Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
Data File : BG053570.D
Acq On : 16 May 2022 16:56
Operator : CG/JU
Sample : N2832-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB08

Quant Time: May 17 05:20:57 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	8.089	152	24646	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	99416	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	80228	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	209737	20.000	ng	0.00
76) Chrysene-d12	21.741	240	202030	20.000	ng	0.00
86) Perylene-d12	25.025	264	205946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	136798	94.200	ng	0.00
7) Phenol-d6	7.249	99	209358	94.992	ng	0.00
23) Nitrobenzene-d5	9.247	82	146200	62.601	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	122754	103.741	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	336653	61.318	ng	0.00
79) Terphenyl-d14	20.061	244	699382	64.474	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	20381	12.889	ng	# 80
51) 2,6-Dinitrotoluene	14.716	165	9915	7.983	ng	# 17
57) 2,4-Dinitrotoluene	14.716	165	9915	5.507	ng	# 23
67) 4-Bromophenyl-phenylether	16.202	248	7562	3.087	ng	# 1
77) Benzidine	20.061	184	11690	2.685	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
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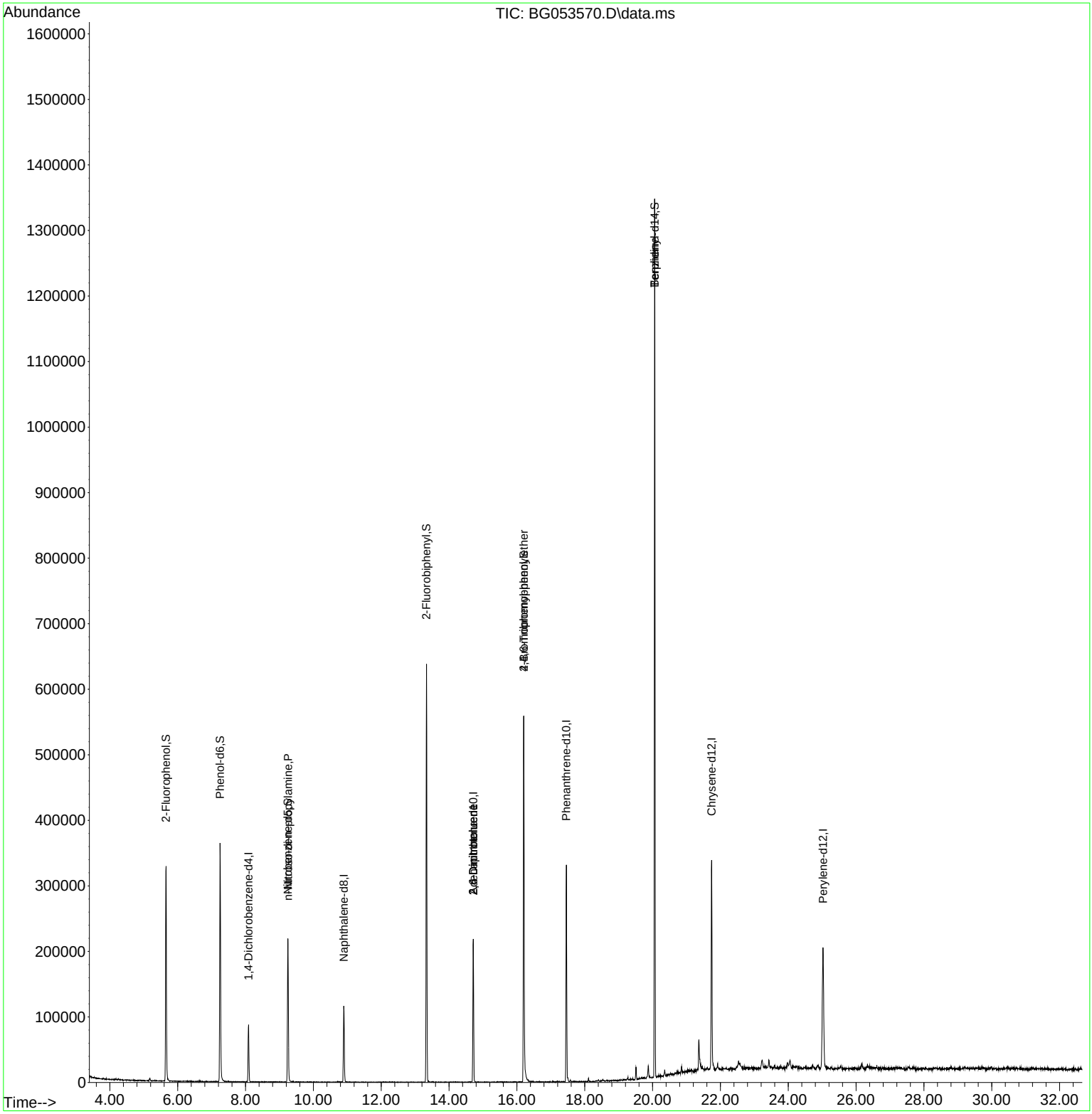
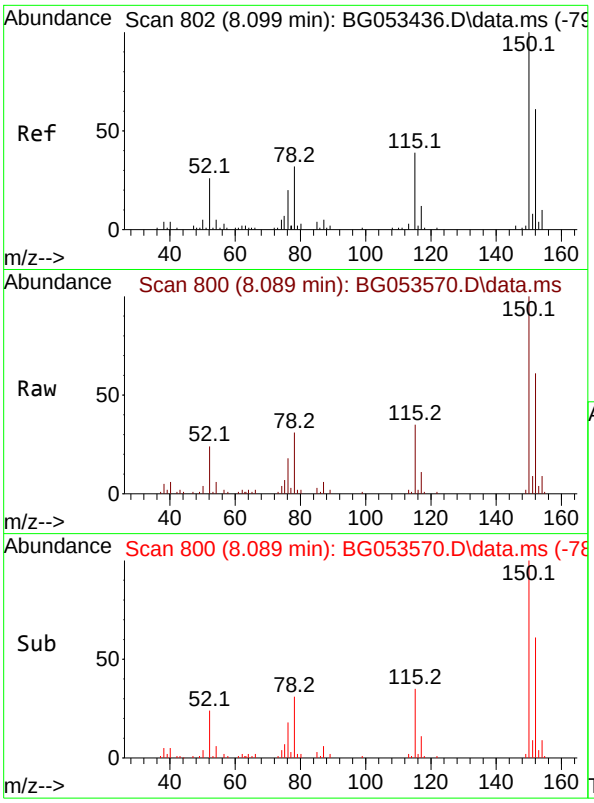


