Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
Data File : BG056423.D
Acq On : 25 Jan 2023 13:54
Operator : CG/JU
Sample : 01255-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BORING-1

Quant Time: Jan 26 01:11:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	32209	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	122250	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	97003	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	269507	20.000	ng	0.00
76) Chrysene-d12	21.939	240	271460	20.000	ng	# 0.00
86) Perylene-d12	25.370	264	287790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	280240	155.350	ng	0.00
7) Phenol-d6	7.438	99	356323	128.622	ng	0.00
23) Nitrobenzene-d5	9.471	82	213710	89.420	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	222554	181.155	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	703230	100.109	ng	0.00
79) Terphenyl-d14	20.223	244	1672134	110.325	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.465	70	26090	15.487	ng	# 75
51) 2,6-Dinitrotoluene	14.912	165	12633	7.571	ng	# 31
57) 2,4-Dinitrotoluene	14.912	165	12633	5.414	ng	# 28
67) 4-Bromophenyl-phenylether	16.392	248	17010	4.956	ng	# 1
77) Benzidine	20.223	184	23123	2.431	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
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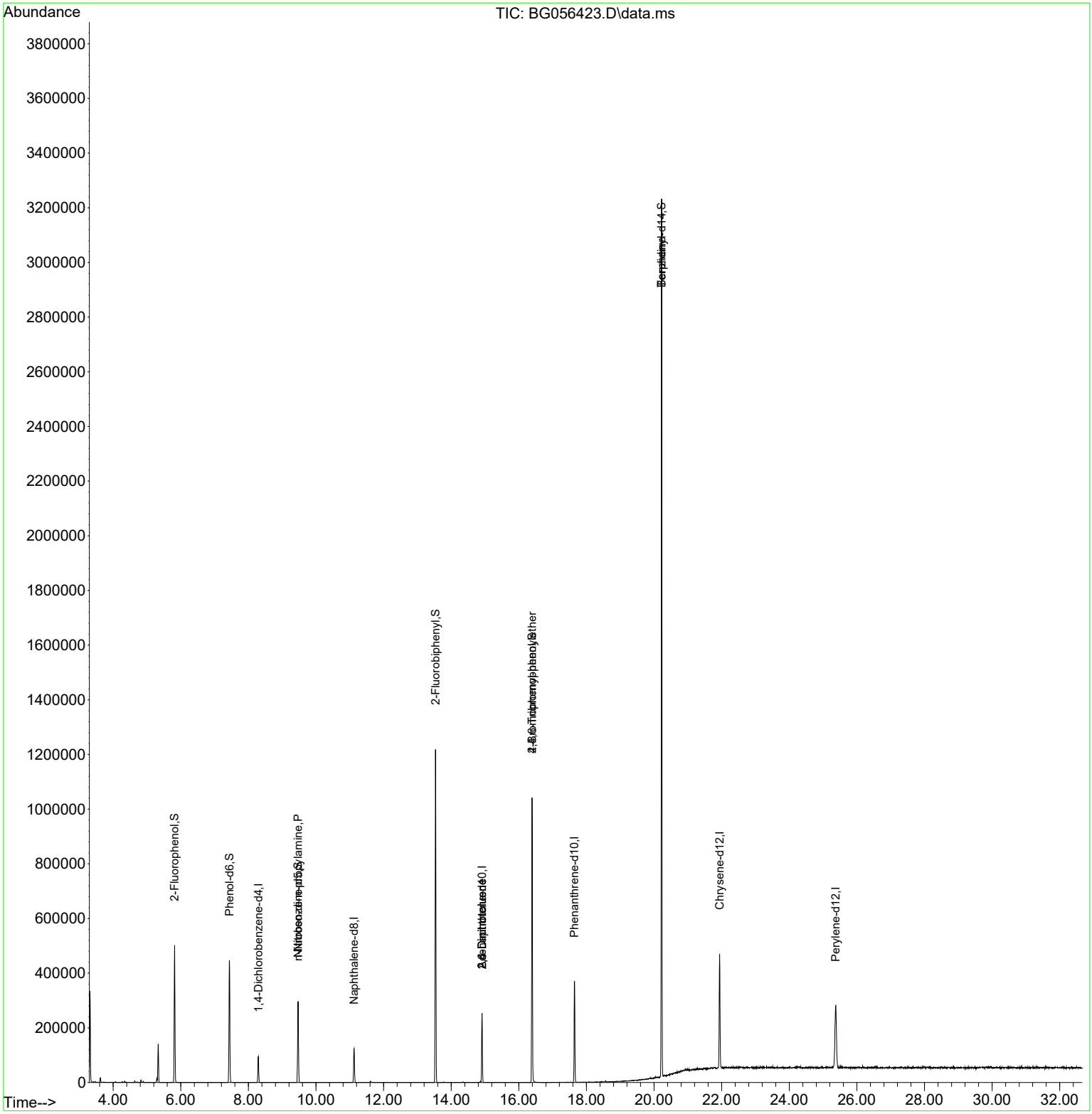
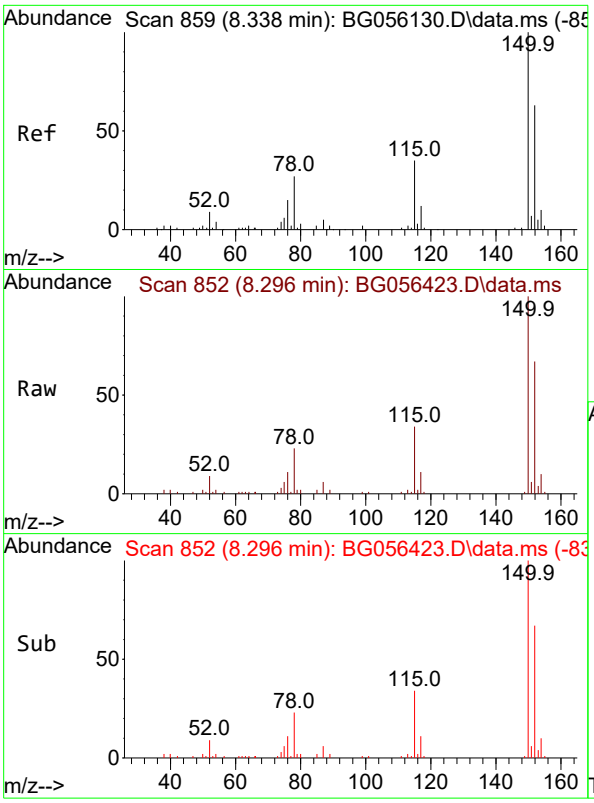


