Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053613.D
Acq On : 18 May 2022 21:23
Operator : CG/JU
Sample : N2907-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GC-2

Quant Time: May 19 05:13:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	23330	20.000	ng	-0.01
21) Naphthalene-d8	10.893	136	91336	20.000	ng	0.00
39) Acenaphthene-d10	14.705	164	69652	20.000	ng	-0.01
64) Phenanthrene-d10	17.449	188	184111	20.000	ng	-0.01
76) Chrysene-d12	21.731	240	194516	20.000	ng	-0.01
86) Perylene-d12	25.009	264	197098	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	137946	100.348	ng	0.00
7) Phenol-d6	7.245	99	197815	94.817	ng	0.00
23) Nitrobenzene-d5	9.242	82	142773	66.541	ng	-0.01
42) 2,4,6-Tribromophenol	16.197	330	106565	103.734	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	309026	64.833	ng	-0.01
79) Terphenyl-d14	20.051	244	651074	62.340	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.242	70	19599	13.093	ng	# 82
41) Hexachlorocyclopentadiene	12.467	237	57	8.893	ng	# 26
51) 2,6-Dinitrotoluene	14.699	165	9103	8.442	ng	# 16
57) 2,4-Dinitrotoluene	14.699	165	9103	5.824	ng	# 21
67) 4-Bromophenyl-phenylether	16.197	248	7309	3.399	ng	# 1
77) Benzidine	20.051	184	11268	2.688	ng	# 92

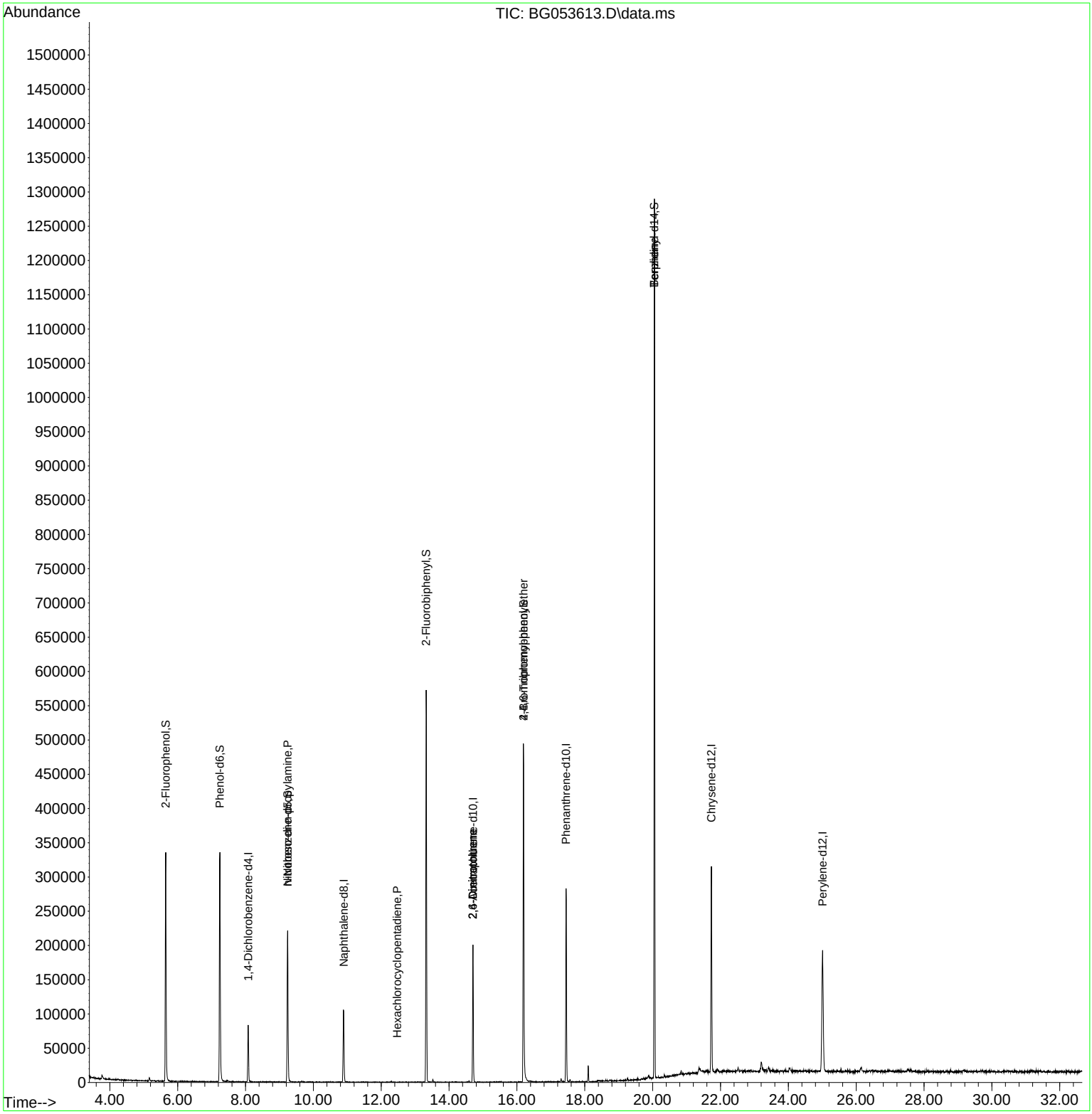
(#) = qualifier out of range (m) = manual integration (+) = signals summed

