Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055279.D
Acq On : 25 Oct 2022 17:06
Operator : CG/JU
Sample : N5254-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 26 14:44:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	43234	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	181598	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	113969	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	257667	20.000	ng	0.00
76) Chrysene-d12	21.889	240	251202	20.000	ng	-0.01
86) Perylene-d12	25.285	264	263340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	213517	86.474	ng	0.00
7) Phenol-d6	7.412	99	294156	82.230	ng	0.00
23) Nitrobenzene-d5	9.445	82	188277	52.941	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	99384	80.217	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	360272	51.740	ng	0.00
79) Terphenyl-d14	20.191	244	559564	46.281	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.445	70	25220	8.490	ng	# 79
51) 2,6-Dinitrotoluene	14.880	165	15754	8.652	ng	# 21
57) 2,4-Dinitrotoluene	14.880	165	15754	5.962	ng	# 20
67) 4-Bromophenyl-phenylether	16.360	248	6235	2.491	ng	# 1
70) Pentachlorophenol	17.201	266	173	2.648	ng	# 14
75) Fluoranthene	19.645	202	49444	3.088	ng	99
78) Pyrene	20.009	202	46985	2.729	ng	99
83) Chrysene	21.936	228	33812	2.110	ng	98
88) Benzo(b)fluoranthene	24.204	252	46211	2.917	ng	96
89) Benzo(k)fluoranthene	24.204	252	46211	2.889	ng	98
90) Benzo(a)pyrene	25.121	252	33426	2.461	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055279.D
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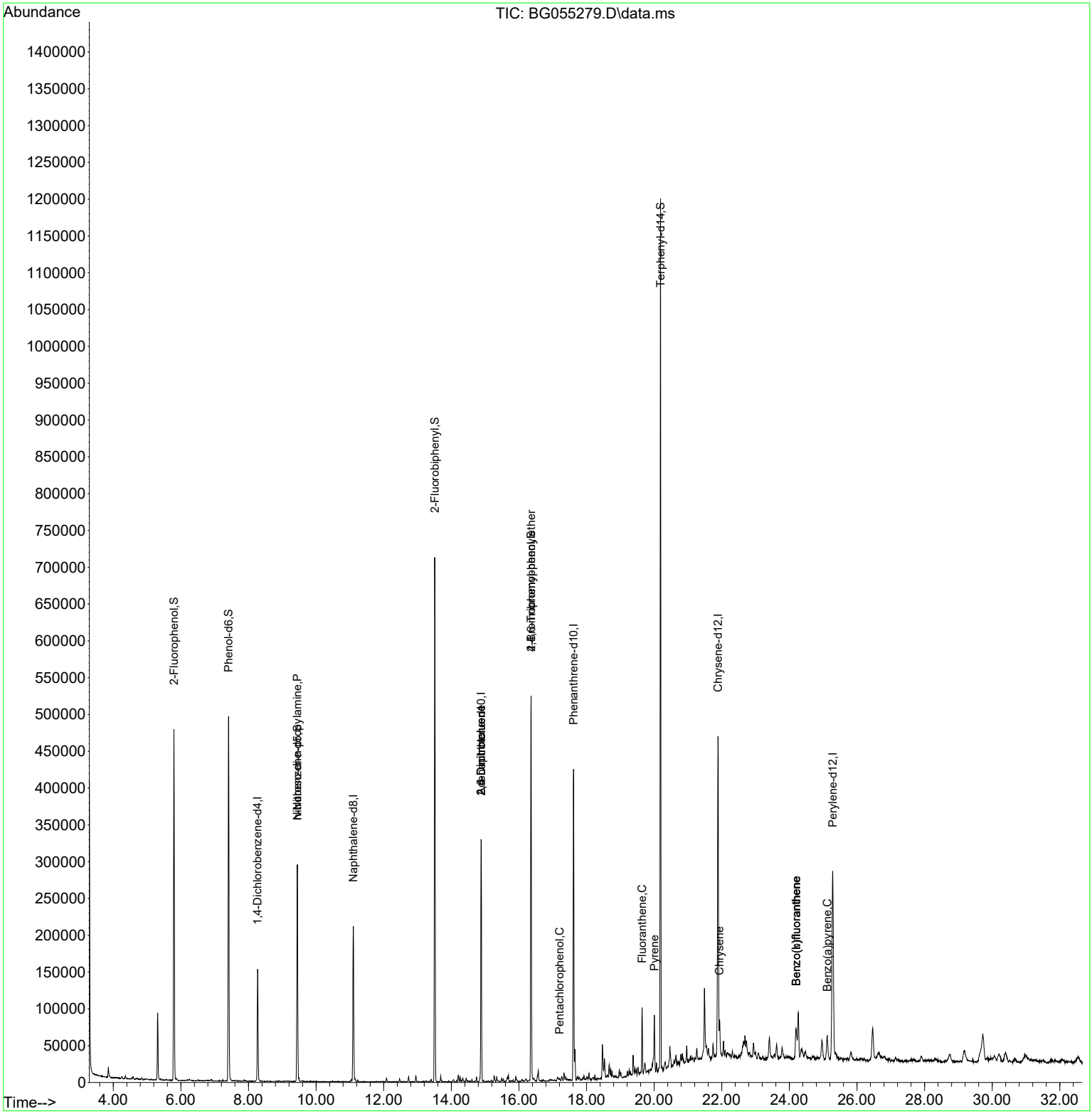
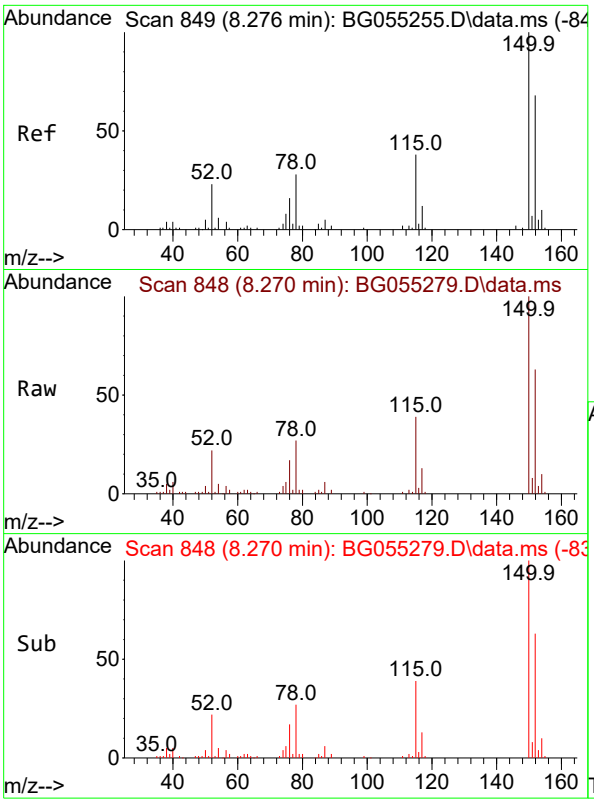
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 26 14:44:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



