Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
Data File : BG055195.D
Acq On : 17 Oct 2022 16:40
Operator : CG/JU
Sample : N5151-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
256317-6

Quant Time: Oct 17 17:34:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	27004	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	110019	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	81763	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	190364	20.000	ng	0.00
76) Chrysene-d12	21.925	240	194111	20.000	ng	0.00
86) Perylene-d12	25.351	264	207688	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	96032	69.576	ng	0.00
7) Phenol-d6	7.436	99	80451	39.403	ng	0.00
23) Nitrobenzene-d5	9.475	82	197475	96.252	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	176967	150.631	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	517521	103.396	ng	0.00
79) Terphenyl-d14	20.221	244	937299	97.250	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.475	70	27900	16.932	ng	# 78
51) 2,6-Dinitrotoluene	14.910	165	10936	8.086	ng	# 21
57) 2,4-Dinitrotoluene	14.910	165	10936	5.521	ng	# 23
67) 4-Bromophenyl-phenylether	16.391	248	10985	5.293	ng	# 1
77) Benzidine	20.221	184	13477	3.096	ng	# 90

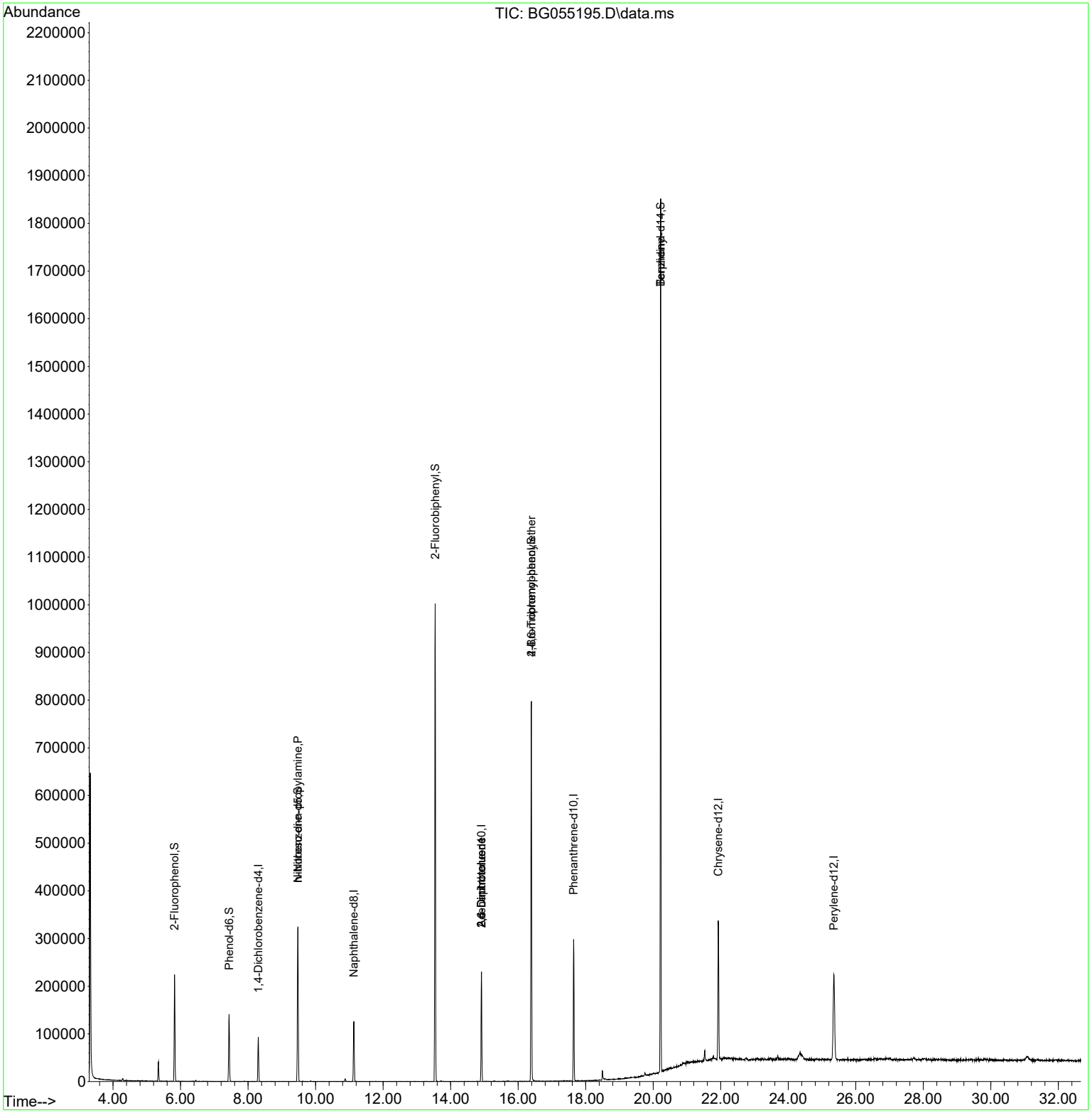
(#) = qualifier out of range (m) = manual integration (+) = signals summed

