Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
Data File : BG055877.D
Acq On : 2 Dec 2022 17:06
Operator : CG/JU
Sample : N5848-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-5

Quant Time: Dec 03 04:29:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	30869	20.000	ng	0.00
21) Naphthalene-d8	11.029	136	137287	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	105378	20.000	ng	-0.01
64) Phenanthrene-d10	17.569	188	236876	20.000	ng	0.00
76) Chrysene-d12	21.858	240	218444	20.000	ng	0.00
86) Perylene-d12	25.230	264	231779	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	247633	145.000	ng	0.00
7) Phenol-d6	7.351	99	336129	147.855	ng	0.00
23) Nitrobenzene-d5	9.372	82	212355	81.756	ng	-0.01
42) 2,4,6-Tribromophenol	16.317	330	184803	124.542	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	557885	79.313	ng	0.00
79) Terphenyl-d14	20.154	244	898622	82.280	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.372	70	28314	16.210	ng	# 76
51) 2,6-Dinitrotoluene	14.831	165	13698	7.975	ng	# 24
57) 2,4-Dinitrotoluene	14.831	165	13698	5.656	ng	# 22
67) 4-Bromophenyl-phenylether	16.317	248	12044	4.462	ng	# 1
77) Benzidine	20.154	184	13698	2.711	ng	# 91

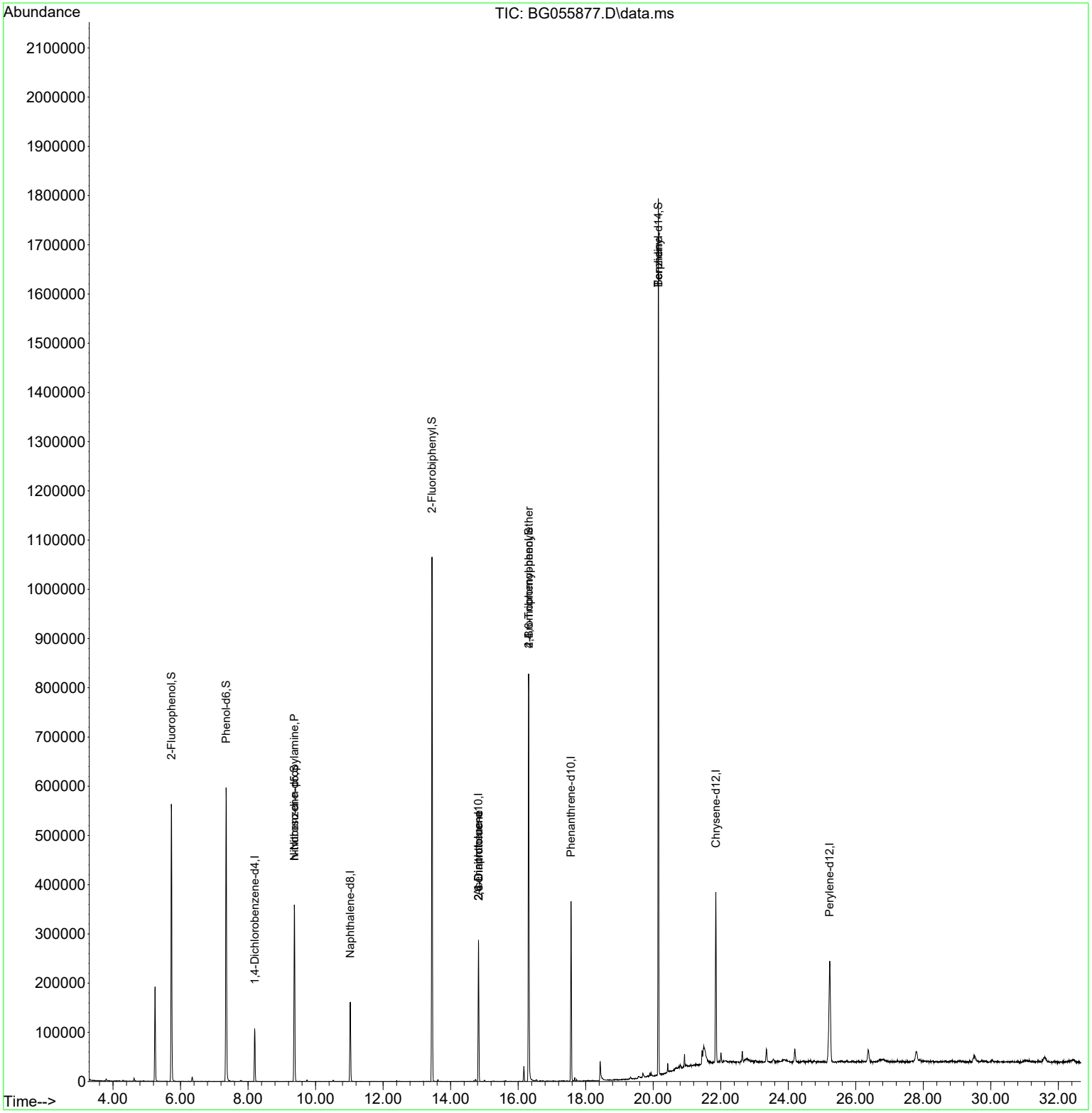
(#) = qualifier out of range (m) = manual integration (+) = signals summed