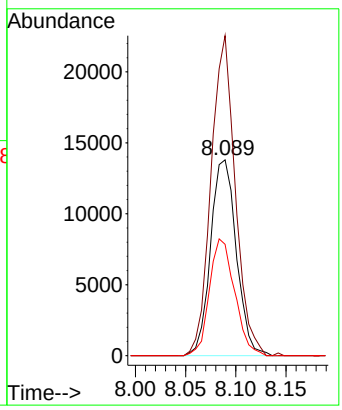


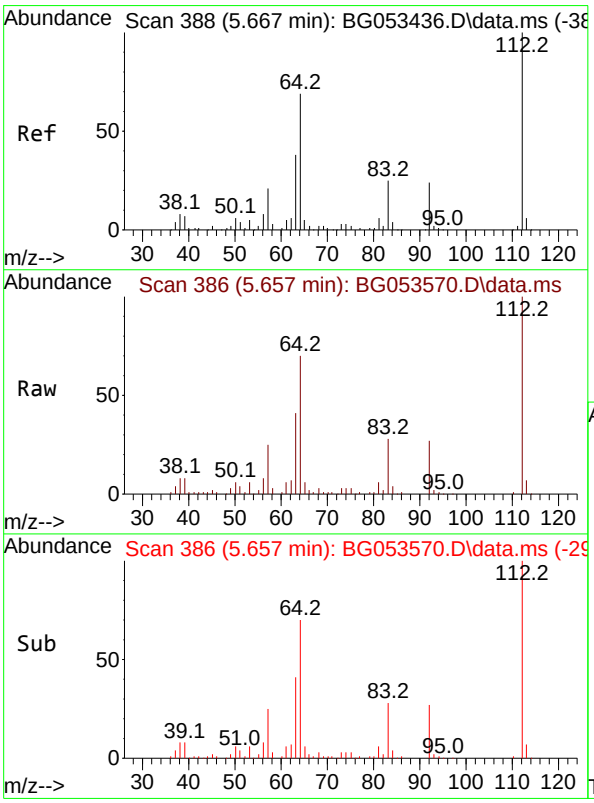
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:152 Resp: 24646

Ion	Ratio	Lower	Upper
152	100		
150	163.4	131.6	197.4
115	56.9	50.9	76.3

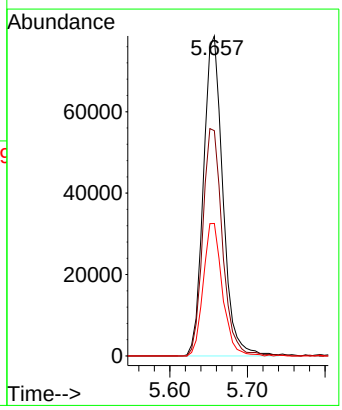


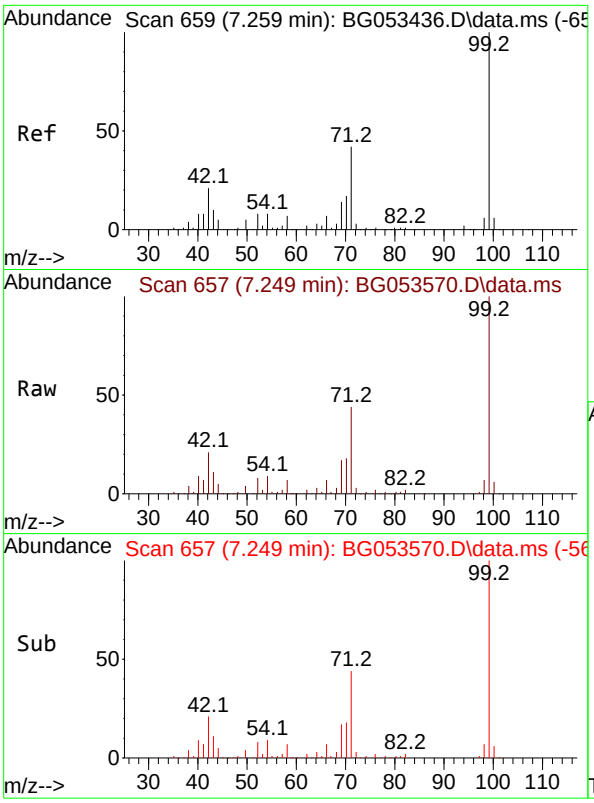


#5
2-Fluorophenol
Concen: 94.200 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion:112 Resp: 136798