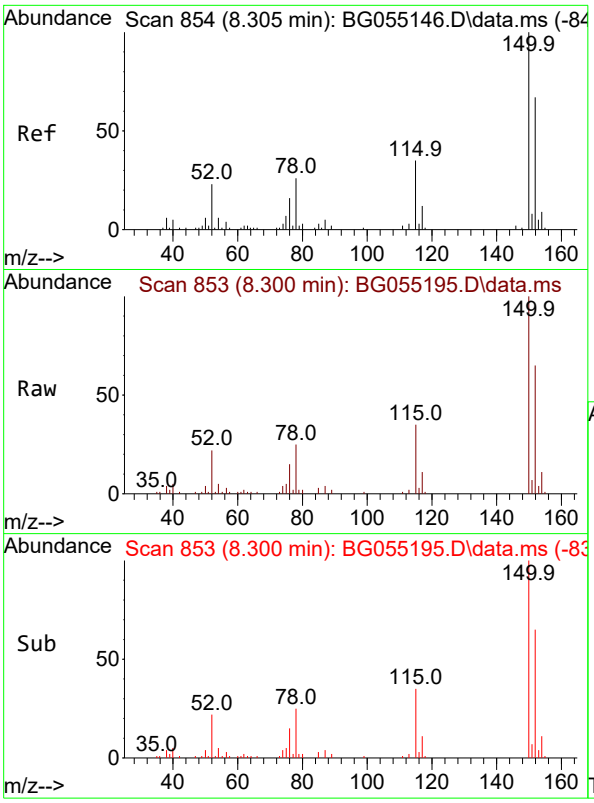
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
Data File : BG055195.D
Acq On : 17 Oct 2022 16:40
Operator : CG/JU
Sample : N5151-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
256317-6

Quant Time: Oct 17 17:34:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration



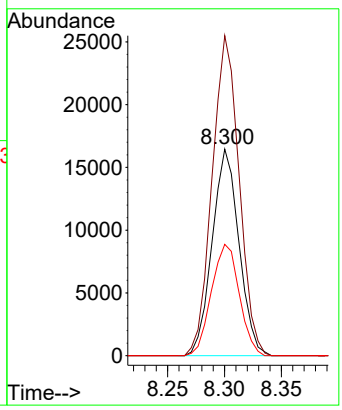


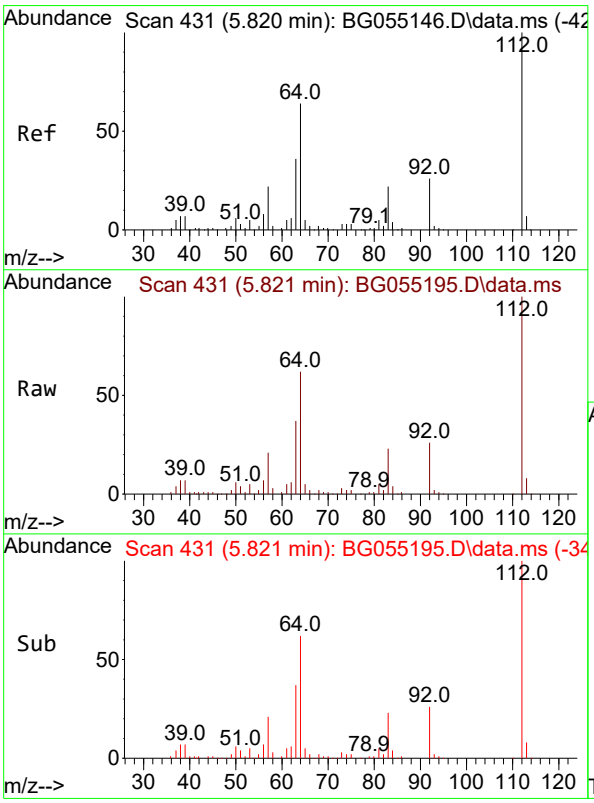
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:152 Resp: 27004

Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.7	179.5
115	53.9	42.4	63.6

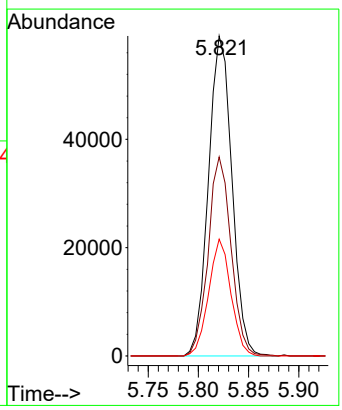


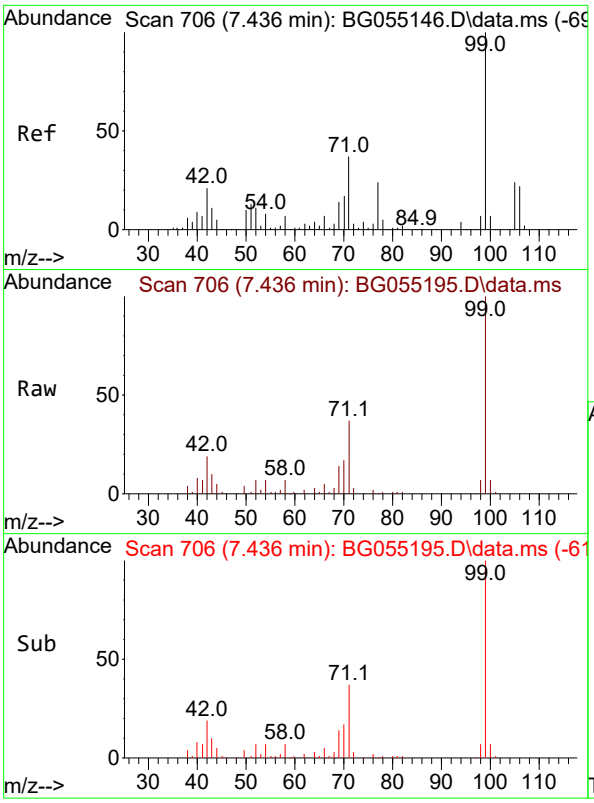


#5
2-Fluorophenol
Concen: 69.576 ng
RT: 5.821 min Scan# 431
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:112 Resp: 96032