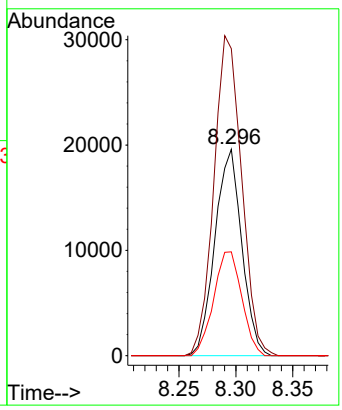


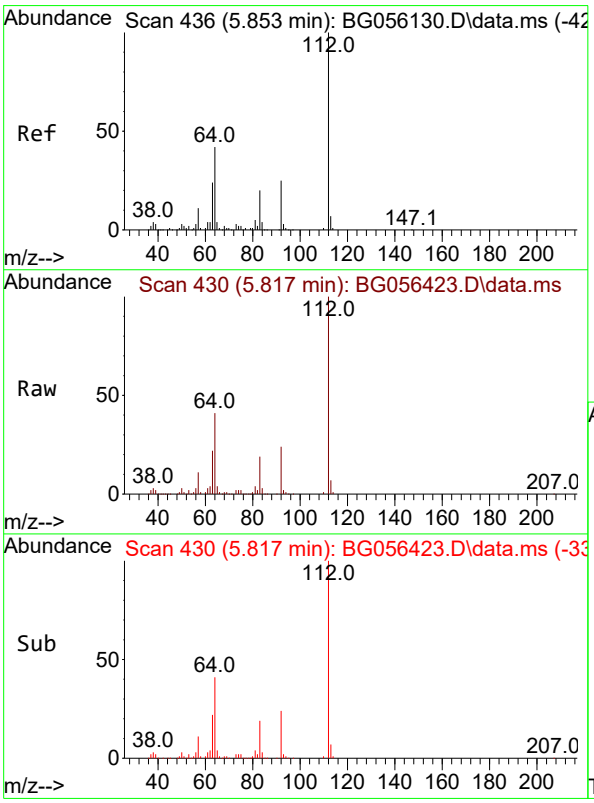
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:152 Resp: 32209

Ion	Ratio	Lower	Upper
152	100		
150	148.8	127.9	191.9
115	50.3	44.2	66.2

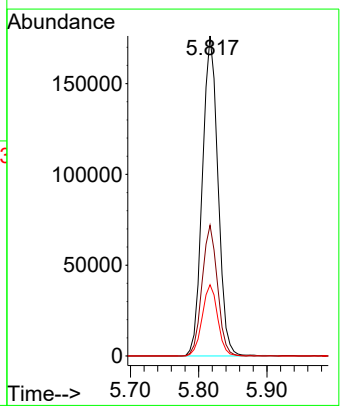


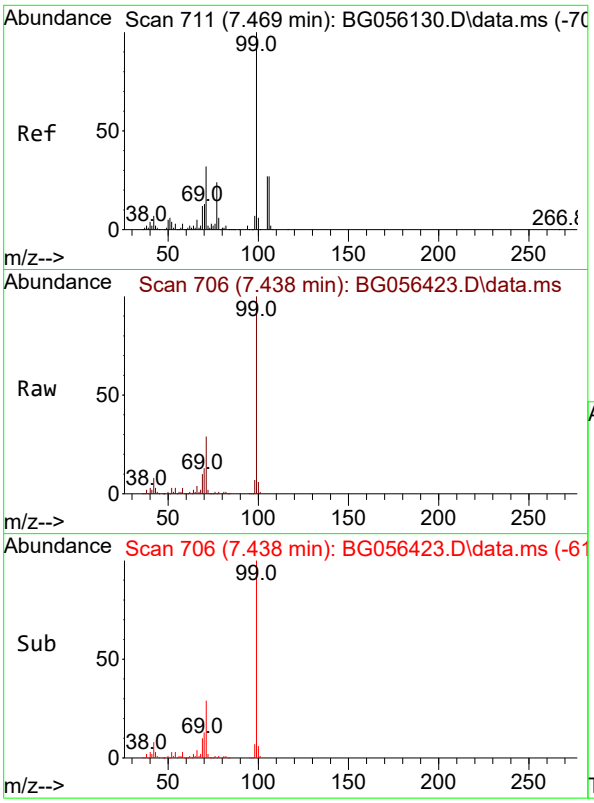


#5
2-Fluorophenol
Concen: 155.350 ng
RT: 5.817 min Scan# 430
Delta R.T. 0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:112 Resp: 280240

