Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG055995.D
Acq On : 16 Dec 2022 15:43
Operator : CG/JU
Sample : N6037-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Quant Time: Dec 17 01:21:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.376	152	8398	20.000	ng		0.00
21) Naphthalene-d8	11.208	136	30049	20.000	ng	#	0.00
39) Acenaphthene-d10	14.980	164	23765	20.000	ng		0.00
64) Phenanthrene-d10	17.718	188	68991	20.000	ng		0.00
76) Chrysene-d12	22.025	240	75746	20.000	ng		0.00
86) Perylene-d12	25.532	264	92531	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.891	112	27282	76.186	ng		0.00
7) Phenol-d6	7.500	99	42808	92.947	ng		0.00
23) Nitrobenzene-d5	9.545	82	29063	67.589	ng		0.00
42) 2,4,6-Tribromophenol	16.455	330	24884	43.424	ng		0.00
45) 2-Fluorobiphenyl	13.611	172	106171	62.656	ng		0.00
79) Terphenyl-d14	20.291	244	292800	68.319	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.545	70	4678	14.170	ng	#	65
48) 2-Nitroaniline	13.605	65	60	3.033	ng	#	1
51) 2,6-Dinitrotoluene	14.980	165	3146	9.895	ng	#	25
57) 2,4-Dinitrotoluene	14.980	165	3146	6.555	ng	#	35
68) Hexachlorobenzene	17.289	284	23495	18.868	ng	#	50
71) Phenanthrene	17.759	178	67784	18.748	ng		98
72) Anthracene	17.847	178	10001	2.796	ng		96
75) Fluoranthene	19.745	202	45370	8.961	ng		99
77) Benzidine	20.291	184	4767	3.584	ng	#	92
78) Pyrene	20.109	202	68539	14.954	ng		98
80) Butylbenzylphthalate	20.579	149	354038	272.593	ng	#	31
81) Benzo(a)anthracene	22.007	228	30863	5.790	ng		96
83) Chrysene	22.078	228	28972	5.800	ng		94
88) Benzo(b)fluoranthene	24.410	252	22892	3.823	ng	#	95
89) Benzo(k)fluoranthene	24.410	252	22892	3.831	ng	#	97
90) Benzo(a)pyrene	25.362	252	19172	3.787	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
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Misc :
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Instrument :
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RB-18-(2-4)

Quant Time: Dec 17 01:21:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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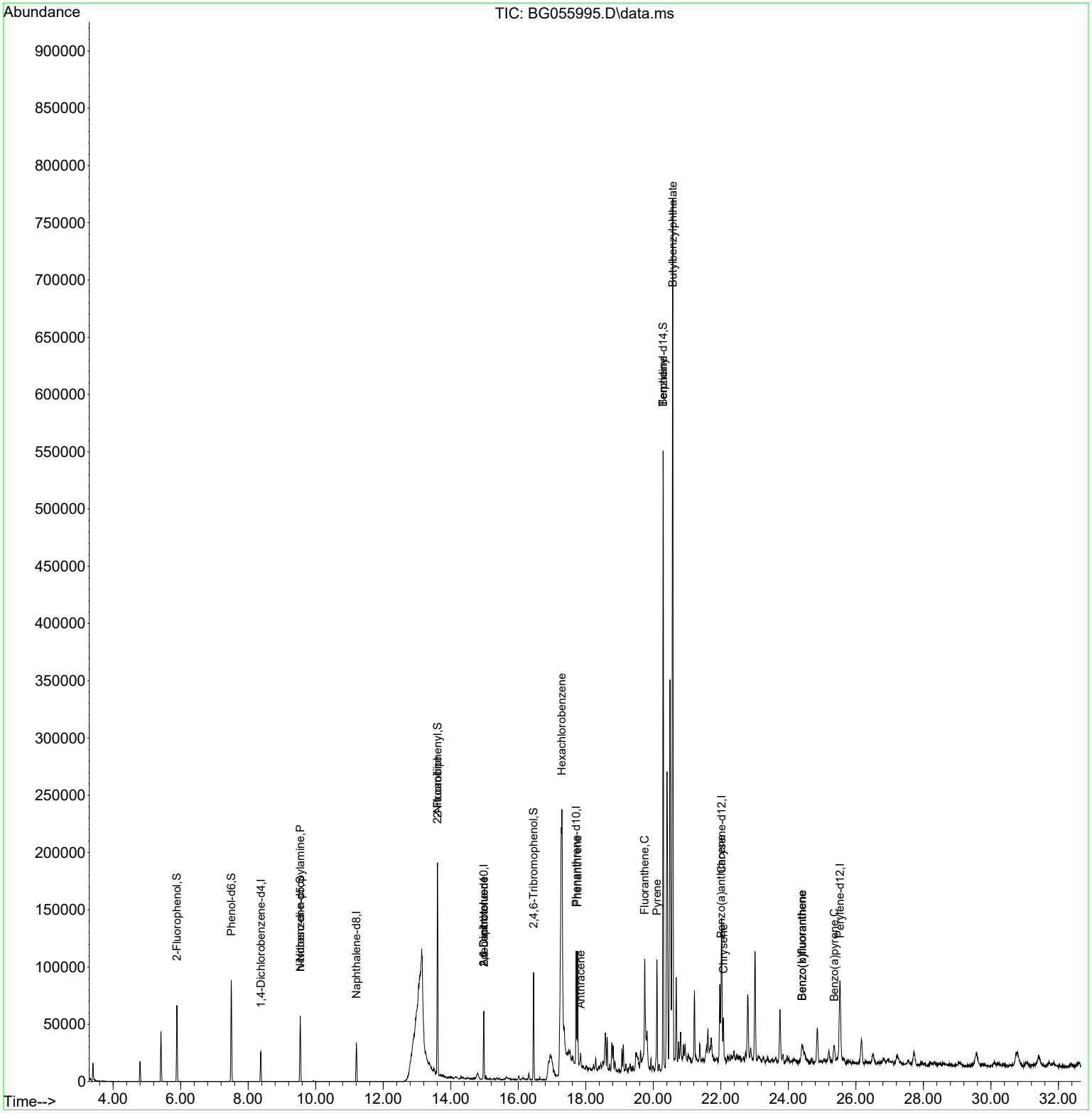
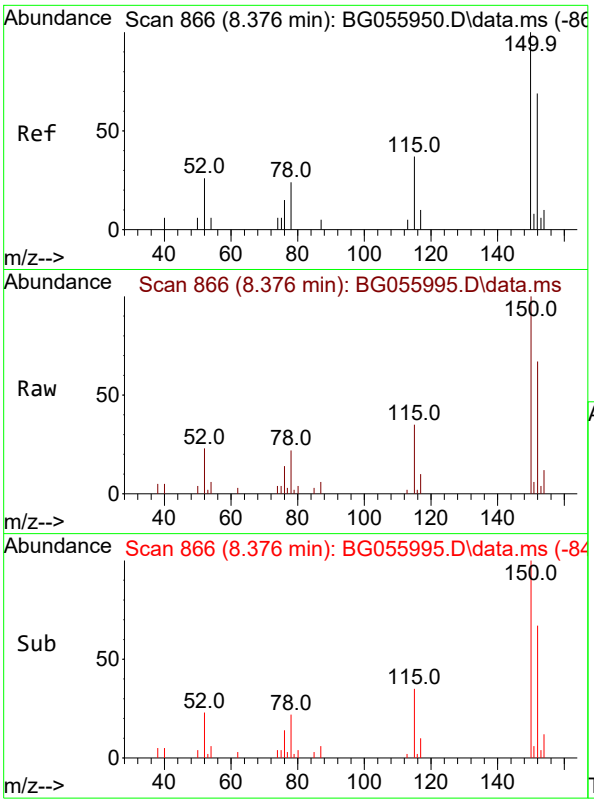


