Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053291.D
Acq On : 23 Apr 2022 13:48
Operator : CG/JU
Sample : N2526-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-3S

Quant Time: Apr 24 02:49:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	30192	20.000	ng		0.00
21) Naphthalene-d8	10.919	136	126953	20.000	ng		0.00
39) Acenaphthene-d10	14.732	164	100352	20.000	ng		0.00
64) Phenanthrene-d10	17.475	188	239340	20.000	ng		0.00
76) Chrysene-d12	21.757	240	230147	20.000	ng		0.00
86) Perylene-d12	25.053	264	236142	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	185191	105.144	ng		0.00
7) Phenol-d6	7.265	99	269308	99.152	ng		0.00
23) Nitrobenzene-d5	9.268	82	192850	61.679	ng		0.00
42) 2,4,6-Tribromophenol	16.218	330	144228	90.337	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	450029	61.837	ng		0.00
79) Terphenyl-d14	20.077	244	841329	61.740	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.516	178	28399	2.172	ng		94
75) Fluoranthene	19.525	202	42366	2.528	ng		93
78) Pyrene	19.889	202	49053	2.993	ng		98
88) Benzo(b)fluoranthene	24.001	252	39634	2.660	ng	#	93
90) Benzo(a)pyrene	24.894	252	30674	2.417	ng	#	92

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

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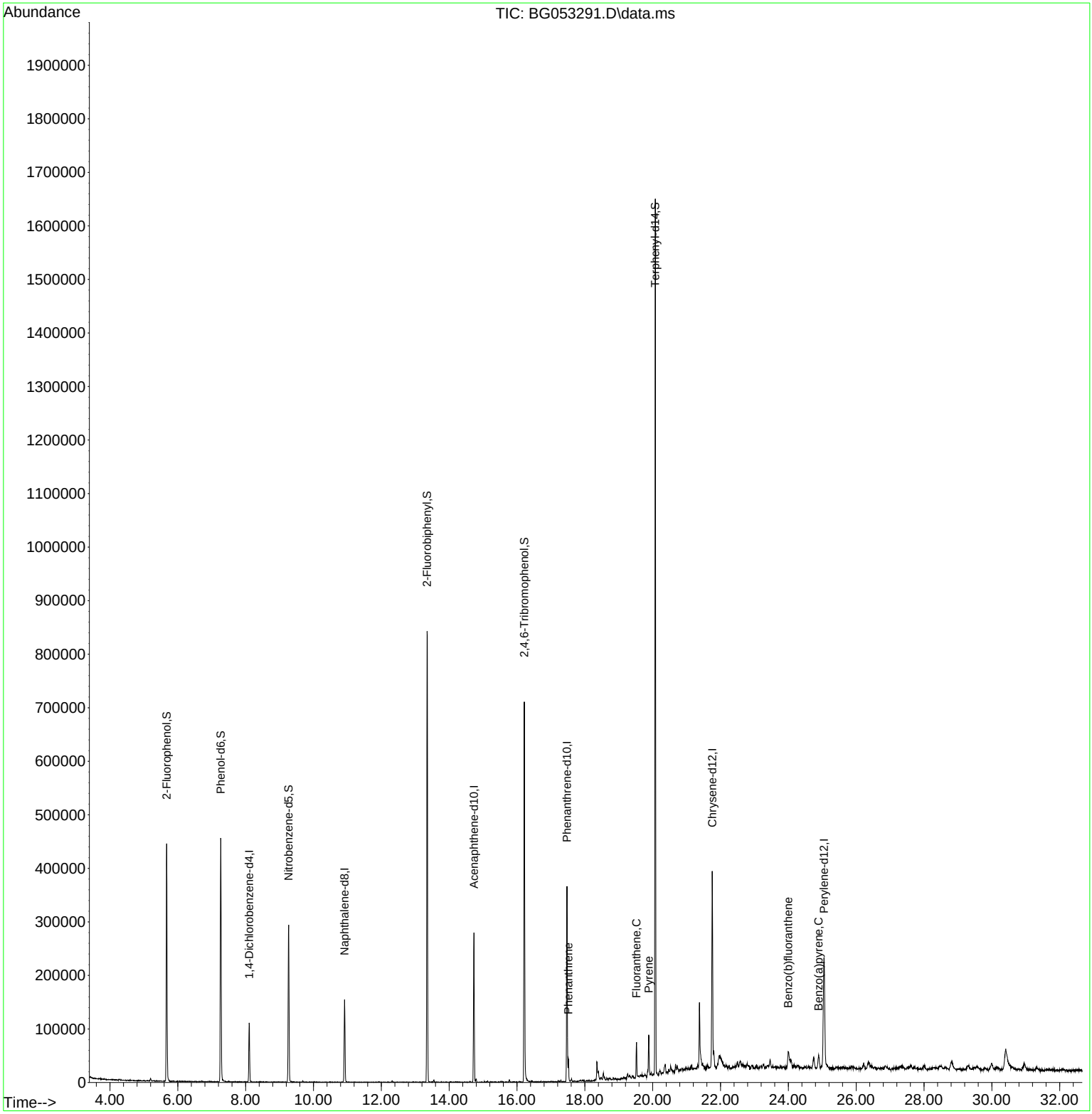
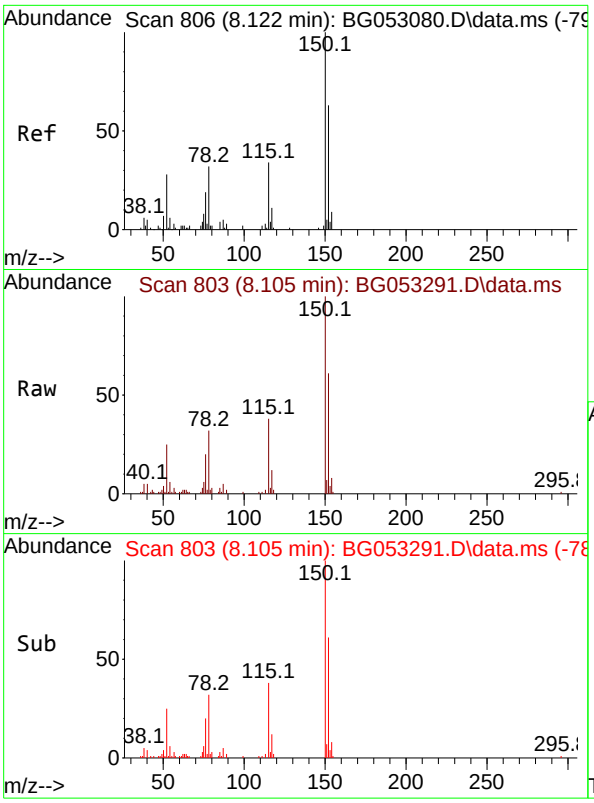


