Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
Data File : BG053396.D
Acq On : 2 May 2022 13:05
Operator : CG/JU
Sample : N2616-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-18D

Quant Time: May 02 16:47:25 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	8.099	152	27560	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	100116	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	69151	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	171522	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	194825	20.000	ng	-0.01
86) Perylene-d12	25.047	264	203129	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	227660	141.600	ng	0.00
7) Phenol-d6	7.265	99	287645	116.017	ng	0.00
23) Nitrobenzene-d5	9.262	82	251623	102.049	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	169209	153.803	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	508753	101.448	ng	0.00
79) Terphenyl-d14	20.077	244	1049491	90.979	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.424	93	6314	2.197	ng	# 93
11) bis(2-Chloroethyl)ether	7.424	93	6314	3.549	ng	# 26
19) n-Nitroso-di-n-propyla...	9.262	70	35608	19.617	ng	# 82
51) 2,6-Dinitrotoluene	14.725	165	9017	7.815	ng	# 26
57) 2,4-Dinitrotoluene	14.725	165	9017	5.489	ng	# 24
67) 4-Bromophenyl-phenylether	16.212	248	11319	5.150	ng	# 1
77) Benzidine	19.695	184	404092	72.696	ng	98

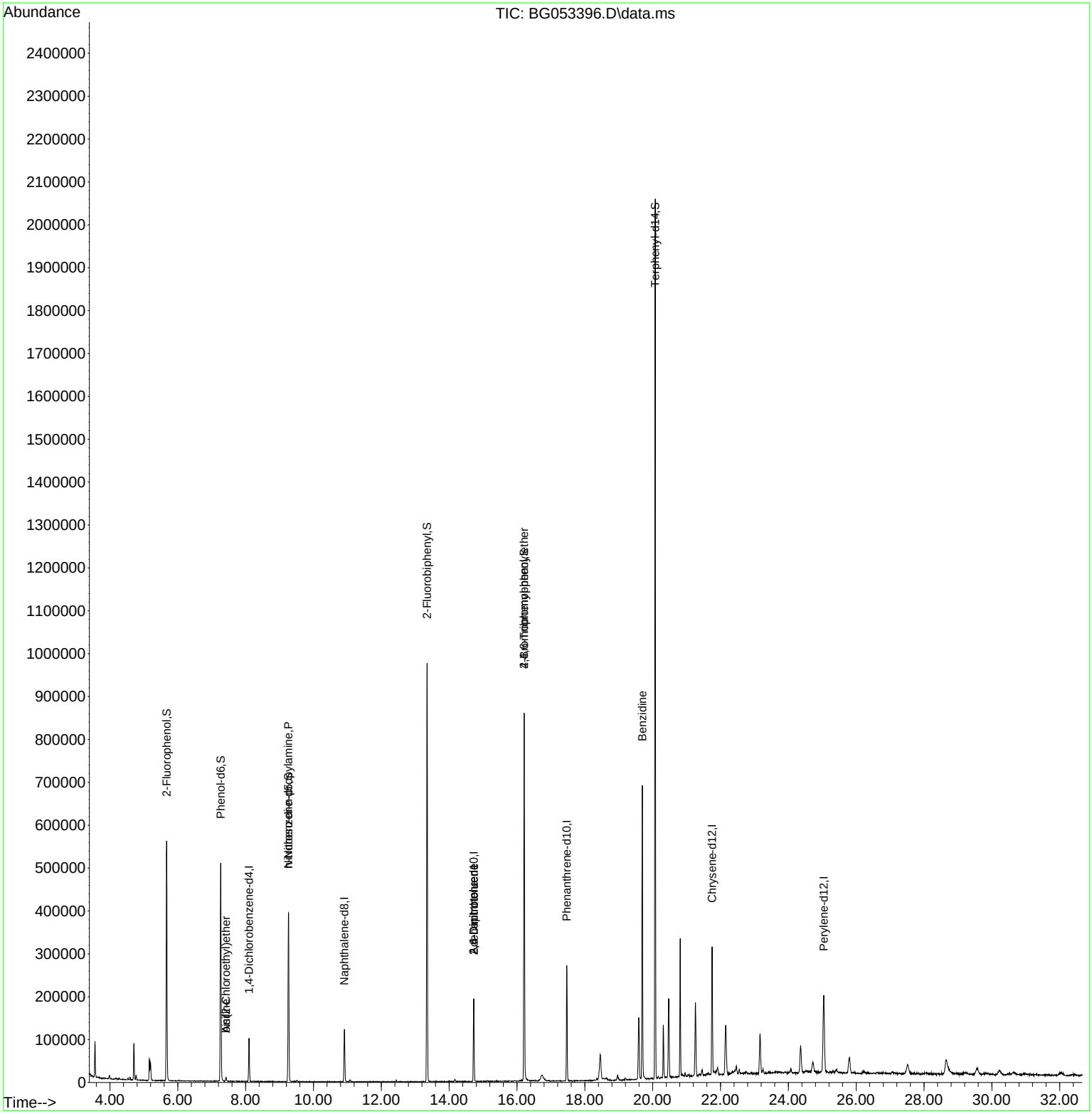
(#) = qualifier out of range (m) = manual integration (+) = signals summed

