Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060054.D
Acq On : 16 Dec 2023 4:01
Operator : MA/JU
Sample : 05829-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-4

Quant Time: Dec 18 00:09:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	69507	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	284153	20.000	ng	0.00
39) Acenaphthene-d10	14.588	164	236125	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	709972	20.000	ng	# 0.00
76) Chrysene-d12	21.609	240	855780	20.000	ng	0.00
86) Perylene-d12	24.794	264	990219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	181409	44.678	ng	0.00
7) Phenol-d6	7.109	99	149664	26.204	ng	0.00
23) Nitrobenzene-d5	9.118	82	495176	79.130	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	692903	125.918	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1551345	80.410	ng	0.00
79) Terphenyl-d14	19.964	244	3868508	82.530	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.112	70	66738	18.111	ng	# 82
51) 2,6-Dinitrotoluene	14.588	165	31918	8.407	ng	# 24
57) 2,4-Dinitrotoluene	14.588	165	31918	5.980	ng	# 27
67) 4-Bromophenyl-phenylether	16.081	248	43229	4.315	ng	# 1
69) Atrazine	16.762	200	99	Below Cal		# 34
77) Benzidine	19.964	184	61157	5.564	ng	# 91

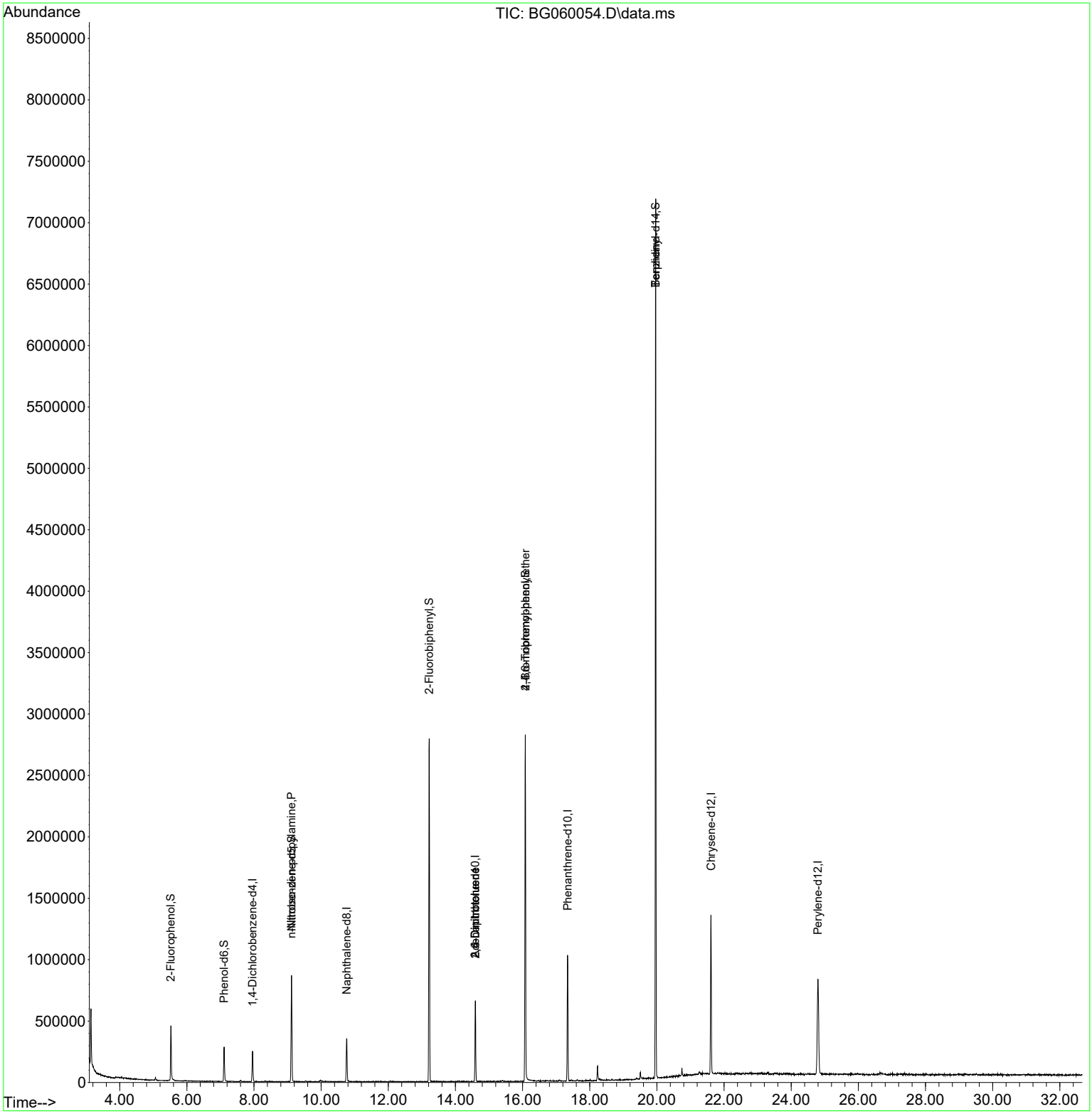
(#) = qualifier out of range (m) = manual integration (+) = signals summed

