Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060211.D
Acq On : 3 Jan 2024 3:16
Operator : MA/JU
Sample : 05899-24
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 05:06:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	253974	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	1105198	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	878081	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2186977	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1796086	20.000	ng	0.00
86) Perylene-d12	24.768	264	2018012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1658082	98.538	ng	0.00
7) Phenol-d6	7.100	99	2322543	92.961	ng	0.00
23) Nitrobenzene-d5	9.098	82	1377671	57.577	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	664446	56.529	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3534410	57.850	ng	0.00
79) Terphenyl-d14	19.944	244	4948656	52.969	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	161848	9.483	ng	# 85
32) Benzoic acid	10.067	122	55	10.274	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	115921	8.221	ng	# 30
54) 2,4-Dinitrophenol	14.656	184	66	8.243	ng	# 1
72) Anthracene	17.453	178	1280216	11.923	ng	96
75) Fluoranthene	19.380	202	596215	4.702	ng	91
77) Benzidine	19.562	184	378139	7.607	ng	98
78) Pyrene	19.738	202	638695	5.290	ng	92
81) Benzo(a)anthracene	21.572	228	354238	3.102	ng	94
83) Chrysene	21.636	228	508433	4.583	ng	94
88) Benzo(b)fluoranthene	23.751	252	376518	3.105	ng	96
89) Benzo(k)fluoranthene	23.751	252	376518	3.085	ng	95

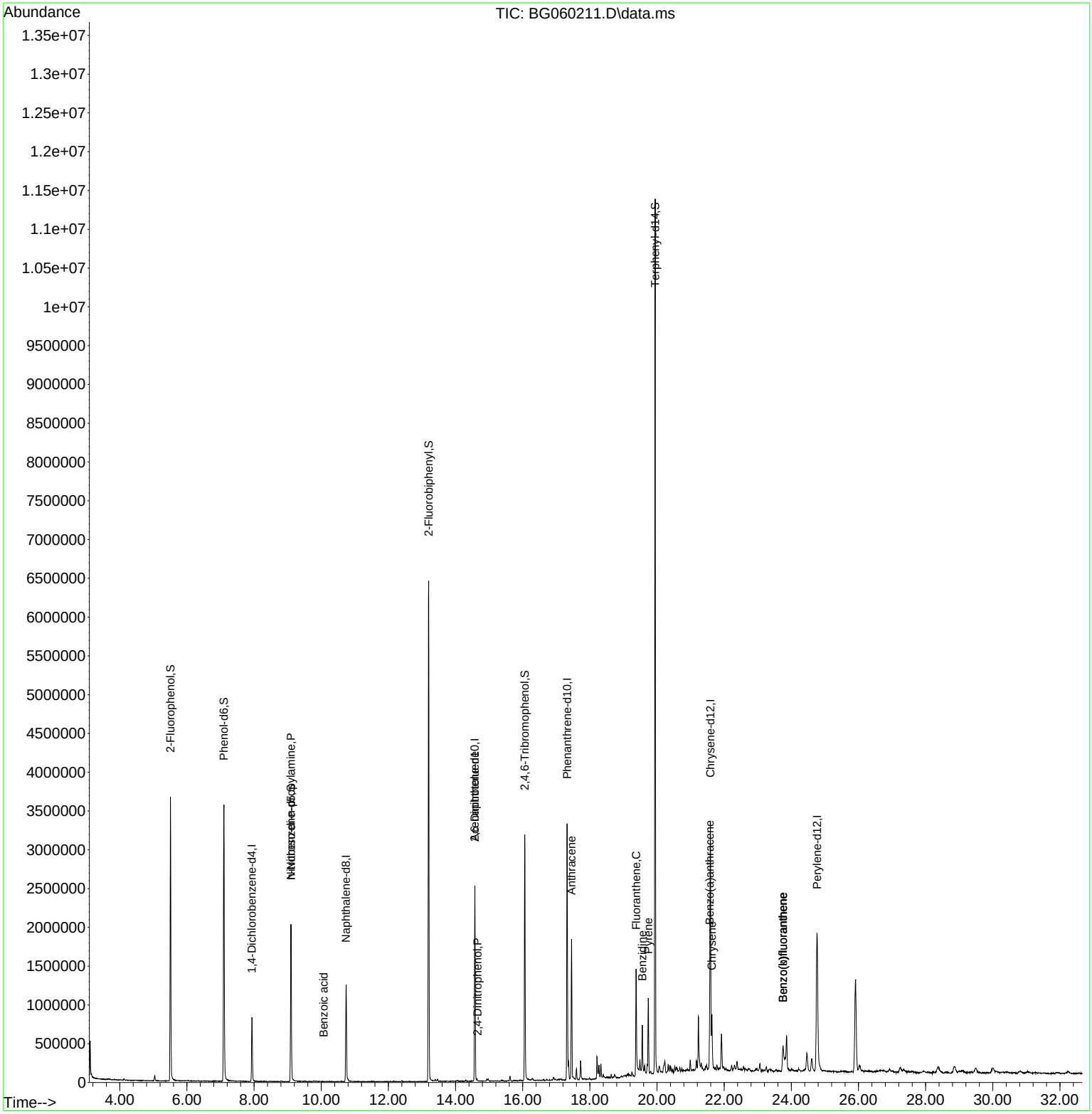
(#) = qualifier out of range (m) = manual integration (+) = signals summed

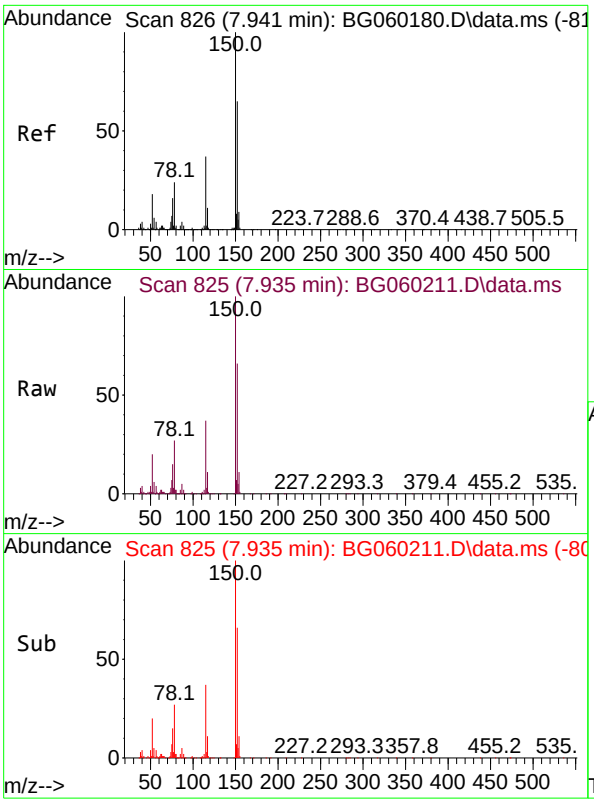
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060211.D
Acq On : 3 Jan 2024 3:16
Operator : MA/JU
Sample : 05899-24
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 05:06:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



