Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055340.D
Acq On : 28 Oct 2022 13:50
Operator : CG/JU
Sample : PB148557BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Quant Time: Oct 29 04:30:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	28373	20.000	ng	-0.01
21) Naphthalene-d8	11.096	136	116154	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	78159	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	194182	20.000	ng	0.00
76) Chrysene-d12	21.889	240	208140	20.000	ng	-0.01
86) Perylene-d12	25.285	264	220537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	215853	133.209	ng	0.00
7) Phenol-d6	7.412	99	281316	119.831	ng	0.00
23) Nitrobenzene-d5	9.439	82	173678	76.352	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	129508	152.424	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	408036	85.448	ng	-0.01
79) Terphenyl-d14	20.185	244	863521	86.198	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	22851	11.722	ng	# 78
51) 2,6-Dinitrotoluene	14.880	165	10199	8.168	ng	# 19
57) 2,4-Dinitrotoluene	14.880	165	10199	5.628	ng	# 18
67) 4-Bromophenyl-phenylether	16.360	248	8085	4.286	ng	# 1
77) Benzidine	20.185	184	12713	2.523	ng	# 91

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

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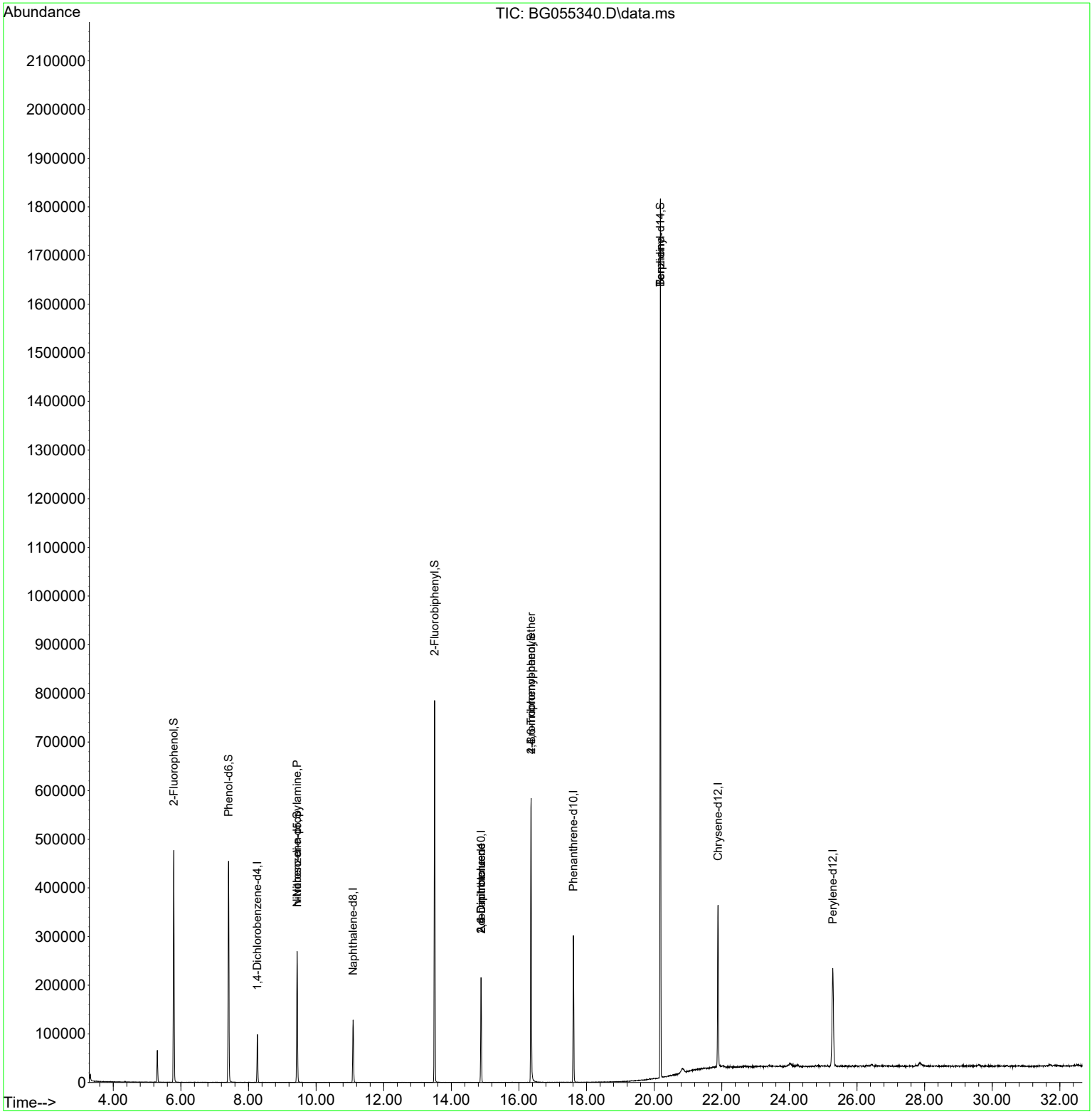
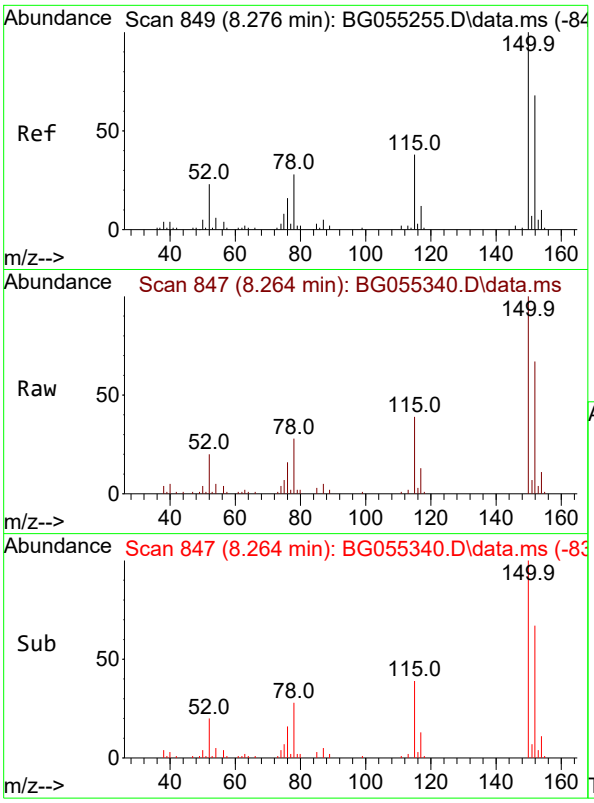


