Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053451.D
Acq On : 5 May 2022 15:18
Operator : CG/JU
Sample : PB144603BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Quant Time: May 06 03:47:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	25324	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	102078	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	77908	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	198256	20.000	ng	0.00
76) Chrysene-d12	21.736	240	231490	20.000	ng	0.00
86) Perylene-d12	25.014	264	232940	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	207261	138.900	ng	0.00
7) Phenol-d6	7.255	99	304532	134.476	ng	0.00
23) Nitrobenzene-d5	9.253	82	208368	86.893	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	142369	123.901	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	472008	88.532	ng	0.00
79) Terphenyl-d14	20.062	244	1108449	89.181	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.253	70	29085	17.900	ng	# 78
51) 2,6-Dinitrotoluene	14.716	165	10505	8.710	ng	# 16
57) 2,4-Dinitrotoluene	14.716	165	10505	6.009	ng	# 21
67) 4-Bromophenyl-phenylether	16.202	248	9108	3.934	ng	# 1
77) Benzidine	20.062	184	18909	3.790	ng	# 92

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

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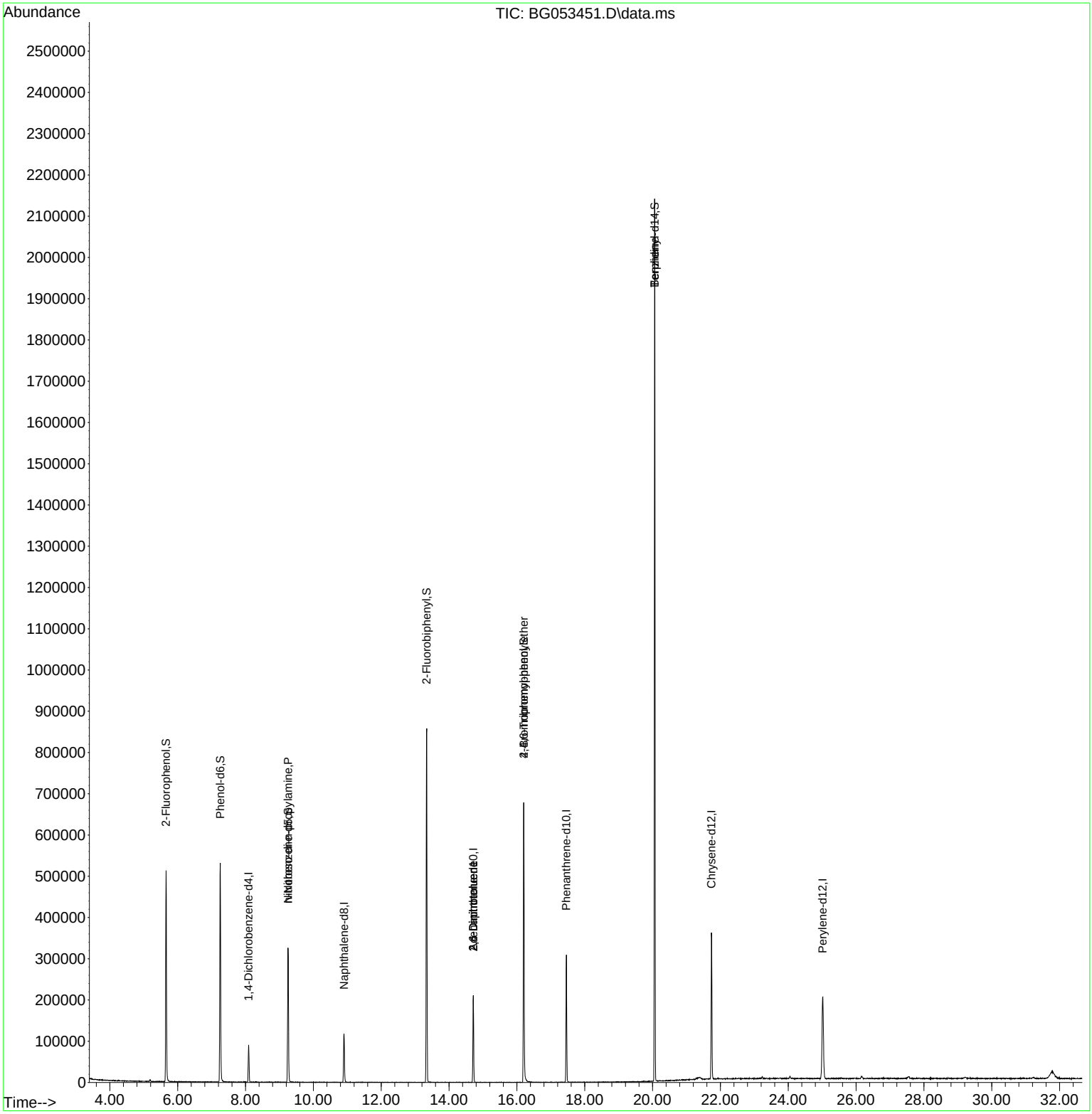
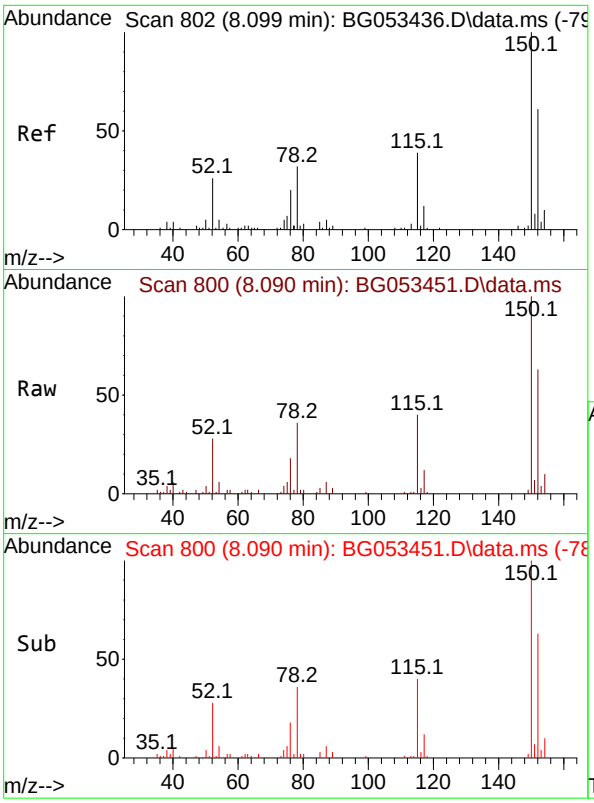