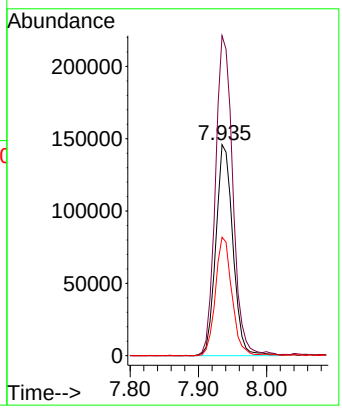


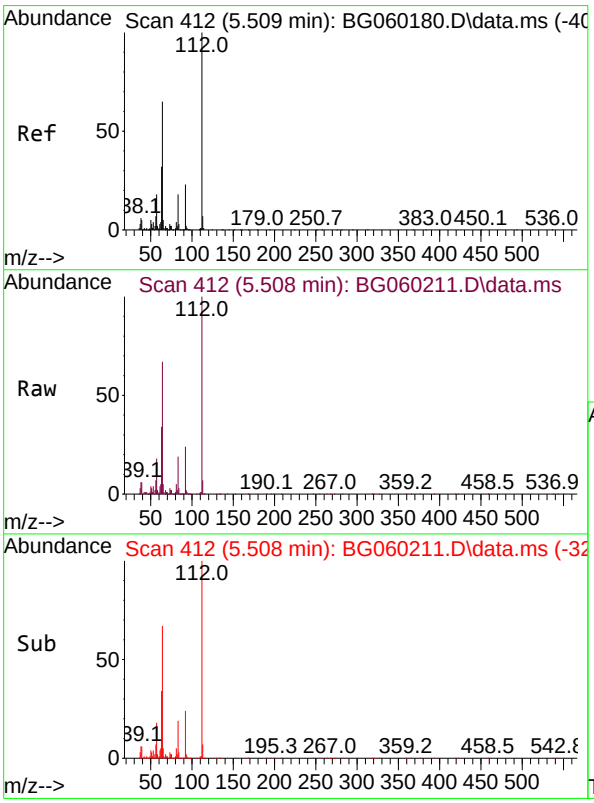
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 253974

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.4	185.0
115	56.1	45.4	68.0

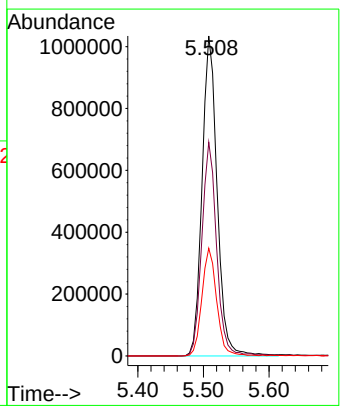


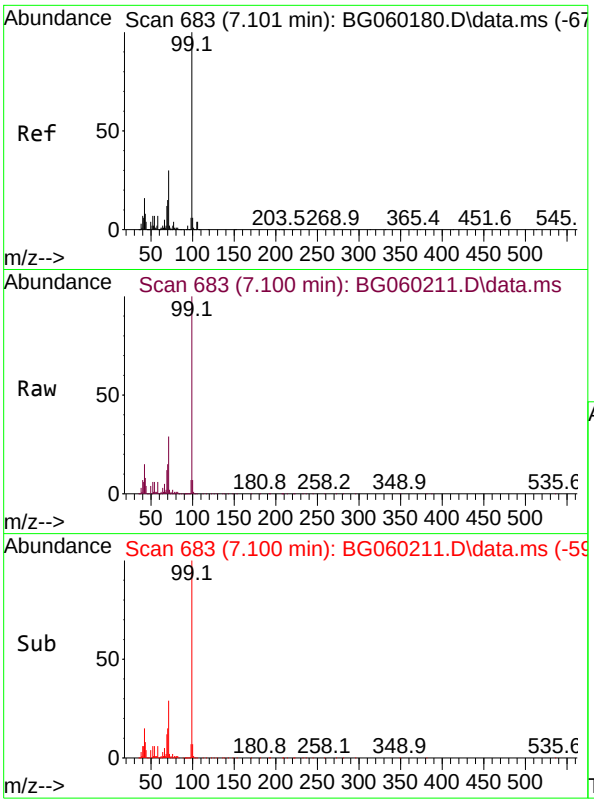


#5
2-Fluorophenol
Concen: 98.538 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:112 Resp: 1658082

Ion	Ratio	Lower	Upper
112	100		
64	66.8	52.2	78.4
63	33.7	25.4	38.0



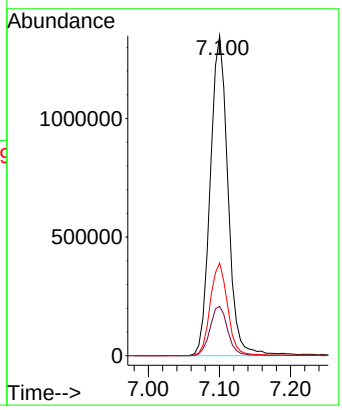


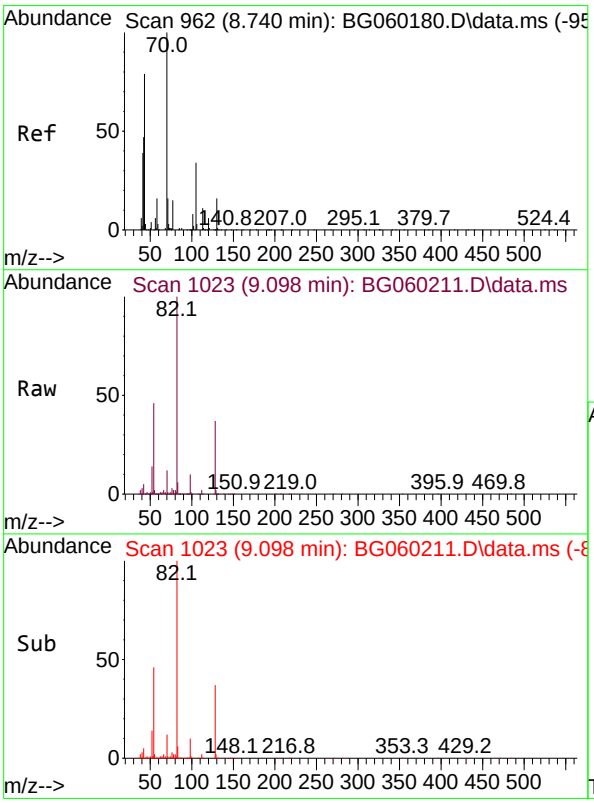
#7
Phenol-d6
Concen: 92.961 ng
RT: 7.100 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 2322543

