Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055493.D
Acq On : 8 Nov 2022 1:42
Operator : CG/JU
Sample : N5415-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 08 03:56:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	33820	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	148858	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	102097	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	214341	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	203438	20.000	ng	-0.01
86) Perylene-d12	24.974	264	229011	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	217552	115.521	ng	0.00
7) Phenol-d6	7.242	99	287604	110.127	ng	0.00
23) Nitrobenzene-d5	9.257	82	168095	60.182	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	161782	116.170	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	490479	71.228	ng	0.00
79) Terphenyl-d14	20.050	244	740469	70.777	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.257	70	20987	10.284	ng	# 77
51) 2,6-Dinitrotoluene	14.715	165	13441	7.534	ng	# 27
57) 2,4-Dinitrotoluene	14.715	165	13441	5.269	ng	# 25
67) 4-Bromophenyl-phenylether	16.208	248	9670	3.817	ng	# 1
77) Benzidine	20.050	184	9983	2.357	ng	# 93

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

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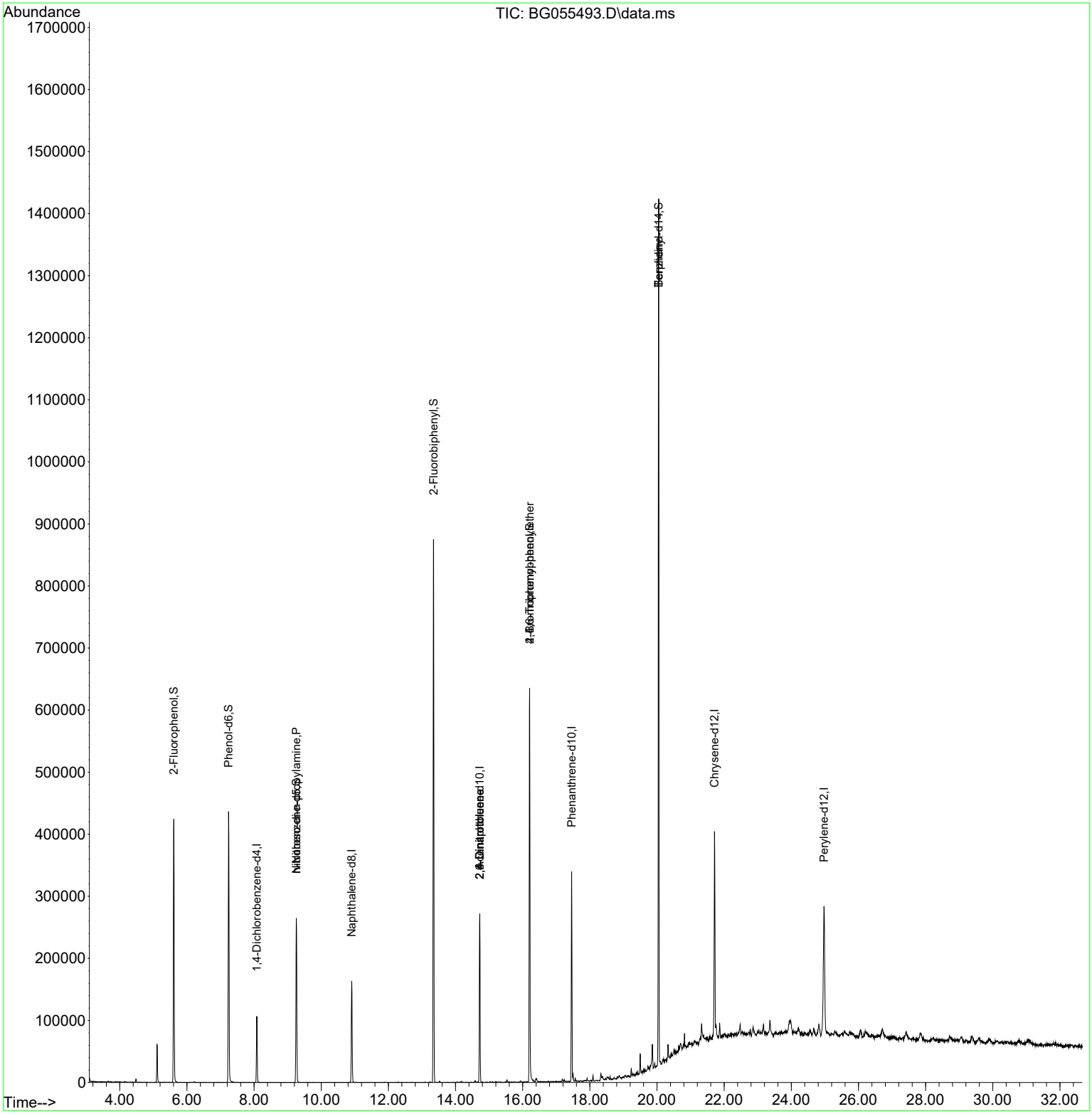
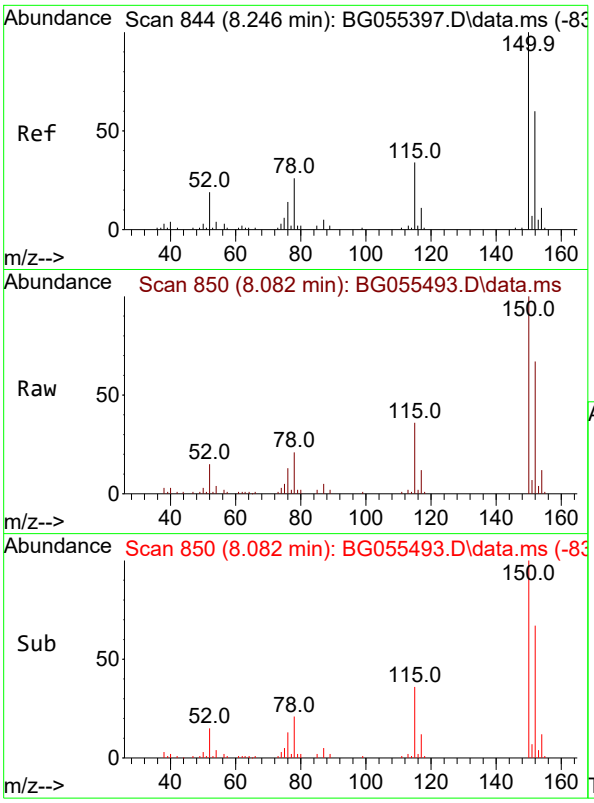


