Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061095.D
Acq On : 2 May 2024 16:04
Operator : MA/JU
Sample : P2337-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 02 16:55:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	34183	20.000	ng	#-0.02
21) Naphthalene-d8	10.735	136	127004	20.000	ng	-0.02
39) Acenaphthene-d10	14.565	164	88998	20.000	ng	-0.02
64) Phenanthrene-d10	17.315	188	193377	20.000	ng	#-0.02
76) Chrysene-d12	21.569	240	190864	20.000	ng	-0.02
86) Perylene-d12	24.701	264	160101	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	62406	37.129	ng	-0.02
7) Phenol-d6	7.109	99	88287	35.508	ng	-0.02
23) Nitrobenzene-d5	9.089	82	60288	23.532	ng	-0.03
42) 2,4,6-Tribromophenol	16.058	330	60397	33.952	ng	-0.02
45) 2-Fluorobiphenyl	13.185	172	168035	27.919	ng	-0.02
79) Terphenyl-d14	19.930	244	259902	22.647	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.098	77	76	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.084	70	8739	4.696	ng	# 64
54) 2,4-Dinitrophenol	15.141	184	120	2.319	ng	# 11
71) Phenanthrene	17.356	178	32636	3.691	ng	# 89
75) Fluoranthene	19.366	202	85126	7.027	ng	97
77) Benzidine	19.536	184	214	2.851	ng	# 1
78) Pyrene	19.730	202	74178	6.113	ng	98
81) Benzo(a)anthracene	21.551	228	42766	3.424	ng	96
83) Chrysene	21.551	228	42766	3.655	ng	96
84) Bis(2-ethylhexyl)phtha...	21.475	149	15140	3.018	ng	98
88) Benzo(b)fluoranthene	23.719	252	46317	5.177	ng	# 96
89) Benzo(k)fluoranthene	23.719	252	46317	5.381	ng	# 94
90) Benzo(a)pyrene	24.554	252	27994	3.592	ng	# 91

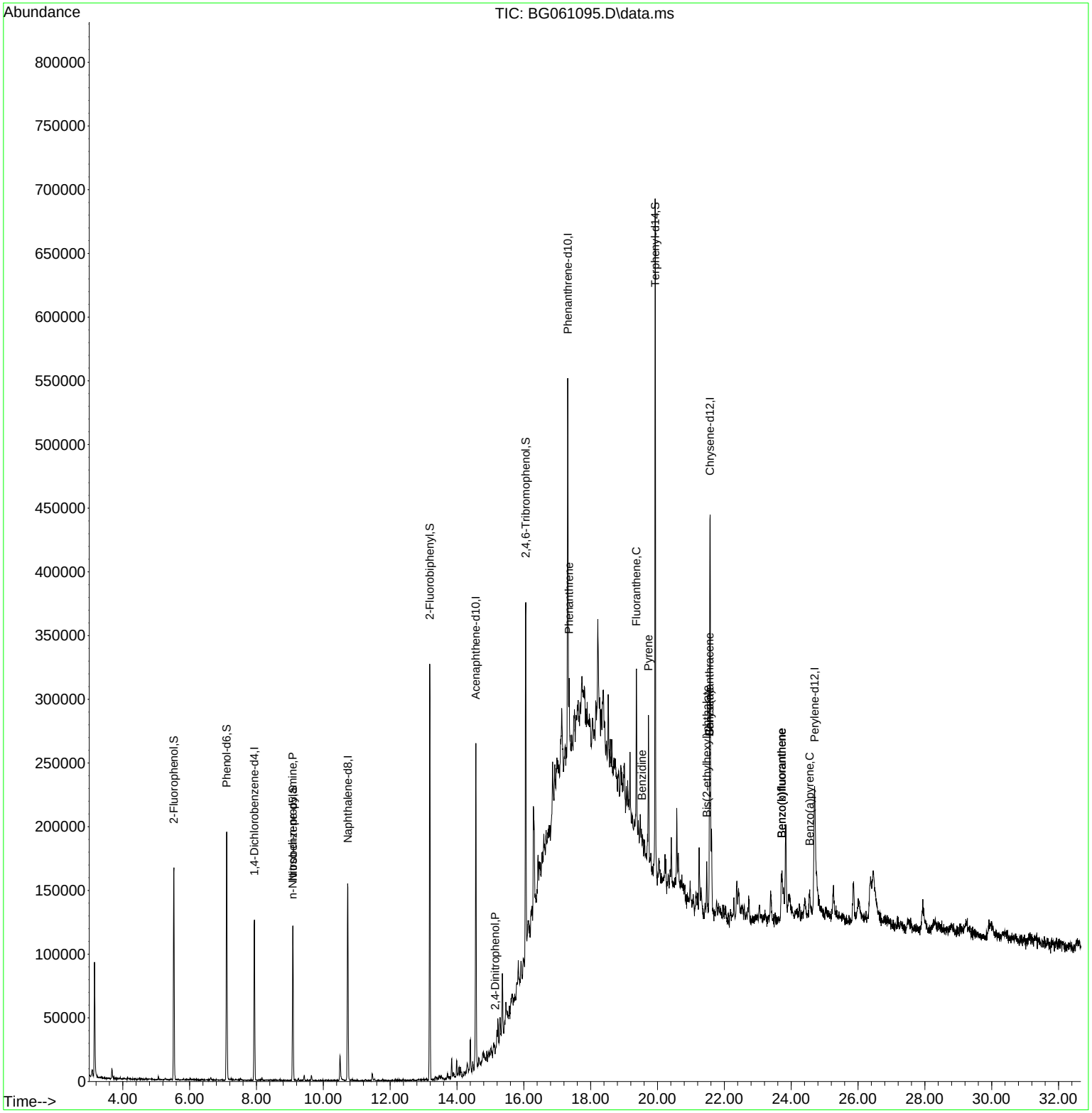
(#) = qualifier out of range (m) = manual integration (+) = signals summed

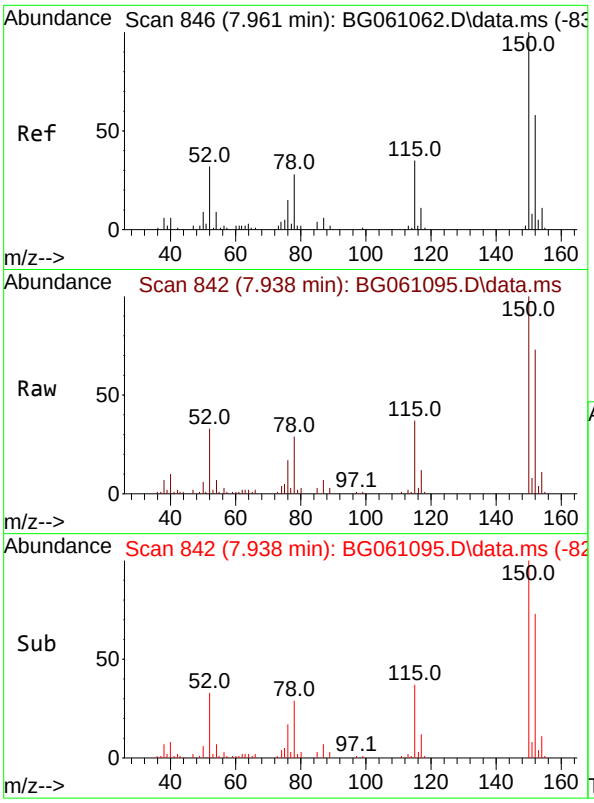
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061095.D
Acq On : 2 May 2024 16:04
Operator : MA/JU
Sample : P2337-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 02 16:55:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



