Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
Data File : BG053591.D
Acq On : 17 May 2022 19:44
Operator : CG/JU
Sample : N2863-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Quant Time: May 18 03:14:39 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	8.084	152	27179	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	120910	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	101554	20.000	ng	-0.01
64) Phenanthrene-d10	17.453	188	258894	20.000	ng	0.00
76) Chrysene-d12	21.730	240	206469	20.000	ng	-0.01
86) Perylene-d12	25.008	264	200909	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	166548	103.997	ng	0.00
7) Phenol-d6	7.244	99	260408	107.143	ng	0.00
23) Nitrobenzene-d5	9.241	82	187079	65.864	ng	-0.01
42) 2,4,6-Tribromophenol	16.196	330	150732	100.635	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	414379	59.626	ng	0.00
79) Terphenyl-d14	20.056	244	782998	70.631	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.241	70	26092	14.962	ng	# 81
51) 2,6-Dinitrotoluene	14.704	165	12651	8.047	ng	# 17
57) 2,4-Dinitrotoluene	14.704	165	12651	5.551	ng	# 22
67) 4-Bromophenyl-phenylether	16.196	248	10166	3.362	ng	# 1
77) Benzidine	20.056	184	13105	2.945	ng	# 87

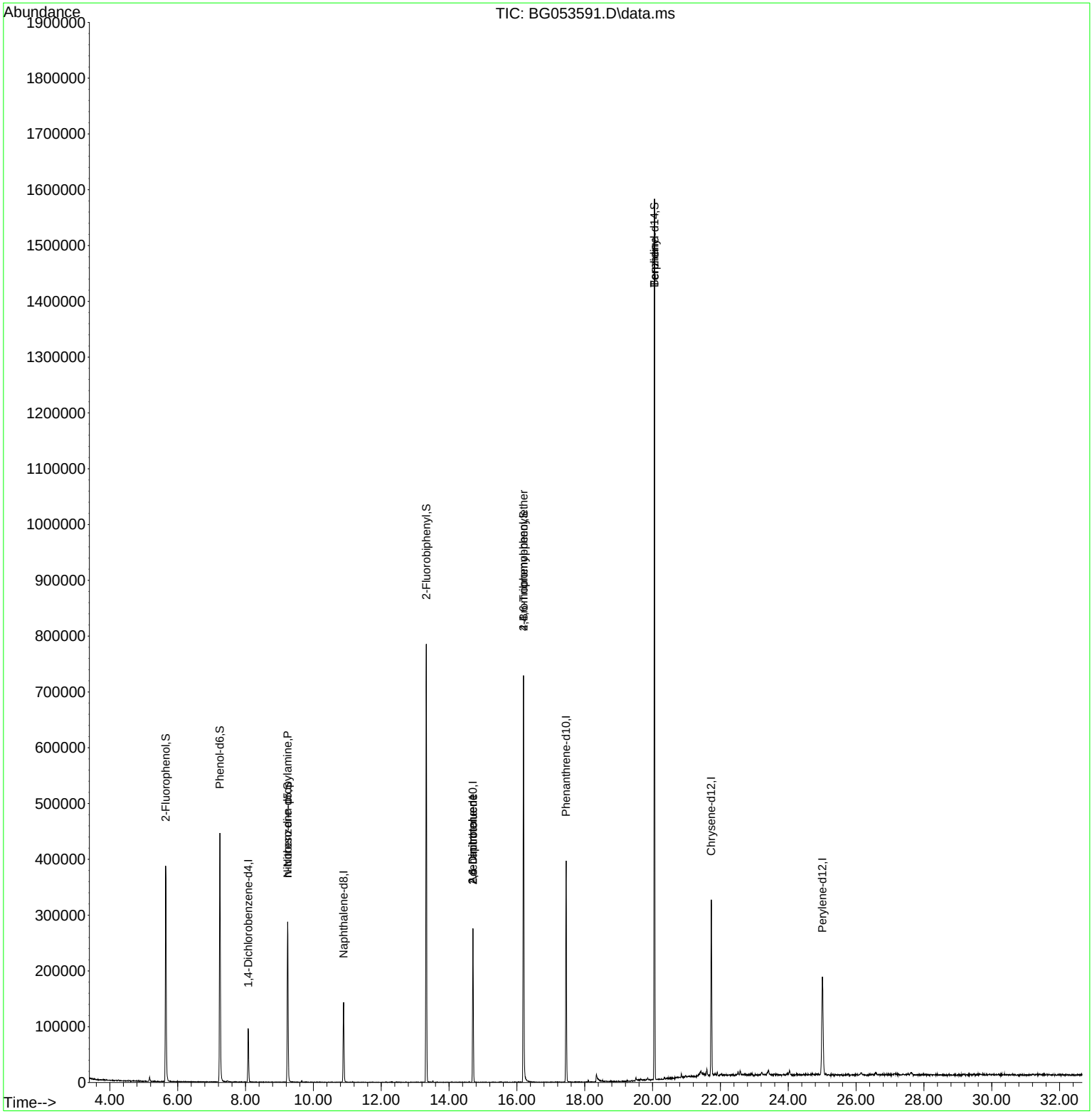
(#) = qualifier out of range (m) = manual integration (+) = signals summed

