Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
Data File : BG053119.D
Acq On : 12 Apr 2022 14:41
Operator : CG/JU
Sample : N2340-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Quant Time: Apr 13 06:13:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	37096	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	144425	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	103225	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	247013	20.000	ng	0.00
76) Chrysene-d12	21.769	240	260559	20.000	ng	0.00
86) Perylene-d12	25.064	264	258158	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	252265	116.570	ng	0.00
7) Phenol-d6	7.276	99	357313	107.069	ng	0.00
23) Nitrobenzene-d5	9.280	82	252040	70.858	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	177452	108.053	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	548441	73.262	ng	0.00
79) Terphenyl-d14	20.088	244	1020899	66.173	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	35101	14.367	ng	# 73
51) 2,6-Dinitrotoluene	14.743	165	13953	8.101	ng	# 24
57) 2,4-Dinitrotoluene	14.743	165	13953	5.690	ng	# 22
67) 4-Bromophenyl-phenylether	16.223	248	11932	3.770	ng	# 1
77) Benzidine	20.088	184	17486	2.352	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
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Misc :
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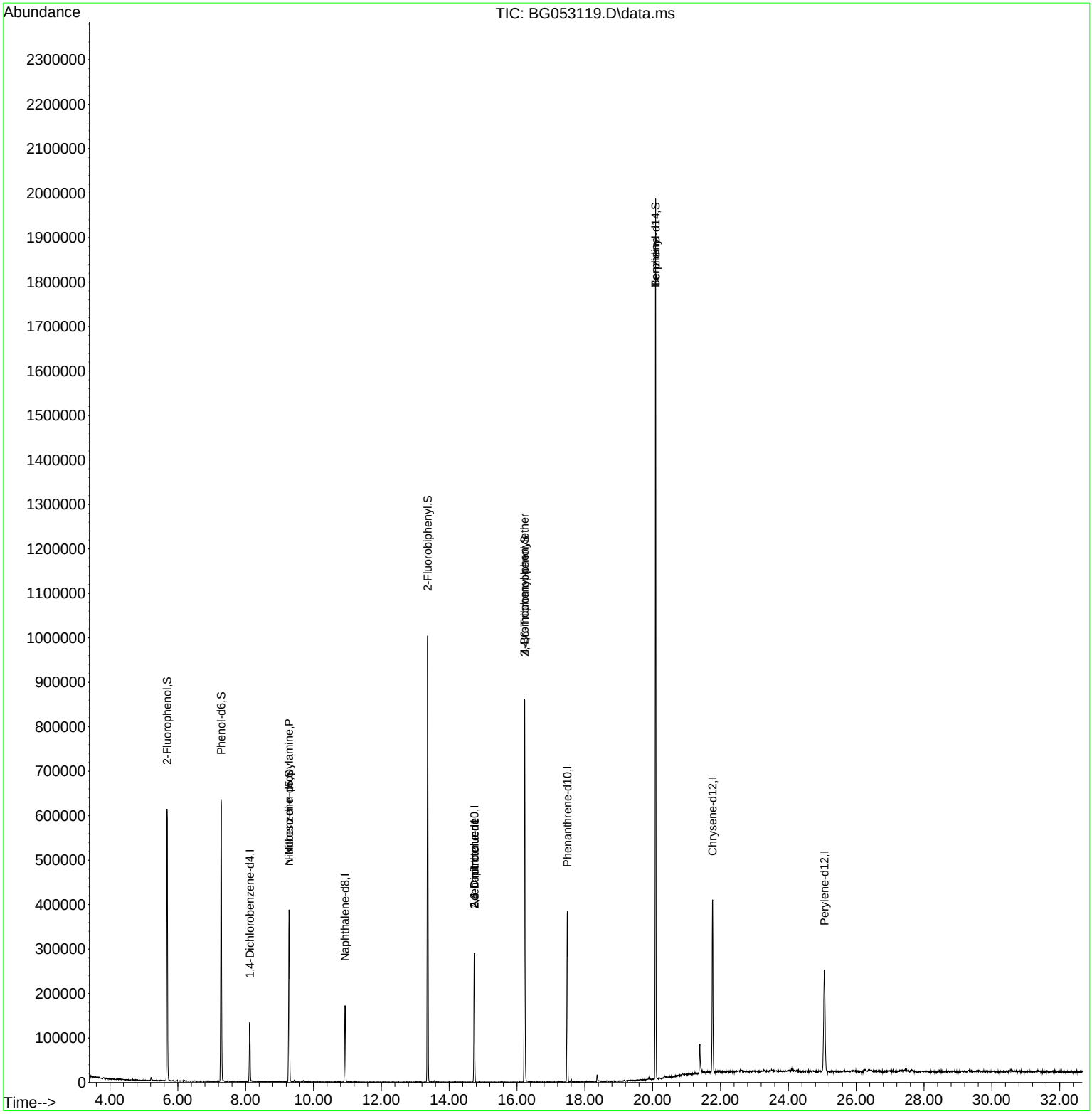
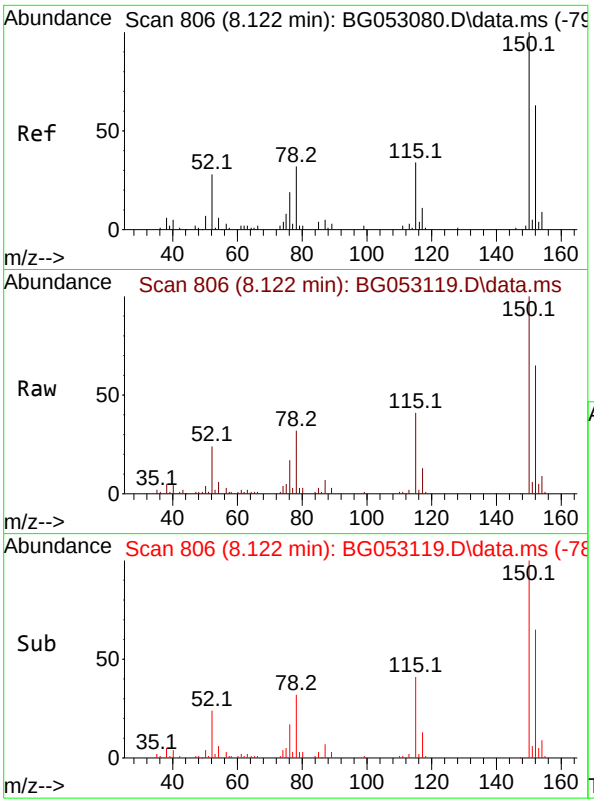


