Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055971.D
Acq On : 14 Dec 2022 22:52
Operator : CG/JU
Sample : N6025-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Quant Time: Dec 15 00:53:19 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 14 02:24:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	8118	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	29618	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	22470	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	54608	20.000	ng	0.00
76) Chrysene-d12	22.025	240	58276	20.000	ng	0.00
86) Perylene-d12	25.521	264	62484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	50675	146.393	ng	0.00
7) Phenol-d6	7.501	99	62759	140.966	ng	0.00
23) Nitrobenzene-d5	9.546	82	42156	99.465	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	80646	148.843	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	151629	94.641	ng	0.00
79) Terphenyl-d14	20.298	244	277364	84.119	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.546	70	6594	20.663	ng	# 68
48) 2-Nitroaniline	13.612	65	72	3.092	ng	# 1
51) 2,6-Dinitrotoluene	14.980	165	3062	10.185	ng	# 25
57) 2,4-Dinitrotoluene	14.980	165	3062	6.748	ng	# 35
63) Azobenzene	16.320	77	4799	4.152	ng	# 1
67) 4-Bromophenyl-phenylether	16.455	248	4647	5.807	ng	# 1
71) Phenanthrene	17.760	178	11553	4.037	ng	98
75) Fluoranthene	19.746	202	31435	7.844	ng	99
77) Benzidine	20.298	184	4719	4.611	ng	# 92
78) Pyrene	20.110	202	30200	8.564	ng	99
81) Benzo(a)anthracene	22.002	228	23475	5.725	ng	# 94
83) Chrysene	22.072	228	20819	5.417	ng	# 94
88) Benzo(b)fluoranthene	24.411	252	31162	7.706	ng	# 94
89) Benzo(k)fluoranthene	24.411	252	31162	7.724	ng	# 96
90) Benzo(a)pyrene	25.357	252	18709	5.473	ng	# 82

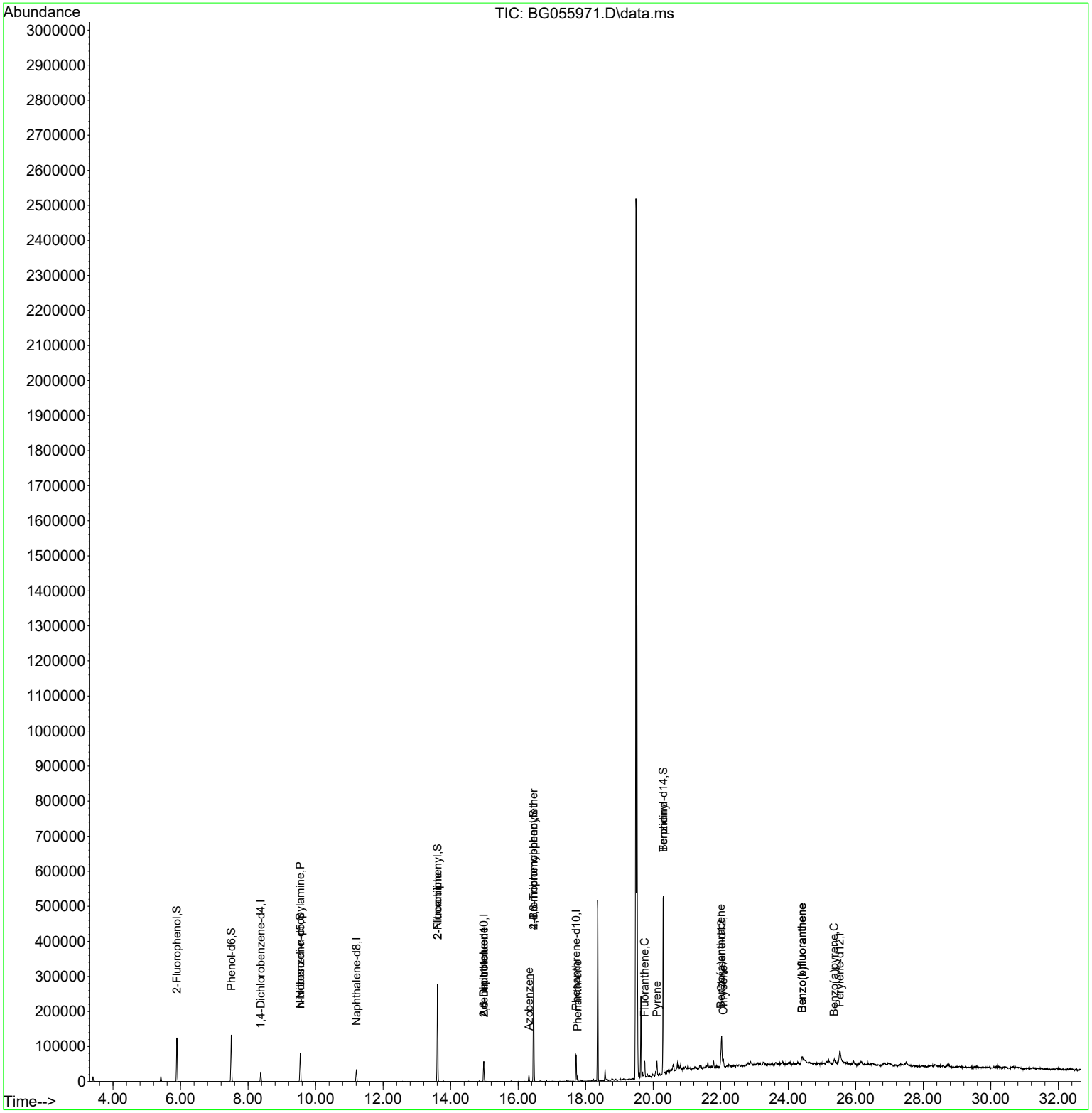
(#) = qualifier out of range (m) = manual integration (+) = signals summed

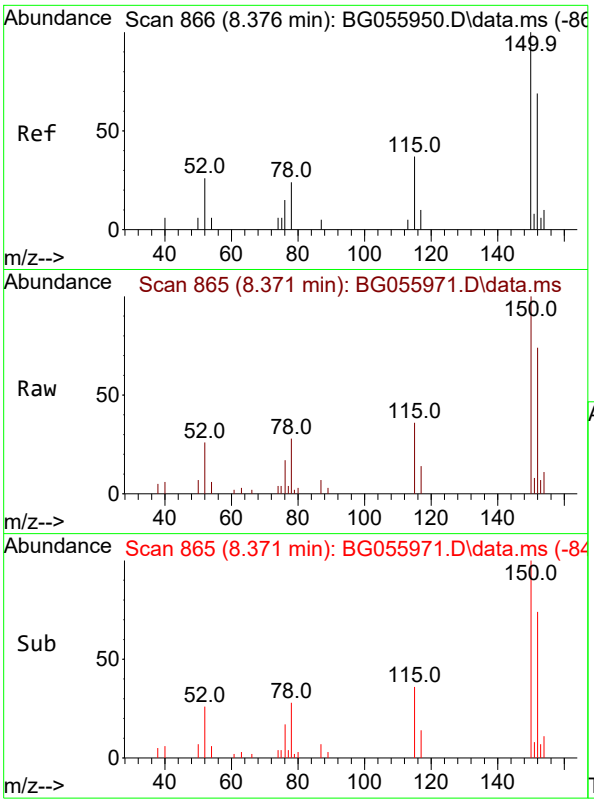
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055971.D
Acq On : 14 Dec 2022 22:52
Operator : CG/JU
Sample : N6025-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Quant Time: Dec 15 00:53:19 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 14 02:24:06 2022
Response via : Initial Calibration