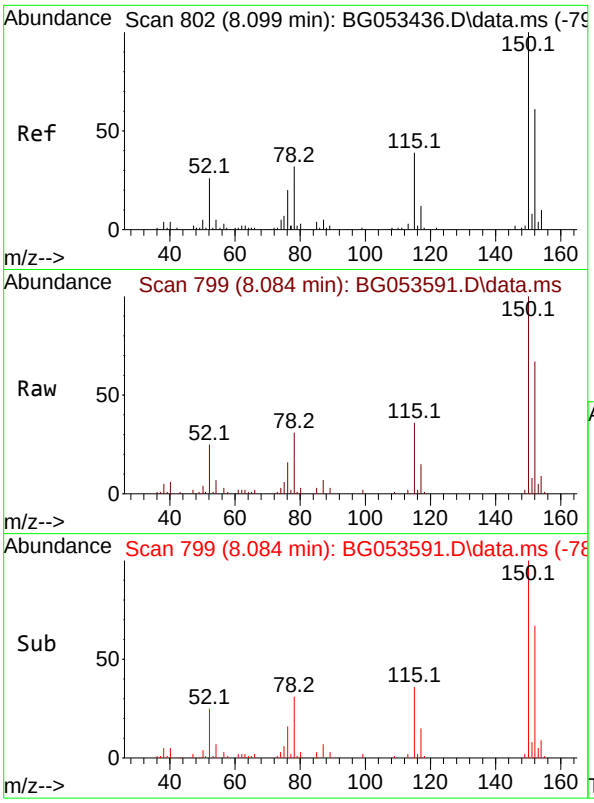
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
Data File : BG053591.D
Acq On : 17 May 2022 19:44
Operator : CG/JU
Sample : N2863-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Quant Time: May 18 03:14:39 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



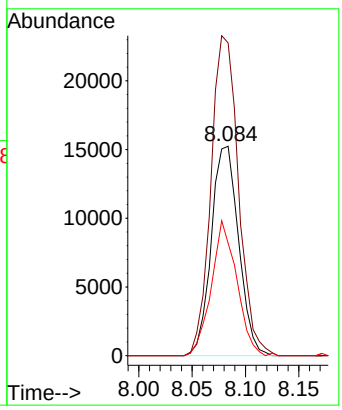


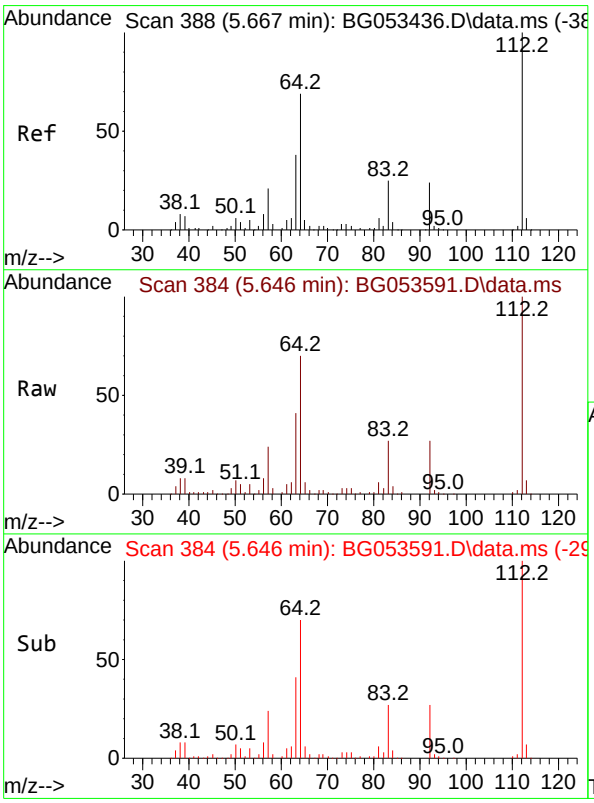
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:152 Resp: 27179

Ion	Ratio	Lower	Upper
152	100		
150	149.3	131.6	197.4
115	53.7	50.9	76.3

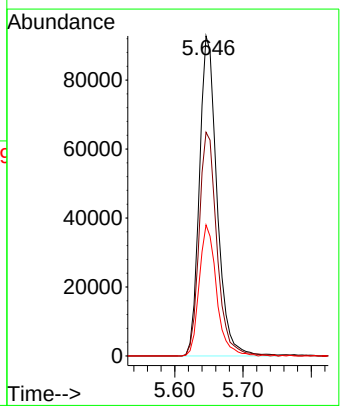


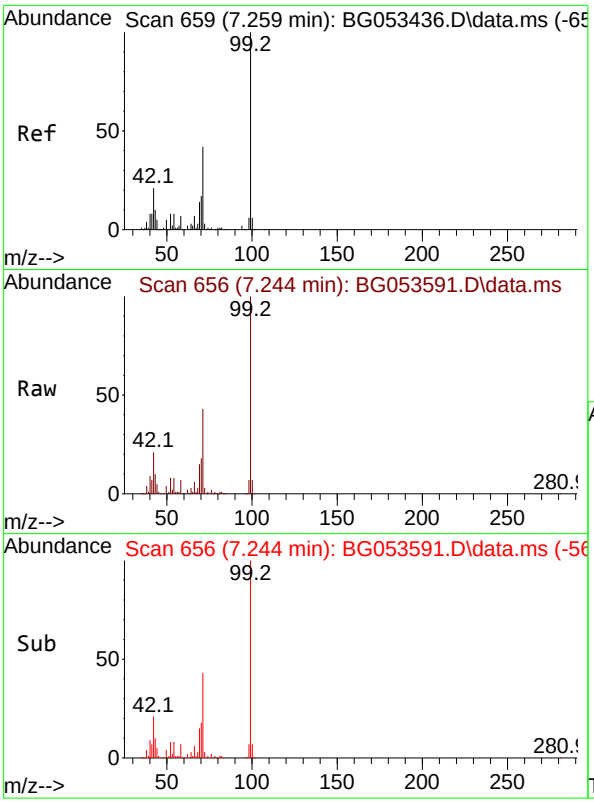


#5
2-Fluorophenol
Concen: 103.997 ng
RT: 5.646 min Scan# 384
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:112 Resp: 166548