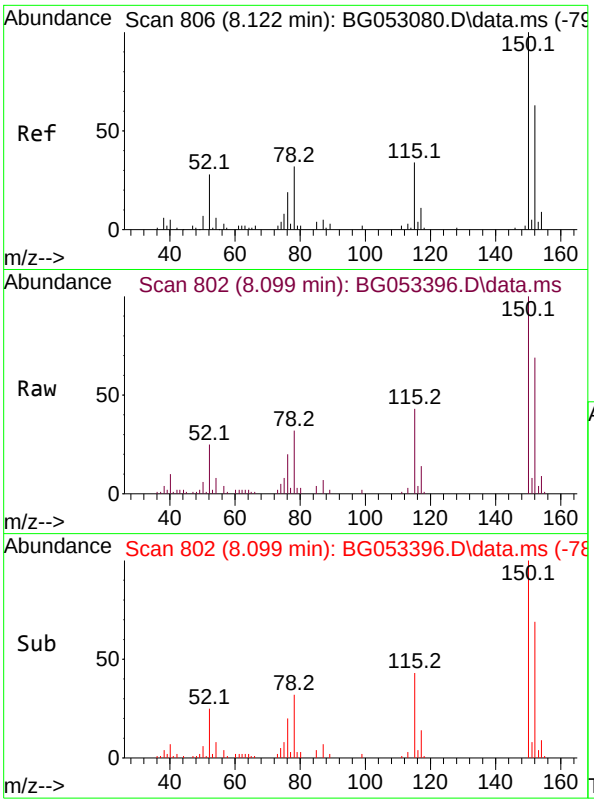
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
Data File : BG053396.D
Acq On : 2 May 2022 13:05
Operator : CG/JU
Sample : N2616-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-18D

Quant Time: May 02 16:47:25 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



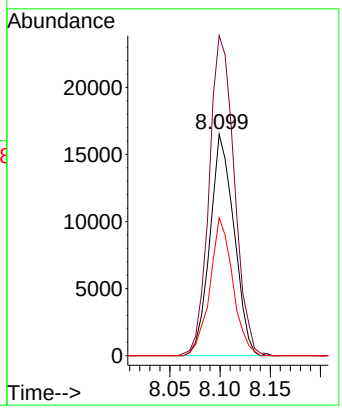


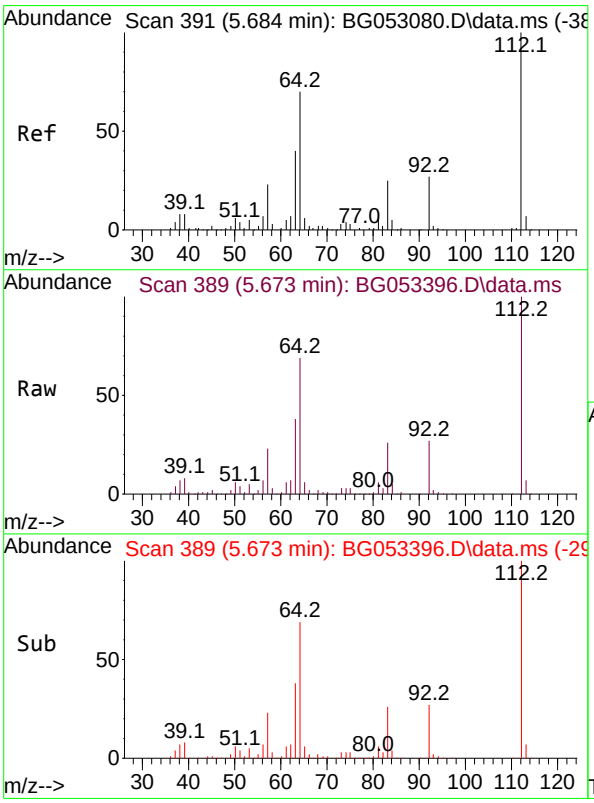
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 8(
Delta R.T. -0.014 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:152 Resp: 27560

Ion	Ratio	Lower	Upper
152	100		
150	144.5	114.6	172.0
115	62.3	45.9	68.9

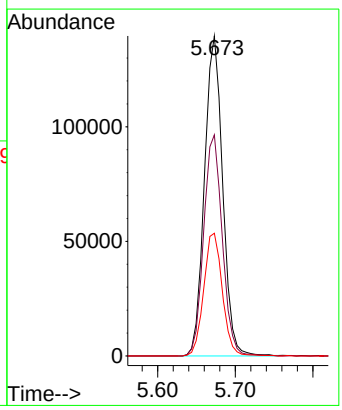


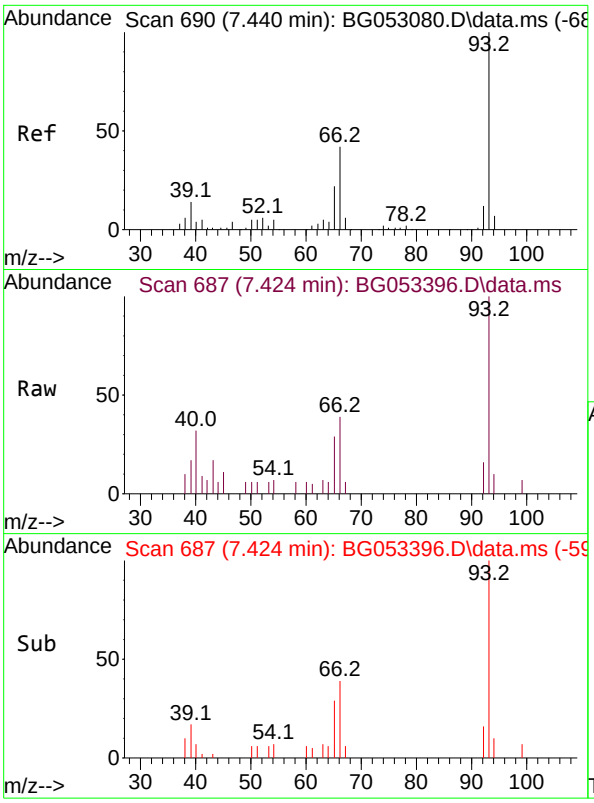


#5
2-Fluorophenol
Concen: 141.600 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion:112 Resp: 227660

