Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053462.D
Acq On : 5 May 2022 22:30
Operator : CG/JU
Sample : N2677-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Quant Time: May 06 03:48:36 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	8.092	152	22951	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	91059	20.000	ng	-0.01
39) Acenaphthene-d10	14.713	164	68990	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	173110	20.000	ng	-0.01
76) Chrysene-d12	21.733	240	198937	20.000	ng	-0.01
86) Perylene-d12	25.016	264	205685	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	214123	158.335	ng	-0.01
7) Phenol-d6	7.252	99	310891	151.478	ng	0.00
23) Nitrobenzene-d5	9.250	82	224989	105.178	ng	-0.01
42) 2,4,6-Tribromophenol	16.199	330	158775	156.041	ng	-0.01
45) 2-Fluorobiphenyl	13.338	172	471566	99.883	ng	0.00
79) Terphenyl-d14	20.058	244	1024973	95.959	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.255	70	31437	21.348	ng	# 77
51) 2,6-Dinitrotoluene	14.713	165	8838	8.275	ng	# 18
57) 2,4-Dinitrotoluene	14.713	165	8838	5.709	ng	# 23
67) 4-Bromophenyl-phenylether	16.199	248	10660	5.273	ng	# 1
77) Benzidine	20.058	184	17996	4.197	ng	# 94

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

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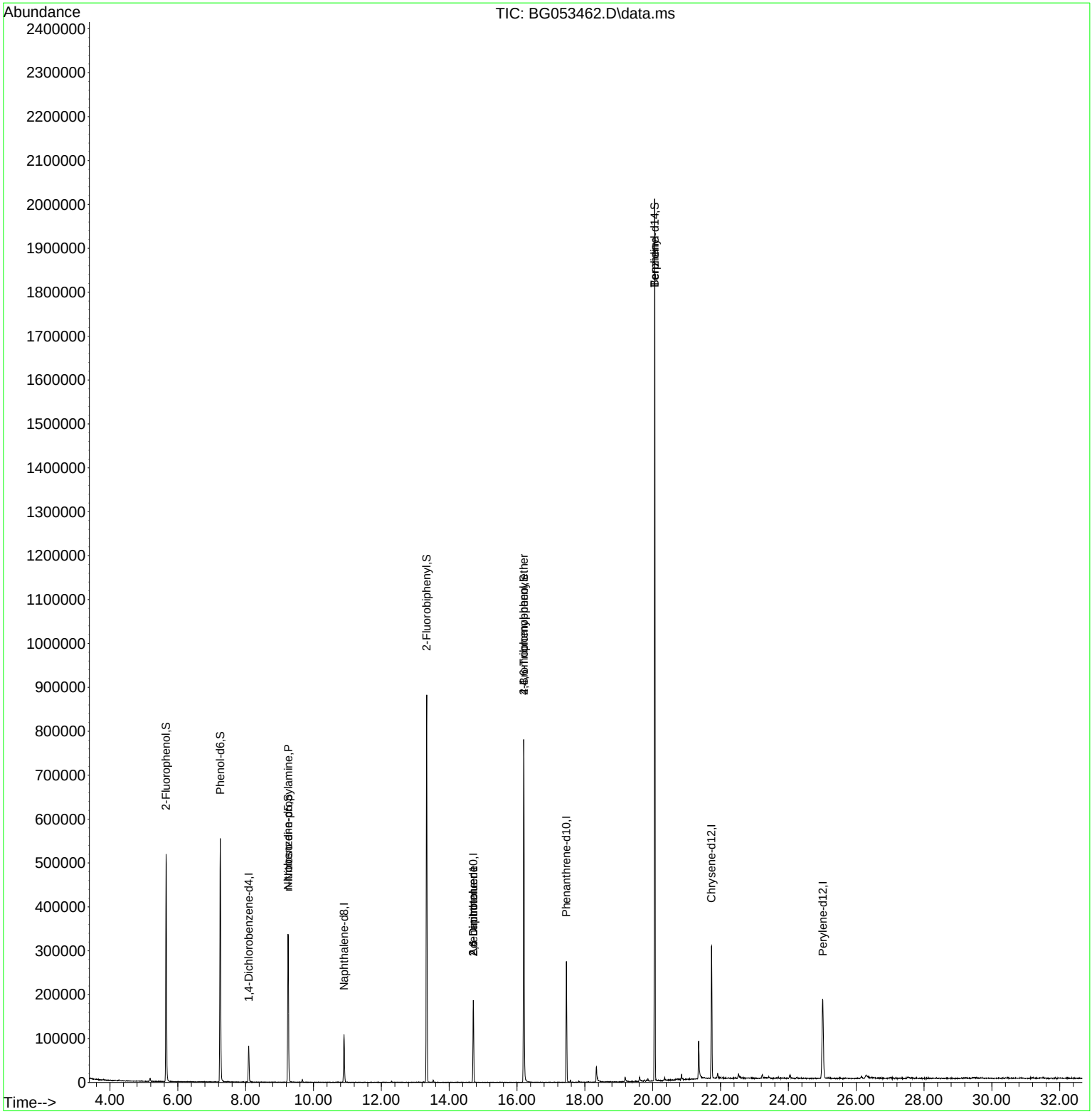
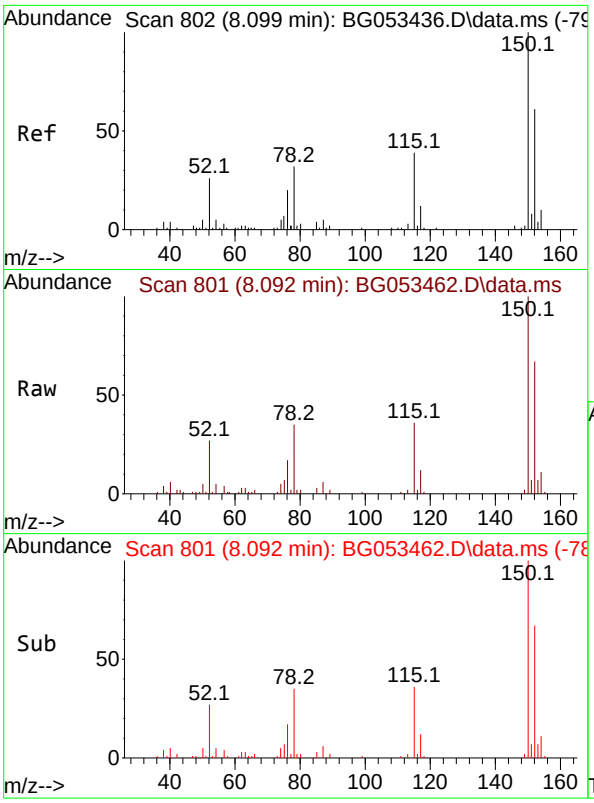


