Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
Data File : BG053071.D
Acq On : 7 Apr 2022 13:05
Operator : CG/JU
Sample : PB143883BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Quant Time: Apr 08 07:22:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 14:35:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	31544	20.000	ng	0.00
21) Naphthalene-d8	10.939	136	125080	20.000	ng	# 0.00
39) Acenaphthene-d10	14.746	164	98772	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	241406	20.000	ng	0.00
76) Chrysene-d12	21.777	240	232953	20.000	ng	0.00
86) Perylene-d12	25.085	264	228761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	239698	132.335	ng	0.00
7) Phenol-d6	7.285	99	358916	131.436	ng	0.00
23) Nitrobenzene-d5	9.288	82	253362	101.665	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	196972	148.408	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	580233	86.639	ng	0.00
79) Terphenyl-d14	20.097	244	1179308	90.053	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.279	77	772	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.288	70	35431	18.320	ng	# 80
51) 2,6-Dinitrotoluene	14.746	165	13815	11.146	ng	# 25
57) 2,4-Dinitrotoluene	14.746	165	13815	8.033	ng	# 24
67) 4-Bromophenyl-phenylether	16.232	248	12609	4.332	ng	# 1
77) Benzidine	20.097	184	20302	3.379	ng	# 91

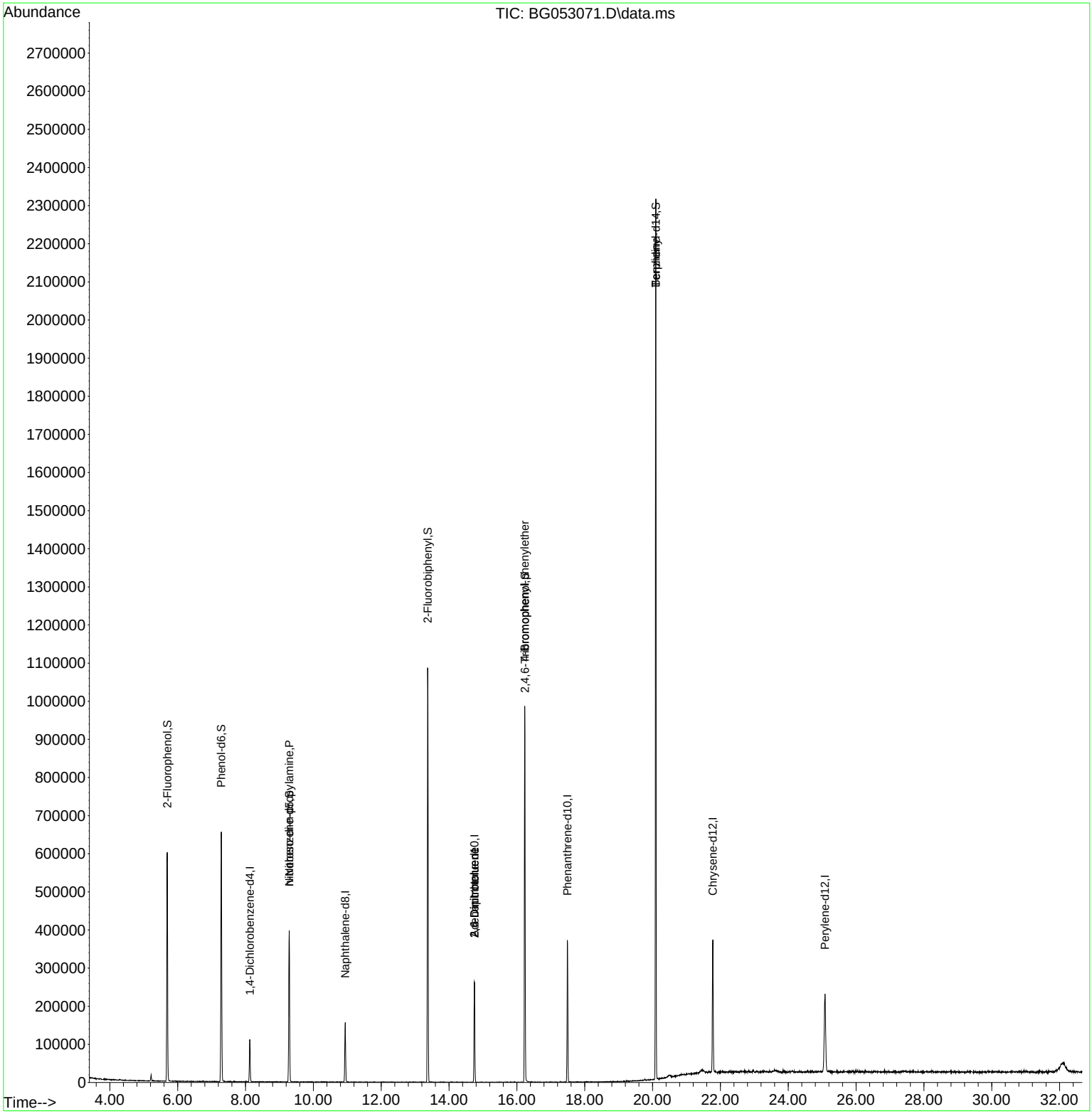
(#) = qualifier out of range (m) = manual integration (+) = signals summed