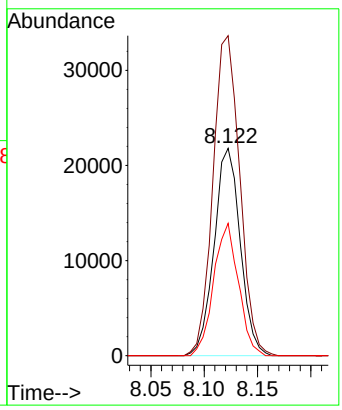


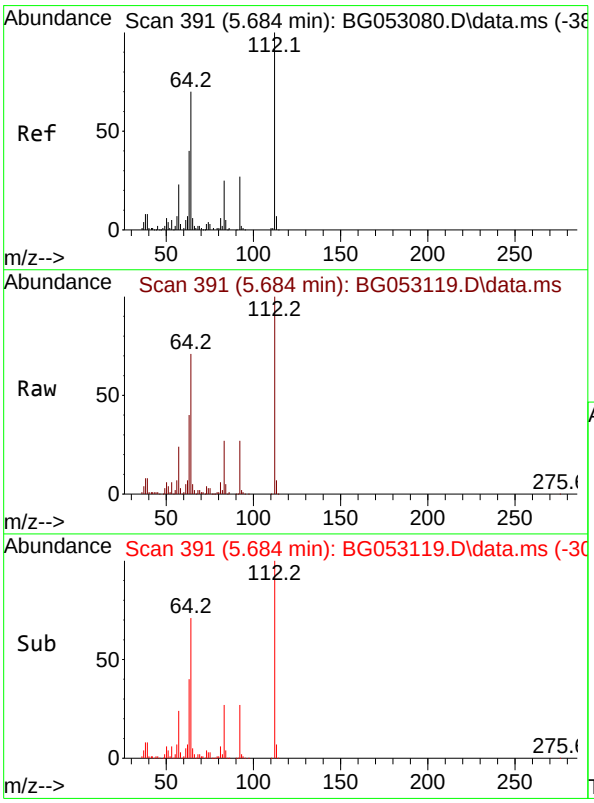
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.122 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:152 Resp: 37096

Ion	Ratio	Lower	Upper
152	100		
150	154.3	114.6	172.0
115	63.8	45.9	68.9

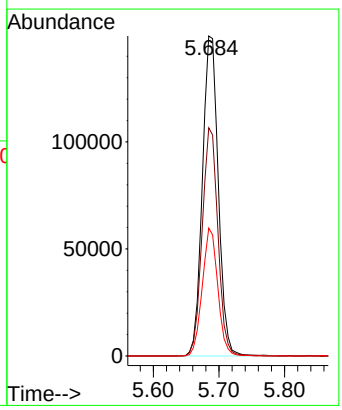


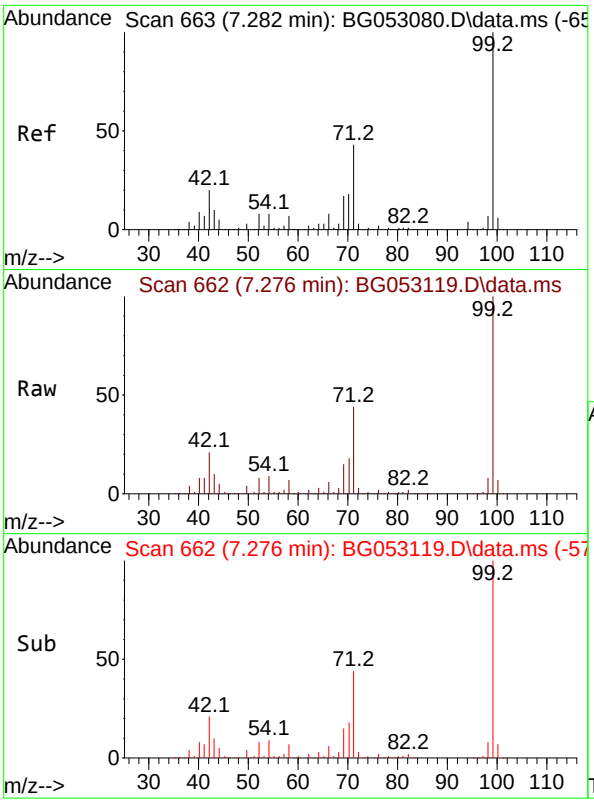


#5
2-Fluorophenol
Concen: 116.570 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion:112 Resp: 252265

