Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053282.D
Acq On : 23 Apr 2022 4:38
Operator : CG/JU
Sample : N2487-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Quant Time: Apr 24 01:17:58 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	8.110	152	21962	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	93622	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	75241	20.000	ng	# 0.00
64) Phenanthrene-d10	17.474	188	200256	20.000	ng	0.00
76) Chrysene-d12	21.757	240	208833	20.000	ng	0.00
86) Perylene-d12	25.052	264	215996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	87717	68.465	ng	0.00
7) Phenol-d6	7.264	99	81172	41.084	ng	0.00
23) Nitrobenzene-d5	9.268	82	224491	97.361	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	181641	151.740	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	506055	92.742	ng	0.00
79) Terphenyl-d14	20.077	244	977600	79.062	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.268	70	31231	21.591	ng	# 75
51) 2,6-Dinitrotoluene	14.731	165	10293	8.198	ng	# 24
57) 2,4-Dinitrotoluene	14.731	165	10293	5.759	ng	# 22
67) 4-Bromophenyl-phenylether	16.217	248	12247	4.773	ng	# 1
77) Benzidine	20.077	184	16472	2.765	ng	# 85

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

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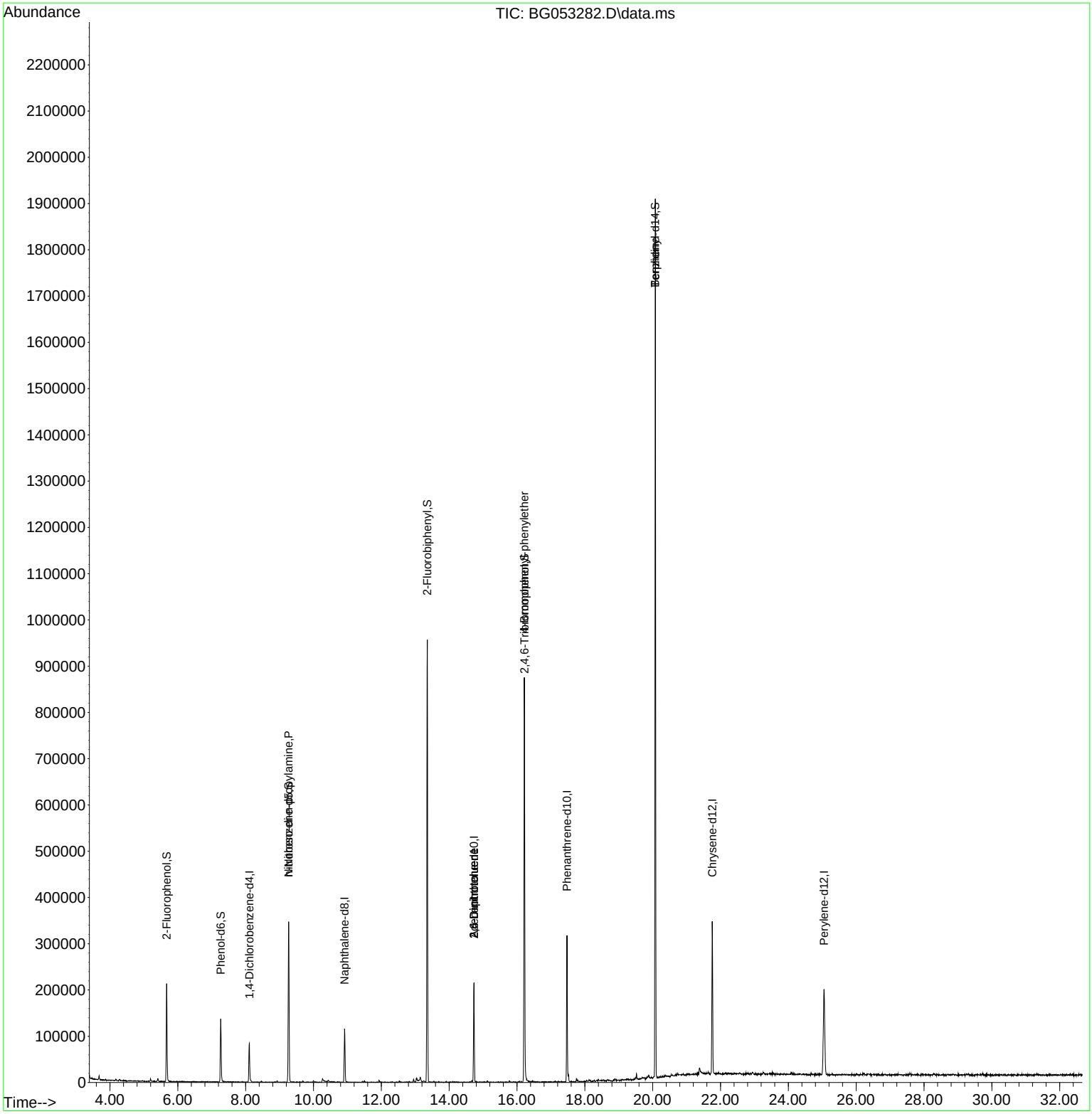
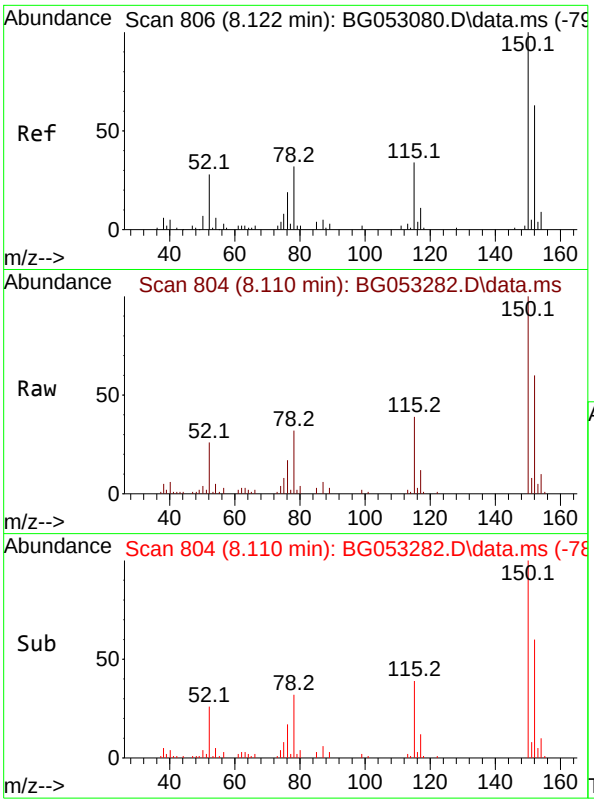


