Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053272.D
Acq On : 22 Apr 2022 22:13
Operator : CG/JU
Sample : N2487-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Quant Time: Apr 24 01:16:38 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	23565	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	96785	20.000	ng	0.00
39) Acenaphthene-d10	14.730	164	76343	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	208058	20.000	ng	0.00
76) Chrysene-d12	21.756	240	214533	20.000	ng	0.00
86) Perylene-d12	25.052	264	214916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	92443	67.246	ng	0.00
7) Phenol-d6	7.270	99	81397	38.396	ng	0.00
23) Nitrobenzene-d5	9.267	82	246796	103.536	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	211576	174.196	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	566538	102.328	ng	0.00
79) Terphenyl-d14	20.082	244	1145702	90.195	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.267	70	35091	22.610	ng	# 70
51) 2,6-Dinitrotoluene	14.730	165	9930	7.795	ng	# 27
57) 2,4-Dinitrotoluene	14.730	165	9930	5.475	ng	# 26
67) 4-Bromophenyl-phenylether	16.222	248	13430	5.038	ng	# 1
77) Benzidine	20.082	184	19814	3.237	ng	# 94

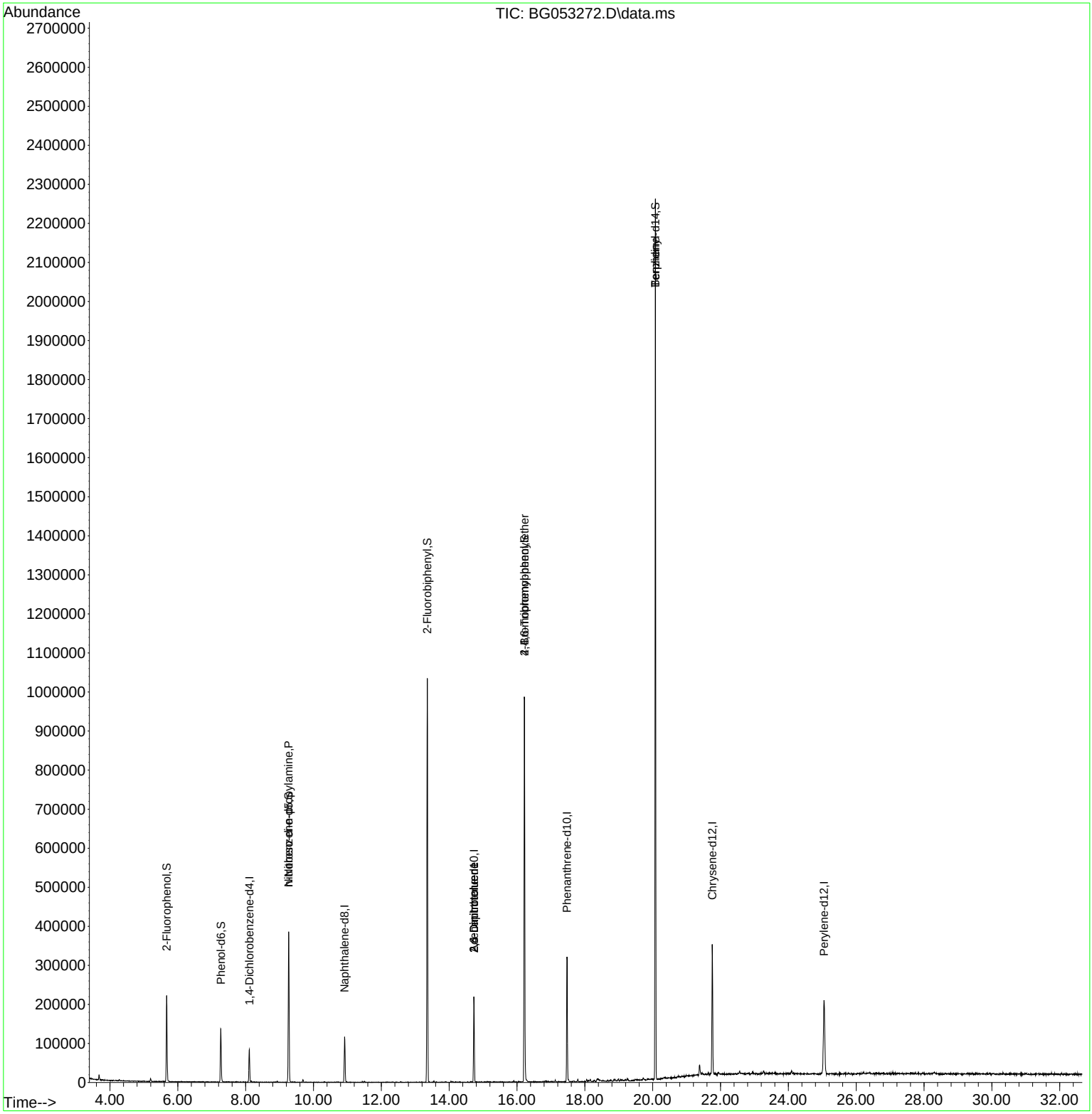
(#) = qualifier out of range (m) = manual integration (+) = signals summed

