Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059781.D
Acq On : 20 Nov 2023 23:11
Operator : MA/JU
Sample : 05376-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
223

Quant Time: Nov 21 00:22:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	29255	20.000	ng	#-0.01
21) Naphthalene-d8	11.179	136	142191	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	107266	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	242587	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	180435	20.000	ng	# 0.00
86) Perylene-d12	25.633	264	202733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	131798	75.828	ng	0.00
7) Phenol-d6	7.454	99	206503	80.173	ng	0.00
23) Nitrobenzene-d5	9.528	82	190230	51.095	ng	-0.01
42) 2,4,6-Tribromophenol	16.450	330	108996	89.556	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	400324	50.235	ng	0.00
79) Terphenyl-d14	20.292	244	678313	55.497	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.534	70	30164	14.871	ng	# 89
31) Naphthalene	11.232	128	24449	3.419	ng	# 94
49) Acenaphthylene	14.705	152	23533	2.386	ng	94
71) Phenanthrene	17.754	178	26981	2.188	ng	97
72) Anthracene	17.754	178	26981	2.105	ng	96
75) Fluoranthene	19.752	202	37688	2.548	ng	97
78) Pyrene	20.116	202	58816	4.791	ng	95
81) Benzo(a)anthracene	22.020	228	25949	2.102	ng	98
83) Chrysene	22.020	228	25949	2.293	ng	99
88) Benzo(b)fluoranthene	24.458	252	23102	2.079	ng	# 87
90) Benzo(a)pyrene	25.451	252	46245	3.900	ng	# 90

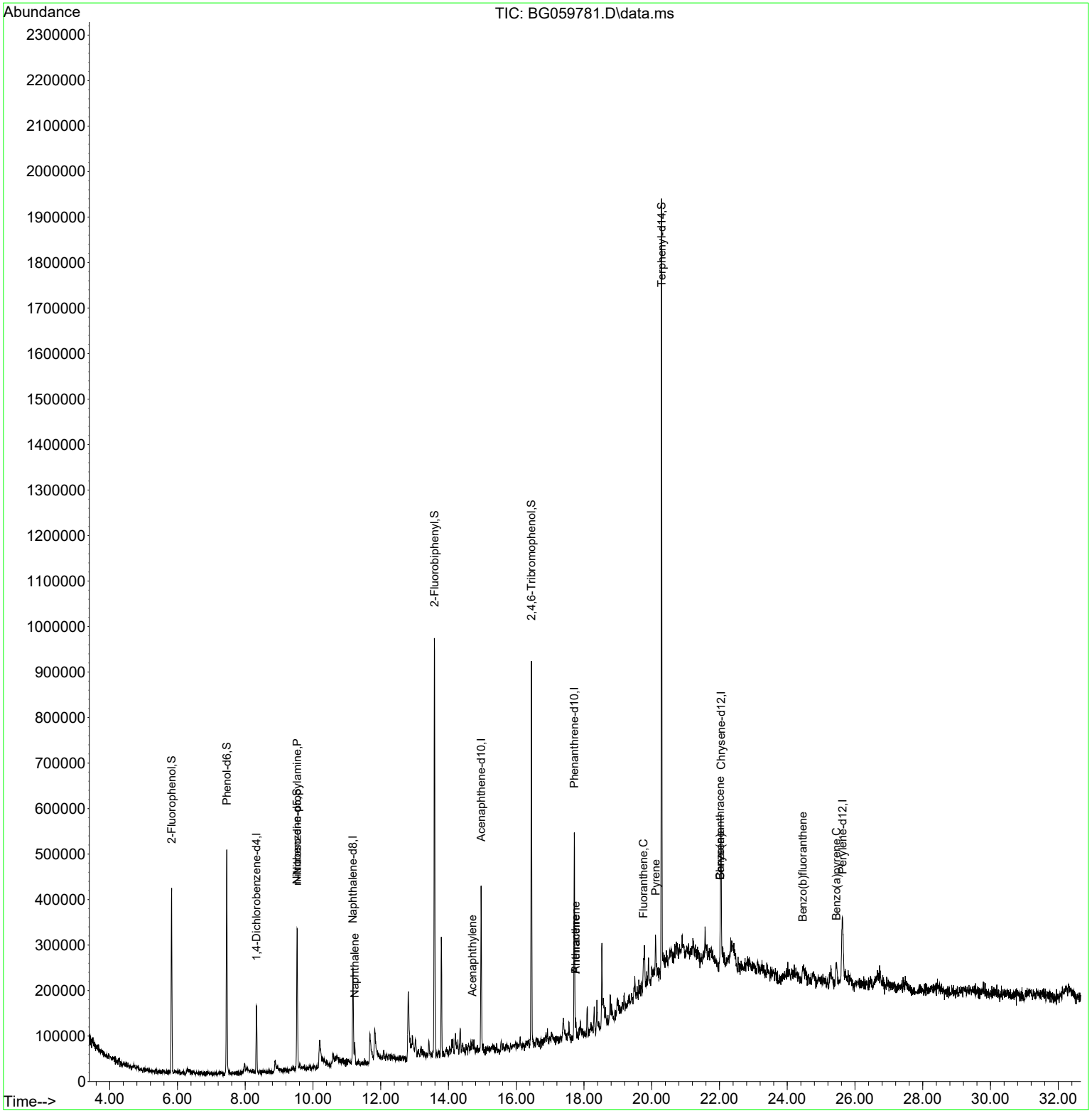
(#) = qualifier out of range (m) = manual integration (+) = signals summed

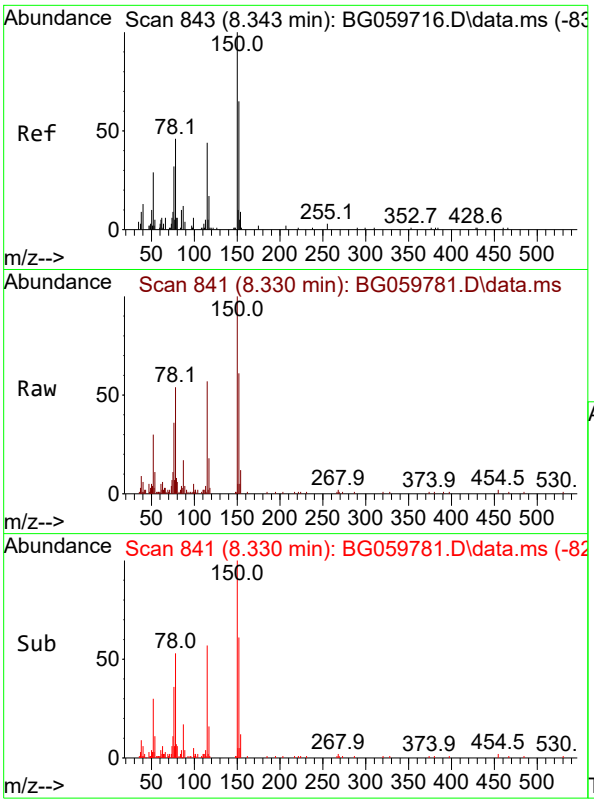
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059781.D
Acq On : 20 Nov 2023 23:11
Operator : MA/JU
Sample : 05376-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
223

Quant Time: Nov 21 00:22:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration