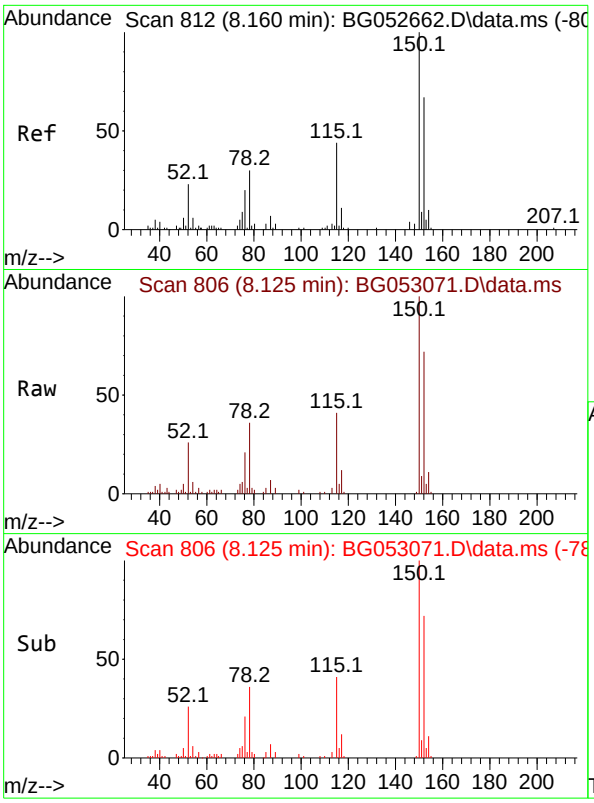
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
Data File : BG053071.D
Acq On : 7 Apr 2022 13:05
Operator : CG/JU
Sample : PB143883BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Quant Time: Apr 08 07:22:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 14:35:39 2022
Response via : Initial Calibration



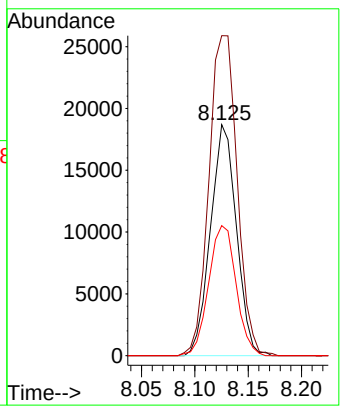


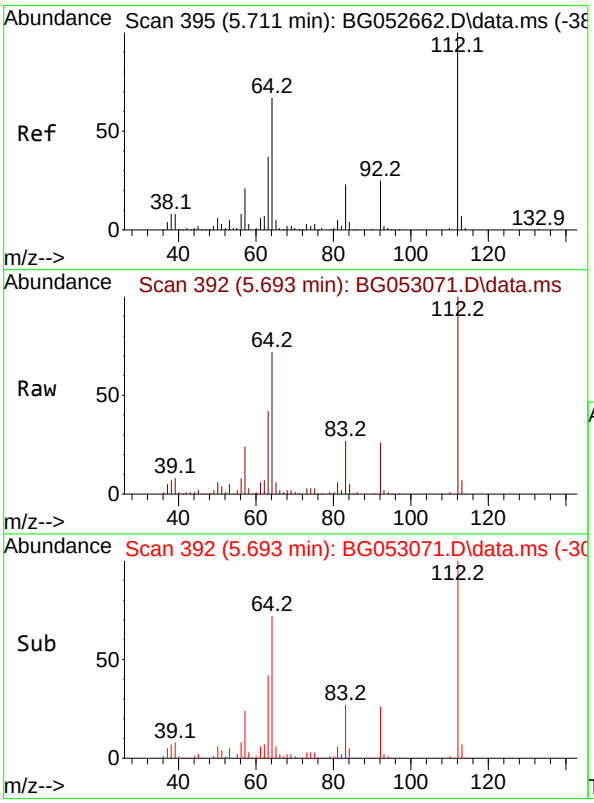
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 8(
Delta R.T. -0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:152 Resp: 31544

Ion	Ratio	Lower	Upper
152	100		
150	138.5	114.6	172.0
115	56.3	45.9	68.9

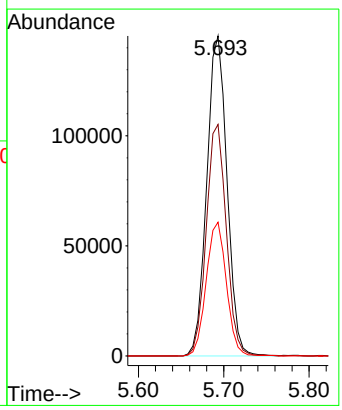


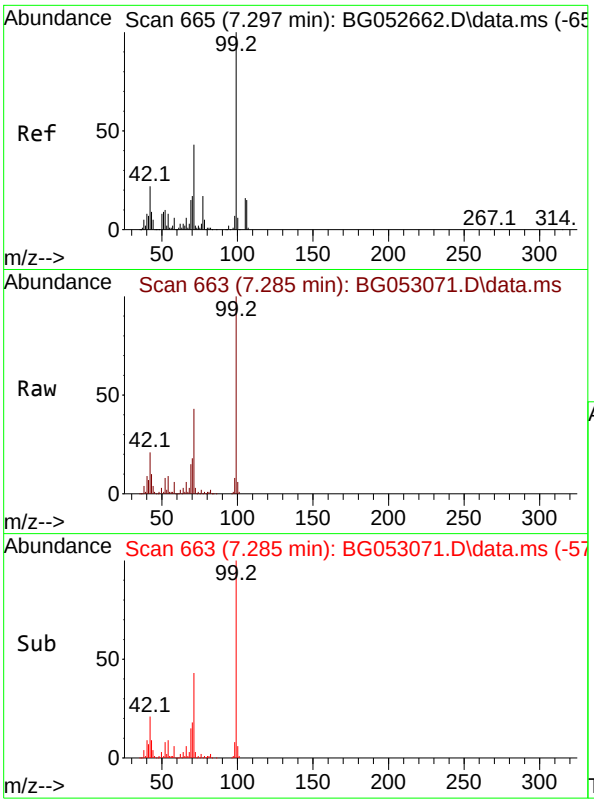


#5
2-Fluorophenol
Concen: 132.335 ng
RT: 5.693 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion:112 Resp: 239698

