Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059906.D
Acq On : 27 Nov 2023 18:31
Operator : MA/JU
Sample : 05446-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Quant Time: Nov 27 23:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 13:17:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.309	152	34955	20.000	ng	0.00
21) Naphthalene-d8	11.158	136	134429	20.000	ng	# 0.00
39) Acenaphthene-d10	14.936	164	81571	20.000	ng	0.00
64) Phenanthrene-d10	17.686	188	161038	20.000	ng	# 0.00
76) Chrysene-d12	22.010	240	140318	20.000	ng	0.00
86) Perylene-d12	25.571	264	170245	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	182579	87.915	ng	0.00
7) Phenol-d6	7.433	99	258919	84.131	ng	0.00
23) Nitrobenzene-d5	9.507	82	240813	68.416	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	101786	109.977	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	439947	72.598	ng	0.00
79) Terphenyl-d14	20.265	244	657078	69.129	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.733	178	106357	12.990	ng	# 93
72) Anthracene	17.821	178	23115	2.717	ng	# 84
75) Fluoranthene	19.725	202	149113	15.187	ng	98
78) Pyrene	19.725	202	149113	15.619	ng	95
81) Benzo(a)anthracene	21.987	228	70394	7.332	ng	97
83) Chrysene	21.987	228	70394	7.998	ng	97
88) Benzo(b)fluoranthene	24.413	252	82613	8.854	ng	# 98
89) Benzo(k)fluoranthene	24.413	252	82613	8.955	ng	95
90) Benzo(a)pyrene	25.400	252	61557	6.181	ng	# 91
92) Benzo(g,h,i)perylene	30.994	276	39784	3.847	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
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Misc :
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Instrument :
BNA_G
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JC-03-111523A

Quant Time: Nov 27 23:13:44 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 13:17:45 2023
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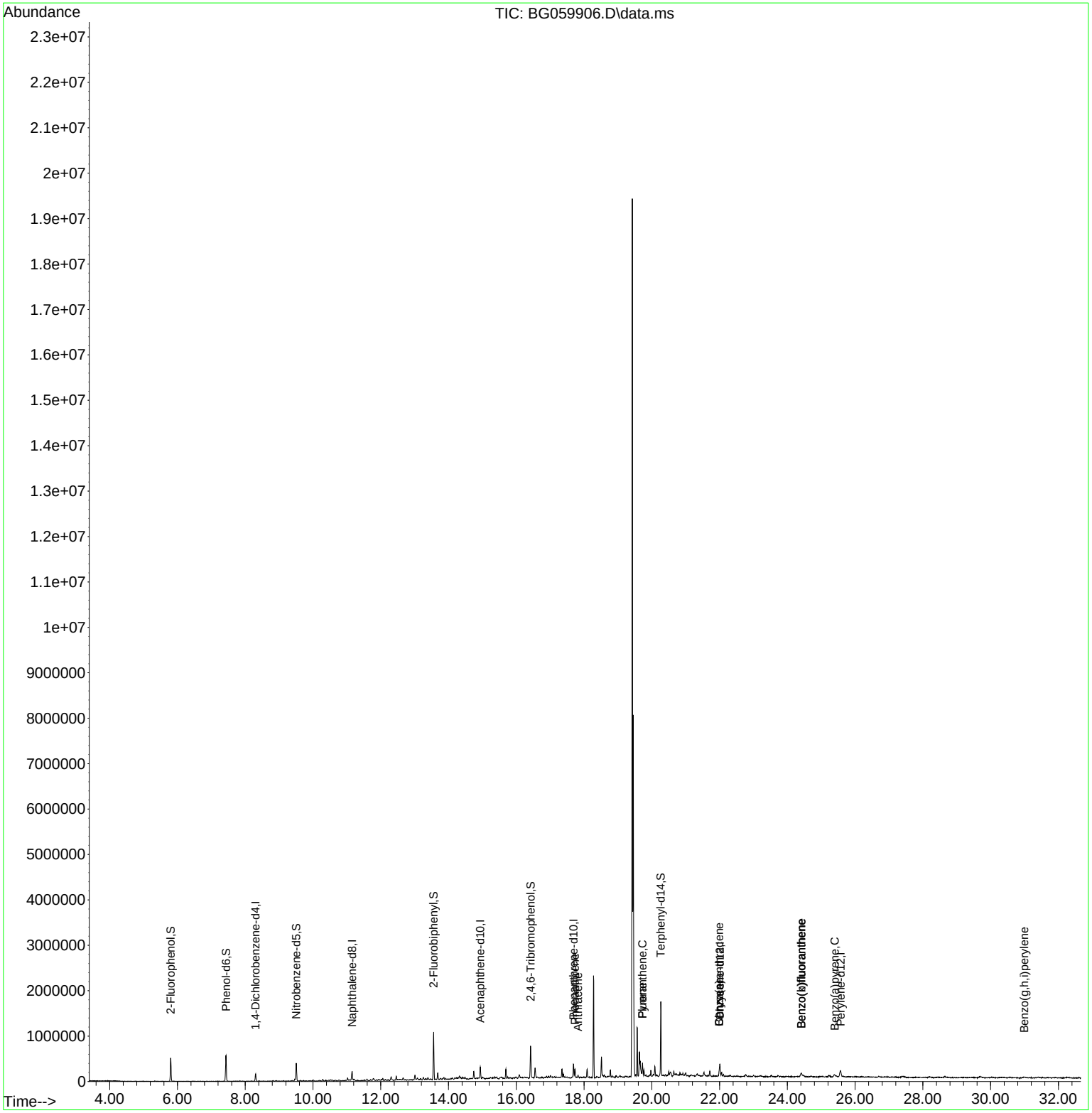
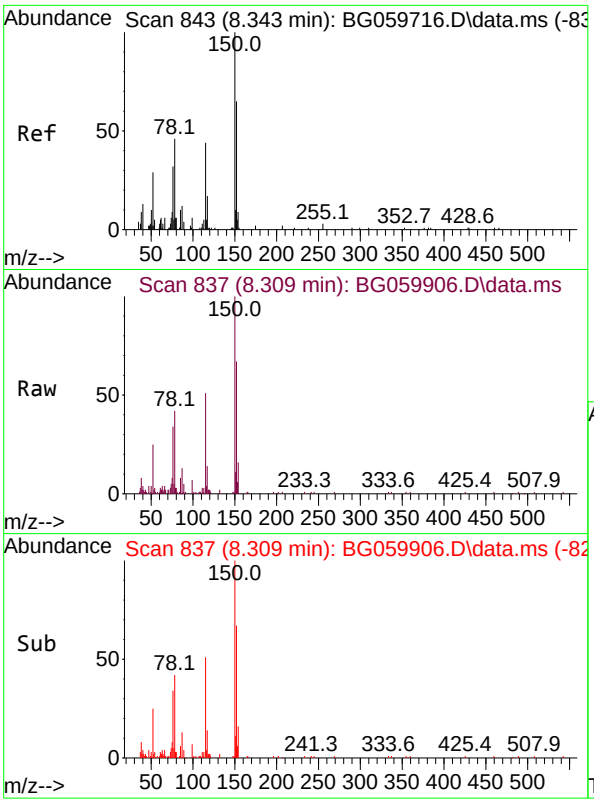


