Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
Data File : BG055378.D
Acq On : 31 Oct 2022 13:33
Operator : CG/JU
Sample : PB148568BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Quant Time: Nov 01 06:48:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	24113	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	100296	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	73615	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	182792	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	196849	20.000	ng	0.00
86) Perylene-d12	25.274	264	212570	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	189252	137.426	ng	0.00
7) Phenol-d6	7.401	99	247453	124.029	ng	-0.01
23) Nitrobenzene-d5	9.434	82	144271	73.452	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	127713	159.590	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	374379	83.239	ng	-0.01
79) Terphenyl-d14	20.180	244	797269	84.150	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	18900	11.408	ng	# 77
51) 2,6-Dinitrotoluene	14.875	165	9248	7.863	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	9248	5.418	ng	# 18
67) 4-Bromophenyl-phenylether	16.349	248	7737	4.357	ng	# 1
77) Benzidine	20.180	184	11433	2.399	ng	# 89

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

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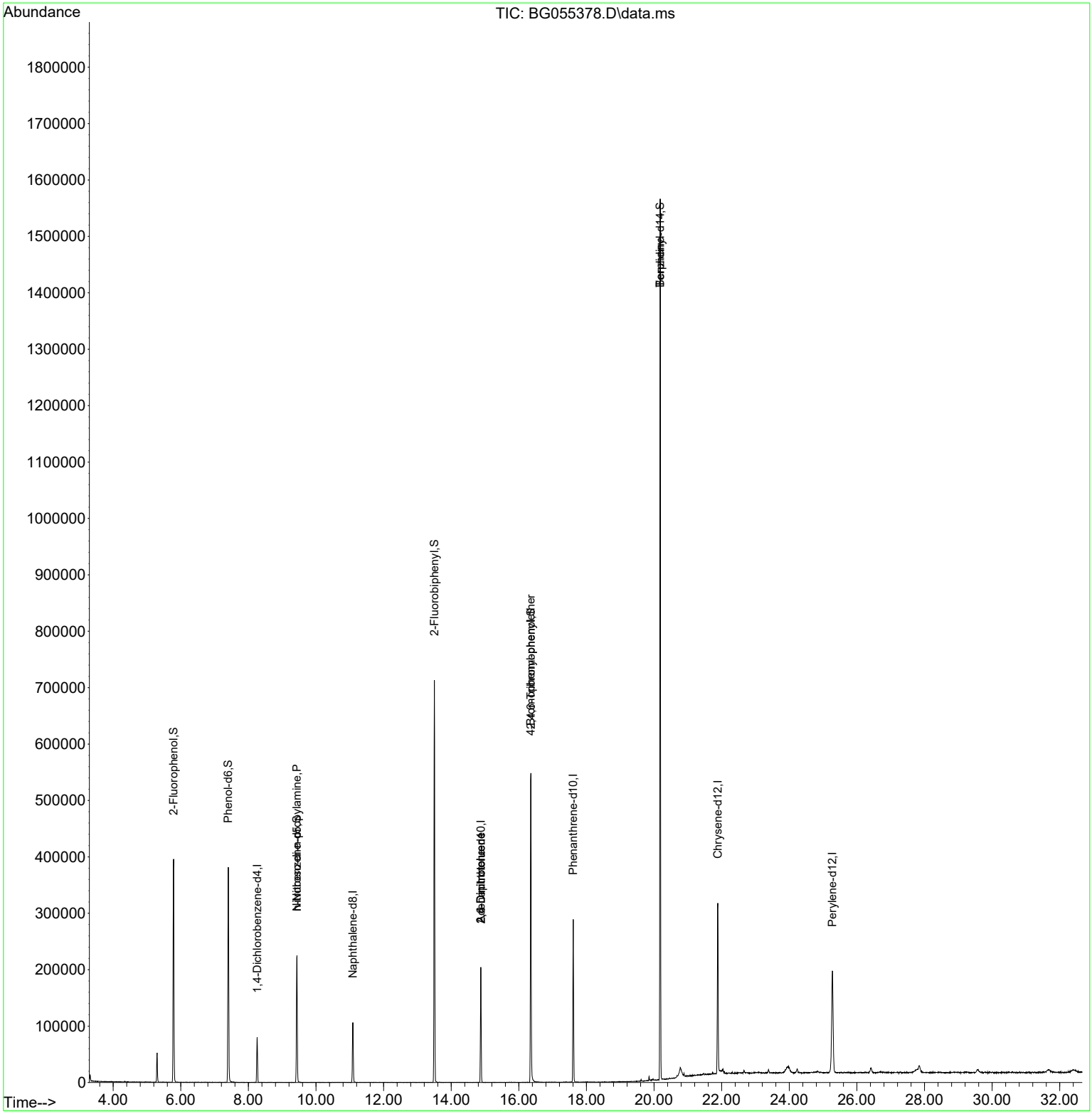
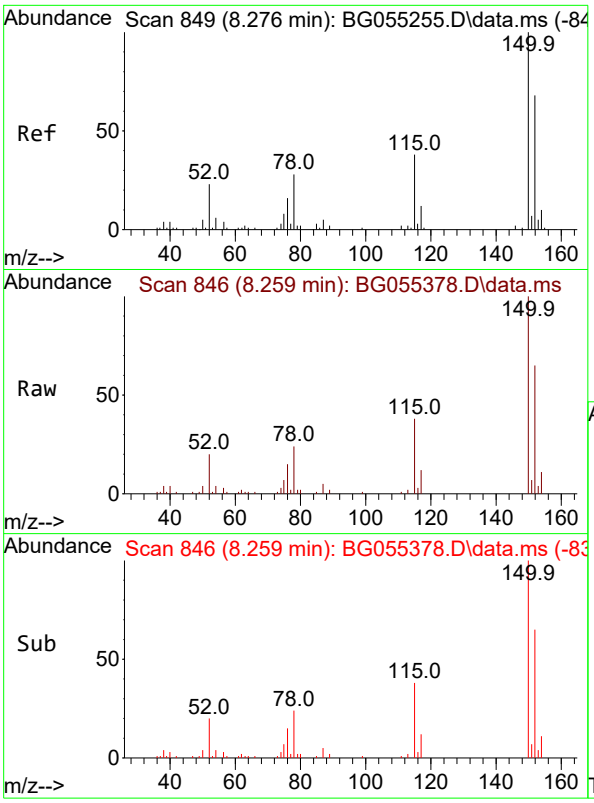


