Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
Data File : BG053114.D
Acq On : 12 Apr 2022 11:07
Operator : CG/JU
Sample : PB143991TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Quant Time: Apr 13 06:12:35 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	8.117	152	33809	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	129145	20.000	ng	0.00
39) Acenaphthene-d10	14.744	164	95017	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	232058	20.000	ng	0.00
76) Chrysene-d12	21.764	240	274218	20.000	ng	-0.01
86) Perylene-d12	25.065	264	273386	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	268577	136.174	ng	0.00
7) Phenol-d6	7.277	99	383009	125.927	ng	0.00
23) Nitrobenzene-d5	9.281	82	268583	84.443	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	189909	125.628	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	605235	87.833	ng	0.00
79) Terphenyl-d14	20.090	244	1339834	82.520	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.281	70	37102	16.662	ng	# 77
51) 2,6-Dinitrotoluene	14.738	165	12408	7.826	ng	# 24
57) 2,4-Dinitrotoluene	14.738	165	12408	5.497	ng	# 22
67) 4-Bromophenyl-phenylether	16.224	248	13229	4.449	ng	# 1
77) Benzidine	20.090	184	22022	2.815	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
Data File : BG053114.D
Acq On : 12 Apr 2022 11:07
Operator : CG/JU
Sample : PB143991TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Apr 13 06:12:35 2022
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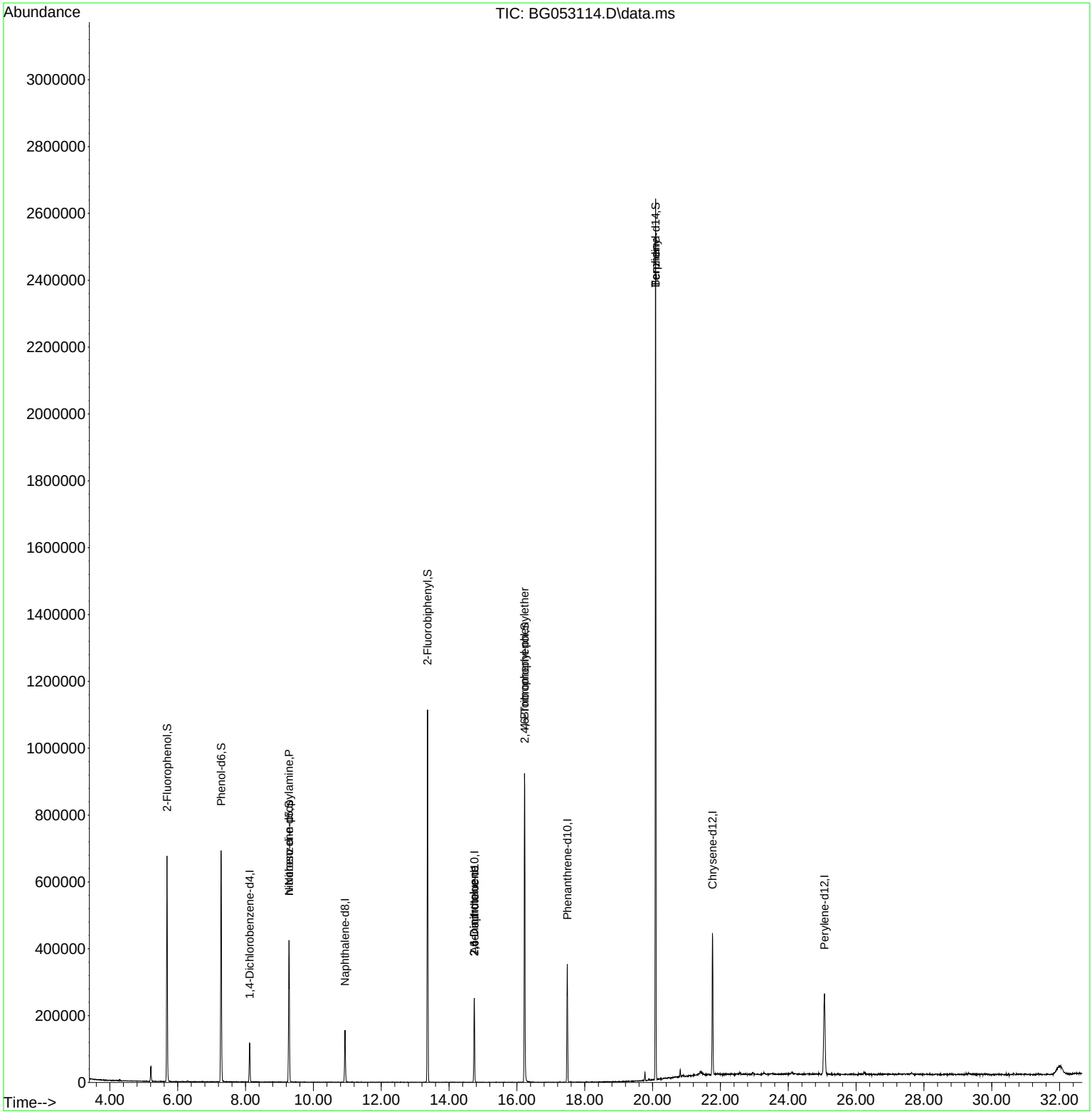
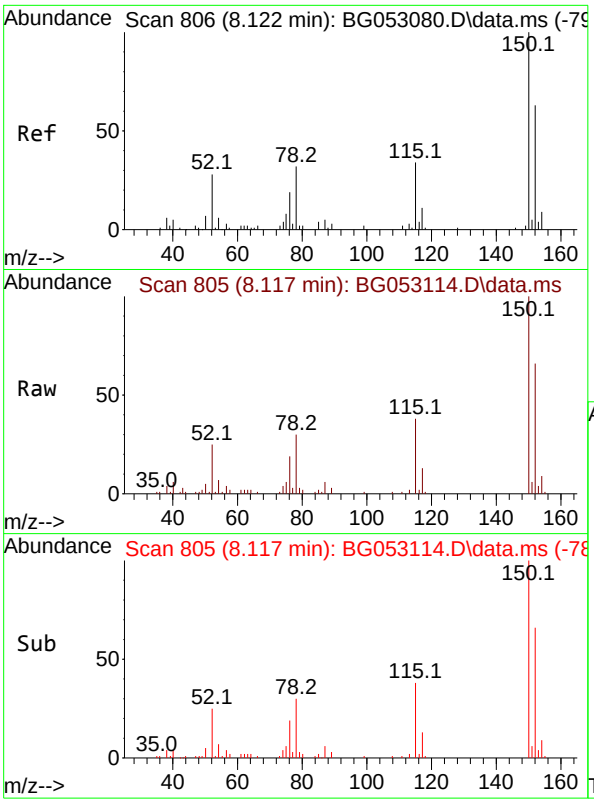
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration



