Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
Data File : BG056036.D
Acq On : 20 Dec 2022 19:10
Operator : CG/JU
Sample : N6129-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D8

Quant Time: Dec 21 02:40:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.370	152	12006	20.000	ng		0.00
21) Naphthalene-d8	11.202	136	44729	20.000	ng	#	0.00
39) Acenaphthene-d10	14.974	164	33655	20.000	ng		0.00
64) Phenanthrene-d10	17.712	188	86030	20.000	ng		0.00
76) Chrysene-d12	22.019	240	88152	20.000	ng		0.00
86) Perylene-d12	25.509	264	96225	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.885	112	49377	96.450	ng		0.00
7) Phenol-d6	7.500	99	61968	94.115	ng		0.00
23) Nitrobenzene-d5	9.539	82	42255	66.017	ng		0.00
42) 2,4,6-Tribromophenol	16.455	330	76984	94.864	ng		0.00
45) 2-Fluorobiphenyl	13.605	172	151047	62.945	ng		0.00
79) Terphenyl-d14	20.285	244	294394	59.024	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.753	178	14901	3.305	ng		97
75) Fluoranthene	19.739	202	40569	6.426	ng		97
78) Pyrene	20.103	202	42521	7.971	ng		97
81) Benzo(a)anthracene	21.995	228	25106	4.047	ng		96
83) Chrysene	22.066	228	25631	4.409	ng		97
88) Benzo(b)fluoranthene	24.392	252	25453	4.087	ng	#	82
90) Benzo(a)pyrene	25.344	252	16357	3.107	ng	#	94

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

Quantitation Report (LSC Reviewed)

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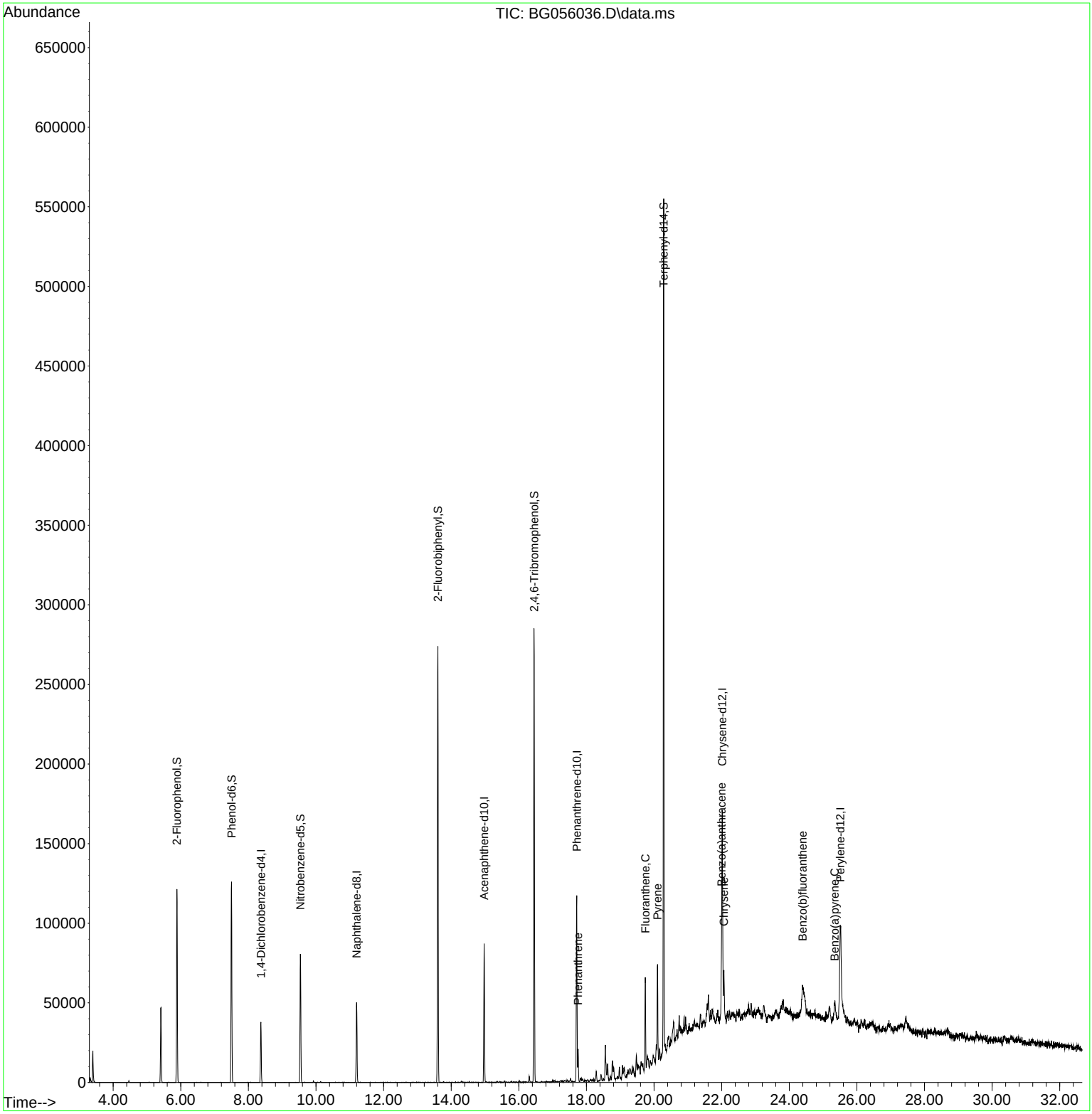
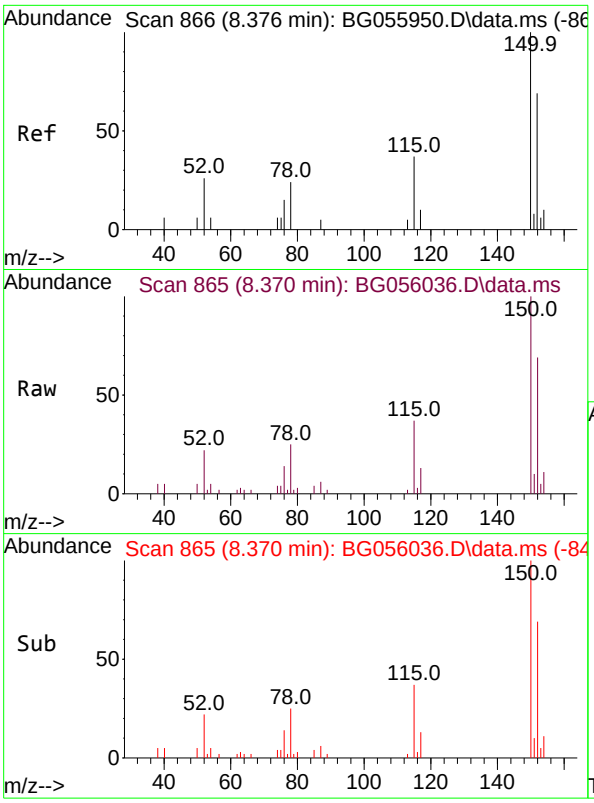