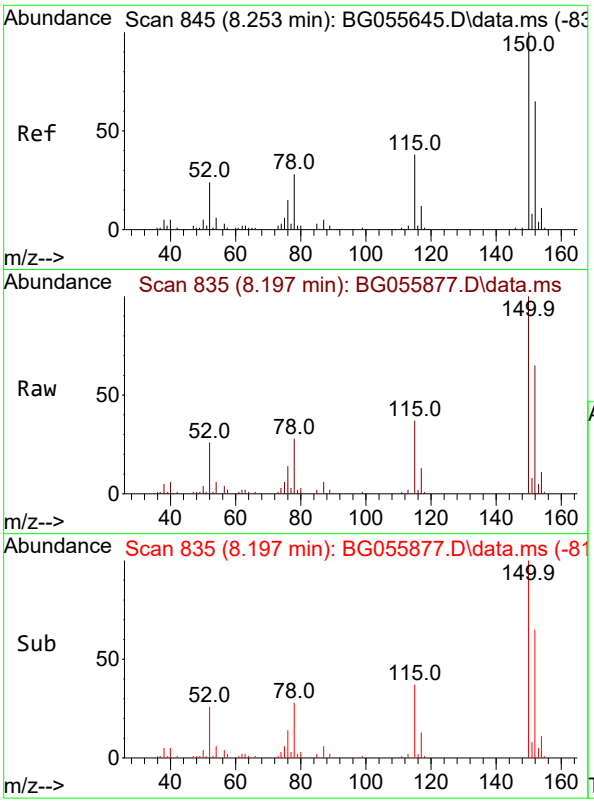
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
Data File : BG055877.D
Acq On : 2 Dec 2022 17:06
Operator : CG/JU
Sample : N5848-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-5

Quant Time: Dec 03 04:29:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration



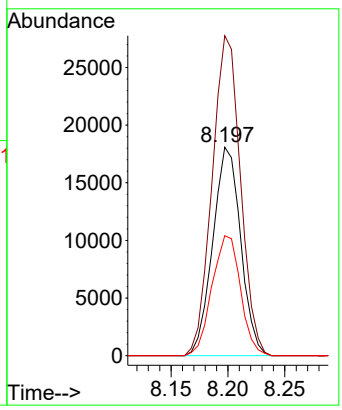


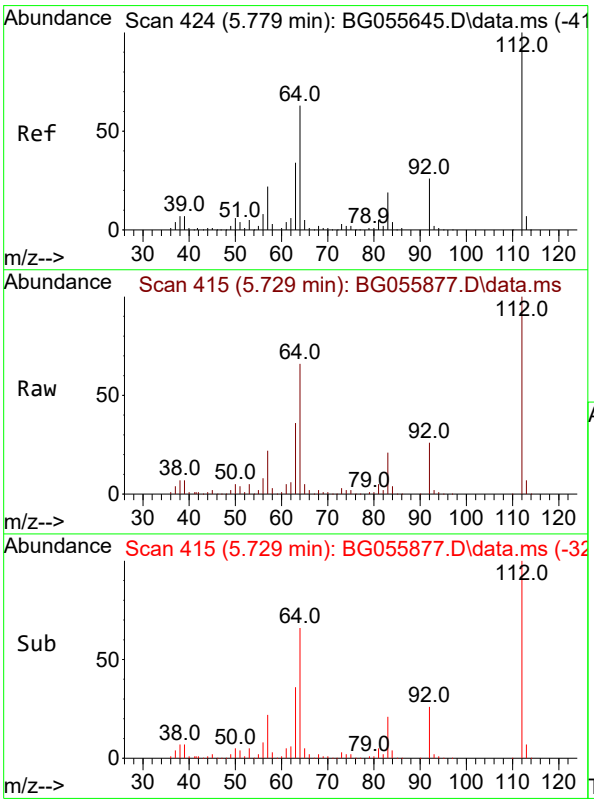
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.197 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:152 Resp: 30869

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.0	184.6
115	57.5	47.0	70.4

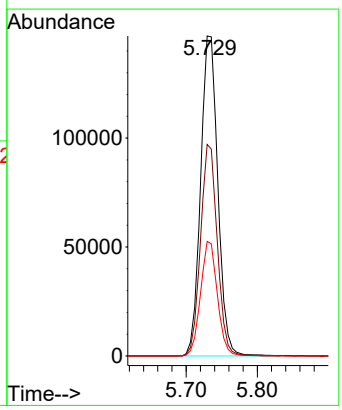


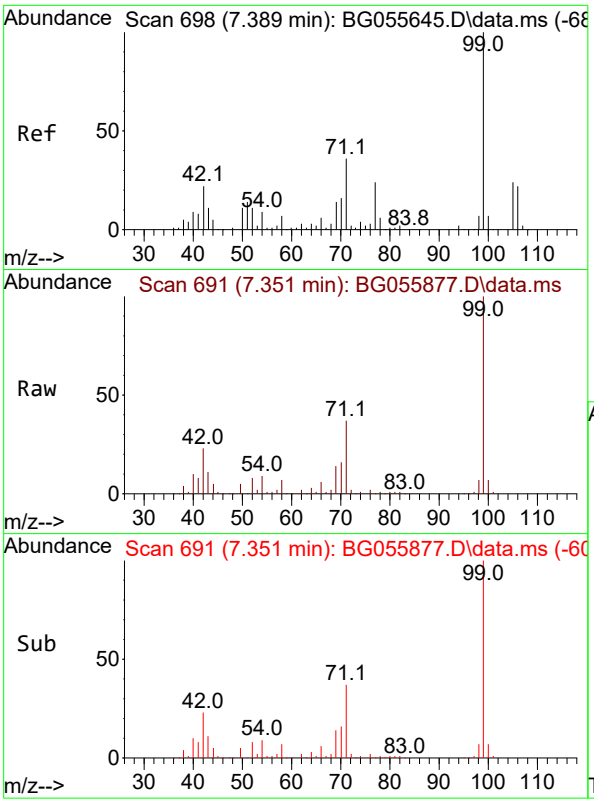


#5
2-Fluorophenol
Concen: 145.000 ng
RT: 5.729 min Scan# 415
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:112 Resp: 247633

