Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055889.D
Acq On : 5 Dec 2022 17:49
Operator : CG/JU
Sample : N5870-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ML-2

Quant Time: Dec 06 04:47:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.168	152	24406	20.000	ng	0.00
21) Naphthalene-d8	11.000	136	109119	20.000	ng	0.00
39) Acenaphthene-d10	14.802	164	87556	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	229386	20.000	ng	0.00
76) Chrysene-d12	21.829	240	229728	20.000	ng	0.00
86) Perylene-d12	25.178	264	239181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.706	112	231066	171.128	ng	0.00
7) Phenol-d6	7.328	99	310861	172.951	ng	0.00
23) Nitrobenzene-d5	9.349	82	194610	94.265	ng	0.00
42) 2,4,6-Tribromophenol	16.288	330	188559	152.939	ng	0.00
45) 2-Fluorobiphenyl	13.427	172	494328	84.582	ng	0.00
79) Terphenyl-d14	20.137	244	961486	83.712	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.349	70	27066	19.599	ng	# 83
51) 2,6-Dinitrotoluene	14.802	165	11396	7.985	ng	# 26
57) 2,4-Dinitrotoluene	14.802	165	11396	5.664	ng	# 24
67) 4-Bromophenyl-phenylether	16.288	248	12481	4.775	ng	# 1
77) Benzidine	20.131	184	15394	2.897	ng	# 92

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

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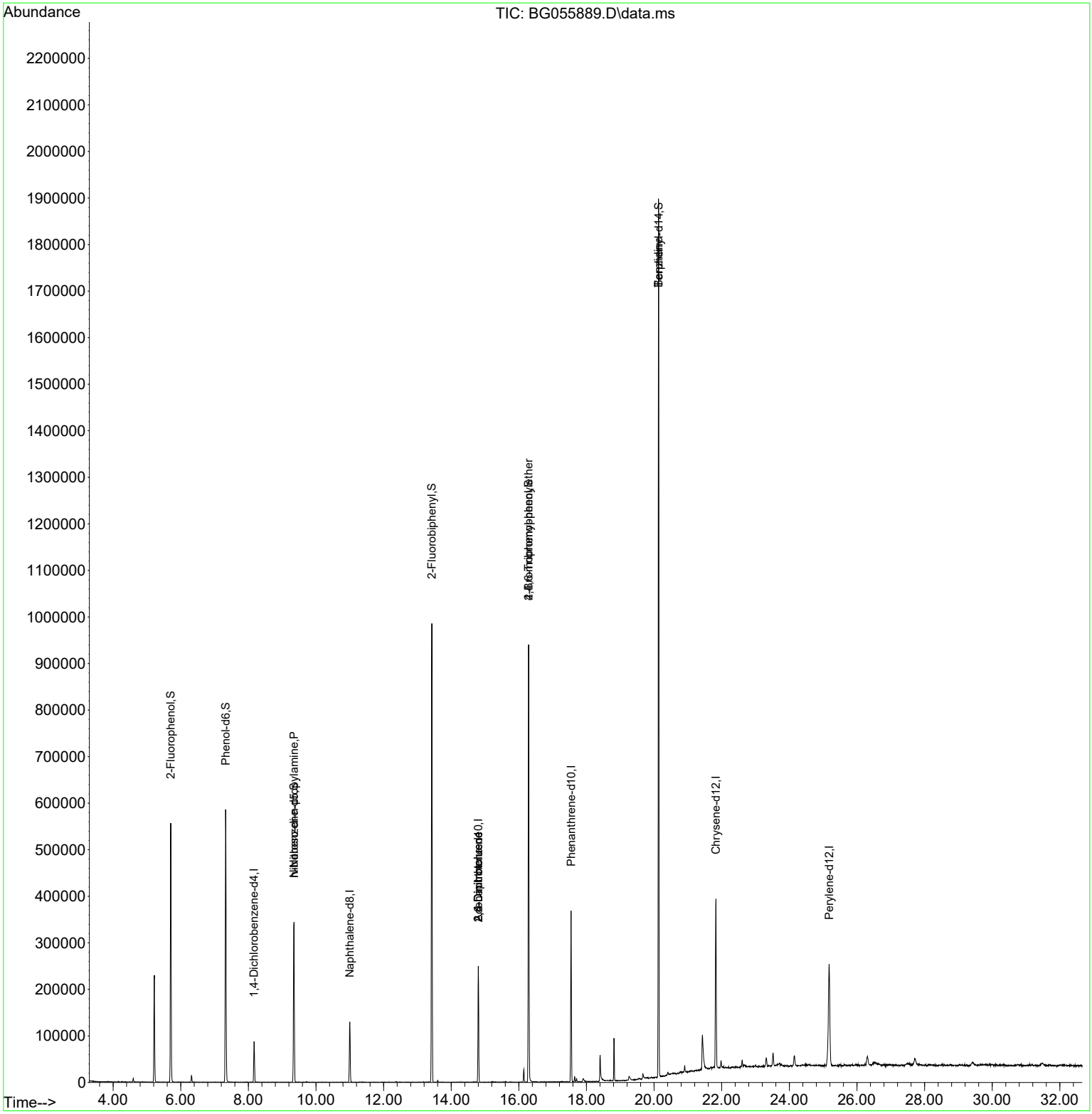
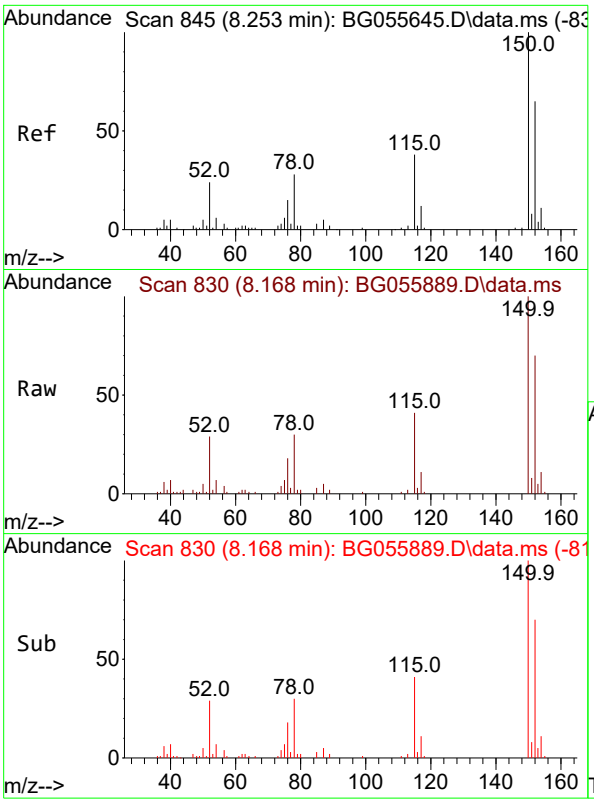
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration