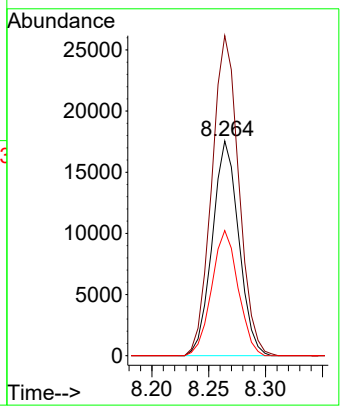


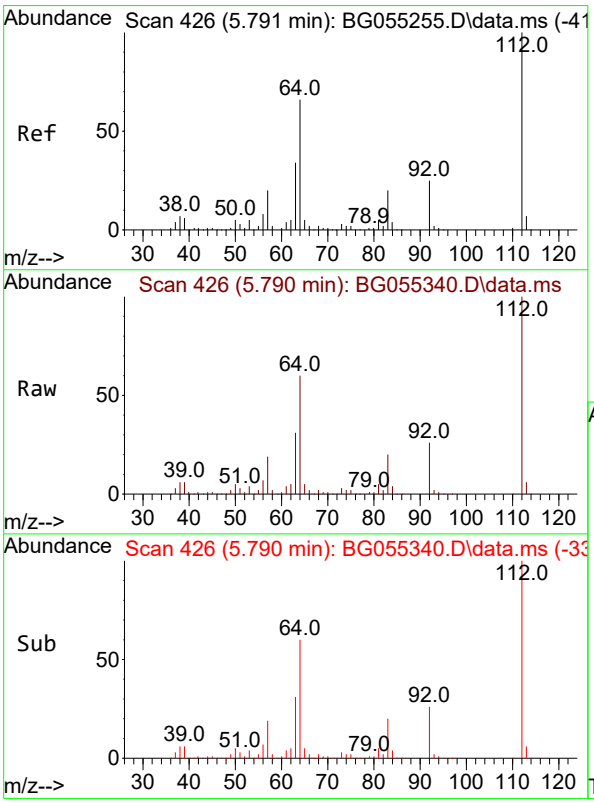
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:152 Resp: 28373

Ion	Ratio	Lower	Upper
152	100		
150	149.0	118.2	177.4
115	58.3	44.5	66.7

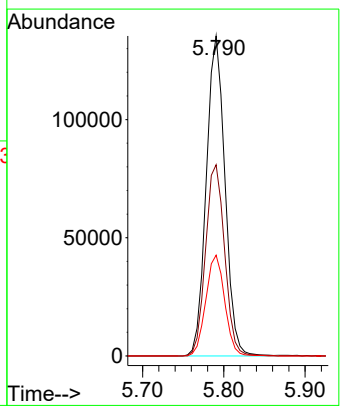


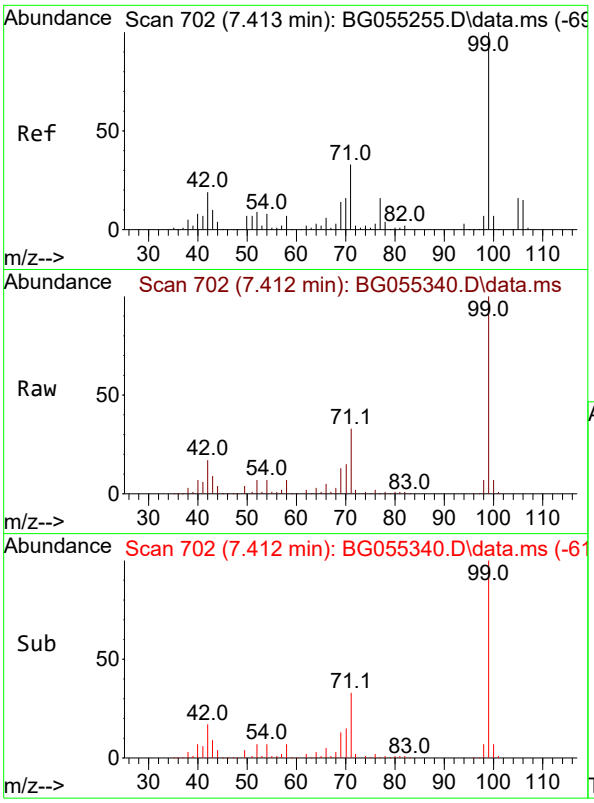


#5
2-Fluorophenol
Concen: 133.209 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.000 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:112 Resp: 215853