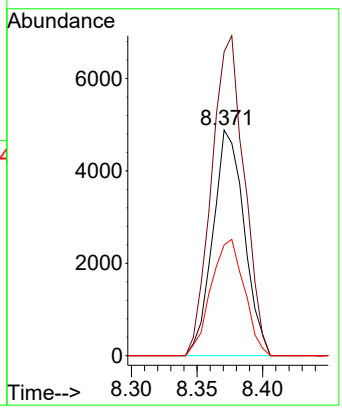


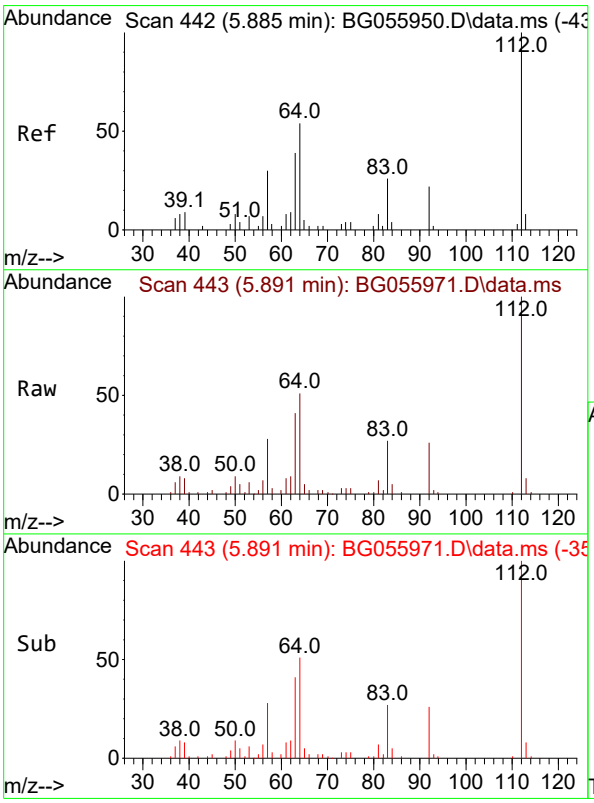
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:152 Resp: 8118

Ion	Ratio	Lower	Upper
152	100		
150	134.7	115.7	173.5
115	49.1	43.0	64.4

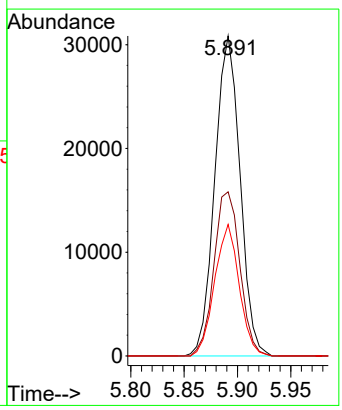


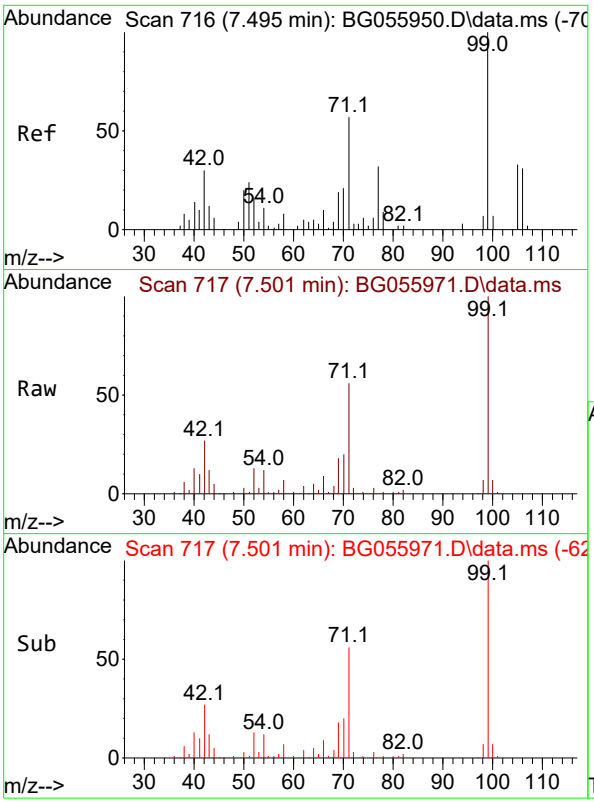


#5
2-Fluorophenol
Concen: 146.393 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:112 Resp: 50675

Ion	Ratio	Lower	Upper
112	100		
64	51.3	43.0	64.4
63	41.1	31.4	47.2



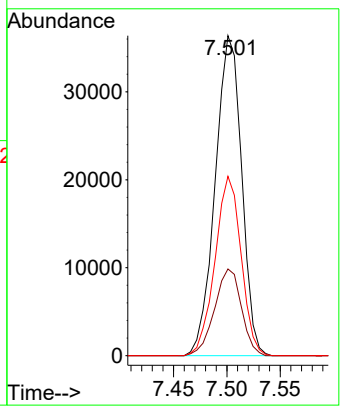


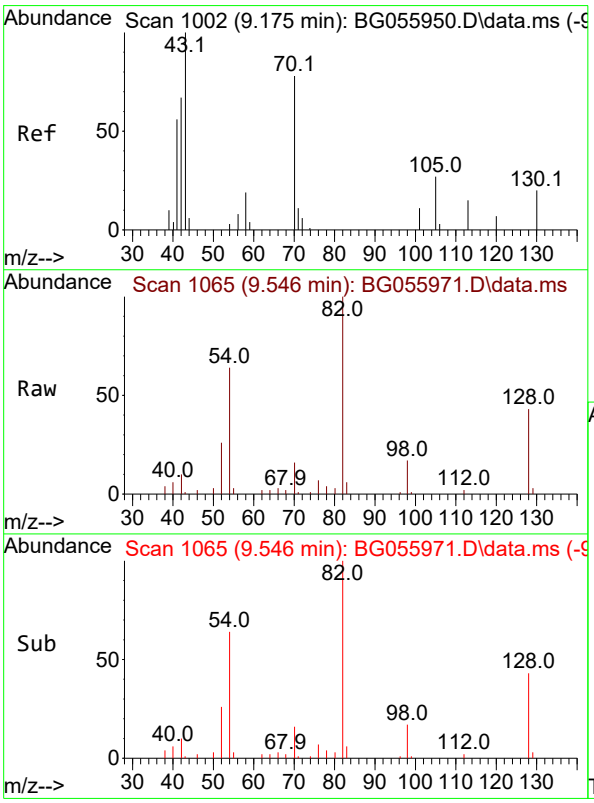
#7
Phenol-d6
Concen: 140.966 ng
RT: 7.501 min Scan# 7
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion: 99 Resp: 62759

Ion	Ratio	Lower	Upper
99	100		
42	27.1	24.3	36.5
71	56.0	45.6	68.4

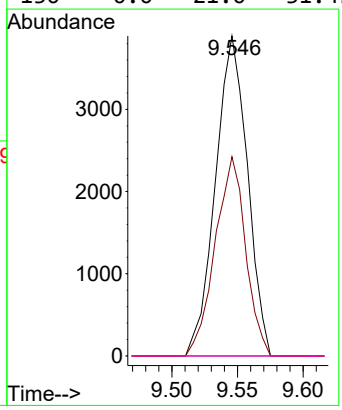


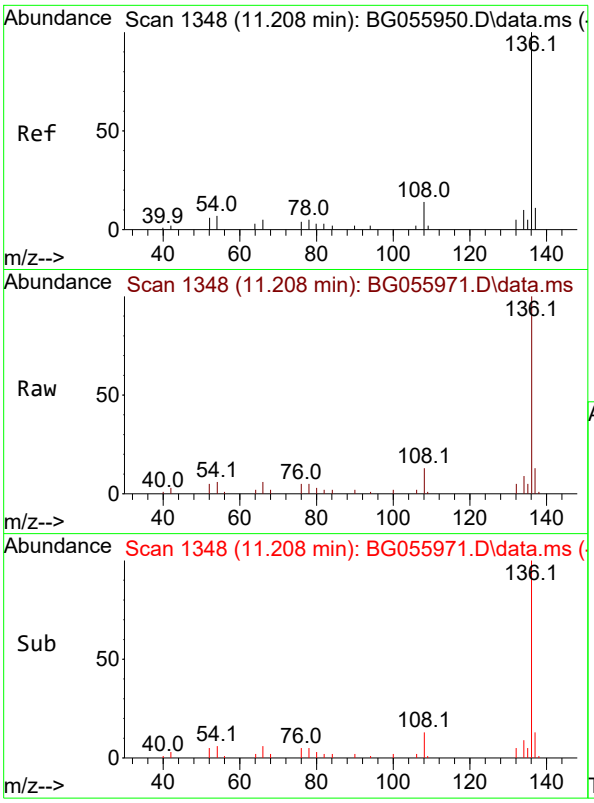


#19
n-Nitroso-di-n-propylamine
Concen: 20.663 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.370 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion: 70 Resp: 6594