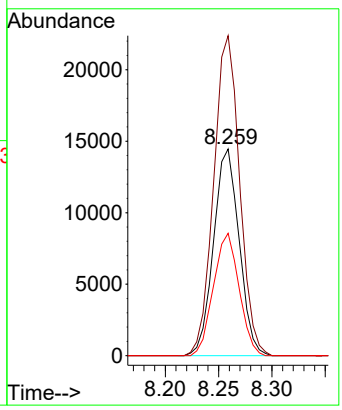


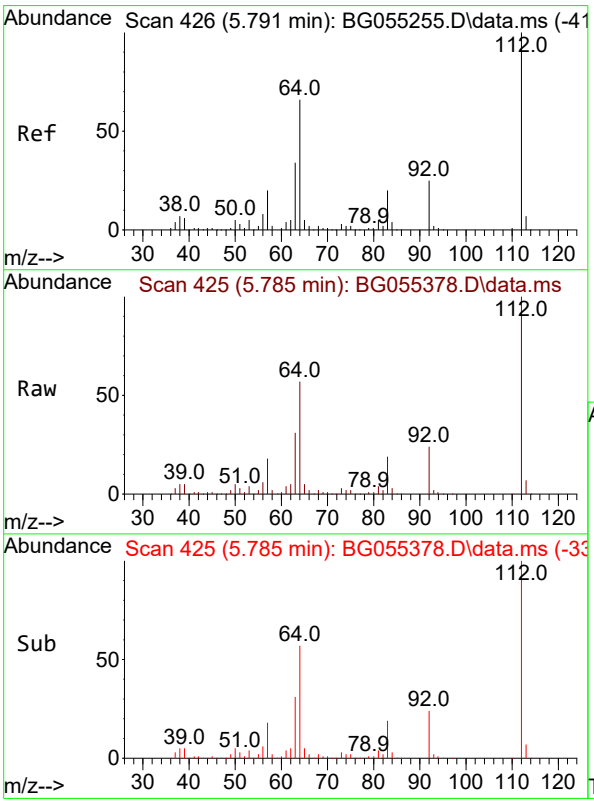
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:152 Resp: 24113

Ion	Ratio	Lower	Upper
152	100		
150	154.8	118.2	177.4
115	59.2	44.5	66.7

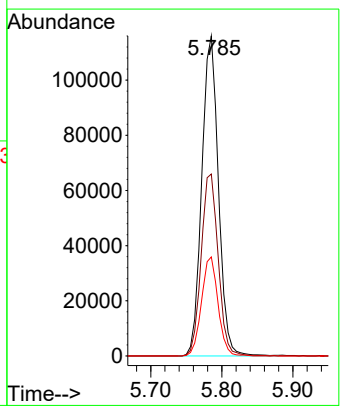


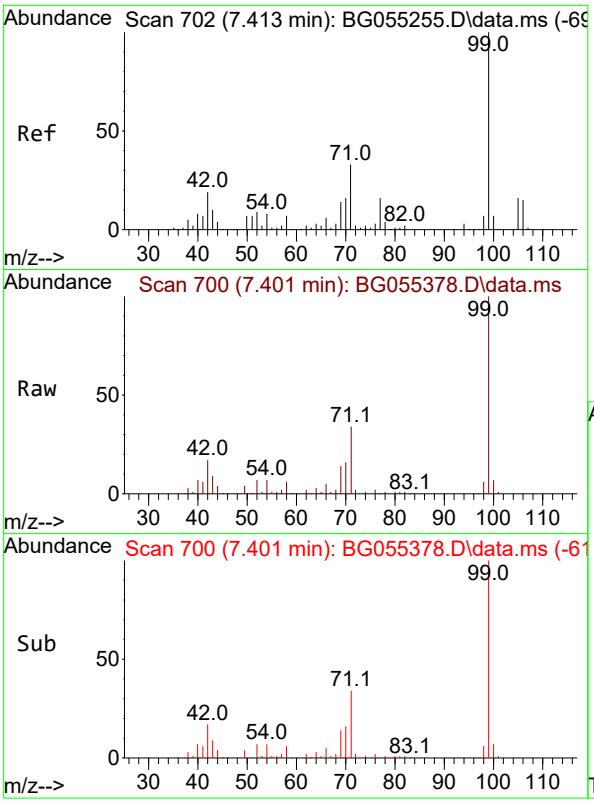


#5
2-Fluorophenol
Concen: 137.426 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:112 Resp: 189252

