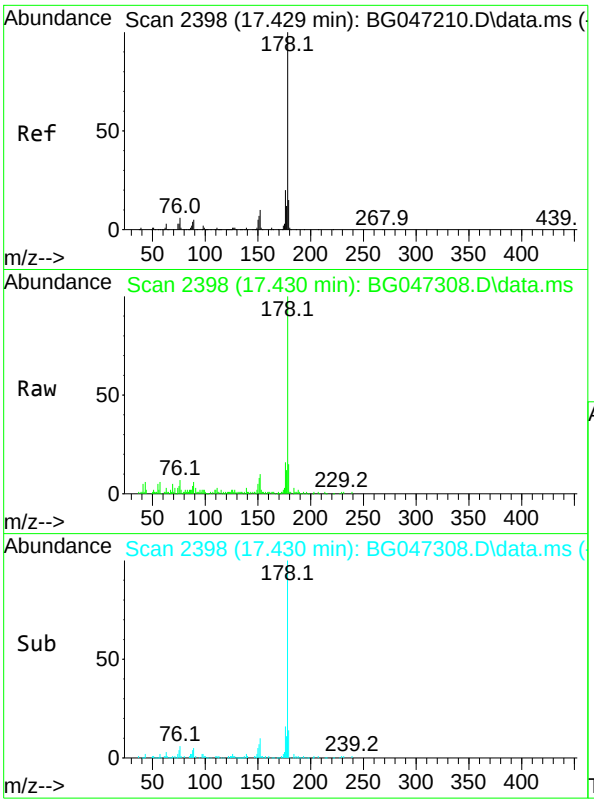
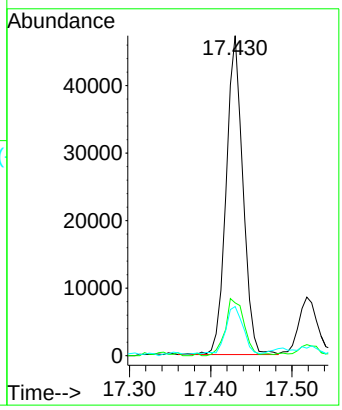
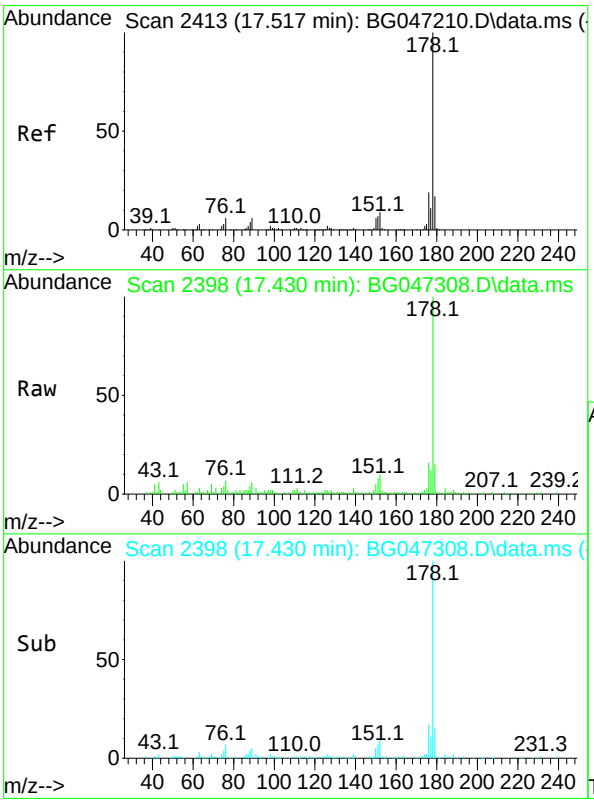


#71
Phenanthrene
Concen: 3.01 ng
RT: 17.430 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:178 Resp: 67612