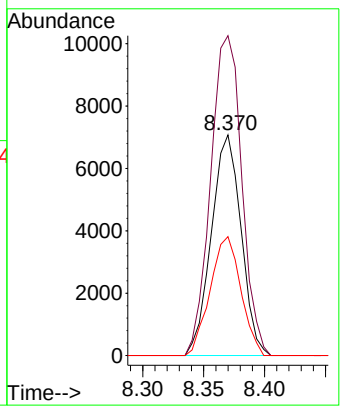


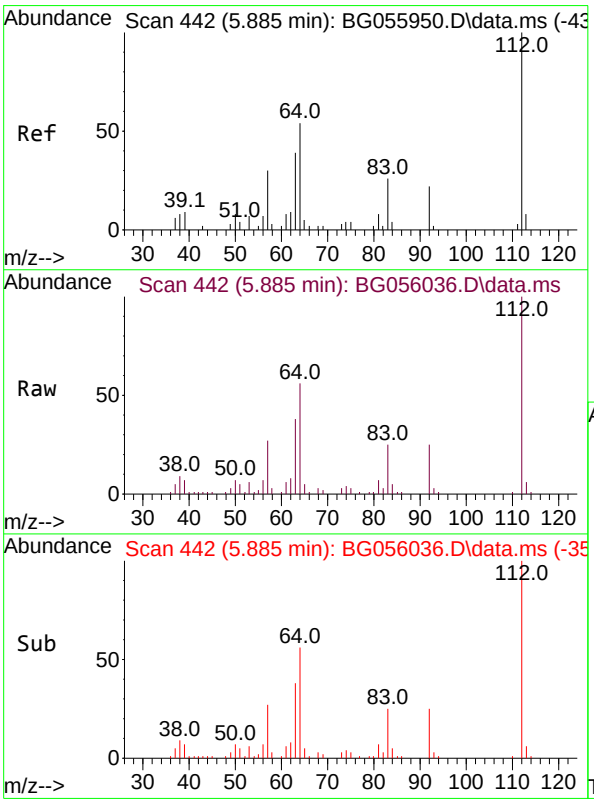
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 8
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:152 Resp: 12006

Ion	Ratio	Lower	Upper
152	100		
150	145.0	115.7	173.5
115	53.9	43.0	64.4

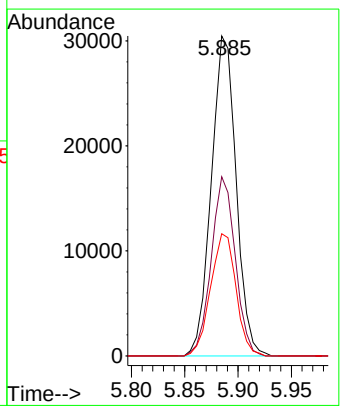


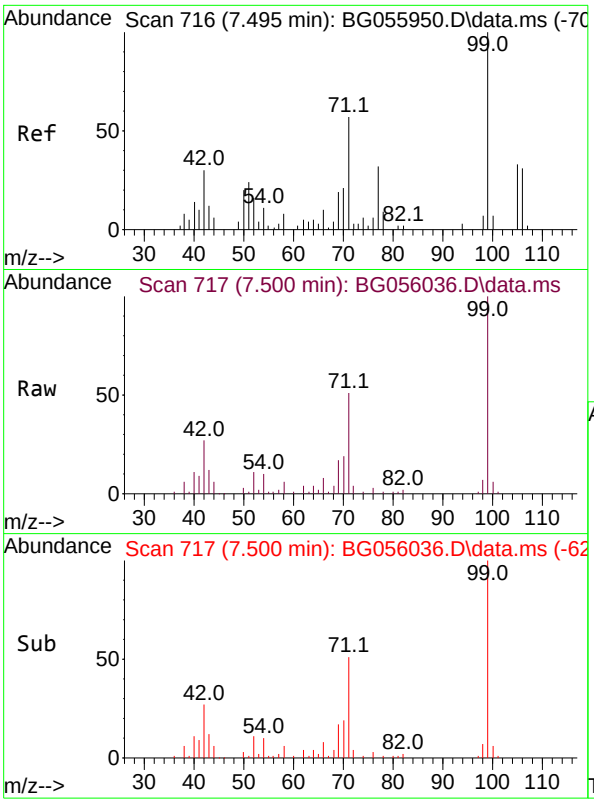


#5
2-Fluorophenol
Concen: 96.450 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:112 Resp: 49377