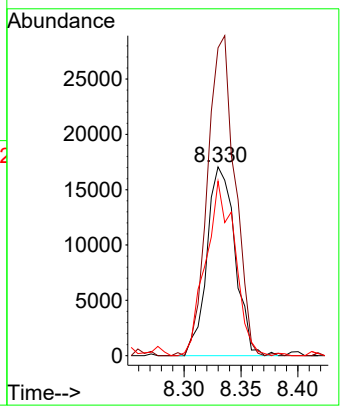


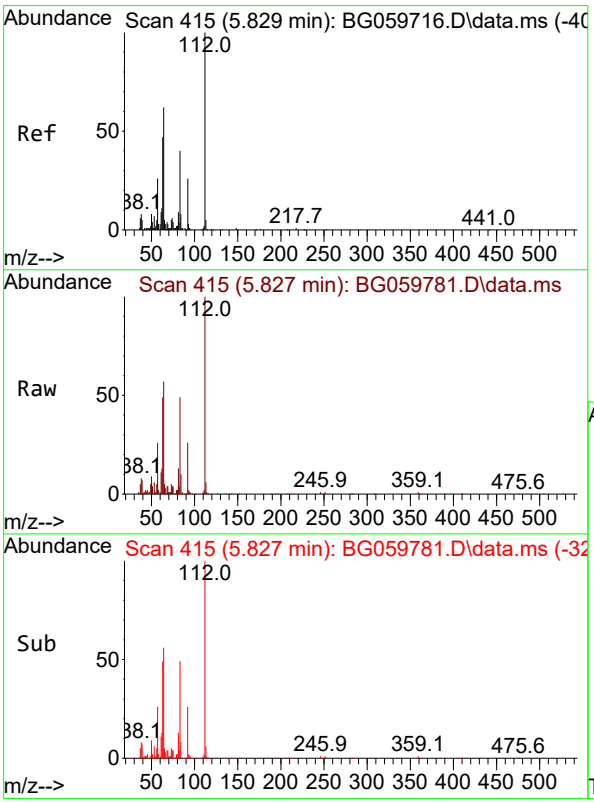
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:152 Resp: 29255

Ion	Ratio	Lower	Upper
152	100		
150	163.1	122.2	183.4
115	92.4	54.2	81.4#

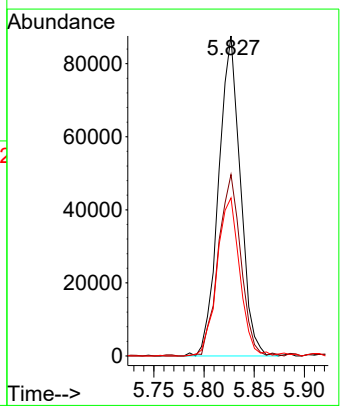


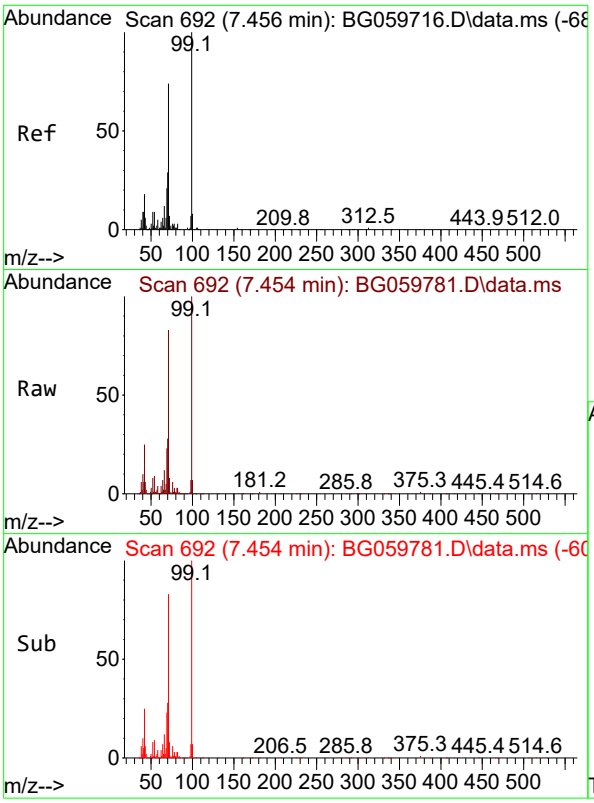


#5
2-Fluorophenol
Concen: 75.828 ng
RT: 5.827 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:112 Resp: 131798

Ion	Ratio	Lower	Upper
112	100		
64	56.7	49.5	74.3
63	49.4	37.4	56.2



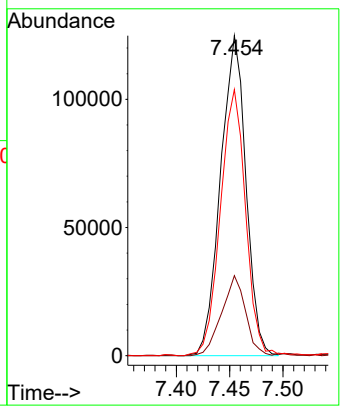


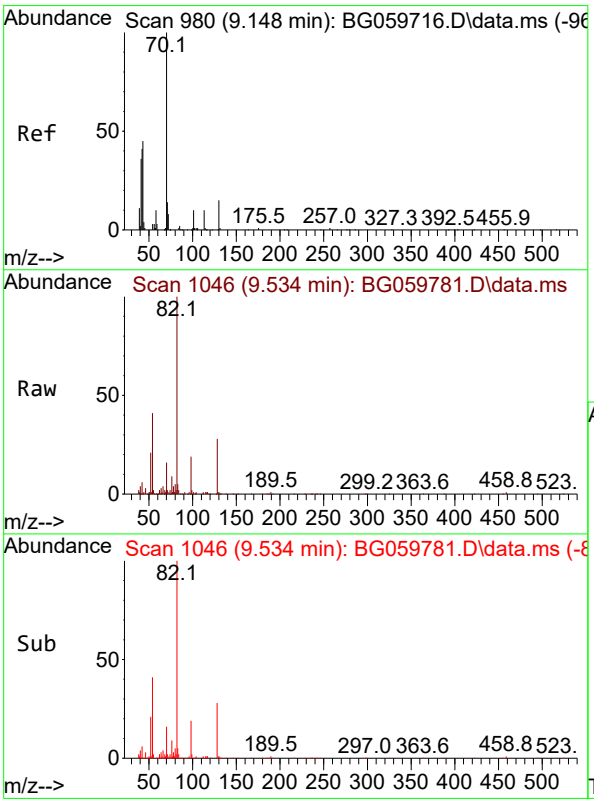
#7
Phenol-d6
Concen: 80.173 ng
RT: 7.454 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion: 99 Resp: 206503

