Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053335.D
Acq On : 27 Apr 2022 00:42
Operator : CG/JU
Sample : N2559-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-10S

Quant Time: Apr 27 03:39:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	20324	20.000	ng	0.00
21) Naphthalene-d8	10.920	136	77051	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	56884	20.000	ng	0.00
64) Phenanthrene-d10	17.476	188	174705	20.000	ng	0.00
76) Chrysene-d12	21.758	240	211908	20.000	ng	0.00
86) Perylene-d12	25.054	264	131838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	165426	139.525	ng	0.00
7) Phenol-d6	7.266	99	216457	118.388	ng	0.00
23) Nitrobenzene-d5	9.269	82	180642	95.193	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	150693	166.511	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	393520	95.392	ng	0.00
79) Terphenyl-d14	20.078	244	1149580	91.621	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	25532	19.074	ng	# 79
51) 2,6-Dinitrotoluene	14.732	165	7402	7.798	ng	# 24
57) 2,4-Dinitrotoluene	14.732	165	7402	5.478	ng	# 22
67) 4-Bromophenyl-phenylether	16.213	248	9857	4.403	ng	# 1
77) Benzidine	20.078	184	19192	3.174	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053335.D
Acq On : 27 Apr 2022 00:42
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Misc :
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Quant Time: Apr 27 03:39:16 2022
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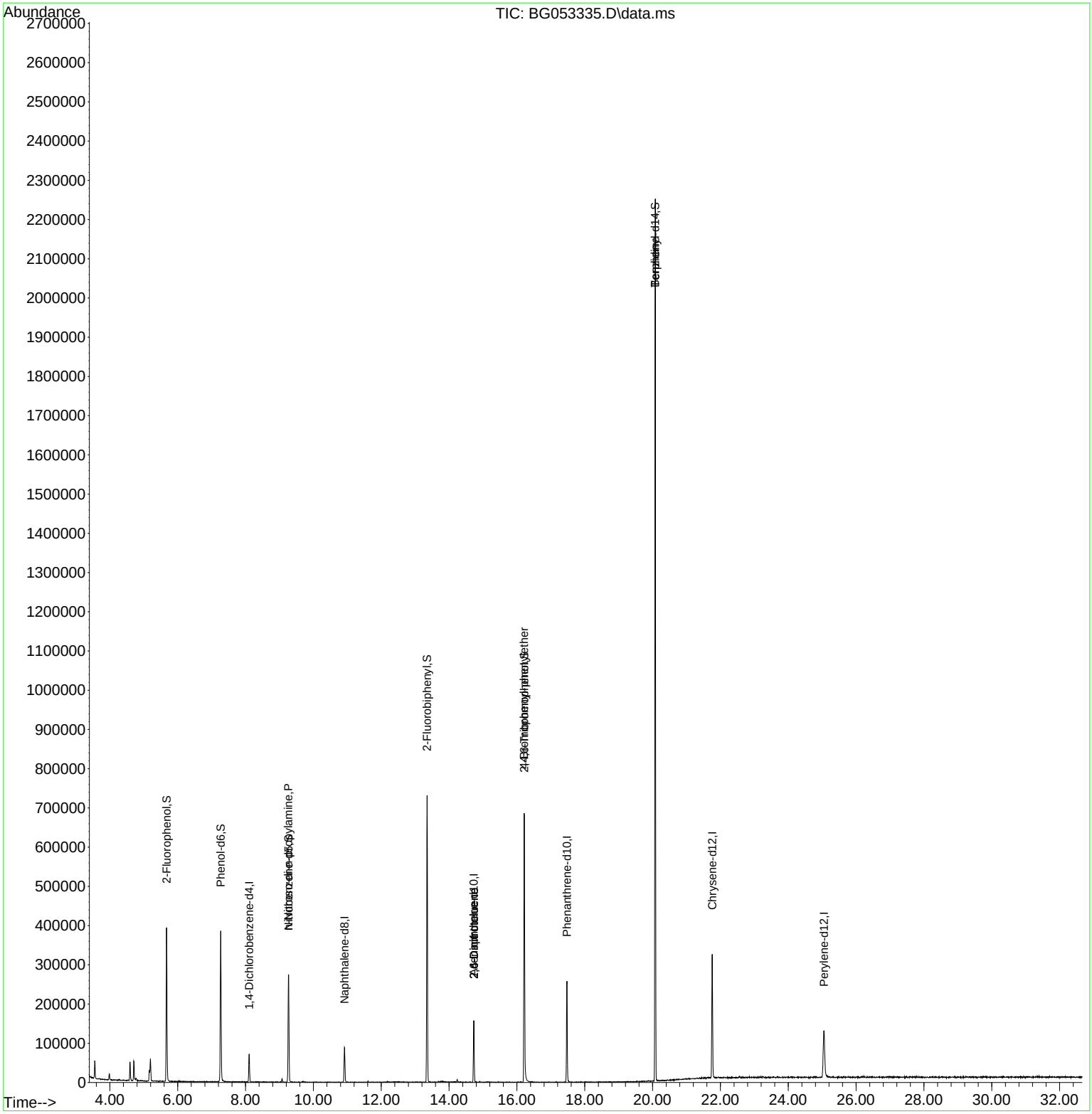
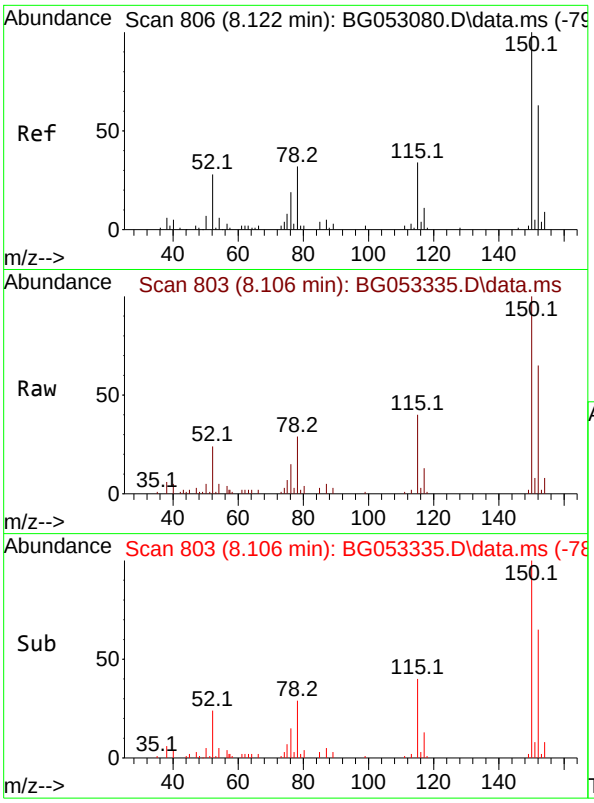
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration



