Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053627.D
Acq On : 19 May 2022 15:36
Operator : CG/JU
Sample : N2865-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Quant Time: May 20 03:57:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	24596	20.000	ng	0.00
21) Naphthalene-d8	10.883	136	99976	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	78723	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	197616	20.000	ng	0.00
76) Chrysene-d12	21.727	240	181496	20.000	ng	0.00
86) Perylene-d12	24.999	264	187535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	173286	119.568	ng	0.00
7) Phenol-d6	7.241	99	263927	119.995	ng	0.00
23) Nitrobenzene-d5	9.238	82	185255	78.879	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	148131	127.581	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	374532	69.522	ng	0.00
79) Terphenyl-d14	20.053	244	683892	70.179	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.238	70	26699	16.918	ng	# 83
51) 2,6-Dinitrotoluene	14.701	165	10235	8.398	ng	# 18
57) 2,4-Dinitrotoluene	14.701	165	10235	5.794	ng	# 23
67) 4-Bromophenyl-phenylether	16.193	248	10063	4.360	ng	# 1
77) Benzidine	20.053	184	12067	3.085	ng	95

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

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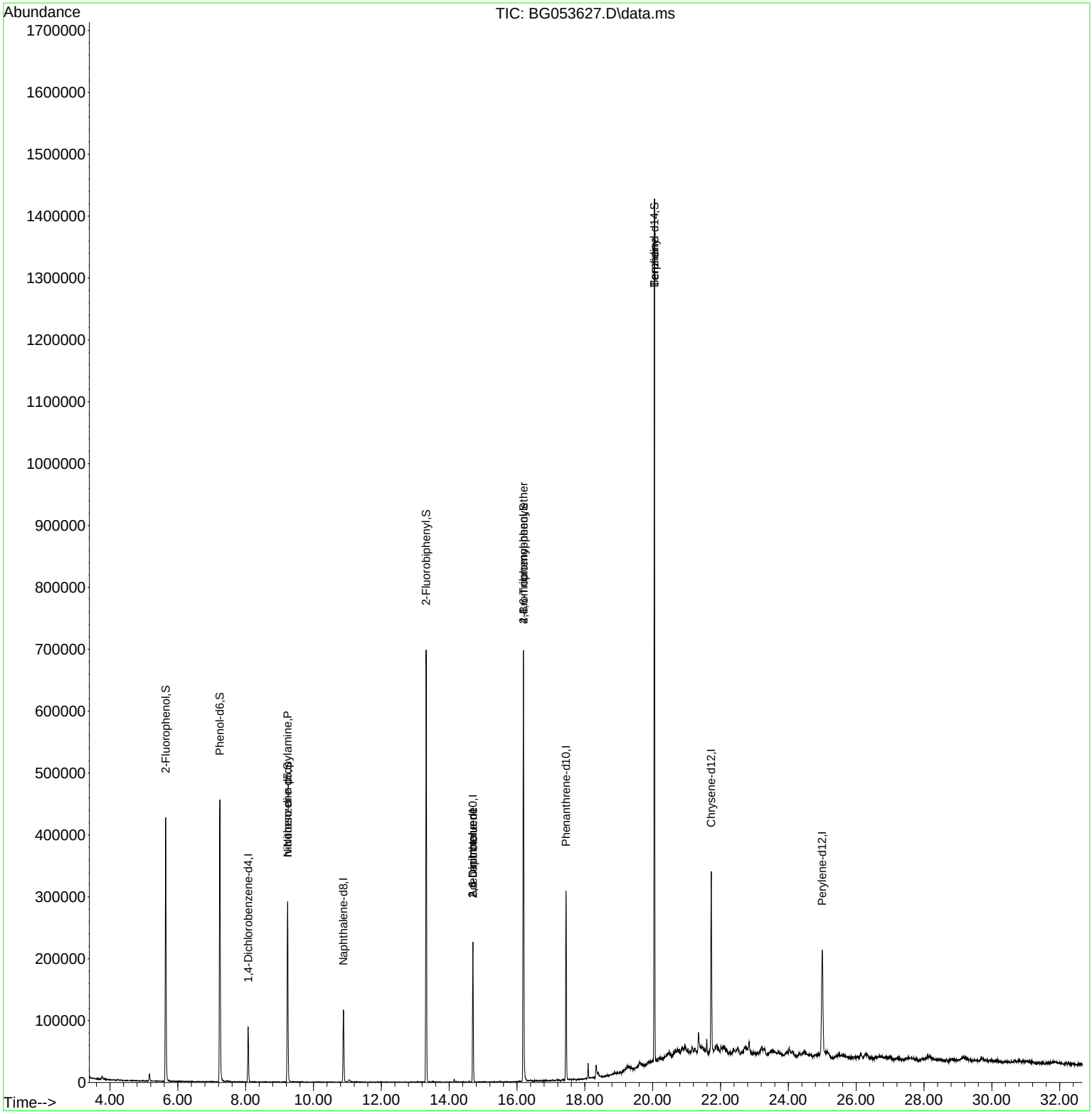
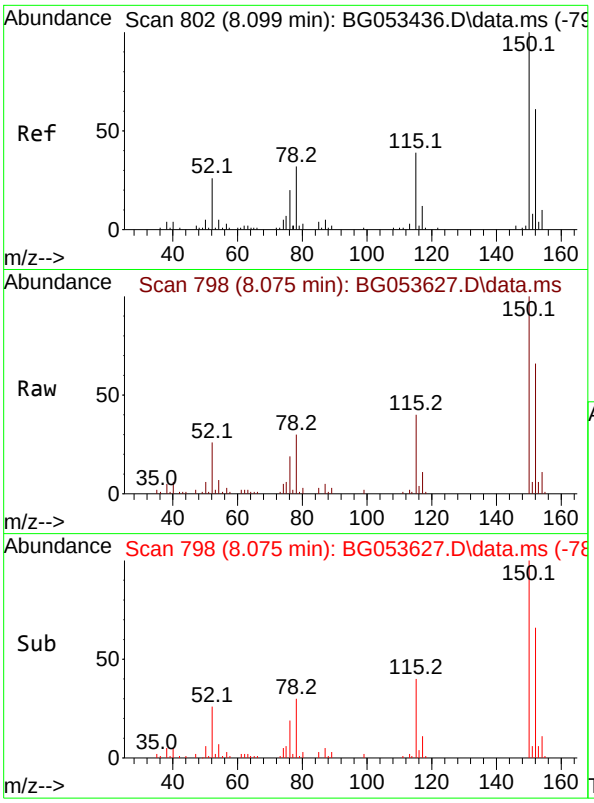