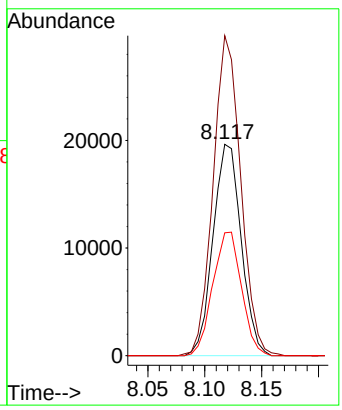


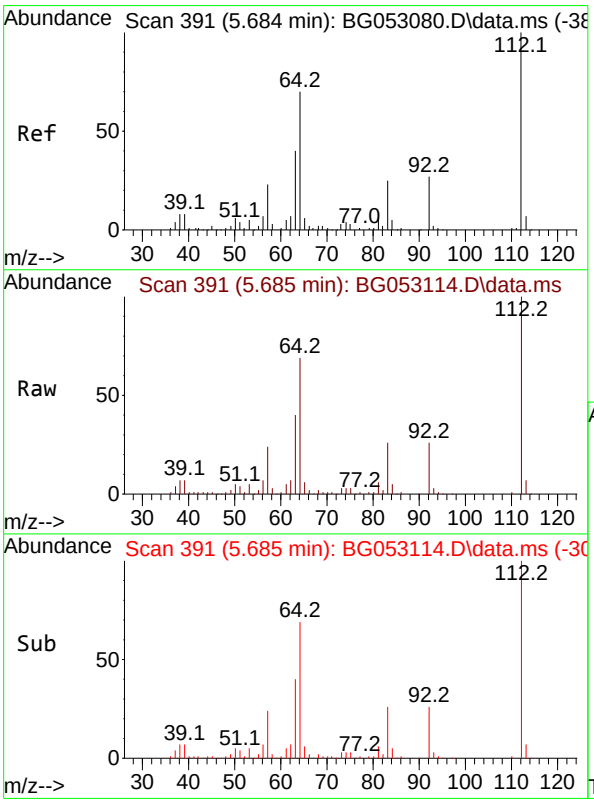
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 8(
Delta R.T. -0.005 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:152 Resp: 33809

Ion	Ratio	Lower	Upper
152	100		
150	151.3	114.6	172.0
115	58.1	45.9	68.9

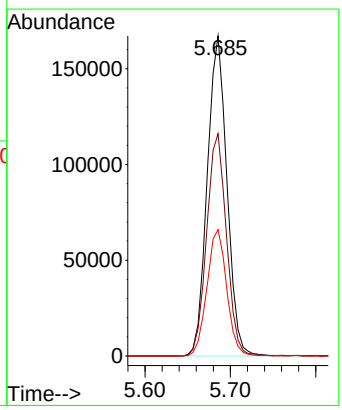


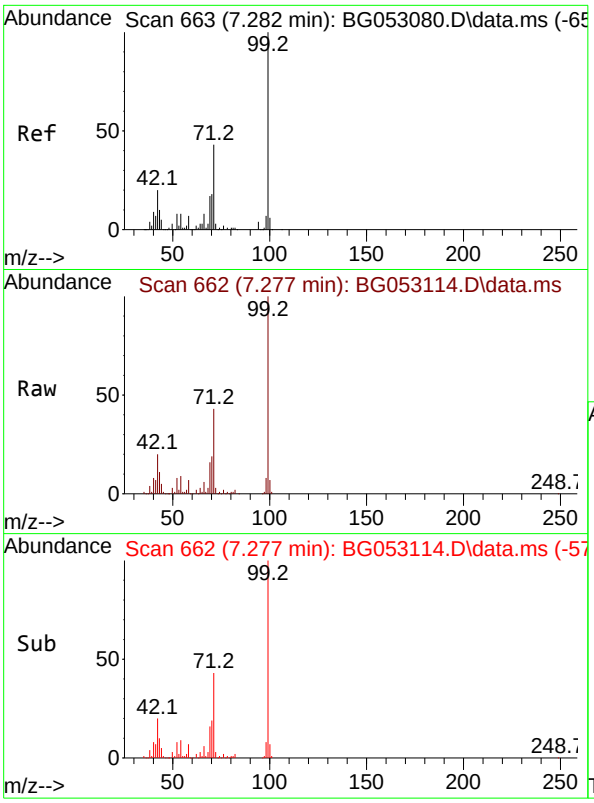


#5
2-Fluorophenol
Concen: 136.174 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion:112 Resp: 268577