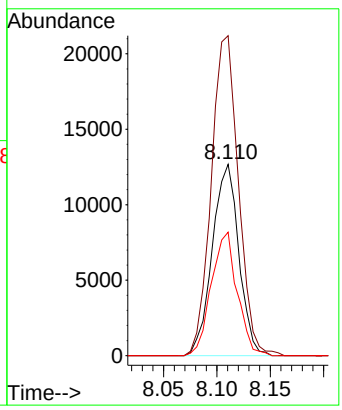


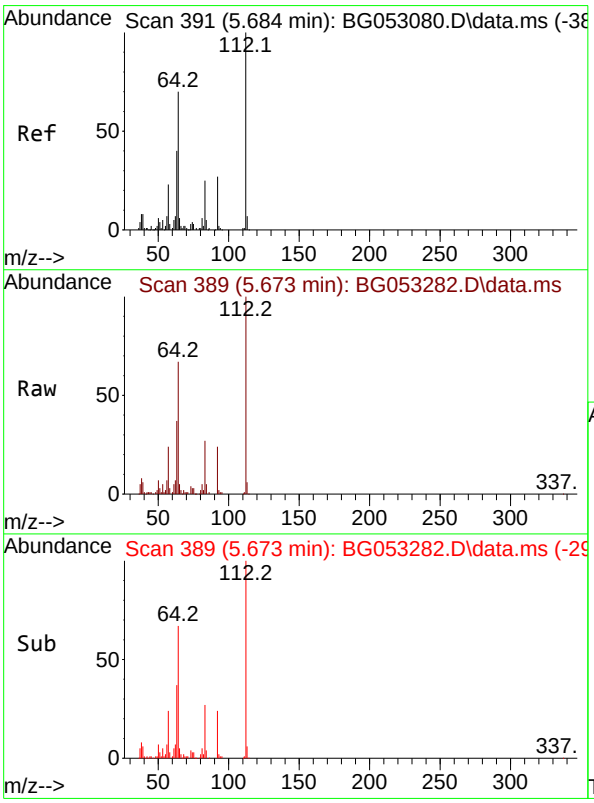
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:152 Resp: 21962

Ion	Ratio	Lower	Upper
152	100		
150	167.2	114.6	172.0
115	64.5	45.9	68.9

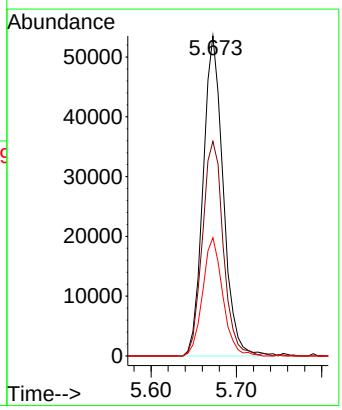


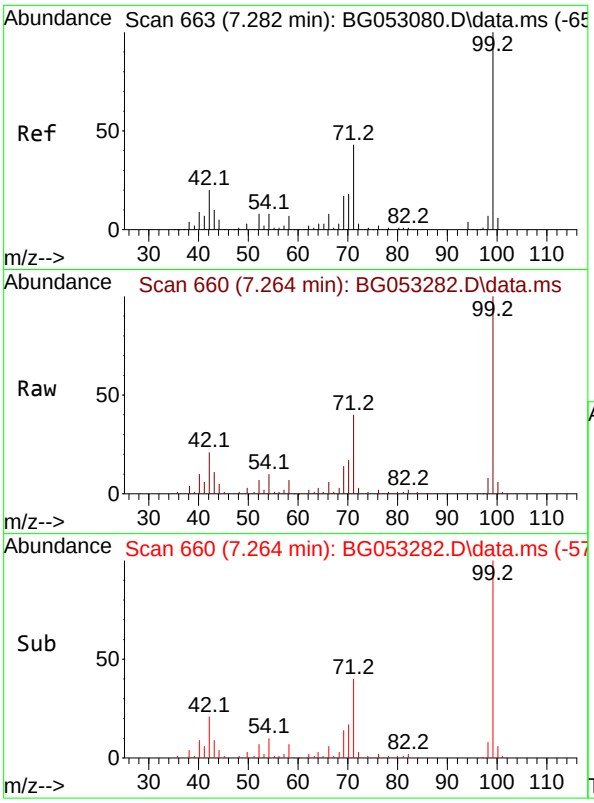


#5
2-Fluorophenol
Concen: 68.465 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:112 Resp: 87717