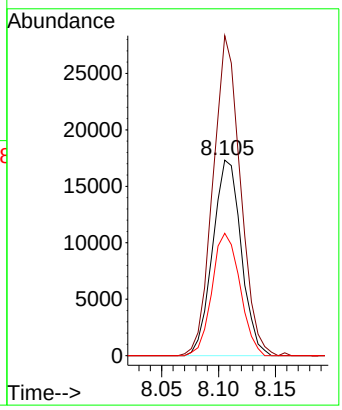


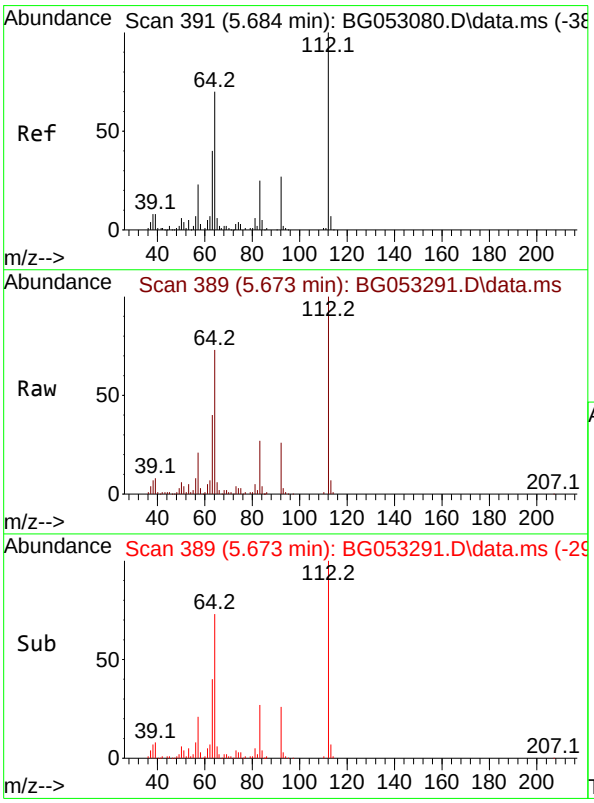
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion:152 Resp: 30192

Ion	Ratio	Lower	Upper
152	100		
150	163.6	114.6	172.0
115	62.6	45.9	68.9

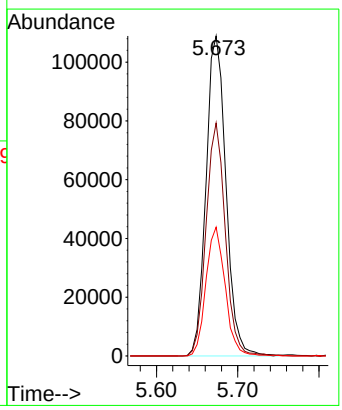


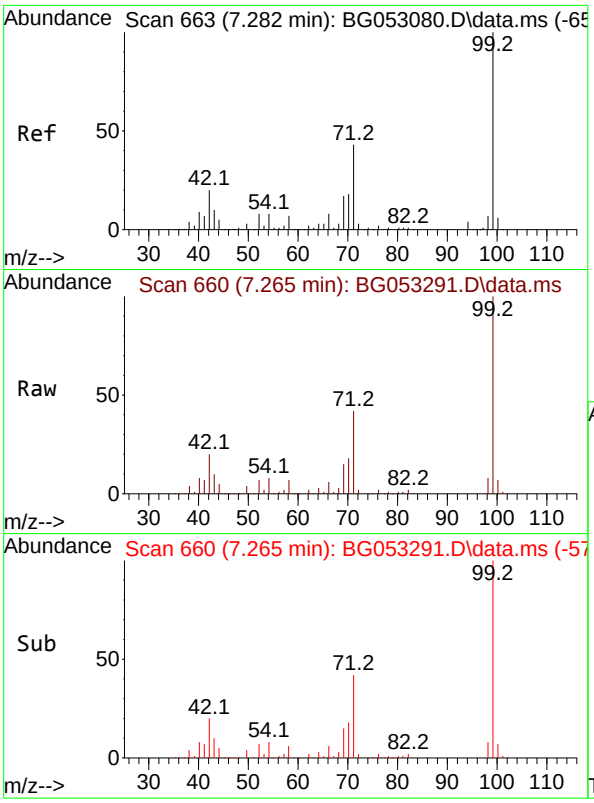


#5
2-Fluorophenol
Concen: 105.144 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.002 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:112 Resp: 185191