Ion	Ratio	Lower	Upper
112	100		
64	69.1	48.0	72.0
63	38.4	26.5	39.7



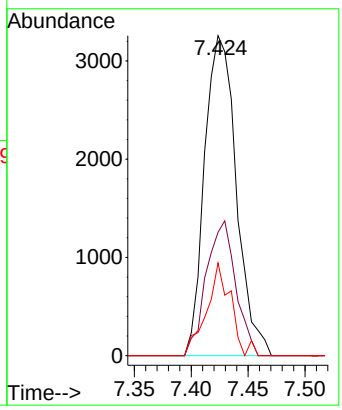


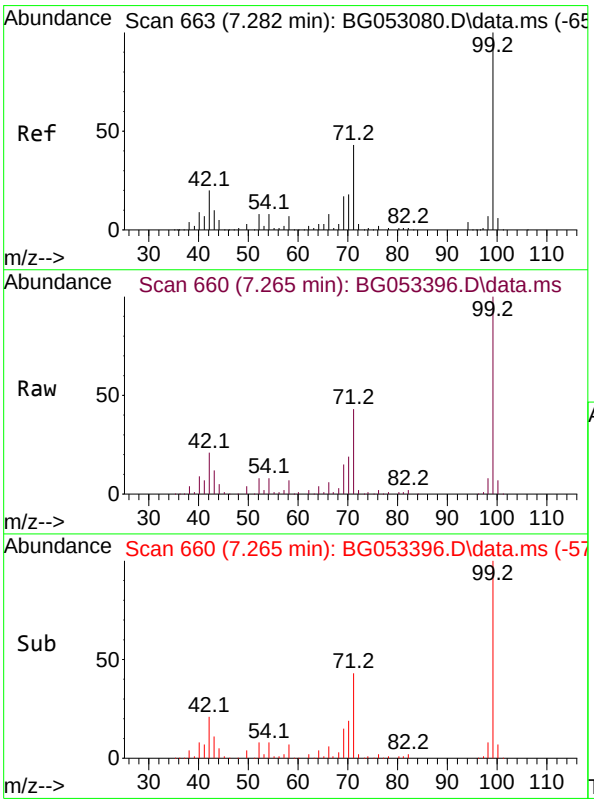
#6
Aniline
Concen: 2.197 ng
RT: 7.424 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion: 93 Resp: 6314

Ion	Ratio	Lower	Upper
93	100		
66	38.5	31.3	46.9
65	29.0	16.7	25.1#

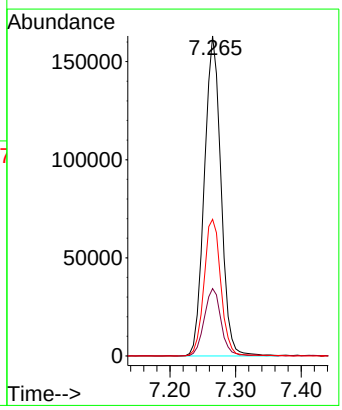


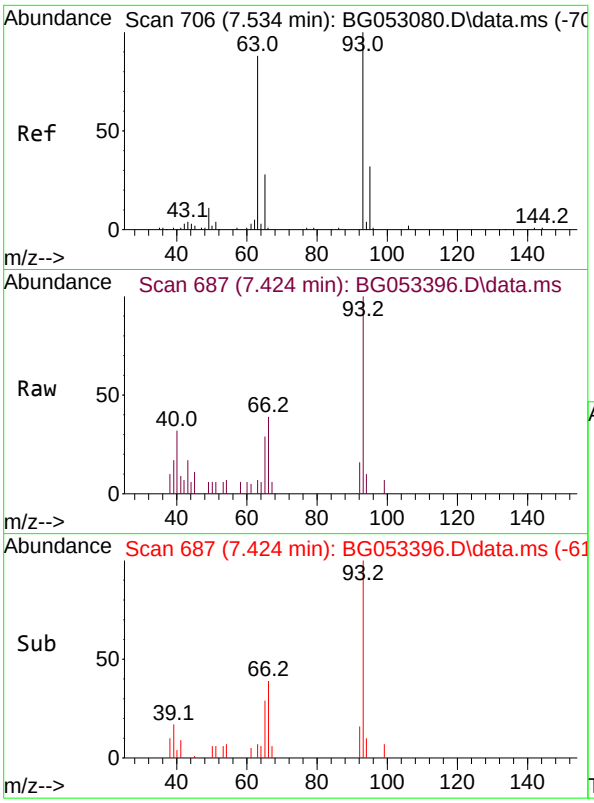


#7
Phenol-d6
Concen: 116.017 ng
RT: 7.265 min Scan# 660
Delta R.T. -0.009 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion: 99 Resp: 287645

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.7	22.1
71	42.7	29.2	43.8



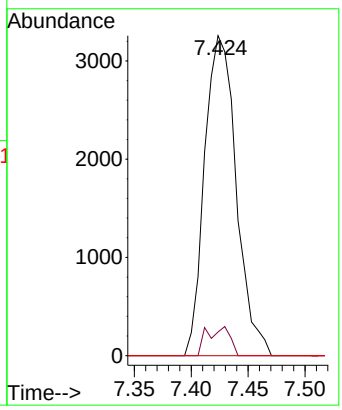


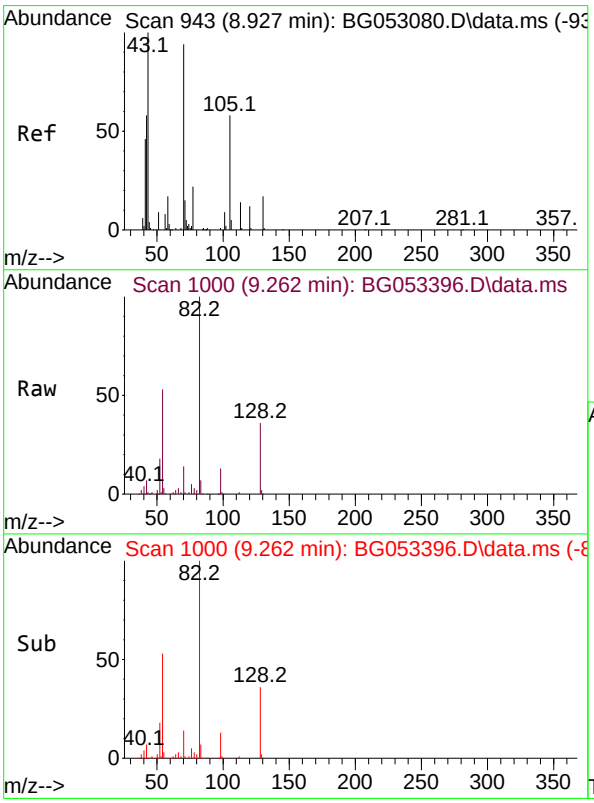
#11
bis(2-Chloroethyl)ether
Concen: 3.549 ng
RT: 7.424 min Scan# 6
Delta R.T. -0.103 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion: 93 Resp: 6314

