Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059763.D
Acq On : 18 Nov 2023 13:52
Operator : MA/JU
Sample : 05384-01 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 20 04:43:09 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	8.344	152	28990	20.000	ng		0.00
21) Naphthalene-d8	11.193	136	119622	20.000	ng	#	0.00
39) Acenaphthene-d10	14.971	164	124013	20.000	ng		0.00
64) Phenanthrene-d10	17.721	188	235075	20.000	ng	#	0.00
76) Chrysene-d12	22.051	240	182975	20.000	ng		0.00
86) Perylene-d12	25.647	264	183967	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.835	112	28476	16.533	ng		0.00
7) Phenol-d6	7.457	99	46788	18.331	ng		0.00
23) Nitrobenzene-d5	9.542	82	42176	13.466	ng		0.00
42) 2,4,6-Tribromophenol	16.458	330	28185	20.031	ng		0.00
45) 2-Fluorobiphenyl	13.596	172	129776	14.086	ng		0.00
79) Terphenyl-d14	20.294	244	167887	13.545	ng		0.00
Target Compounds							Qvalue
51) 2,6-Dinitrotoluene	14.971	165	15698	8.610	ng	#	2
71) Phenanthrene	17.762	178	29734	2.488	ng	#	90
75) Fluoranthene	19.760	202	55324	3.860	ng		94
78) Pyrene	20.124	202	61789	4.963	ng		97
81) Benzo(a)anthracene	22.104	228	29459	2.353	ng		93
83) Chrysene	22.104	228	29459	2.567	ng	#	92
90) Benzo(a)pyrene	25.471	252	32754	3.044	ng	#	77

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
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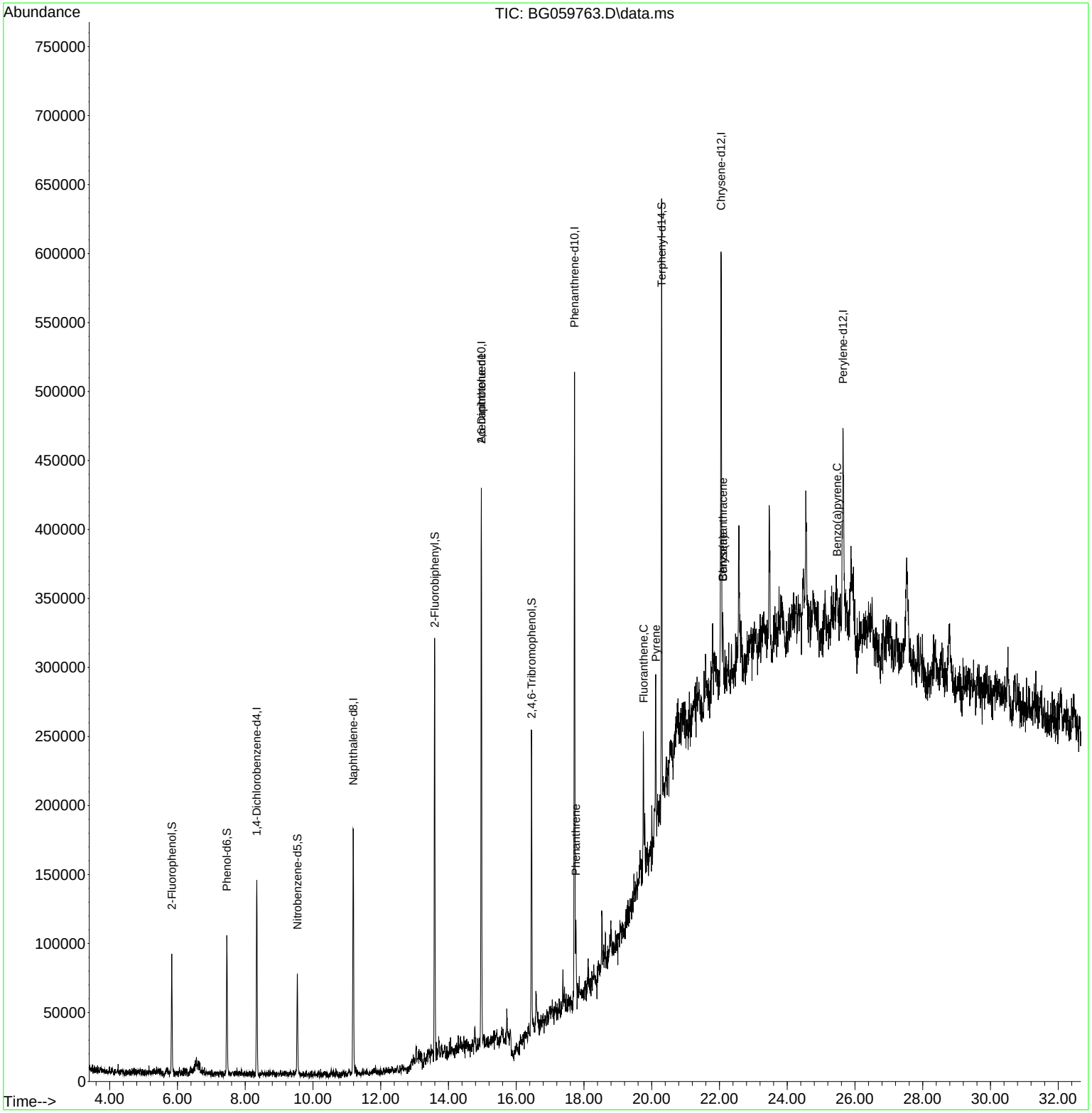
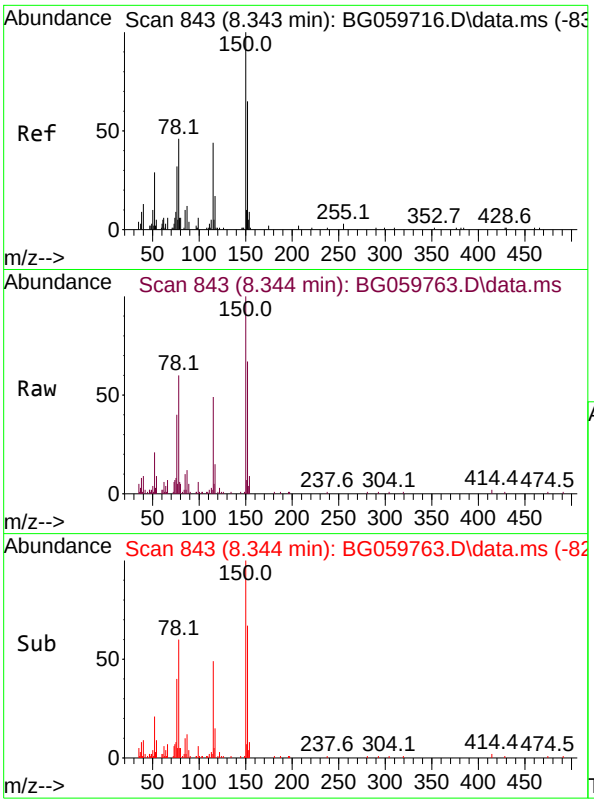