Ion	Ratio	Lower	Upper
112	100		
64	69.9	55.1	82.7
63	41.0	30.4	45.6



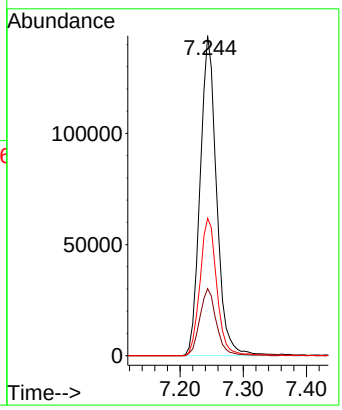


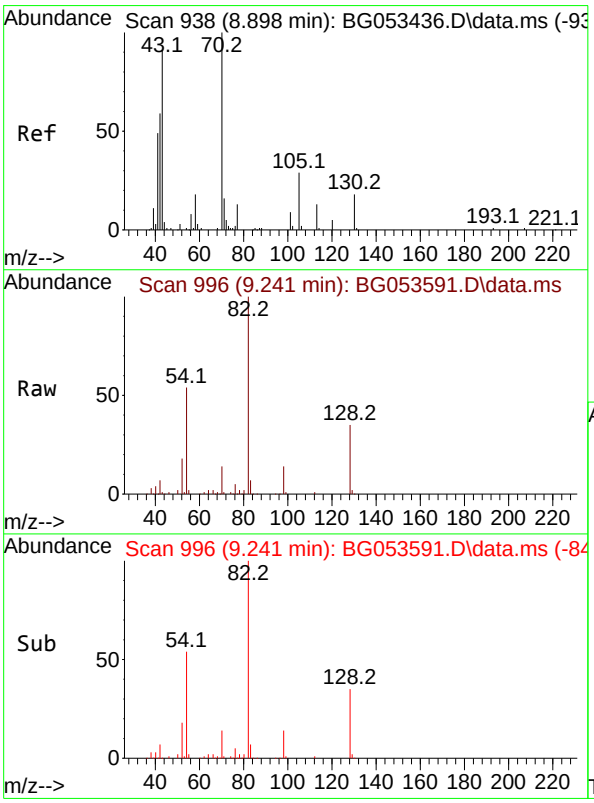
#7
Phenol-d6
Concen: 107.143 ng
RT: 7.244 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion: 99 Resp: 260408

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	42.9	33.8	50.8

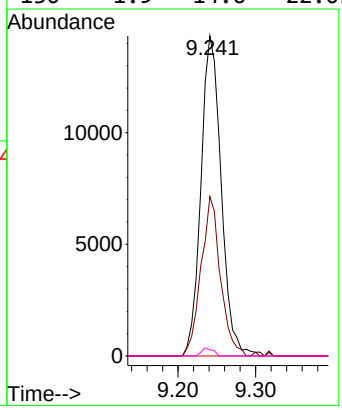


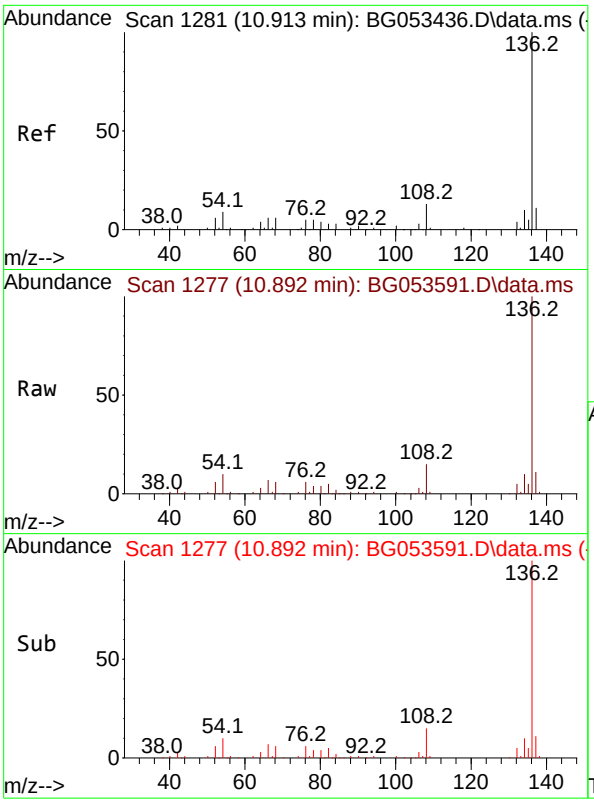


#19
n-Nitroso-di-n-propylamine
Concen: 14.962 ng
RT: 9.241 min Scan# 996
Delta R.T. 0.353 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion: 70 Resp: 26092

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.3	70.9
101	0.0	7.0	10.4#
130	1.9	14.6	22.0#



