Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053598.D
Acq On : 18 May 2022 10:17
Operator : CG/JU
Sample : PB144891BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Quant Time: May 18 14:03:12 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	8.081	152	22562	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	94968	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	81177	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	207588	20.000	ng	0.00
76) Chrysene-d12	21.733	240	214199	20.000	ng	0.00
86) Perylene-d12	25.011	264	212586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	192036	144.451	ng	0.00
7) Phenol-d6	7.247	99	289646	143.560	ng	0.00
23) Nitrobenzene-d5	9.244	82	201591	90.361	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	159250	133.011	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	491359	88.450	ng	0.00
79) Terphenyl-d14	20.059	244	1067370	92.808	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.244	70	28170	19.460	ng	# 76
51) 2,6-Dinitrotoluene	14.708	165	10358	8.242	ng	# 16
57) 2,4-Dinitrotoluene	14.708	165	10358	5.686	ng	# 21
67) 4-Bromophenyl-phenylether	16.194	248	9938	4.099	ng	# 1
77) Benzidine	20.059	184	17850	3.866	ng	# 94

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

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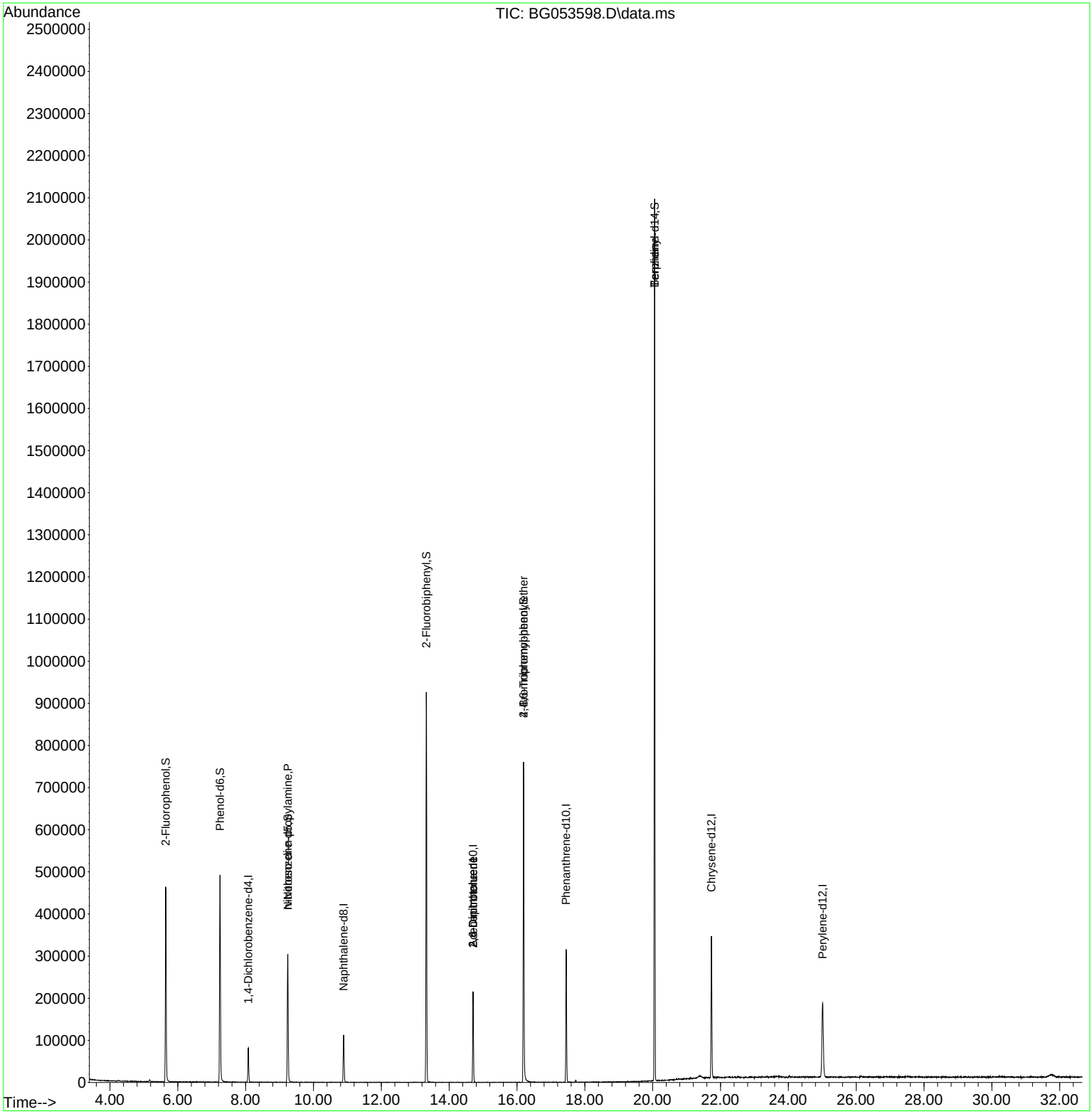
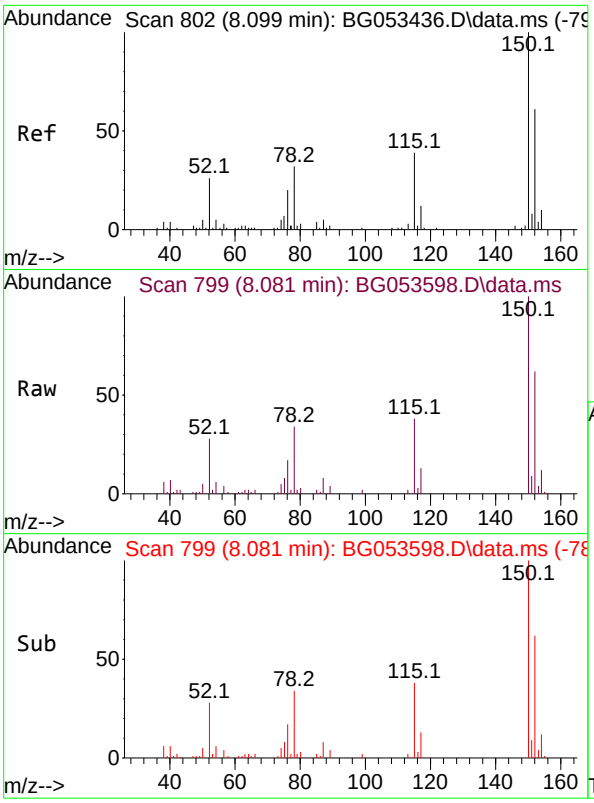


