Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055840.D
Acq On : 30 Nov 2022 12:29
Operator : CG/JU
Sample : PB148322BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Quant Time: Dec 01 02:12:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 02:10:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	27399	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	113935	20.000	ng	0.00
39) Acenaphthene-d10	14.848	164	85189	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	223465	20.000	ng	0.00
76) Chrysene-d12	21.869	240	248834	20.000	ng	-0.01
86) Perylene-d12	25.253	264	259839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	230250	151.896	ng	0.00
7) Phenol-d6	7.368	99	299433	148.394	ng	0.00
23) Nitrobenzene-d5	9.395	82	187687	87.069	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	171182	142.703	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	487618	85.752	ng	0.00
79) Terphenyl-d14	20.171	244	1127907	90.661	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.395	70	25840	16.667	ng	# 76
51) 2,6-Dinitrotoluene	14.842	165	11169	8.044	ng	# 24
57) 2,4-Dinitrotoluene	14.842	165	11169	5.705	ng	# 22
67) 4-Bromophenyl-phenylether	16.328	248	10467	4.111	ng	# 1
77) Benzidine	20.171	184	17451	3.031	ng	# 89

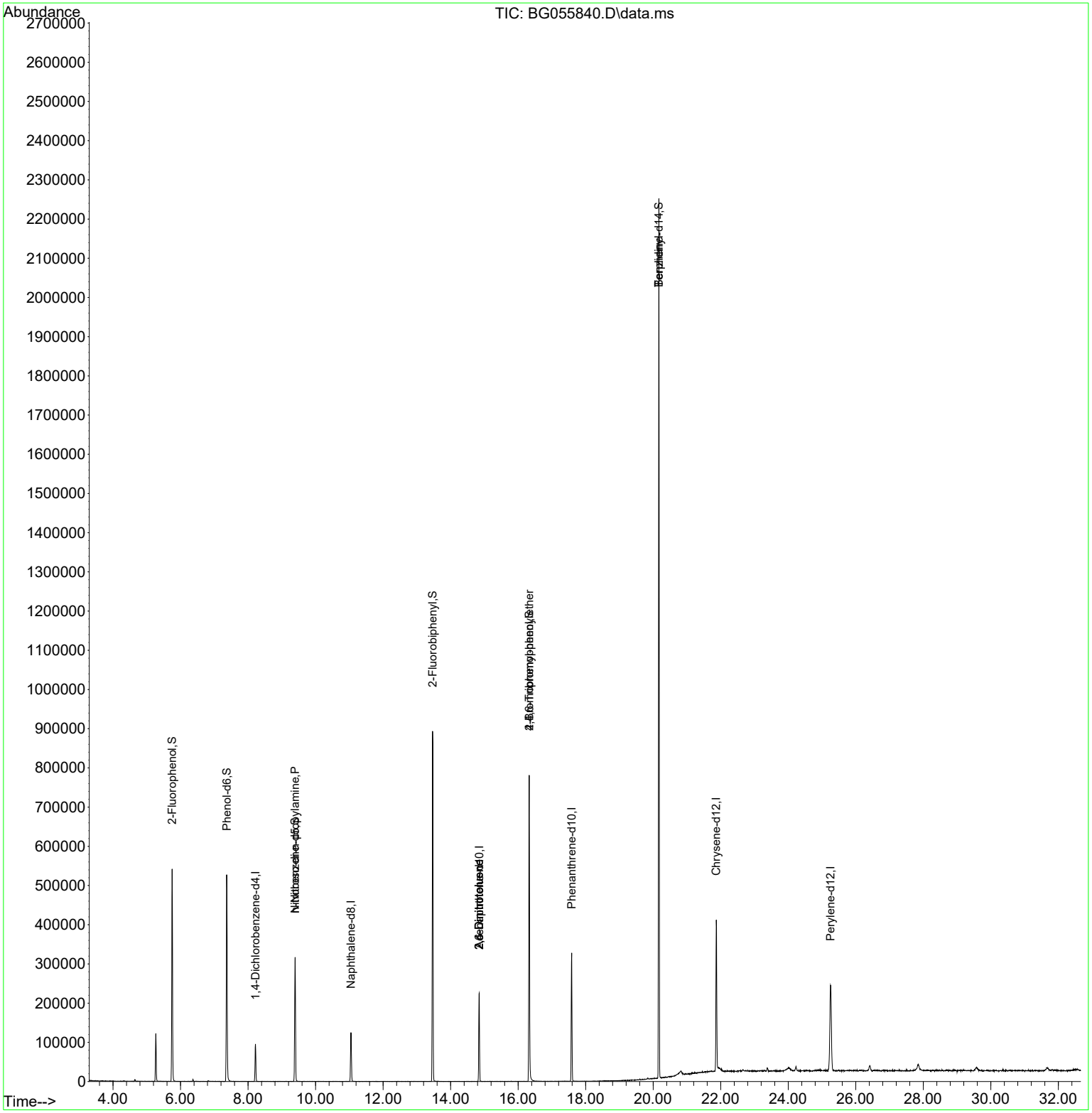
(#) = qualifier out of range (m) = manual integration (+) = signals summed