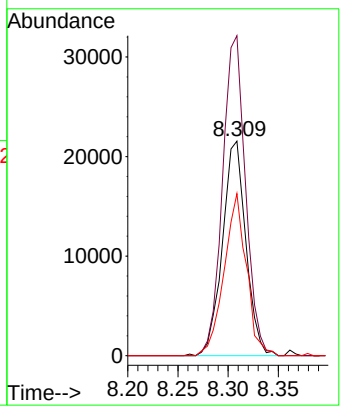


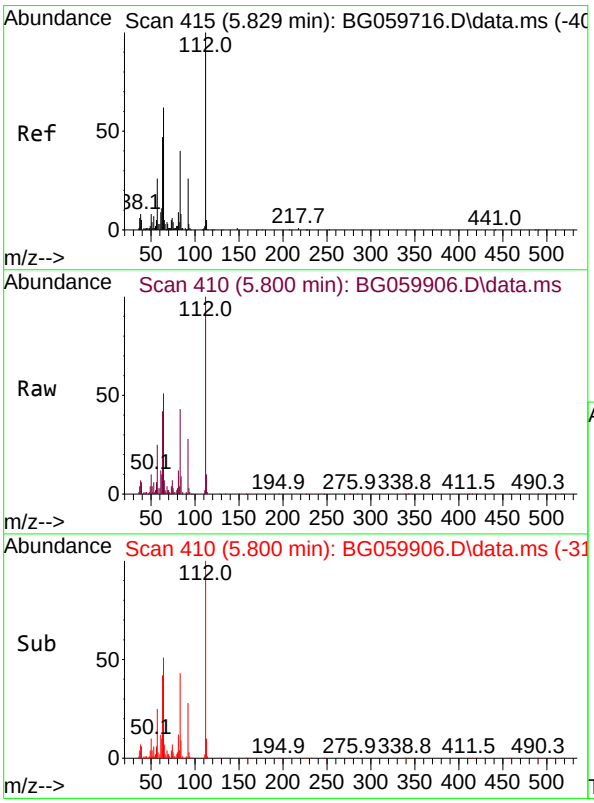
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.309 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:152 Resp: 34955

Ion	Ratio	Lower	Upper
152	100		
150	149.1	122.2	183.4
115	75.6	54.2	81.4

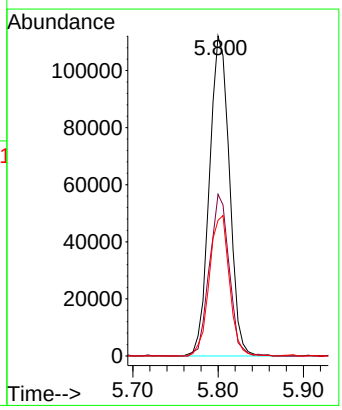


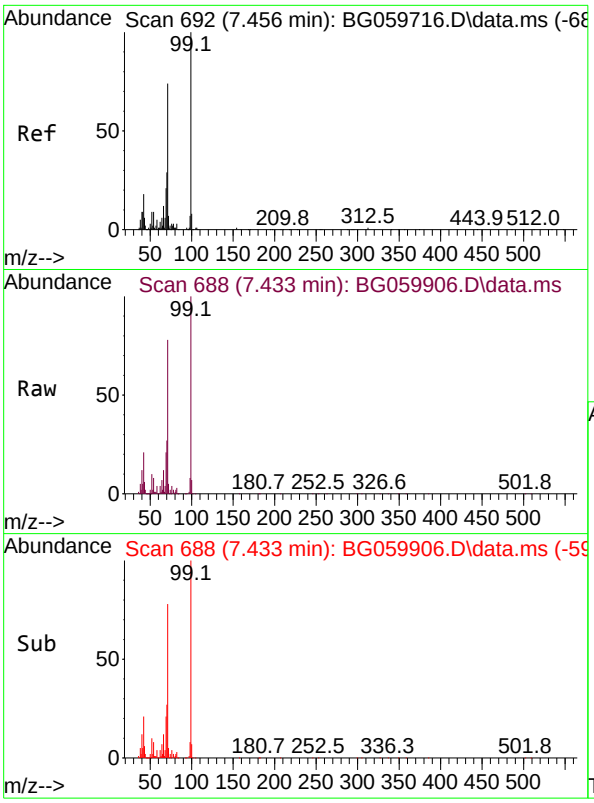


#5
2-Fluorophenol
Concen: 87.915 ng
RT: 5.800 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:112 Resp: 182579

Ion	Ratio	Lower	Upper
112	100		
64	50.5	49.5	74.3
63	42.4	37.4	56.2



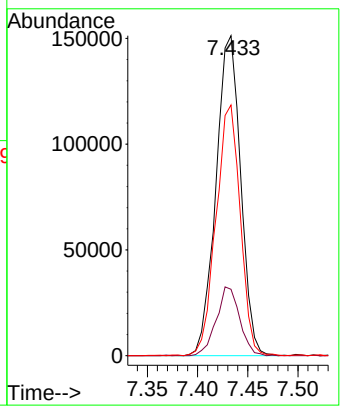


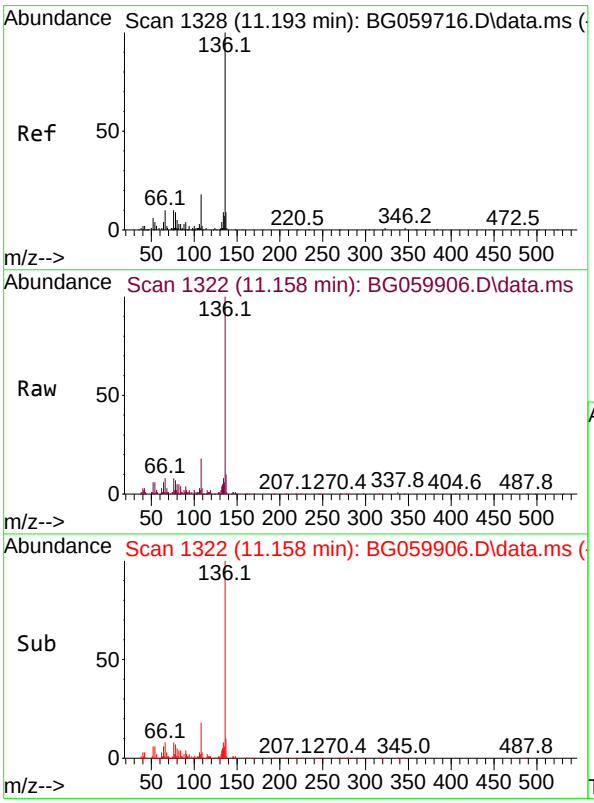
#7
Phenol-d6
Concen: 84.131 ng
RT: 7.433 min Scan# 6
Delta R.T. 0.004 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion: 99 Resp: 258919