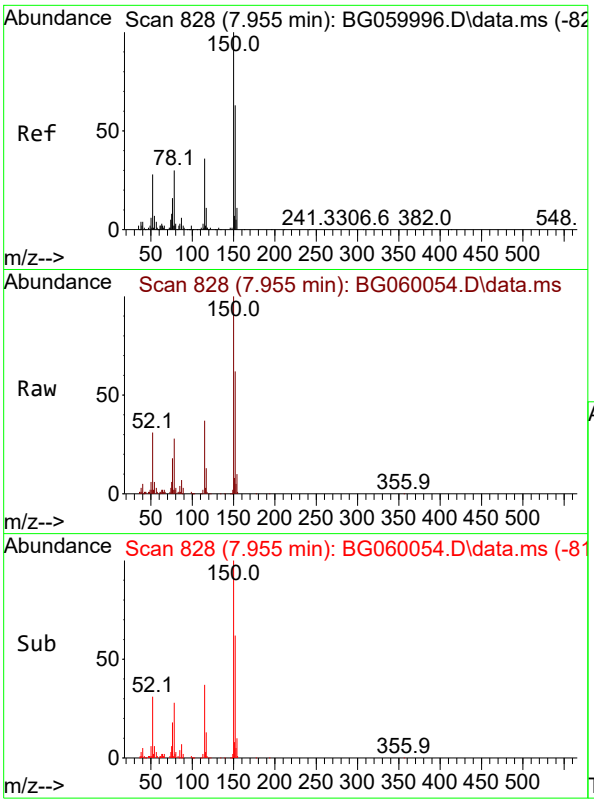
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060054.D
Acq On : 16 Dec 2023 4:01
Operator : MA/JU
Sample : 05829-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-4

Quant Time: Dec 18 00:09:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration



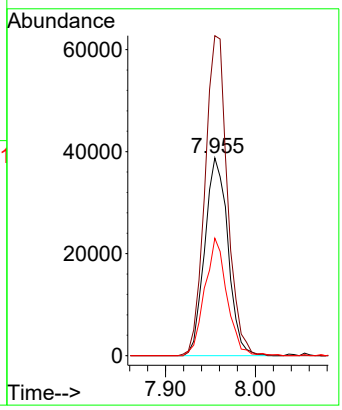


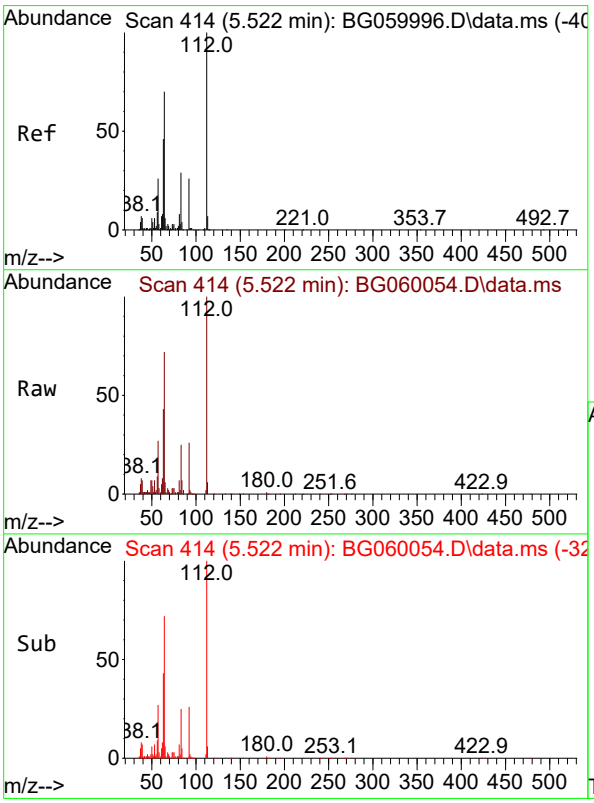
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 69507

Ion	Ratio	Lower	Upper
152	100		
150	161.8	127.0	190.6
115	59.4	45.7	68.5

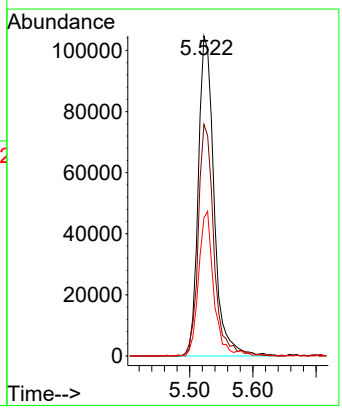


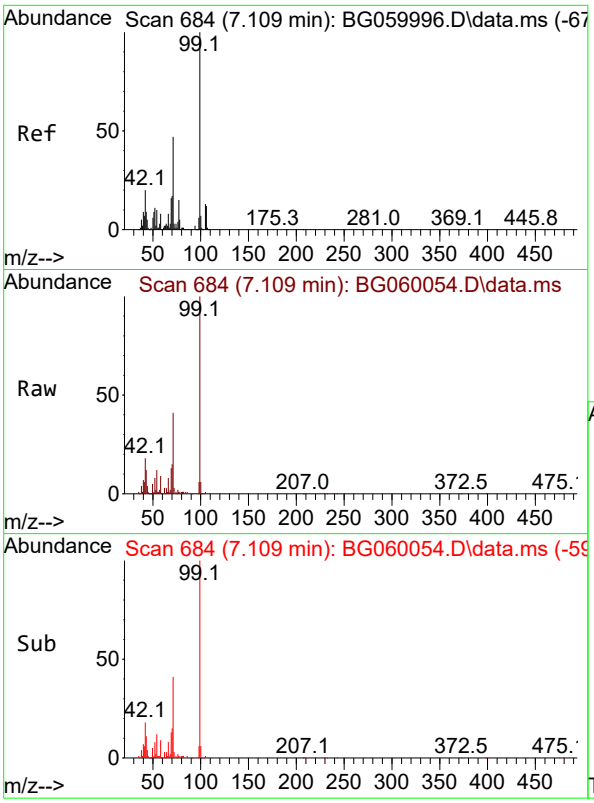


#5
2-Fluorophenol
Concen: 44.678 ng
RT: 5.522 min Scan# 414
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:112 Resp: 181409