Ion	Ratio	Lower	Upper
93	100		
63	7.4	56.9	96.9#
95	0.0	14.5	54.5#

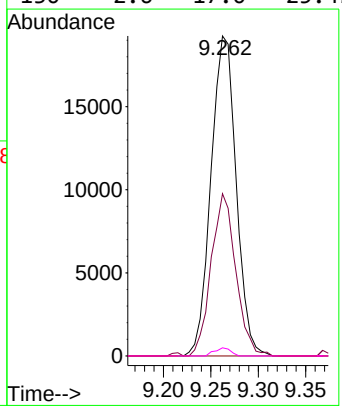


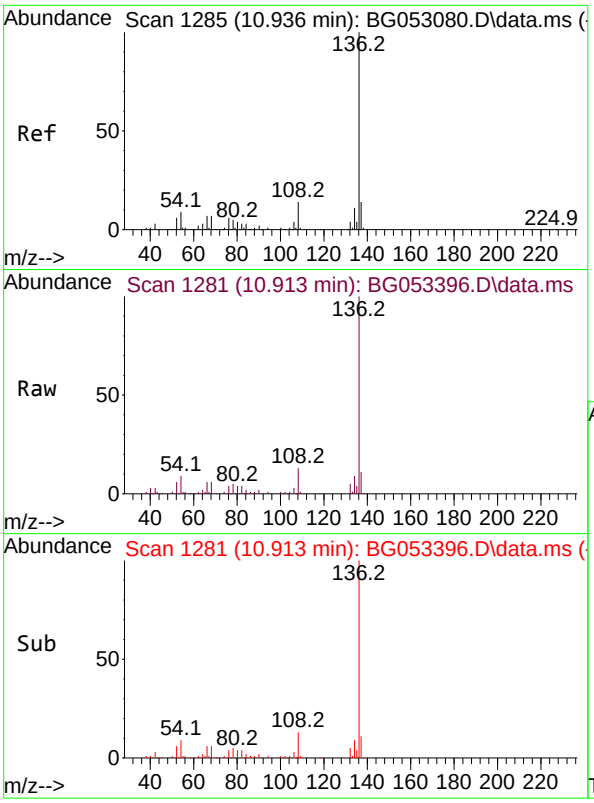


#19
n-Nitroso-di-n-propylamine
Concen: 19.617 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion: 70 Resp: 35608

Ion	Ratio	Lower	Upper
70	100		
42	50.7	46.0	69.0
101	0.0	6.2	9.4#
130	2.6	17.0	25.4#



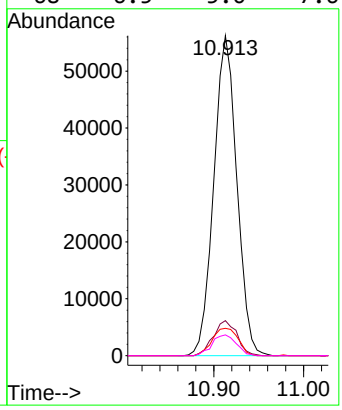


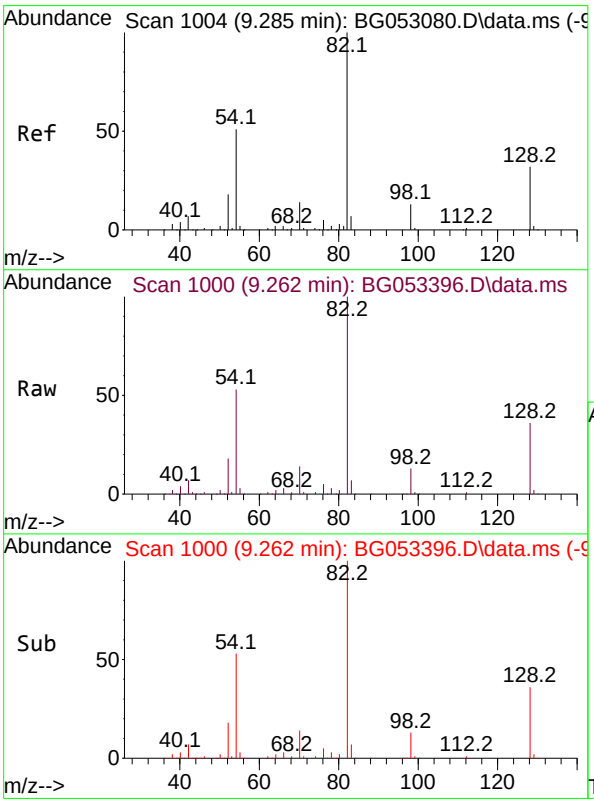
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:136 Resp: 100116