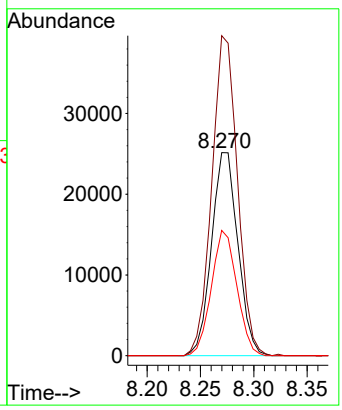


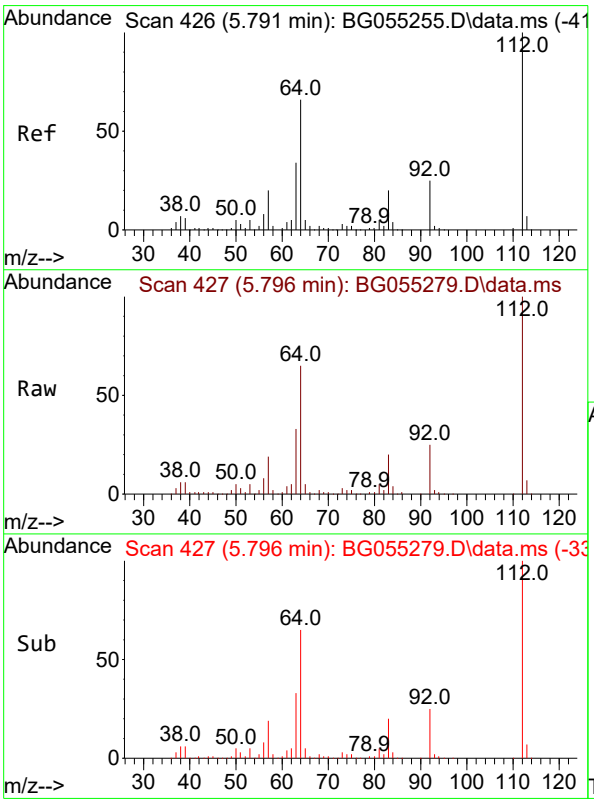
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43234

Ion	Ratio	Lower	Upper
152	100		
150	157.6	118.2	177.4
115	61.7	44.5	66.7

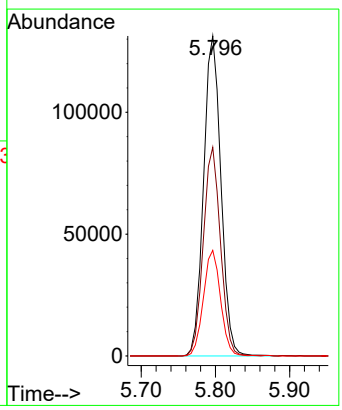


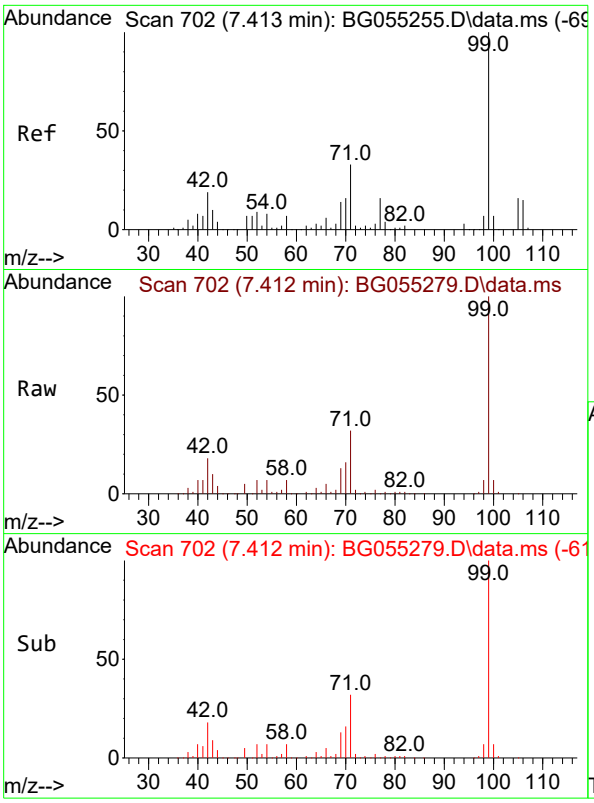


#5
2-Fluorophenol
Concen: 86.474 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:112 Resp: 213517

Ion	Ratio	Lower	Upper
112	100		
64	65.2	52.6	78.8
63	33.0	27.1	40.7



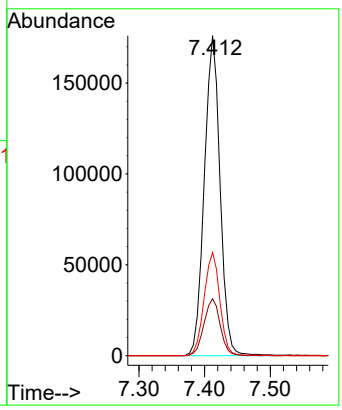


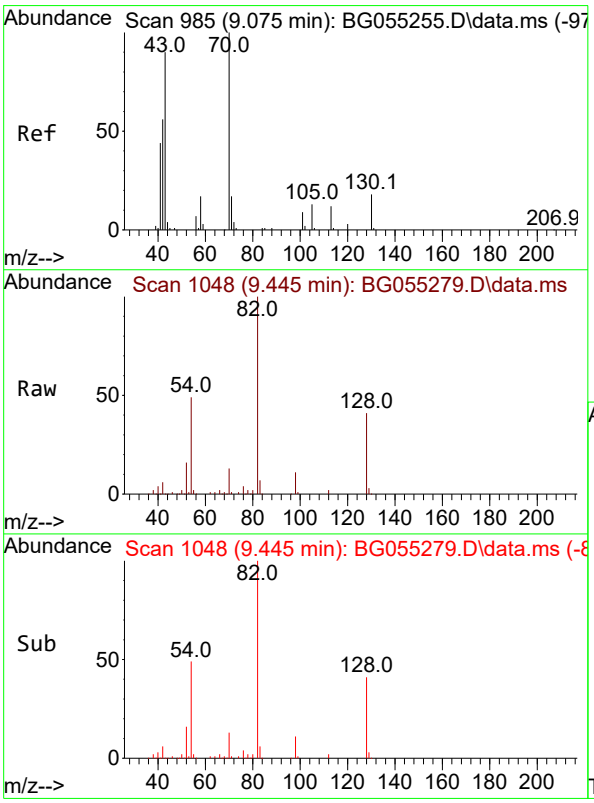
#7
Phenol-d6
Concen: 82.230 ng
RT: 7.412 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 294156