Ion	Ratio	Lower	Upper
112	100		
64	71.3	48.0	72.0
63	40.0	26.5	39.7#



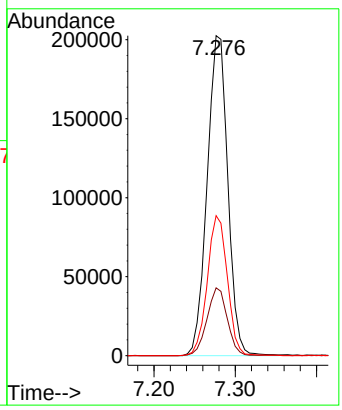


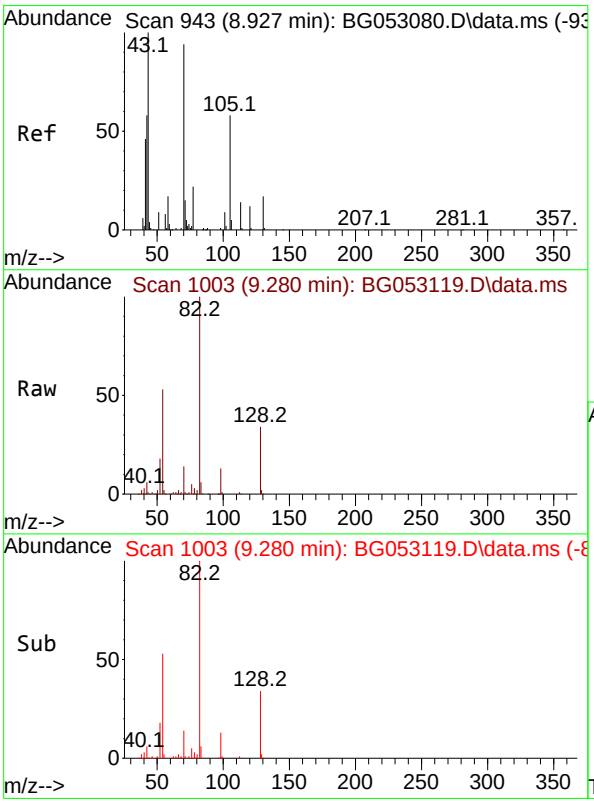
#7
Phenol-d6
Concen: 107.069 ng
RT: 7.276 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion: 99 Resp: 357313

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.7	22.1
71	43.7	29.2	43.8

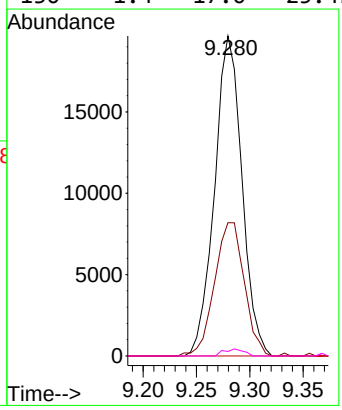


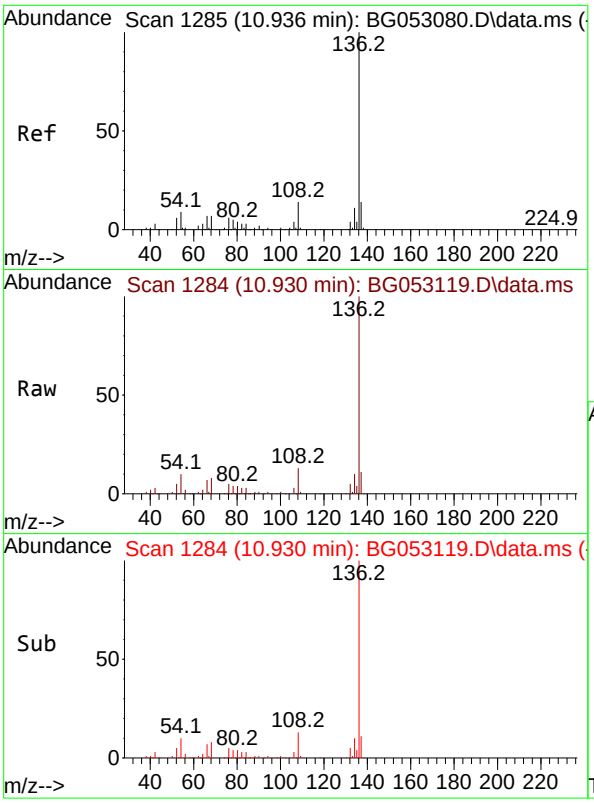


#19
n-Nitroso-di-n-propylamine
Concen: 14.367 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion: 70 Resp: 35101

Ion	Ratio	Lower	Upper
70	100		
42	41.6	46.0	69.0#
101	0.0	6.2	9.4#
130	1.4	17.0	25.4#