Ion	Ratio	Lower	Upper
112	100		
64	40.9	33.3	49.9
63	22.2	19.0	28.4



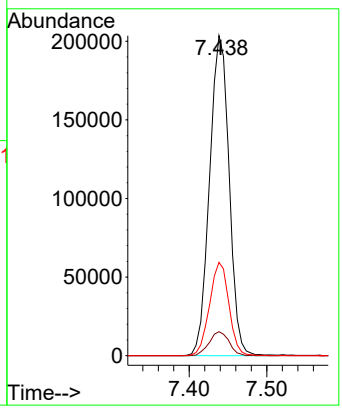


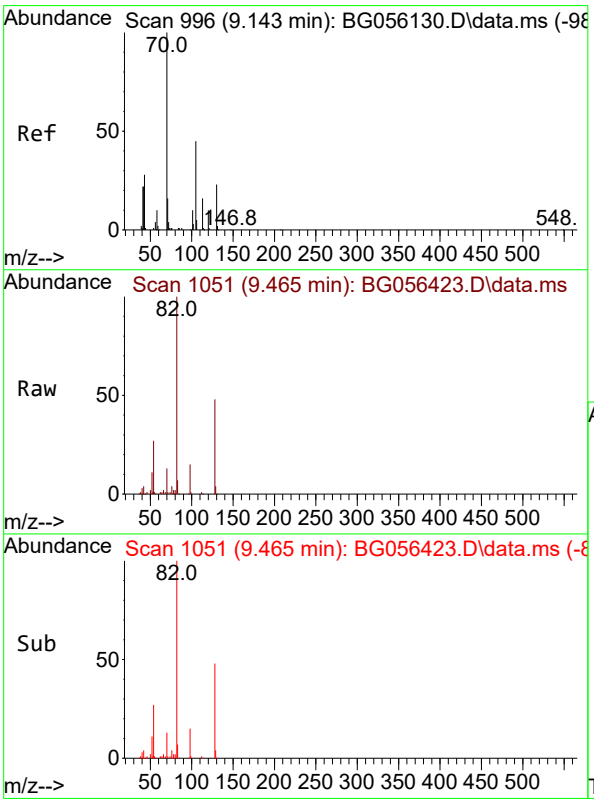
#7
Phenol-d6
Concen: 128.622 ng
RT: 7.438 min Scan# 7(
Delta R.T. 0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion: 99 Resp: 356323

Ion	Ratio	Lower	Upper
99	100		
42	7.5	5.9	8.9
71	29.2	25.4	38.2

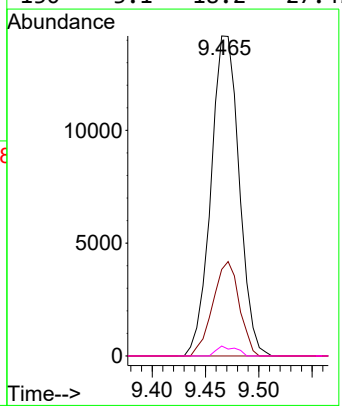


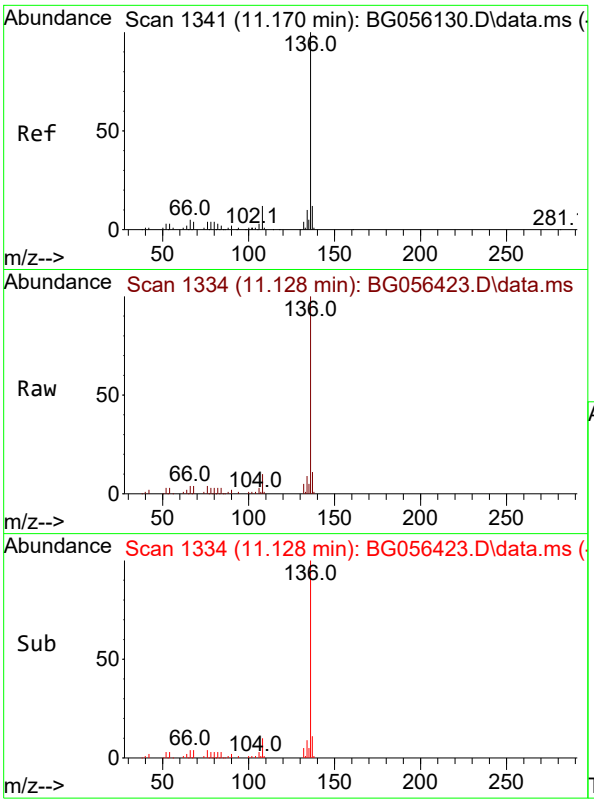


#19
n-Nitroso-di-n-propylamine
Concen: 15.487 ng
RT: 9.465 min Scan# 1051
Delta R.T. 0.367 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion: 70 Resp: 26090

Ion	Ratio	Lower	Upper
70	100		
42	27.1	18.2	27.2
101	0.0	8.3	12.5#
130	3.1	18.2	27.4#