Ion	Ratio	Lower	Upper
112	100		
64	72.4	48.0	72.0#
63	41.8	26.5	39.7#



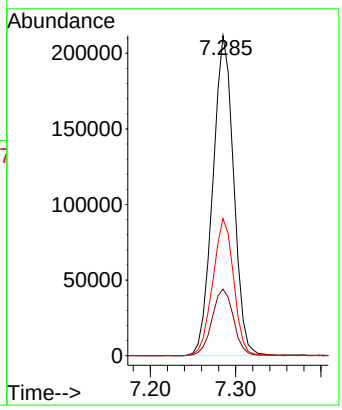


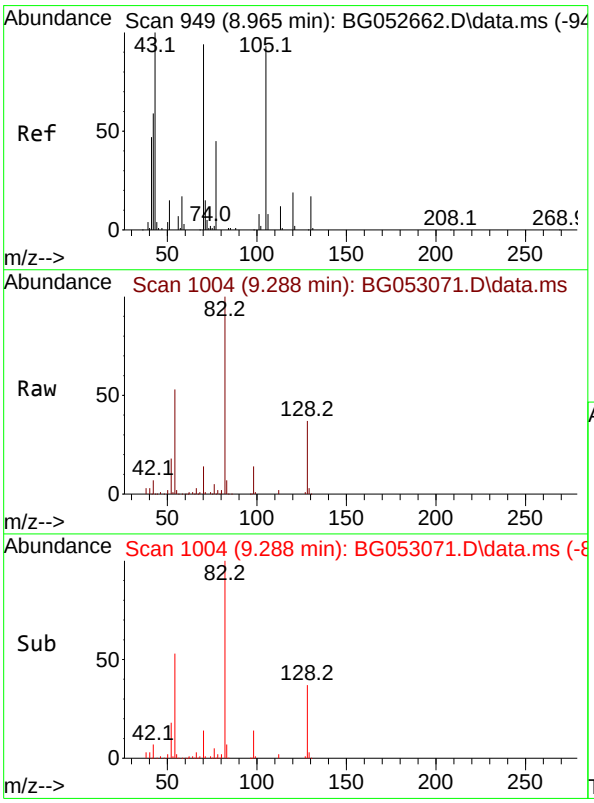
#7
Phenol-d6
Concen: 131.436 ng
RT: 7.285 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion: 99 Resp: 358916

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.7	22.1
71	42.9	29.2	43.8

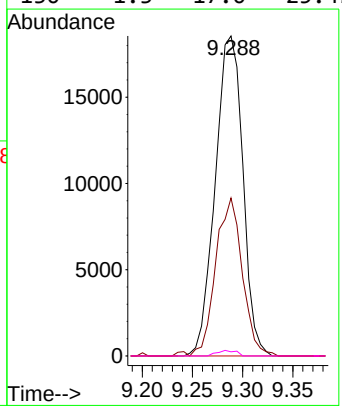


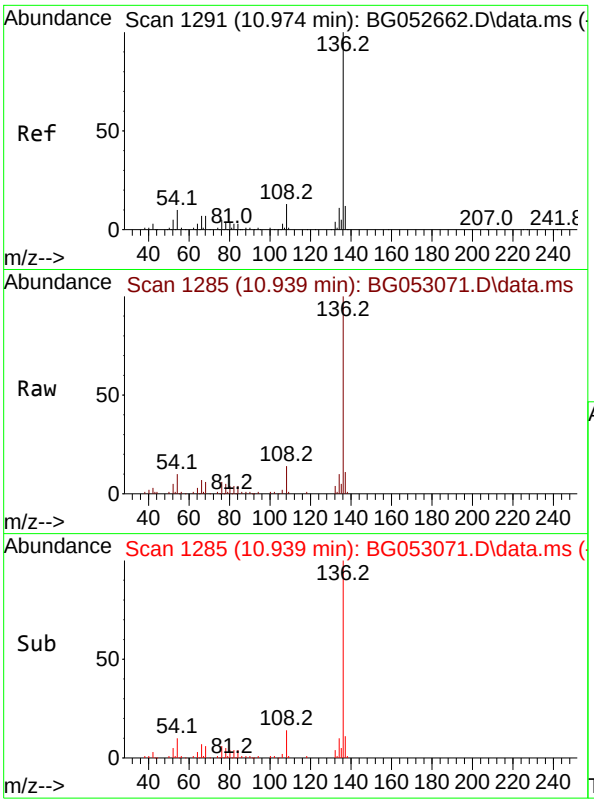


#19
n-Nitroso-di-n-propylamine
Concen: 18.320 ng
RT: 9.288 min Scan# 1004
Delta R.T. 0.361 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion: 70 Resp: 35431

Ion	Ratio	Lower	Upper
70	100		
42	49.4	46.0	69.0
101	0.0	6.2	9.4#
130	1.3	17.0	25.4#