Ion	Ratio	Lower	Upper
112	100		
64	70.4	55.1	82.7
63	41.4	30.4	45.6



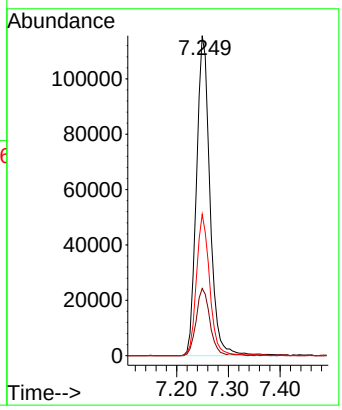


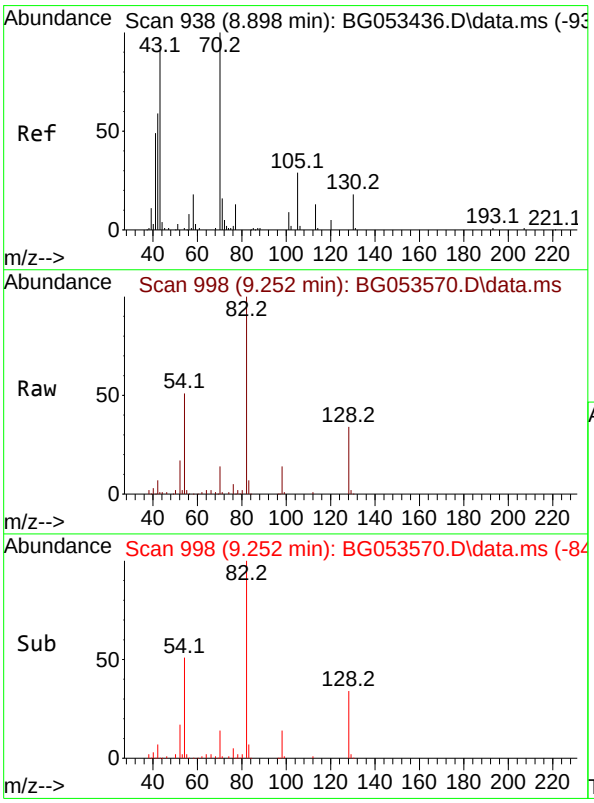
#7
Phenol-d6
Concen: 94.992 ng
RT: 7.249 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion: 99 Resp: 209358

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	44.2	33.8	50.8

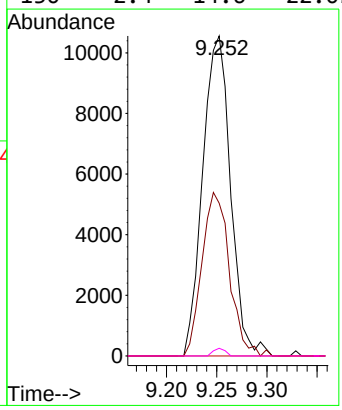


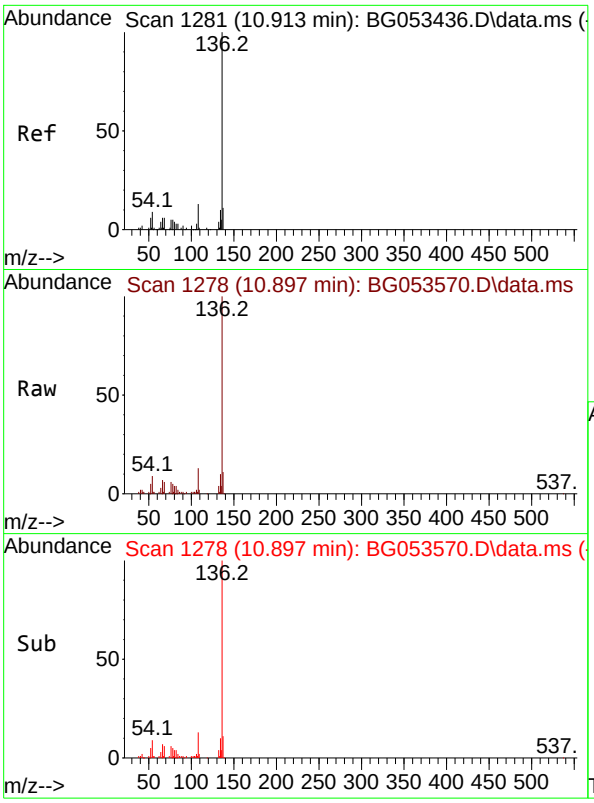


#19
n-Nitroso-di-n-propylamine
Concen: 12.889 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.364 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion: 70 Resp: 20381

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.3	70.9
101	0.0	7.0	10.4#
130	2.4	14.6	22.0#