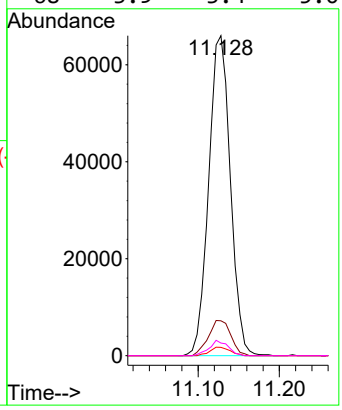


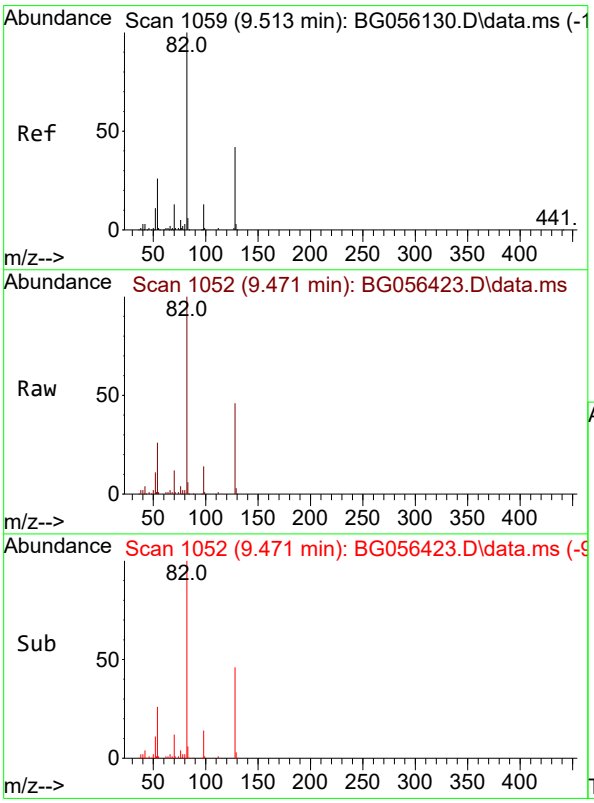
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:136 Resp: 122250

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	2.6	2.2	3.2
68	3.9	3.4	5.0

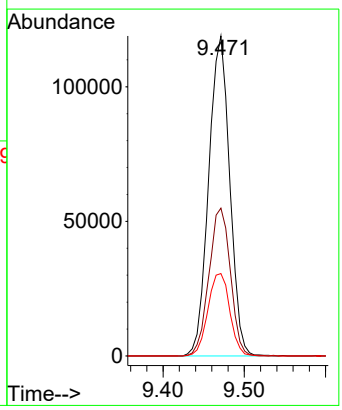


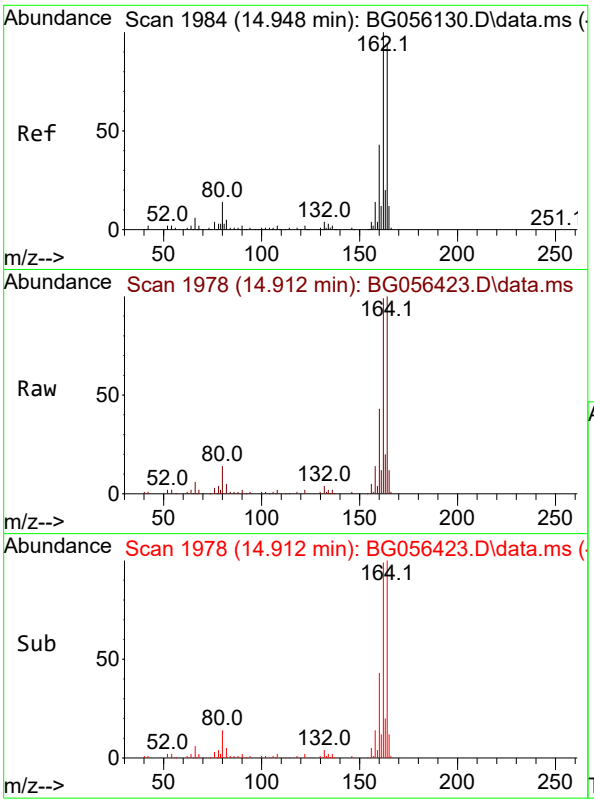


#23
Nitrobenzene-d5
Concen: 89.420 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion: 82 Resp: 213710