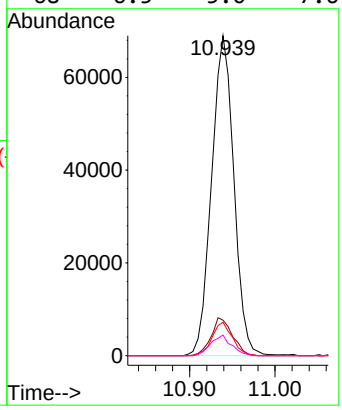


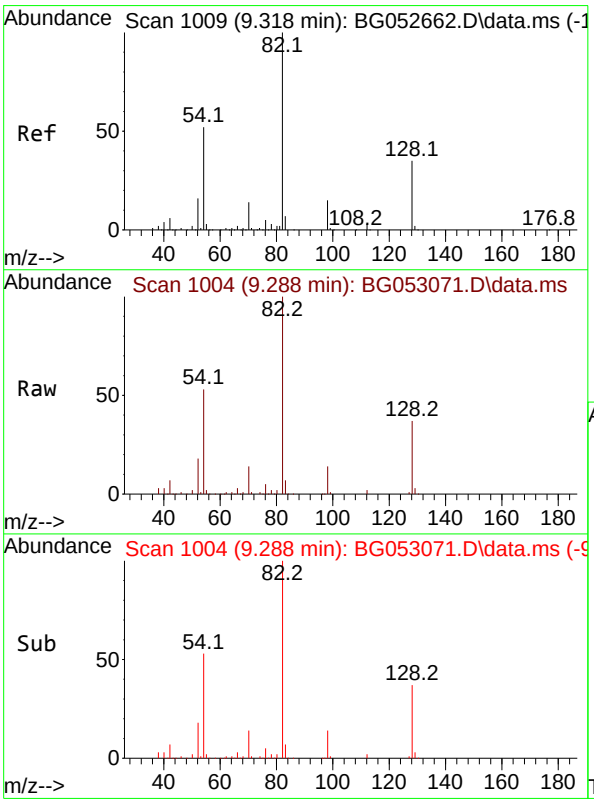
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:136 Resp: 125080

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	10.5	6.4	9.6#
68	6.5	5.0	7.6

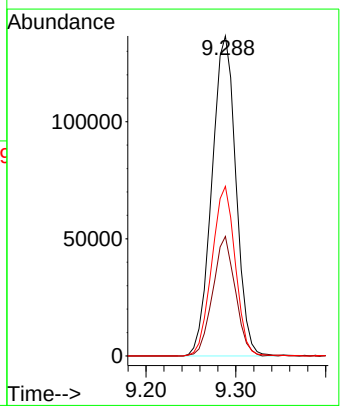


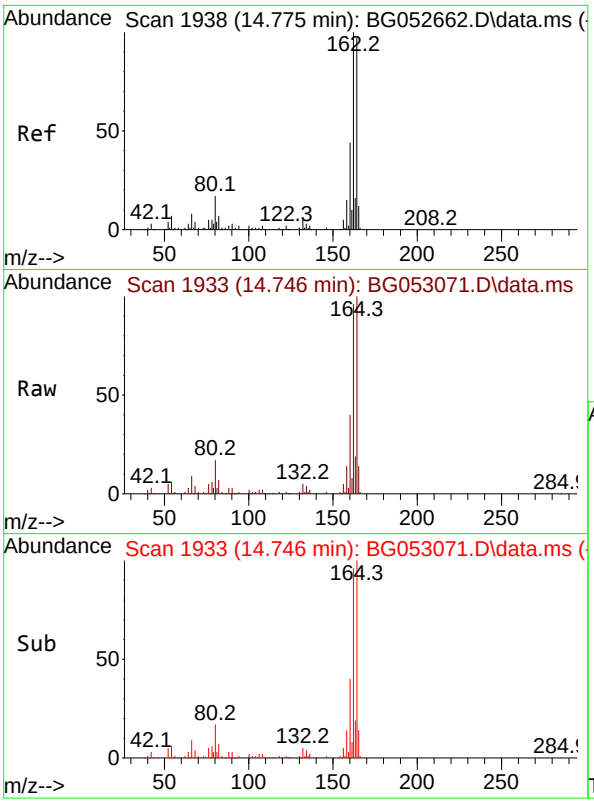


#23
Nitrobenzene-d5
Concen: 101.665 ng
RT: 9.288 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion: 82 Resp: 253362