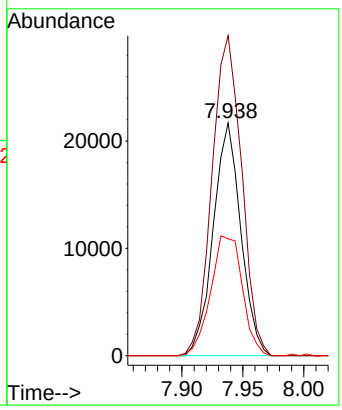


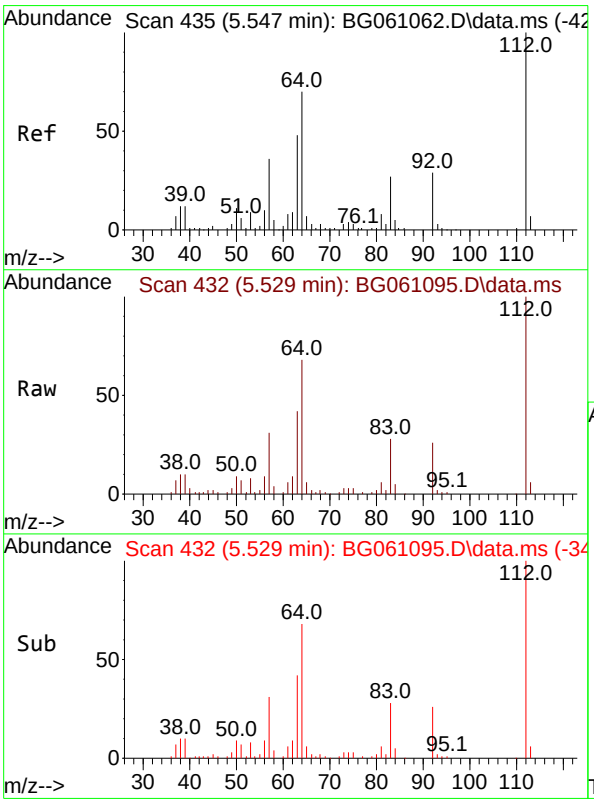
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 84
Delta R.T. -0.023 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34183

Ion	Ratio	Lower	Upper
152	100		
150	137.6	138.3	207.5#
115	50.3	48.0	72.0

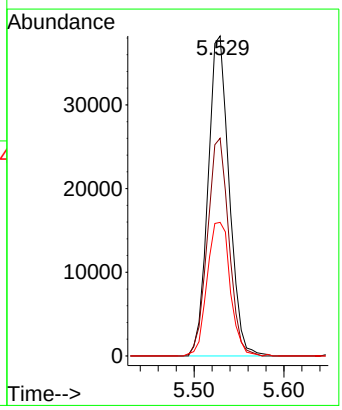


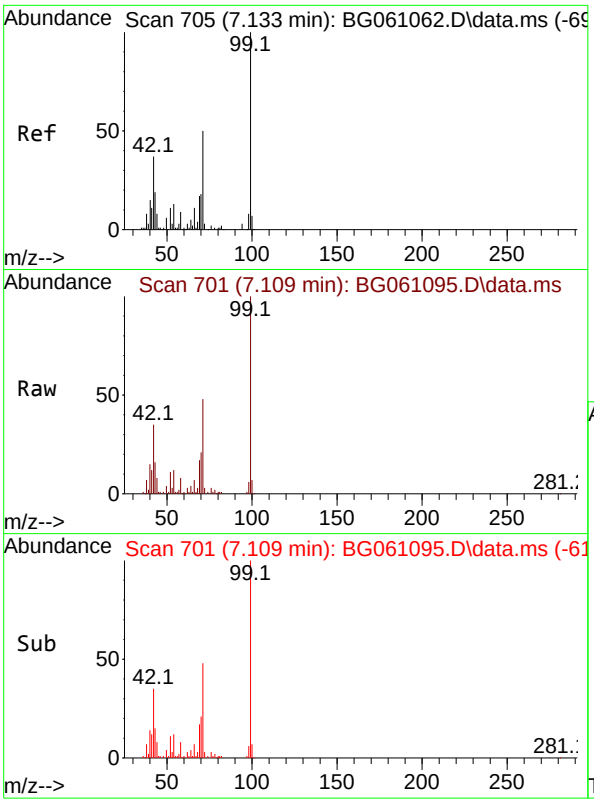


#5
2-Fluorophenol
Concen: 37.129 ng
RT: 5.529 min Scan# 432
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:112 Resp: 62406

Ion	Ratio	Lower	Upper
112	100		
64	68.1	55.7	83.5
63	41.7	38.1	57.1



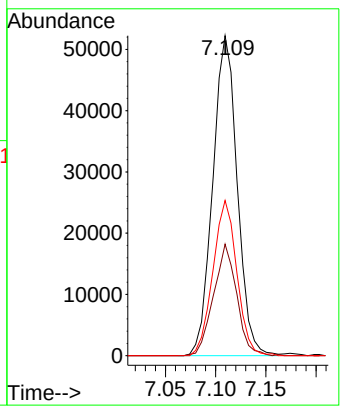


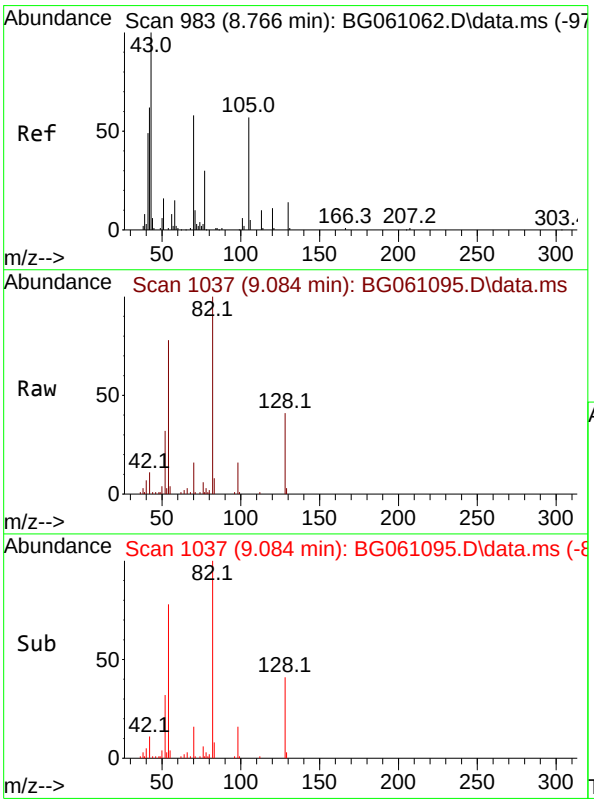
#7
Phenol-d6
Concen: 35.508 ng
RT: 7.109 min Scan# 7
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 88287