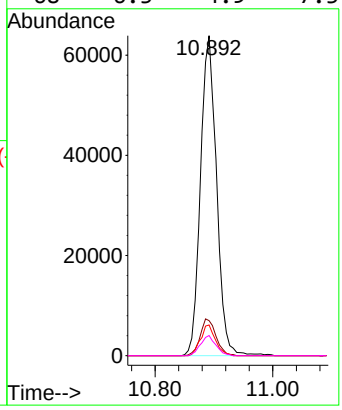


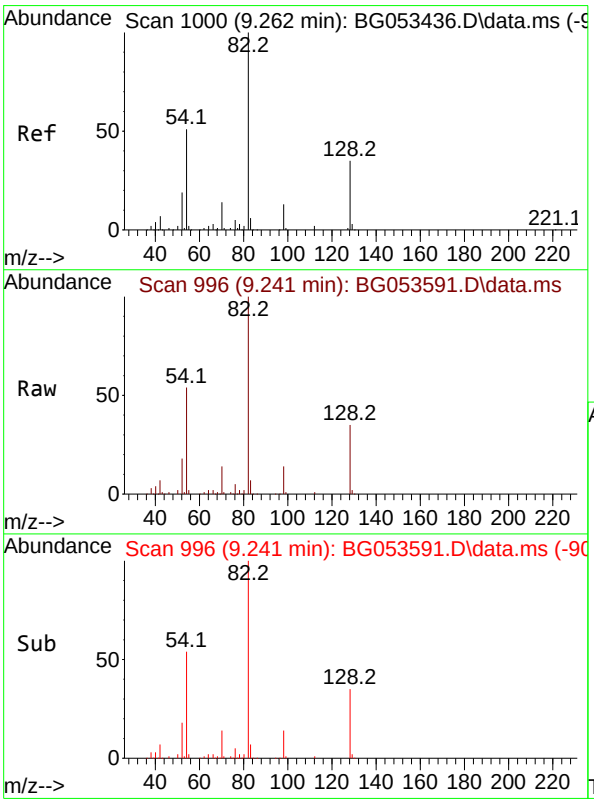
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:136 Resp: 120910

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.6	7.4	11.2
68	6.3	4.9	7.3

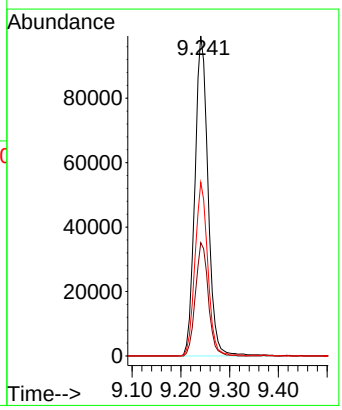


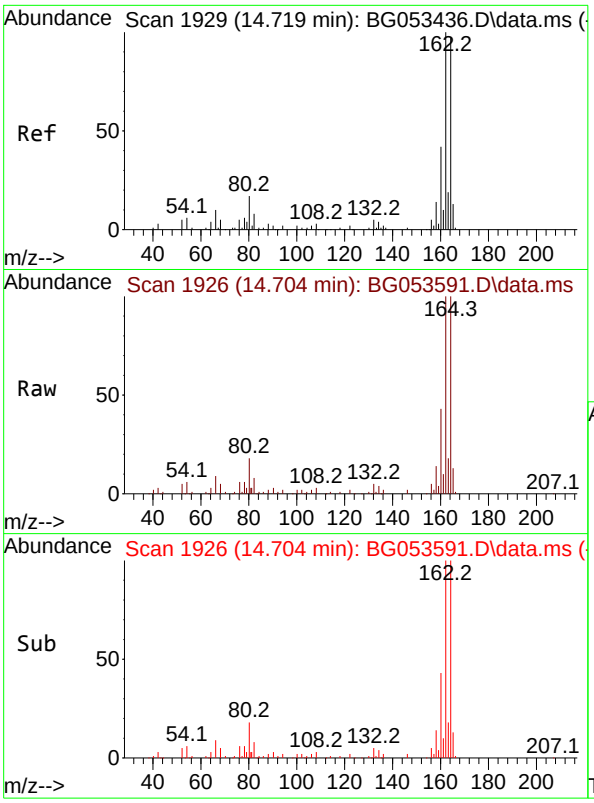


#23
Nitrobenzene-d5
Concen: 65.864 ng
RT: 9.241 min Scan# 996
Delta R.T. -0.012 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion: 82 Resp: 187079