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.2	22.8
71	32.2	26.2	39.4

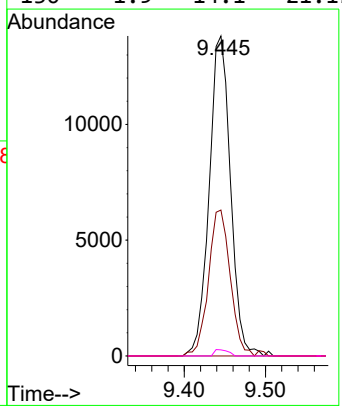


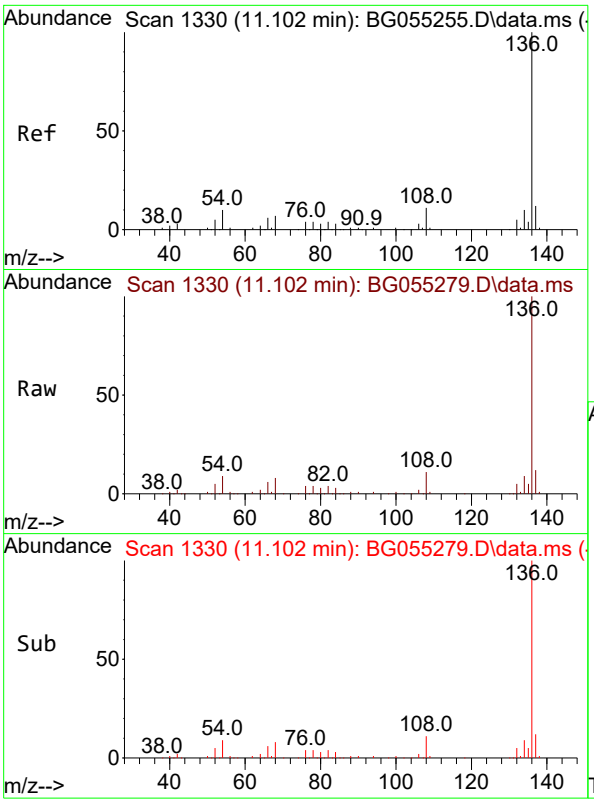


#19
n-Nitroso-di-n-propylamine
Concen: 8.490 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion: 70 Resp: 25220

Ion	Ratio	Lower	Upper
70	100		
42	45.6	45.8	68.6#
101	0.0	7.4	11.0#
130	1.9	14.1	21.1#



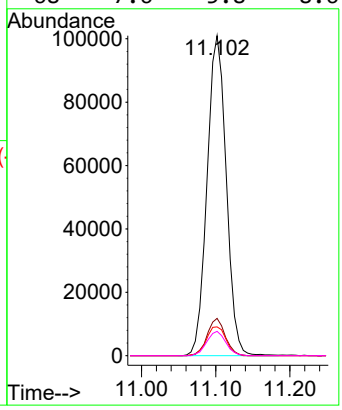


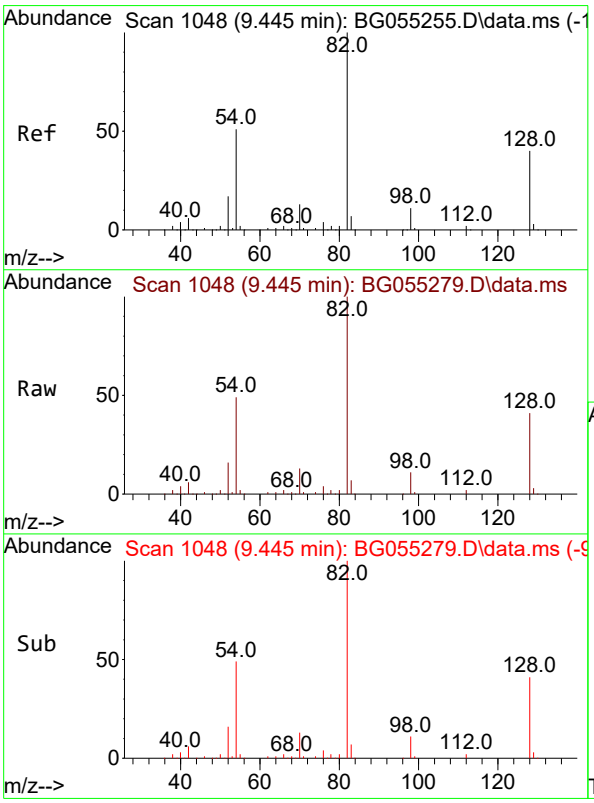
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 181598

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	9.0	7.8	11.8
68	7.6	5.8	8.6

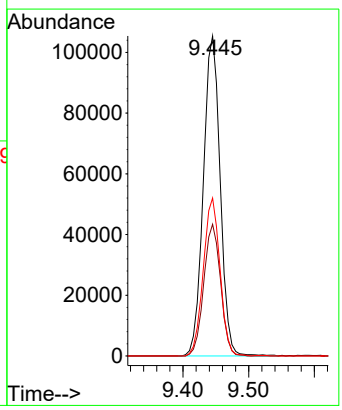


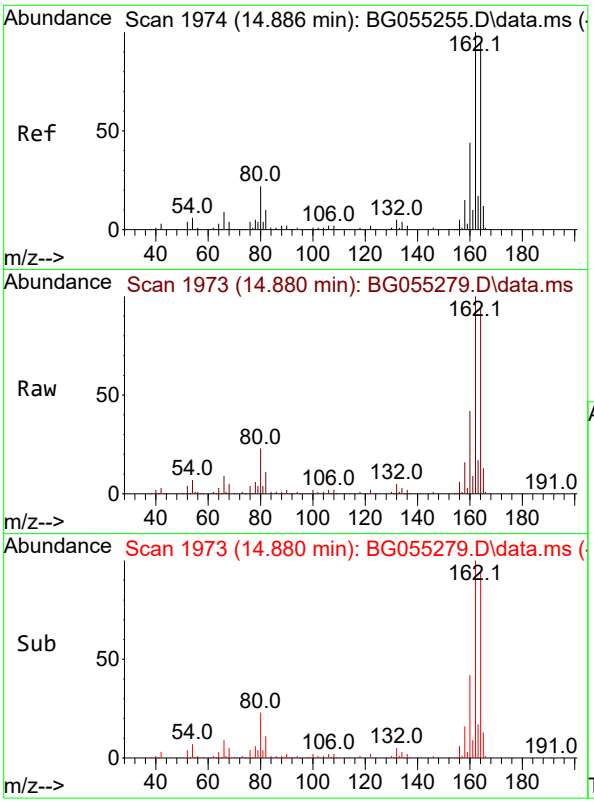


#23
Nitrobenzene-d5
Concen: 52.941 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion: 82 Resp: 188277