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.9	76.3
63	36.5	29.0	43.6



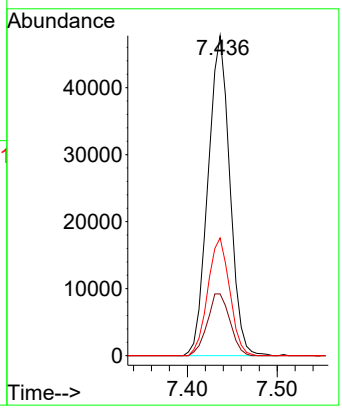


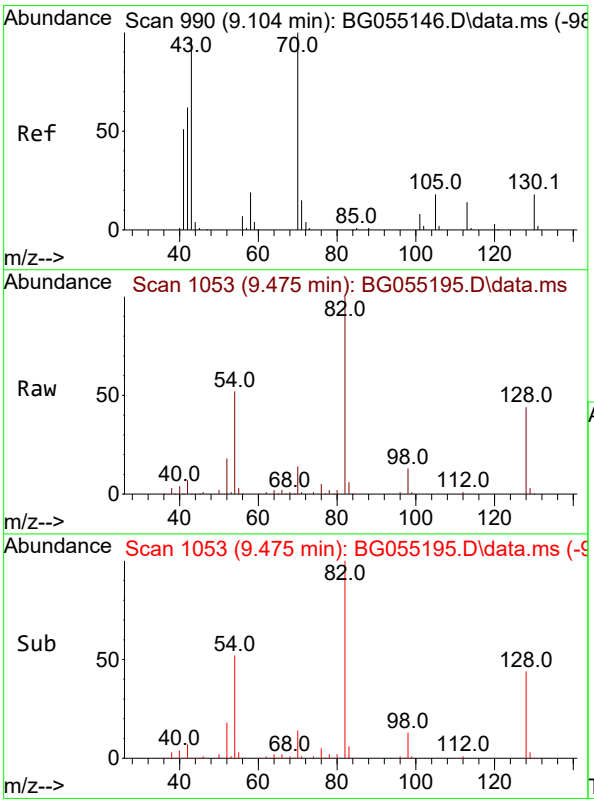
#7
Phenol-d6
Concen: 39.403 ng
RT: 7.436 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion: 99 Resp: 80451

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.6	25.0
71	36.8	29.6	44.4

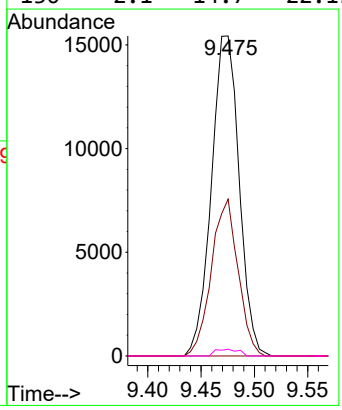


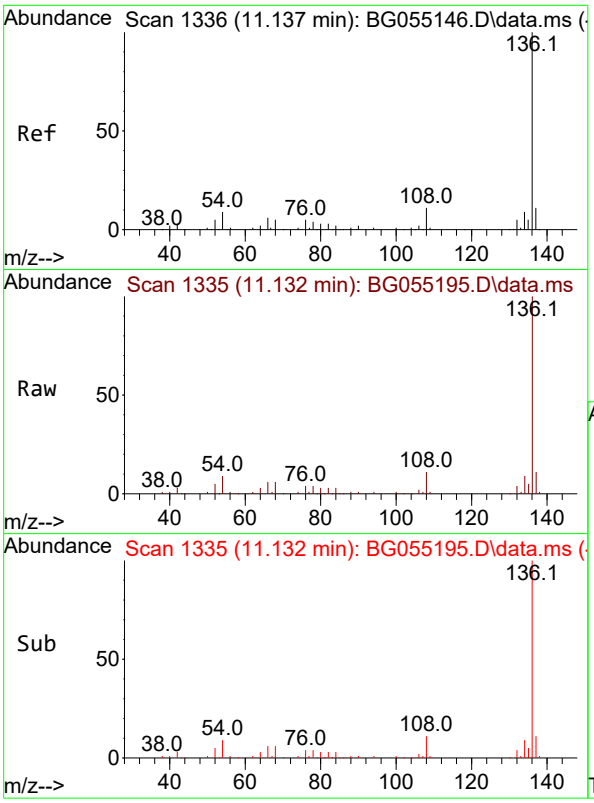


#19
n-Nitroso-di-n-propylamine
Concen: 16.932 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.371 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion: 70 Resp: 27900

Ion	Ratio	Lower	Upper
70	100		
42	49.0	50.1	75.1#
101	0.0	6.6	10.0#
130	2.1	14.7	22.1#