Ion	Ratio	Lower	Upper
82	100		
128	35.4	27.9	41.9
54	54.2	41.2	61.8



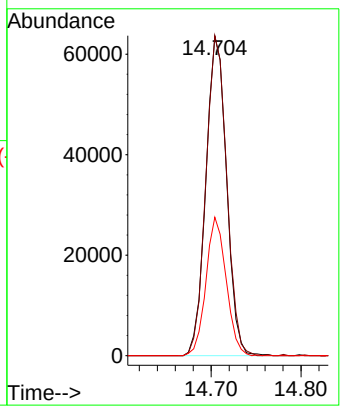


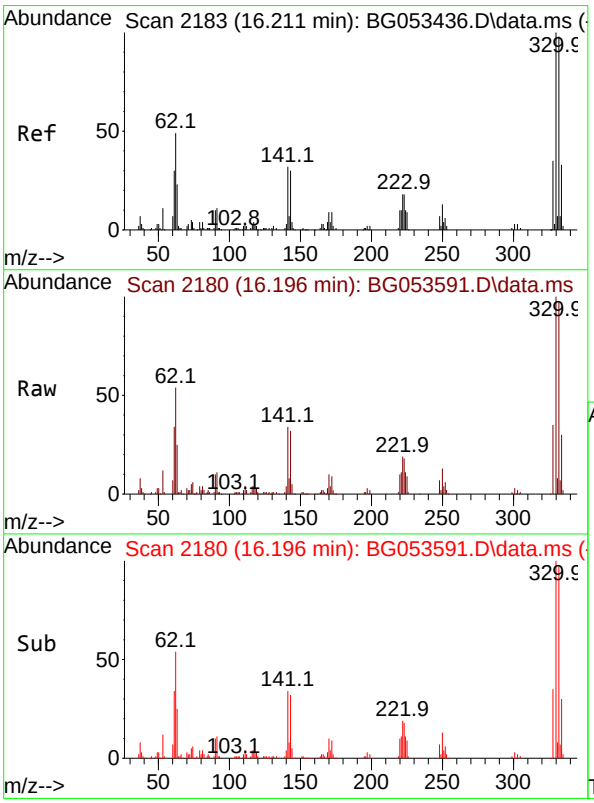
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:164 Resp: 101554

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.3	123.5
160	43.4	34.2	51.2

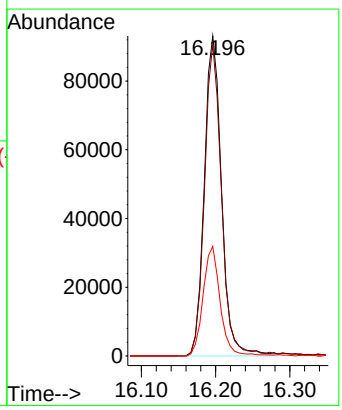


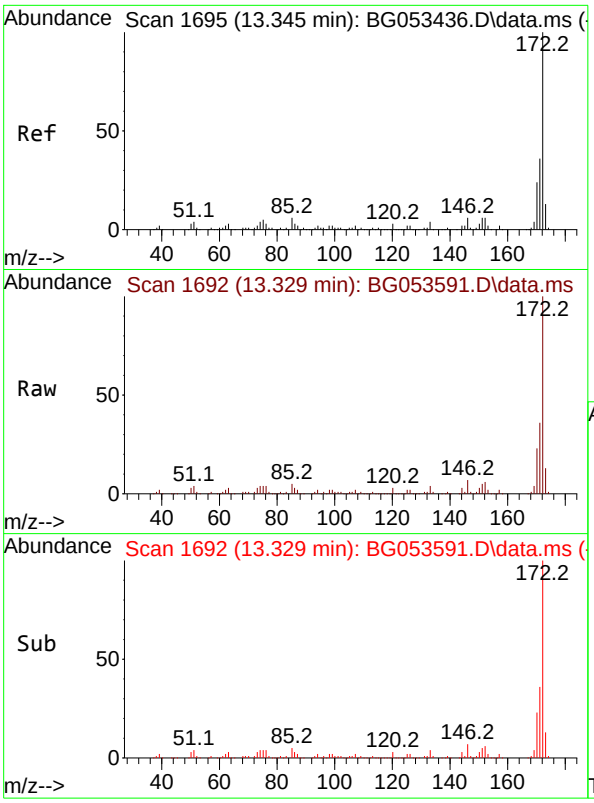


#42
2,4,6-Tribromophenol
Concen: 100.635 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:330 Resp: 150732

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	34.0	27.1	40.7



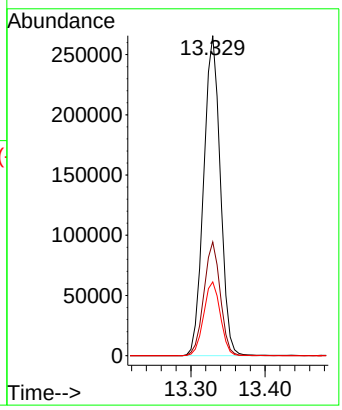


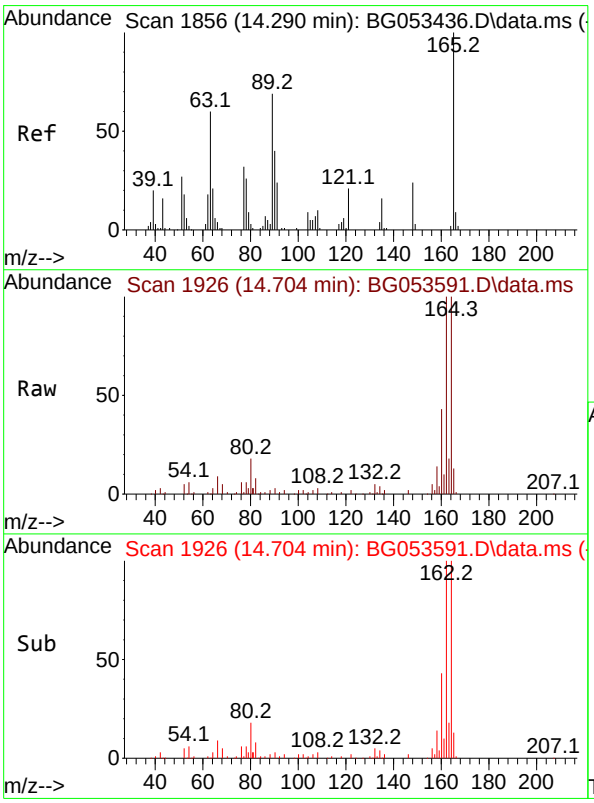
#45
2-Fluorobiphenyl
Concen: 59.626 ng
RT: 13.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:172 Resp: 414379