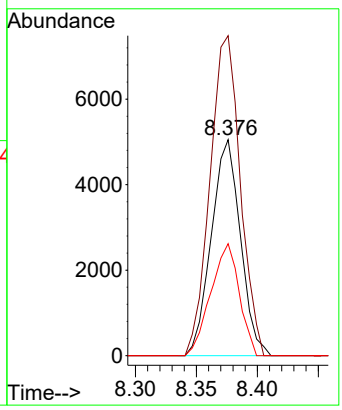


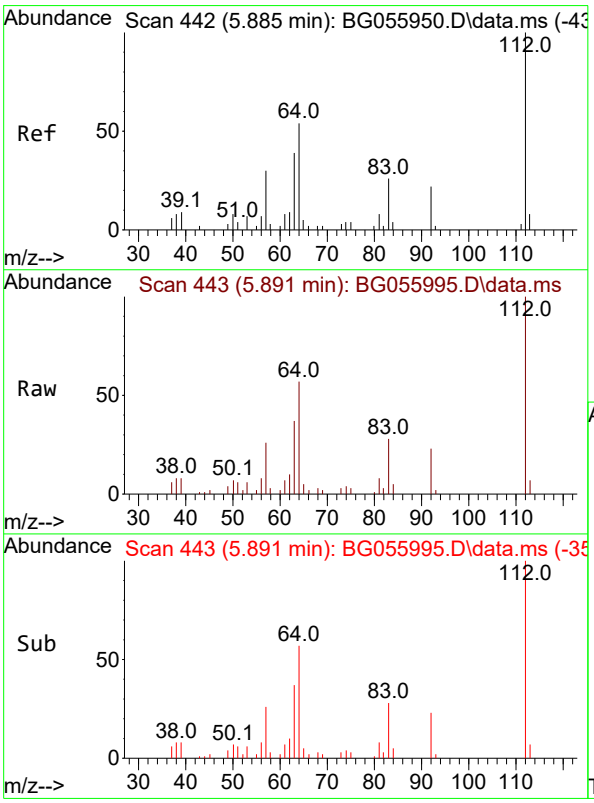
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.376 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:152 Resp: 8398

Ion	Ratio	Lower	Upper
152	100		
150	148.2	115.7	173.5
115	51.9	43.0	64.4

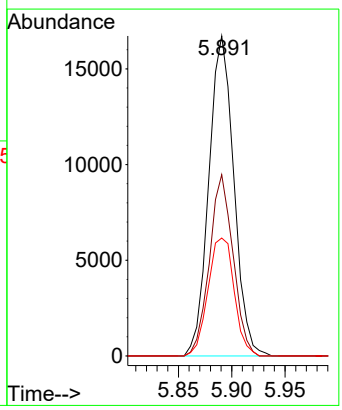


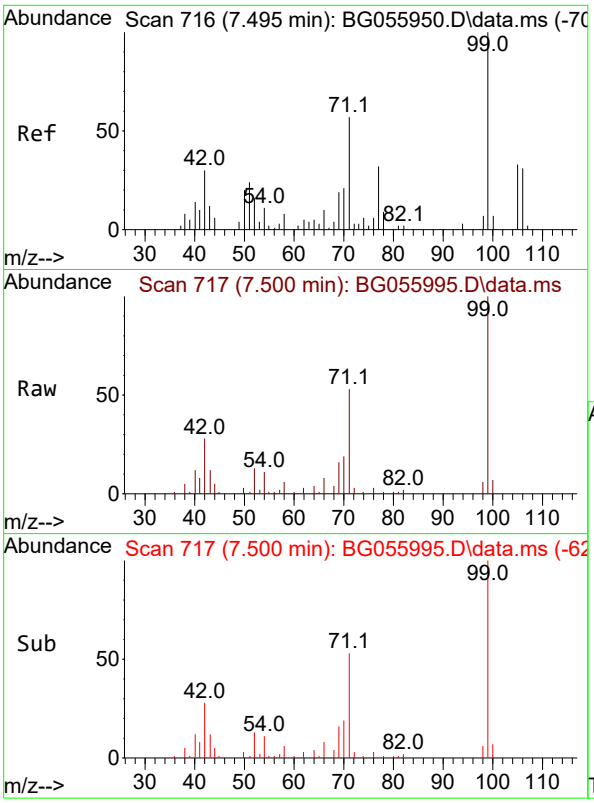


#5
2-Fluorophenol
Concen: 76.186 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:112 Resp: 27282

Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.0	64.4
63	36.9	31.4	47.2



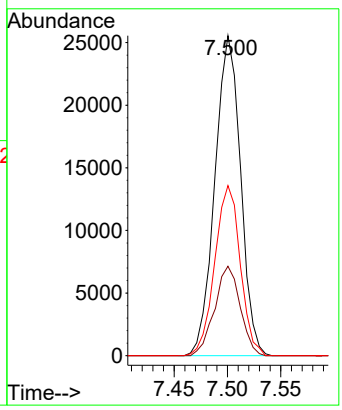


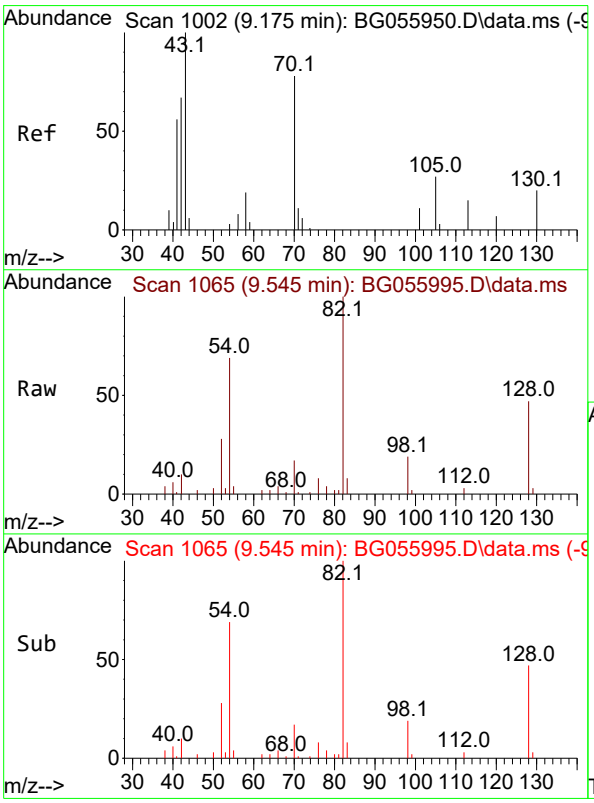
#7
Phenol-d6
Concen: 92.947 ng
RT: 7.500 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion: 99 Resp: 42808

Ion	Ratio	Lower	Upper
99	100		
42	28.0	24.3	36.5
71	53.2	45.6	68.4

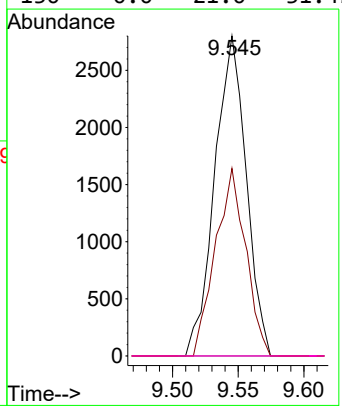


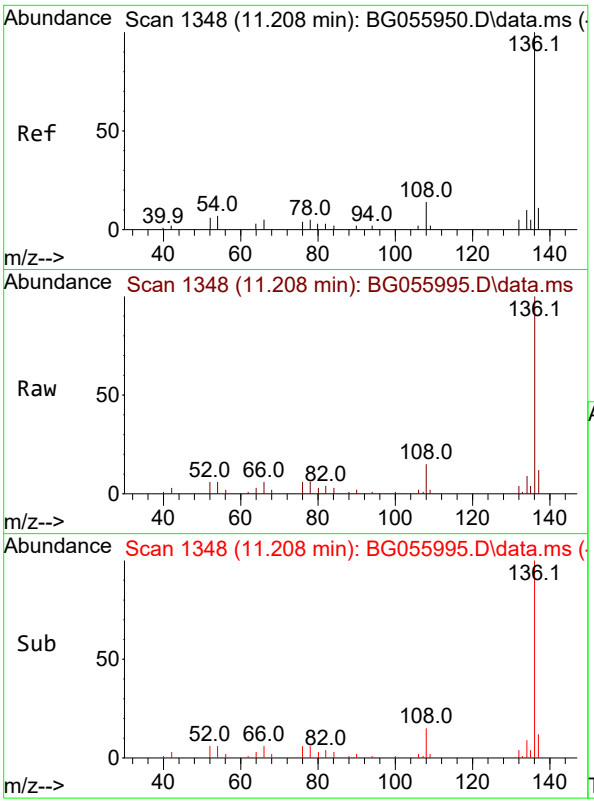


#19
n-Nitroso-di-n-propylamine
Concen: 14.170 ng
RT: 9.545 min Scan# 1065
Delta R.T. 0.370 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion: 70 Resp: 4678

Ion	Ratio	Lower	Upper
70	100		
42	58.6	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#