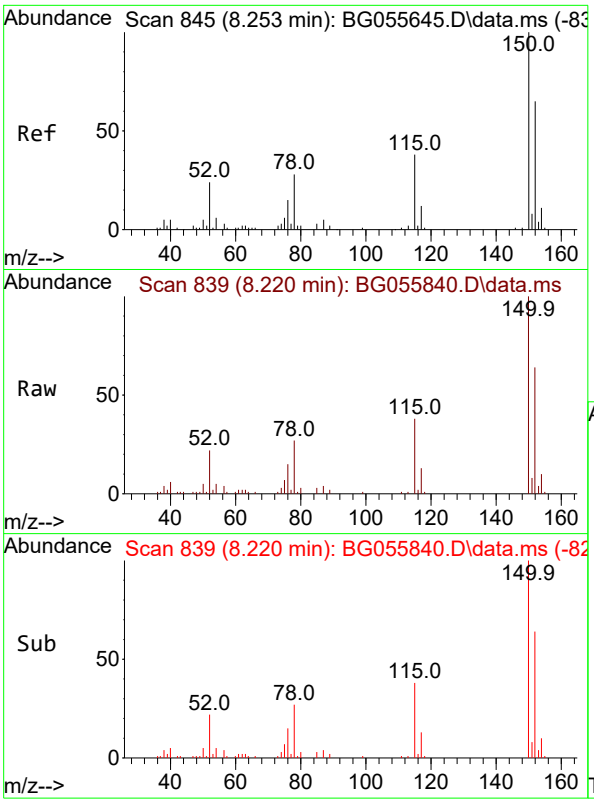
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055840.D
Acq On : 30 Nov 2022 12:29
Operator : CG/JU
Sample : PB148322BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Quant Time: Dec 01 02:12:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 02:10:33 2022
Response via : Initial Calibration



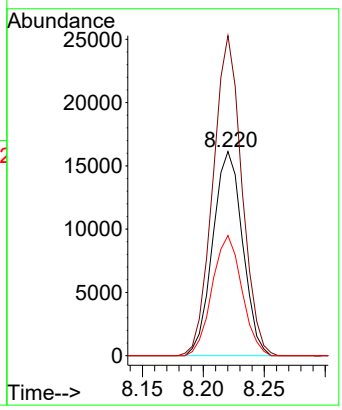


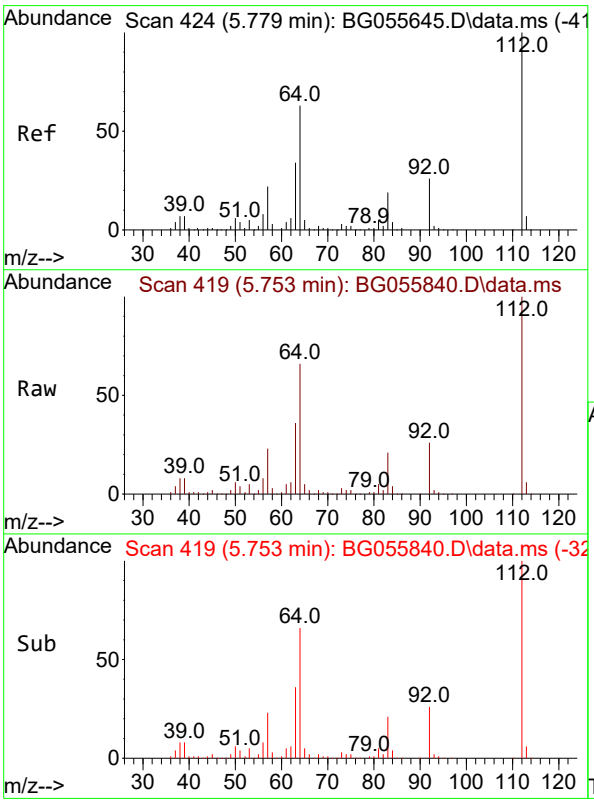
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:152 Resp: 27399

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.6
115	58.8	47.0	70.4

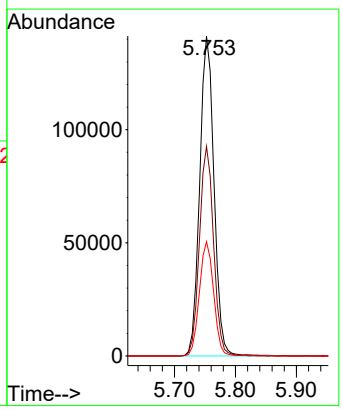


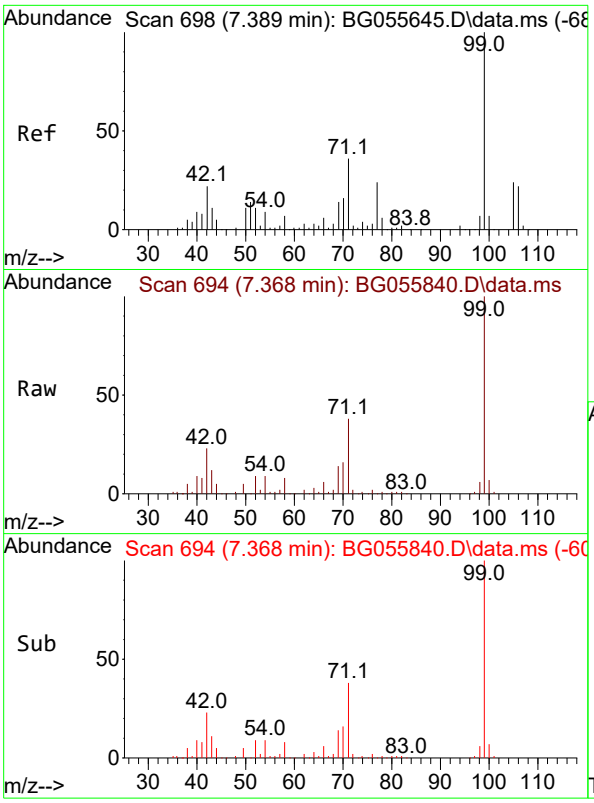


#5
2-Fluorophenol
Concen: 151.896 ng
RT: 5.753 min Scan# 419
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:112 Resp: 230250