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.0	48.0
54	49.4	40.9	61.3



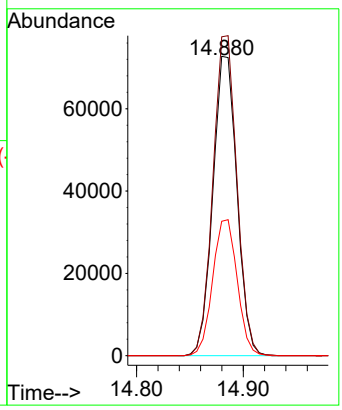


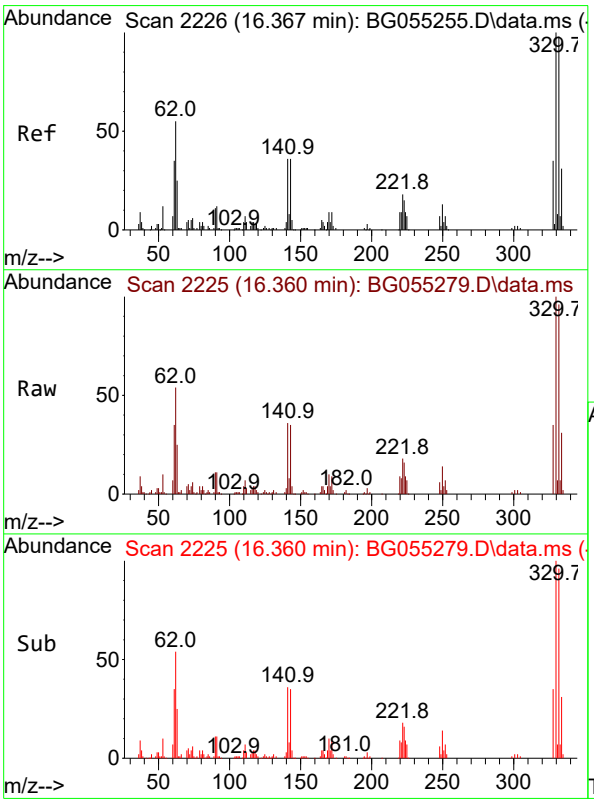
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 113969

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.0	126.0
160	44.9	36.7	55.1

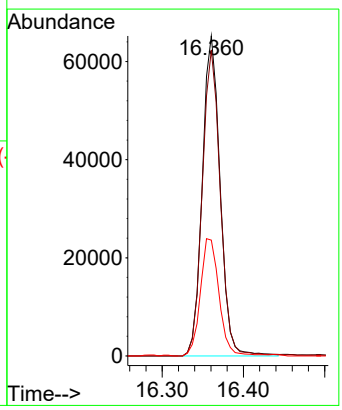


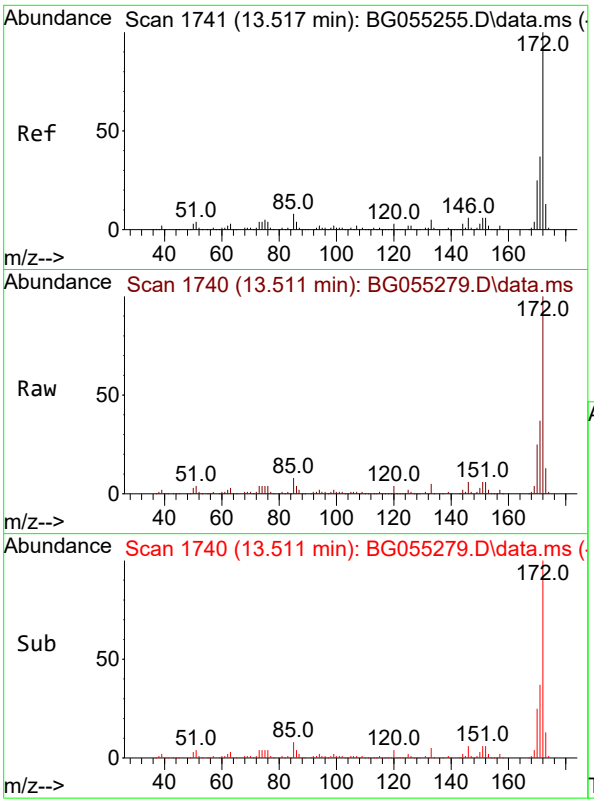


#42
2,4,6-Tribromophenol
Concen: 80.217 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:330 Resp: 99384

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	38.7	29.8	44.8



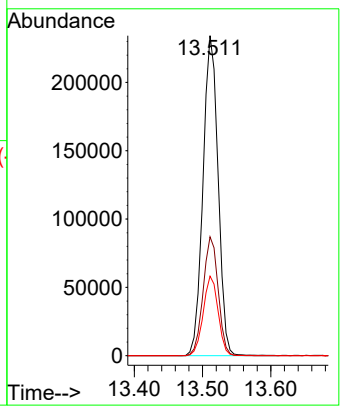


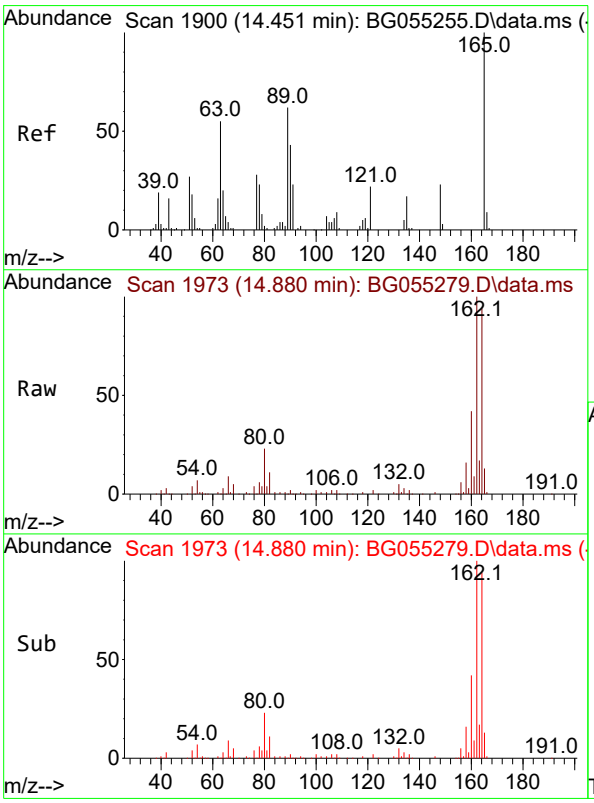
#45
2-Fluorobiphenyl
Concen: 51.740 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 360272

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.8	20.2	30.2

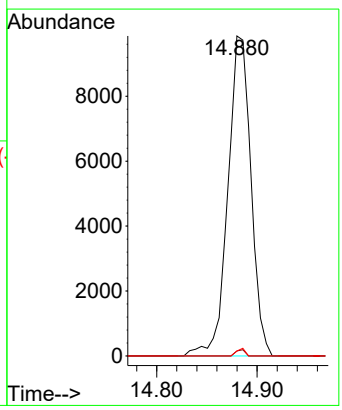


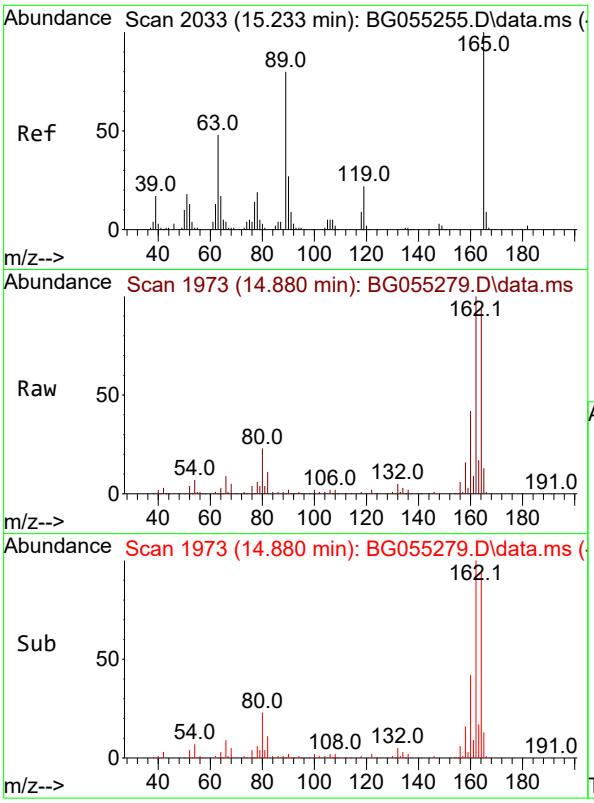


#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.428 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:165 Resp: 15754