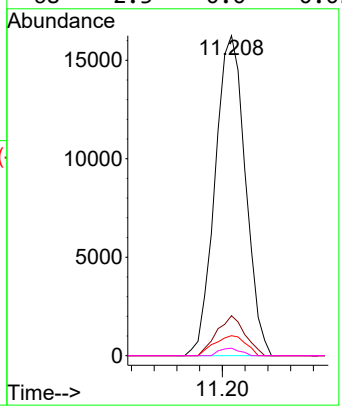


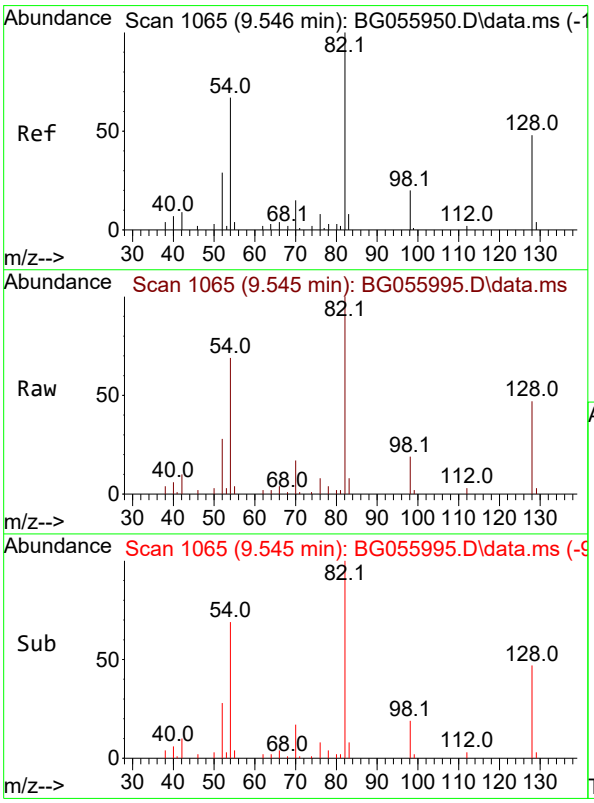
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:136 Resp: 30049

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	6.2	5.6	8.4
68	2.3	0.0	0.0#

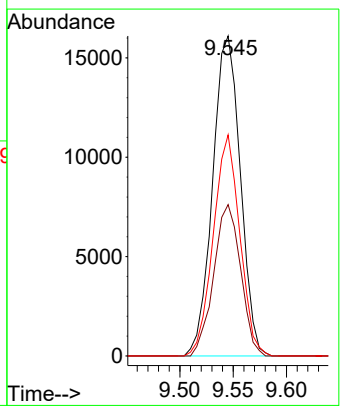


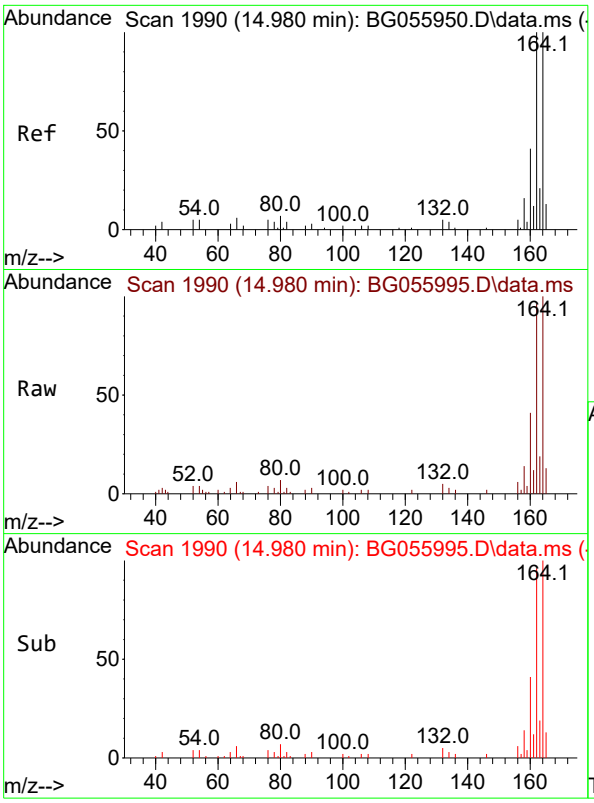


#23
Nitrobenzene-d5
Concen: 67.589 ng
RT: 9.545 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion: 82 Resp: 29063

Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.4	57.6
54	69.1	53.3	79.9



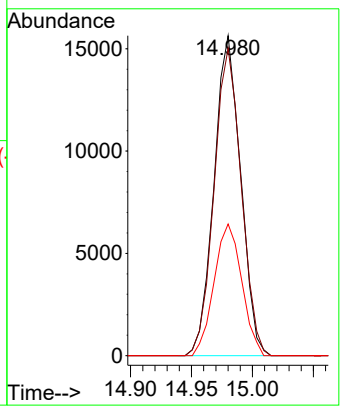


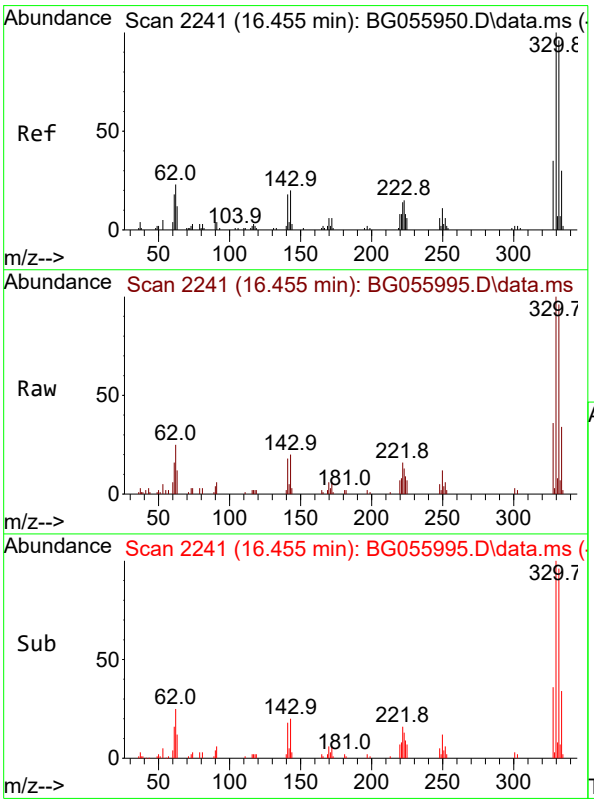
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:164 Resp: 23765

Ion	Ratio	Lower	Upper
164	100		
162	96.0	79.8	119.8
160	41.1	33.0	49.4

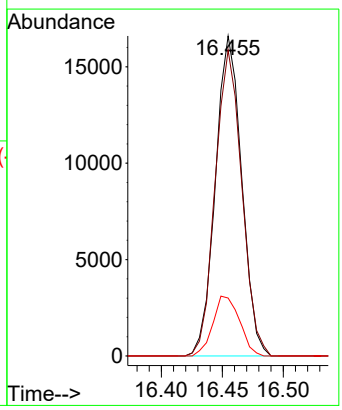


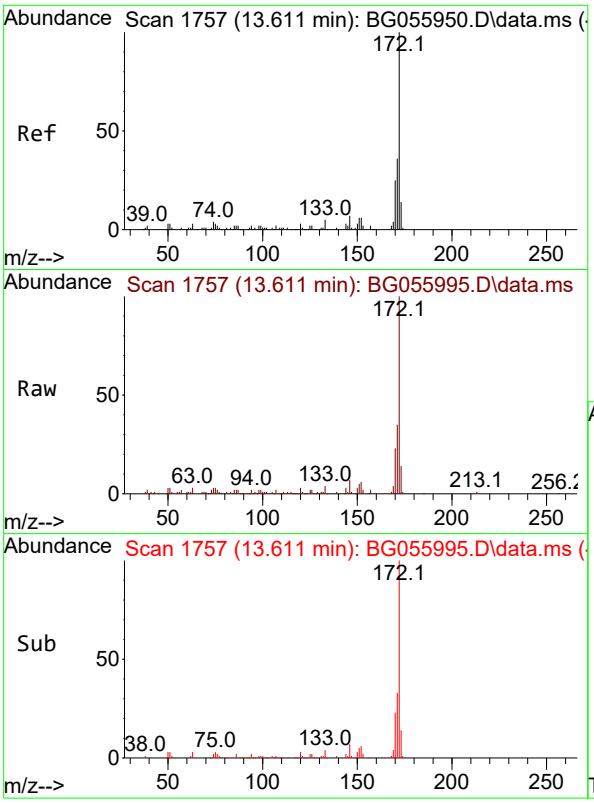


#42
2,4,6-Tribromophenol
Concen: 43.424 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:330 Resp: 24884