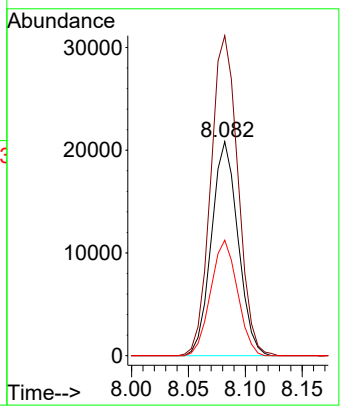


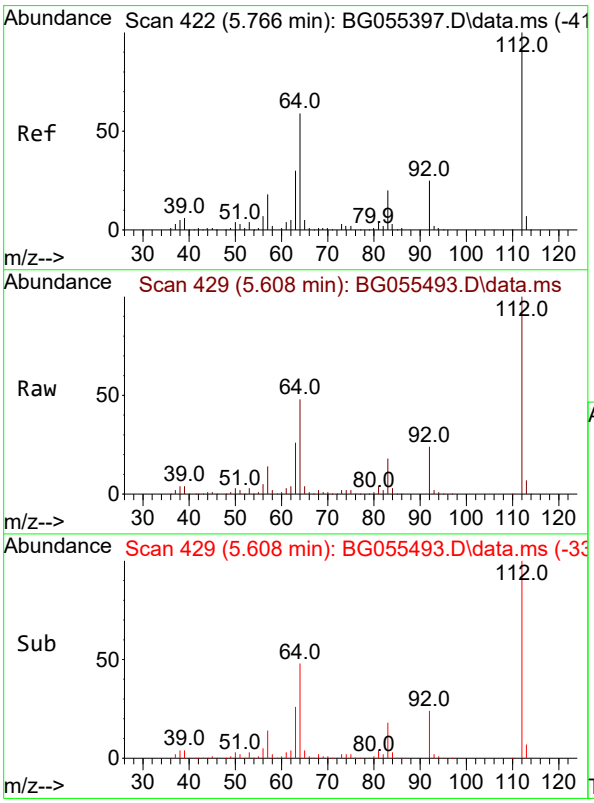
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33820

Ion	Ratio	Lower	Upper
152	100		
150	149.4	132.8	199.2
115	53.9	45.1	67.7

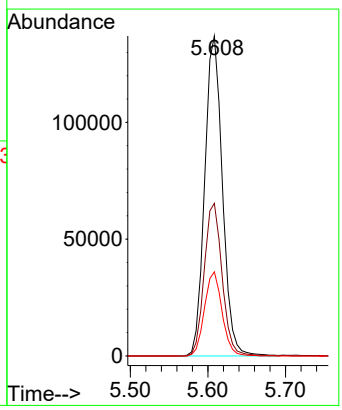


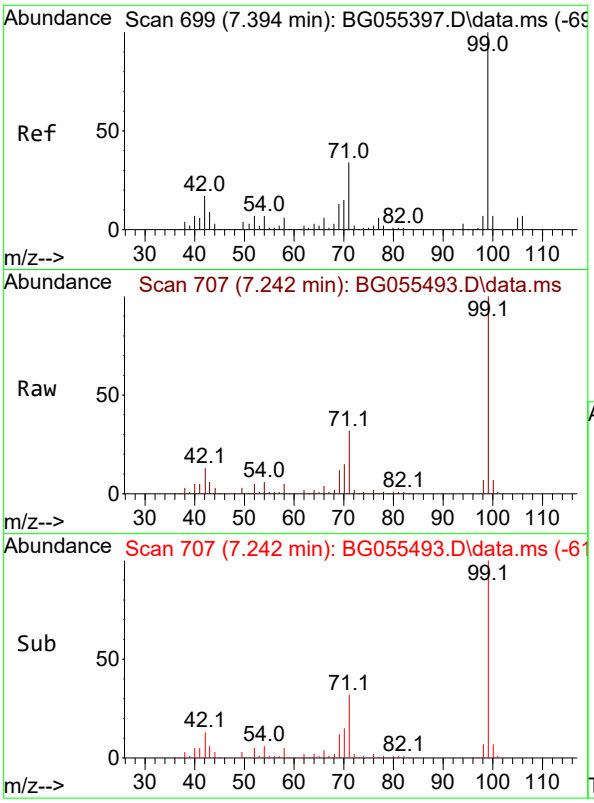


#5
2-Fluorophenol
Concen: 115.521 ng
RT: 5.608 min Scan# 429
Delta R.T. -0.001 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:112 Resp: 217552