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.0	64.4
63	38.2	31.4	47.2



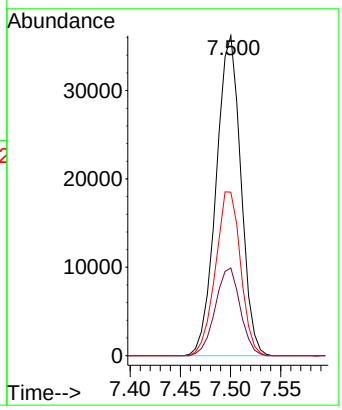


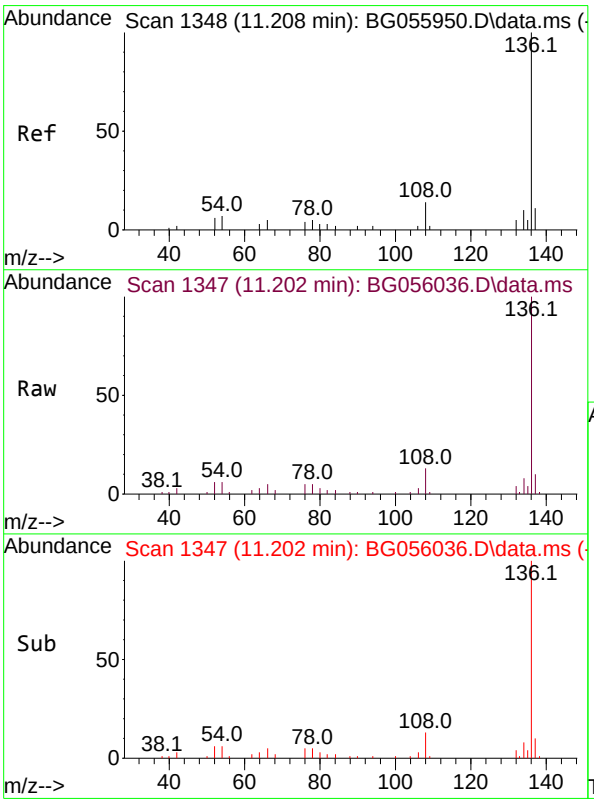
#7
Phenol-d6
Concen: 94.115 ng
RT: 7.500 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion: 99 Resp: 61968

Ion	Ratio	Lower	Upper
99	100		
42	27.4	24.3	36.5
71	51.1	45.6	68.4

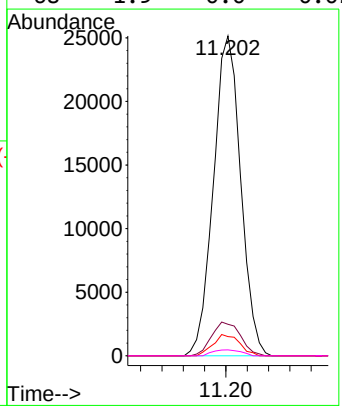


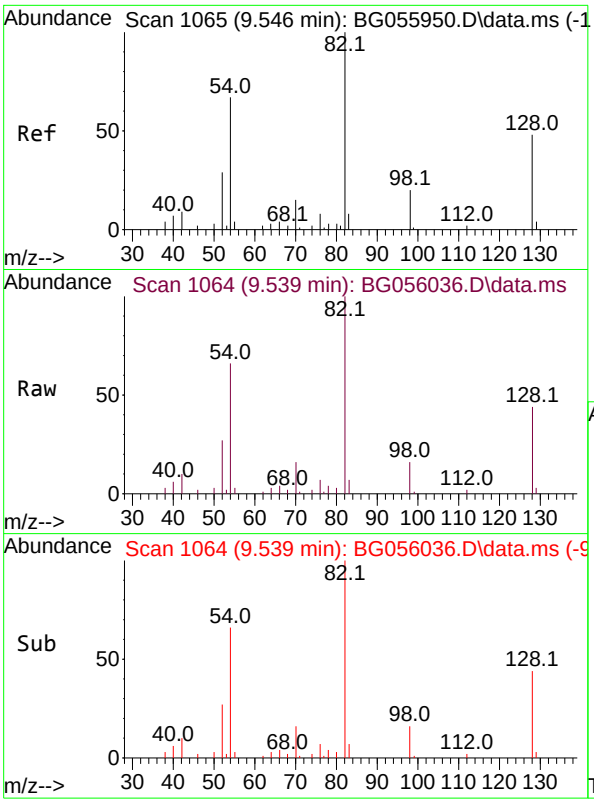


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:136 Resp: 44729

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	6.0	5.6	8.4
68	1.9	0.0	0.0#



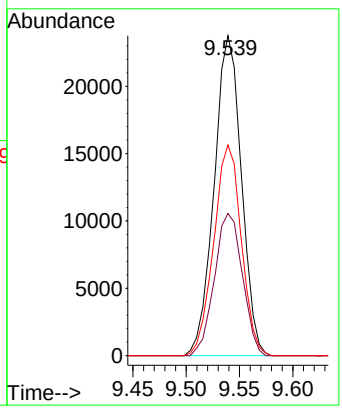


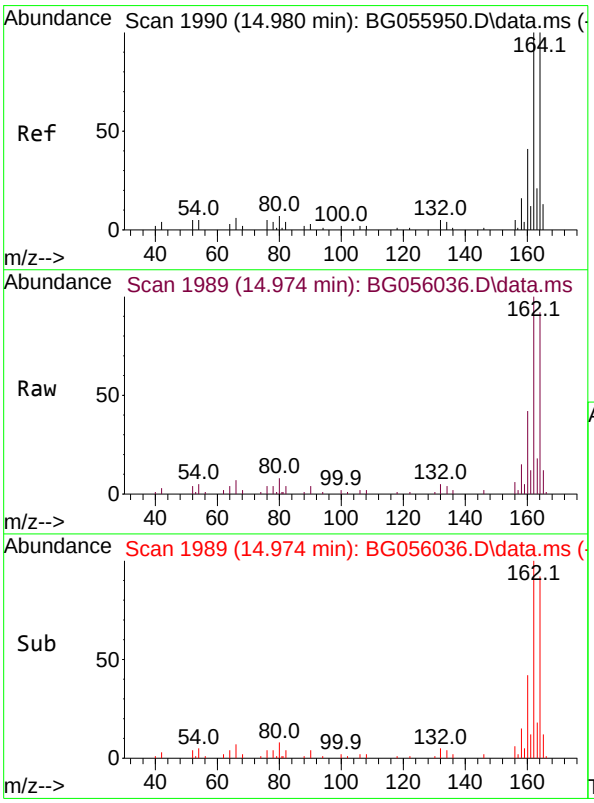
#23
Nitrobenzene-d5
Concen: 66.017 ng
RT: 9.539 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion: 82 Resp: 42255