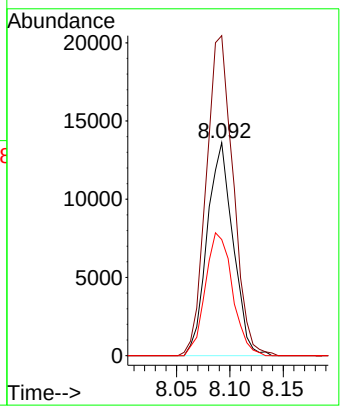


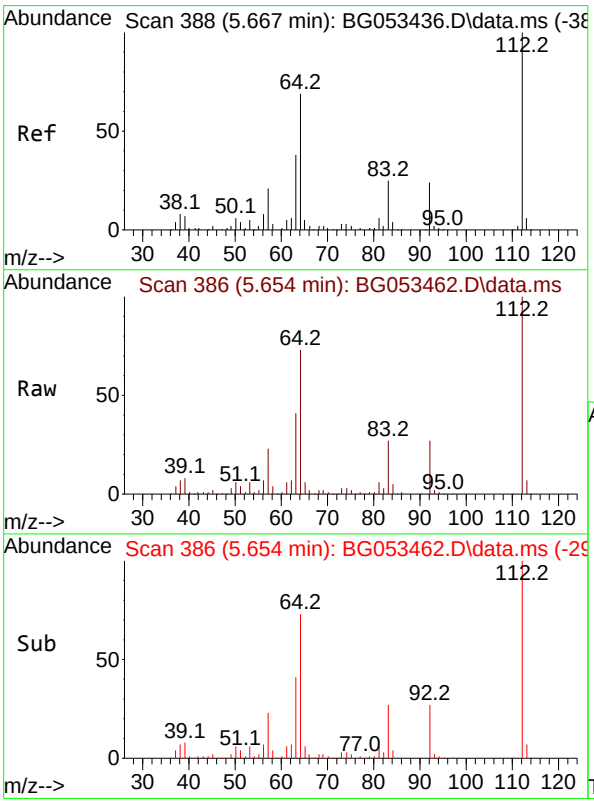
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 8(
Delta R.T. -0.007 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:152 Resp: 22951

Ion	Ratio	Lower	Upper
152	100		
150	150.2	131.6	197.4
115	54.5	50.9	76.3

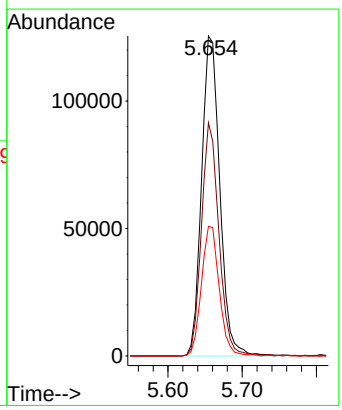


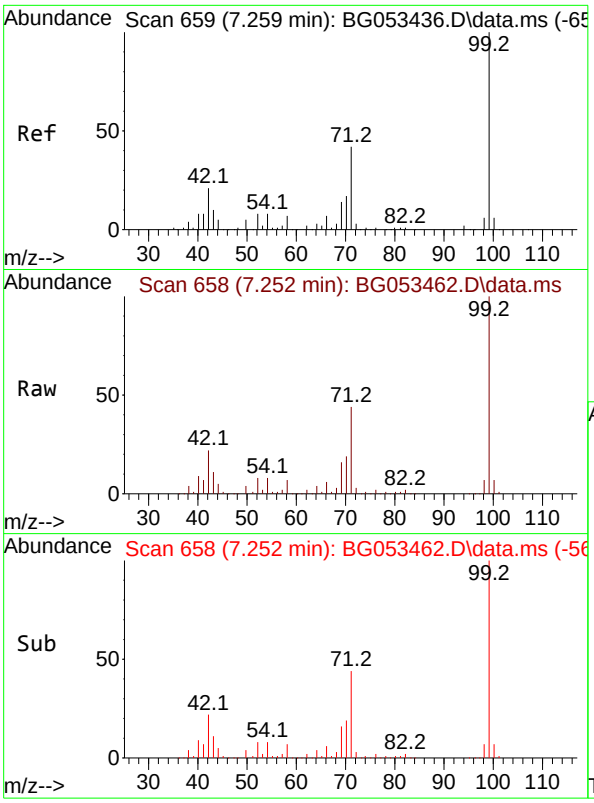


#5
2-Fluorophenol
Concen: 158.335 ng
RT: 5.654 min Scan# 386
Delta R.T. -0.013 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion:112 Resp: 214123