Ion	Ratio	Lower	Upper
99	100		
42	25.0	14.3	21.5#
71	83.2	59.3	88.9

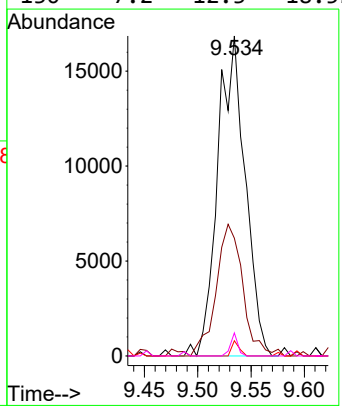


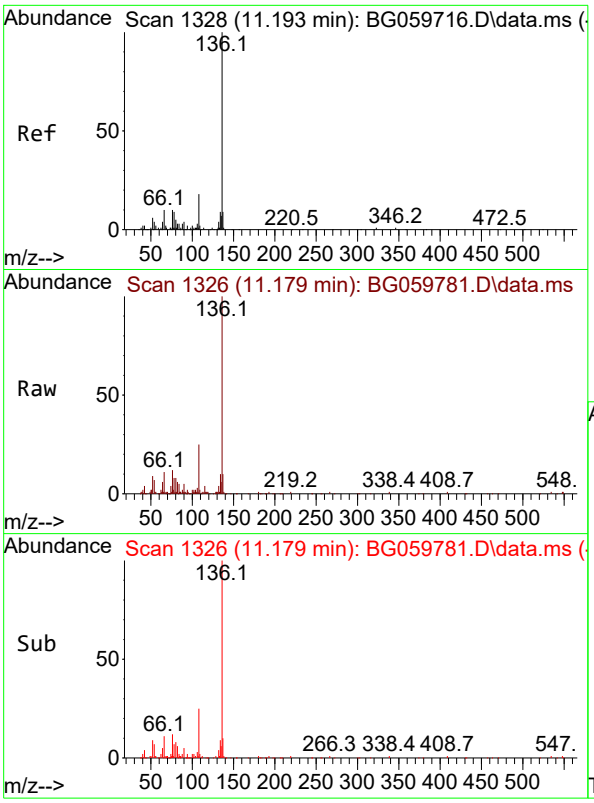


#19
n-Nitroso-di-n-propylamine
Concen: 14.871 ng
RT: 9.534 min Scan# 1046
Delta R.T. 0.386 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion: 70 Resp: 30164

Ion	Ratio	Lower	Upper
70	100		
42	36.8	32.8	49.2
101	4.8	7.7	11.5#
130	7.2	12.3	18.5#



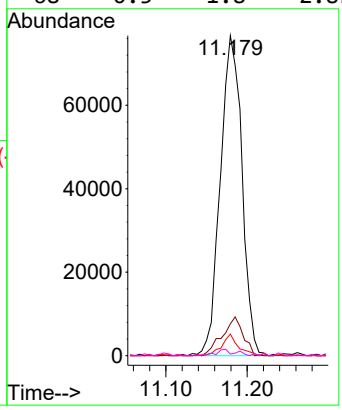


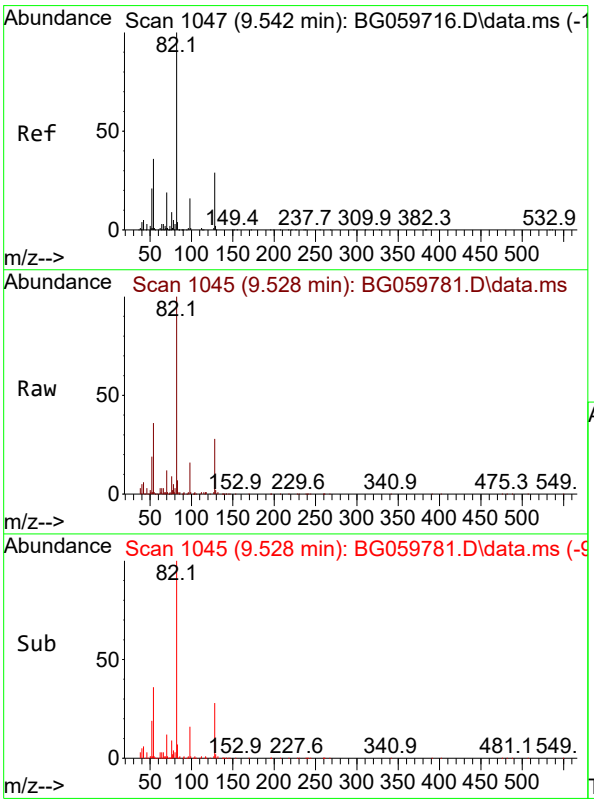
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:136 Resp: 142191

Ion	Ratio	Lower	Upper
136	100		
137	9.9	7.4	11.0
54	6.7	3.1	4.7#
68	0.5	1.8	2.8#

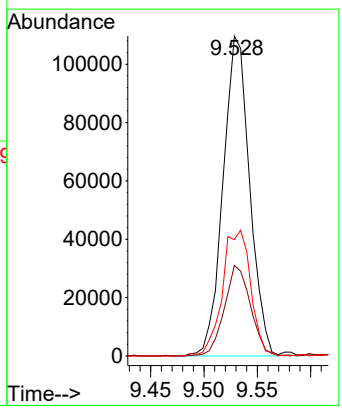


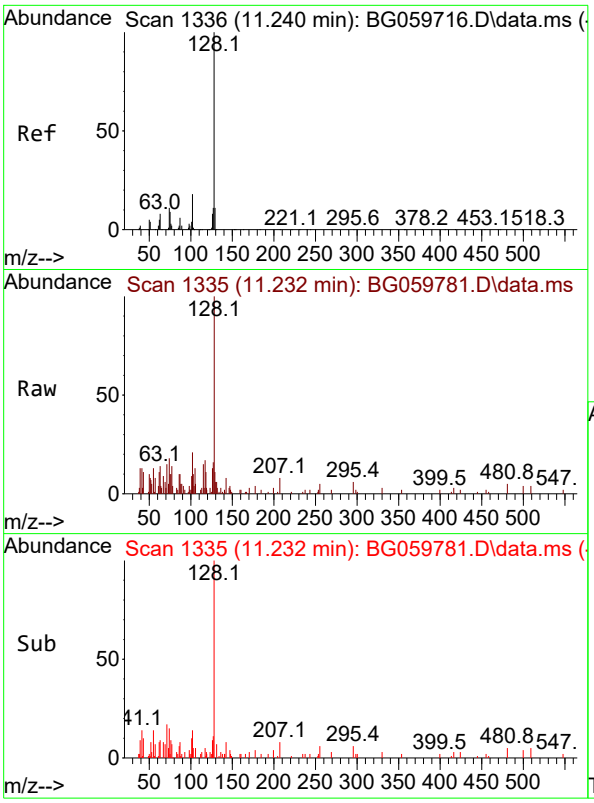


#23
Nitrobenzene-d5
Concen: 51.095 ng
RT: 9.528 min Scan# 1045
Delta R.T. -0.014 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion: 82 Resp: 190230