Ion	Ratio	Lower	Upper
112	100		
64	72.8	48.0	72.0#
63	40.3	26.5	39.7#



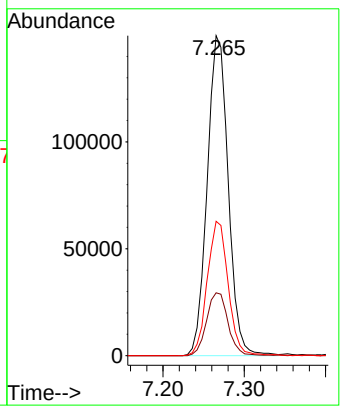


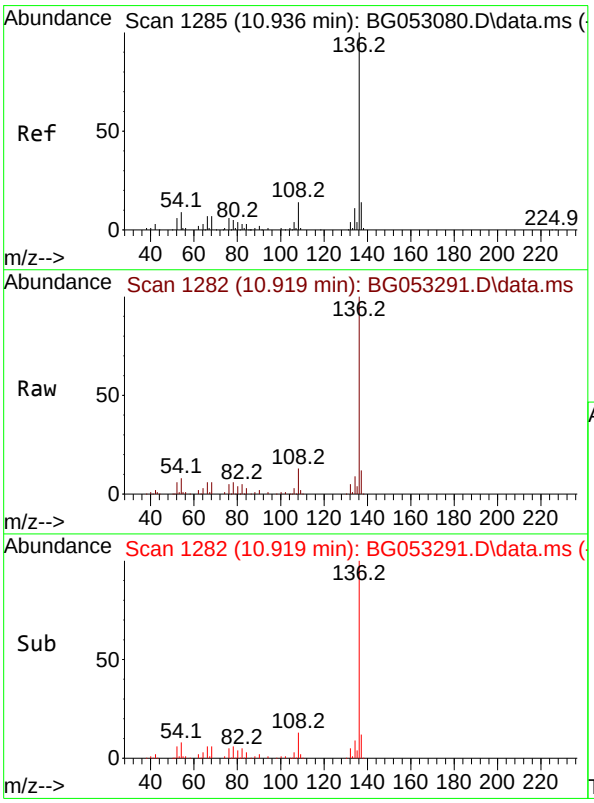
#7
Phenol-d6
Concen: 99.152 ng
RT: 7.265 min Scan# 6
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion: 99 Resp: 269308