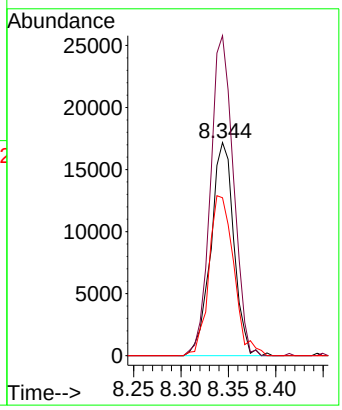


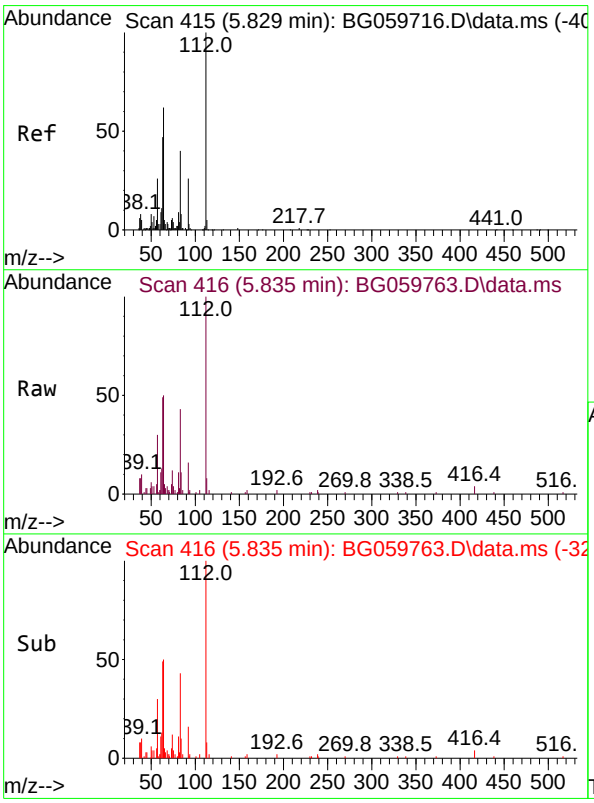
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28990

Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.2	183.4
115	74.1	54.2	81.4

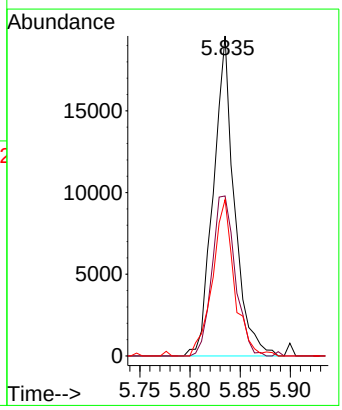


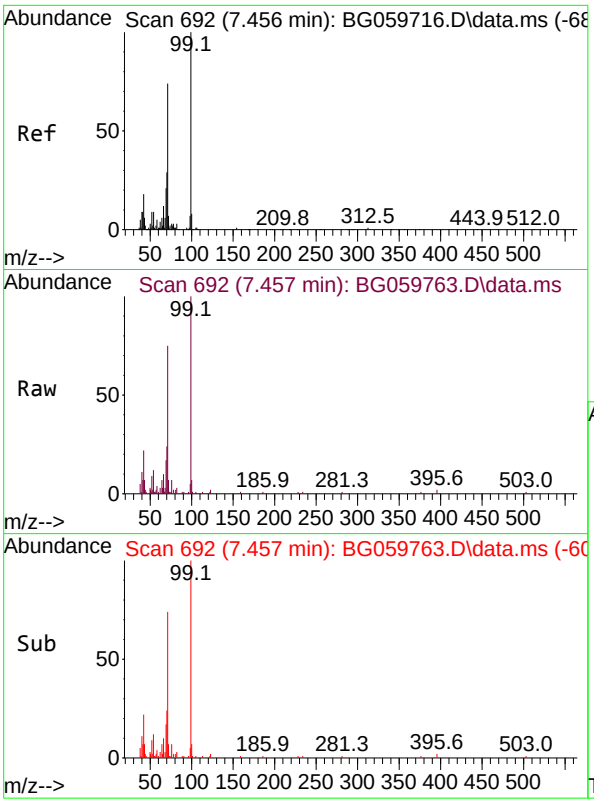


#5
2-Fluorophenol
Concen: 16.533 ng
RT: 5.835 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:112 Resp: 28476