Ion	Ratio	Lower	Upper
70	100		
42	62.3	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#



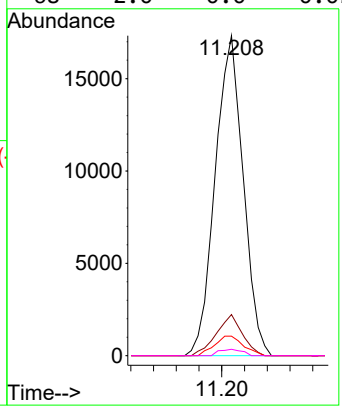


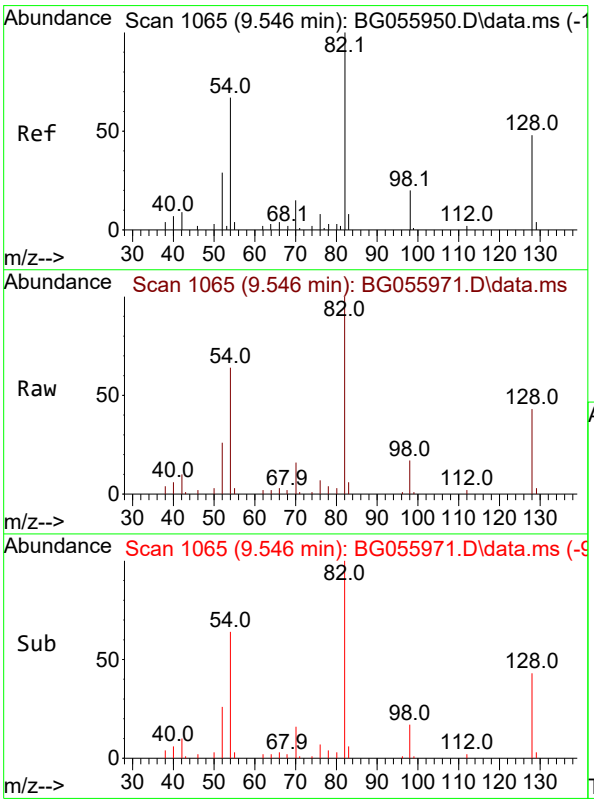
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:136 Resp: 29618

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	6.1	5.6	8.4
68	2.0	0.0	0.0#

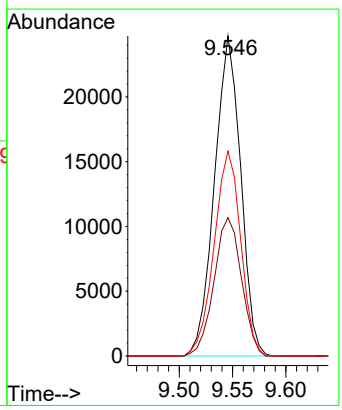


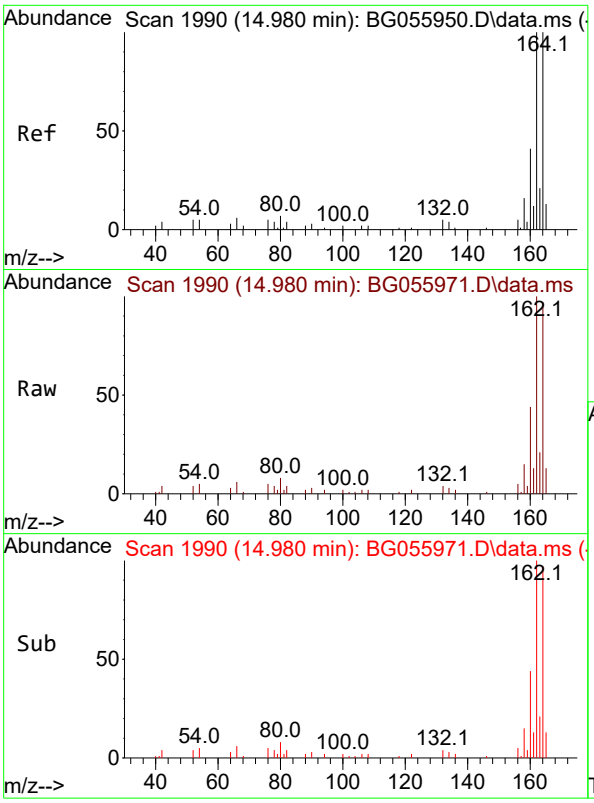


#23
Nitrobenzene-d5
Concen: 99.465 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion: 82 Resp: 42156

Ion	Ratio	Lower	Upper
82	100		
128	43.2	38.4	57.6
54	64.0	53.3	79.9



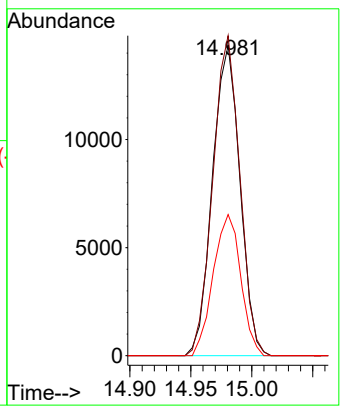


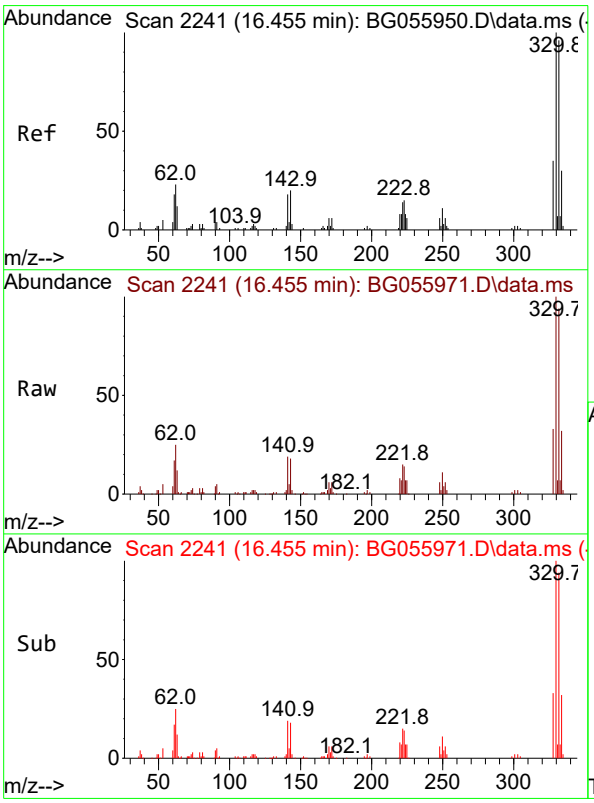
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:164 Resp: 22470

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.8	119.8
160	45.5	33.0	49.4

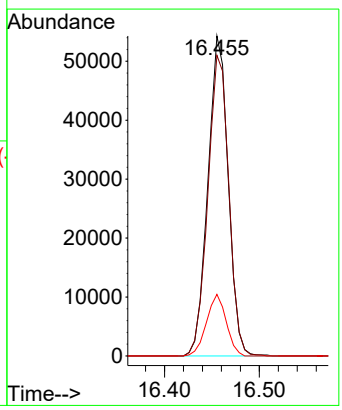


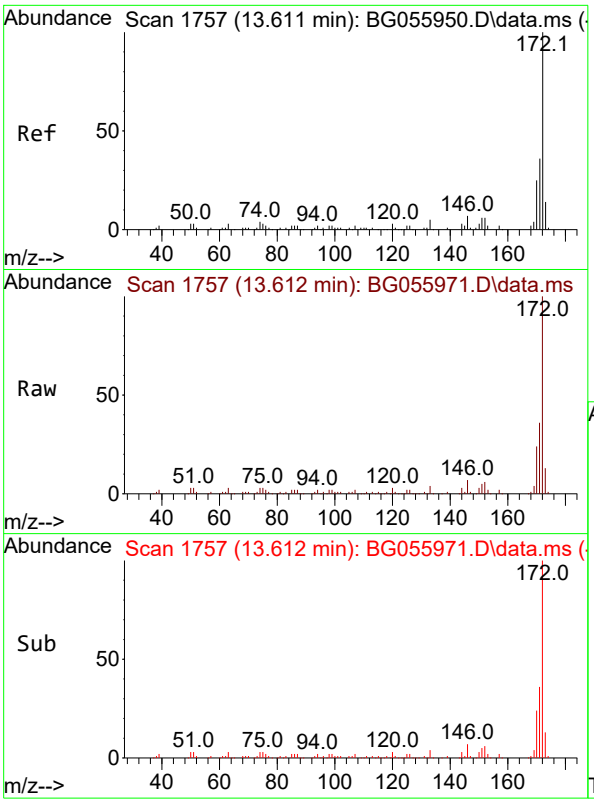


#42
2,4,6-Tribromophenol
Concen: 148.843 ng
RT: 16.455 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:330 Resp: 80646