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.7	22.1
71	42.0	29.2	43.8

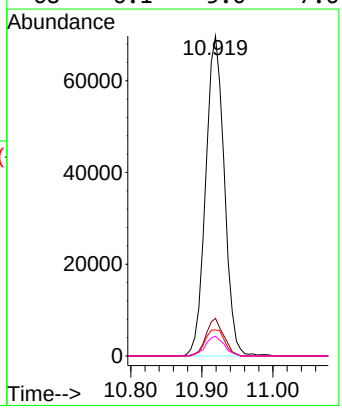


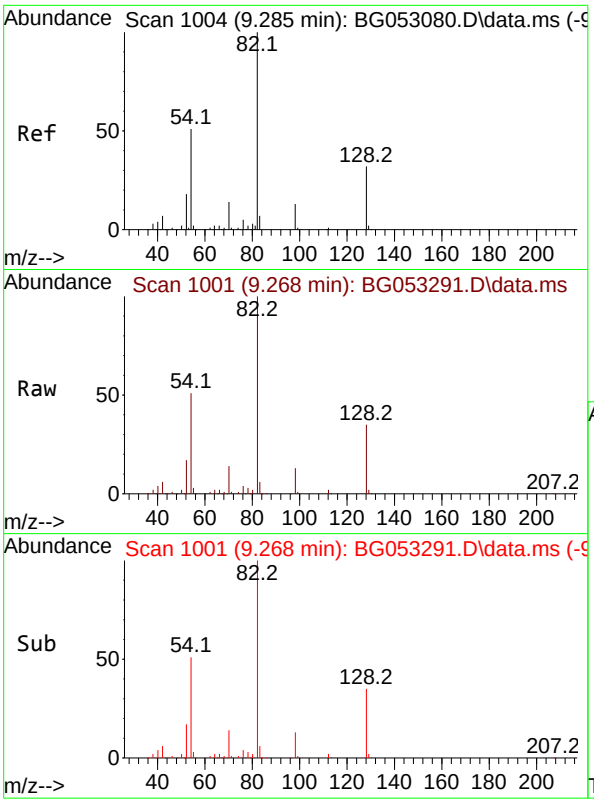


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:136 Resp: 126953

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	8.1	6.4	9.6
68	6.1	5.0	7.6



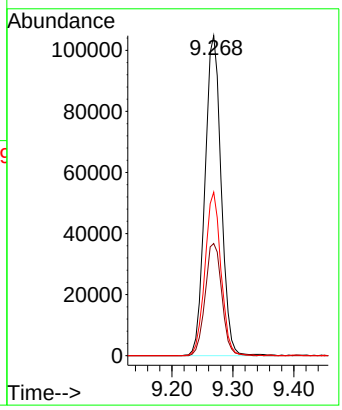


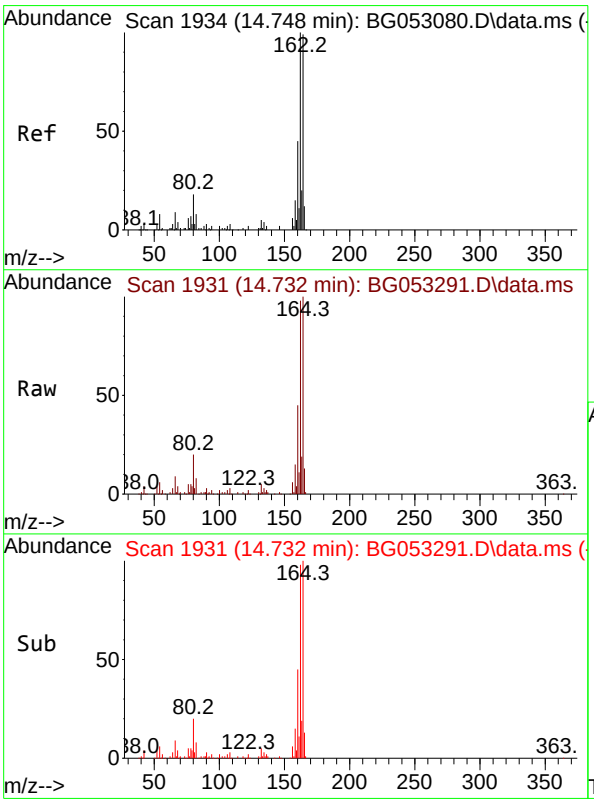
#23
Nitrobenzene-d5
Concen: 61.679 ng
RT: 9.268 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion: 82 Resp: 192850