Ion	Ratio	Lower	Upper
112	100		
64	66.1	50.6	76.0
63	35.8	27.5	41.3



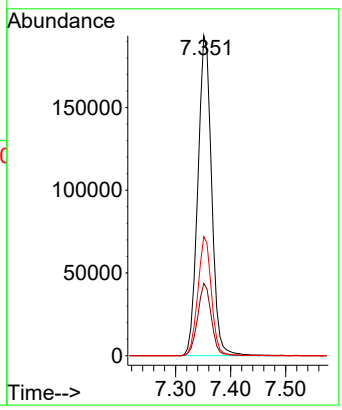


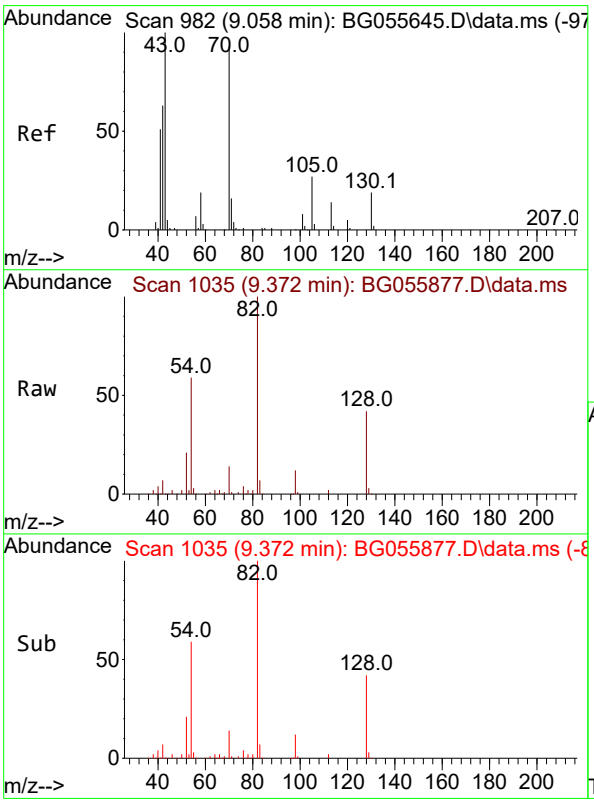
#7
Phenol-d6
Concen: 147.855 ng
RT: 7.351 min Scan# 6
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion: 99 Resp: 336129

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.0	27.0
71	37.2	29.0	43.6

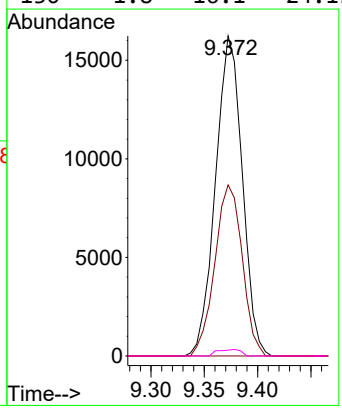


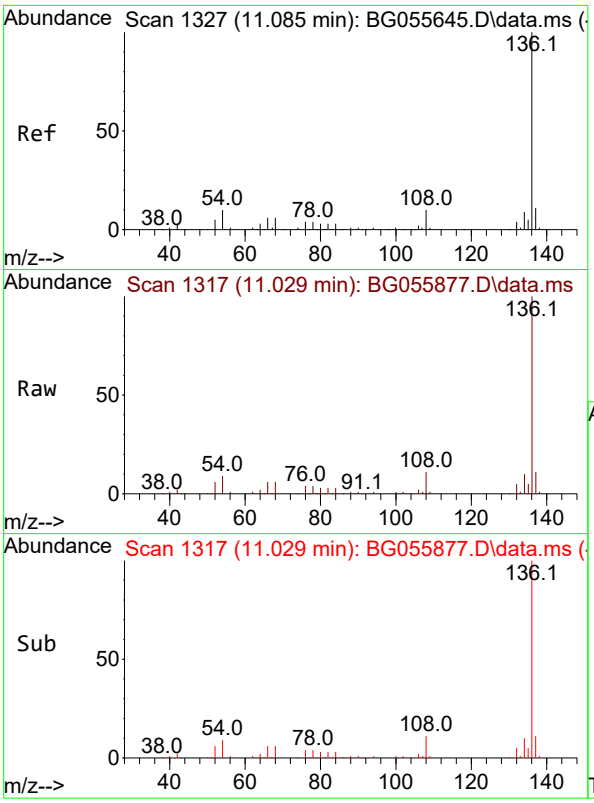


#19
n-Nitroso-di-n-propylamine
Concen: 16.210 ng
RT: 9.372 min Scan# 1035
Delta R.T. 0.362 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion: 70 Resp: 28314

Ion	Ratio	Lower	Upper
70	100		
42	53.5	55.2	82.8#
101	0.0	7.1	10.7#
130	1.8	16.1	24.1#