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.3	21.5
71	78.4	59.3	88.9

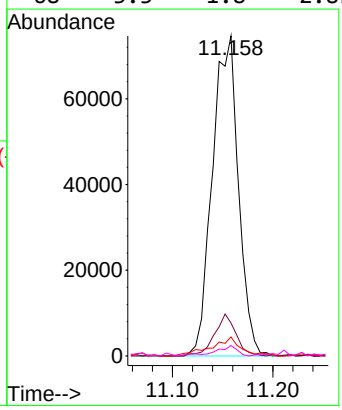


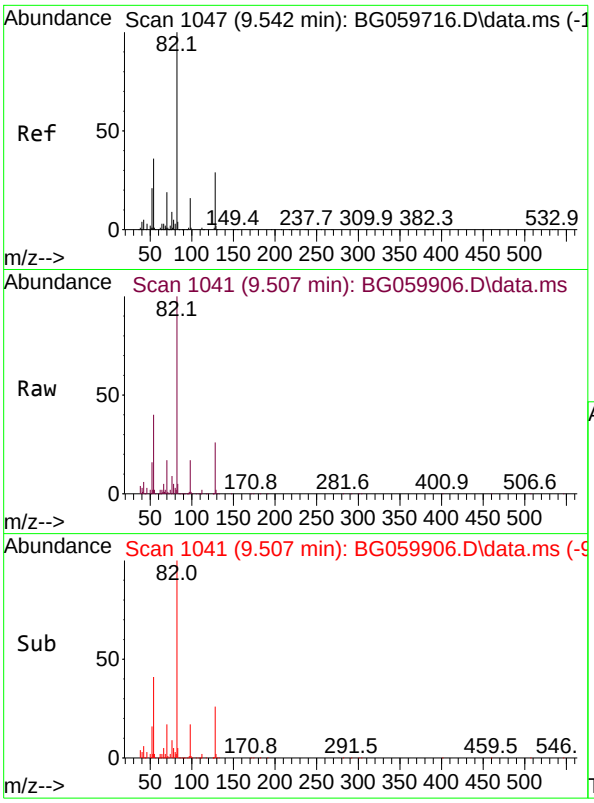


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.158 min Scan# 1322
Delta R.T. 0.004 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:136 Resp: 134429

Ion	Ratio	Lower	Upper
136	100		
137	10.3	7.4	11.0
54	6.0	3.1	4.7#
68	3.3	1.8	2.8#



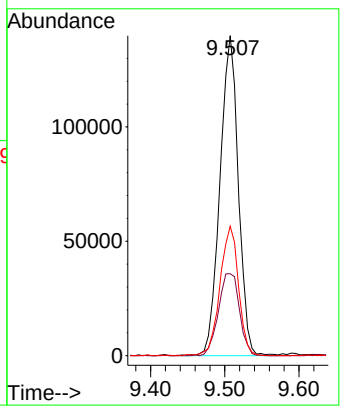


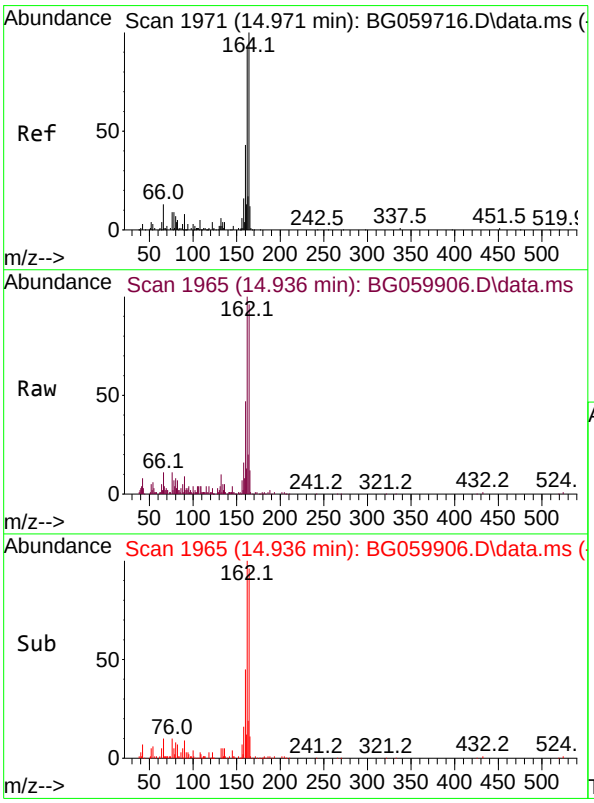
#23
Nitrobenzene-d5
Concen: 68.416 ng
RT: 9.507 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion: 82 Resp: 240813

Ion	Ratio	Lower	Upper
82	100		
128	25.6	23.0	34.6
54	40.4	28.7	43.1

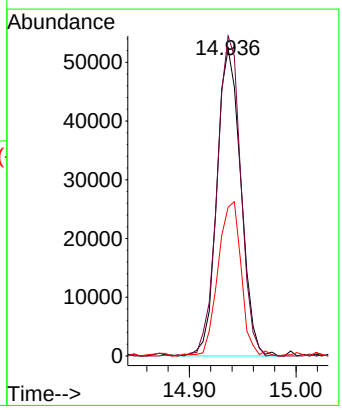


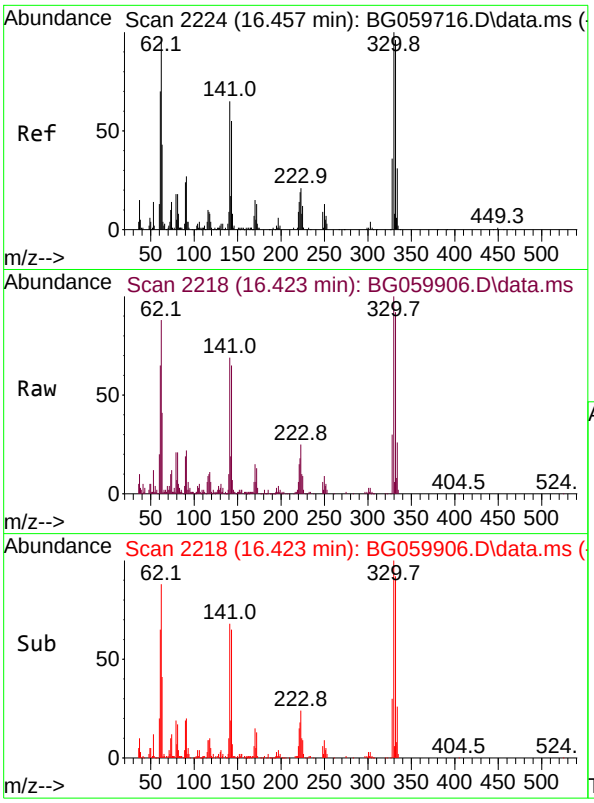


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.936 min Scan# 1965
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:164 Resp: 81571