Ion	Ratio	Lower	Upper
112	100		
64	50.0	49.5	74.3
63	48.9	37.4	56.2



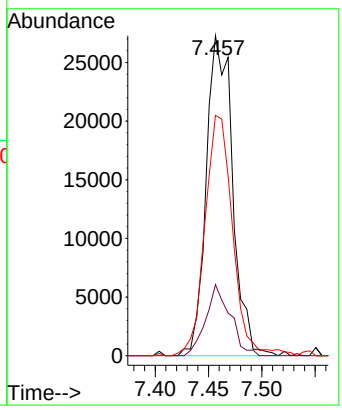


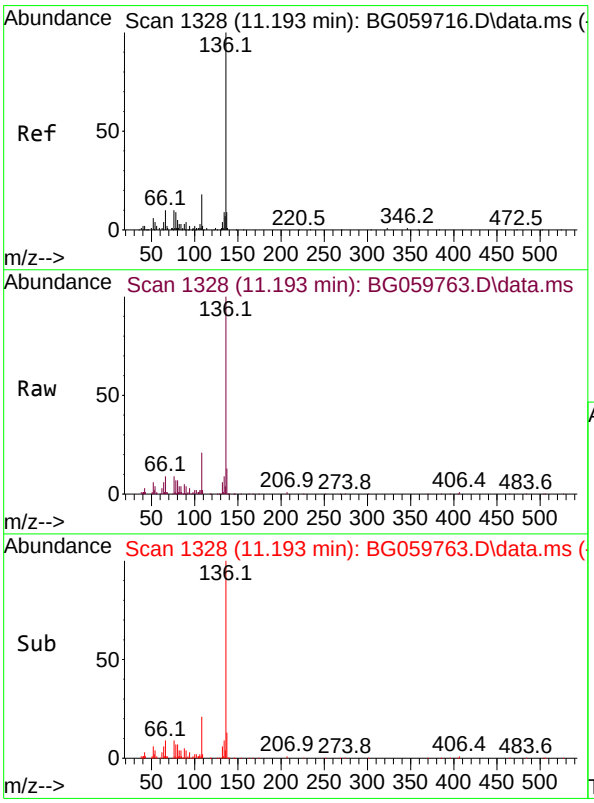
#7
Phenol-d6
Concen: 18.331 ng
RT: 7.457 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 46788

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.3	21.5#
71	75.1	59.3	88.9

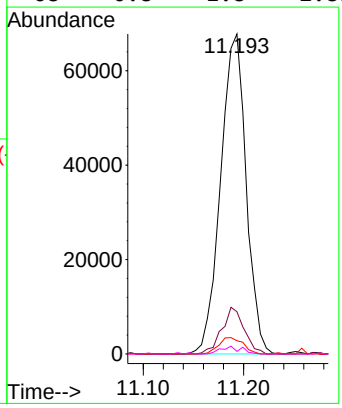


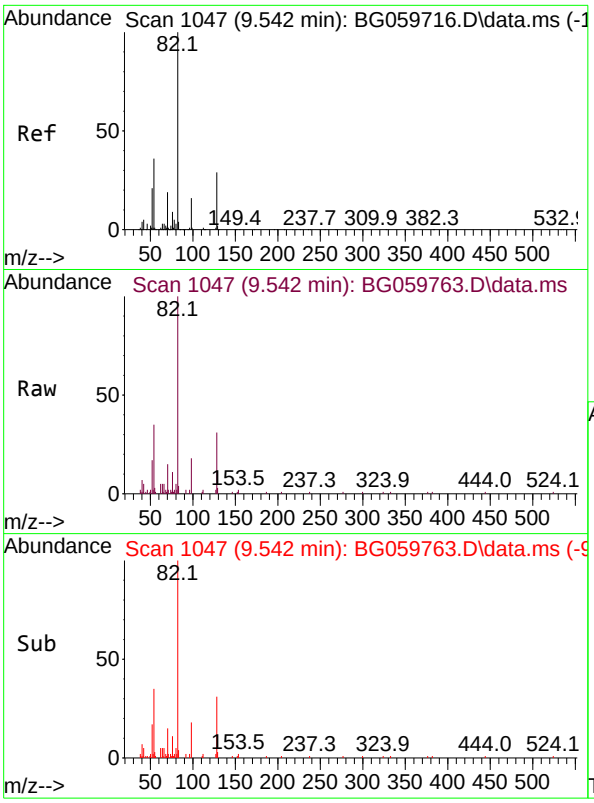


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:136 Resp: 119622

Ion	Ratio	Lower	Upper
136	100		
137	13.2	7.4	11.0#
54	4.1	3.1	4.7
68	0.8	1.8	2.8#



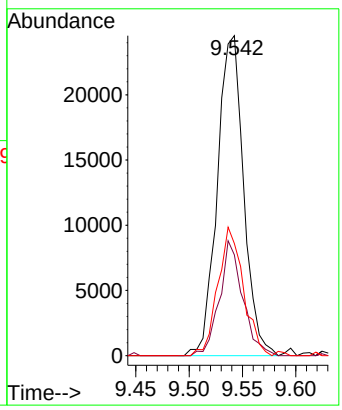


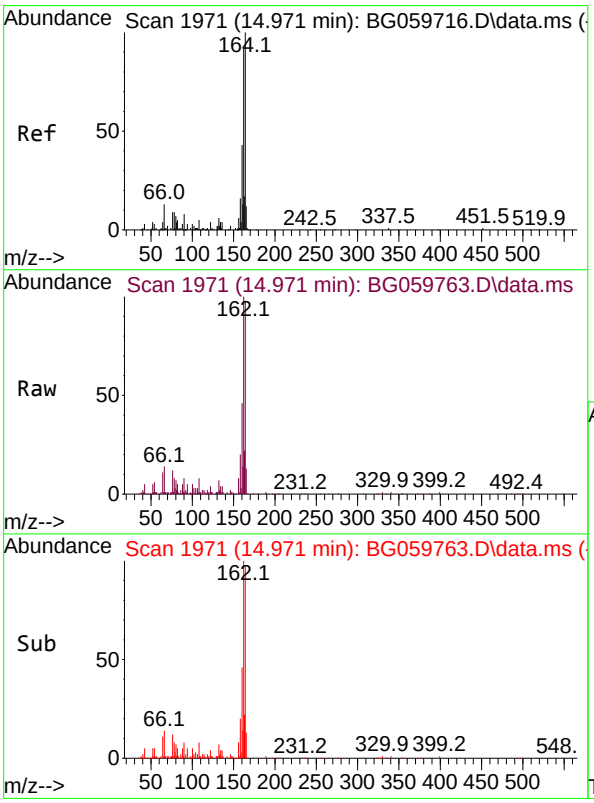
#23
Nitrobenzene-d5
Concen: 13.466 ng
RT: 9.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 42176

