Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049818.D
Acq On : 12 Aug 2021 15:04
Operator : CG/JU
Sample : M3335-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-080921

Quant Time: Aug 12 15:38:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	34880	20.000	ng	0.00
21) Naphthalene-d8	10.856	136	151484	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	108287	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	211702	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	176040	20.000	ng	0.00
86) Perylene-d12	25.008	264	186213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	33188	17.057	ng	0.00
7) Phenol-d6	7.197	99	49882	16.936	ng	0.00
23) Nitrobenzene-d5	9.206	82	34481	10.073	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	23849	14.984	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	77193	10.373	ng	0.00
79) Terphenyl-d14	20.050	244	105388	10.873	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.200	70	4709	2.389	ng	# 87
41) Hexachlorocyclopentadiene	13.159	237	53	3.570	ng	# 31
51) 2,6-Dinitrotoluene	14.686	165	12969	7.210	ng	# 12
57) 2,4-Dinitrotoluene	14.686	165	12969	5.133	ng	# 17
71) Phenanthrene	17.483	178	35625	3.199	ng	93
75) Fluoranthene	19.498	202	68628	5.007	ng	99
78) Pyrene	19.498	202	68628	5.718	ng	96
81) Benzo(a)anthracene	21.700	228	29364	2.561	ng	# 89
83) Chrysene	21.771	228	26135	2.385	ng	# 86
88) Benzo(b)fluoranthene	23.962	252	36084	2.955	ng	# 89
89) Benzo(k)fluoranthene	23.962	252	36084	3.168	ng	# 93
90) Benzo(a)pyrene	24.855	252	29210	2.643	ng	# 95

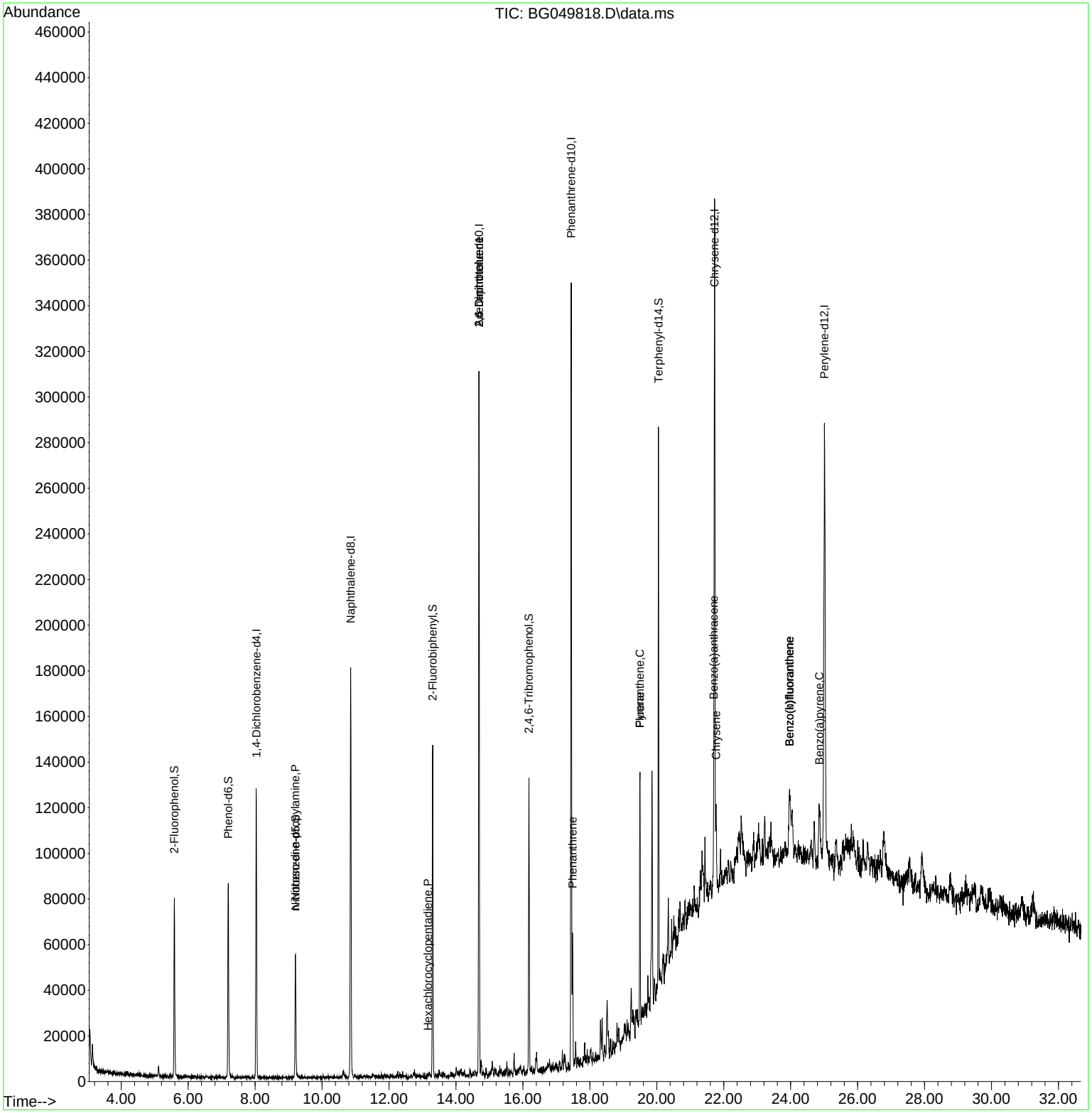
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

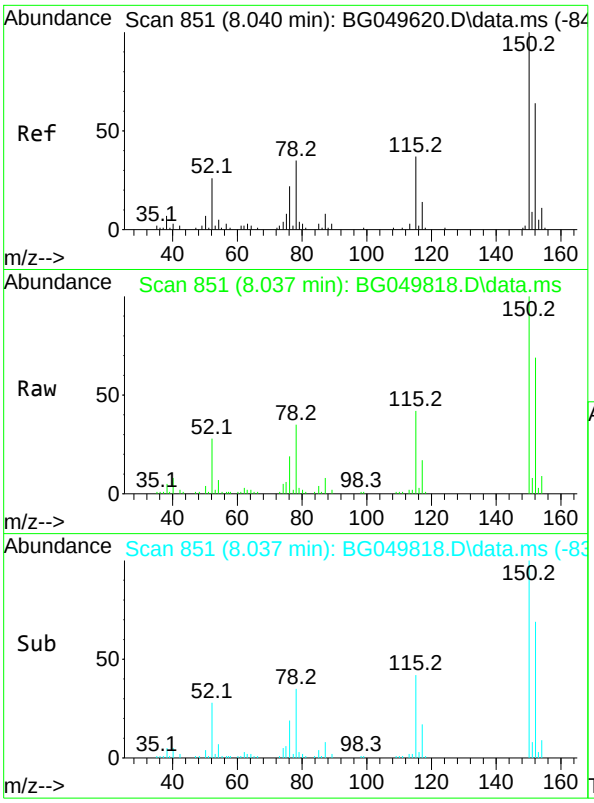
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049818.D
Acq On : 12 Aug 2021 15:04
Operator : CG/JU
Sample : M3335-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-080921

Quant Time: Aug 12 15:38:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration



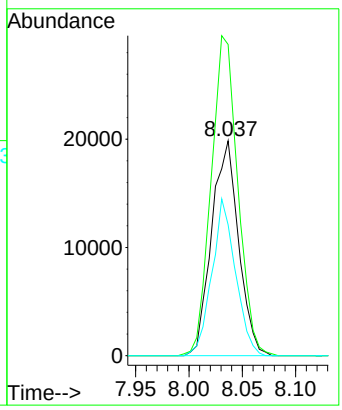
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

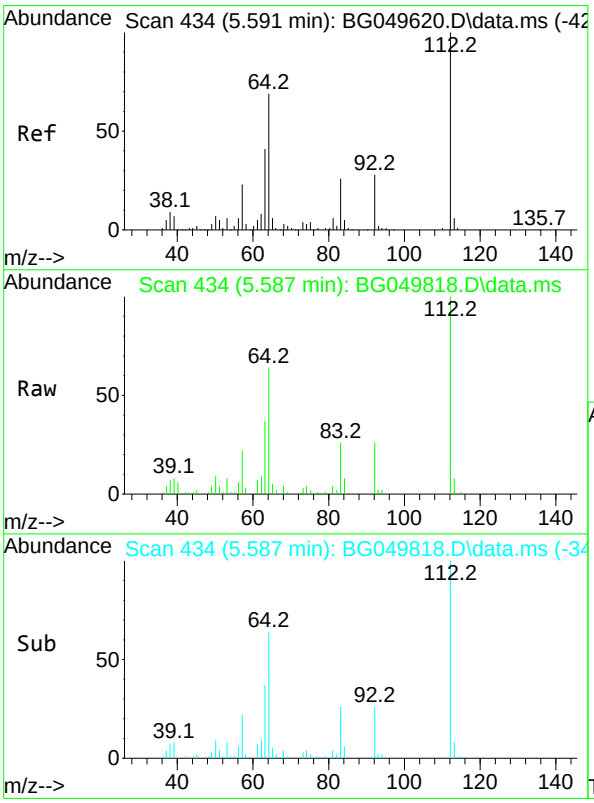


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:152 Resp: 34880

Ion	Ratio	Lower	Upper
152	100		
150	144.8	119.4	179.0
115	60.9	60.2	90.4

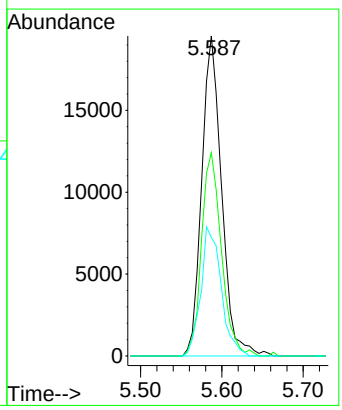




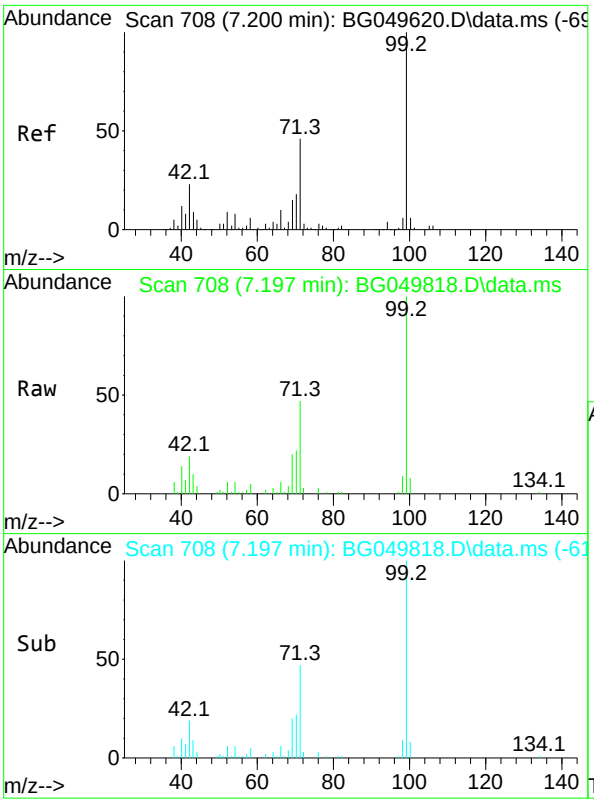
#5
2-Fluorophenol
Concen: 17.057 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:112 Resp: 33188

Ion	Ratio	Lower	Upper
112	100		
64	63.5	46.7	70.1
63	37.1	35.3	52.9



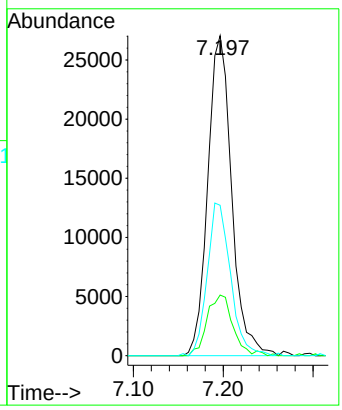
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

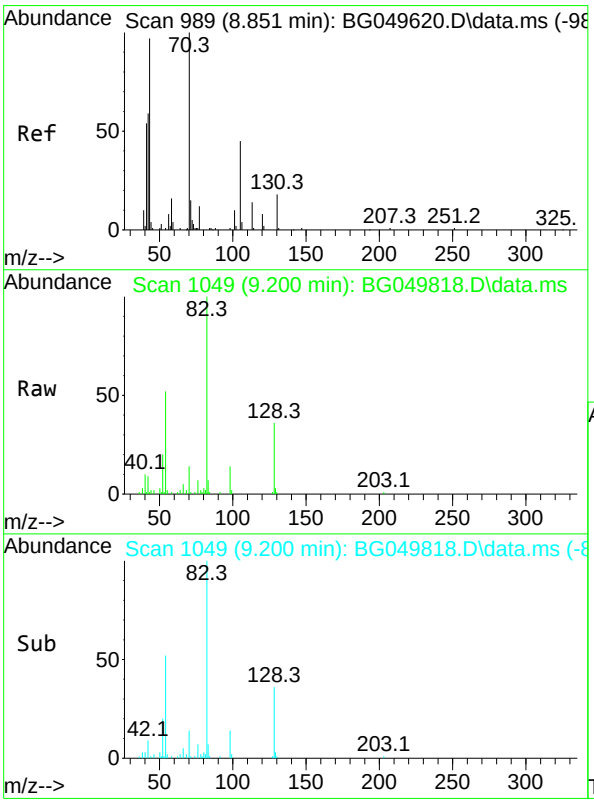


#7
Phenol-d6
Concen: 16.936 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion: 99 Resp: 49882