Ion	Ratio	Lower	Upper
82	100		
128	37.3	31.3	46.9
54	53.0	37.8	56.8



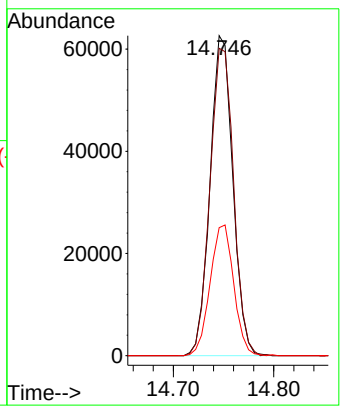


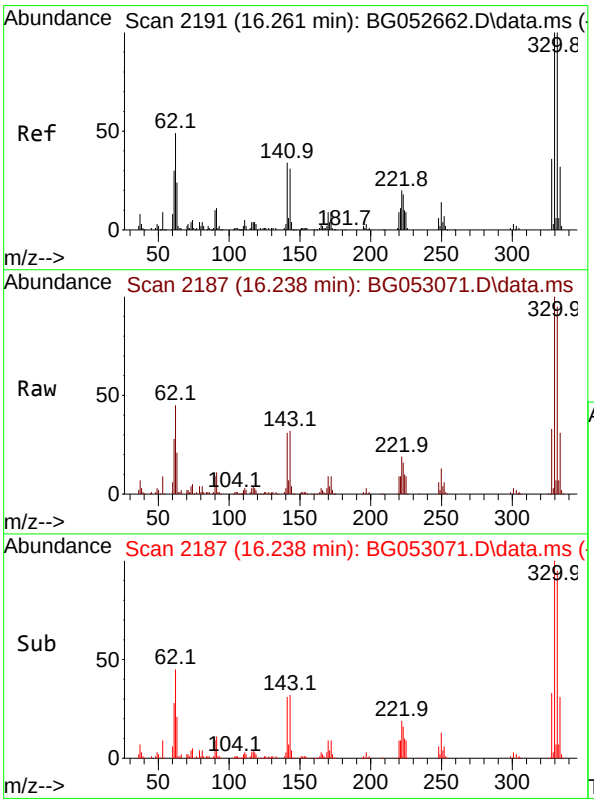
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:164 Resp: 98772

Ion	Ratio	Lower	Upper
164	100		
162	96.0	80.0	120.0
160	40.0	38.8	58.2

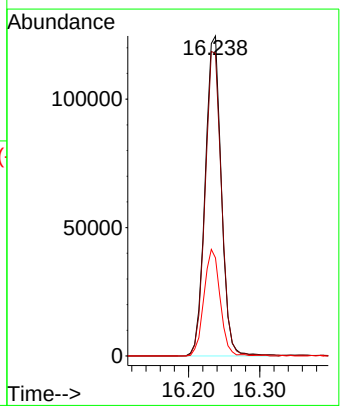


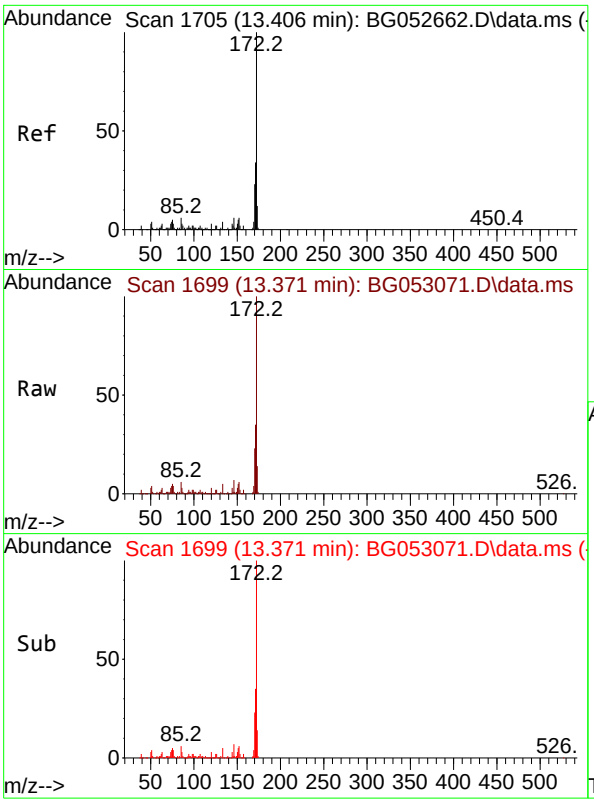


#42
2,4,6-Tribromophenol
Concen: 148.408 ng
RT: 16.238 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion:330 Resp: 196972

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.6
141	33.4	24.6	36.8



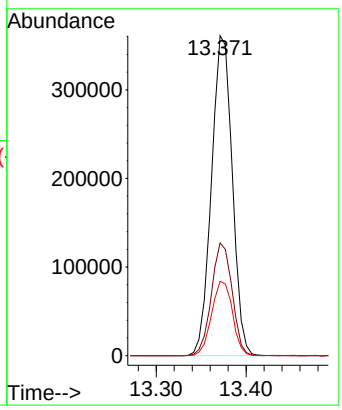


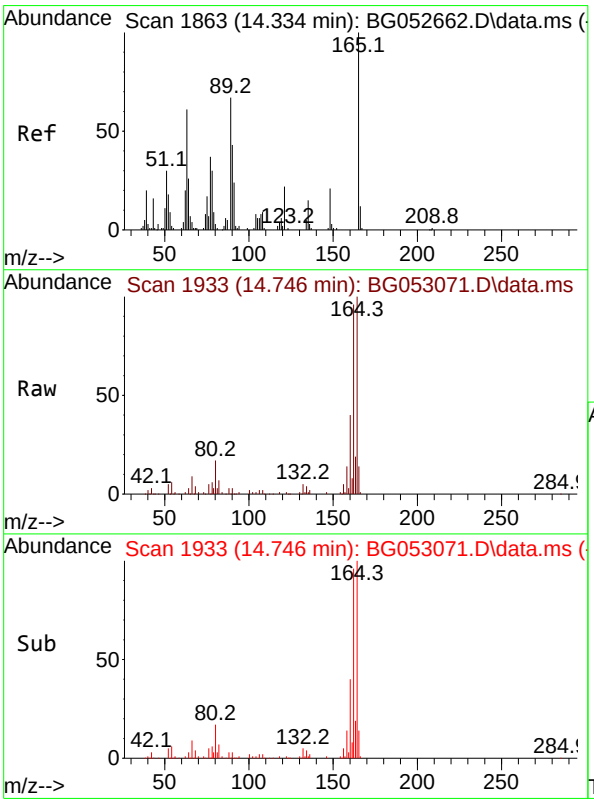
#45
2-Fluorobiphenyl
Concen: 86.639 ng
RT: 13.371 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:172 Resp: 580233

