Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053288.D
Acq On : 23 Apr 2022 11:53
Operator : CG/JU
Sample : N2526-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-5S

Quant Time: Apr 24 02:48:22 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	8.105	152	23982	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	100602	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	78537	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	193444	20.000	ng	0.00
76) Chrysene-d12	21.757	240	201499	20.000	ng	0.00
86) Perylene-d12	25.058	264	204651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	221824	158.555	ng	0.00
7) Phenol-d6	7.271	99	325908	151.061	ng	0.00
23) Nitrobenzene-d5	9.268	82	231404	93.396	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	175546	140.494	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	533179	93.612	ng	0.00
79) Terphenyl-d14	20.077	244	1094205	91.713	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.268	70	32194	20.383	ng	# 80
51) 2,6-Dinitrotoluene	14.731	165	10202	7.785	ng	# 24
57) 2,4-Dinitrotoluene	14.731	165	10202	5.468	ng	# 22
67) 4-Bromophenyl-phenylether	16.217	248	11172	4.507	ng	# 1
77) Benzidine	20.077	184	18840	3.277	ng	# 92

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

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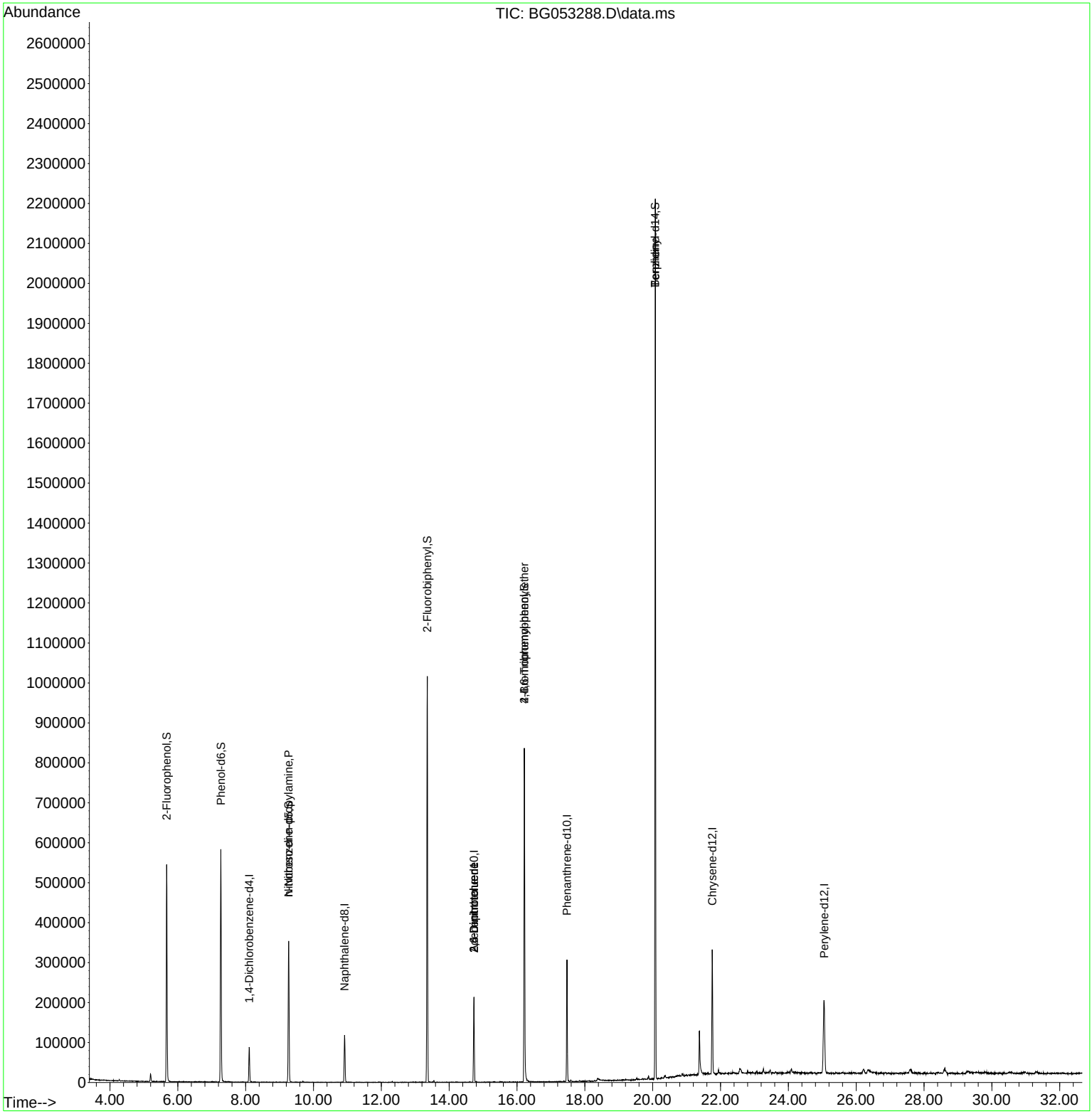
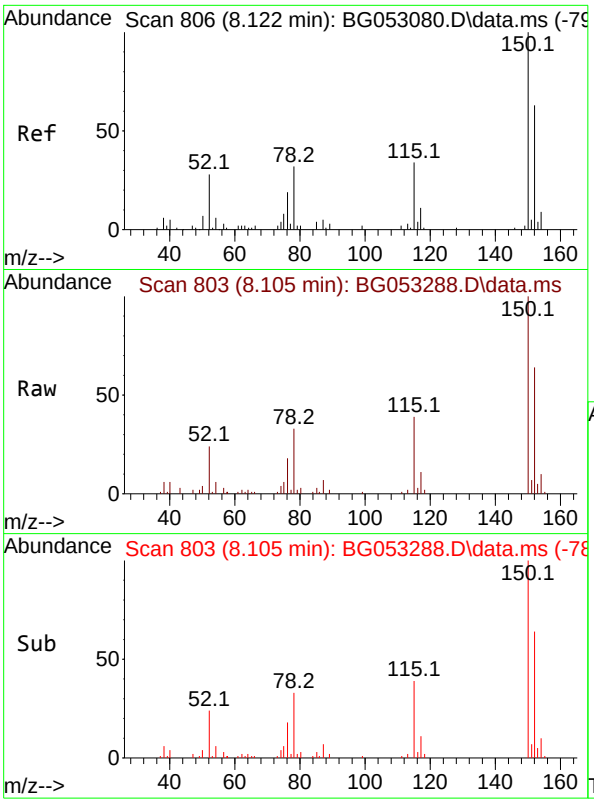