Ion	Ratio	Lower	Upper
112	100		
64	59.8	52.6	78.8
63	31.5	27.1	40.7



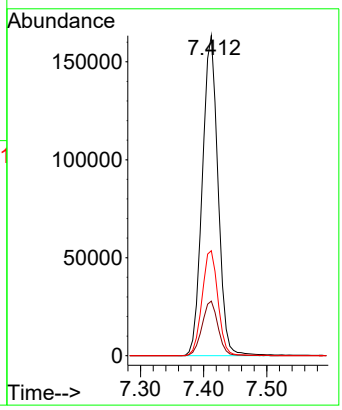


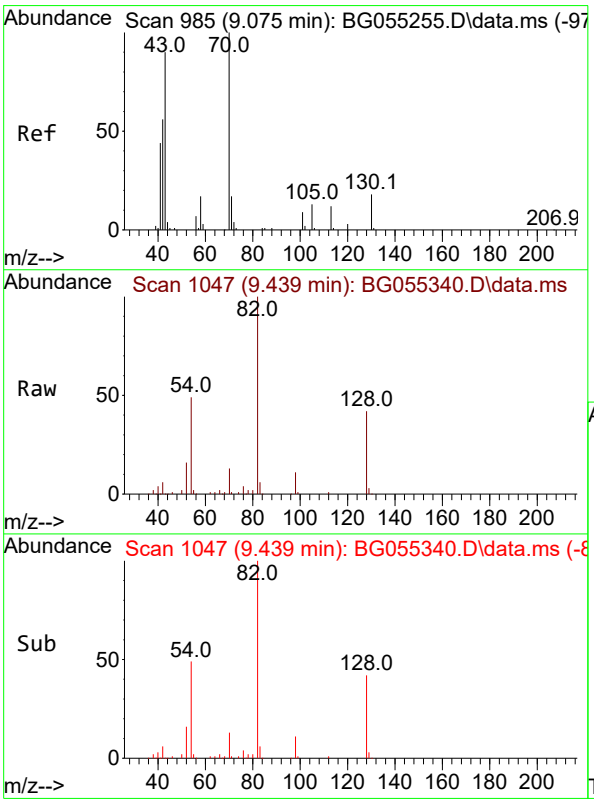
#7
Phenol-d6
Concen: 119.831 ng
RT: 7.412 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion: 99 Resp: 281316

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.2	22.8
71	32.8	26.2	39.4

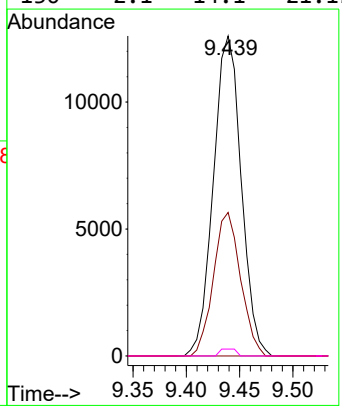


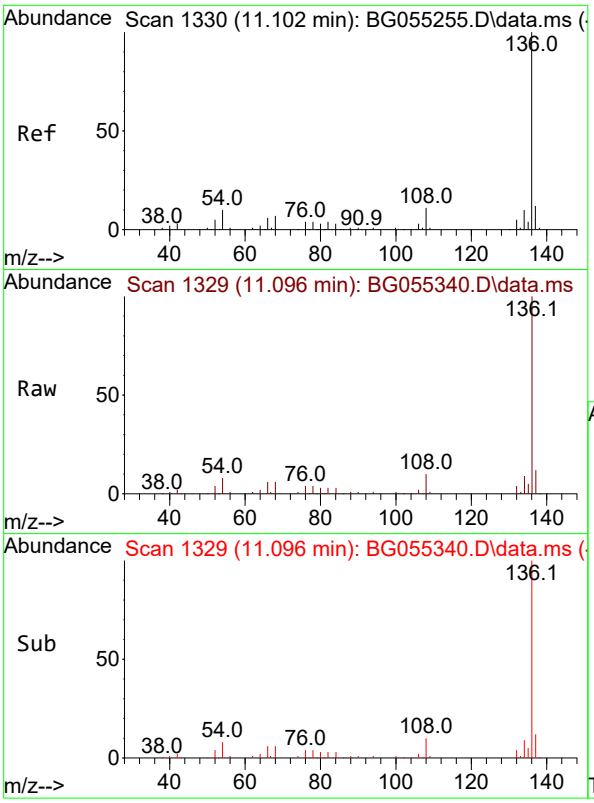


#19
n-Nitroso-di-n-propylamine
Concen: 11.722 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion: 70 Resp: 22851

Ion	Ratio	Lower	Upper
70	100		
42	44.9	45.8	68.6#
101	0.0	7.4	11.0#
130	2.1	14.1	21.1#