Ion	Ratio	Lower	Upper
82	100		
128	31.5	23.0	34.6
54	35.1	28.7	43.1

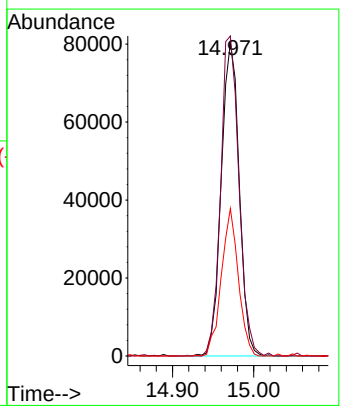


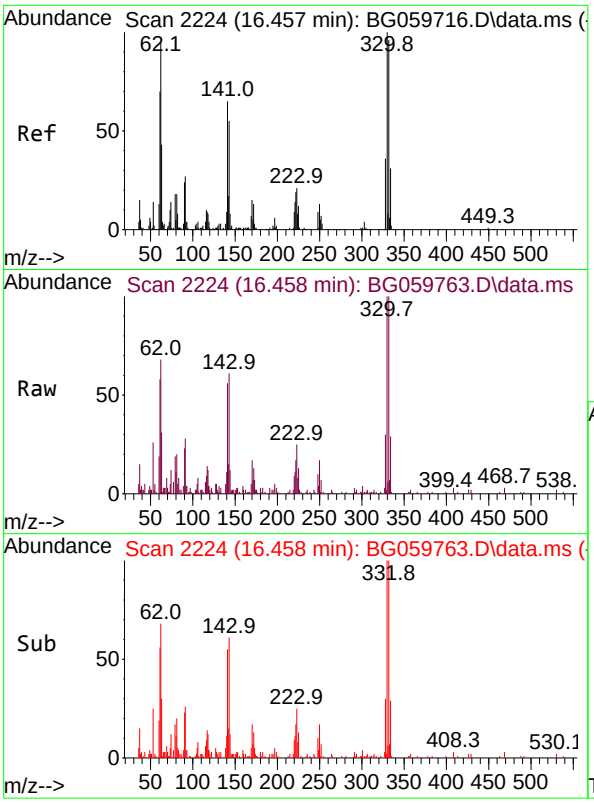


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:164 Resp: 124013

Ion	Ratio	Lower	Upper
164	100		
162	102.1	73.3	109.9
160	47.0	34.1	51.1



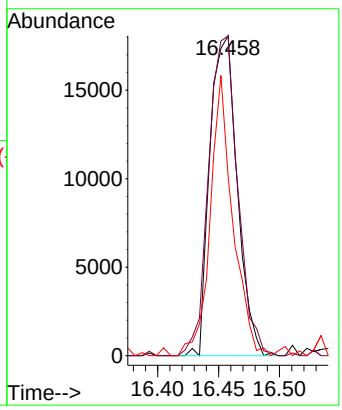


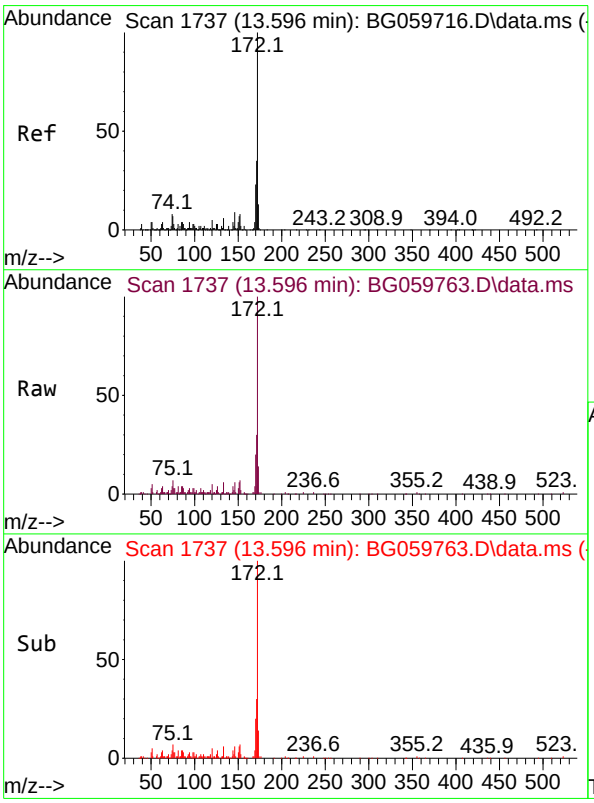
#42
2,4,6-Tribromophenol
Concen: 20.031 ng
RT: 16.458 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 28185