Ion	Ratio	Lower	Upper
82	100		
128	44.4	38.4	57.6
54	65.8	53.3	79.9

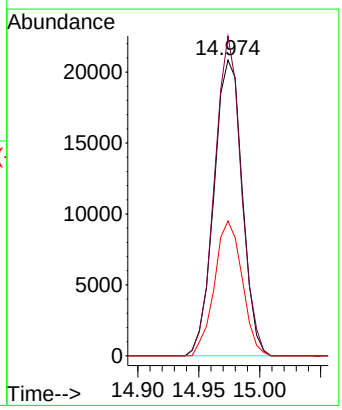


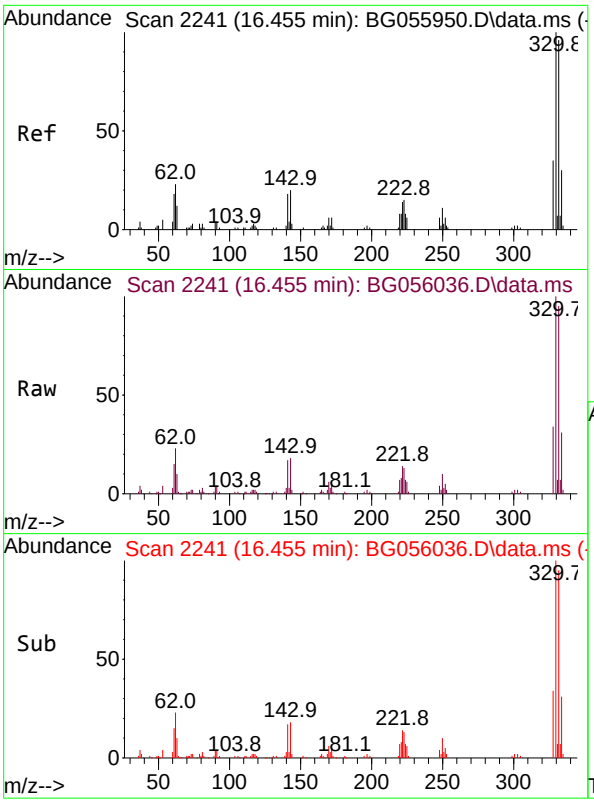


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:164 Resp: 33655

Ion	Ratio	Lower	Upper
164	100		
162	108.2	79.8	119.8
160	45.6	33.0	49.4



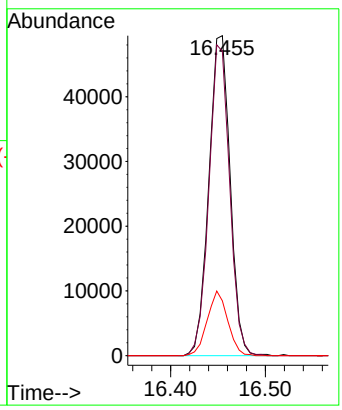


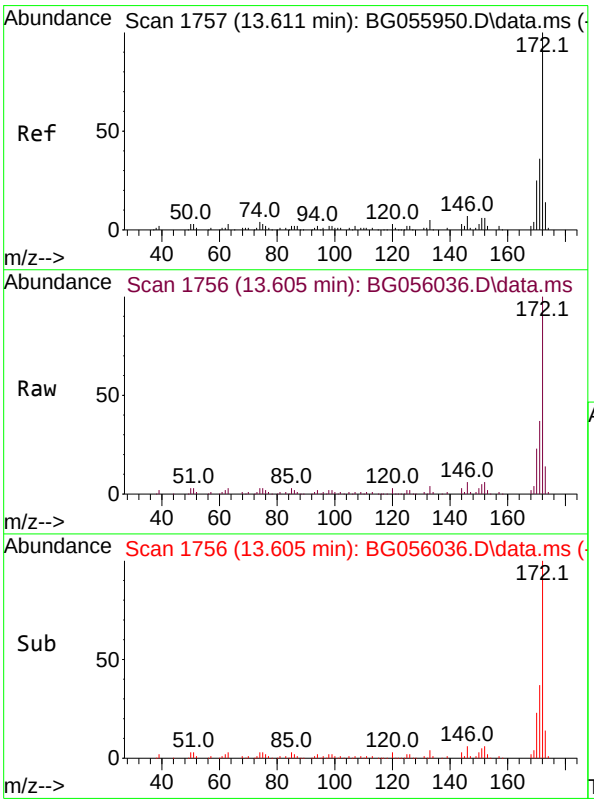
#42
2,4,6-Tribromophenol
Concen: 94.864 ng
RT: 16.455 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:330 Resp: 76984