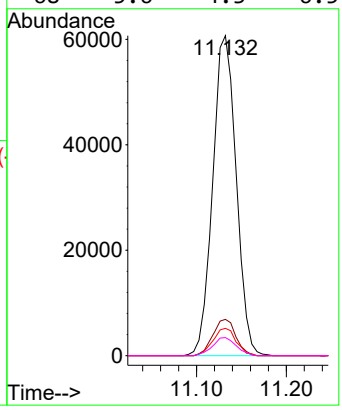


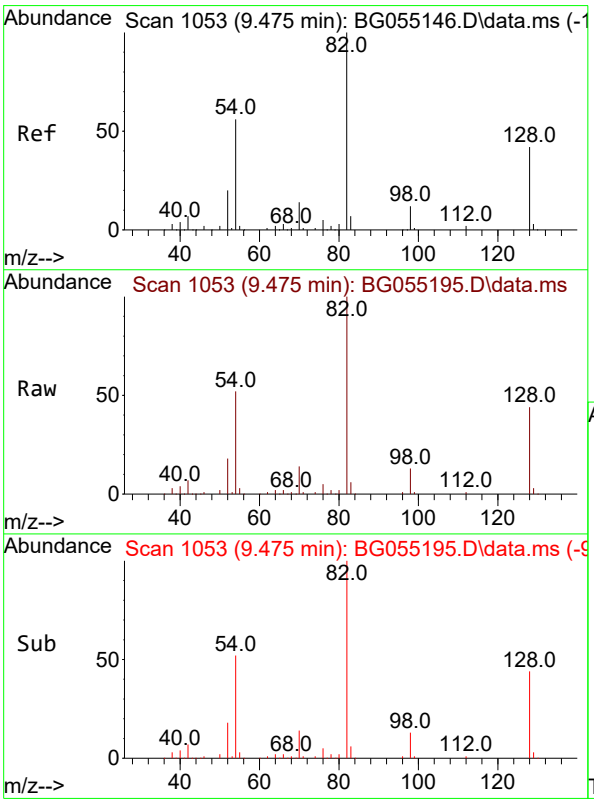
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:136 Resp: 110019

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.6	7.0	10.6
68	5.6	4.3	6.5

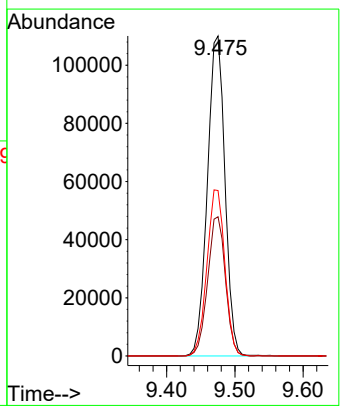


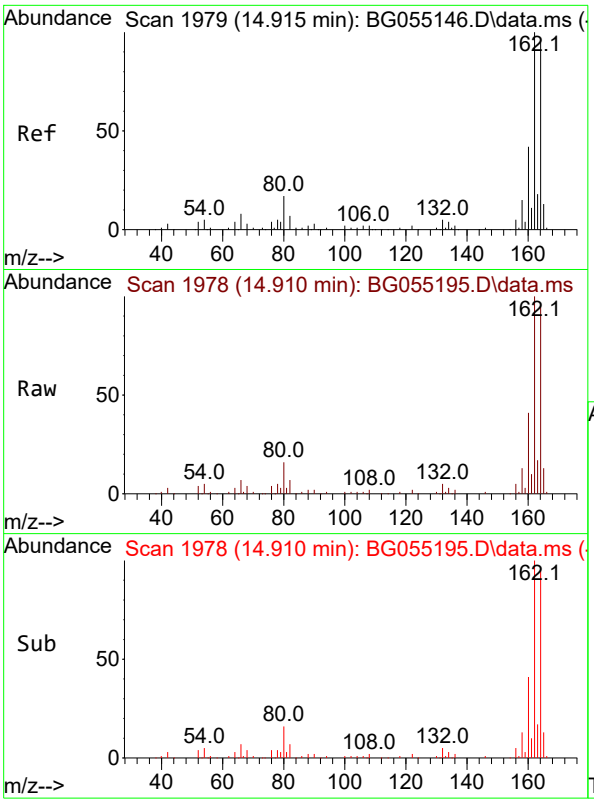


#23
Nitrobenzene-d5
Concen: 96.252 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion: 82 Resp: 197475