Ion	Ratio	Lower	Upper
112	100		
64	67.0	48.0	72.0
63	36.9	26.5	39.7



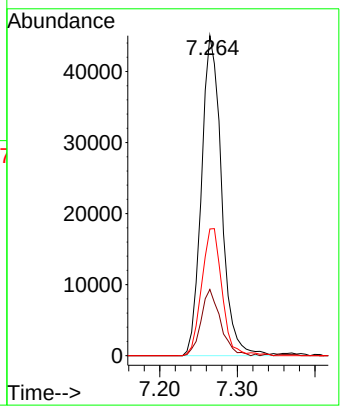


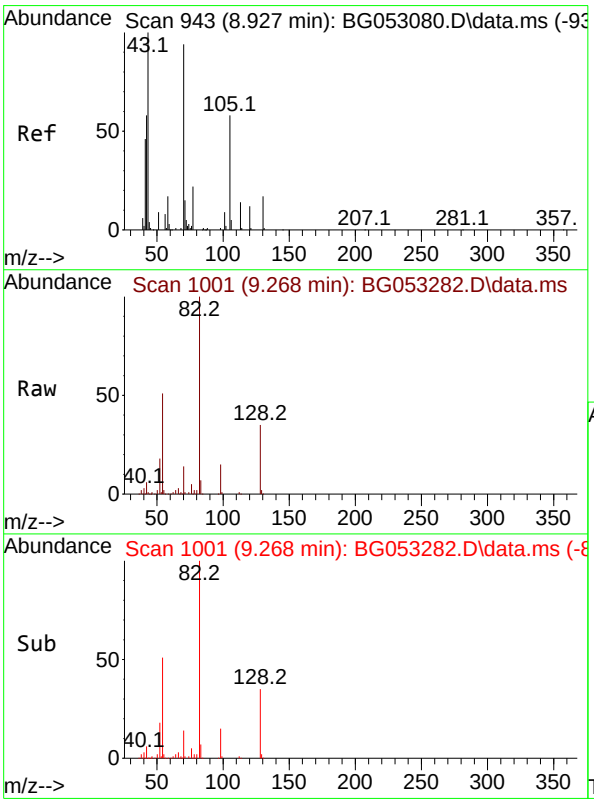
#7
Phenol-d6
Concen: 41.084 ng
RT: 7.264 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion: 99 Resp: 81172

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.7	22.1
71	39.6	29.2	43.8

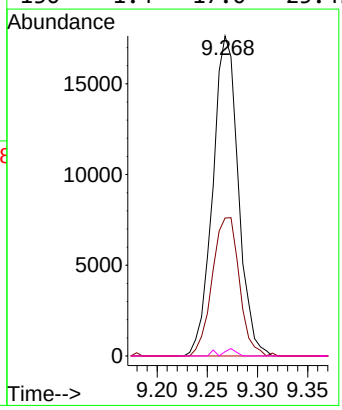


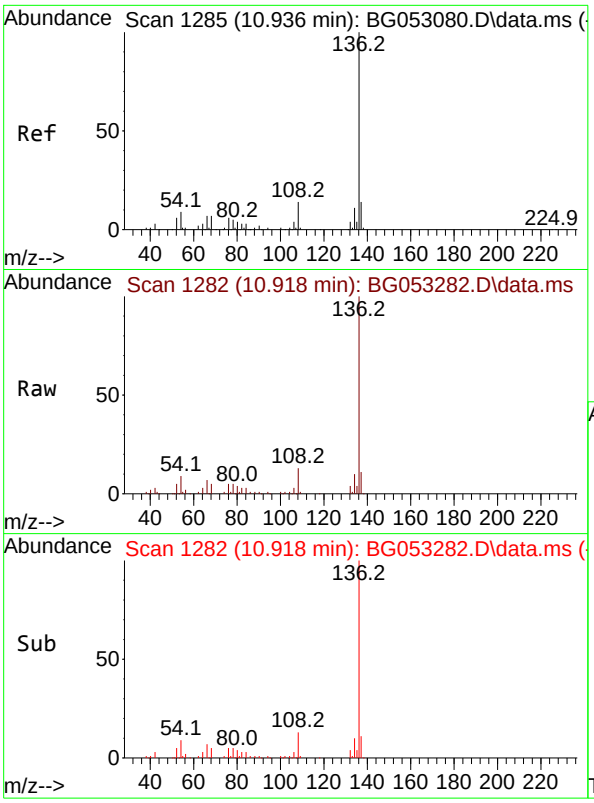


#19
n-Nitroso-di-n-propylamine
Concen: 21.591 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion: 70 Resp: 31231

Ion	Ratio	Lower	Upper
70	100		
42	43.1	46.0	69.0#
101	0.0	6.2	9.4#
130	1.4	17.0	25.4#