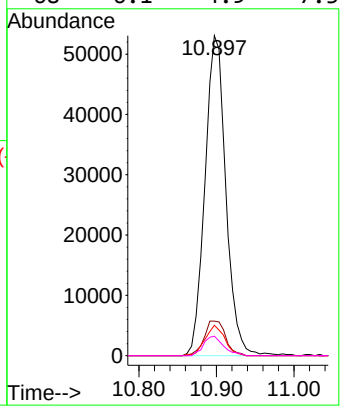


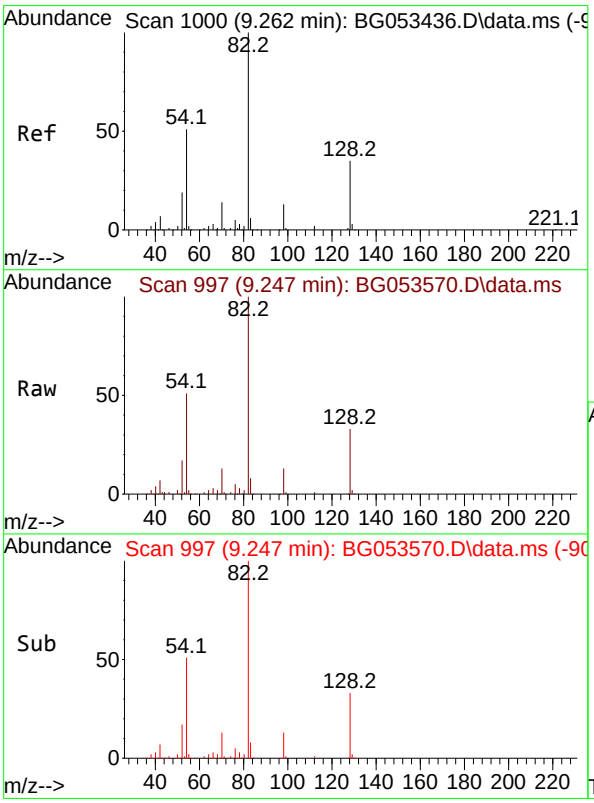
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:136 Resp: 99416

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.5	7.4	11.2
68	6.1	4.9	7.3

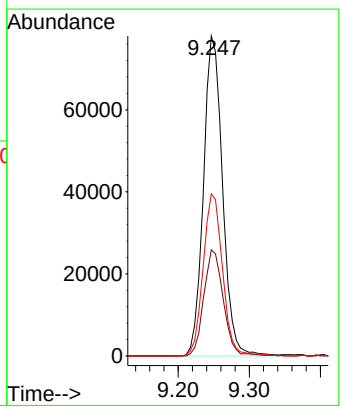


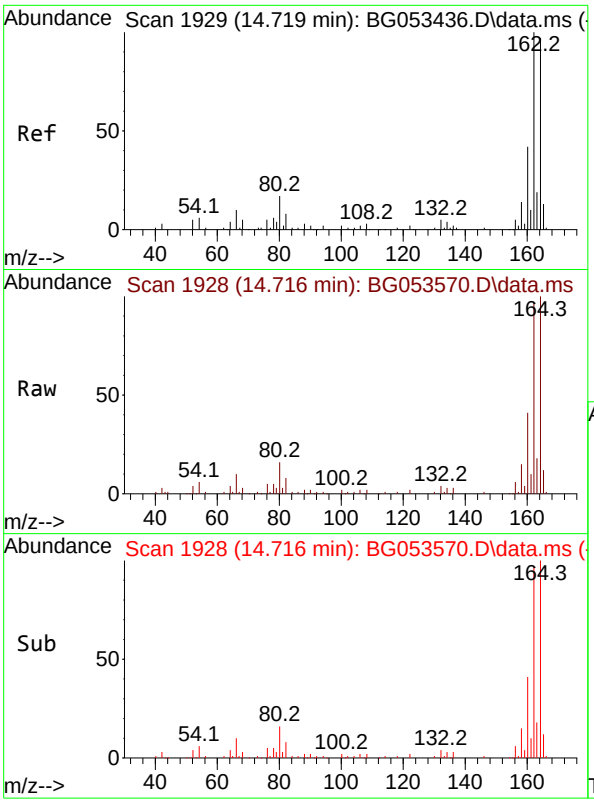


#23
Nitrobenzene-d5
Concen: 62.601 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion: 82 Resp: 146200