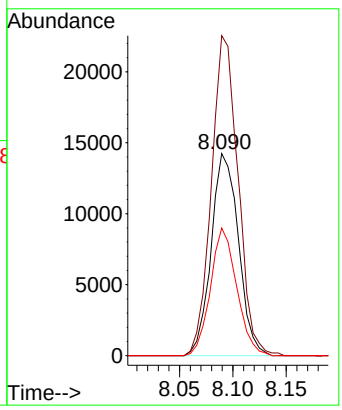


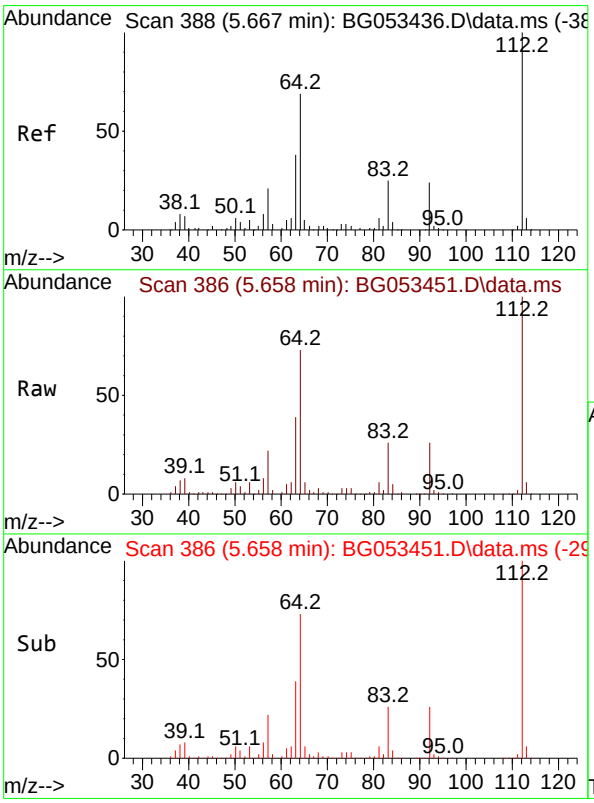
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 8(
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:152 Resp: 25324

Ion	Ratio	Lower	Upper
152	100		
150	158.4	131.6	197.4
115	63.2	50.9	76.3

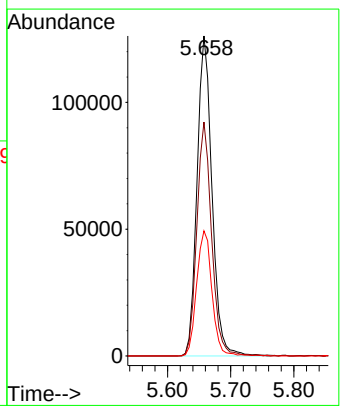


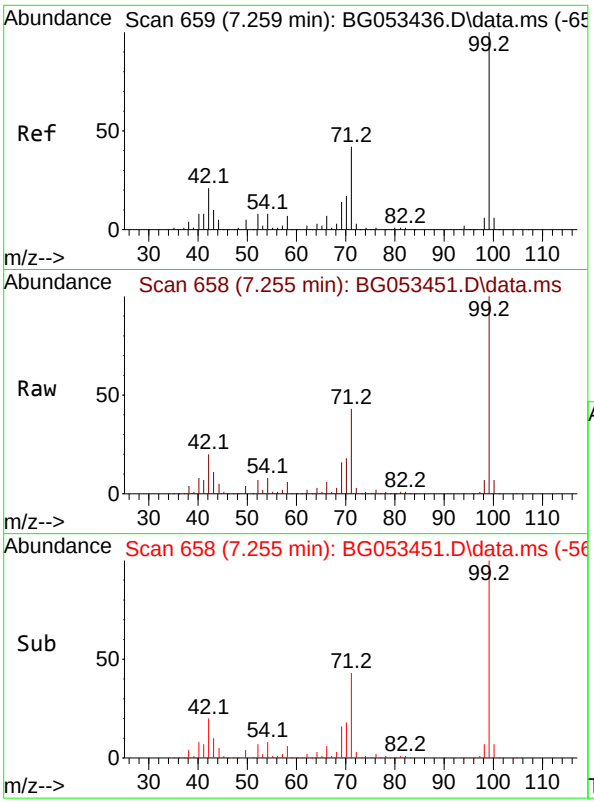


#5
2-Fluorophenol
Concen: 138.900 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:112 Resp: 207261