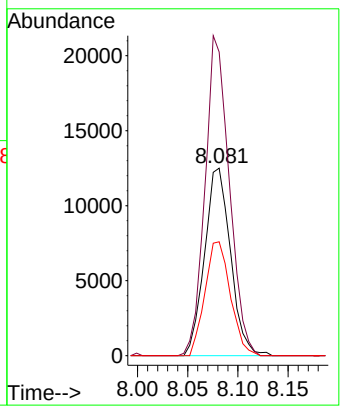


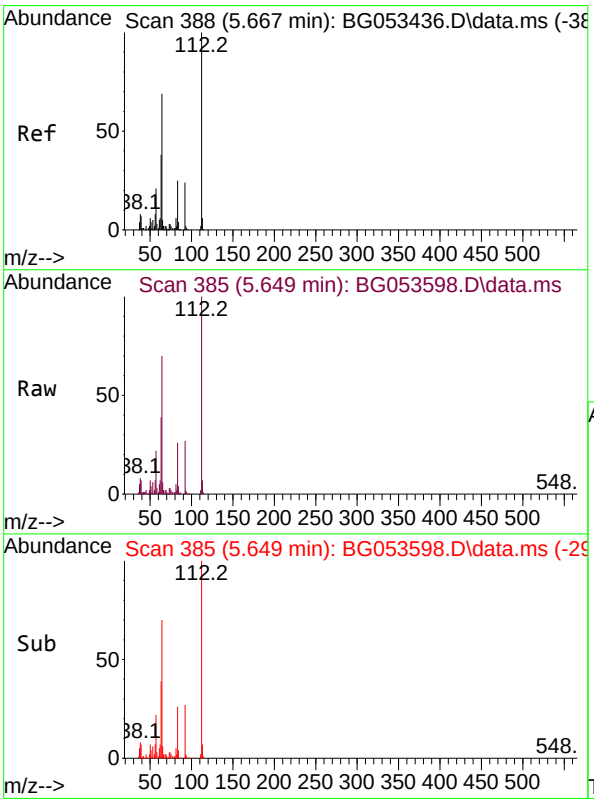
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 7
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:152 Resp: 22562

Ion	Ratio	Lower	Upper
152	100		
150	161.9	131.6	197.4
115	60.7	50.9	76.3

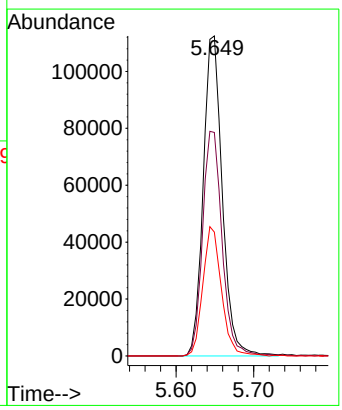


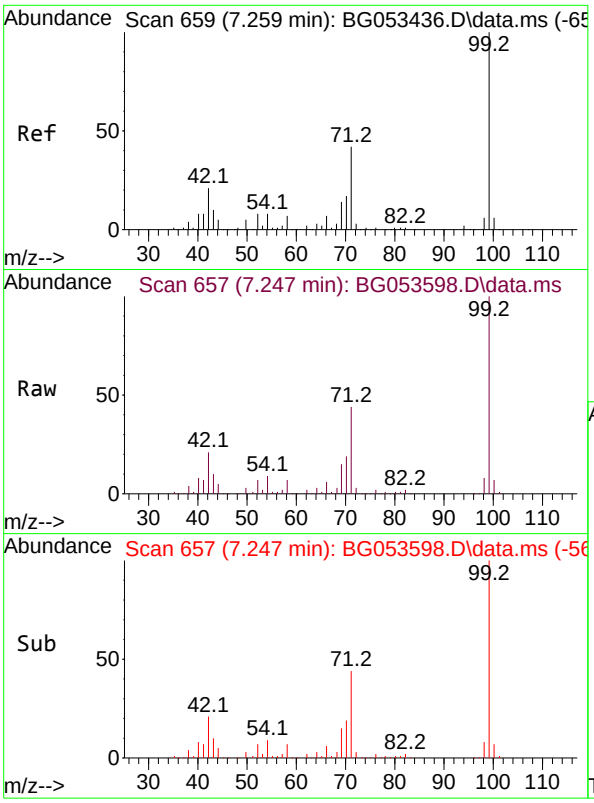


#5
2-Fluorophenol
Concen: 144.451 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion:112 Resp: 192036