Ion	Ratio	Lower	Upper
82	100		
128	35.0	31.3	46.9
54	51.1	37.8	56.8

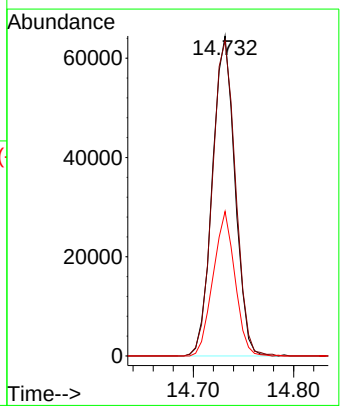


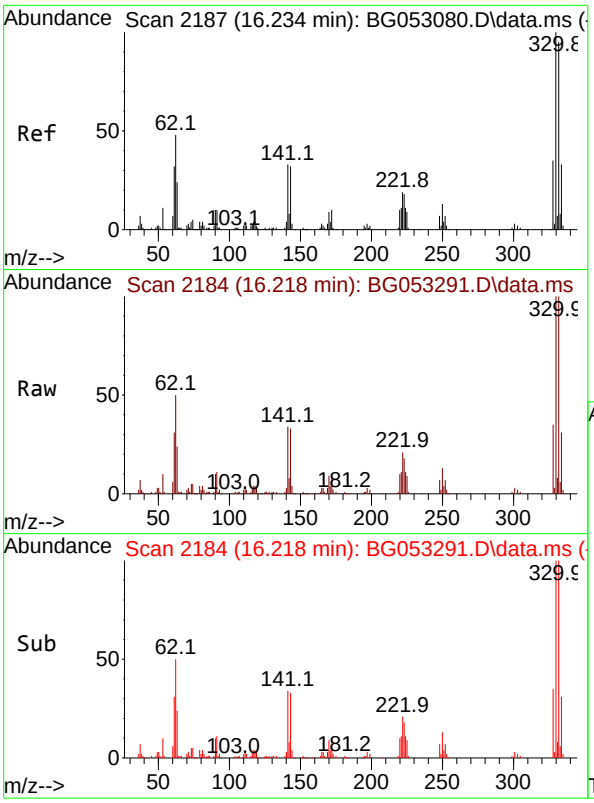


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:164 Resp: 100352

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.0	120.0
160	45.2	38.8	58.2



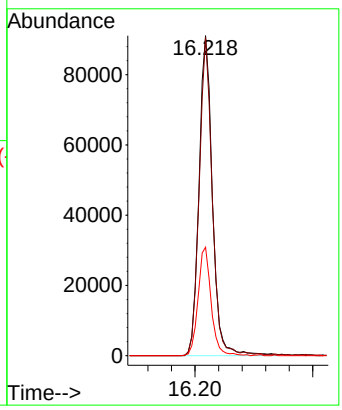


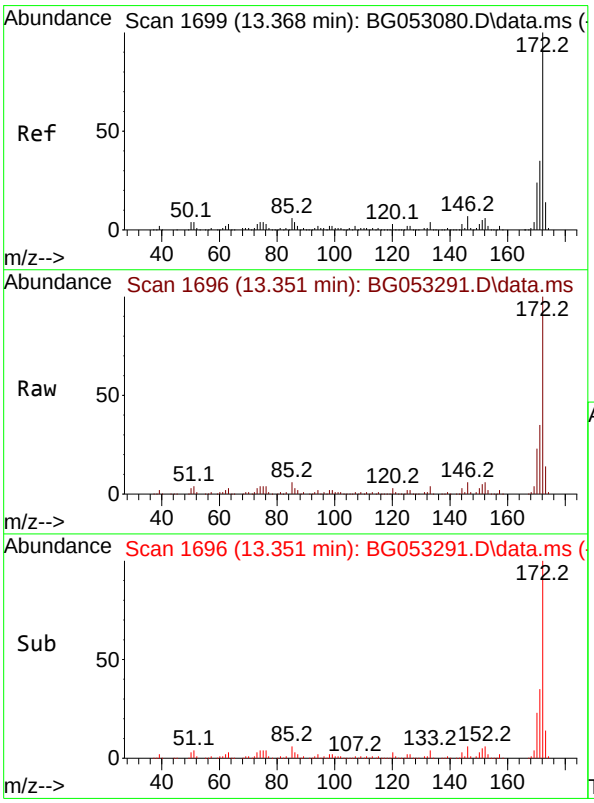
#42
2,4,6-Tribromophenol
Concen: 90.337 ng
RT: 16.218 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion:330 Resp: 144228

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.8	113.6
141	33.0	24.6	36.8

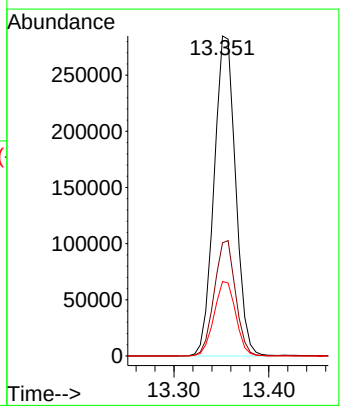


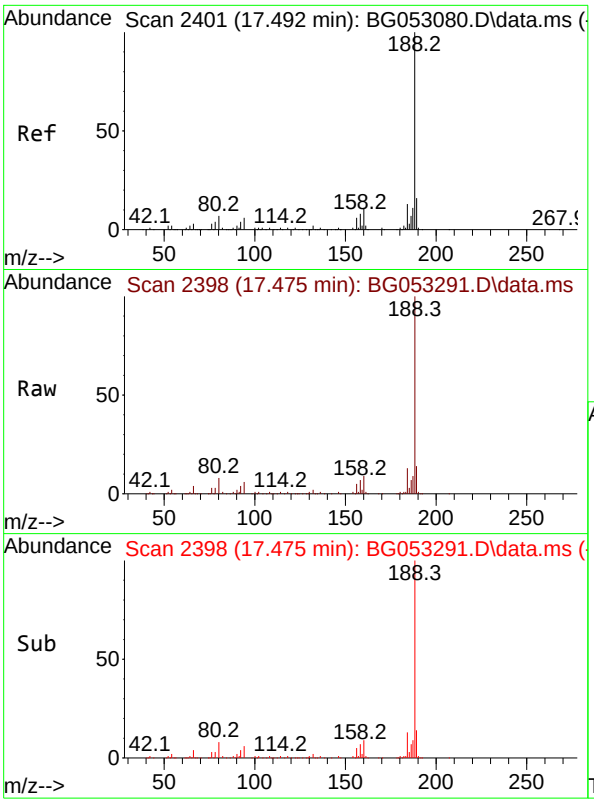


#45
2-Fluorobiphenyl
Concen: 61.837 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:172 Resp: 450029

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.2	18.0	27.0



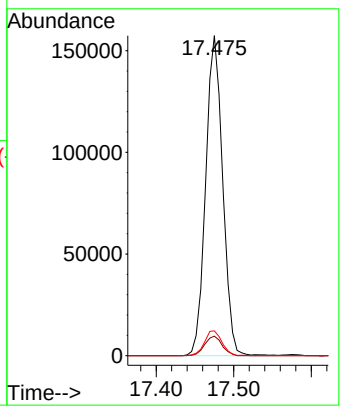


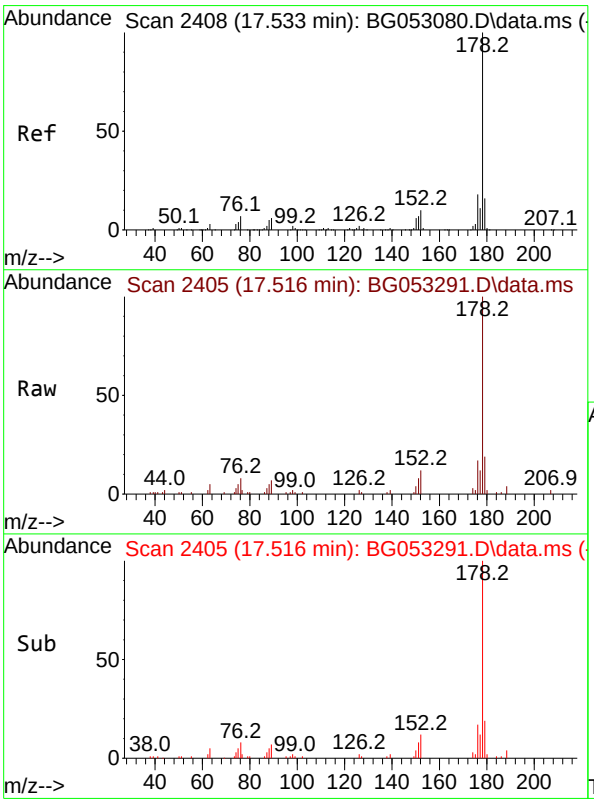
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion:188 Resp: 239340