Ion	Ratio	Lower	Upper
330	100		
332	106.5	73.3	109.9
141	72.3	52.1	78.1

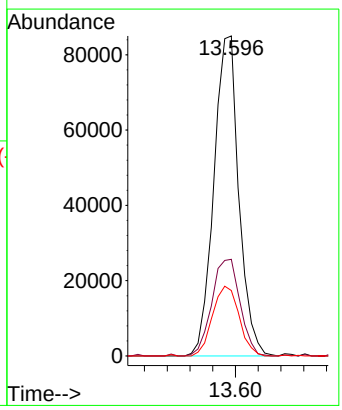


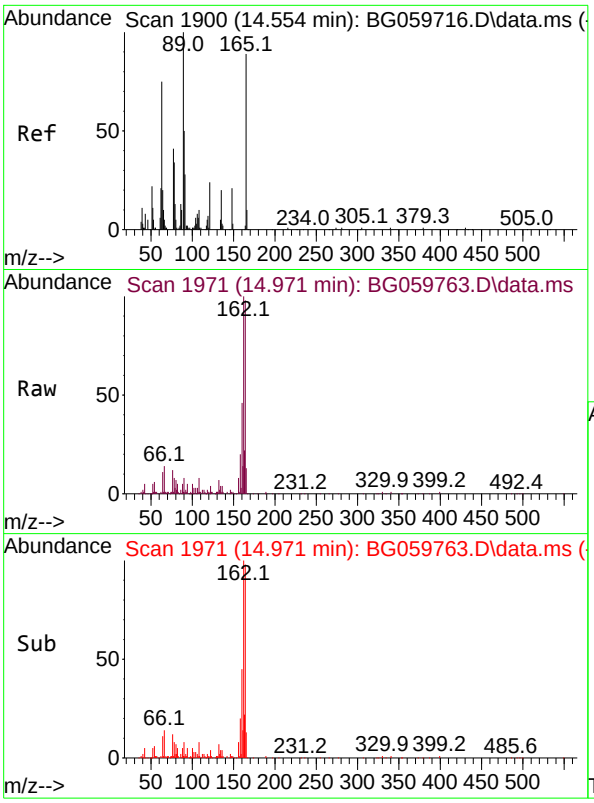


#45
2-Fluorobiphenyl
Concen: 14.086 ng
RT: 13.596 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:172 Resp: 129776

Ion	Ratio	Lower	Upper
172	100		
171	30.2	27.7	41.5
170	20.5	18.4	27.6



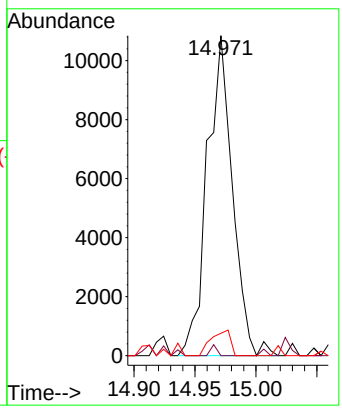


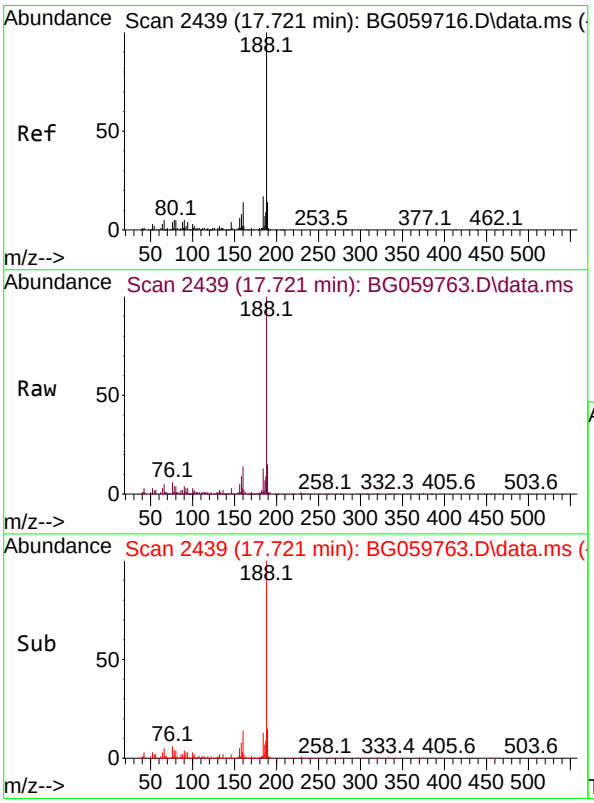
#51
2,6-Dinitrotoluene
Concen: 8.610 ng
RT: 14.971 min Scan# 1
Delta R.T. 0.417 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	75.3	112.9#
89	7.0	90.9	136.3#