Ion	Ratio	Lower	Upper
112	100		
64	72.4	55.9	83.9
63	43.1	36.5	54.7



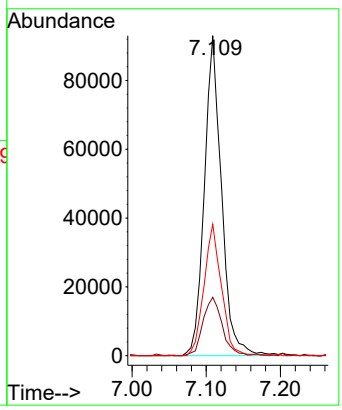


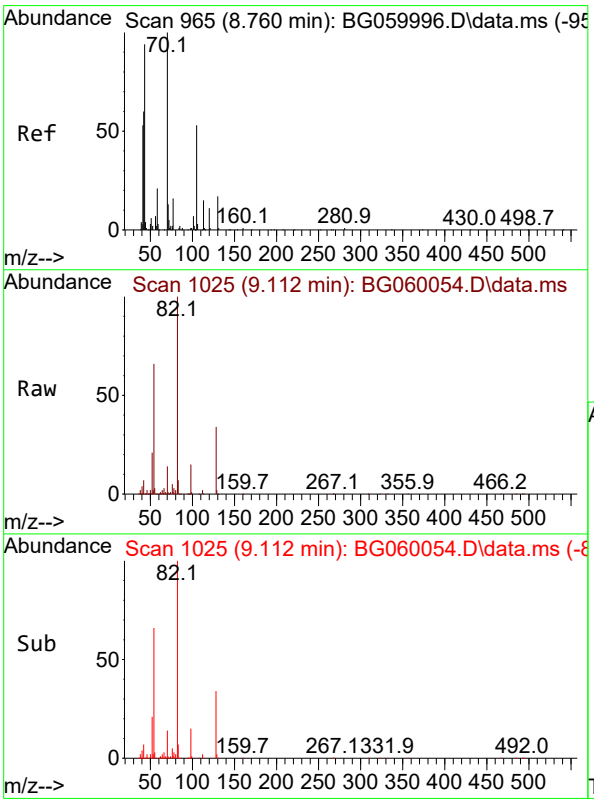
#7
Phenol-d6
Concen: 26.204 ng
RT: 7.109 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 149664

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.2	24.4
71	41.1	37.6	56.4

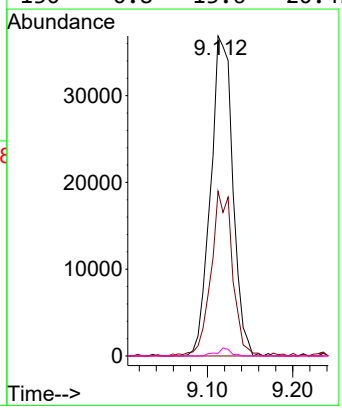


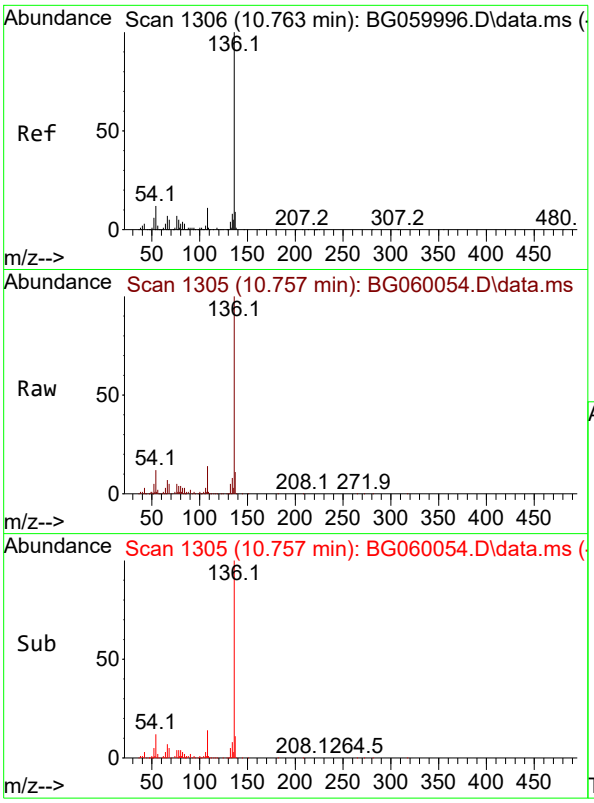


#19
n-Nitroso-di-n-propylamine
Concen: 18.111 ng
RT: 9.112 min Scan# 1025
Delta R.T. 0.353 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion: 70 Resp: 66738

Ion	Ratio	Lower	Upper
70	100		
42	51.5	48.6	73.0
101	0.0	5.7	8.5#
130	0.8	13.6	20.4#