Ion	Ratio	Lower	Upper
112	100		
64	69.8	55.1	82.7
63	38.7	30.4	45.6



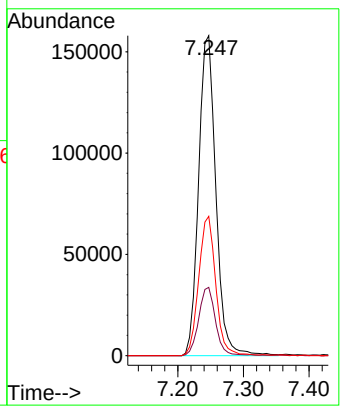


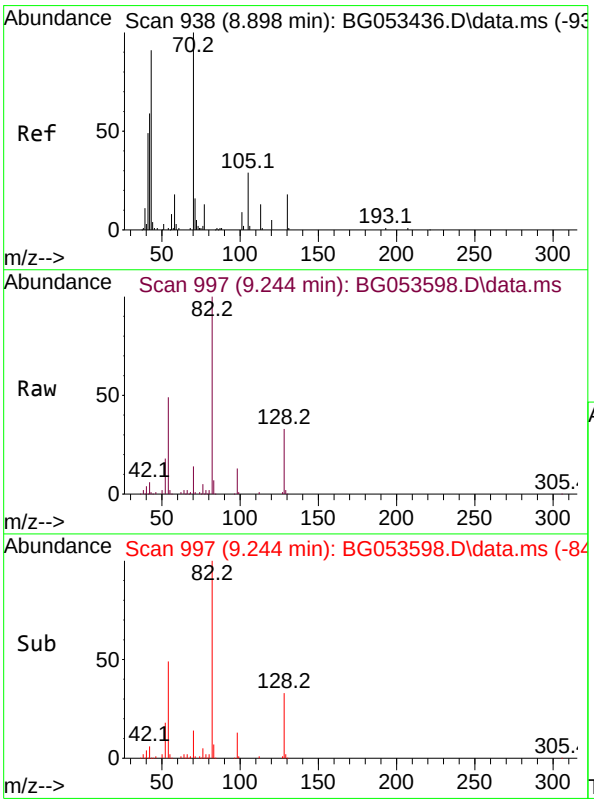
#7
Phenol-d6
Concen: 143.560 ng
RT: 7.247 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion: 99 Resp: 289646

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	43.5	33.8	50.8

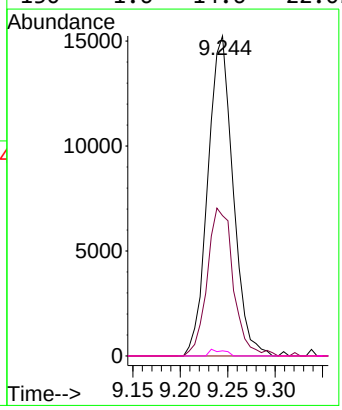


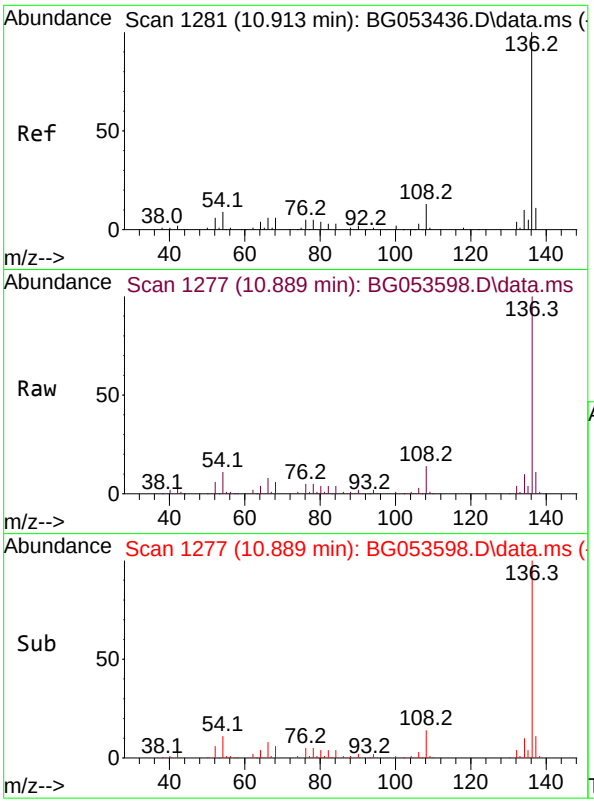


#19
n-Nitroso-di-n-propylamine
Concen: 19.460 ng
RT: 9.244 min Scan# 997
Delta R.T. 0.356 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion: 70 Resp: 28170

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.3	70.9#
101	0.0	7.0	10.4#
130	1.6	14.6	22.0#