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.5	50.3
54	51.7	44.7	67.1



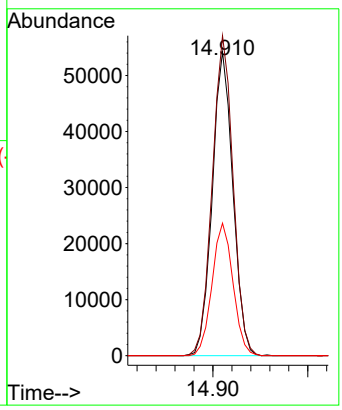


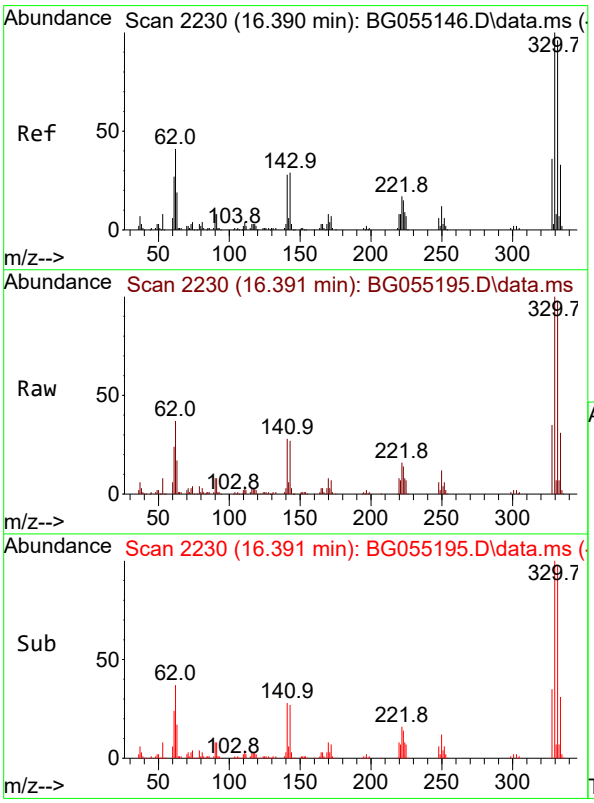
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:164 Resp: 81763

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.3	124.9
160	43.6	35.3	52.9

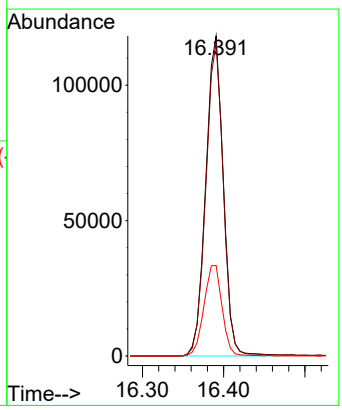


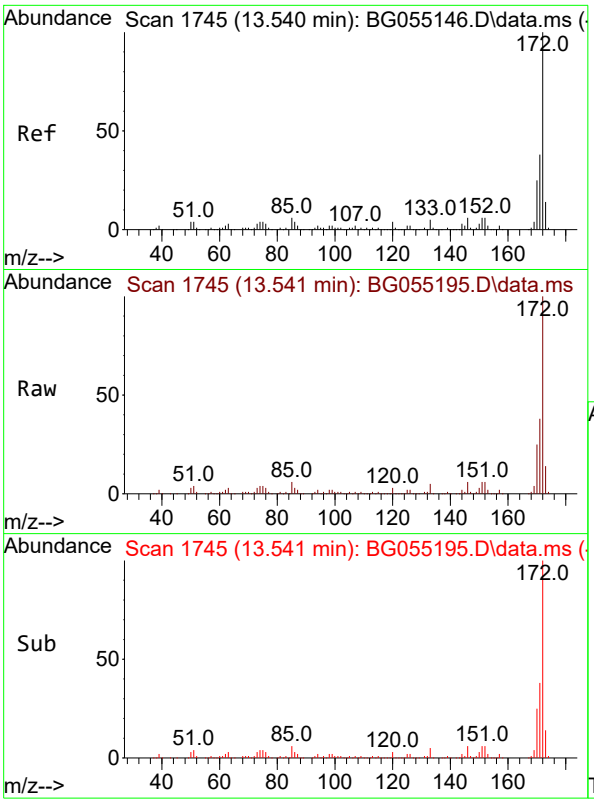


#42
2,4,6-Tribromophenol
Concen: 150.631 ng
RT: 16.391 min Scan# 2230
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:330 Resp: 176967

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.4
141	29.3	24.6	36.8



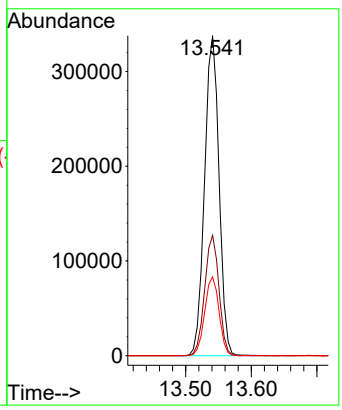


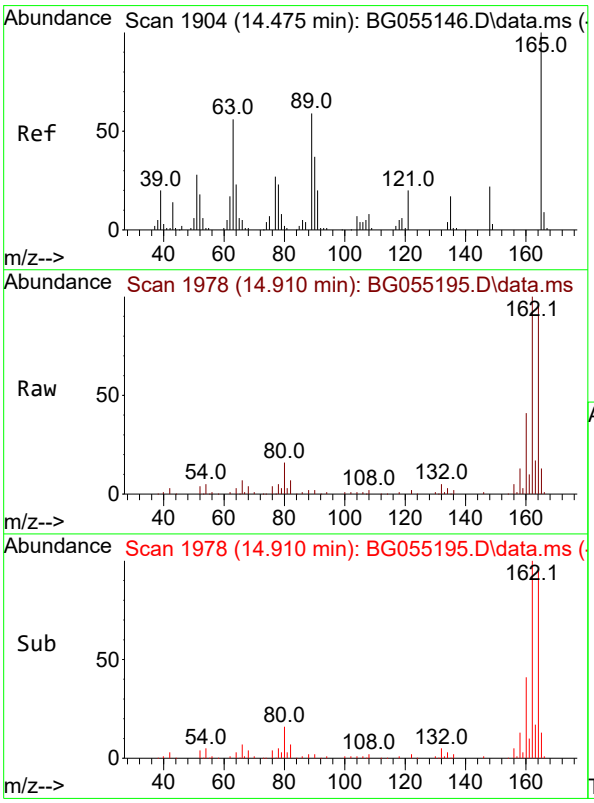
#45
2-Fluorobiphenyl
Concen: 103.396 ng
RT: 13.541 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:172 Resp: 517521