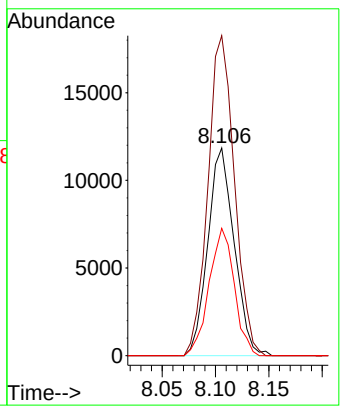


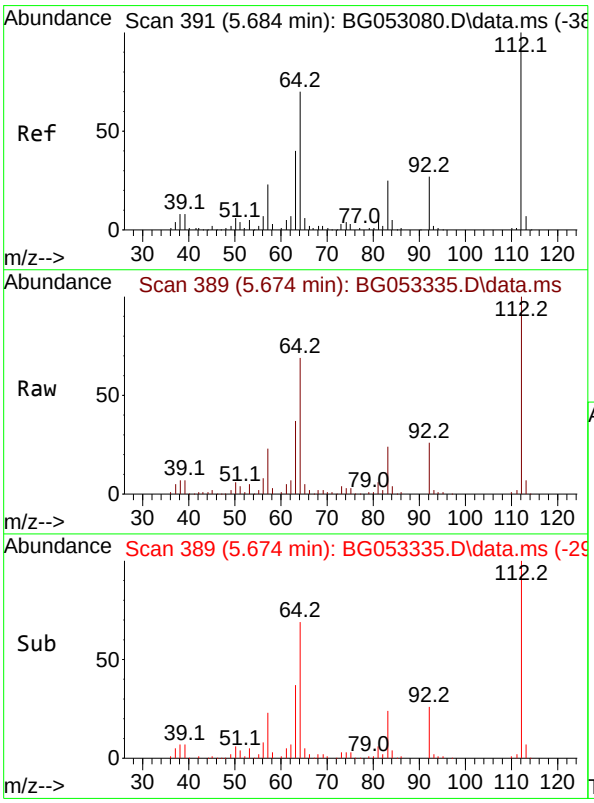
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 8(
Delta R.T. -0.007 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:152 Resp: 20324

Ion	Ratio	Lower	Upper
152	100		
150	154.1	114.6	172.0
115	61.4	45.9	68.9

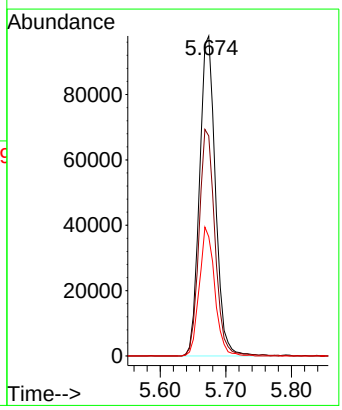


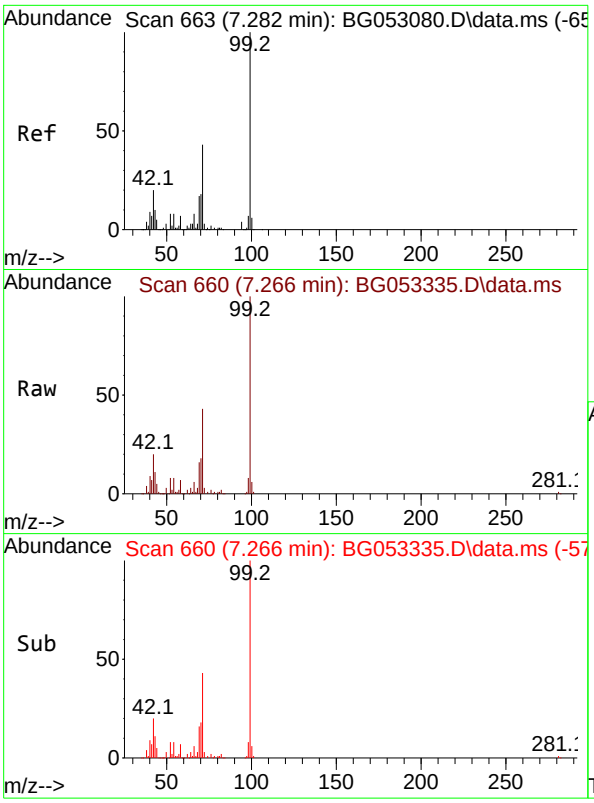


#5
2-Fluorophenol
Concen: 139.525 ng
RT: 5.674 min Scan# 389
Delta R.T. -0.002 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion:112 Resp: 165426