Ion	Ratio	Lower	Upper
164	100		
162	104.2	73.3	109.9
160	48.5	34.1	51.1



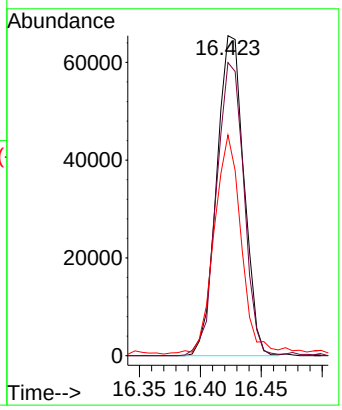


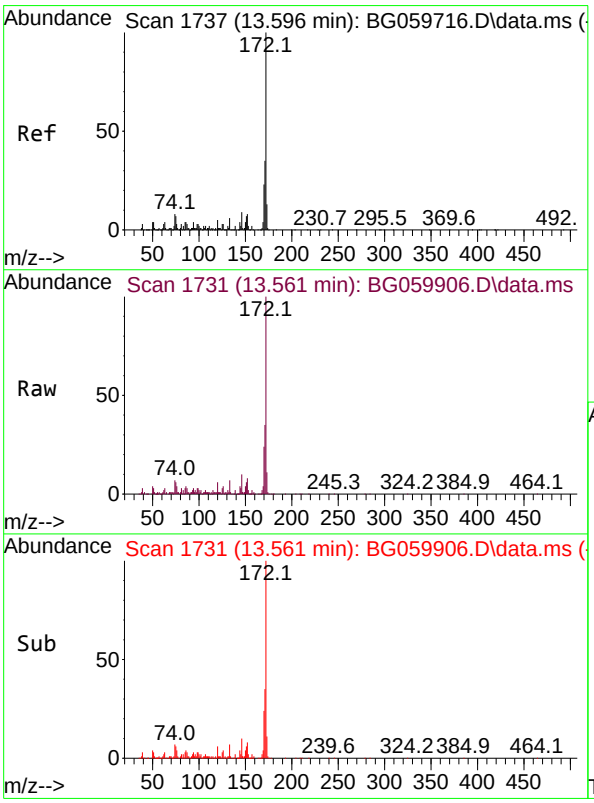
#42
2,4,6-Tribromophenol
Concen: 109.977 ng
RT: 16.423 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:330 Resp: 101786

Ion	Ratio	Lower	Upper
330	100		
332	92.2	73.3	109.9
141	68.3	52.1	78.1

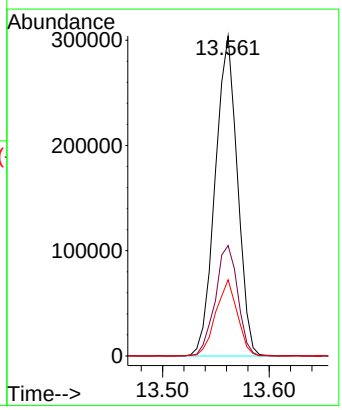


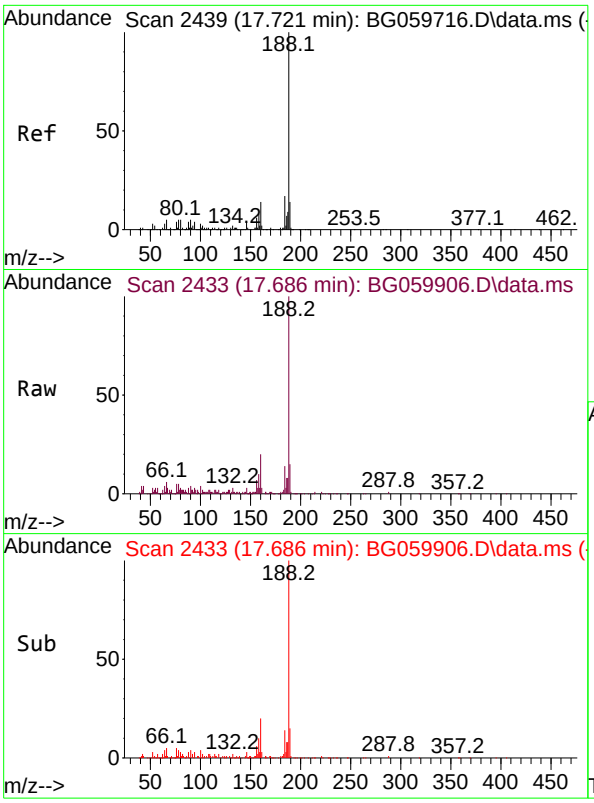


#45
2-Fluorobiphenyl
Concen: 72.598 ng
RT: 13.561 min Scan# 1731
Delta R.T. -0.002 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:172 Resp: 439947

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.7	41.5
170	23.8	18.4	27.6



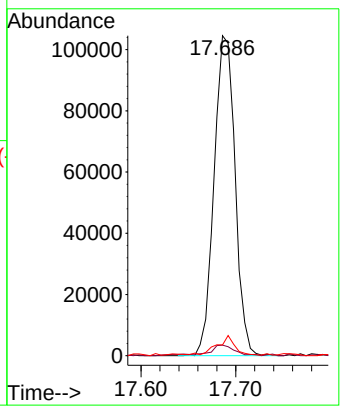


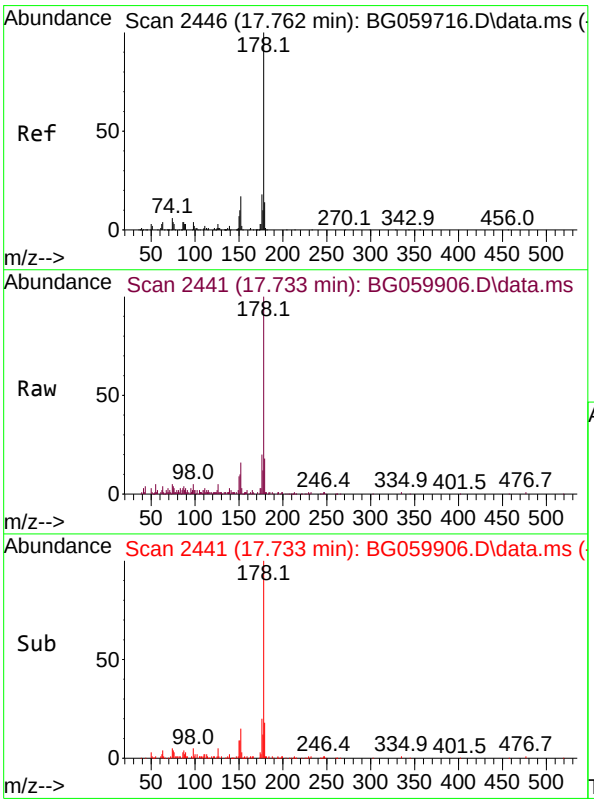
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.686 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:188 Resp: 161038