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.3	18.0	27.0

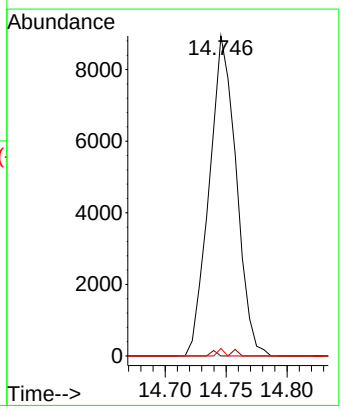


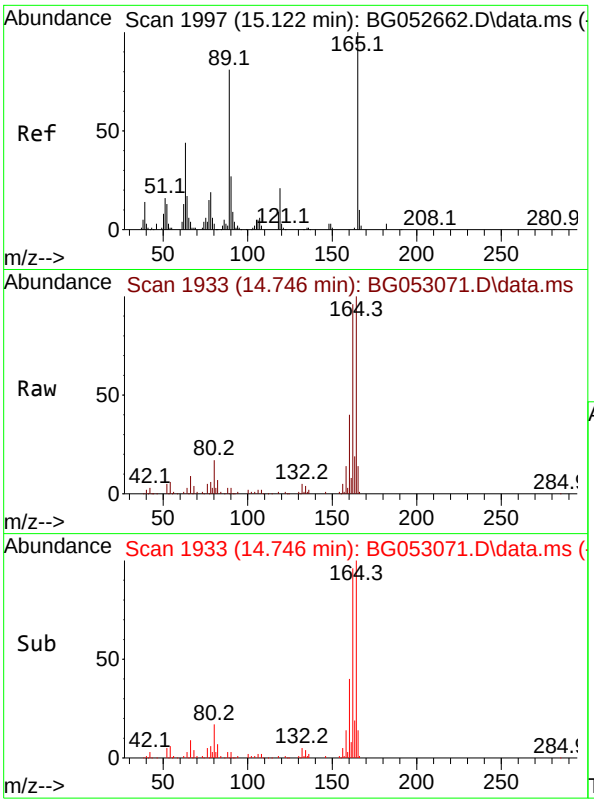


#51
2,6-Dinitrotoluene
Concen: 11.146 ng
RT: 14.746 min Scan# 1933
Delta R.T. 0.432 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion:165 Resp: 13815

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	2.3	45.0	67.4#



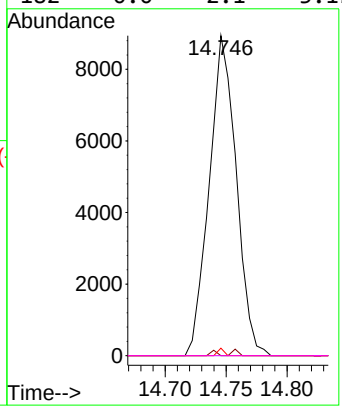


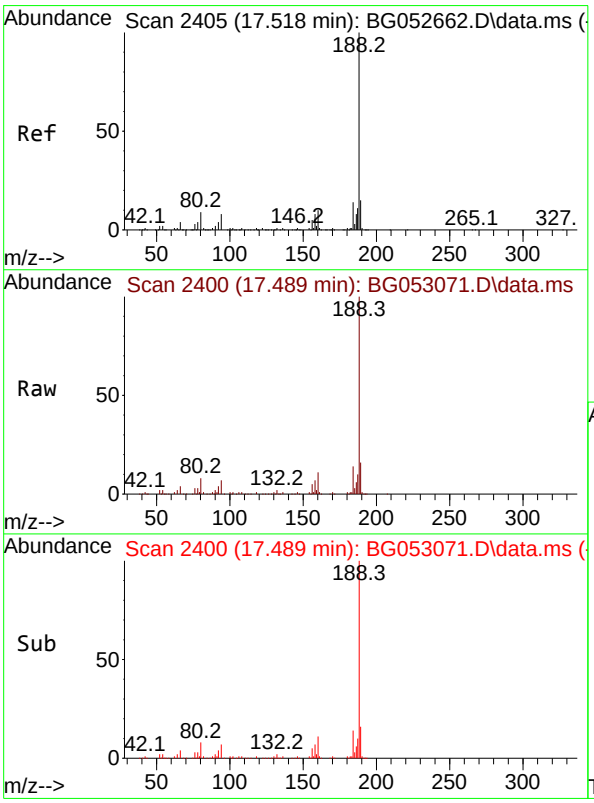
#57
2,4-Dinitrotoluene
Concen: 8.033 ng
RT: 14.746 min Scan# 1
Delta R.T. -0.355 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:165 Resp: 13815

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	2.3	57.4	86.0#
182	0.0	2.1	3.1#