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.1	45.1
170	24.7	19.8	29.6

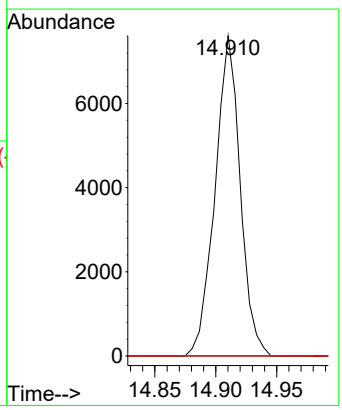


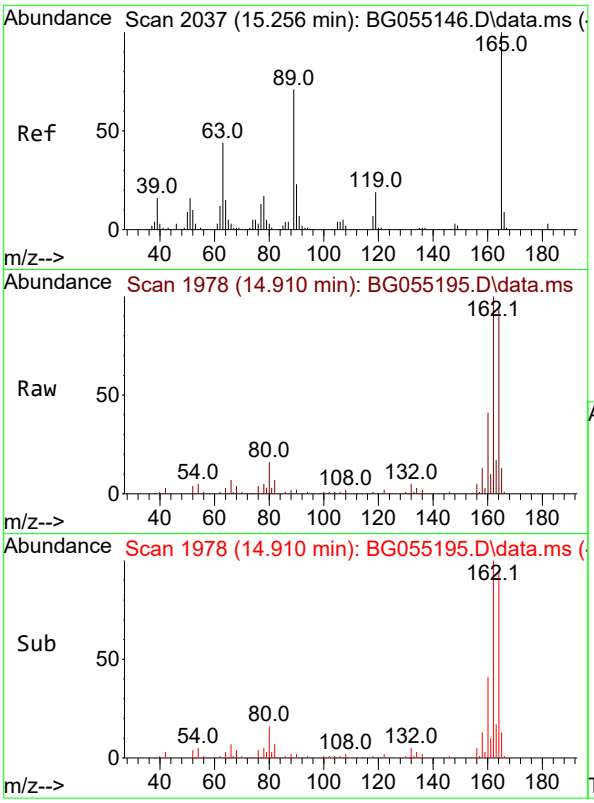


#51
2,6-Dinitrotoluene
Concen: 8.086 ng
RT: 14.910 min Scan# 1978
Delta R.T. 0.435 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:165 Resp: 10936

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	70.0#
89	0.0	47.6	71.4#



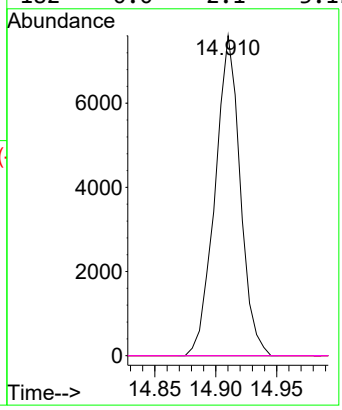


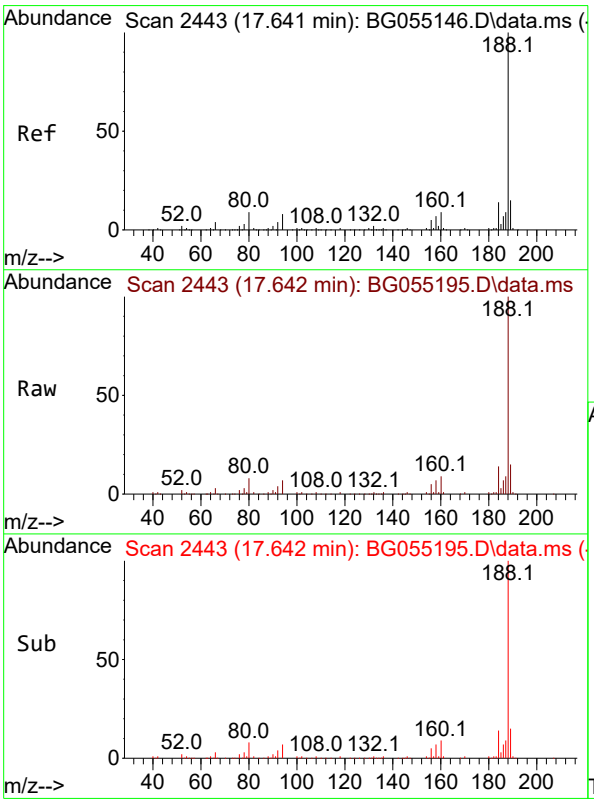
#57
2,4-Dinitrotoluene
Concen: 5.521 ng
RT: 14.910 min Scan# 1
Delta R.T. -0.346 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:165 Resp: 10936

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.6	53.4#
89	0.0	56.4	84.6#
182	0.0	2.1	3.1#