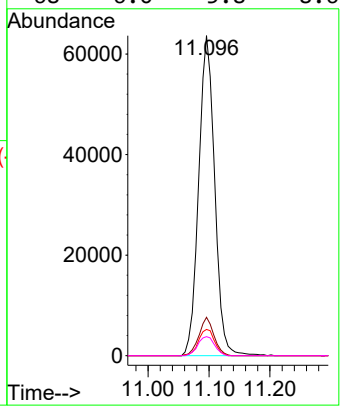


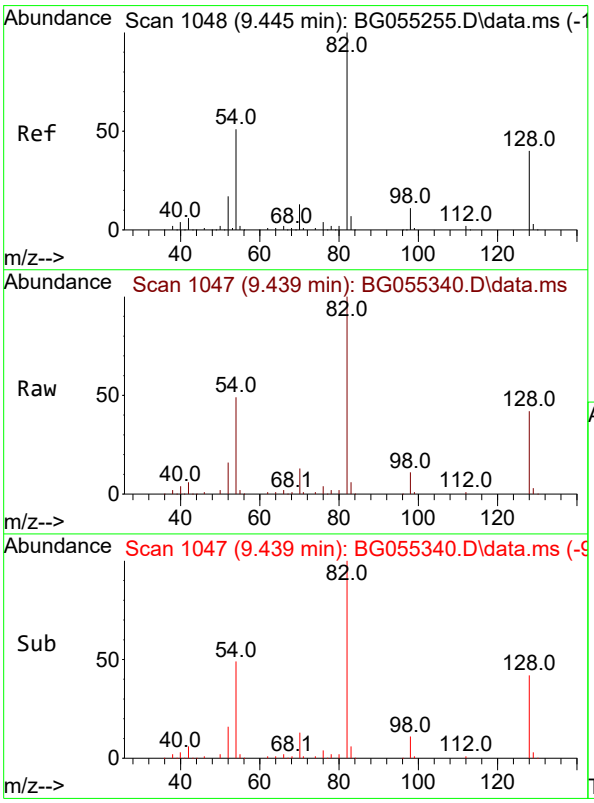
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:136 Resp: 116154

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	8.2	7.8	11.8
68	6.0	5.8	8.6

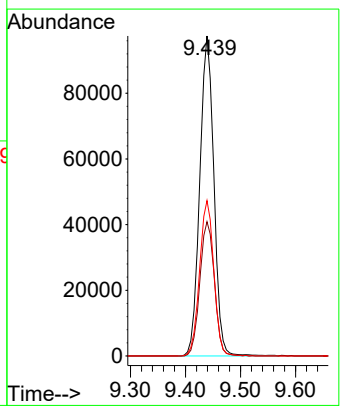


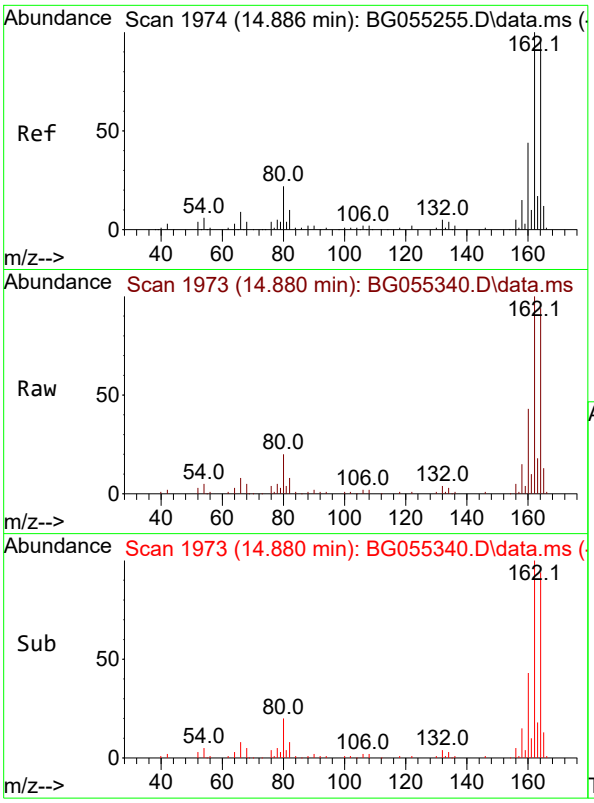


#23
Nitrobenzene-d5
Concen: 76.352 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion: 82 Resp: 173678