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	19.0	15.0	22.4



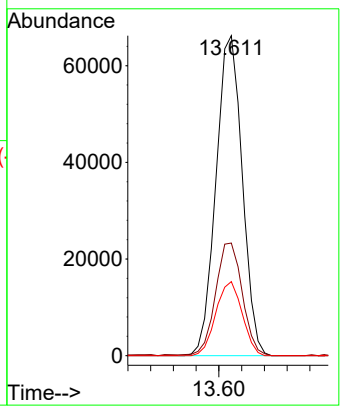


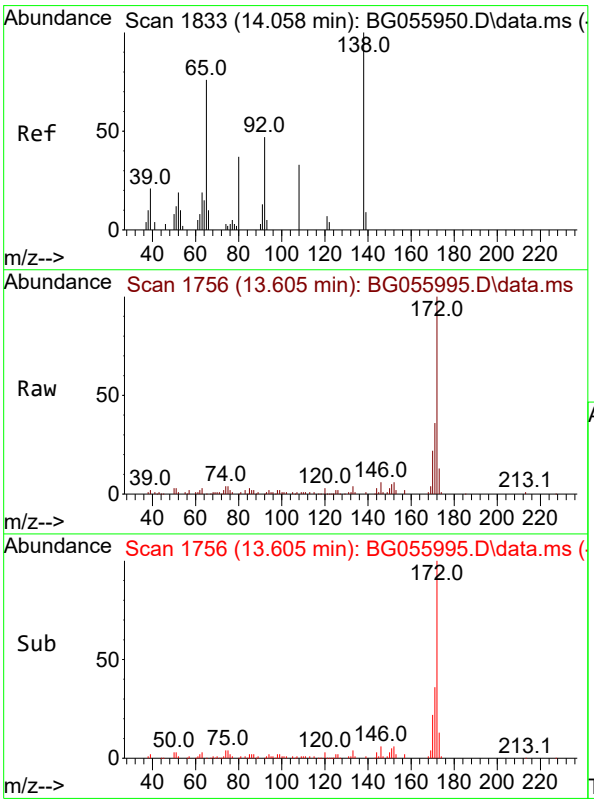
#45
2-Fluorobiphenyl
Concen: 62.656 ng
RT: 13.611 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:172 Resp: 106171

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	19.9	29.9

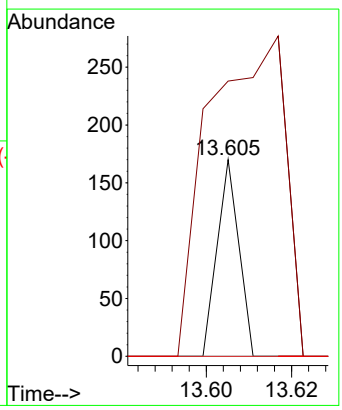


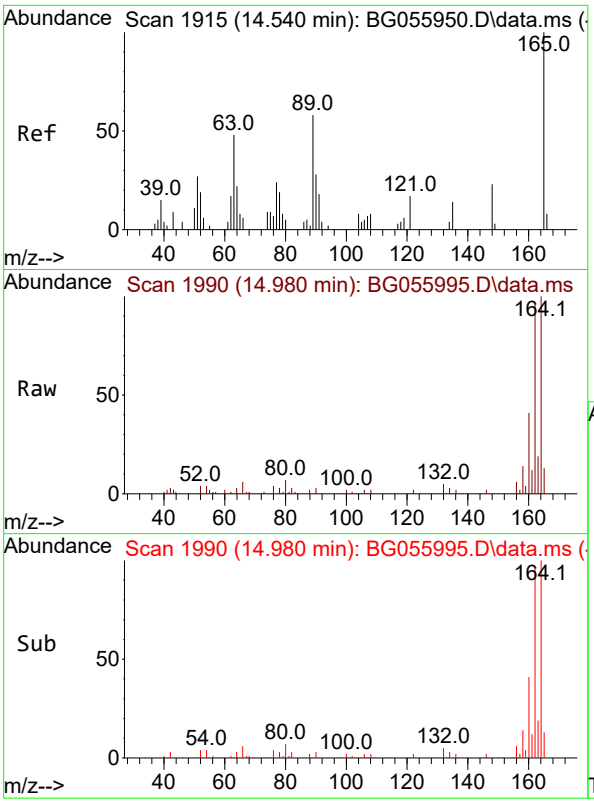


#48
2-Nitroaniline
Concen: 3.033 ng
RT: 13.605 min Scan# 1756
Delta R.T. -0.453 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion: 65 Resp: 60

Ion	Ratio	Lower	Upper
65	100		
92	140.0	49.7	74.5#
138	0.0	105.0	157.6#



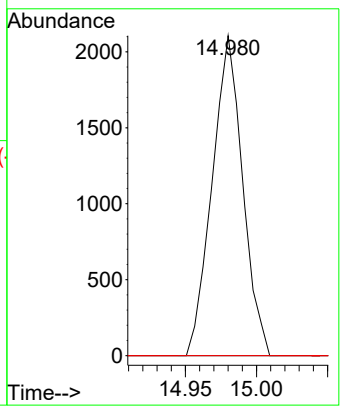


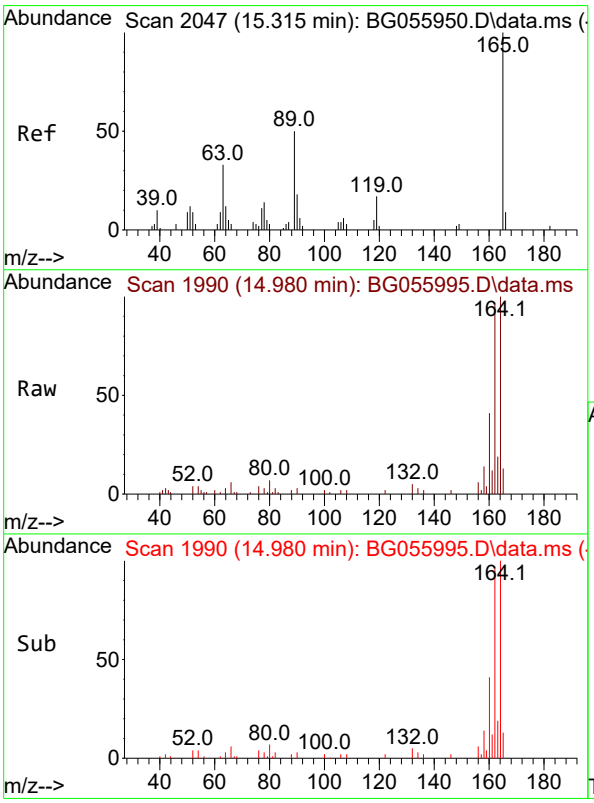
#51
2,6-Dinitrotoluene
Concen: 9.895 ng
RT: 14.980 min Scan# 1
Delta R.T. 0.434 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:165 Resp: 3146

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	46.3	69.5#

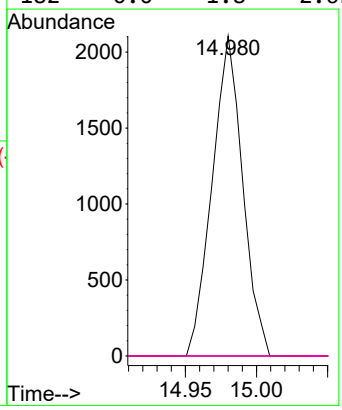


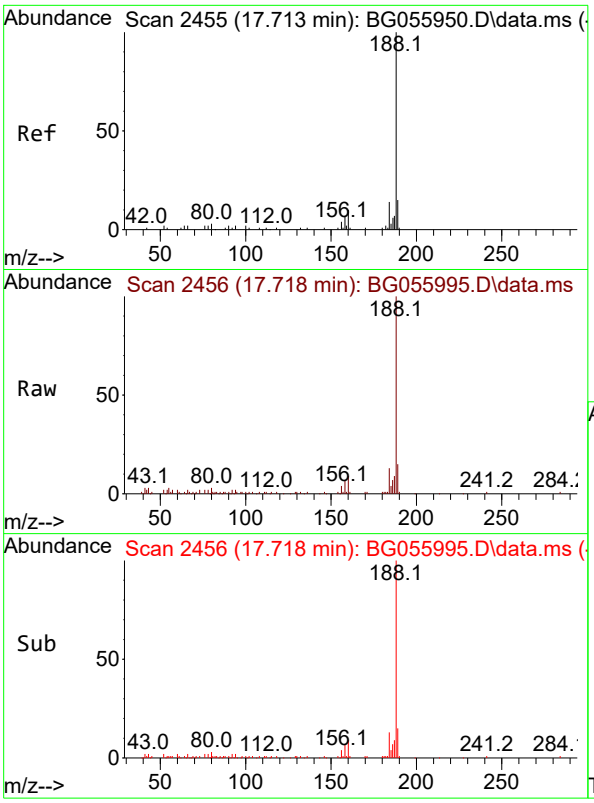


#57
2,4-Dinitrotoluene
Concen: 6.555 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.341 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:165 Resp: 3146

