Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055155.D
Acq On : 13 Oct 2022 2:46
Operator : CG/JU
Sample : PB148265BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Quant Time: Oct 13 05:40:46 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	21513	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	97775	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	76801	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	224628	20.000	ng	0.00
76) Chrysene-d12	21.919	240	253766	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	257181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	186394	169.514	ng	0.00
7) Phenol-d6	7.430	99	255789	157.256	ng	0.00
23) Nitrobenzene-d5	9.469	82	157896	86.598	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	166880	151.222	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	421178	89.584	ng	0.00
79) Terphenyl-d14	20.215	244	1143415	90.747	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.469	70	22392	17.058	ng	# 80
51) 2,6-Dinitrotoluene	14.904	165	9862	7.763	ng	# 21
57) 2,4-Dinitrotoluene	14.904	165	9862	5.300	ng	# 23
67) 4-Bromophenyl-phenylether	16.385	248	10553	4.310	ng	# 1
77) Benzidine	20.215	184	17785	3.125	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
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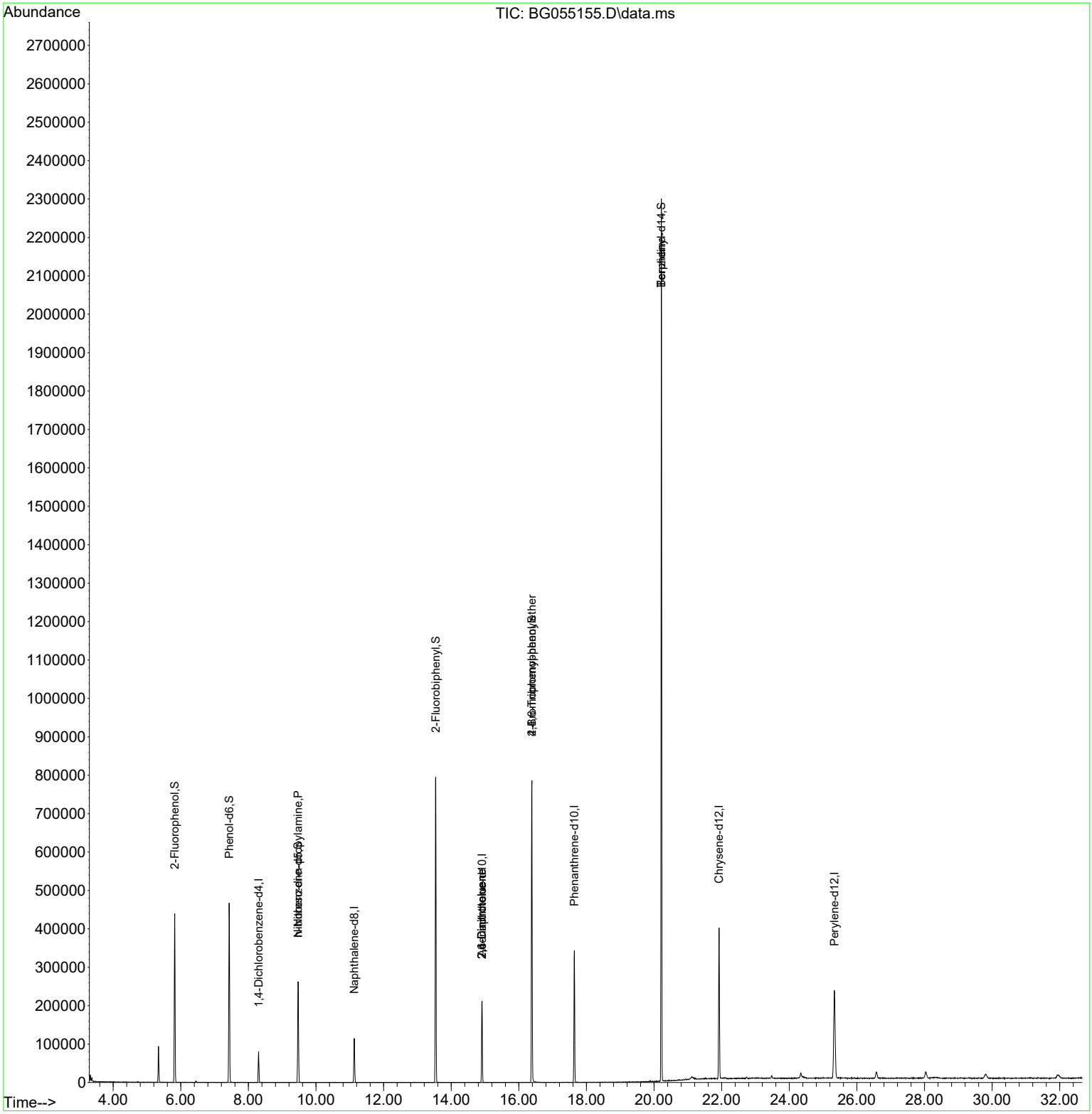
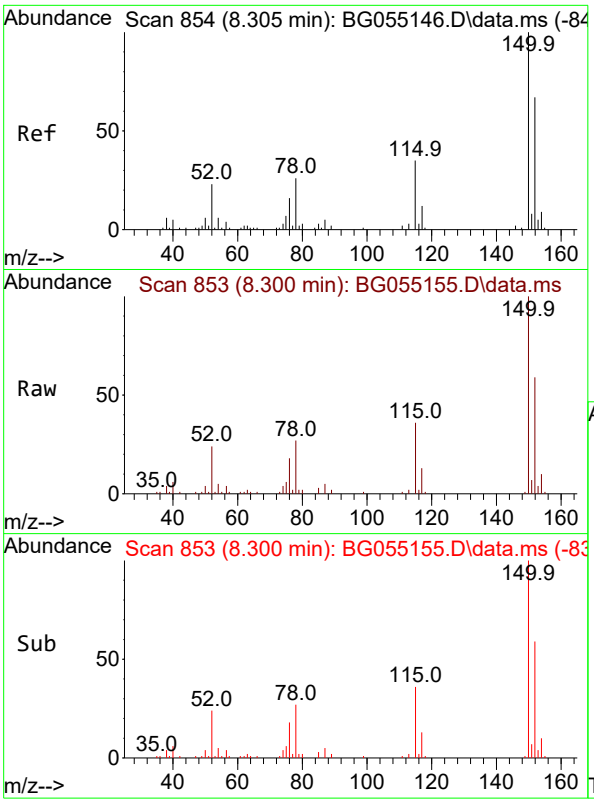