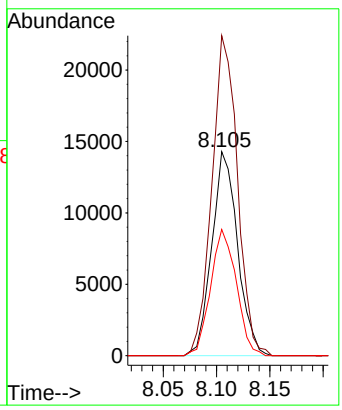


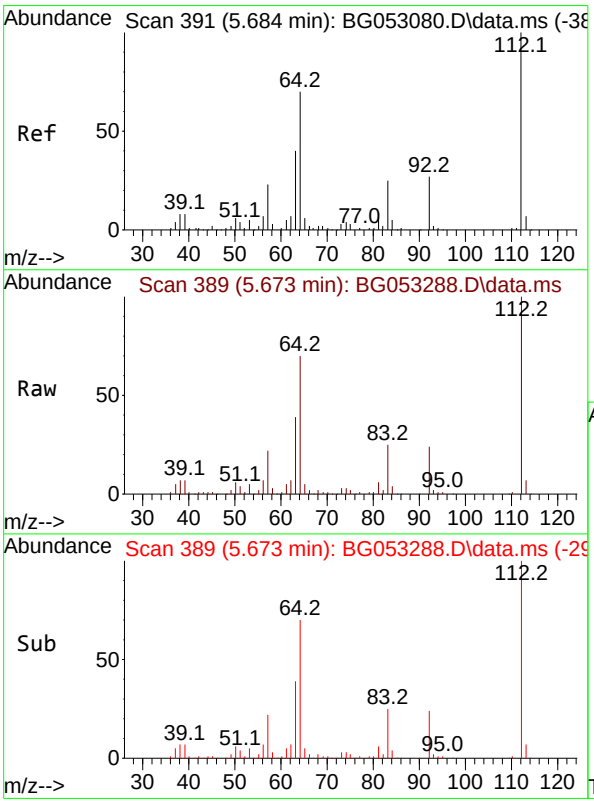
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 8(
Delta R.T. -0.008 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:152 Resp: 23982

Ion	Ratio	Lower	Upper
152	100		
150	156.9	114.6	172.0
115	61.9	45.9	68.9

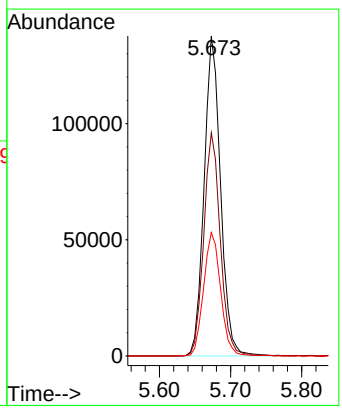


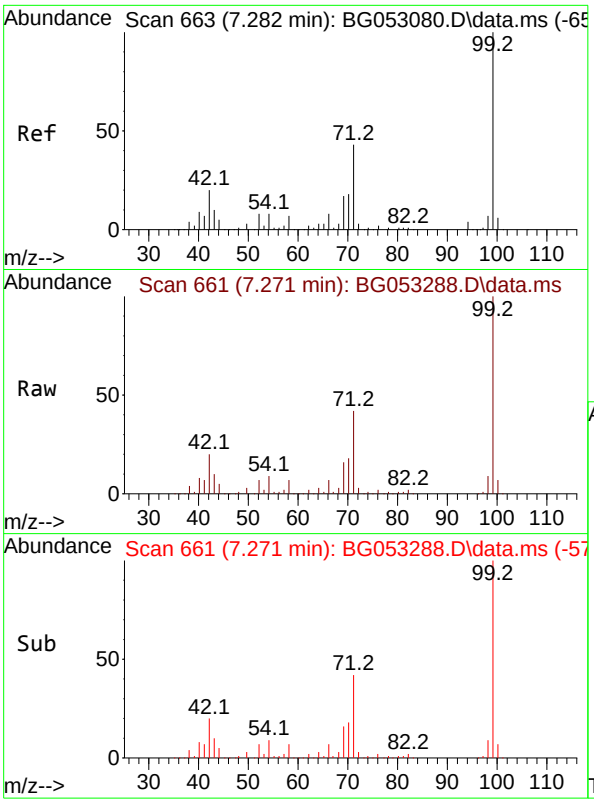


#5
2-Fluorophenol
Concen: 158.555 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion:112 Resp: 221824