Ion	Ratio	Lower	Upper
112	100		
64	47.7	47.2	70.8
63	26.3	24.3	36.5



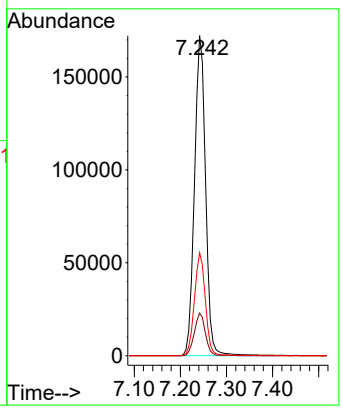


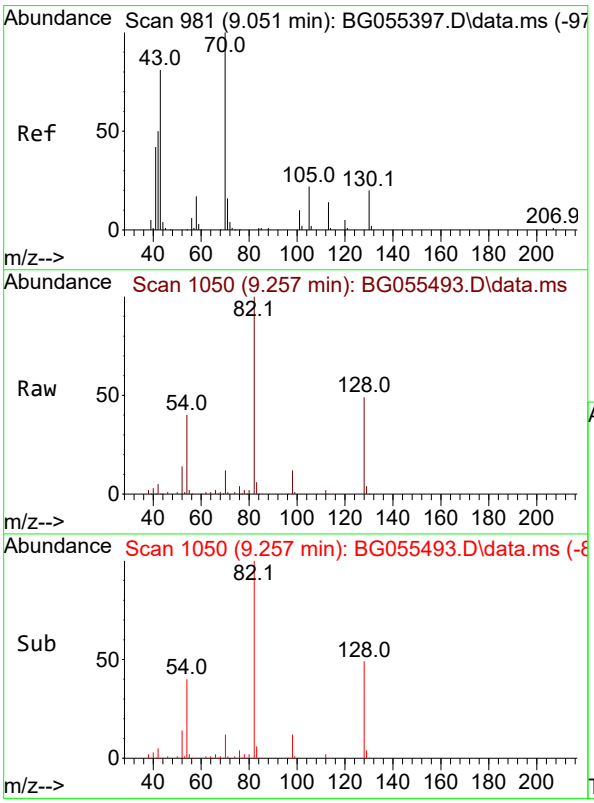
#7
Phenol-d6
Concen: 110.127 ng
RT: 7.242 min Scan# 7
Delta R.T. -0.001 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 287604

Ion	Ratio	Lower	Upper
99	100		
42	13.3	13.5	20.3#
71	32.1	27.4	41.0

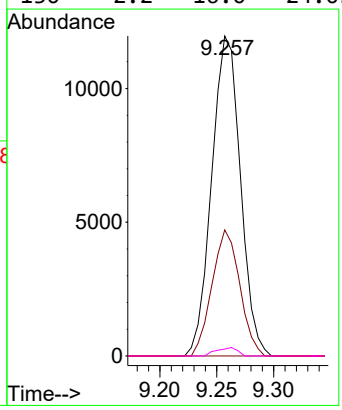


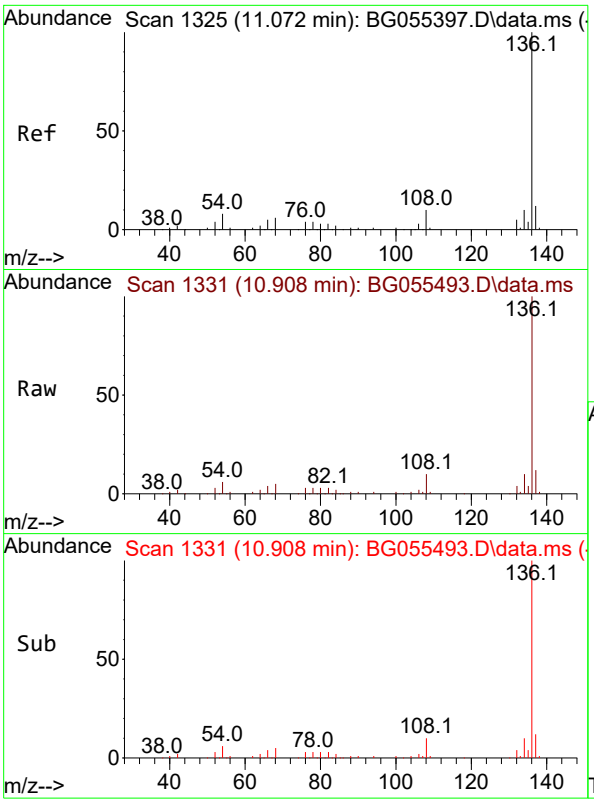


#19
n-Nitroso-di-n-propylamine
Concen: 10.284 ng
RT: 9.257 min Scan# 1050
Delta R.T. 0.358 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion: 70 Resp: 20987

Ion	Ratio	Lower	Upper
70	100		
42	39.4	40.6	61.0#
101	0.0	7.8	11.6#
130	2.2	16.0	24.0#