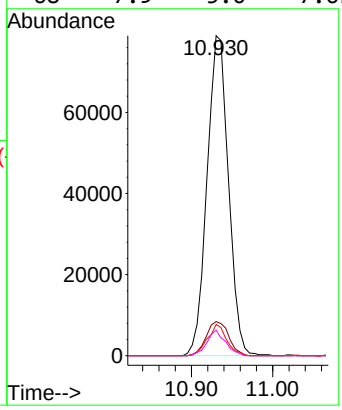


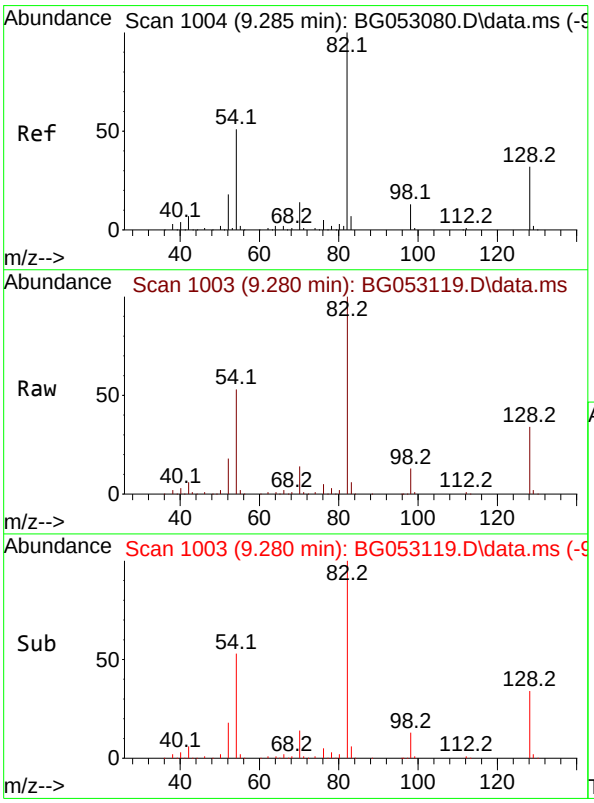
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.930 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:136 Resp: 144425

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.2
54	9.8	6.4	9.6#
68	7.9	5.0	7.6#

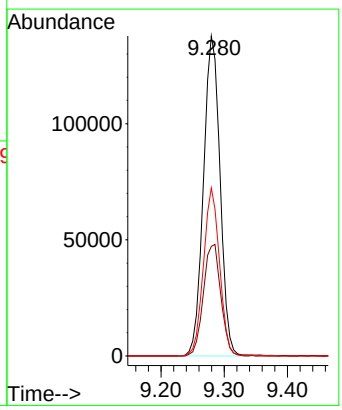


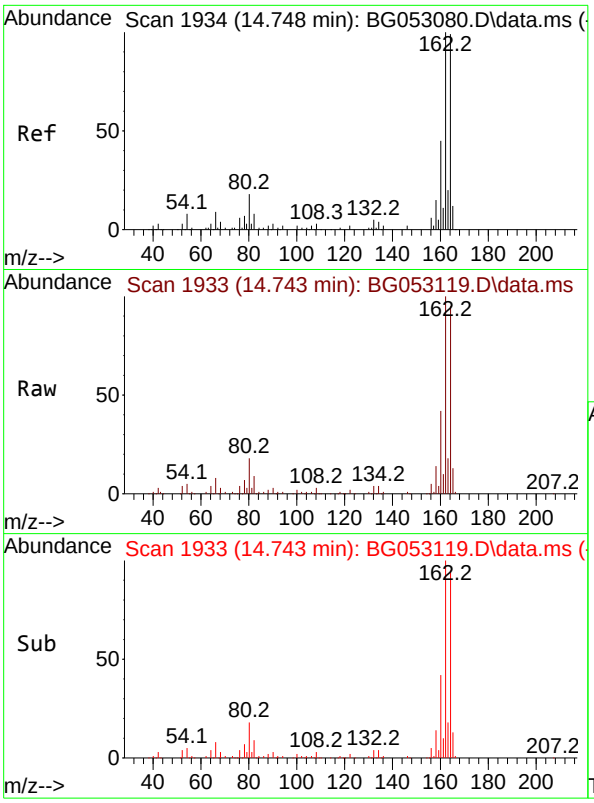


#23
Nitrobenzene-d5
Concen: 70.858 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion: 82 Resp: 252040