Ion	Ratio	Lower	Upper
99	100		
42	19.0	20.5	30.7#
71	47.0	41.5	62.3

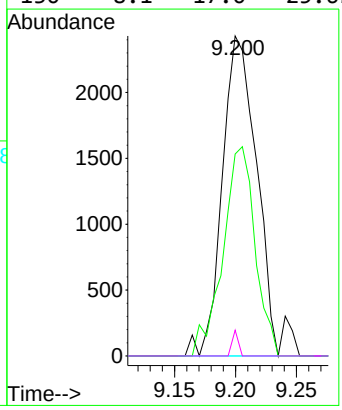




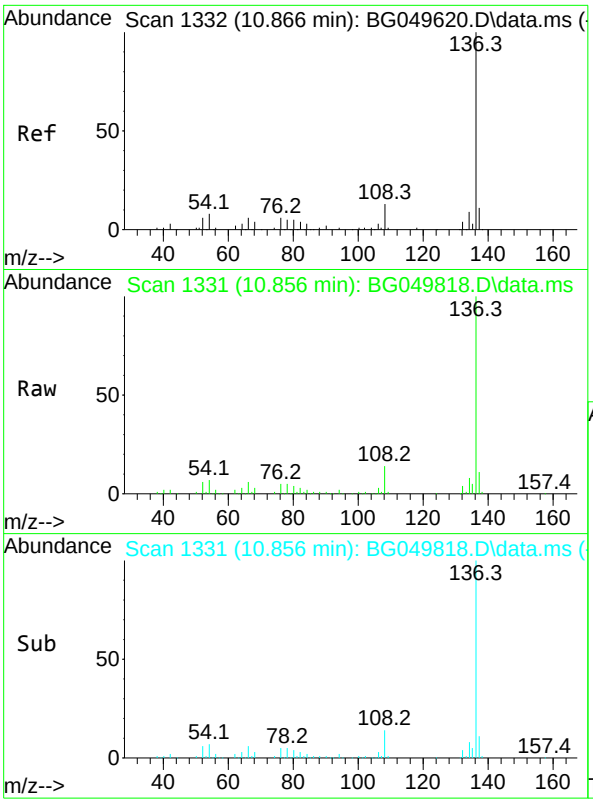
#19
n-Nitroso-di-n-propylamine
Concen: 2.389 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.349 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion: 70 Resp: 4709

Ion	Ratio	Lower	Upper
70	100		
42	63.1	54.5	81.7
101	0.0	9.0	13.6#
130	8.1	17.0	25.6#



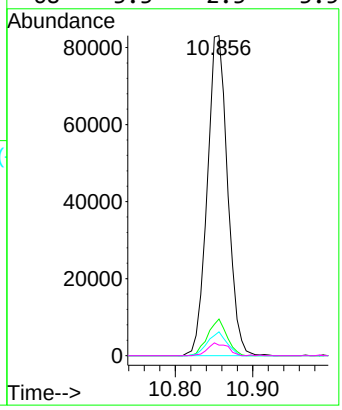
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

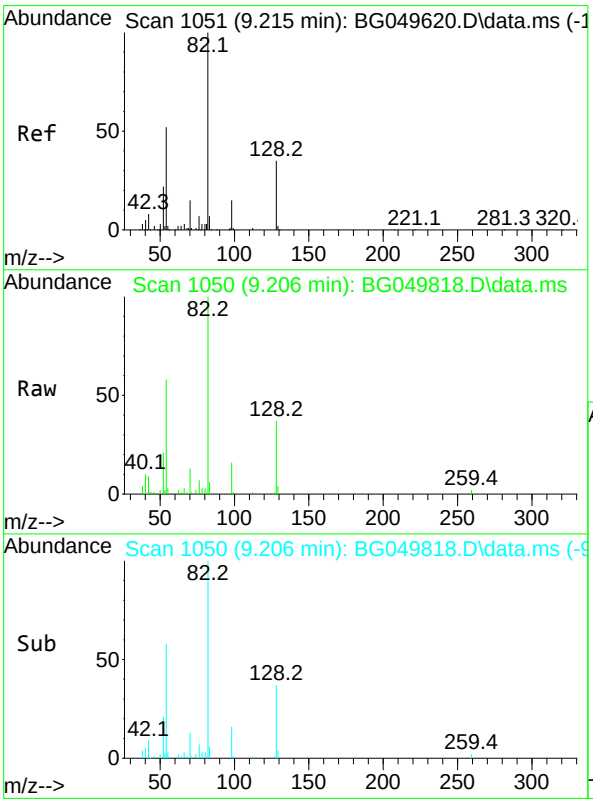


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.856 min Scan# 1331
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:136 Resp: 151484

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	7.4	5.5	8.3
68	3.3	2.3	3.5

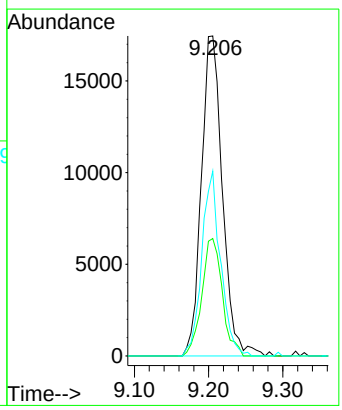


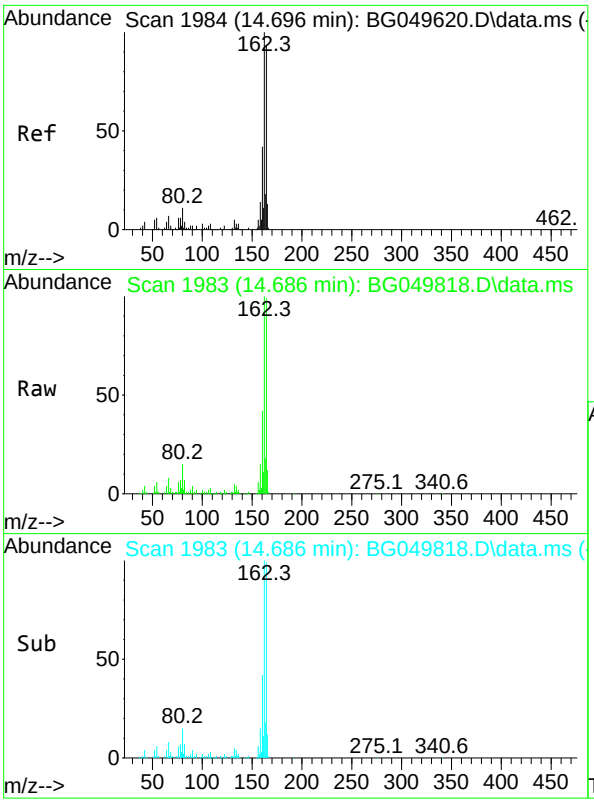


#23
Nitrobenzene-d5
Concen: 10.073 ng
RT: 9.206 min Scan# 1050
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion: 82 Resp: 34481

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	57.7	45.8	68.8

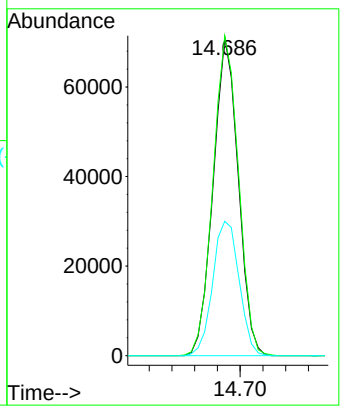




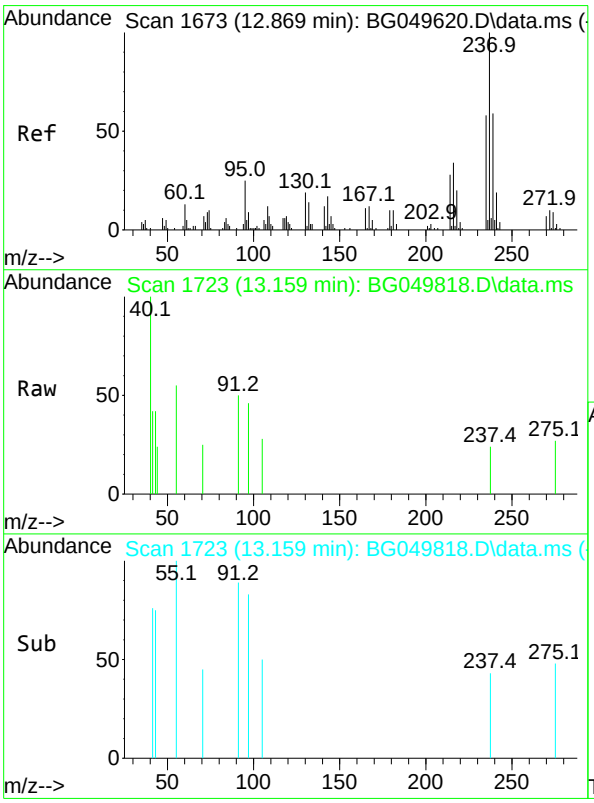
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1983
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:164 Resp: 108287