Ion	Ratio	Lower	Upper
112	100		
64	65.5	50.6	76.0
63	35.7	27.5	41.3



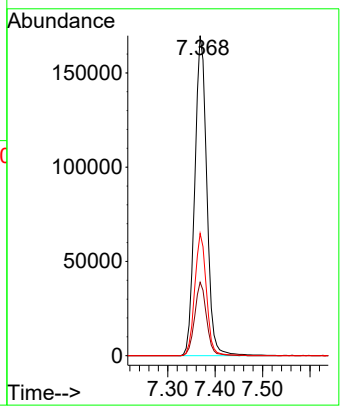


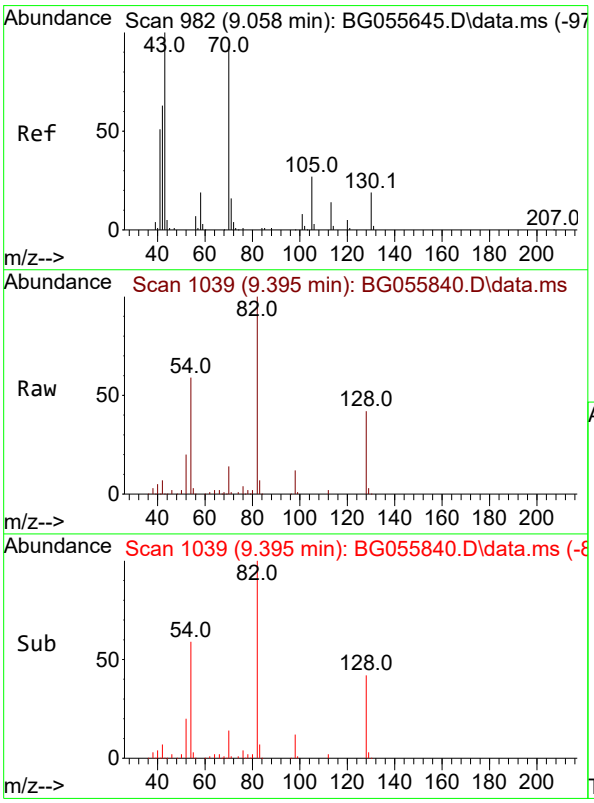
#7
Phenol-d6
Concen: 148.394 ng
RT: 7.368 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion: 99 Resp: 299433

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.0	27.0
71	38.2	29.0	43.6

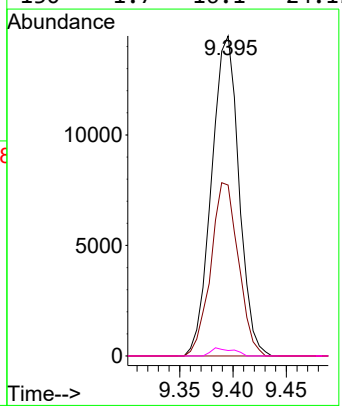


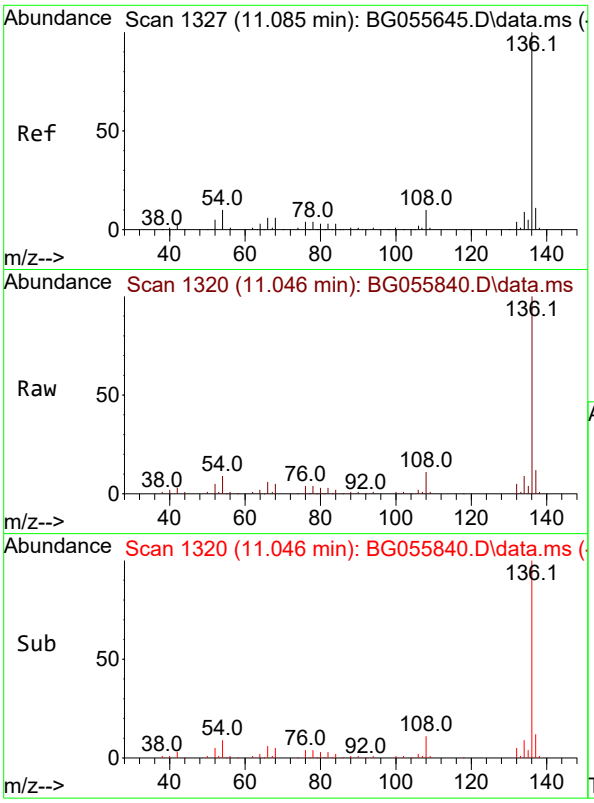


#19
n-Nitroso-di-n-propylamine
Concen: 16.667 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.371 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion: 70 Resp: 25840

Ion	Ratio	Lower	Upper
70	100		
42	53.4	55.2	82.8#
101	0.0	7.1	10.7#
130	1.7	16.1	24.1#