Ion	Ratio	Lower	Upper
112	100		
64	72.9	55.1	82.7
63	40.5	30.4	45.6



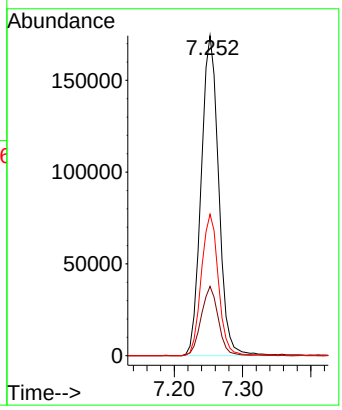


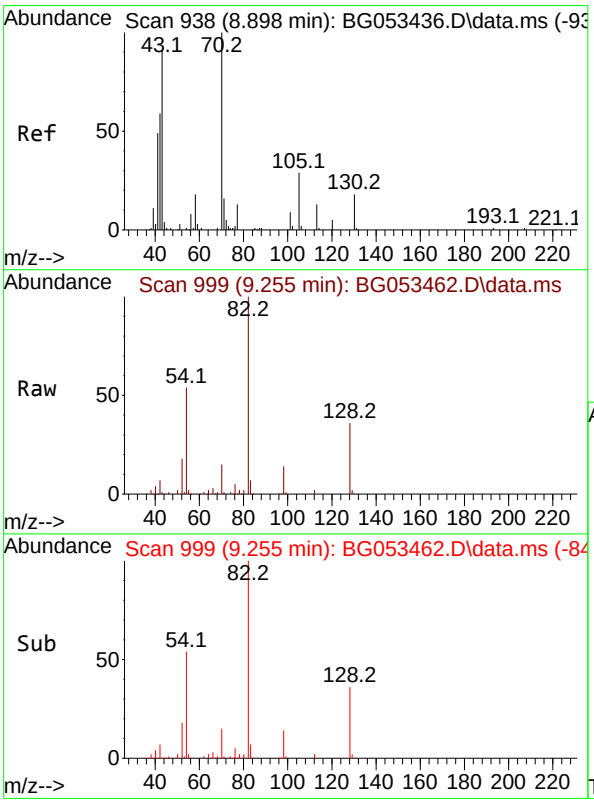
#7
Phenol-d6
Concen: 151.478 ng
RT: 7.252 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion: 99 Resp: 310891

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	44.2	33.8	50.8

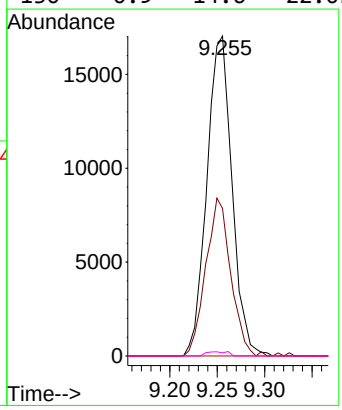


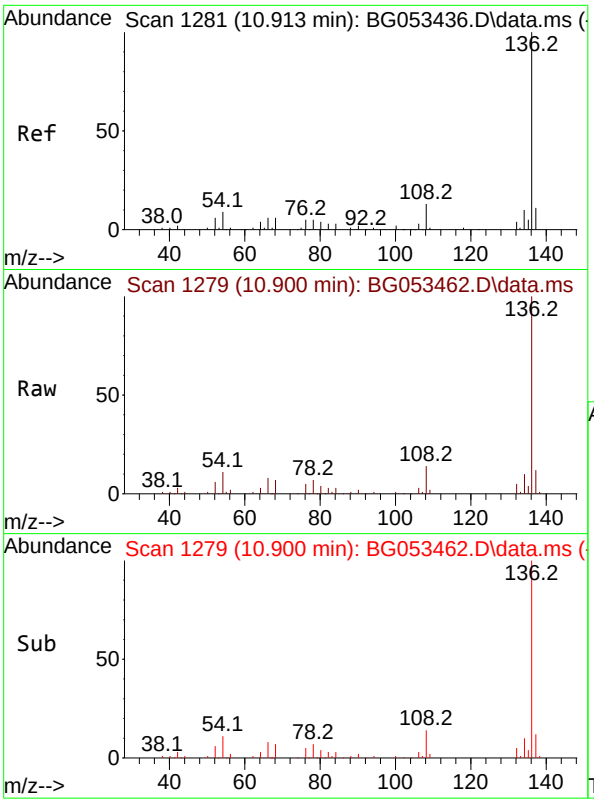


#19
n-Nitroso-di-n-propylamine
Concen: 21.348 ng
RT: 9.255 min Scan# 999
Delta R.T. 0.358 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion: 70 Resp: 31437

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.3	70.9#
101	0.0	7.0	10.4#
130	0.9	14.6	22.0#