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.0	48.0
54	48.6	40.9	61.3



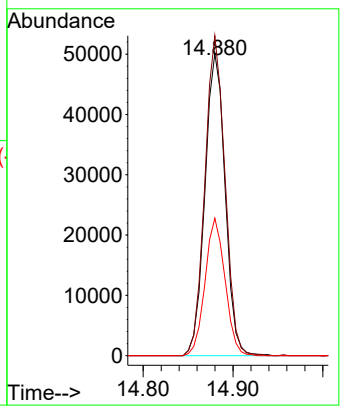


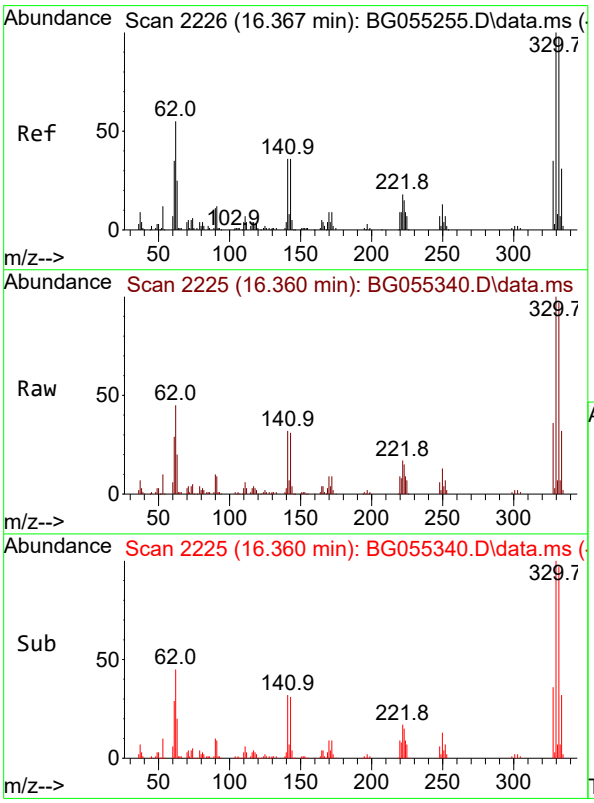
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:164 Resp: 78159

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.0	126.0
160	45.5	36.7	55.1

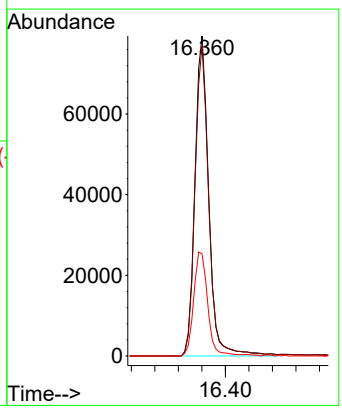


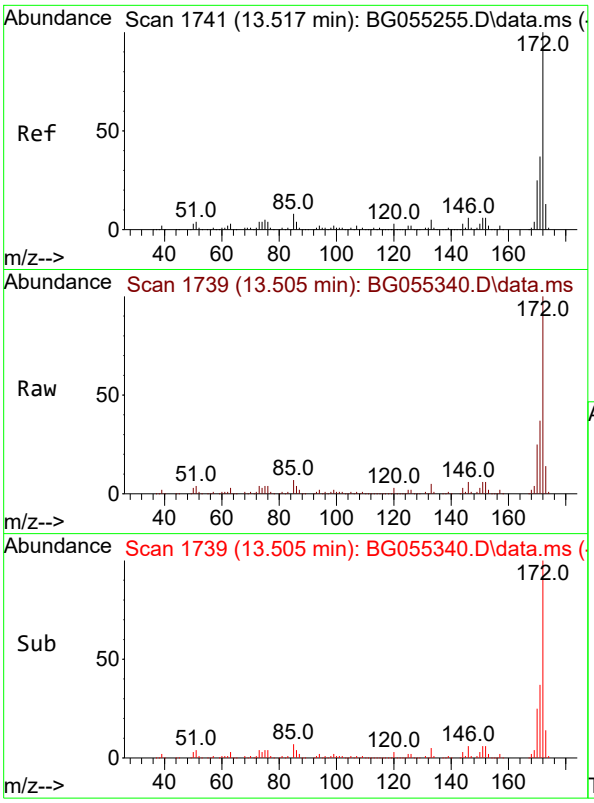


#42
2,4,6-Tribromophenol
Concen: 152.424 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:330 Resp: 129508

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	33.1	29.8	44.8



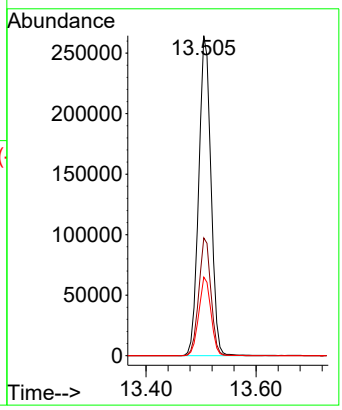


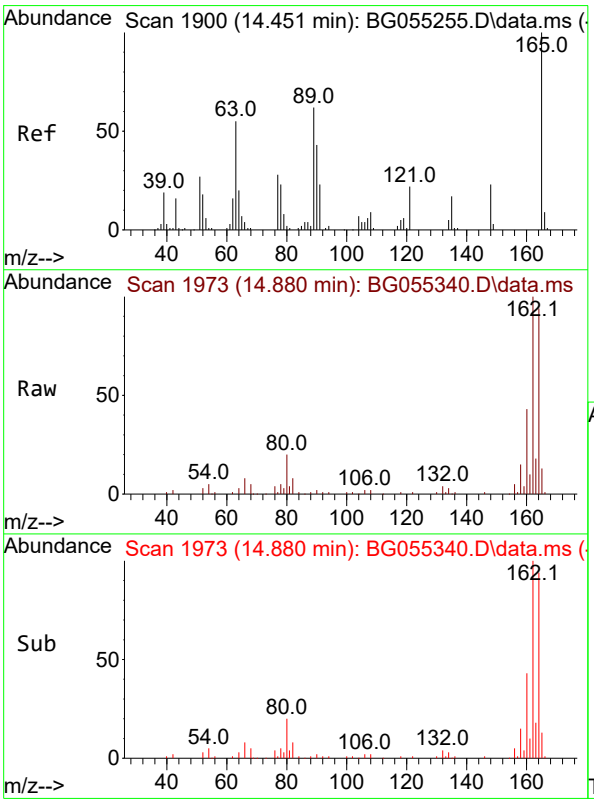
#45
2-Fluorobiphenyl
Concen: 85.448 ng
RT: 13.505 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:172 Resp: 408036