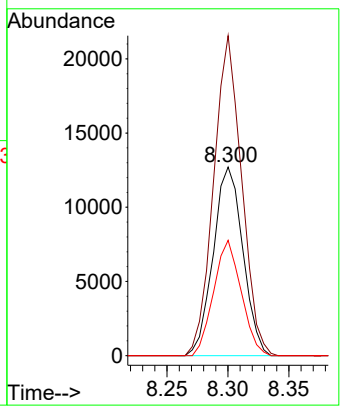


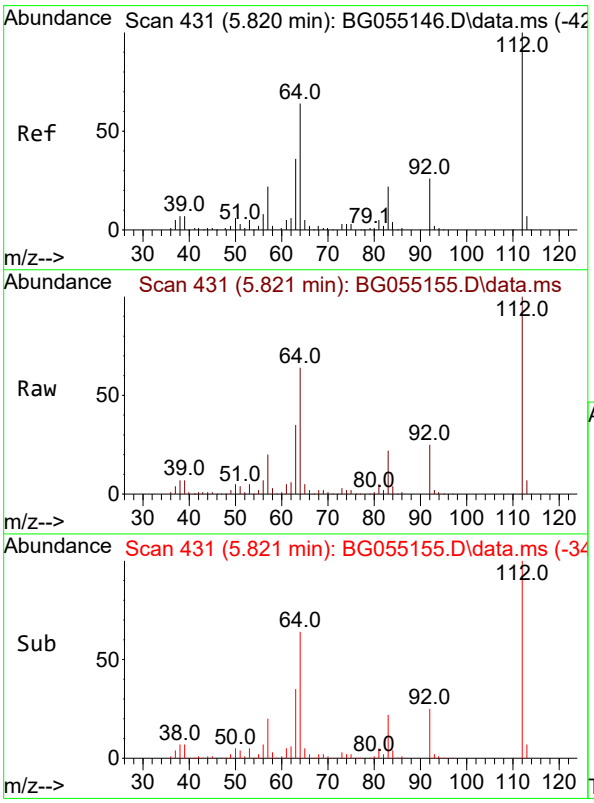
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:152 Resp: 21513

Ion	Ratio	Lower	Upper
152	100		
150	169.7	119.7	179.5
115	61.1	42.4	63.6

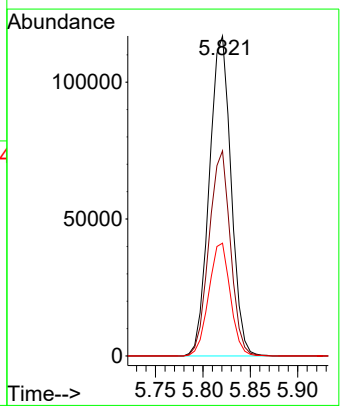


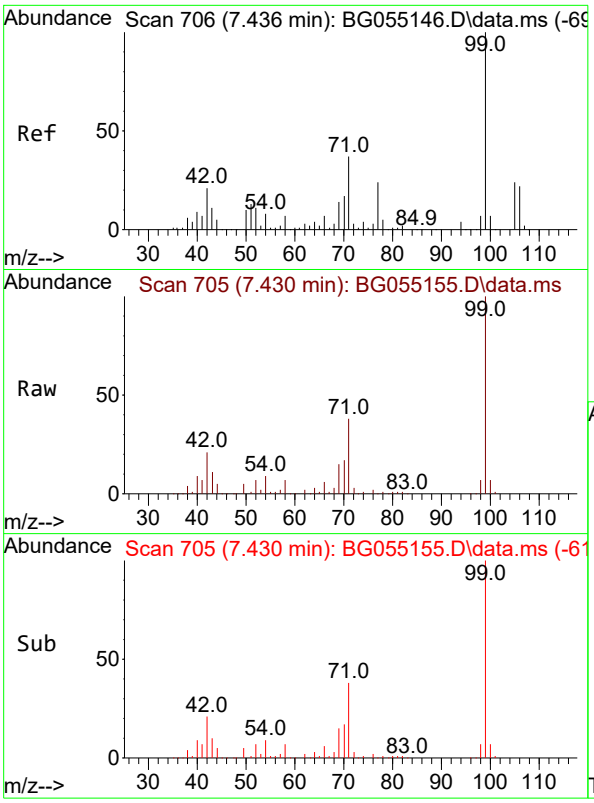


#5
2-Fluorophenol
Concen: 169.514 ng
RT: 5.821 min Scan# 431
Delta R.T. 0.001 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion:112 Resp: 186394