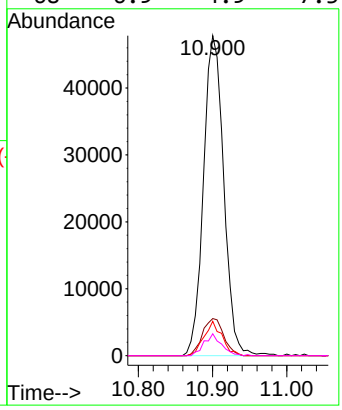


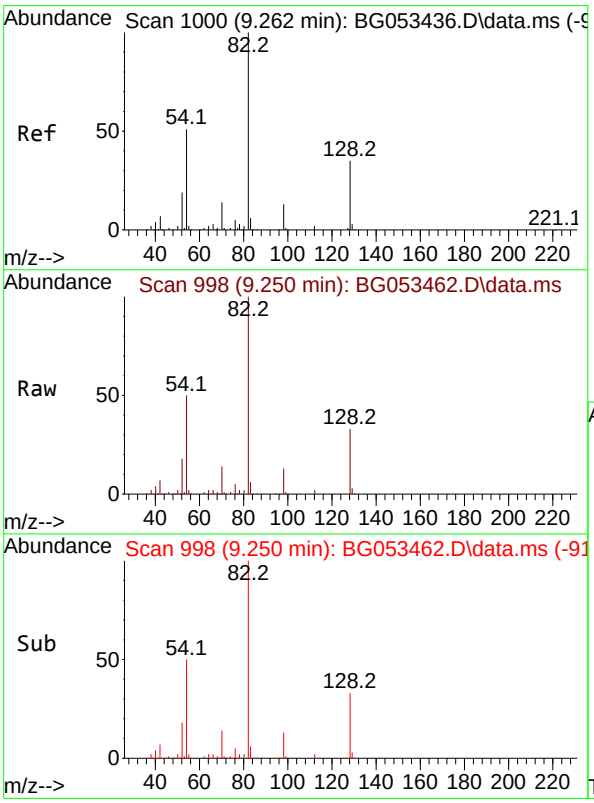
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:136 Resp: 91059

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	10.7	7.4	11.2
68	6.9	4.9	7.3

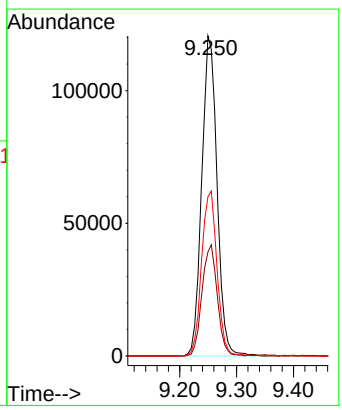


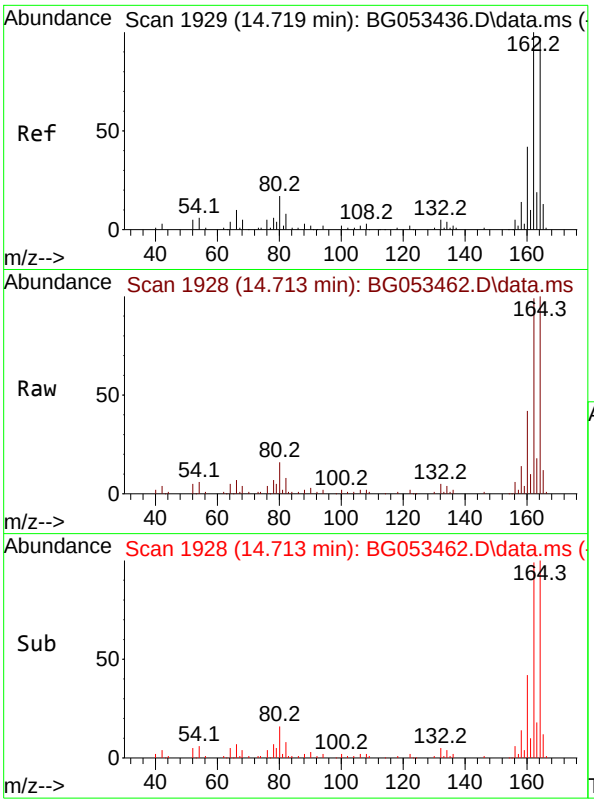


#23
Nitrobenzene-d5
Concen: 105.178 ng
RT: 9.250 min Scan# 998
Delta R.T. -0.012 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion: 82 Resp: 224989