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	20.2	30.2

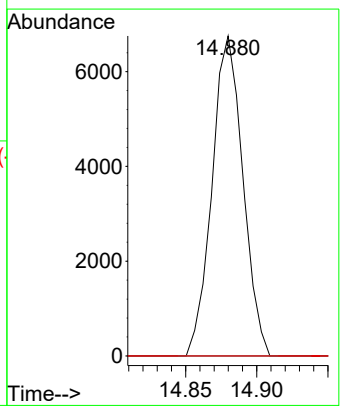


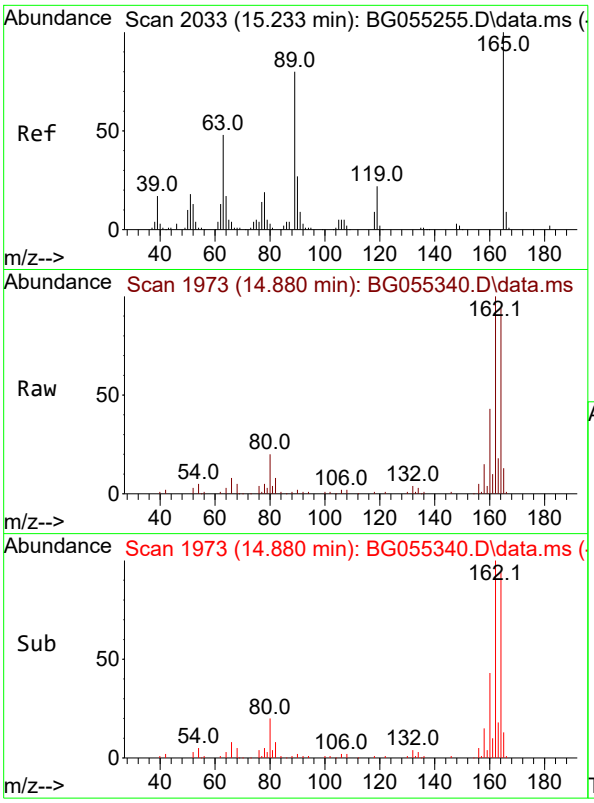


#51
2,6-Dinitrotoluene
Concen: 8.168 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.428 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:165 Resp: 10199

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



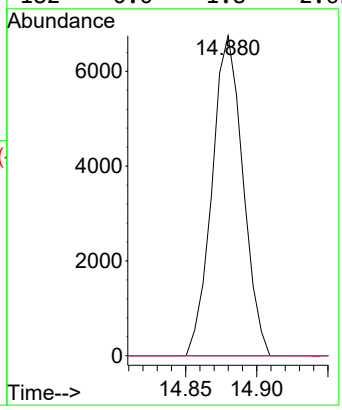


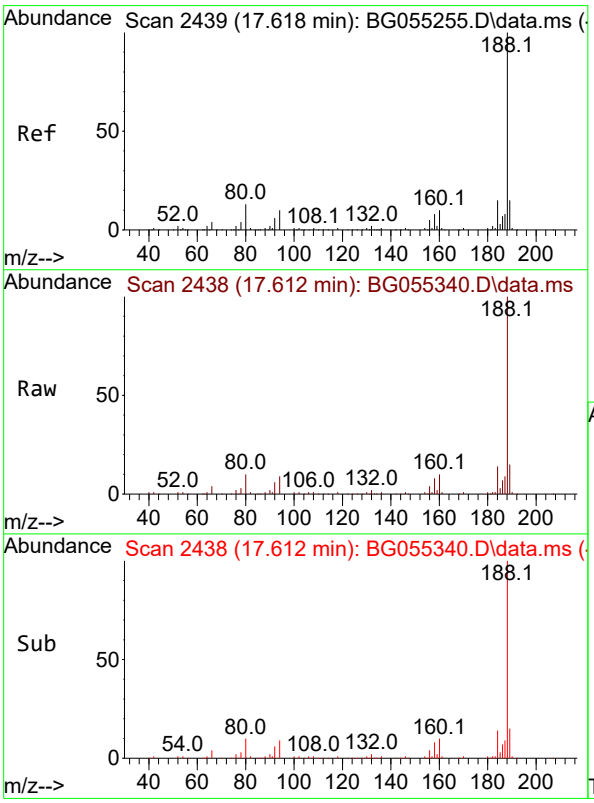
#57
2,4-Dinitrotoluene
Concen: 5.628 ng
RT: 14.880 min Scan# 1
Delta R.T. -0.353 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:165 Resp: 10199