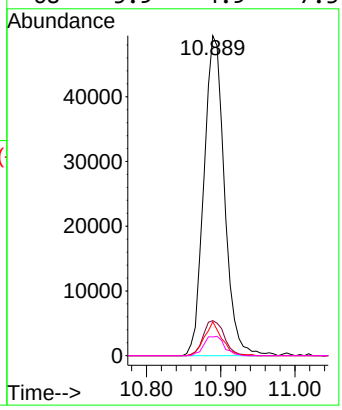


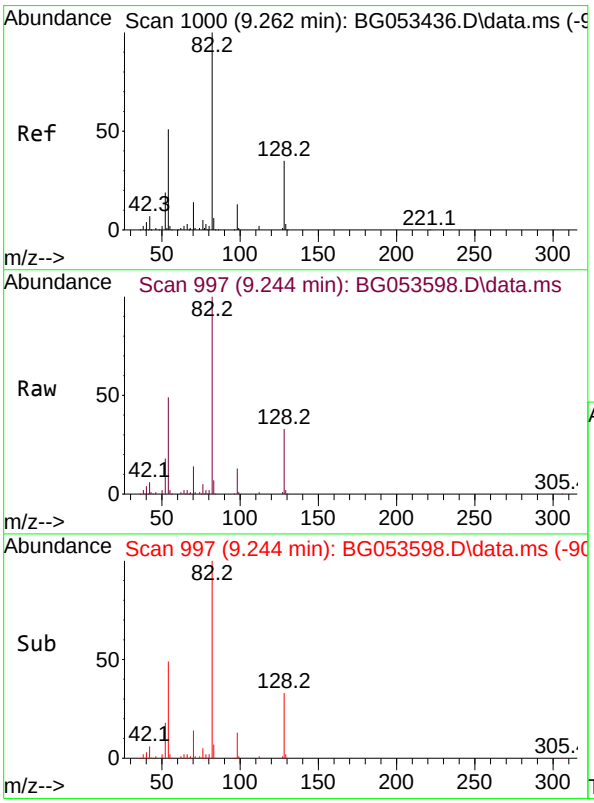
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:136 Resp: 94968

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.6	7.4	11.2
68	5.9	4.9	7.3

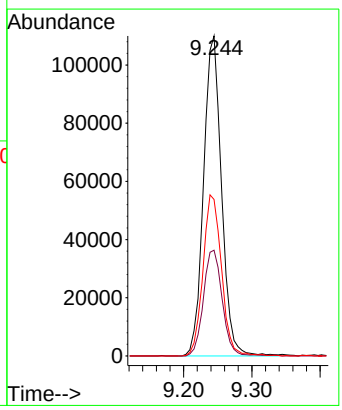


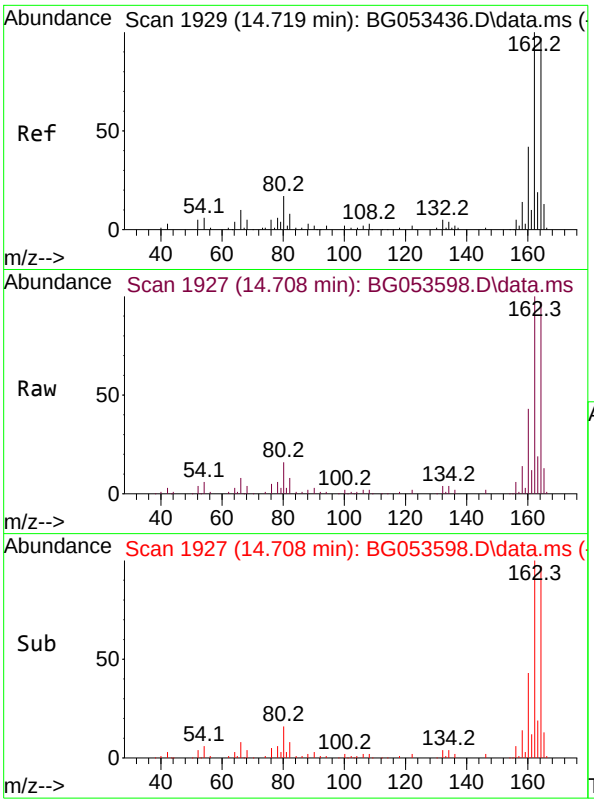


#23
Nitrobenzene-d5
Concen: 90.361 ng
RT: 9.244 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion: 82 Resp: 201591