Ion	Ratio	Lower	Upper
82	100		
128	28.3	23.0	34.6
54	36.3	28.7	43.1



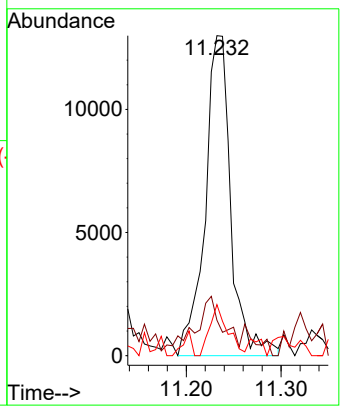


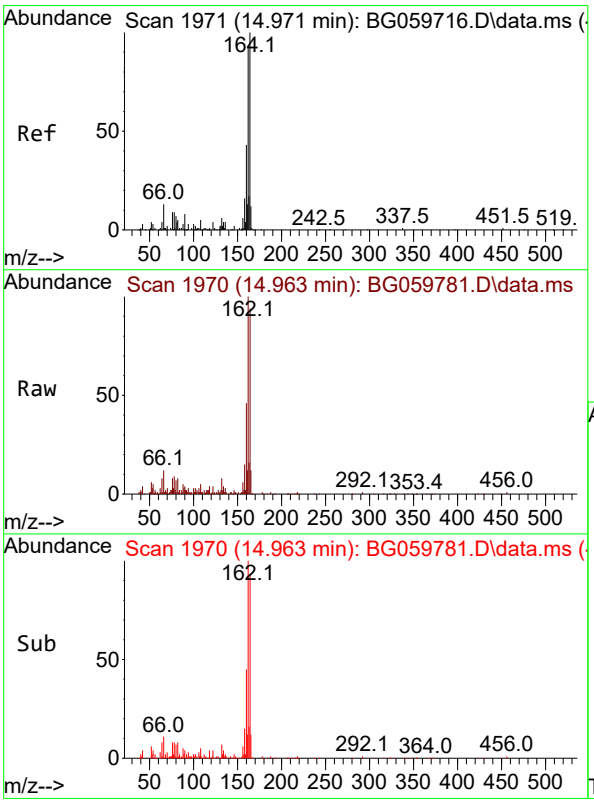
#31
Naphthalene
Concen: 3.419 ng
RT: 11.232 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:128 Resp: 24449

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	15.9	9.2	13.8#

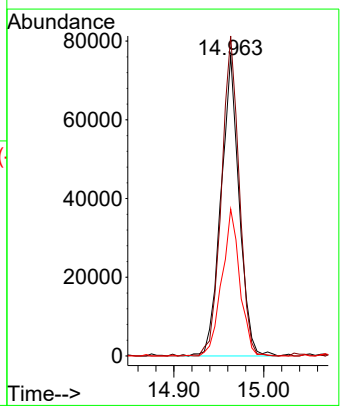


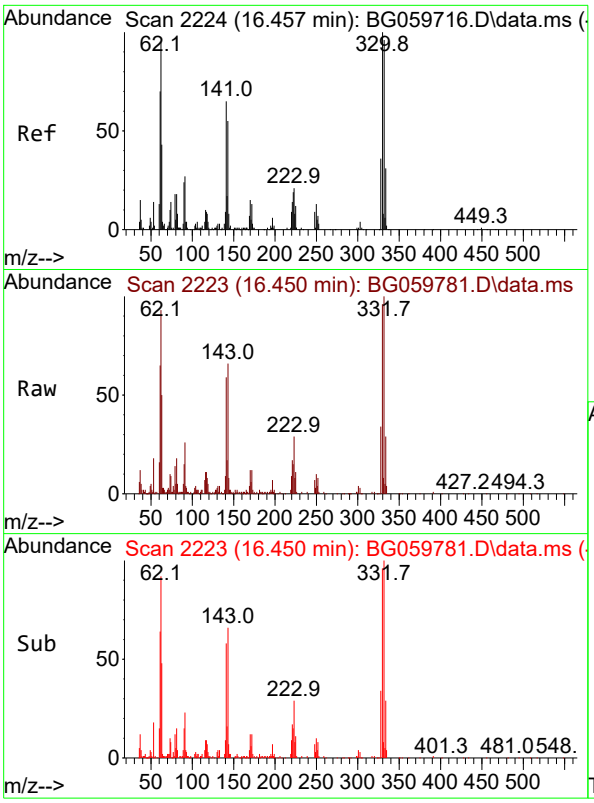


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:164 Resp: 107266

Ion	Ratio	Lower	Upper
164	100		
162	106.3	73.3	109.9
160	48.8	34.1	51.1



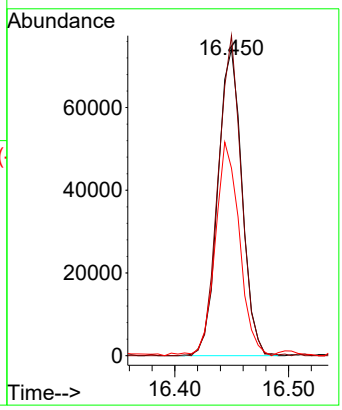


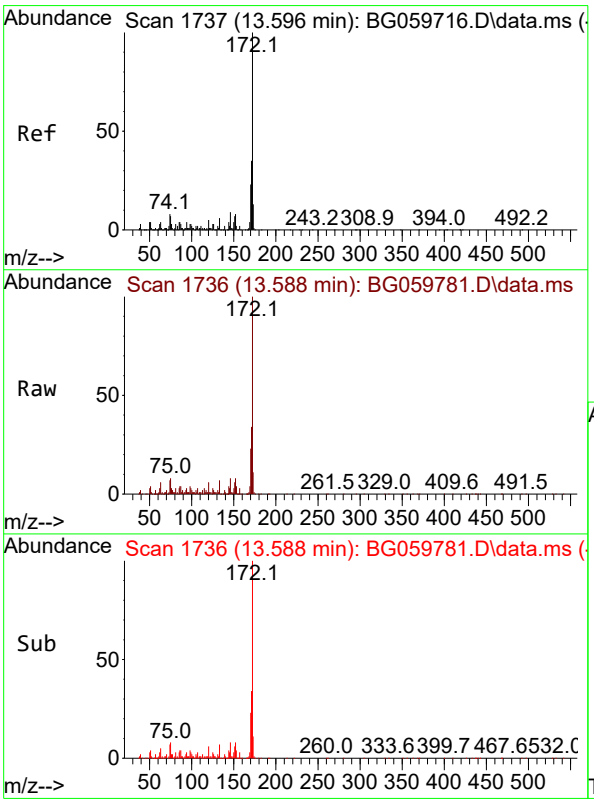
#42
2,4,6-Tribromophenol
Concen: 89.556 ng
RT: 16.450 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:330 Resp: 108996