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	19.4	15.0	22.4

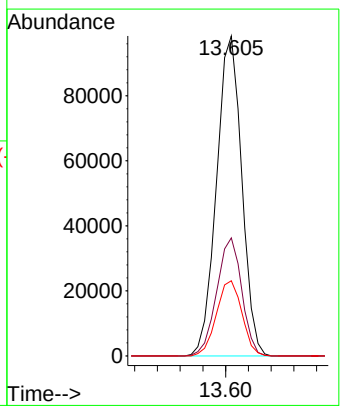


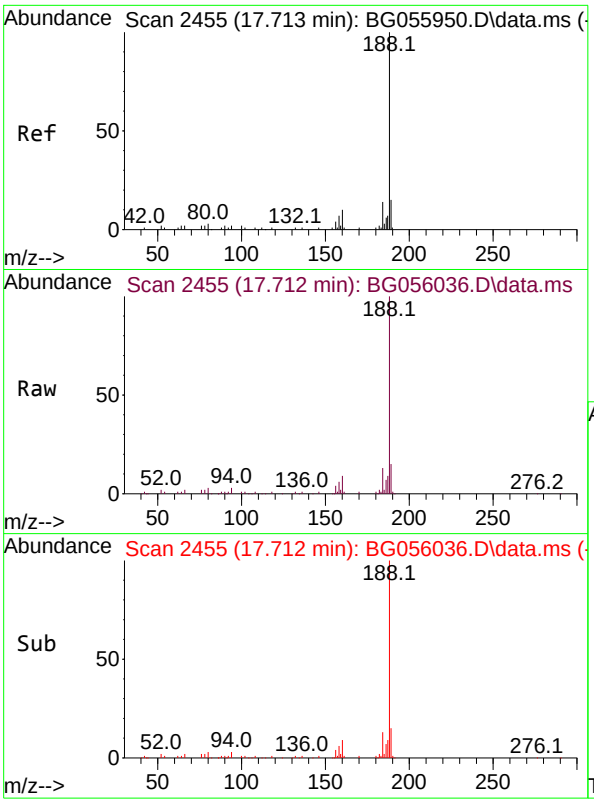


#45
2-Fluorobiphenyl
Concen: 62.945 ng
RT: 13.605 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:172 Resp: 151047

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	23.5	19.9	29.9



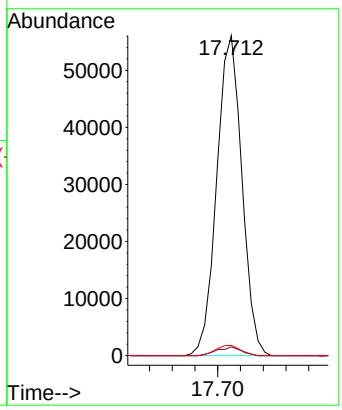


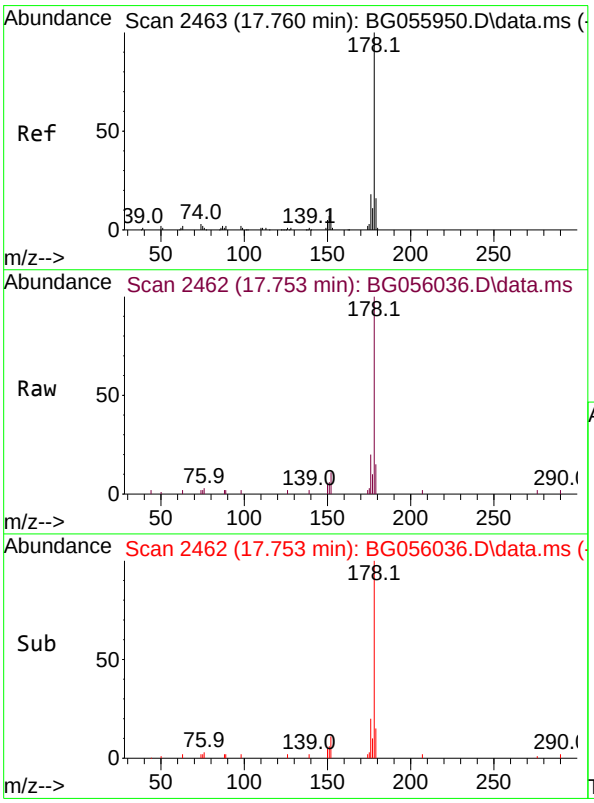
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:188 Resp: 86030

Ion	Ratio	Lower	Upper
188	100		
94	2.7	1.8	2.8
80	3.2	2.4	3.6

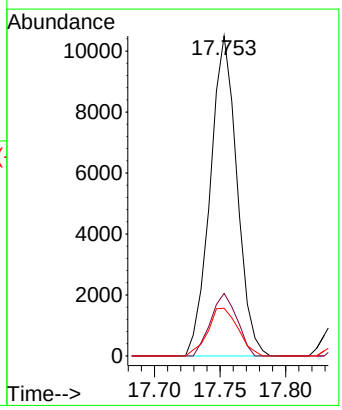


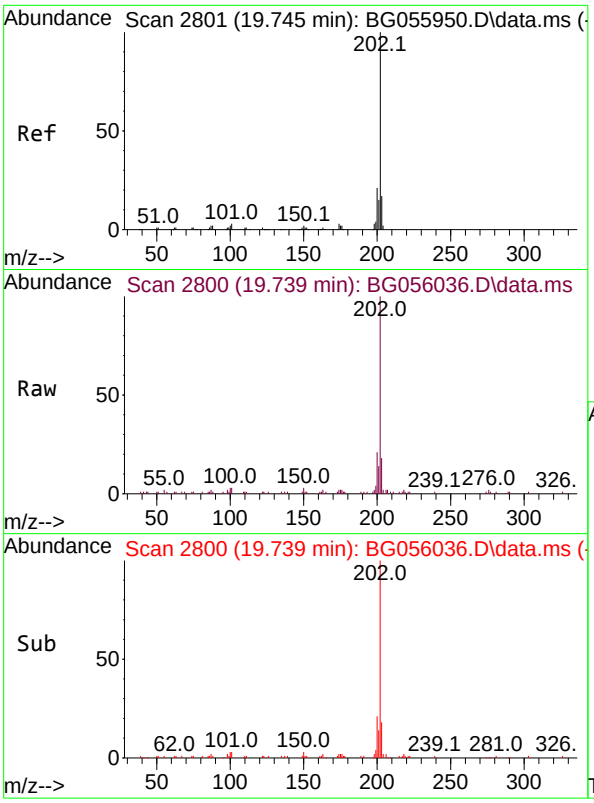


#71
Phenanthrene
Concen: 3.305 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:178 Resp: 14901