Ion	Ratio	Lower	Upper
82	100		
128	33.1	27.9	41.9
54	50.6	41.2	61.8



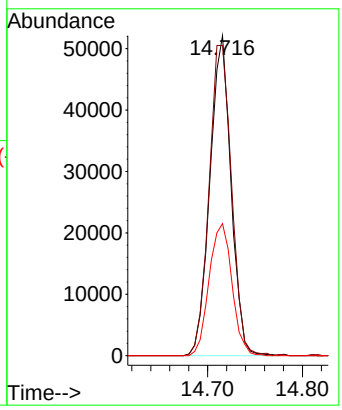


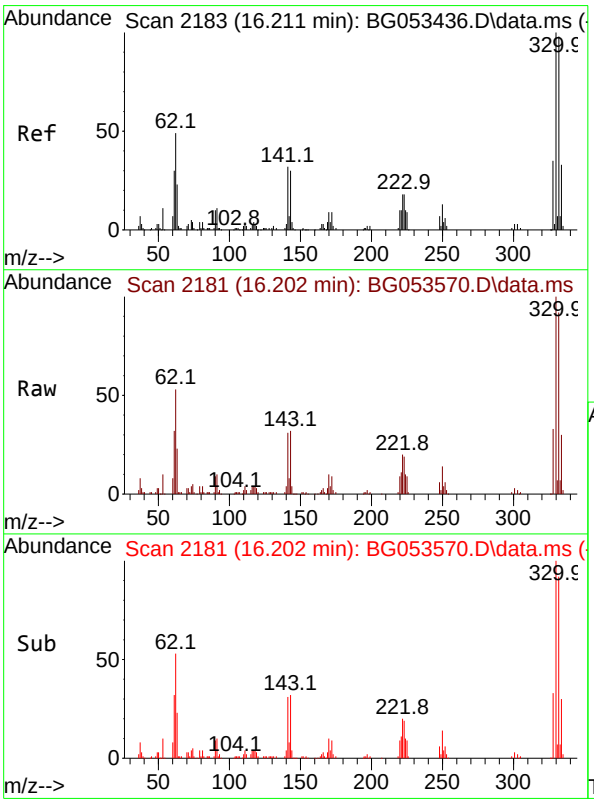
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:164 Resp: 80228

Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.3	123.5
160	41.3	34.2	51.2

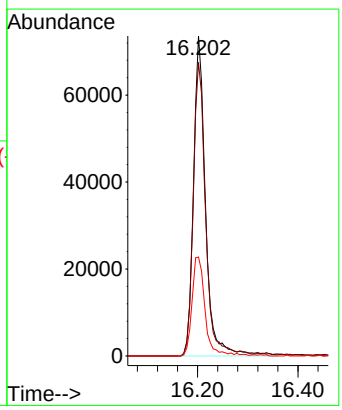


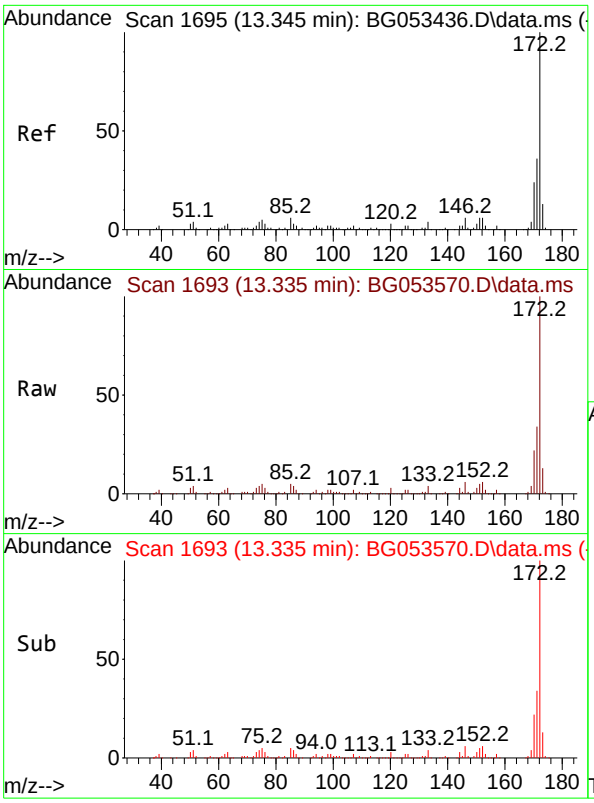


#42
2,4,6-Tribromophenol
Concen: 103.741 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion:330 Resp: 122754

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.0	114.0
141	33.4	27.1	40.7



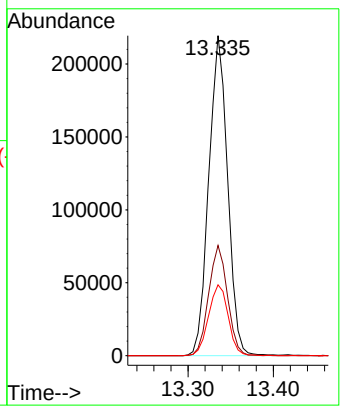


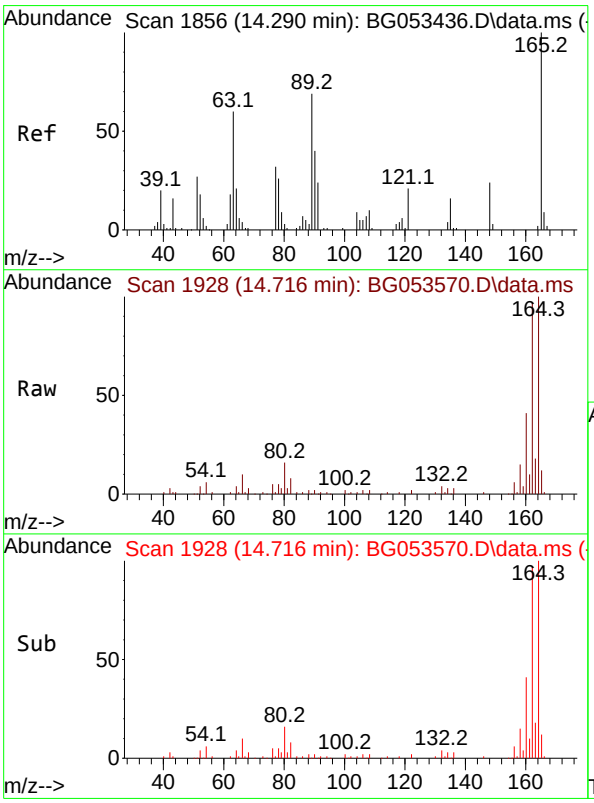
#45
2-Fluorobiphenyl
Concen: 61.318 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:172 Resp: 336653

