Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
Data File : BG053341.D
Acq On : 27 Apr 2022 10:56
Operator : CG/JU
Sample : PB144386BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Quant Time: Apr 28 06:40:07 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	8.107	152	27457	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	104638	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	81586	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	207321	20.000	ng	-0.01
76) Chrysene-d12	21.759	240	239289	20.000	ng	0.00
86) Perylene-d12	25.049	264	231535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	222202	138.724	ng	0.00
7) Phenol-d6	7.267	99	317659	128.603	ng	0.00
23) Nitrobenzene-d5	9.264	82	220057	85.390	ng	-0.01
42) 2,4,6-Tribromophenol	16.219	330	160202	123.422	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	498030	84.173	ng	0.00
79) Terphenyl-d14	20.079	244	1121526	79.157	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.264	70	32431	17.934	ng	# 73
51) 2,6-Dinitrotoluene	14.727	165	10023	7.363	ng	# 25
57) 2,4-Dinitrotoluene	14.727	165	10023	5.171	ng	# 24
67) 4-Bromophenyl-phenylether	16.214	248	10403	3.916	ng	# 1
77) Benzidine	20.079	184	19658	2.879	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
Data File : BG053341.D
Acq On : 27 Apr 2022 10:56
Operator : CG/JU
Sample : PB144386BL
Misc :
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Instrument :
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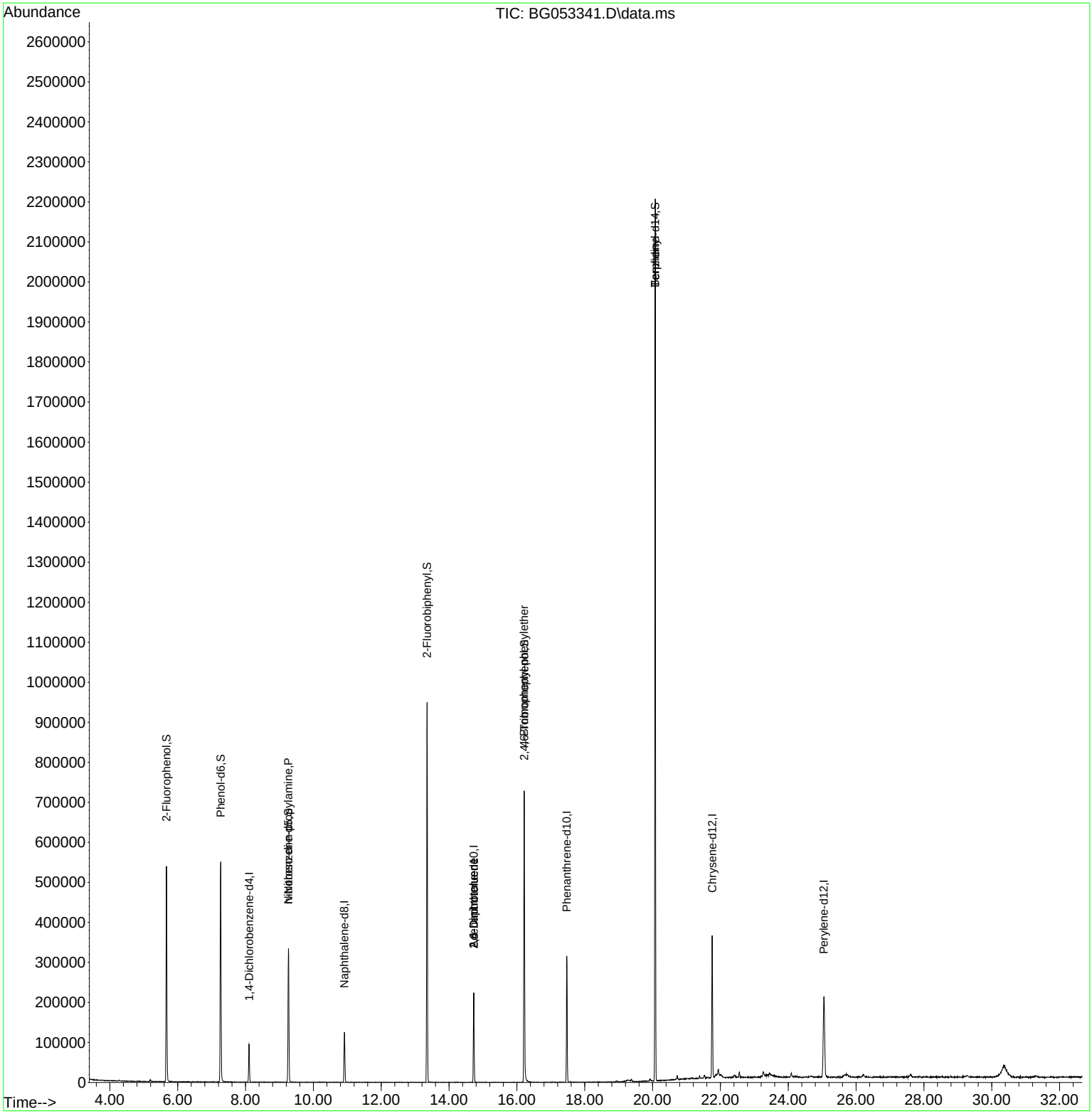
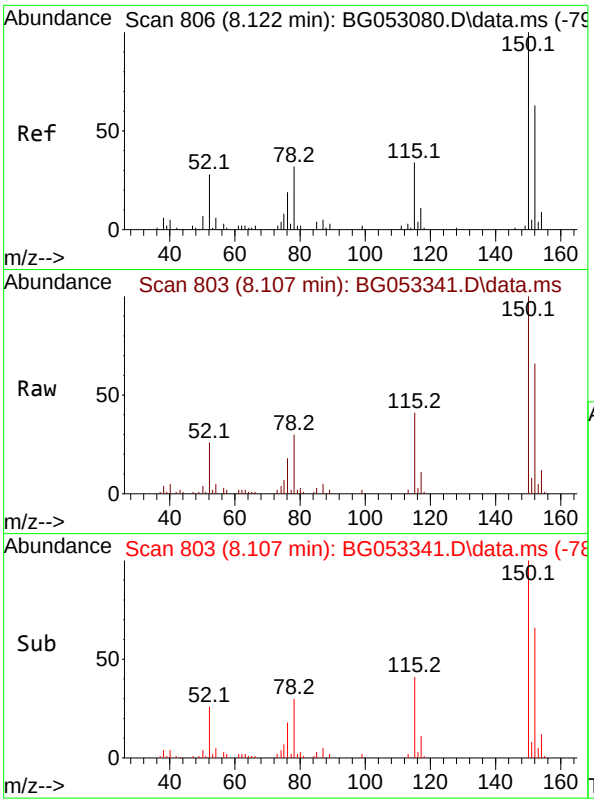
Quant Time: Apr 28 06:40:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration



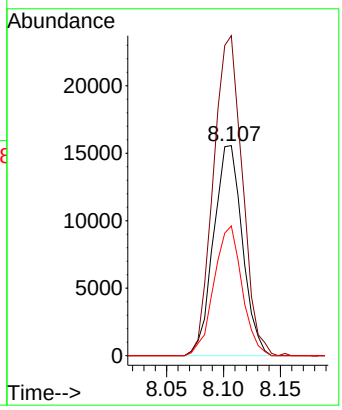


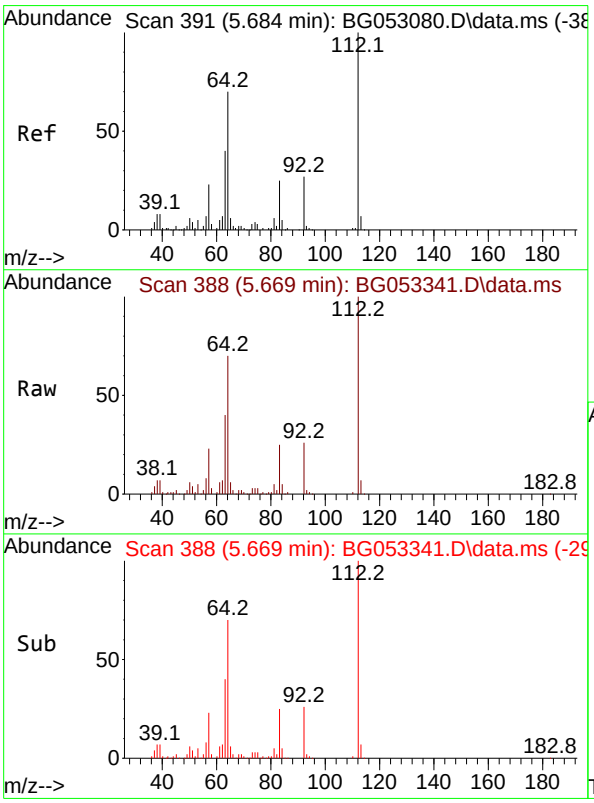
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:152 Resp: 27457

Ion	Ratio	Lower	Upper
152	100		
150	152.3	114.6	172.0
115	61.7	45.9	68.9

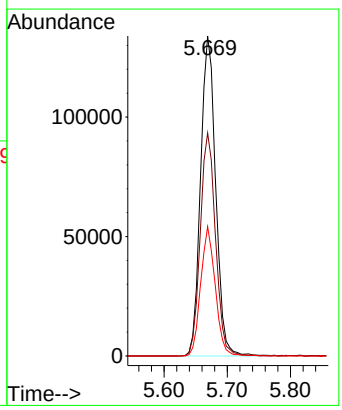


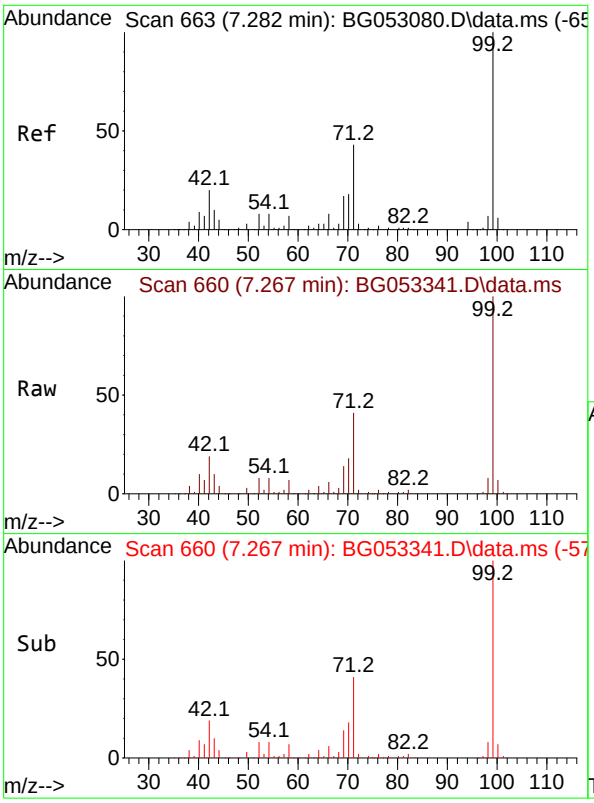


#5
2-Fluorophenol
Concen: 138.724 ng
RT: 5.669 min Scan# 388
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion:112 Resp: 222202