Ion	Ratio	Lower	Upper
178	100		
176	16.5	16.7	25.1#
179	15.3	14.0	21.0

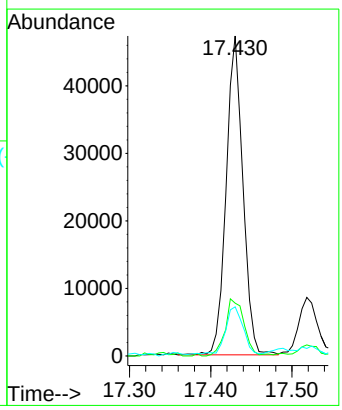




#72
Anthracene
Concen: 3.10 ng
RT: 17.430 min Scan# 2398
Delta R.T. -0.087 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:178 Resp: 67612

Ion	Ratio	Lower	Upper
178	100		
176	16.5	16.4	24.6
179	15.3	13.8	20.6



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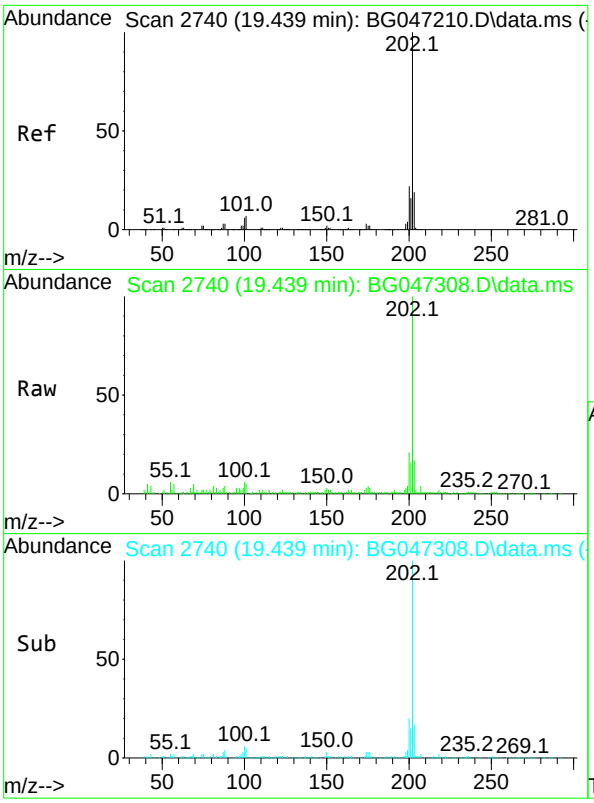
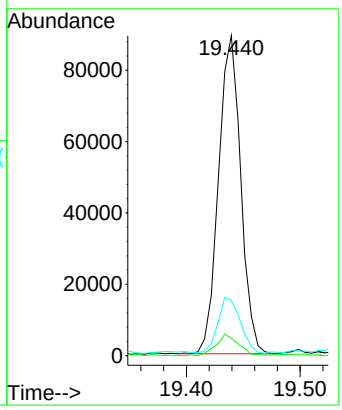
PAV-B11-110420-0-10