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	18.7	15.0	22.4



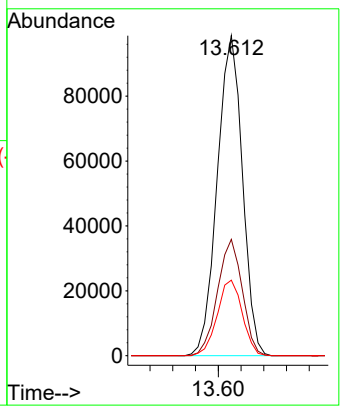


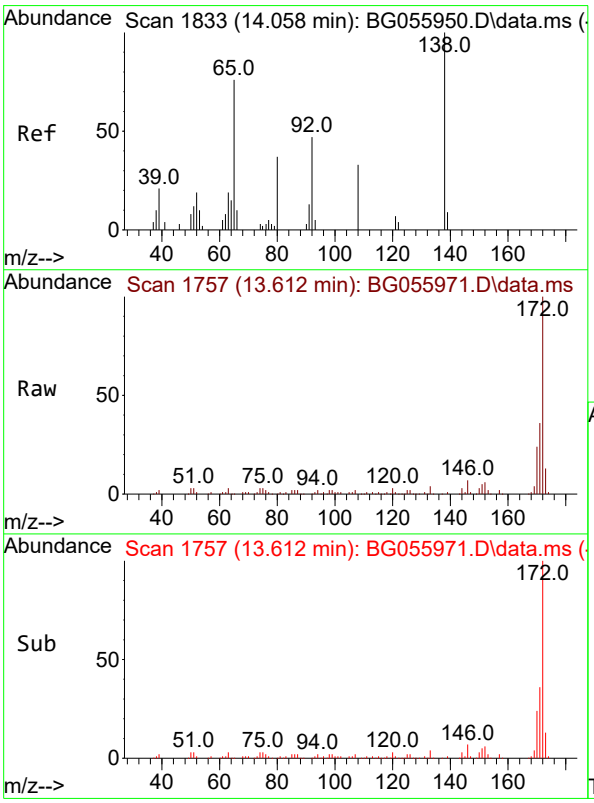
#45
2-Fluorobiphenyl
Concen: 94.641 ng
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:172 Resp: 151629

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.6	19.9	29.9

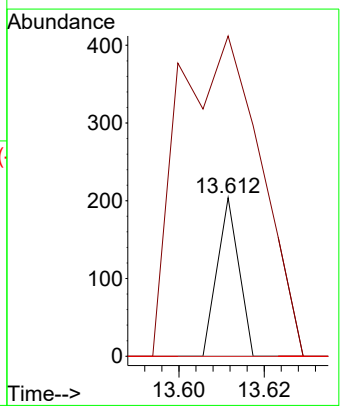


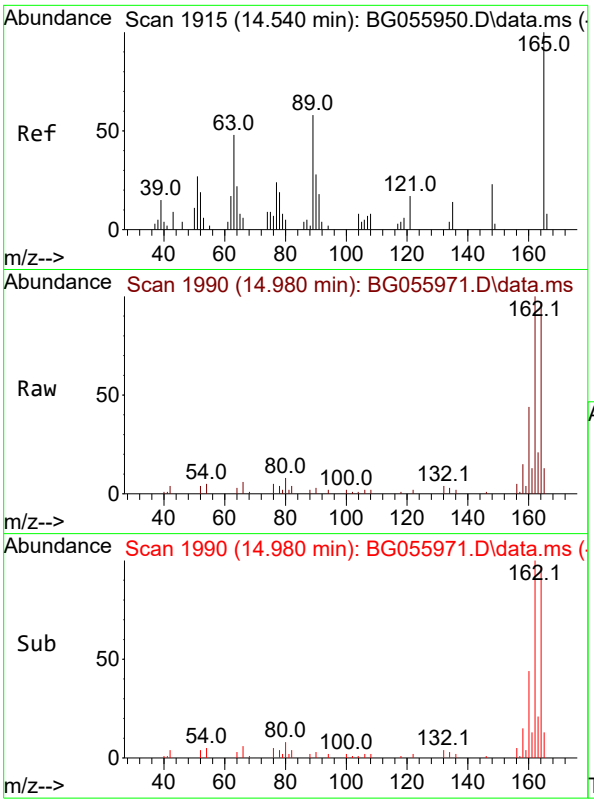


#48
2-Nitroaniline
Concen: 3.092 ng
RT: 13.612 min Scan# 1757
Delta R.T. -0.446 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion: 65 Resp: 72

Ion	Ratio	Lower	Upper
65	100		
92	202.0	49.7	74.5#
138	0.0	105.0	157.6#



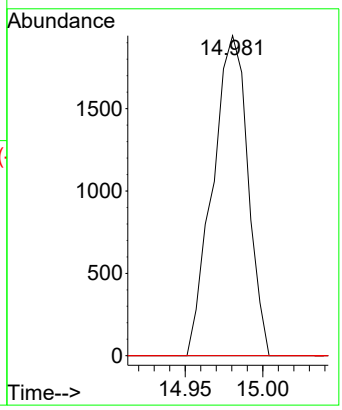


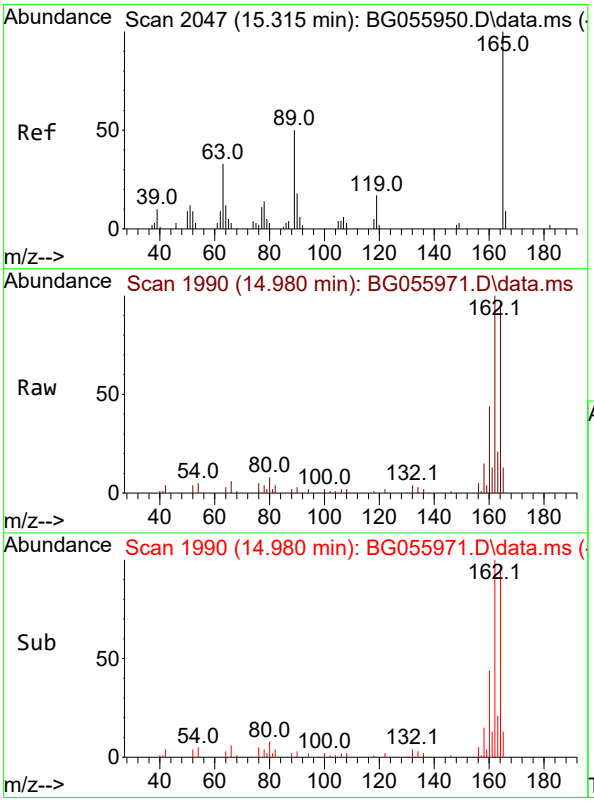
#51
2,6-Dinitrotoluene
Concen: 10.185 ng
RT: 14.980 min Scan# 1
Delta R.T. 0.441 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:165 Resp: 3062