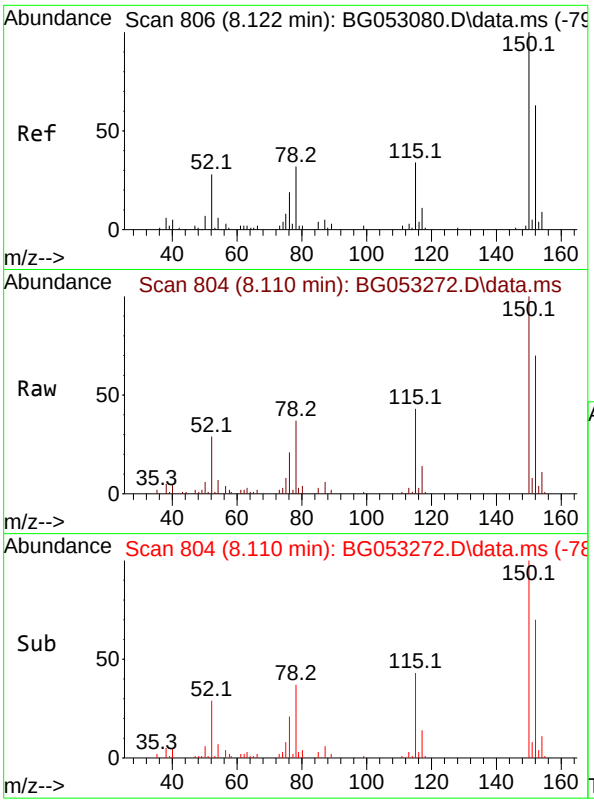
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053272.D
Acq On : 22 Apr 2022 22:13
Operator : CG/JU
Sample : N2487-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Quant Time: Apr 24 01:16:38 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



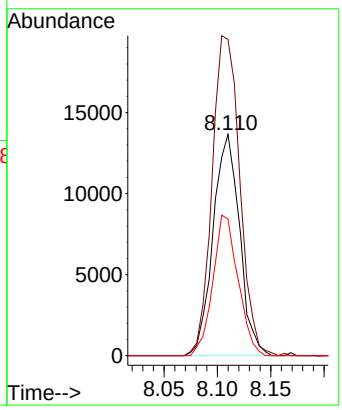


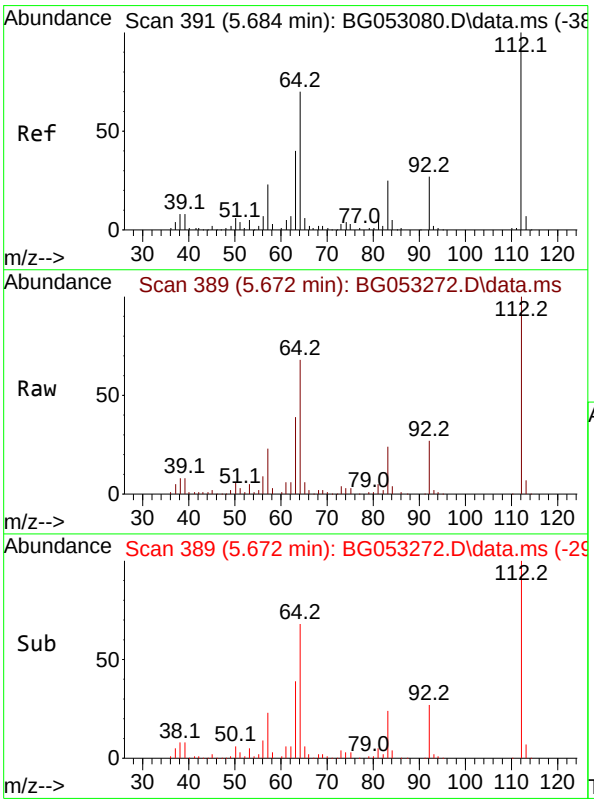
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 8(
Delta R.T. -0.003 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:152 Resp: 23565