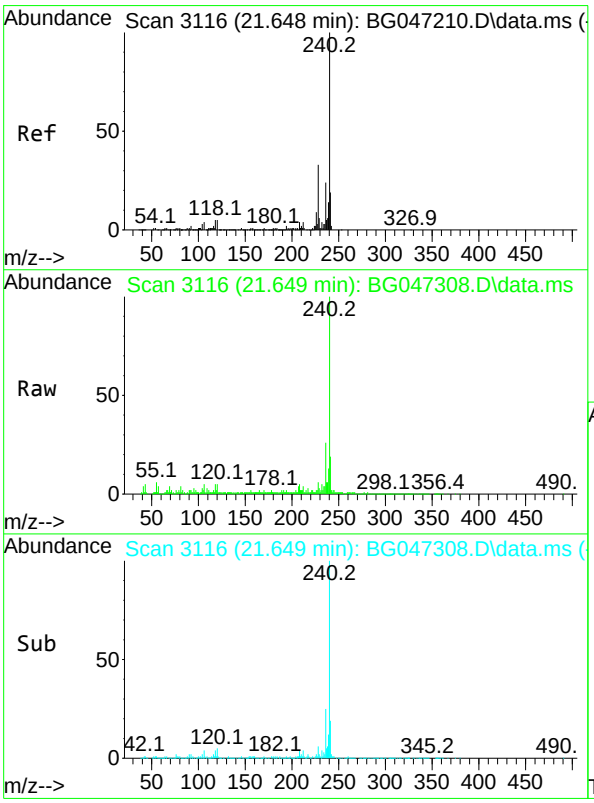


#75
Fluoranthene
Concen: 4.23 ng
RT: 19.439 min Scan# 2740
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:202 Resp: 121050

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	29.7
203	17.3	0.0	39.2

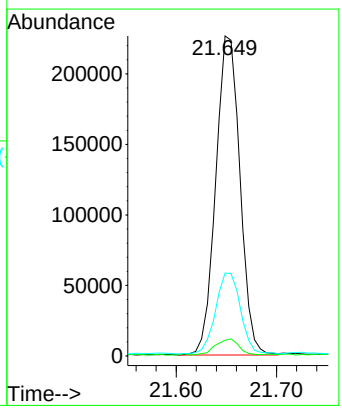


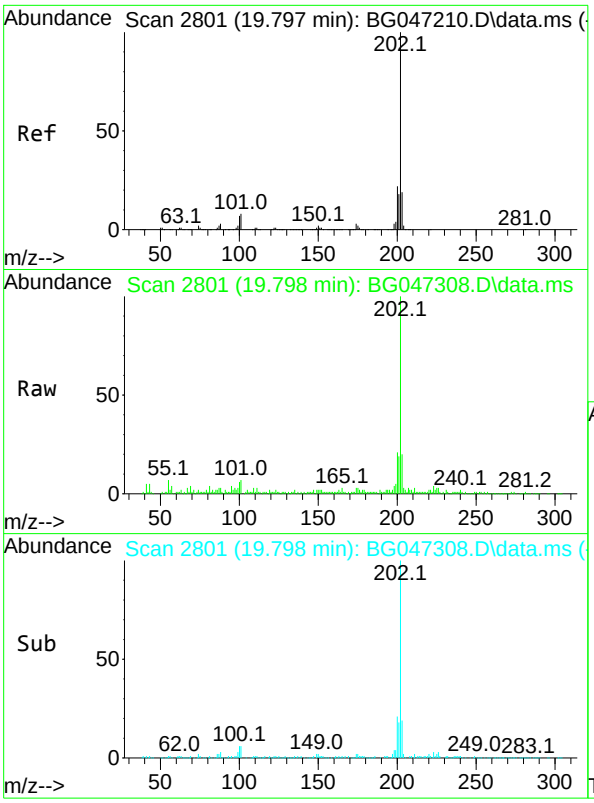


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.649 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:240 Resp: 378623