Ion	Ratio	Lower	Upper
112	100		
64	69.7	48.0	72.0
63	38.5	26.5	39.7



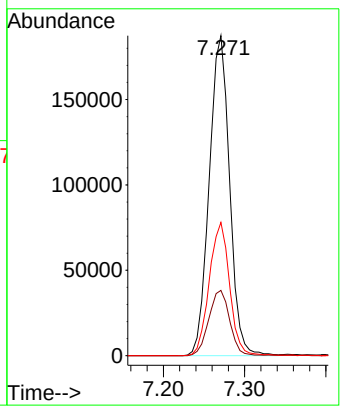


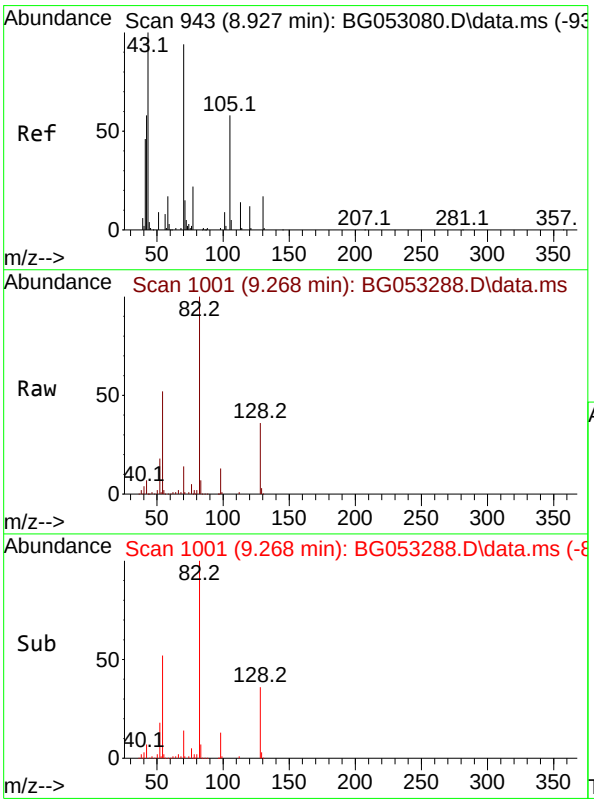
#7
Phenol-d6
Concen: 151.061 ng
RT: 7.271 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion: 99 Resp: 325908

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.7	22.1
71	41.6	29.2	43.8

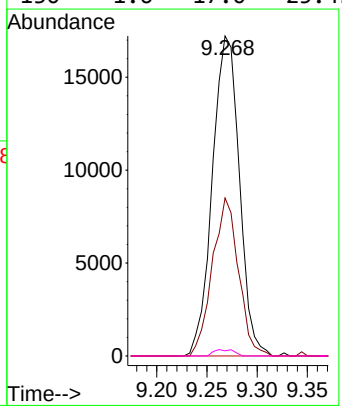


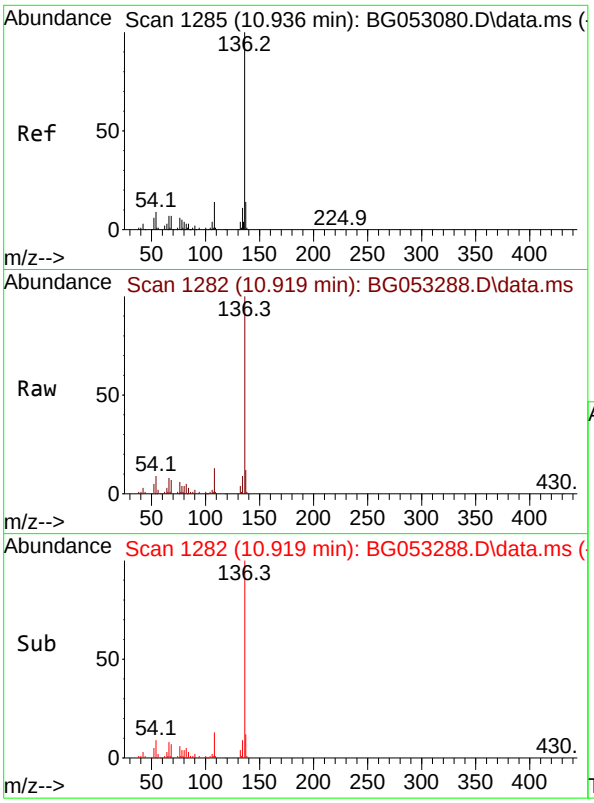


#19
n-Nitroso-di-n-propylamine
Concen: 20.383 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion: 70 Resp: 32194

Ion	Ratio	Lower	Upper
70	100		
42	49.4	46.0	69.0
101	0.0	6.2	9.4#
130	1.6	17.0	25.4#