Ion	Ratio	Lower	Upper
152	100		
150	143.0	114.6	172.0
115	61.8	45.9	68.9

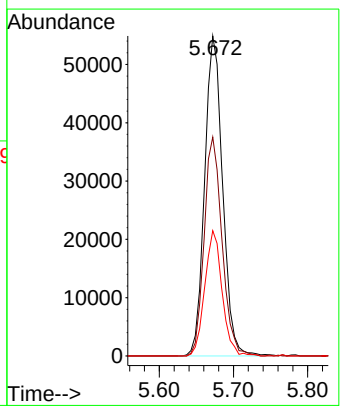


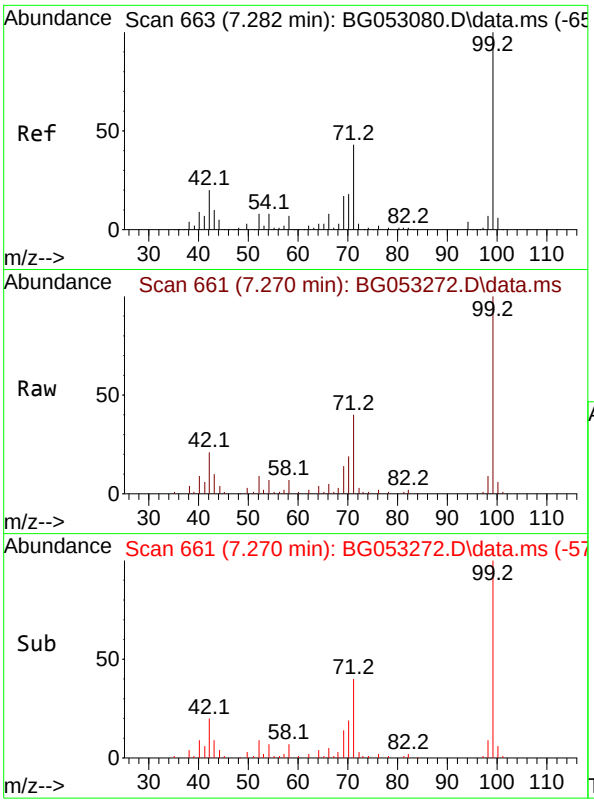


#5
2-Fluorophenol
Concen: 67.246 ng
RT: 5.672 min Scan# 389
Delta R.T. -0.004 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion:112 Resp: 92443