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	8.6	6.4	9.6
68	6.5	5.0	7.6

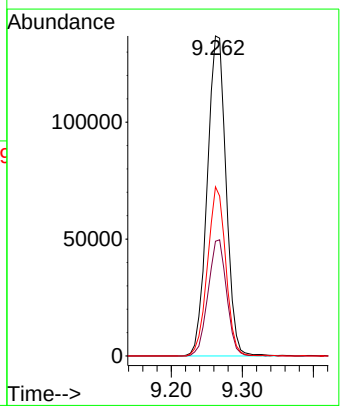


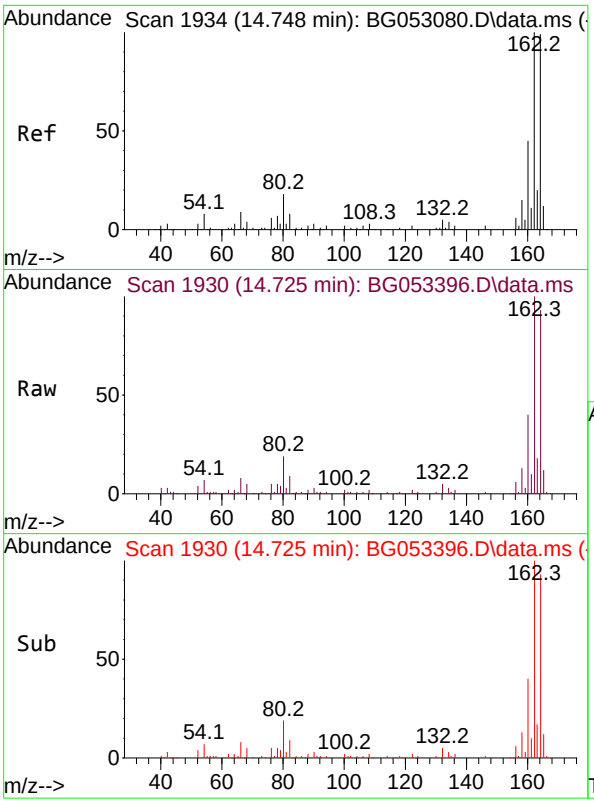


#23
Nitrobenzene-d5
Concen: 102.049 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion: 82 Resp: 251623

Ion	Ratio	Lower	Upper
82	100		
128	35.8	31.3	46.9
54	52.9	37.8	56.8



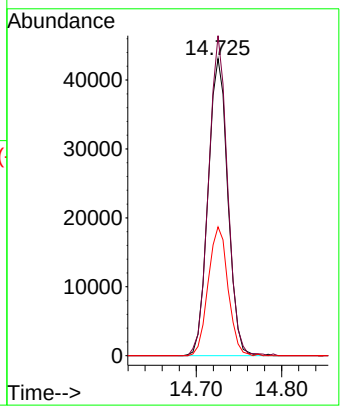


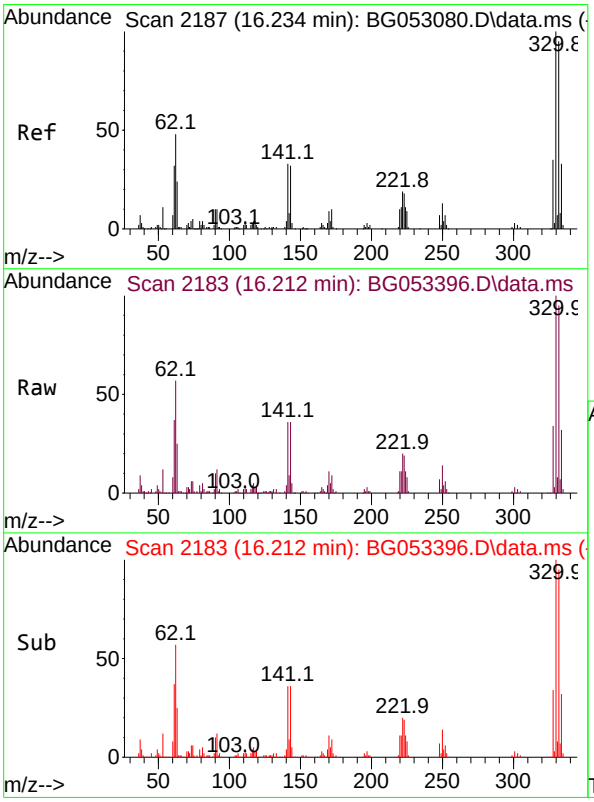
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:164 Resp: 69151

Ion	Ratio	Lower	Upper
164	100		
162	107.7	80.0	120.0
160	43.4	38.8	58.2

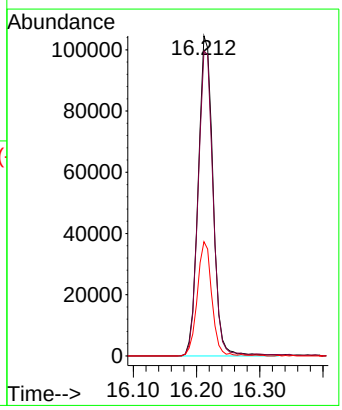


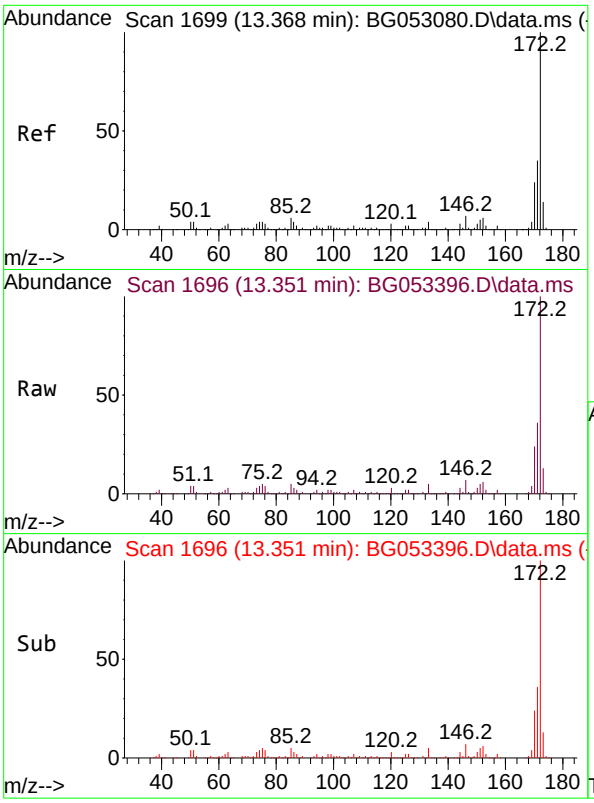


#42
2,4,6-Tribromophenol
Concen: 153.803 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion:330 Resp: 169209