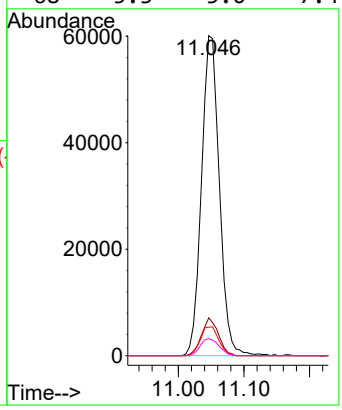


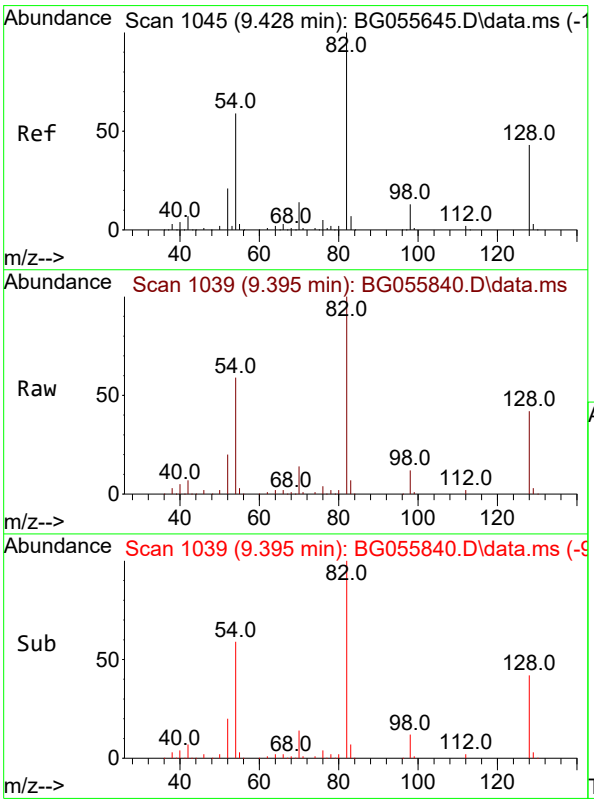
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:136 Resp: 113935

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	8.9	7.8	11.6
68	5.3	5.0	7.4

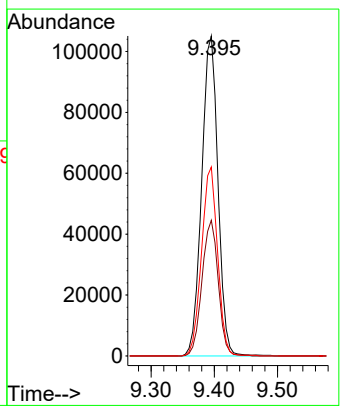


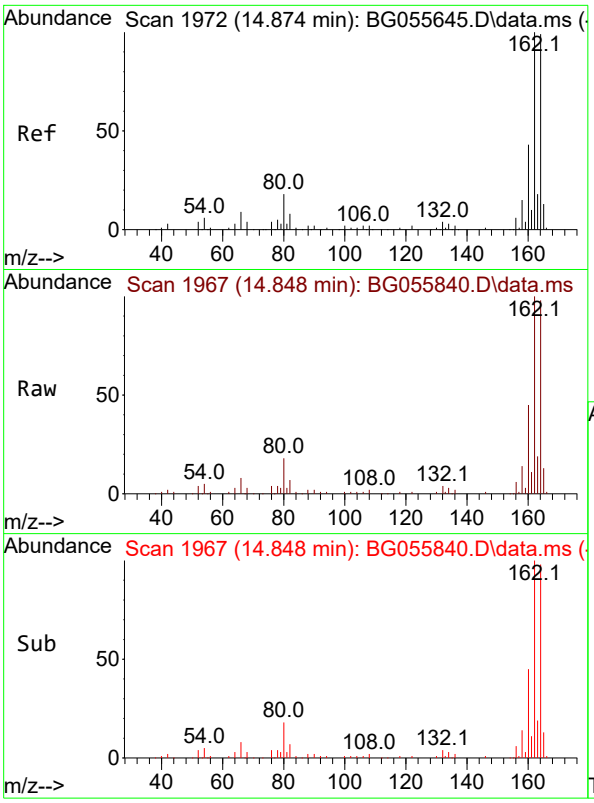


#23
Nitrobenzene-d5
Concen: 87.069 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion: 82 Resp: 187687