Ion	Ratio	Lower	Upper
112	100		
64	64.1	50.9	76.3
63	35.2	29.0	43.6



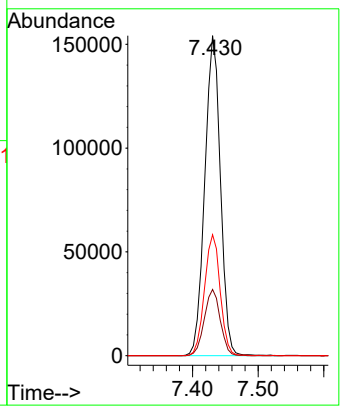


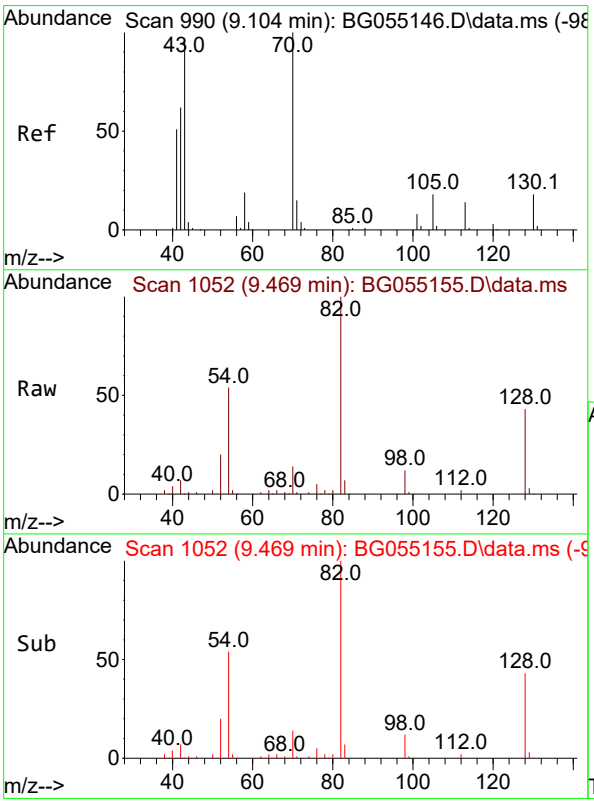
#7
Phenol-d6
Concen: 157.256 ng
RT: 7.430 min Scan# 7(
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion: 99 Resp: 255789

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	37.8	29.6	44.4

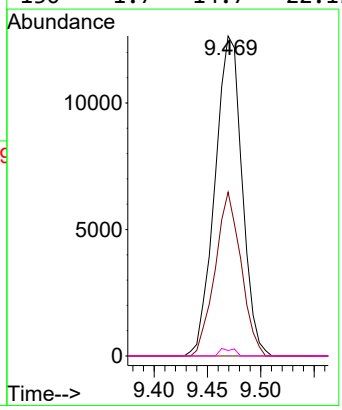


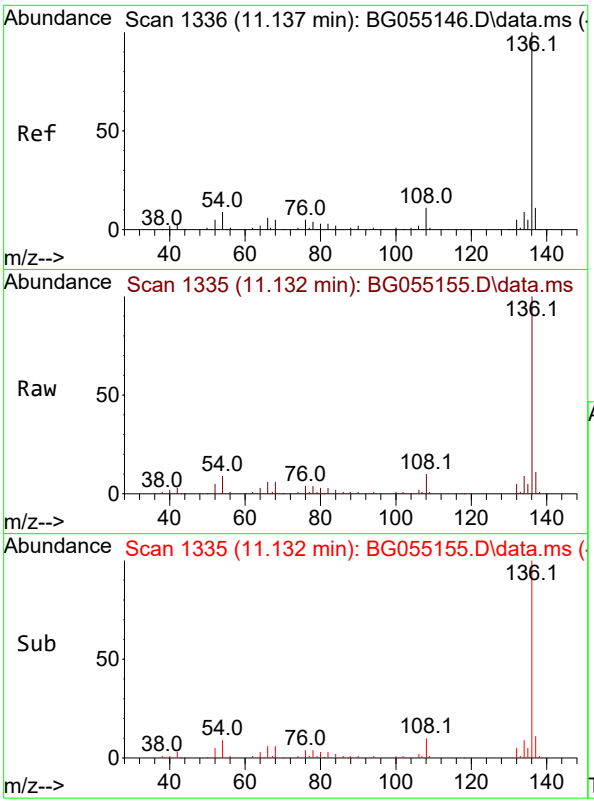


#19
n-Nitroso-di-n-propylamine
Concen: 17.058 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.365 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion: 70 Resp: 22392

Ion	Ratio	Lower	Upper
70	100		
42	51.2	50.1	75.1
101	0.0	6.6	10.0#
130	1.7	14.7	22.1#