Ion	Ratio	Lower	Upper
112	100		
64	69.5	48.0	72.0
63	39.5	26.5	39.7



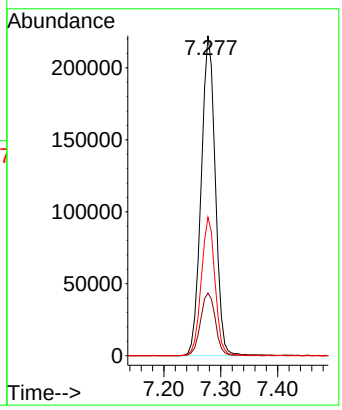


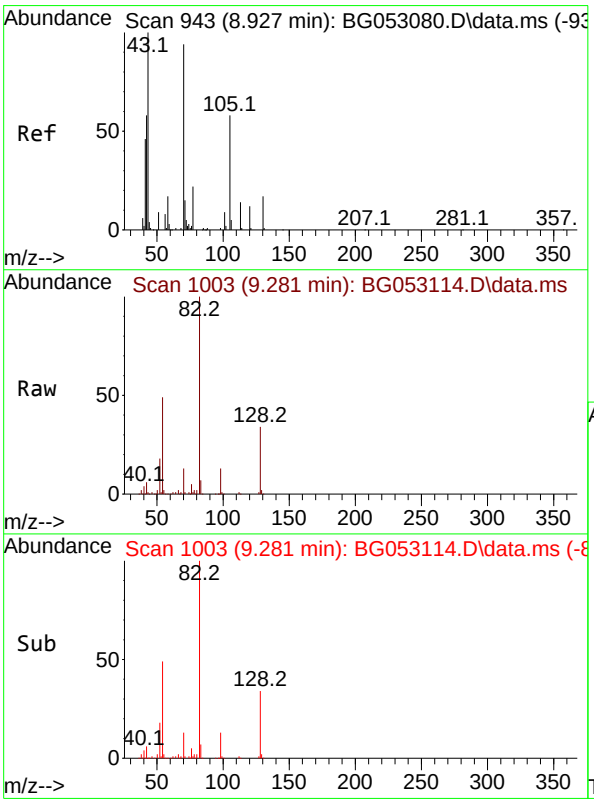
#7
Phenol-d6
Concen: 125.927 ng
RT: 7.277 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion: 99 Resp: 383009

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.7	22.1
71	43.2	29.2	43.8

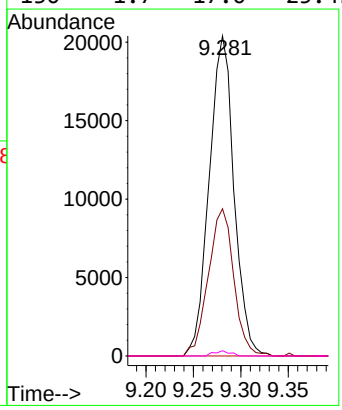


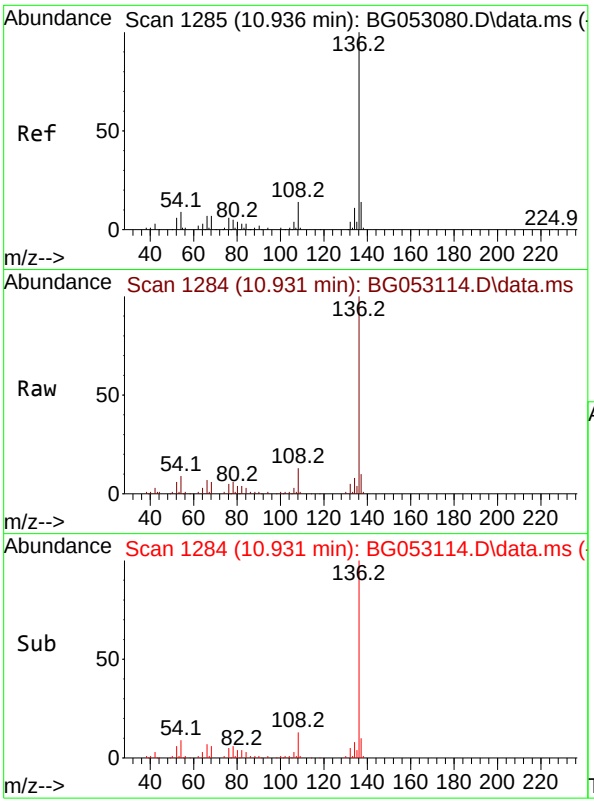


#19
n-Nitroso-di-n-propylamine
Concen: 16.662 ng
RT: 9.281 min Scan# 1003
Delta R.T. 0.354 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion: 70 Resp: 37102

Ion	Ratio	Lower	Upper
70	100		
42	46.0	46.0	69.0
101	0.0	6.2	9.4#
130	1.7	17.0	25.4#