Ion	Ratio	Lower	Upper
112	100		
64	56.8	52.6	78.8
63	31.0	27.1	40.7



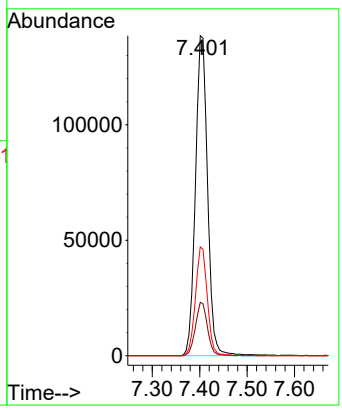


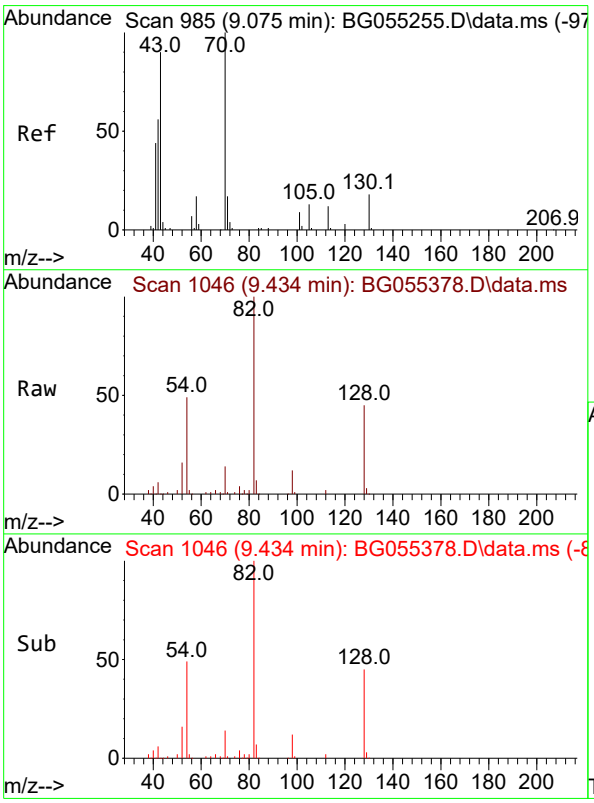
#7
Phenol-d6
Concen: 124.029 ng
RT: 7.401 min Scan# 7(
Delta R.T. -0.012 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion: 99 Resp: 247453

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.2	22.8
71	34.0	26.2	39.4

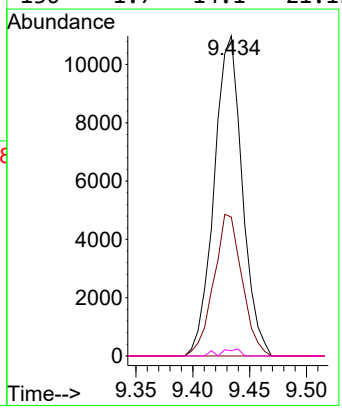


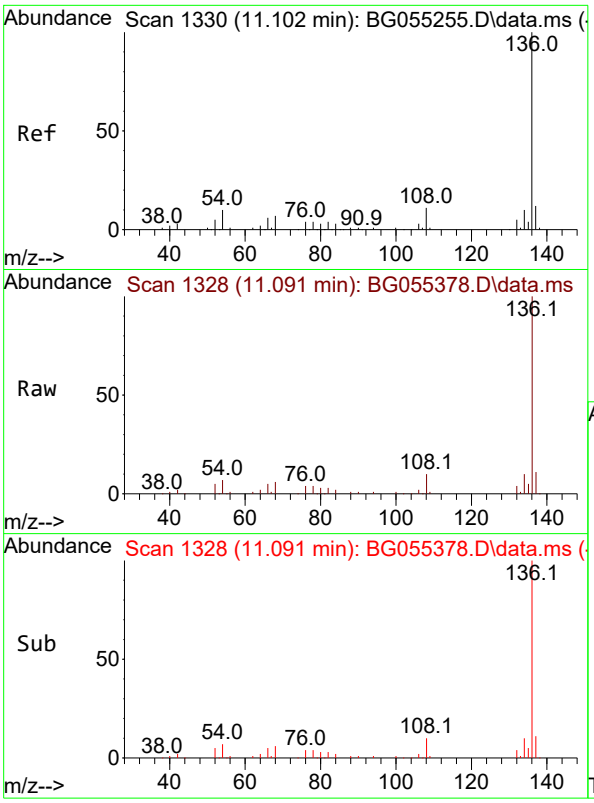


#19
n-Nitroso-di-n-propylamine
Concen: 11.408 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion: 70 Resp: 18900

Ion	Ratio	Lower	Upper
70	100		
42	43.4	45.8	68.6#
101	0.0	7.4	11.0#
130	1.7	14.1	21.1#