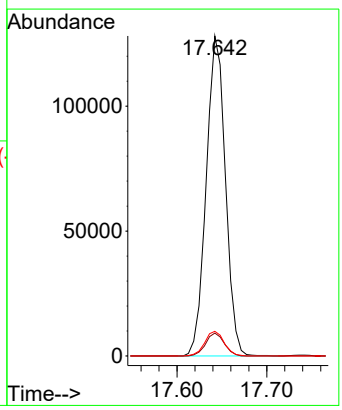


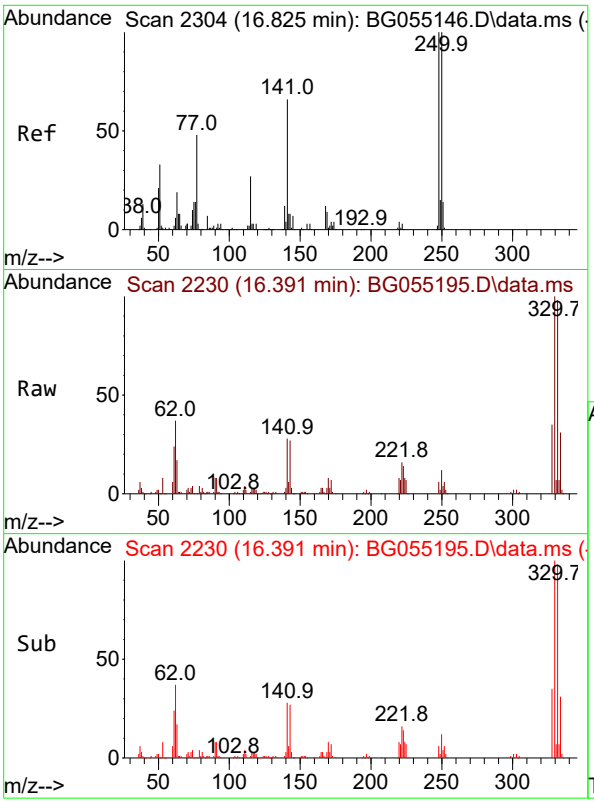


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:188 Resp: 190364

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.2
80	7.7	7.0	10.6



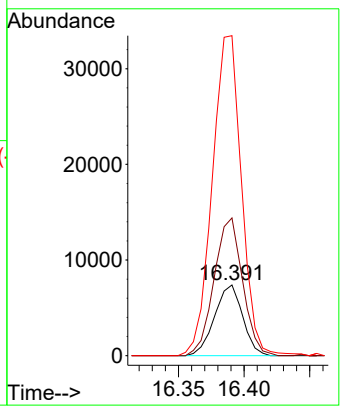


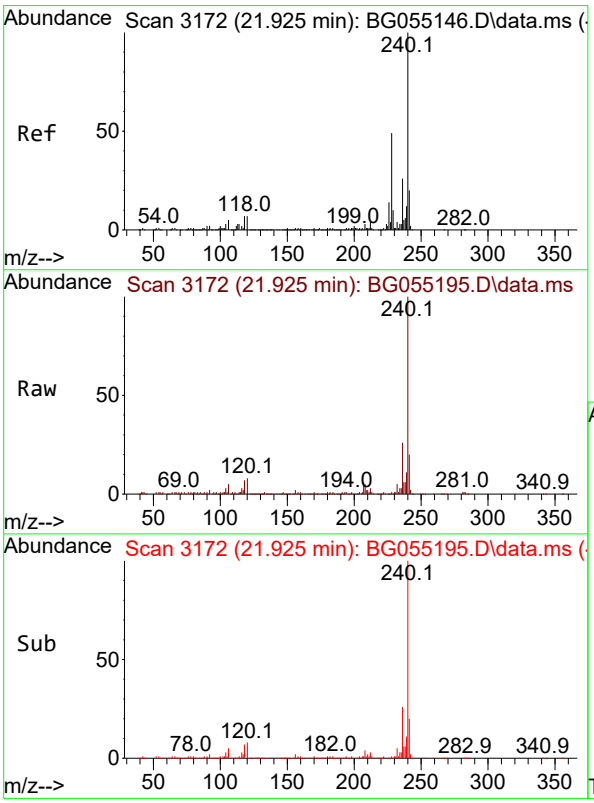
#67
4-Bromophenyl-phenylether
Concen: 5.293 ng
RT: 16.391 min Scan# 2
Delta R.T. -0.434 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:248 Resp: 10985