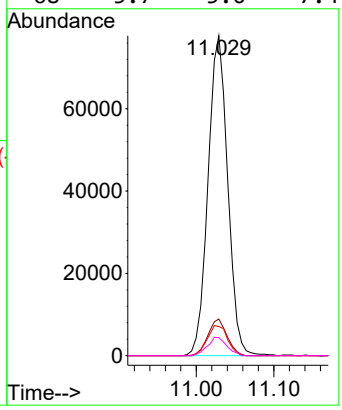


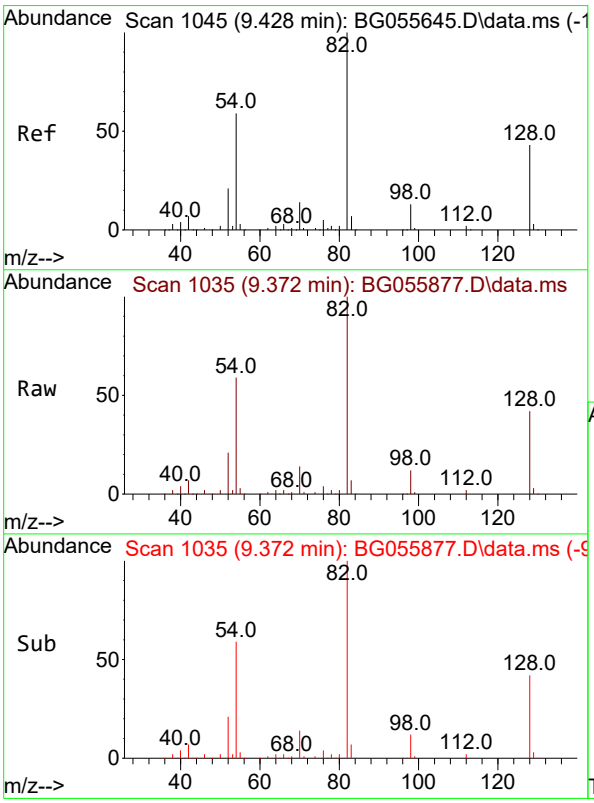
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:136 Resp: 137287

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.1	7.8	11.6
68	5.7	5.0	7.4

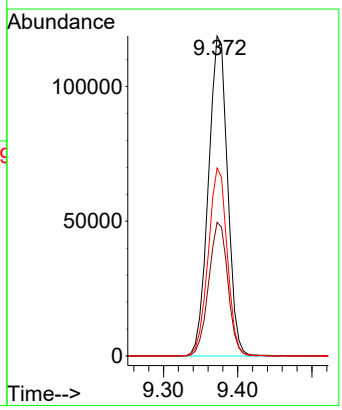


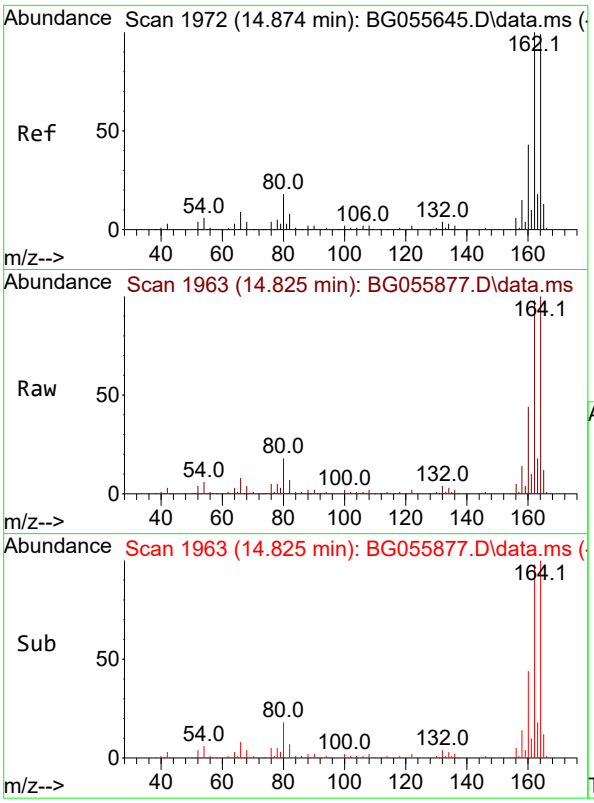


#23
Nitrobenzene-d5
Concen: 81.756 ng
RT: 9.372 min Scan# 1035
Delta R.T. -0.014 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion: 82 Resp: 212355