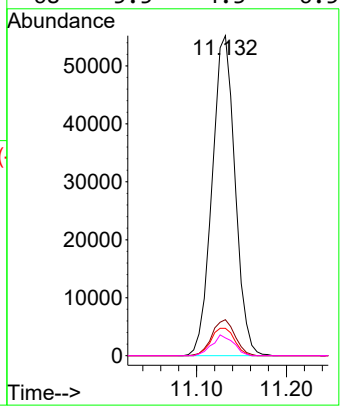


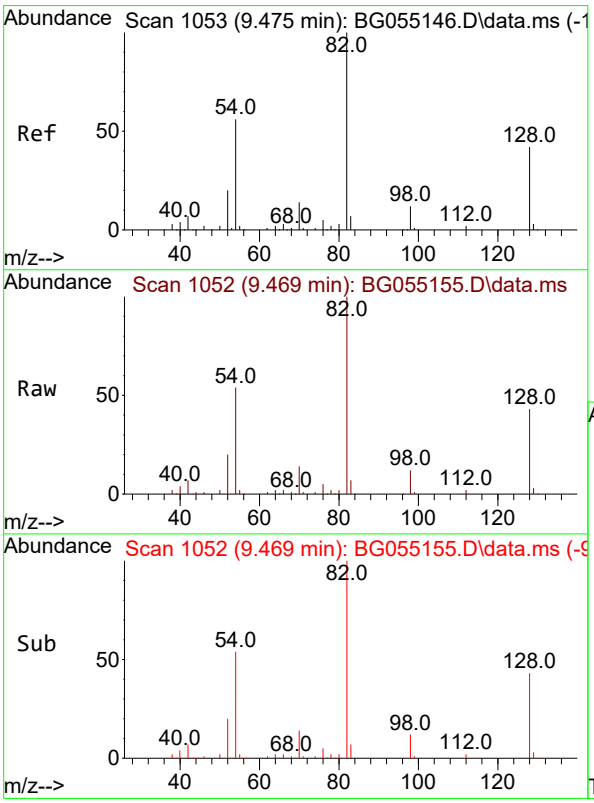
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:136 Resp: 97775

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.6	7.0	10.6
68	5.5	4.3	6.5

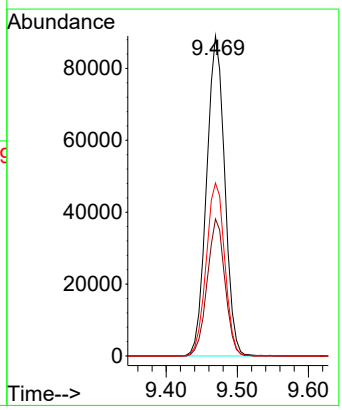


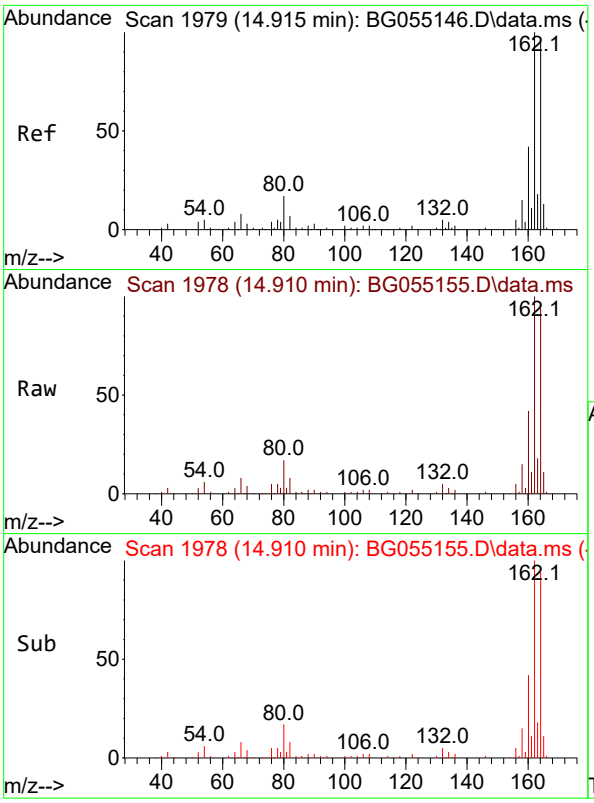


#23
Nitrobenzene-d5
Concen: 86.598 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion: 82 Resp: 157896