Ion	Ratio	Lower	Upper
99	100		
42	34.8	29.2	43.8
71	48.5	39.7	59.5

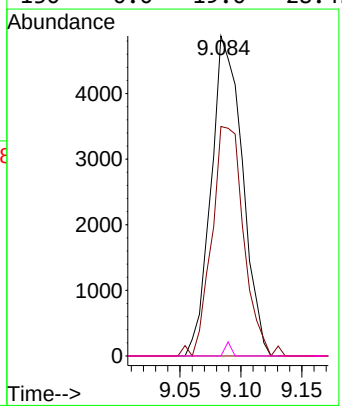


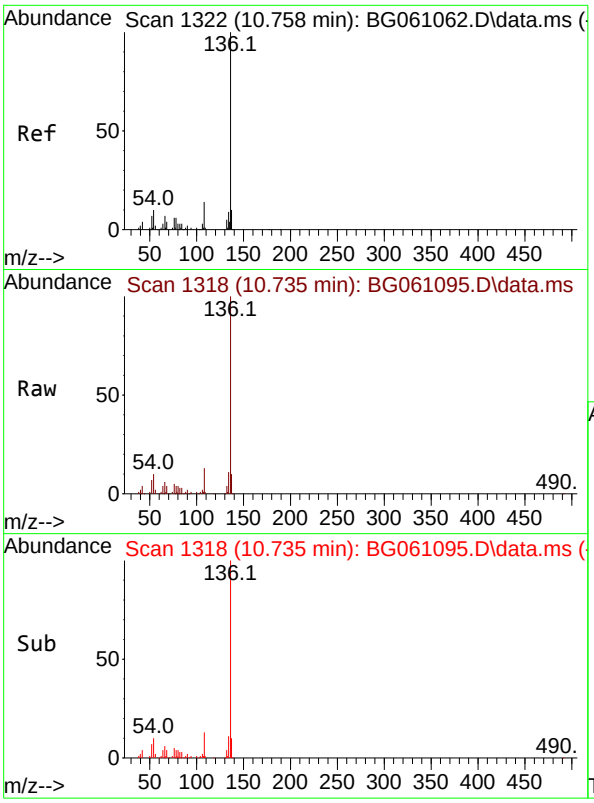


#19
n-Nitroso-di-n-propylamine
Concen: 4.696 ng
RT: 9.084 min Scan# 1037
Delta R.T. 0.317 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion: 70 Resp: 8739

Ion	Ratio	Lower	Upper
70	100		
42	71.7	86.4	129.6#
101	0.0	7.8	11.8#
130	0.0	19.0	28.4#



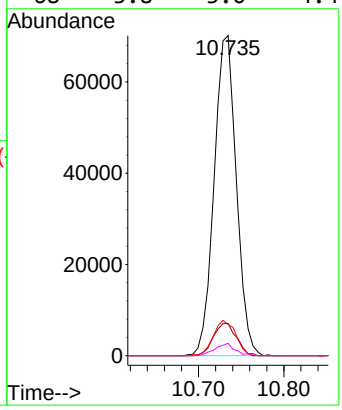


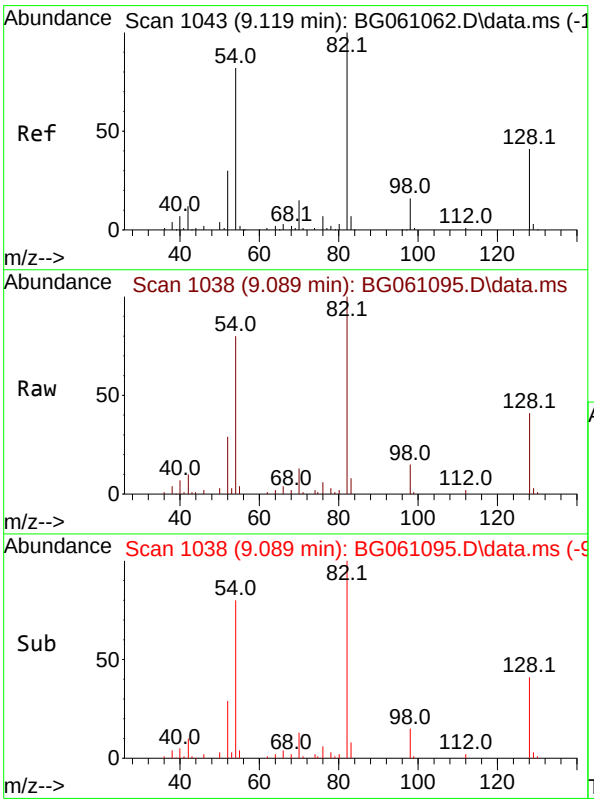
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 127004

Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.8	11.6
54	9.8	8.1	12.1
68	3.8	3.0	4.4

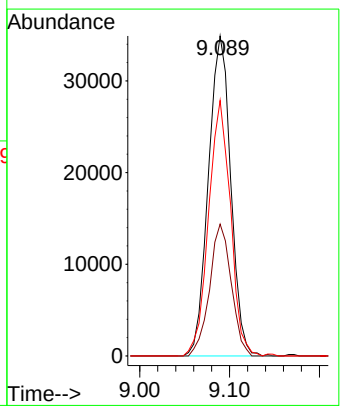


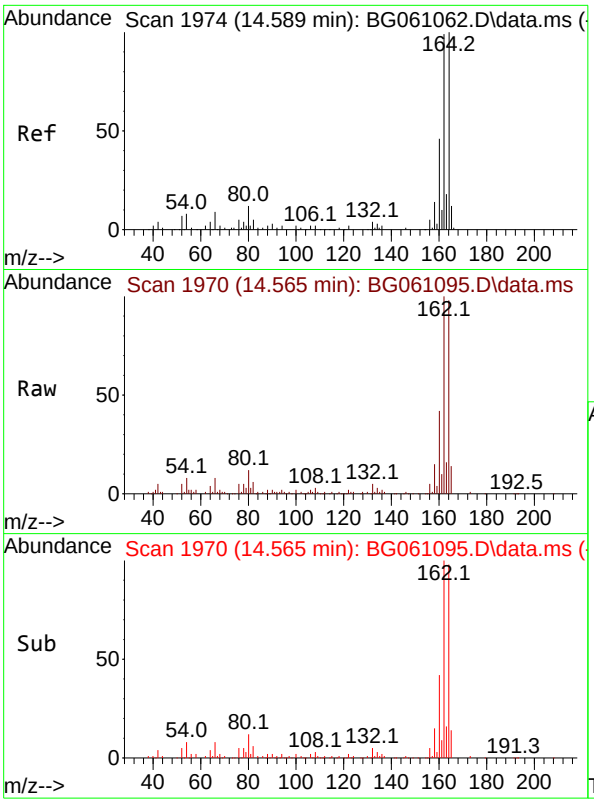


#23
Nitrobenzene-d5
Concen: 23.532 ng
RT: 9.089 min Scan# 1038
Delta R.T. -0.029 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion: 82 Resp: 60288

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.7	49.1
54	79.8	65.6	98.4



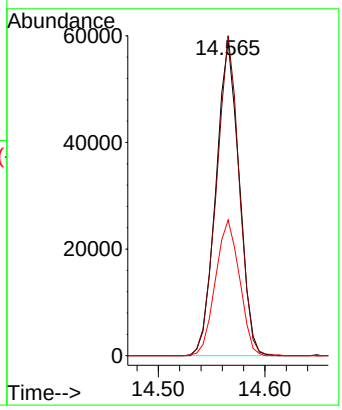


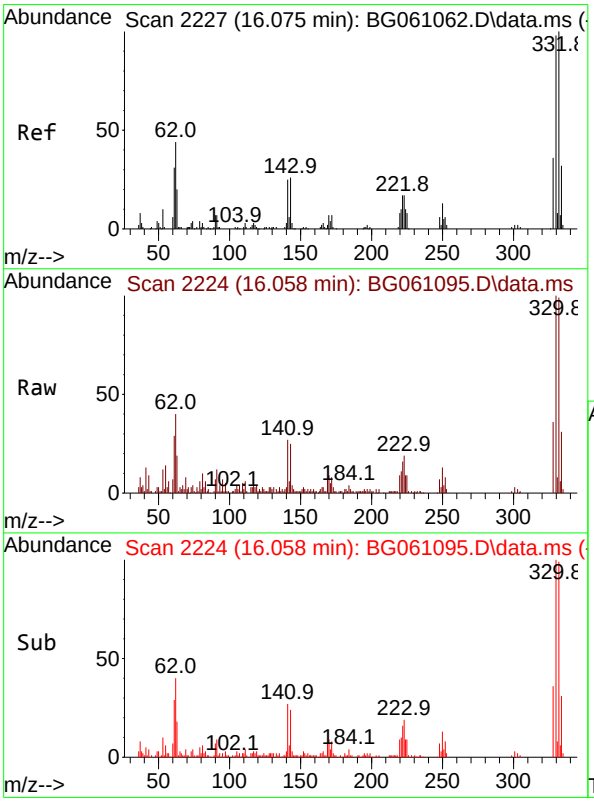
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 88998