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.1	51.1
54	58.7	47.3	70.9



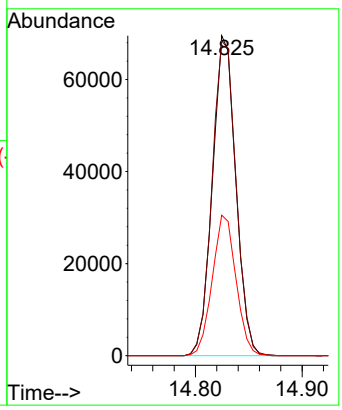


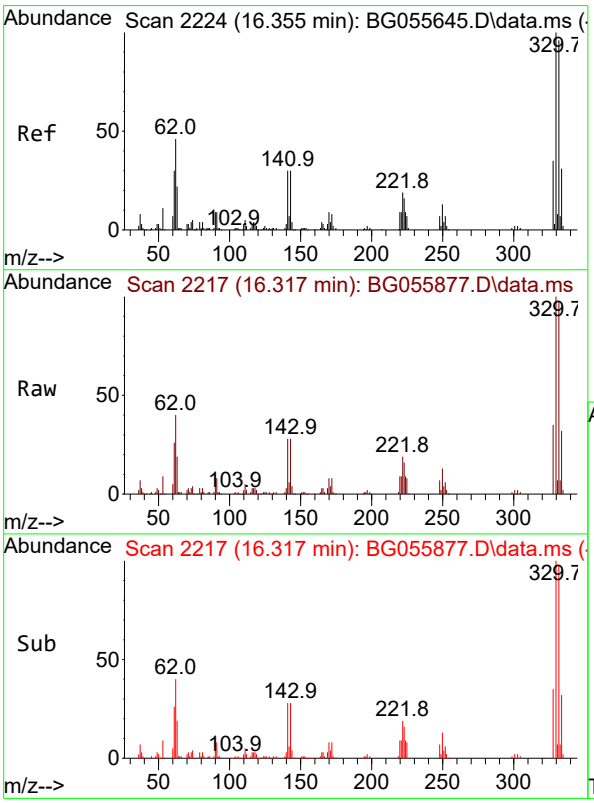
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.825 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:164 Resp: 105378

Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.1	121.7
160	43.9	34.8	52.2

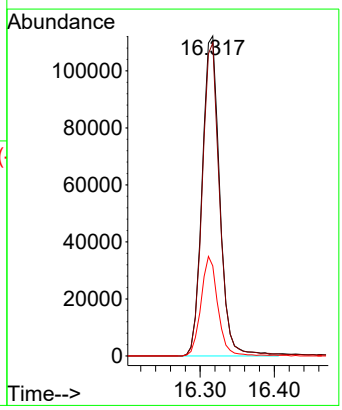


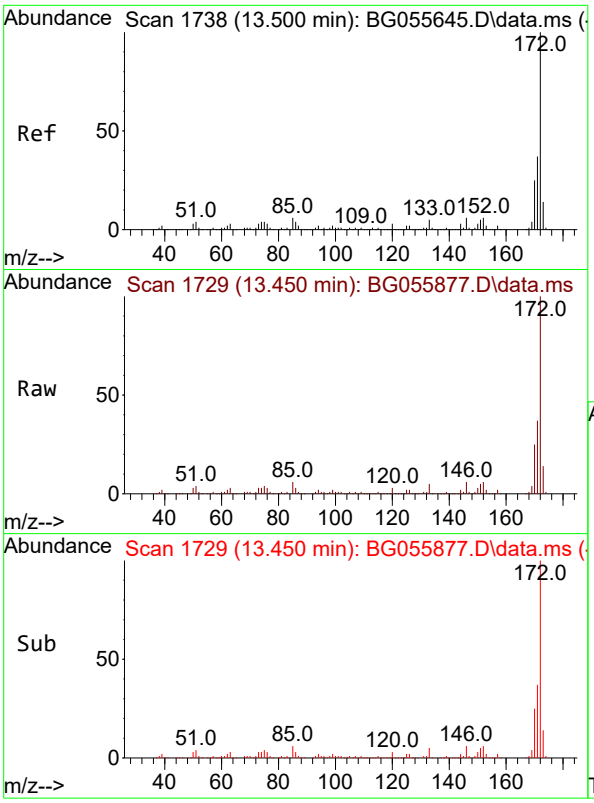


#42
2,4,6-Tribromophenol
Concen: 124.542 ng
RT: 16.317 min Scan# 2217
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:330 Resp: 184803

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.8
141	30.1	23.9	35.9



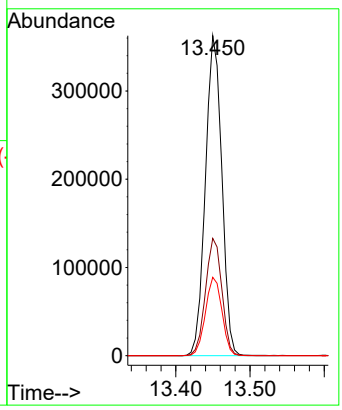


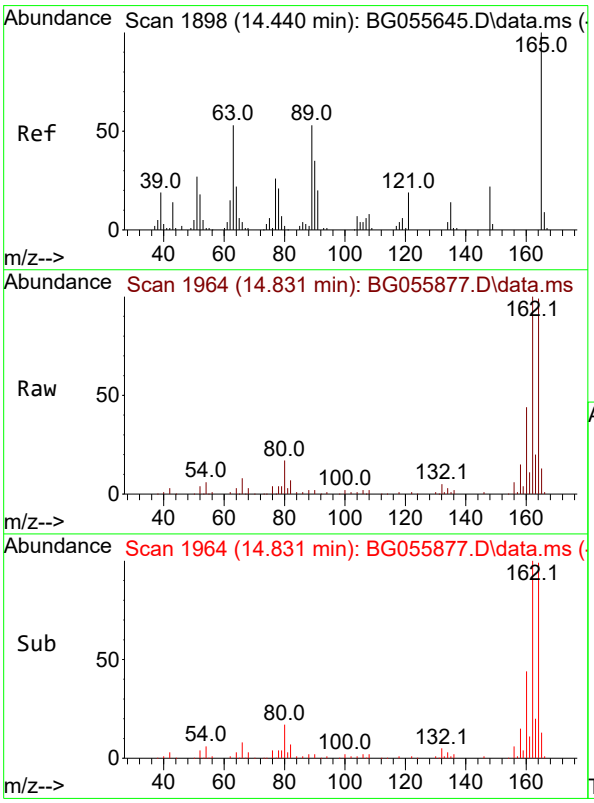
#45
2-Fluorobiphenyl
Concen: 79.313 ng
RT: 13.450 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:172 Resp: 557885