Ion	Ratio	Lower	Upper
82	100		
128	33.1	27.9	41.9
54	48.9	41.2	61.8



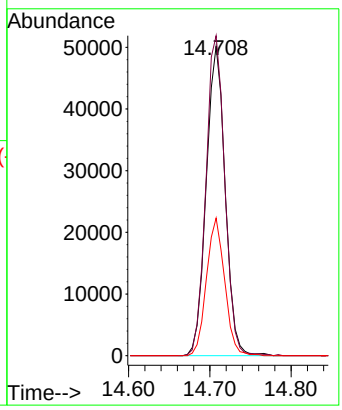


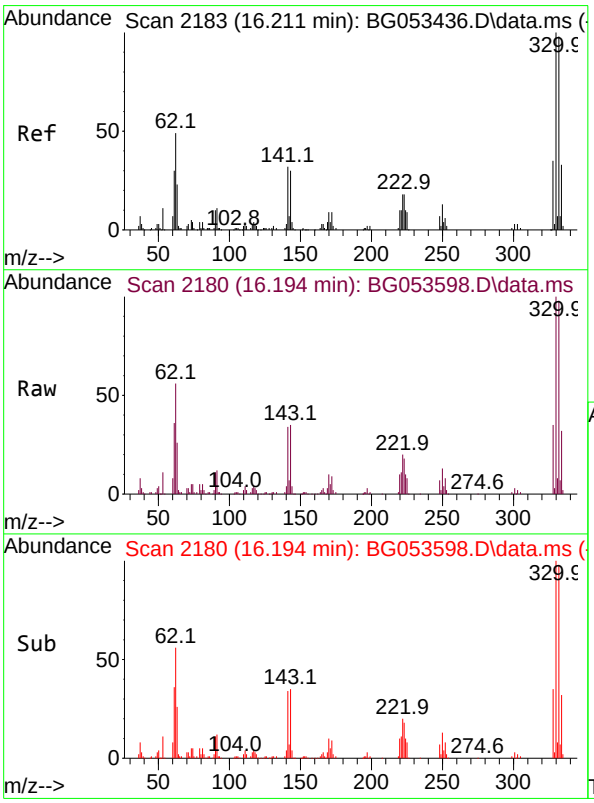
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:164 Resp: 81177

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.3	123.5
160	44.4	34.2	51.2

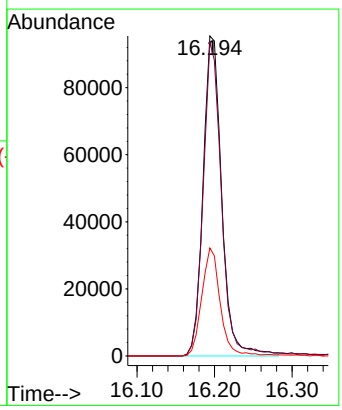


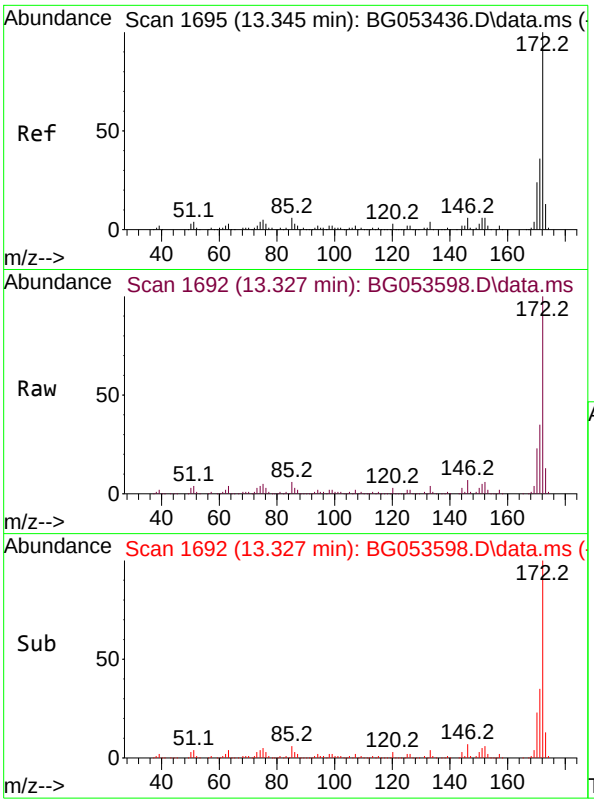


#42
2,4,6-Tribromophenol
Concen: 133.011 ng
RT: 16.194 min Scan# 2180
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion:330 Resp: 159250

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	33.8	27.1	40.7



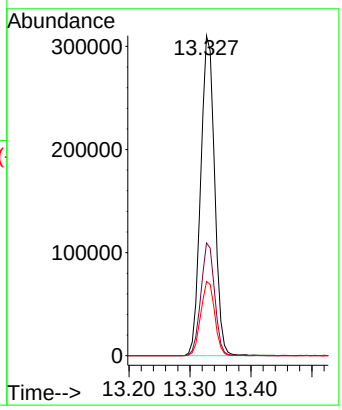


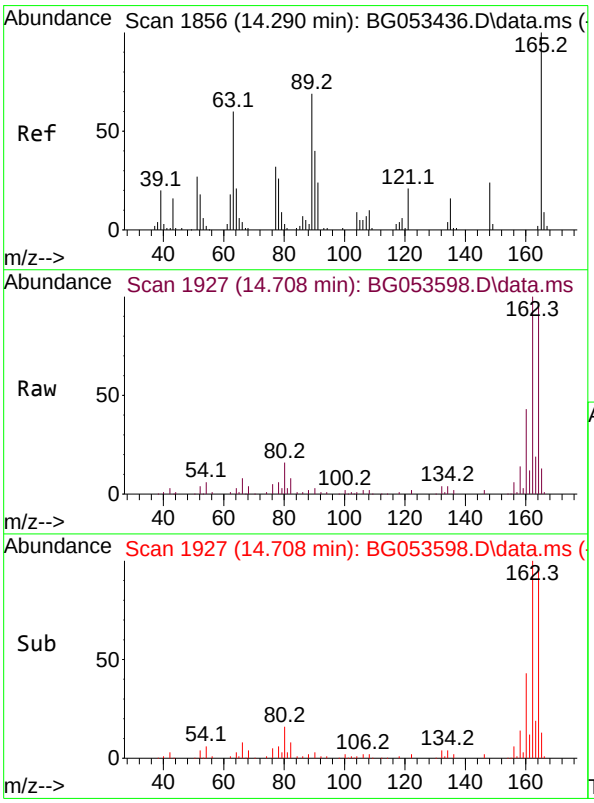
#45
2-Fluorobiphenyl
Concen: 88.450 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:172 Resp: 491359