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.6	39.8#
89	0.0	40.1	60.1#
182	0.0	1.8	2.6#



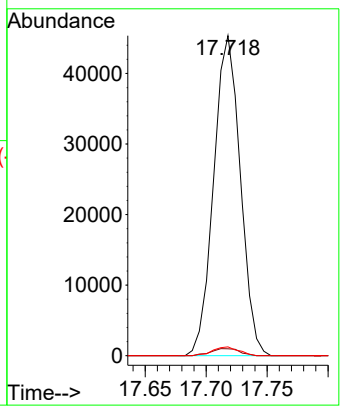


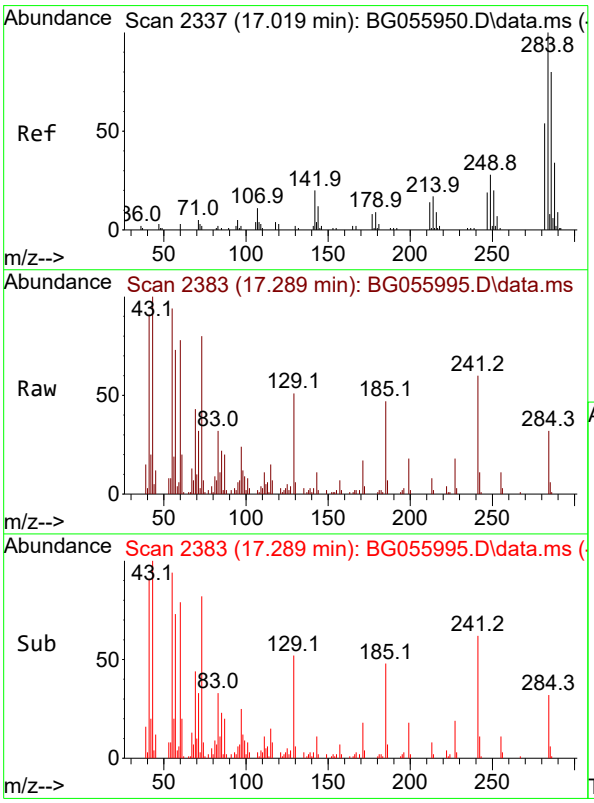
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:188 Resp: 68991

Ion	Ratio	Lower	Upper
188	100		
94	2.2	1.8	2.8
80	3.3	2.4	3.6

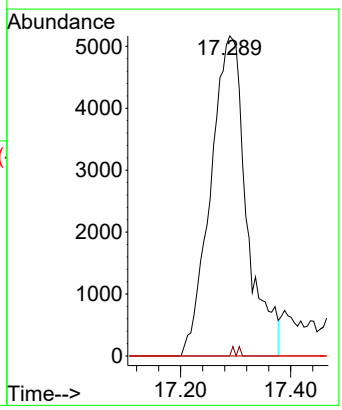


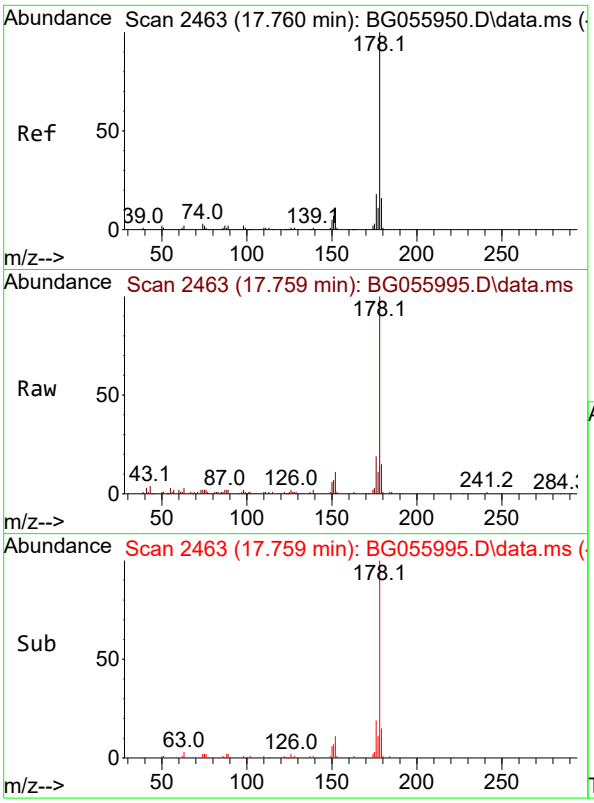


#68
Hexachlorobenzene
Concen: 18.868 ng
RT: 17.289 min Scan# 2383
Delta R.T. 0.264 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:284 Resp: 23495

Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.2#
249	0.0	22.8	34.2#



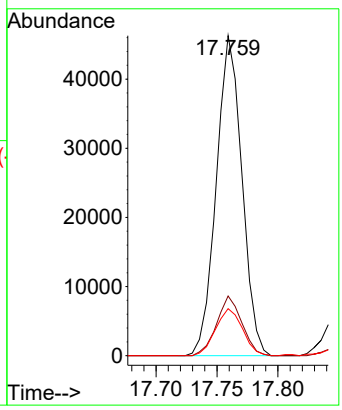


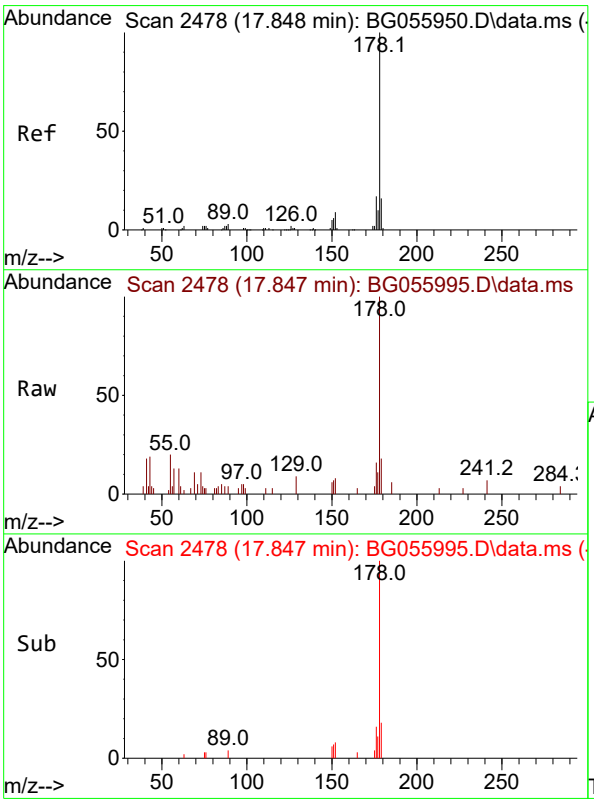
#71
Phenanthrene
Concen: 18.748 ng
RT: 17.759 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:178 Resp: 67784

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	14.7	12.7	19.1

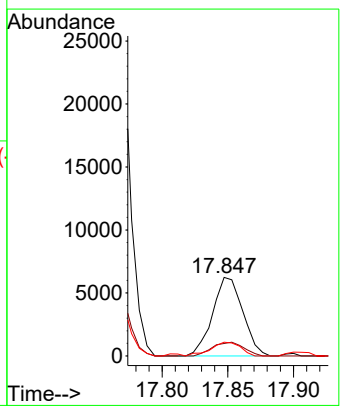


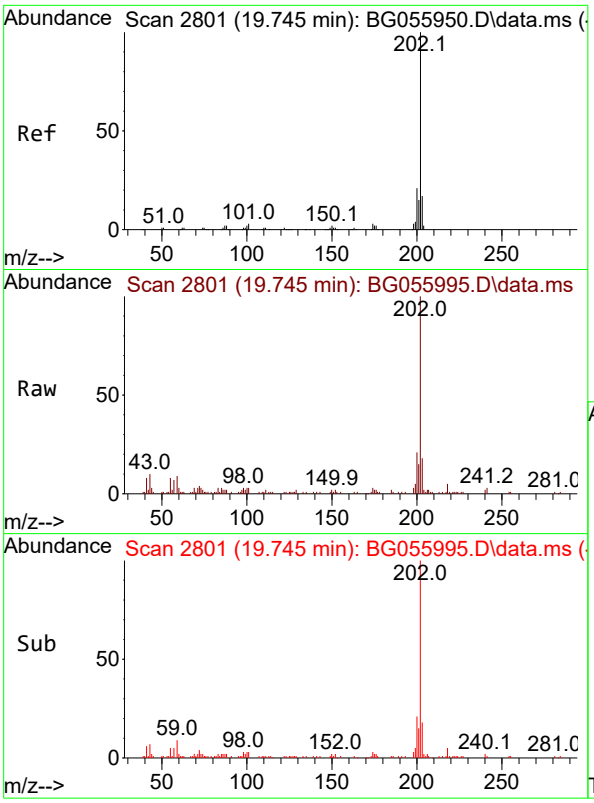


#72
Anthracene
Concen: 2.796 ng
RT: 17.847 min Scan# 2478
Delta R.T. -0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:178 Resp: 10001