Ion	Ratio	Lower	Upper
112	100		
64	73.1	55.1	82.7
63	39.1	30.4	45.6



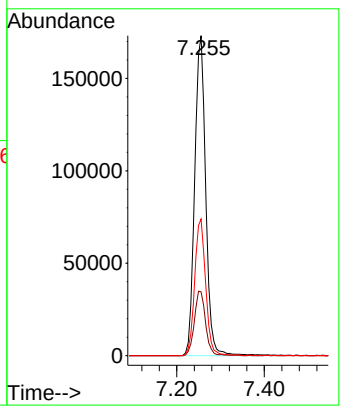


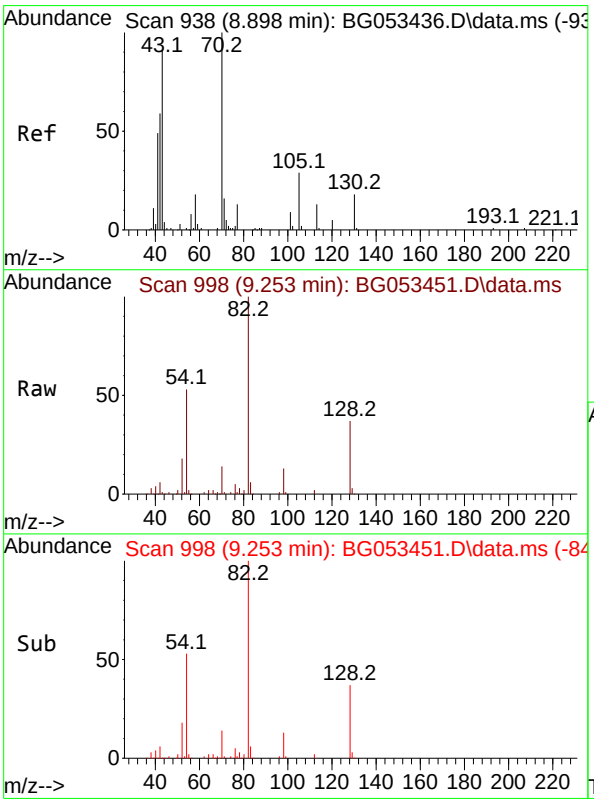
#7
Phenol-d6
Concen: 134.476 ng
RT: 7.255 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion: 99 Resp: 304532

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.0	25.6
71	42.7	33.8	50.8

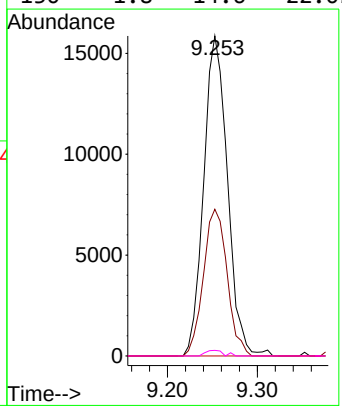


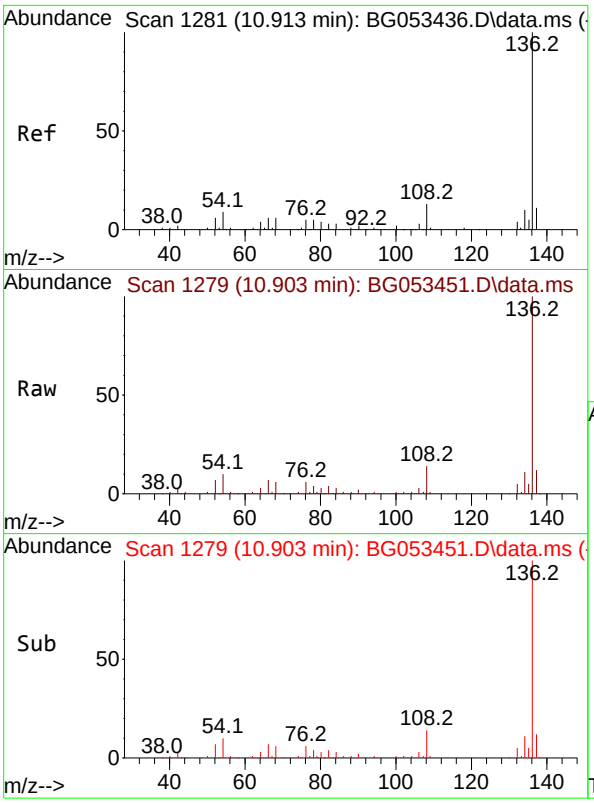


#19
n-Nitroso-di-n-propylamine
Concen: 17.900 ng
RT: 9.253 min Scan# 998
Delta R.T. 0.355 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion: 70 Resp: 29085

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.3	70.9#
101	0.0	7.0	10.4#
130	1.8	14.6	22.0#