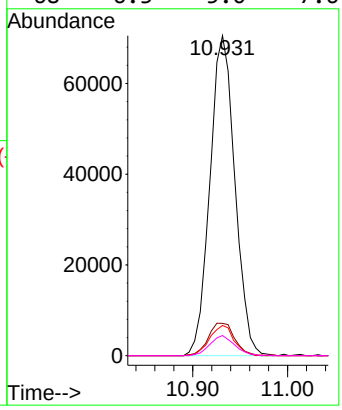


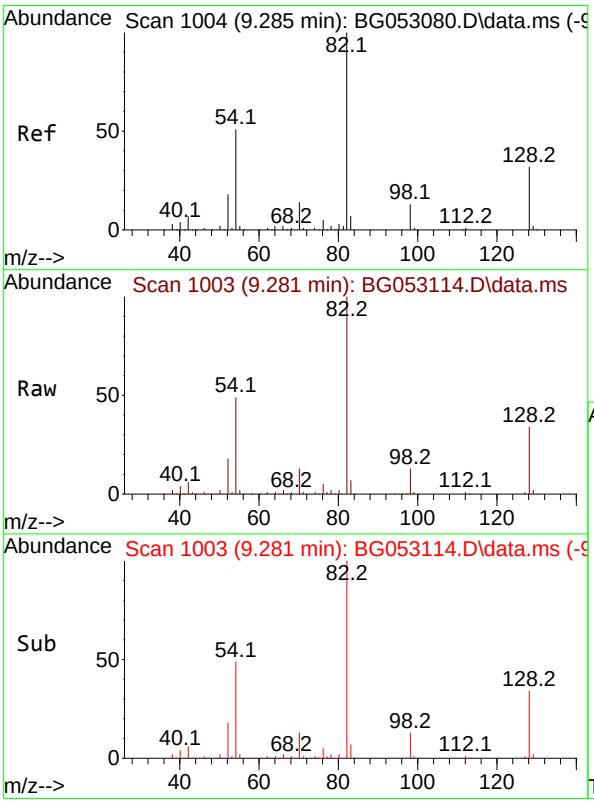
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:136 Resp: 129145

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.4	14.2
54	9.4	6.4	9.6
68	6.3	5.0	7.6

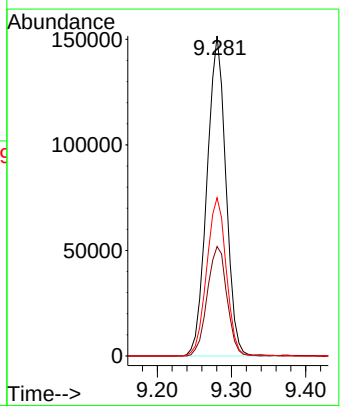


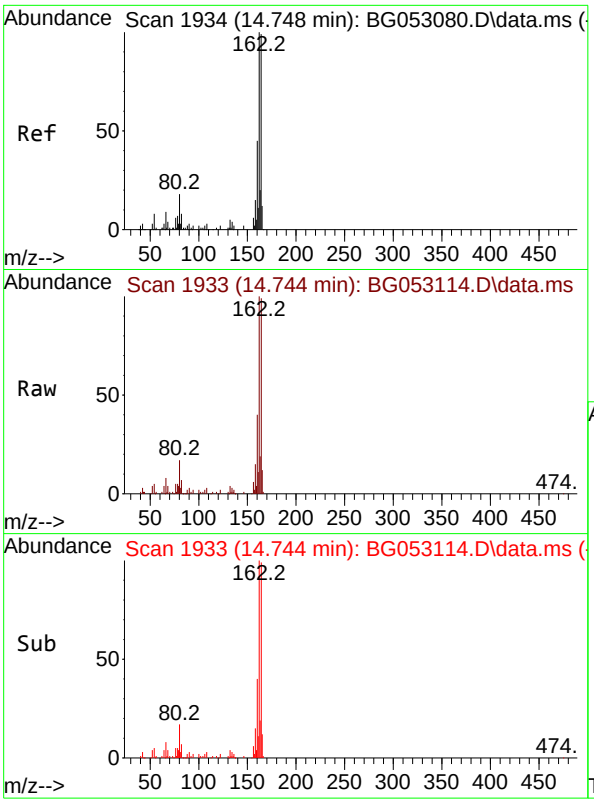


#23
Nitrobenzene-d5
Concen: 84.443 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion: 82 Resp: 268583