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.2	18.9	28.3

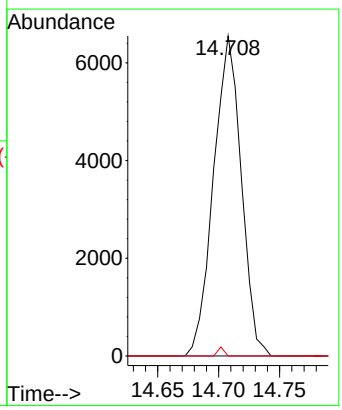


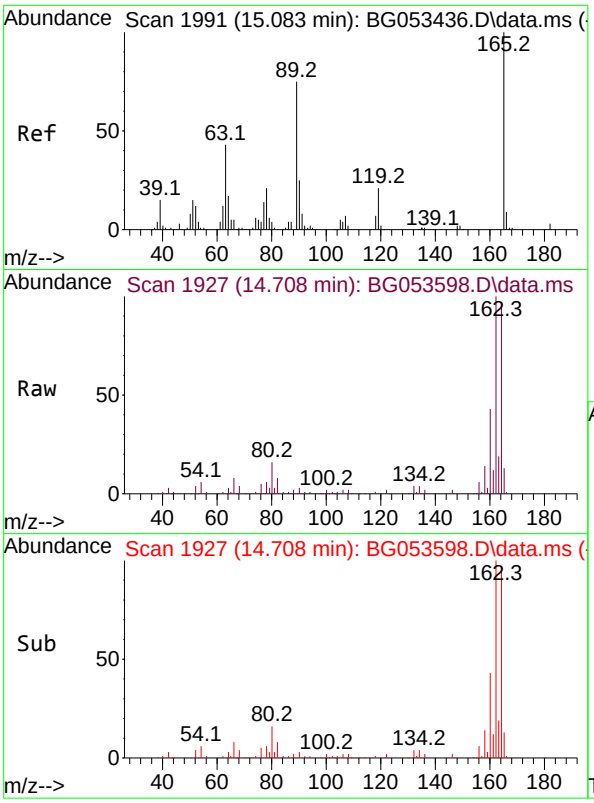


#51
2,6-Dinitrotoluene
Concen: 8.242 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.427 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion:165 Resp: 10358

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



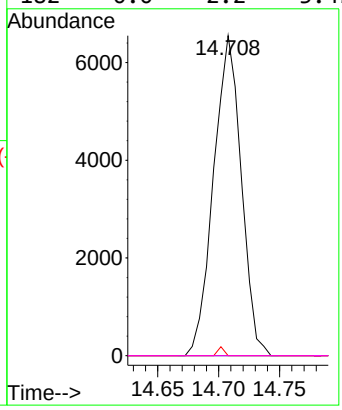


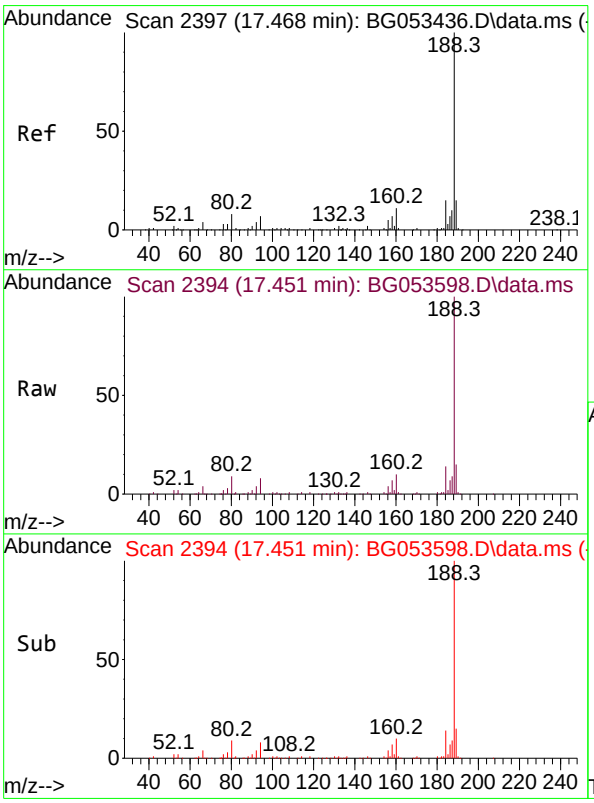
#57
2,4-Dinitrotoluene
Concen: 5.686 ng
RT: 14.708 min Scan# 1
Delta R.T. -0.366 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:165 Resp: 10358