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

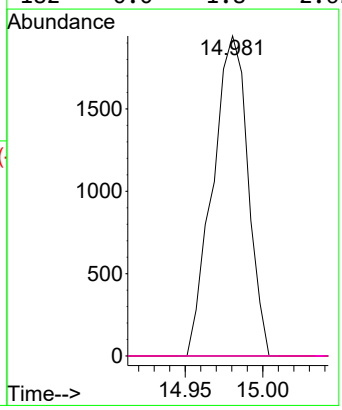


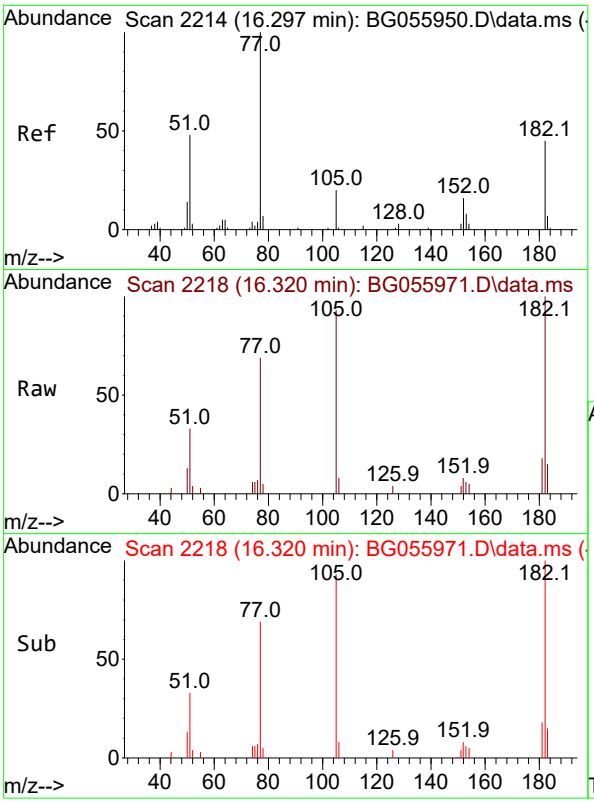


#57
2,4-Dinitrotoluene
Concen: 6.748 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.335 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:165 Resp: 3062

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#



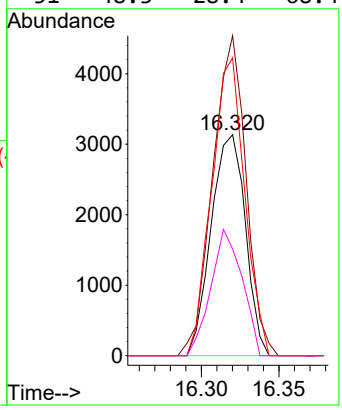


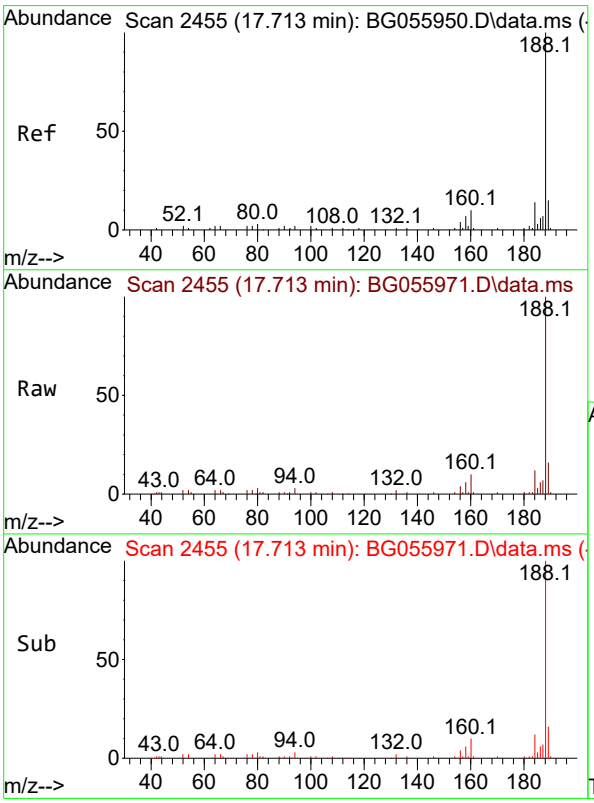
#63
Azobenzene
Concen: 4.152 ng
RT: 16.320 min Scan# 2
Delta R.T. 0.024 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion: 77 Resp: 4799

Ion	Ratio	Lower	Upper
77	100		
182	144.8	24.7	64.7#
105	134.8	0.3	40.3#
51	48.3	28.4	68.4

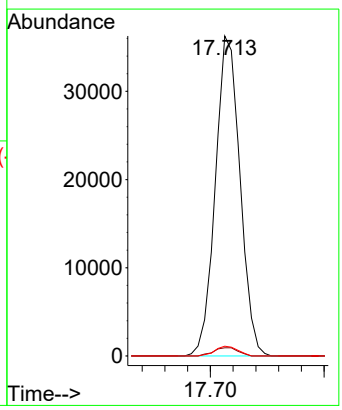


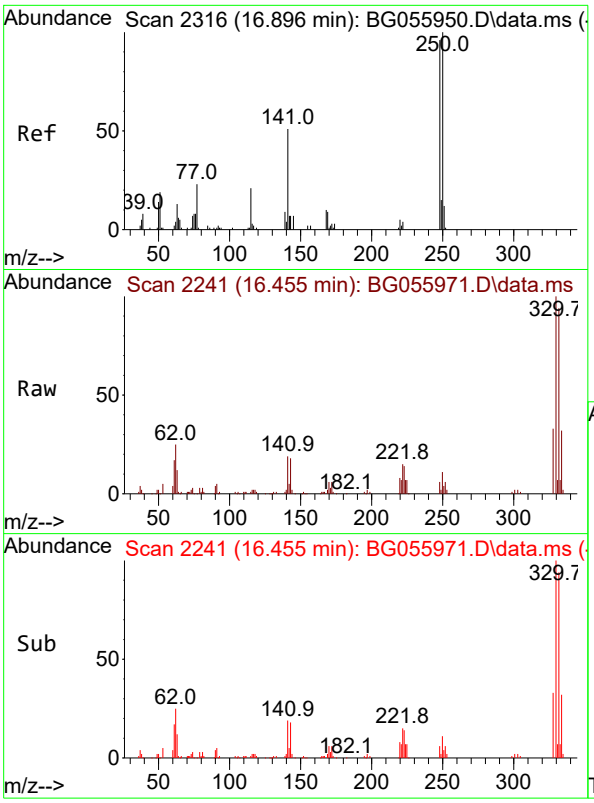


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:188 Resp: 54608

Ion	Ratio	Lower	Upper
188	100		
94	2.6	1.8	2.8
80	3.1	2.4	3.6



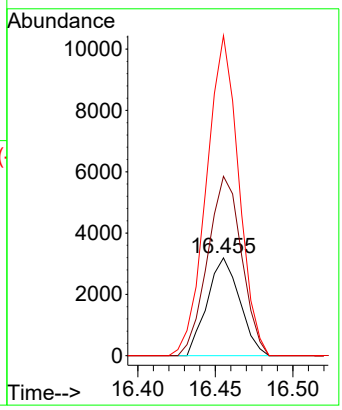


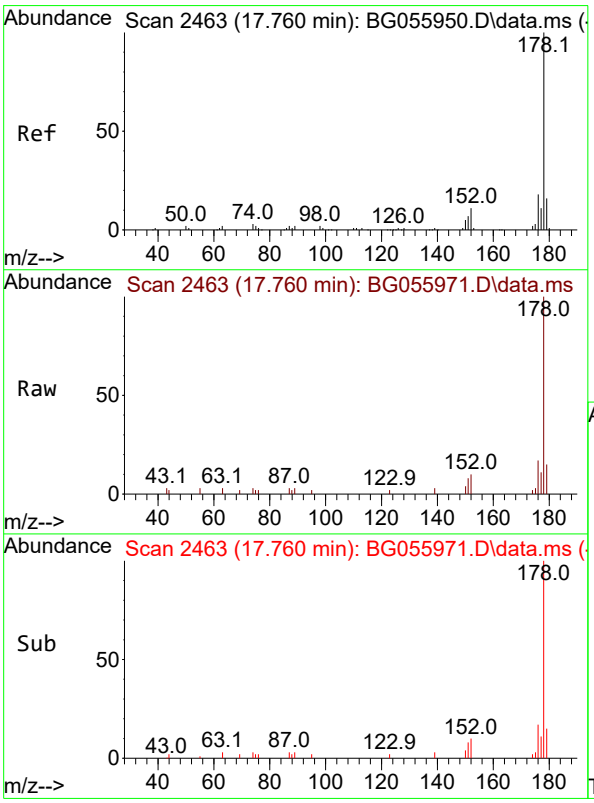
#67
4-Bromophenyl-phenylether
Concen: 5.807 ng
RT: 16.455 min Scan# 2
Delta R.T. -0.441 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:248 Resp: 4647