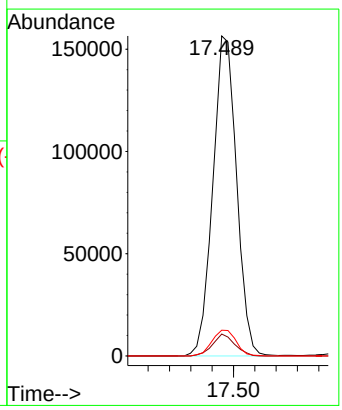


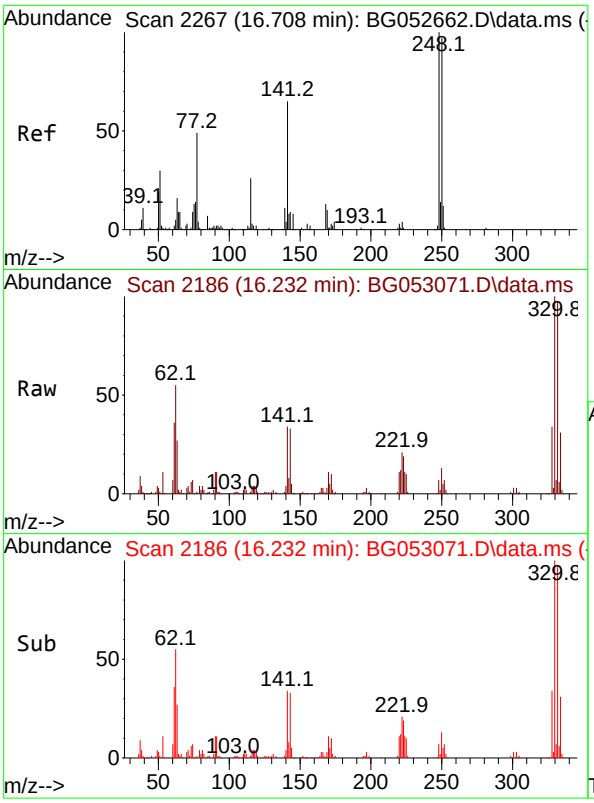


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion:188 Resp: 241406

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	8.1	7.2	10.8



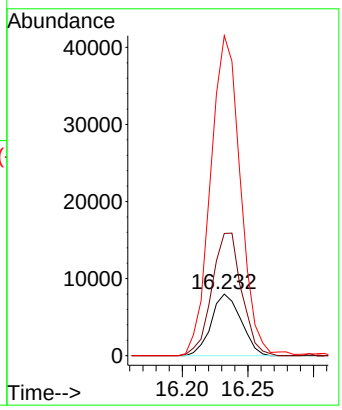


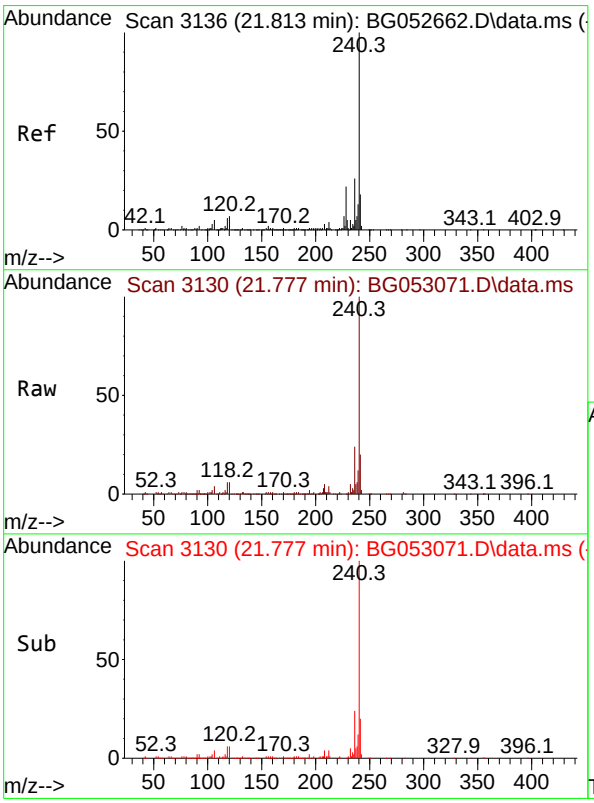
#67
4-Bromophenyl-phenylether
Concen: 4.332 ng
RT: 16.232 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:248 Resp: 12609