Ion	Ratio	Lower	Upper
178	100		
176	15.9	13.9	20.9
179	17.5	12.7	19.1



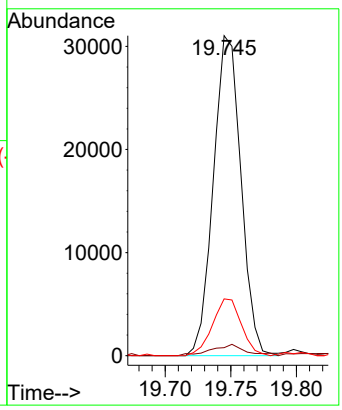


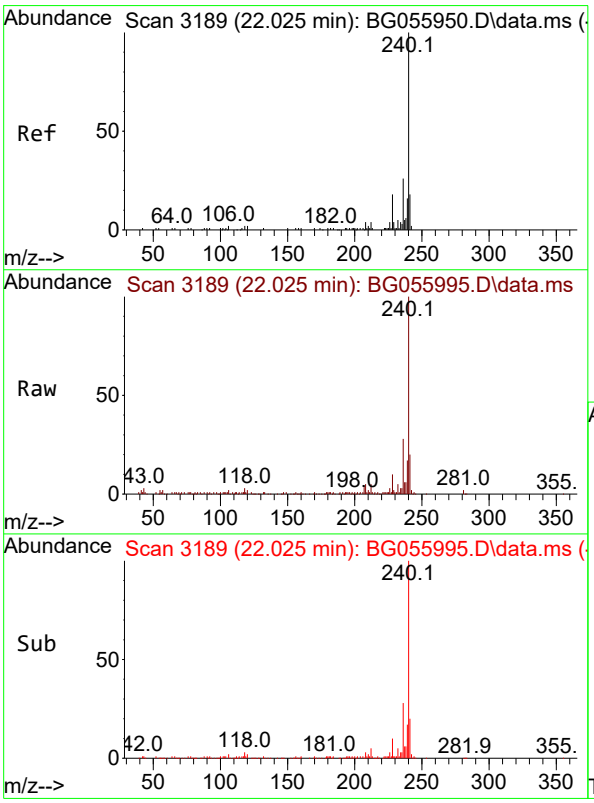
#75
Fluoranthene
Concen: 8.961 ng
RT: 19.745 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:202 Resp: 45370

Ion	Ratio	Lower	Upper
202	100		
101	2.5	0.0	22.6
203	17.8	0.0	37.1

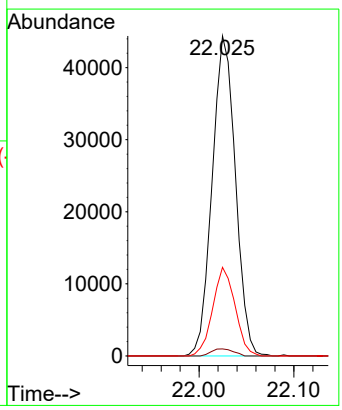


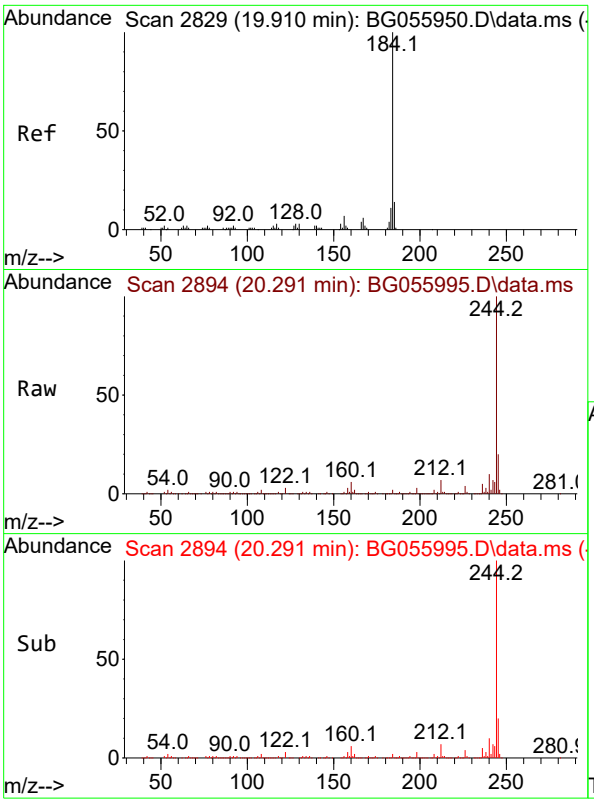


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:240 Resp: 75746

Ion	Ratio	Lower	Upper
240	100		
120	2.2	1.7	2.5
236	27.7	21.1	31.7



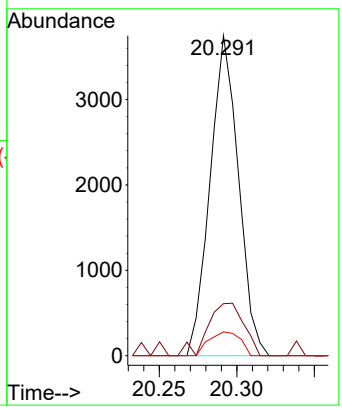


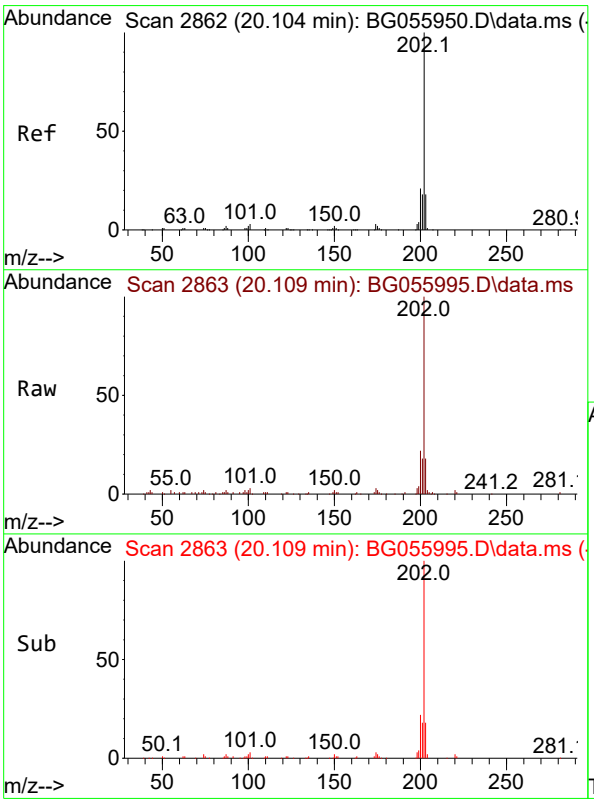
#77
Benzidine
Concen: 3.584 ng
RT: 20.291 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:184 Resp: 4767