Ion	Ratio	Lower	Upper
82	100		
128	32.5	27.9	41.9
54	49.8	41.2	61.8



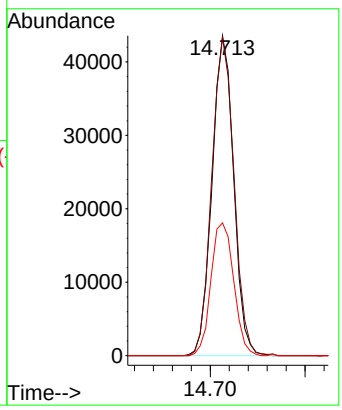


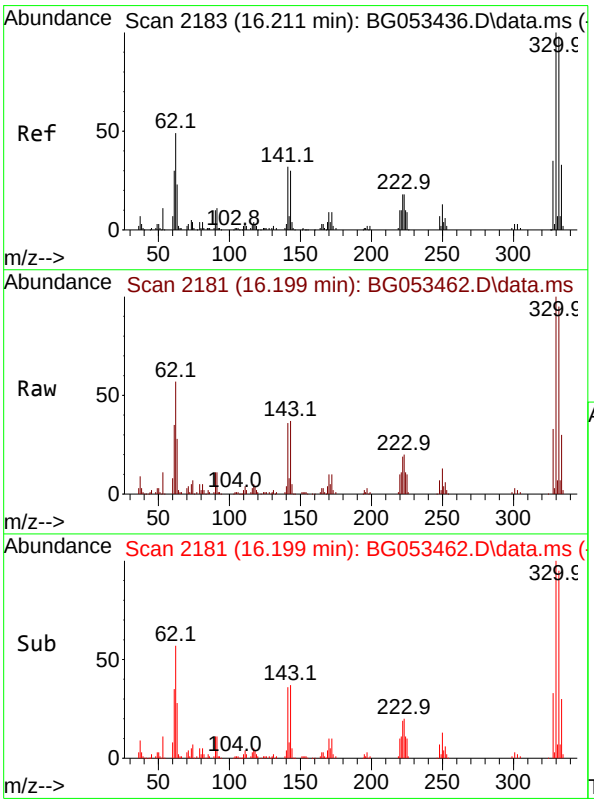
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:164 Resp: 68990

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.3	123.5
160	41.5	34.2	51.2

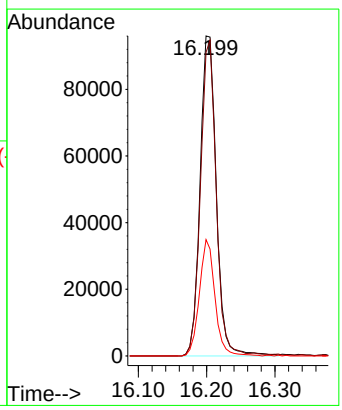


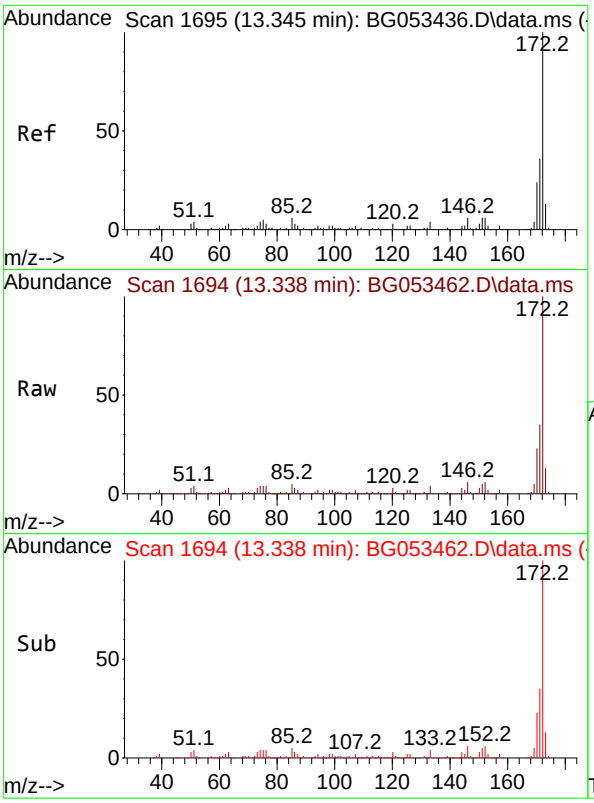


#42
2,4,6-Tribromophenol
Concen: 156.041 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion:330 Resp: 158775

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	34.9	27.1	40.7



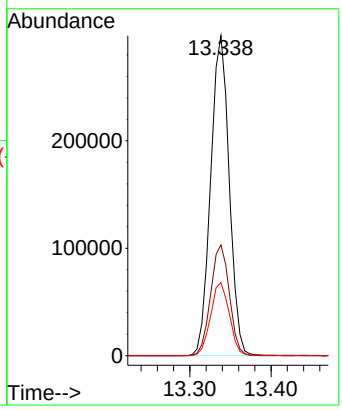


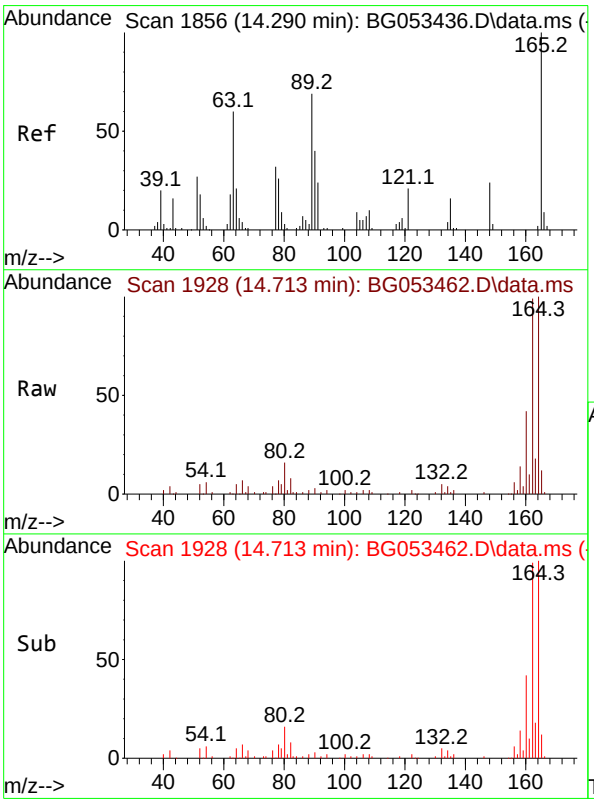
#45
2-Fluorobiphenyl
Concen: 99.883 ng
RT: 13.338 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:172 Resp: 471566