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.4	119.2
160	43.2	37.0	55.6

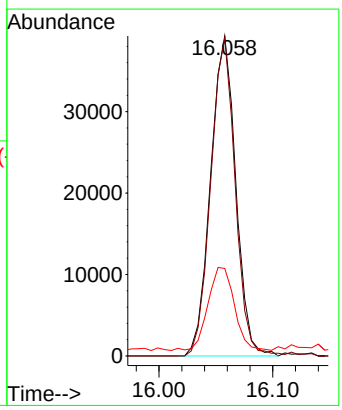


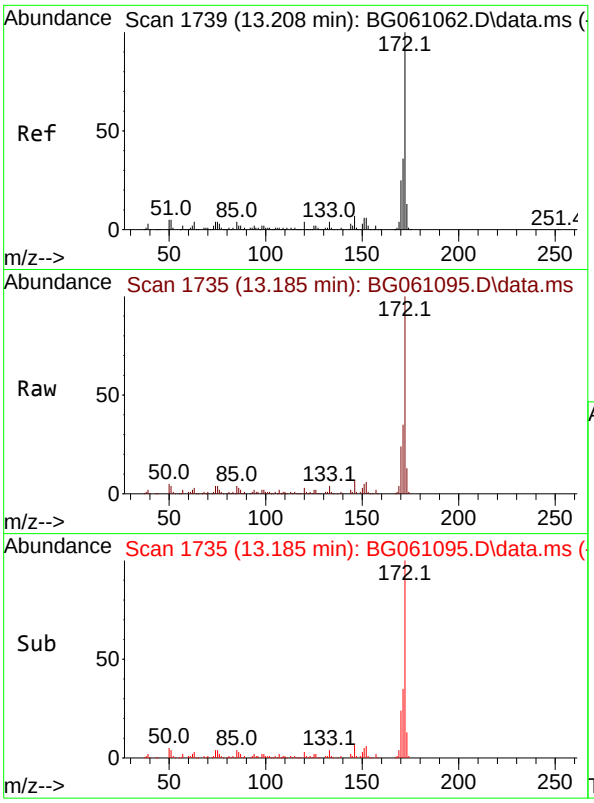


#42
2,4,6-Tribromophenol
Concen: 33.952 ng
RT: 16.058 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:330 Resp: 60397

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	117.8
141	27.4	20.5	30.7



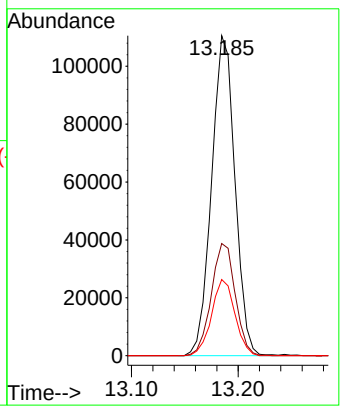


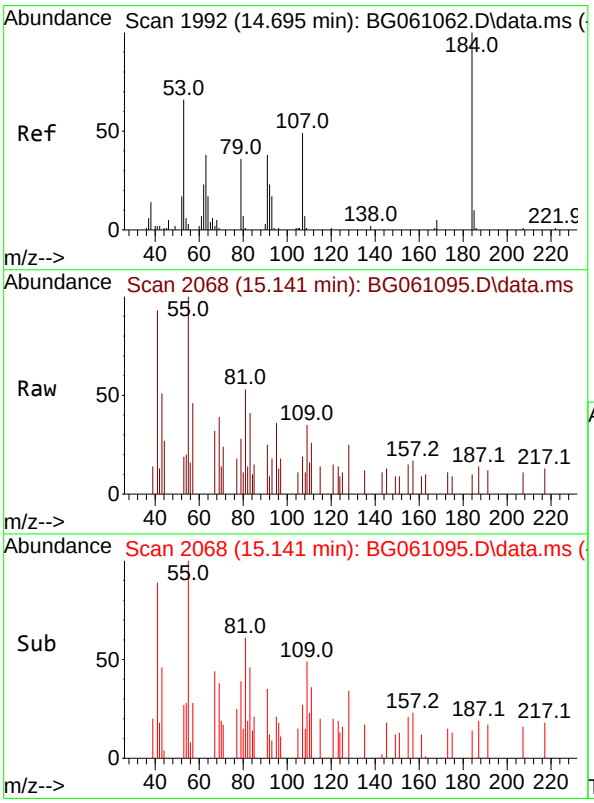
#45
2-Fluorobiphenyl
Concen: 27.919 ng
RT: 13.185 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 168035

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.8	20.2	30.4

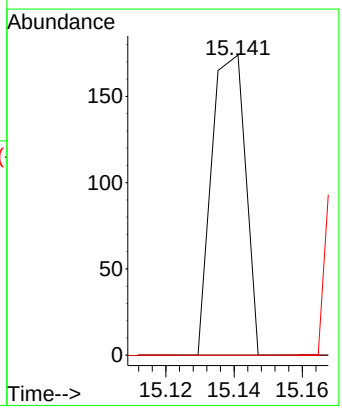


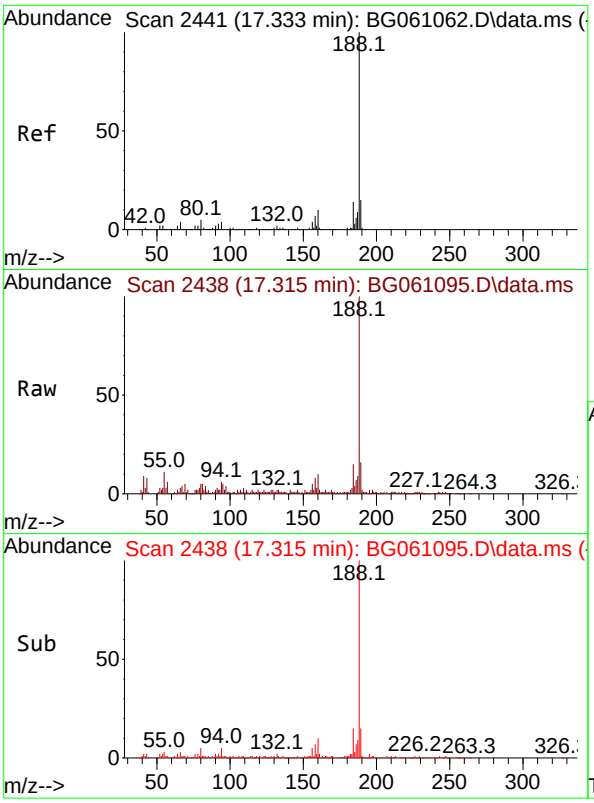


#54
2,4-Dinitrophenol
Concen: 2.319 ng
RT: 15.141 min Scan# 2068
Delta R.T. 0.447 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:184 Resp: 120