Ion	Ratio	Lower	Upper
165	100		
63	1.6	49.2	73.8#
89	1.6	49.9	74.9#



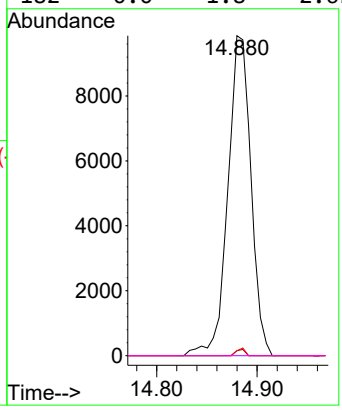


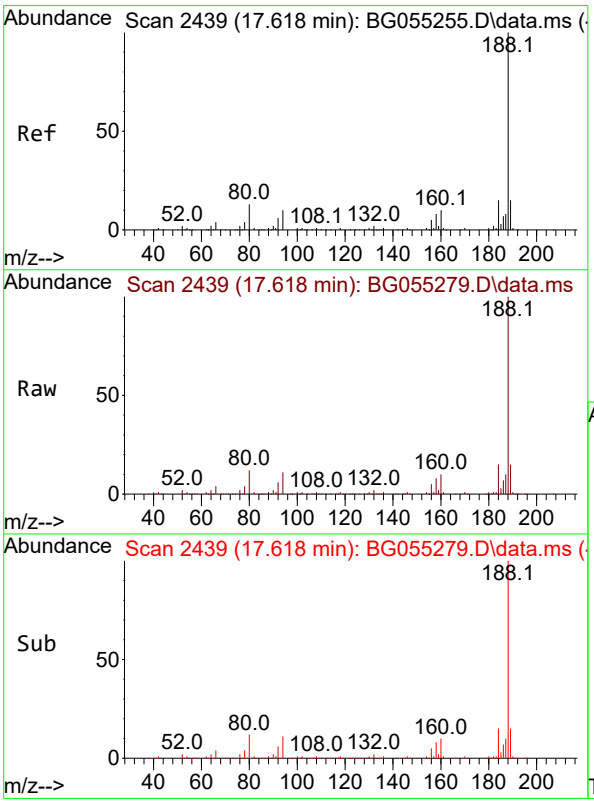
#57
2,4-Dinitrotoluene
Concen: 5.962 ng
RT: 14.880 min Scan# 1
Delta R.T. -0.353 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15754

Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.9	58.3#
89	1.6	64.2	96.4#
182	0.0	1.8	2.6#

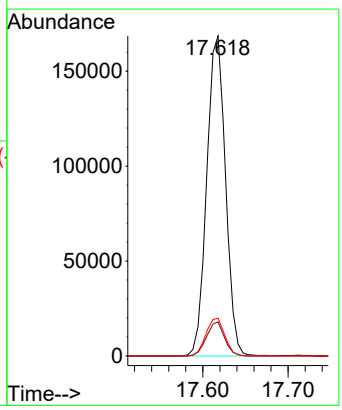


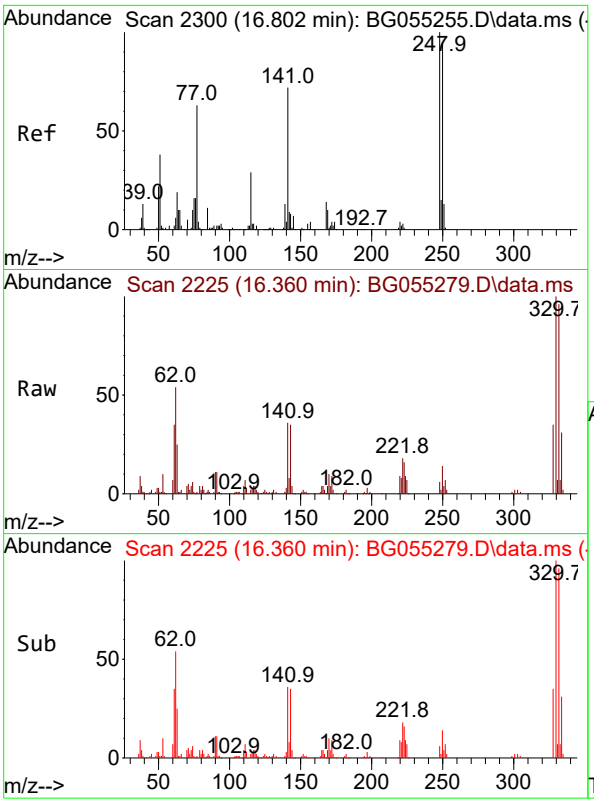


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:188 Resp: 257667

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	11.8	10.1	15.1



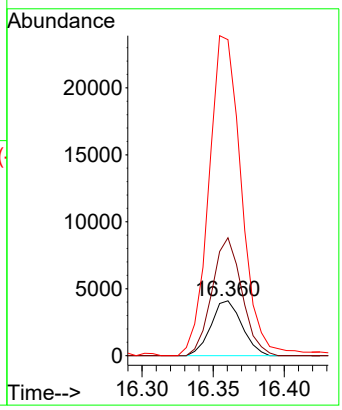


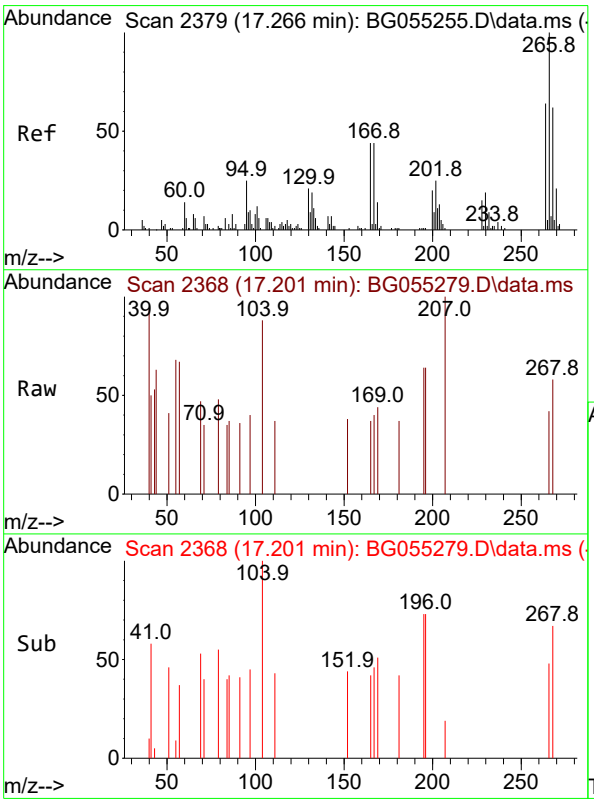
#67
4-Bromophenyl-phenylether
Concen: 2.491 ng
RT: 16.360 min Scan# 2
Delta R.T. -0.441 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 6235