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.4	50.2
54	25.7	20.3	30.5



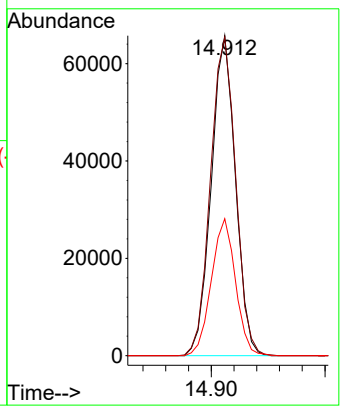


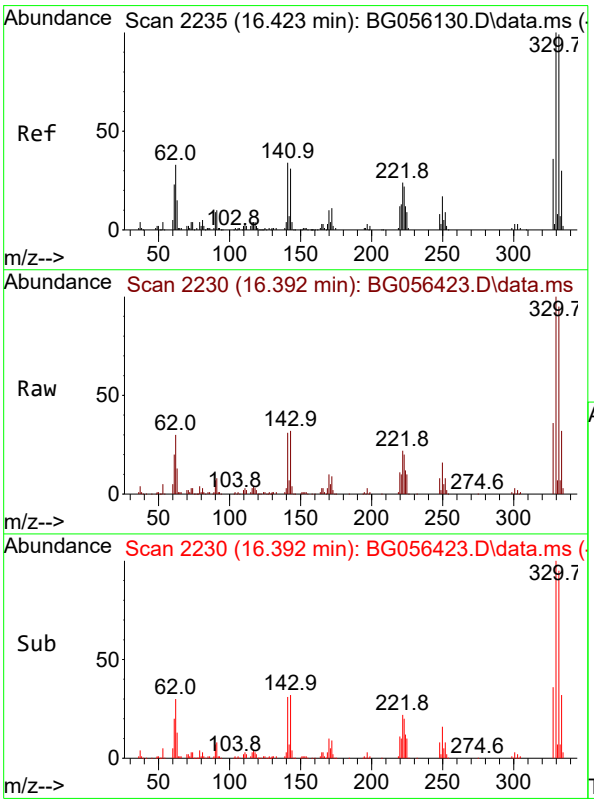
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:164 Resp: 97003

Ion	Ratio	Lower	Upper
164	100		
162	99.5	84.7	127.1
160	42.8	36.3	54.5

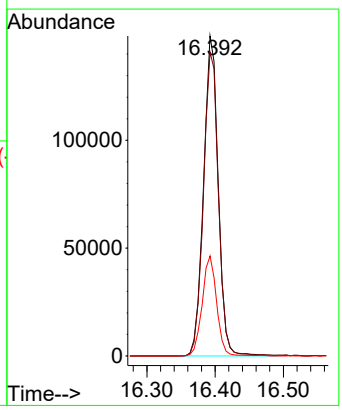


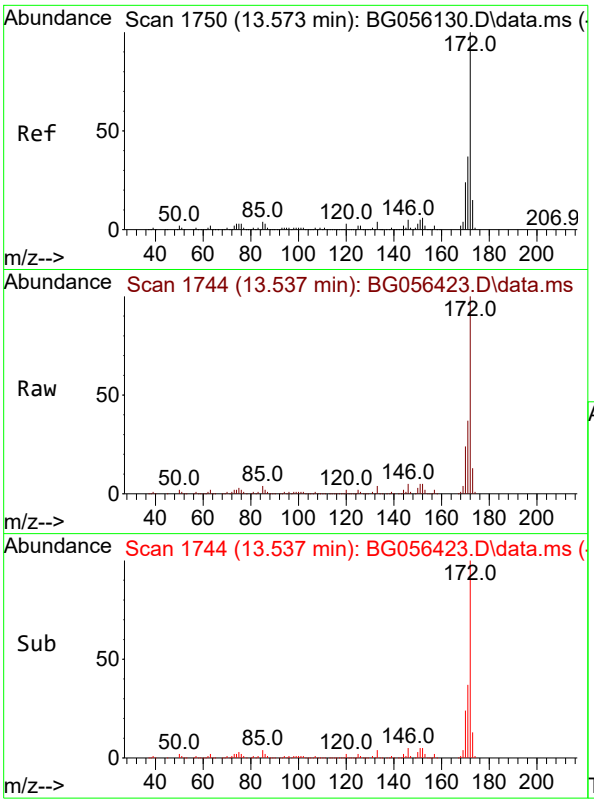


#42
2,4,6-Tribromophenol
Concen: 181.155 ng
RT: 16.392 min Scan# 2230
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:330 Resp: 222554

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	30.6	27.9	41.9



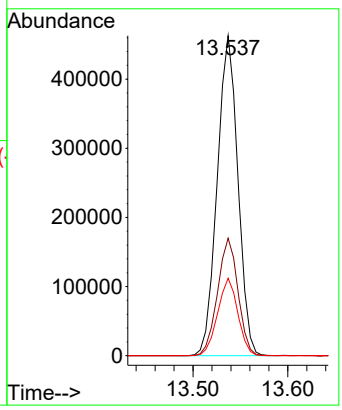


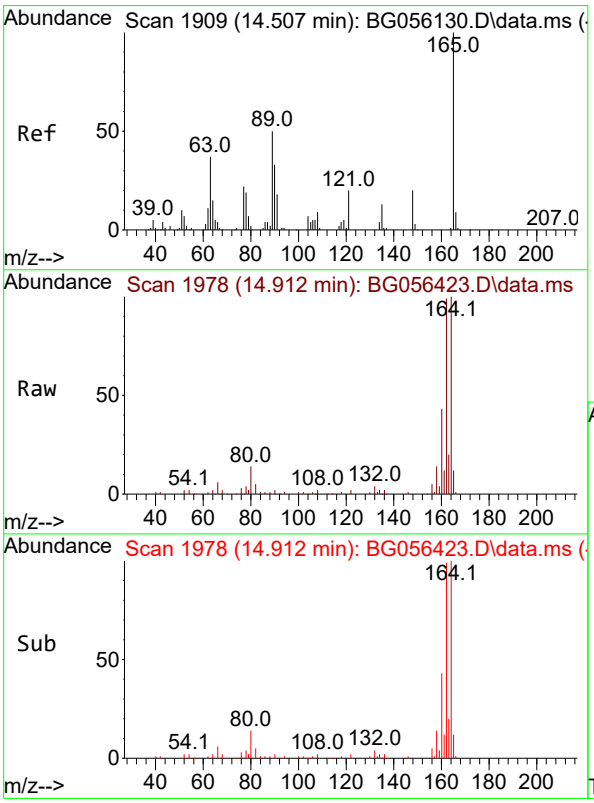
#45
2-Fluorobiphenyl
Concen: 100.109 ng
RT: 13.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:172 Resp: 703230