Ion	Ratio	Lower	Upper
248	100		
250	183.4	83.0	124.6#
141	327.1	42.6	64.0#

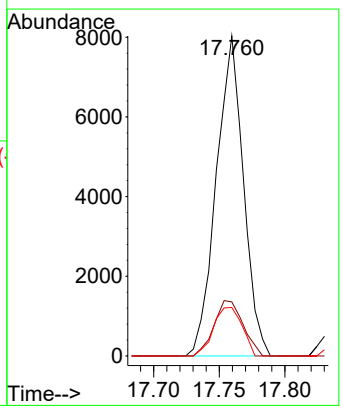


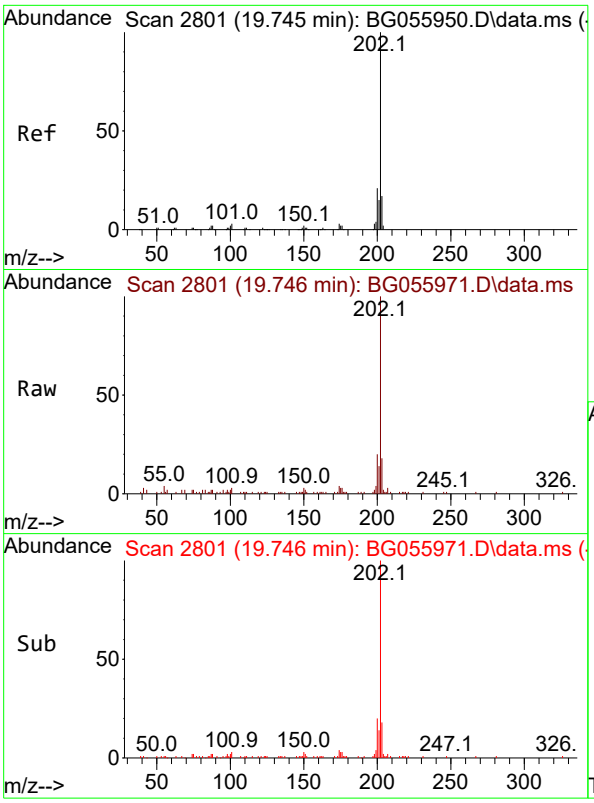


#71
Phenanthrene
Concen: 4.037 ng
RT: 17.760 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:178 Resp: 11553

Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.4	21.6
179	15.2	12.7	19.1



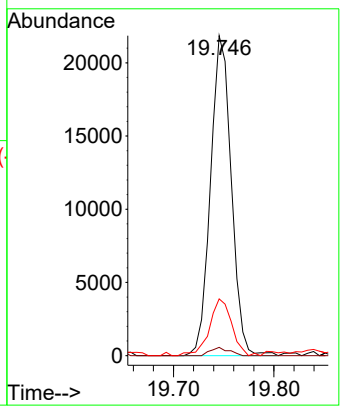


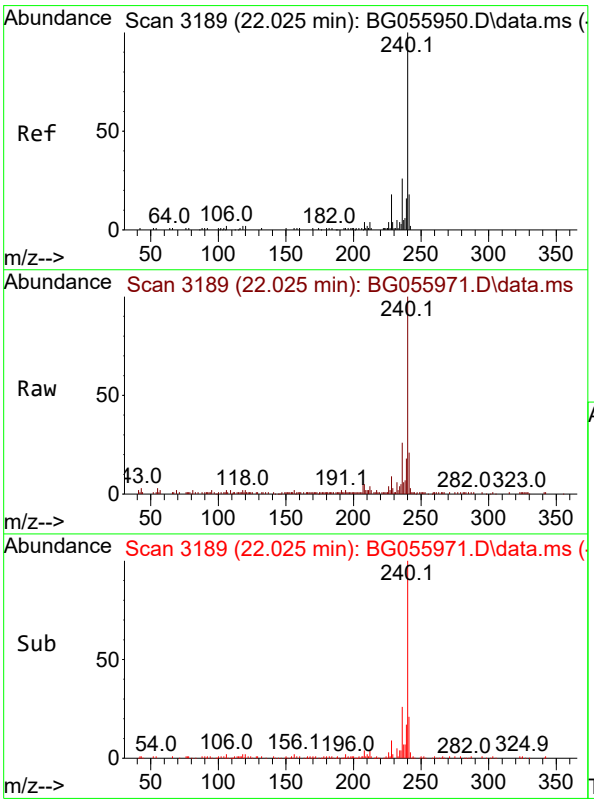
#75
Fluoranthene
Concen: 7.844 ng
RT: 19.746 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:202 Resp: 31435

Ion	Ratio	Lower	Upper
202	100		
101	2.6	0.0	22.6
203	17.8	0.0	37.1

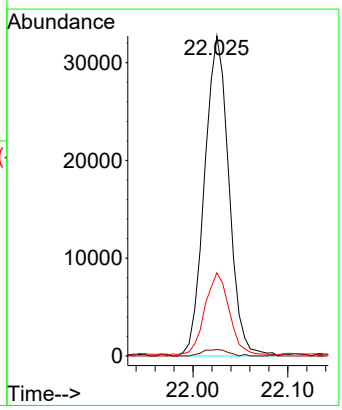


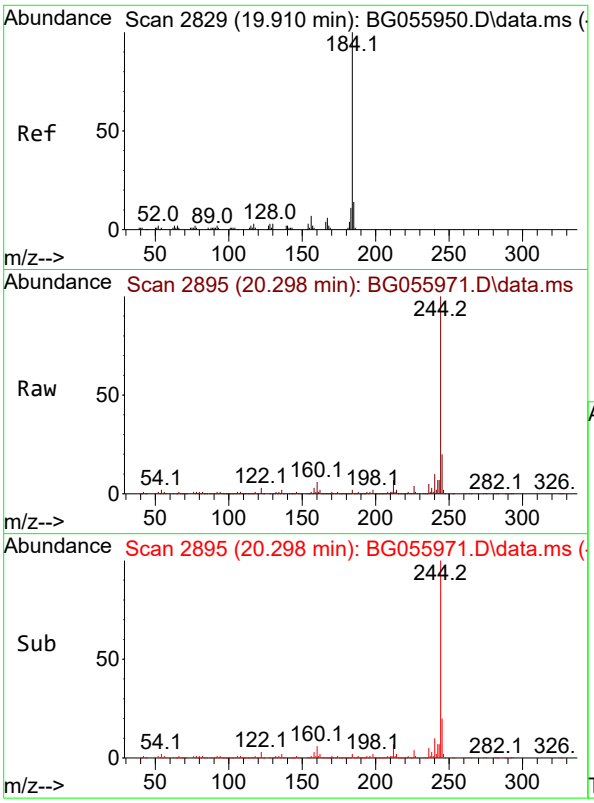


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:240 Resp: 58276

Ion	Ratio	Lower	Upper
240	100		
120	2.0	1.7	2.5
236	26.0	21.1	31.7



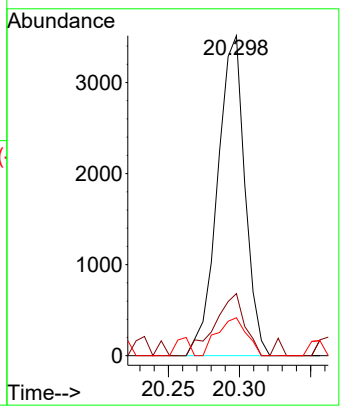


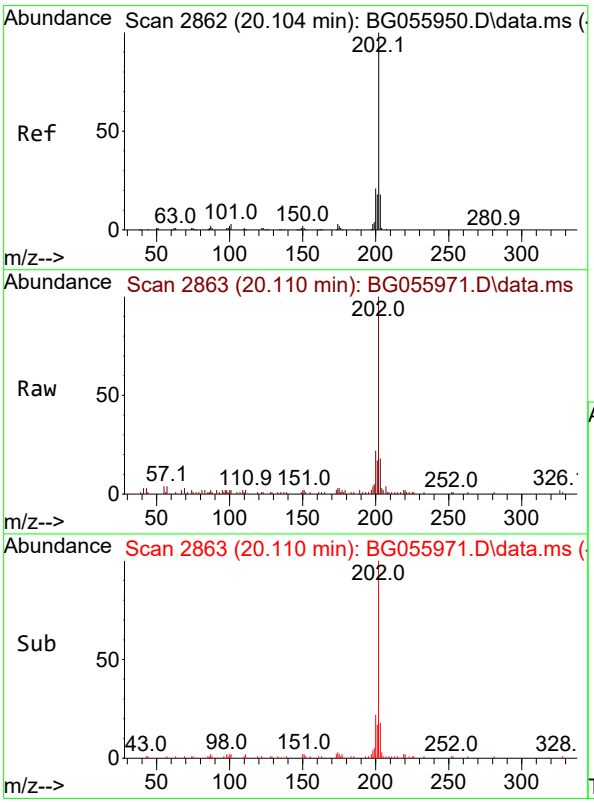
#77
Benzidine
Concen: 4.611 ng
RT: 20.298 min Scan# 2
Delta R.T. 0.388 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:184 Resp: 4719