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.2	9.4#
236	25.9	20.5	30.7

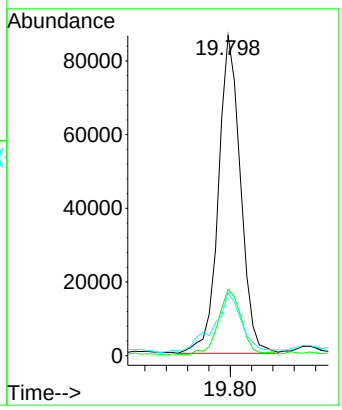




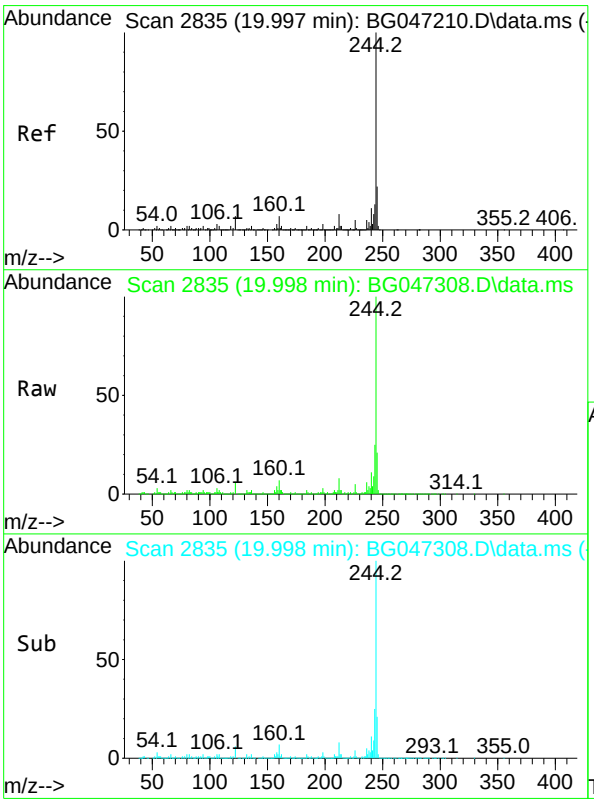
#78
Pyrene
Concen: 4.70 ng
RT: 19.798 min Scan# 2801
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:202 Resp: 123988

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.6	27.8
203	19.8	15.3	22.9



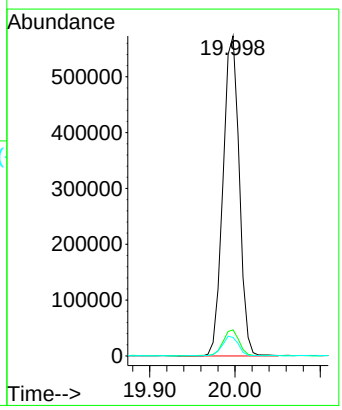
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10



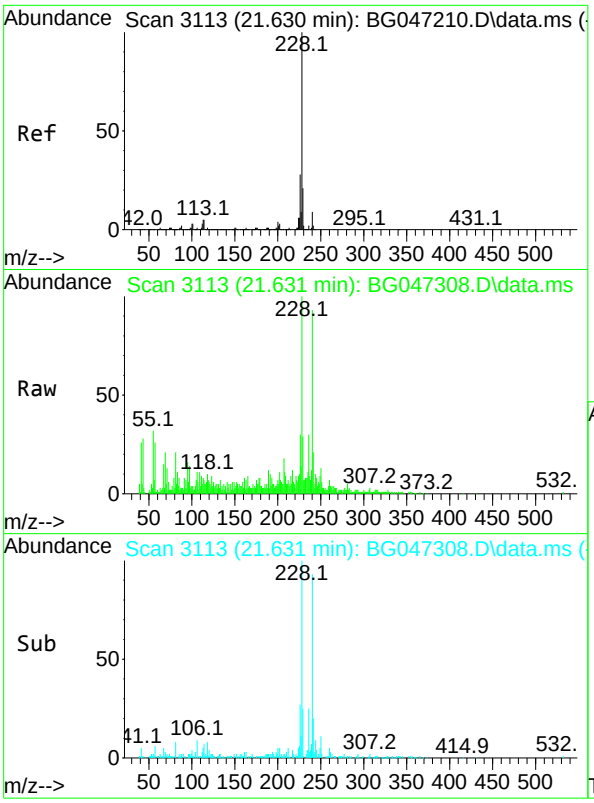
#79
Terphenyl-d14
Concen: 35.30 ng
RT: 19.998 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:244 Resp: 759992