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#

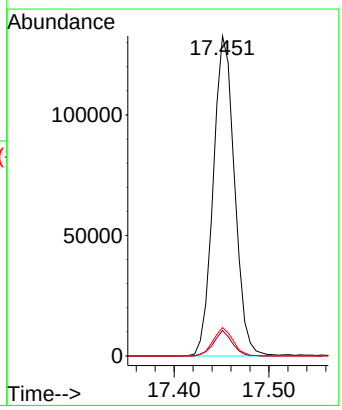


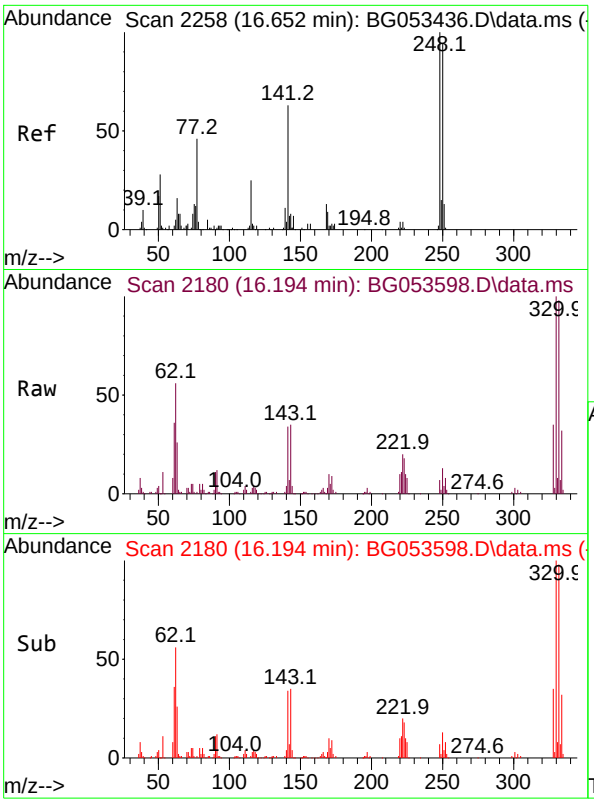


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2394
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion:188 Resp: 207588

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.4	8.0
80	8.8	6.8	10.2



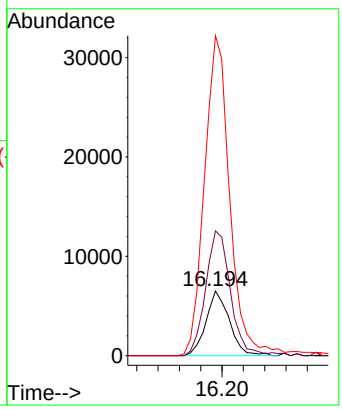


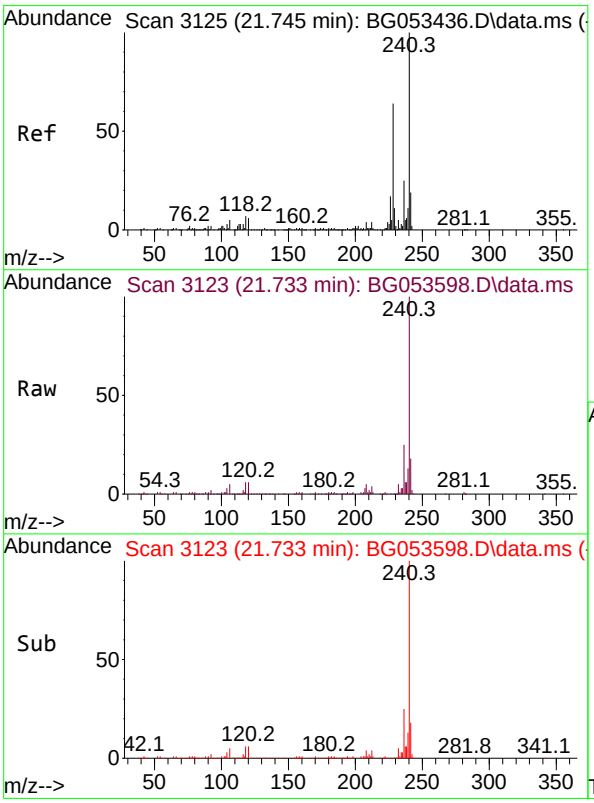
#67
4-Bromophenyl-phenylether
Concen: 4.099 ng
RT: 16.194 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:248 Resp: 9938