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.5	20.2	30.4

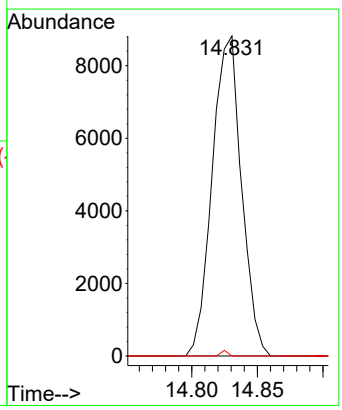


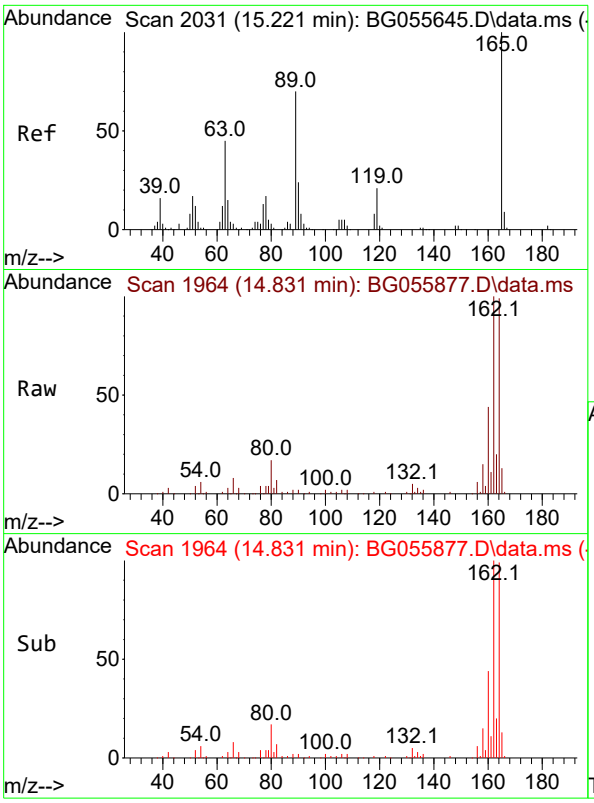


#51
2,6-Dinitrotoluene
Concen: 7.975 ng
RT: 14.831 min Scan# 1964
Delta R.T. 0.421 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:165 Resp: 13698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	66.8#
89	0.0	42.2	63.4#



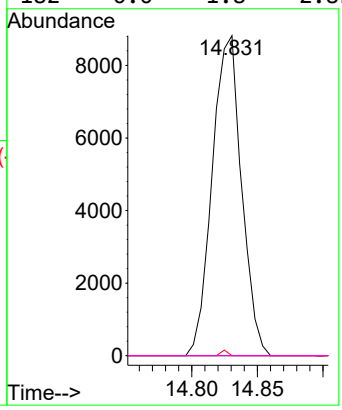


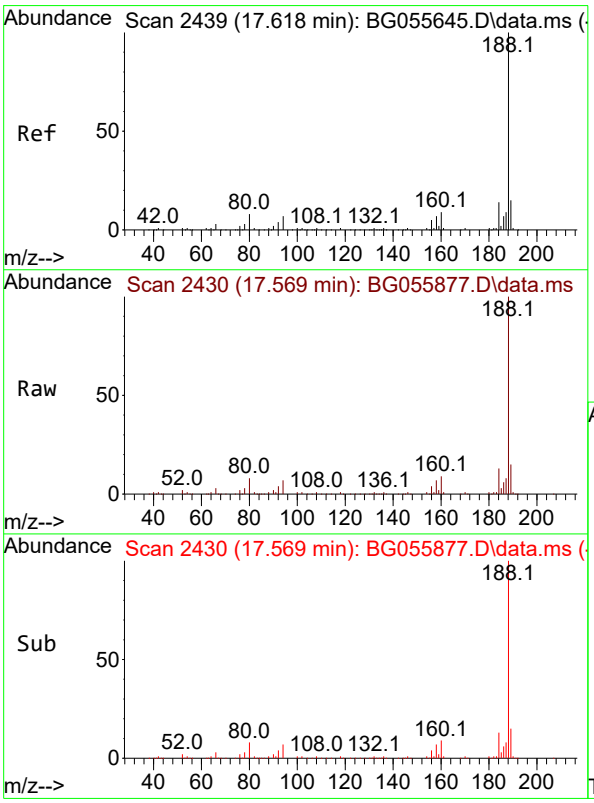
#57
2,4-Dinitrotoluene
Concen: 5.656 ng
RT: 14.831 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:165 Resp: 13698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.8#
89	0.0	56.2	84.4#
182	0.0	1.8	2.8#