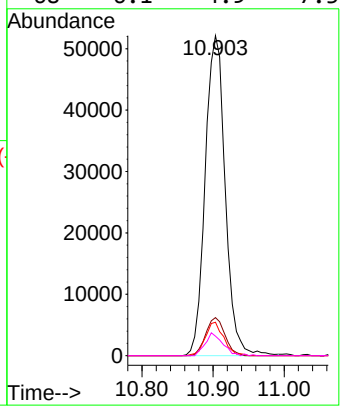


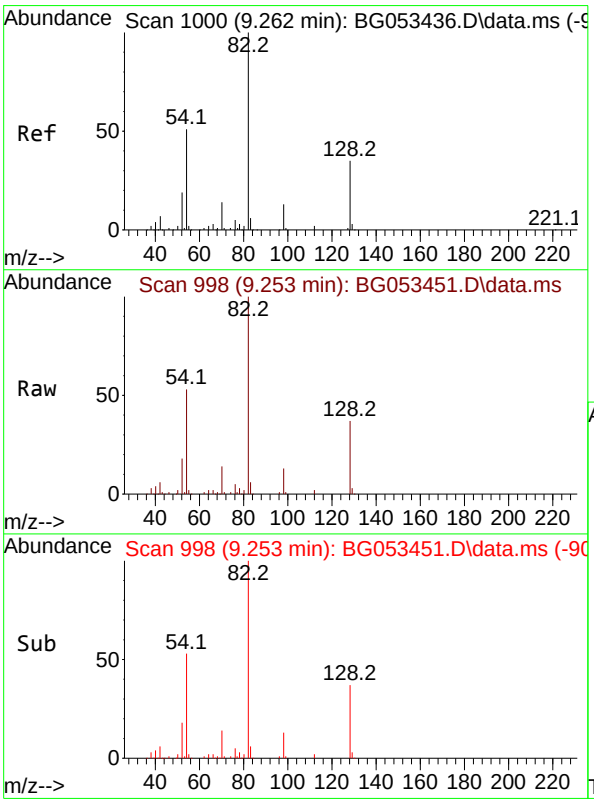
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:136 Resp: 102078

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.5	12.7
54	10.5	7.4	11.2
68	6.1	4.9	7.3

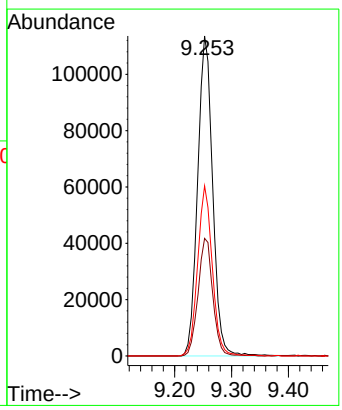


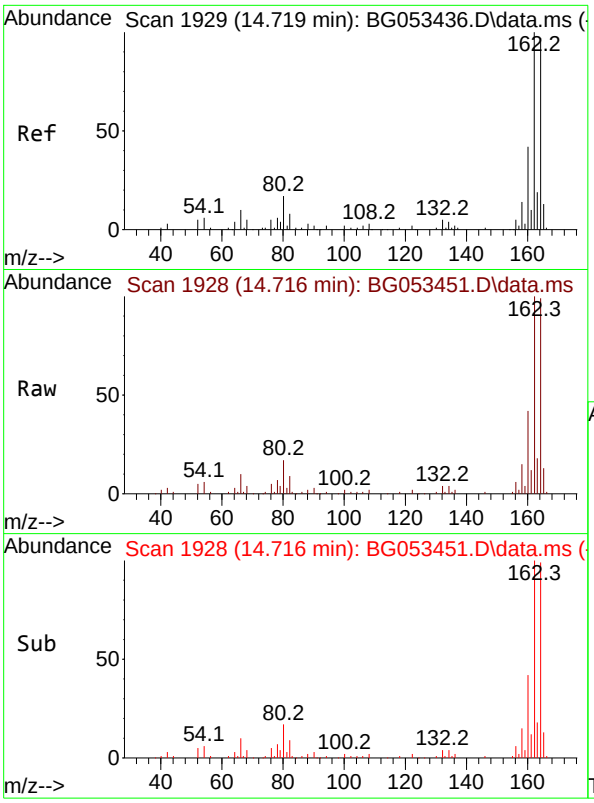


#23
Nitrobenzene-d5
Concen: 86.893 ng
RT: 9.253 min Scan# 998
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion: 82 Resp: 208368

