Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053263.D
Acq On : 22 Apr 2022 16:18
Operator : CG/JU
Sample : N2487-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Quant Time: Apr 24 01:15:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	23874	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	96811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.734	164	76327	20.000	ng	0.00
64) Phenanthrene-d10	17.478	188	195401	20.000	ng	0.00
76) Chrysene-d12	21.760	240	204189	20.000	ng	0.00
86) Perylene-d12	25.056	264	205887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	147819	106.136	ng	0.00
7) Phenol-d6	7.268	99	217457	101.249	ng	0.00
23) Nitrobenzene-d5	9.271	82	152828	64.097	ng	0.00
42) 2,4,6-Tribromophenol	16.221	330	127645	105.115	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	340714	61.553	ng	0.00
79) Terphenyl-d14	20.080	244	712623	58.943	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	20966	13.334	ng	# 81
51) 2,6-Dinitrotoluene	14.734	165	9729	7.639	ng	# 25
57) 2,4-Dinitrotoluene	14.734	165	9729	5.366	ng	# 24
67) 4-Bromophenyl-phenylether	16.215	248	8171	3.263	ng	# 1
77) Benzidine	20.080	184	11937	2.049	ng	# 92

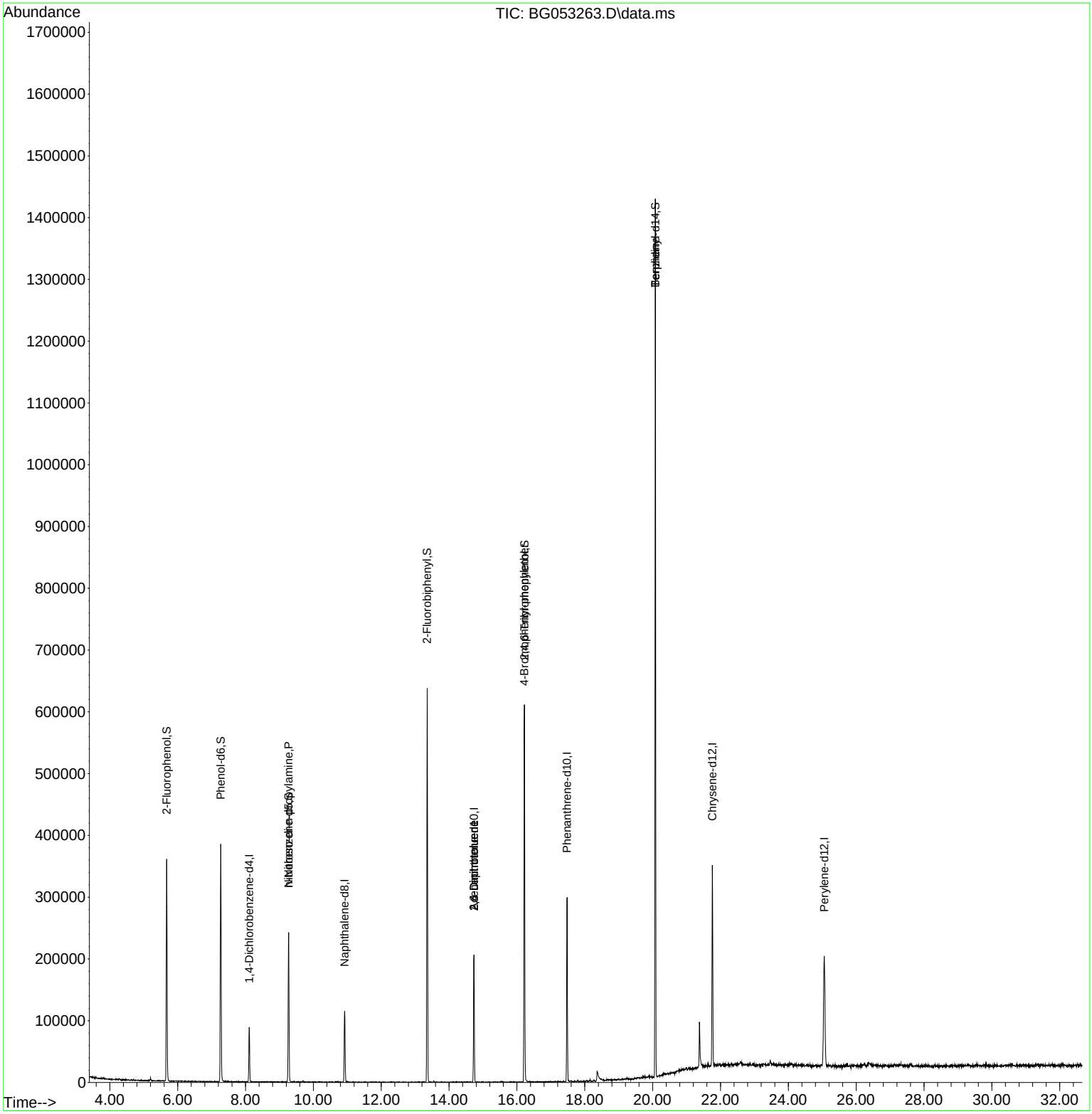
(#) = qualifier out of range (m) = manual integration (+) = signals summed