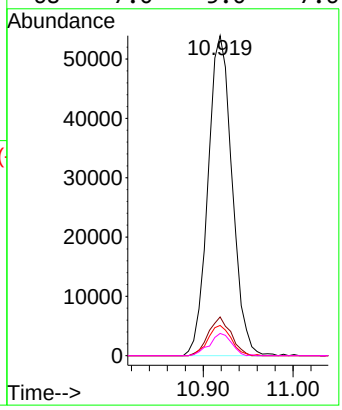


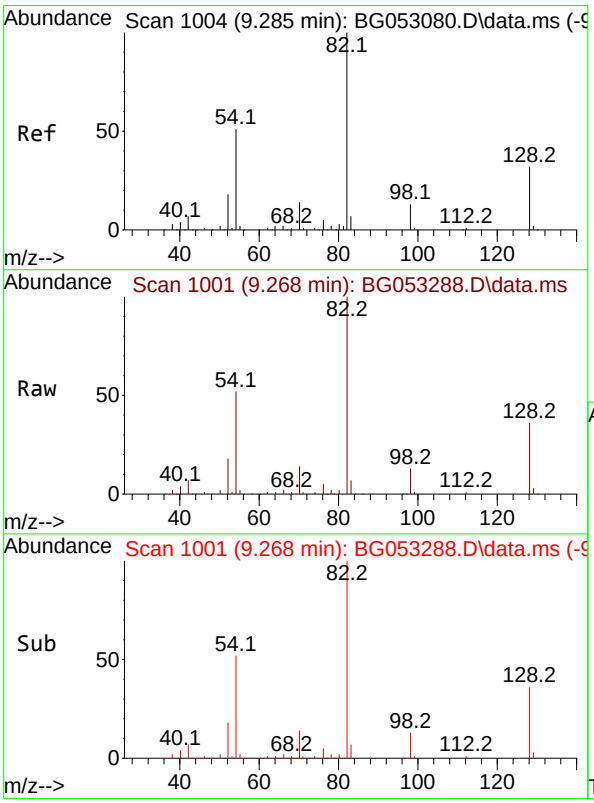
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:136 Resp: 100602

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.2
54	9.4	6.4	9.6
68	7.0	5.0	7.6