Ion	Ratio	Lower	Upper
112	100		
64	69.7	48.0	72.0
63	40.4	26.5	39.7#



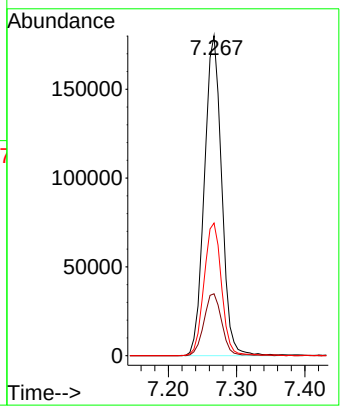


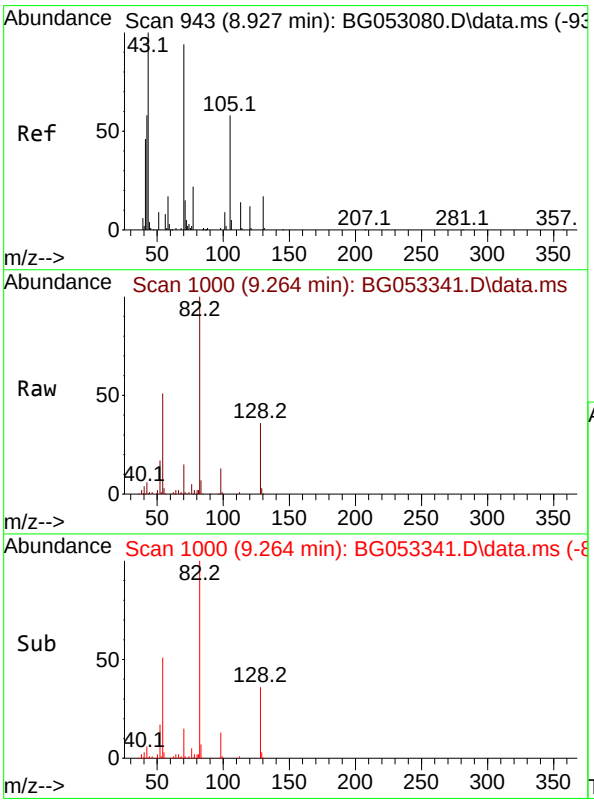
#7
Phenol-d6
Concen: 128.603 ng
RT: 7.267 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion: 99 Resp: 317659

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.7	22.1
71	41.5	29.2	43.8

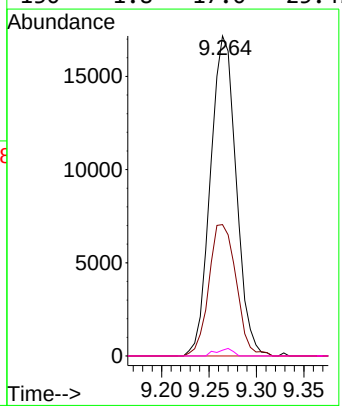


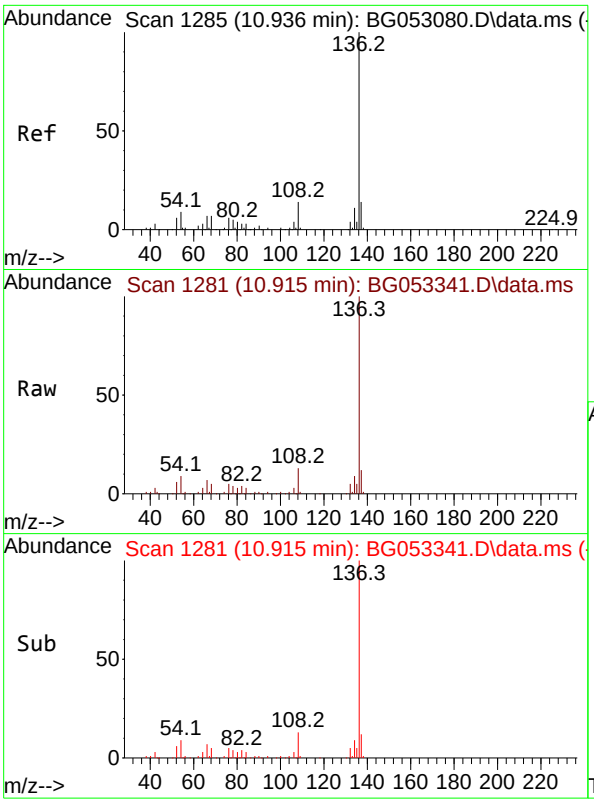


#19
n-Nitroso-di-n-propylamine
Concen: 17.934 ng
RT: 9.264 min Scan# 1000
Delta R.T. 0.352 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion: 70 Resp: 32431

Ion	Ratio	Lower	Upper
70	100		
42	41.0	46.0	69.0#
101	0.0	6.2	9.4#
130	1.8	17.0	25.4#