Ion	Ratio	Lower	Upper
248	100		
250	215.1	76.0	114.0#
141	576.0	58.0	87.0#

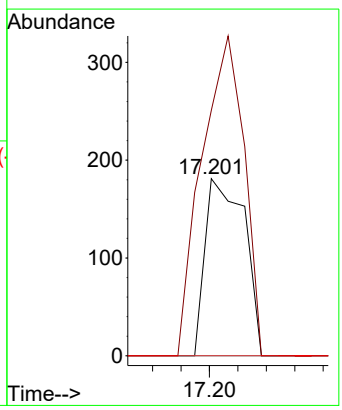


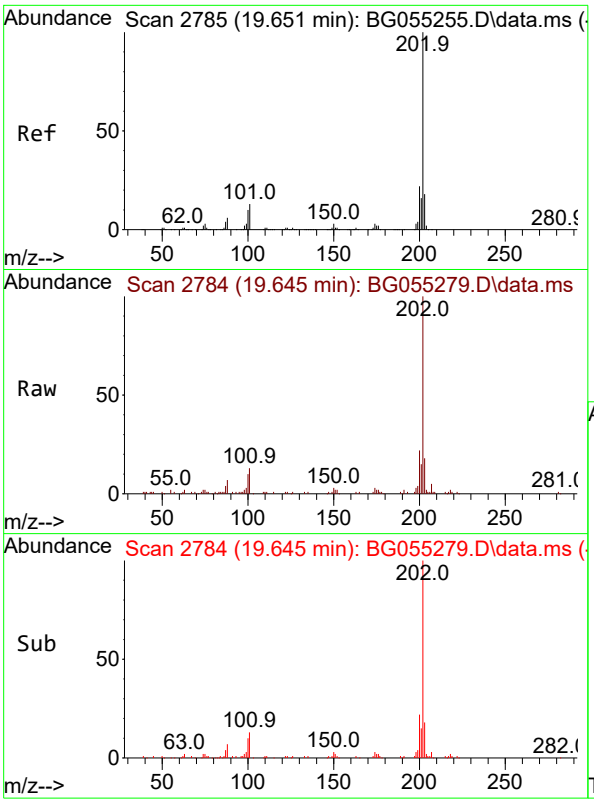


#70
Pentachlorophenol
Concen: 2.648 ng
RT: 17.201 min Scan# 2368
Delta R.T. -0.065 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:266 Resp: 173

Ion	Ratio	Lower	Upper
266	100		
268	138.7	53.2	79.8#
264	0.0	51.5	77.3#



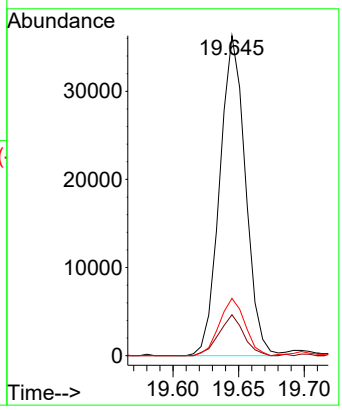


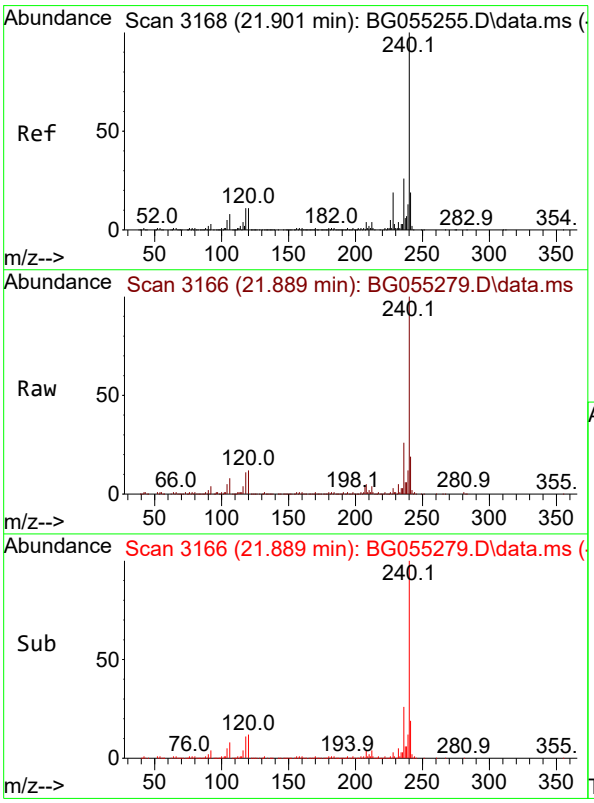
#75
Fluoranthene
Concen: 3.088 ng
RT: 19.645 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 49444