Ion	Ratio	Lower	Upper
184	100		
185	19.4	10.9	16.3#
183	11.9	9.2	13.8

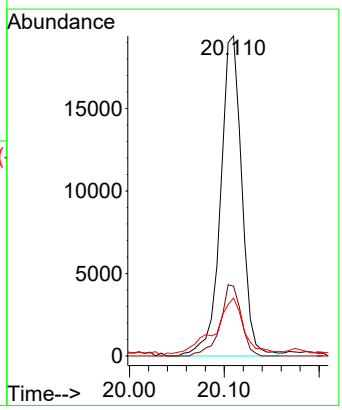


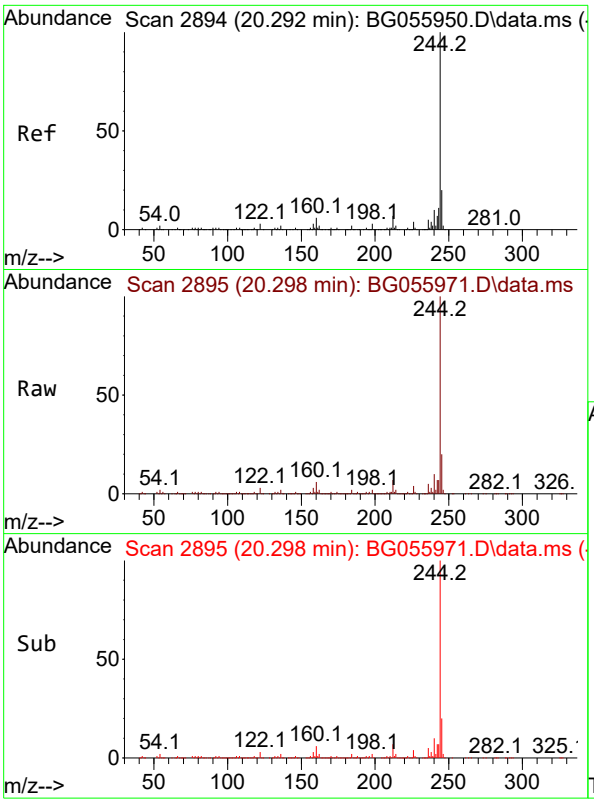


#78
Pyrene
Concen: 8.564 ng
RT: 20.110 min Scan# 2863
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:202 Resp: 30200

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	18.1	14.6	21.8



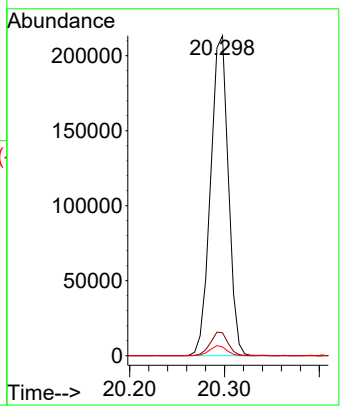


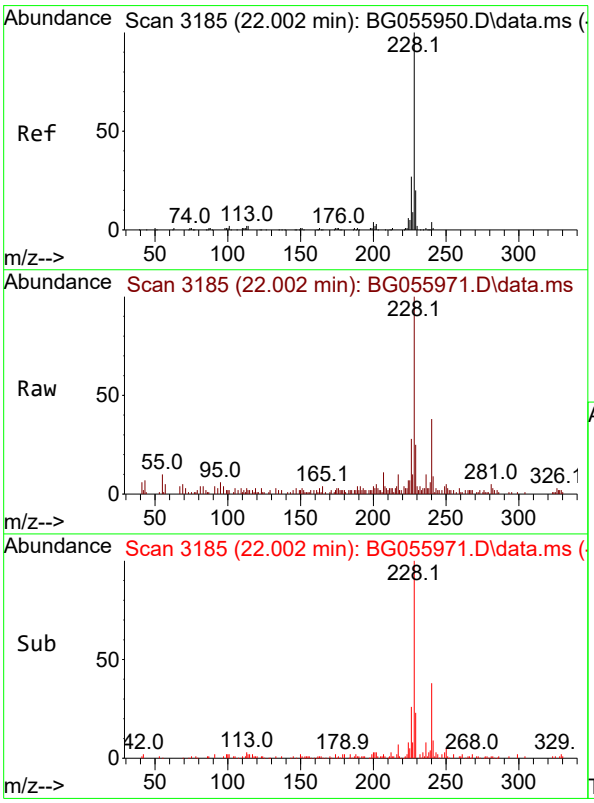
#79
Terphenyl-d14
Concen: 84.119 ng
RT: 20.298 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:244 Resp: 277364

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	2.7	2.5	3.7

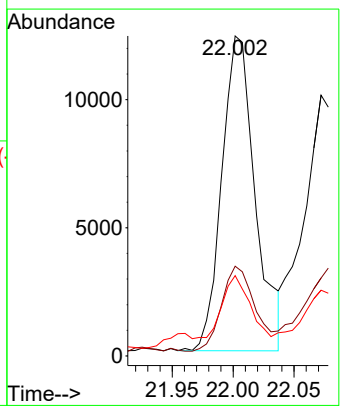


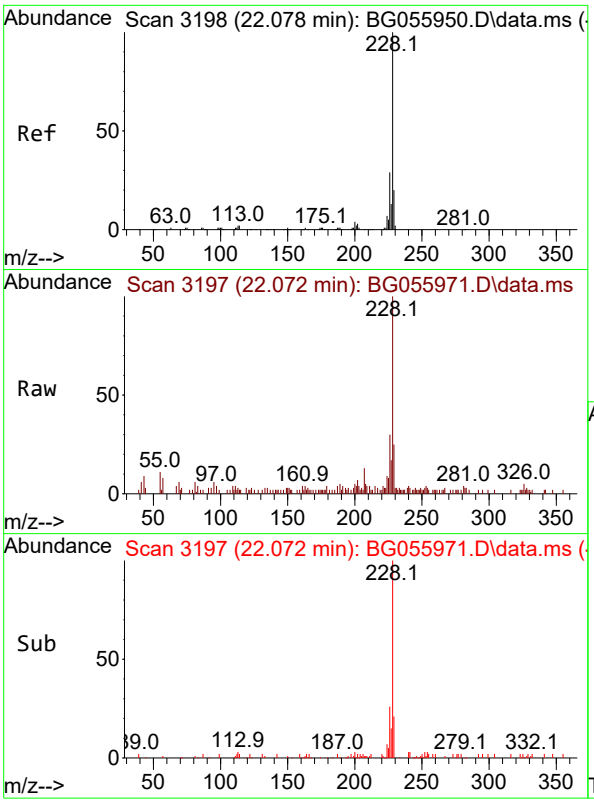


#81
Benzo(a)anthracene
Concen: 5.725 ng
RT: 22.002 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:228 Resp: 23475