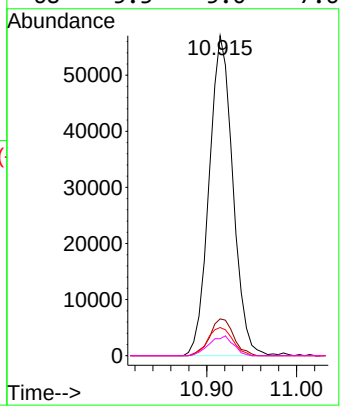


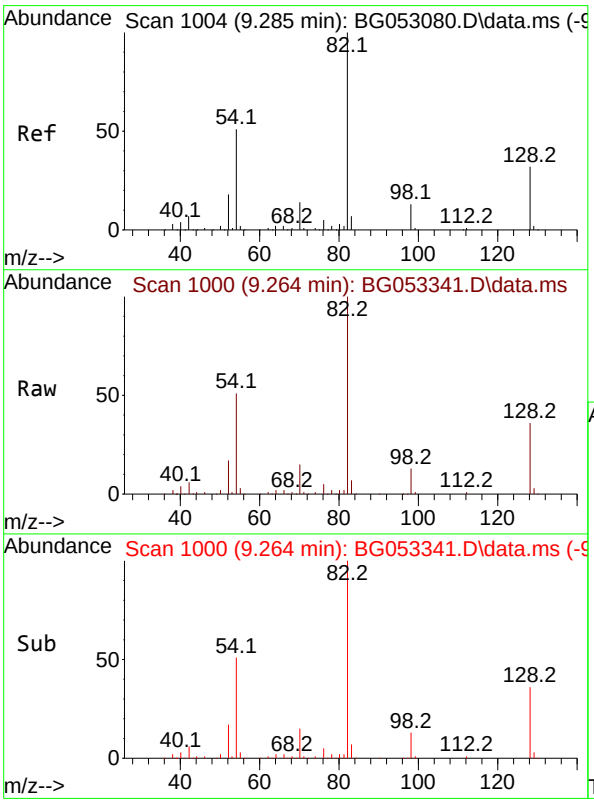
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:136 Resp: 104638

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	8.8	6.4	9.6
68	5.3	5.0	7.6

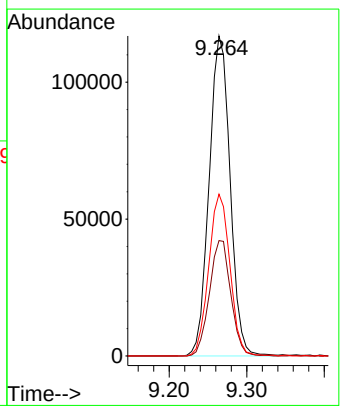


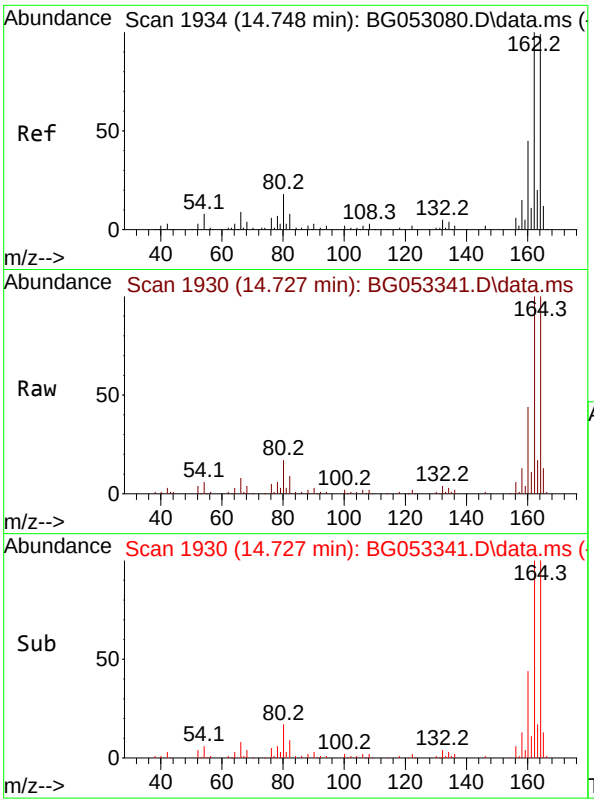


#23
Nitrobenzene-d5
Concen: 85.390 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.013 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion: 82 Resp: 220057