Ion	Ratio	Lower	Upper
112	100		
64	68.4	48.0	72.0
63	39.2	26.5	39.7



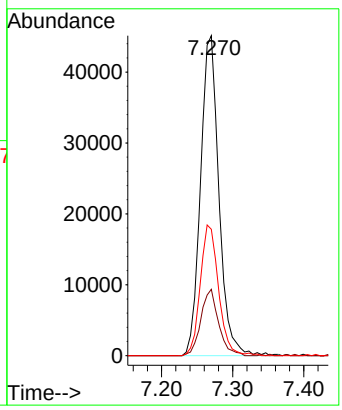


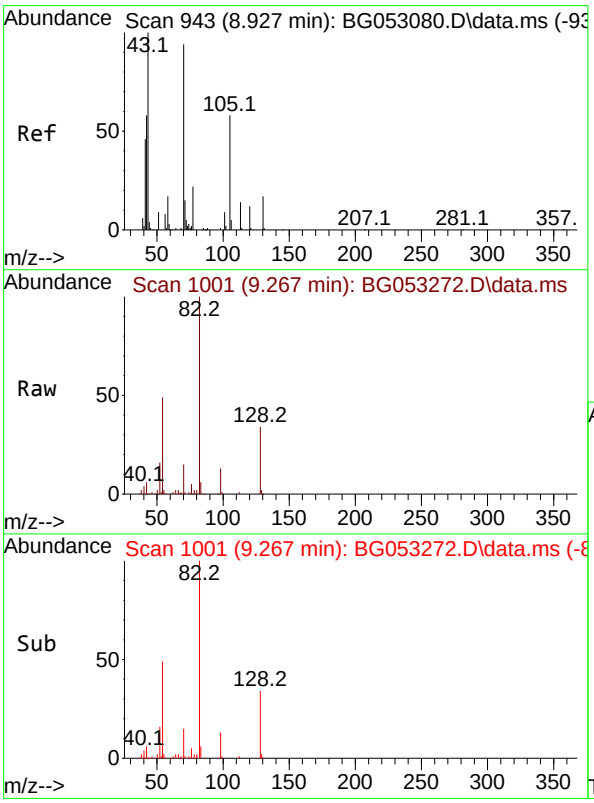
#7
Phenol-d6
Concen: 38.396 ng
RT: 7.270 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion: 99 Resp: 81397

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.7	22.1
71	39.5	29.2	43.8

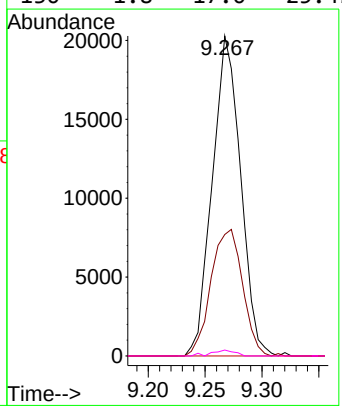


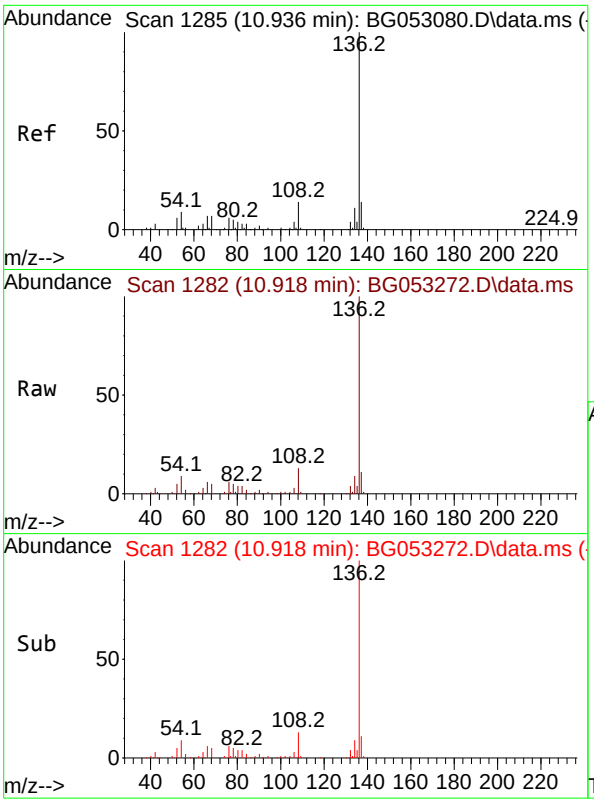


#19
n-Nitroso-di-n-propylamine
Concen: 22.610 ng
RT: 9.267 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion: 70 Resp: 35091

Ion	Ratio	Lower	Upper
70	100		
42	38.0	46.0	69.0#
101	0.0	6.2	9.4#
130	1.8	17.0	25.4#