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.7	10.1
122	5.8	7.8	11.6#



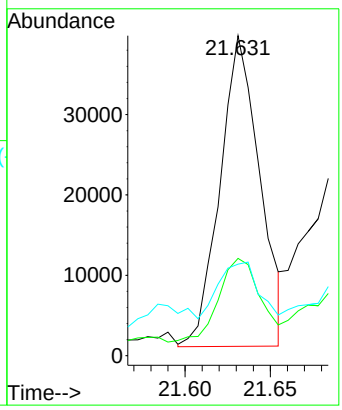
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

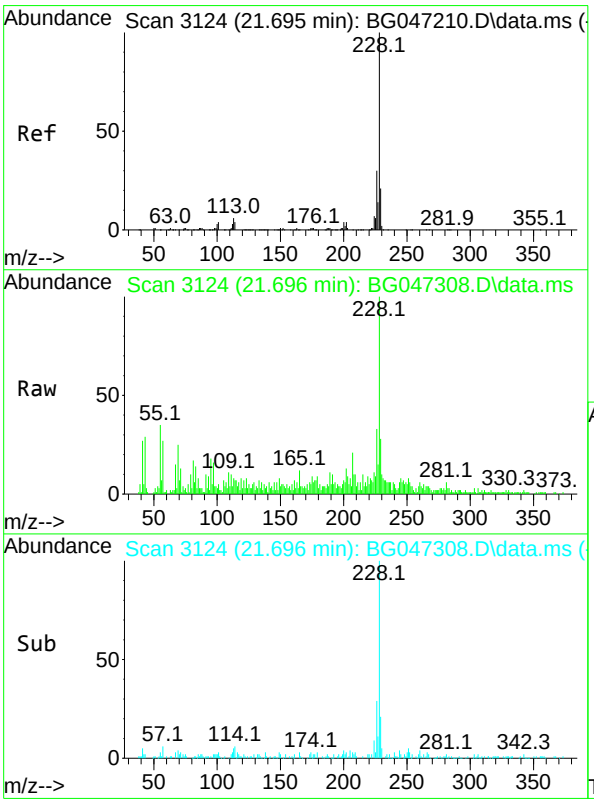


#81
Benzo(a)anthracene
Concen: 2.34 ng
RT: 21.631 min Scan# 3113
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:228 Resp: 62684

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	28.6	17.4	26.0#

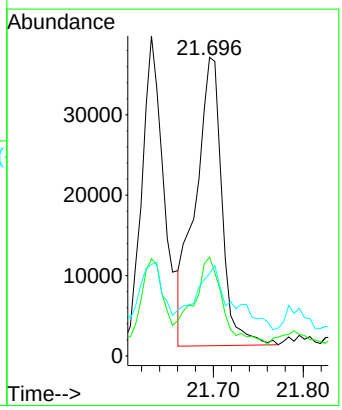




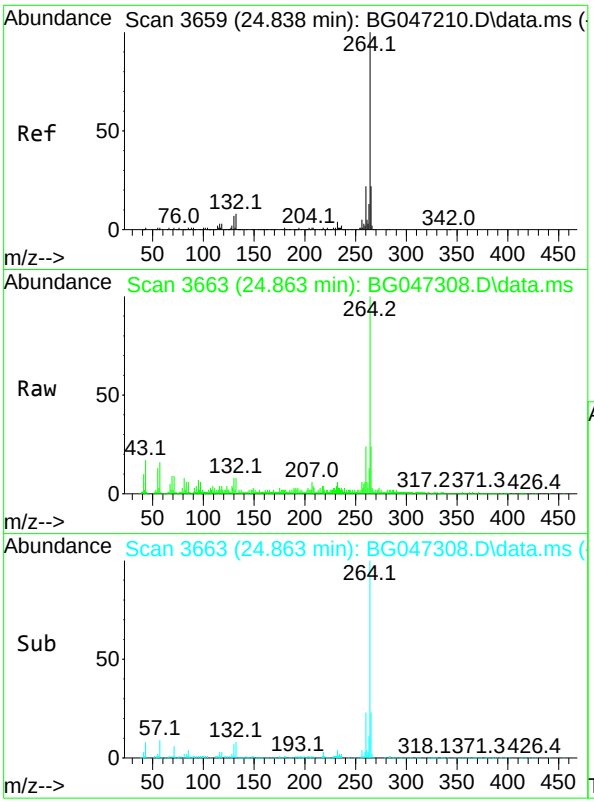
#83
Chrysene
Concen: 2.87 ng
RT: 21.696 min Scan# 3124
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:228 Resp: 74140