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	7.7	7.2	10.8

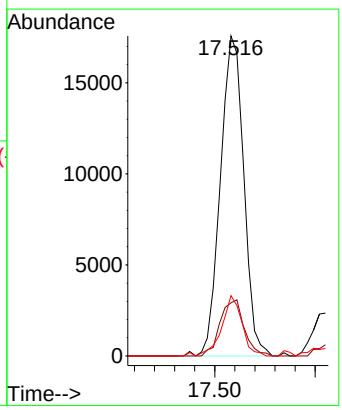


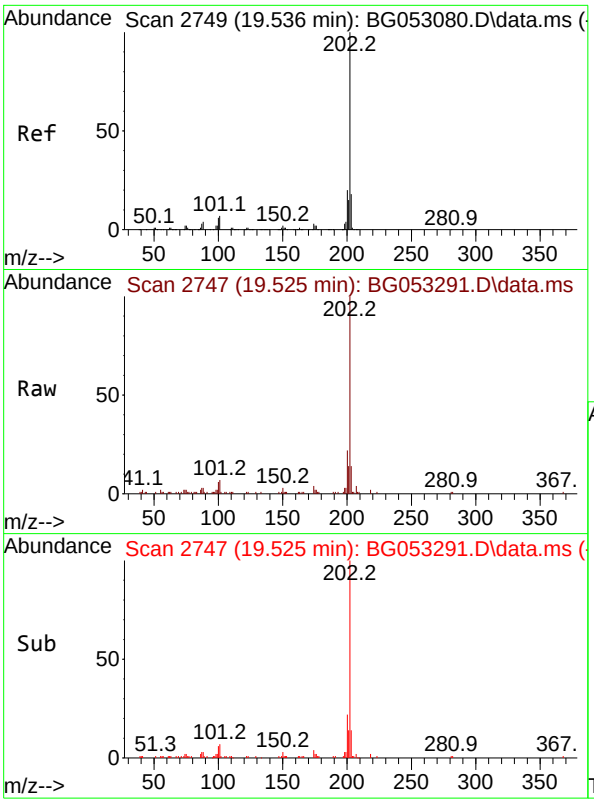


#71
Phenanthrene
Concen: 2.172 ng
RT: 17.516 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:178 Resp: 28399

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.9	23.9
179	18.8	13.4	20.2



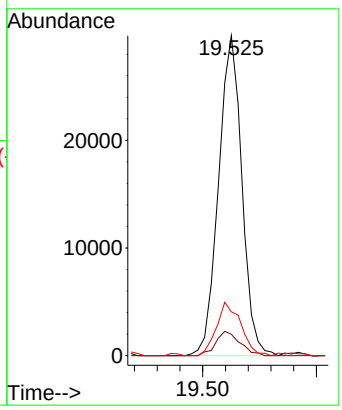


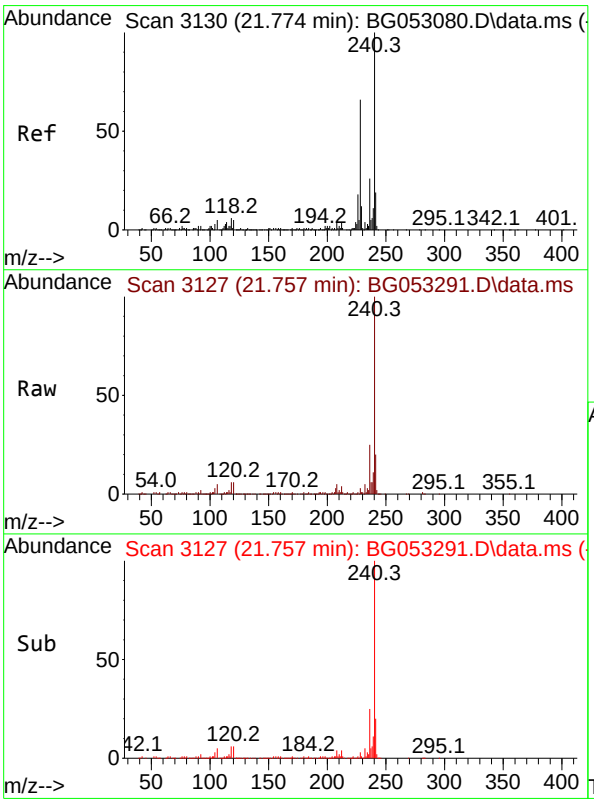
#75
Fluoranthene
Concen: 2.528 ng
RT: 19.525 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion:202 Resp: 42366