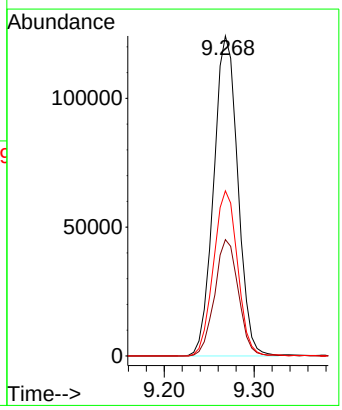


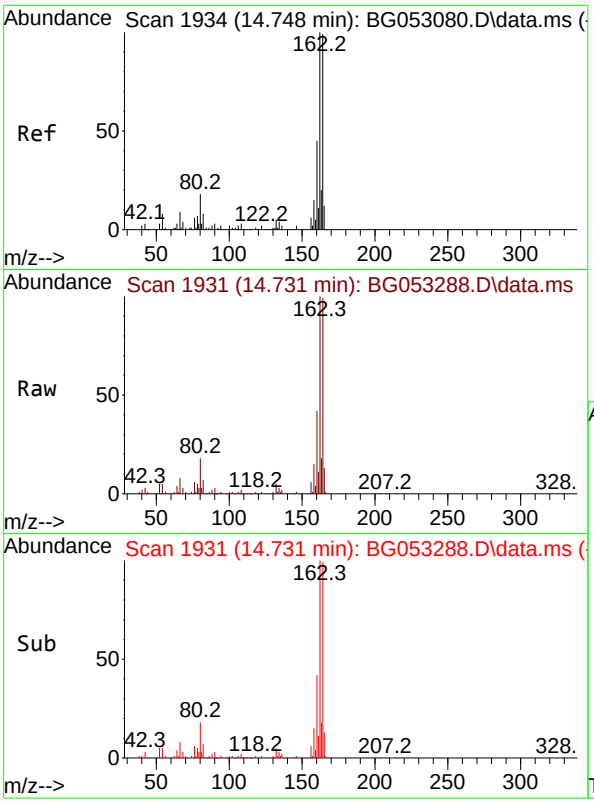


#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion: 82 Resp: 231404

Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.3	46.9
54	51.6	37.8	56.8



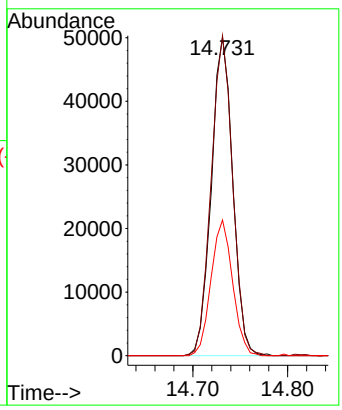


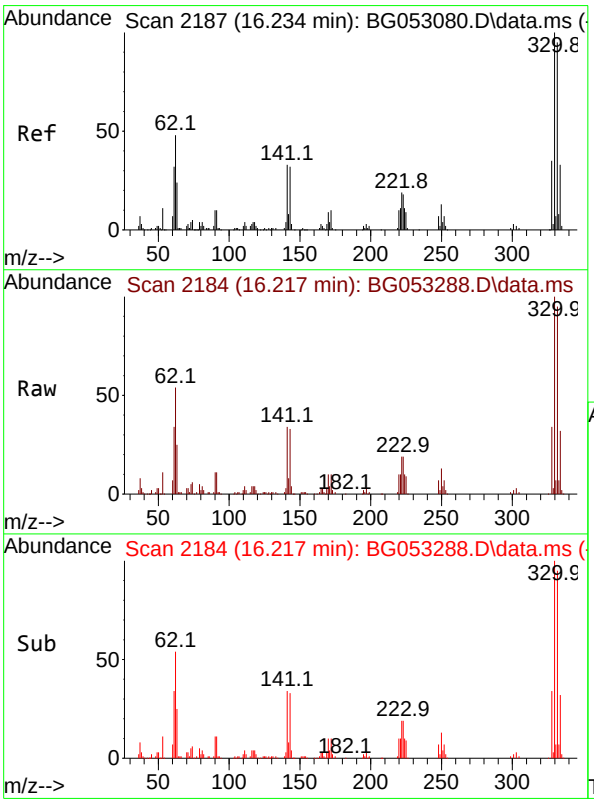
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:164 Resp: 78537

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.0	120.0
160	42.6	38.8	58.2

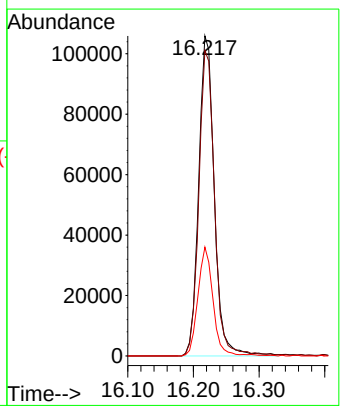


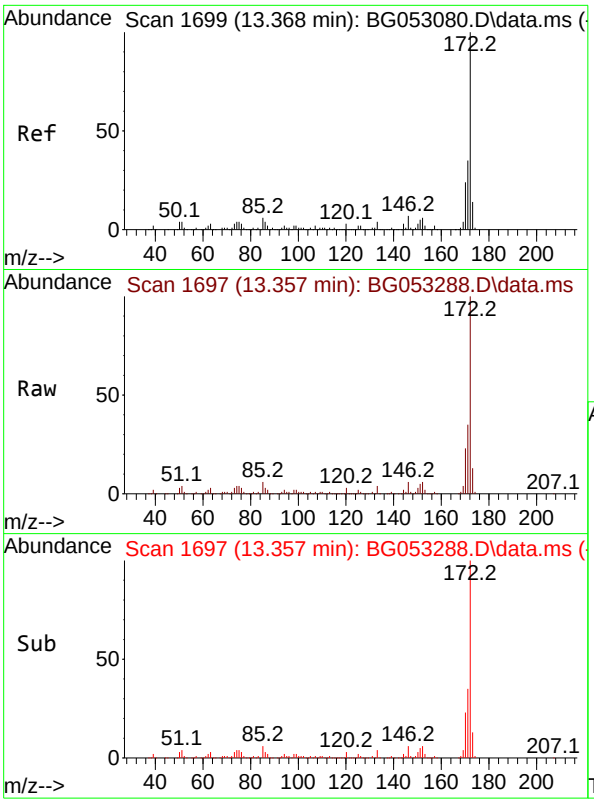


#42
2,4,6-Tribromophenol
Concen: 140.494 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion:330 Resp: 175546

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.6
141	33.1	24.6	36.8



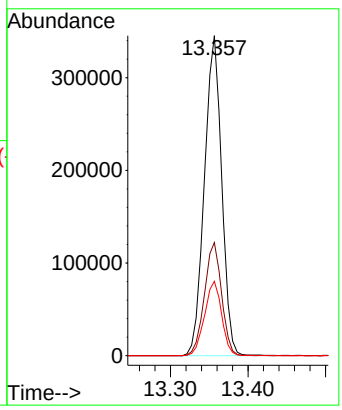


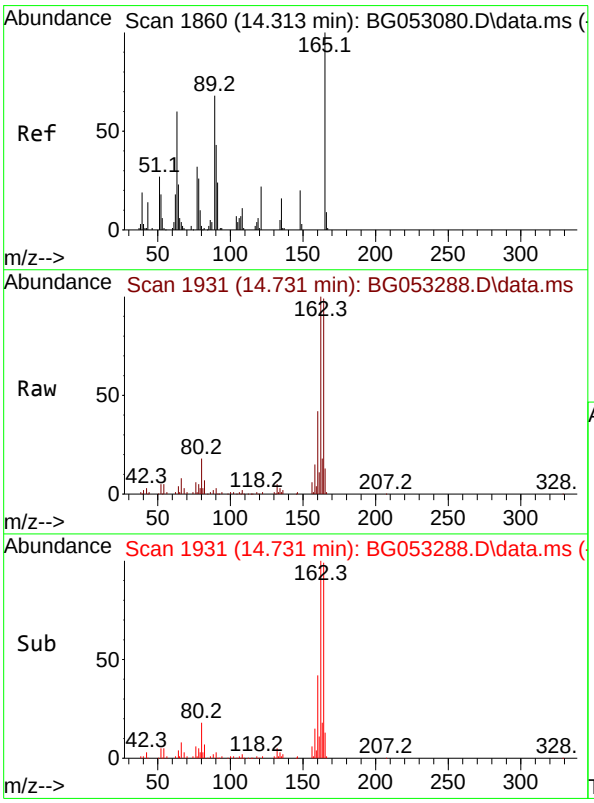
#45
2-Fluorobiphenyl
Concen: 93.612 ng
RT: 13.357 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:172 Resp: 533179