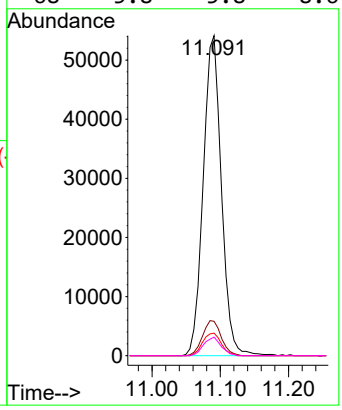


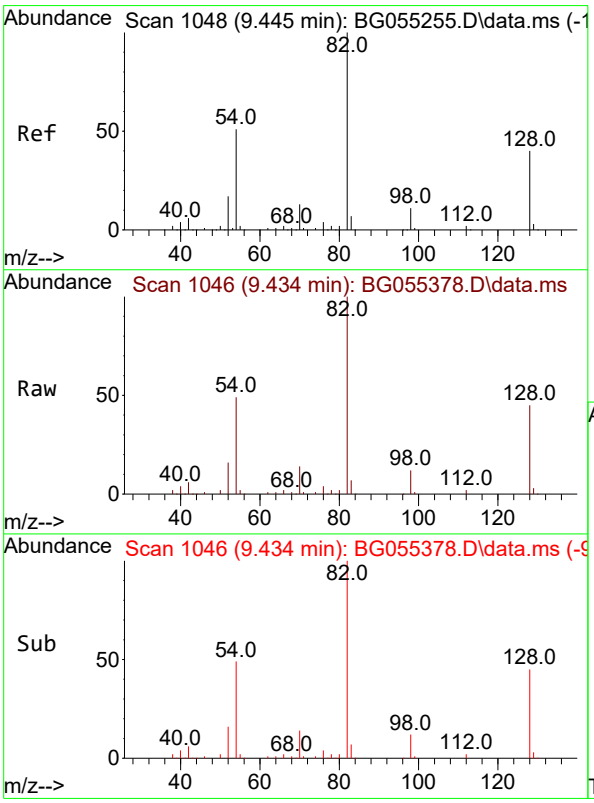
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:136 Resp: 100296

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.1	7.8	11.8#
68	5.8	5.8	8.6

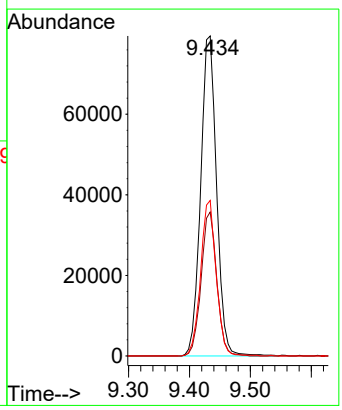


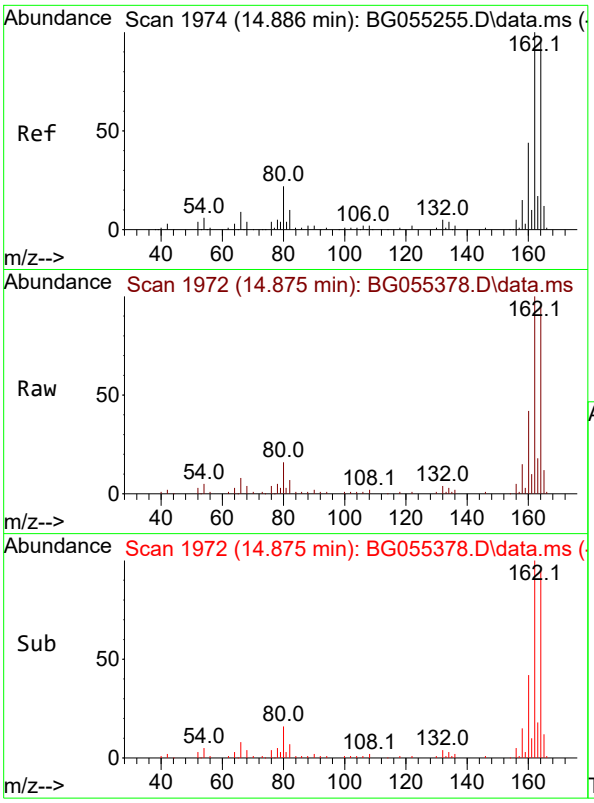


#23
Nitrobenzene-d5
Concen: 73.452 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion: 82 Resp: 144271