Ion	Ratio	Lower	Upper
82	100		
128	34.2	31.3	46.9
54	49.4	37.8	56.8



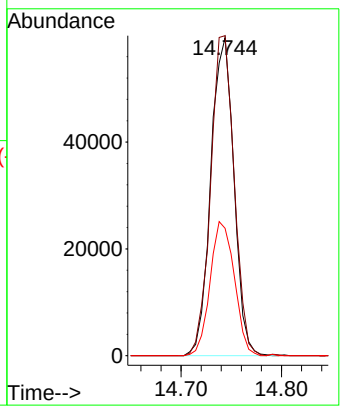


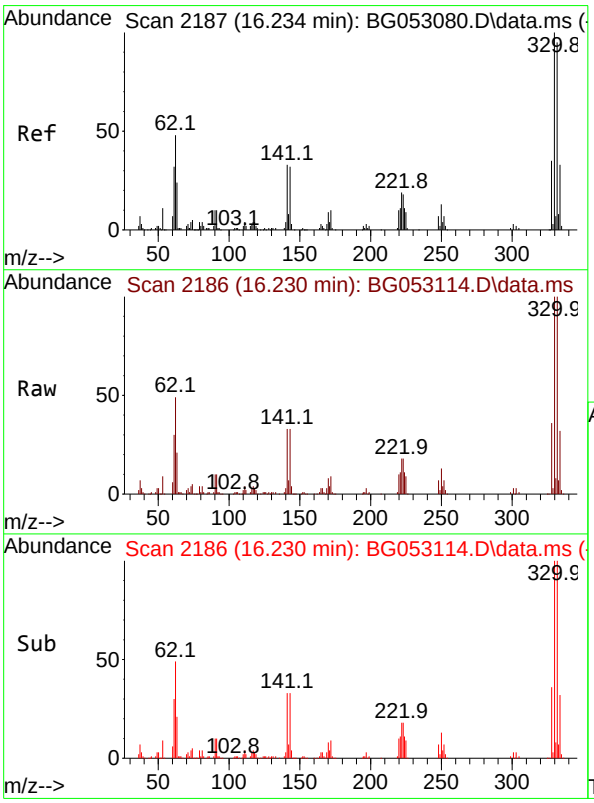
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:164 Resp: 95017

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.0	120.0
160	40.0	38.8	58.2

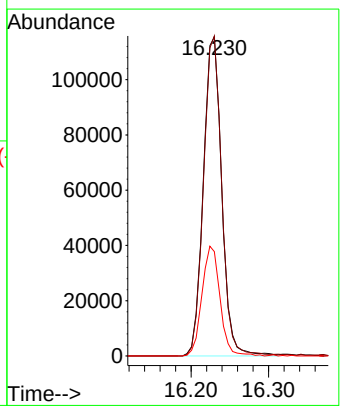


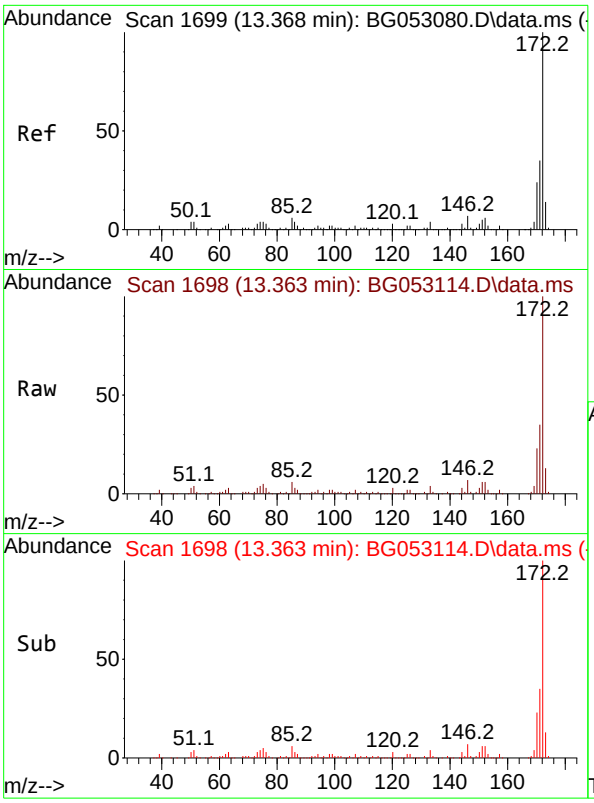


#42
2,4,6-Tribromophenol
Concen: 125.628 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.004 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion:330 Resp: 189909

Ion	Ratio	Lower	Upper
330	100		
332	99.4	75.8	113.6
141	33.8	24.6	36.8



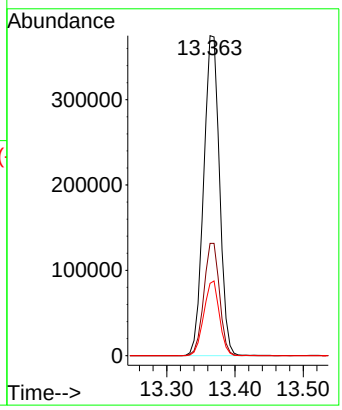


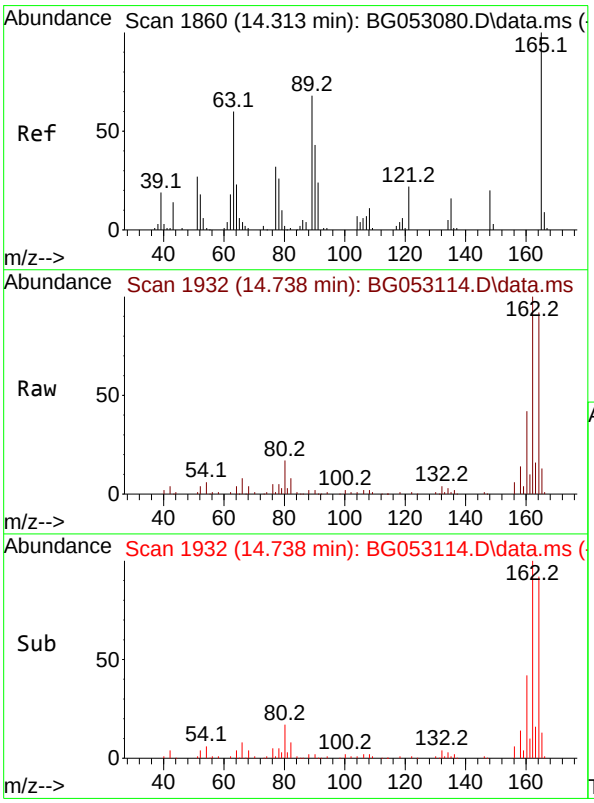
#45
2-Fluorobiphenyl
Concen: 87.833 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:172 Resp: 605235