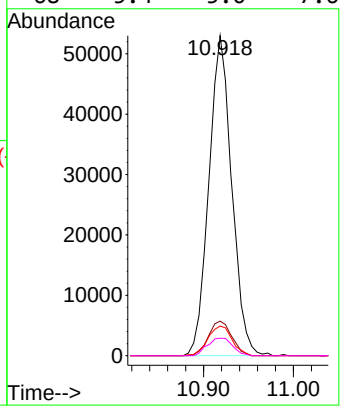


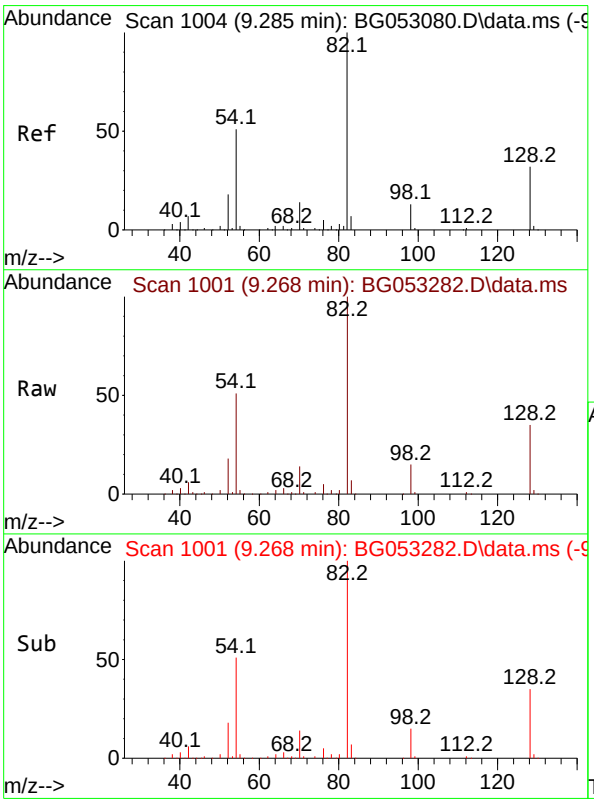
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:136 Resp: 93622

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	9.3	6.4	9.6
68	5.4	5.0	7.6

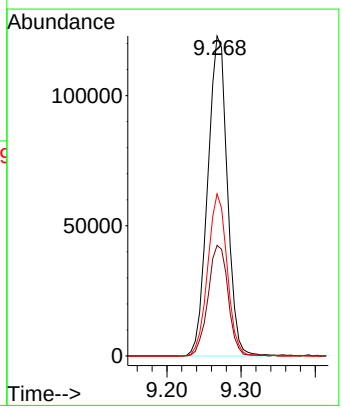


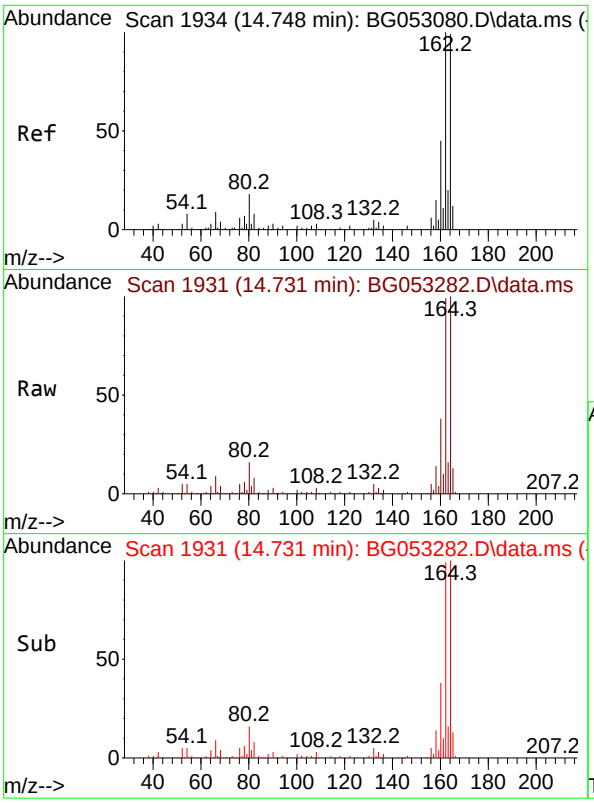


#23
Nitrobenzene-d5
Concen: 97.361 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion: 82 Resp: 224491