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.5	18.7
71	28.9	24.1	36.1

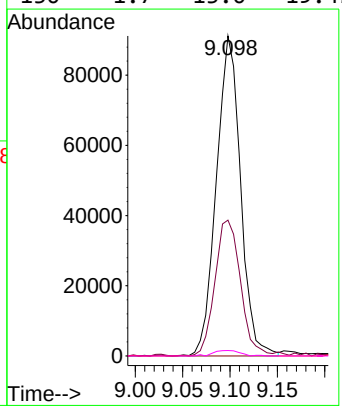


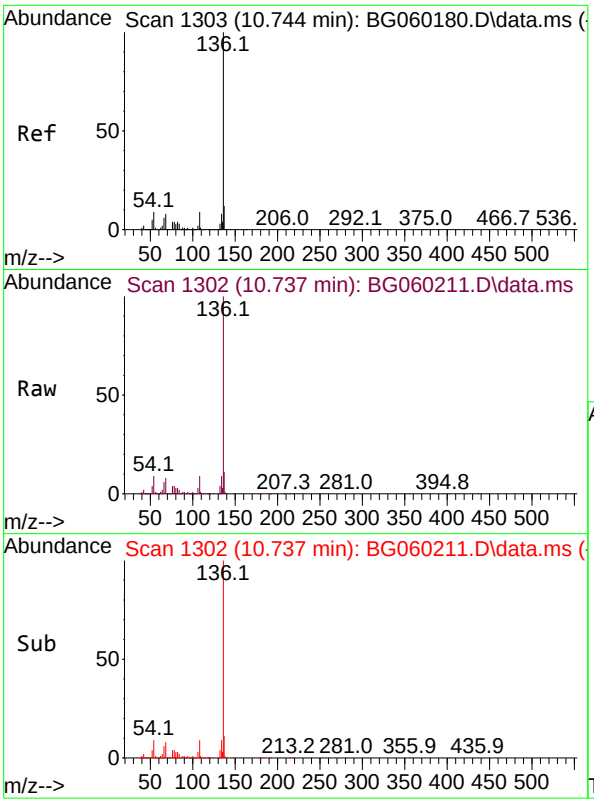


#19
n-Nitroso-di-n-propylamine
Concen: 9.483 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion: 70 Resp: 161848

Ion	Ratio	Lower	Upper
70	100		
42	42.4	37.9	56.9
101	0.0	6.2	9.2#
130	1.7	13.0	19.4#



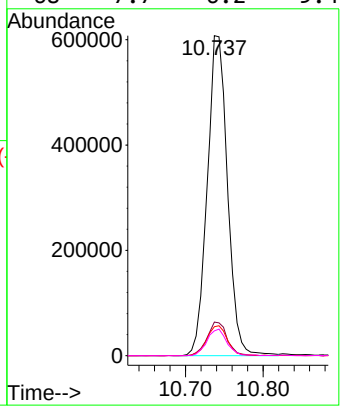


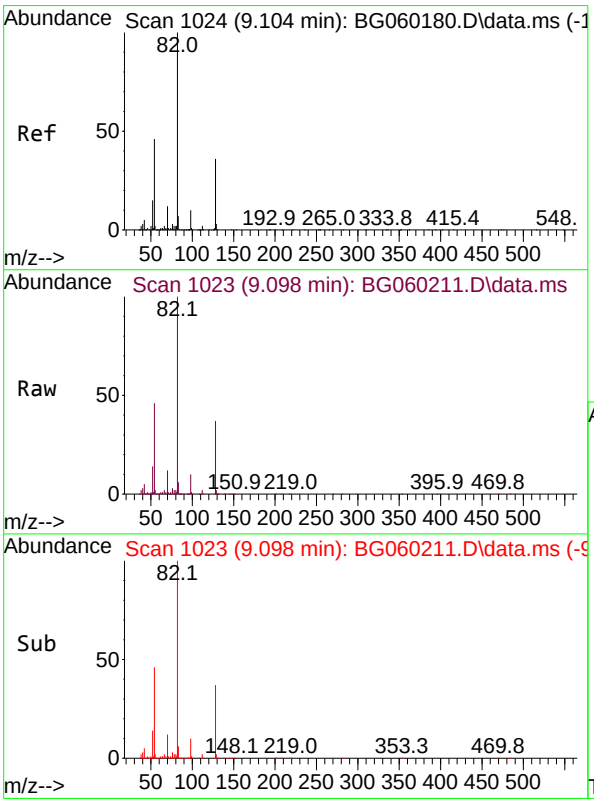
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 1105198

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.0
54	9.0	7.4	11.2
68	7.7	6.2	9.4

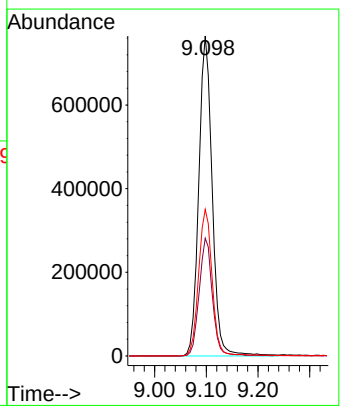


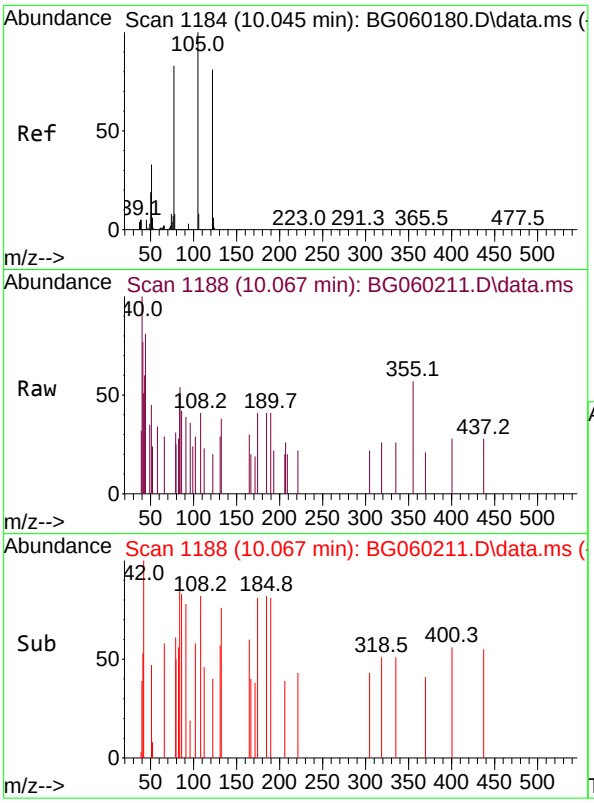


#23
Nitrobenzene-d5
Concen: 57.577 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion: 82 Resp: 1377671

Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.7	43.1
54	45.8	36.9	55.3



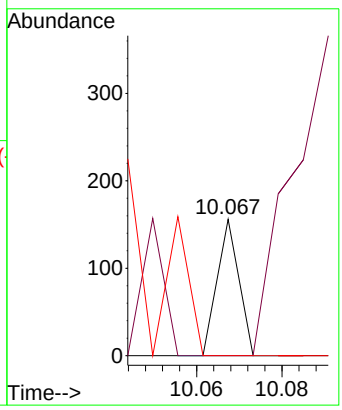


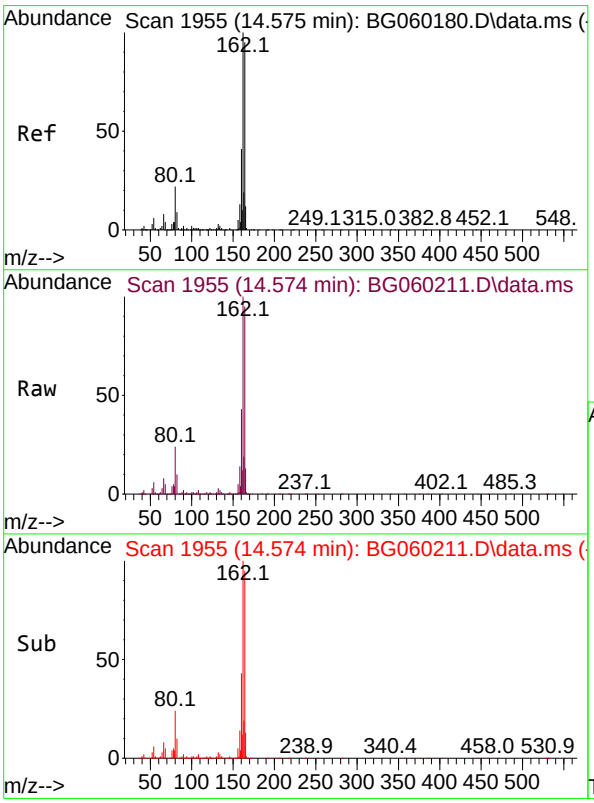
#32
Benzoic acid
Concen: 10.274 ng
RT: 10.067 min Scan# 11
Delta R.T. 0.022 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.2	139.2#
77	0.0	81.0	121.0#