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.6	18.0	27.0

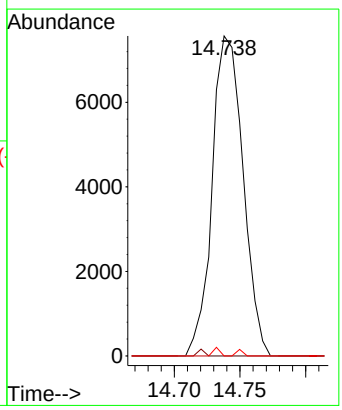


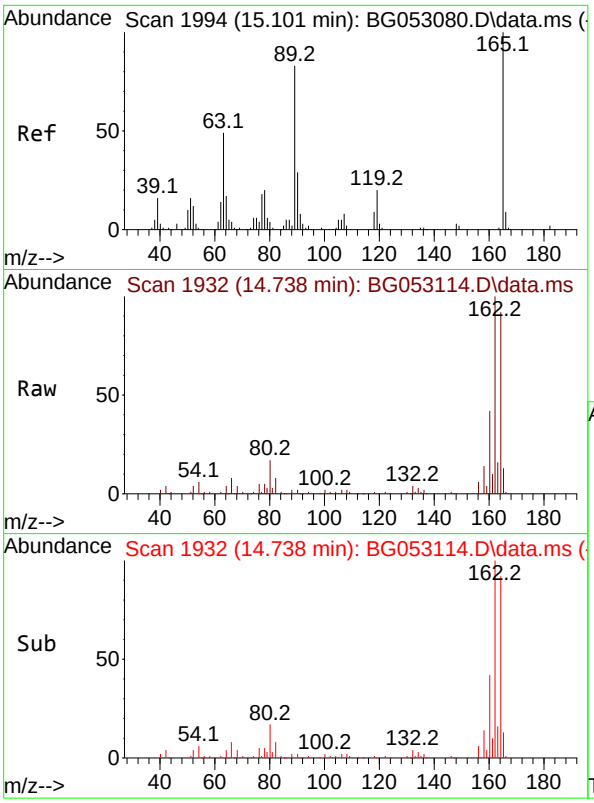


#51
2,6-Dinitrotoluene
Concen: 7.826 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion:165 Resp: 12408

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



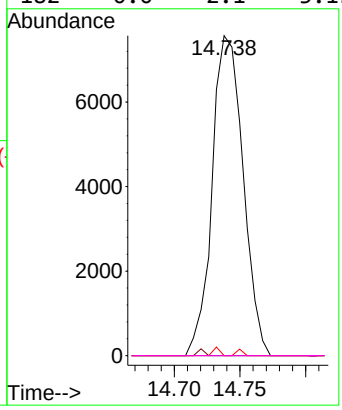


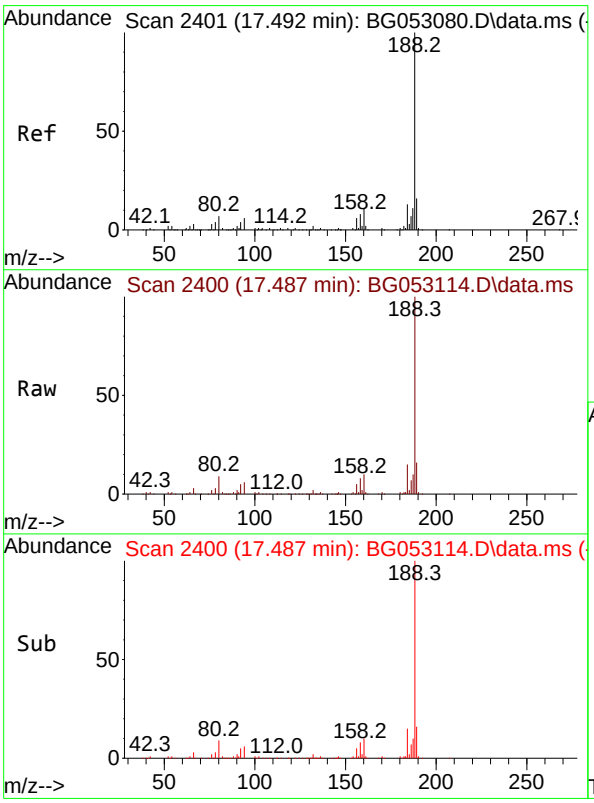
#57
2,4-Dinitrotoluene
Concen: 5.497 ng
RT: 14.738 min Scan# 1
Delta R.T. -0.363 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:165 Resp: 12408