Ion	Ratio	Lower	Upper
82	100		
128	36.0	31.3	46.9
54	50.6	37.8	56.8



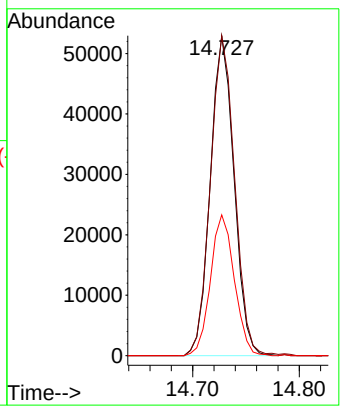


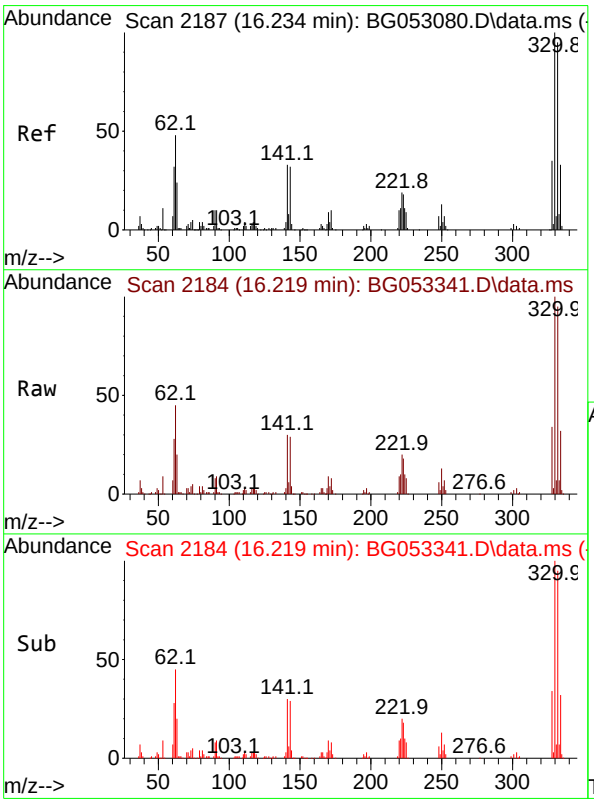
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:164 Resp: 81586

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.0	120.0
160	44.1	38.8	58.2

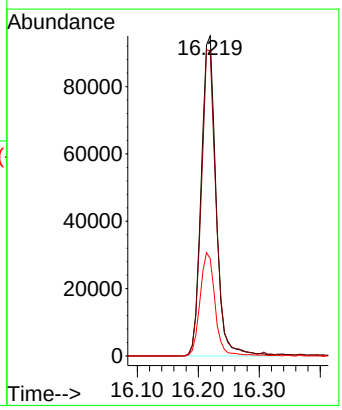


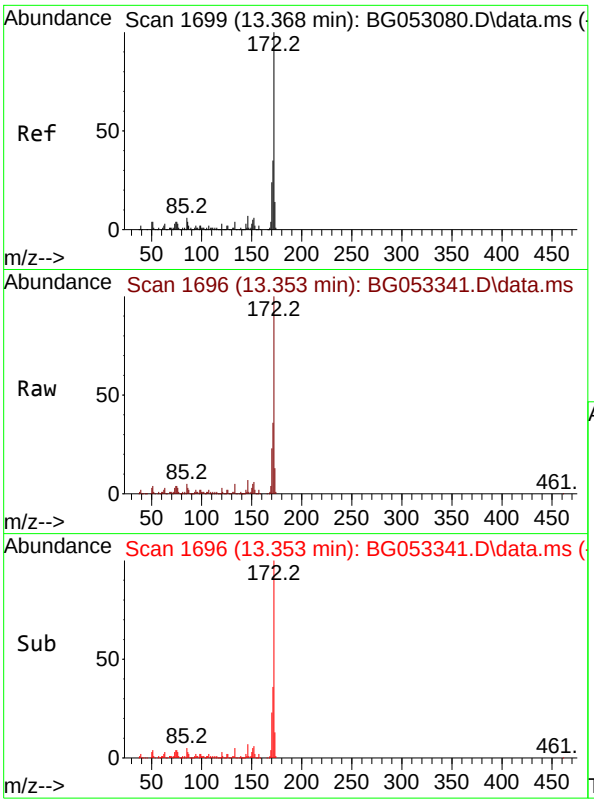


#42
2,4,6-Tribromophenol
Concen: 123.422 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion:330 Resp: 160202

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.8	113.6
141	32.8	24.6	36.8



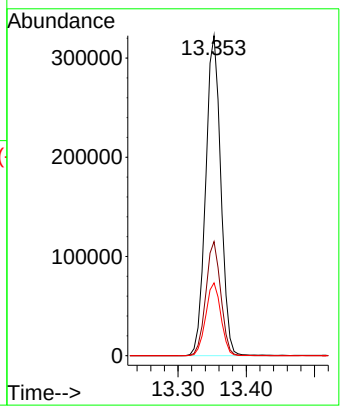


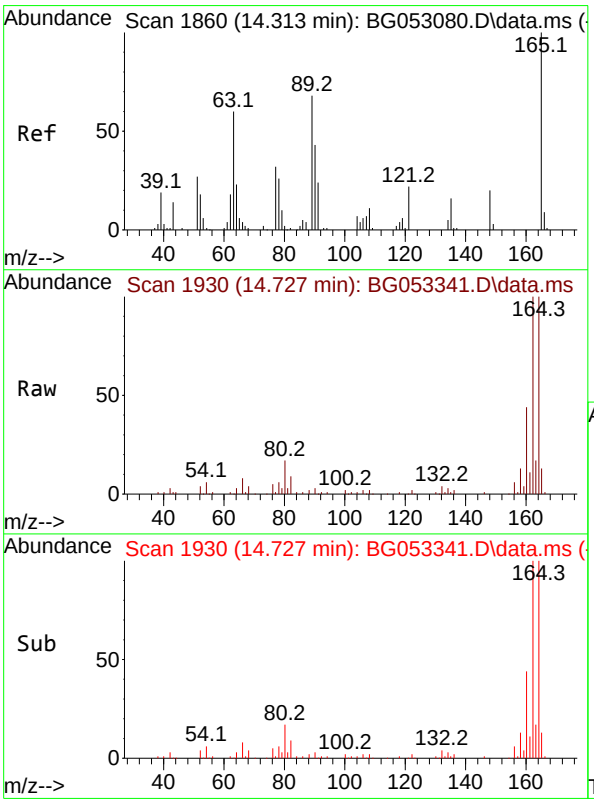
#45
2-Fluorobiphenyl
Concen: 84.173 ng
RT: 13.353 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:172 Resp: 498030