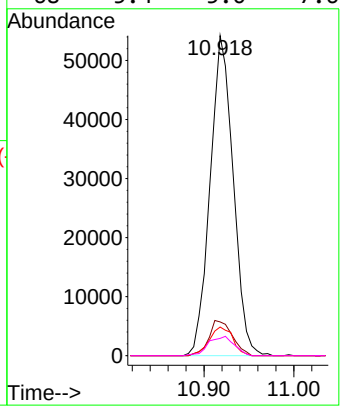


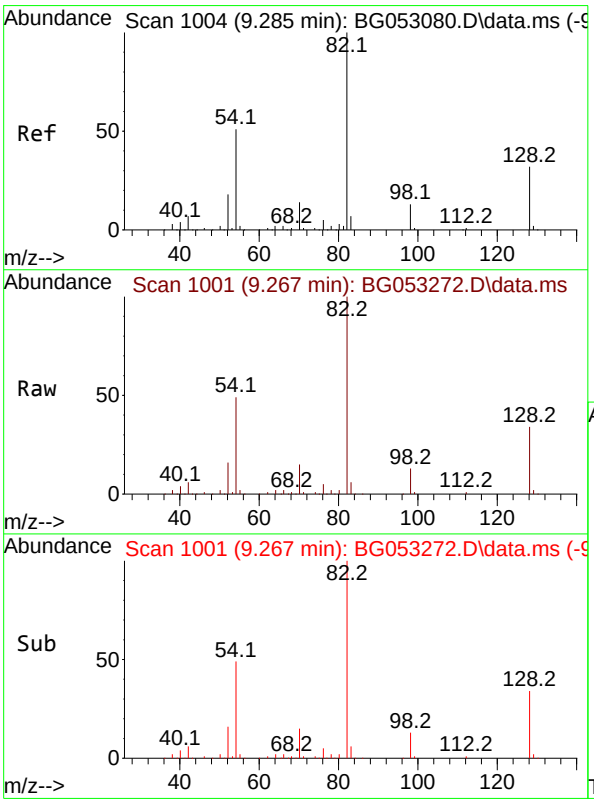
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:136 Resp: 96785

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.2
54	8.9	6.4	9.6
68	5.4	5.0	7.6

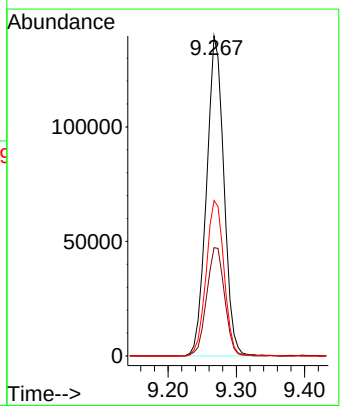


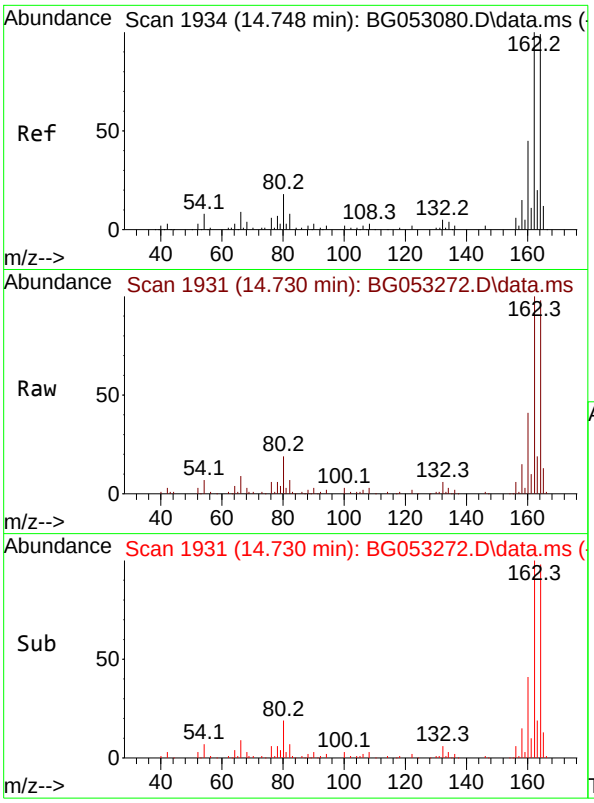


#23
Nitrobenzene-d5
Concen: 103.536 ng
RT: 9.267 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion: 82 Resp: 246796