Ion	Ratio	Lower	Upper
112	100		
64	68.8	48.0	72.0
63	37.2	26.5	39.7



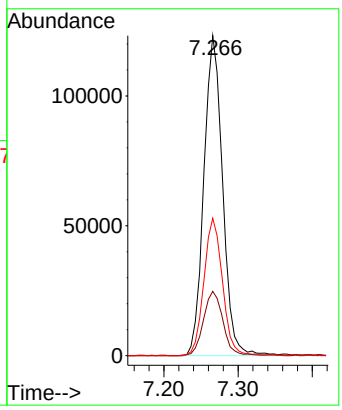


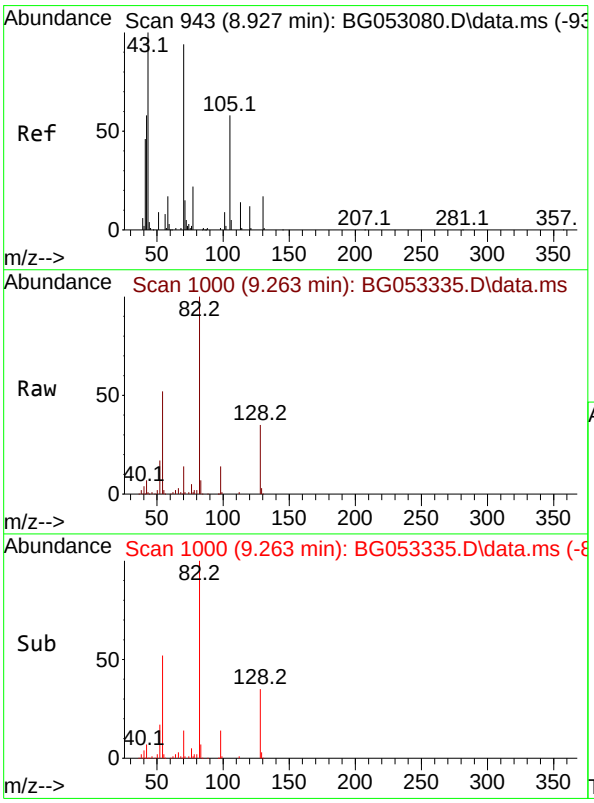
#7
Phenol-d6
Concen: 118.388 ng
RT: 7.266 min Scan# 6
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion: 99 Resp: 216457

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.7	22.1
71	42.9	29.2	43.8

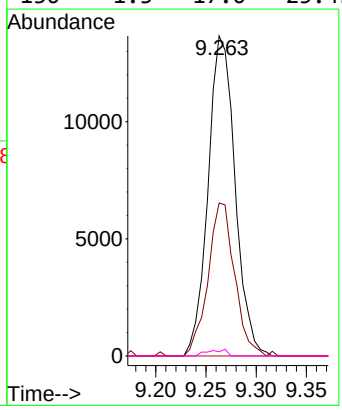


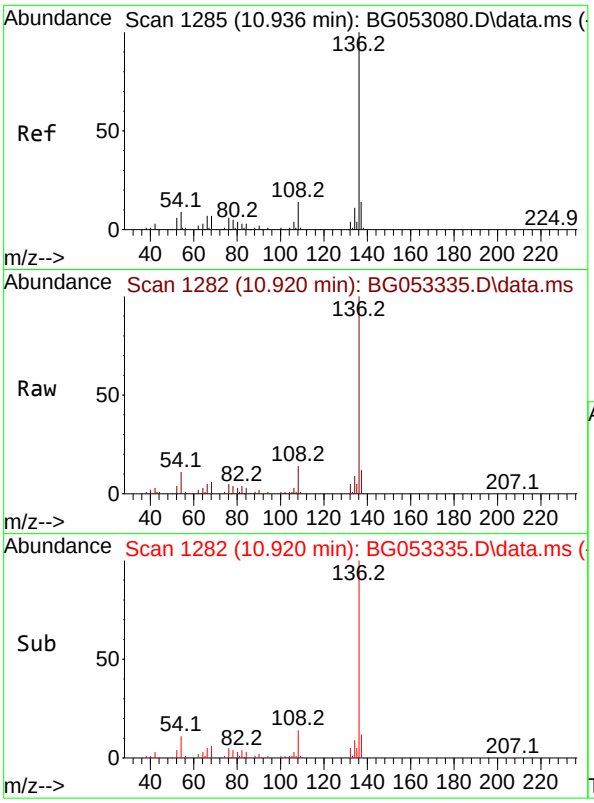


#19
n-Nitroso-di-n-propylamine
Concen: 19.074 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.351 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion: 70 Resp: 25532

Ion	Ratio	Lower	Upper
70	100		
42	47.8	46.0	69.0
101	0.0	6.2	9.4#
130	1.3	17.0	25.4#