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.2	19.4	29.2

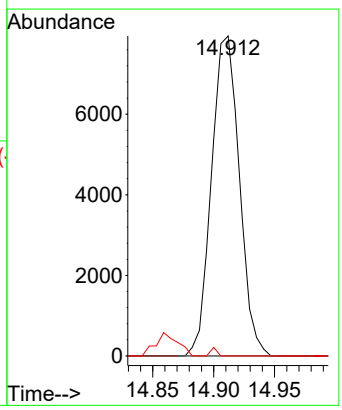


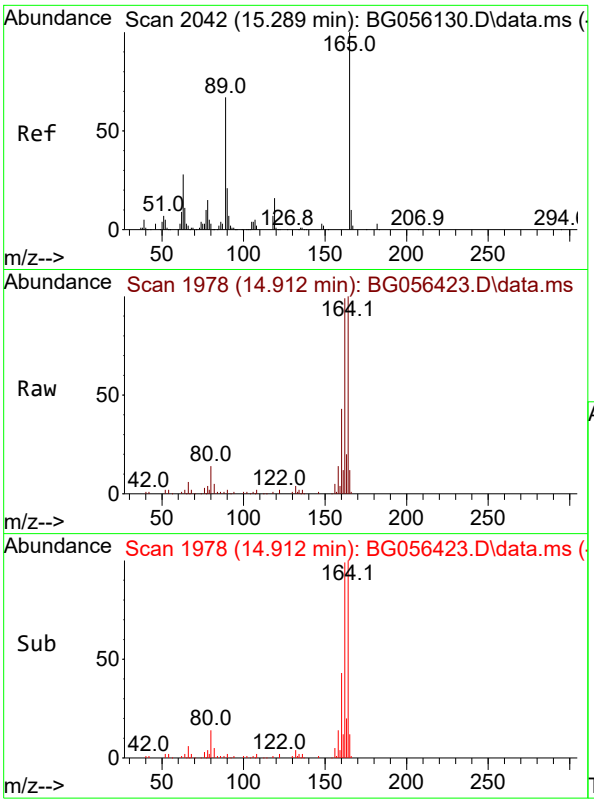


#51
2,6-Dinitrotoluene
Concen: 7.571 ng
RT: 14.912 min Scan# 1978
Delta R.T. 0.432 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:165 Resp: 12633

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	0.0	39.8	59.8#



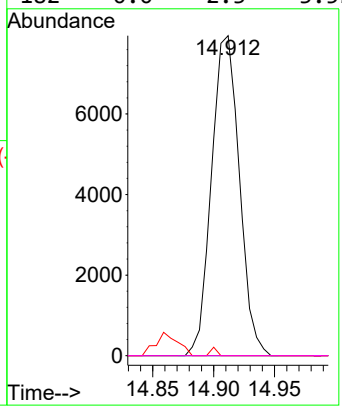


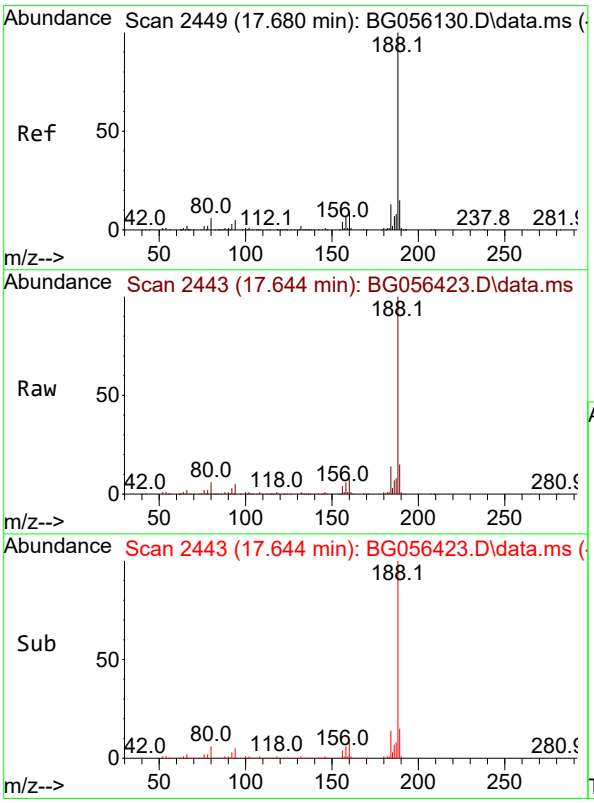
#57
2,4-Dinitrotoluene
Concen: 5.414 ng
RT: 14.912 min Scan# 1
Delta R.T. -0.356 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:165 Resp: 12633

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.6	34.0#
89	0.0	53.2	79.8#
182	0.0	2.3	3.5#