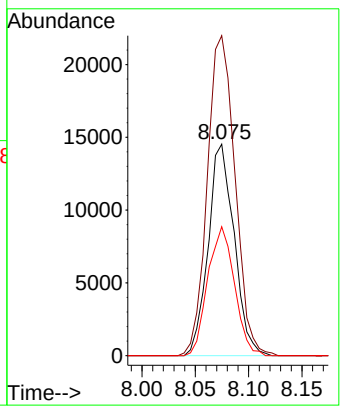


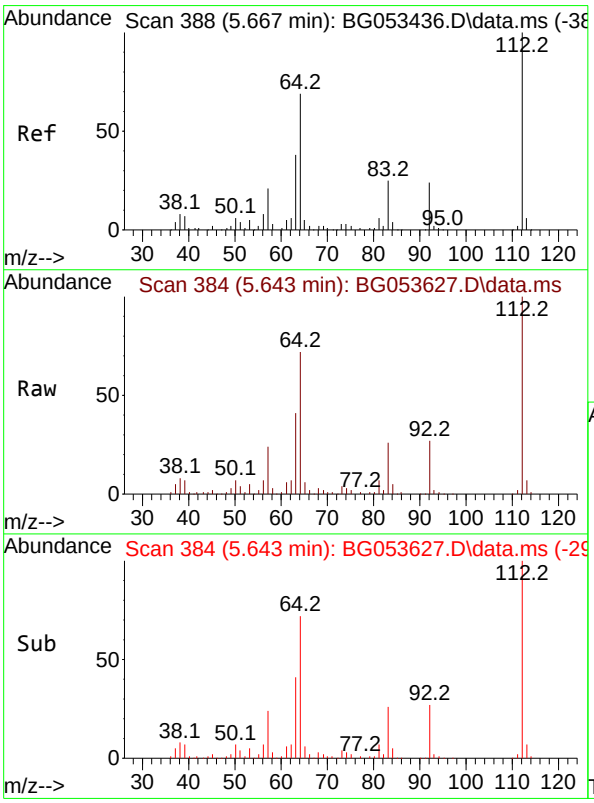
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:152 Resp: 24596

Ion	Ratio	Lower	Upper
152	100		
150	151.2	131.6	197.4
115	60.9	50.9	76.3

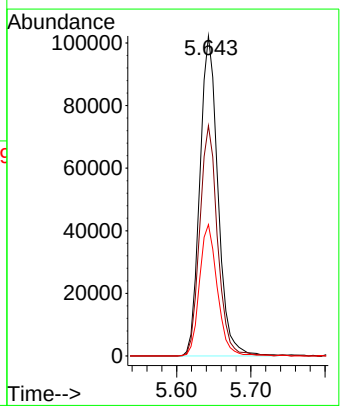


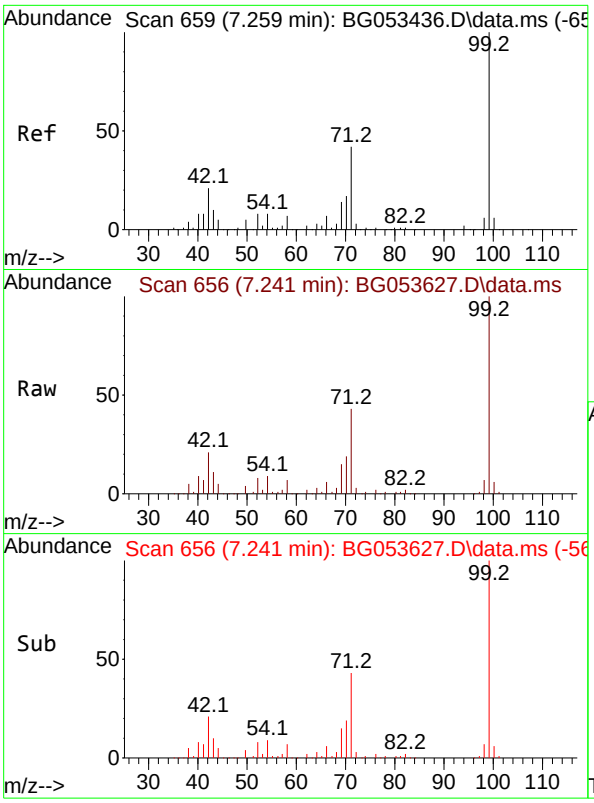


#5
2-Fluorophenol
Concen: 119.568 ng
RT: 5.643 min Scan# 384
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion:112 Resp: 173286