Ion	Ratio	Lower	Upper
82	100		
128	45.0	32.0	48.0
54	48.6	40.9	61.3



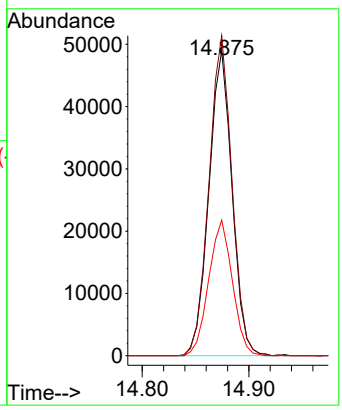


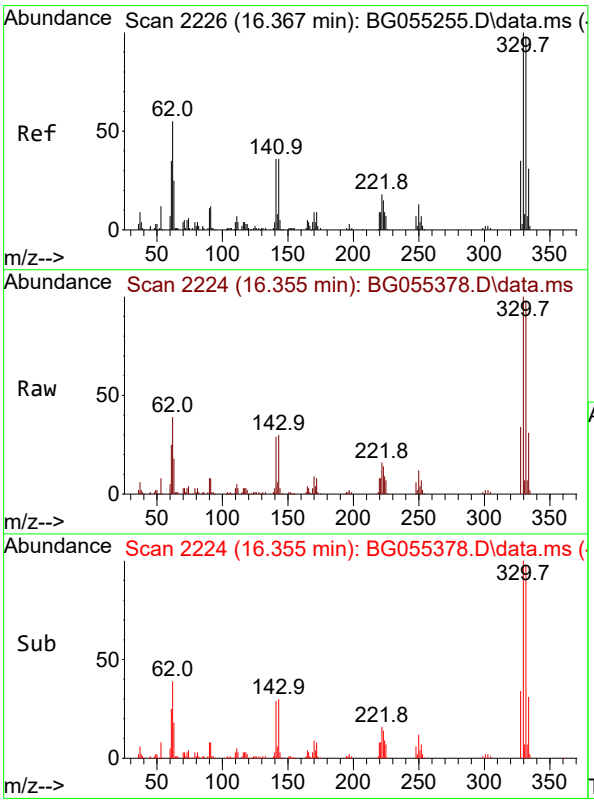
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:164 Resp: 73615

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.0	126.0
160	44.4	36.7	55.1

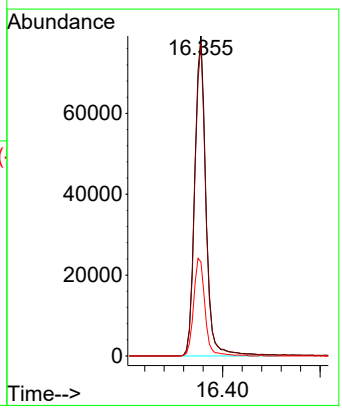


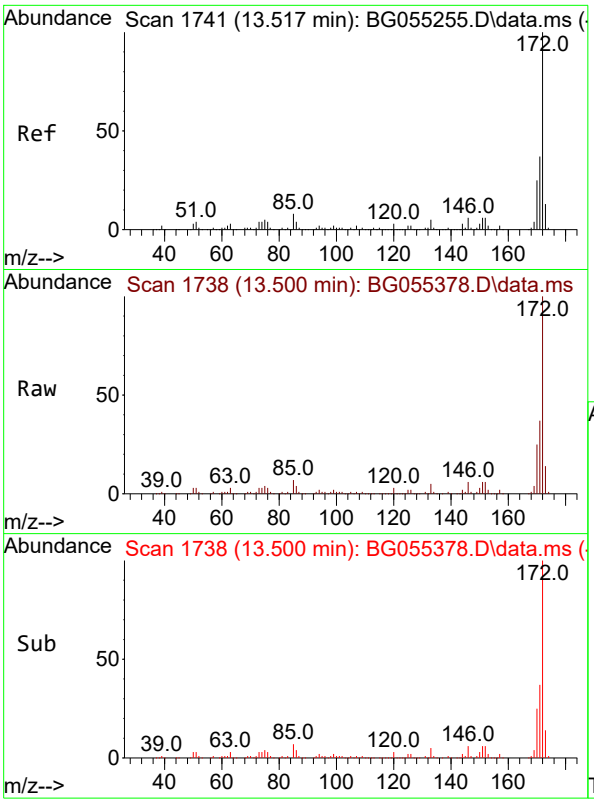


#42
2,4,6-Tribromophenol
Concen: 159.590 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:330 Resp: 127713

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	30.4	29.8	44.8



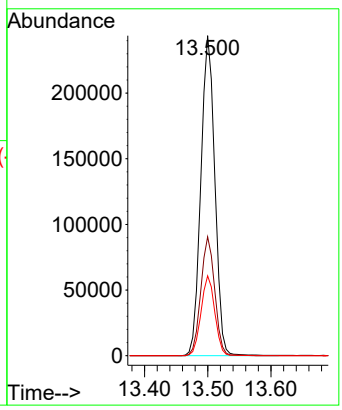


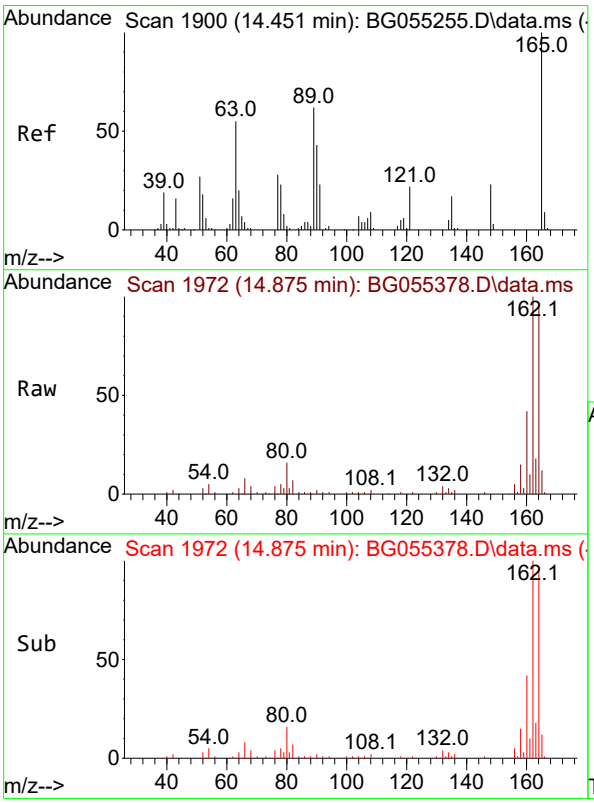
#45
2-Fluorobiphenyl
Concen: 83.239 ng
RT: 13.500 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:172 Resp: 374379