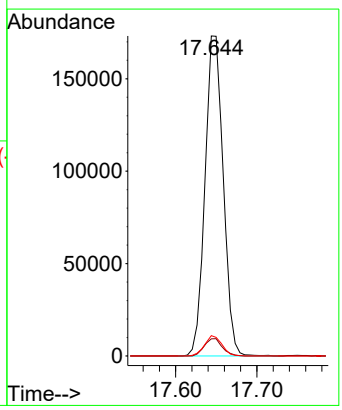


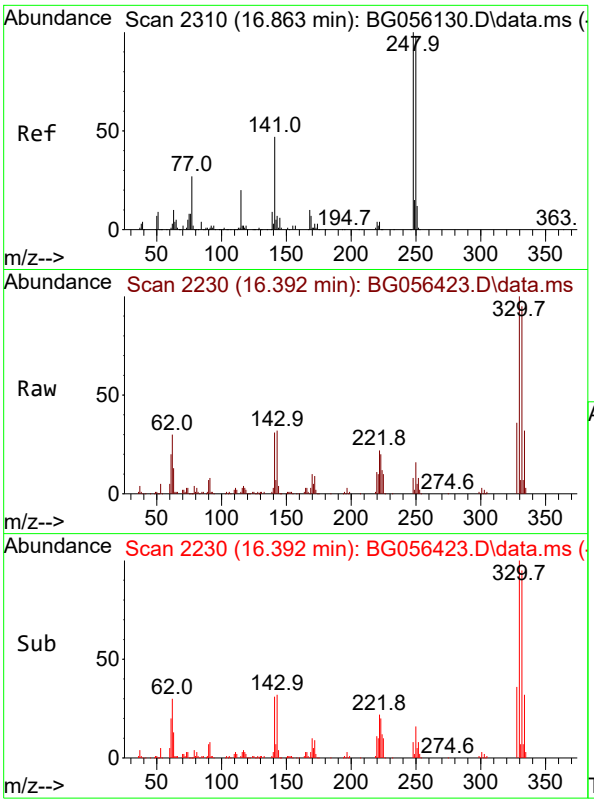


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:188 Resp: 269507

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.2
80	6.4	5.0	7.4



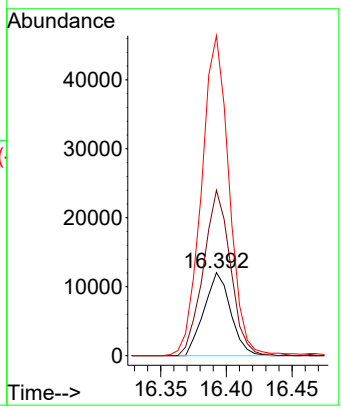


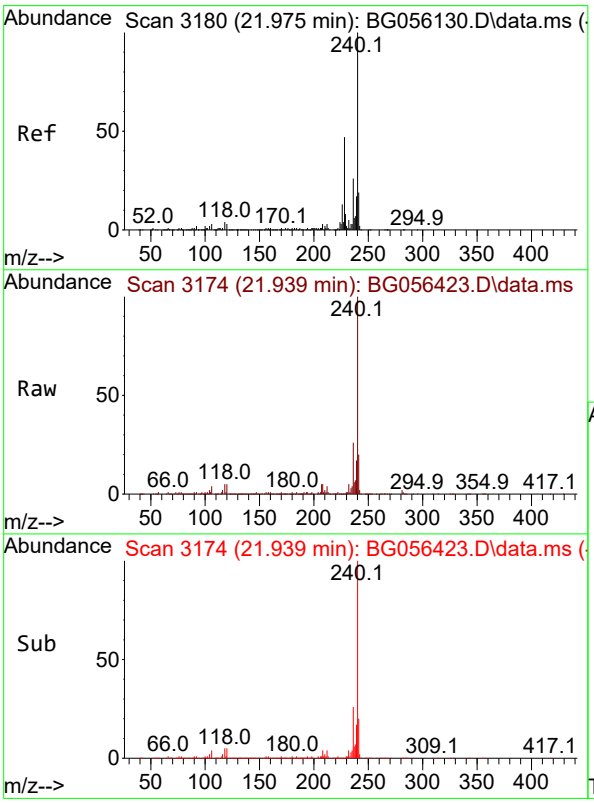
#67
4-Bromophenyl-phenylether
Concen: 4.956 ng
RT: 16.392 min Scan# 2
Delta R.T. -0.438 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:248 Resp: 17010