Ion	Ratio	Lower	Upper
112	100		
64	72.0	55.1	82.7
63	41.1	30.4	45.6



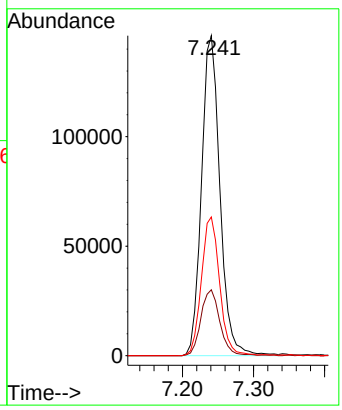


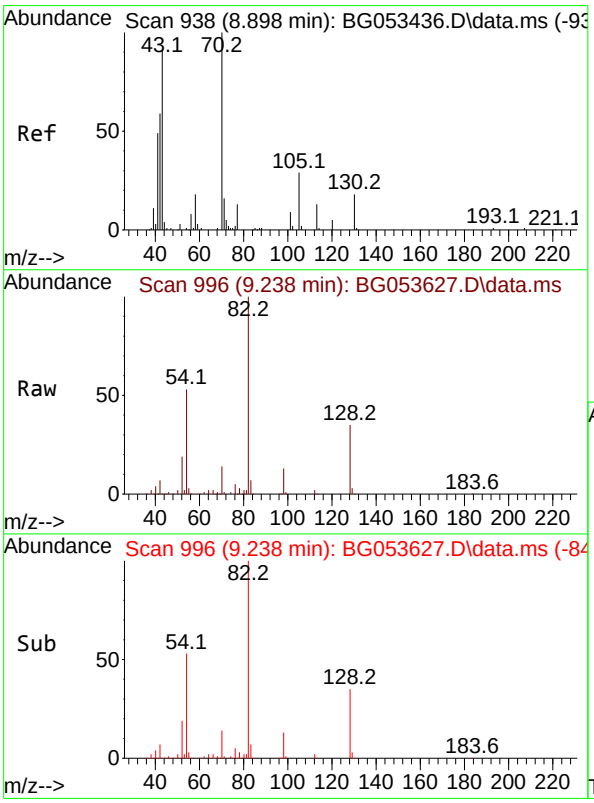
#7
Phenol-d6
Concen: 119.995 ng
RT: 7.241 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion: 99 Resp: 263927

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.0	25.6
71	43.4	33.8	50.8

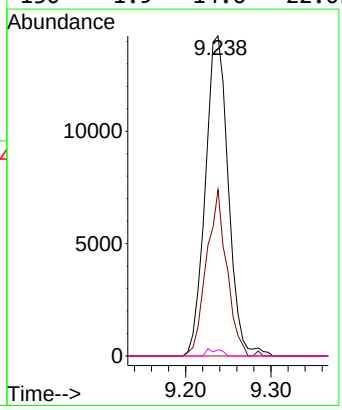


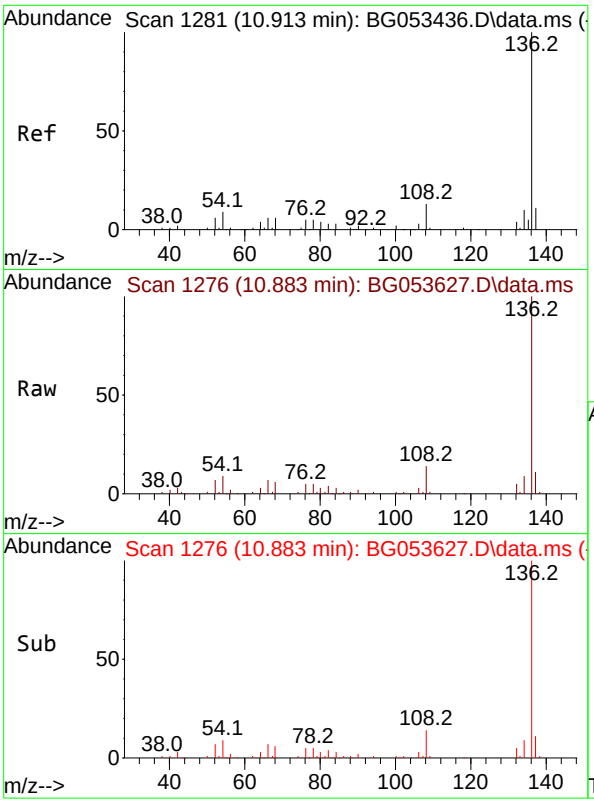


#19
n-Nitroso-di-n-propylamine
Concen: 16.918 ng
RT: 9.238 min Scan# 996
Delta R.T. 0.358 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion: 70 Resp: 26699

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.3	70.9
101	0.0	7.0	10.4#
130	1.9	14.6	22.0#