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.1	18.9	28.3

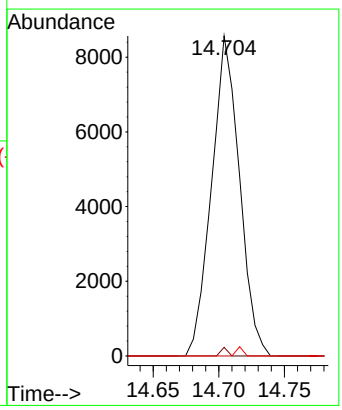


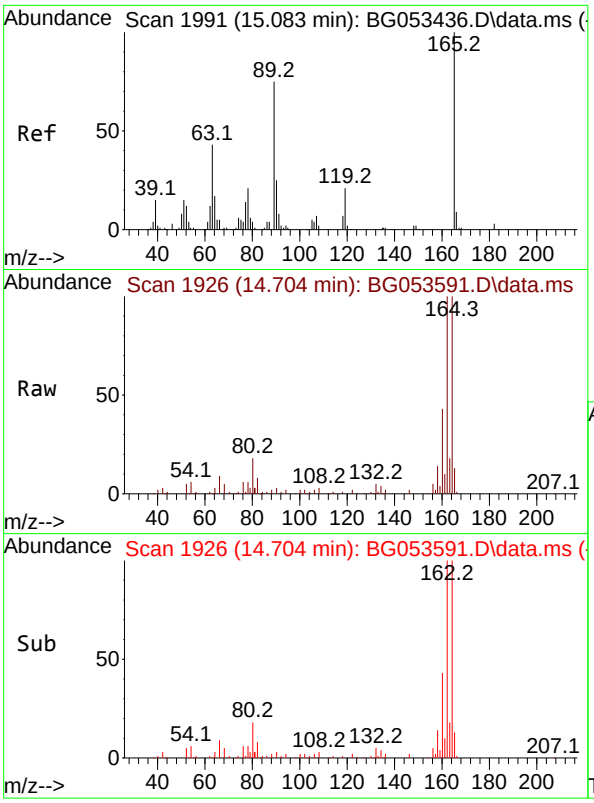


#51
2,6-Dinitrotoluene
Concen: 8.047 ng
RT: 14.704 min Scan# 1926
Delta R.T. 0.423 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:165 Resp: 12651

Ion	Ratio	Lower	Upper
165	100		
63	2.7	54.1	81.1#
89	0.0	54.8	82.2#



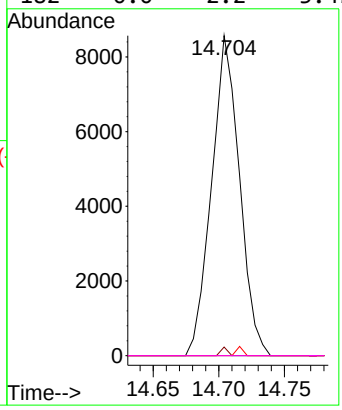


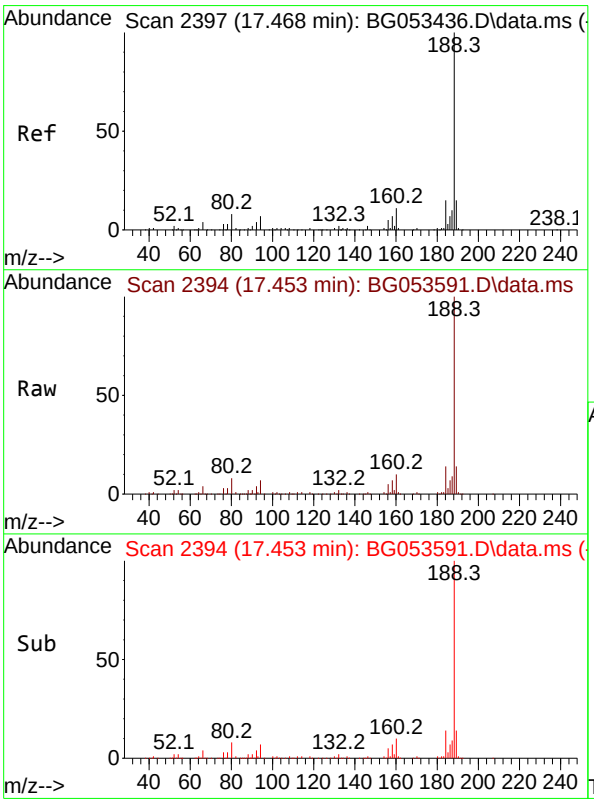
#57
2,4-Dinitrotoluene
Concen: 5.551 ng
RT: 14.704 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:165 Resp: 12651

Ion	Ratio	Lower	Upper
165	100		
63	2.7	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