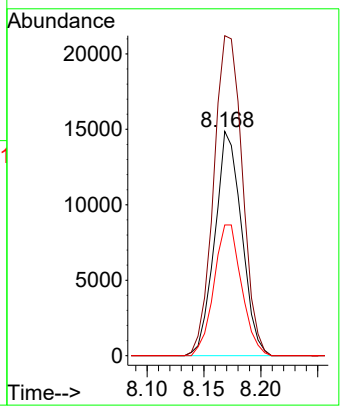


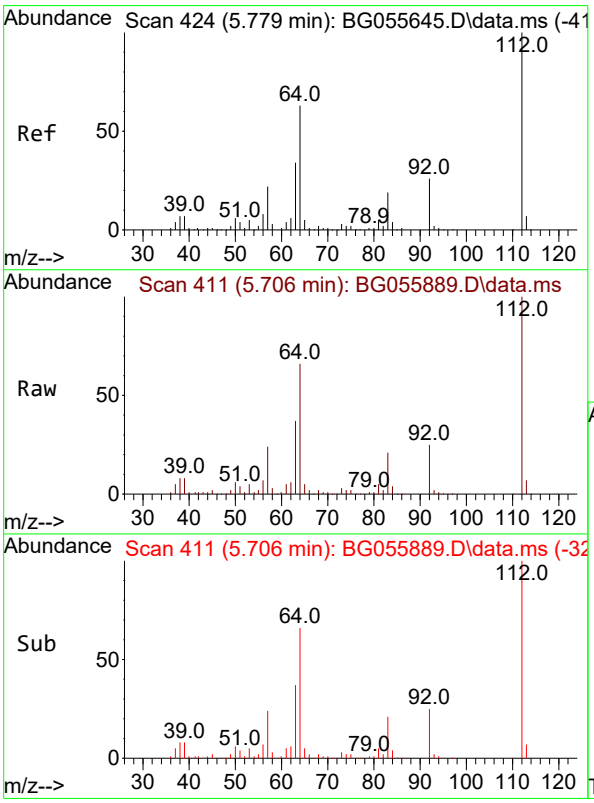
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.168 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:152 Resp: 24406

Ion	Ratio	Lower	Upper
152	100		
150	142.7	123.0	184.6
115	58.3	47.0	70.4

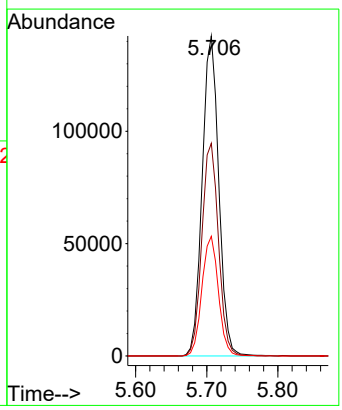


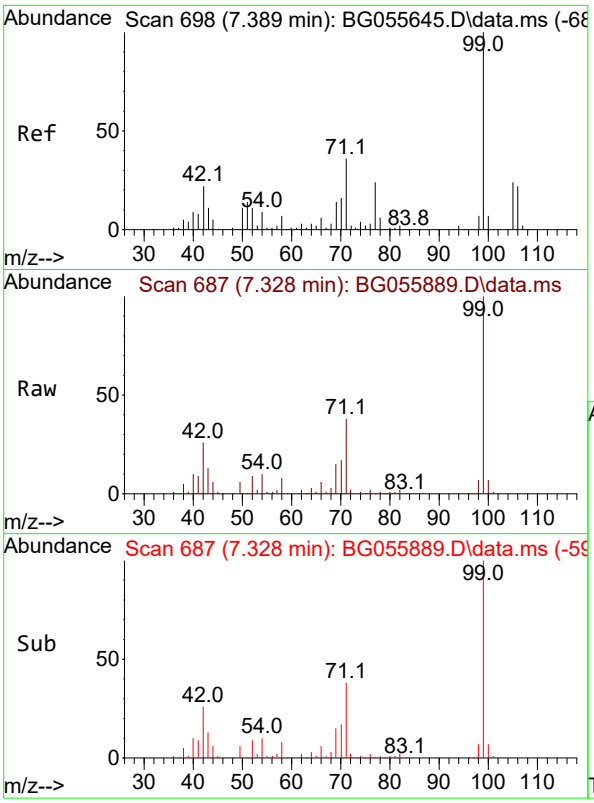


#5
2-Fluorophenol
Concen: 171.128 ng
RT: 5.706 min Scan# 411
Delta R.T. 0.004 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion:112 Resp: 231066