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	22.7	18.0	27.0

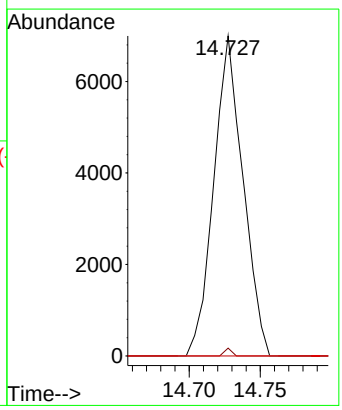


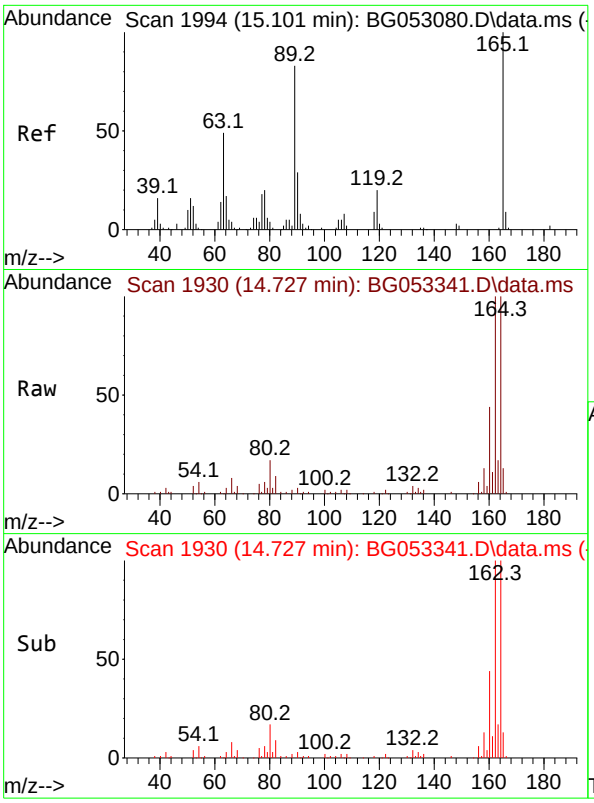


#51
2,6-Dinitrotoluene
Concen: 7.363 ng
RT: 14.727 min Scan# 1930
Delta R.T. 0.422 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion:165 Resp: 10023

Ion	Ratio	Lower	Upper
165	100		
63	2.4	43.7	65.5#
89	0.0	45.0	67.4#



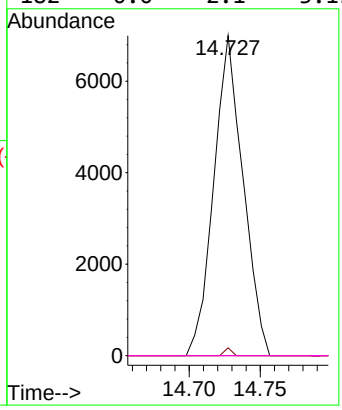


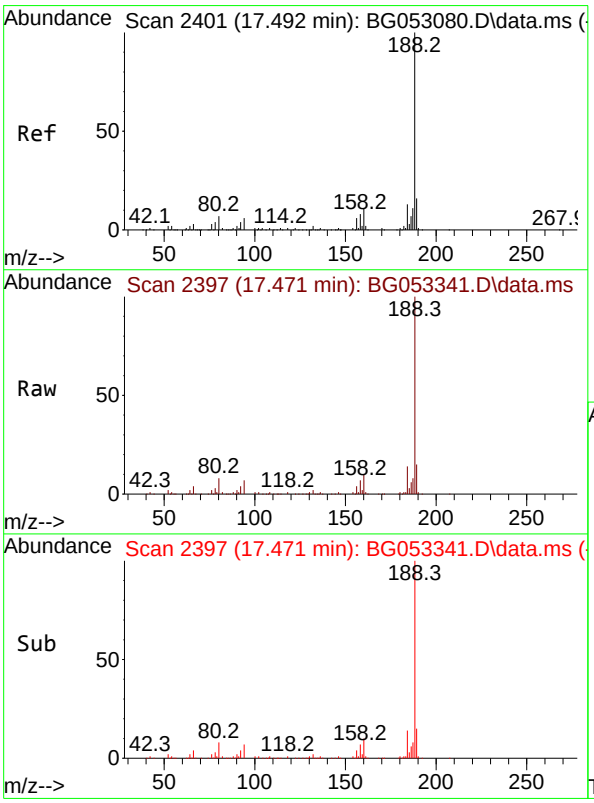
#57
2,4-Dinitrotoluene
Concen: 5.171 ng
RT: 14.727 min Scan# 1
Delta R.T. -0.365 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:165 Resp: 10023

Ion	Ratio	Lower	Upper
165	100		
63	2.4	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#