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.6
203	17.9	0.0	38.3

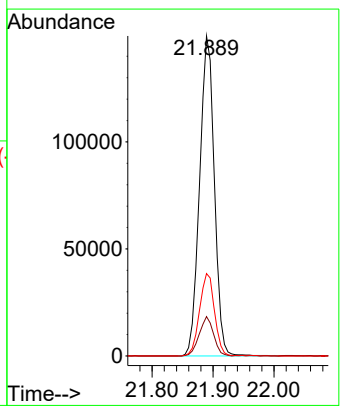


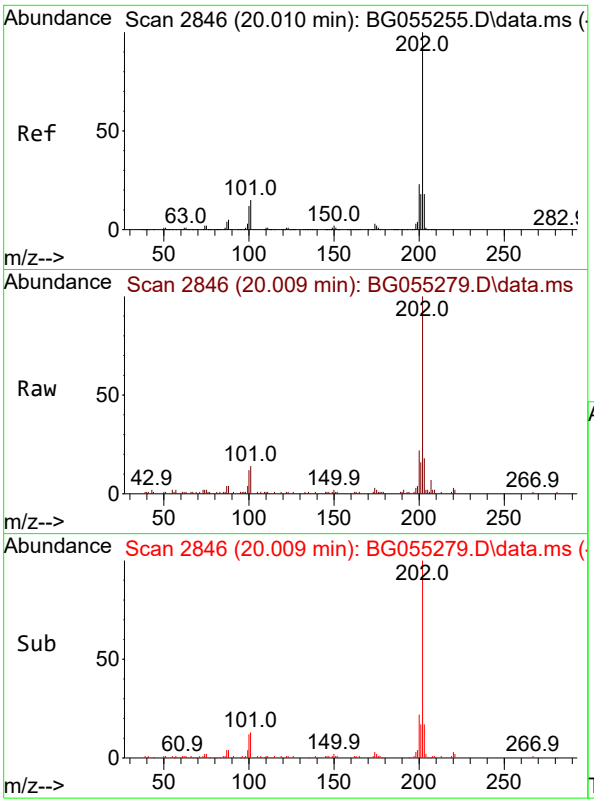


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:240 Resp: 251202

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.9	13.3
236	25.8	21.0	31.4



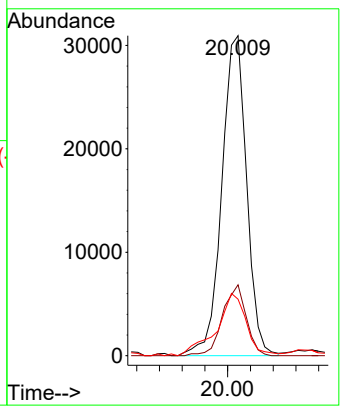


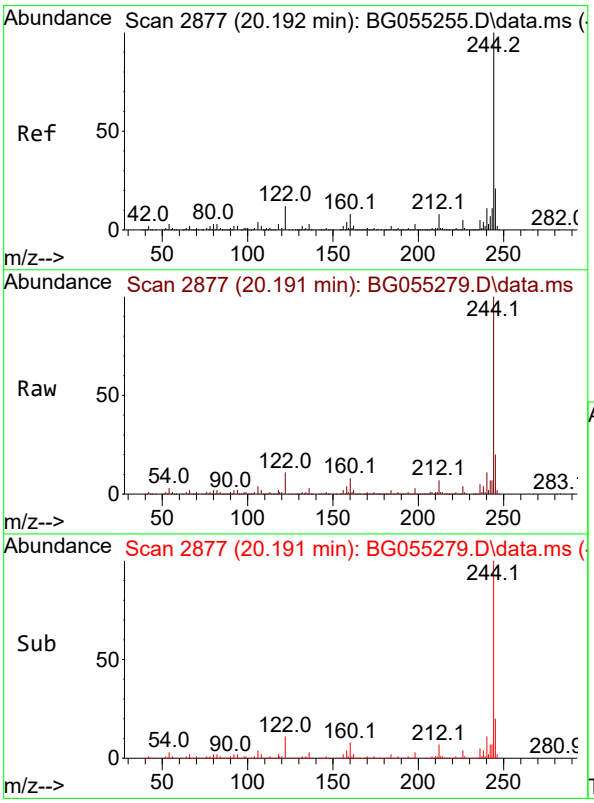
#78
Pyrene
Concen: 2.729 ng
RT: 20.009 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 46985

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	17.7	14.3	21.5

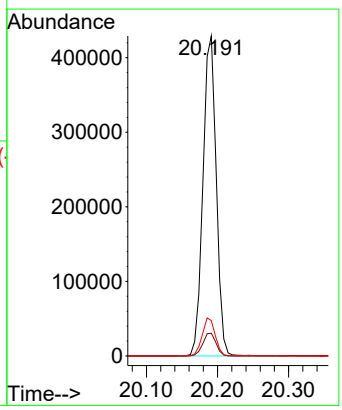


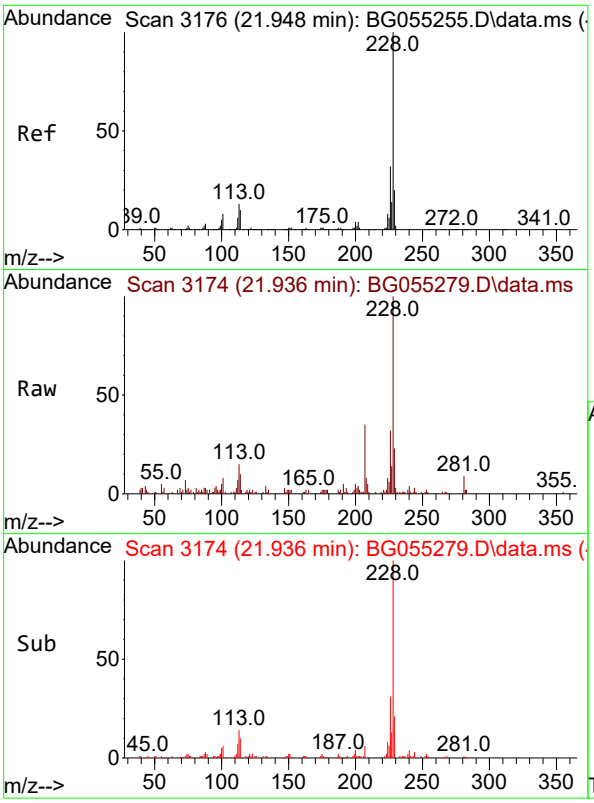


#79
Terphenyl-d14
Concen: 46.281 ng
RT: 20.191 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:244 Resp: 559564

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	9.6	14.4



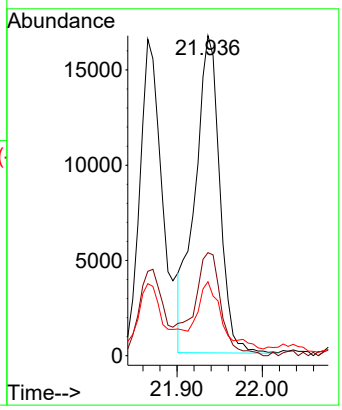


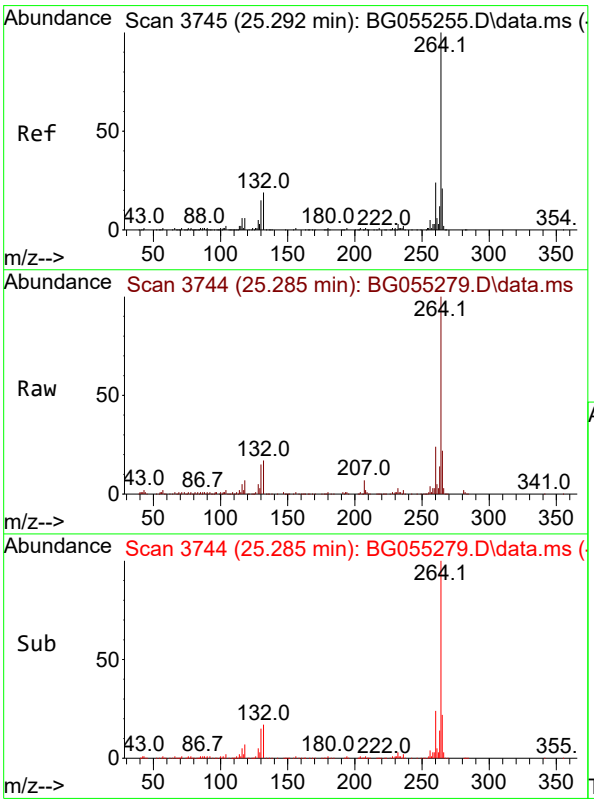
#83
Chrysene
Concen: 2.110 ng
RT: 21.936 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 33812