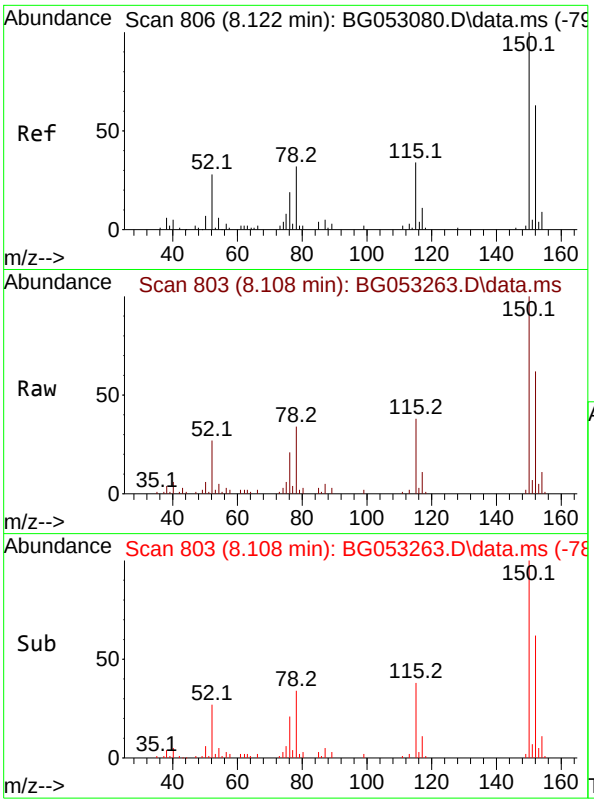
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053263.D
Acq On : 22 Apr 2022 16:18
Operator : CG/JU
Sample : N2487-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Quant Time: Apr 24 01:15:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration



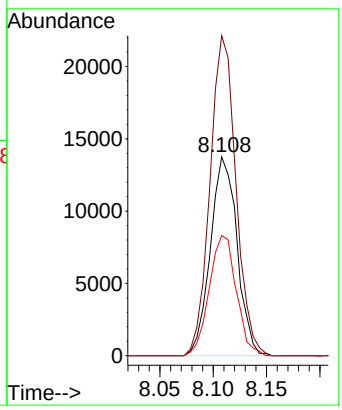


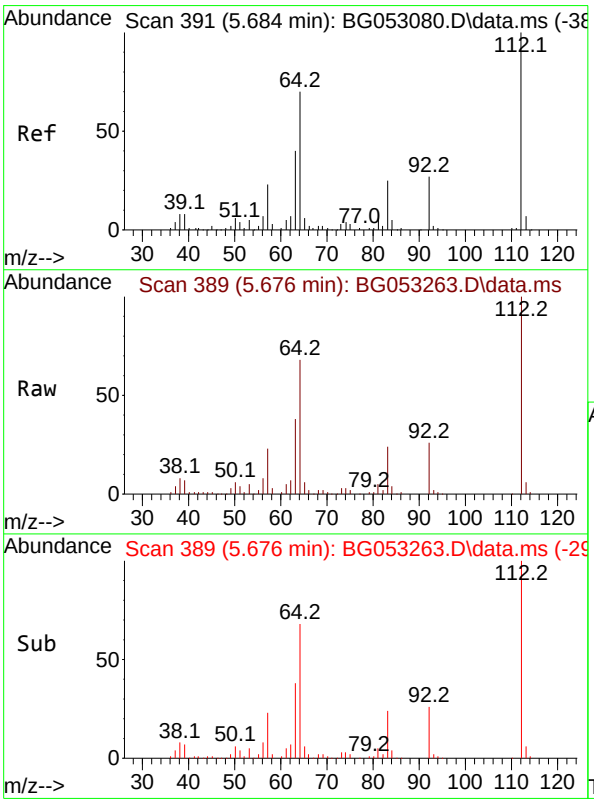
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 8(
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:152 Resp: 23874

Ion	Ratio	Lower	Upper
152	100		
150	161.0	114.6	172.0
115	60.5	45.9	68.9

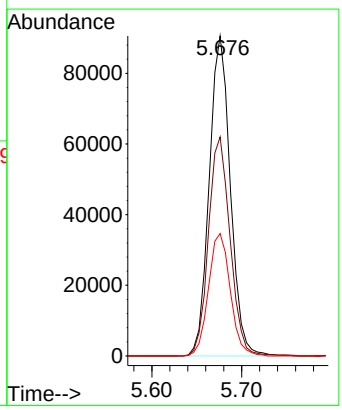


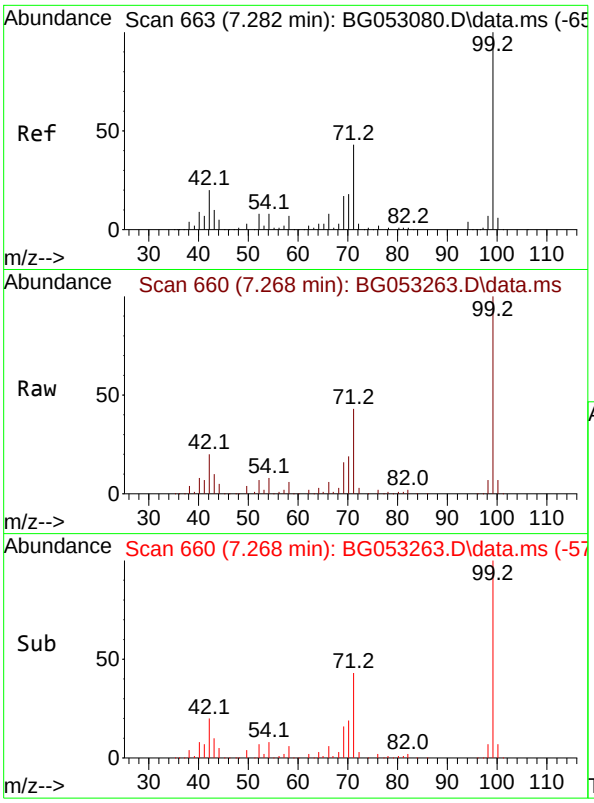


#5
2-Fluorophenol
Concen: 106.136 ng
RT: 5.676 min Scan# 389
Delta R.T. 0.000 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:112 Resp: 147819