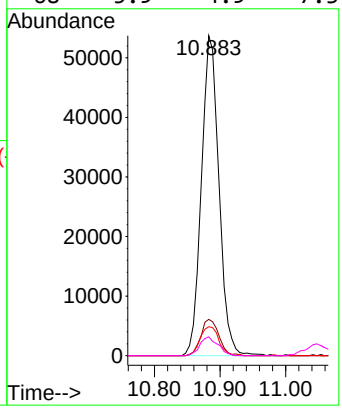


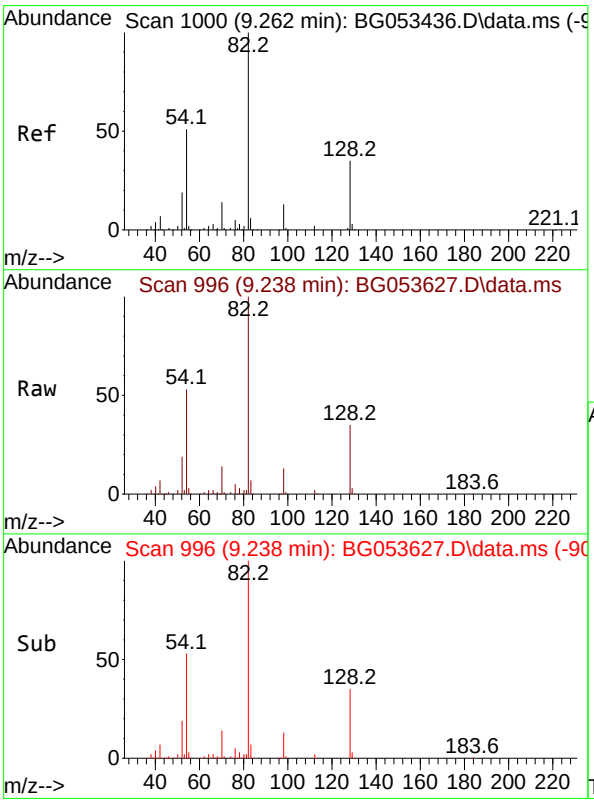
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.883 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:136 Resp: 99976

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.0	7.4	11.2
68	5.9	4.9	7.3

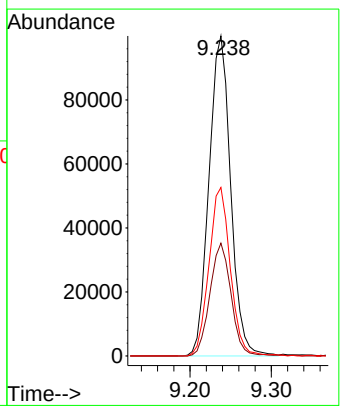


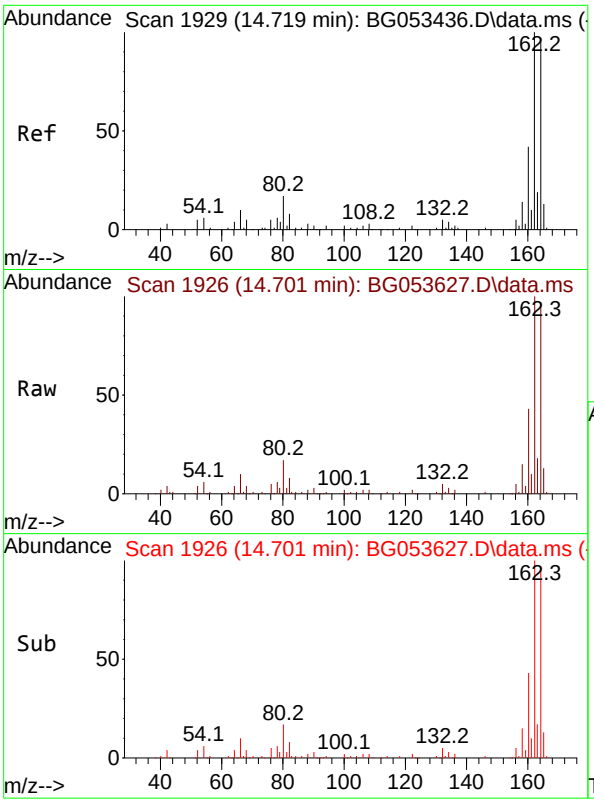


#23
Nitrobenzene-d5
Concen: 78.879 ng
RT: 9.238 min Scan# 996
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion: 82 Resp: 185255