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.1	51.1
54	59.1	47.3	70.9



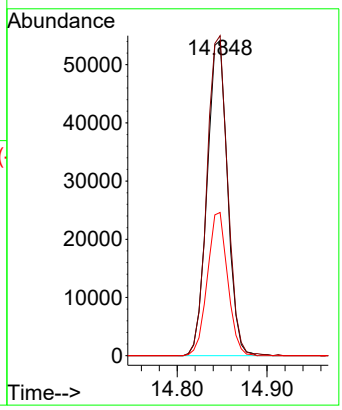


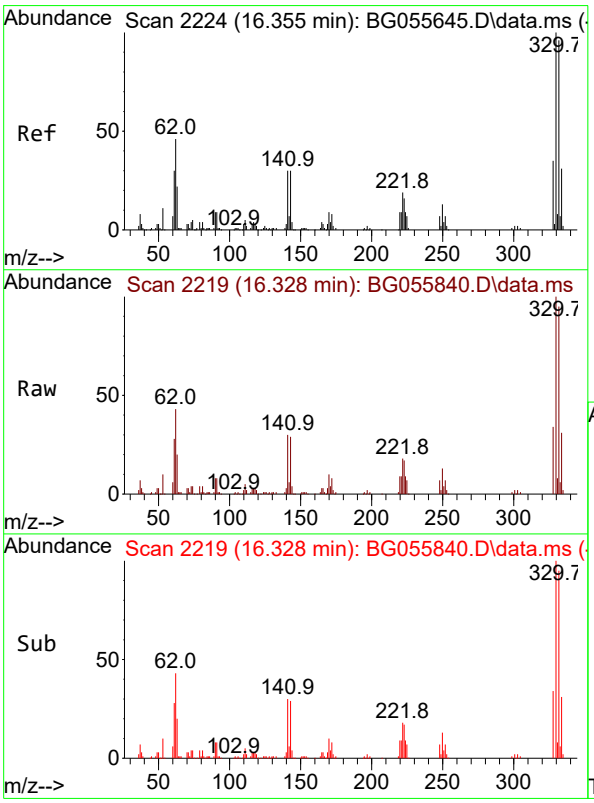
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.848 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:164 Resp: 85189

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.1	121.7
160	45.5	34.8	52.2

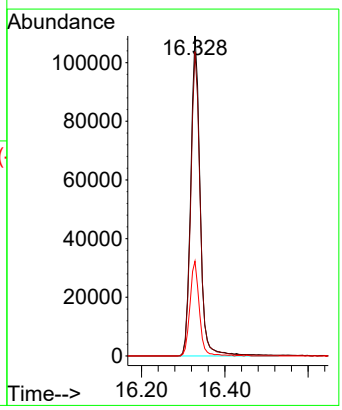


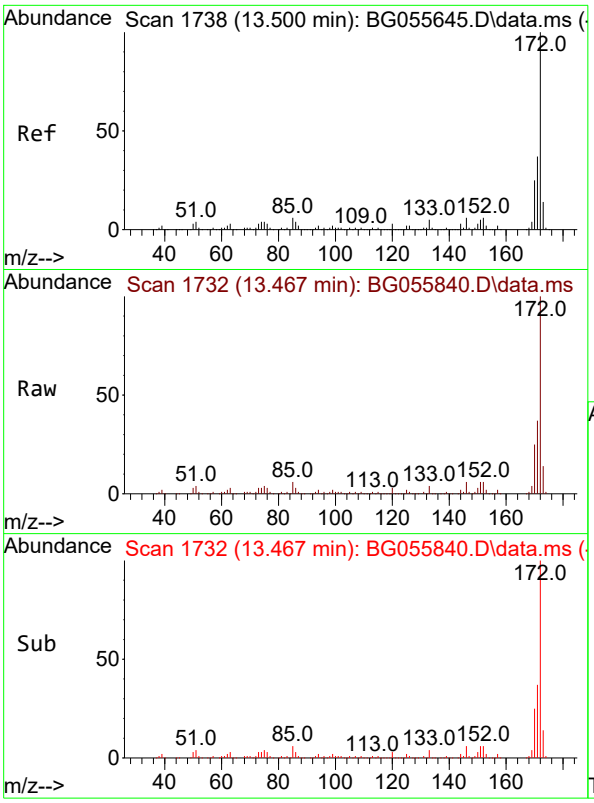


#42
2,4,6-Tribromophenol
Concen: 142.703 ng
RT: 16.328 min Scan# 2219
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:330 Resp: 171182

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.8	116.8
141	29.3	23.9	35.9



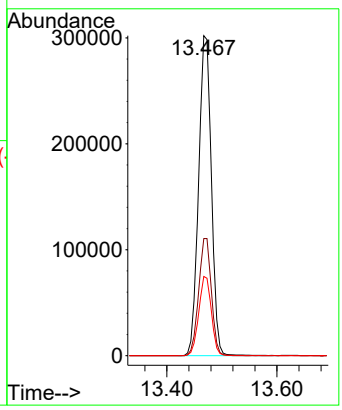


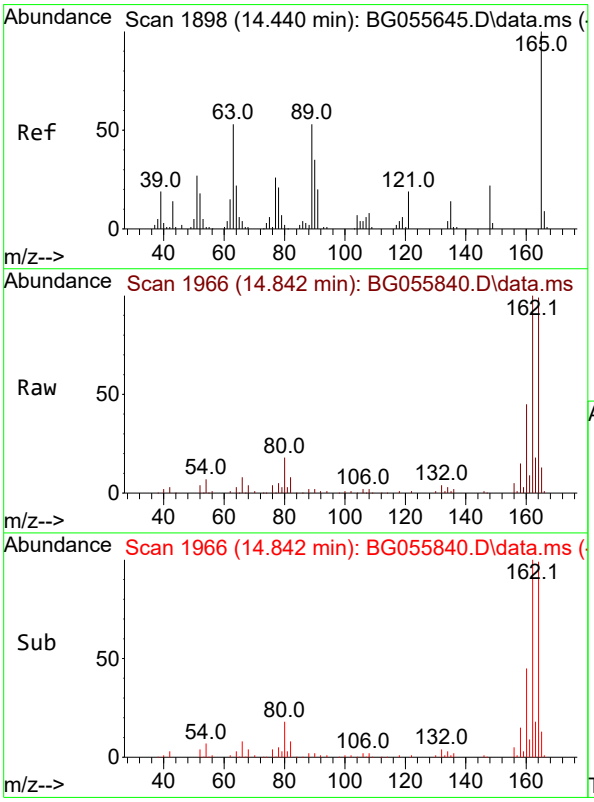
#45
2-Fluorobiphenyl
Concen: 85.752 ng
RT: 13.467 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:172 Resp: 487618