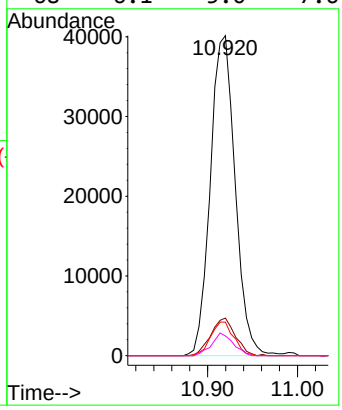


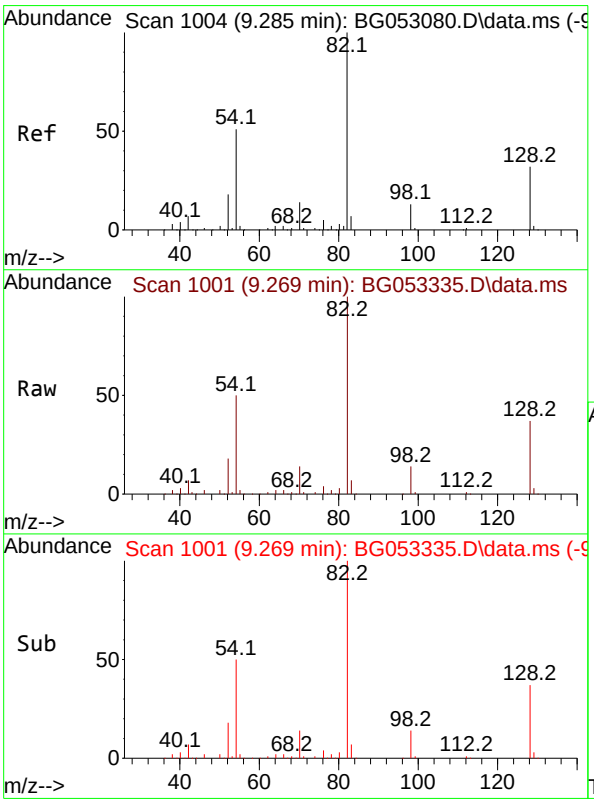
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.920 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:136 Resp: 77051

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	10.5	6.4	9.6#
68	6.1	5.0	7.6

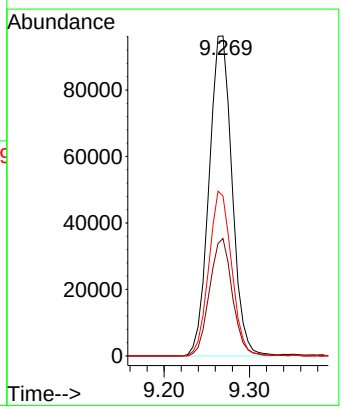


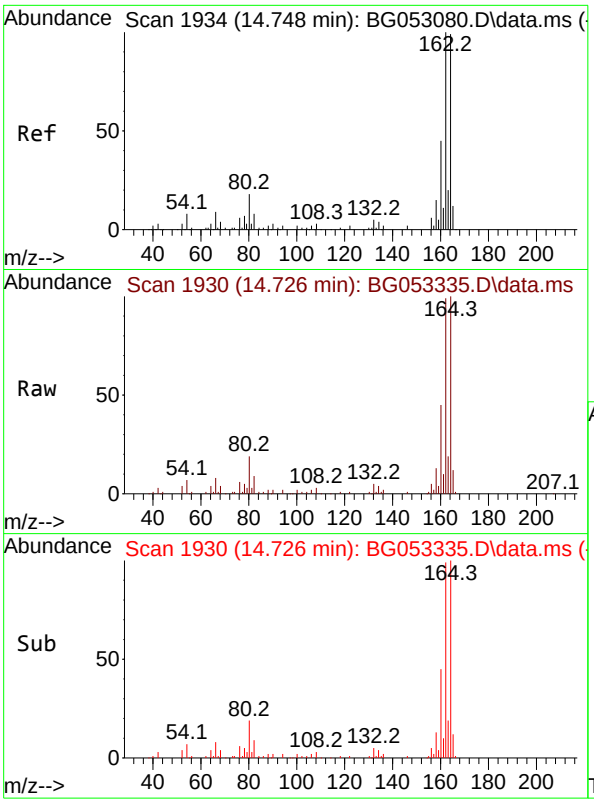


#23
Nitrobenzene-d5
Concen: 95.193 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion: 82 Resp: 180642

Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.3	46.9
54	50.0	37.8	56.8



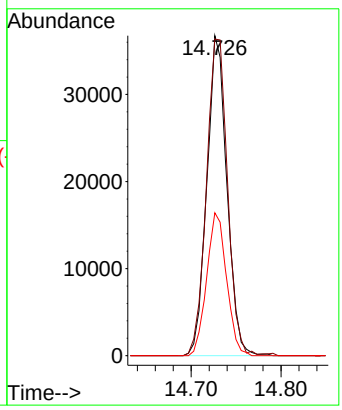


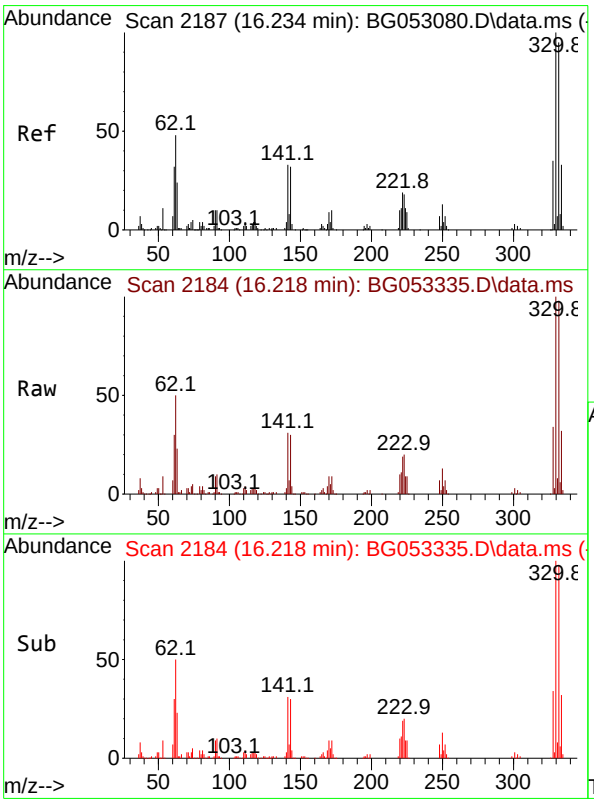
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:164 Resp: 56884

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.0	120.0
160	44.6	38.8	58.2

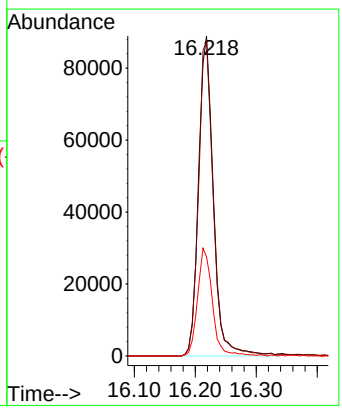


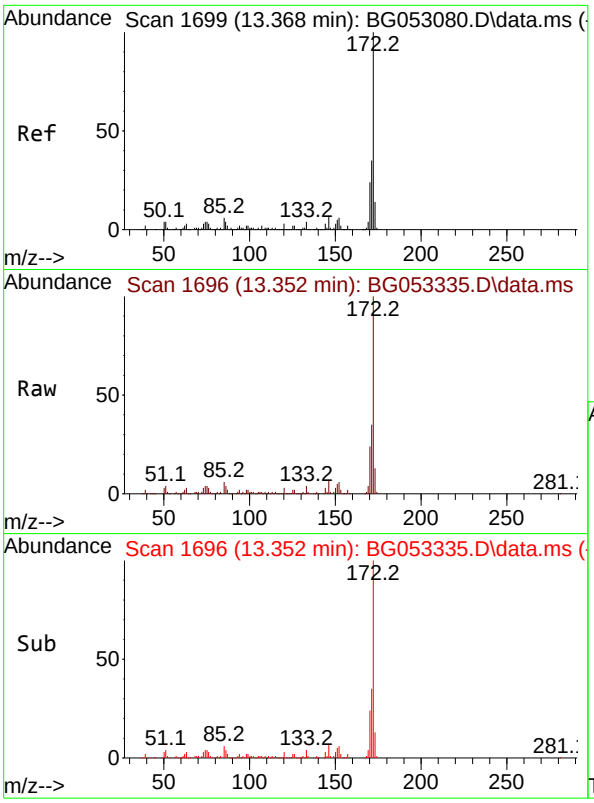


#42
2,4,6-Tribromophenol
Concen: 166.511 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion:330 Resp: 150693

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.8	113.6
141	33.5	24.6	36.8



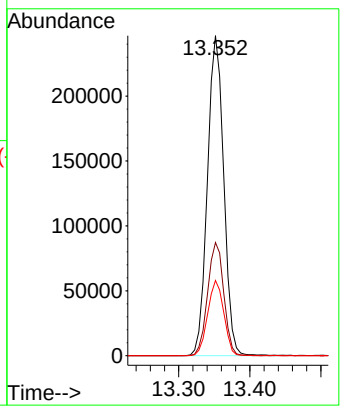


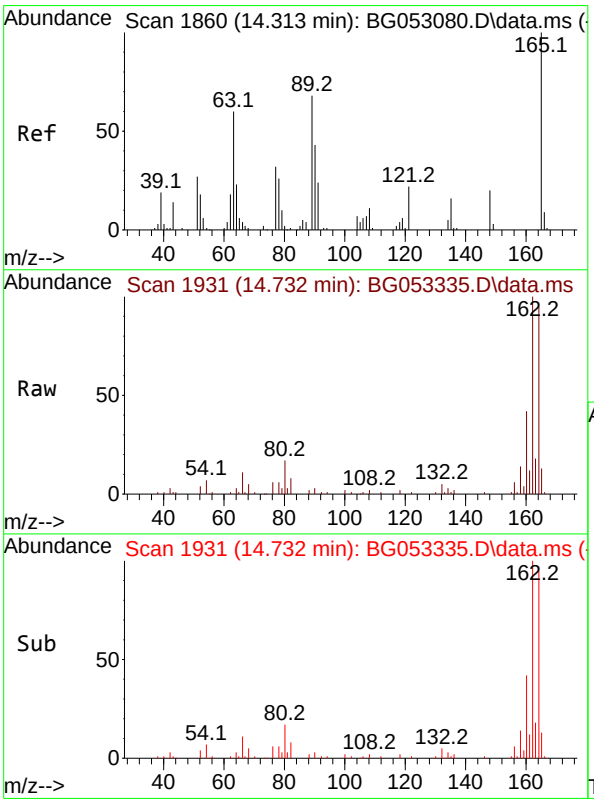
#45
2-Fluorobiphenyl
Concen: 95.392 ng
RT: 13.352 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:172 Resp: 393520