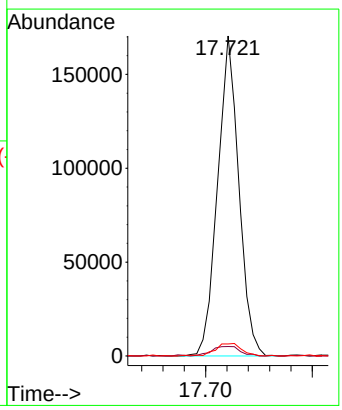


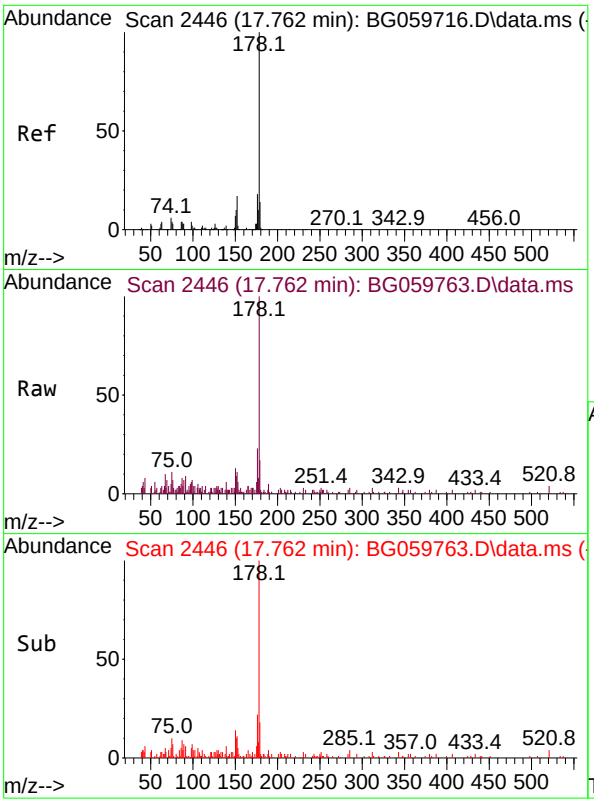


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:188 Resp: 235075

Ion	Ratio	Lower	Upper
188	100		
94	3.0	3.0	4.4
80	3.8	4.2	6.4#



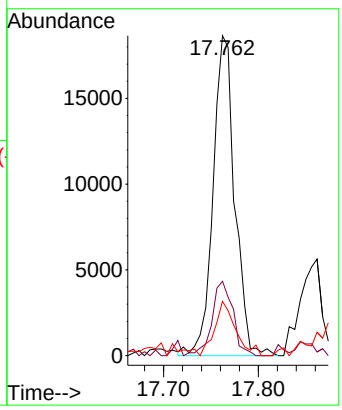


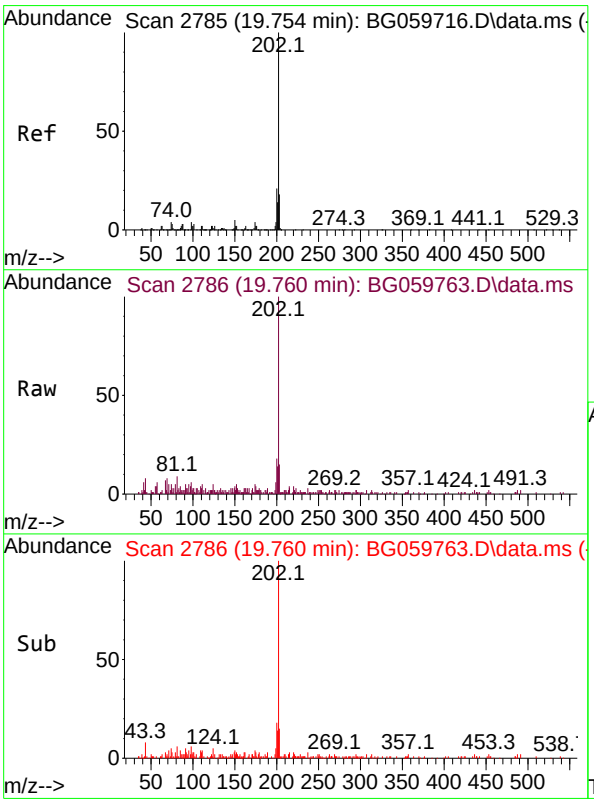
#71
Phenanthrene
Concen: 2.488 ng
RT: 17.762 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 29734

Ion	Ratio	Lower	Upper
178	100		
176	23.2	14.5	21.7#
179	17.0	11.2	16.8#

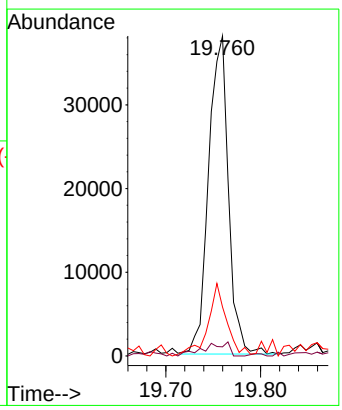


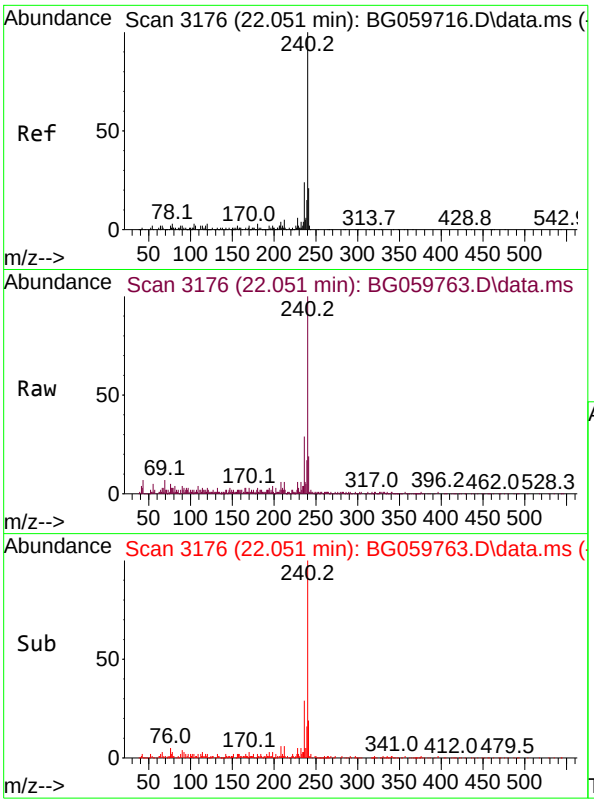


#75
Fluoranthene
Concen: 3.860 ng
RT: 19.760 min Scan# 2786
Delta R.T. 0.006 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:202 Resp: 55324

Ion	Ratio	Lower	Upper
202	100		
101	2.9	0.0	22.7
203	15.3	0.0	38.2



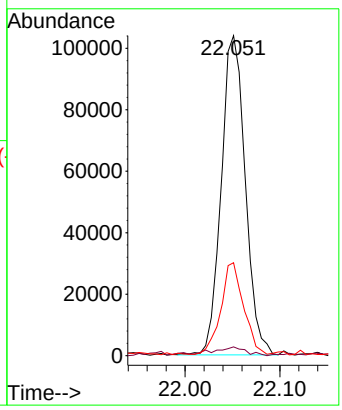


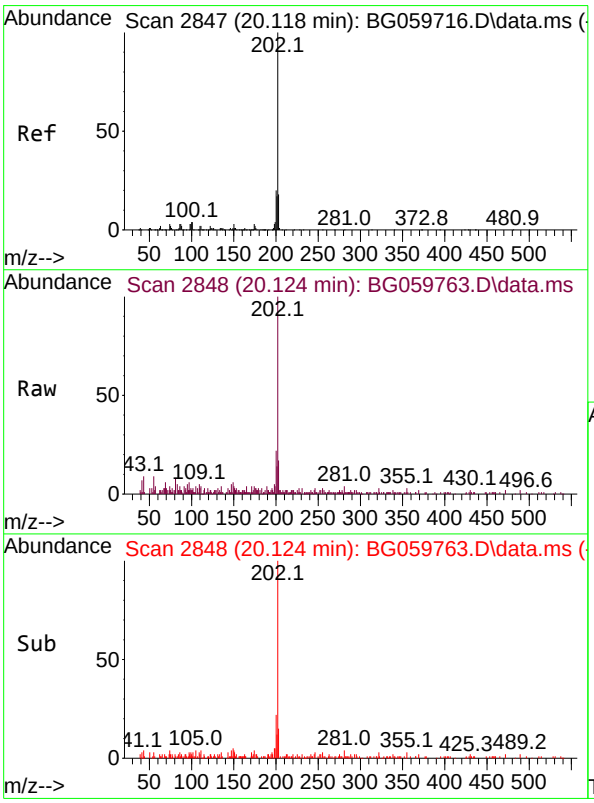
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 182975