Ion	Ratio	Lower	Upper
248	100		
250	199.0	78.2	117.4#
141	385.0	37.6	56.4#

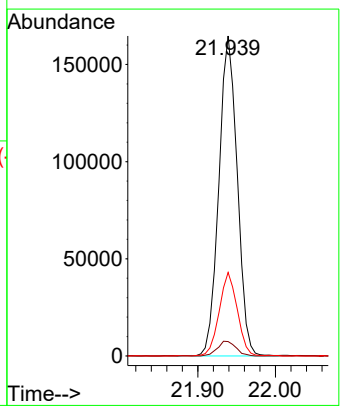


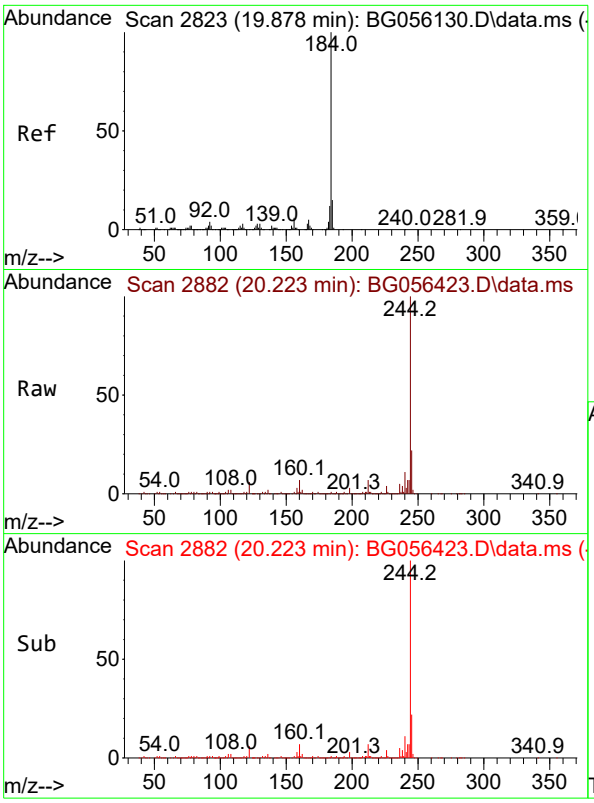


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:240 Resp: 271460

Ion	Ratio	Lower	Upper
240	100		
120	4.5	2.6	4.0#
236	26.1	20.8	31.2



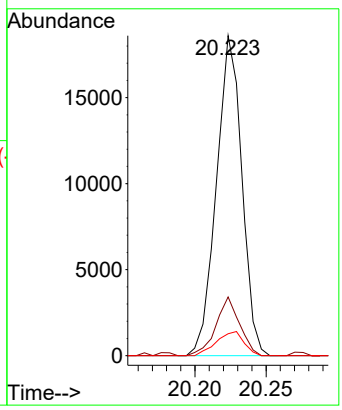


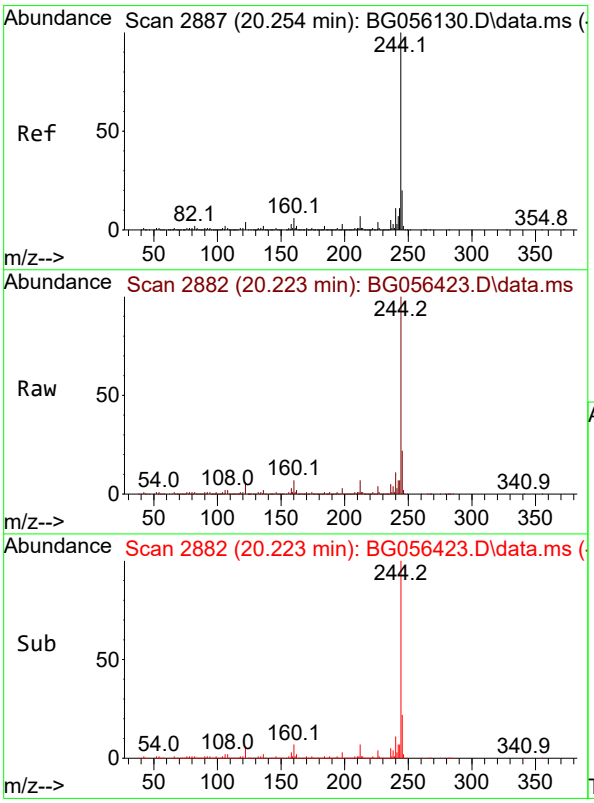
#77
Benzidine
Concen: 2.431 ng
RT: 20.223 min Scan# 2
Delta R.T. 0.373 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:184 Resp: 23123

Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.2	18.2#
183	6.9	9.4	14.0#

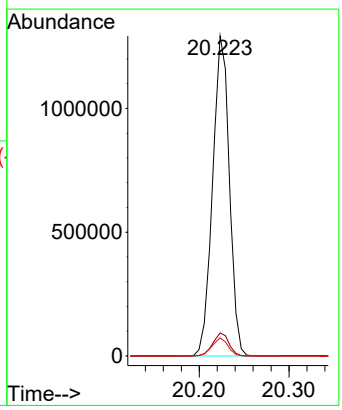


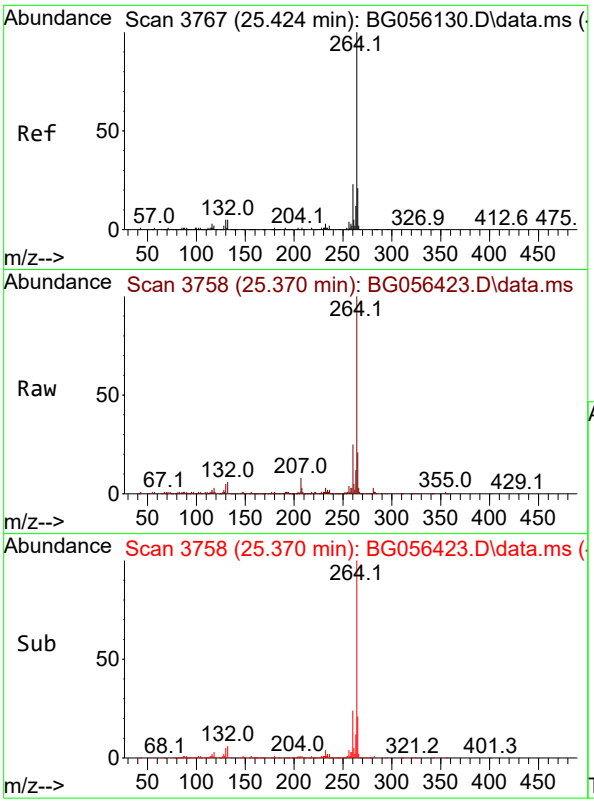


#79
Terphenyl-d14
Concen: 110.325 ng
RT: 20.223 min Scan# 2882
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:244 Resp: 1672134

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	5.6	3.5	5.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.370 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Instrument :
BNA_G
ClientSampleId :
BORING-1

Tgt Ion:264 Resp: 287790

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.2	16.7	25.1