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.5	18.0	27.0

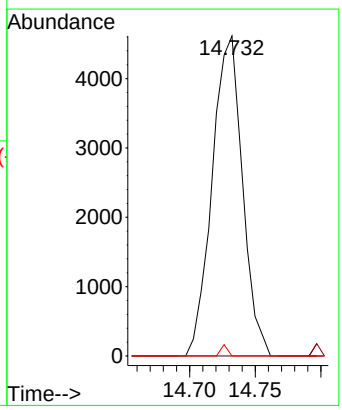


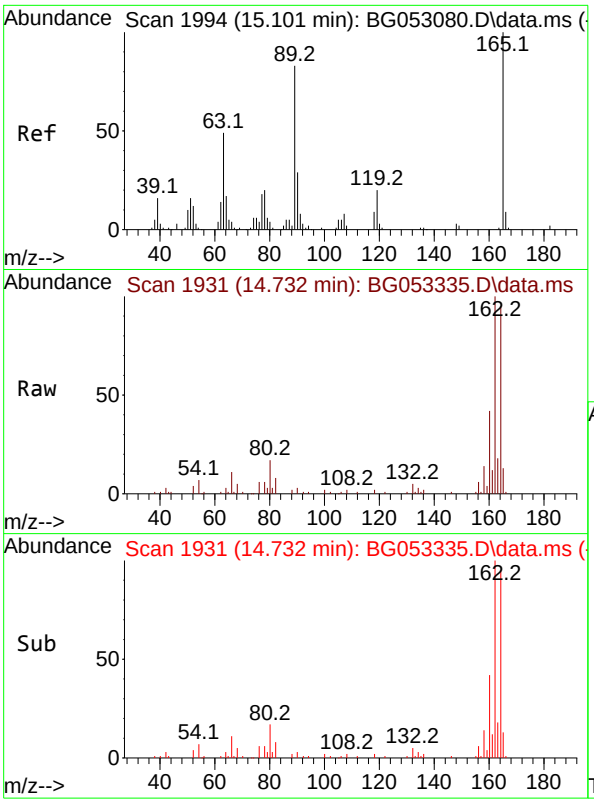


#51
2,6-Dinitrotoluene
Concen: 7.798 ng
RT: 14.732 min Scan# 1931
Delta R.T. 0.427 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion:165 Resp: 7402

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	0.0	45.0	67.4#



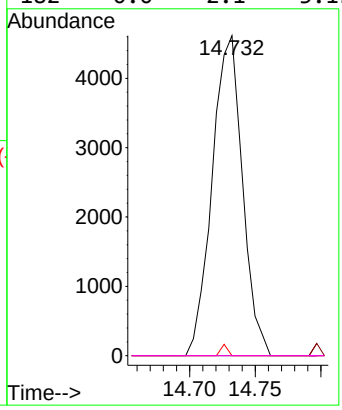


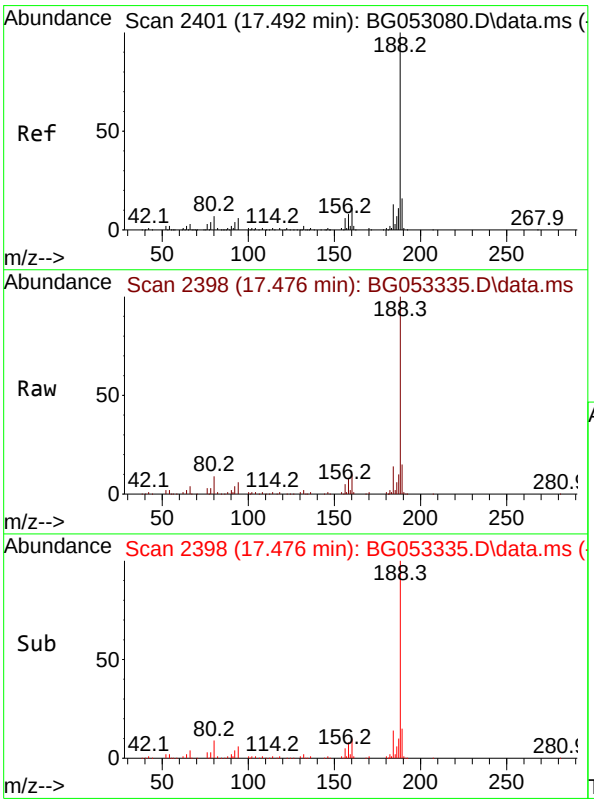
#57
2,4-Dinitrotoluene
Concen: 5.478 ng
RT: 14.732 min Scan# 1
Delta R.T. -0.360 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:165 Resp: 7402