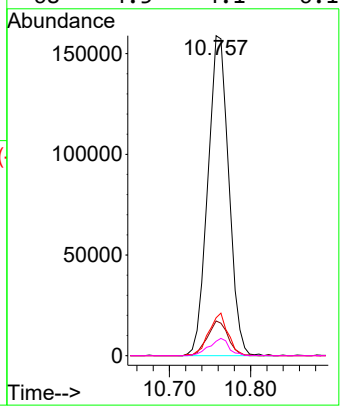


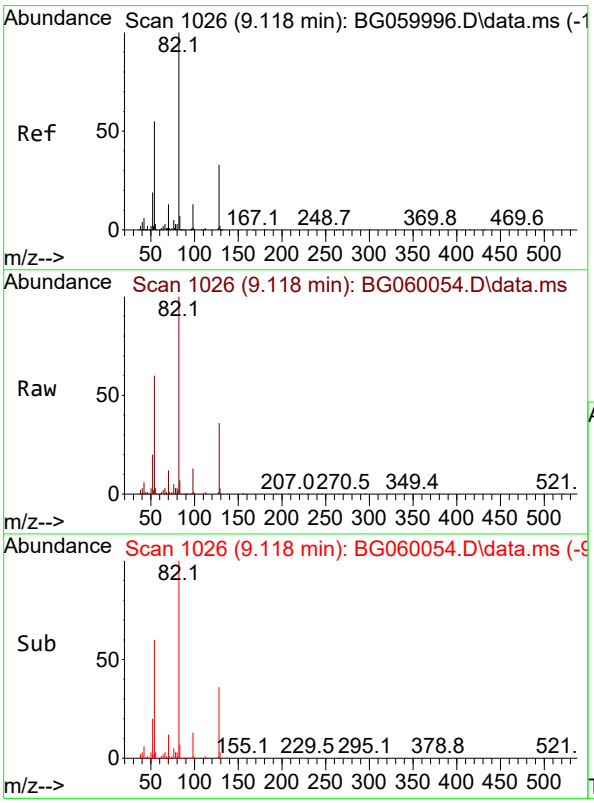
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 284153

Ion	Ratio	Lower	Upper
136	100		
137	10.9	7.3	10.9
54	11.8	9.6	14.4
68	4.5	4.1	6.1

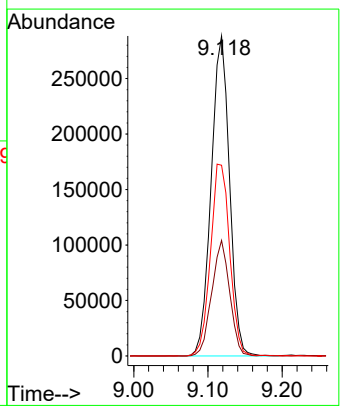


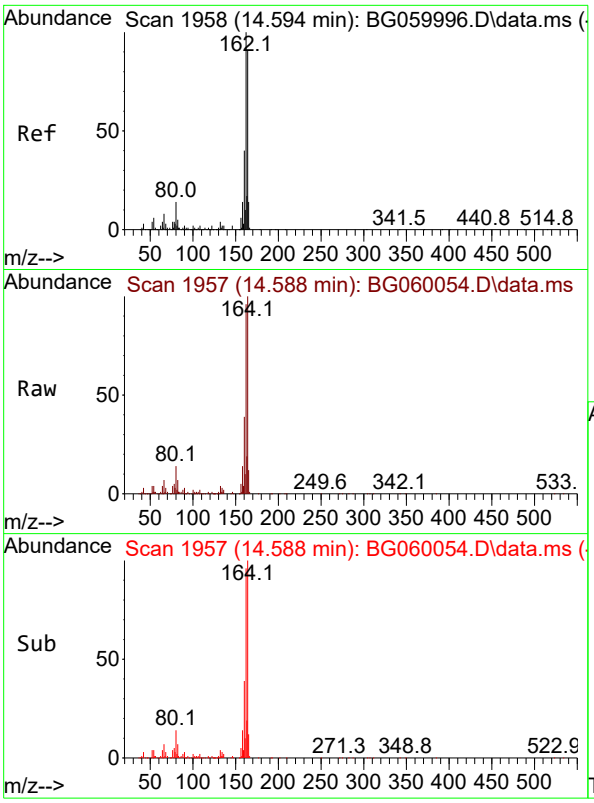


#23
Nitrobenzene-d5
Concen: 79.130 ng
RT: 9.118 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion: 82 Resp: 495176

Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.3	39.5
54	59.6	44.3	66.5



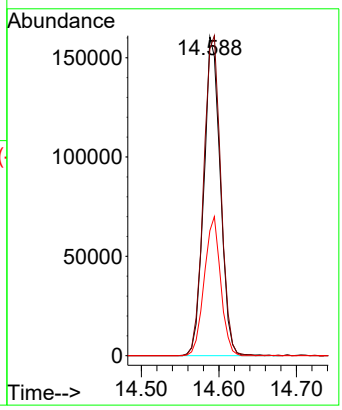


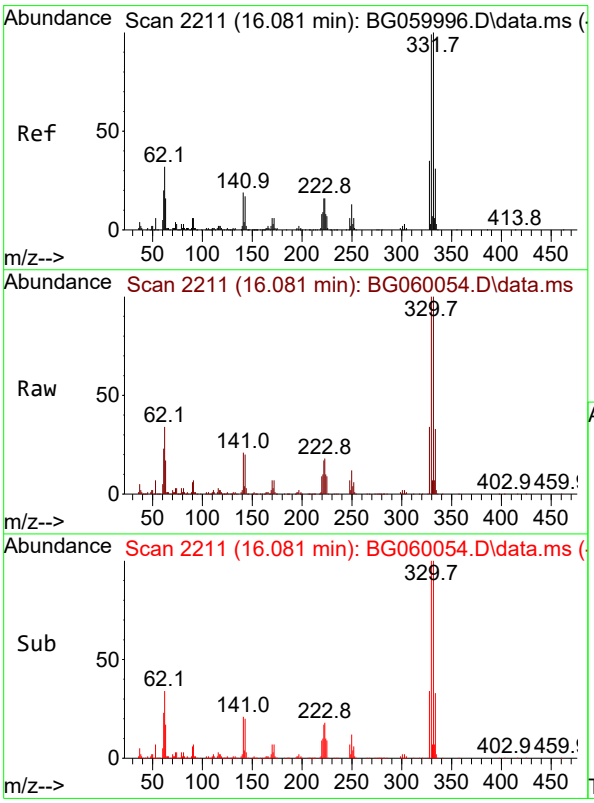
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.588 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 236125

Ion	Ratio	Lower	Upper
164	100		
162	96.3	88.1	132.1
160	39.2	35.4	53.0

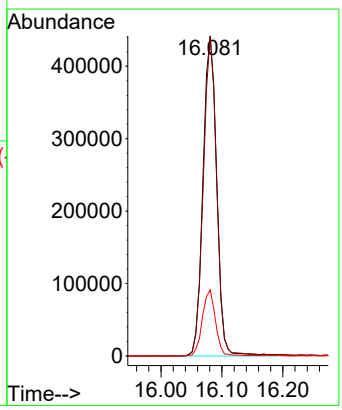


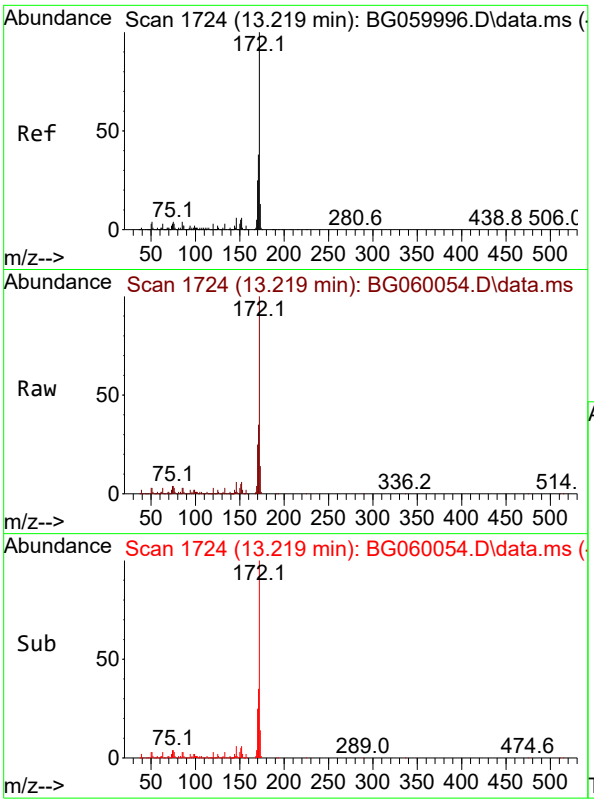


#42
2,4,6-Tribromophenol
Concen: 125.918 ng
RT: 16.081 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:330 Resp: 692903

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	19.9	14.3	21.5



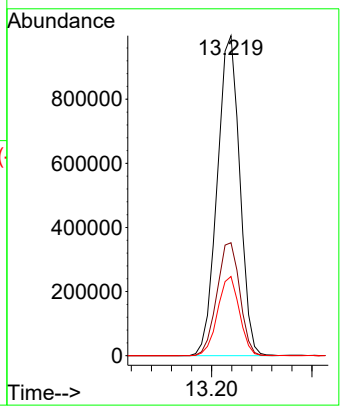


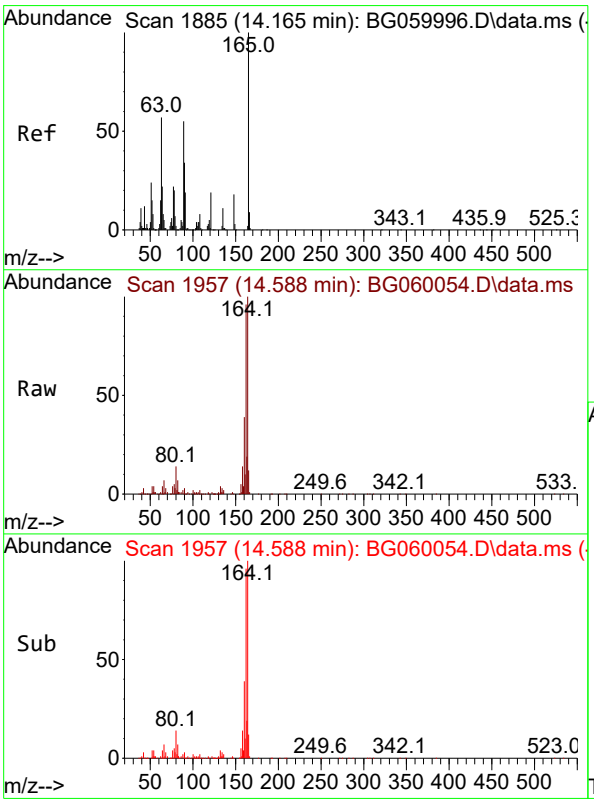
#45
2-Fluorobiphenyl
Concen: 80.410 ng
RT: 13.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 1551345