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.1	18.9	28.3

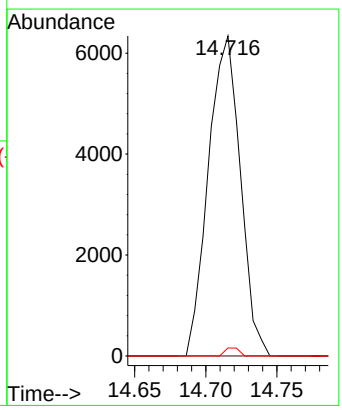


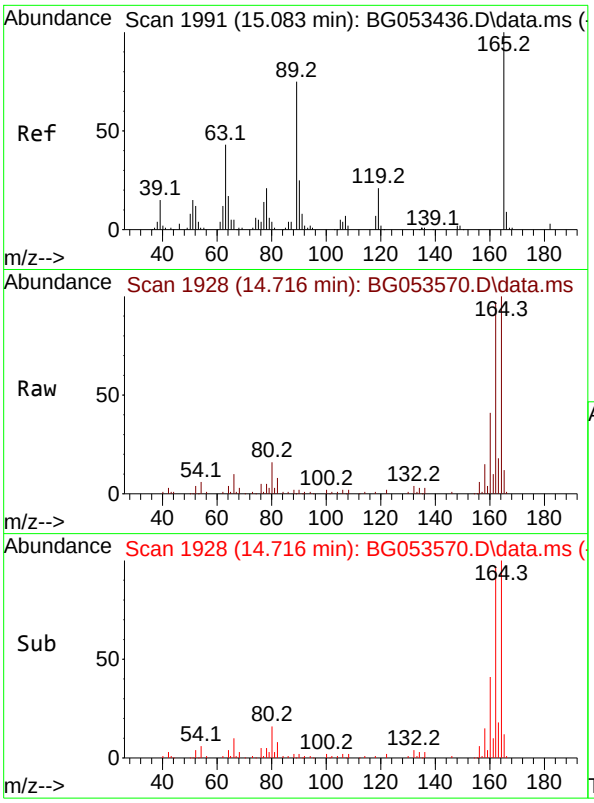


#51
2,6-Dinitrotoluene
Concen: 7.983 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.435 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion:165 Resp: 9915

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	2.5	54.8	82.2#



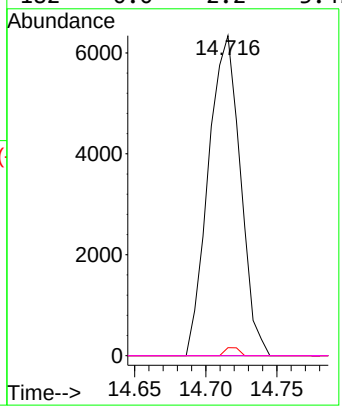


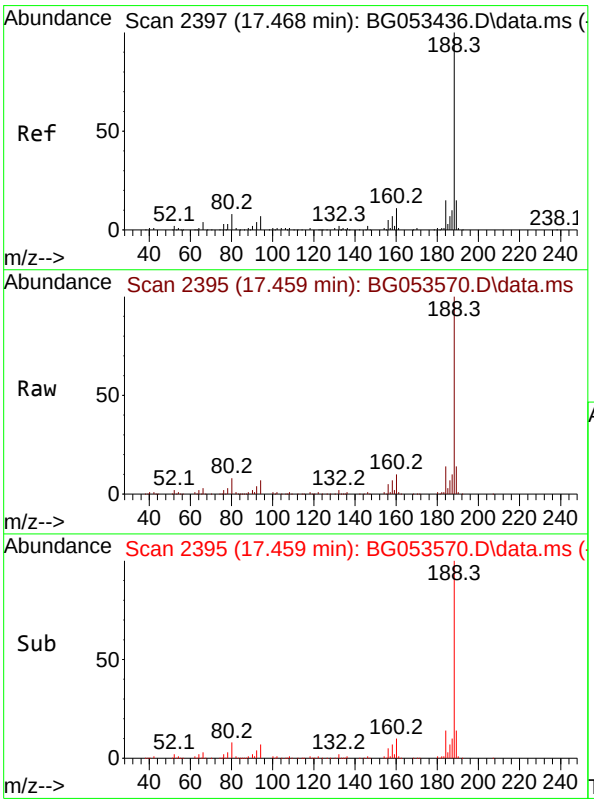
#57
2,4-Dinitrotoluene
Concen: 5.507 ng
RT: 14.716 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:165 Resp: 9915

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	2.5	60.3	90.5#
182	0.0	2.2	3.4#