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.0
160	42.2	34.9	52.3



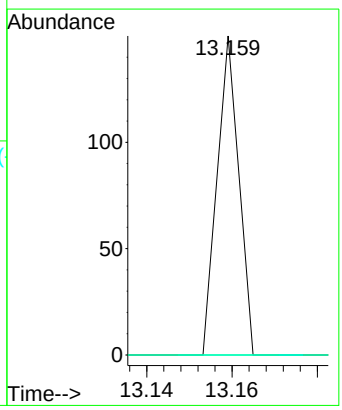
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

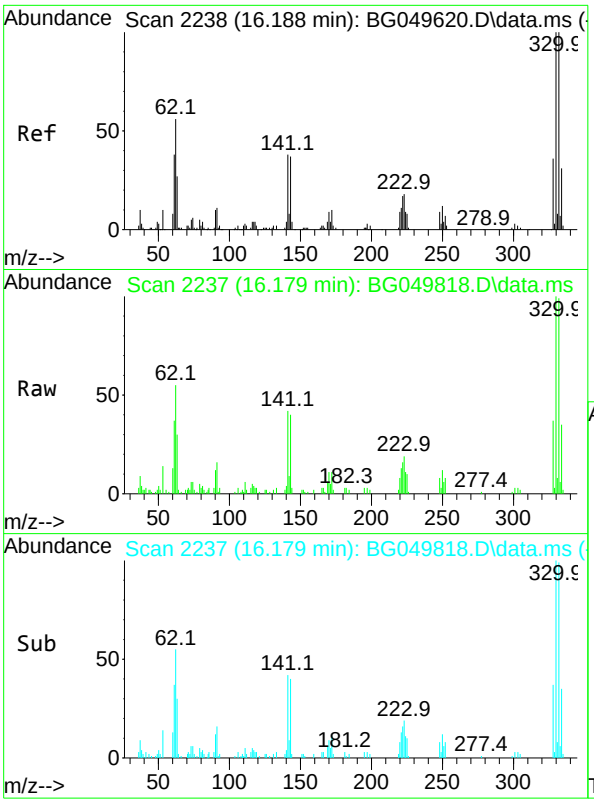


#41
Hexachlorocyclopentadiene
Concen: 3.570 ng
RT: 13.159 min Scan# 1723
Delta R.T. 0.290 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:237 Resp: 53

Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

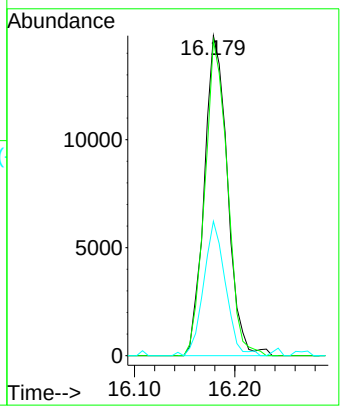




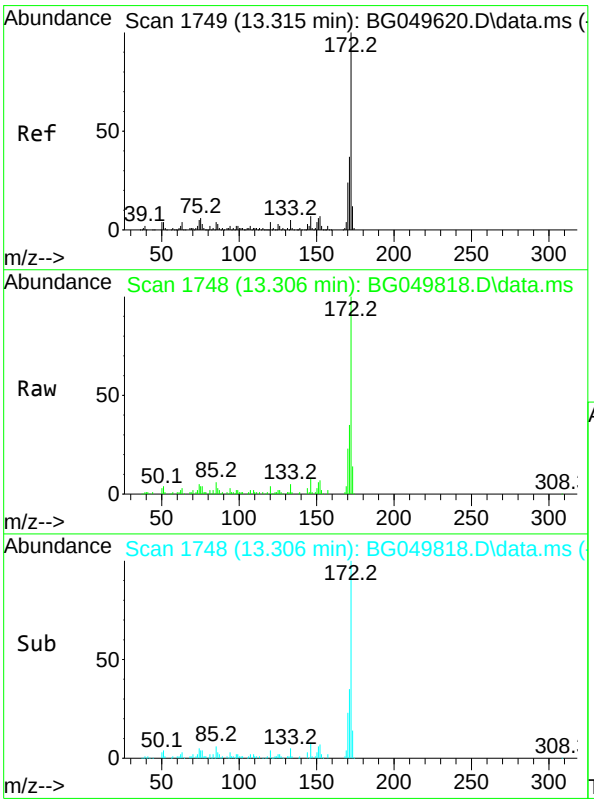
#42
2,4,6-Tribromophenol
Concen: 14.984 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:330 Resp: 23849

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	39.5	35.6	53.4



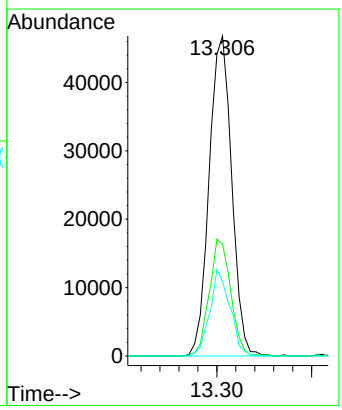
Instrument :
BNA_G
ClientSampleId :
OR-02-080921



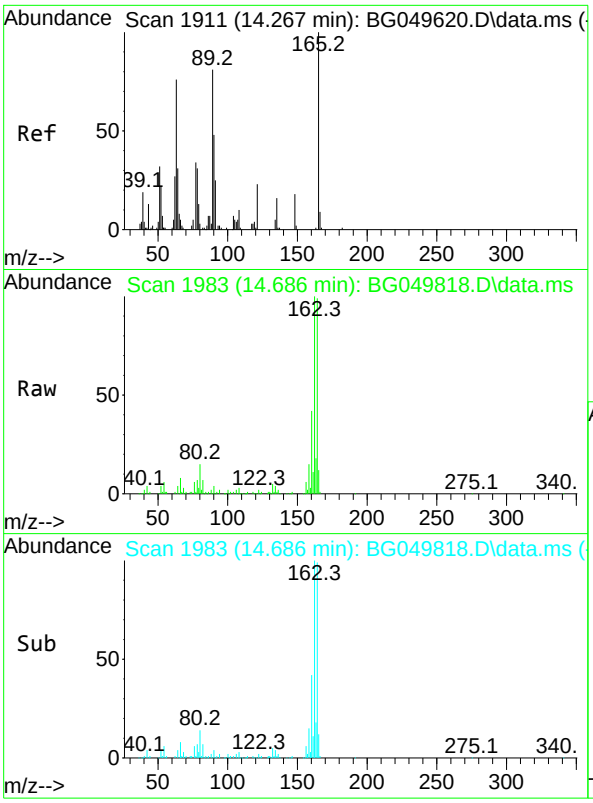
#45
2-Fluorobiphenyl
Concen: 10.373 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:172 Resp: 77193