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.6	93.8#
154	0.0	61.4	92.0#



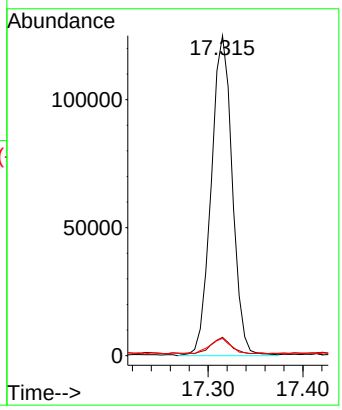


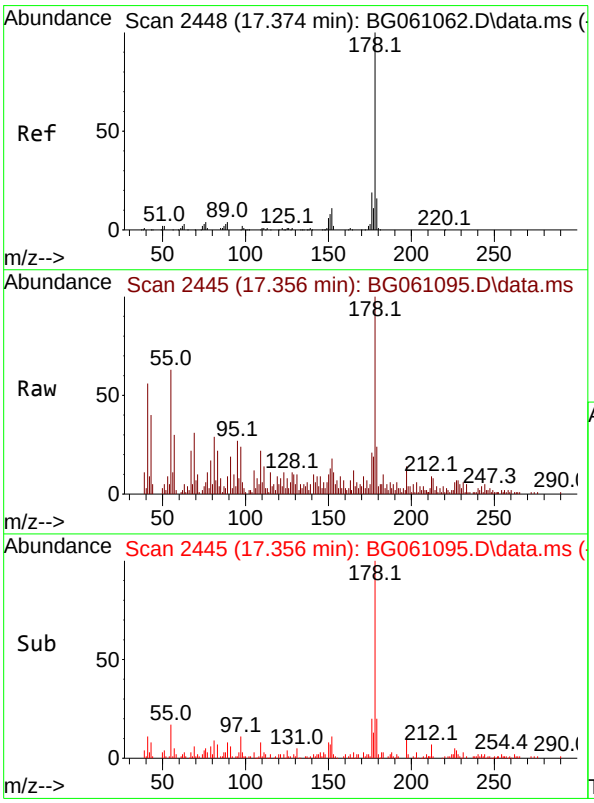
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 24
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 193377

Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.6	5.4#
80	5.4	4.2	6.2

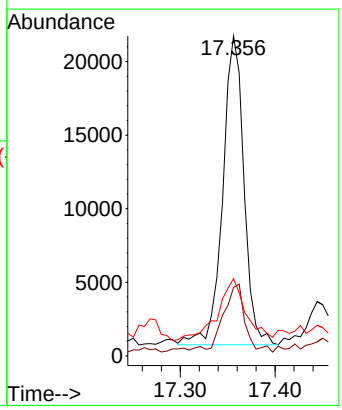


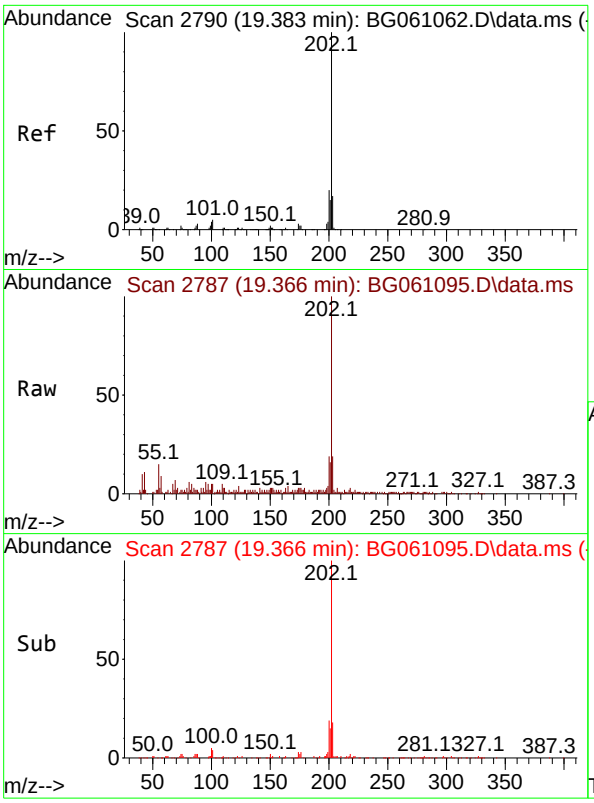


#71
Phenanthrene
Concen: 3.691 ng
RT: 17.356 min Scan# 2445
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:178 Resp: 32636

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.5	23.3
179	24.2	12.6	19.0#



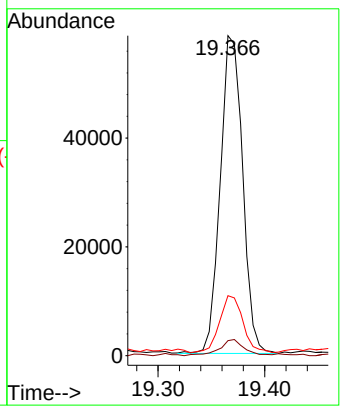


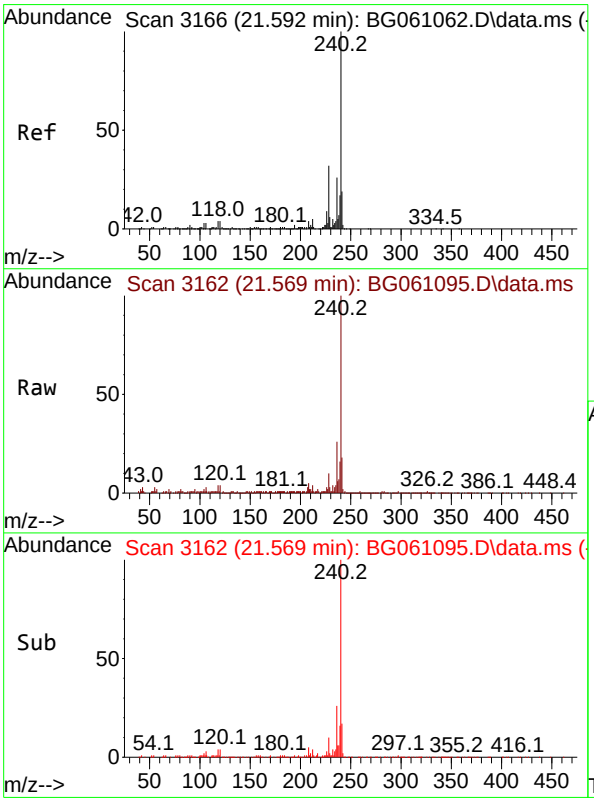
#75
Fluoranthene
Concen: 7.027 ng
RT: 19.366 min Scan# 2
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 85126