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.4	21.6
179	14.9	12.7	19.1



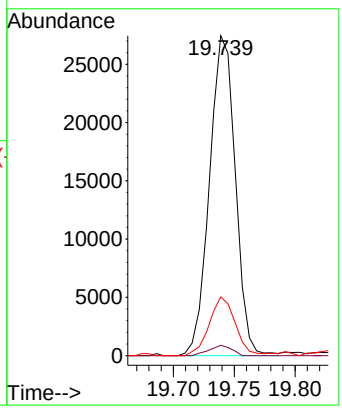


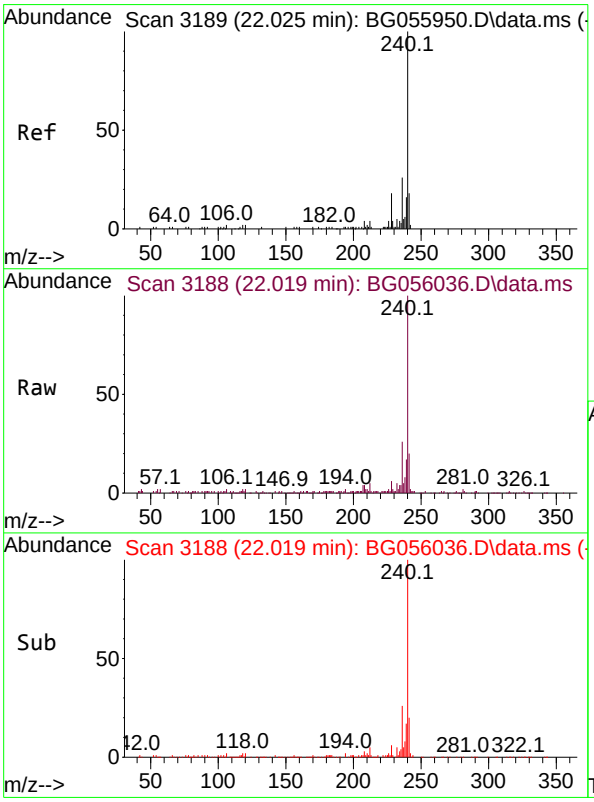
#75
Fluoranthene
Concen: 6.426 ng
RT: 19.739 min Scan# 28
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:202 Resp: 40569

Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	22.6
203	18.4	0.0	37.1

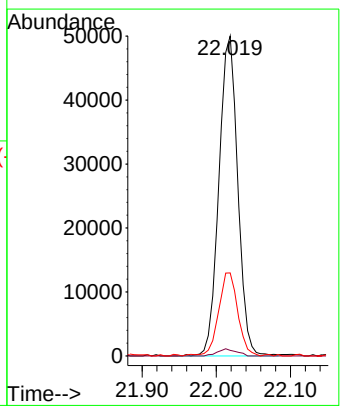


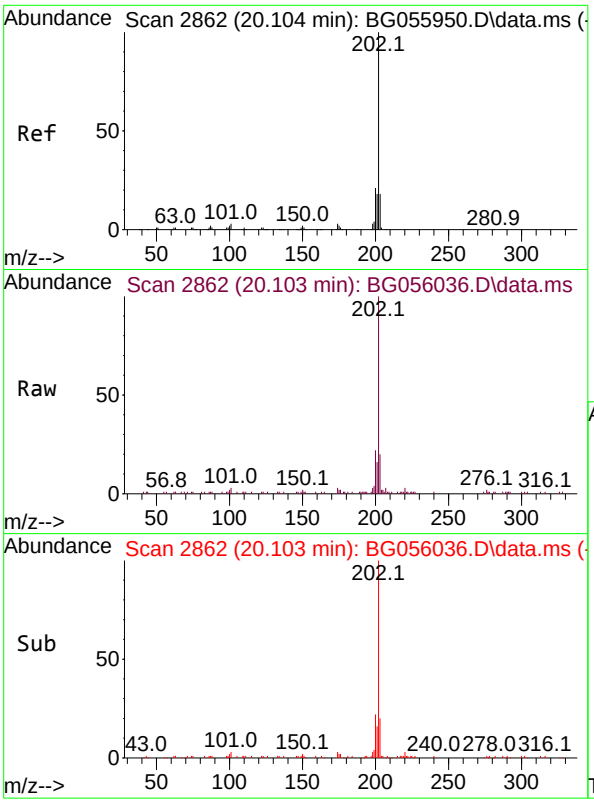


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:240 Resp: 88152

Ion	Ratio	Lower	Upper
240	100		
120	1.7	1.7	2.5
236	25.9	21.1	31.7



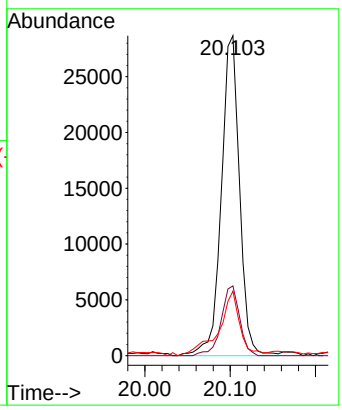


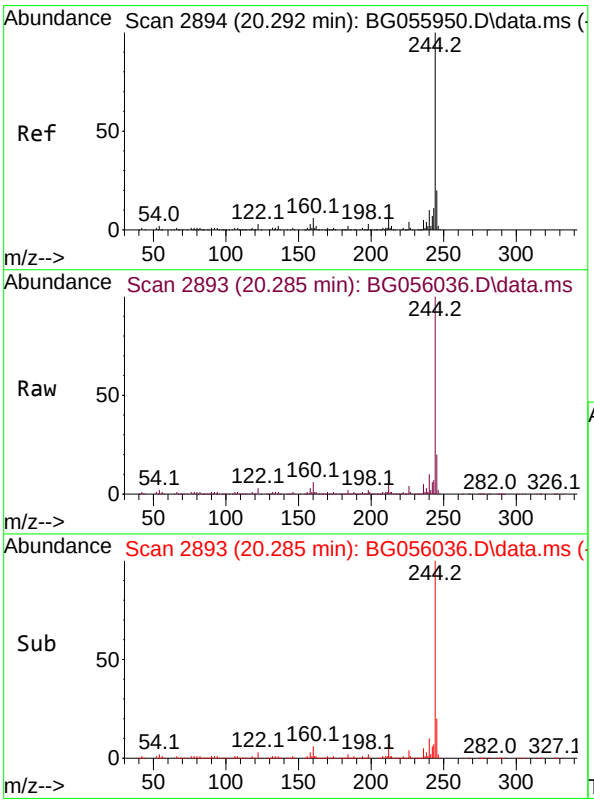
#78
Pyrene
Concen: 7.971 ng
RT: 20.103 min Scan# 28
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:202 Resp: 42521