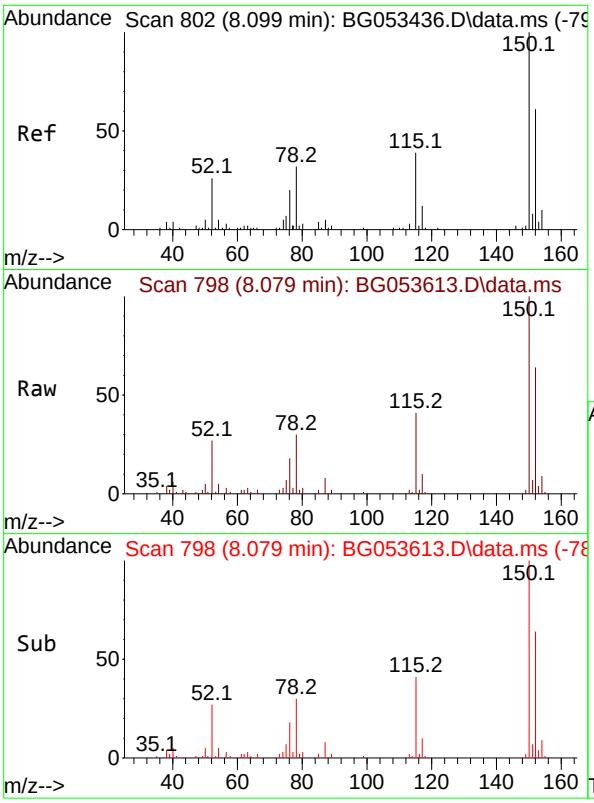
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053613.D
Acq On : 18 May 2022 21:23
Operator : CG/JU
Sample : N2907-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GC-2

Quant Time: May 19 05:13:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration



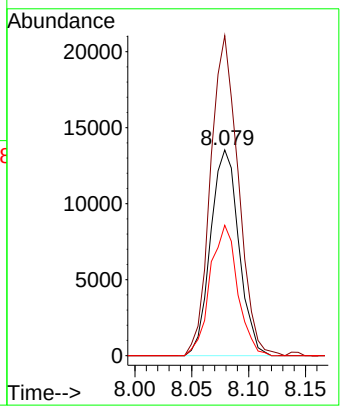


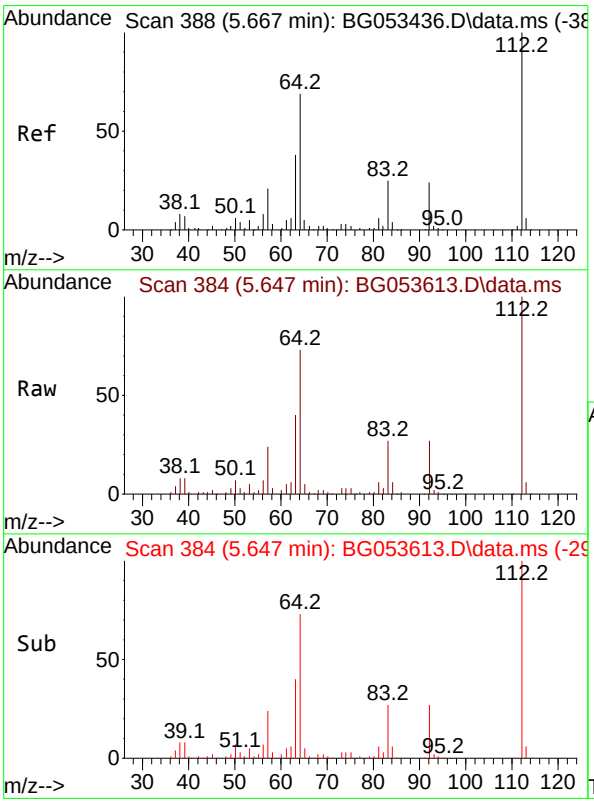
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.079 min Scan# 7
Delta R.T. -0.010 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:152 Resp: 23330

Ion	Ratio	Lower	Upper
152	100		
150	155.5	131.6	197.4
115	63.4	50.9	76.3

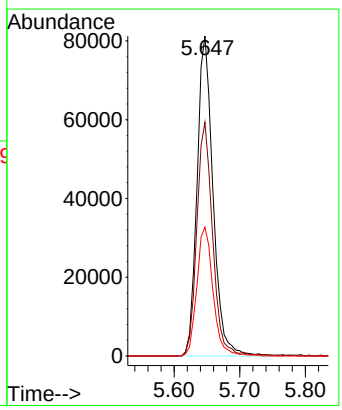


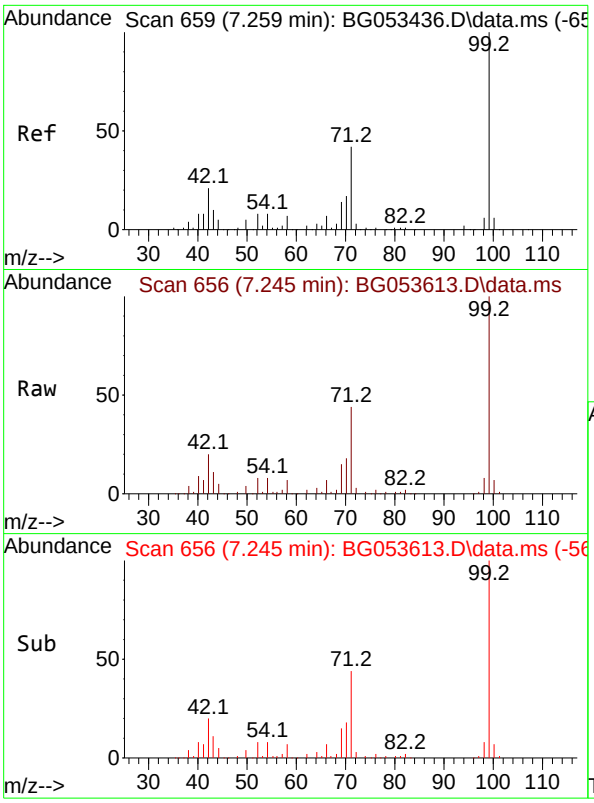


#5
2-Fluorophenol
Concen: 100.348 ng
RT: 5.647 min Scan# 384
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:112 Resp: 137946