Ion	Ratio	Lower	Upper
184	100		
185	16.3	10.9	16.3
183	7.5	9.2	13.8#

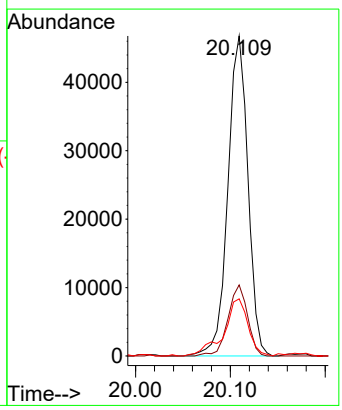


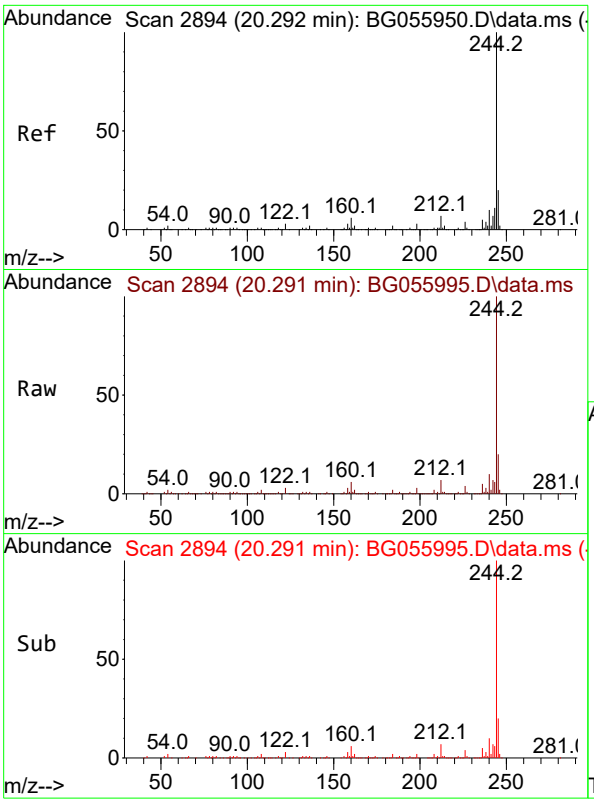


#78
Pyrene
Concen: 14.954 ng
RT: 20.109 min Scan# 2863
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:202 Resp: 68539

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.7	25.1
203	17.9	14.6	21.8



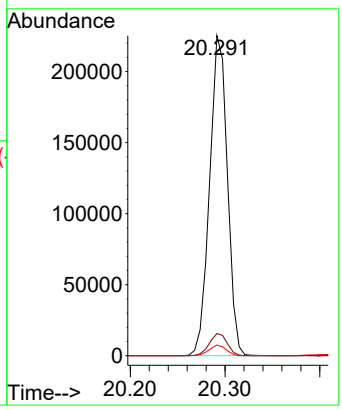


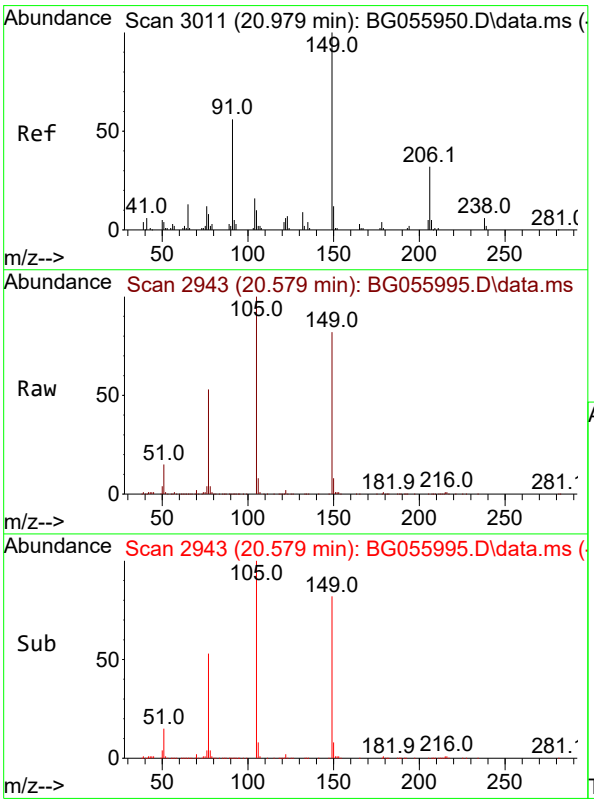
#79
Terphenyl-d14
Concen: 68.319 ng
RT: 20.291 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:244 Resp: 292800

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	3.4	2.5	3.7

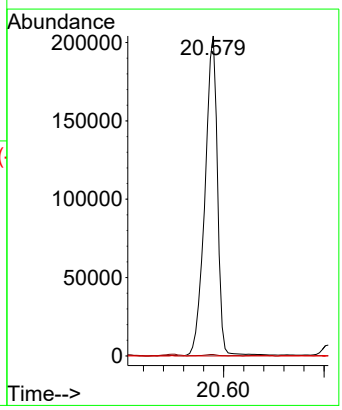


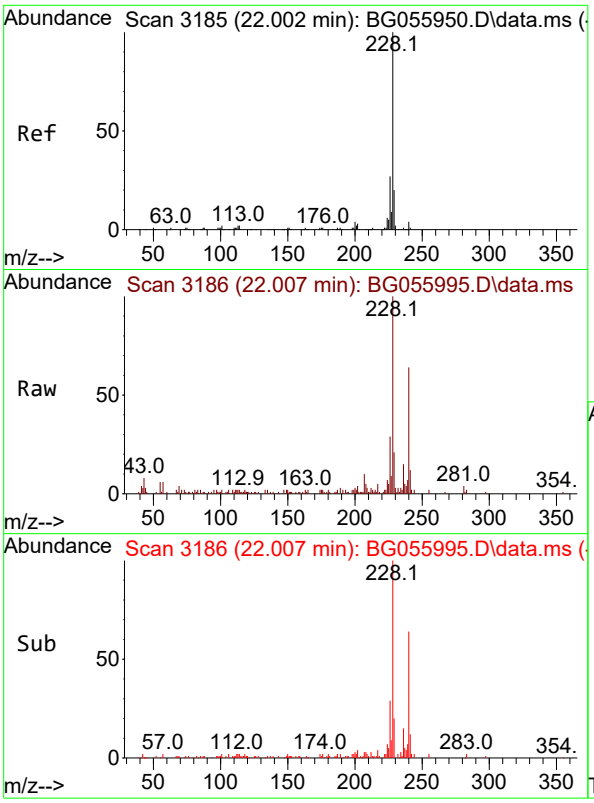


#80
Butylbenzylphthalate
Concen: 272.593 ng
RT: 20.579 min Scan# 2943
Delta R.T. -0.400 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:149 Resp: 354038

Ion	Ratio	Lower	Upper
149	100		
91	0.5	44.5	66.7#
206	0.0	25.8	38.6#



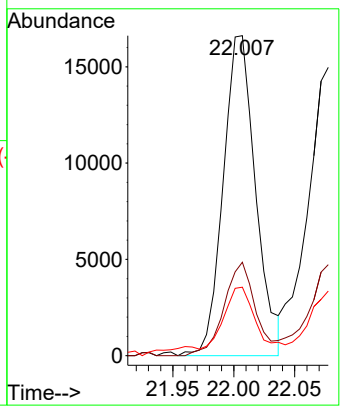


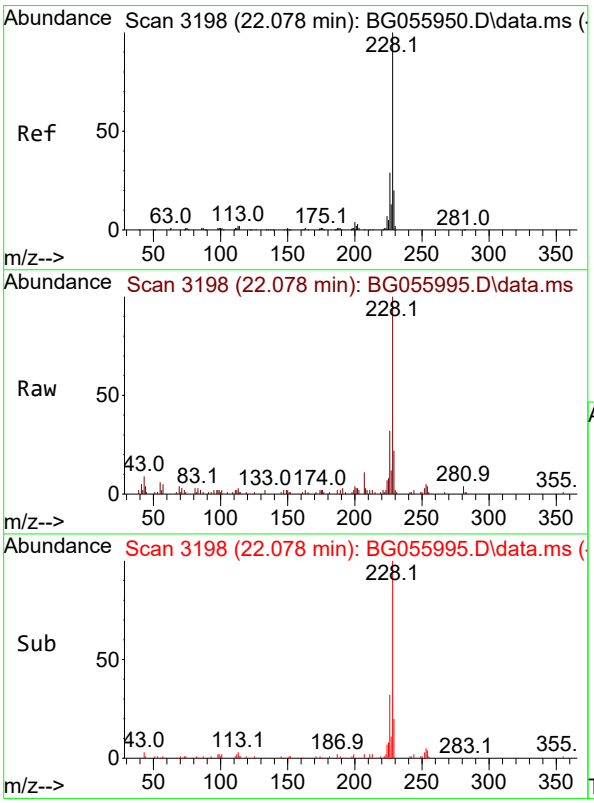
#81
Benzo(a)anthracene
Concen: 5.790 ng
RT: 22.007 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:228 Resp: 30863