Ion	Ratio	Lower	Upper
112	100		
64	66.5	50.6	76.0
63	37.4	27.5	41.3



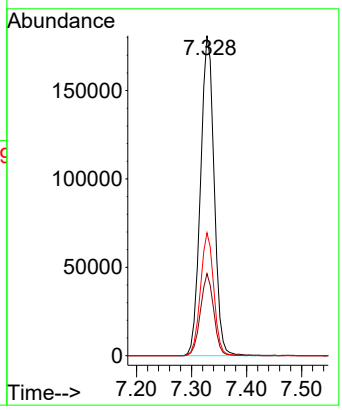


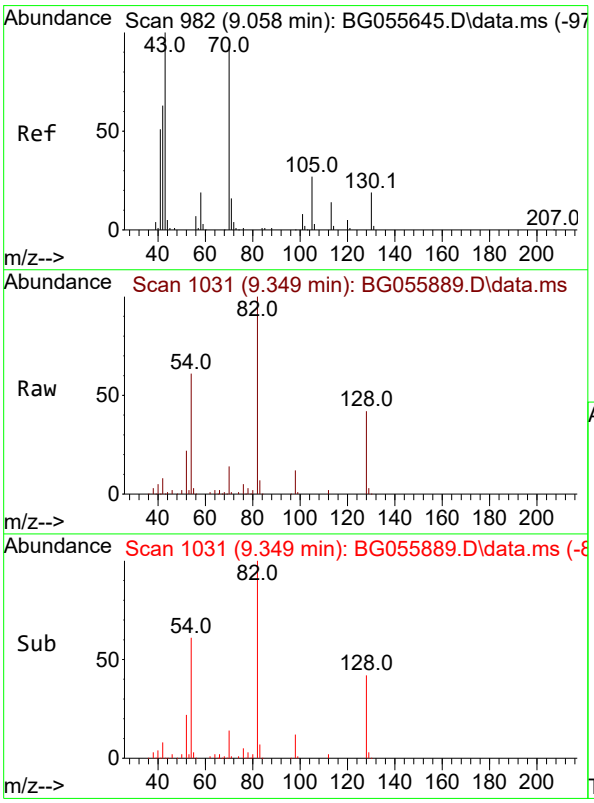
#7
Phenol-d6
Concen: 172.951 ng
RT: 7.328 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion: 99 Resp: 310861

Ion	Ratio	Lower	Upper
99	100		
42	25.6	18.0	27.0
71	38.4	29.0	43.6

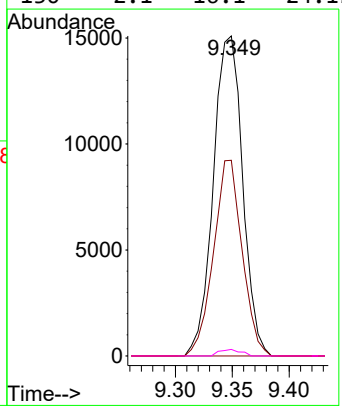


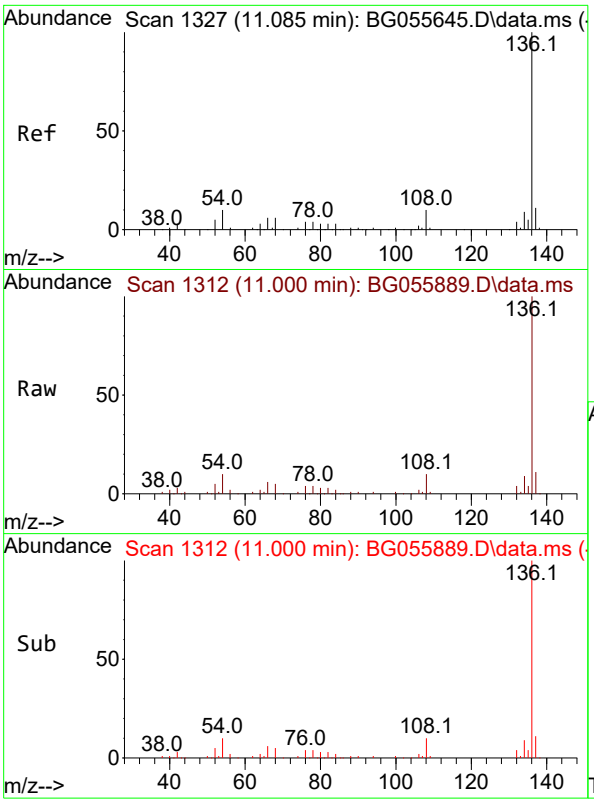


#19
n-Nitroso-di-n-propylamine
Concen: 19.599 ng
RT: 9.349 min Scan# 1031
Delta R.T. 0.369 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion: 70 Resp: 27066

Ion	Ratio	Lower	Upper
70	100		
42	61.1	55.2	82.8
101	0.0	7.1	10.7#
130	2.1	16.1	24.1#