Ion	Ratio	Lower	Upper
112	100		
64	73.0	55.1	82.7
63	40.3	30.4	45.6



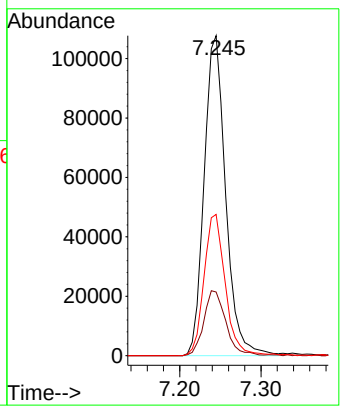


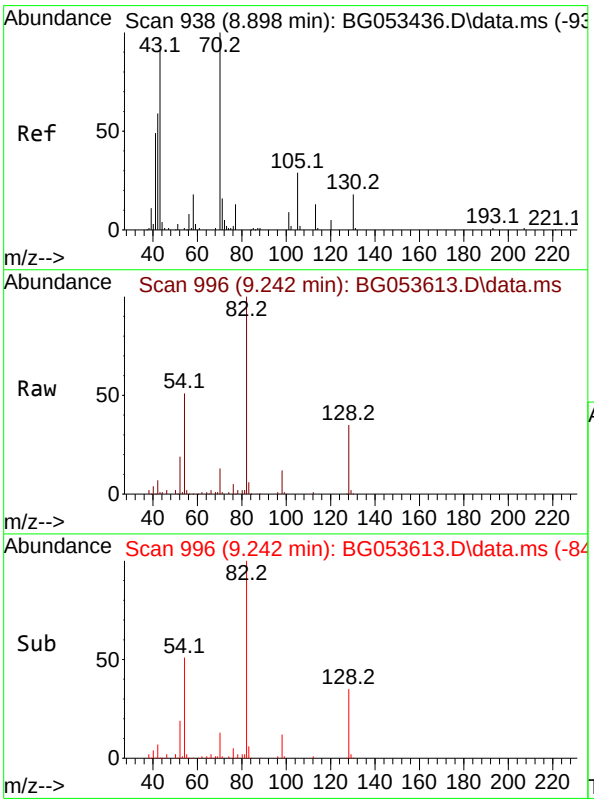
#7
Phenol-d6
Concen: 94.817 ng
RT: 7.245 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion: 99 Resp: 197815

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.0	25.6
71	44.2	33.8	50.8

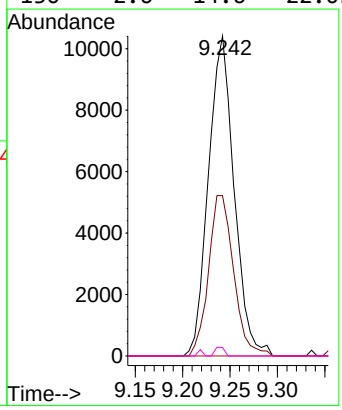


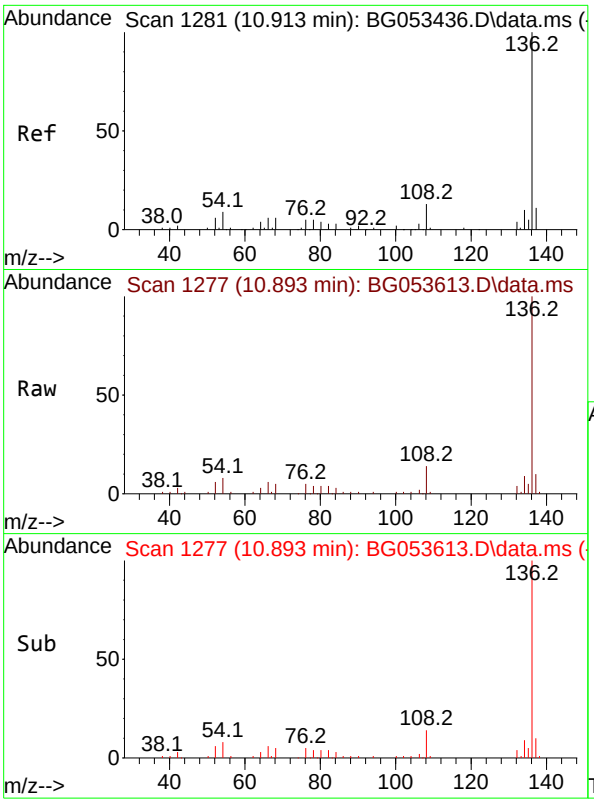


#19
n-Nitroso-di-n-propylamine
Concen: 13.093 ng
RT: 9.242 min Scan# 996
Delta R.T. 0.354 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion: 70 Resp: 19599

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.3	70.9
101	0.0	7.0	10.4#
130	2.6	14.6	22.0#