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	20.1	14.6	21.8

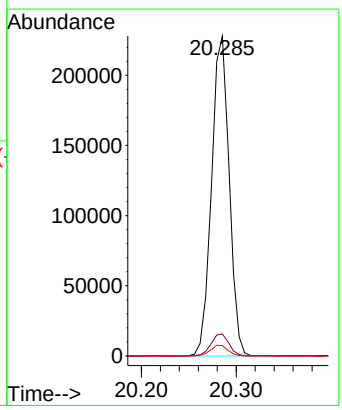


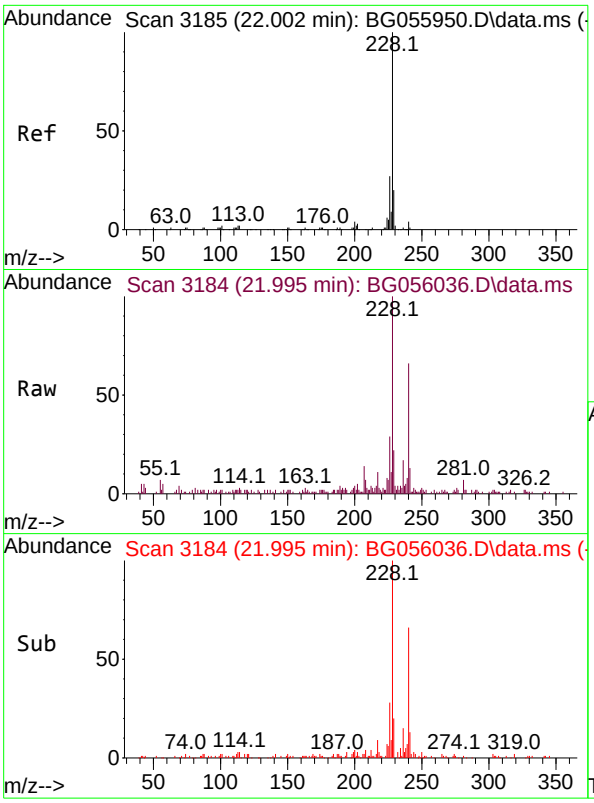


#79
Terphenyl-d14
Concen: 59.024 ng
RT: 20.285 min Scan# 2893
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:244 Resp: 294394

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	3.2	2.5	3.7



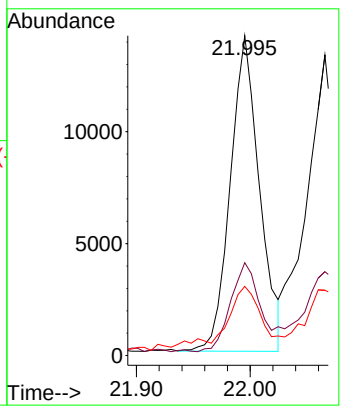


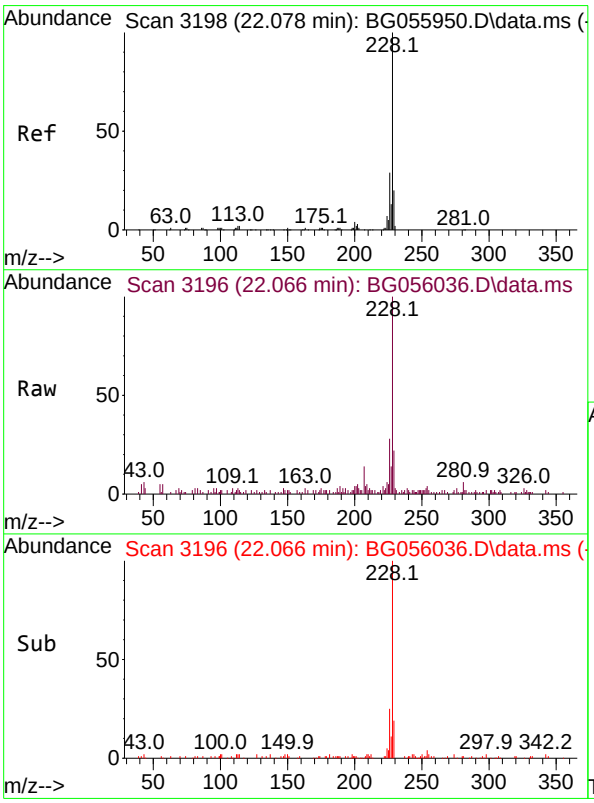
#81
Benzo(a)anthracene
Concen: 4.047 ng
RT: 21.995 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:228 Resp: 25106