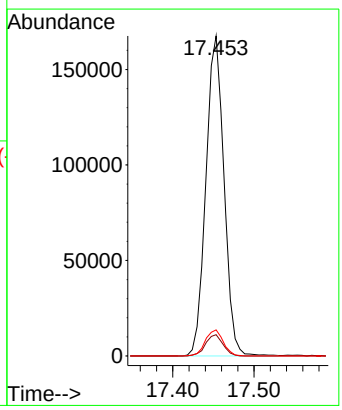


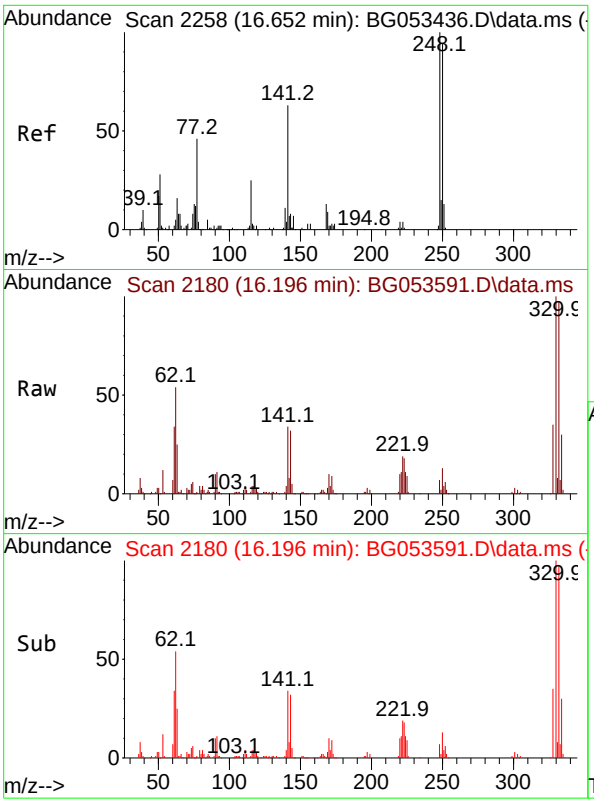


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:188 Resp: 258894

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.4	8.0
80	8.1	6.8	10.2



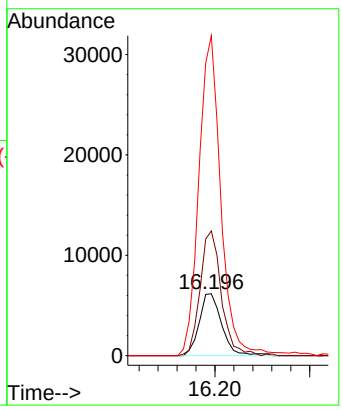


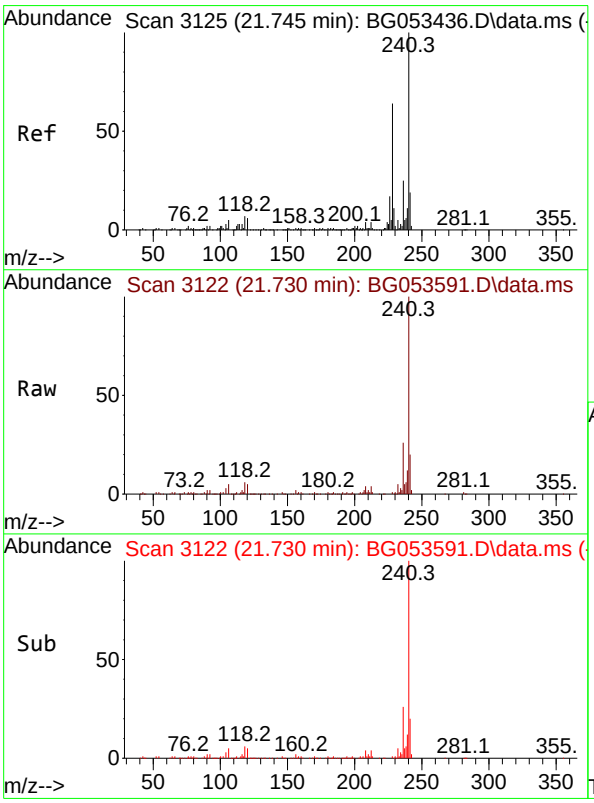
#67
4-Bromophenyl-phenylether
Concen: 3.362 ng
RT: 16.196 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:248 Resp: 10166