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.6
141	34.9	24.6	36.8



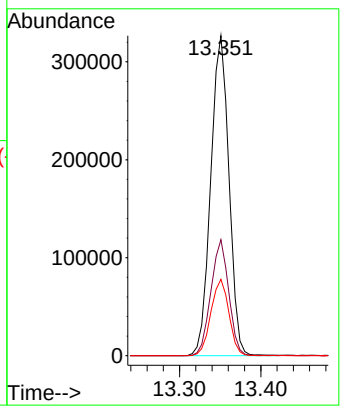


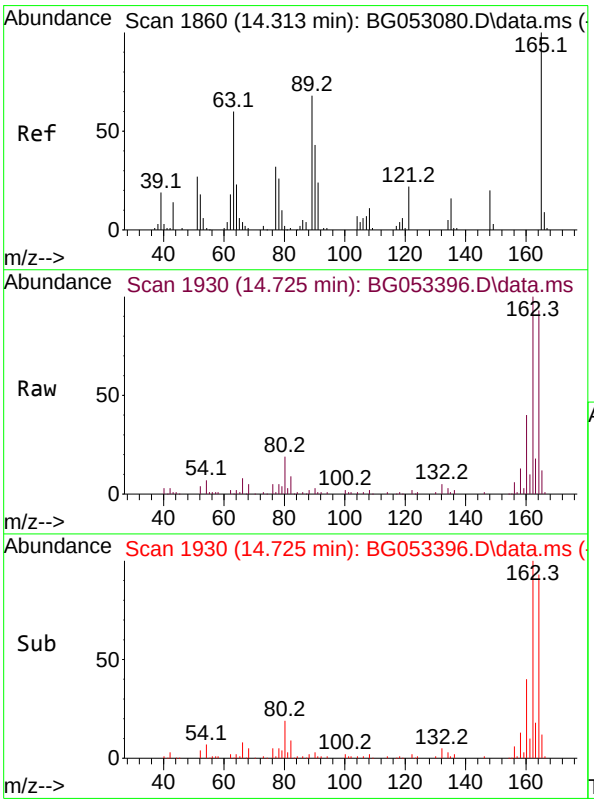
#45
2-Fluorobiphenyl
Concen: 101.448 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:172 Resp: 508753

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.3	42.5
170	23.9	18.0	27.0

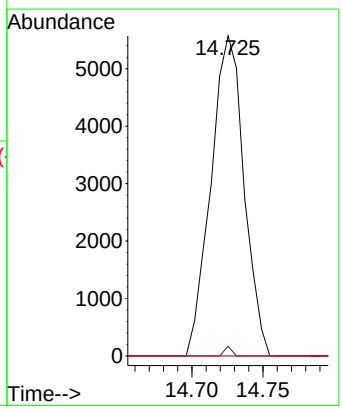


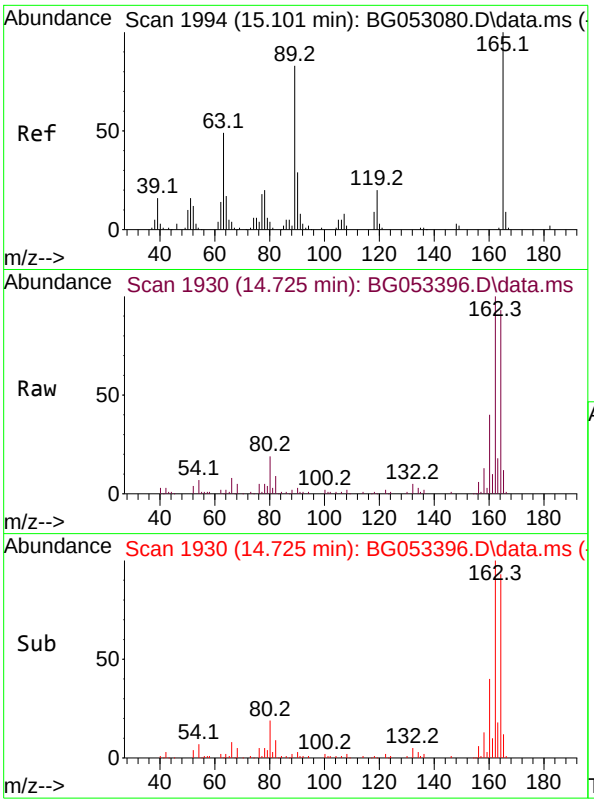


#51
2,6-Dinitrotoluene
Concen: 7.815 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion:165 Resp: 9017

Ion	Ratio	Lower	Upper
165	100		
63	3.1	43.7	65.5#
89	0.0	45.0	67.4#



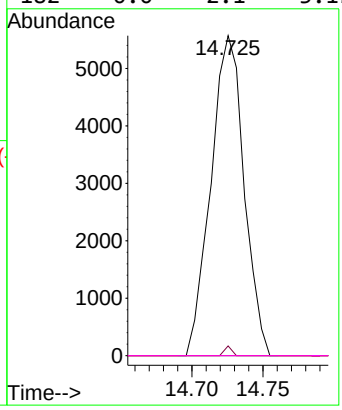


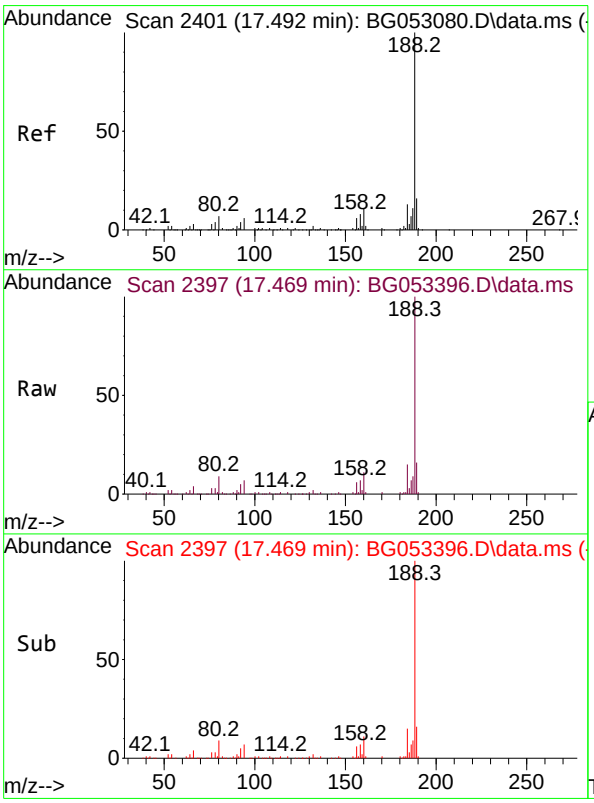
#57
2,4-Dinitrotoluene
Concen: 5.489 ng
RT: 14.725 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:165 Resp: 9017