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.8	18.9	28.3

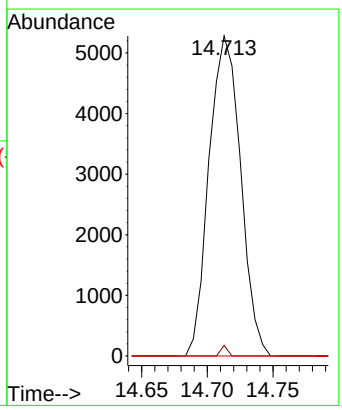


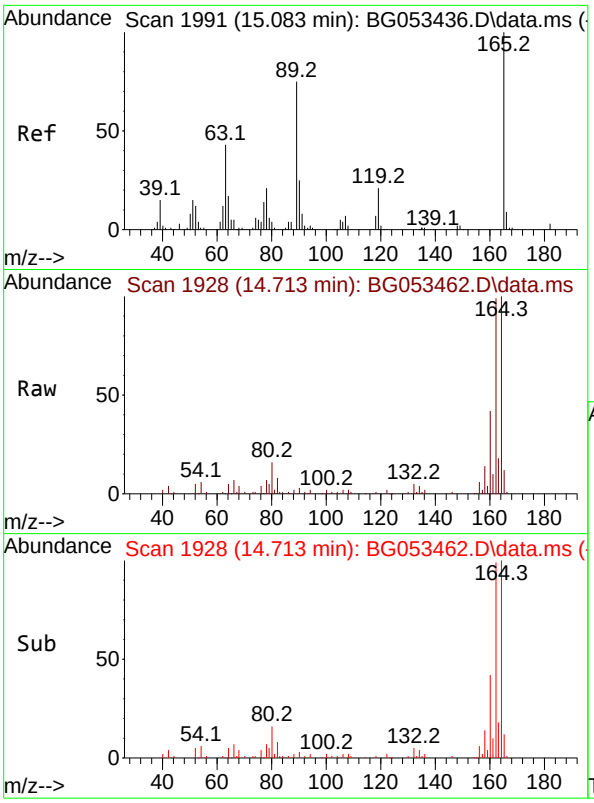


#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 14.713 min Scan# 1928
Delta R.T. 0.422 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion:165 Resp: 8838

Ion	Ratio	Lower	Upper
165	100		
63	3.3	54.1	81.1#
89	0.0	54.8	82.2#



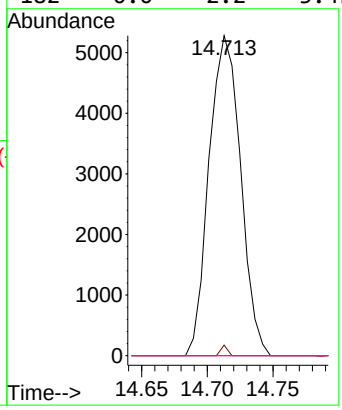


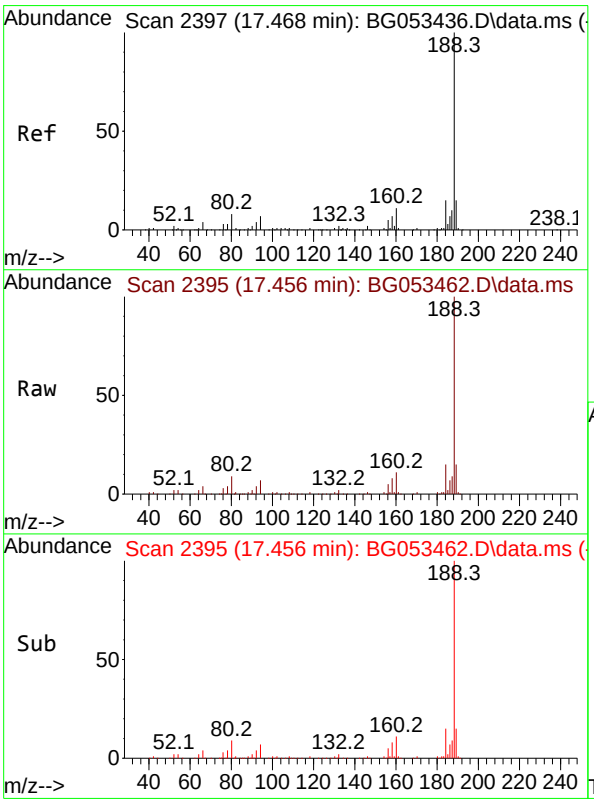
#57
2,4-Dinitrotoluene
Concen: 5.709 ng
RT: 14.713 min Scan# 1
Delta R.T. -0.371 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:165 Resp: 8838

Ion	Ratio	Lower	Upper
165	100		
63	3.3	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