Ion	Ratio	Lower	Upper
248	100		
250	201.2	75.2	112.8#
141	516.3	50.0	75.0#

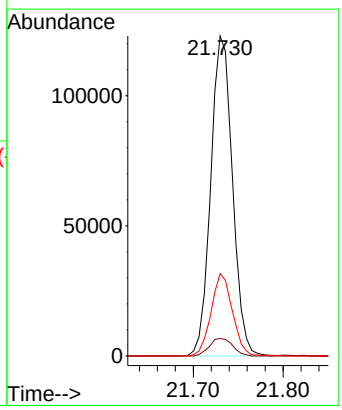


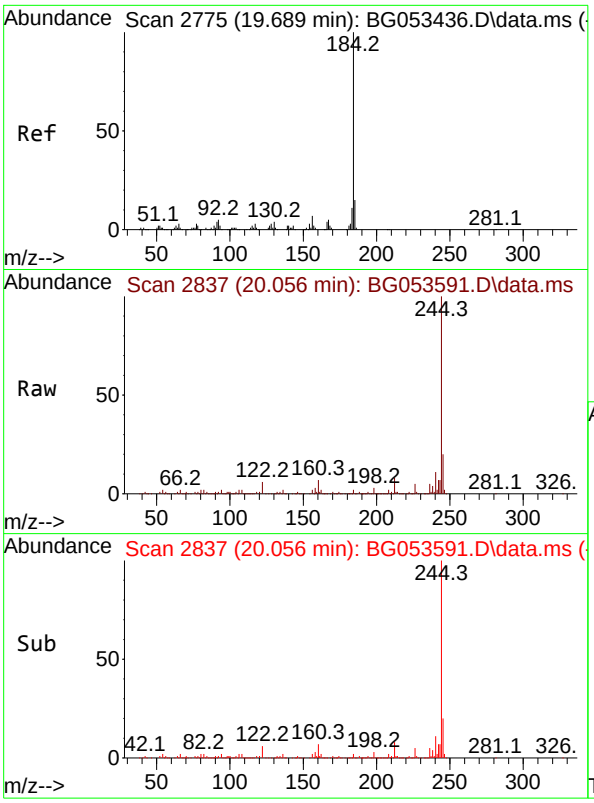


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:240 Resp: 206469

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	7.0
236	25.7	20.2	30.4



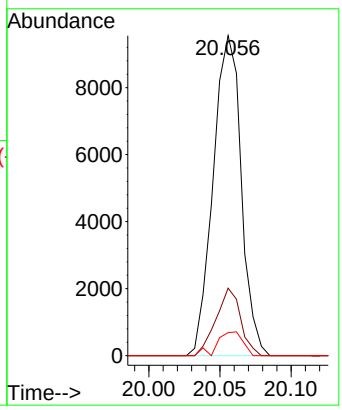


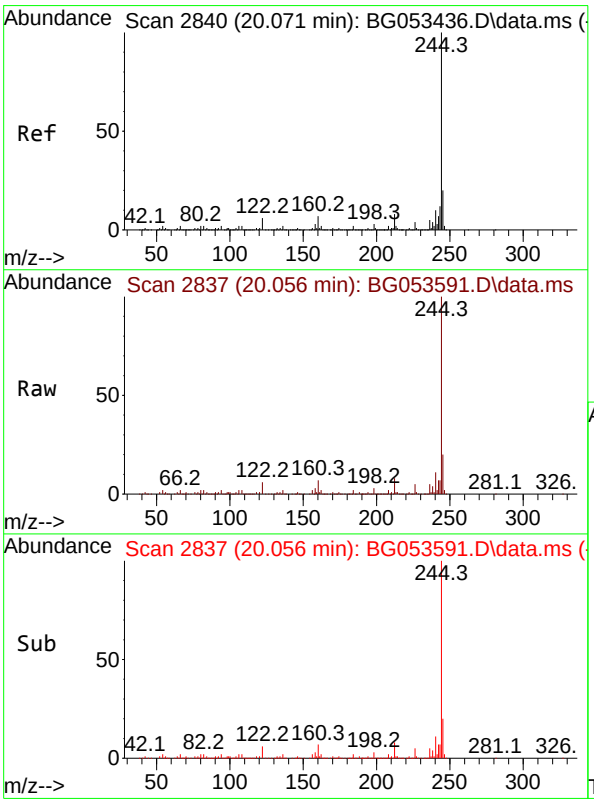
#77
Benzidine
Concen: 2.945 ng
RT: 20.056 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:184 Resp: 13105

Ion	Ratio	Lower	Upper
184	100		
185	21.1	11.8	17.6#
183	7.2	8.9	13.3#

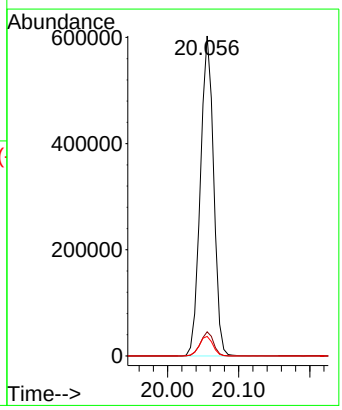


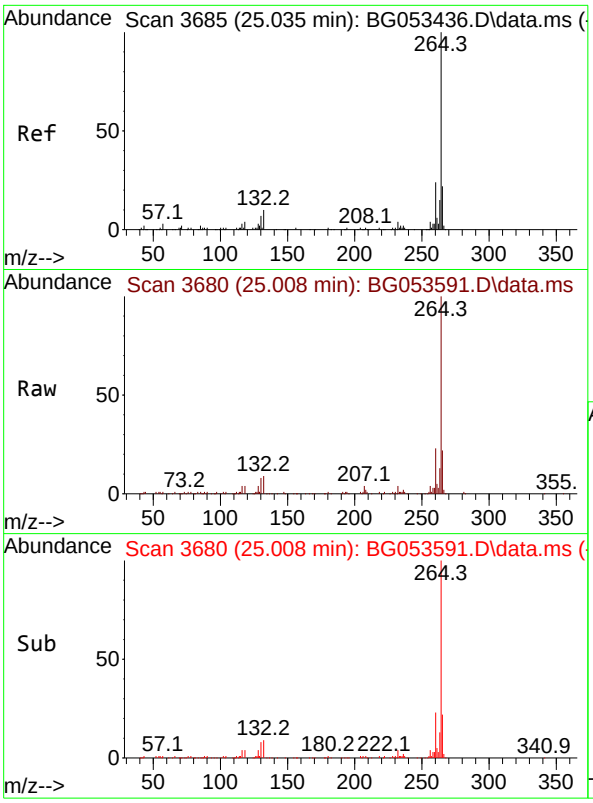


#79
Terphenyl-d14
Concen: 70.631 ng
RT: 20.056 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:244 Resp: 782998

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	6.1	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:264 Resp: 200909

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.5	17.4	26.2