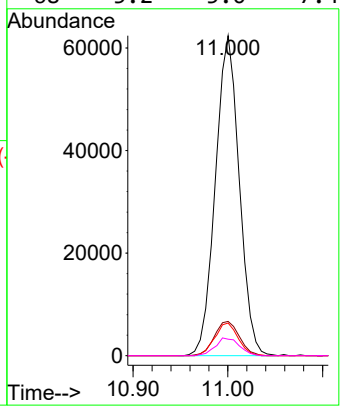


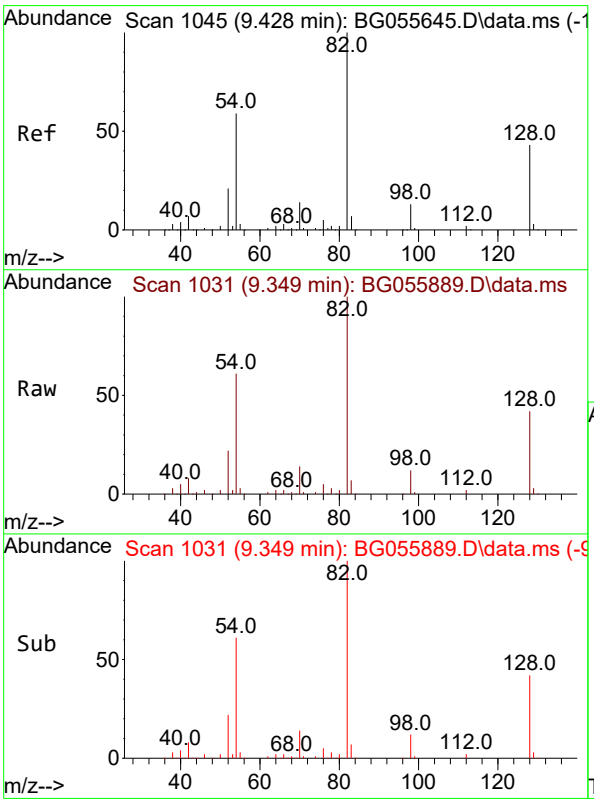
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.000 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:136 Resp: 109119

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.2	7.8	11.6
68	5.2	5.0	7.4

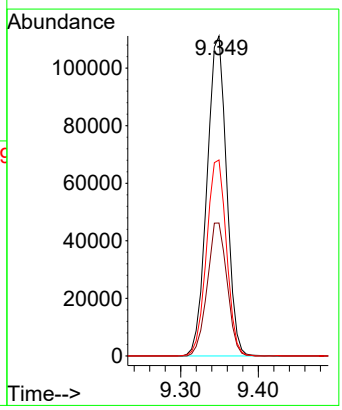


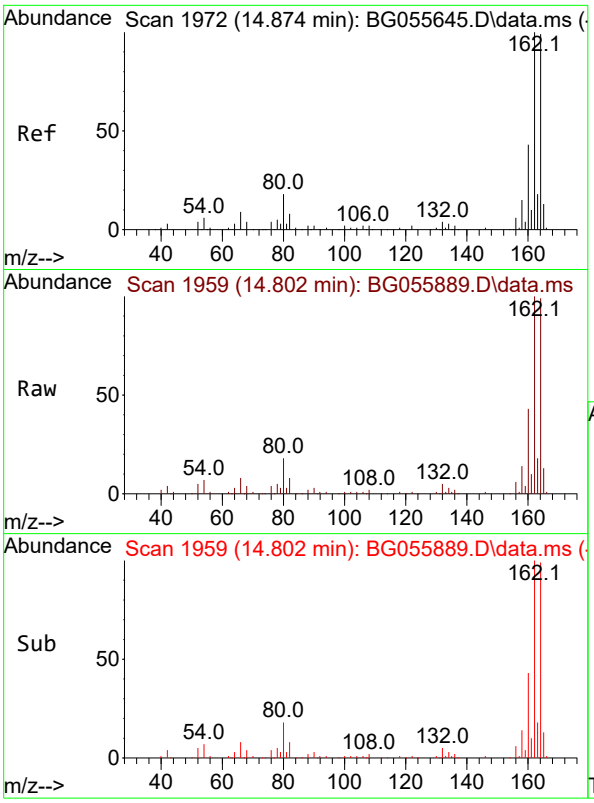


#23
Nitrobenzene-d5
Concen: 94.265 ng
RT: 9.349 min Scan# 1031
Delta R.T. -0.001 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion: 82 Resp: 194610