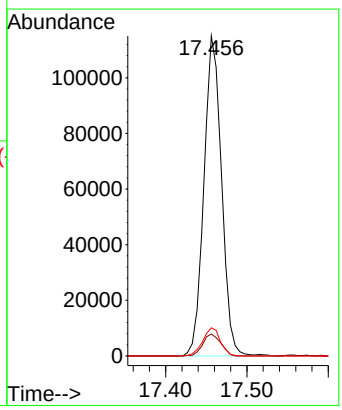


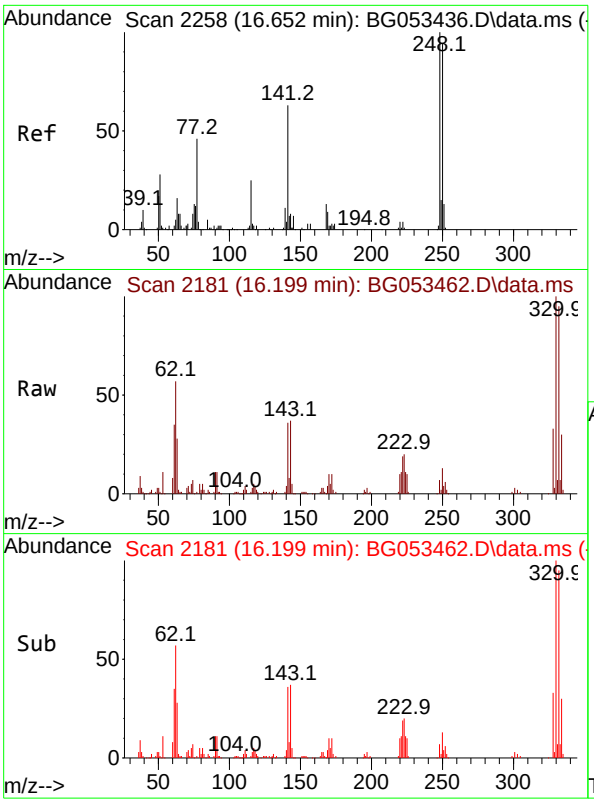


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion:188 Resp: 173110

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



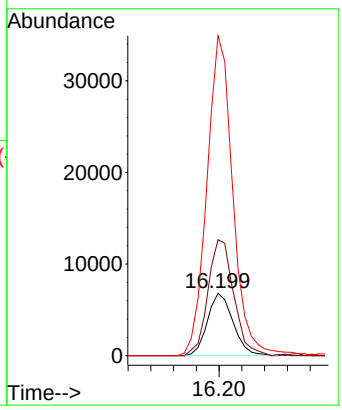


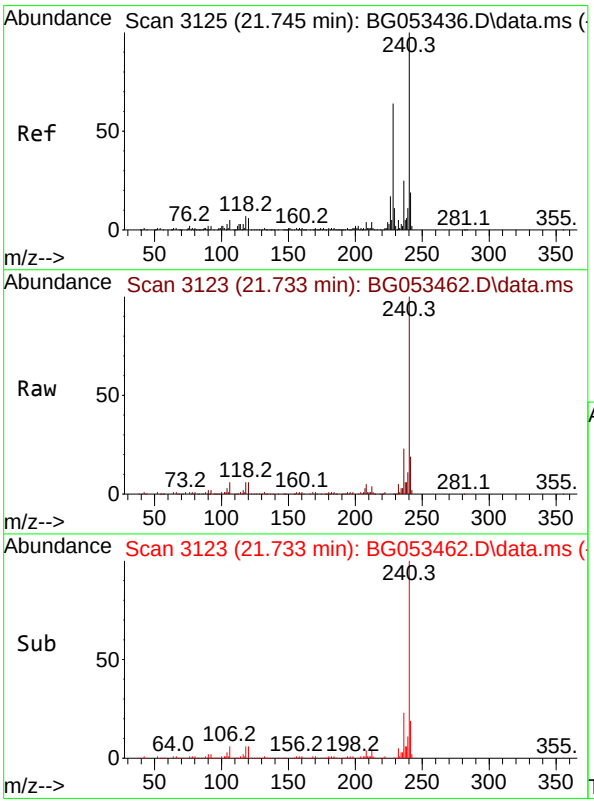
#67
4-Bromophenyl-phenylether
Concen: 5.273 ng
RT: 16.199 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:248 Resp: 10660