Ion	Ratio	Lower	Upper
112	100		
64	68.5	48.0	72.0
63	38.2	26.5	39.7



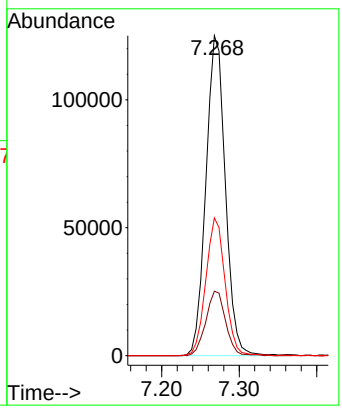


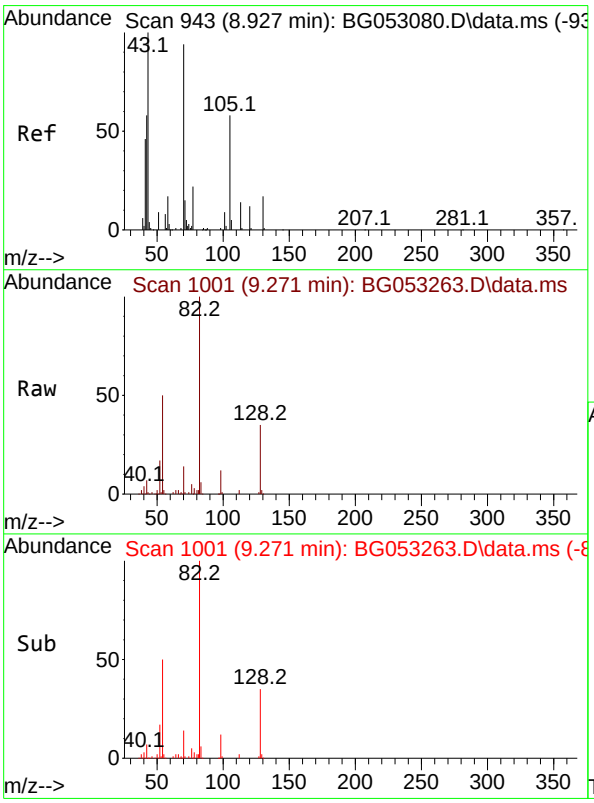
#7
Phenol-d6
Concen: 101.249 ng
RT: 7.268 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion: 99 Resp: 217457

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.7	22.1
71	43.0	29.2	43.8

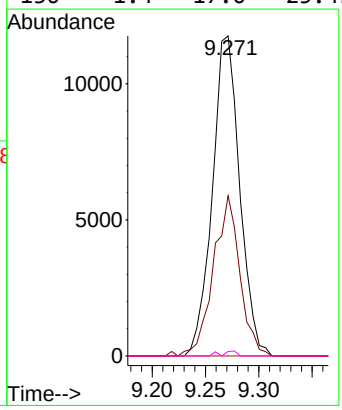


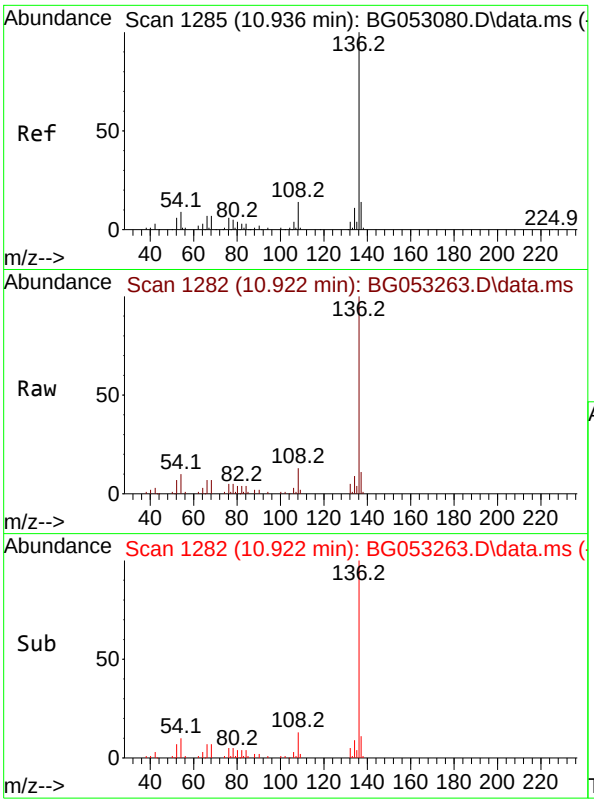


#19
n-Nitroso-di-n-propylamine
Concen: 13.334 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.359 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion: 70 Resp: 20966

Ion	Ratio	Lower	Upper
70	100		
42	50.1	46.0	69.0
101	0.0	6.2	9.4#
130	1.4	17.0	25.4#