Ion	Ratio	Lower	Upper
82	100		
128	36.7	27.9	41.9
54	53.2	41.2	61.8



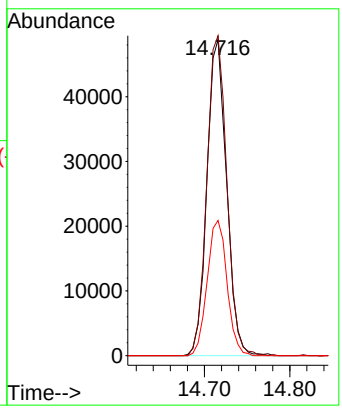


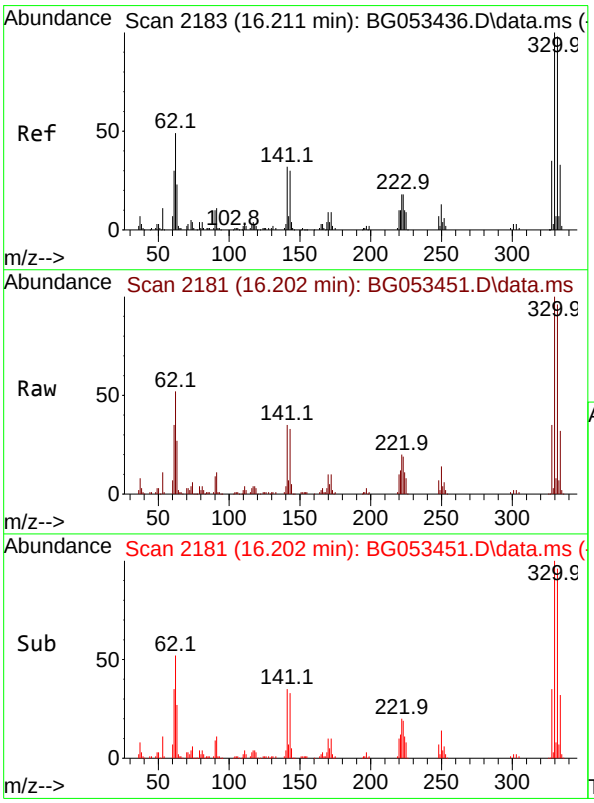
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:164 Resp: 77908

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.3	123.5
160	42.8	34.2	51.2

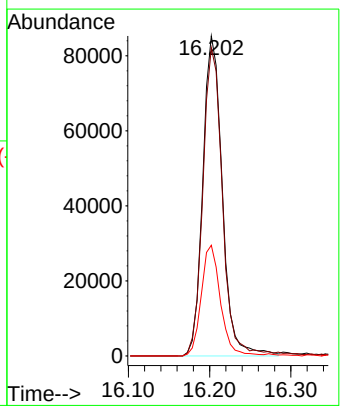


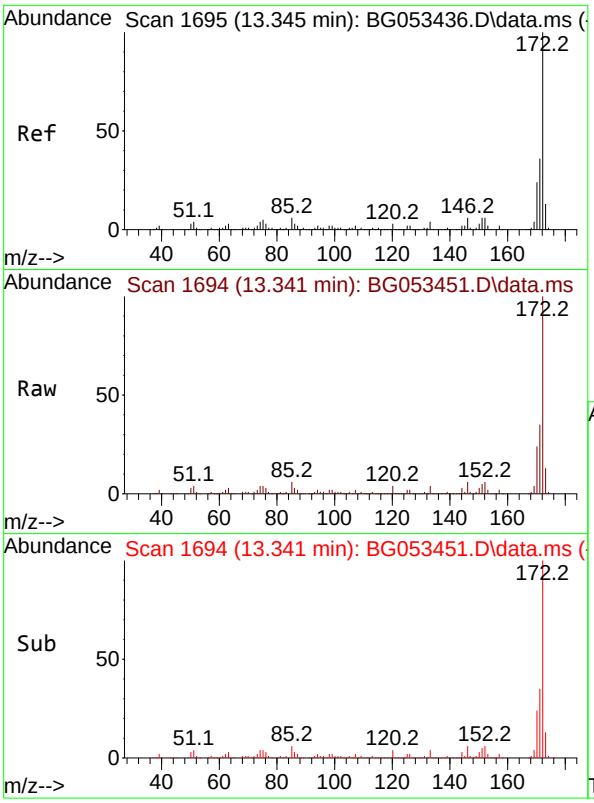


#42
2,4,6-Tribromophenol
Concen: 123.901 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:330 Resp: 142369

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	34.1	27.1	40.7



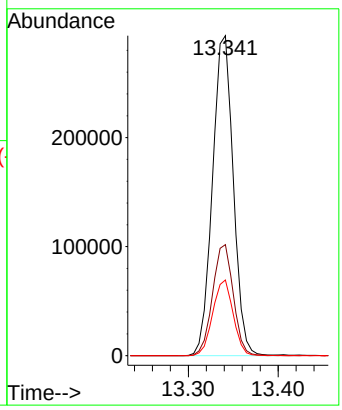


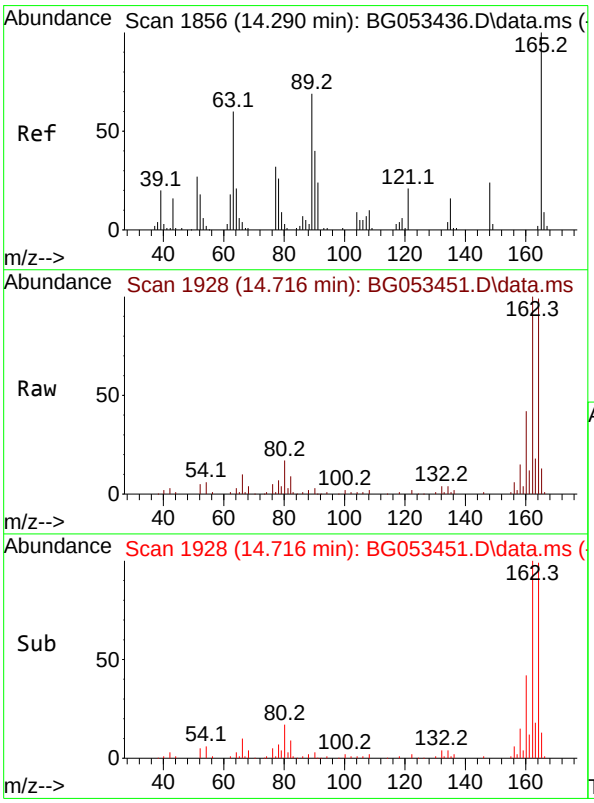
#45
2-Fluorobiphenyl
Concen: 88.532 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:172 Resp: 472008