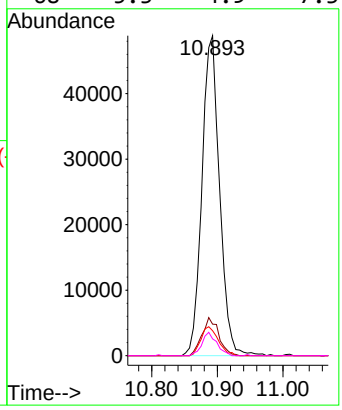


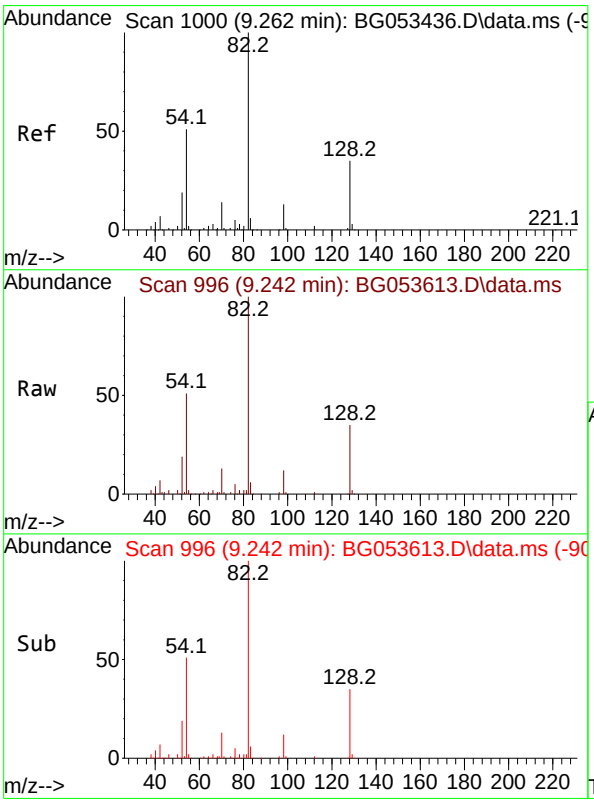
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:136 Resp: 91336

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	7.8	7.4	11.2
68	5.3	4.9	7.3

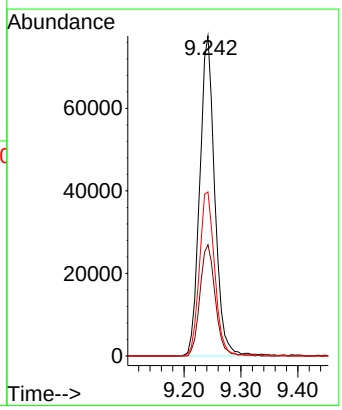


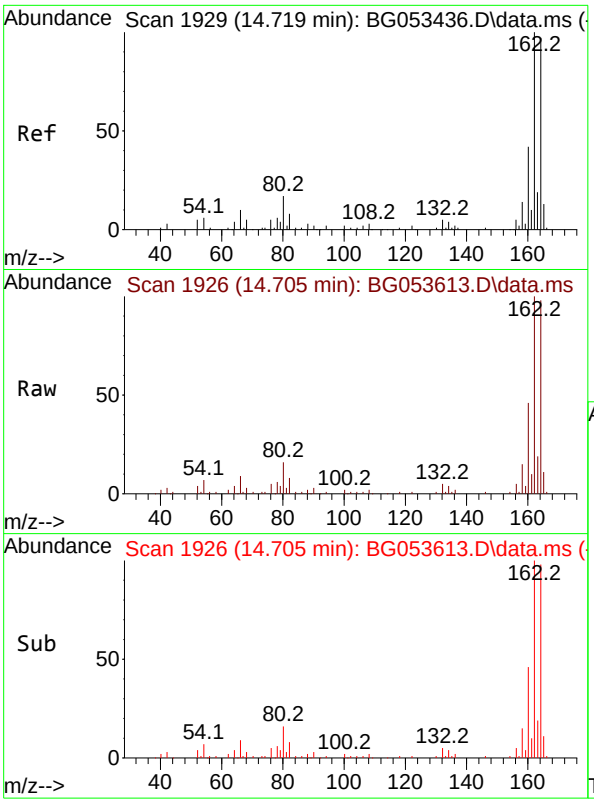


#23
Nitrobenzene-d5
Concen: 66.541 ng
RT: 9.242 min Scan# 996
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion: 82 Resp: 142773

Ion	Ratio	Lower	Upper
82	100		
128	34.7	27.9	41.9
54	51.3	41.2	61.8



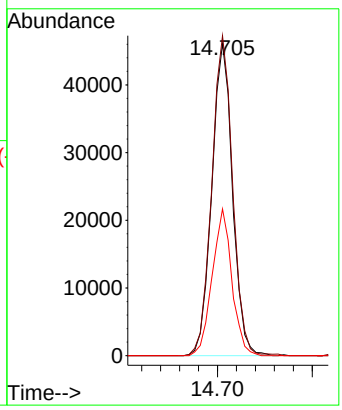


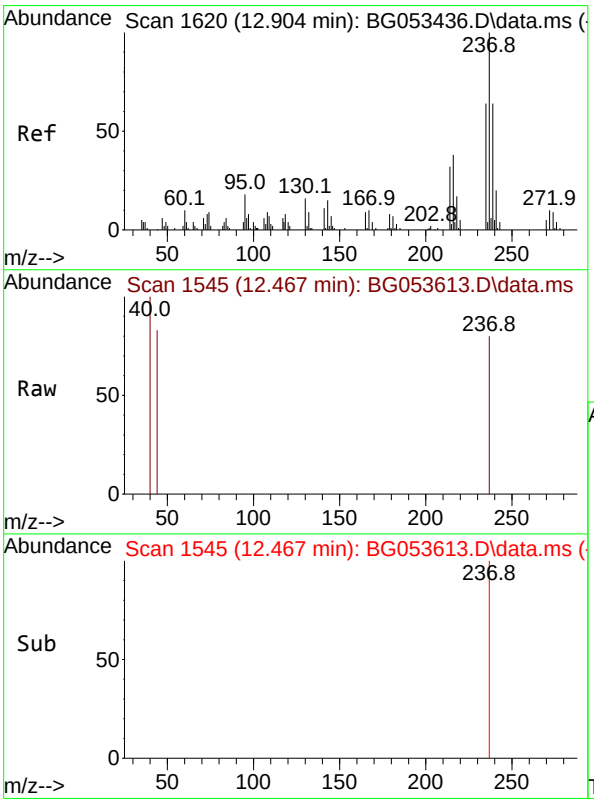
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:164 Resp: 69652