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.4
229	27.5	17.3	25.9#



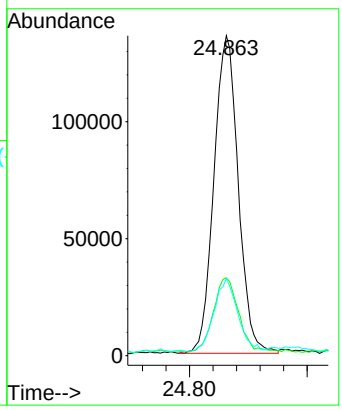
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

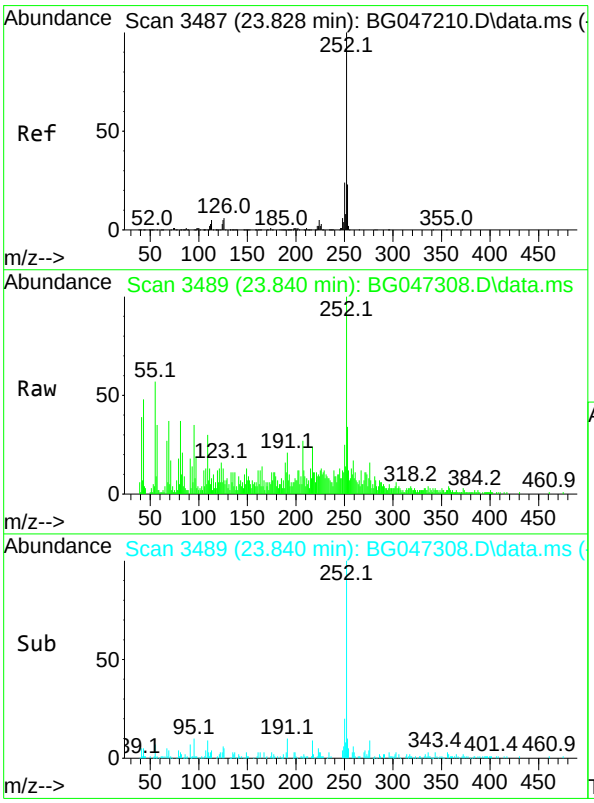


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.863 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:264 Resp: 389595