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.3	18.6	27.8



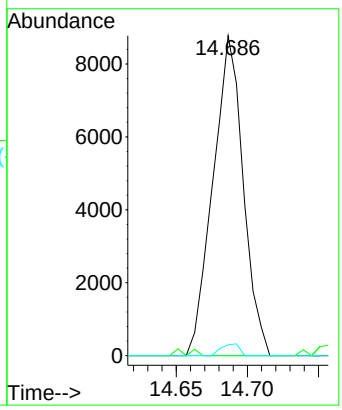
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

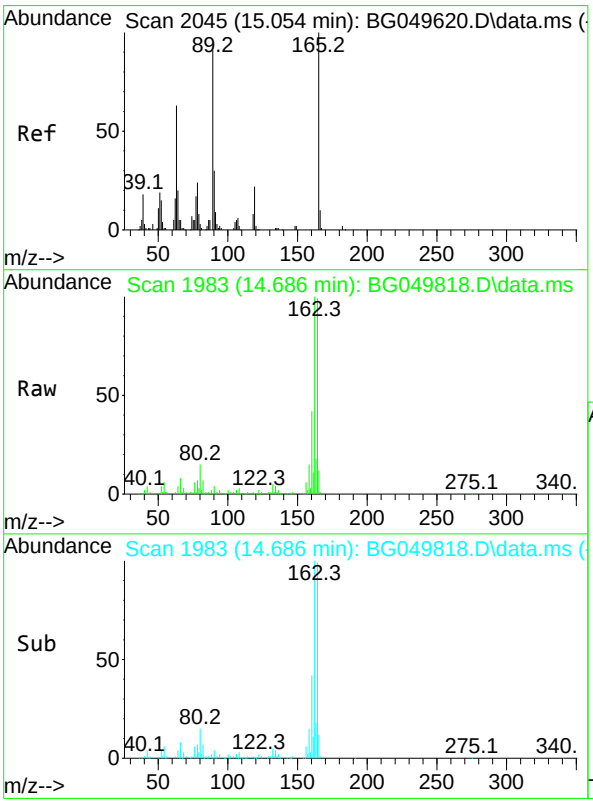


#51
2,6-Dinitrotoluene
Concen: 7.210 ng
RT: 14.686 min Scan# 1983
Delta R.T. 0.419 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:165 Resp: 12969

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	3.4	63.4	95.0#

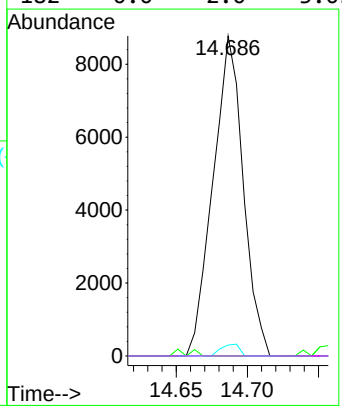


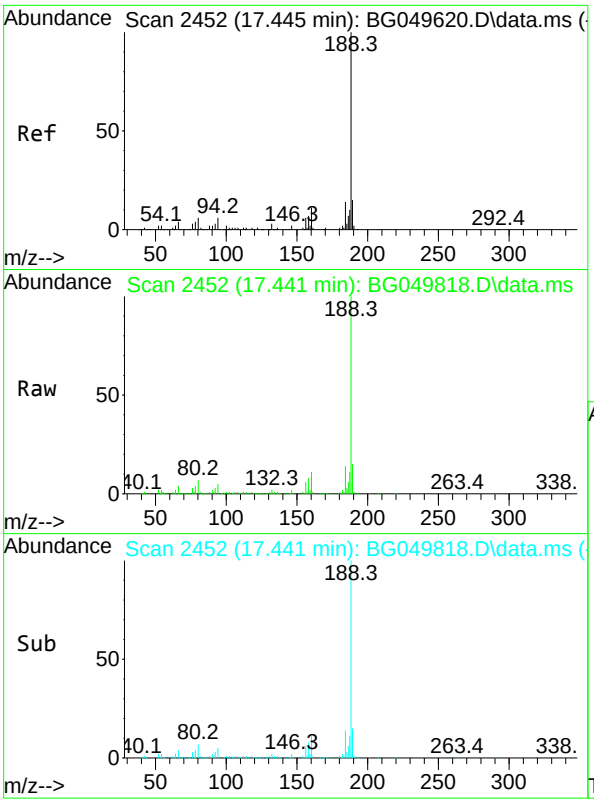


#57
2,4-Dinitrotoluene
Concen: 5.133 ng
RT: 14.686 min Scan# 1983
Delta R.T. -0.368 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:165 Resp: 12969

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	3.4	65.4	98.0#
182	0.0	2.0	3.0#

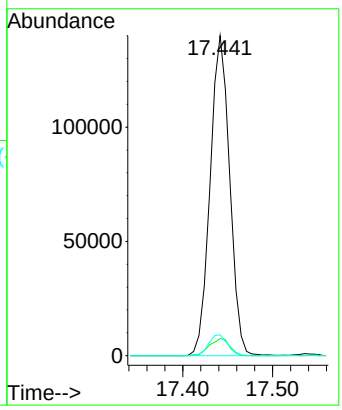




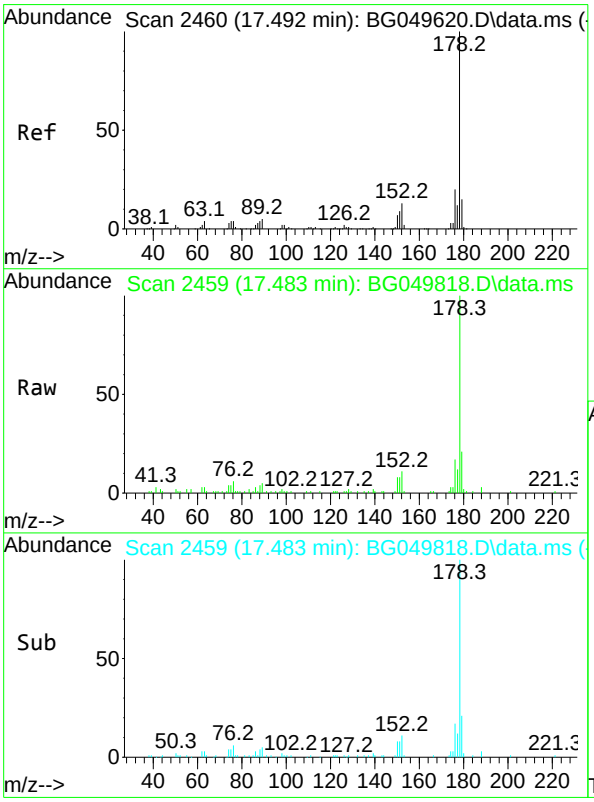
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:188 Resp: 211702

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.4	8.0#
80	6.6	3.7	5.5#



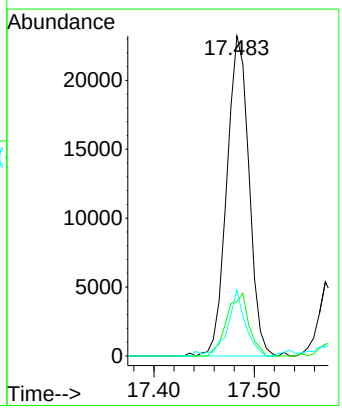
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