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	20.2	30.2

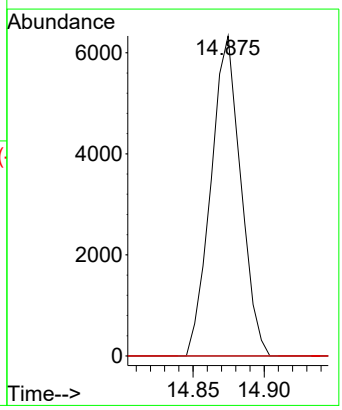


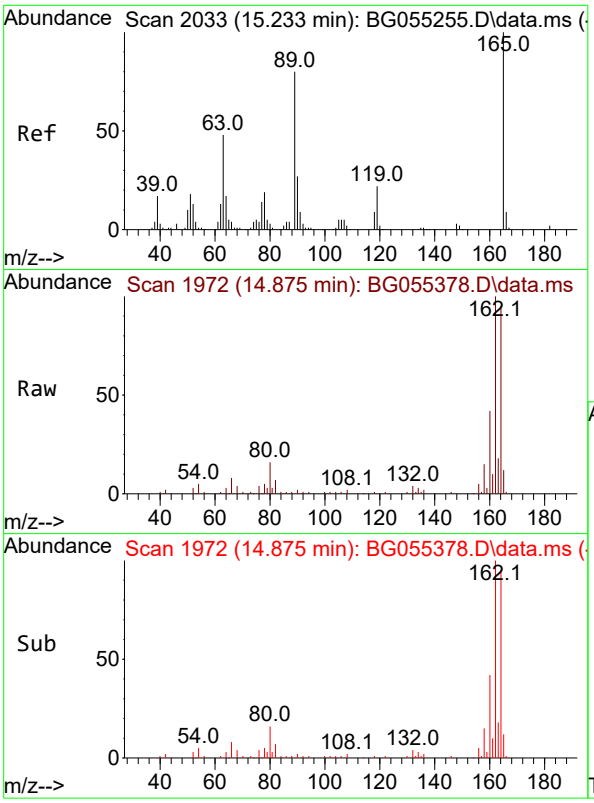


#51
2,6-Dinitrotoluene
Concen: 7.863 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:165 Resp: 9248

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.2	73.8#
89	0.0	49.9	74.9#



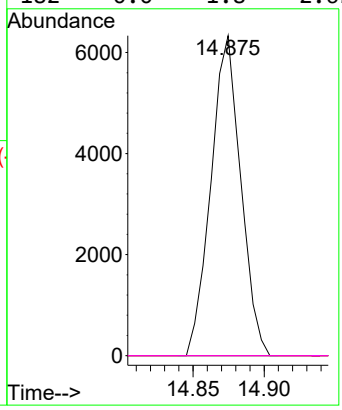


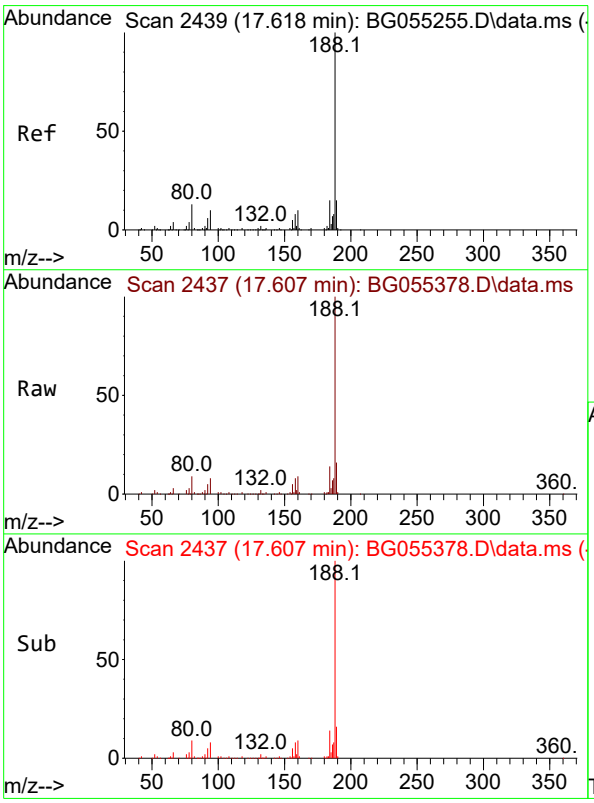
#57
2,4-Dinitrotoluene
Concen: 5.418 ng
RT: 14.875 min Scan# 1
Delta R.T. -0.359 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:165 Resp: 9248

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.9	58.3#
89	0.0	64.2	96.4#
182	0.0	1.8	2.6#