Ion	Ratio	Lower	Upper
82	100		
128	35.2	27.9	41.9
54	52.6	41.2	61.8



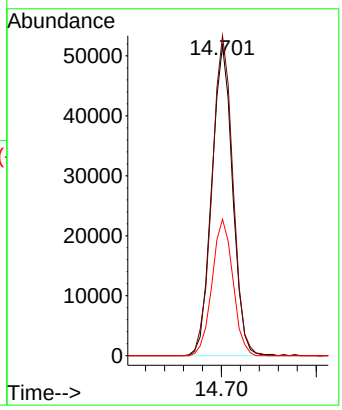


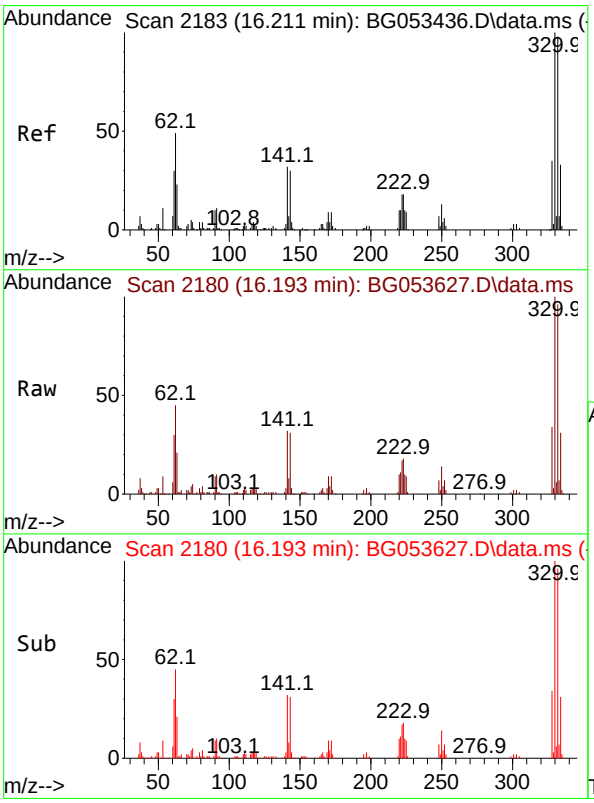
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:164 Resp: 78723

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.3	123.5
160	44.0	34.2	51.2

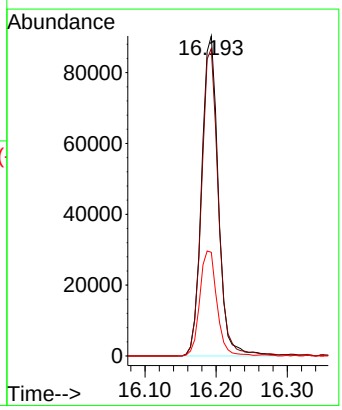


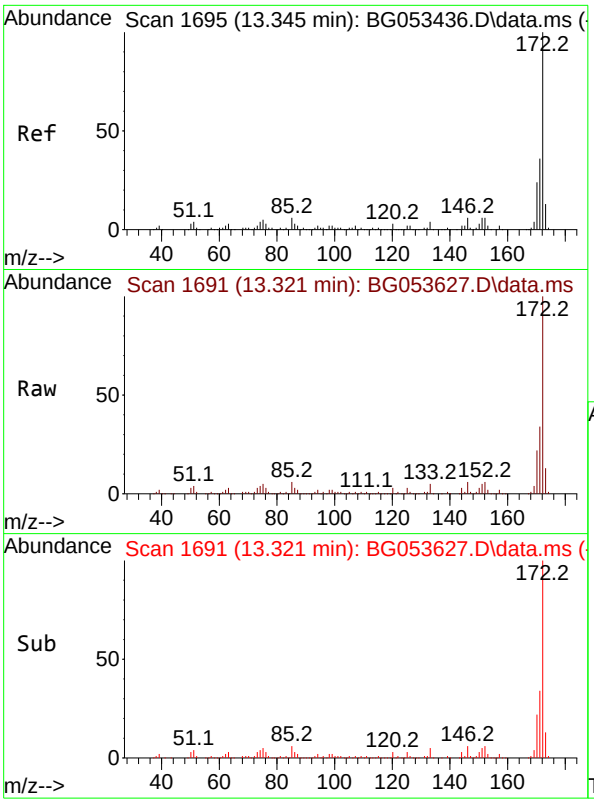


#42
2,4,6-Tribromophenol
Concen: 127.581 ng
RT: 16.193 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion:330 Resp: 148131

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	33.5	27.1	40.7



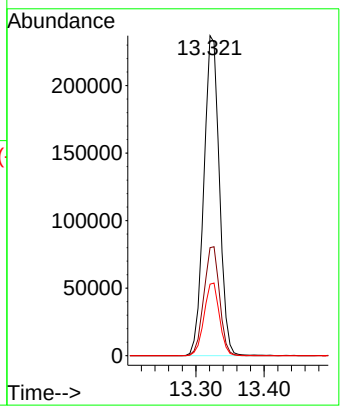


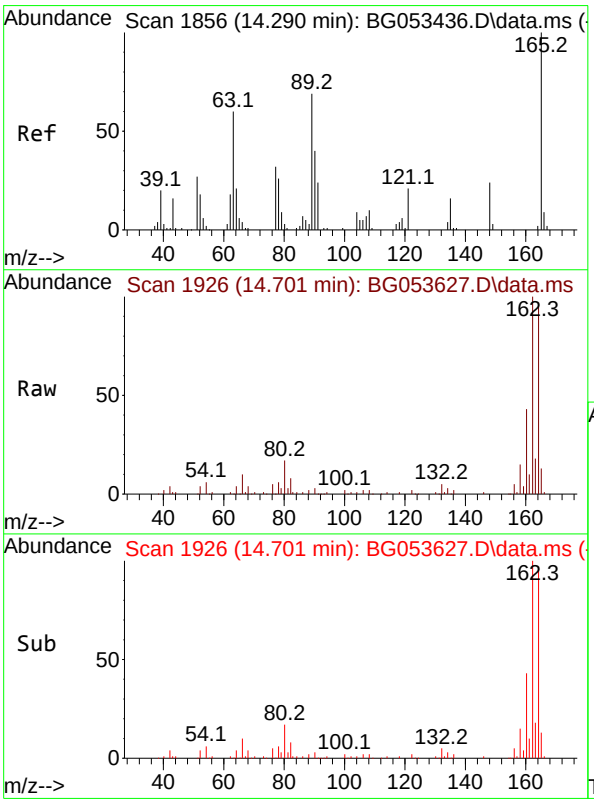
#45
2-Fluorobiphenyl
Concen: 69.522 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:172 Resp: 374532