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.2	18.0	27.0

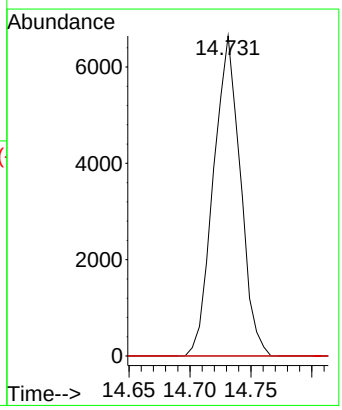


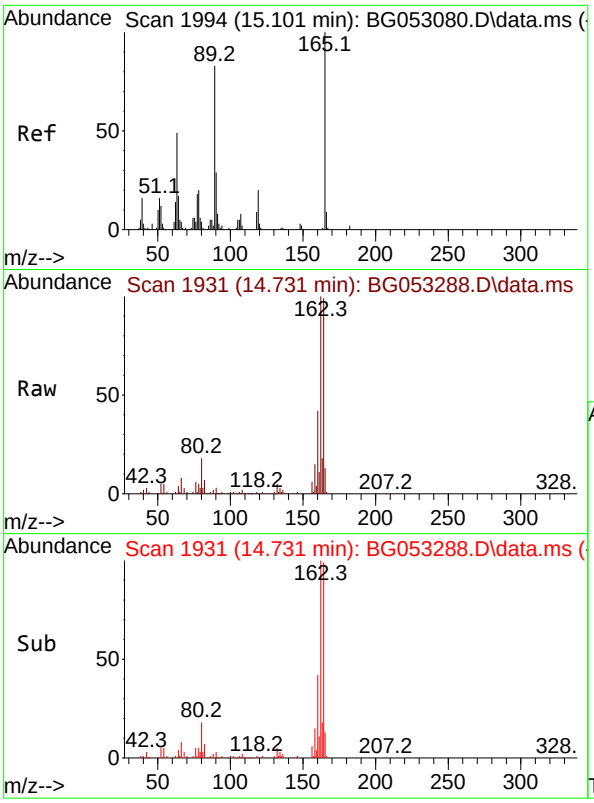


#51
2,6-Dinitrotoluene
Concen: 7.785 ng
RT: 14.731 min Scan# 1931
Delta R.T. 0.426 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion:165 Resp: 10202

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



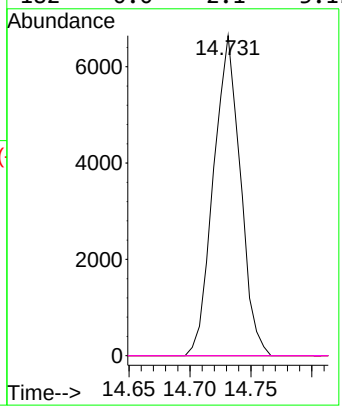


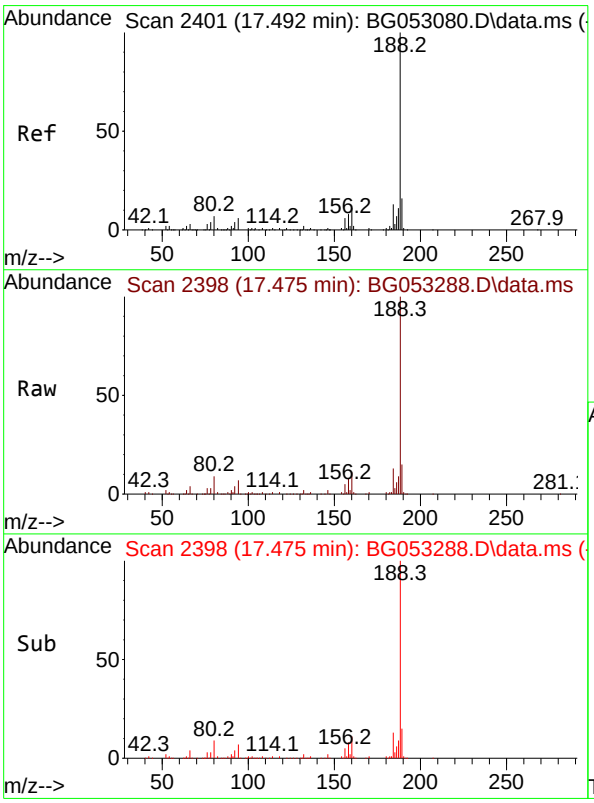
#57
2,4-Dinitrotoluene
Concen: 5.468 ng
RT: 14.731 min Scan# 1
Delta R.T. -0.361 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:165 Resp: 10202