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.3
203	13.7	0.0	37.7

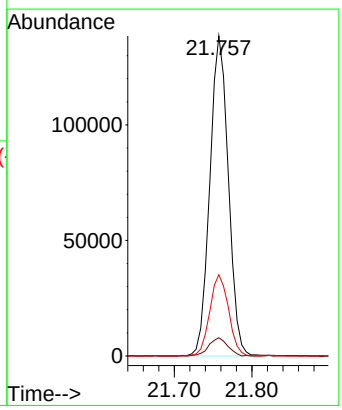


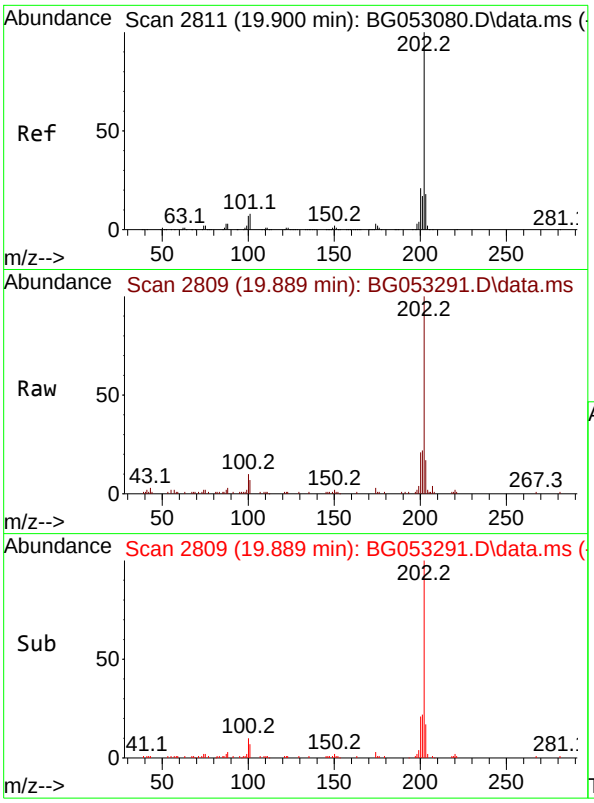


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:240 Resp: 230147

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.4	8.0
236	25.4	19.8	29.6



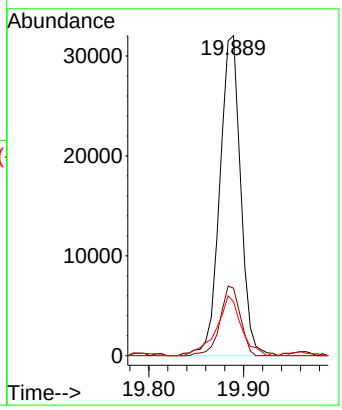


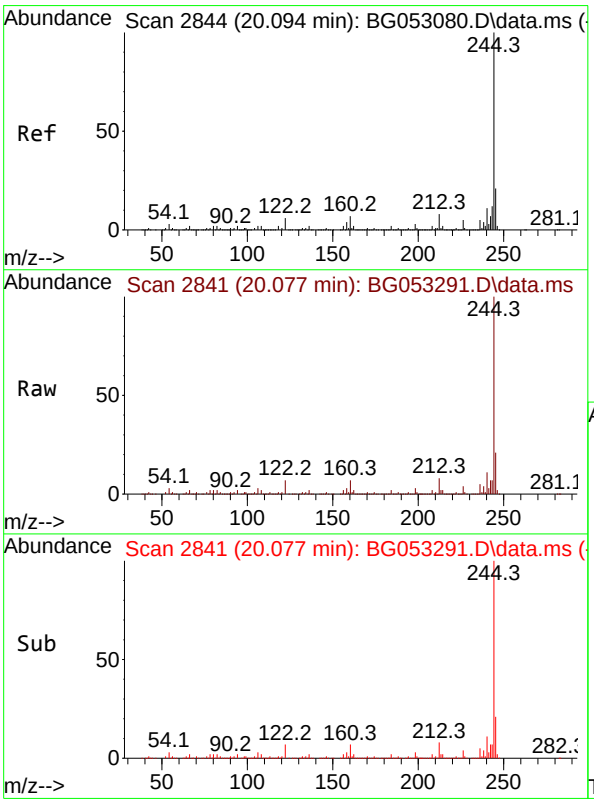
#78
Pyrene
Concen: 2.993 ng
RT: 19.889 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion:202 Resp: 49053

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	16.9	15.0	22.6

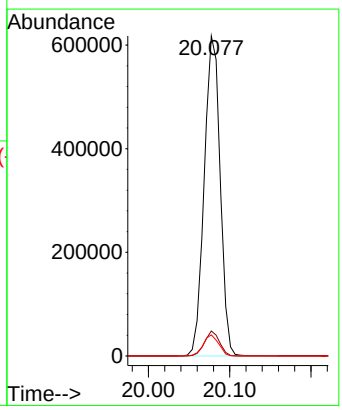


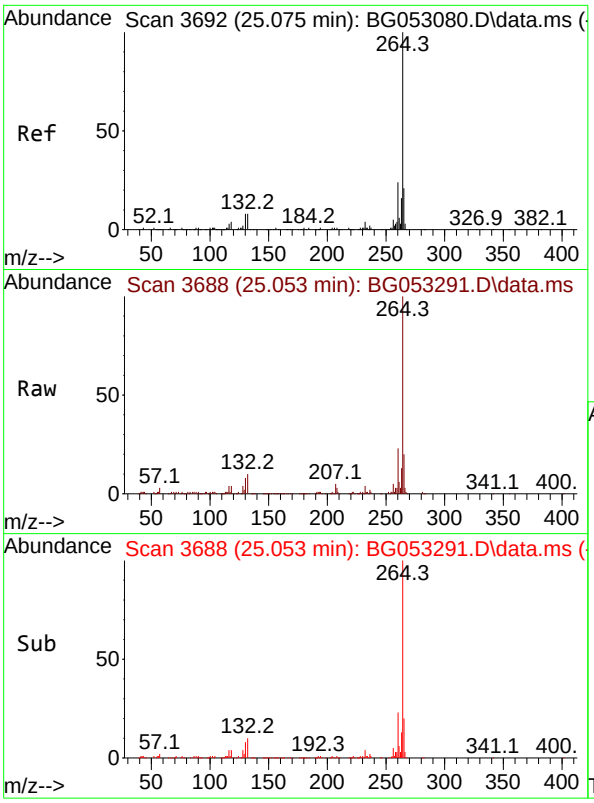


#79
Terphenyl-d14
Concen: 61.740 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:244 Resp: 841329