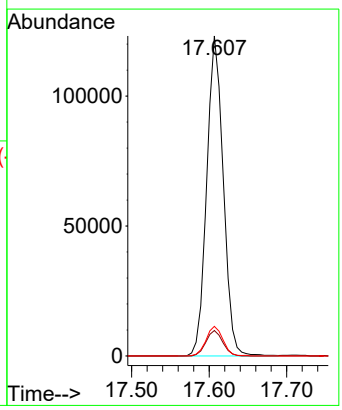


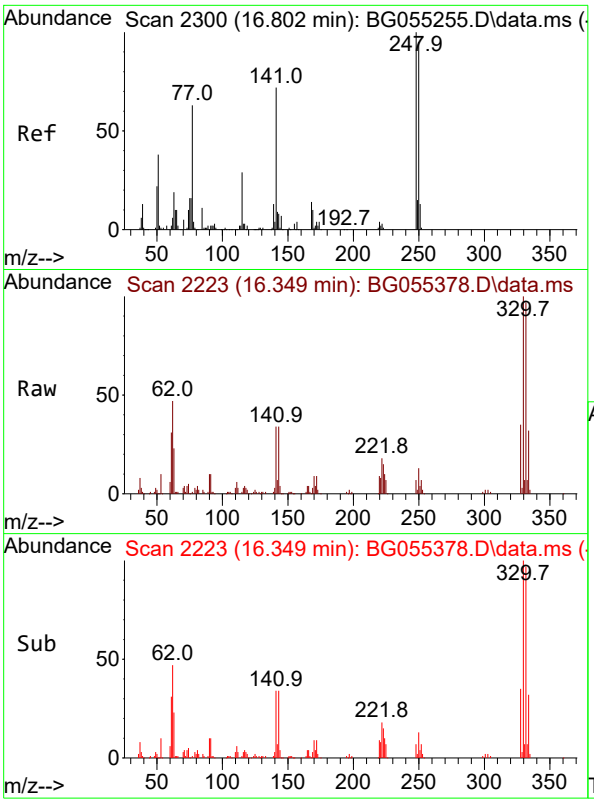


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:188 Resp: 182792

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.4#
80	9.2	10.1	15.1#



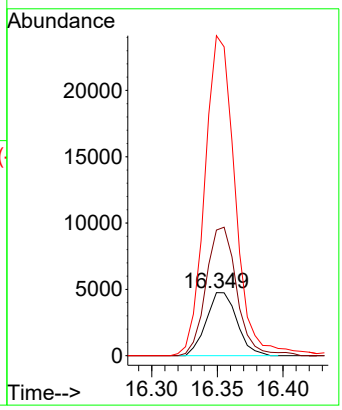


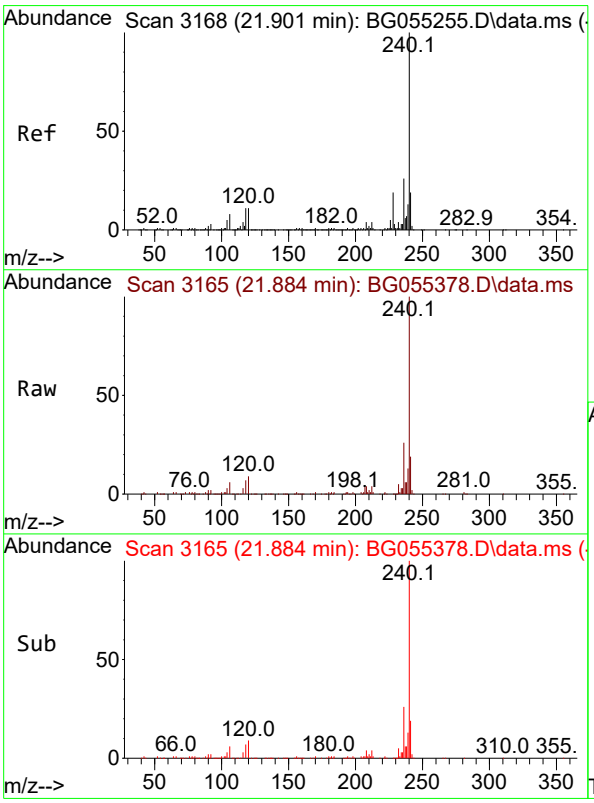
#67
4-Bromophenyl-phenylether
Concen: 4.357 ng
RT: 16.349 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:248 Resp: 7737