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.5	50.3
54	54.0	44.7	67.1



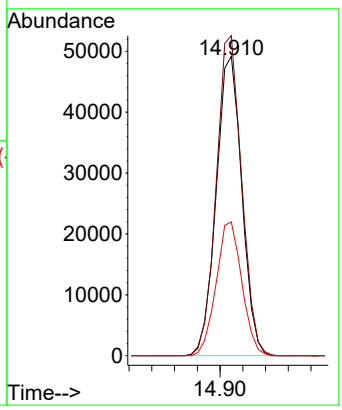


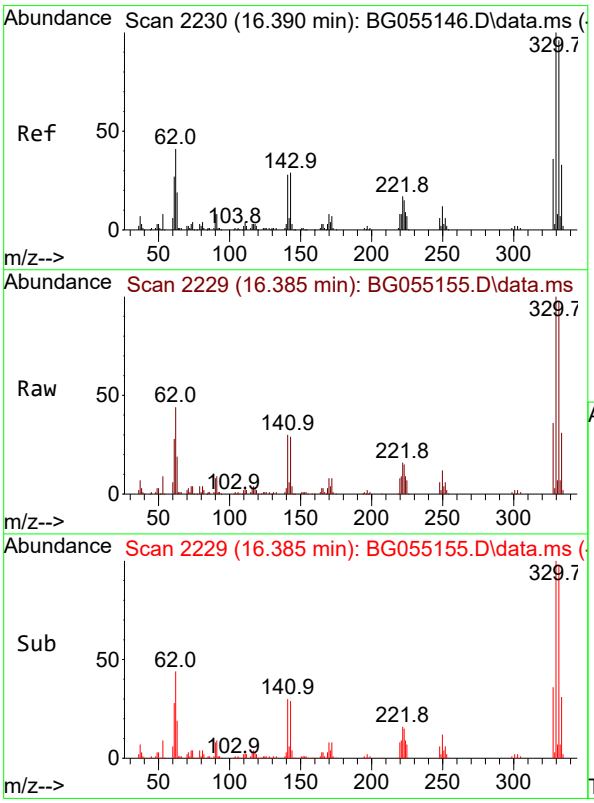
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:164 Resp: 76801

Ion	Ratio	Lower	Upper
164	100		
162	106.9	83.3	124.9
160	44.7	35.3	52.9

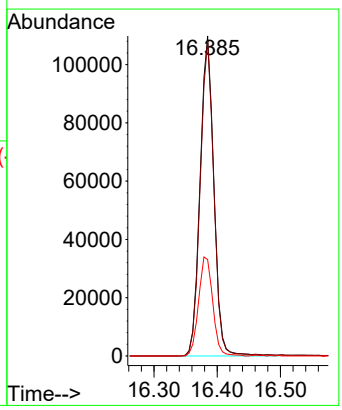


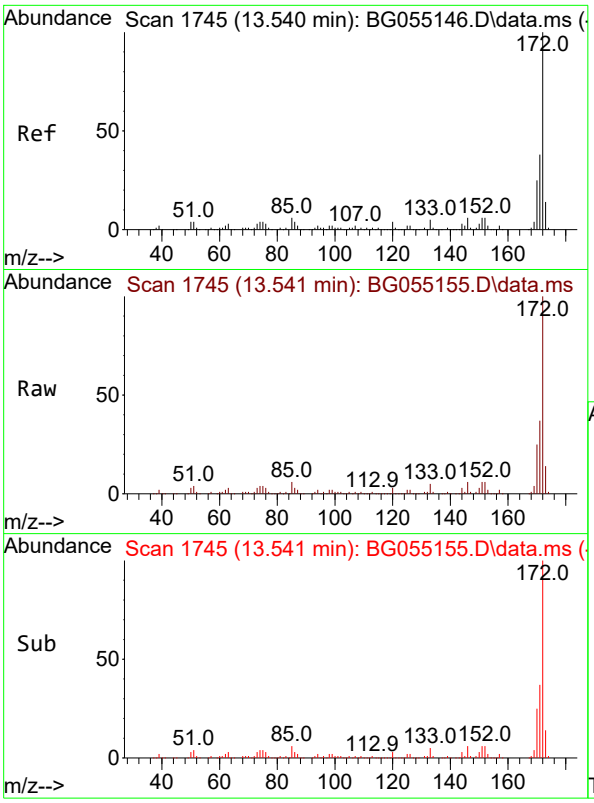


#42
2,4,6-Tribromophenol
Concen: 151.222 ng
RT: 16.385 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion:330 Resp: 166880

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	31.6	24.6	36.8



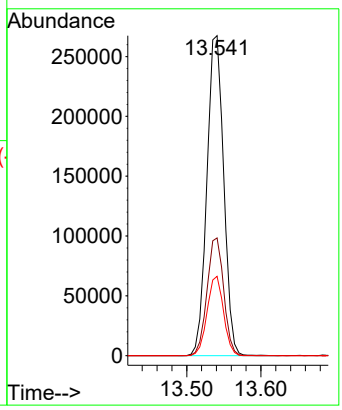


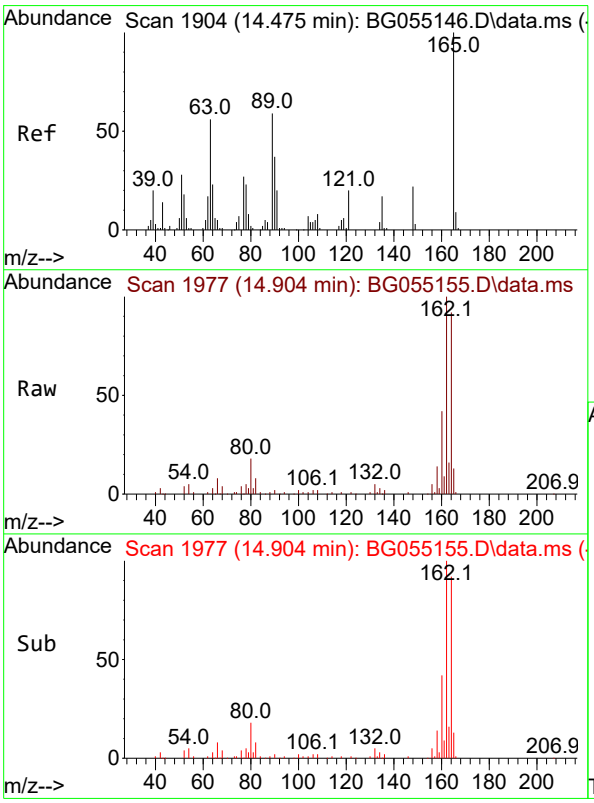
#45
2-Fluorobiphenyl
Concen: 89.584 ng
RT: 13.541 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:172 Resp: 421178