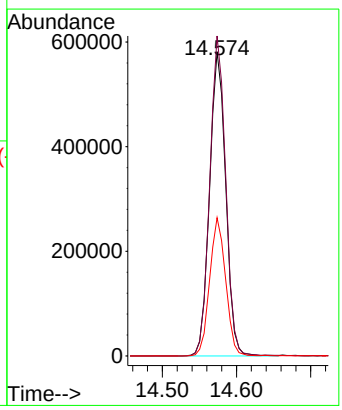


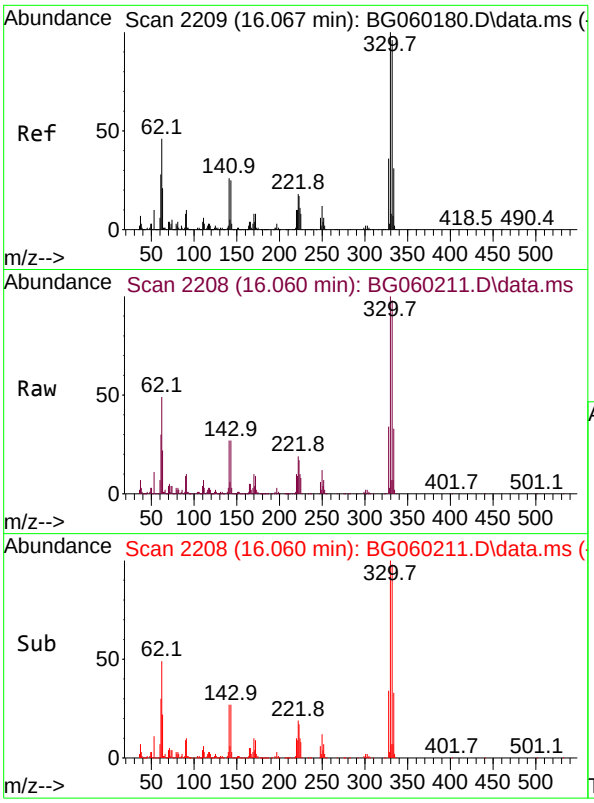


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:164 Resp: 878081

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.9	125.9
160	45.4	34.2	51.4



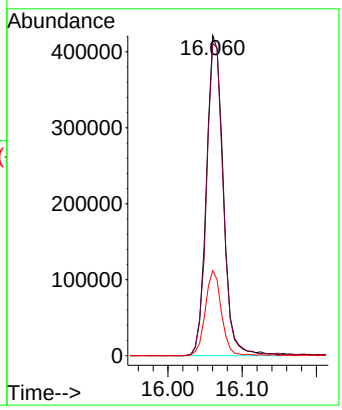


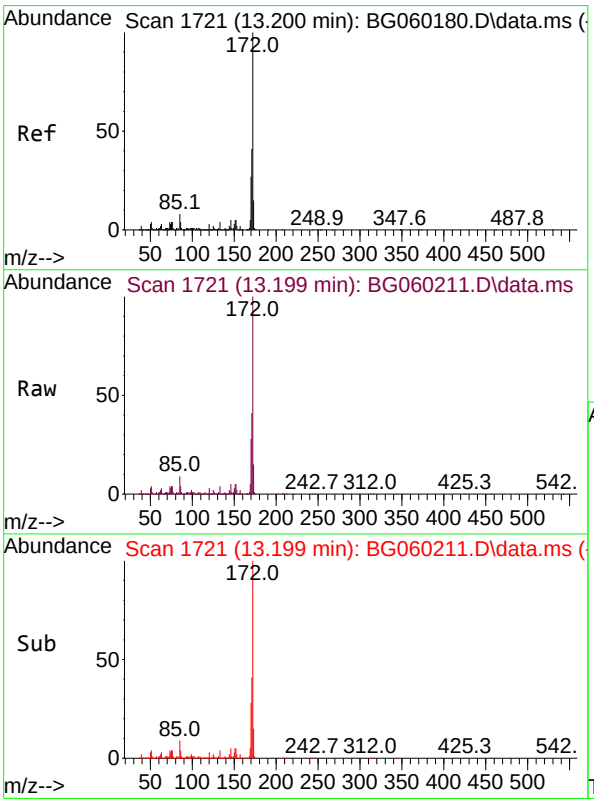
#42
2,4,6-Tribromophenol
Concen: 56.529 ng
RT: 16.060 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 664446

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	25.3	21.0	31.4

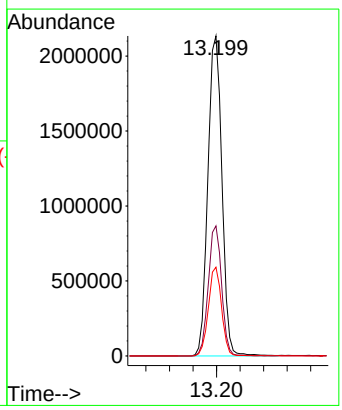


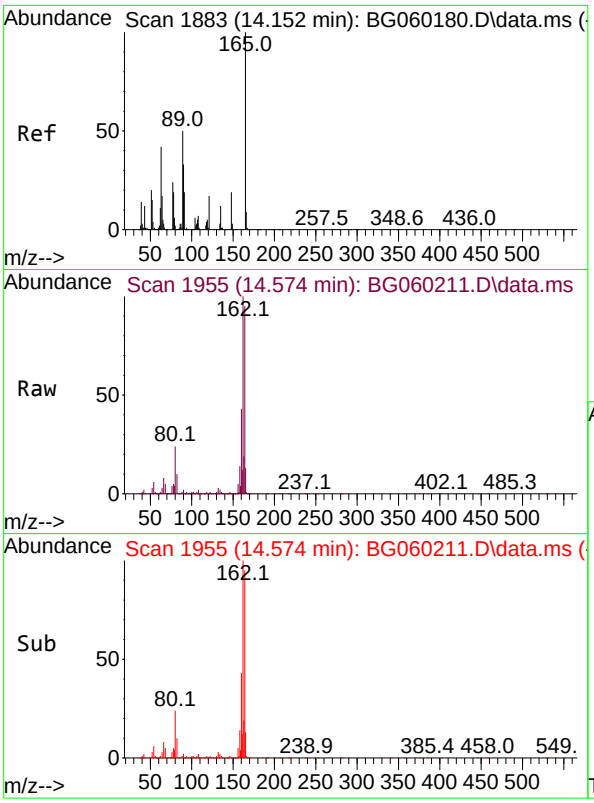


#45
2-Fluorobiphenyl
Concen: 57.850 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:172 Resp: 3534410