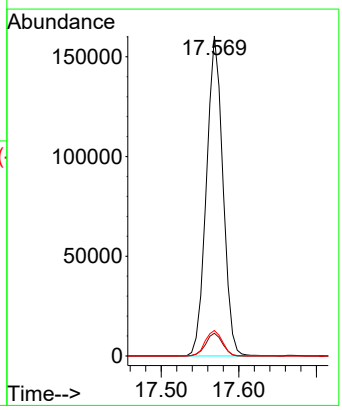


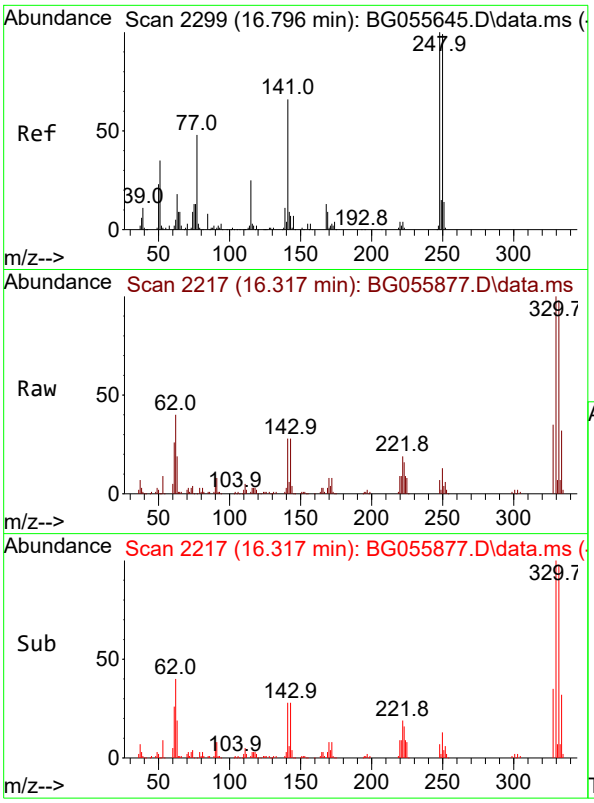


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 2430
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:188 Resp: 236876

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.2
80	7.9	6.6	10.0



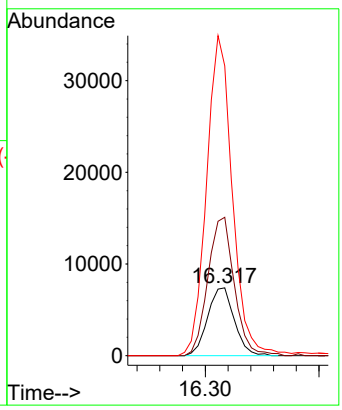


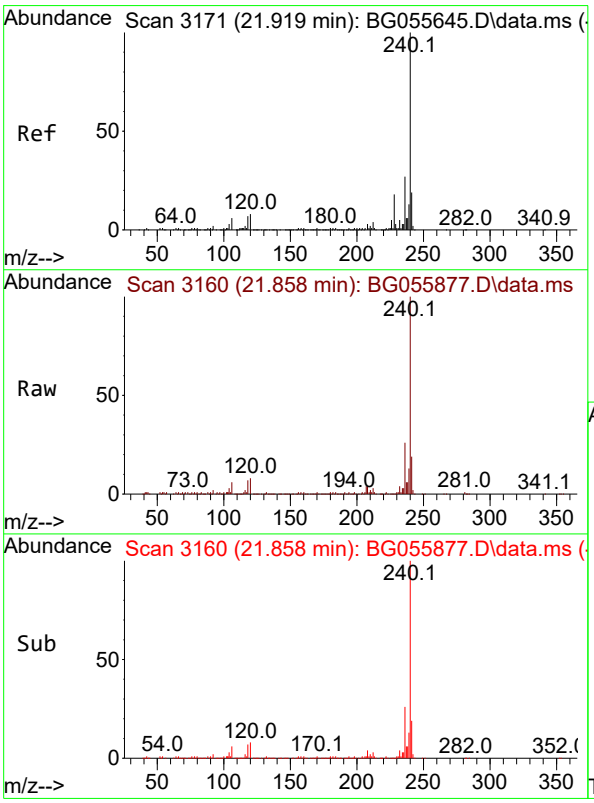
#67
4-Bromophenyl-phenylether
Concen: 4.462 ng
RT: 16.317 min Scan# 2
Delta R.T. -0.437 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:248 Resp: 12044