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.1	45.1
170	24.8	19.8	29.6

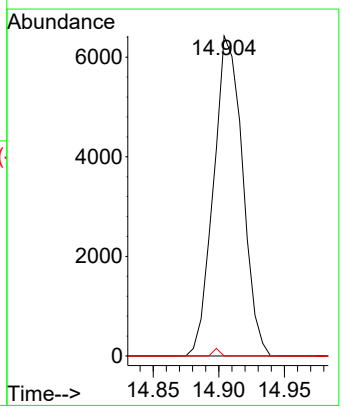


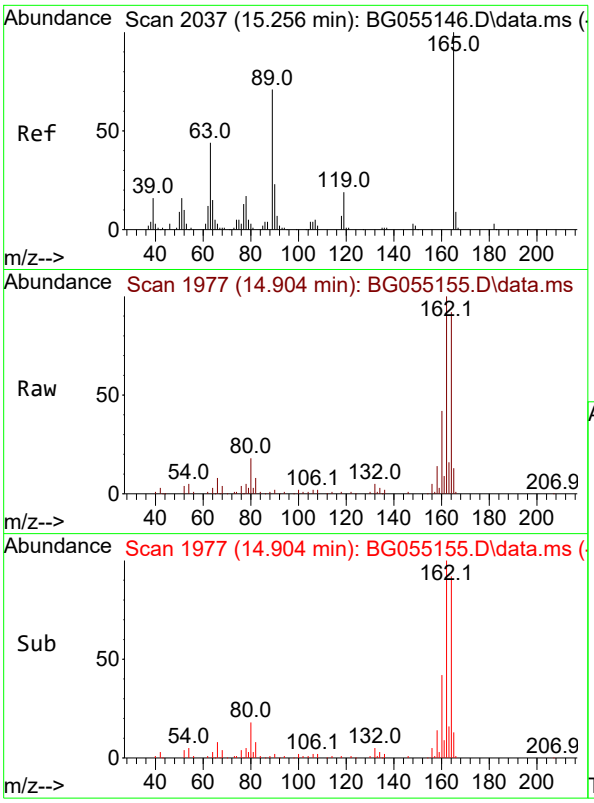


#51
2,6-Dinitrotoluene
Concen: 7.763 ng
RT: 14.904 min Scan# 1977
Delta R.T. 0.430 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion:165 Resp: 9862

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



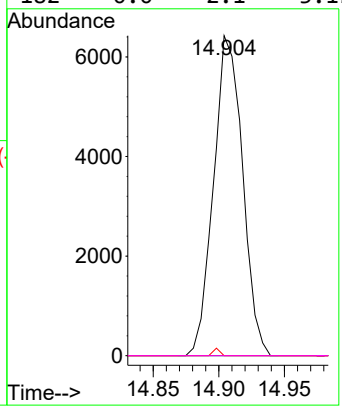


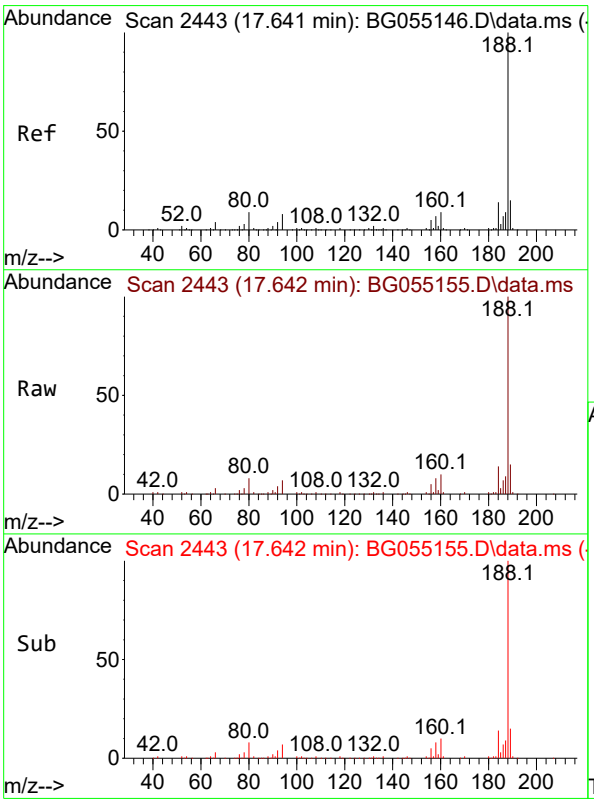
#57
2,4-Dinitrotoluene
Concen: 5.300 ng
RT: 14.904 min Scan# 1
Delta R.T. -0.352 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:165 Resp: 9862