Ion	Ratio	Lower	Upper
202	100		
101	4.7	0.0	24.7
203	18.7	0.0	37.1

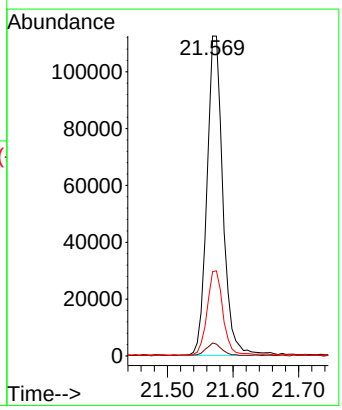


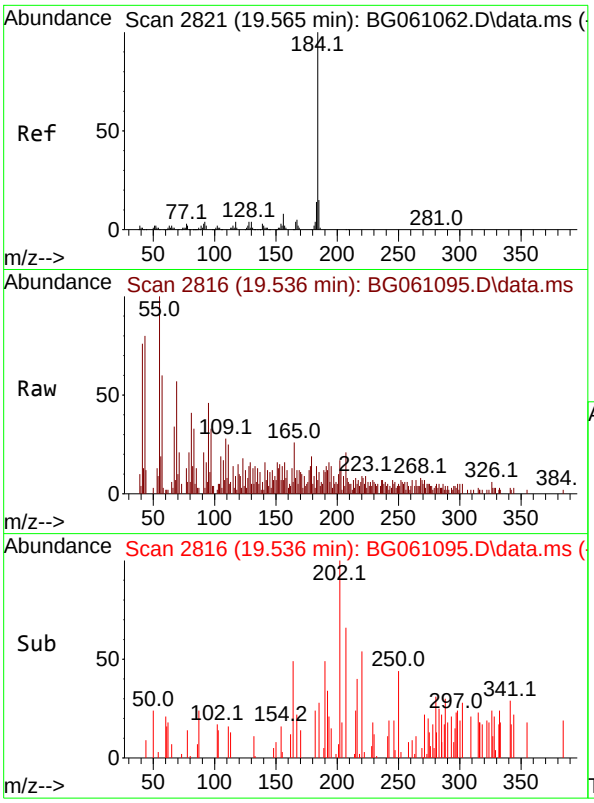


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:240 Resp: 190864

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.2	4.8
236	26.4	21.0	31.6



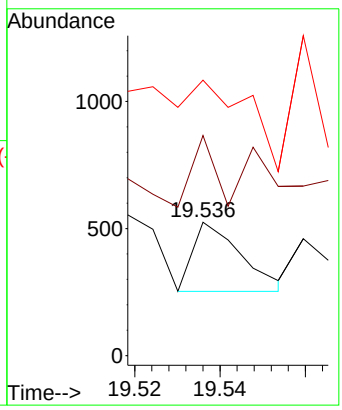


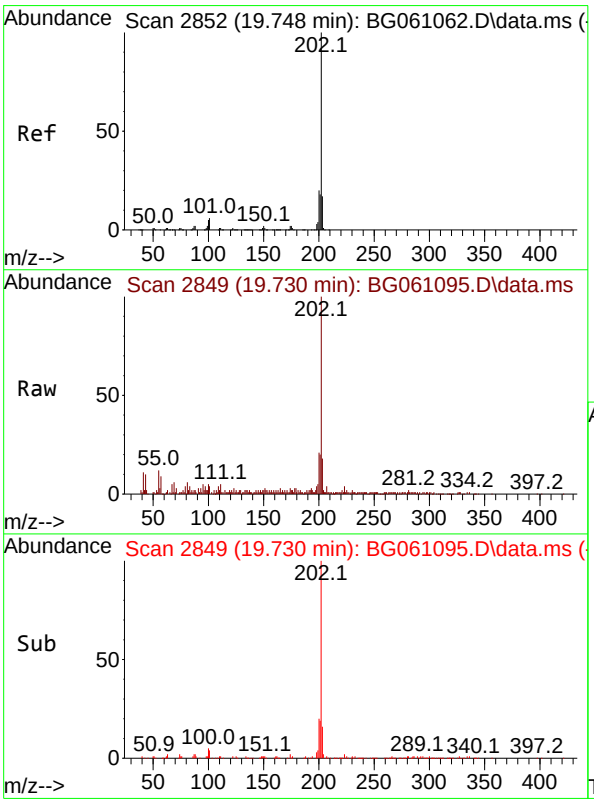
#77
Benzidine
Concen: 2.851 ng
RT: 19.536 min Scan# 2
Delta R.T. -0.029 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 214

Ion	Ratio	Lower	Upper
184	100		
185	165.0	12.0	18.0#
183	206.5	10.9	16.3#

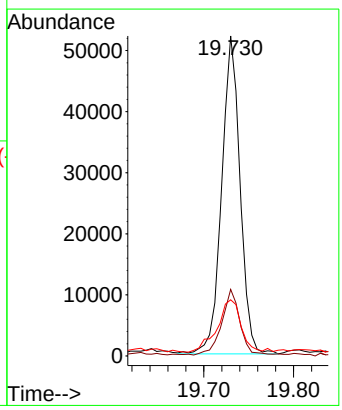


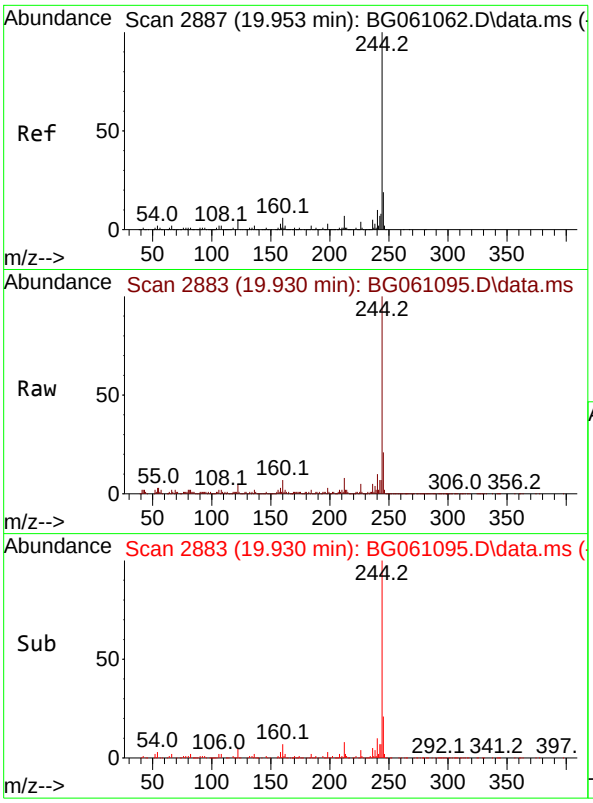


#78
Pyrene
Concen: 6.113 ng
RT: 19.730 min Scan# 2849
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:202 Resp: 74178