Ion	Ratio	Lower	Upper
248	100		
250	198.6	77.9	116.9#
141	519.8	49.2	73.8#

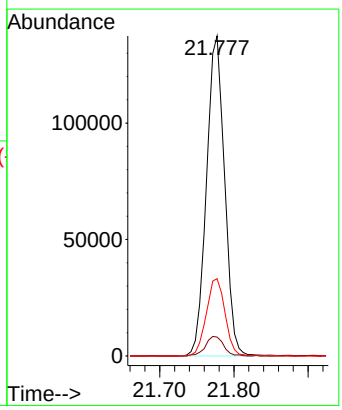


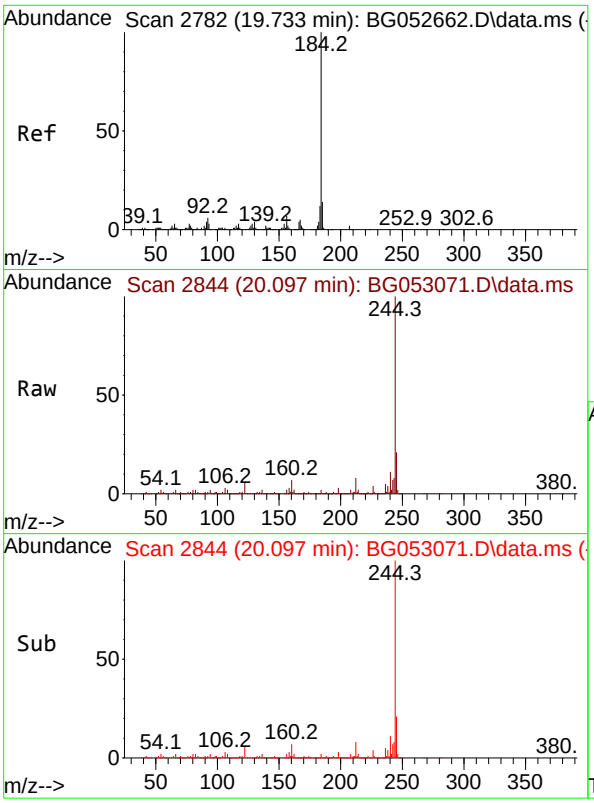


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion:240 Resp: 232953

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.4	8.0
236	24.2	19.8	29.6



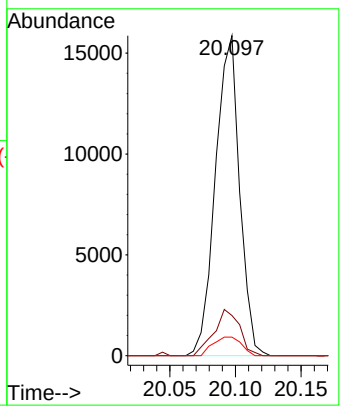


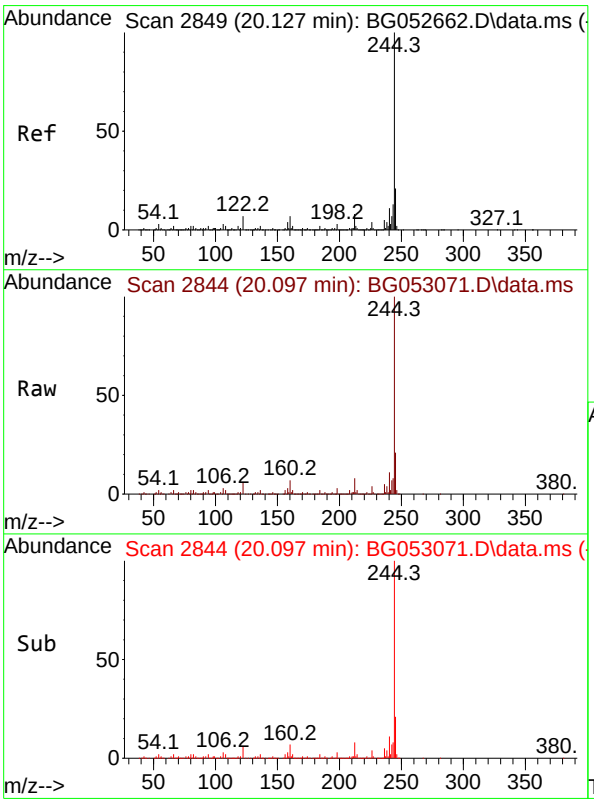
#77
Benzidine
Concen: 3.379 ng
RT: 20.097 min Scan# 2
Delta R.T. 0.385 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:184 Resp: 20302

Ion	Ratio	Lower	Upper
184	100		
185	12.5	11.5	17.3
183	5.8	9.4	14.2#

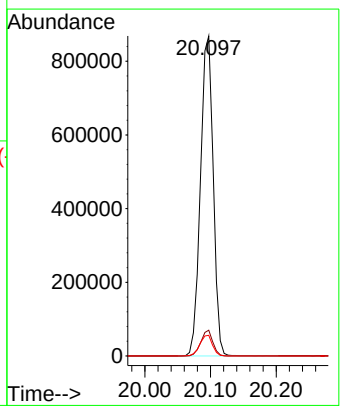


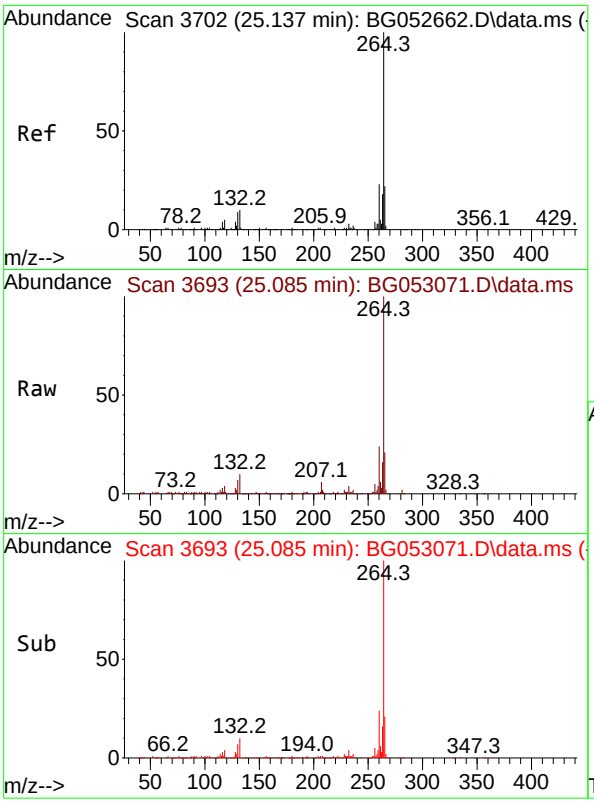


#79
Terphenyl-d14
Concen: 90.053 ng
RT: 20.097 min Scan# 2844
Delta R.T. 0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Tgt Ion:244 Resp: 1179308

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.2
122	6.5	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.085 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG053071.D
Acq: 7 Apr 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB143883BL

Tgt Ion:264 Resp: 228761

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	20.9	15.1	22.7