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#

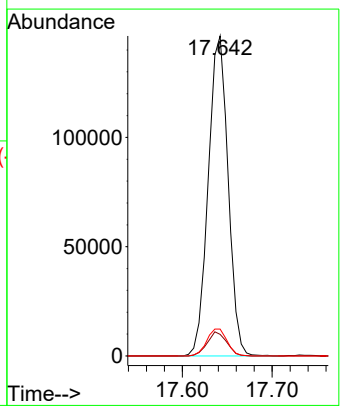


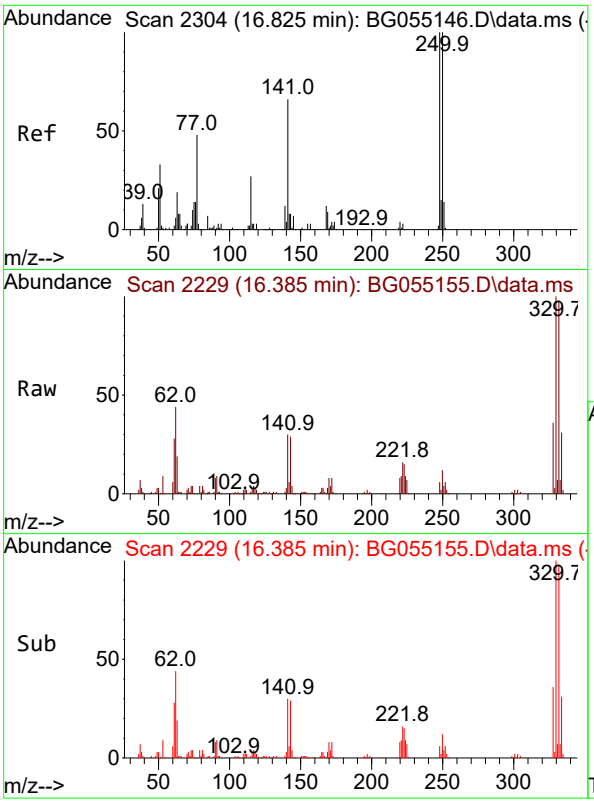


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion:188 Resp: 224628

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.2
80	8.4	7.0	10.6



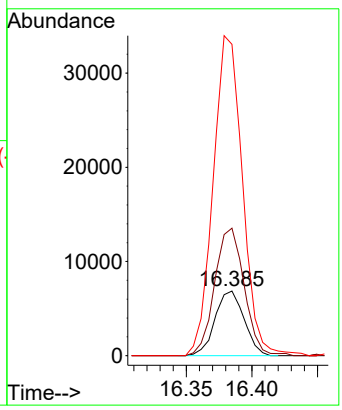


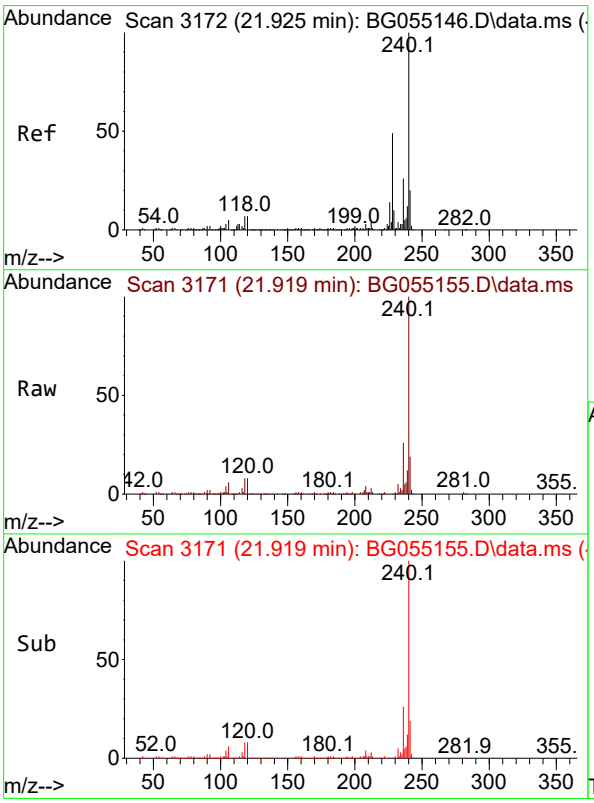
#67
4-Bromophenyl-phenylether
Concen: 4.310 ng
RT: 16.385 min Scan# 2
Delta R.T. -0.440 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:248 Resp: 10553