Ion	Ratio	Lower	Upper
248	100		
250	186.1	75.2	112.8#
141	512.9	50.0	75.0#

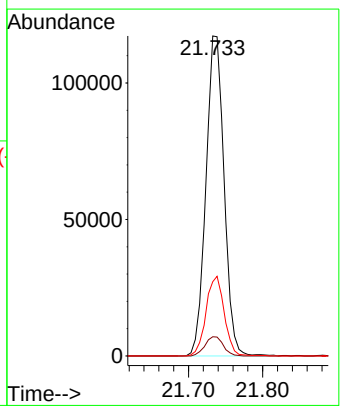


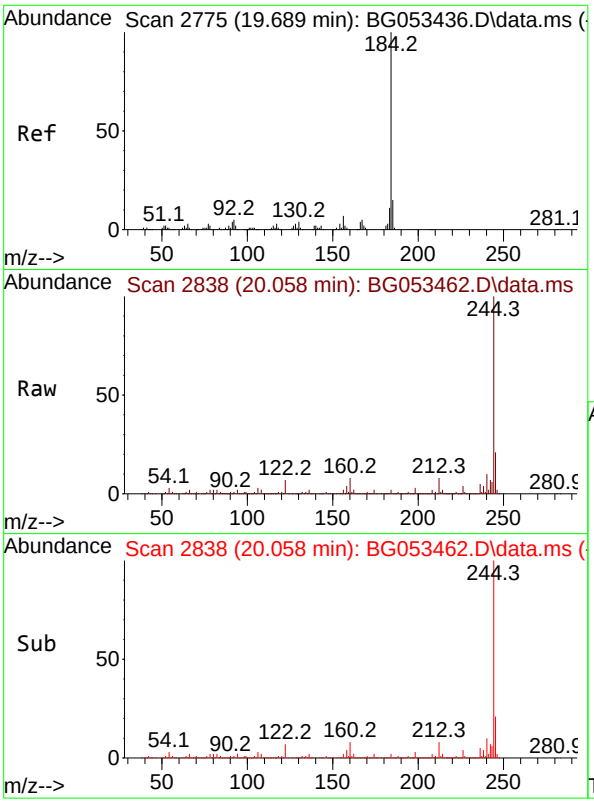


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion:240 Resp: 198937

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	7.0
236	23.2	20.2	30.4



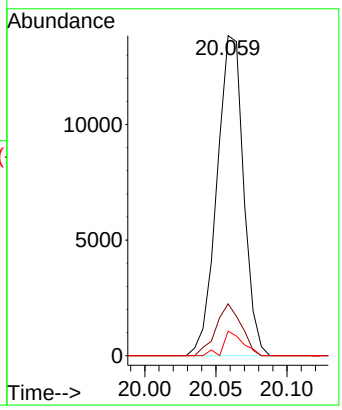


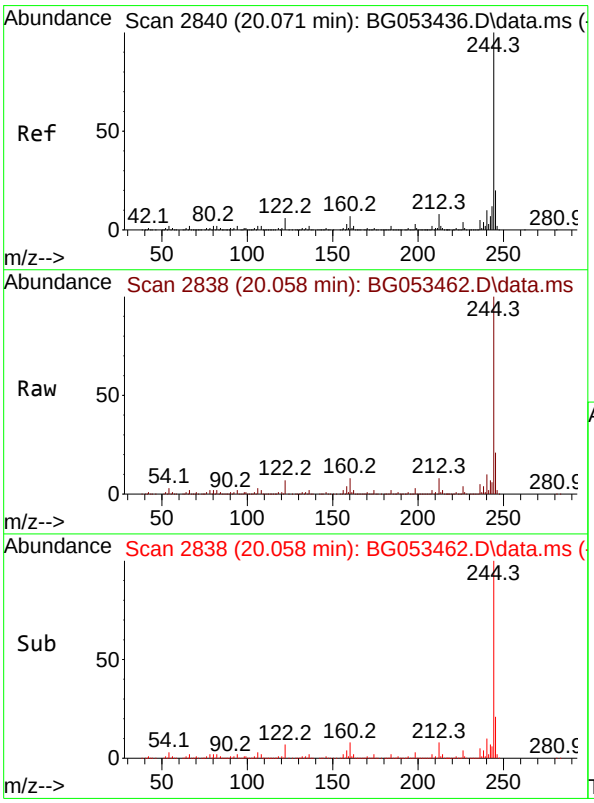
#77
Benzidine
Concen: 4.197 ng
RT: 20.058 min Scan# 2
Delta R.T. 0.370 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:184 Resp: 17996

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	7.6	8.9	13.3#

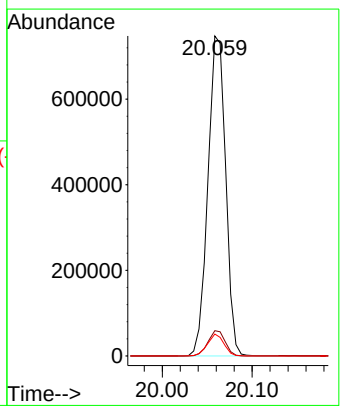


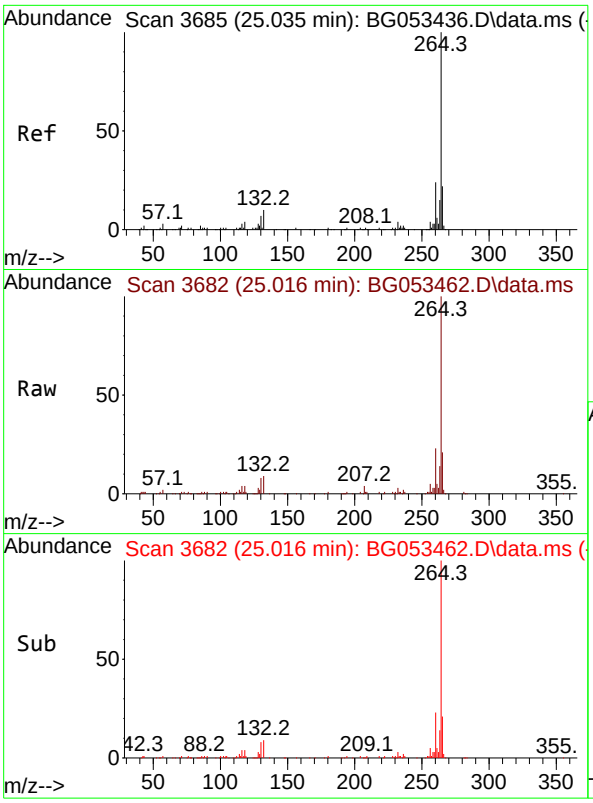


#79
Terphenyl-d14
Concen: 95.959 ng
RT: 20.058 min Scan# 2838
Delta R.T. -0.013 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Tgt Ion:244 Resp: 1024973

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	6.8	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG053462.D
Acq: 5 May 2022 22:30

Instrument :
BNA_G
ClientSampleId :
SB-3,13

Tgt Ion:264 Resp: 205685

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.6
265	21.1	17.4	26.2