Ion	Ratio	Lower	Upper
82	100		
128	34.3	31.3	46.9
54	52.5	37.8	56.8



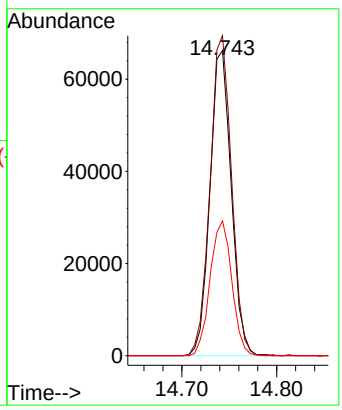


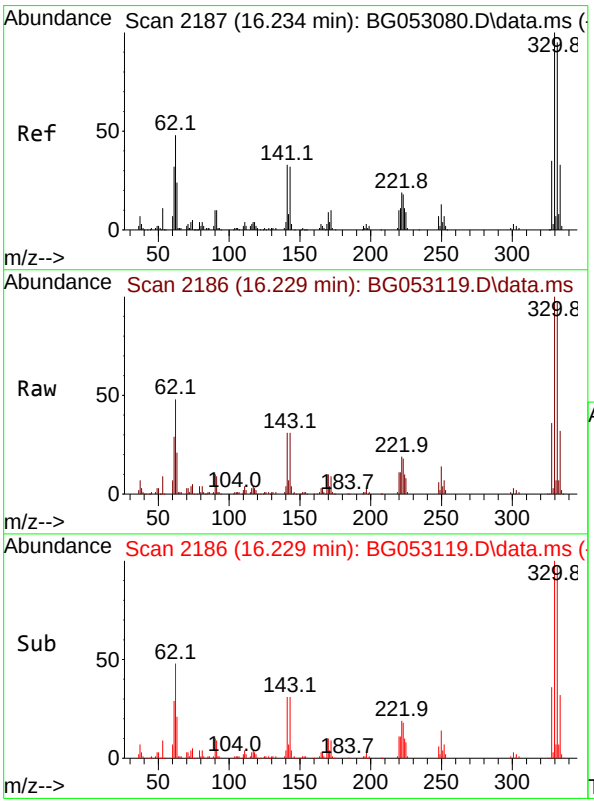
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:164 Resp: 103225

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.0	120.0
160	44.2	38.8	58.2

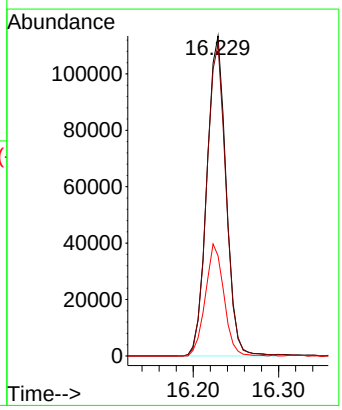


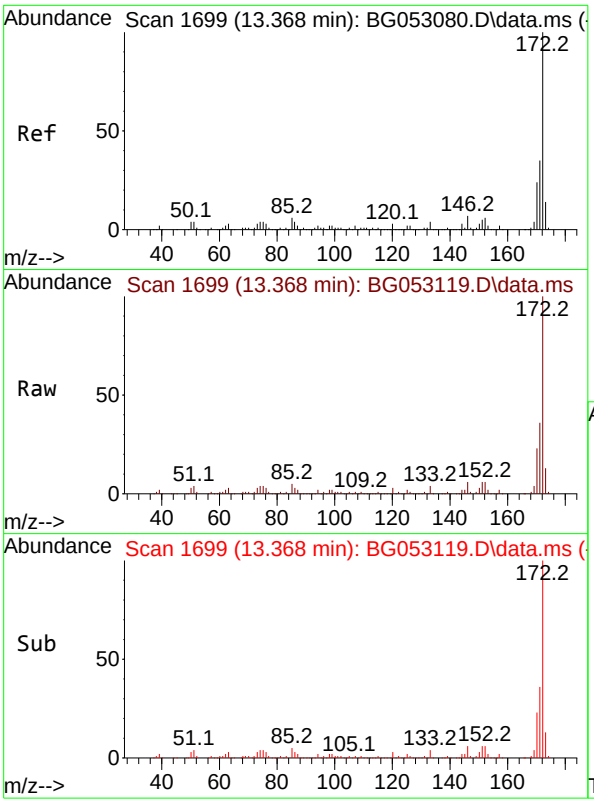


#42
2,4,6-Tribromophenol
Concen: 108.053 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion:330 Resp: 177452

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.8	113.6
141	33.7	24.6	36.8



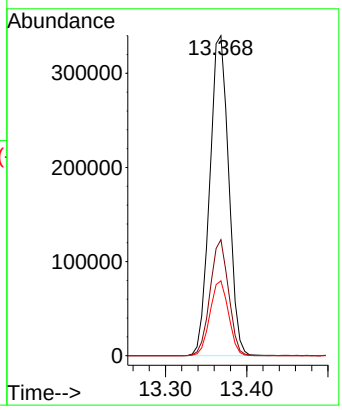


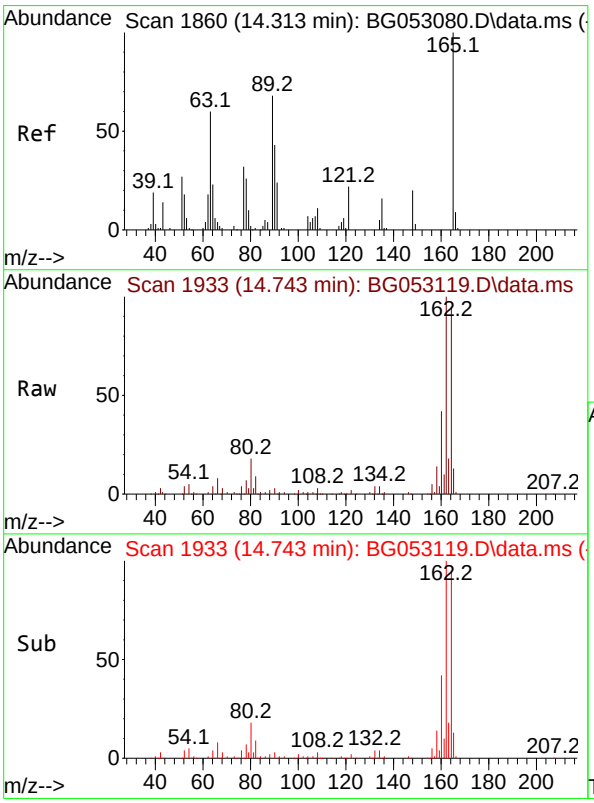
#45
2-Fluorobiphenyl
Concen: 73.262 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:172 Resp: 548441