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.7	18.9	28.3

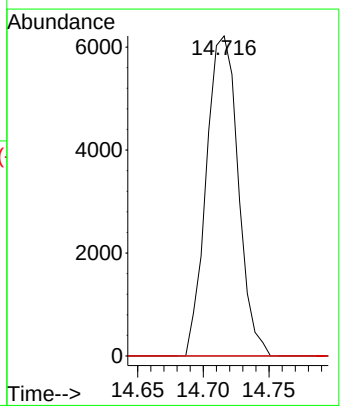


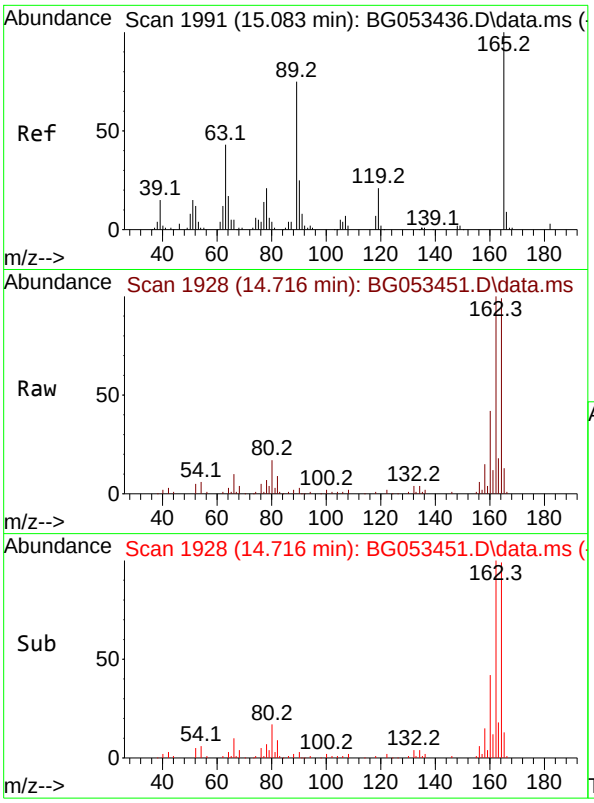


#51
2,6-Dinitrotoluene
Concen: 8.710 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.426 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:165 Resp: 10505

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



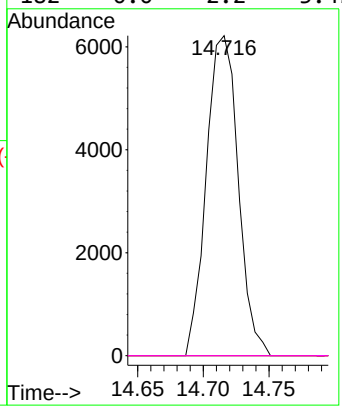


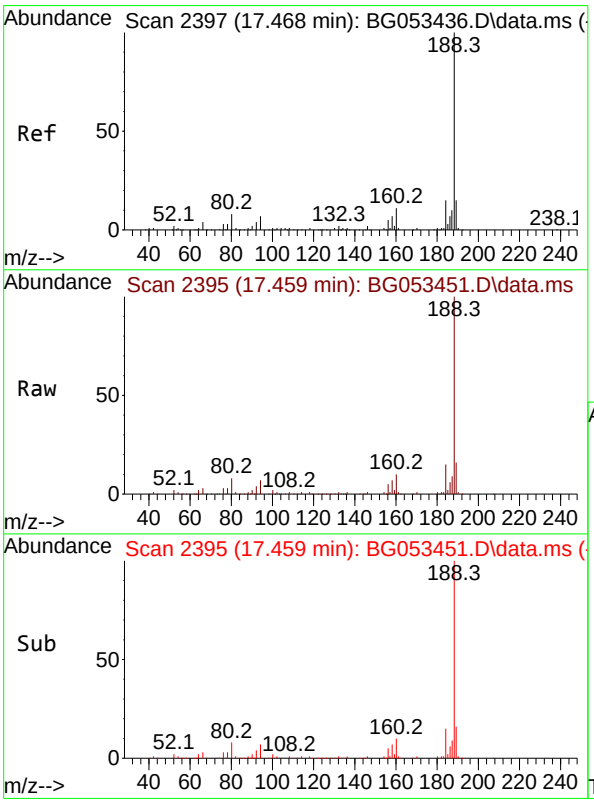
#57
2,4-Dinitrotoluene
Concen: 6.009 ng
RT: 14.716 min Scan# 1
Delta R.T. -0.368 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:165 Resp: 10505