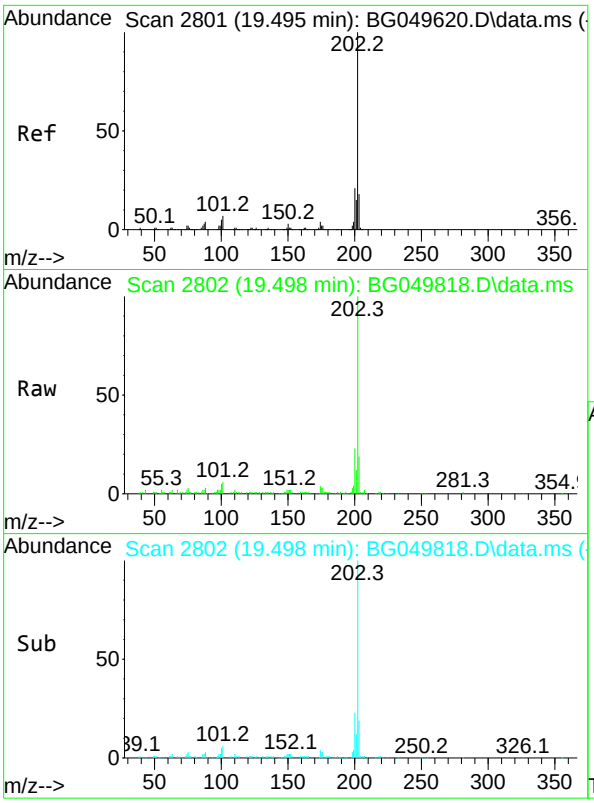


#71
Phenanthrene
Concen: 3.199 ng
RT: 17.483 min Scan# 2459
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:178 Resp: 35625

Ion	Ratio	Lower	Upper
178	100		
176	16.9	16.0	24.0
179	20.6	14.2	21.4

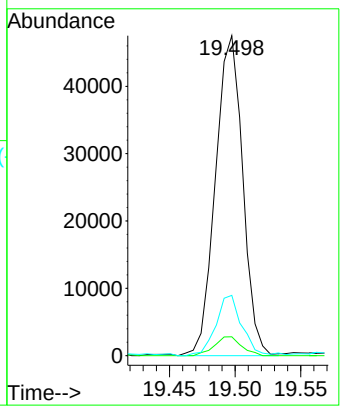




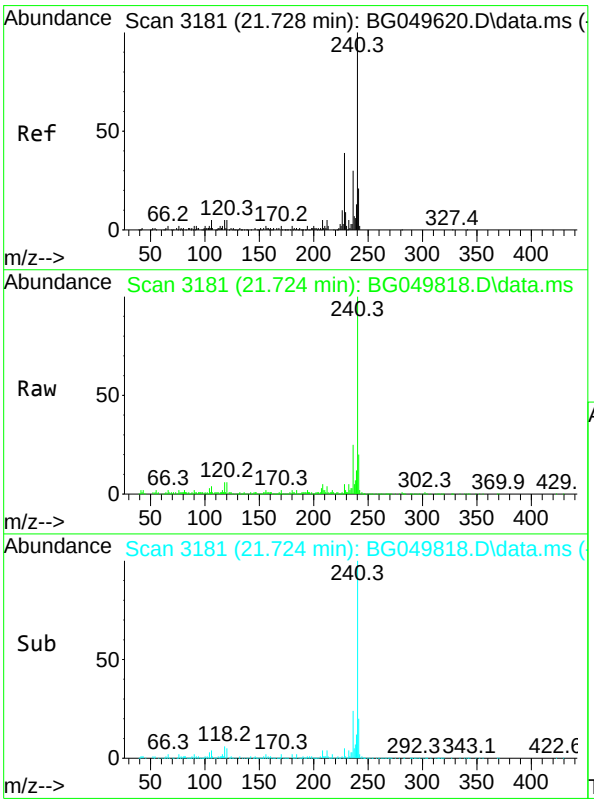
#75
Fluoranthene
Concen: 5.007 ng
RT: 19.498 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:202 Resp: 68628

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	24.7
203	18.8	0.0	38.5



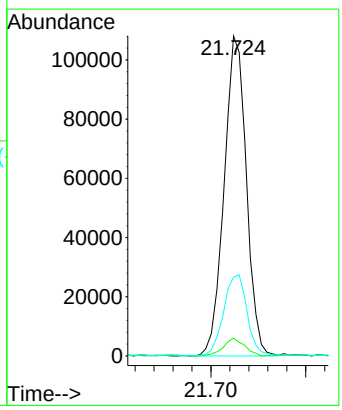
Instrument :
BNA_G
ClientSampleId :
OR-02-080921



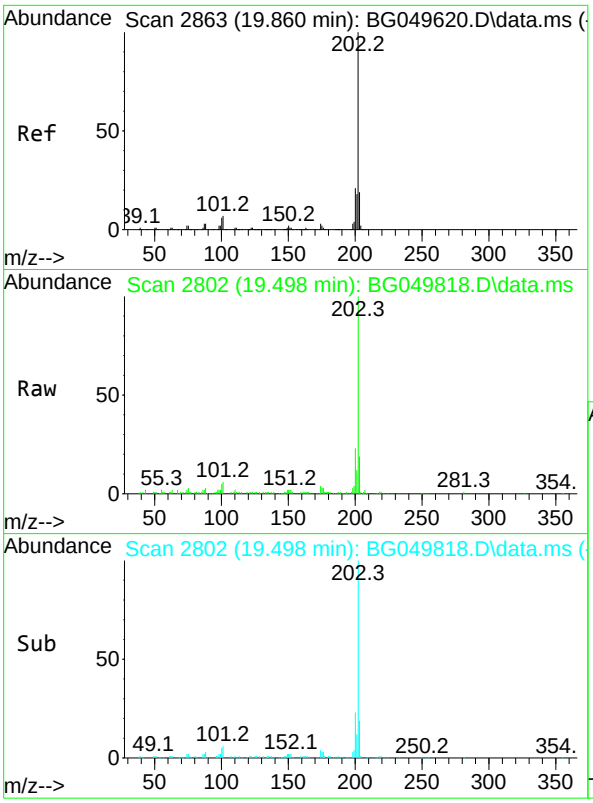
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:240 Resp: 176040

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.2	6.2
236	24.6	21.8	32.6



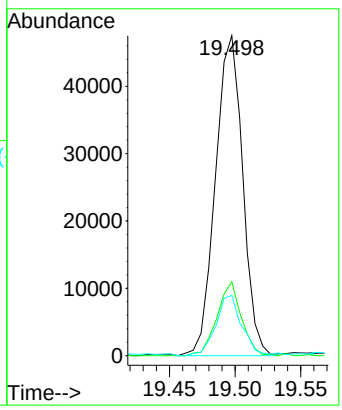
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

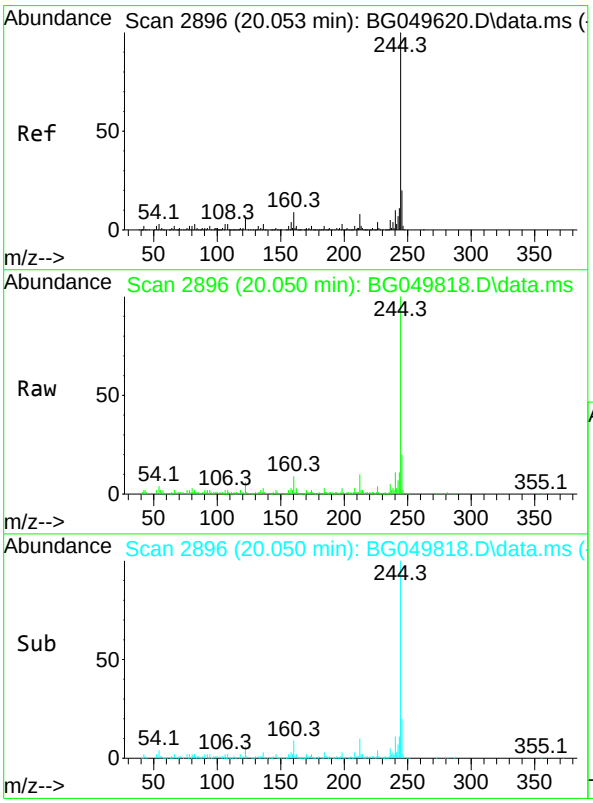


#78
Pyrene
Concen: 5.718 ng
RT: 19.498 min Scan# 2802
Delta R.T. -0.362 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:202 Resp: 68628