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.3	123.5
160	47.0	34.2	51.2

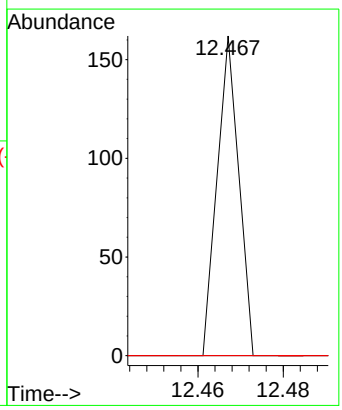


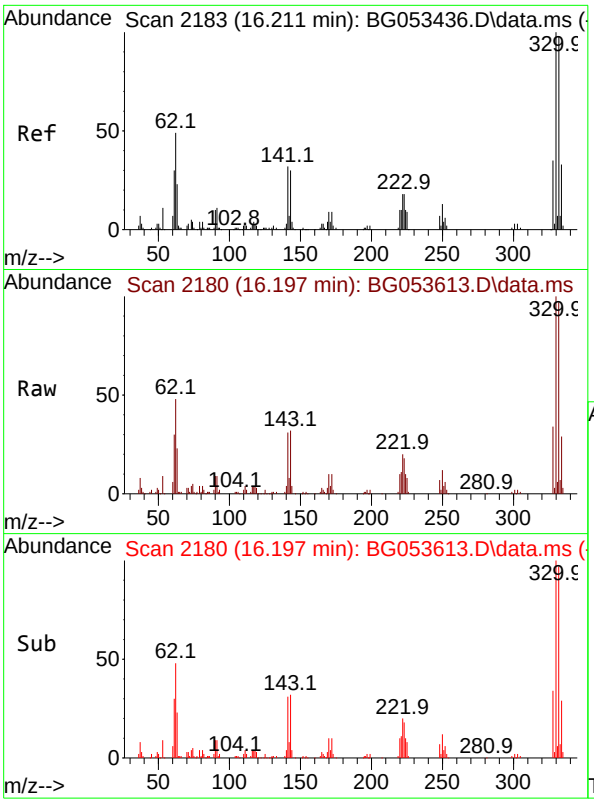


#41
Hexachlorocyclopentadiene
Concen: 8.893 ng
RT: 12.467 min Scan# 1545
Delta R.T. -0.434 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:237 Resp: 57

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.5	83.5#
272	0.0	0.0	30.1



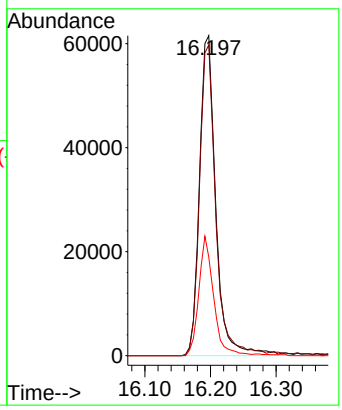


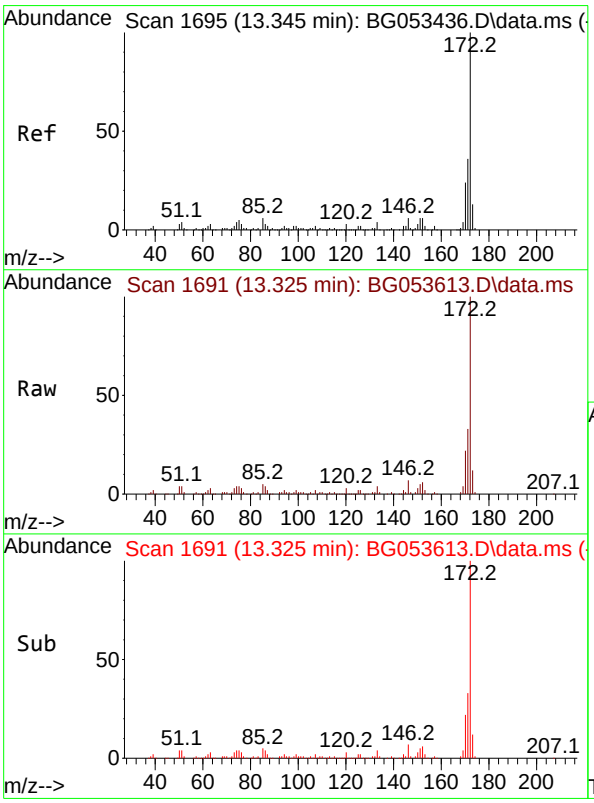
#42
2,4,6-Tribromophenol
Concen: 103.734 ng
RT: 16.197 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:330 Resp: 106565