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#

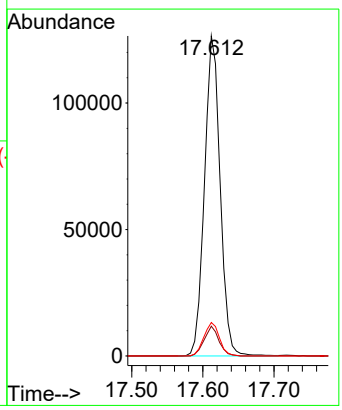


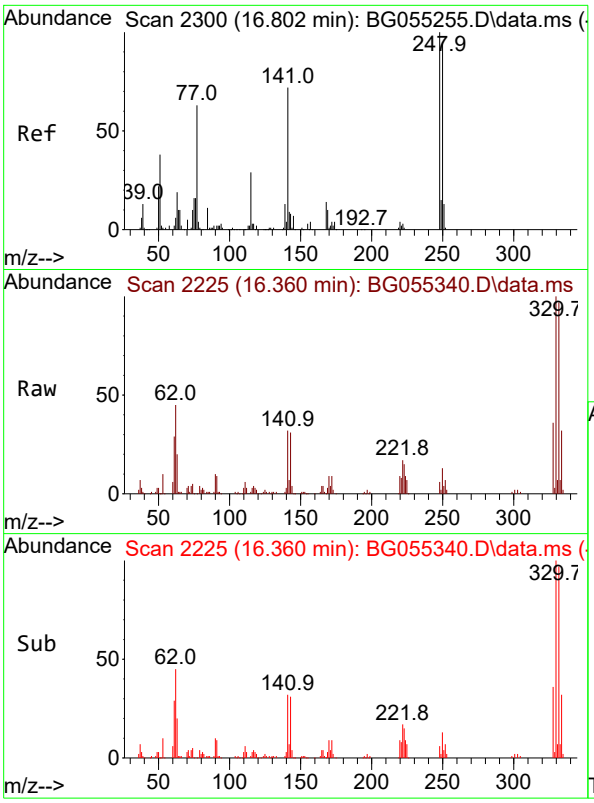


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:188 Resp: 194182

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.4
80	10.5	10.1	15.1



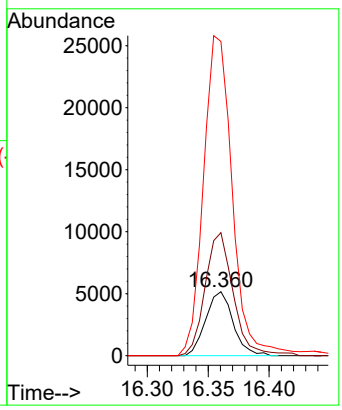


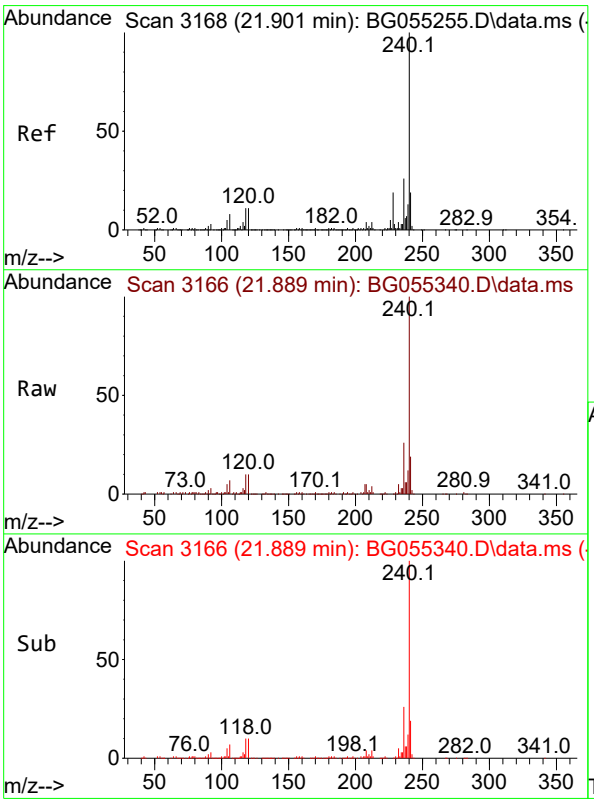
#67
4-Bromophenyl-phenylether
Concen: 4.286 ng
RT: 16.360 min Scan# 2
Delta R.T. -0.441 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:248 Resp: 8085