Ion	Ratio	Lower	Upper
240	100		
120	2.7	2.2	3.2
236	29.1	19.4	29.2

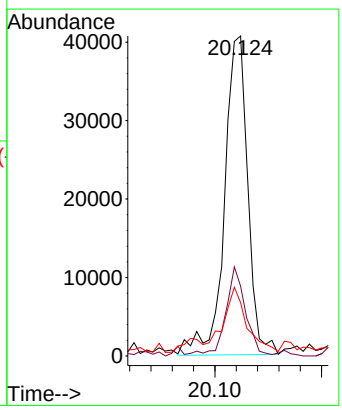


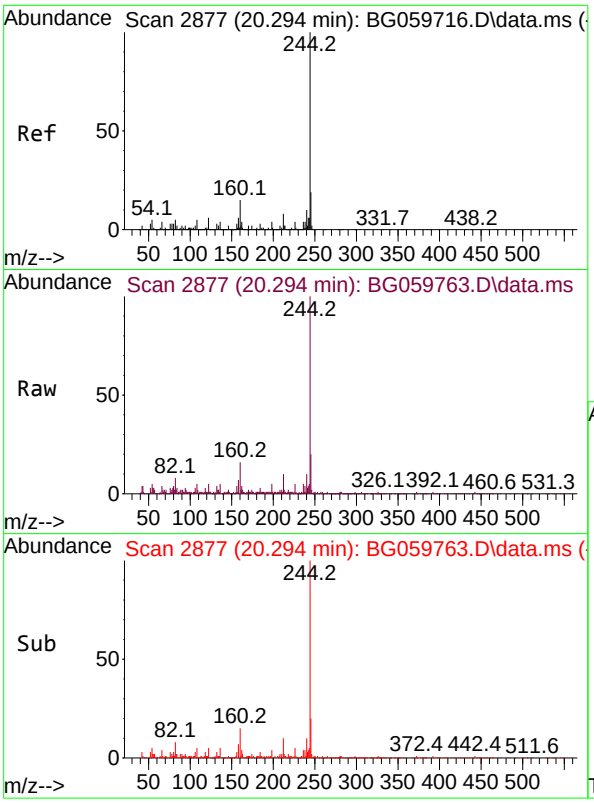


#78
Pyrene
Concen: 4.963 ng
RT: 20.124 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:202 Resp: 61789

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.2	24.4
203	16.6	14.0	21.0



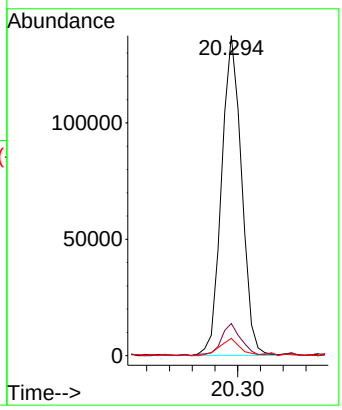


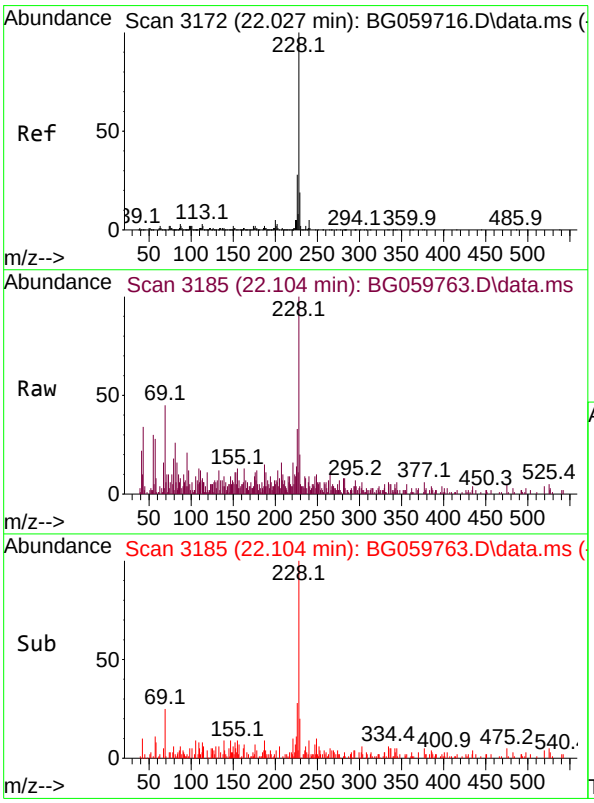
#79
Terphenyl-d14
Concen: 13.545 ng
RT: 20.294 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 167887