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.1	51.1
54	61.3	47.3	70.9



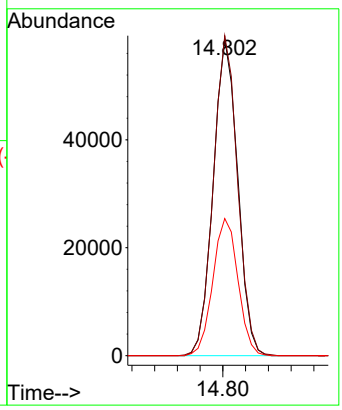


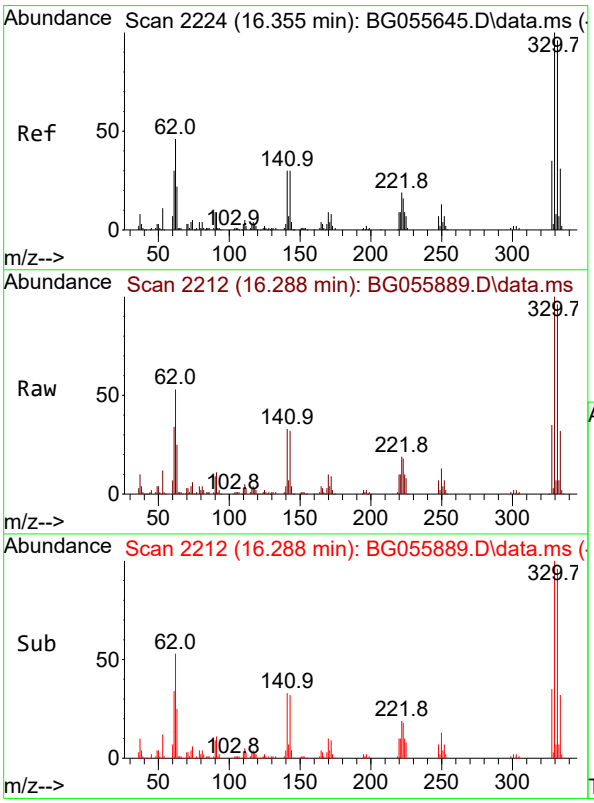
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.802 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:164 Resp: 87556

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.1	121.7
160	43.3	34.8	52.2

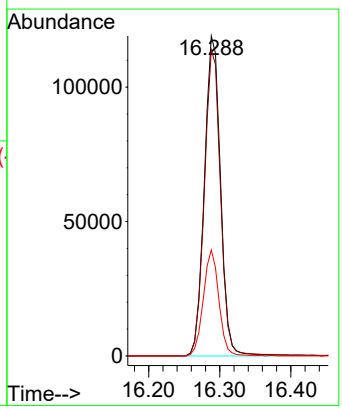


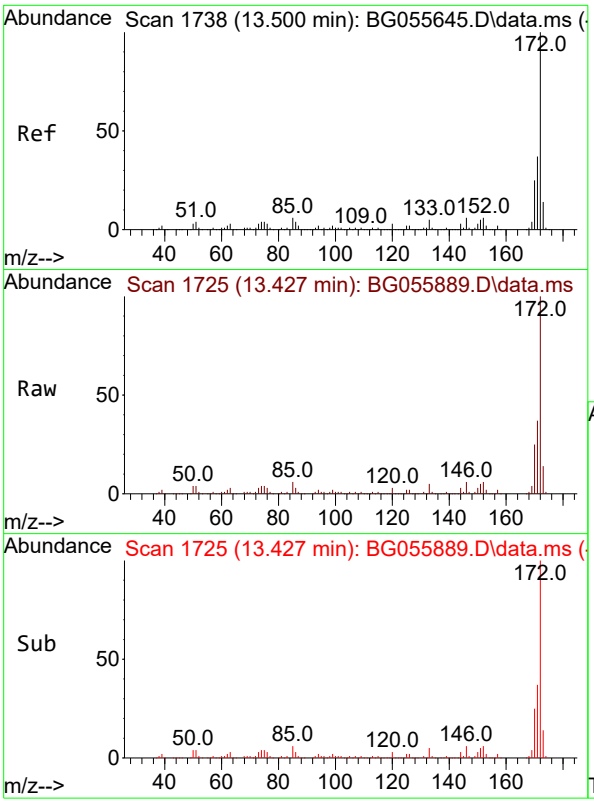


#42
2,4,6-Tribromophenol
Concen: 152.939 ng
RT: 16.288 min Scan# 2212
Delta R.T. -0.007 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion:330 Resp: 188559

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.8
141	31.9	23.9	35.9



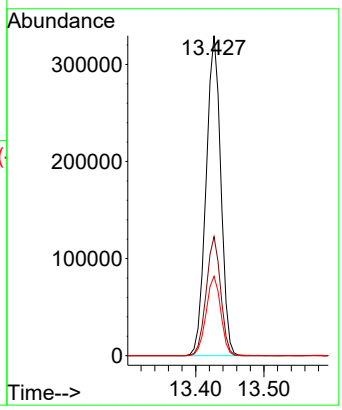


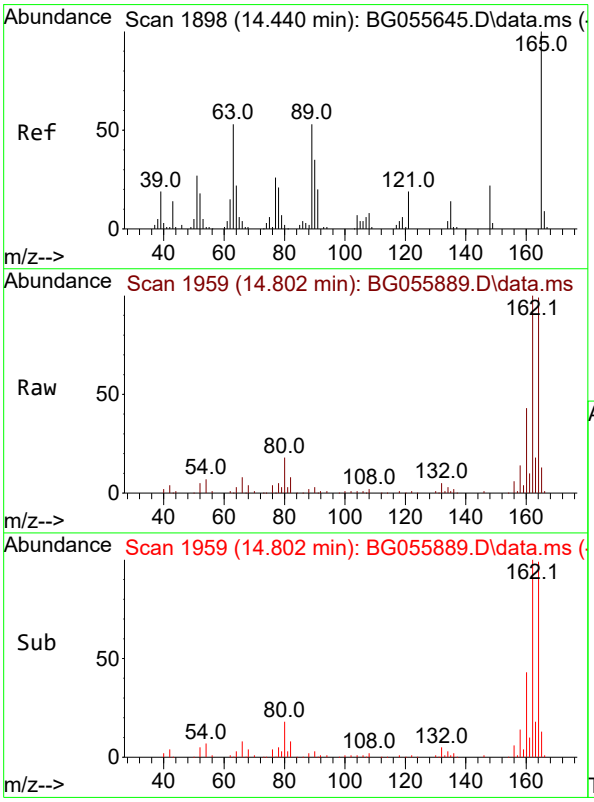
#45
2-Fluorobiphenyl
Concen: 84.582 ng
RT: 13.427 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:172 Resp: 494328