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#

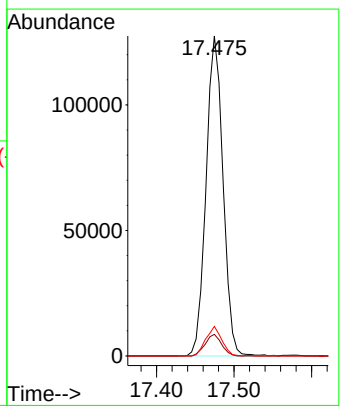


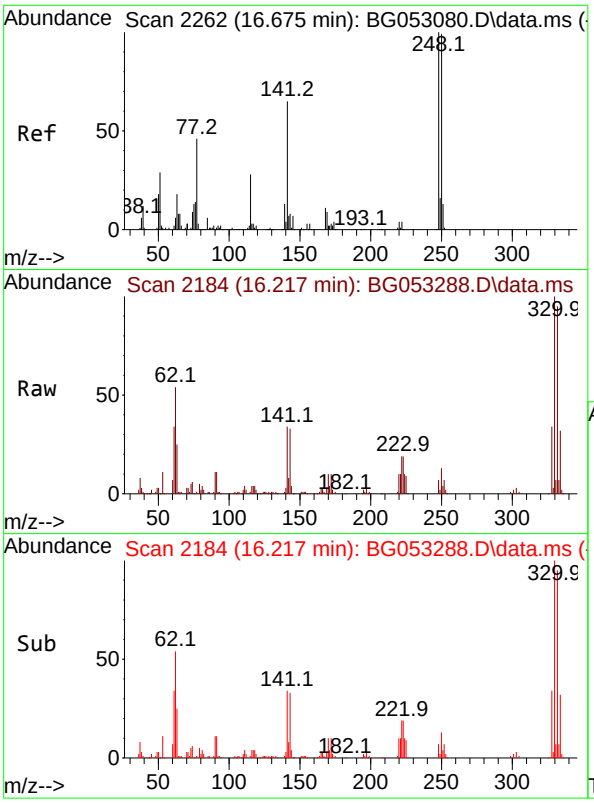


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion:188 Resp: 193444

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.7	8.5
80	9.2	7.2	10.8



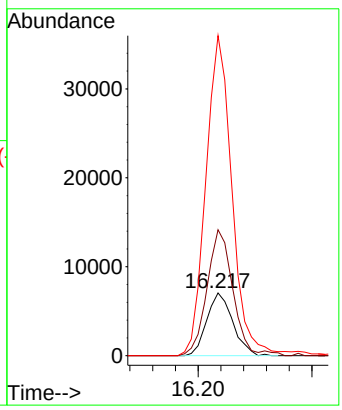


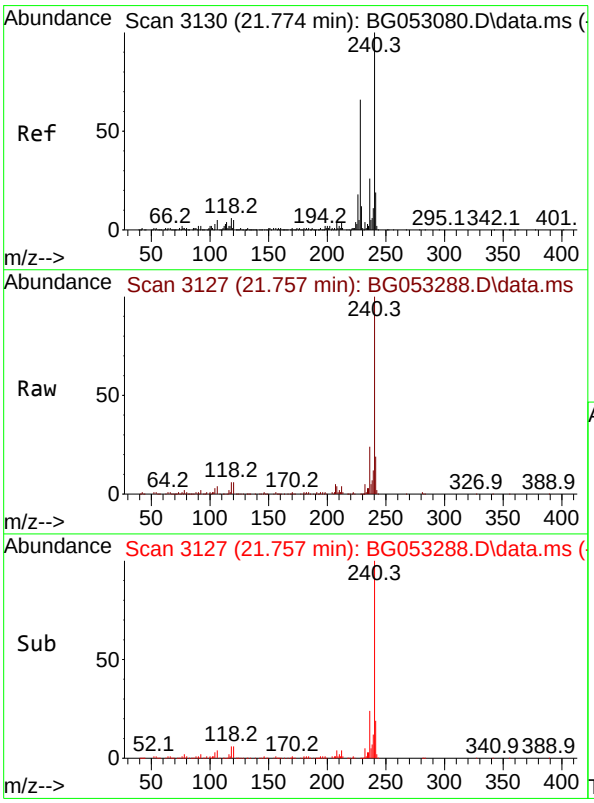
#67
4-Bromophenyl-phenylether
Concen: 4.507 ng
RT: 16.217 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:248 Resp: 11172