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.4	18.9	28.3

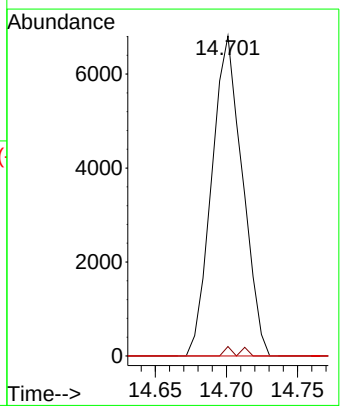


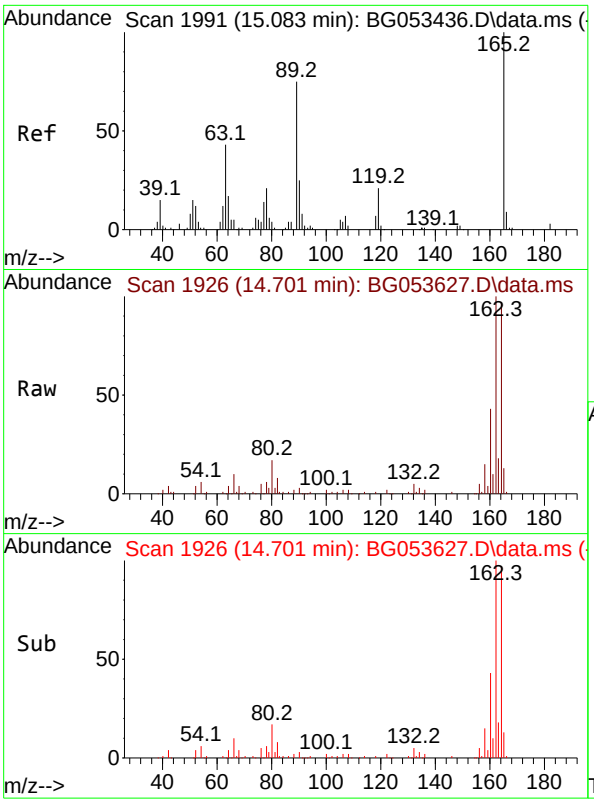


#51
2,6-Dinitrotoluene
Concen: 8.398 ng
RT: 14.701 min Scan# 1926
Delta R.T. 0.429 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion:165 Resp: 10235

Ion	Ratio	Lower	Upper
165	100		
63	3.0	54.1	81.1#
89	0.0	54.8	82.2#



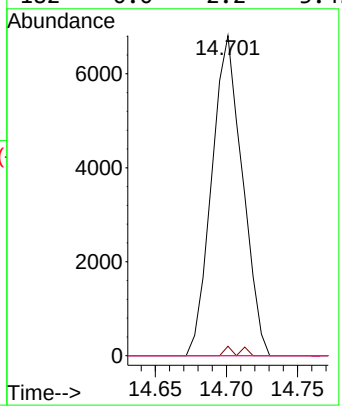


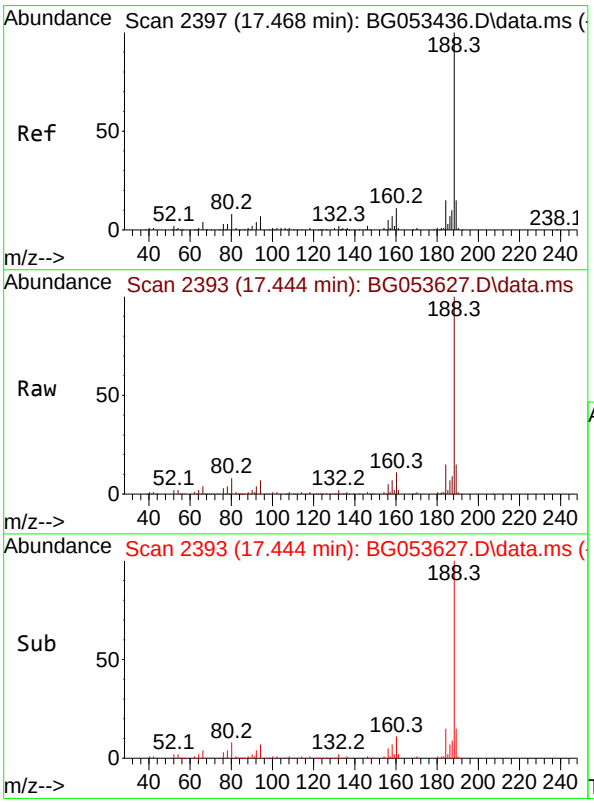
#57
2,4-Dinitrotoluene
Concen: 5.794 ng
RT: 14.701 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:165 Resp: 10235

Ion	Ratio	Lower	Upper
165	100		
63	3.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