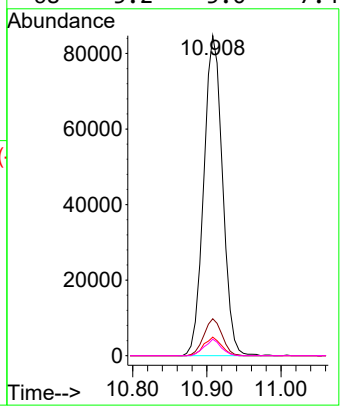


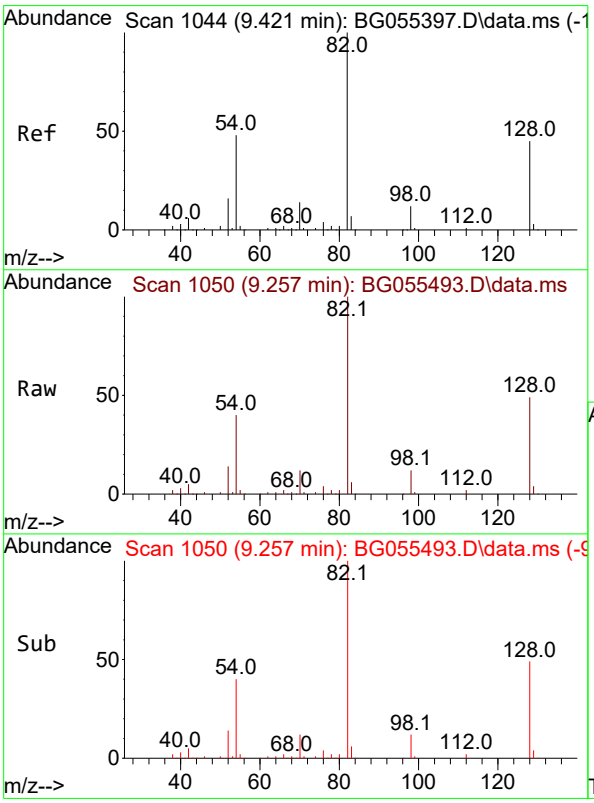
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 148858

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	5.8	6.1	9.1#
68	5.2	5.0	7.4

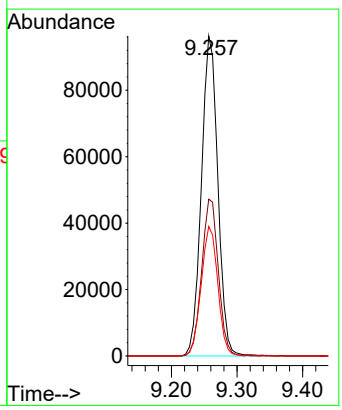


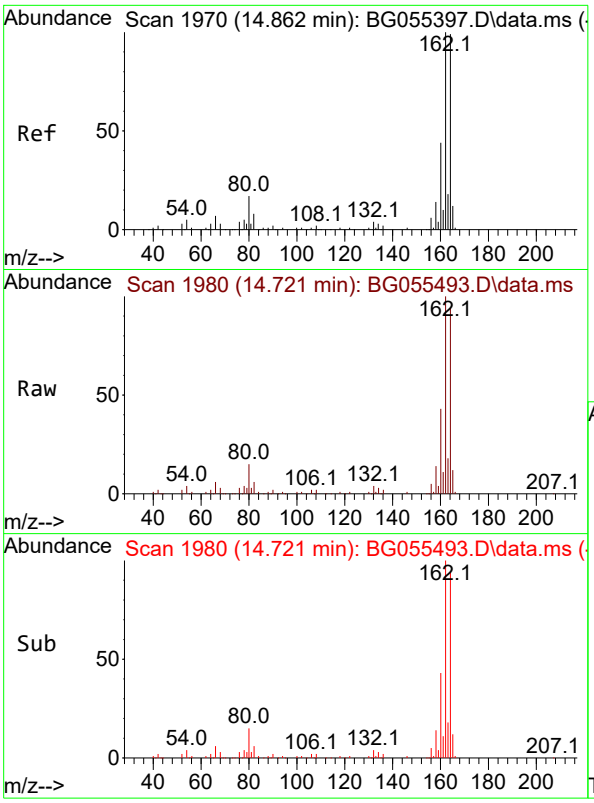


#23
Nitrobenzene-d5
Concen: 60.182 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion: 82 Resp: 168095

Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.8	53.8
54	40.4	38.1	57.1



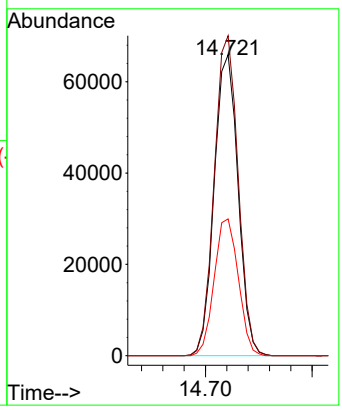


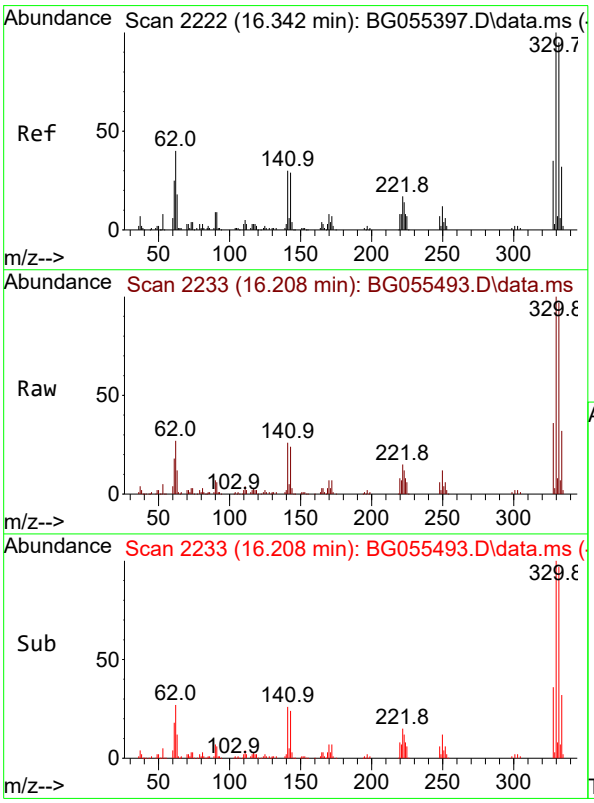
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.721 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 102097

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.1	121.7
160	45.5	35.8	53.6

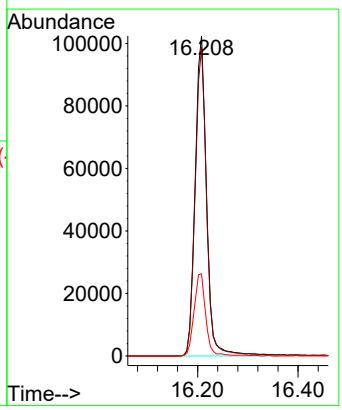


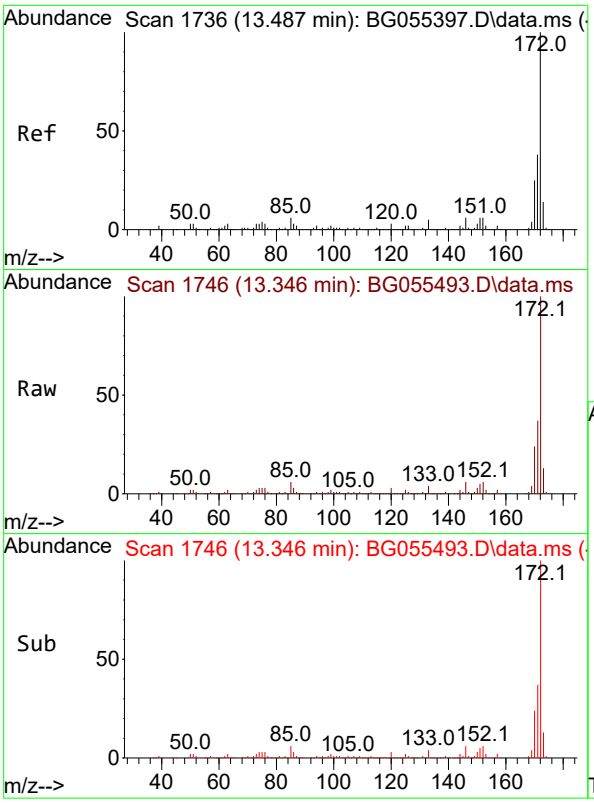


#42
2,4,6-Tribromophenol
Concen: 116.170 ng
RT: 16.208 min Scan# 2233
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:330 Resp: 161782

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.6
141	26.3	24.2	36.2



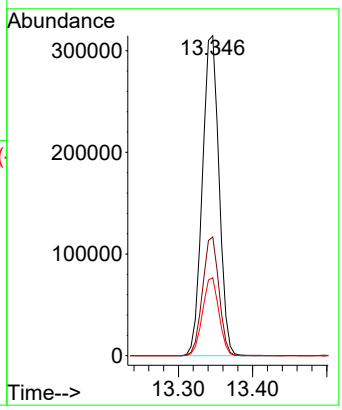


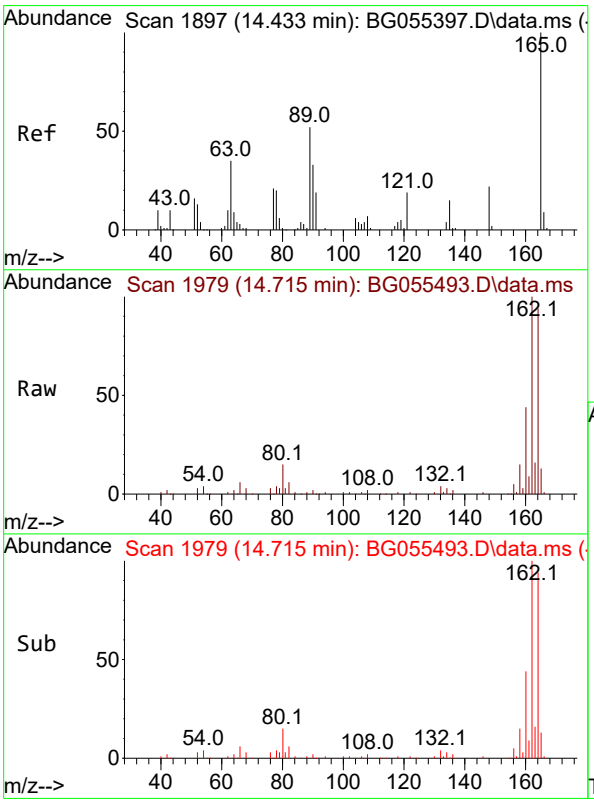
#45
2-Fluorobiphenyl
Concen: 71.228 ng
RT: 13.346 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 490479