Ion	Ratio	Lower	Upper
248	100		
250	204.1	79.0	118.4#
141	427.2	52.9	79.3#

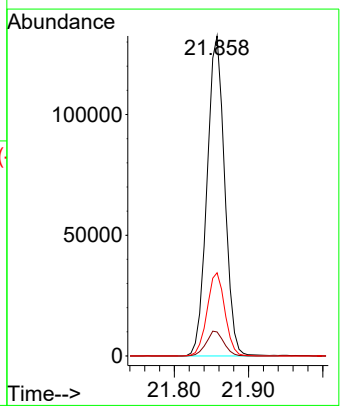


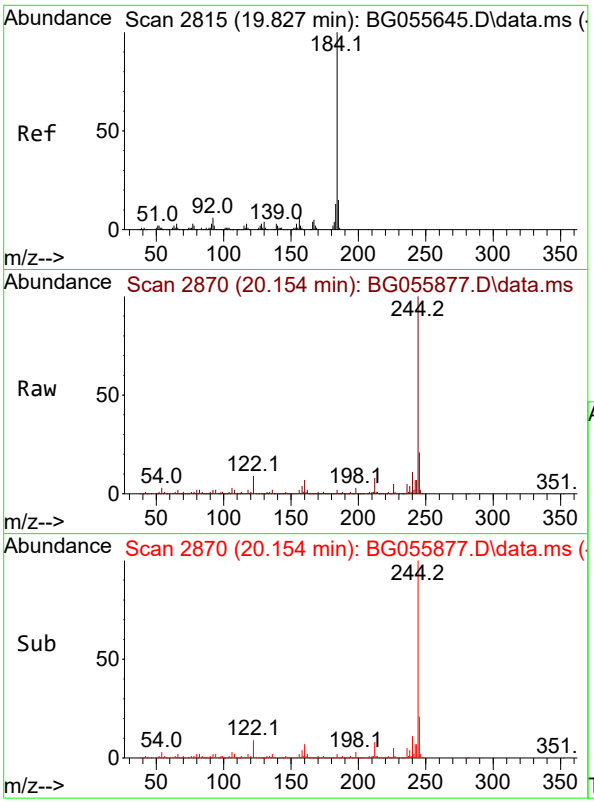


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:240 Resp: 218444

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.3	9.5
236	26.0	21.9	32.9



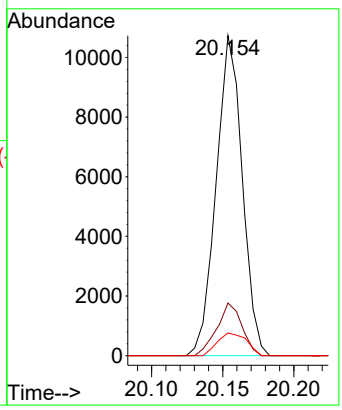


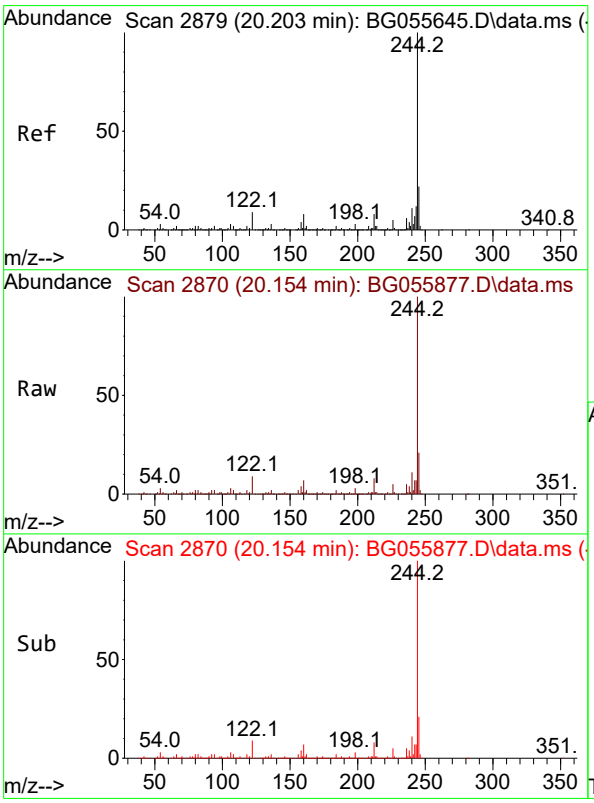
#77
Benzidine
Concen: 2.711 ng
RT: 20.154 min Scan# 2
Delta R.T. 0.368 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:184 Resp: 13698

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.8	17.8
183	7.1	10.6	15.8#

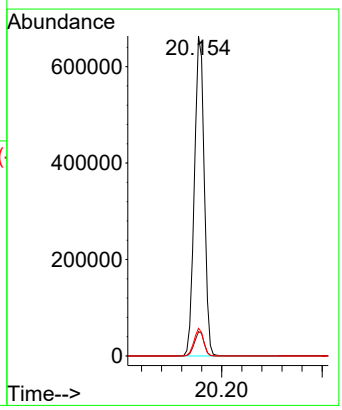


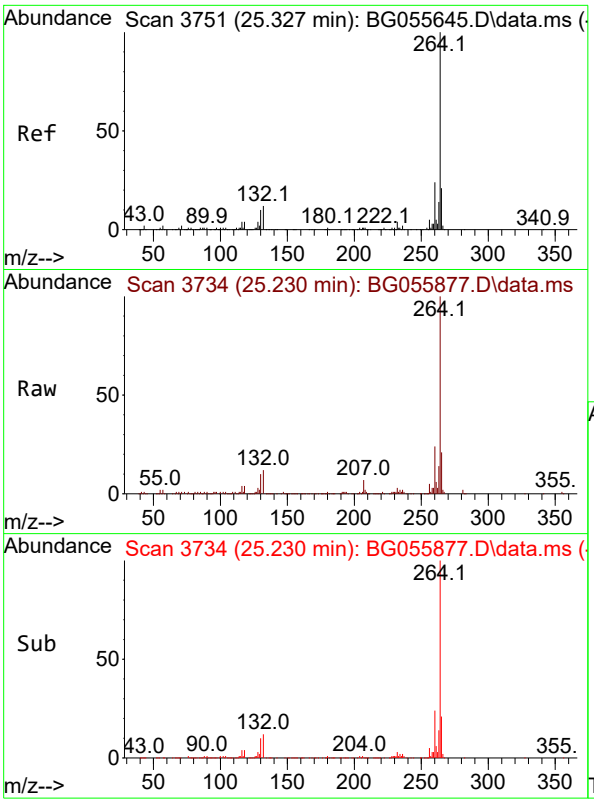


#79
Terphenyl-d14
Concen: 82.280 ng
RT: 20.154 min Scan# 2870
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:244 Resp: 898622

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.7	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.230 min Scan# 3
Delta R.T. -0.020 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

Tgt Ion:264 Resp: 231779

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.2	17.1	25.7