Ion	Ratio	Lower	Upper
330	100		
332	101.4	73.3	109.9
141	70.0	52.1	78.1

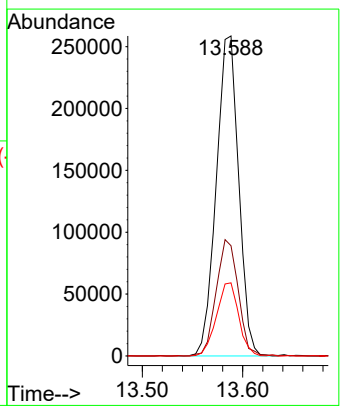


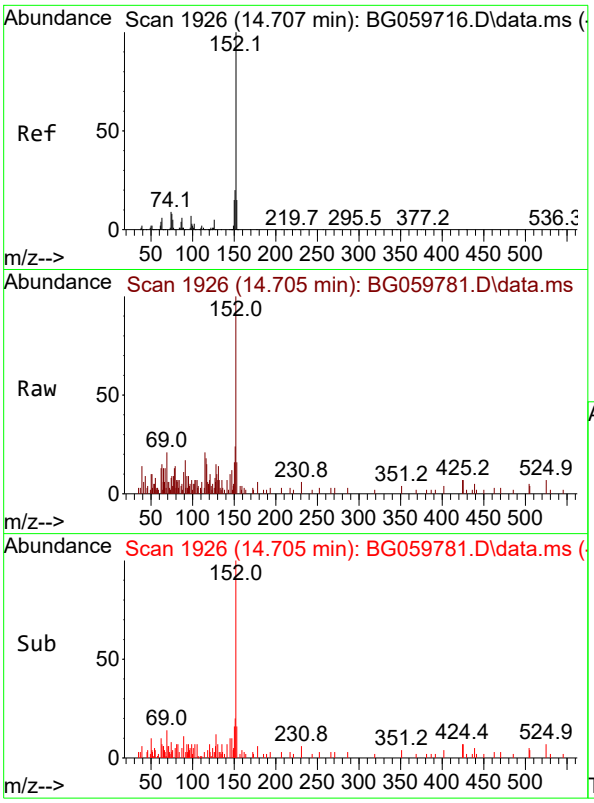


#45
2-Fluorobiphenyl
Concen: 50.235 ng
RT: 13.588 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:172 Resp: 400324

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.7	41.5
170	22.9	18.4	27.6



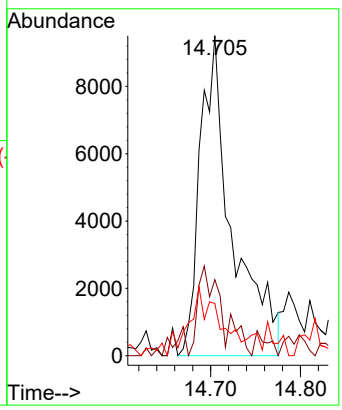


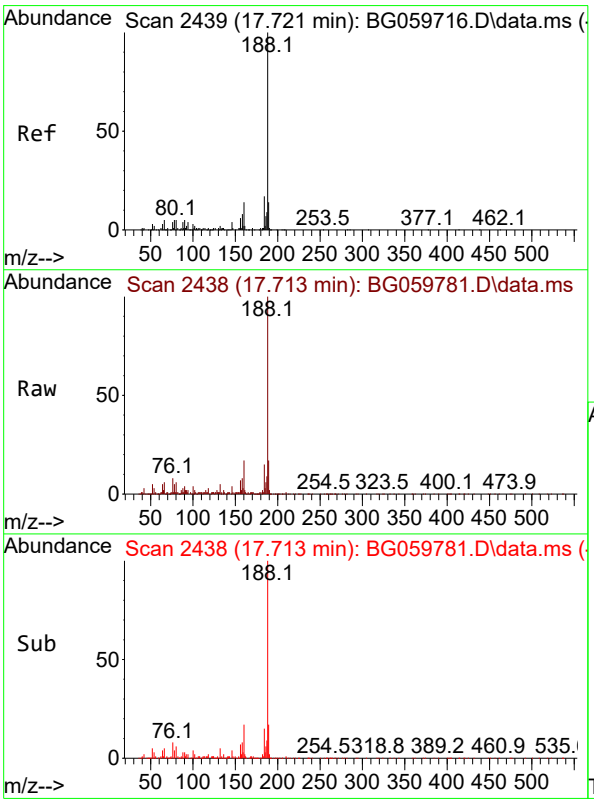
#49
Acenaphthylene
Concen: 2.386 ng
RT: 14.705 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:152 Resp: 23533

Ion	Ratio	Lower	Upper
152	100		
151	23.7	15.8	23.8
153	16.3	12.2	18.4

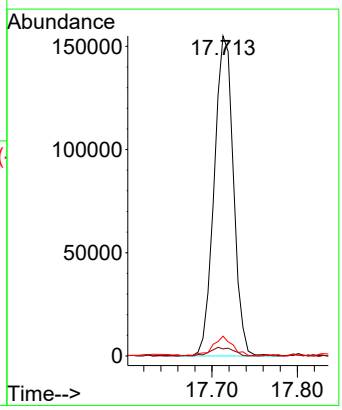


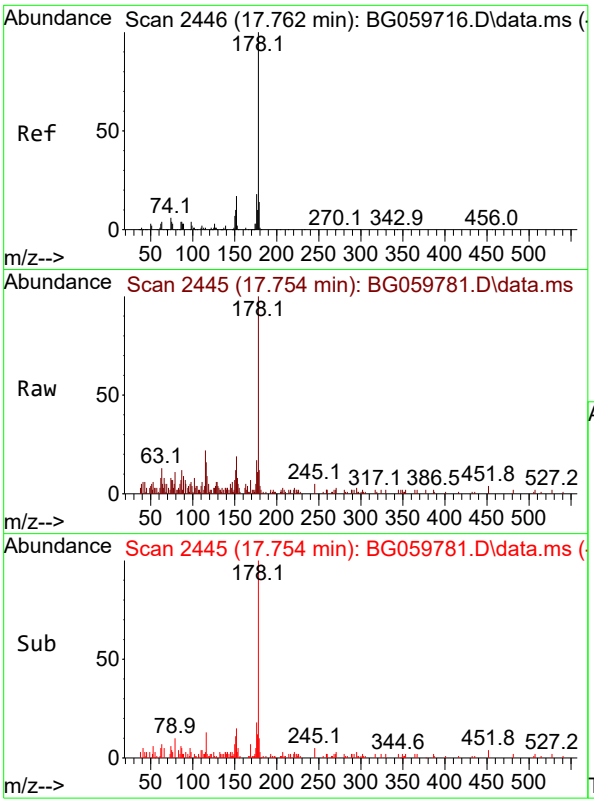


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2438
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:188 Resp: 242587

Ion	Ratio	Lower	Upper
188	100		
94	2.2	3.0	4.4#
80	6.2	4.2	6.4



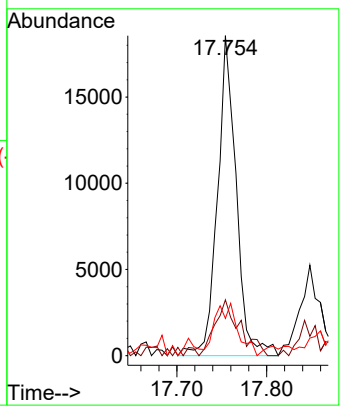


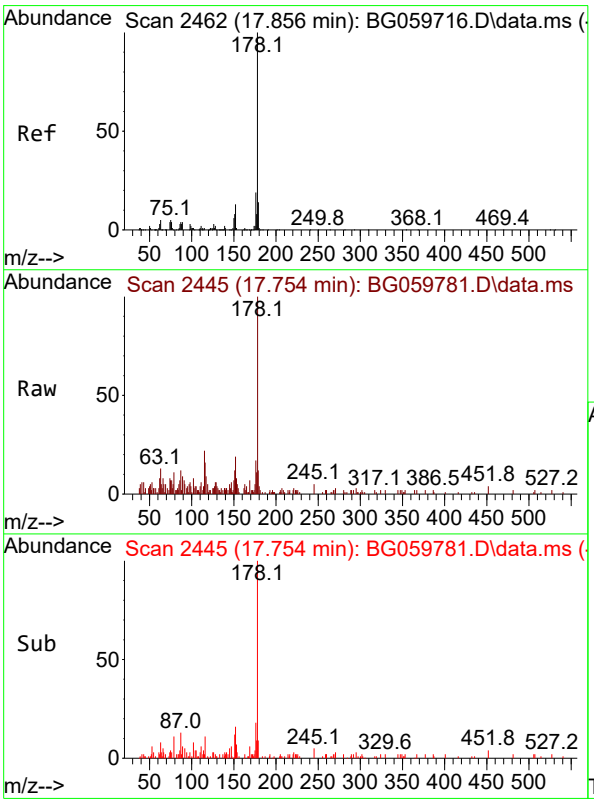
#71
Phenanthrene
Concen: 2.188 ng
RT: 17.754 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:178 Resp: 26981