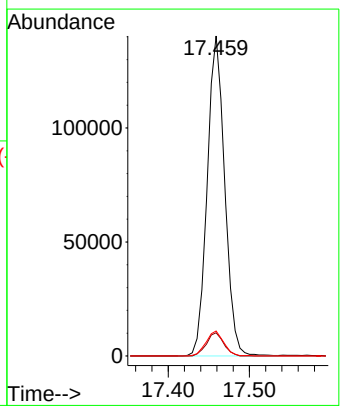


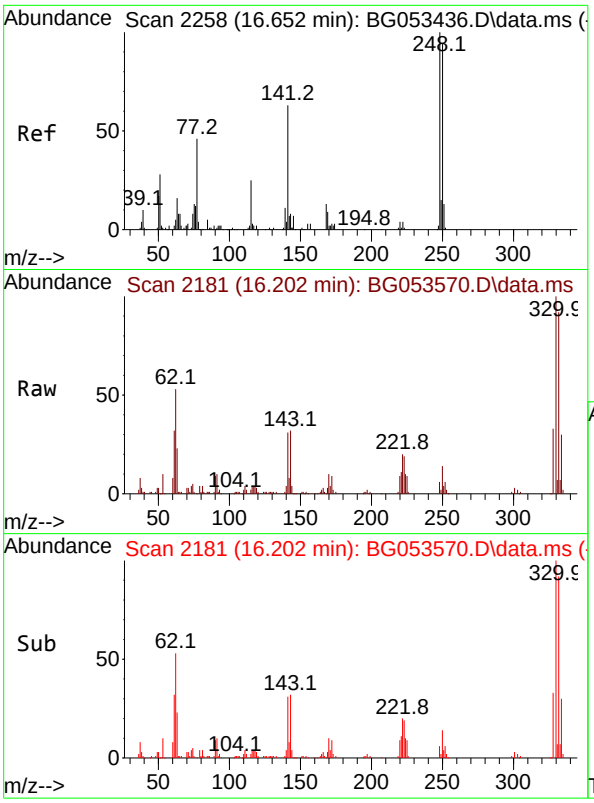


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion:188 Resp: 209737

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.4	8.0
80	7.8	6.8	10.2



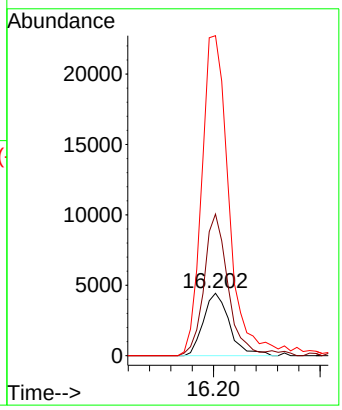


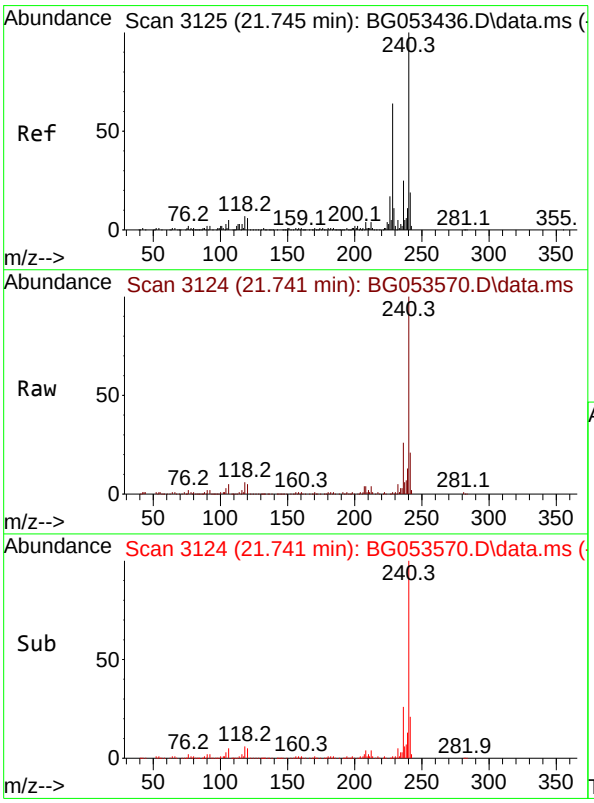
#67
4-Bromophenyl-phenylether
Concen: 3.087 ng
RT: 16.202 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:248 Resp: 7562

Ion	Ratio	Lower	Upper
248	100		
250	226.7	75.2	112.8#
141	512.4	50.0	75.0#

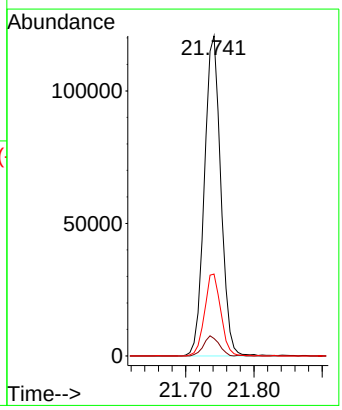


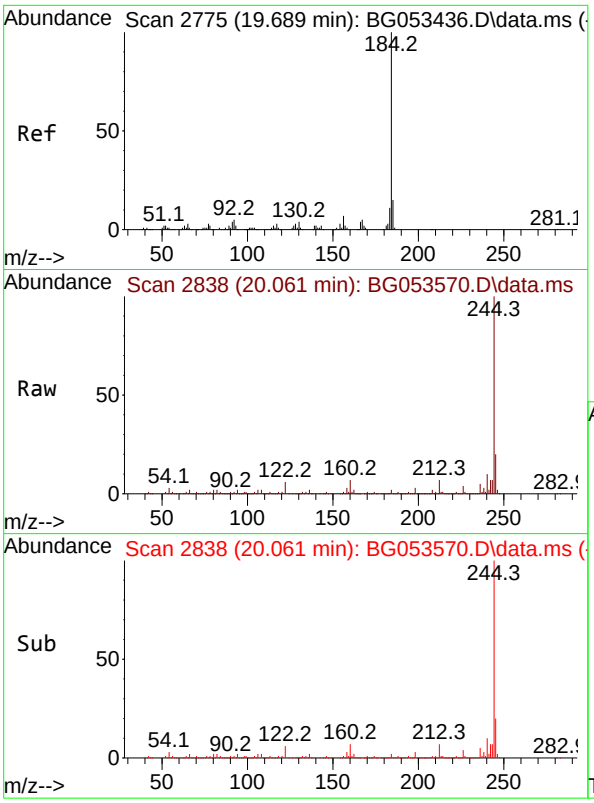


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.741 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion:240 Resp: 202030