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.8	38.8
229	23.1	16.3	24.5

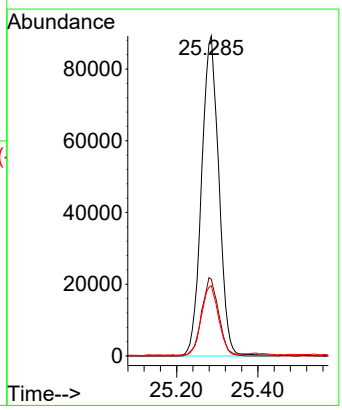


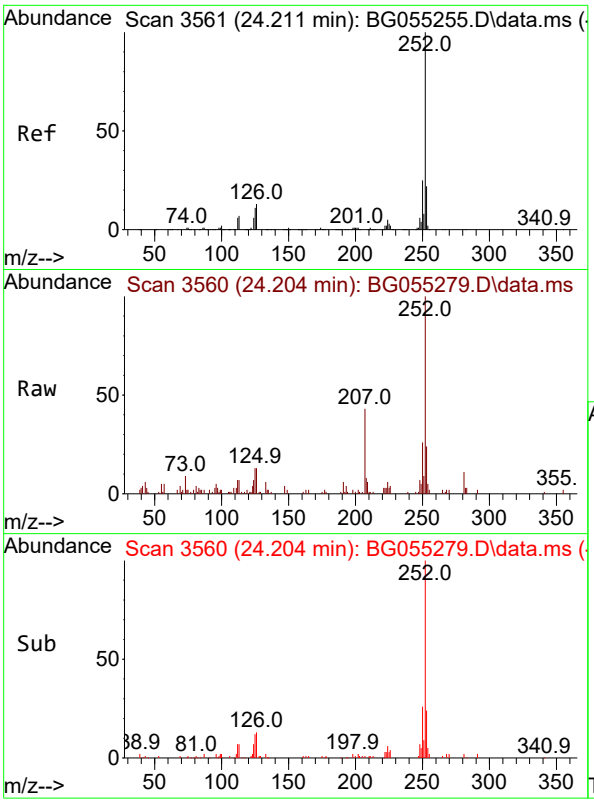


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.285 min Scan# 3744
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:264 Resp: 263340

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.4	26.2



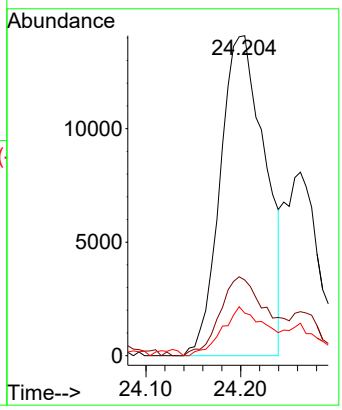


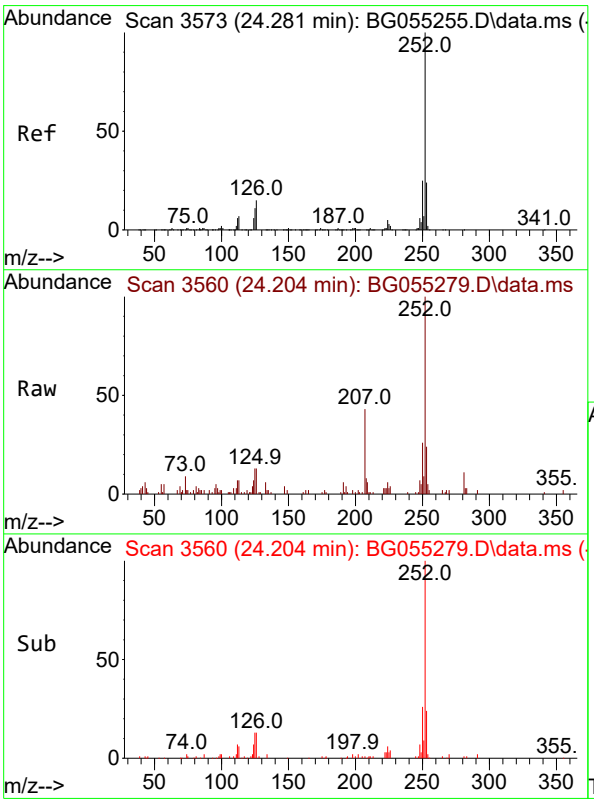
#88
Benzo(b)fluoranthene
Concen: 2.917 ng
RT: 24.204 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 46211

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	13.3	9.0	13.4

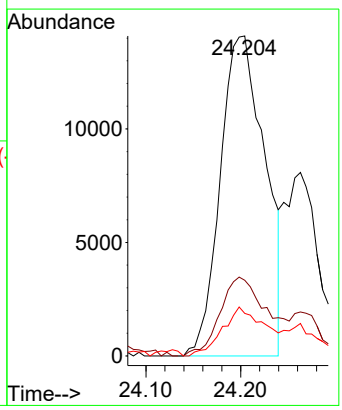


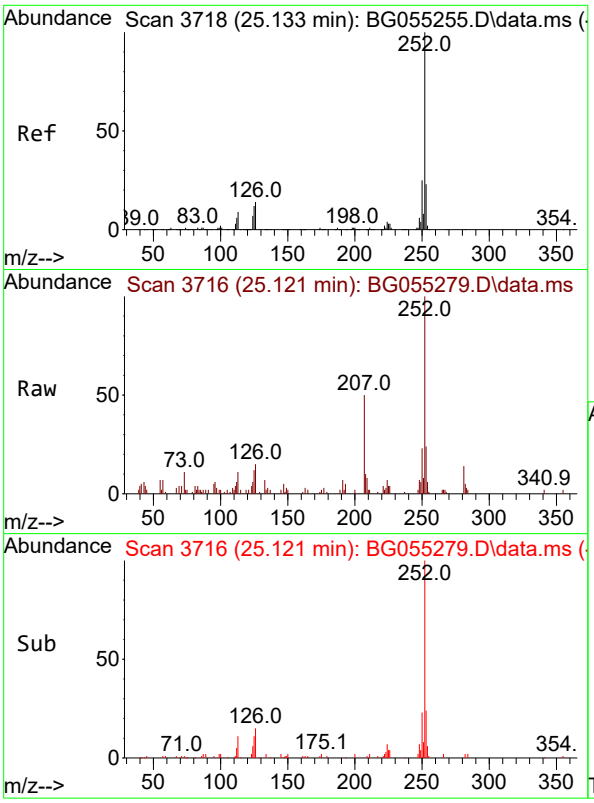


#89
Benzo(k)fluoranthene
Concen: 2.889 ng
RT: 24.204 min Scan# 3560
Delta R.T. -0.077 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:252 Resp: 46211

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	27.8
125	13.3	9.1	13.7





#90
Benzo(a)pyrene
Concen: 2.461 ng
RT: 25.121 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 33426

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	12.2	9.8	14.8