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#

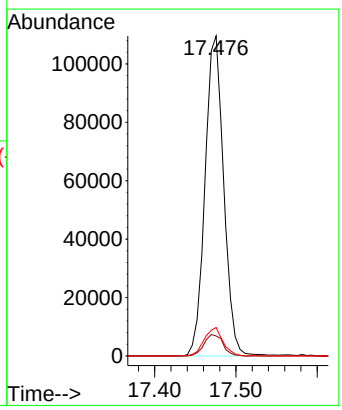


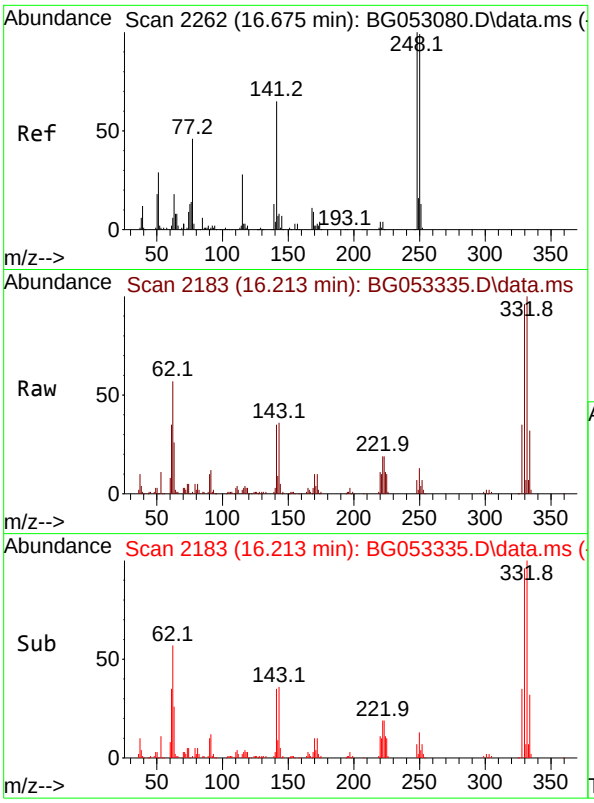


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.476 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion:188 Resp: 174705

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	8.9	7.2	10.8



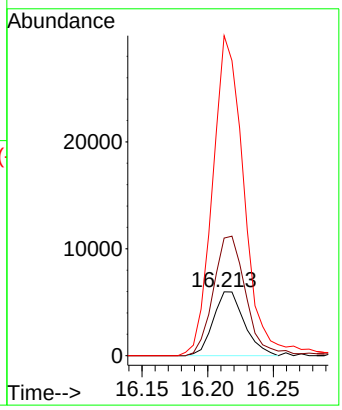


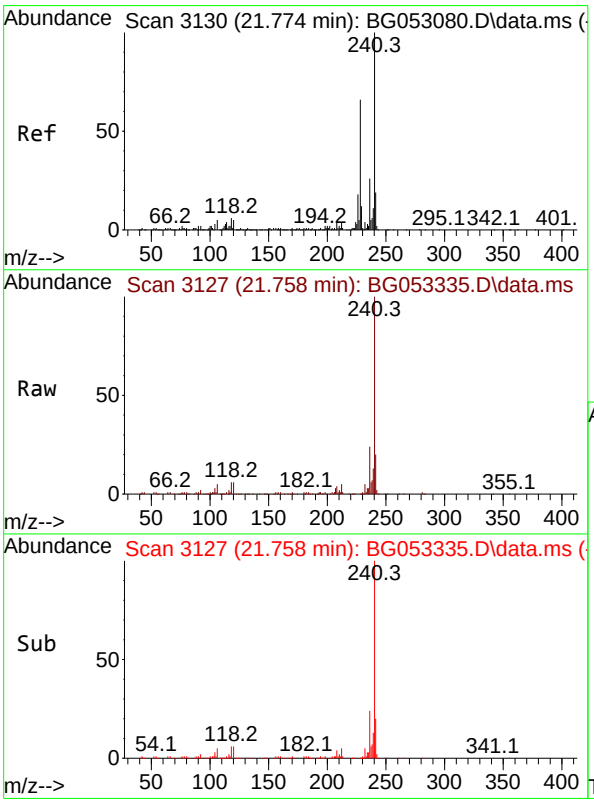
#67
4-Bromophenyl-phenylether
Concen: 4.403 ng
RT: 16.213 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:248 Resp: 9857

Ion	Ratio	Lower	Upper
248	100		
250	184.3	77.9	116.9#
141	501.3	49.2	73.8#

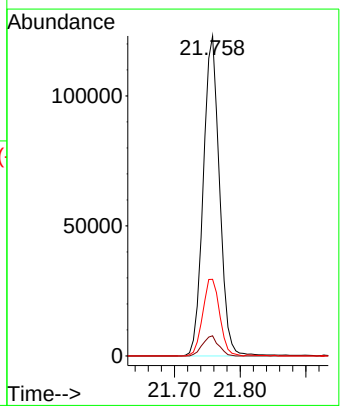


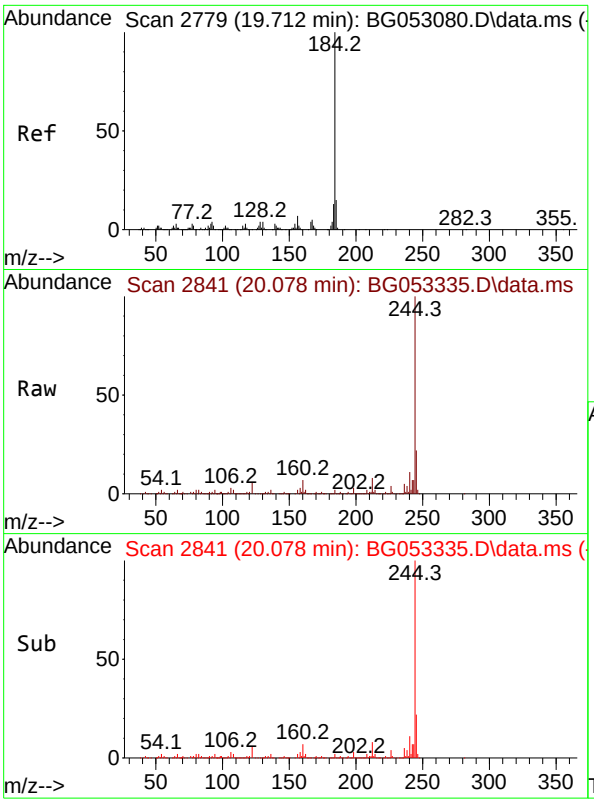


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.758 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion:240 Resp: 211908