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	25.1	15.9	23.9#



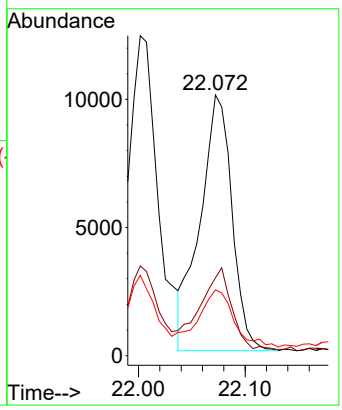


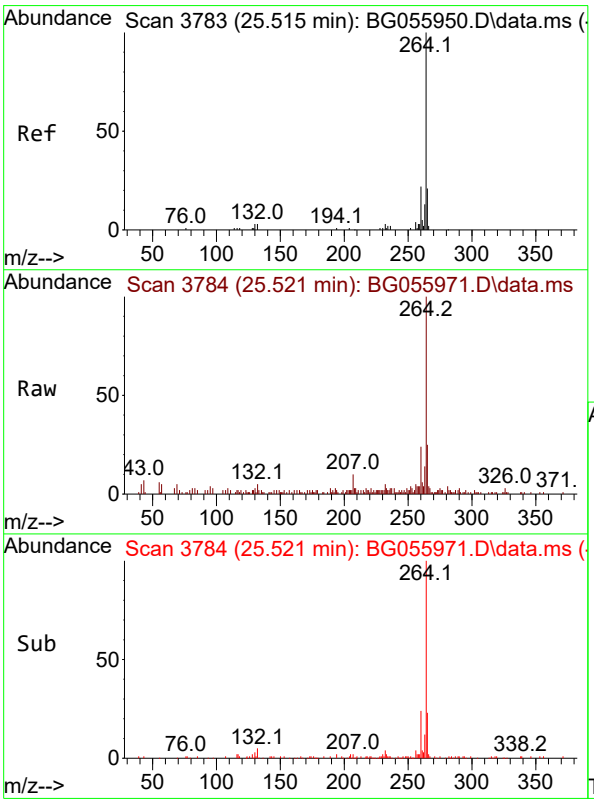
#83
Chrysene
Concen: 5.417 ng
RT: 22.072 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:228 Resp: 20819

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	25.2	15.7	23.5#

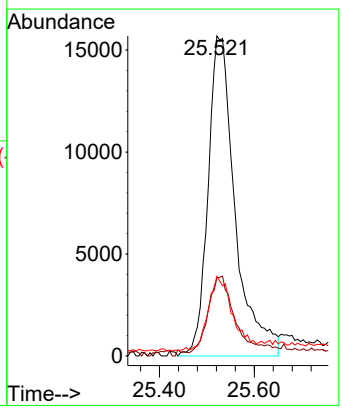


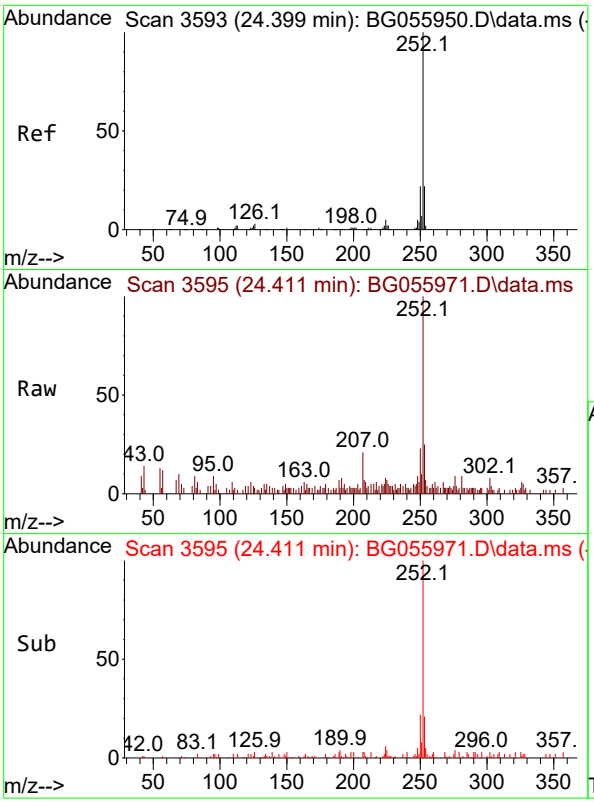


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.521 min Scan# 3784
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:264 Resp: 62484

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.8	26.8
265	24.9	16.6	25.0



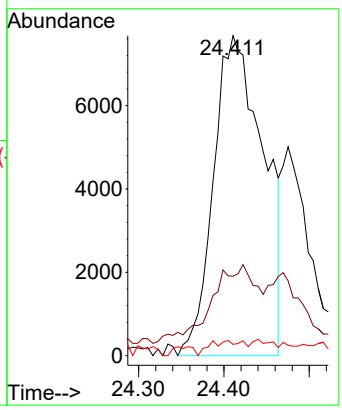


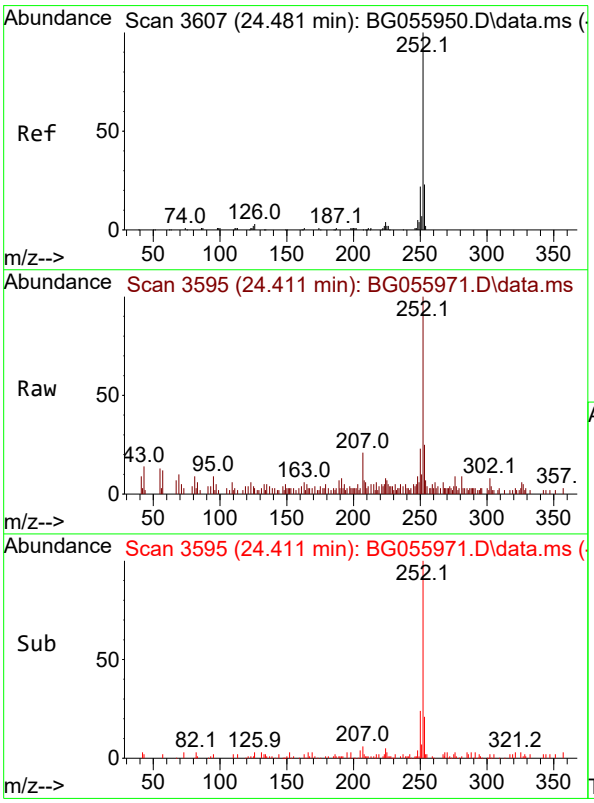
#88
Benzo(b)fluoranthene
Concen: 7.706 ng
RT: 24.411 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:252 Resp: 31162

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	3.5	1.8	2.8#

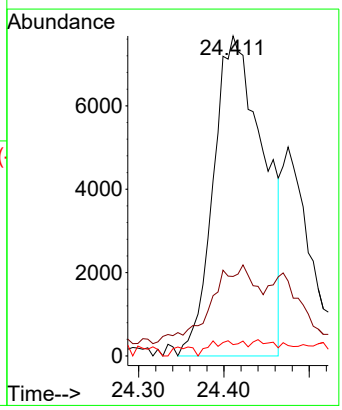


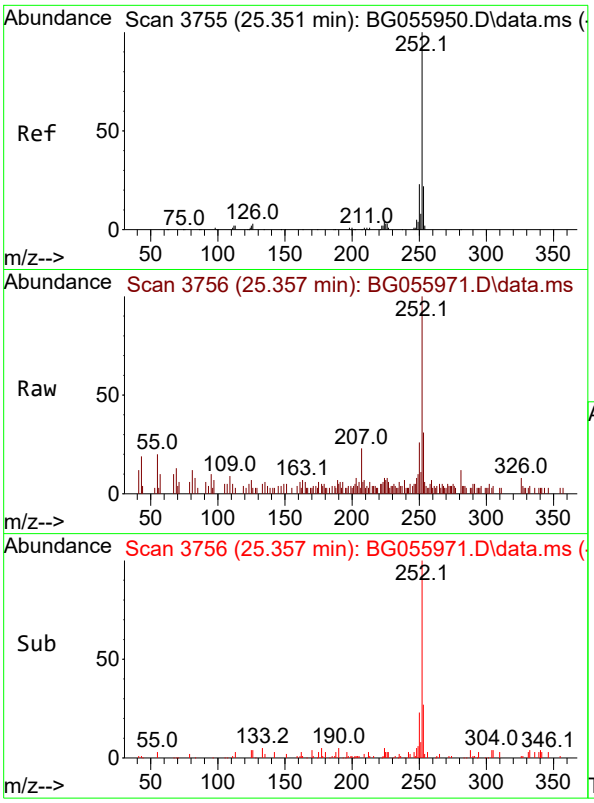


#89
Benzo(k)fluoranthene
Concen: 7.724 ng
RT: 24.411 min Scan# 3595
Delta R.T. -0.070 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:252 Resp: 31162

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	3.5	2.0	3.0#





#90
Benzo(a)pyrene
Concen: 5.473 ng
RT: 25.357 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:252 Resp: 18709

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.7	26.5#
125	6.8	1.9	2.9#