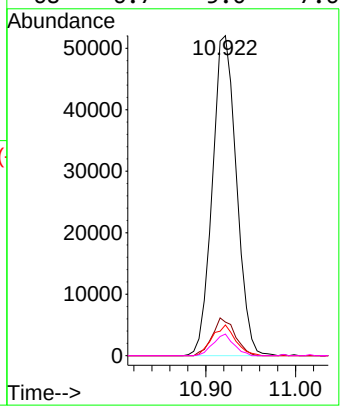


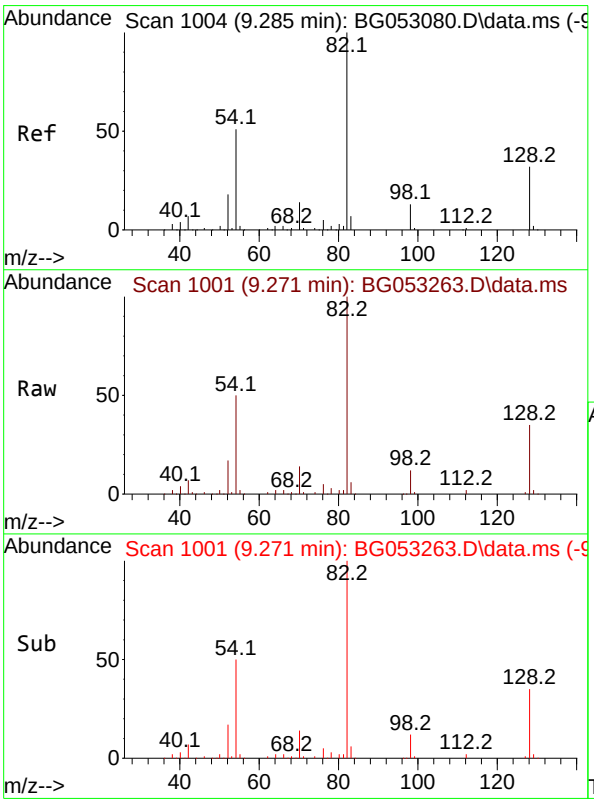
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:136 Resp: 96811

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.2
54	9.6	6.4	9.6#
68	6.7	5.0	7.6

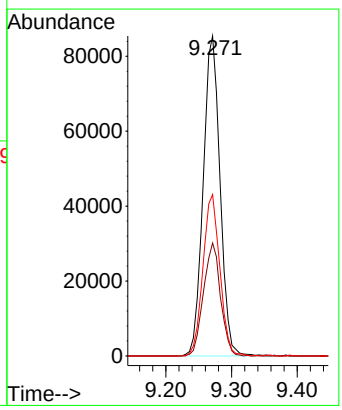


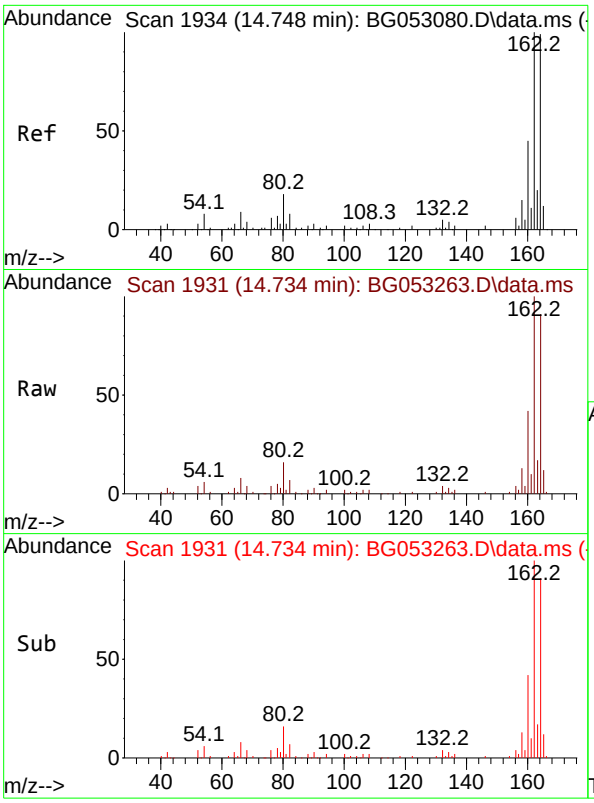


#23
Nitrobenzene-d5
Concen: 64.097 ng
RT: 9.271 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion: 82 Resp: 152828