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	23.4	18.0	27.0

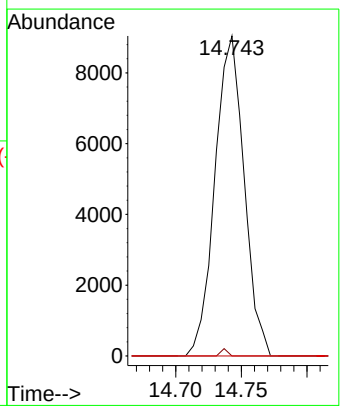


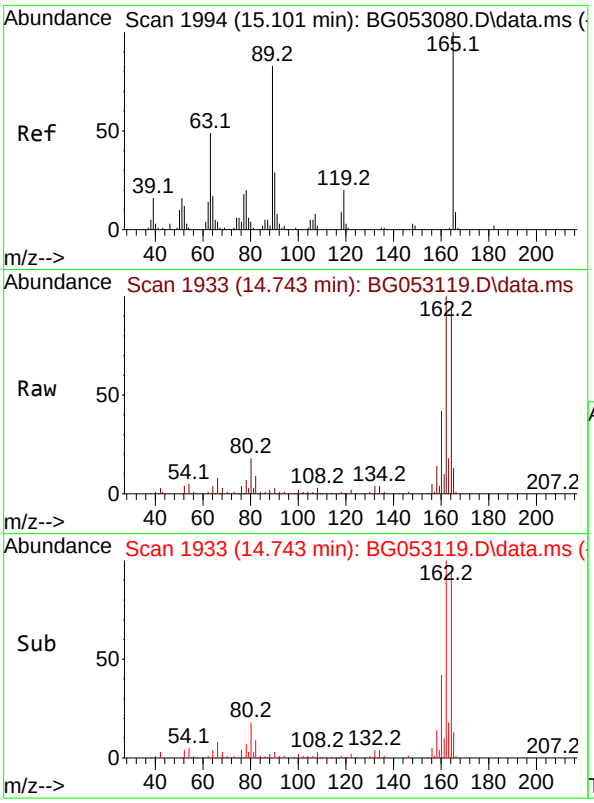


#51
2,6-Dinitrotoluene
Concen: 8.101 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.429 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion:165 Resp: 13953

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



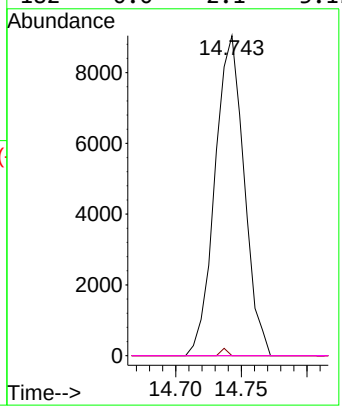


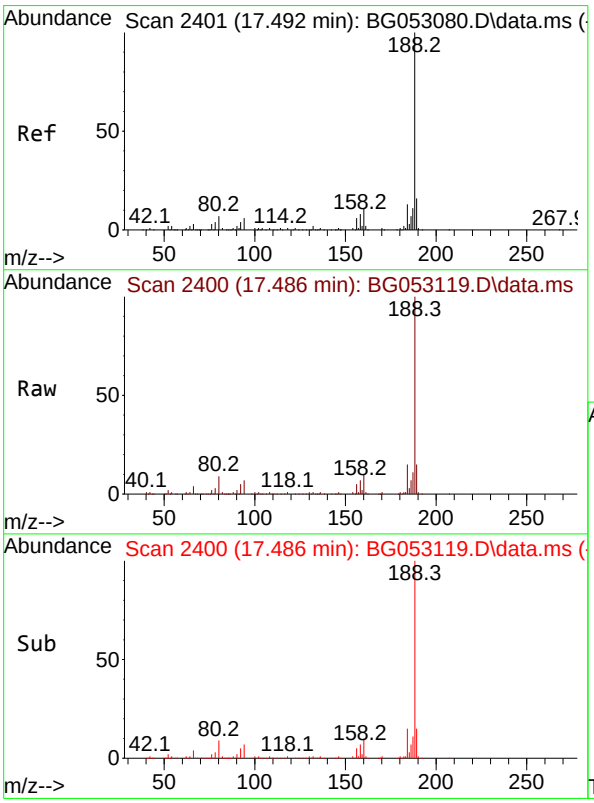
#57
2,4-Dinitrotoluene
Concen: 5.690 ng
RT: 14.743 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:165 Resp: 13953