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.1	45.1
170	24.7	20.0	30.0

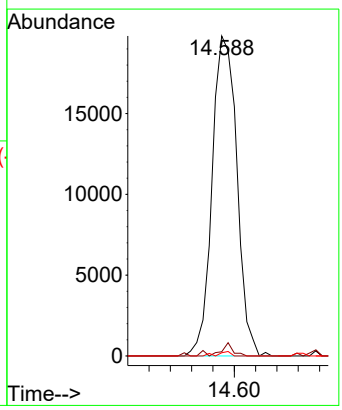


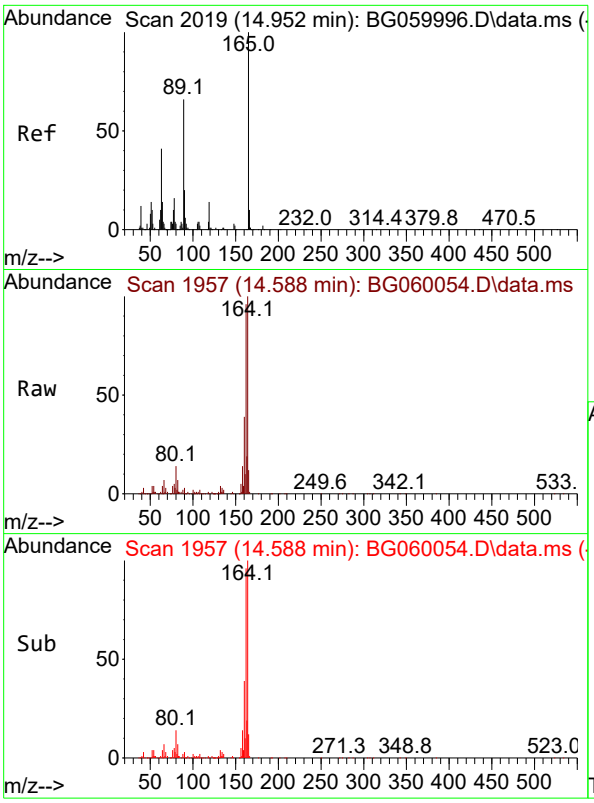


#51
2,6-Dinitrotoluene
Concen: 8.407 ng
RT: 14.588 min Scan# 1957
Delta R.T. 0.423 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:165 Resp: 31918

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.2	72.2#
89	1.0	44.4	66.6#



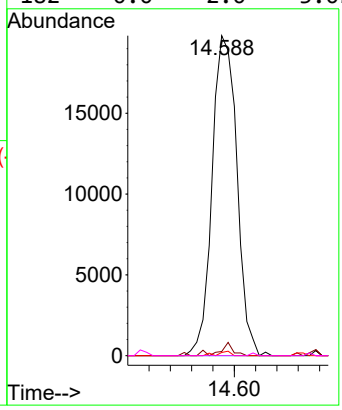


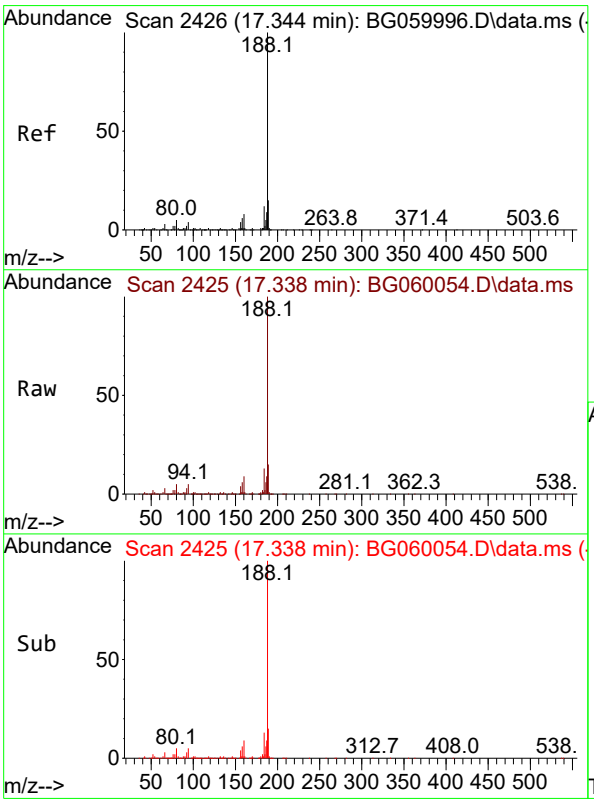
#57
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 14.588 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:165 Resp: 31918

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.8	49.2#
89	1.0	53.0	79.6#
182	0.0	2.0	3.0#