Ion	Ratio	Lower	Upper
82	100		
128	34.5	31.3	46.9
54	50.6	37.8	56.8



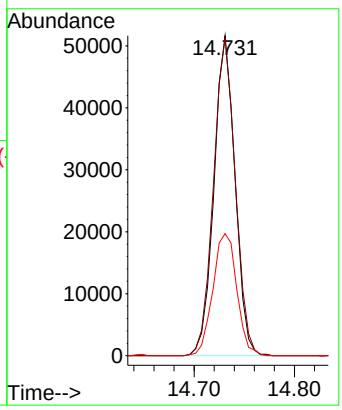


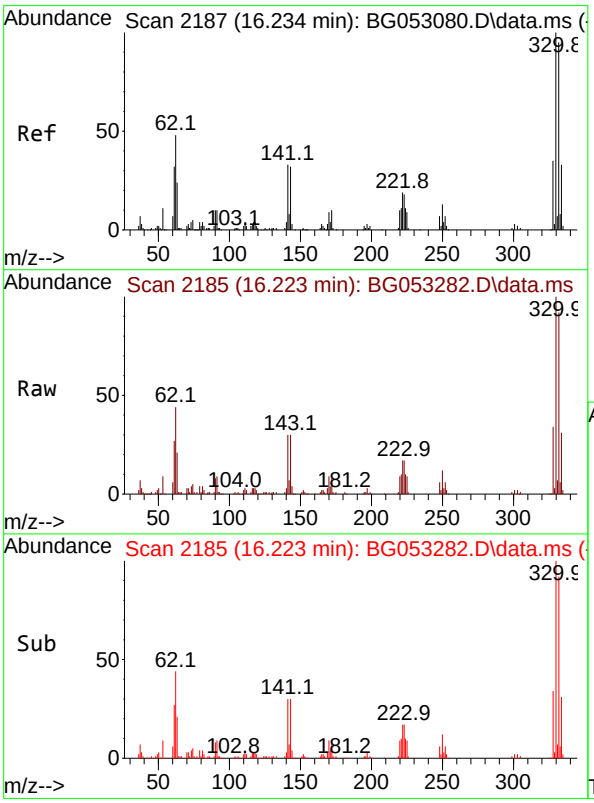
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:164 Resp: 75241

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.0	120.0
160	38.2	38.8	58.2#

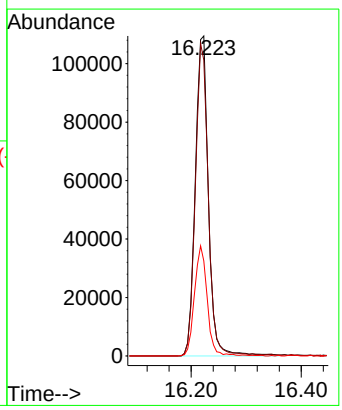


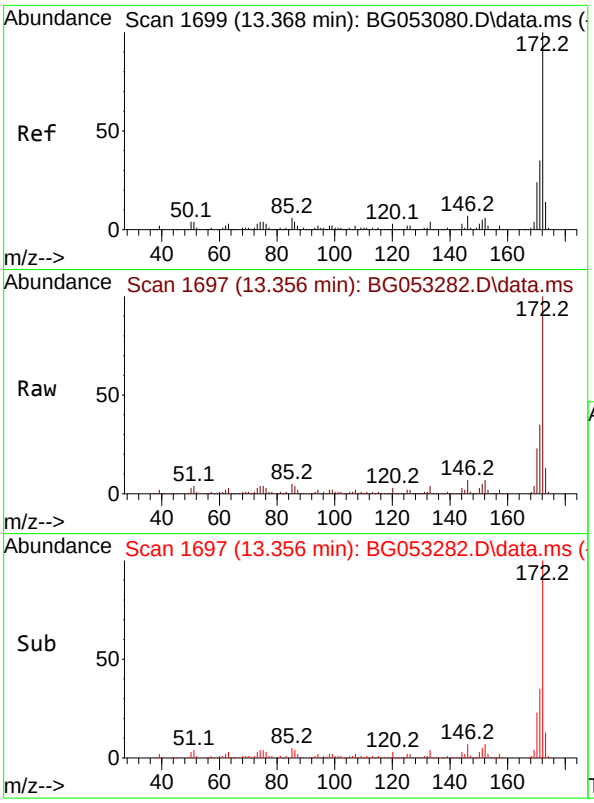


#42
2,4,6-Tribromophenol
Concen: 151.740 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:330 Resp: 181641

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.6
141	33.1	24.6	36.8



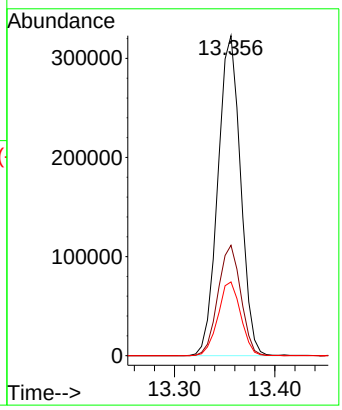


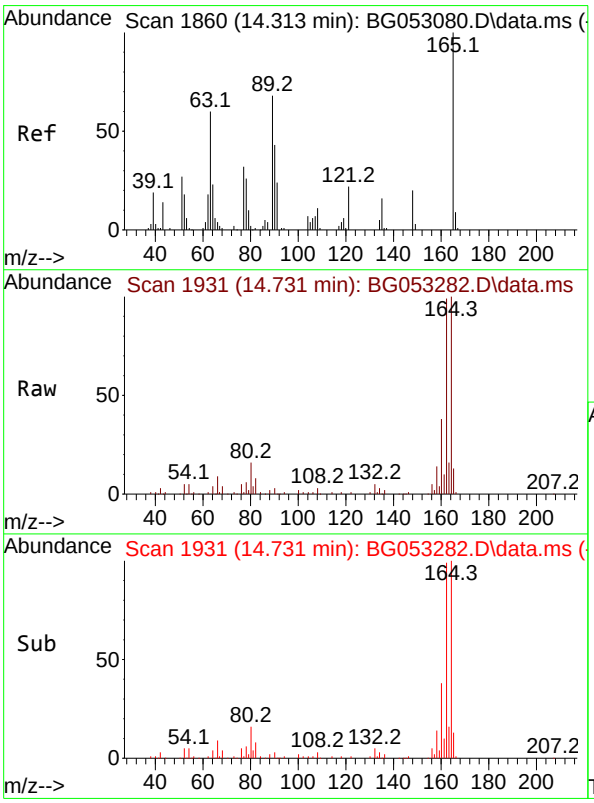
#45
2-Fluorobiphenyl
Concen: 92.742 ng
RT: 13.356 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:172 Resp: 506055