Ion	Ratio	Lower	Upper
202	100		
200	23.1	15.8	23.8
203	18.8	14.6	21.8

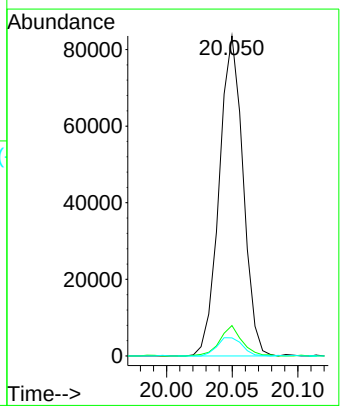




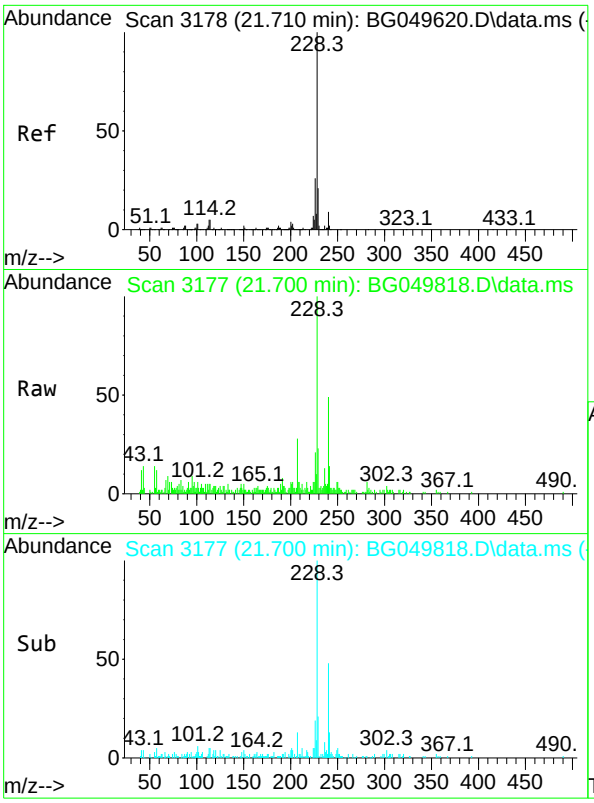
#79
Terphenyl-d14
Concen: 10.873 ng
RT: 20.050 min Scan# 2896
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:244 Resp: 105388

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.9	10.3
122	5.6	5.0	7.6



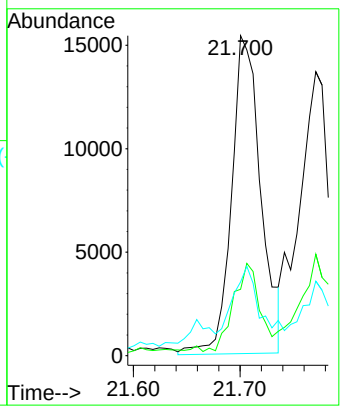
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

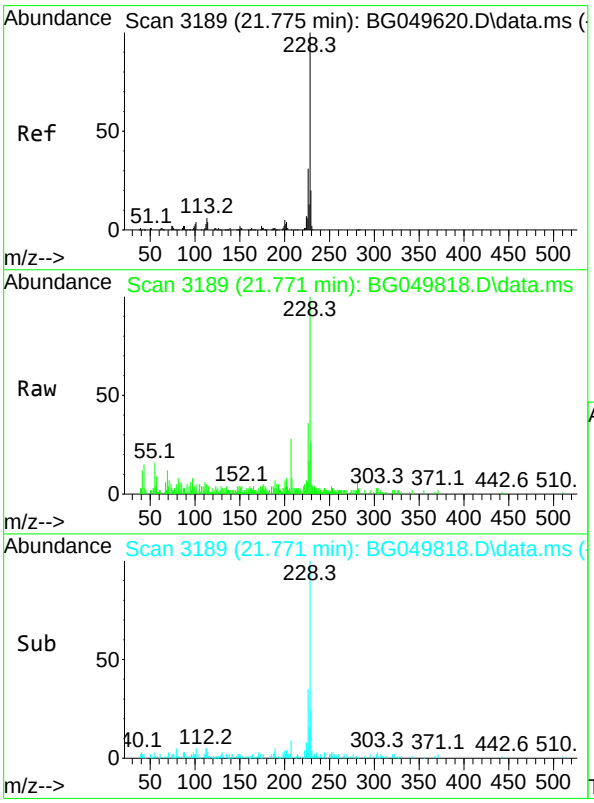


#81
Benzo(a)anthracene
Concen: 2.561 ng
RT: 21.700 min Scan# 3177
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:228 Resp: 29364

Ion	Ratio	Lower	Upper
228	100		
226	20.8	22.7	34.1#
229	23.0	16.0	24.0

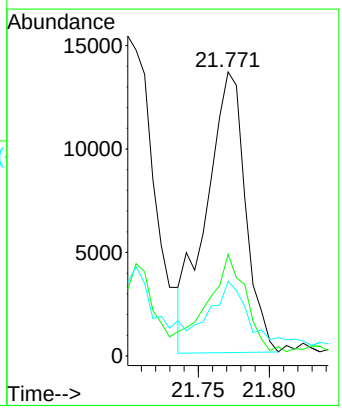


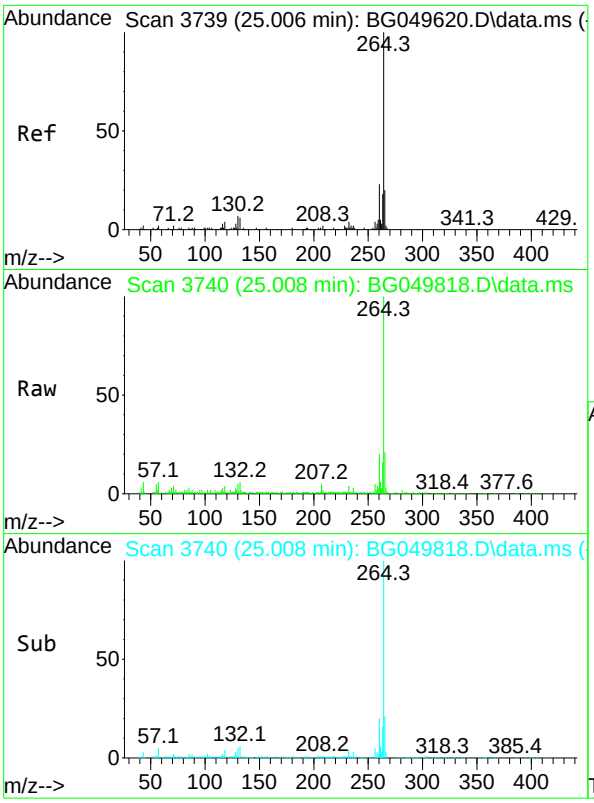


#83
Chrysene
Concen: 2.385 ng
RT: 21.771 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:228 Resp: 26135