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	7.0
236	25.6	20.2	30.4



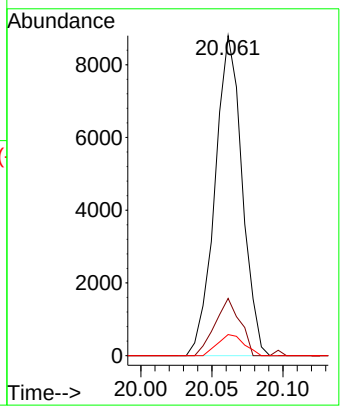


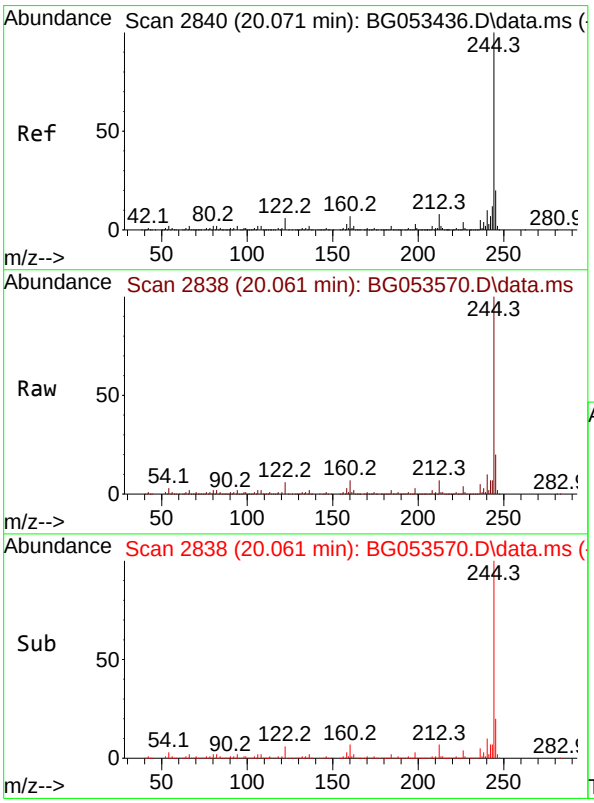
#77
Benzidine
Concen: 2.685 ng
RT: 20.061 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:184 Resp: 11690

Ion	Ratio	Lower	Upper
184	100		
185	17.9	11.8	17.6#
183	6.6	8.9	13.3#

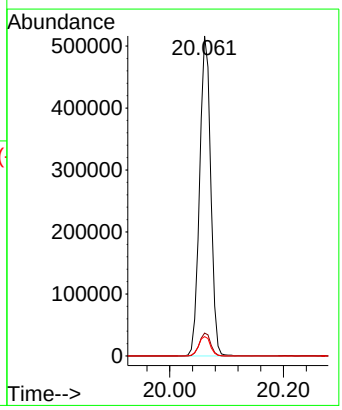


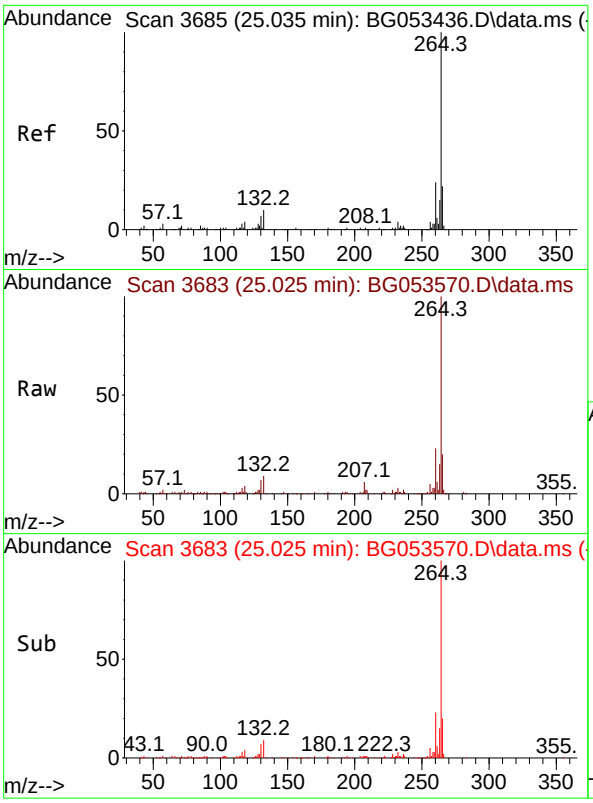


#79
Terphenyl-d14
Concen: 64.474 ng
RT: 20.061 min Scan# 2838
Delta R.T. -0.000 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Tgt Ion:244 Resp: 699382

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	6.1	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.025 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG053570.D
Acq: 16 May 2022 16:56

Instrument :
BNA_G
ClientSampleId :
SB08

Tgt Ion:264 Resp: 205946

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	20.2	17.4	26.2