Ion	Ratio	Lower	Upper
188	100		
94	3.3	3.0	4.4
80	3.4	4.2	6.4#

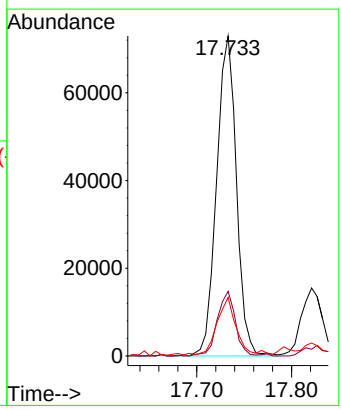


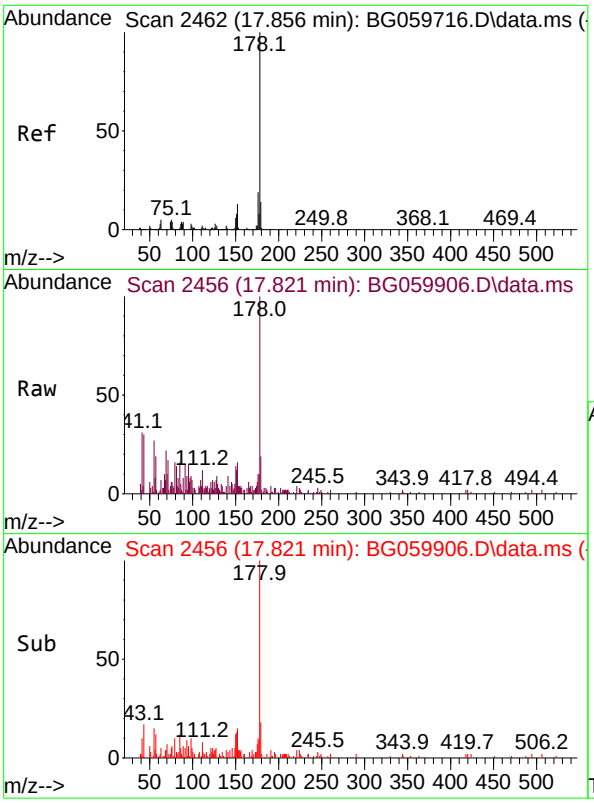


#71
Phenanthrene
Concen: 12.990 ng
RT: 17.733 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:178 Resp: 106357

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.5	21.7
179	18.3	11.2	16.8#



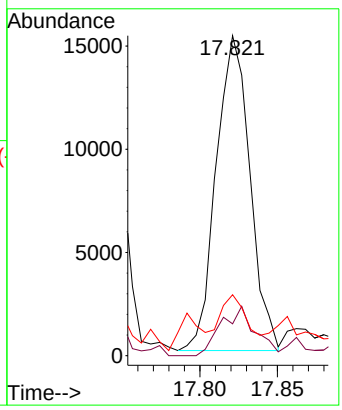


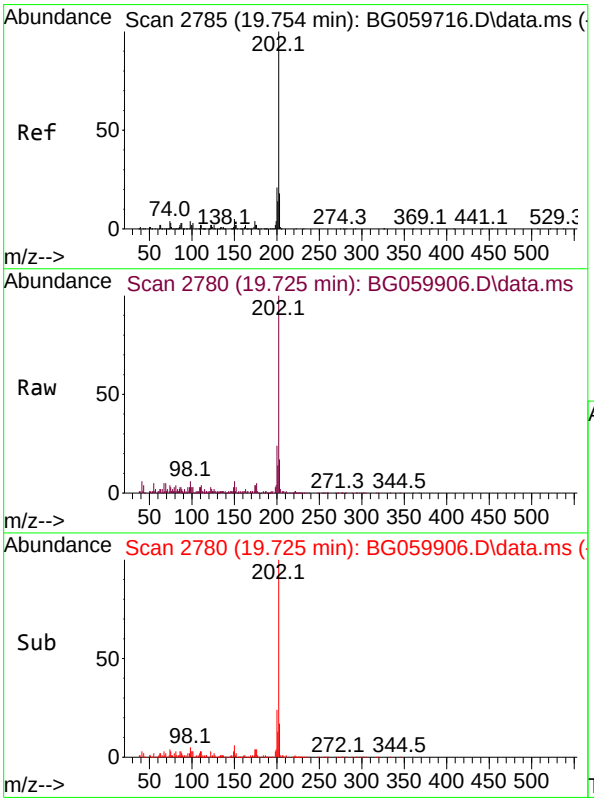
#72
Anthracene
Concen: 2.717 ng
RT: 17.821 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:178 Resp: 23115

Ion	Ratio	Lower	Upper
178	100		
176	9.9	15.0	22.4#
179	19.0	11.5	17.3#

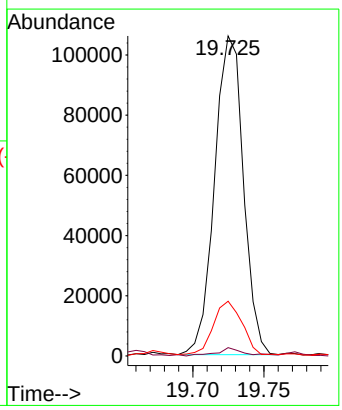


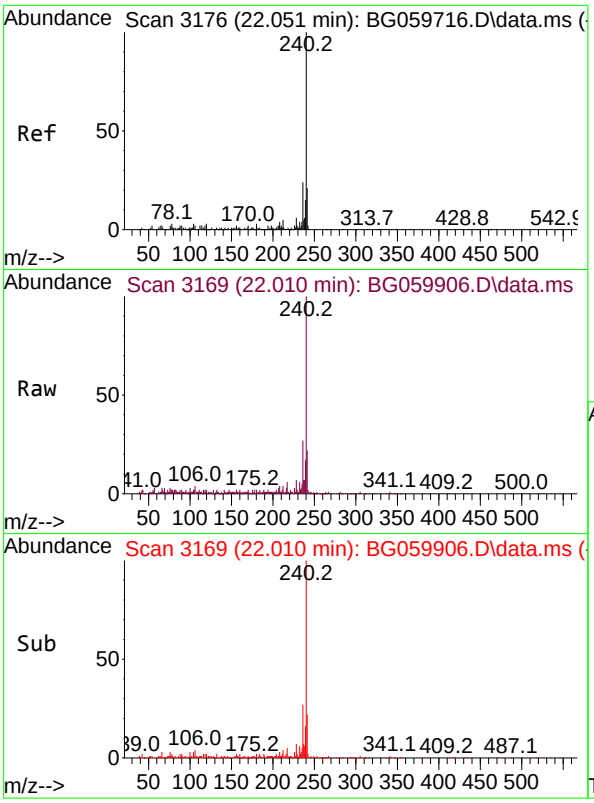


#75
Fluoranthene
Concen: 15.187 ng
RT: 19.725 min Scan# 2780
Delta R.T. -0.002 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:202 Resp: 149113