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.6
229	21.6	15.9	23.9

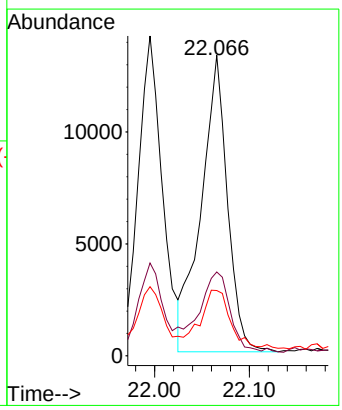


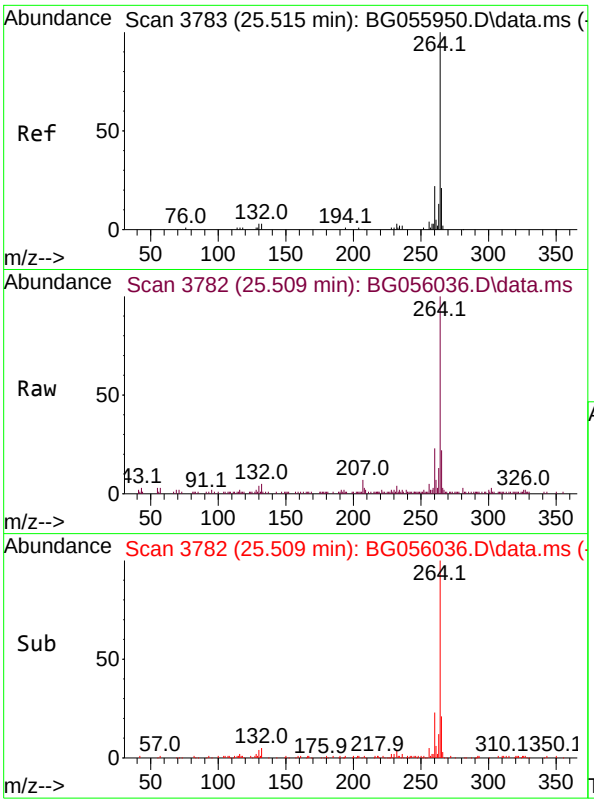


#83
Chrysene
Concen: 4.409 ng
RT: 22.066 min Scan# 3196
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:228 Resp: 25631

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.1	34.7
229	21.7	15.7	23.5



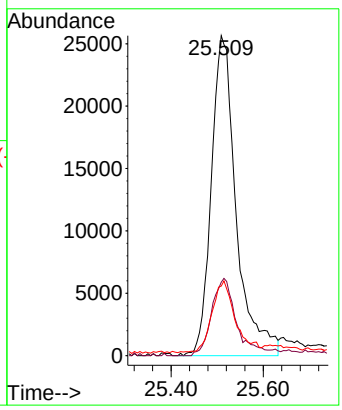


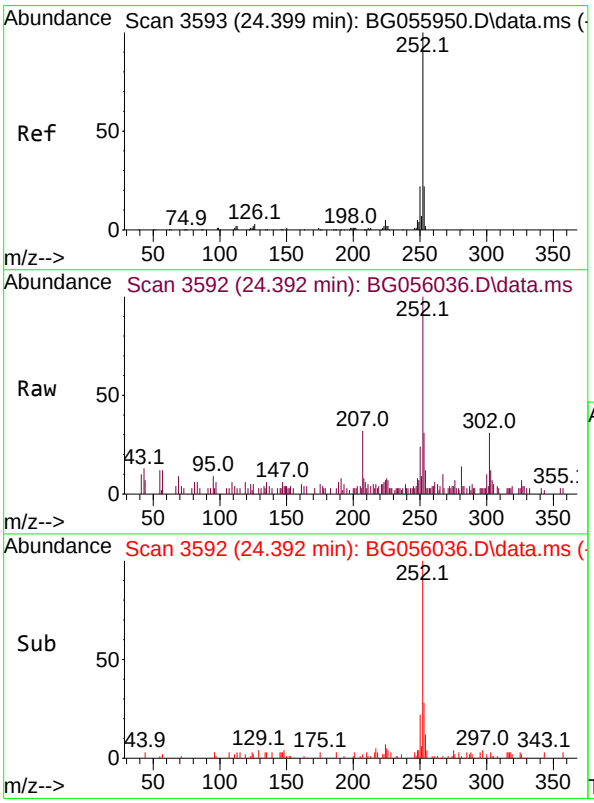
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.509 min Scan# 3
Delta R.T. 0.011 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:264 Resp: 96225

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.8
265	21.7	16.6	25.0

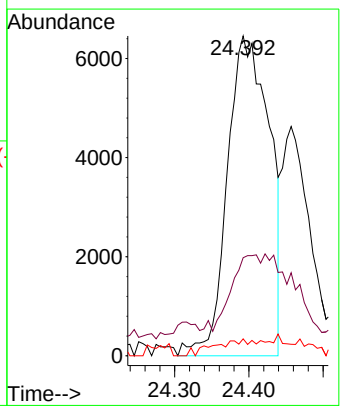


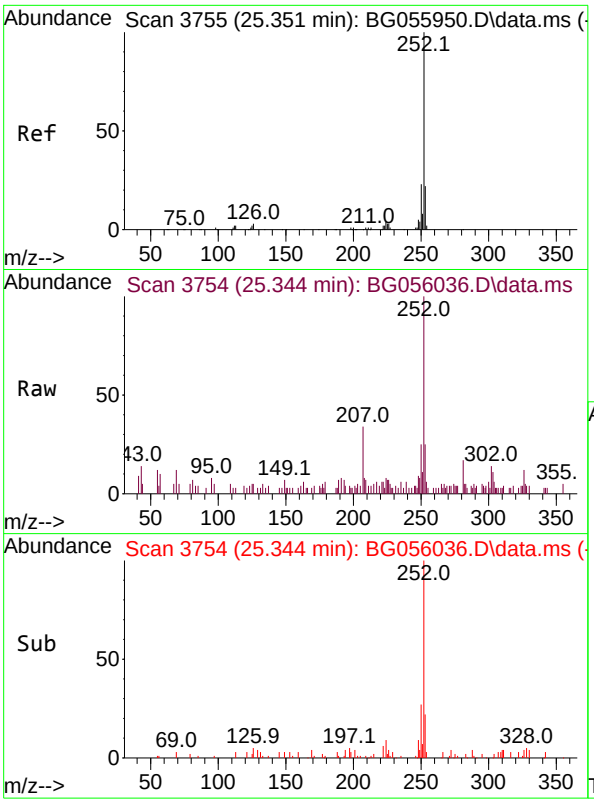


#88
Benzo(b)fluoranthene
Concen: 4.087 ng
RT: 24.392 min Scan# 3592
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:252 Resp: 25453

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.4	26.0#
125	5.3	1.8	2.8#





#90
Benzo(a)pyrene
Concen: 3.107 ng
RT: 25.344 min Scan# 3
Delta R.T. 0.011 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
D8

Tgt Ion:252 Resp: 16357

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.7	26.5
125	4.7	1.9	2.9#