Ion	Ratio	Lower	Upper
248	100		
250	193.3	75.2	112.8#
141	495.4	50.0	75.0#

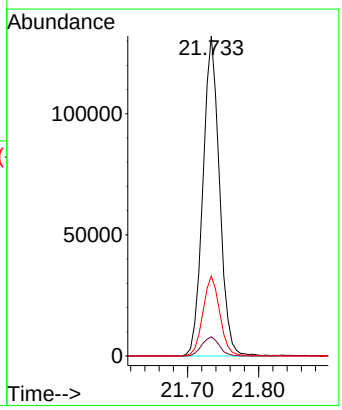


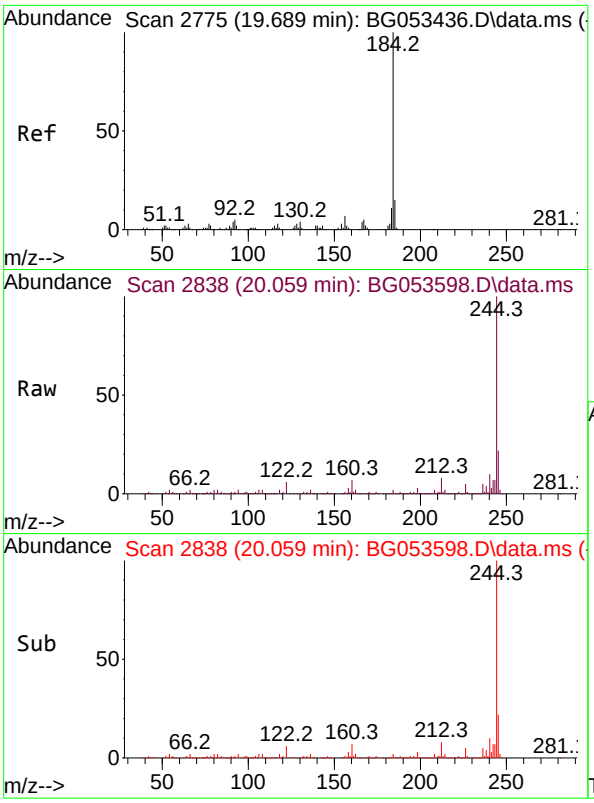


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion:240 Resp: 214199

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	7.0
236	25.0	20.2	30.4



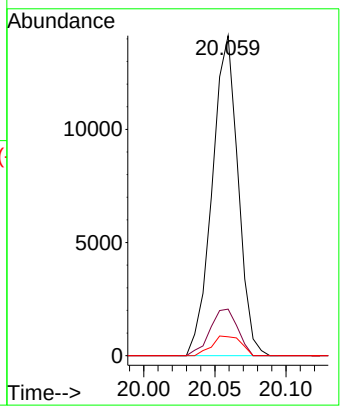


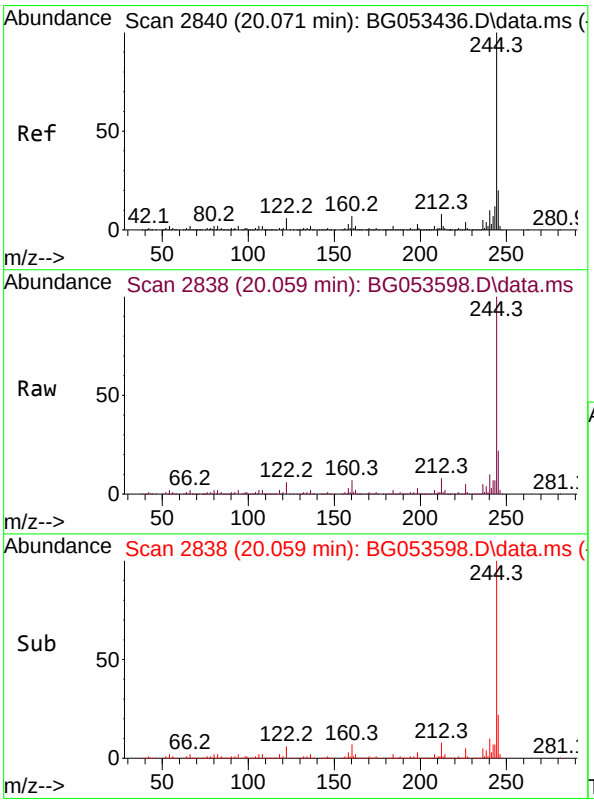
#77
Benzidine
Concen: 3.866 ng
RT: 20.059 min Scan# 2
Delta R.T. 0.380 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:184 Resp: 17850

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	5.9	8.9	13.3#

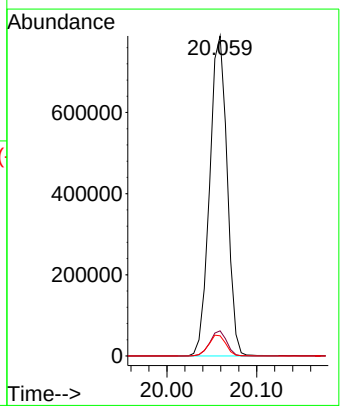


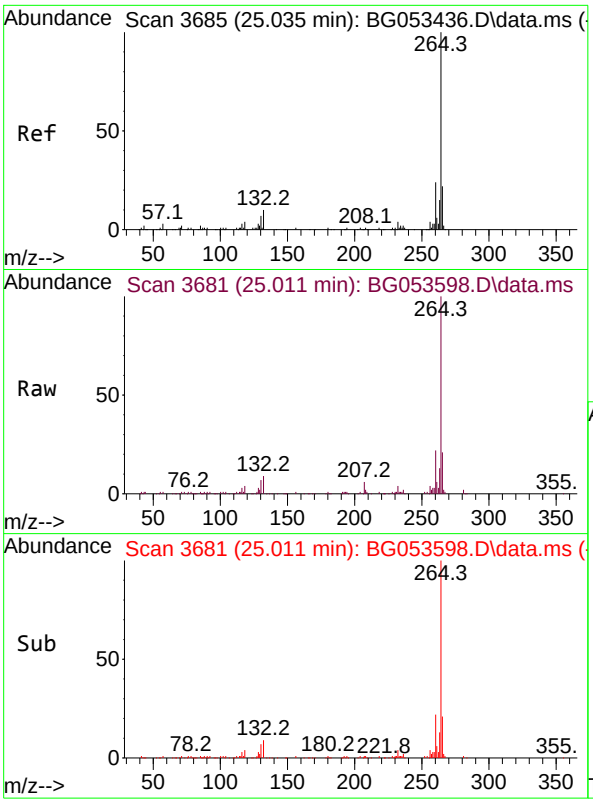


#79
Terphenyl-d14
Concen: 92.808 ng
RT: 20.059 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Tgt Ion:244 Resp: 1067370

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	6.3	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG053598.D
Acq: 18 May 2022 10:17

Instrument :
BNA_G
ClientSampleId :
PB144891BL

Tgt Ion:264 Resp: 212586

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.6
265	21.0	17.4	26.2