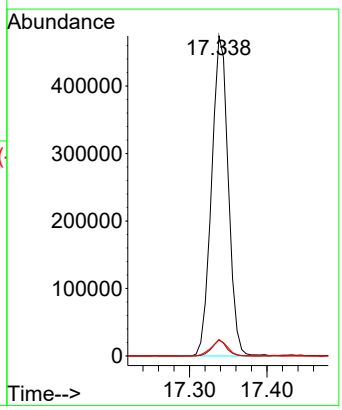


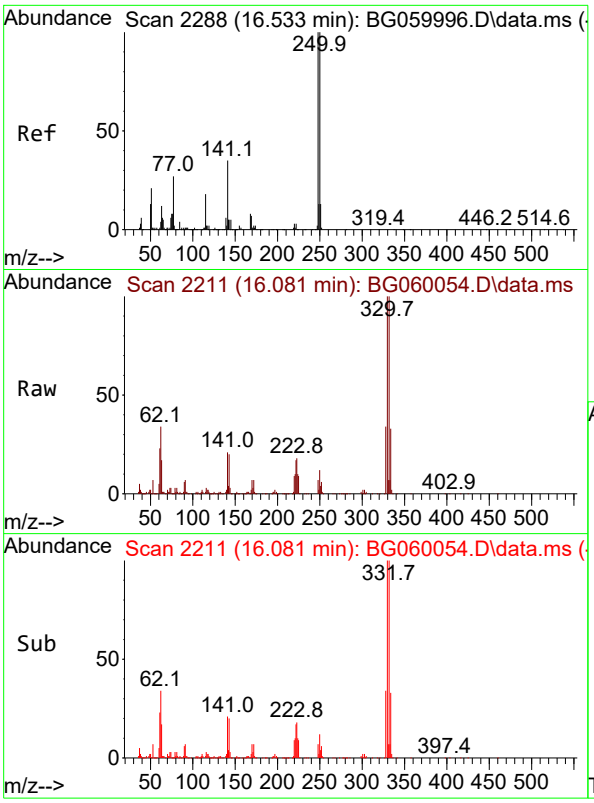


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:188 Resp: 709972

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.0	4.6#
80	5.2	4.0	6.0



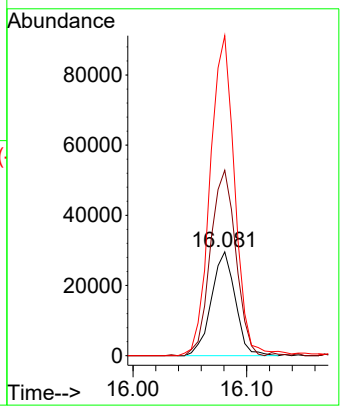


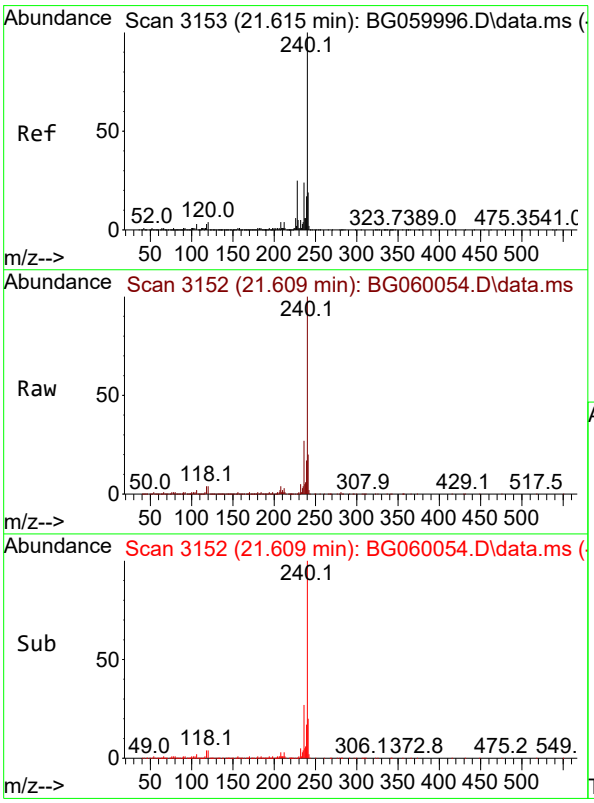
#67
4-Bromophenyl-phenylether
Concen: 4.315 ng
RT: 16.081 min Scan# 2
Delta R.T. -0.452 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:248 Resp: 43229

Ion	Ratio	Lower	Upper
248	100		
250	178.5	79.9	119.9#
141	308.0	28.3	42.5#

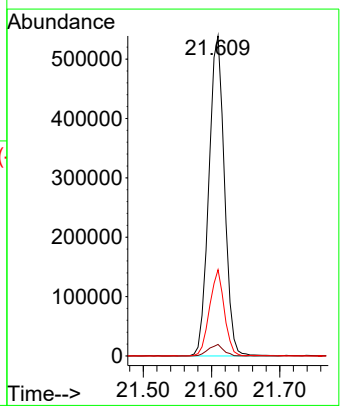


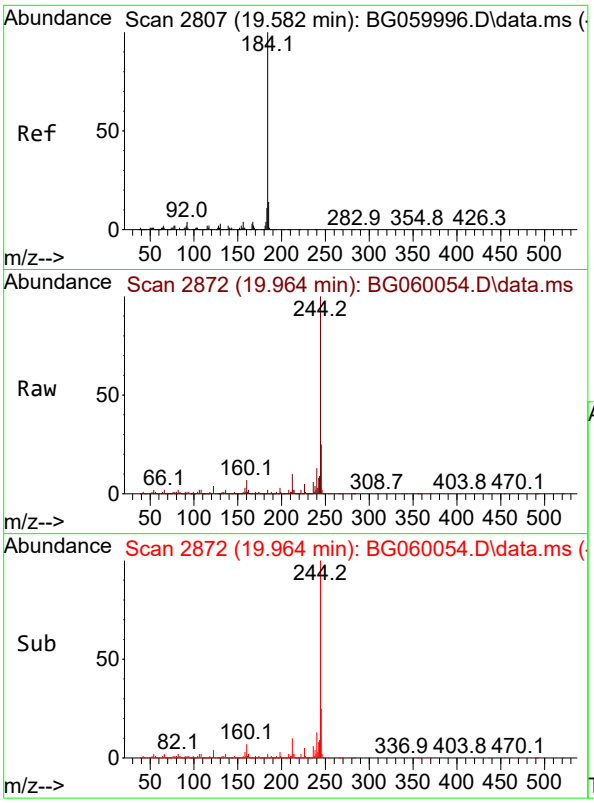


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.609 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:240 Resp: 855780