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

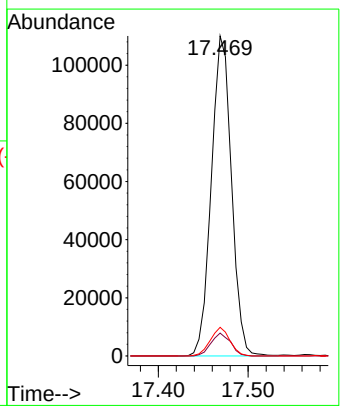


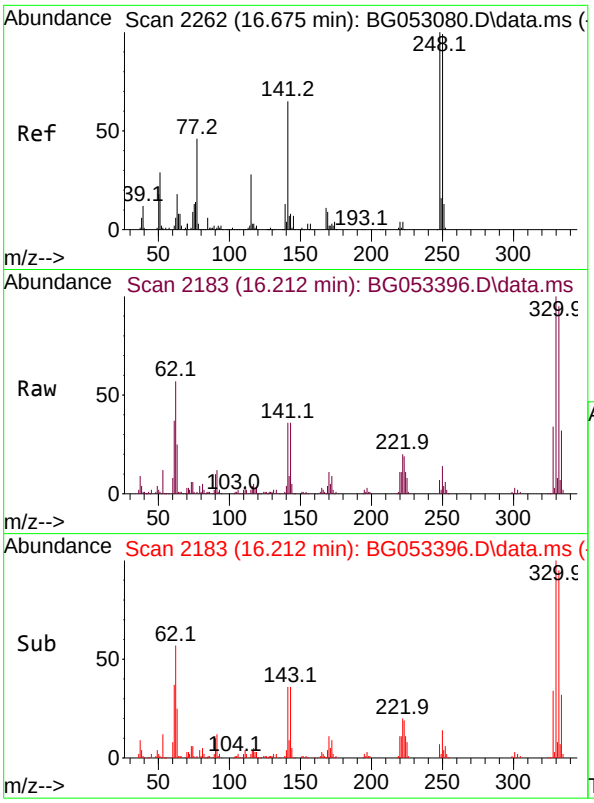


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.014 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion:188 Resp: 171522

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	9.0	7.2	10.8



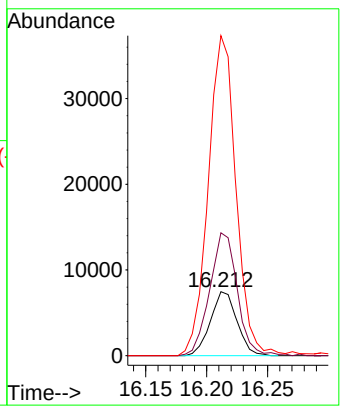


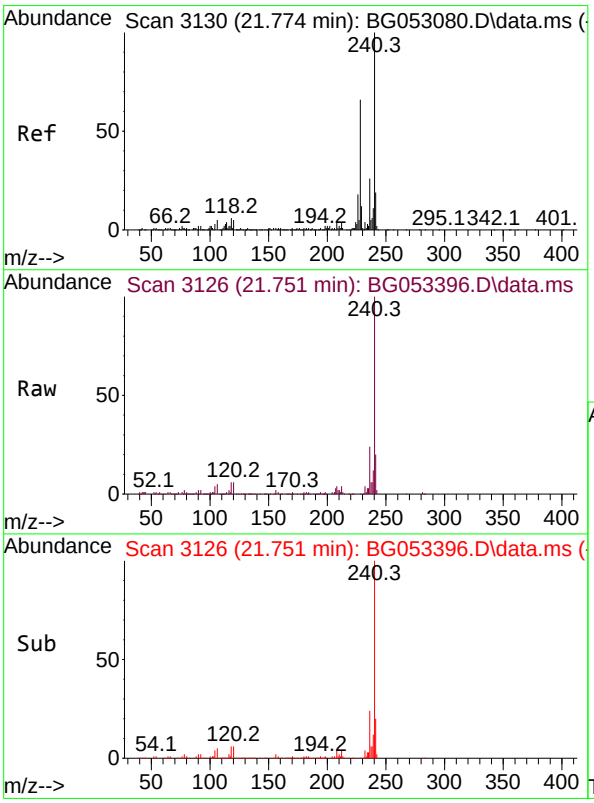
#67
4-Bromophenyl-phenylether
Concen: 5.150 ng
RT: 16.212 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:248 Resp: 11319