Ion	Ratio	Lower	Upper
202	100		
101	2.6	0.0	22.7
203	17.1	0.0	38.2



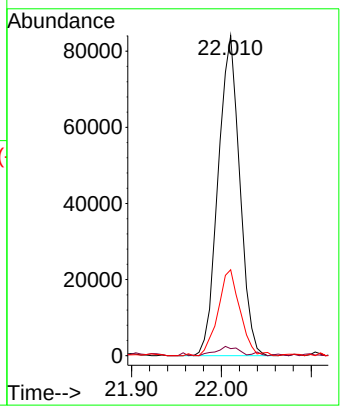


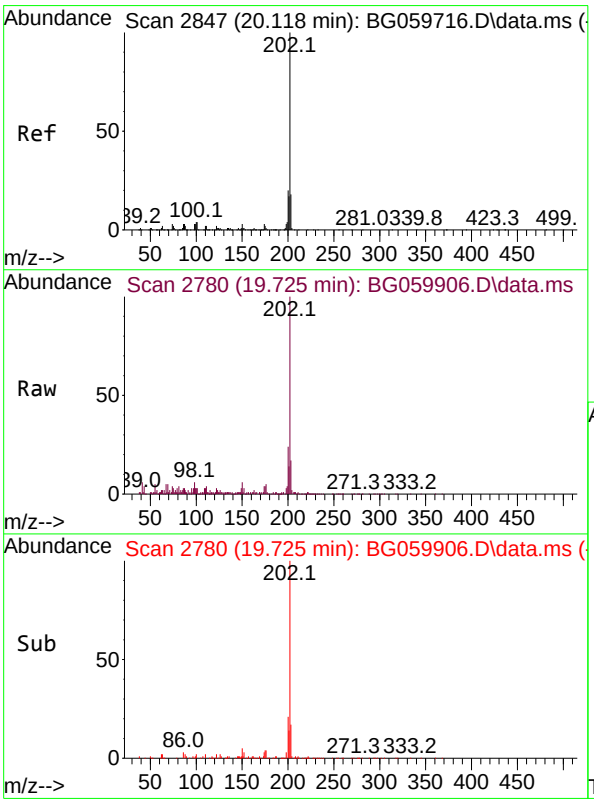
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:240 Resp: 140318

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.2	3.2
236	26.8	19.4	29.2

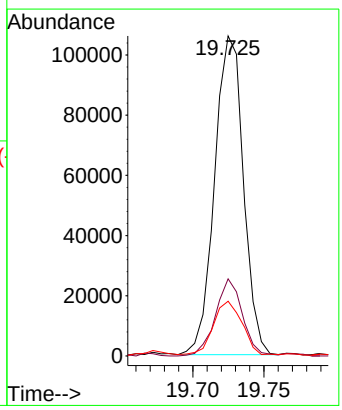


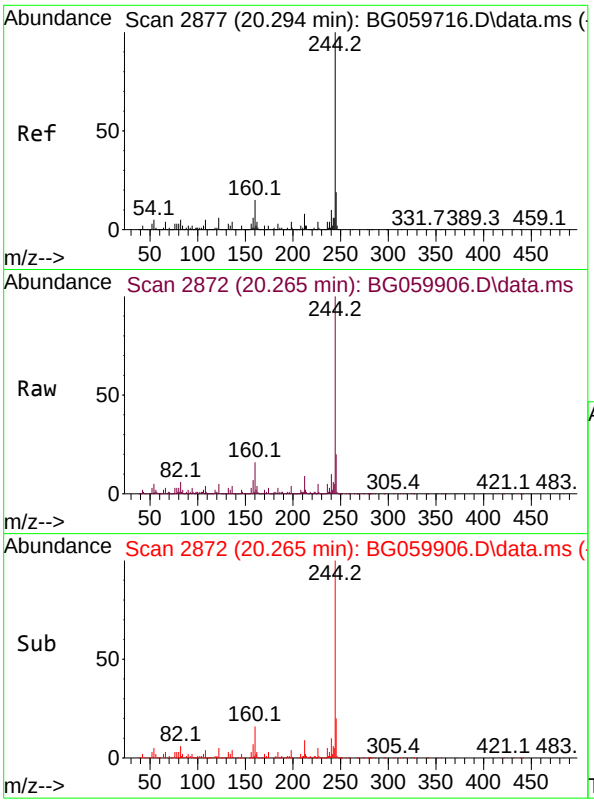


#78
Pyrene
Concen: 15.619 ng
RT: 19.725 min Scan# 2780
Delta R.T. -0.372 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:202 Resp: 149113

Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.2	24.4
203	17.1	14.0	21.0



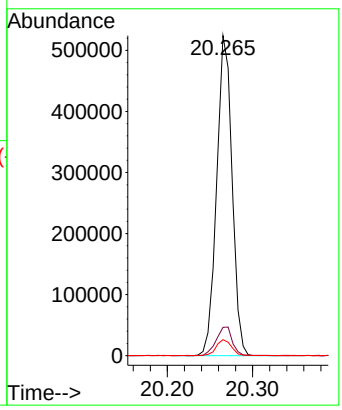


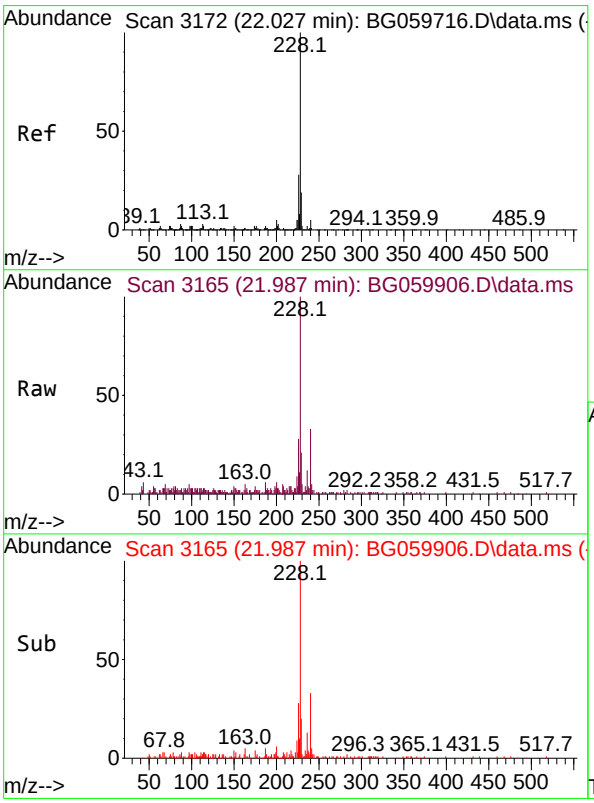
#79
Terphenyl-d14
Concen: 69.129 ng
RT: 20.265 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:244 Resp: 657078