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.4	8.0
236	24.0	19.8	29.6



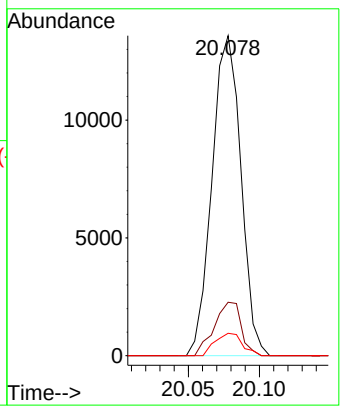


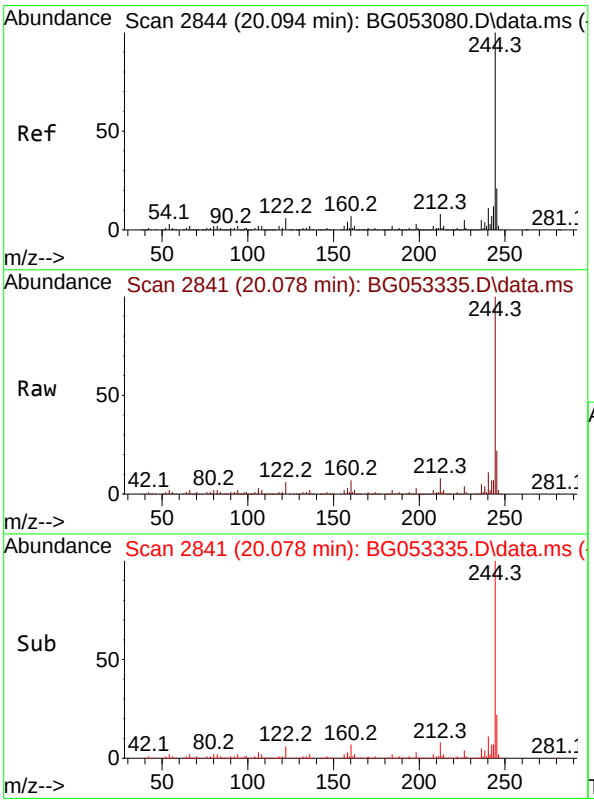
#77
Benzidine
Concen: 3.174 ng
RT: 20.078 min Scan# 2
Delta R.T. 0.374 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:184 Resp: 19192

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.5	17.3
183	7.0	9.4	14.2#

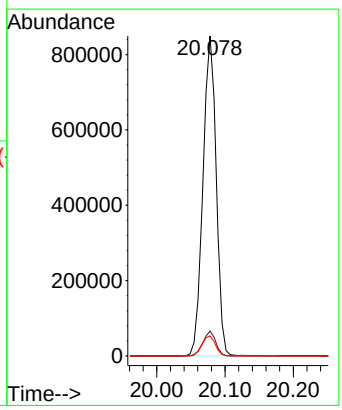


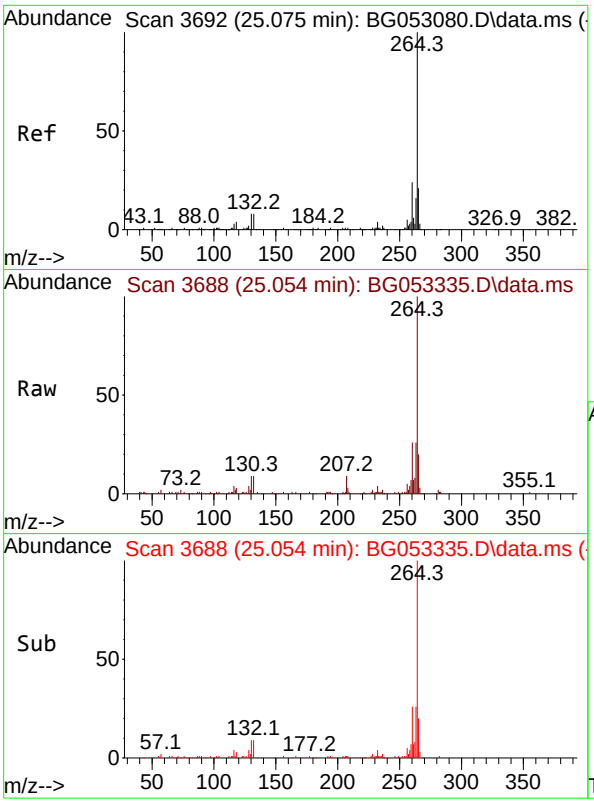


#79
Terphenyl-d14
Concen: 91.621 ng
RT: 20.078 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Tgt Ion:244 Resp: 1149580

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	6.3	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.054 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG053335.D
Acq: 27 Apr 2022 00:42

Instrument :
BNA_G
ClientSampleId :
MH-10S

Tgt Ion:264 Resp: 131838

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.2	27.2
265	20.3	15.1	22.7