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.8	20.2	30.4

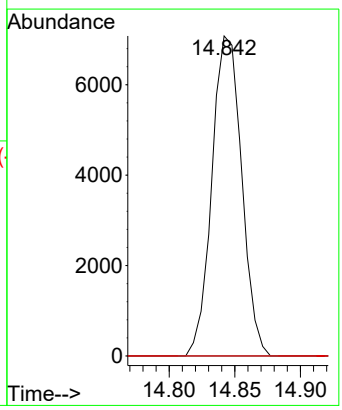


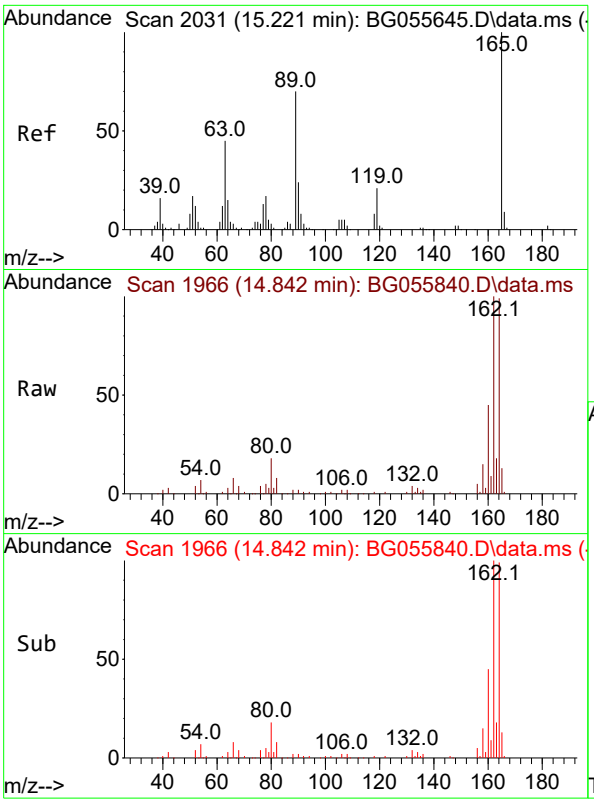


#51
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 14.842 min Scan# 1966
Delta R.T. 0.424 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:165 Resp: 11169

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



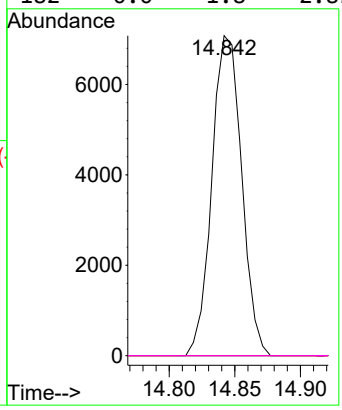


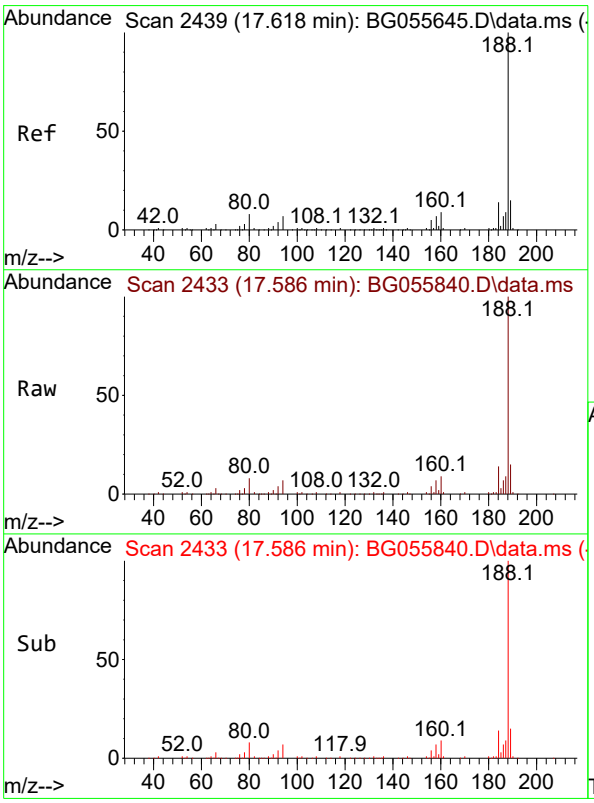
#57
2,4-Dinitrotoluene
Concen: 5.705 ng
RT: 14.842 min Scan# 1
Delta R.T. -0.357 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:165 Resp: 11169