Ion	Ratio	Lower	Upper
240	100		
120	3.6	2.9	4.3
236	26.9	19.4	29.2



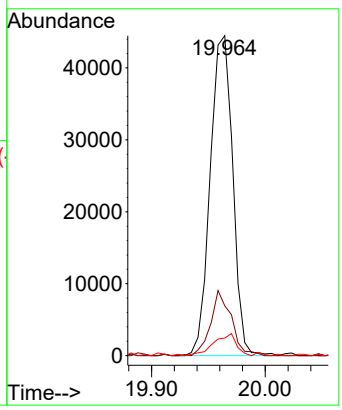


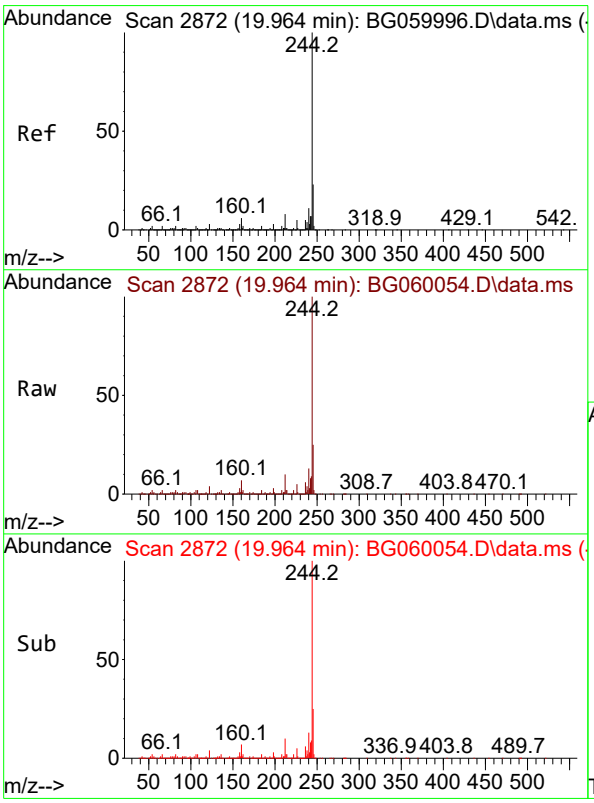
#77
Benzidine
Concen: 5.564 ng
RT: 19.964 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:184 Resp: 61157

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.1	16.7
183	5.5	9.0	13.4#

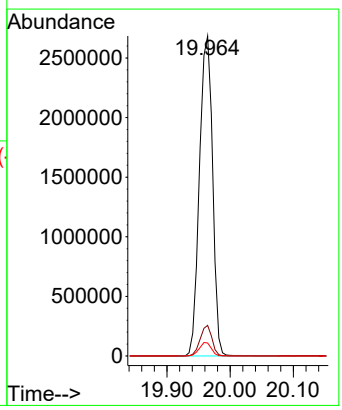


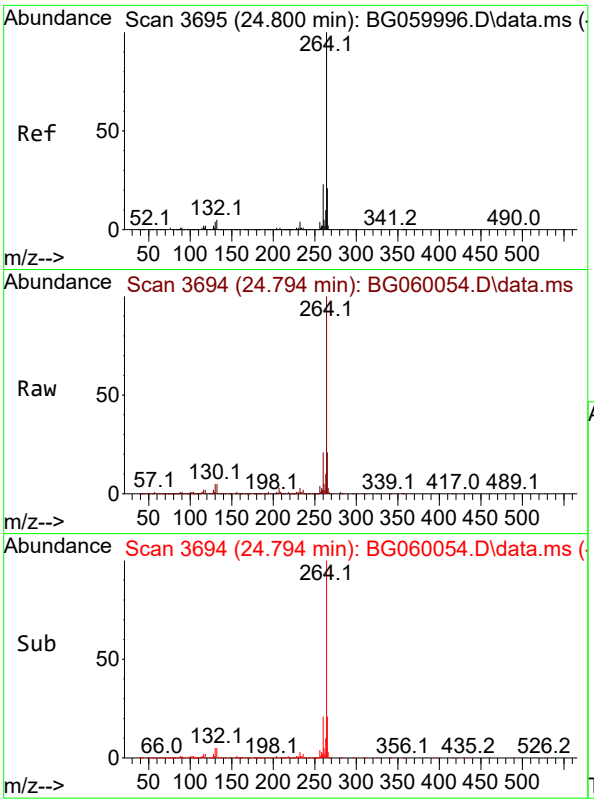


#79
Terphenyl-d14
Concen: 82.530 ng
RT: 19.964 min Scan# 2872
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:244 Resp: 3868508

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.8	10.2
122	4.0	2.6	3.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.794 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 990219

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.5	27.7
265	21.1	17.3	25.9