Ion	Ratio	Lower	Upper
228	100		
226	35.8	23.1	34.7#
229	26.2	15.3	22.9#

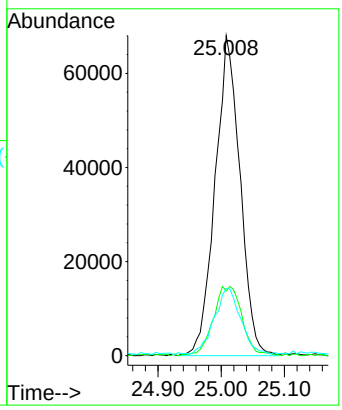




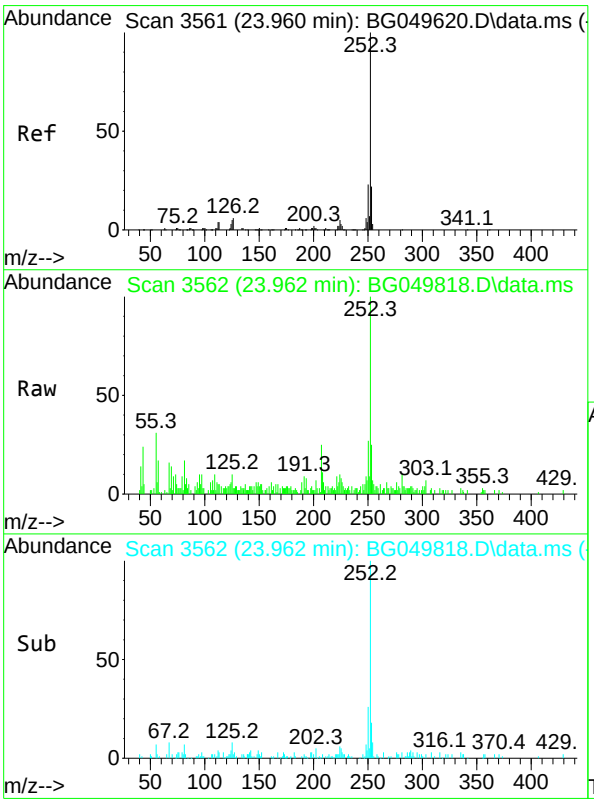
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3740
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:264 Resp: 186213

Ion	Ratio	Lower	Upper
264	100		
260	20.2	19.4	29.2
265	21.0	16.9	25.3



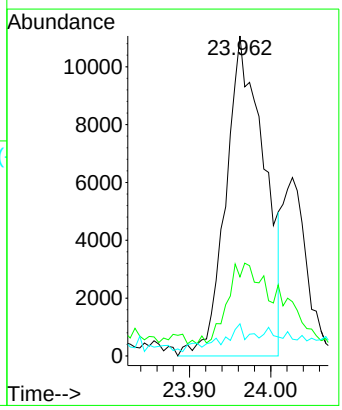
Instrument :
BNA_G
ClientSampleId :
OR-02-080921



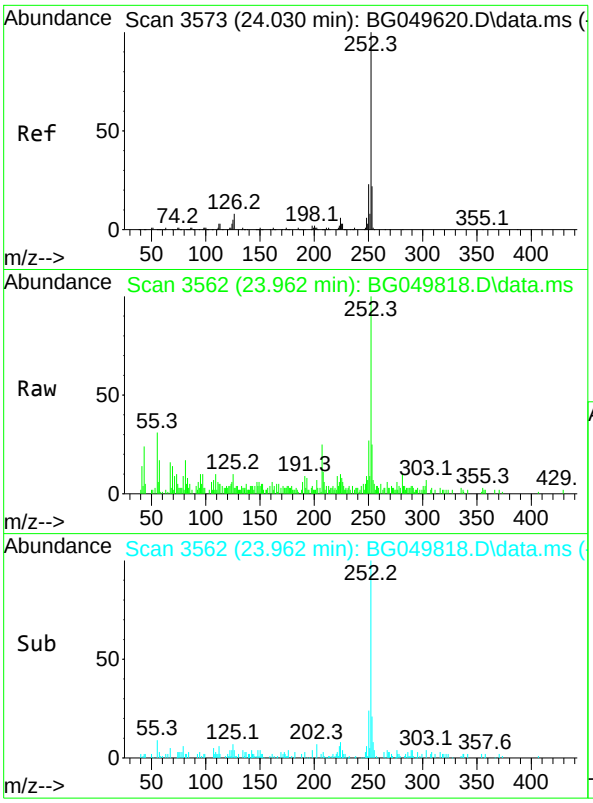
#88
Benzo(b)fluoranthene
Concen: 2.955 ng
RT: 23.962 min Scan# 3562
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:252 Resp: 36084

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.2	24.4#
125	10.1	3.0	4.4#



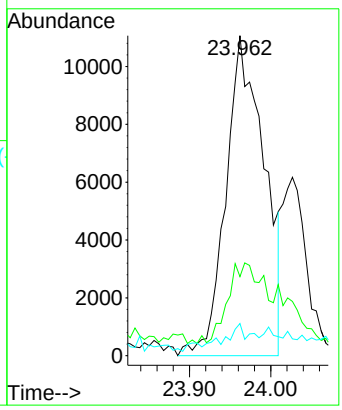
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

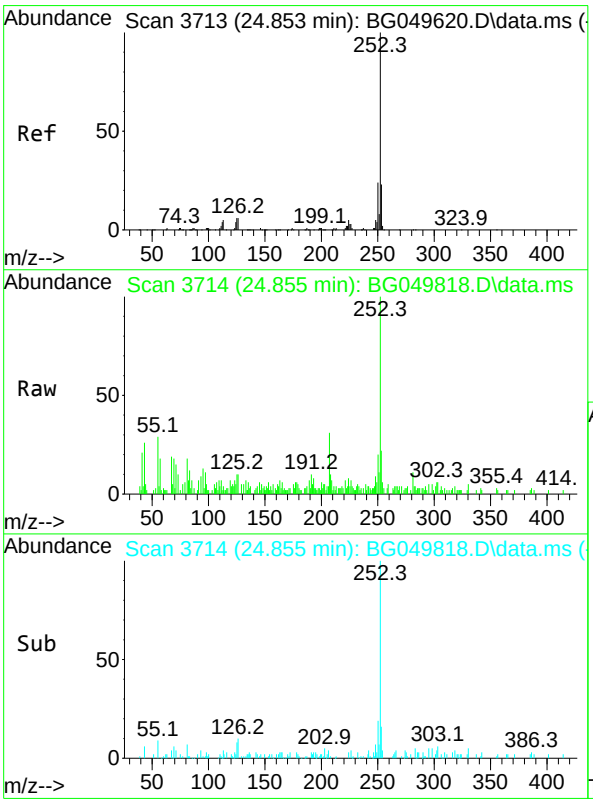


#89
Benzo(k)fluoranthene
Concen: 3.168 ng
RT: 23.962 min Scan# 3562
Delta R.T. -0.068 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:252 Resp: 36084

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	10.1	3.1	4.7#





#90
Benzo(a)pyrene
Concen: 2.643 ng
RT: 24.855 min Scan# 3714
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:252 Resp: 29210

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	25.0
125	9.9	3.5	5.3#