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

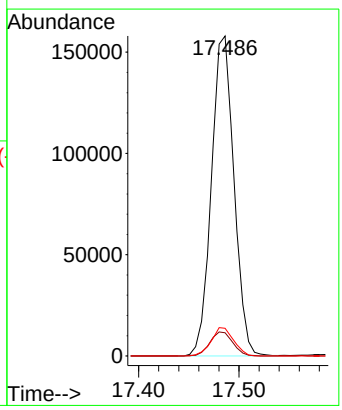


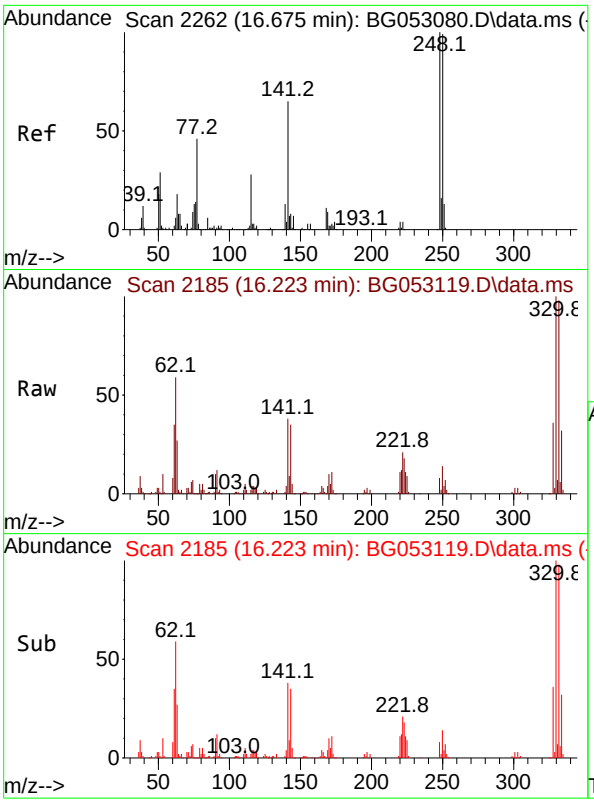


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion:188 Resp: 247013

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.7	7.2	10.8



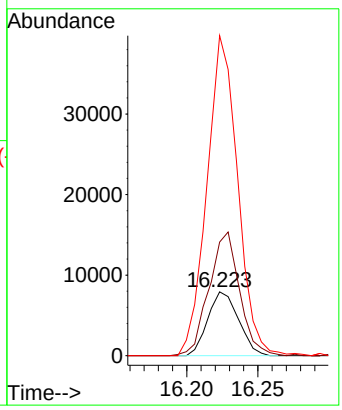


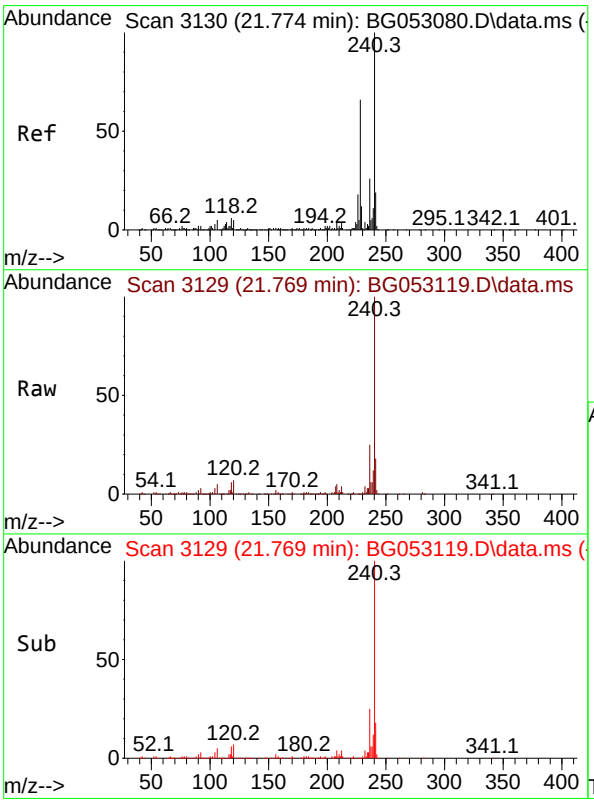
#67
4-Bromophenyl-phenylether
Concen: 3.770 ng
RT: 16.223 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:248 Resp: 11932