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.2	45.2
170	24.4	20.2	30.2

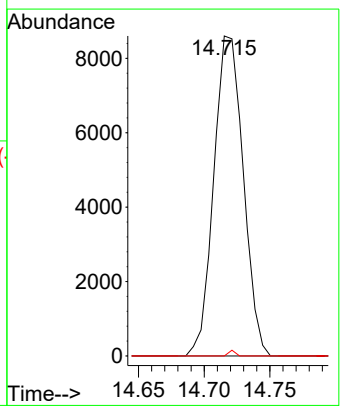


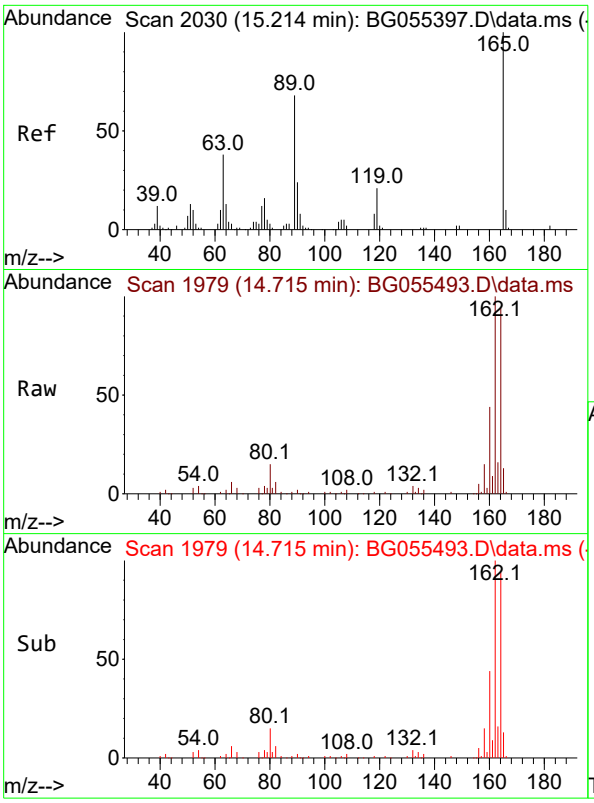


#51
2,6-Dinitrotoluene
Concen: 7.534 ng
RT: 14.715 min Scan# 1979
Delta R.T. 0.416 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:165 Resp: 13441

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.4#
89	0.0	41.8	62.6#



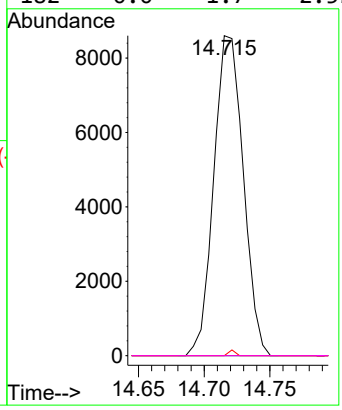


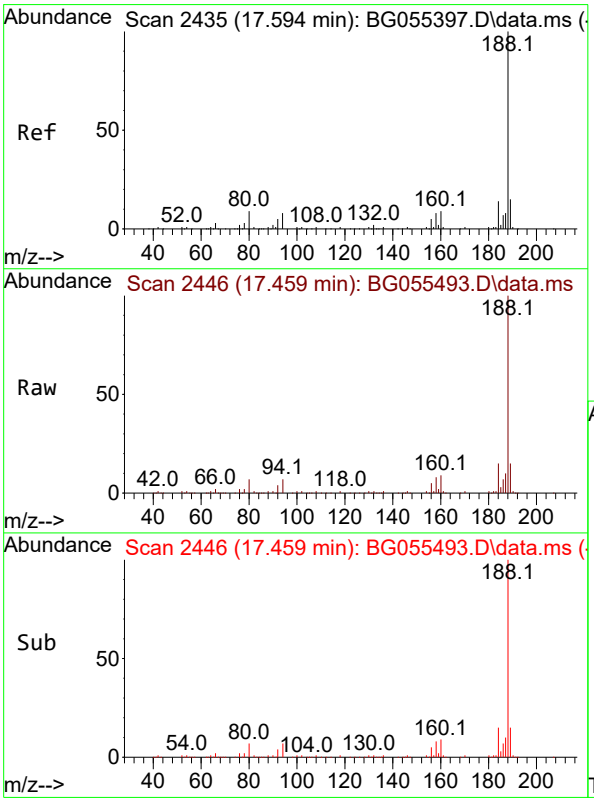
#57
2,4-Dinitrotoluene
Concen: 5.269 ng
RT: 14.715 min Scan# 1
Delta R.T. -0.377 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13441

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.8	46.2#
89	0.0	54.5	81.7#
182	0.0	1.7	2.5#