Ion	Ratio	Lower	Upper
248	100		
250	192.5	76.0	114.0#
141	491.4	58.0	87.0#

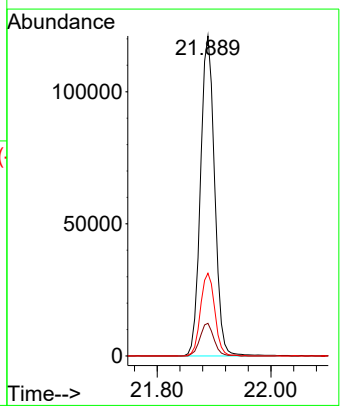


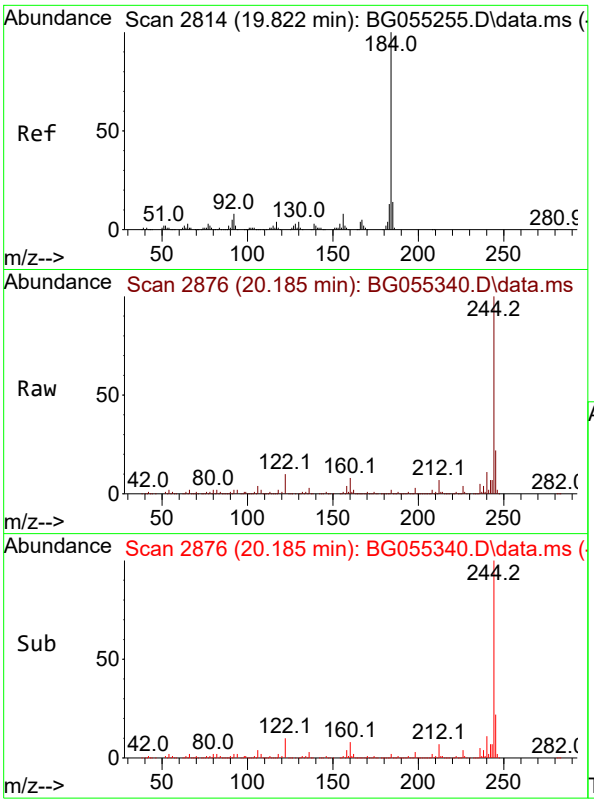


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:240 Resp: 208140

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.8	21.0	31.4



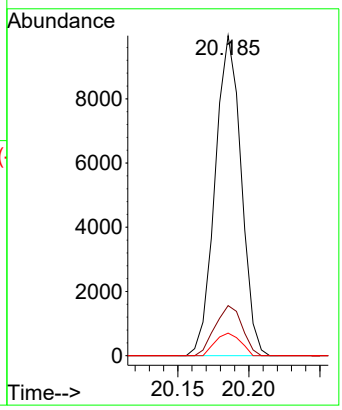


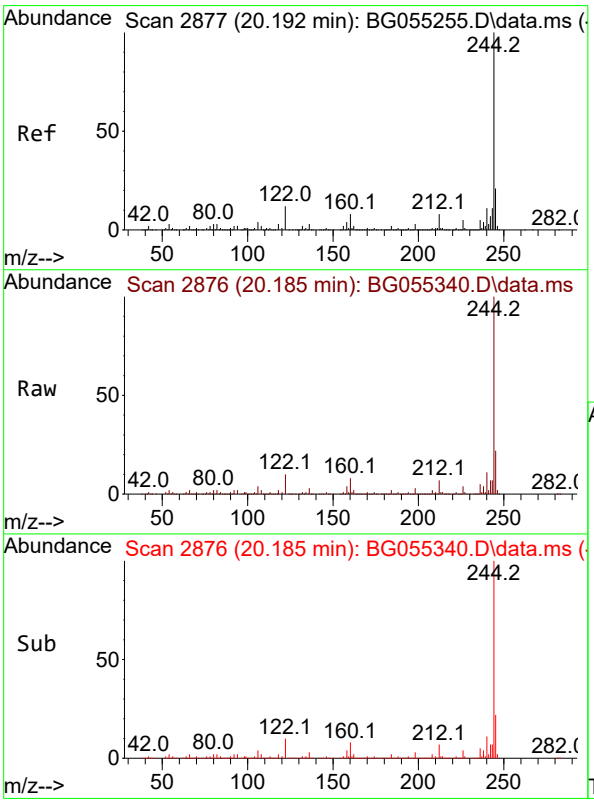
#77
Benzidine
Concen: 2.523 ng
RT: 20.185 min Scan# 2
Delta R.T. 0.363 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:184 Resp: 12713

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.0	16.6
183	7.1	10.0	15.0#

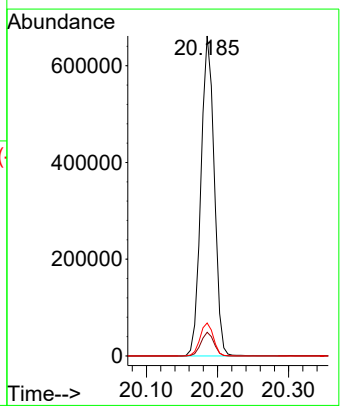


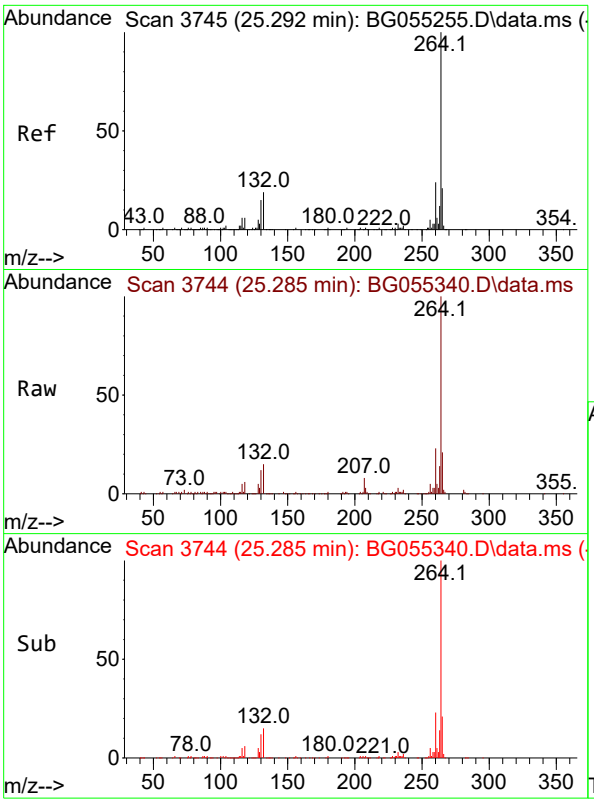


#79
Terphenyl-d14
Concen: 86.198 ng
RT: 20.185 min Scan# 2876
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:244 Resp: 863521

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.3	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.285 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Instrument :
BNA_G
ClientSampleId :
PB148557BL

Tgt Ion:264 Resp: 220537

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.0	17.4	26.2