Ion	Ratio	Lower	Upper
172	100		
171	40.7	32.6	48.8
170	27.8	21.8	32.6



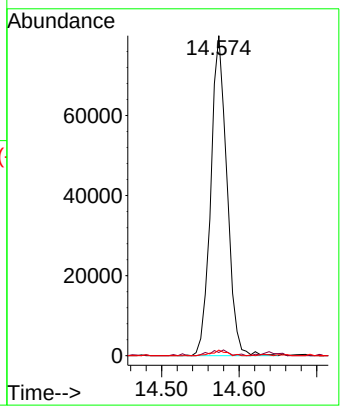


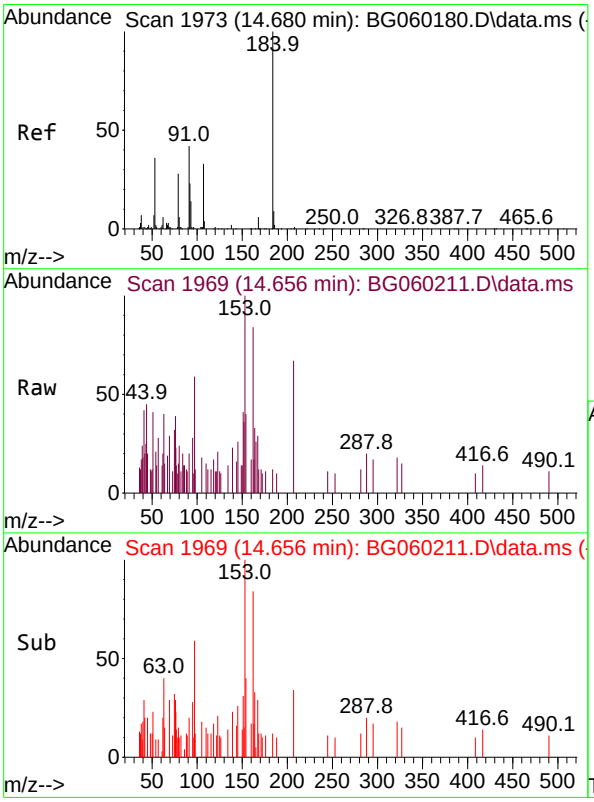
#51
2,6-Dinitrotoluene
Concen: 8.221 ng
RT: 14.574 min Scan# 1
Delta R.T. 0.422 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 115921

Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.3	58.9#
89	1.7	39.8	59.8#

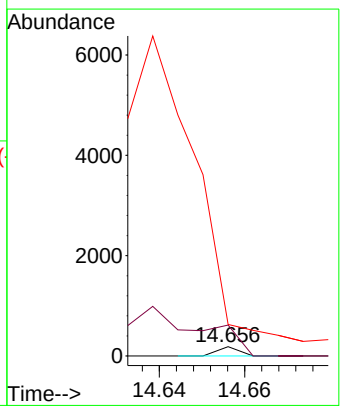


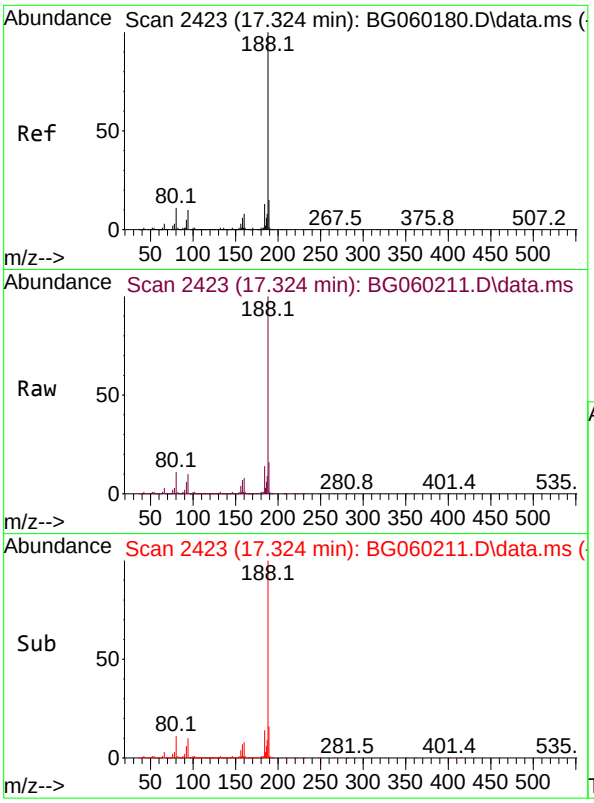


#54
2,4-Dinitrophenol
Concen: 8.243 ng
RT: 14.656 min Scan# 1969
Delta R.T. -0.024 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:184 Resp: 66

Ion	Ratio	Lower	Upper
184	100		
63	331.2	45.4	68.2#
154	338.7	40.0	60.0#



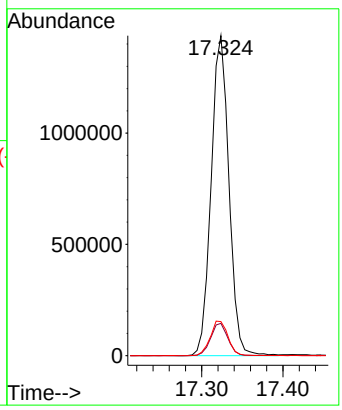


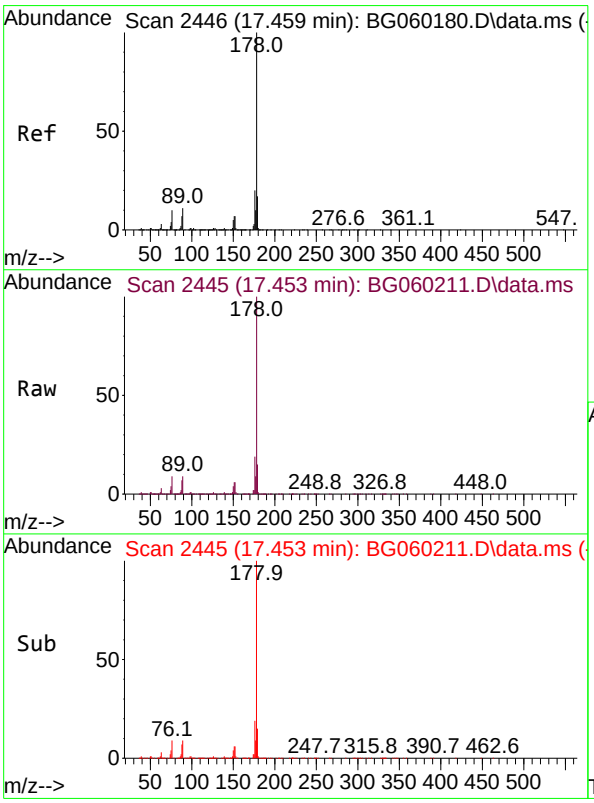
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 2186977