Ion	Ratio	Lower	Upper
248	100		
250	199.4	76.0	114.0#
141	507.7	58.0	87.0#

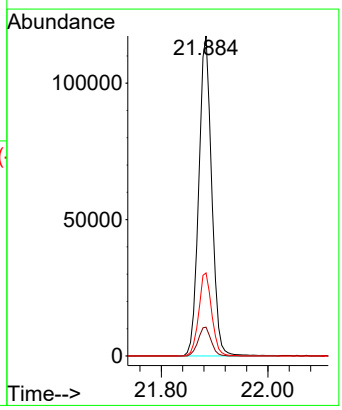


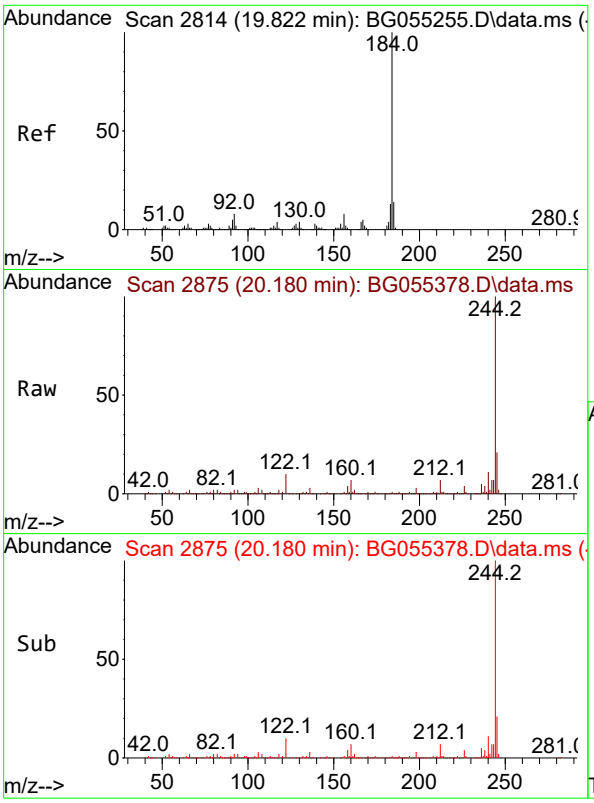


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:240 Resp: 196849

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.9	13.3
236	26.0	21.0	31.4



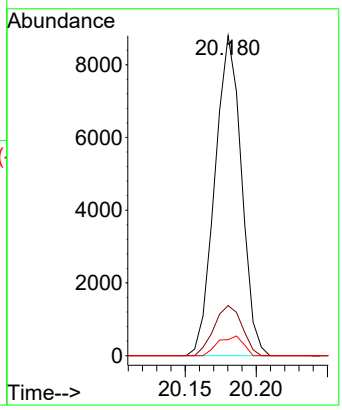


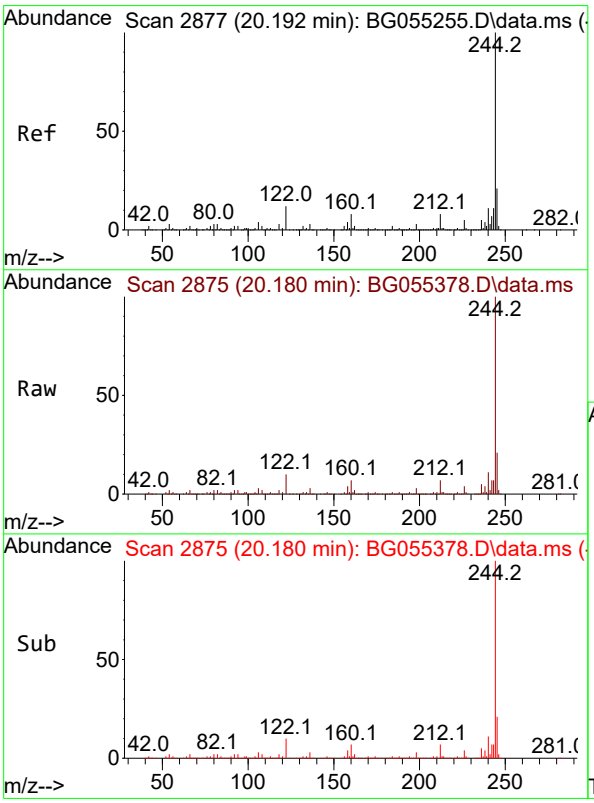
#77
Benzidine
Concen: 2.399 ng
RT: 20.180 min Scan# 2
Delta R.T. 0.364 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:184 Resp: 11433

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.0	16.6
183	5.0	10.0	15.0#

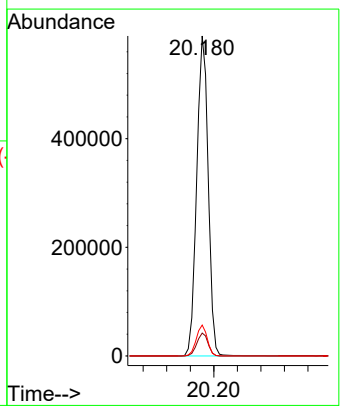


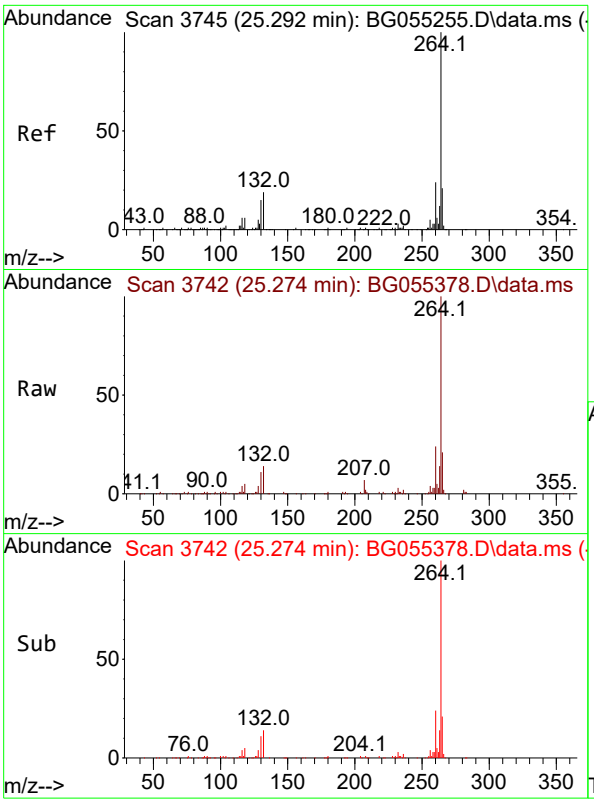


#79
Terphenyl-d14
Concen: 84.150 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:244 Resp: 797269

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.6	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.274 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Instrument :
BNA_G
ClientSampleId :
PB148568BL

Tgt Ion:264 Resp: 212570

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.0	17.4	26.2