Ion	Ratio	Lower	Upper
248	100		
250	194.5	80.1	120.1#
141	452.0	53.1	79.7#

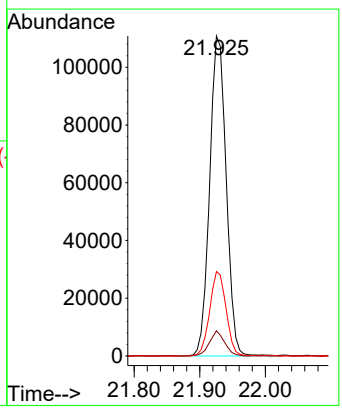


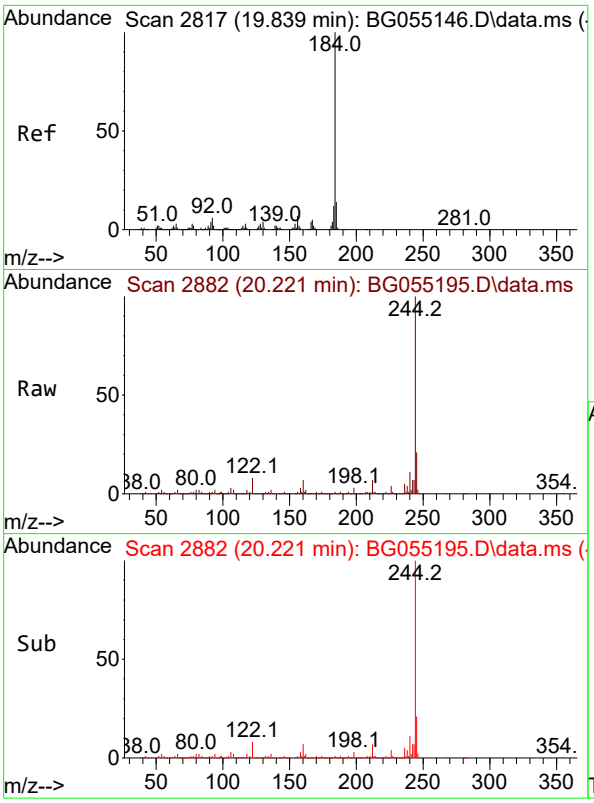


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:240 Resp: 194111

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.4	8.0
236	26.4	20.6	31.0



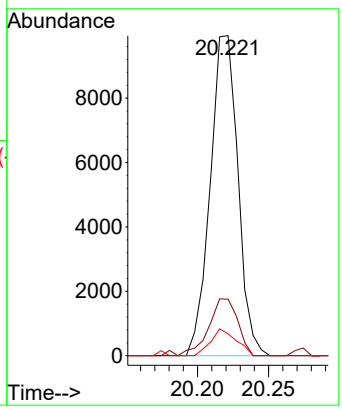


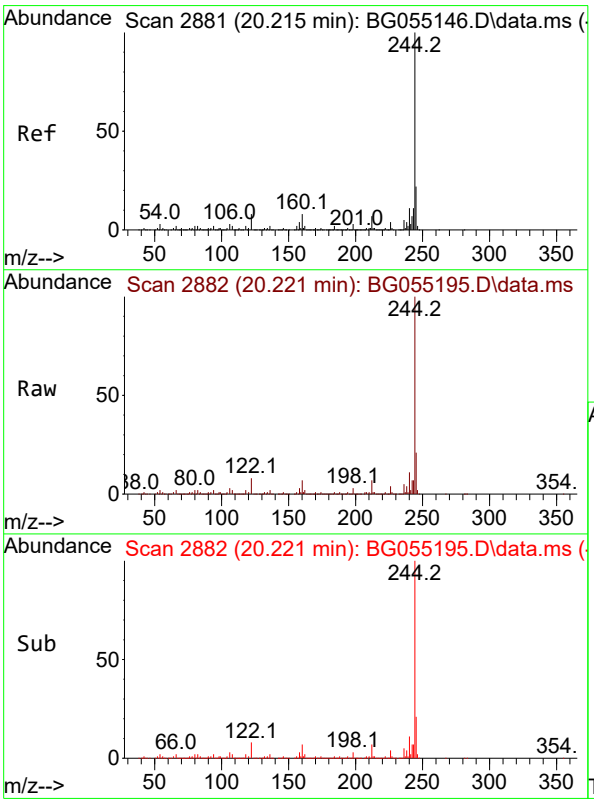
#77
Benzidine
Concen: 3.096 ng
RT: 20.221 min Scan# 2
Delta R.T. 0.383 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:184 Resp: 13477

Ion	Ratio	Lower	Upper
184	100		
185	17.7	11.5	17.3#
183	6.8	9.4	14.2#

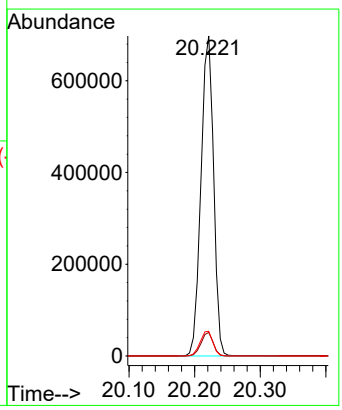


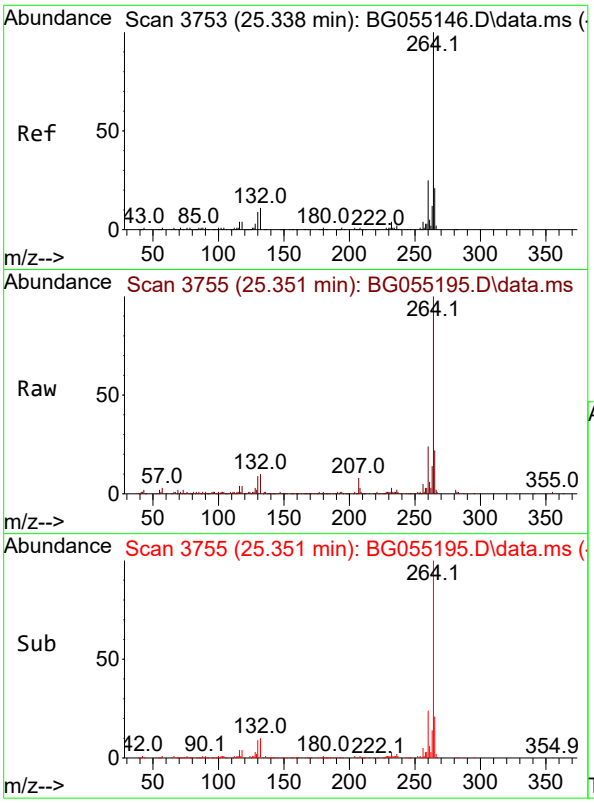


#79
Terphenyl-d14
Concen: 97.250 ng
RT: 20.221 min Scan# 2882
Delta R.T. 0.007 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:244 Resp: 937299

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	7.7	6.6	10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Instrument :
BNA_G
ClientSampleId :
256317-6

Tgt Ion:264 Resp: 207688

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.5	16.8	25.2