Ion	Ratio	Lower	Upper
248	100		
250	192.0	77.9	116.9#
141	499.9	49.2	73.8#

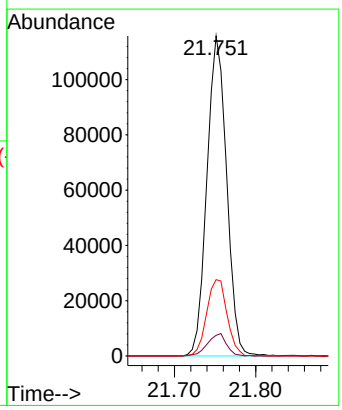


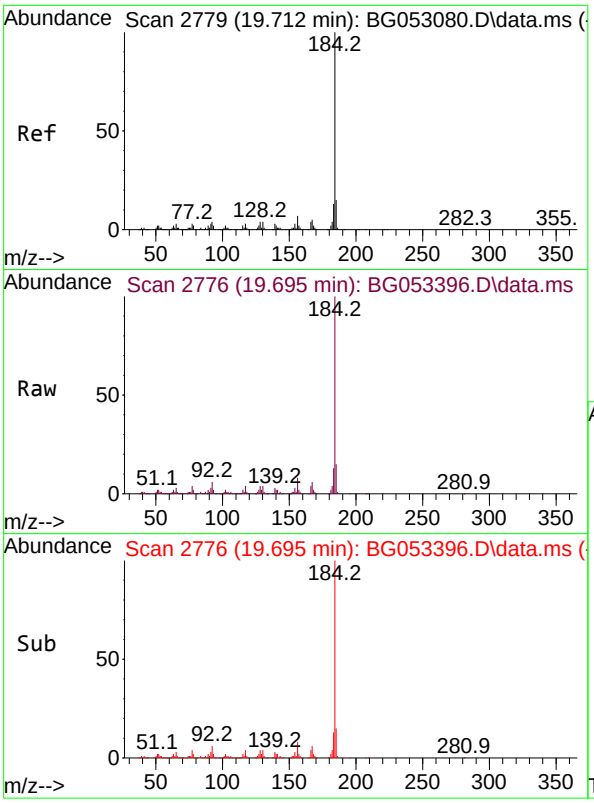


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion:240 Resp: 194825

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.0
236	23.8	19.8	29.6



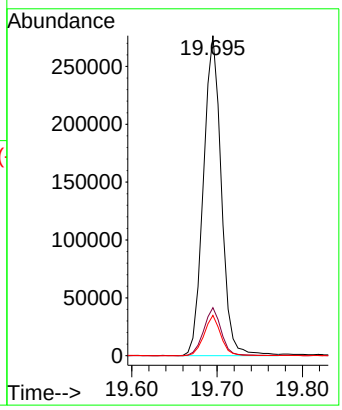


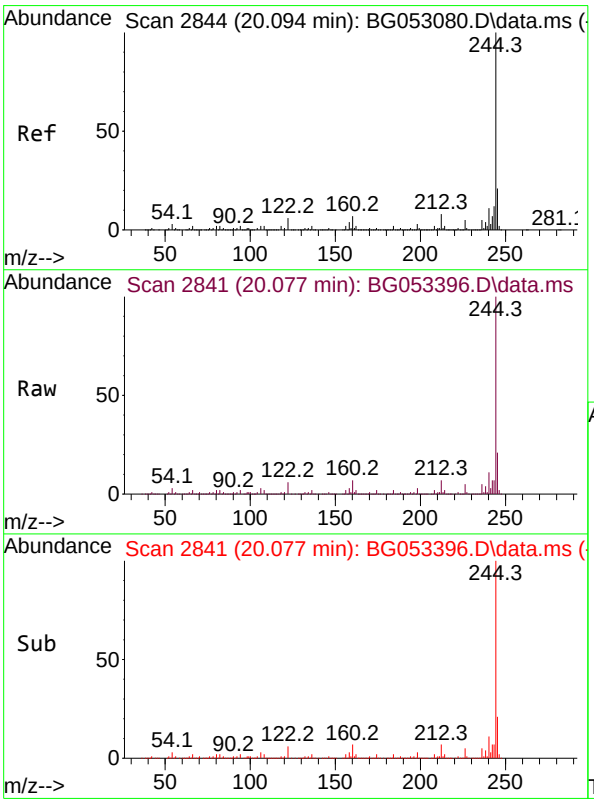
#77
Benzidine
Concen: 72.696 ng
RT: 19.695 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:184 Resp: 404092

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.5	17.3
183	12.6	9.4	14.2

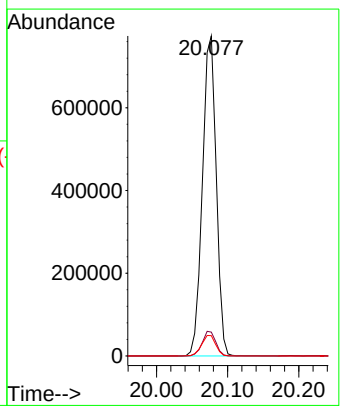


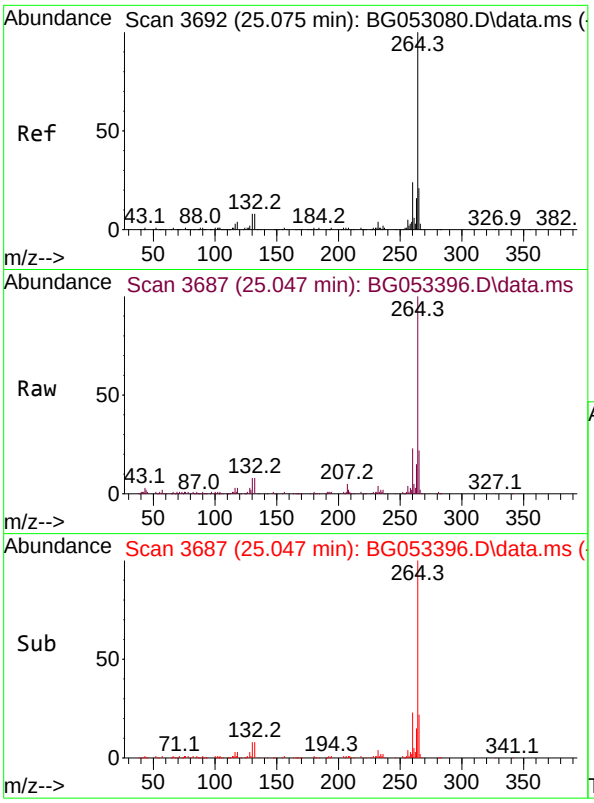


#79
Terphenyl-d14
Concen: 90.979 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Tgt Ion:244 Resp: 1049491

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.2
122	6.3	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.047 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG053396.D
Acq: 2 May 2022 13:05

Instrument :
BNA_G
ClientSampleId :
MH-18D

Tgt Ion:264 Resp: 203129

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	22.4	15.1	22.7