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.2	24.4
203	17.6	13.3	19.9



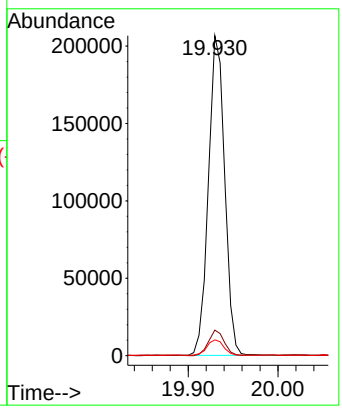


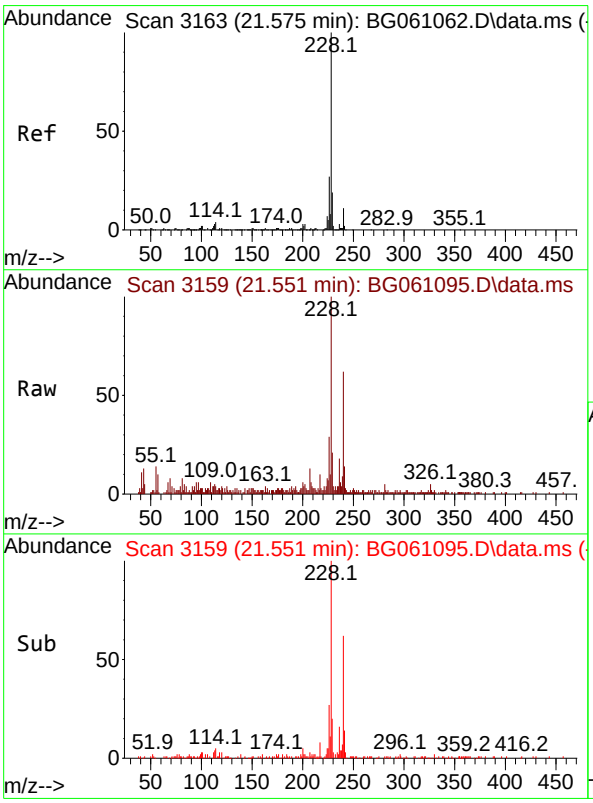
#79
Terphenyl-d14
Concen: 22.647 ng
RT: 19.930 min Scan# 2
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 259902

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	4.9	4.2	6.2

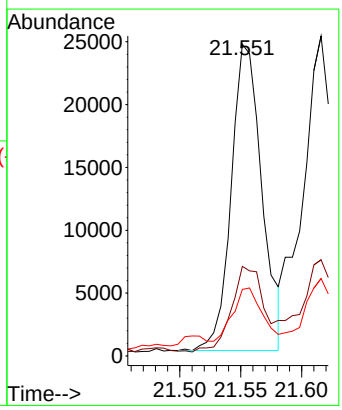


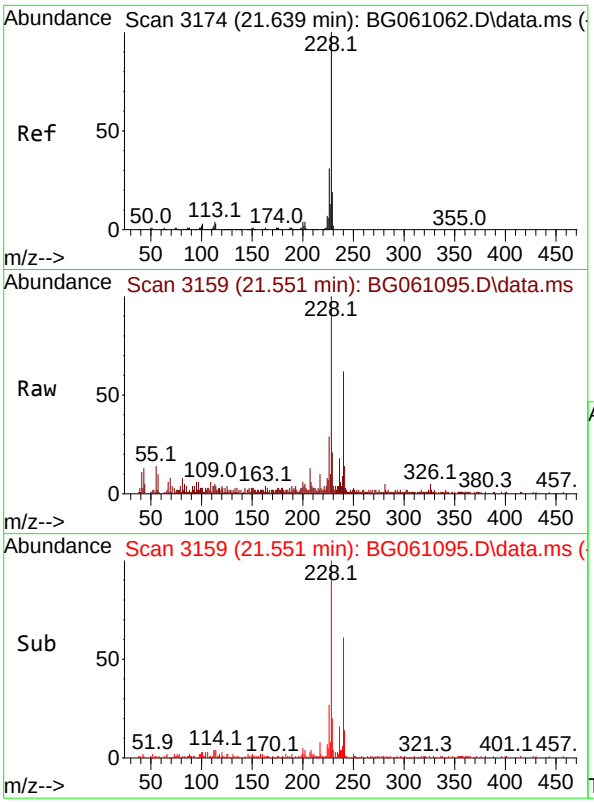


#81
Benzo(a)anthracene
Concen: 3.424 ng
RT: 21.551 min Scan# 3159
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:228 Resp: 42766

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.6	32.4
229	21.4	15.0	22.4



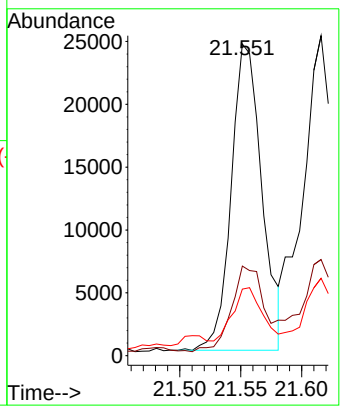


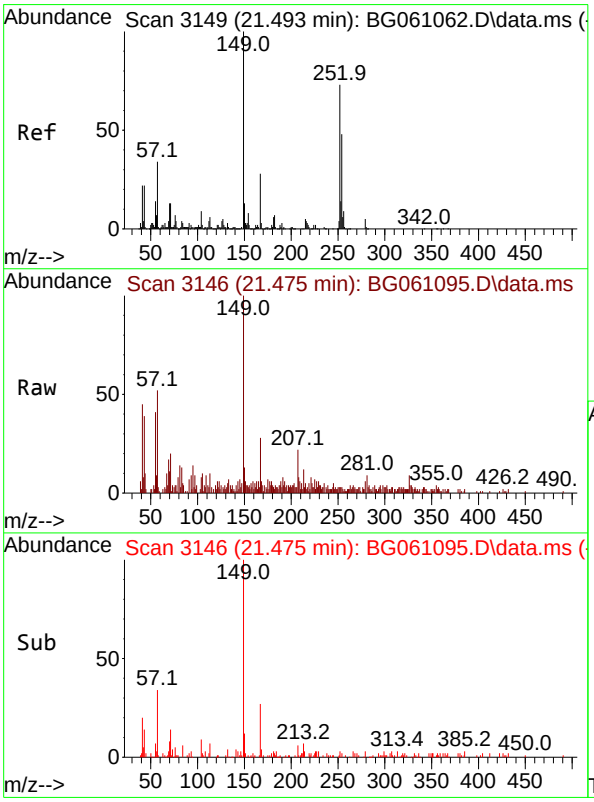
#83
Chrysene
Concen: 3.655 ng
RT: 21.551 min Scan# 3
Delta R.T. -0.088 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 42766

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.4	36.6
229	21.4	14.8	22.2

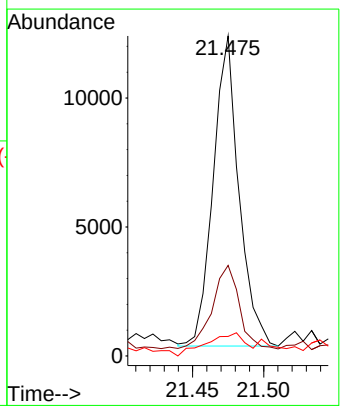


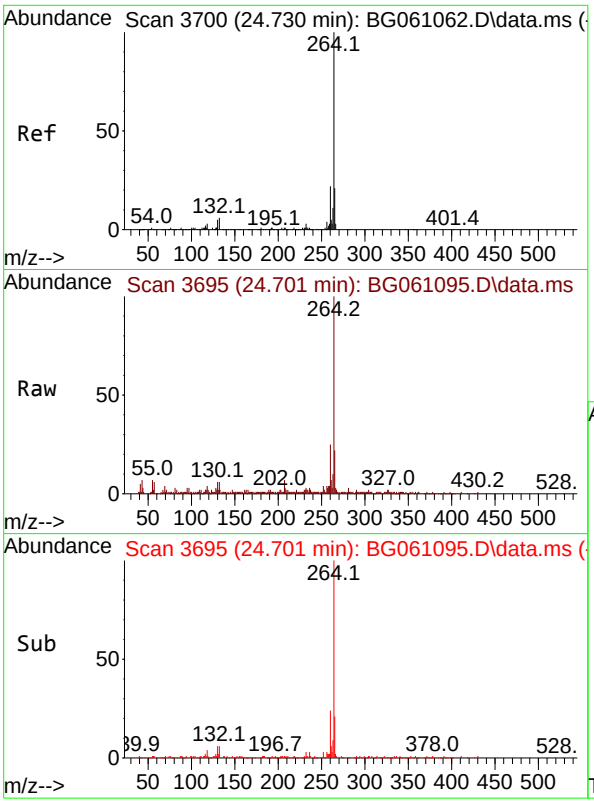


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.018 ng
RT: 21.475 min Scan# 3146
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:149 Resp: 15140