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#

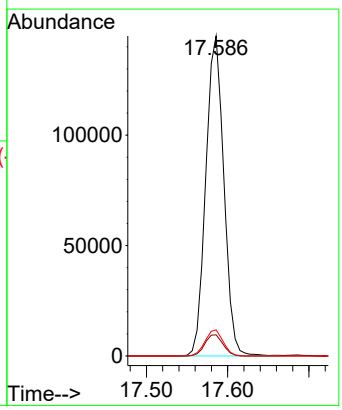


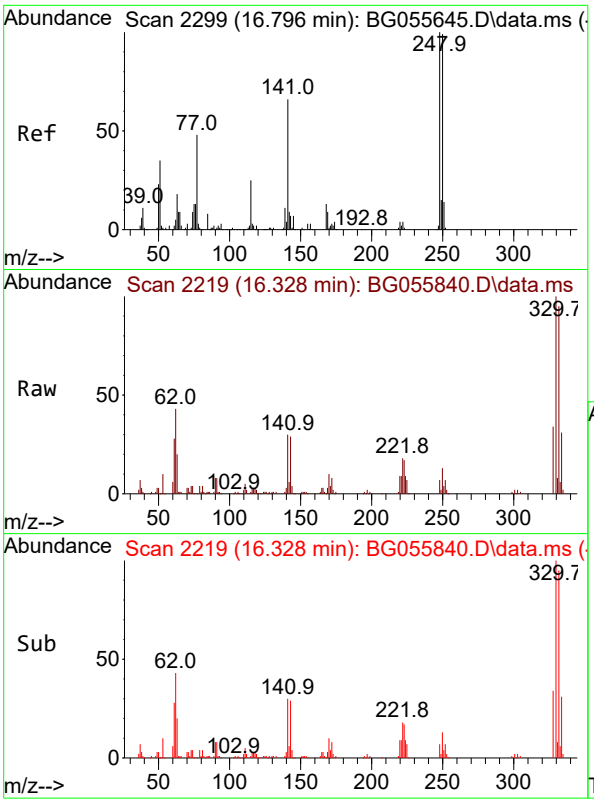


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.586 min Scan# 2433
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:188 Resp: 223465

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.4	8.2
80	8.1	6.6	10.0



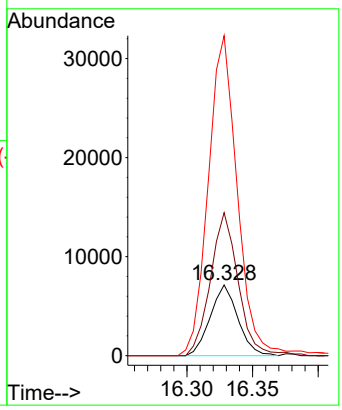


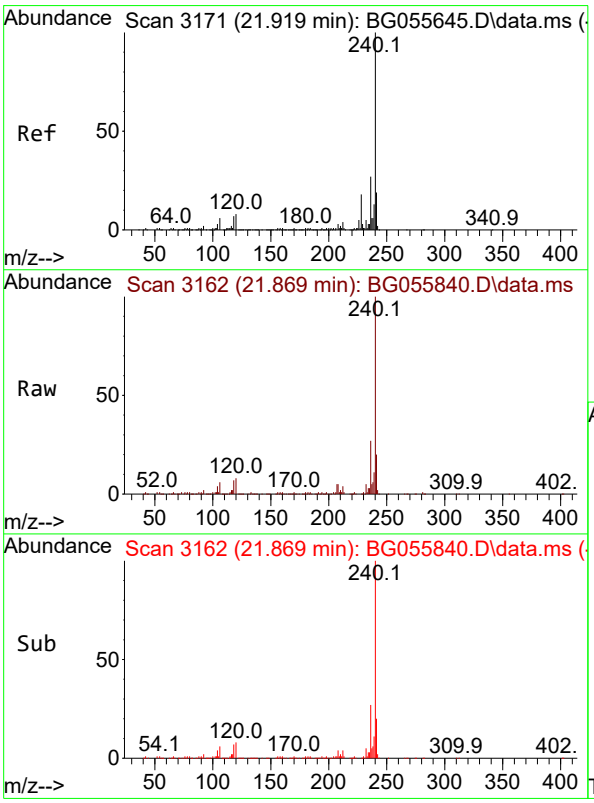
#67
4-Bromophenyl-phenylether
Concen: 4.111 ng
RT: 16.328 min Scan# 2
Delta R.T. -0.434 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:248 Resp: 10467

Ion	Ratio	Lower	Upper
248	100		
250	154.6	79.0	118.4#
141	345.7	52.9	79.3#

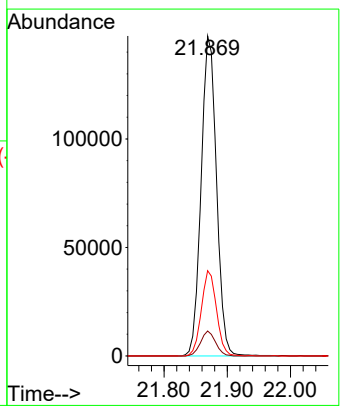


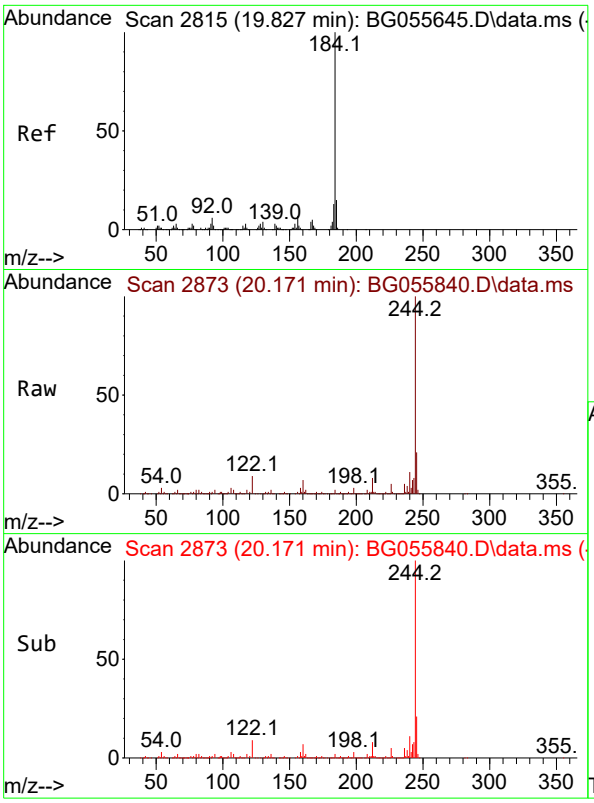


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.869 min Scan# 3162
Delta R.T. -0.011 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:240 Resp: 248834