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	24.2	17.8	26.8

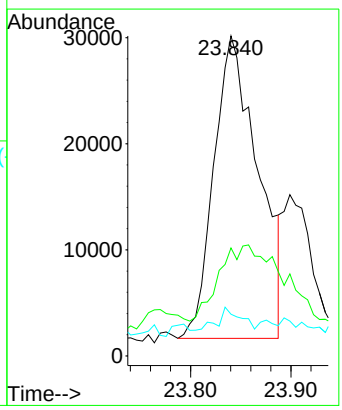




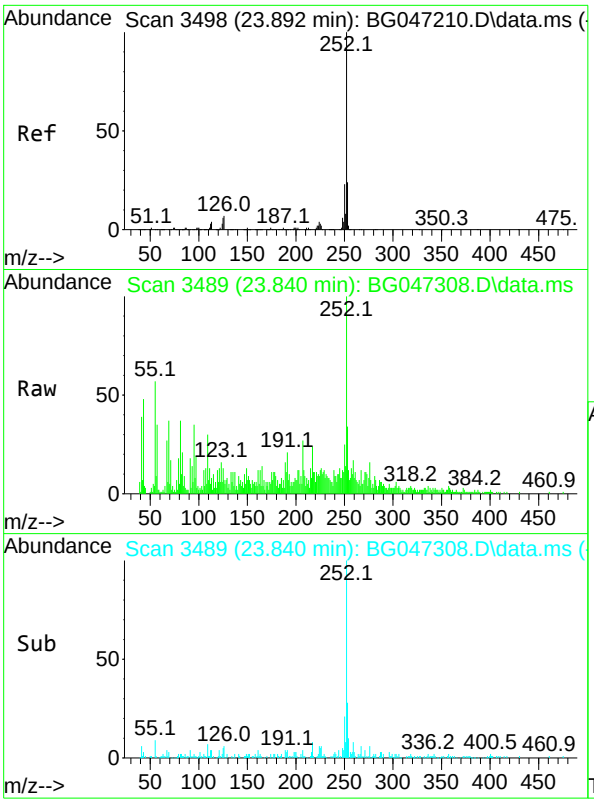
#88
Benzo(b)fluoranthene
Concen: 3.28 ng
RT: 23.840 min Scan# 3489
Delta R.T. 0.013 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:252 Resp: 87368

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.7	28.1#
125	13.0	6.5	9.7#



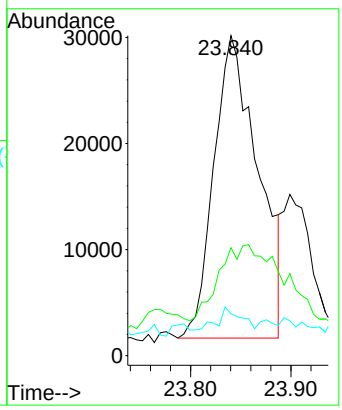
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

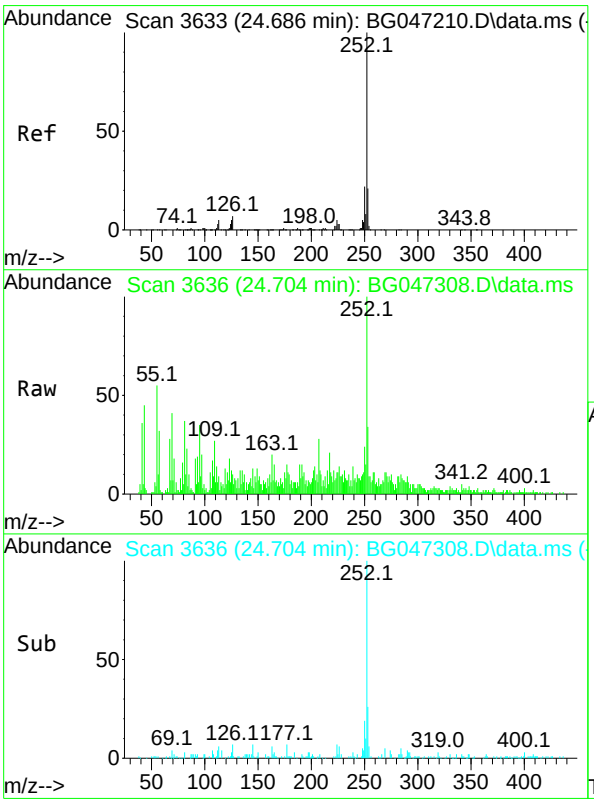


#89
Benzo(k)fluoranthene
Concen: 3.36 ng
RT: 23.840 min Scan# 3489
Delta R.T. -0.052 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:252 Resp: 87368

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.6	27.8#
125	13.0	6.8	10.2#





#90
Benzo(a)pyrene
Concen: 2.86 ng
RT: 24.704 min Scan# 3636
Delta R.T. 0.018 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:252 Resp: 71116

Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.9	26.9#
125	12.1	7.0	10.4#