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.1	33.1
279	6.1	4.1	6.1



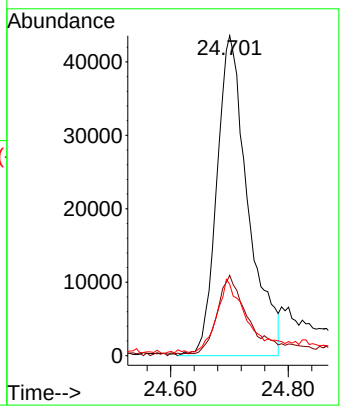


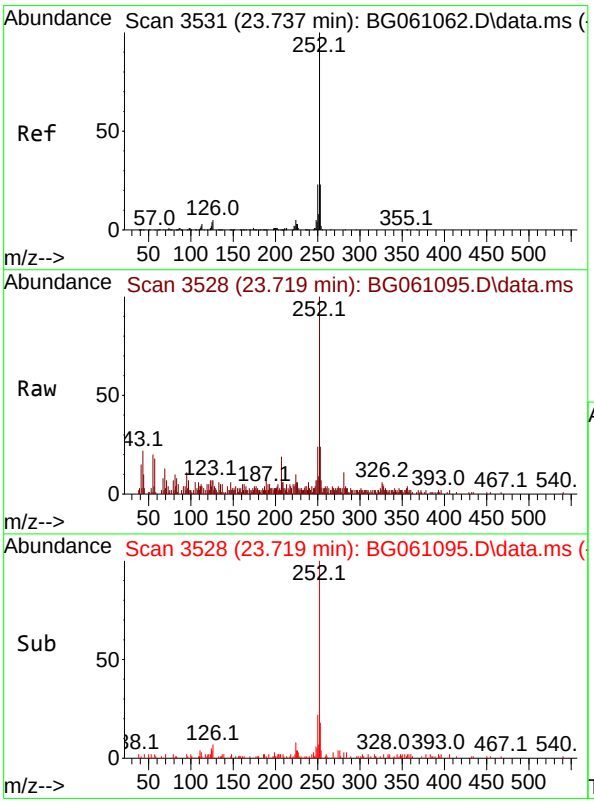
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.701 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 160101

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.7	26.5
265	22.3	16.4	24.6

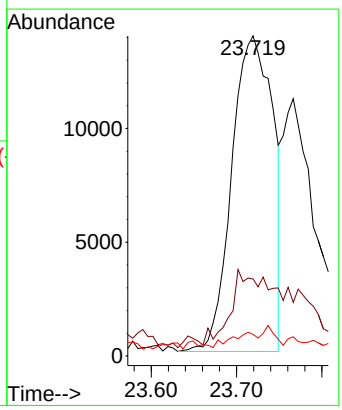


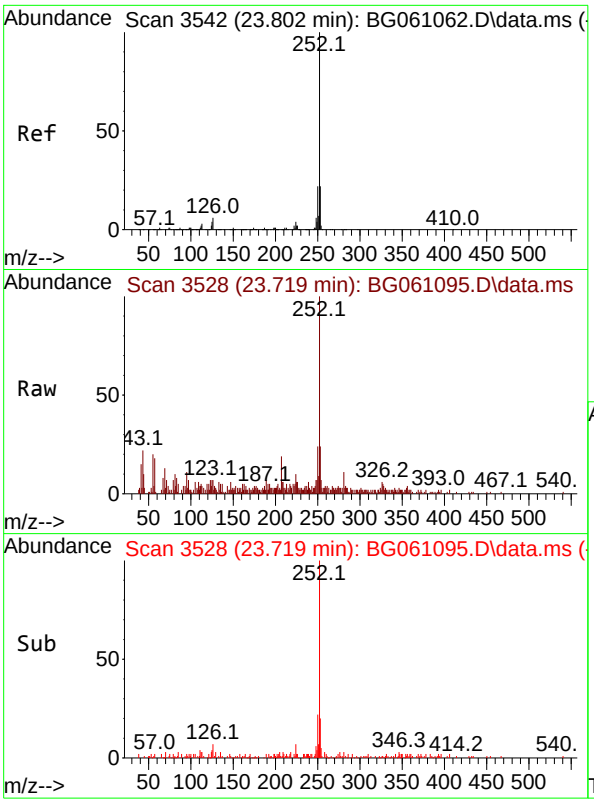


#88
Benzo(b)fluoranthene
Concen: 5.177 ng
RT: 23.719 min Scan# 3528
Delta R.T. -0.018 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:252 Resp: 46317

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	6.7	3.4	5.0#



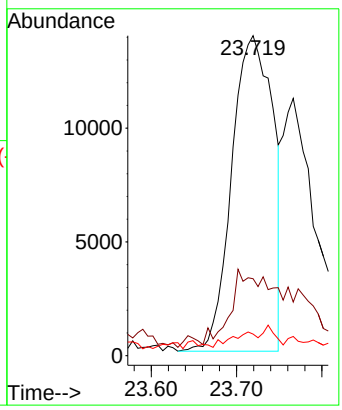


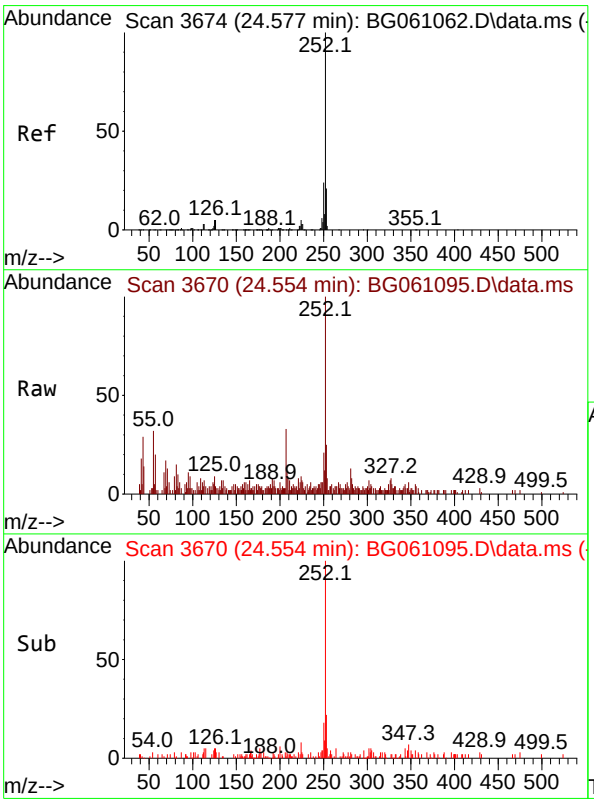
#89
Benzo(k)fluoranthene
Concen: 5.381 ng
RT: 23.719 min Scan# 3
Delta R.T. -0.082 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 46317

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	6.7	3.2	4.8#





#90
Benzo(a)pyrene
Concen: 3.592 ng
RT: 24.554 min Scan# 3670
Delta R.T. -0.024 min
Lab File: BG061095.D
Acq: 2 May 2024 16:04

Tgt Ion:252 Resp: 27994

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.9	25.3
125	9.4	3.8	5.8#