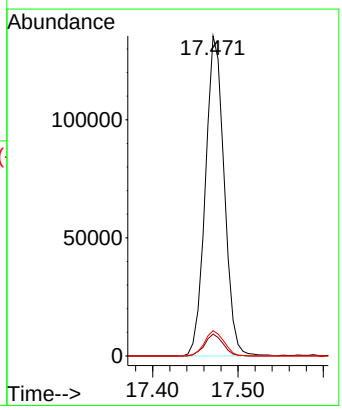


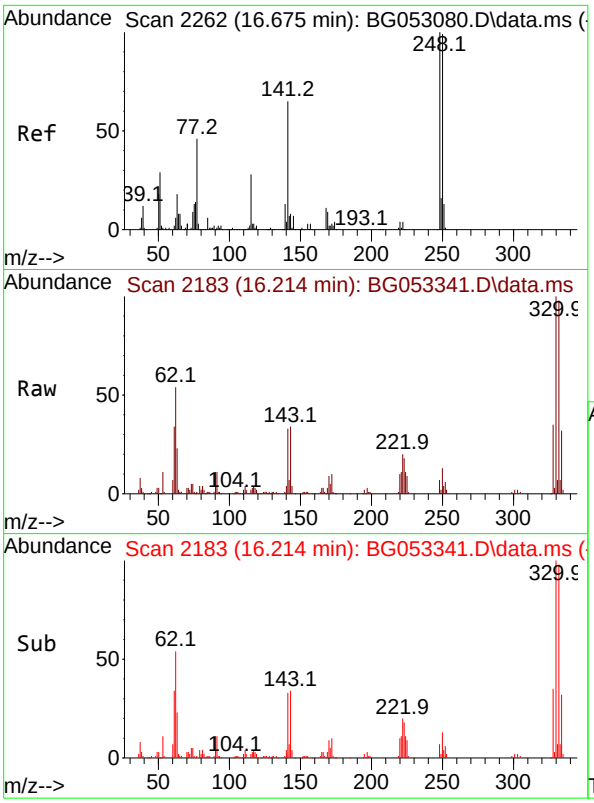


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 2397
Delta R.T. -0.013 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion:188 Resp: 207321

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.9	7.2	10.8



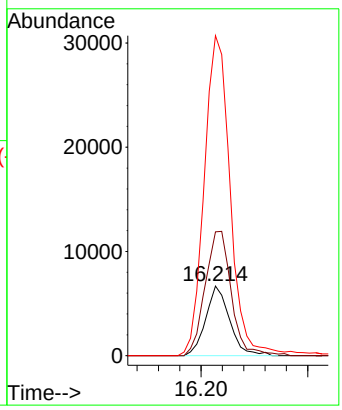


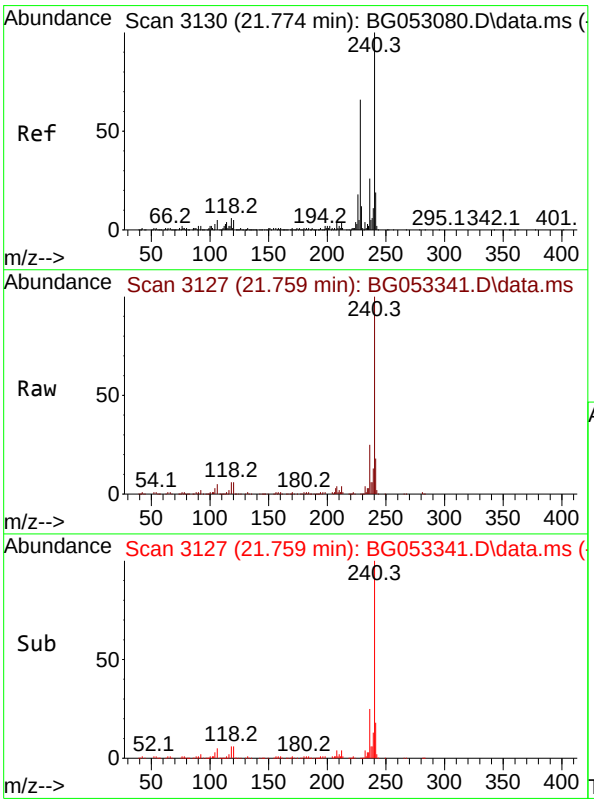
#67
4-Bromophenyl-phenylether
Concen: 3.916 ng
RT: 16.214 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:248 Resp: 10403