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.8	20.2	30.4

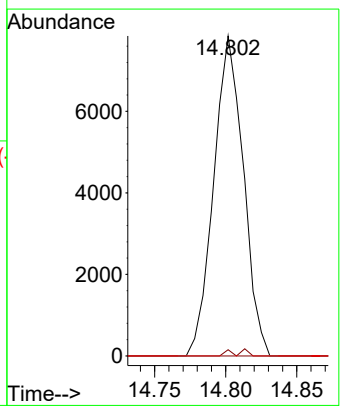


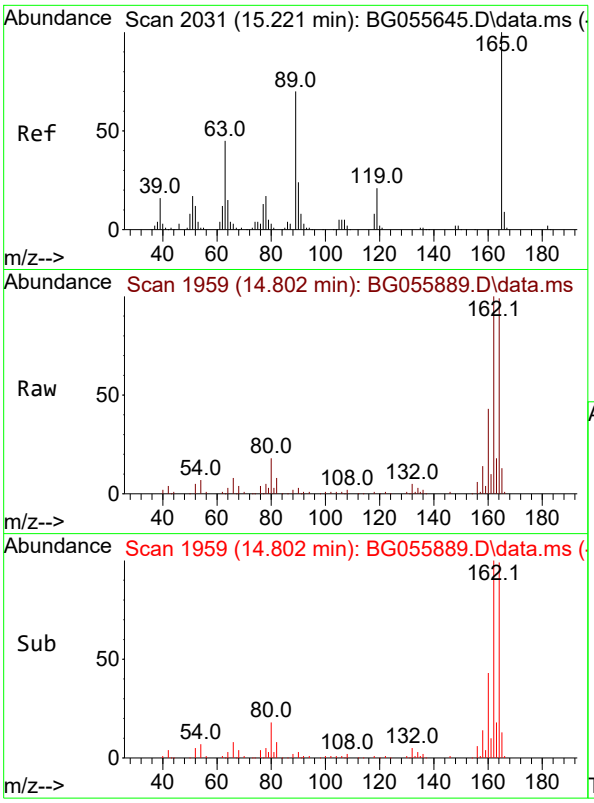


#51
2,6-Dinitrotoluene
Concen: 7.985 ng
RT: 14.802 min Scan# 1959
Delta R.T. 0.422 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion:165 Resp: 11396

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.6	66.8#
89	0.0	42.2	63.4#



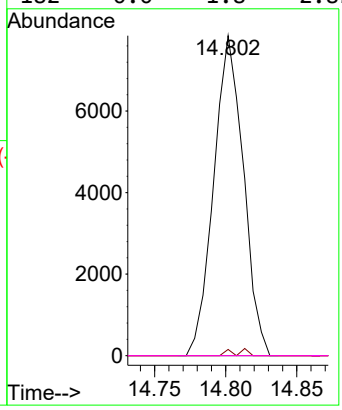


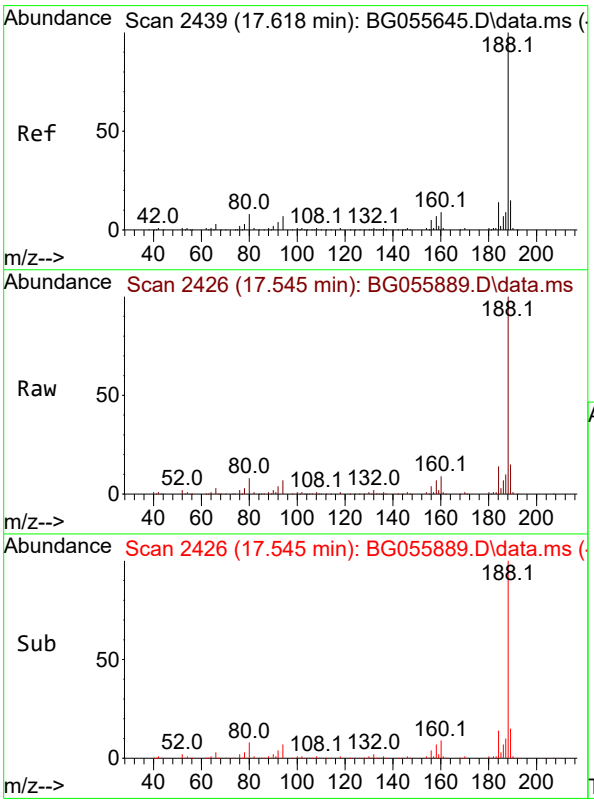
#57
2,4-Dinitrotoluene
Concen: 5.664 ng
RT: 14.802 min Scan# 1
Delta R.T. -0.366 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:165 Resp: 11396

Ion	Ratio	Lower	Upper
165	100		
63	1.9	35.8	53.8#
89	0.0	56.2	84.4#
182	0.0	1.8	2.8#