Ion	Ratio	Lower	Upper
248	100		
250	200.8	77.9	116.9#
141	509.9	49.2	73.8#

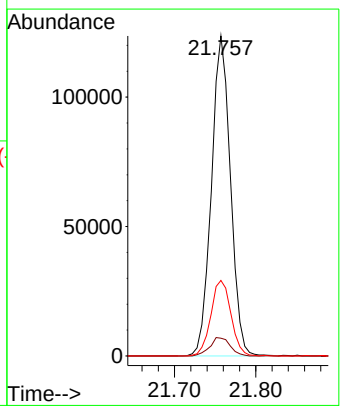


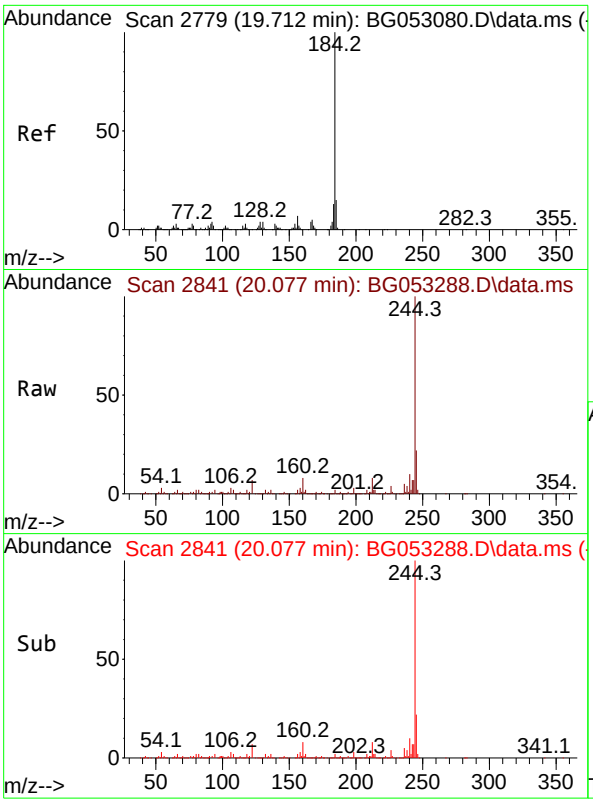


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion:240 Resp: 201499

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.4	8.0
236	23.6	19.8	29.6



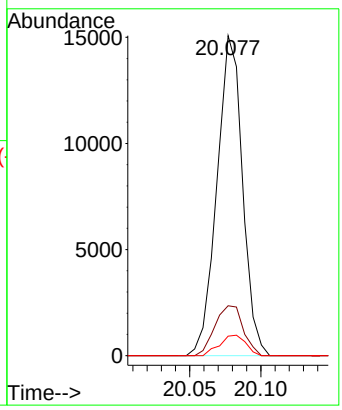


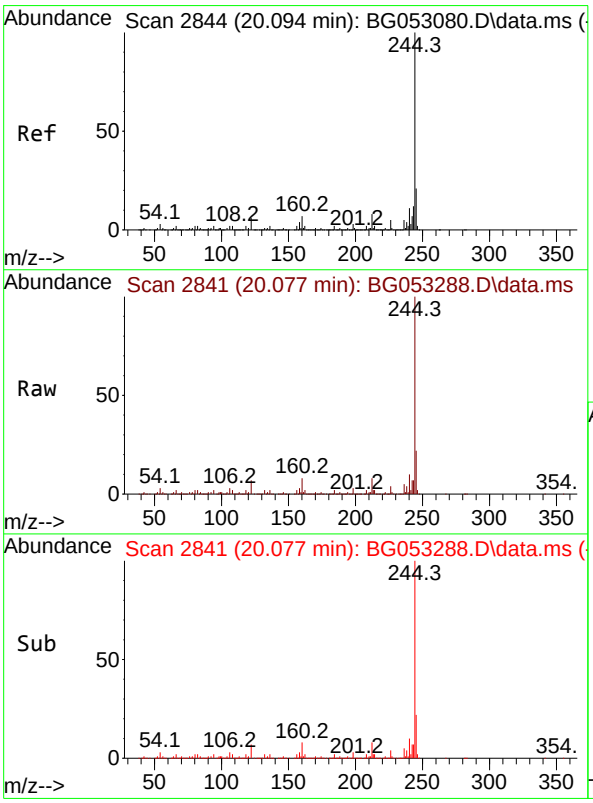
#77
Benzidine
Concen: 3.277 ng
RT: 20.077 min Scan# 2
Delta R.T. 0.373 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:184 Resp: 18840

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.5	17.3
183	6.1	9.4	14.2#

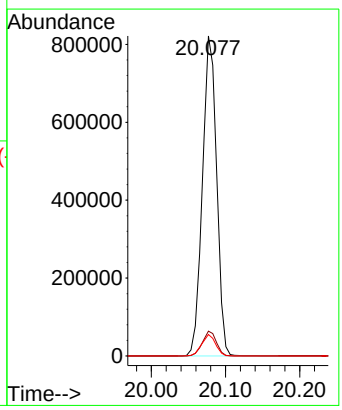


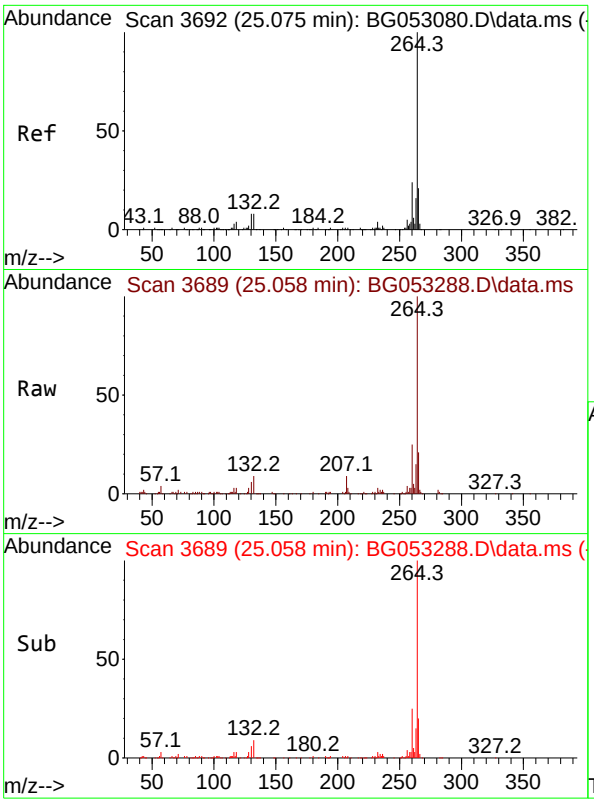


#79
Terphenyl-d14
Concen: 91.713 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Tgt Ion:244 Resp: 1094205

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	6.7	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.058 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG053288.D
Acq: 23 Apr 2022 11:53

Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:264 Resp: 204651

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	20.6	15.1	22.7