Ion	Ratio	Lower	Upper
82	100		
128	35.3	31.3	46.9
54	50.4	37.8	56.8



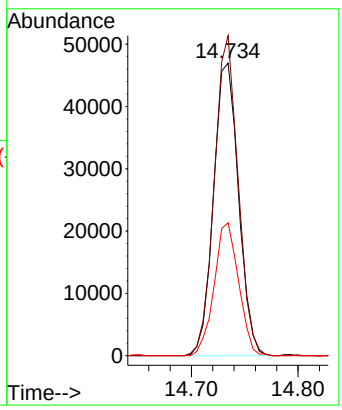


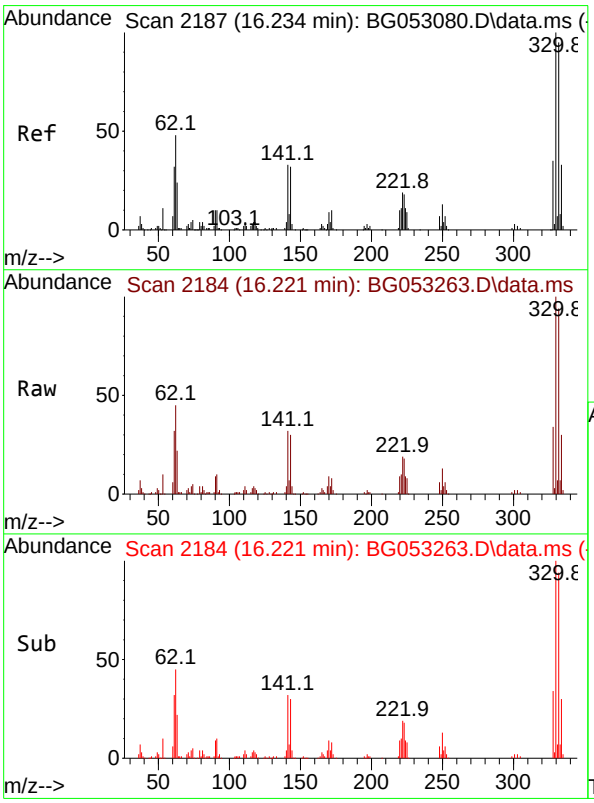
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:164 Resp: 76327

Ion	Ratio	Lower	Upper
164	100		
162	109.4	80.0	120.0
160	45.4	38.8	58.2

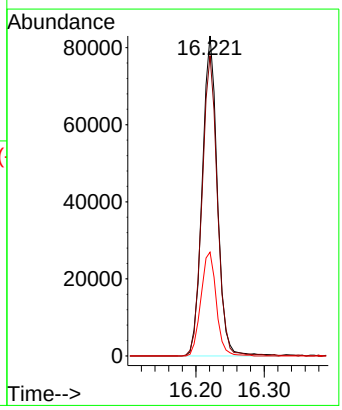


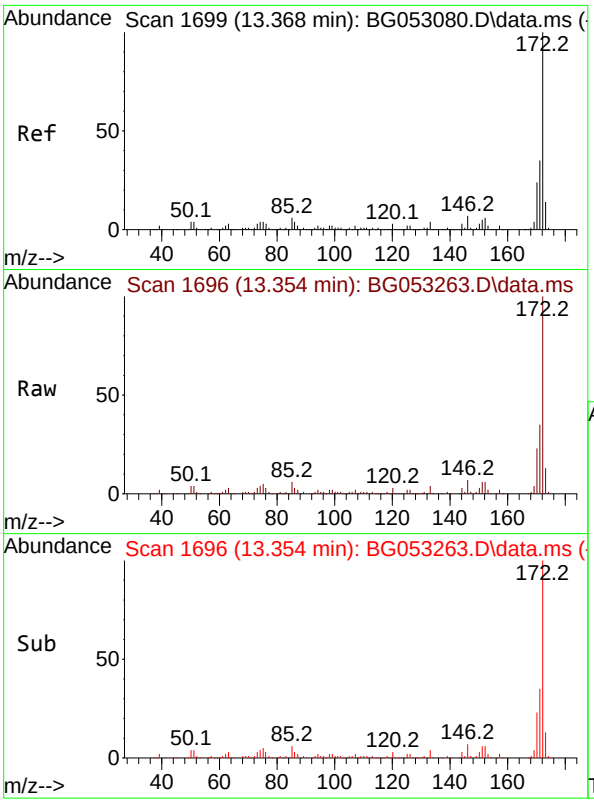


#42
2,4,6-Tribromophenol
Concen: 105.115 ng
RT: 16.221 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:330 Resp: 127645

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.6
141	33.0	24.6	36.8



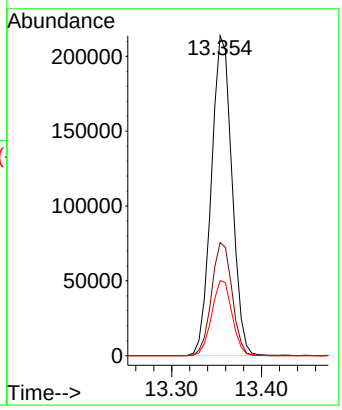


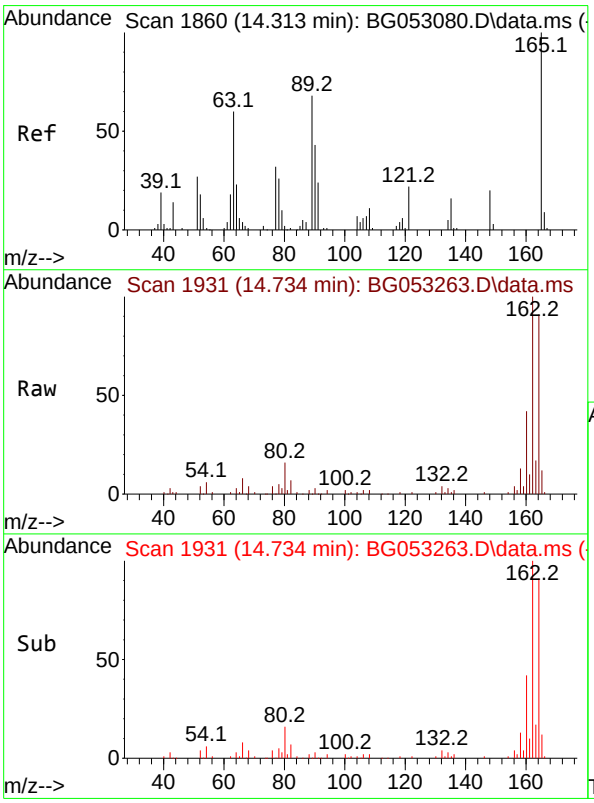
#45
2-Fluorobiphenyl
Concen: 61.553 ng
RT: 13.354 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:172 Resp: 340714