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	5.0	4.4	6.6

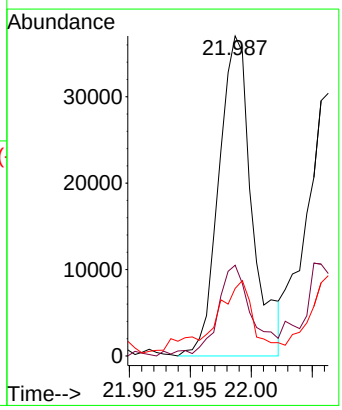


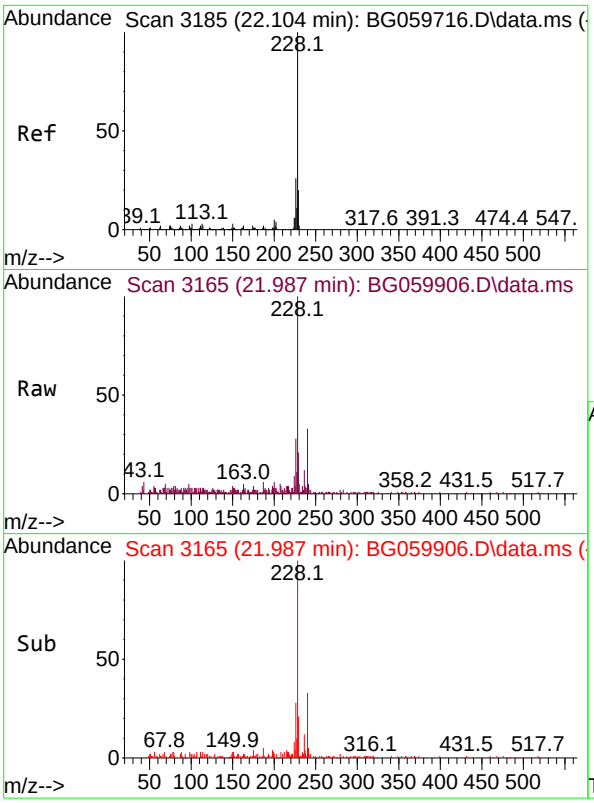


#81
Benzo(a)anthracene
Concen: 7.332 ng
RT: 21.987 min Scan# 3165
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:228 Resp: 70394

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	21.1	14.9	22.3



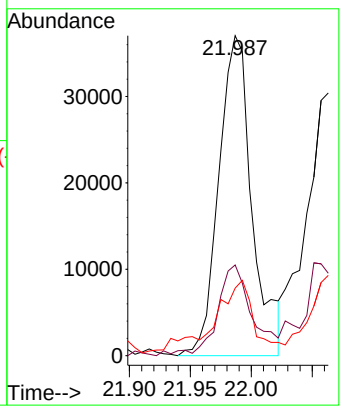


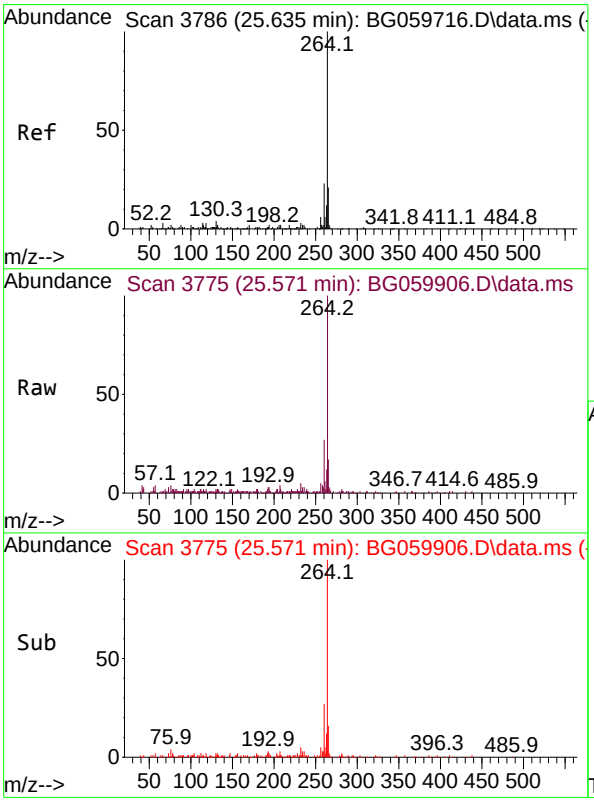
#83
Chrysene
Concen: 7.998 ng
RT: 21.987 min Scan# 3
Delta R.T. -0.079 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:228 Resp: 70394

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.1	31.7
229	21.1	16.2	24.4

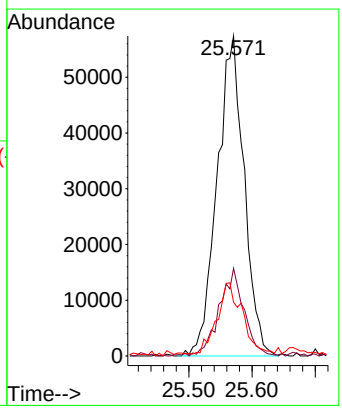


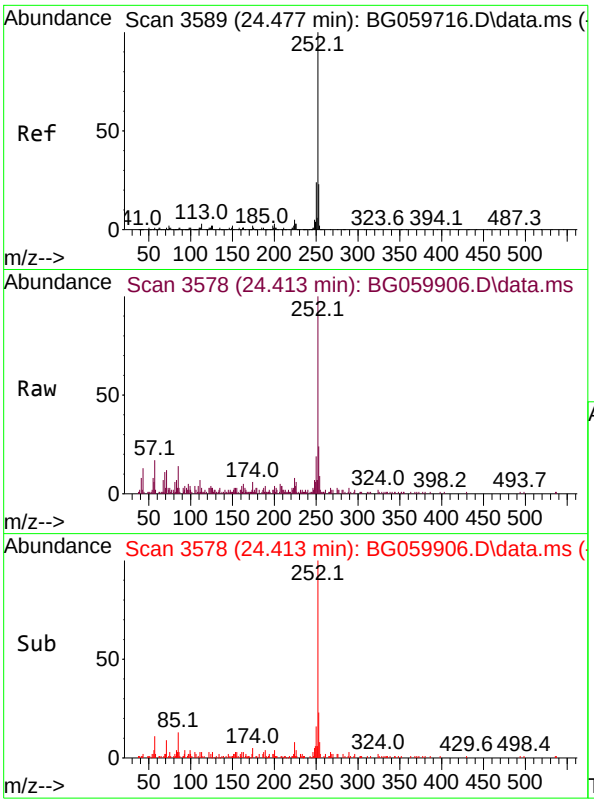


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.571 min Scan# 3775
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:264 Resp: 170245