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.8	32.6
229	21.4	15.9	23.9

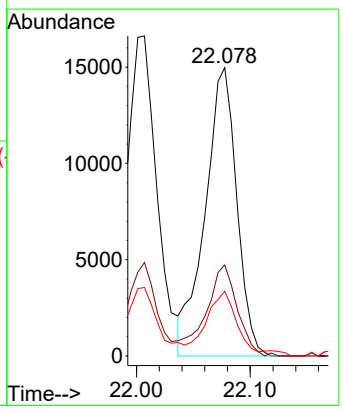


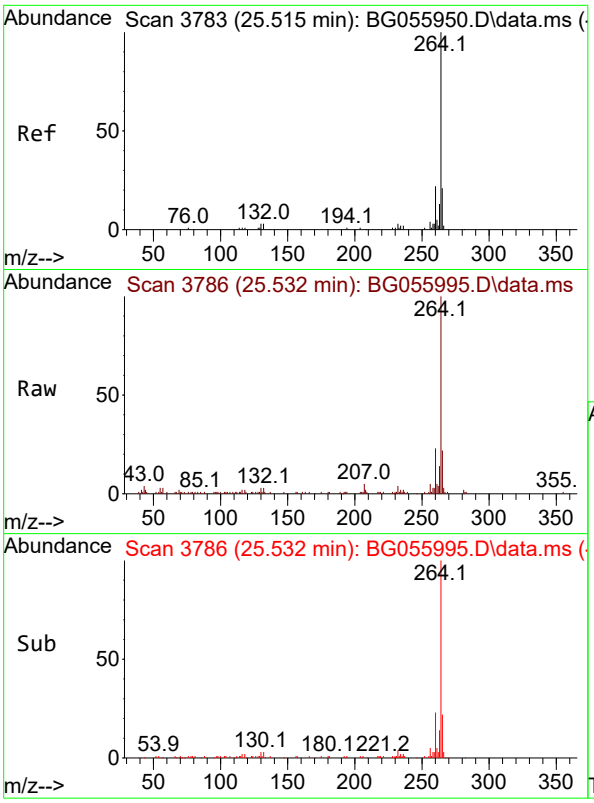


#83
Chrysene
Concen: 5.800 ng
RT: 22.078 min Scan# 3198
Delta R.T. -0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:228 Resp: 28972

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.1	34.7
229	22.4	15.7	23.5



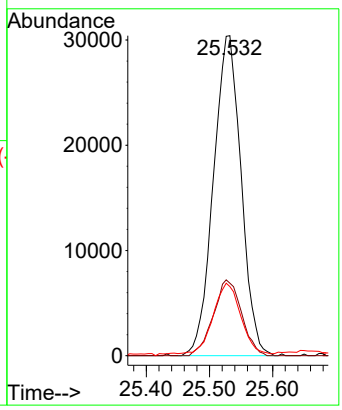


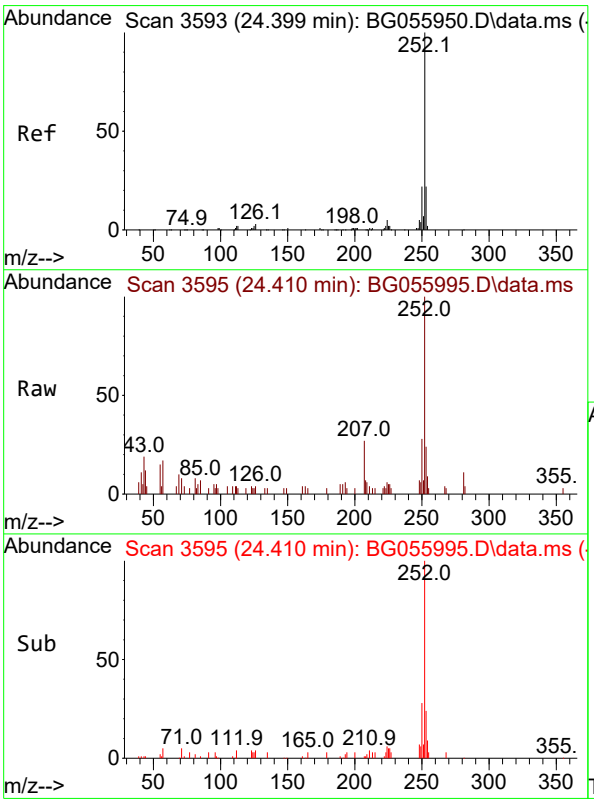
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.532 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:264 Resp: 92531

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.8	26.8
265	21.6	16.6	25.0

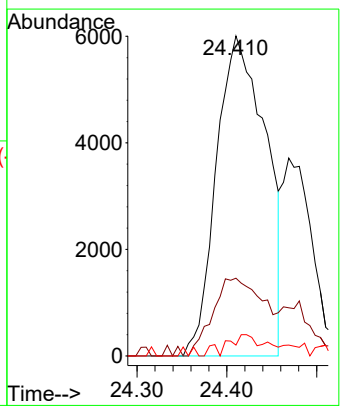


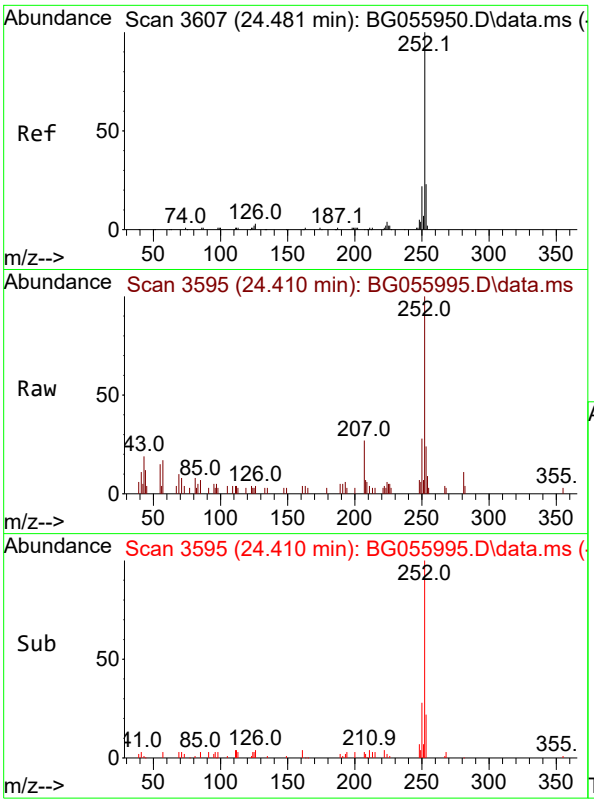


#88
Benzo(b)fluoranthene
Concen: 3.823 ng
RT: 24.410 min Scan# 3595
Delta R.T. -0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:252 Resp: 22892

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	3.4	1.8	2.8#



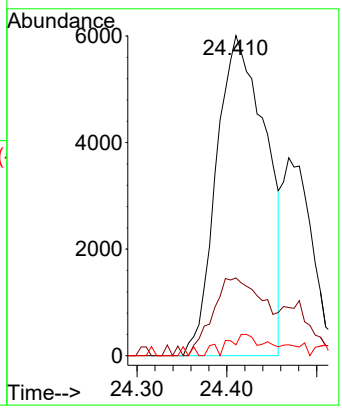


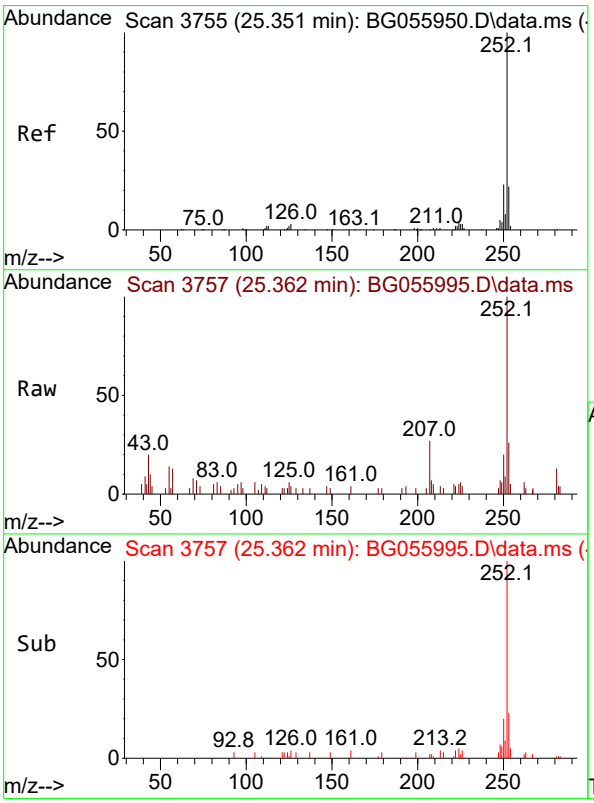
#89
Benzo(k)fluoranthene
Concen: 3.831 ng
RT: 24.410 min Scan# 3
Delta R.T. -0.077 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:252 Resp: 22892

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	3.4	2.0	3.0#





#90
Benzo(a)pyrene
Concen: 3.787 ng
RT: 25.362 min Scan# 3757
Delta R.T. -0.012 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:252 Resp: 19172

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	6.2	1.9	2.9#