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#

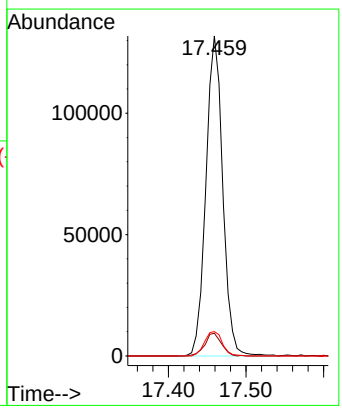


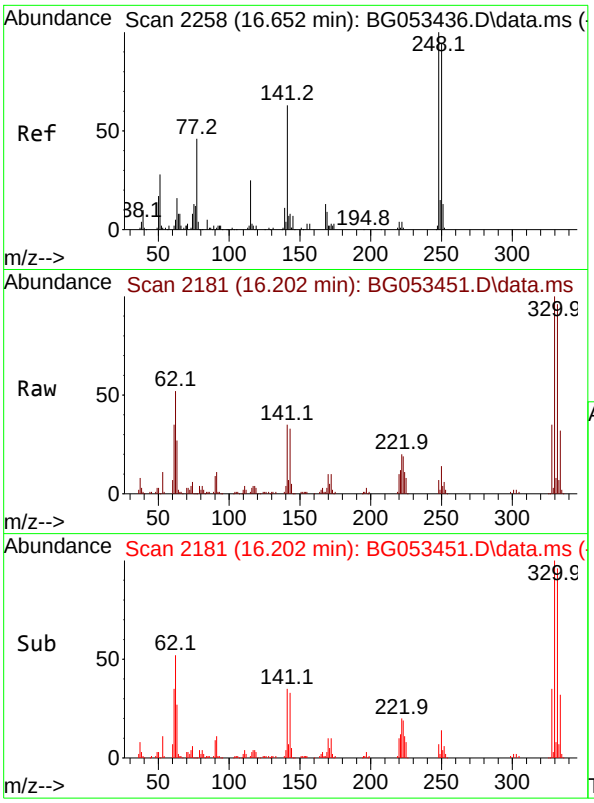


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:188 Resp: 198256

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.0
80	7.6	6.8	10.2



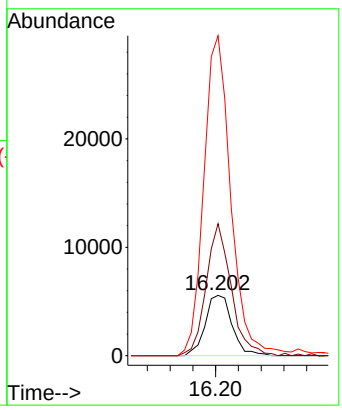


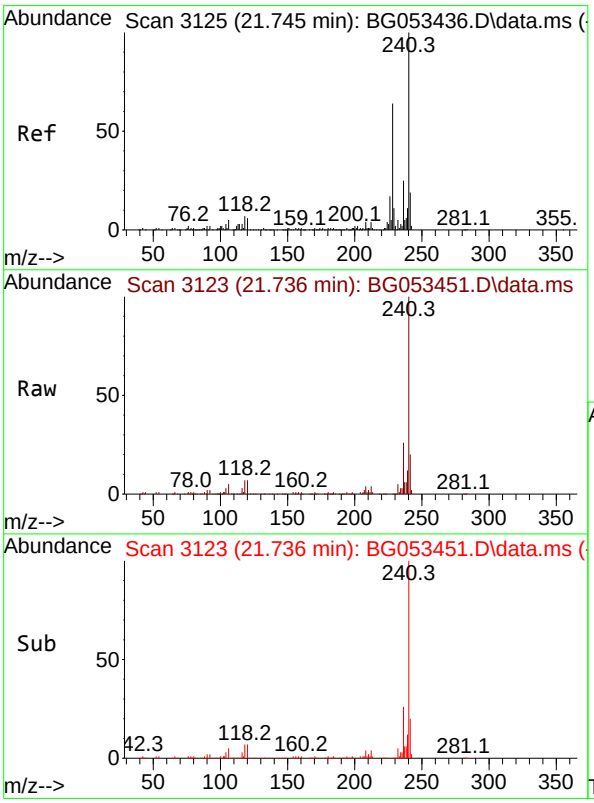
#67
4-Bromophenyl-phenylether
Concen: 3.934 ng
RT: 16.202 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:248 Resp: 9108