Ion	Ratio	Lower	Upper
264	100		
260	27.4	18.5	27.7
265	16.8	17.0	25.6#



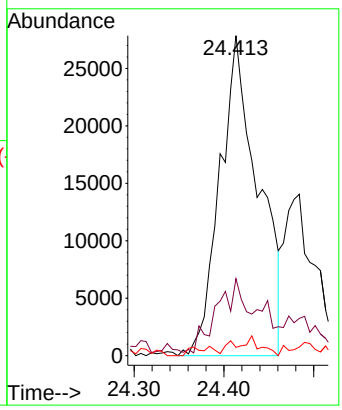


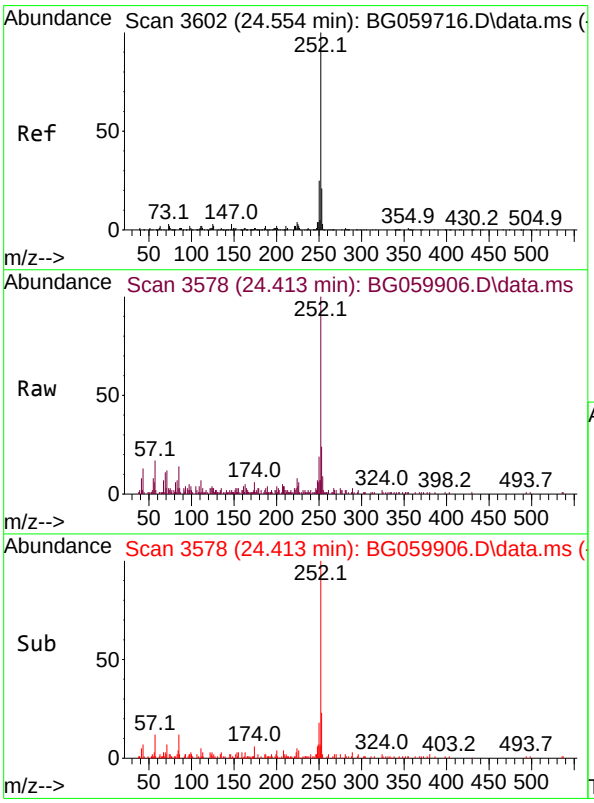
#88
Benzo(b)fluoranthene
Concen: 8.854 ng
RT: 24.413 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:252 Resp: 82613

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	2.6	1.4	2.0#

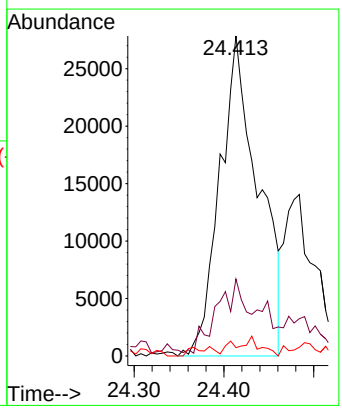


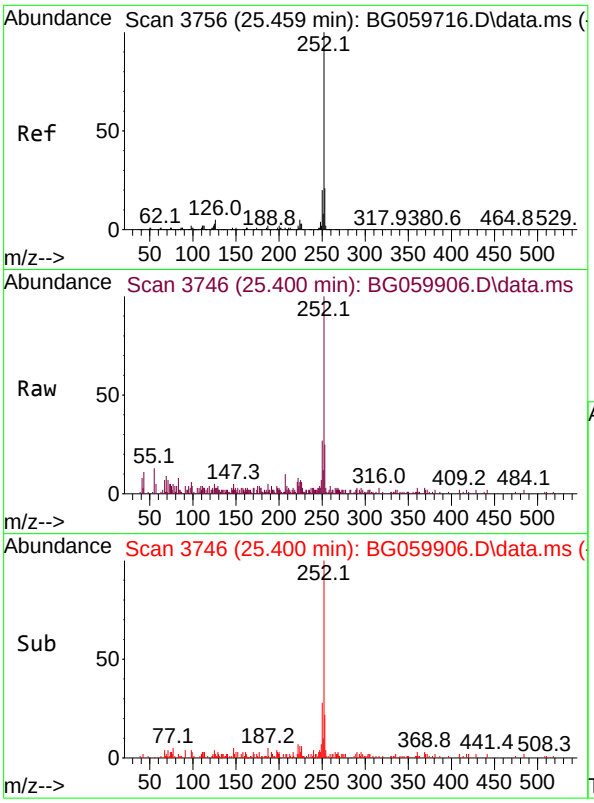


#89
Benzo(k)fluoranthene
Concen: 8.955 ng
RT: 24.413 min Scan# 3578
Delta R.T. -0.090 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:252 Resp: 82613

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	2.6	2.2	3.2



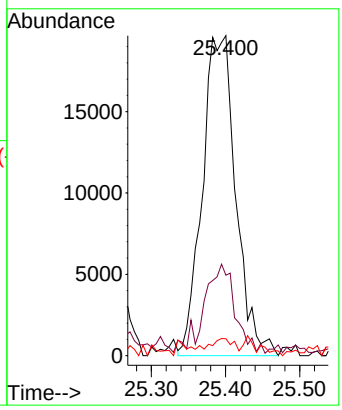


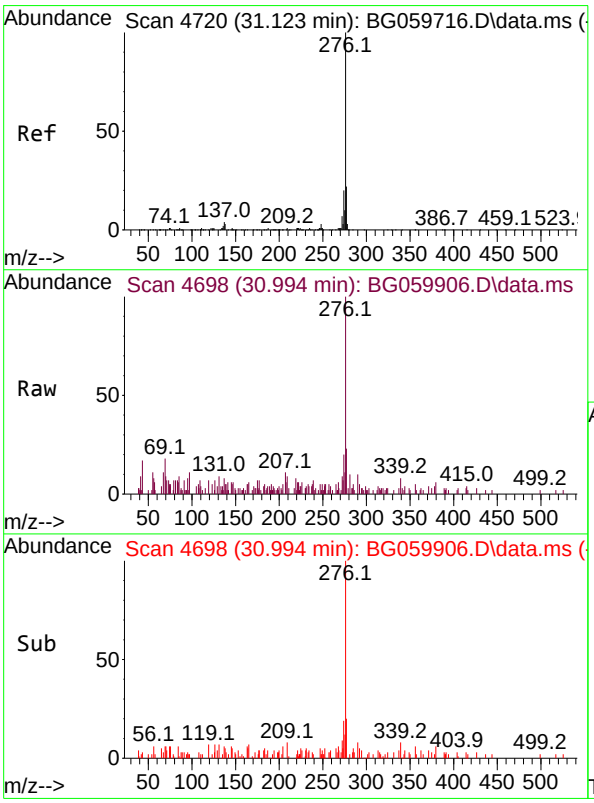
#90
Benzo(a)pyrene
Concen: 6.181 ng
RT: 25.400 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Instrument :
BNA_G
ClientSampleId :
JC-03-111523A

Tgt Ion:252 Resp: 61557

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.8	25.2
125	5.3	2.0	3.0#





#92
Benzo(g,h,i)perylene
Concen: 3.847 ng
RT: 30.994 min Scan# 4698
Delta R.T. -0.043 min
Lab File: BG059906.D
Acq: 27 Nov 2023 18:31

Tgt Ion:276 Resp: 39784

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.3	25.9
138	4.5	2.6	4.0#