Ion	Ratio	Lower	Upper
82	100		
128	33.9	31.3	46.9
54	48.6	37.8	56.8



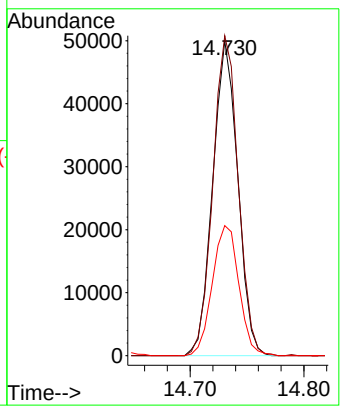


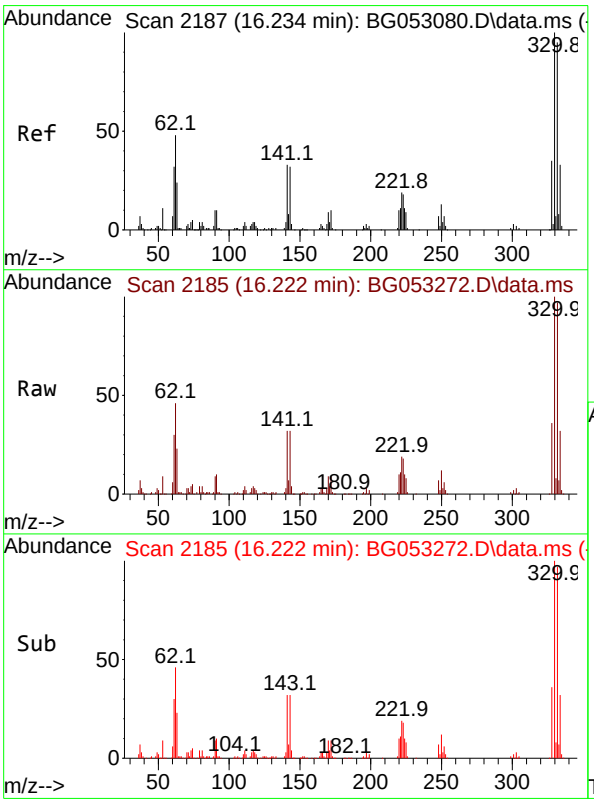
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.730 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:164 Resp: 76343

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.0	120.0
160	41.3	38.8	58.2

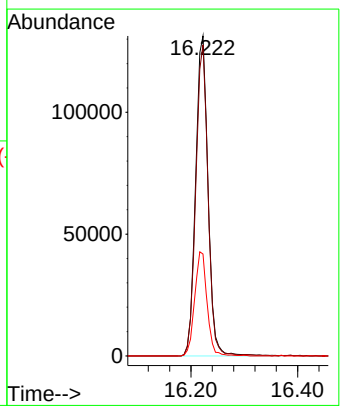


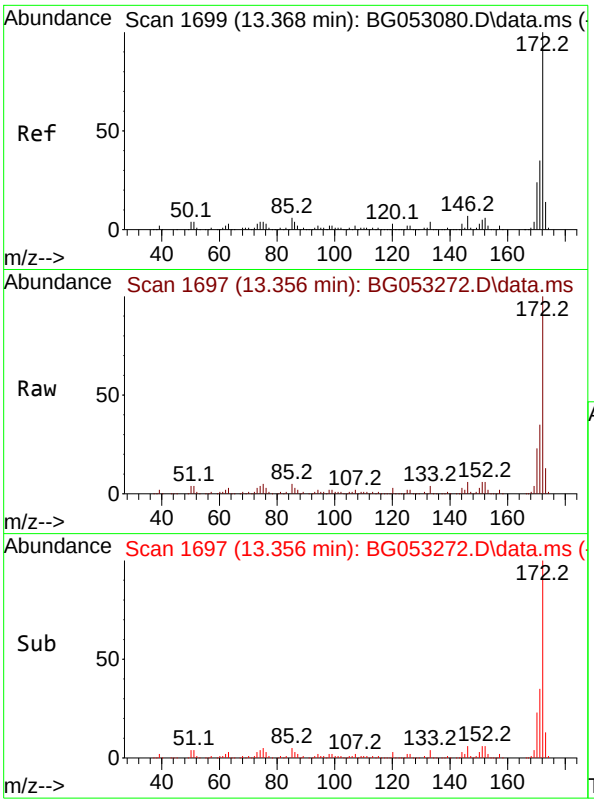


#42
2,4,6-Tribromophenol
Concen: 174.196 ng
RT: 16.222 min Scan# 2185
Delta R.T. -0.004 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion:330 Resp: 211576