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#

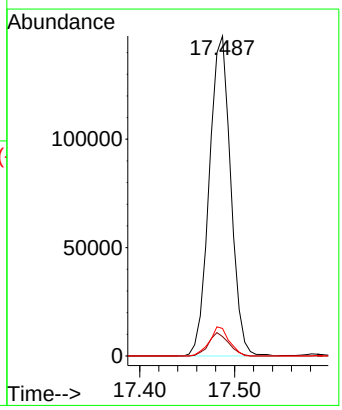


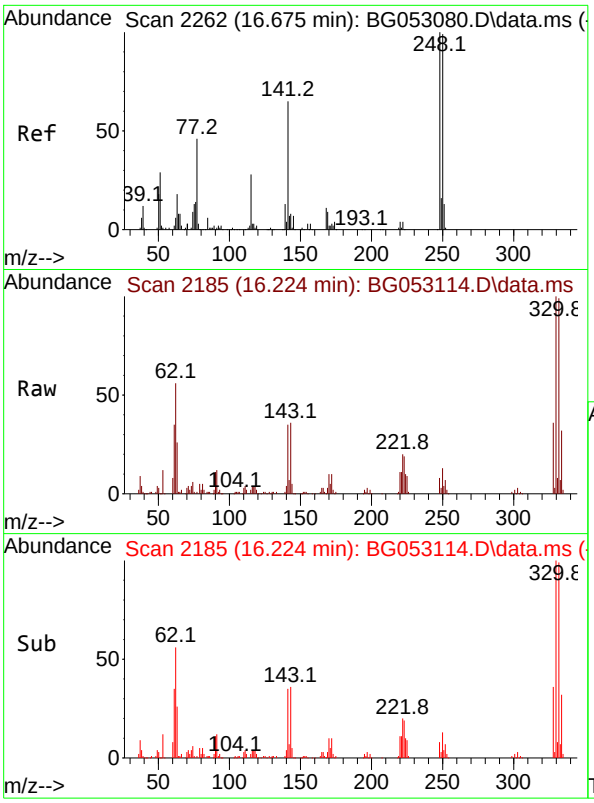


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.004 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion:188 Resp: 232058

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	8.6	7.2	10.8



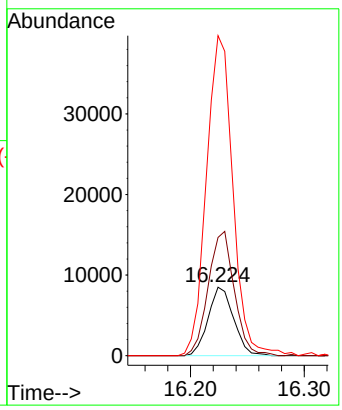


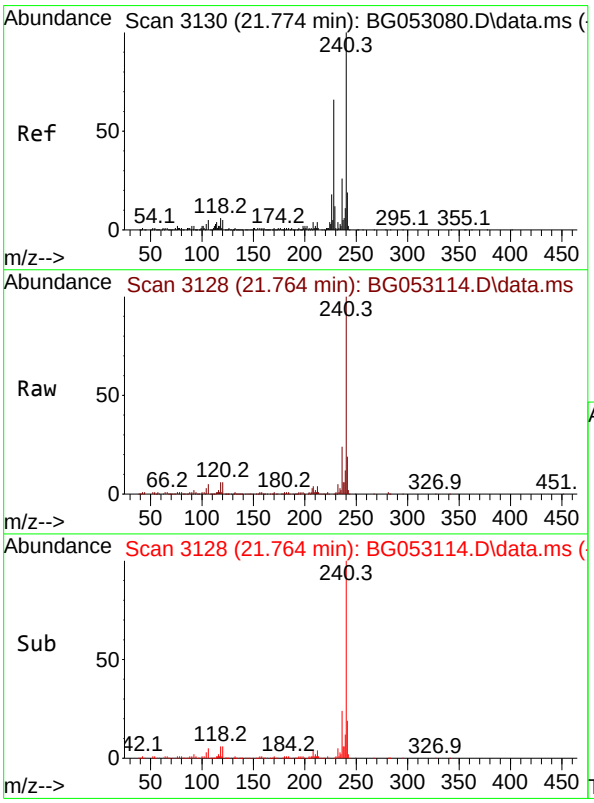
#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 16.224 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:248 Resp: 13229