Ion	Ratio	Lower	Upper
248	100		
250	218.5	75.2	112.8#
141	530.0	50.0	75.0#

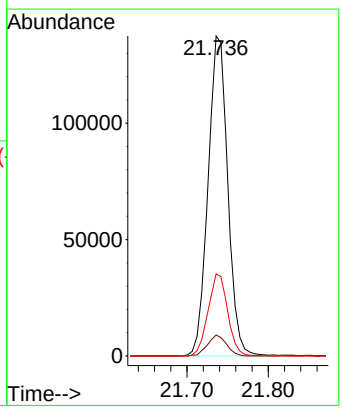


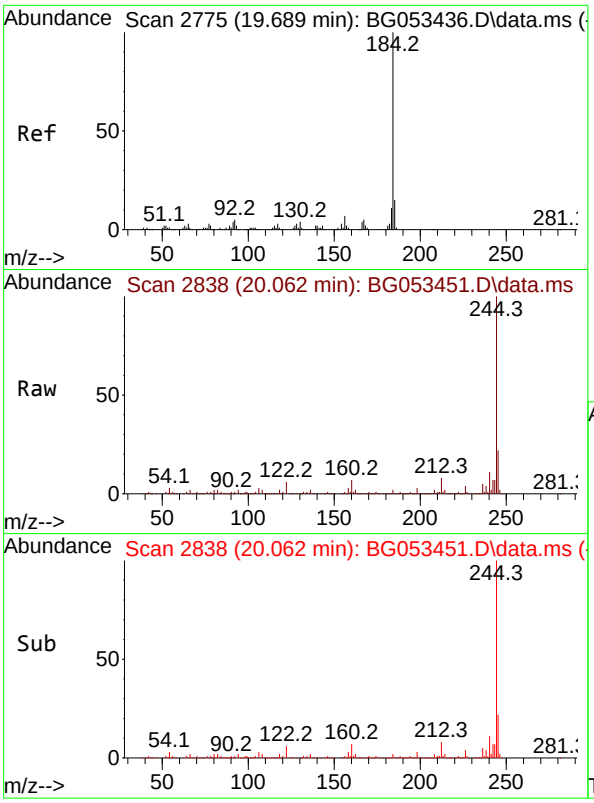


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:240 Resp: 231490

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.6	7.0
236	25.6	20.2	30.4



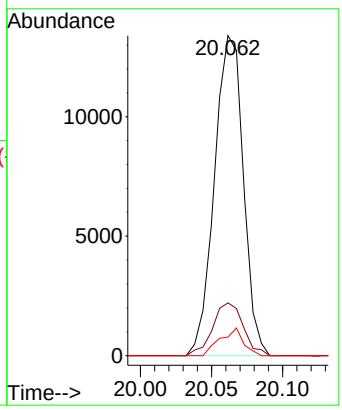


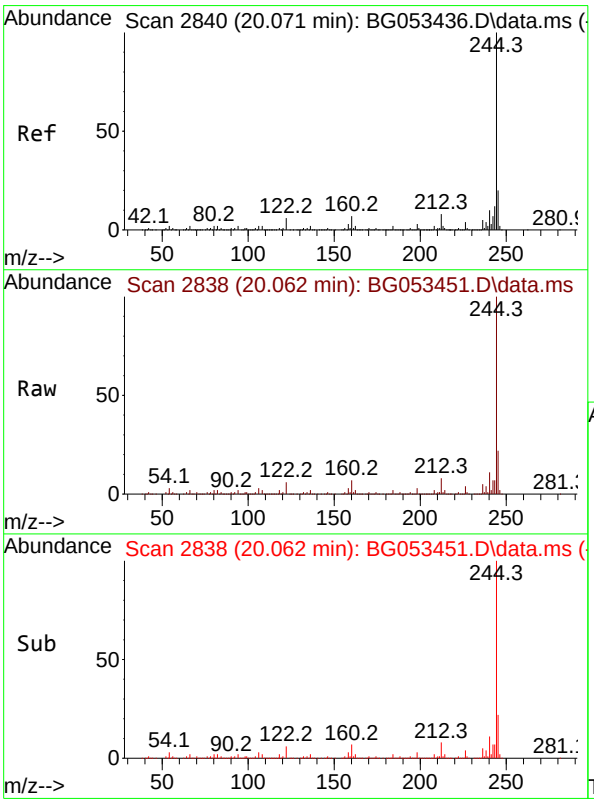
#77
Benzidine
Concen: 3.790 ng
RT: 20.062 min Scan# 2
Delta R.T. 0.373 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:184 Resp: 18909

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.8	17.6
183	5.8	8.9	13.3#

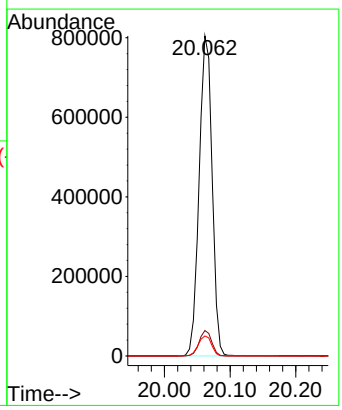


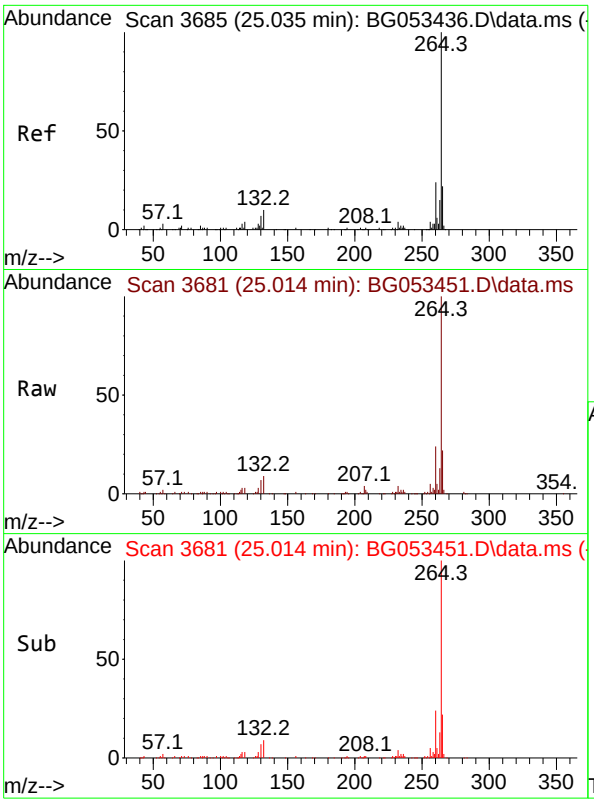


#79
Terphenyl-d14
Concen: 89.181 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.009 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Tgt Ion:244 Resp: 1108449

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	6.3	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG053451.D
Acq: 5 May 2022 15:18

Instrument :
BNA_G
ClientSampleId :
PB144603BL

Tgt Ion:264 Resp: 232940

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.2	17.4	26.2