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.5	18.0	27.0

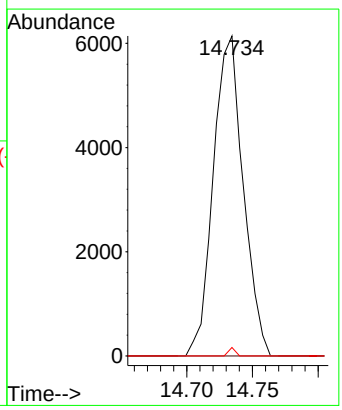


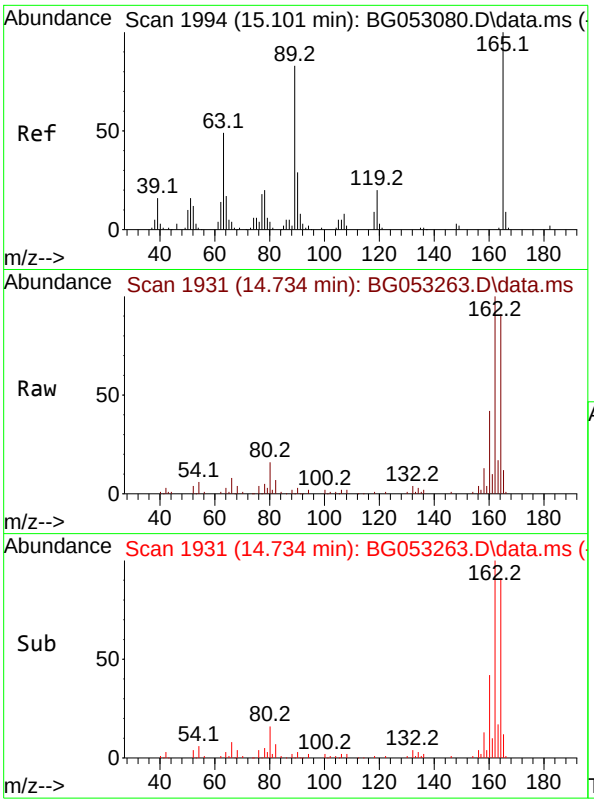


#51
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 14.734 min Scan# 1931
Delta R.T. 0.429 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:165 Resp: 9729

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	2.6	45.0	67.4#



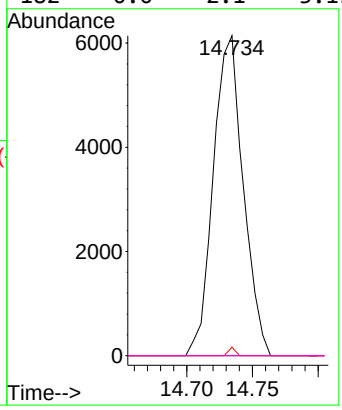


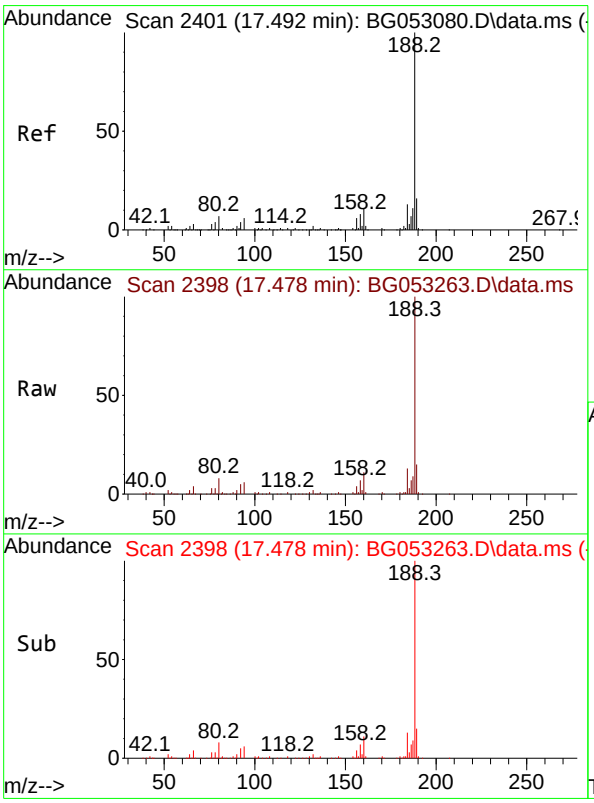
#57
2,4-Dinitrotoluene
Concen: 5.366 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:165 Resp: 9729

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	2.6	57.4	86.0#
182	0.0	2.1	3.1#