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.5	21.7
179	11.7	11.2	16.8

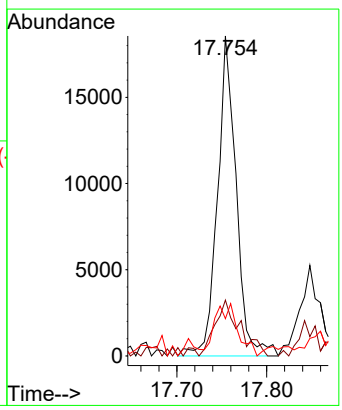


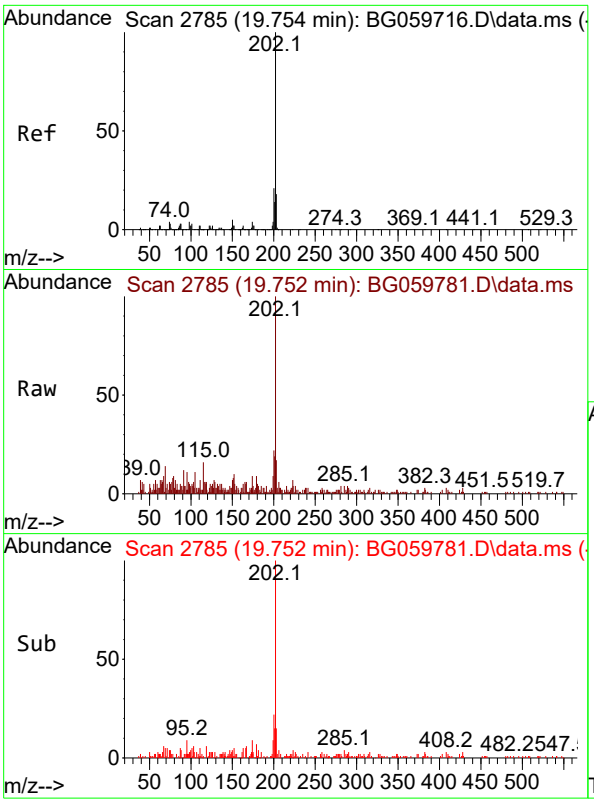


#72
Anthracene
Concen: 2.105 ng
RT: 17.754 min Scan# 2445
Delta R.T. -0.102 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:178 Resp: 26981

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.0	22.4
179	11.7	11.5	17.3



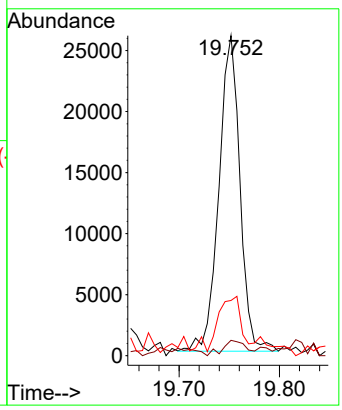


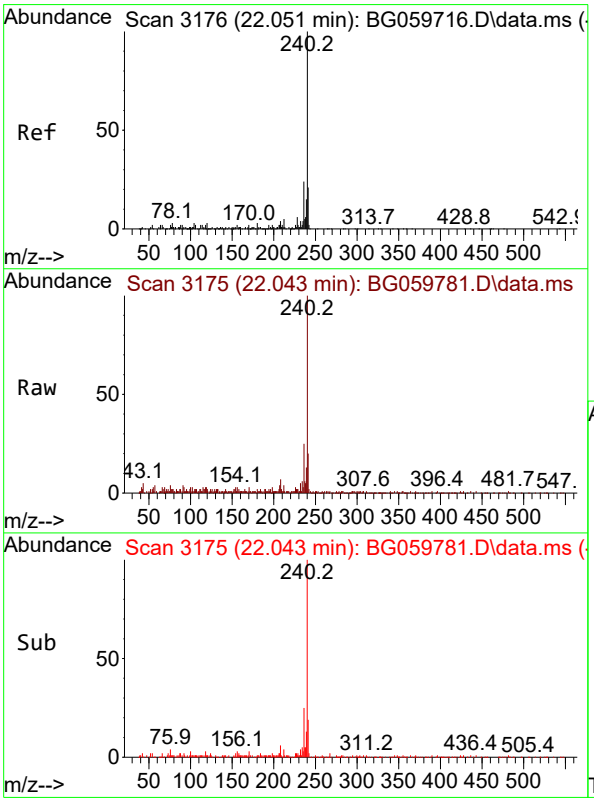
#75
Fluoranthene
Concen: 2.548 ng
RT: 19.752 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:202 Resp: 37688