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.6	10.0#
122	5.4	4.4	6.6

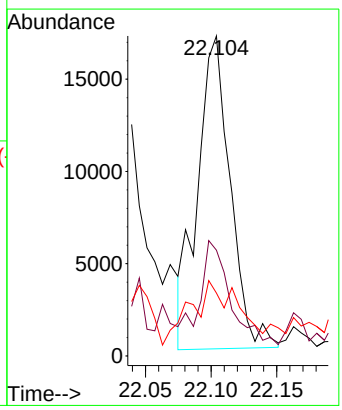


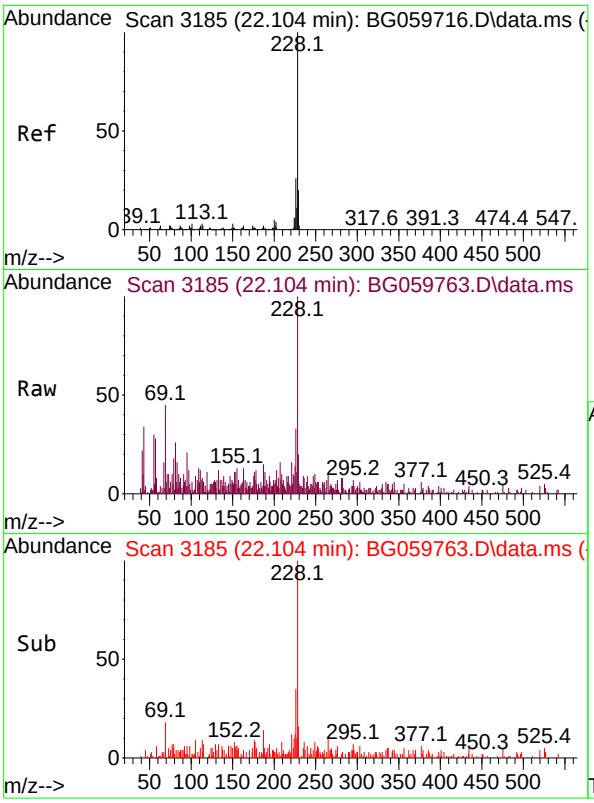


#81
Benzo(a)anthracene
Concen: 2.353 ng
RT: 22.104 min Scan# 3185
Delta R.T. 0.077 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:228 Resp: 29459

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.1	33.1
229	19.7	14.9	22.3



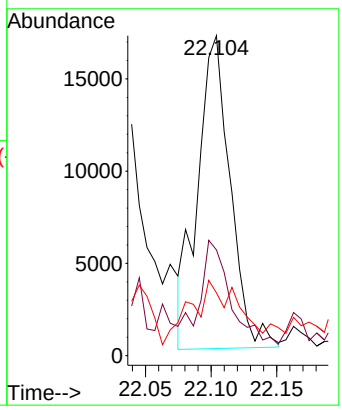


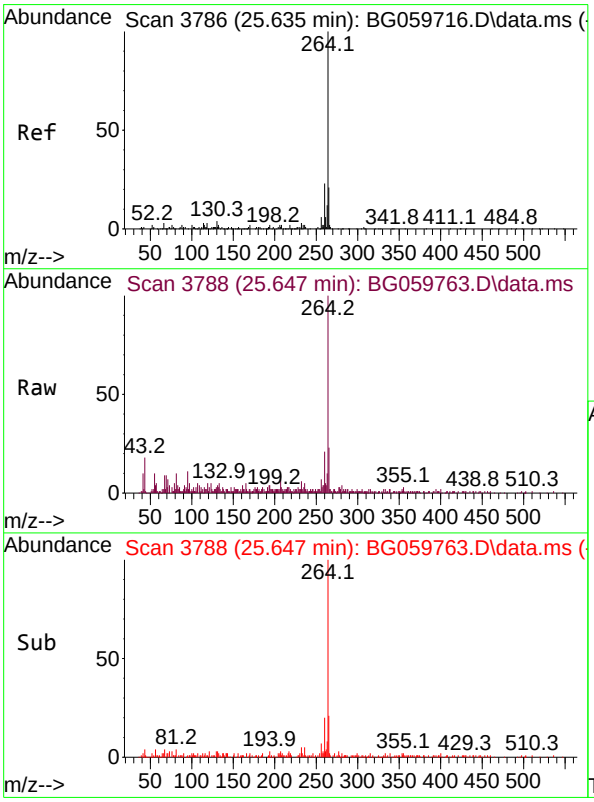
#83
Chrysene
Concen: 2.567 ng
RT: 22.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 29459

Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.1	31.7#
229	19.7	16.2	24.4

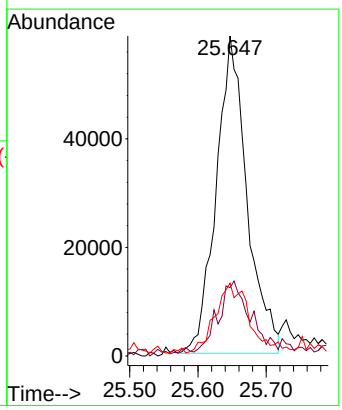


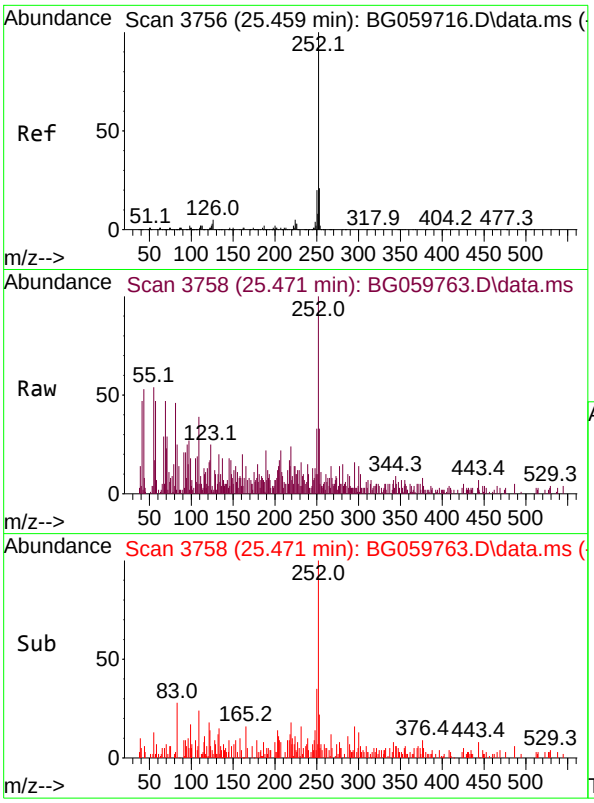


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.647 min Scan# 3788
Delta R.T. 0.012 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:264 Resp: 183967

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.5	27.7
265	22.8	17.0	25.6





#90
Benzo(a)pyrene
Concen: 3.044 ng
RT: 25.471 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 32754

Ion	Ratio	Lower	Upper
252	100		
253	32.7	16.8	25.2#
125	3.7	2.0	3.0#