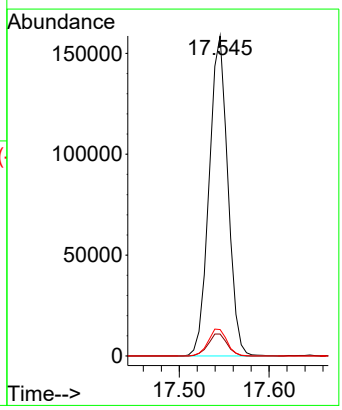


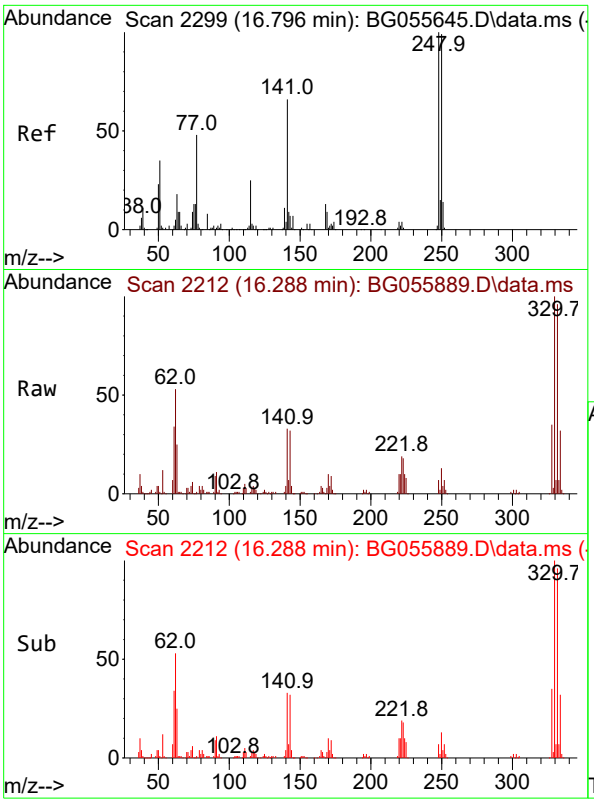


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion:188 Resp: 229386

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.2
80	8.3	6.6	10.0



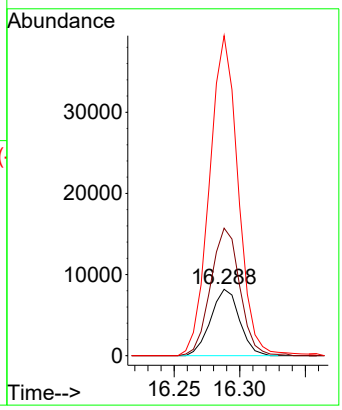


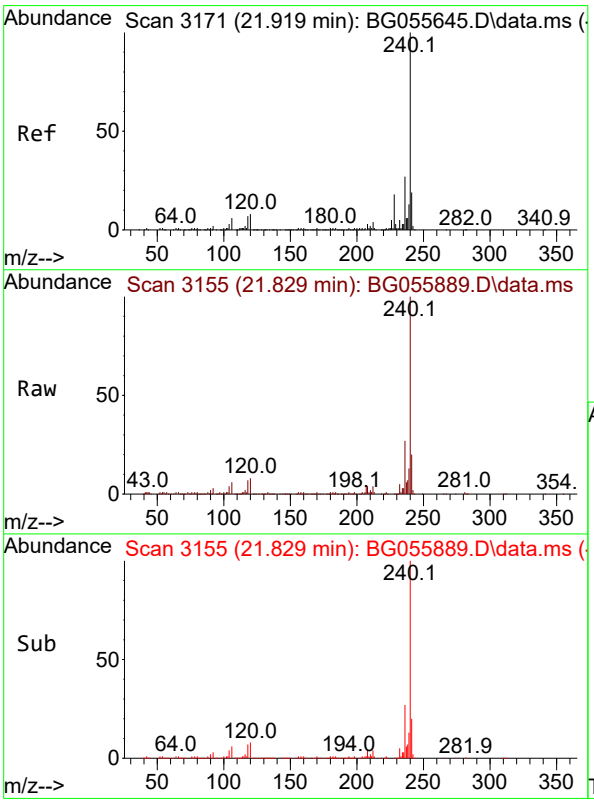
#67
4-Bromophenyl-phenylether
Concen: 4.775 ng
RT: 16.288 min Scan# 2
Delta R.T. -0.442 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:248 Resp: 12481

Ion	Ratio	Lower	Upper
248	100		
250	192.2	79.0	118.4#
141	482.4	52.9	79.3#

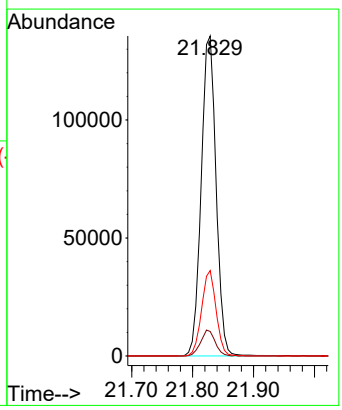


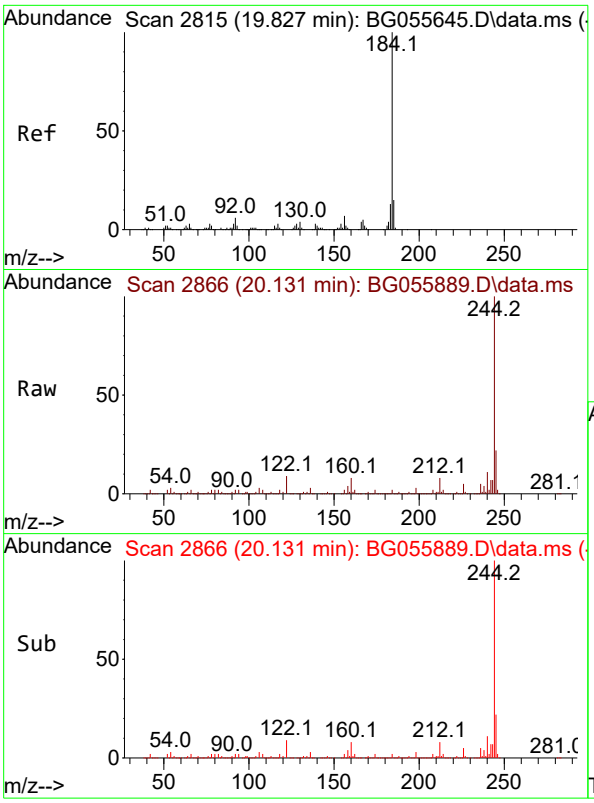


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.829 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion:240 Resp: 229728