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	34.4	27.1	40.7

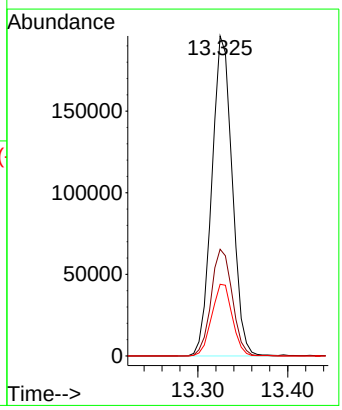


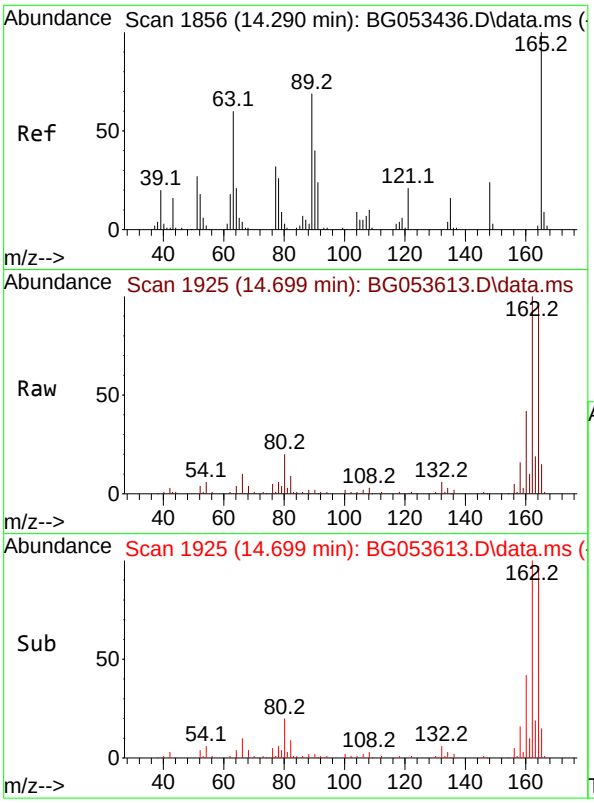


#45
2-Fluorobiphenyl
Concen: 64.833 ng
RT: 13.325 min Scan# 1691
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:172 Resp: 309026

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.5	42.7
170	22.4	18.9	28.3



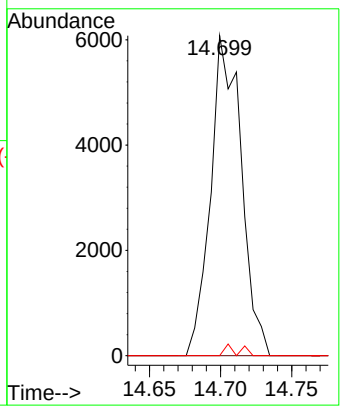


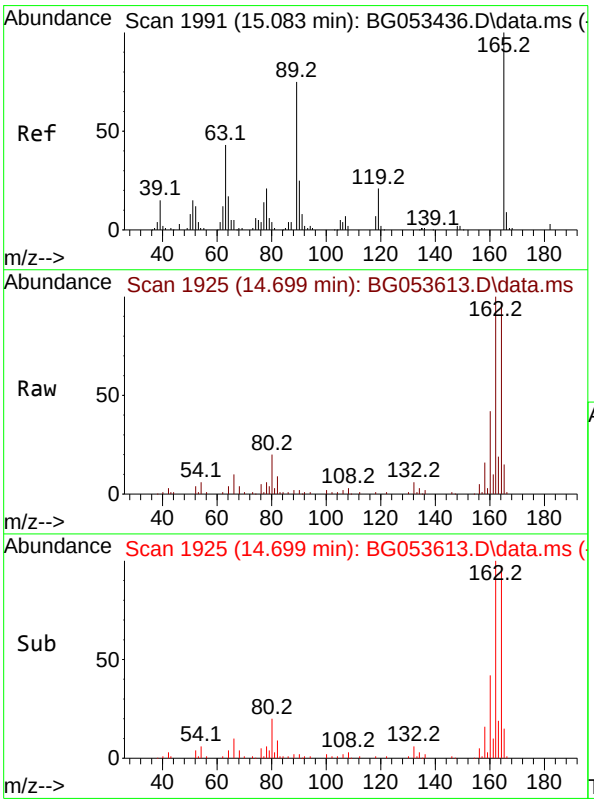
#51
2,6-Dinitrotoluene
Concen: 8.442 ng
RT: 14.699 min Scan# 1
Delta R.T. 0.418 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:165 Resp: 9103

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#

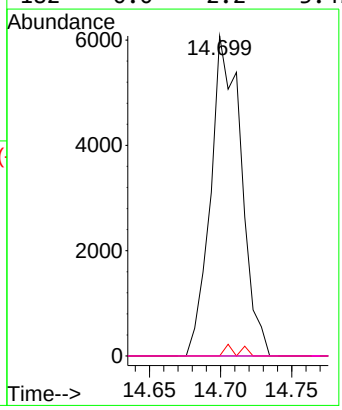


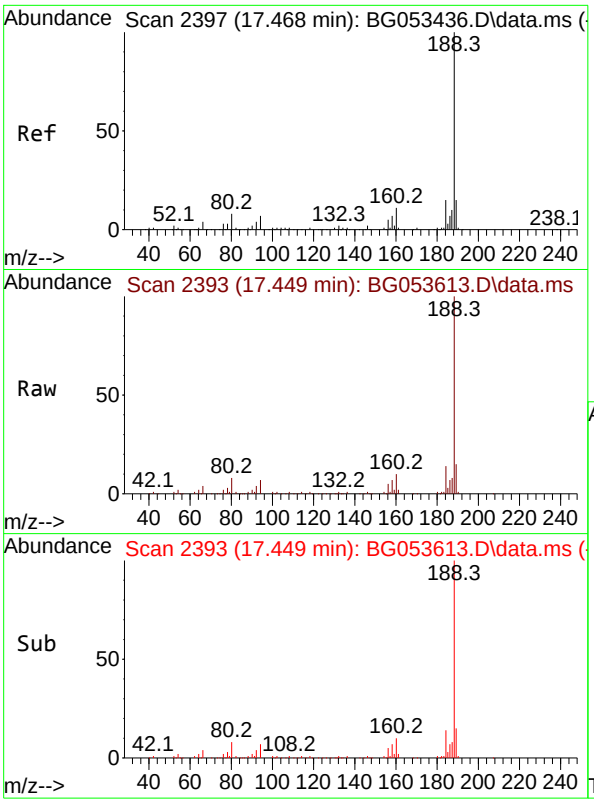


#57
2,4-Dinitrotoluene
Concen: 5.824 ng
RT: 14.699 min Scan# 1925
Delta R.T. -0.375 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:165 Resp: 9103