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.3	9.5
236	26.6	21.9	32.9



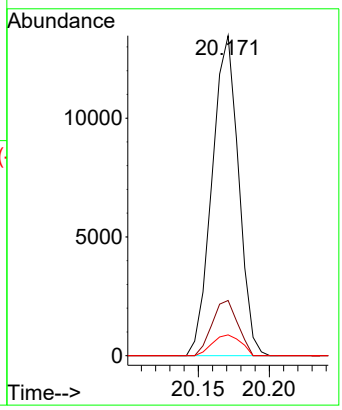


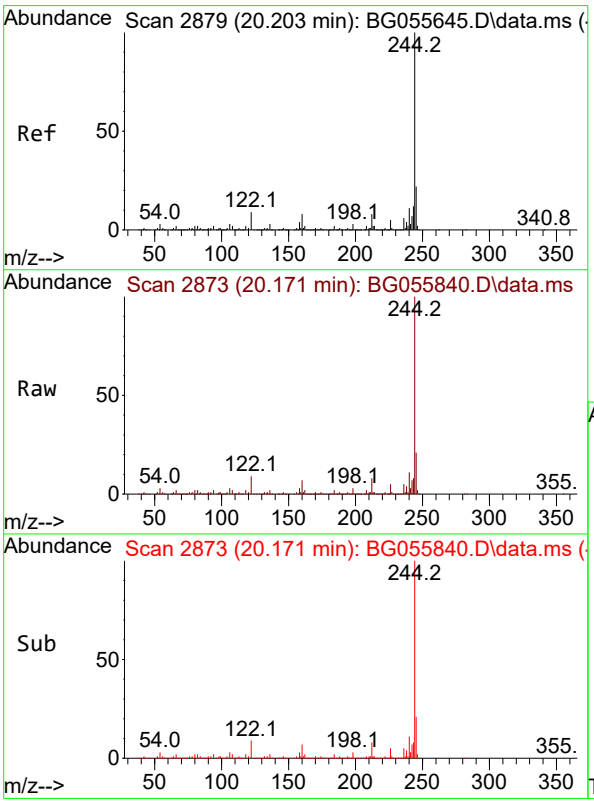
#77
Benzidine
Concen: 3.031 ng
RT: 20.171 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:184 Resp: 17451

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.8	17.8
183	6.5	10.6	15.8#

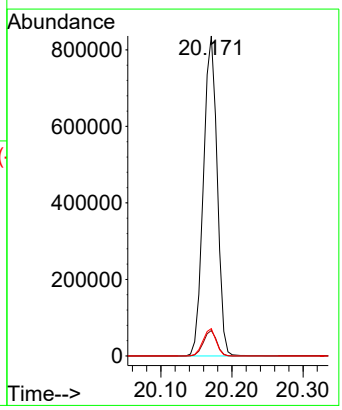


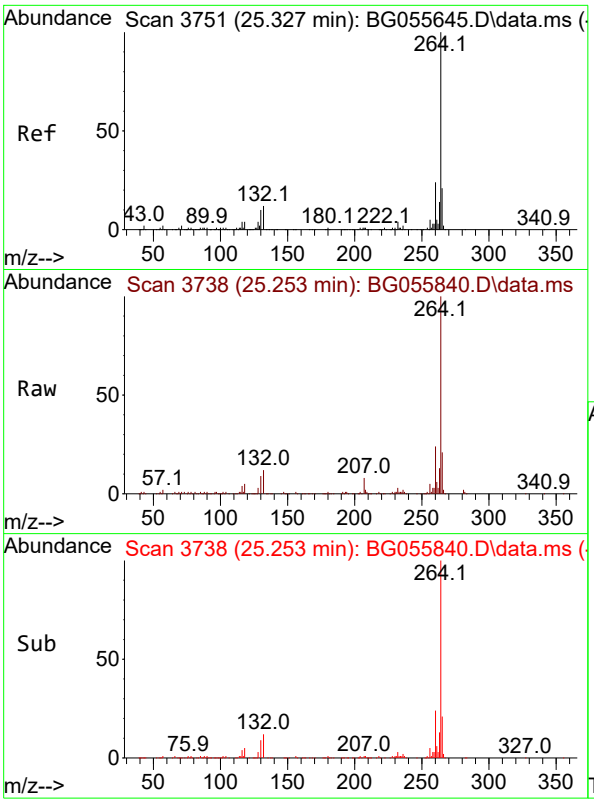


#79
Terphenyl-d14
Concen: 90.661 ng
RT: 20.171 min Scan# 2873
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:244 Resp: 1127907

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	8.5	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.253 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:264 Resp: 259839

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.1	25.7