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	22.7
203	17.3	0.0	38.2

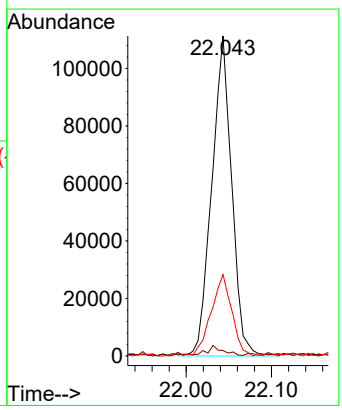


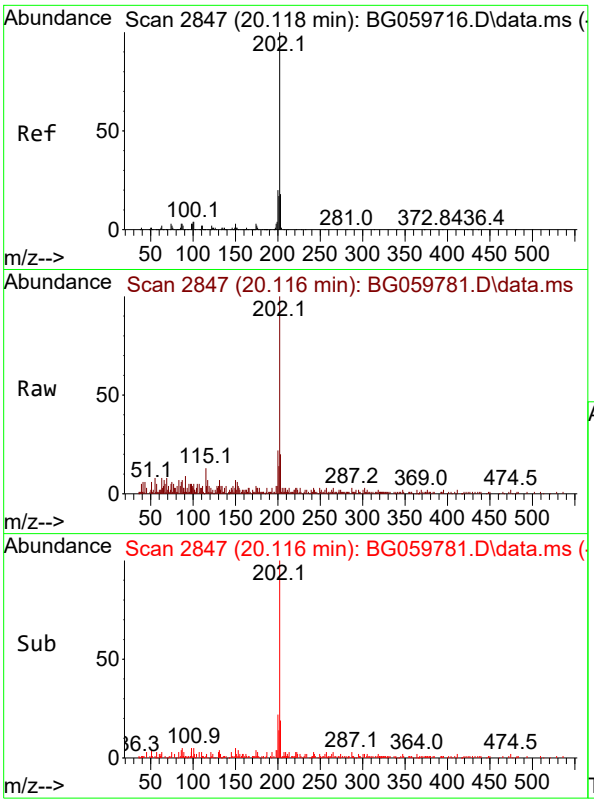


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:240 Resp: 180435

Ion	Ratio	Lower	Upper
240	100		
120	1.7	2.2	3.2#
236	25.5	19.4	29.2



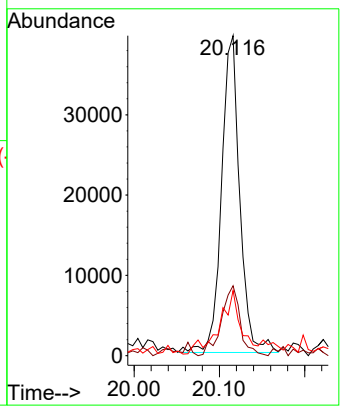


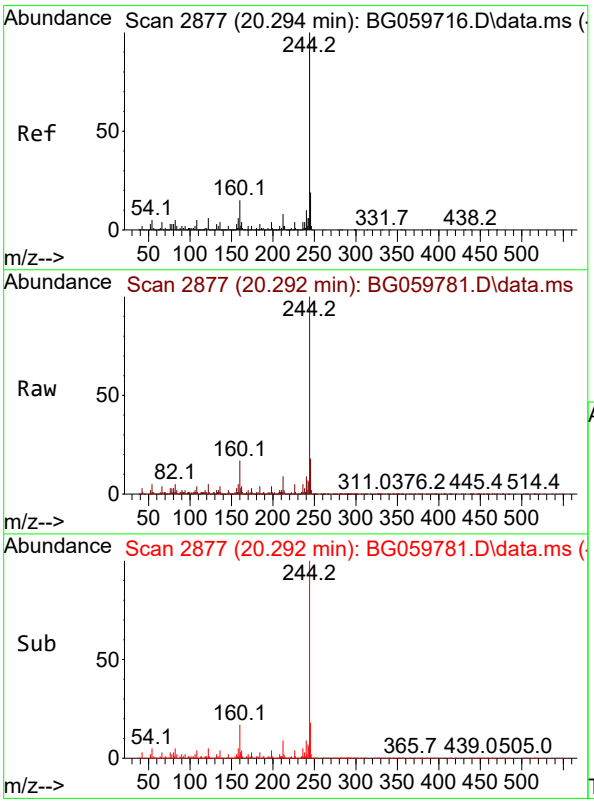
#78
Pyrene
Concen: 4.791 ng
RT: 20.116 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:202 Resp: 58816

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.2	24.4
203	20.3	14.0	21.0

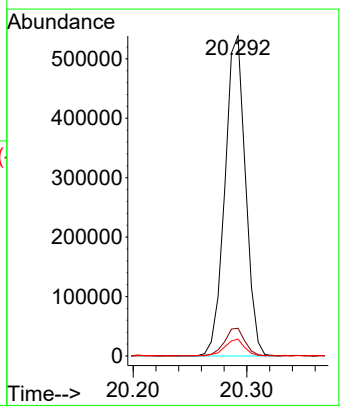


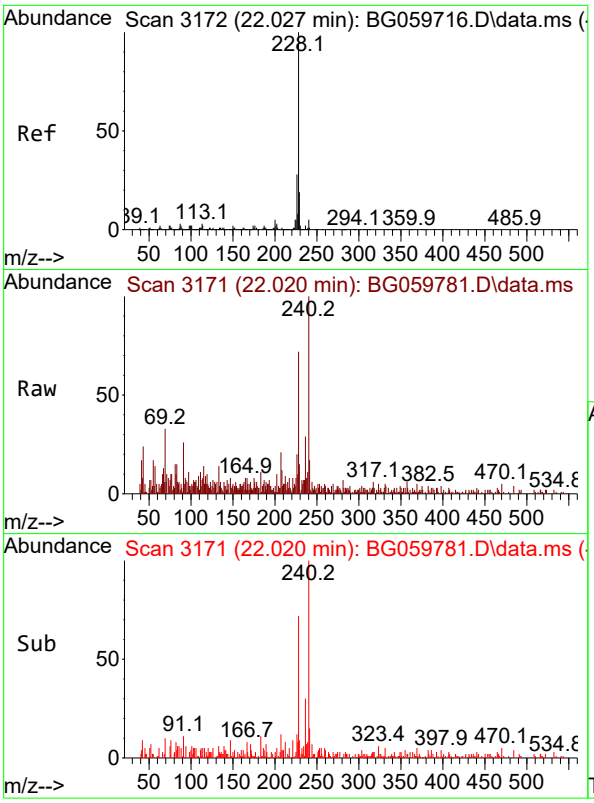


#79
Terphenyl-d14
Concen: 55.497 ng
RT: 20.292 min Scan# 2877
Delta R.T. -0.002 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:244 Resp: 678313

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	5.2	4.4	6.6



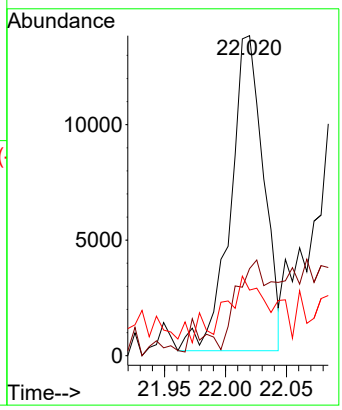


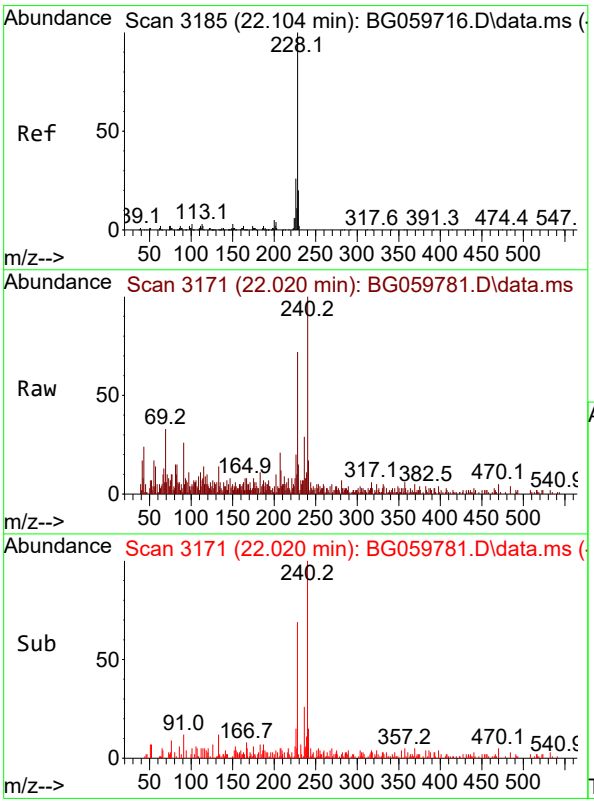
#81
Benzo(a)anthracene
Concen: 2.102 ng
RT: 22.020 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:228 Resp: 25949