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.3	9.5
236	26.7	21.9	32.9



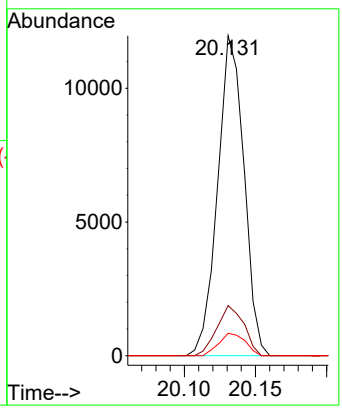


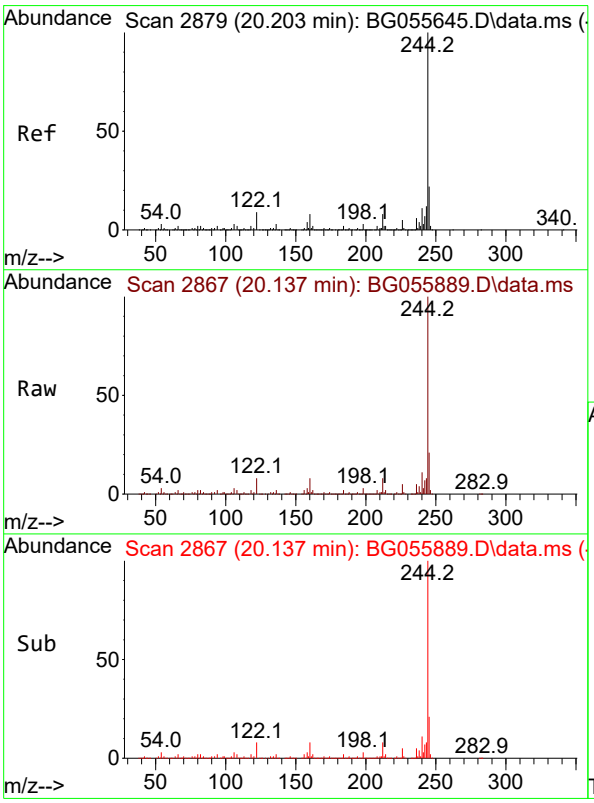
#77
Benzidine
Concen: 2.897 ng
RT: 20.131 min Scan# 2
Delta R.T. 0.369 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:184 Resp: 15394

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.8
183	7.0	10.6	15.8#

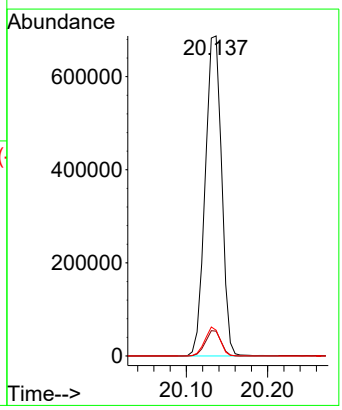


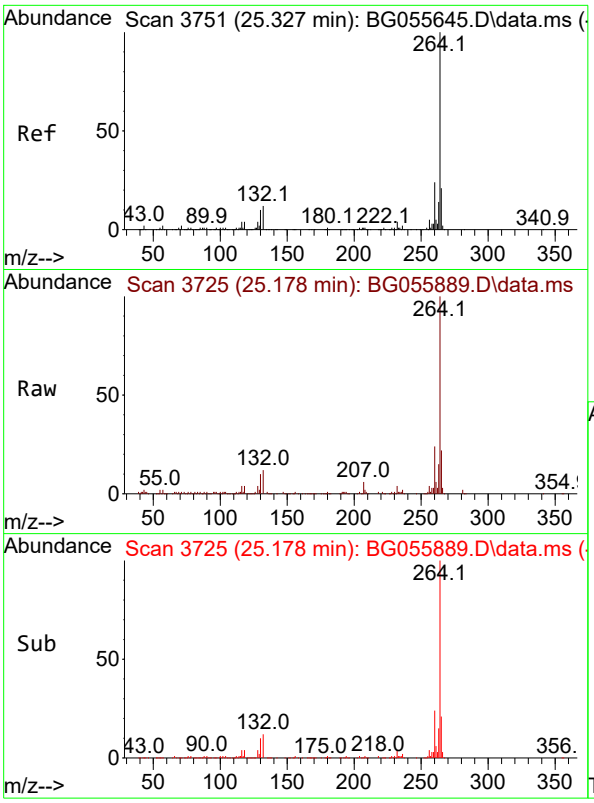


#79
Terphenyl-d14
Concen: 83.712 ng
RT: 20.137 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Tgt Ion:244 Resp: 961486

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	8.1	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.178 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG055889.D
Acq: 5 Dec 2022 17:49

Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:264 Resp: 239181

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.1	25.7