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	23.0	18.0	27.0

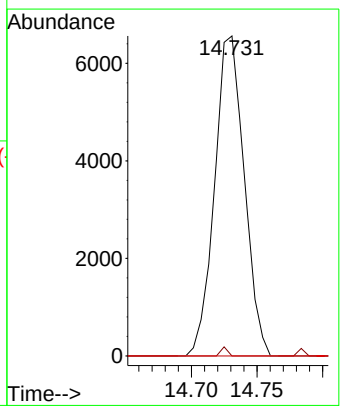


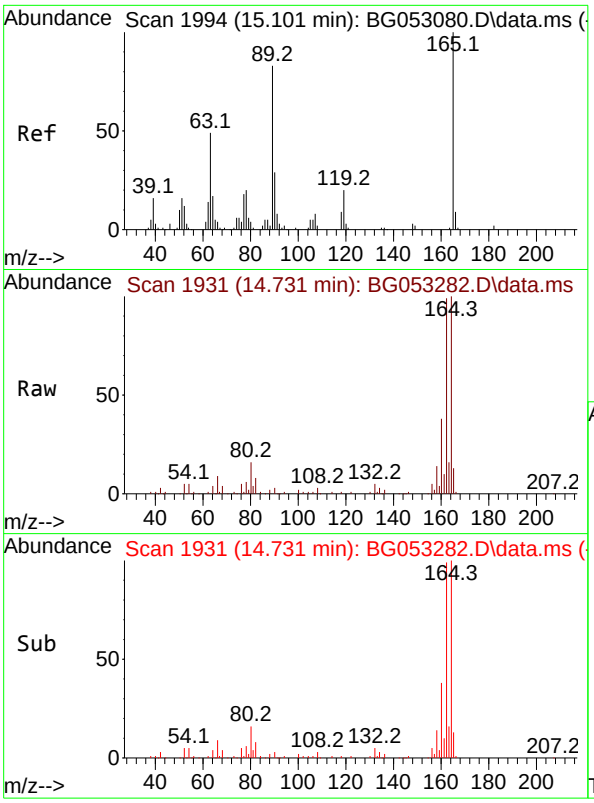


#51
2,6-Dinitrotoluene
Concen: 8.198 ng
RT: 14.731 min Scan# 1931
Delta R.T. 0.426 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:165 Resp: 10293

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



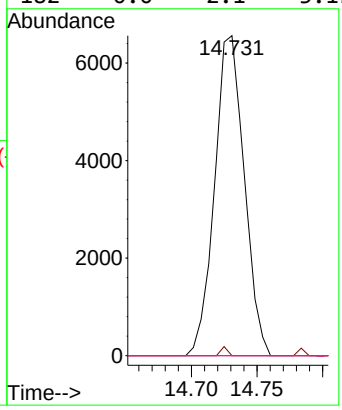


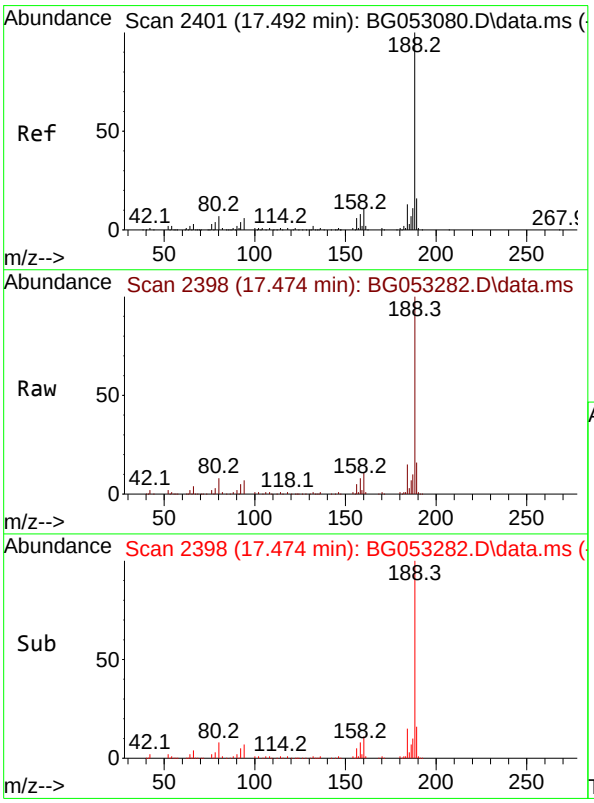
#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 14.731 min Scan# 1
Delta R.T. -0.361 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:165 Resp: 10293