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.7	8.6	13.0

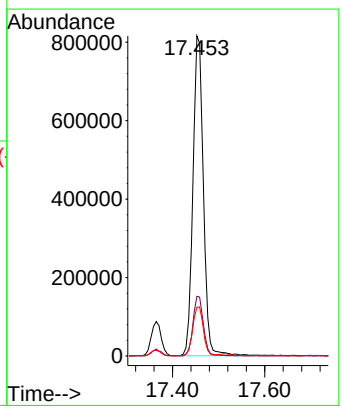


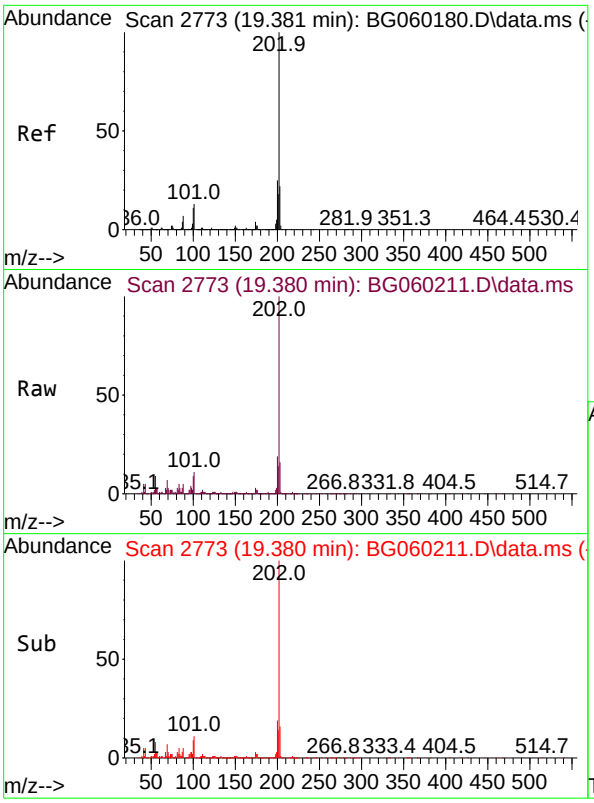


#72
Anthracene
Concen: 11.923 ng
RT: 17.453 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:178 Resp: 1280216

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.2
179	15.3	14.0	21.0



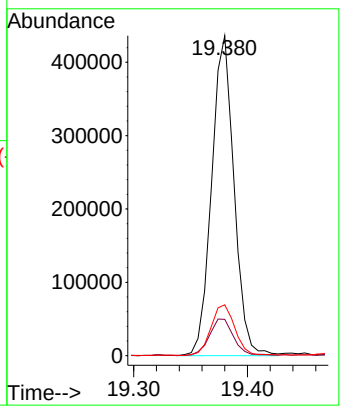


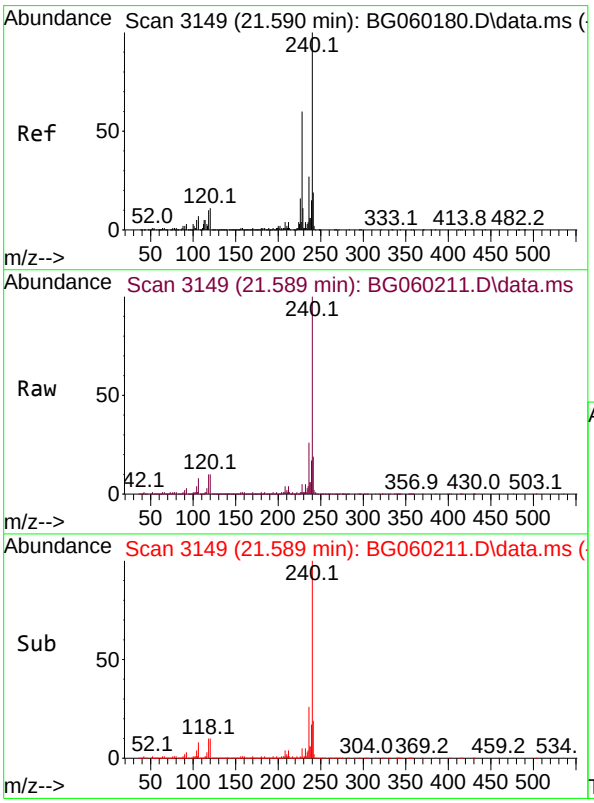
#75
Fluoranthene
Concen: 4.702 ng
RT: 19.380 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 596215

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.8
203	15.9	2.0	42.0

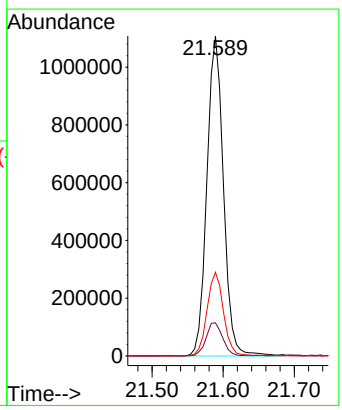


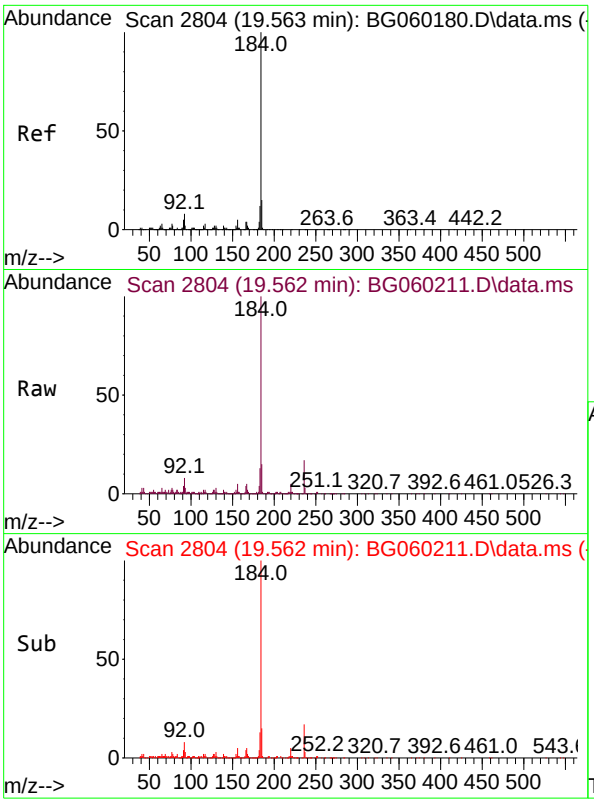


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:240 Resp: 1796086

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	26.1	21.4	32.2



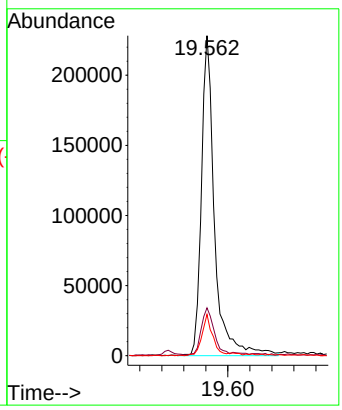


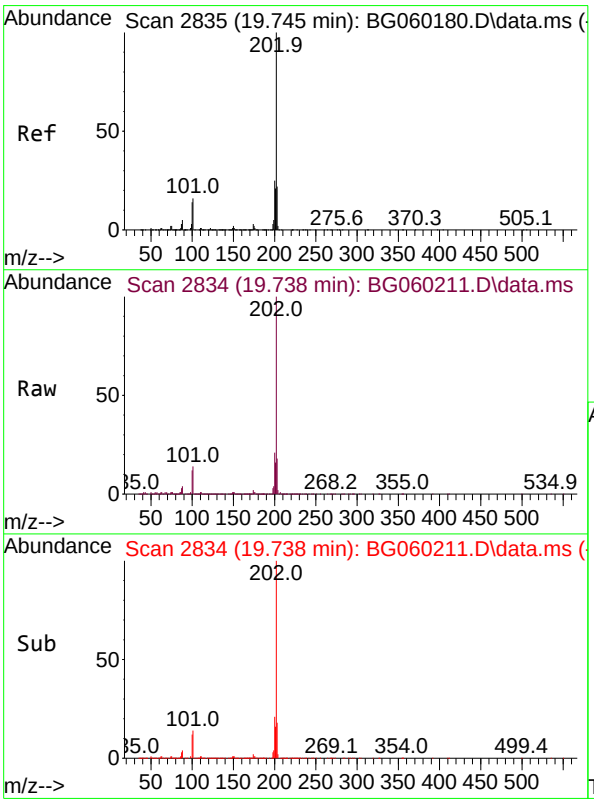
#77
Benzidine
Concen: 7.607 ng
RT: 19.562 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 378139