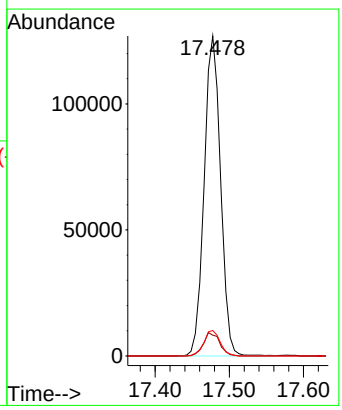


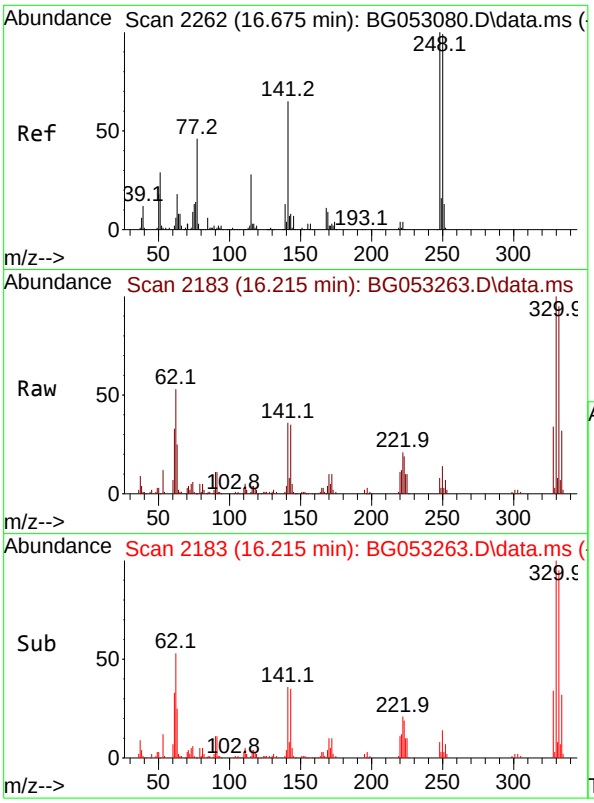


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.478 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:188 Resp: 195401

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	8.0	7.2	10.8



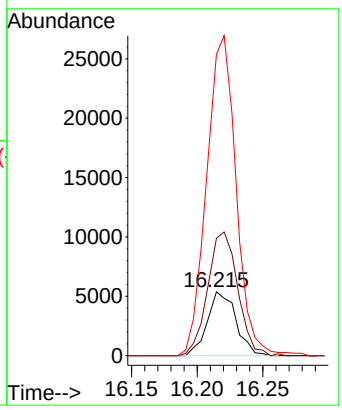


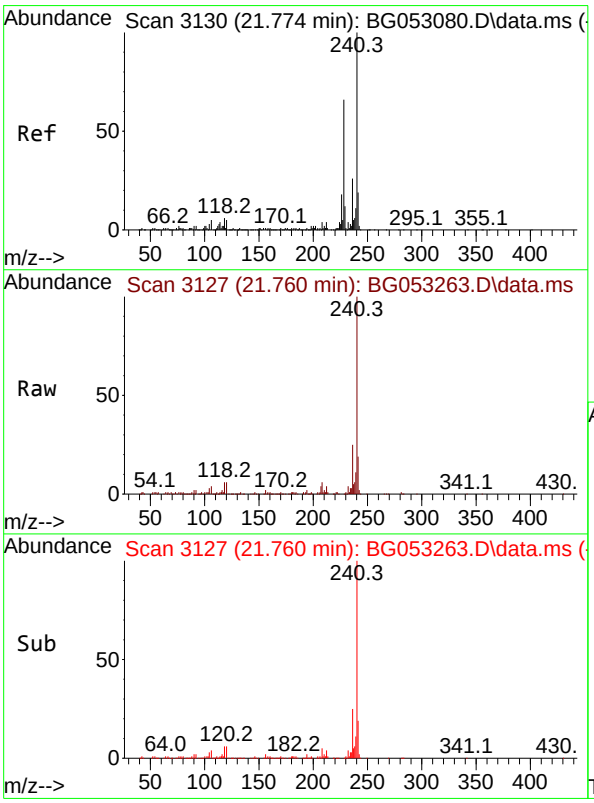
#67
4-Bromophenyl-phenylether
Concen: 3.263 ng
RT: 16.215 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:248 Resp: 8171