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



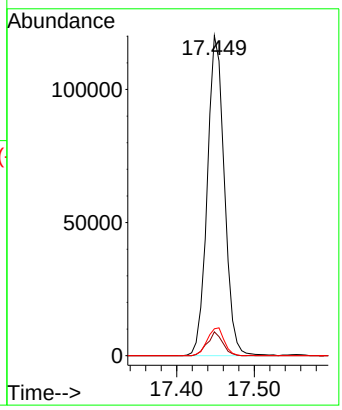


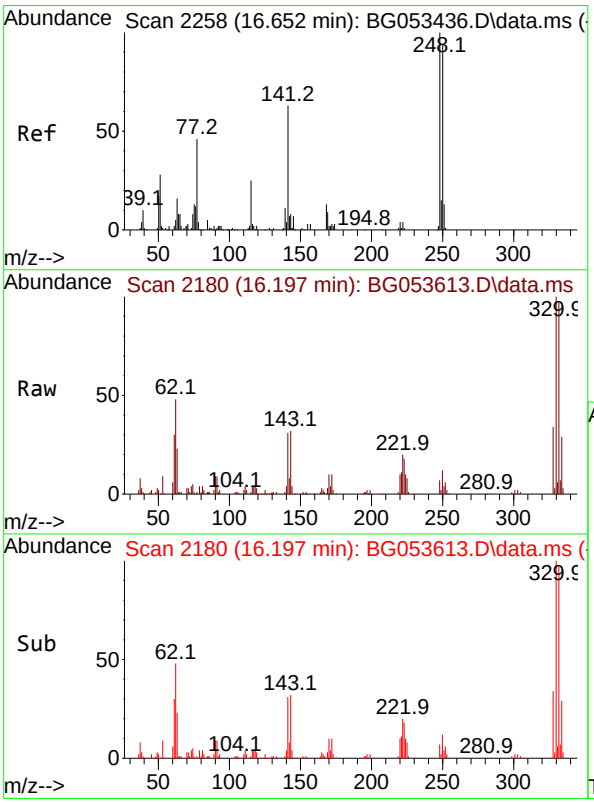
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:188 Resp: 184111

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.4	8.0
80	8.4	6.8	10.2

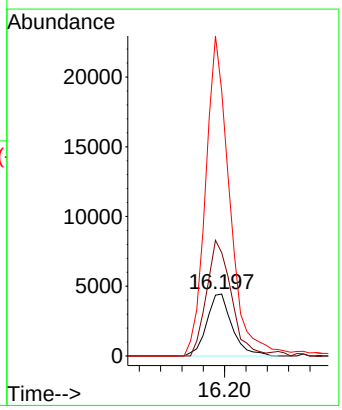


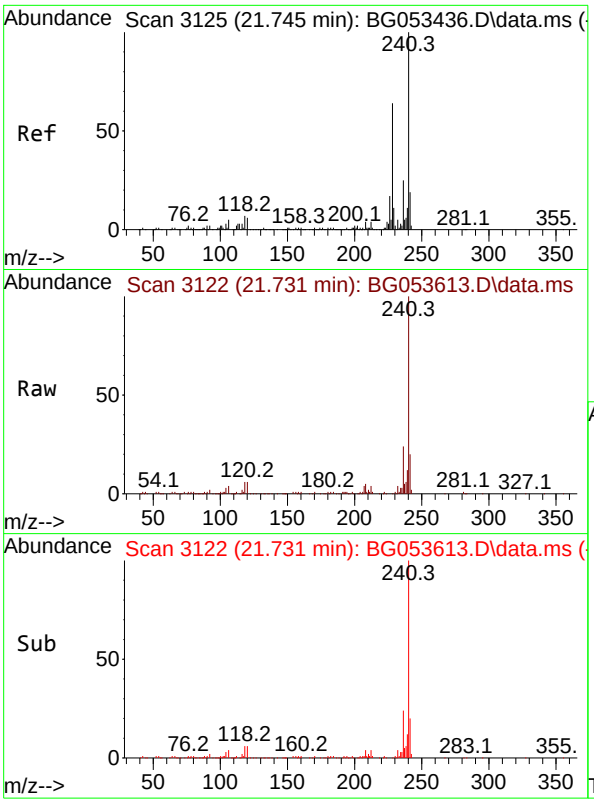


#67
4-Bromophenyl-phenylether
Concen: 3.399 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.445 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:248 Resp: 7309