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#

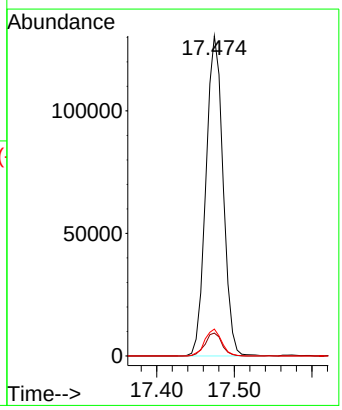


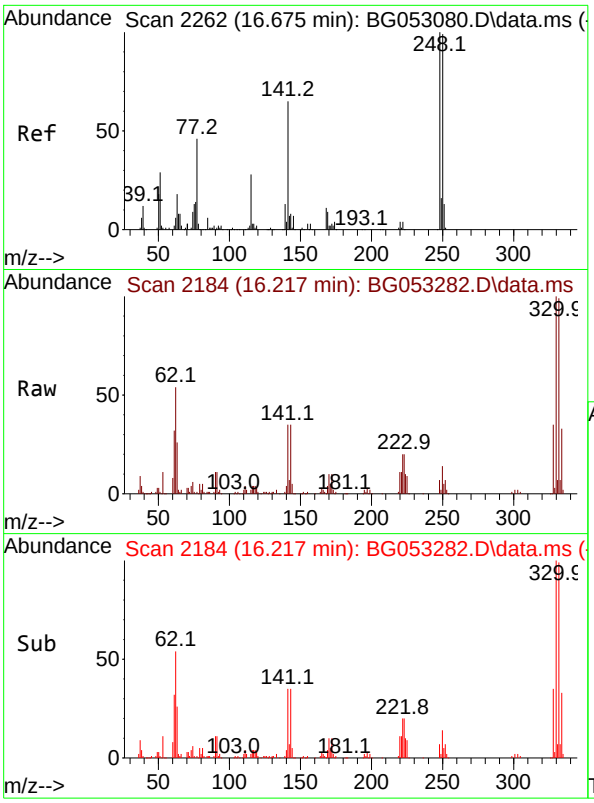


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:188 Resp: 200256

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	8.4	7.2	10.8



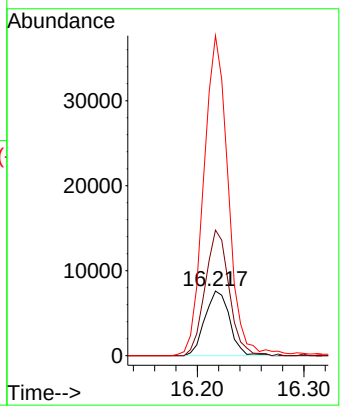


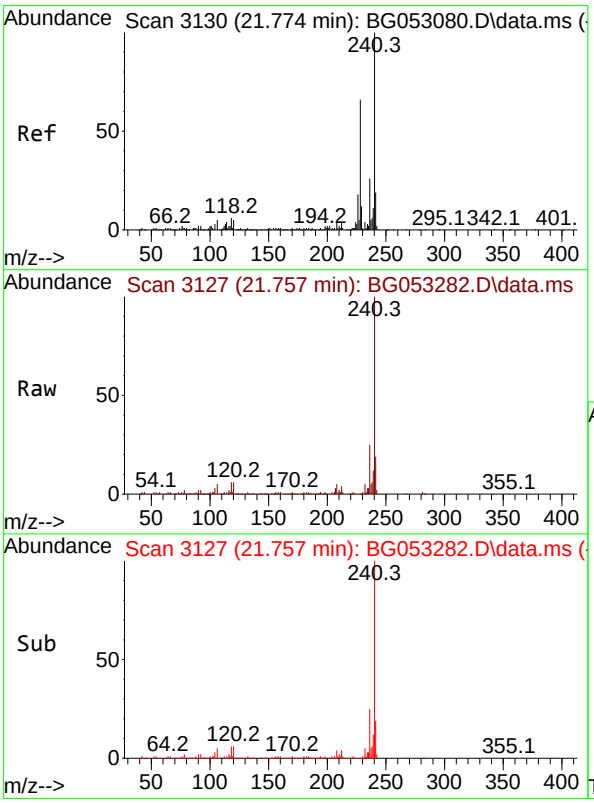
#67
4-Bromophenyl-phenylether
Concen: 4.773 ng
RT: 16.217 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:248 Resp: 12247

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.9	116.9#
141	494.8	49.2	73.8#