Ion	Ratio	Lower	Upper
248	100		
250	197.0	80.1	120.1#
141	481.2	53.1	79.7#

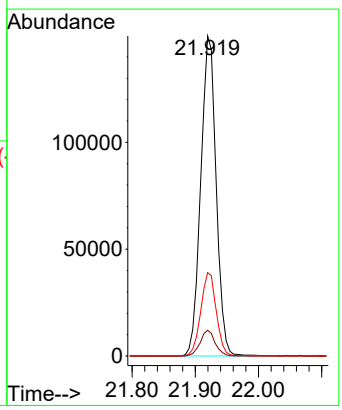


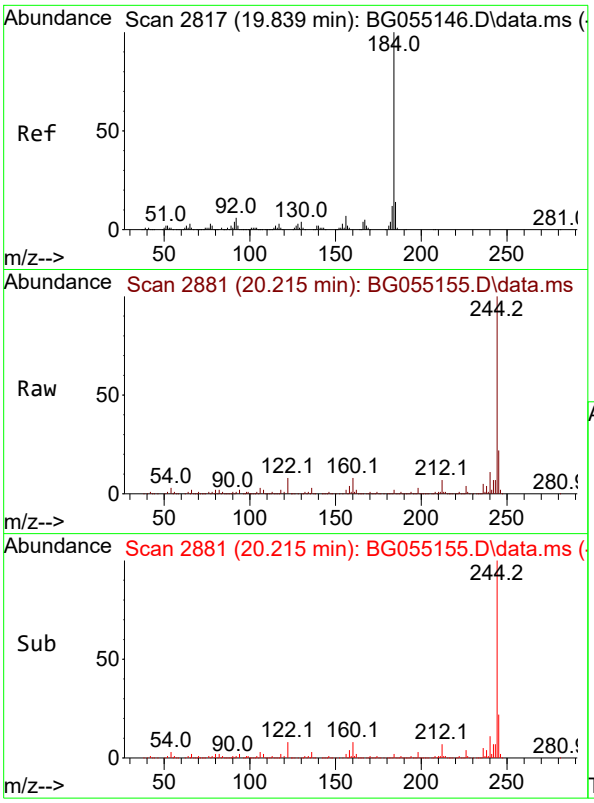


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion:240 Resp: 253766

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.4	8.0#
236	26.1	20.6	31.0



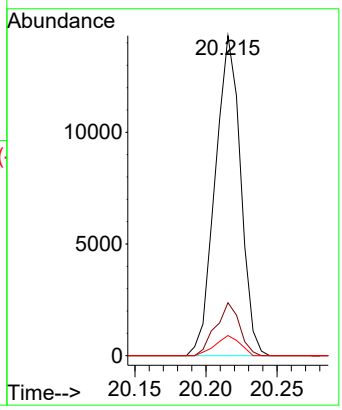


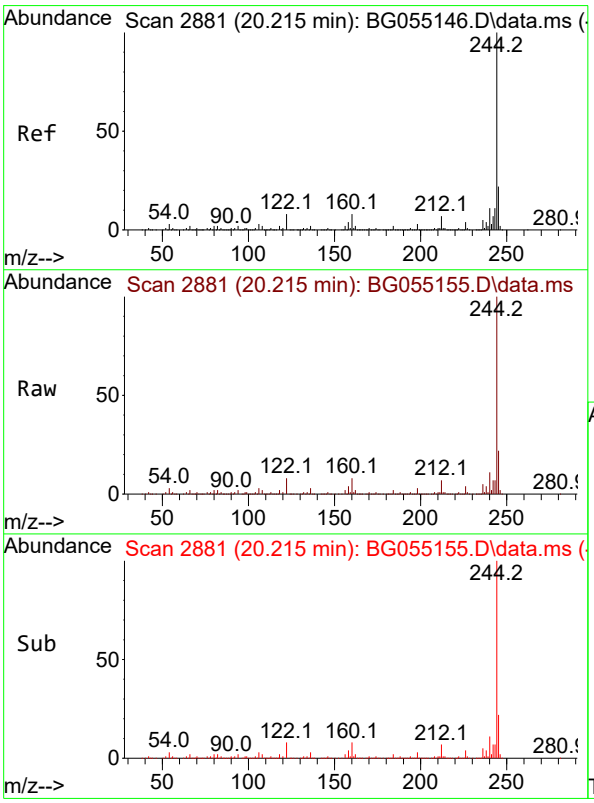
#77
Benzidine
Concen: 3.125 ng
RT: 20.215 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:184 Resp: 17785

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.5	17.3
183	6.3	9.4	14.2#

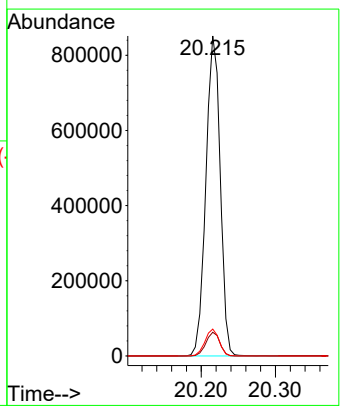


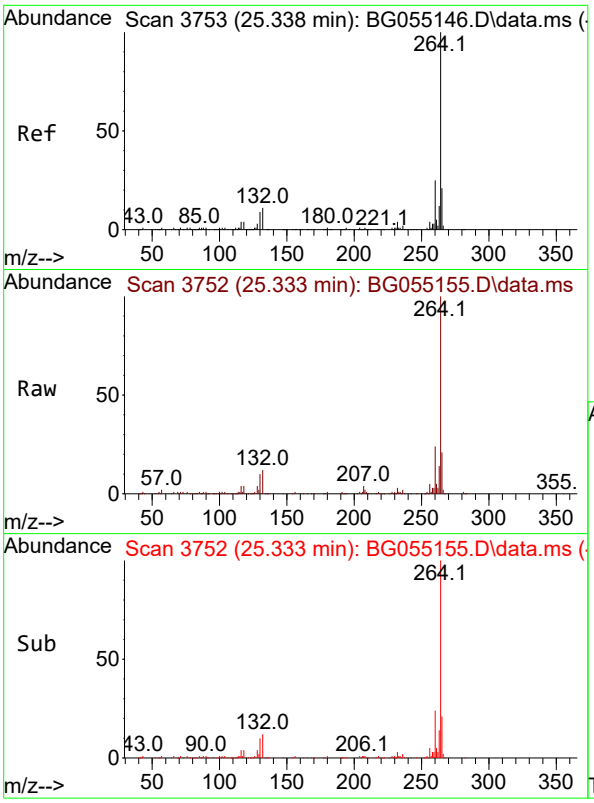


#79
Terphenyl-d14
Concen: 90.747 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Tgt Ion:244 Resp: 1143415

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	8.4	6.6	10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.333 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG055155.D
Acq: 13 Oct 2022 2:46

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:264 Resp: 257181

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.1	30.1
265	21.2	16.8	25.2