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	6.6	5.8	8.6



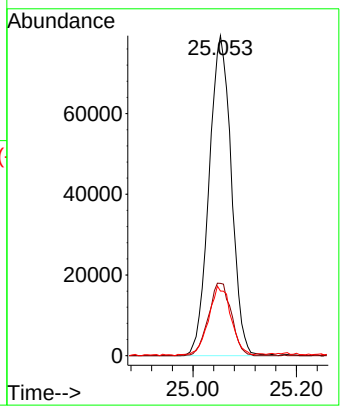


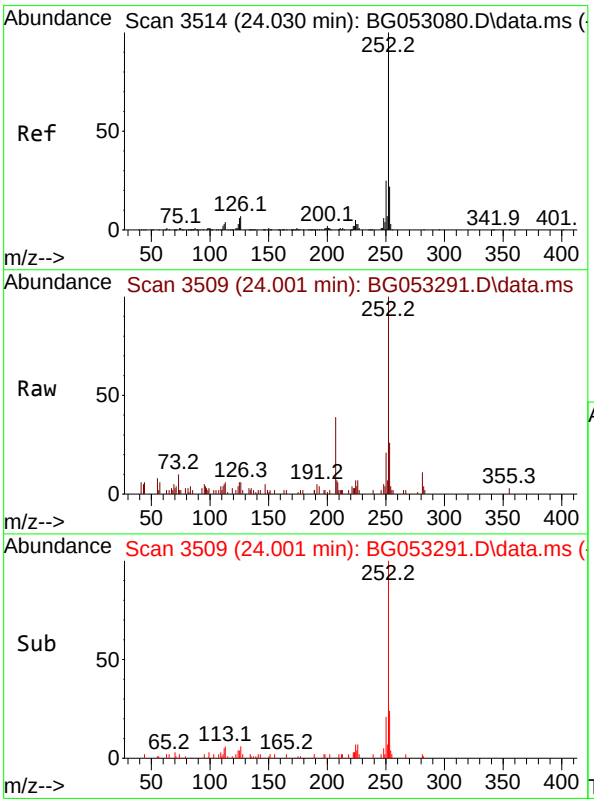
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion:264 Resp: 236142

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	20.2	15.1	22.7

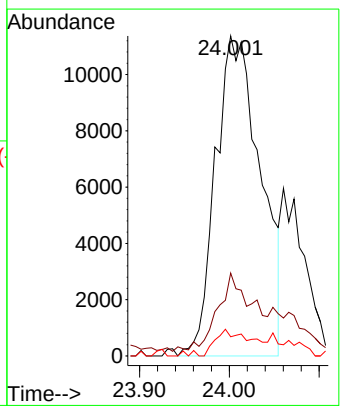


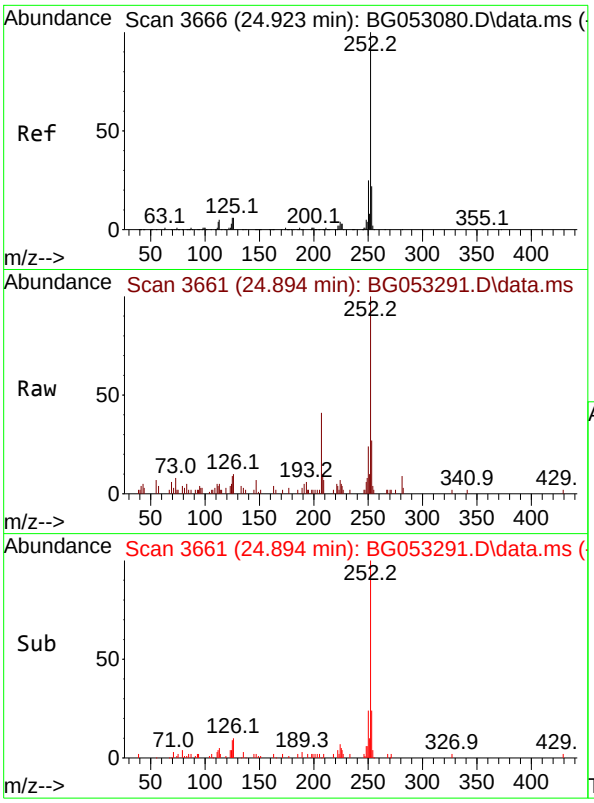


#88
Benzo(b)fluoranthene
Concen: 2.660 ng
RT: 24.001 min Scan# 3509
Delta R.T. -0.020 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Tgt Ion:252 Resp: 39634

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	6.0	5.2	7.8





#90
Benzo(a)pyrene
Concen: 2.417 ng
RT: 24.894 min Scan# 3
Delta R.T. -0.020 min
Lab File: BG053291.D
Acq: 23 Apr 2022 13:48

Instrument :
BNA_G
ClientSampleId :
MH-3S

Tgt Ion:252 Resp: 30674

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.4	27.6
125	8.8	5.6	8.4#