Ion	Ratio	Lower	Upper
248	100		
250	172.5	77.9	116.9#
141	466.7	49.2	73.8#

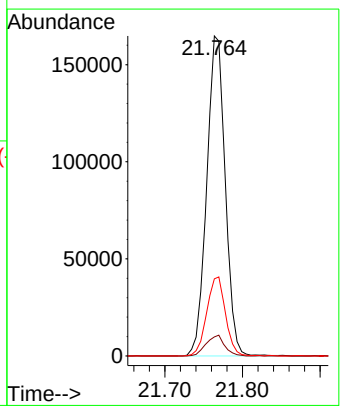


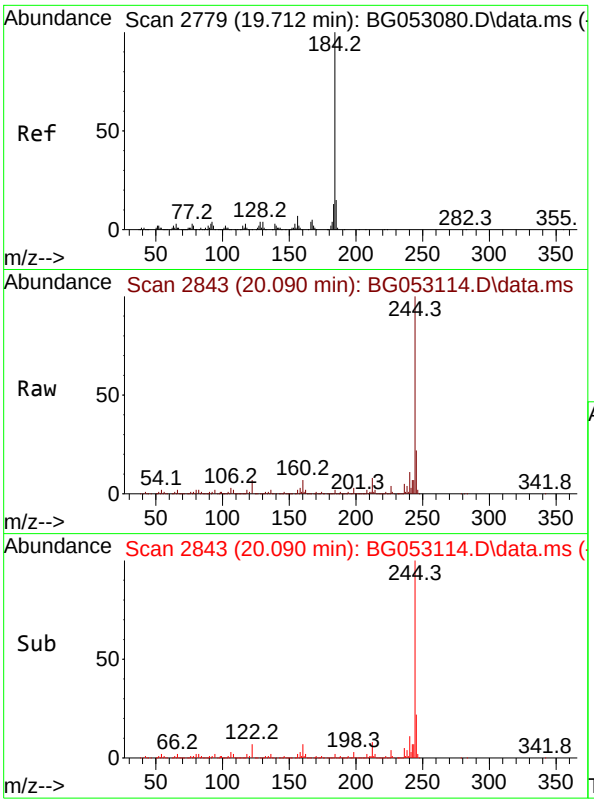


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion:240 Resp: 274218

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.4	8.0
236	24.1	19.8	29.6



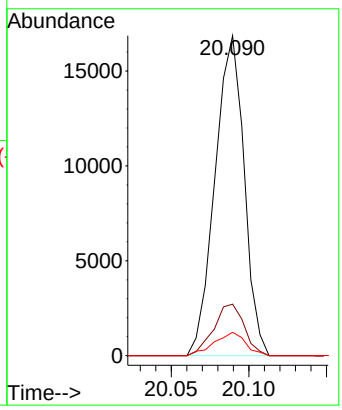


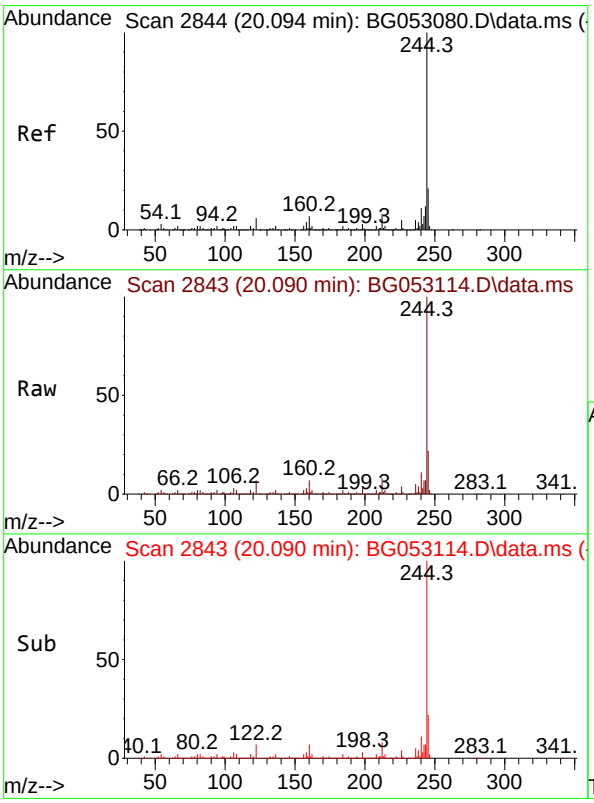
#77
Benzidine
Concen: 2.815 ng
RT: 20.090 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:184 Resp: 22022

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.5	17.3
183	7.3	9.4	14.2#

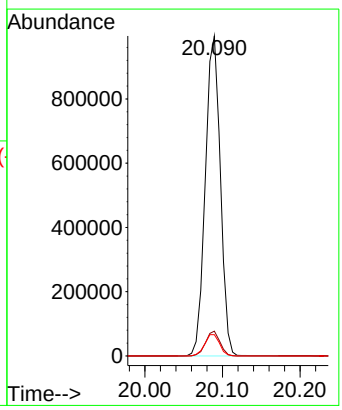


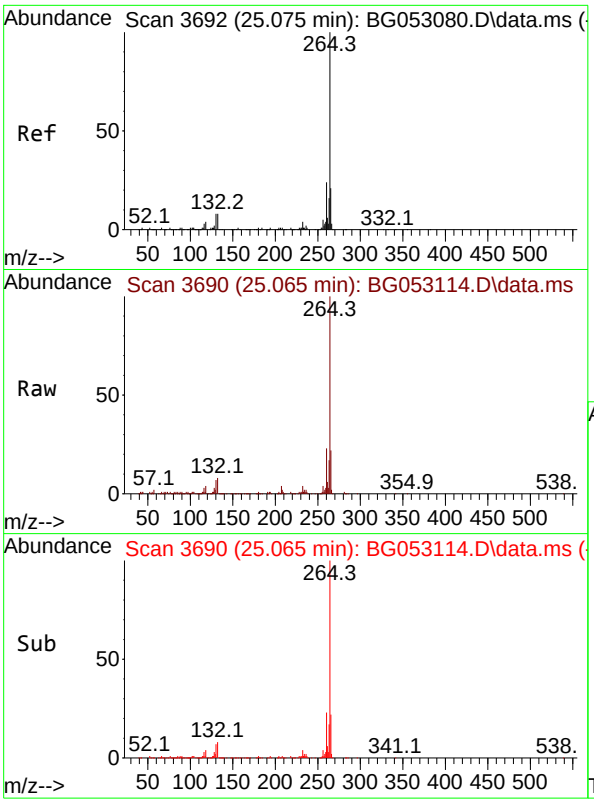


#79
Terphenyl-d14
Concen: 82.520 ng
RT: 20.090 min Scan# 2843
Delta R.T. -0.004 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Tgt Ion:244 Resp: 1339834

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	6.7	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG053114.D
Acq: 12 Apr 2022 11:07

Instrument :
BNA_G
ClientSampleId :
PB143991TB

Tgt Ion:264 Resp: 273386

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.0	15.1	22.7