Ion	Ratio	Lower	Upper
248	100		
250	178.1	77.9	116.9#
141	501.7	49.2	73.8#

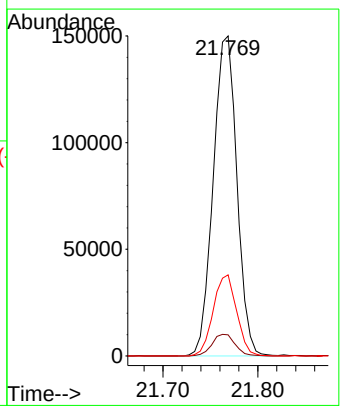


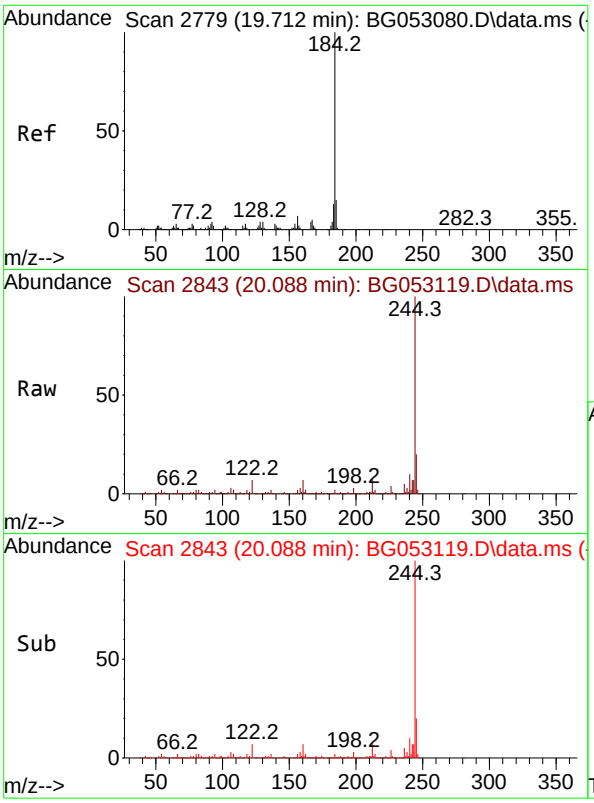


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion:240 Resp: 260559

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.4	8.0
236	25.4	19.8	29.6



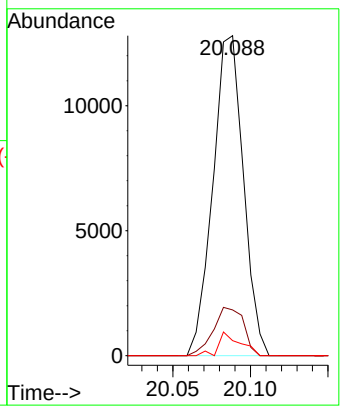


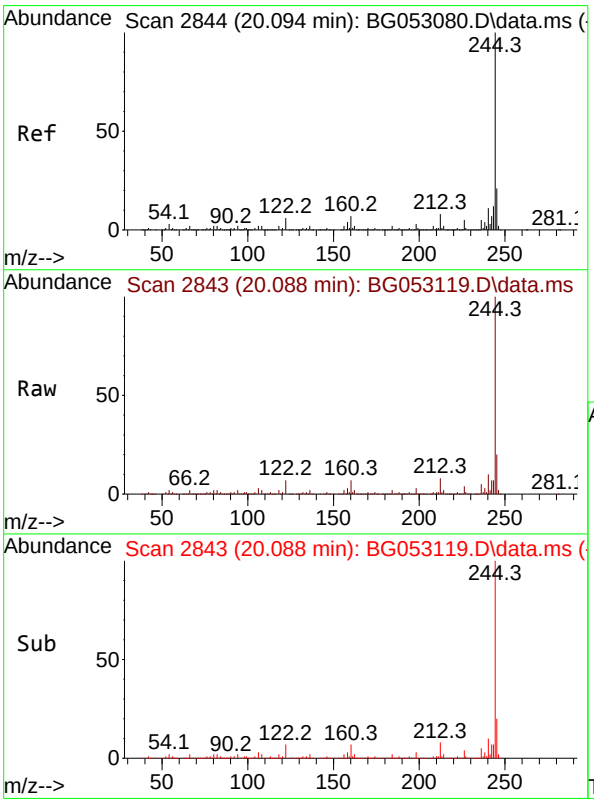
#77
Benzidine
Concen: 2.352 ng
RT: 20.088 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:184 Resp: 17486

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	4.7	9.4	14.2#

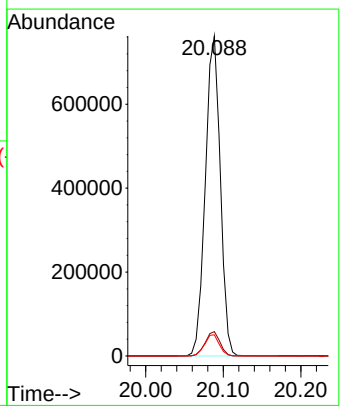


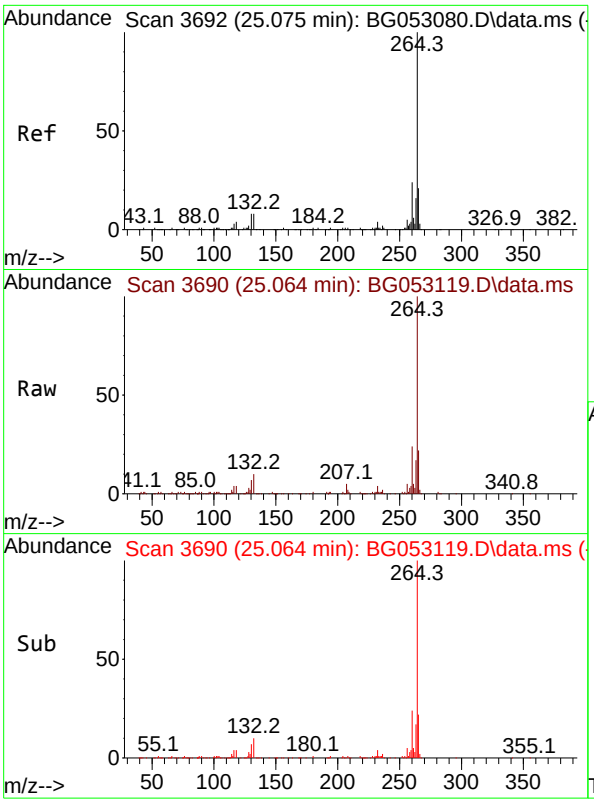


#79
Terphenyl-d14
Concen: 66.173 ng
RT: 20.088 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Tgt Ion:244 Resp: 1020899

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	6.6	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.064 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG053119.D
Acq: 12 Apr 2022 14:41

Instrument :
BNA_G
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:264 Resp: 258158

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.8	15.1	22.7