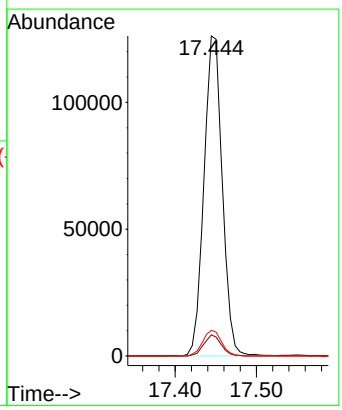


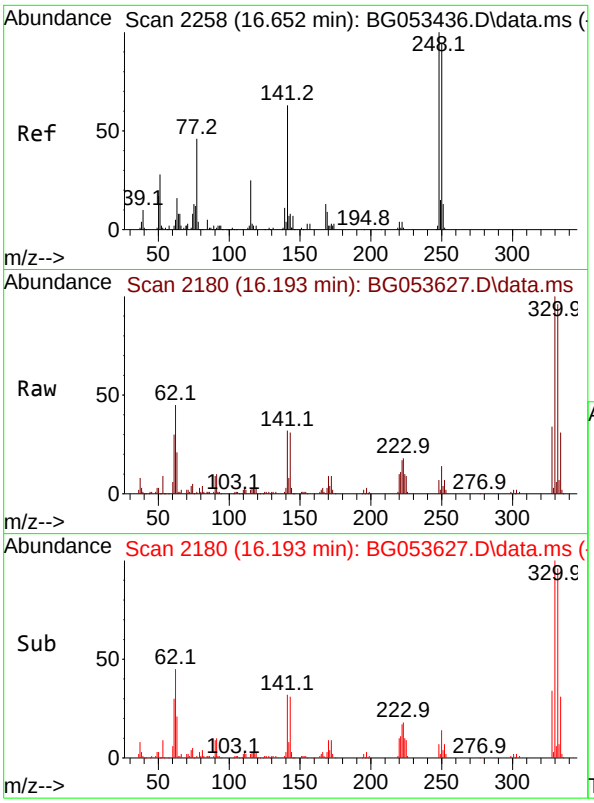


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.444 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion:188 Resp: 197616

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



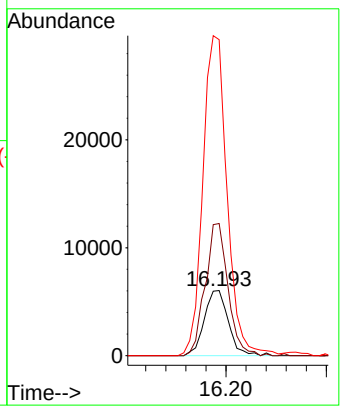


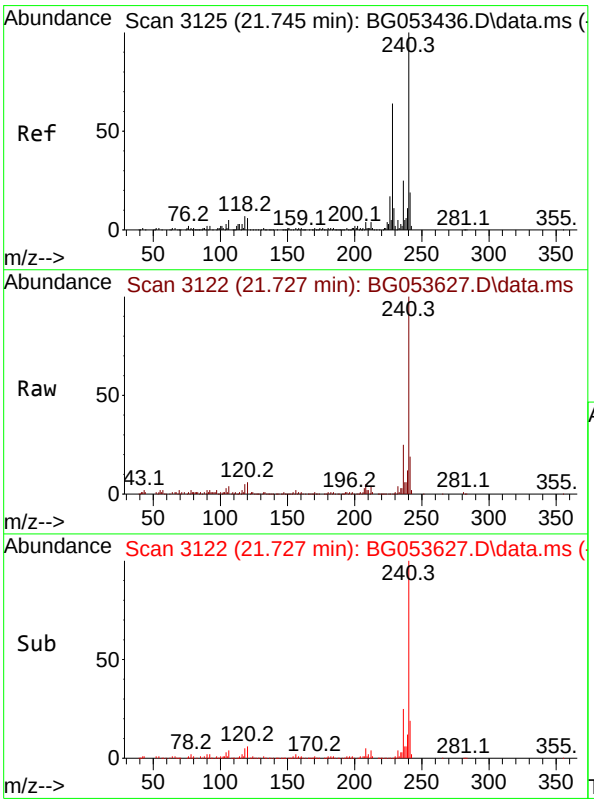
#67
4-Bromophenyl-phenylether
Concen: 4.360 ng
RT: 16.193 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:248 Resp: 10063