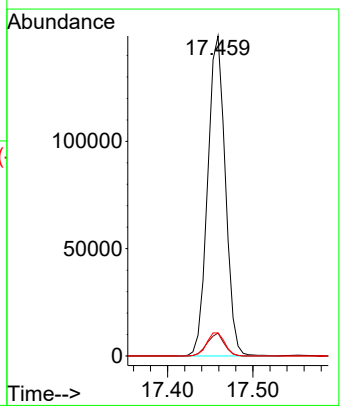


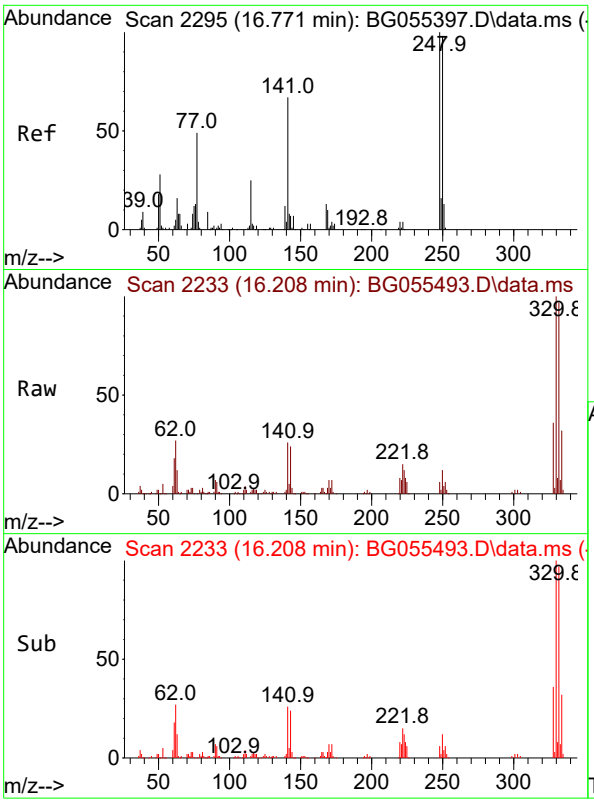


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:188 Resp: 214341

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.5	9.7
80	7.2	7.4	11.0#



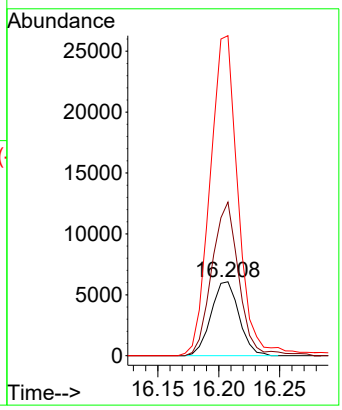


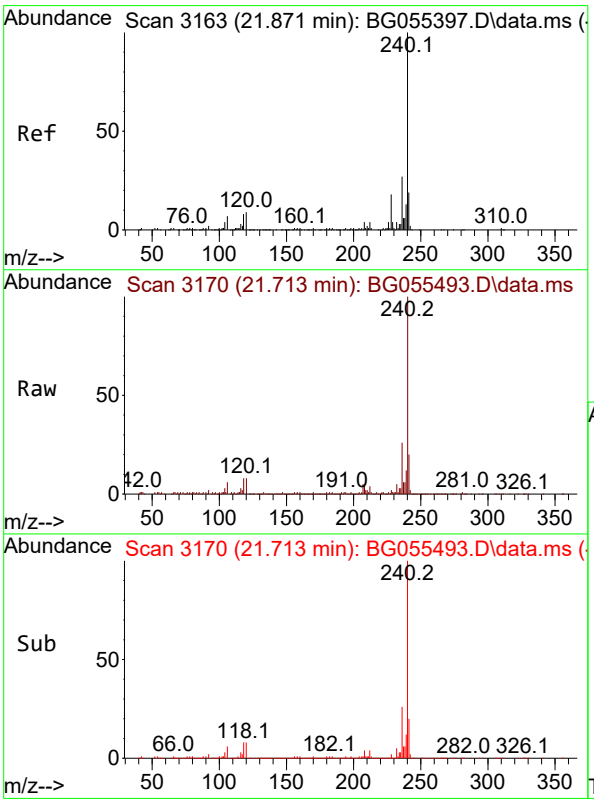
#67
4-Bromophenyl-phenylether
Concen: 3.817 ng
RT: 16.208 min Scan# 2
Delta R.T. -0.435 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9670

Ion	Ratio	Lower	Upper
248	100		
250	207.9	78.3	117.5#
141	433.0	53.7	80.5#

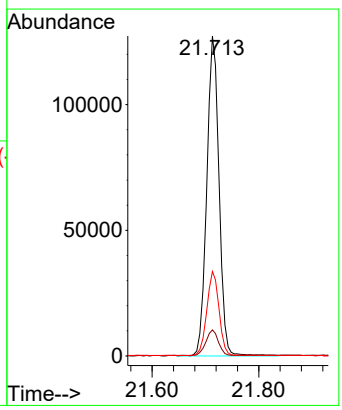


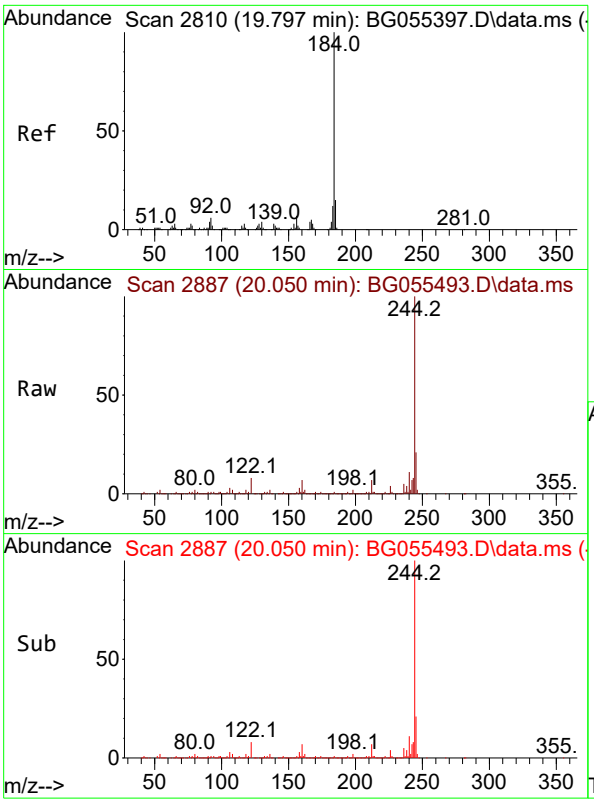


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.012 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:240 Resp: 203438