Ion	Ratio	Lower	Upper
248	100		
250	166.4	75.2	112.8#
141	427.0	50.0	75.0#



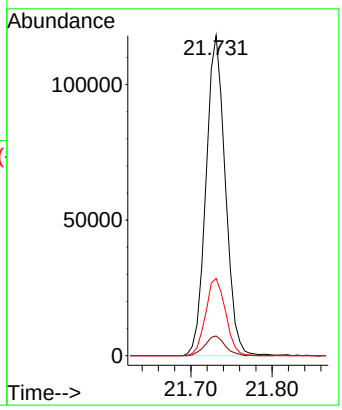


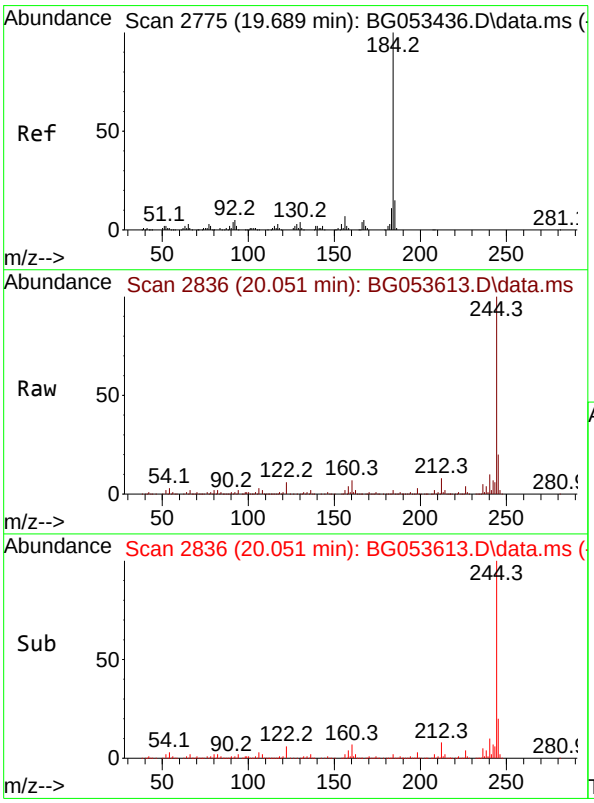
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:240 Resp: 194516

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	7.0
236	24.1	20.2	30.4

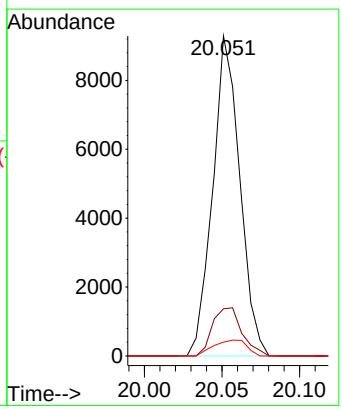


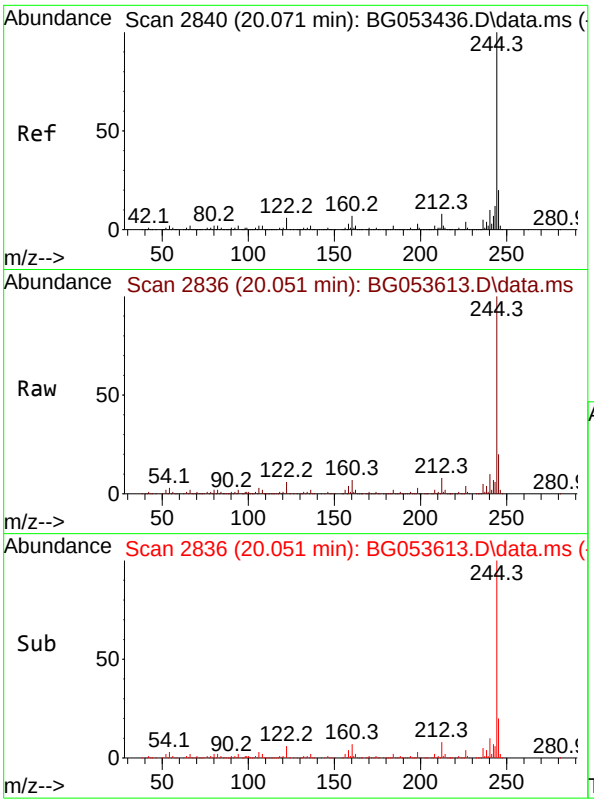


#77
Benzidine
Concen: 2.688 ng
RT: 20.051 min Scan# 2836
Delta R.T. 0.371 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:184 Resp: 11268

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	4.3	8.9	13.3#



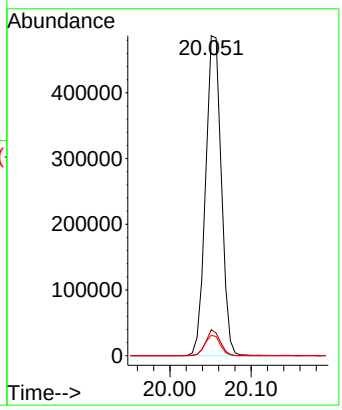


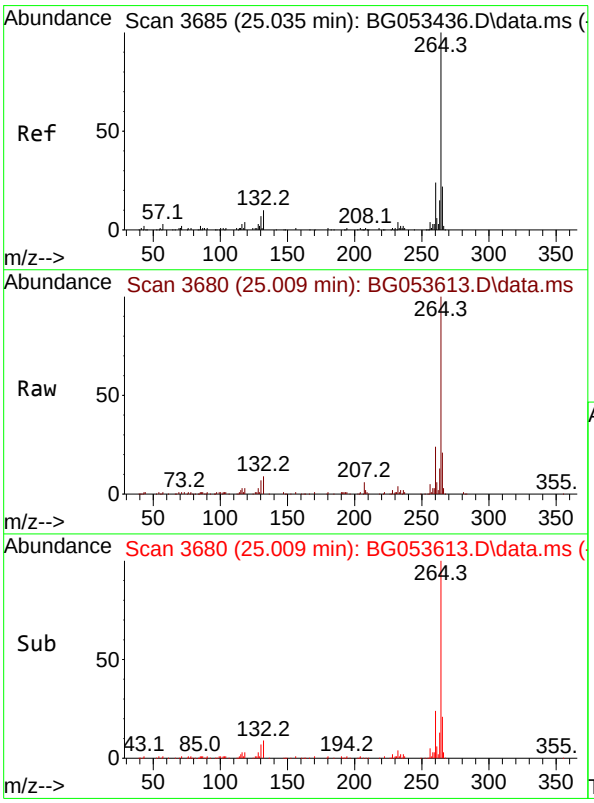
#79
Terphenyl-d14
Concen: 62.340 ng
RT: 20.051 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:244 Resp: 651074

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	6.3	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3680
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:264 Resp: 197098

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.0	17.4	26.2