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	12.9	9.4	14.2

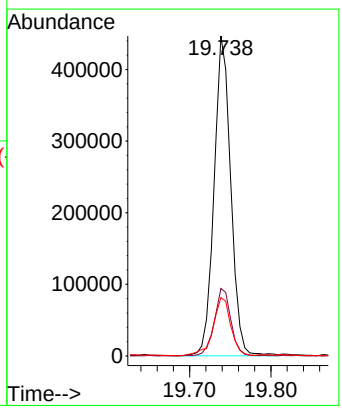


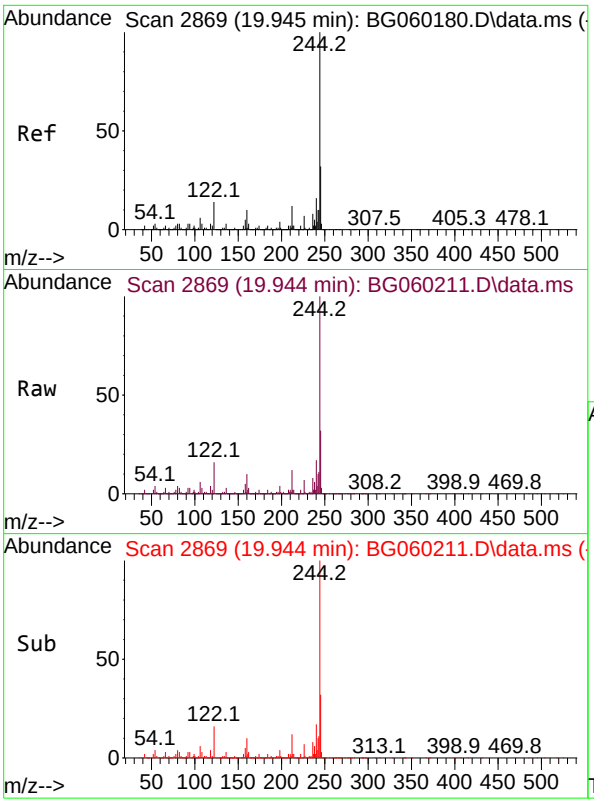


#78
Pyrene
Concen: 5.290 ng
RT: 19.738 min Scan# 2834
Delta R.T. -0.007 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:202 Resp: 638695

Ion	Ratio	Lower	Upper
202	100		
200	21.1	20.3	30.5
203	18.3	17.8	26.6



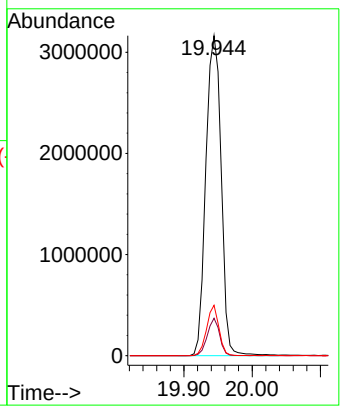


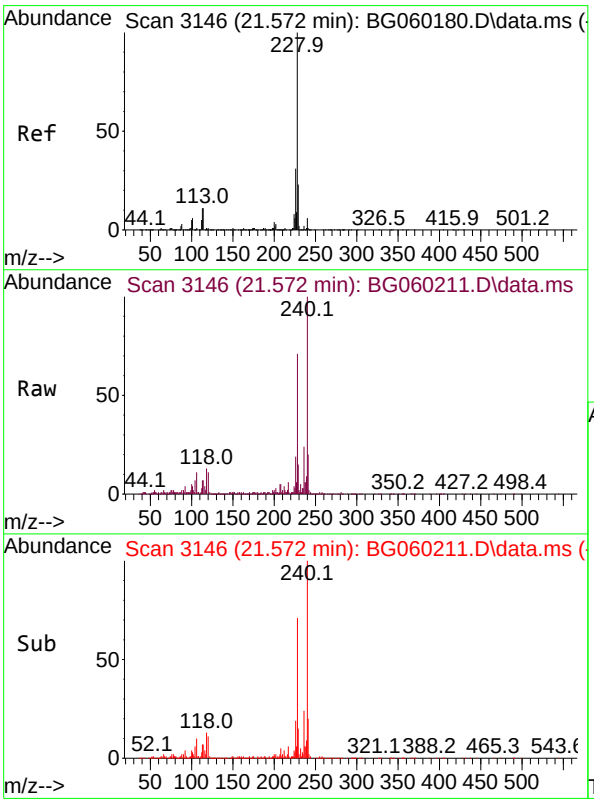
#79
Terphenyl-d14
Concen: 52.969 ng
RT: 19.944 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 4948656

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.5	14.3
122	15.8	11.4	17.2

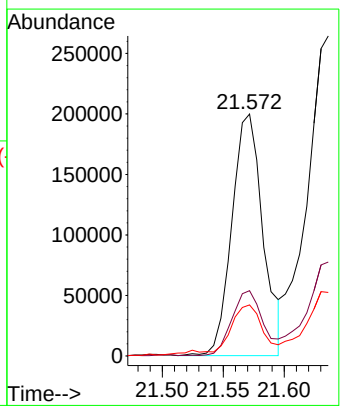


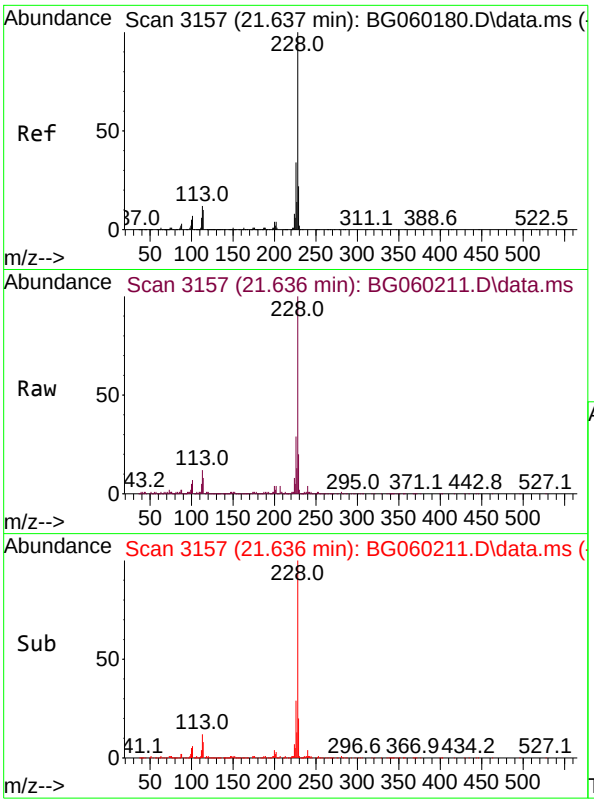


#81
Benzo(a)anthracene
Concen: 3.102 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:228 Resp: 354238