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.5	14.9	22.3

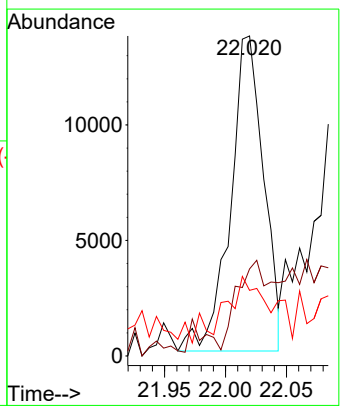


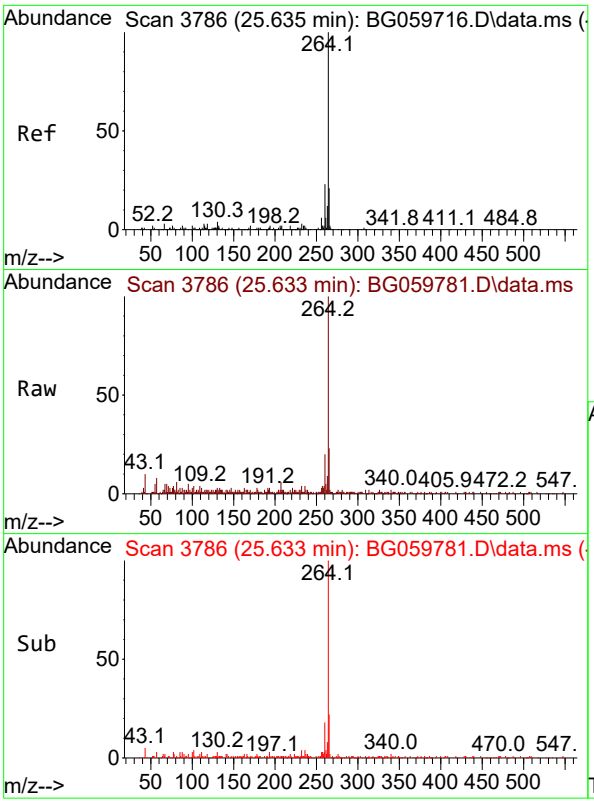


#83
Chrysene
Concen: 2.293 ng
RT: 22.020 min Scan# 3171
Delta R.T. -0.084 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:228 Resp: 25949

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.1	31.7
229	20.5	16.2	24.4



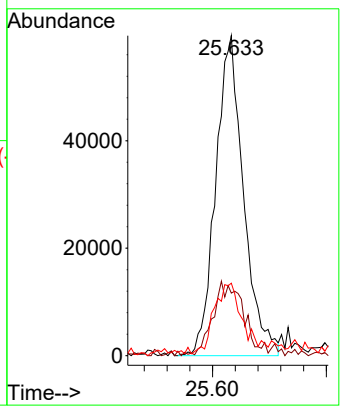


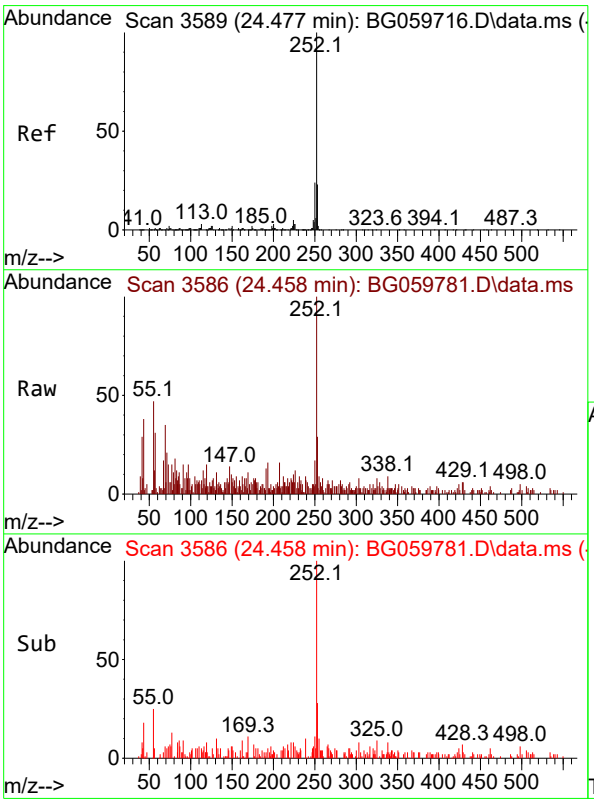
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.633 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:264 Resp: 202733

Ion	Ratio	Lower	Upper
264	100		
260	19.5	18.5	27.7
265	22.6	17.0	25.6

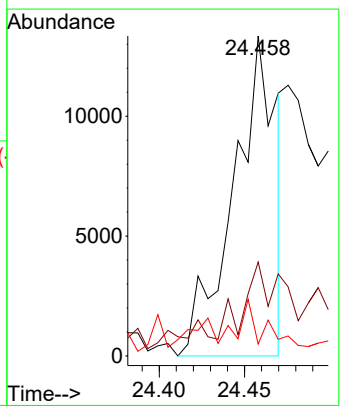


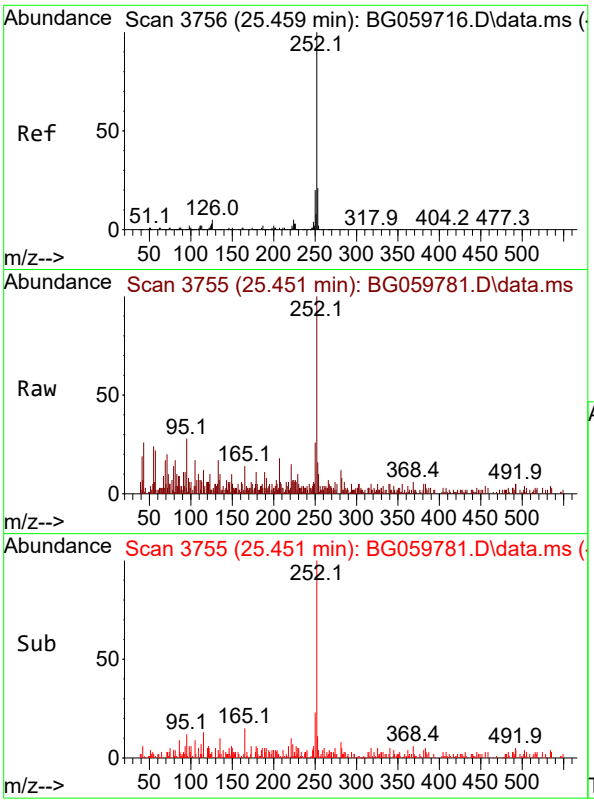


#88
Benzo(b)fluoranthene
Concen: 2.079 ng
RT: 24.458 min Scan# 3586
Delta R.T. -0.019 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Tgt Ion:252 Resp: 23102

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.3	27.5#
125	3.7	1.4	2.0#





#90
Benzo(a)pyrene
Concen: 3.900 ng
RT: 25.451 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG059781.D
Acq: 20 Nov 2023 23:11

Instrument :
BNA_G
ClientSampleId :
223

Tgt Ion:252 Resp: 46245

Ion	Ratio	Lower	Upper
252	100		
253	16.0	16.8	25.2#
125	2.5	2.0	3.0