Ion	Ratio	Lower	Upper
248	100		
250	178.0	77.9	116.9#
141	460.1	49.2	73.8#

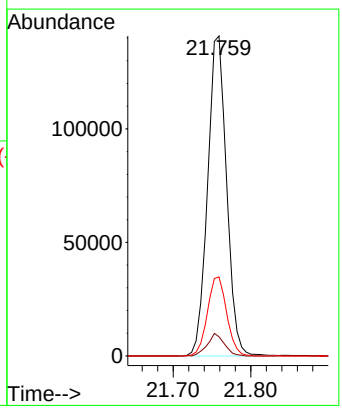


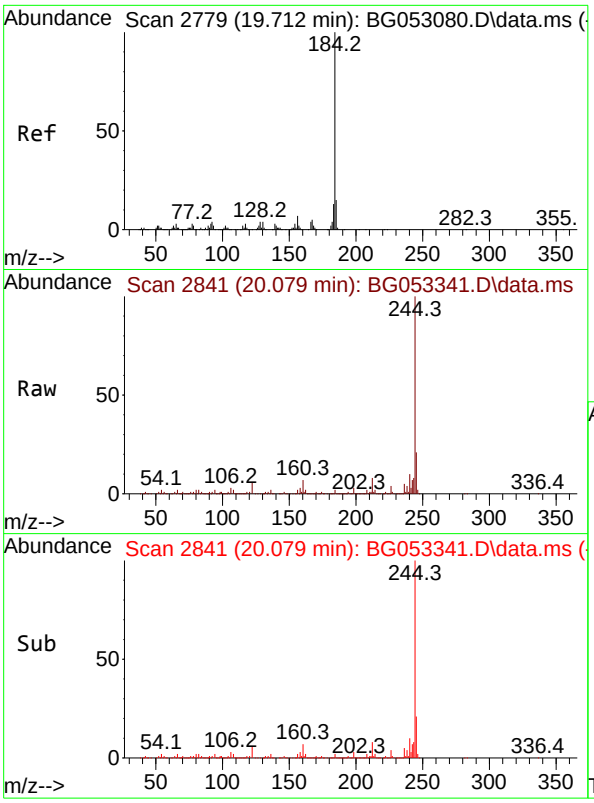


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion:240 Resp: 239289

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.4	8.0
236	24.7	19.8	29.6



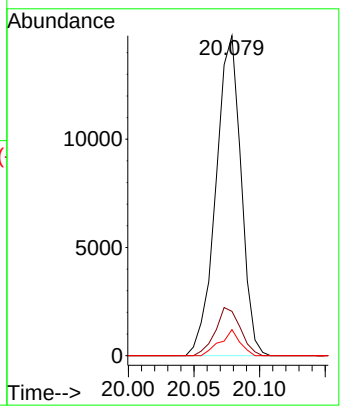


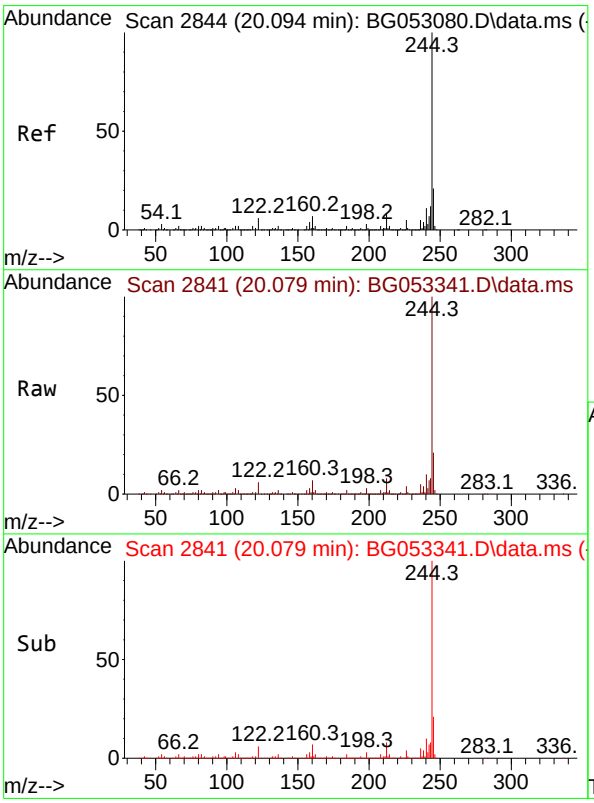
#77
Benzidine
Concen: 2.879 ng
RT: 20.079 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:184 Resp: 19658

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	8.1	9.4	14.2#

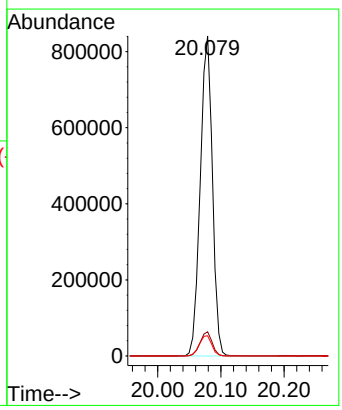


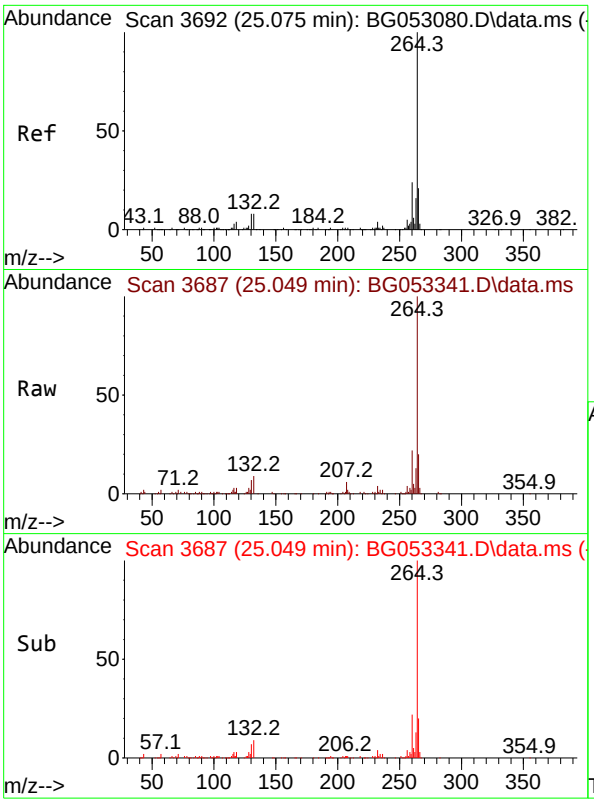


#79
Terphenyl-d14
Concen: 79.157 ng
RT: 20.079 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Tgt Ion:244 Resp: 1121526

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	6.3	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.049 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG053341.D
Acq: 27 Apr 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144386BL

Tgt Ion:264 Resp: 231535

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	20.3	15.1	22.7