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.6	36.8
229	21.1	18.4	27.6



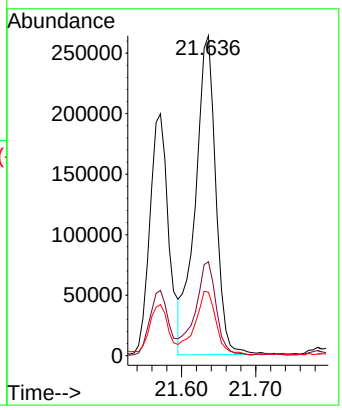


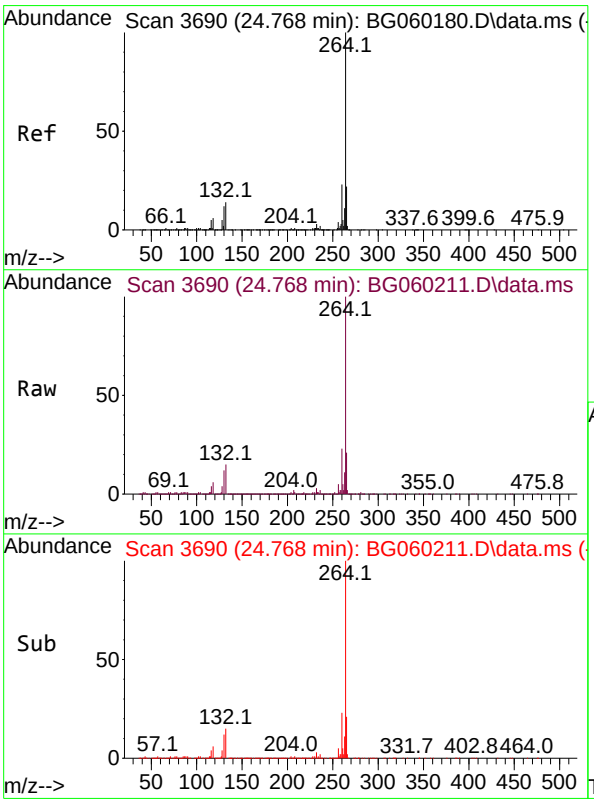
#83
Chrysene
Concen: 4.583 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 508433

Ion	Ratio	Lower	Upper
228	100		
226	29.3	26.8	40.2
229	19.9	17.7	26.5

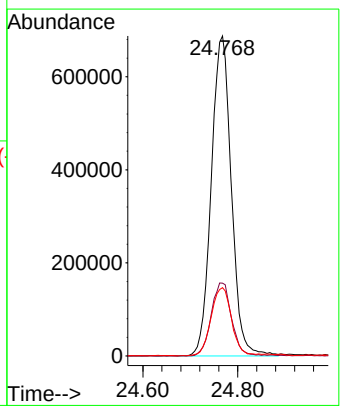


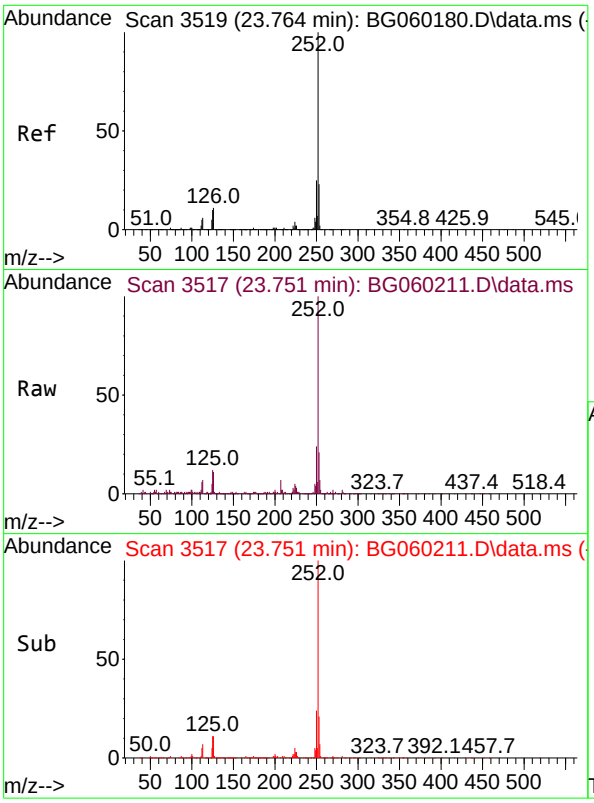


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.768 min Scan# 3690
Delta R.T. -0.001 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:264 Resp: 2018012

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.0	27.0
265	21.4	17.4	26.0



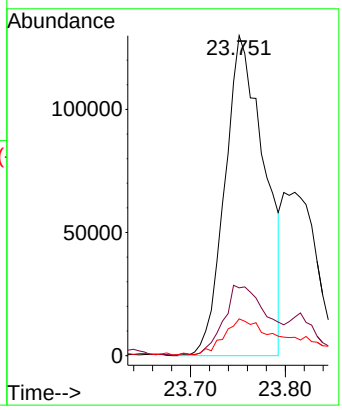


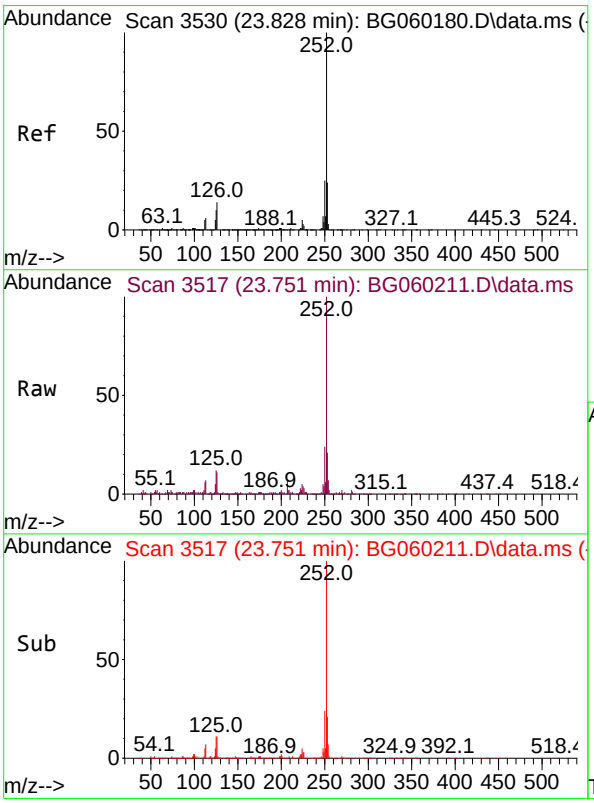
#88
Benzo(b)fluoranthene
Concen: 3.105 ng
RT: 23.751 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 376518

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	11.5	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 3.085 ng
RT: 23.751 min Scan# 3517
Delta R.T. -0.077 min
Lab File: BG060211.D
Acq: 3 Jan 2024 3:16

Tgt Ion:252 Resp: 376518

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.1	28.7
125	11.5	7.7	11.5