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.4	21.5	32.3



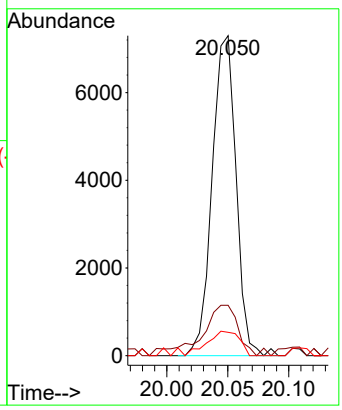


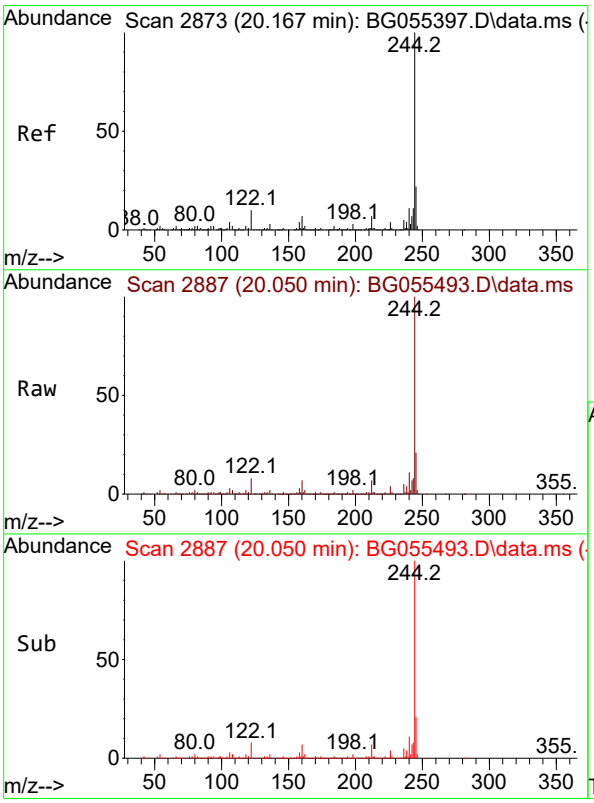
#77
Benzidine
Concen: 2.357 ng
RT: 20.050 min Scan# 2
Delta R.T. 0.369 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 9983

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.7	17.5
183	7.3	9.8	14.8#

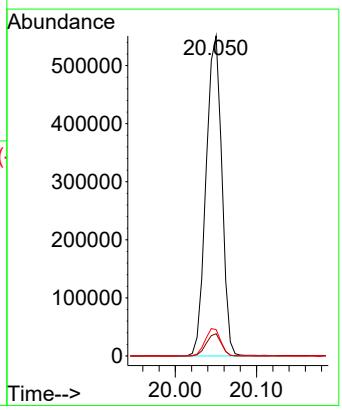


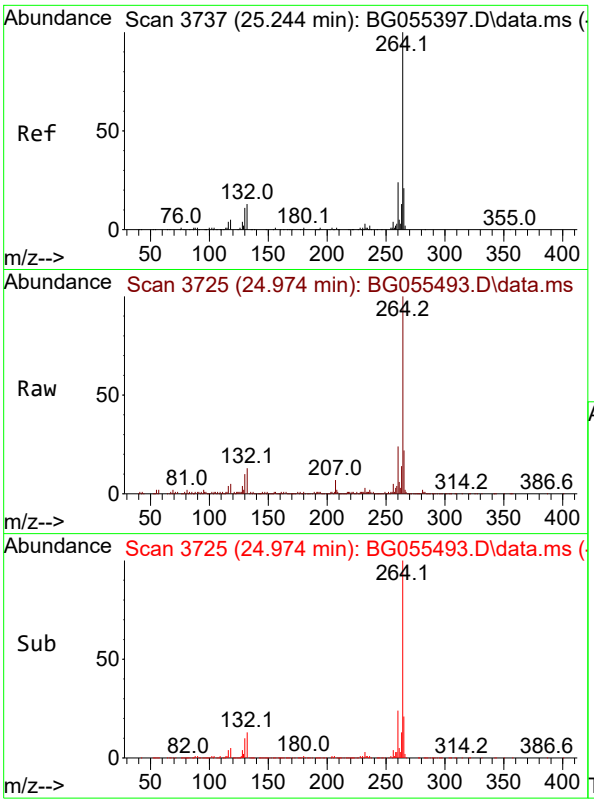


#79
Terphenyl-d14
Concen: 70.777 ng
RT: 20.050 min Scan# 2887
Delta R.T. -0.001 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:244 Resp: 740469

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	8.3	7.8	11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 229011

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.6	17.1	25.7