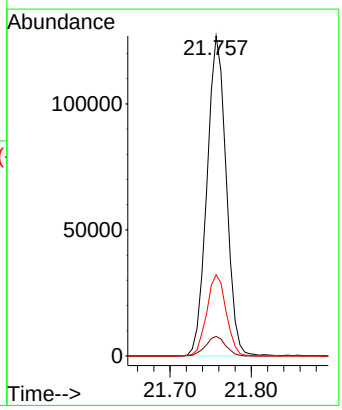


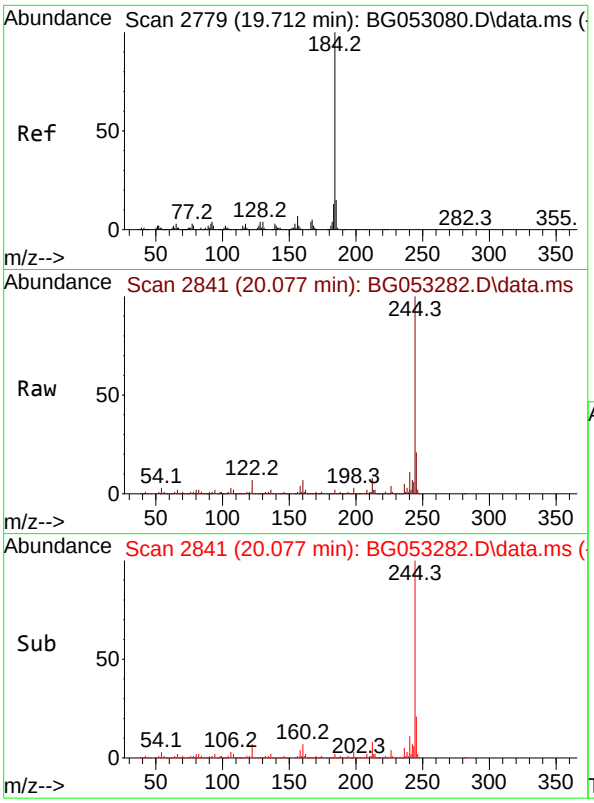


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:240 Resp: 208833

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.4	8.0
236	25.4	19.8	29.6



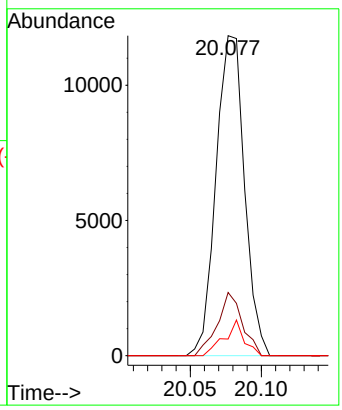


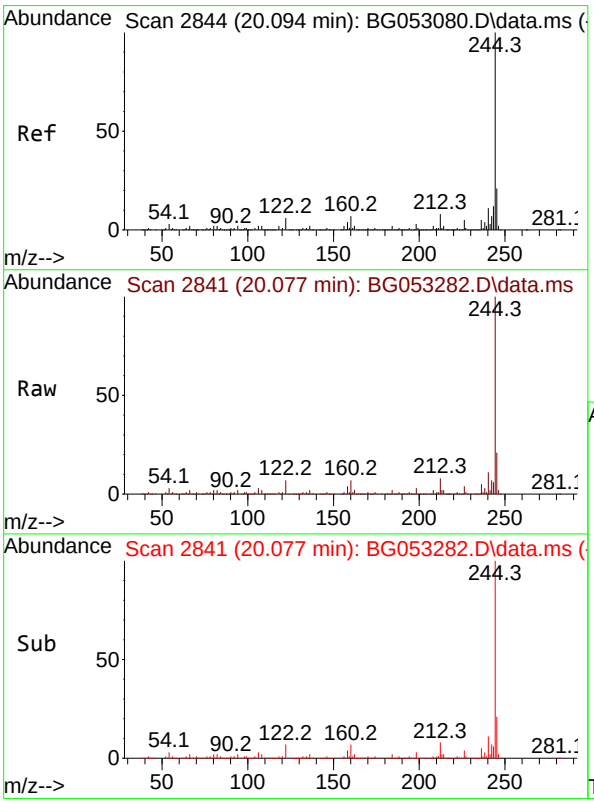
#77
Benzidine
Concen: 2.765 ng
RT: 20.077 min Scan# 2
Delta R.T. 0.373 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:184 Resp: 16472

Ion	Ratio	Lower	Upper
184	100		
185	19.8	11.5	17.3#
183	5.2	9.4	14.2#

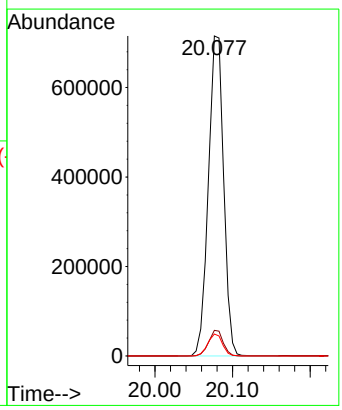


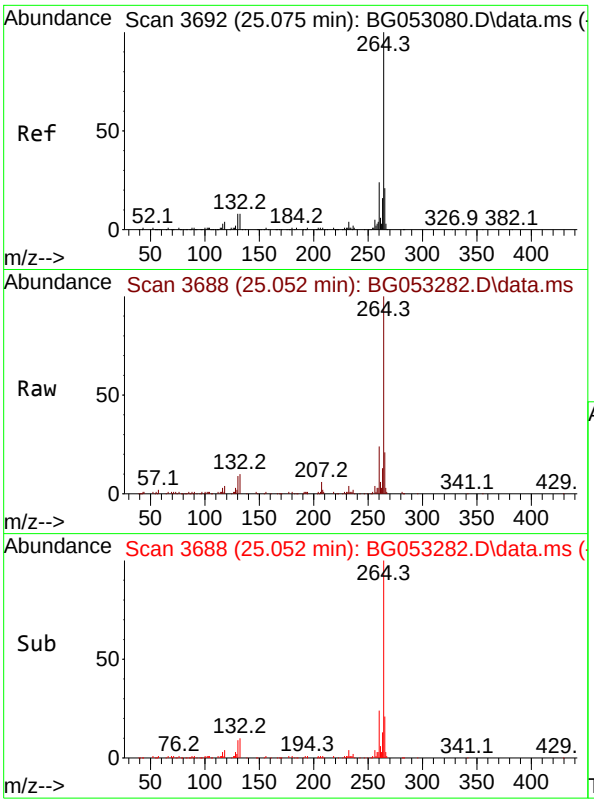


#79
Terphenyl-d14
Concen: 79.062 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:244 Resp: 977600

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.2
122	6.9	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.052 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:264 Resp: 215996

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	20.8	15.1	22.7