Ion	Ratio	Lower	Upper
248	100		
250	183.8	77.9	116.9#
141	471.9	49.2	73.8#

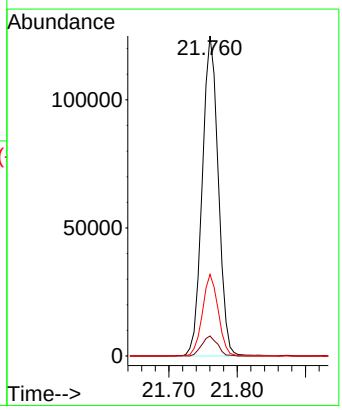


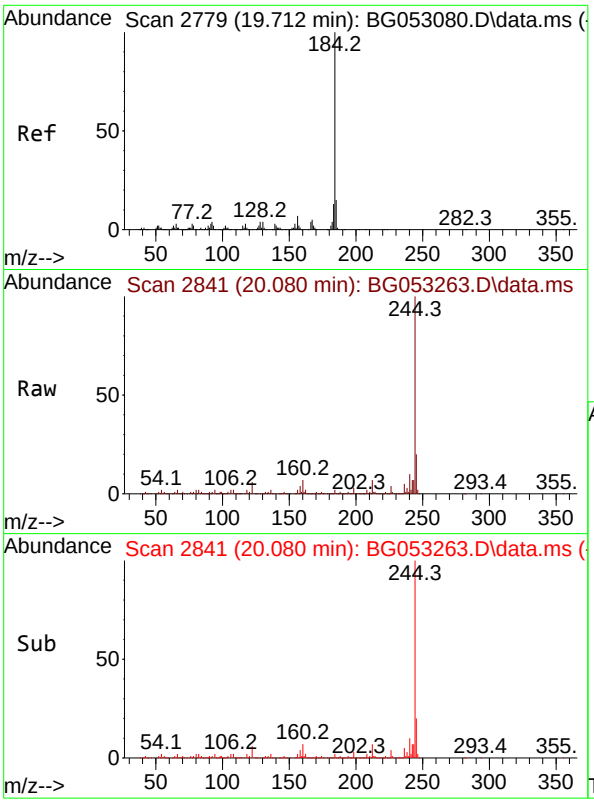


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:240 Resp: 204189

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.4	8.0
236	25.5	19.8	29.6



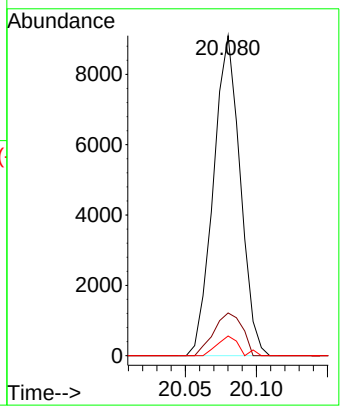


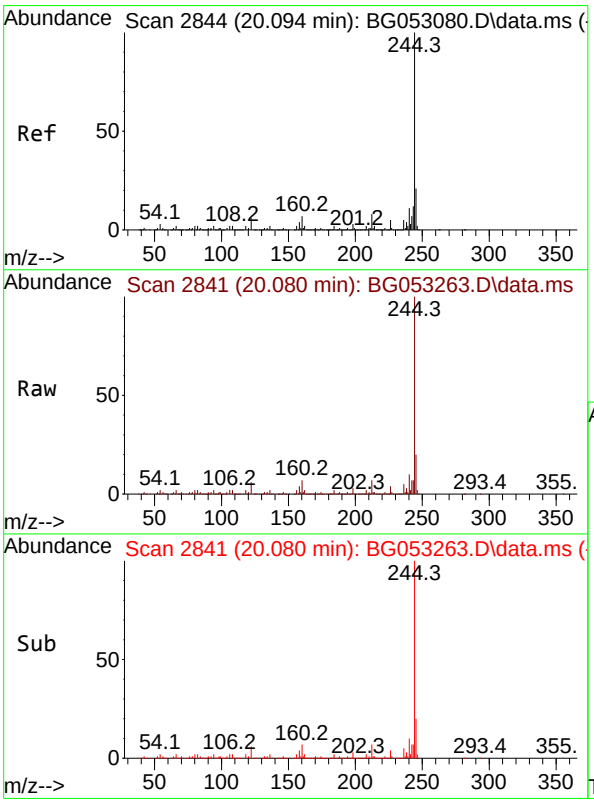
#77
Benzidine
Concen: 2.049 ng
RT: 20.080 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:184 Resp: 11937

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.5	17.3
183	6.2	9.4	14.2#

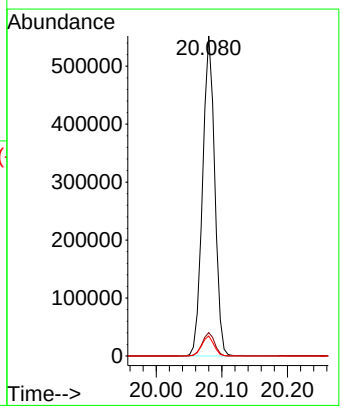


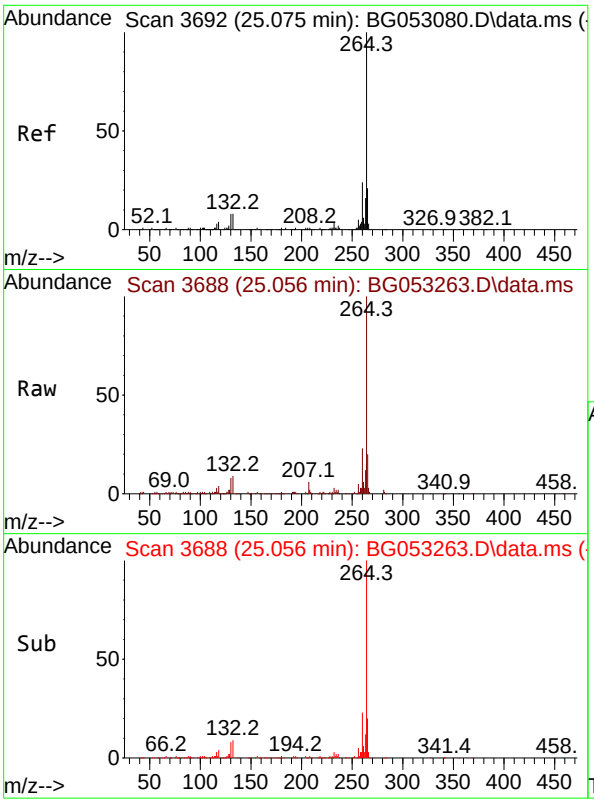


#79
Terphenyl-d14
Concen: 58.943 ng
RT: 20.080 min Scan# 2841
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:244 Resp: 712623

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	6.3	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.056 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:264 Resp: 205887

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	20.2	15.1	22.7