Ion	Ratio	Lower	Upper
248	100		
250	203.0	75.2	112.8#
141	485.6	50.0	75.0#

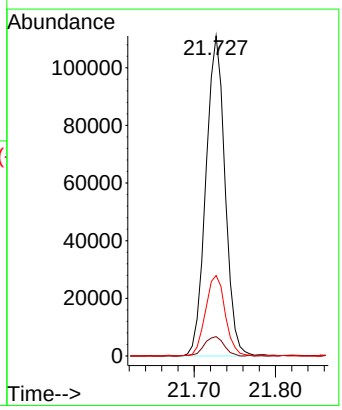


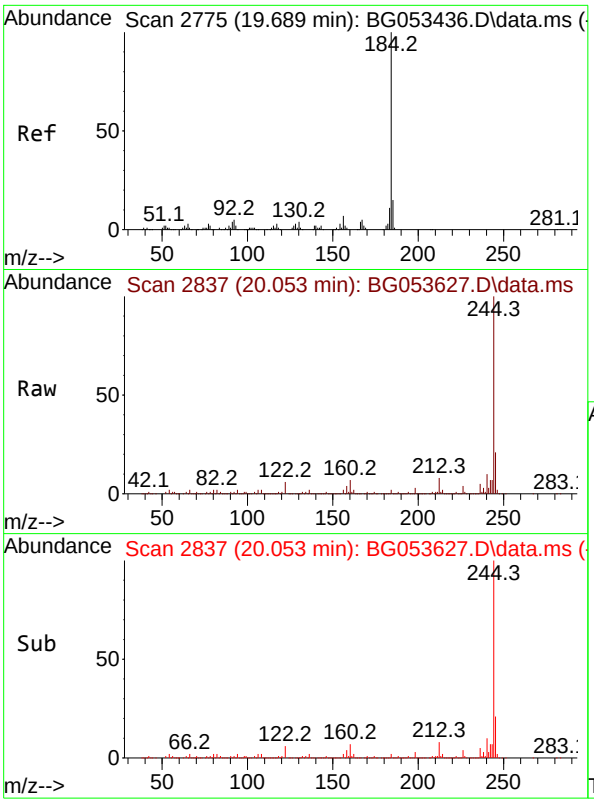


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion:240 Resp: 181496

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	7.0
236	25.1	20.2	30.4



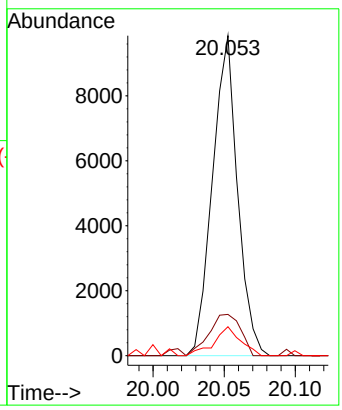


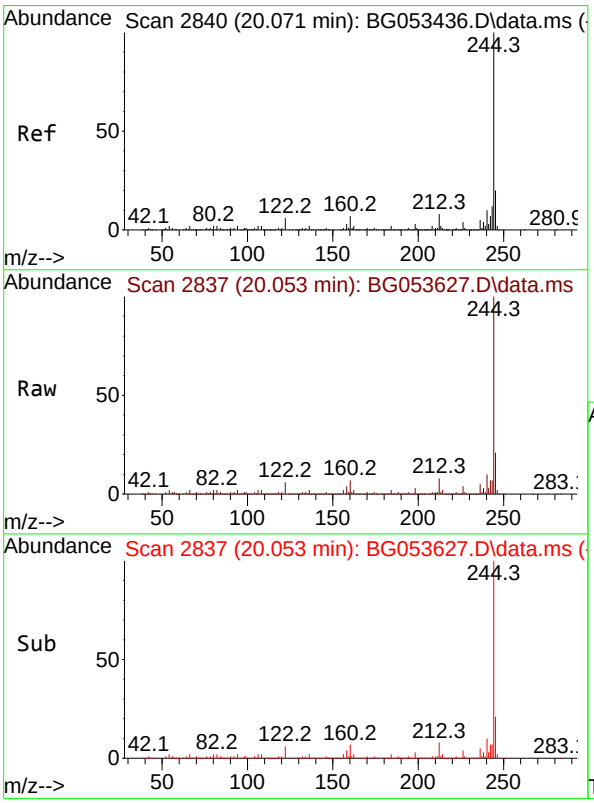
#77
Benzidine
Concen: 3.085 ng
RT: 20.053 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:184 Resp: 12067

Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.8	17.6
183	9.1	8.9	13.3

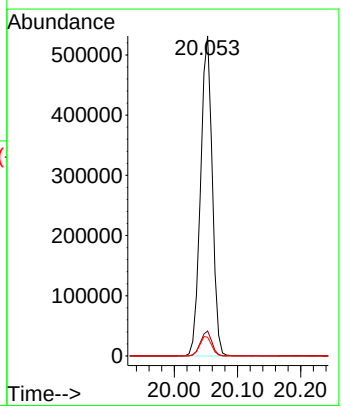


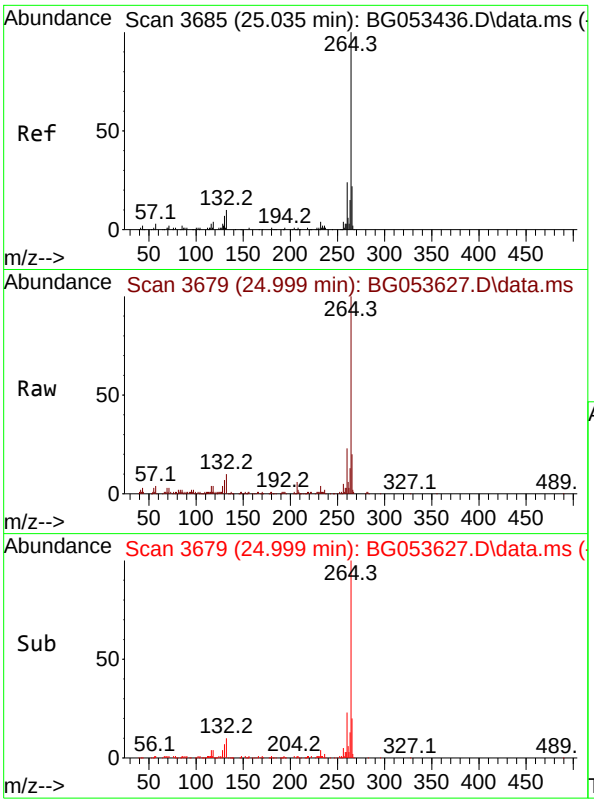


#79
Terphenyl-d14
Concen: 70.179 ng
RT: 20.053 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Tgt Ion:244 Resp: 683892

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	5.9	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.999 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG053627.D
Acq: 19 May 2022 15:36

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:264 Resp: 187535

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	19.8	17.4	26.2