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.8	113.6
141	32.6	24.6	36.8



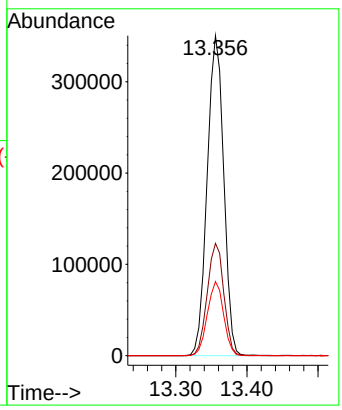


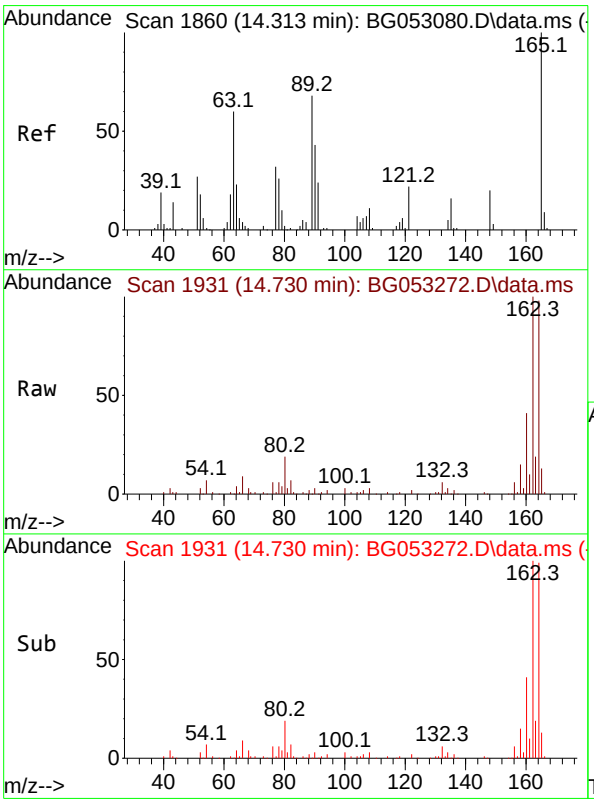
#45
2-Fluorobiphenyl
Concen: 102.328 ng
RT: 13.356 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:172 Resp: 566538

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.2	18.0	27.0

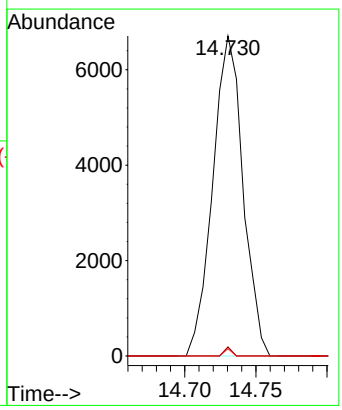


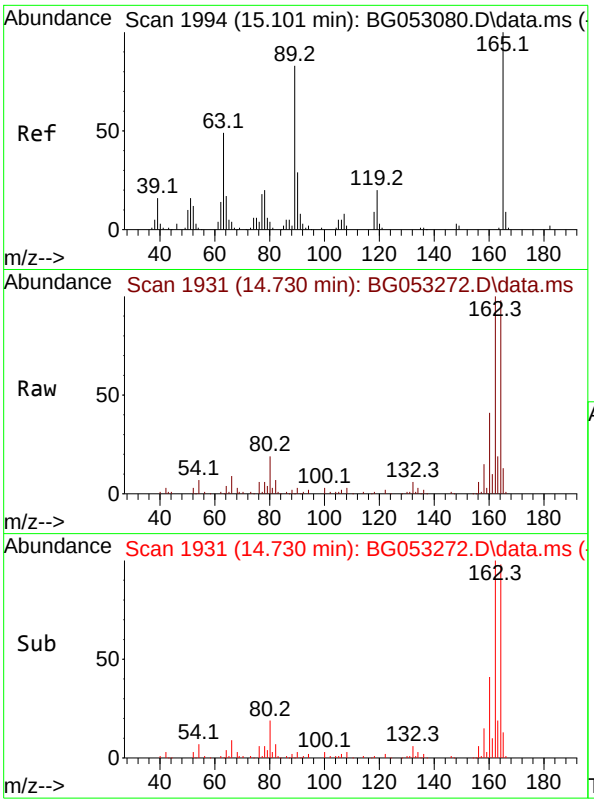


#51
2,6-Dinitrotoluene
Concen: 7.795 ng
RT: 14.730 min Scan# 1931
Delta R.T. 0.425 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion:165 Resp: 9930

Ion	Ratio	Lower	Upper
165	100		
63	2.8	43.7	65.5#
89	2.3	45.0	67.4#



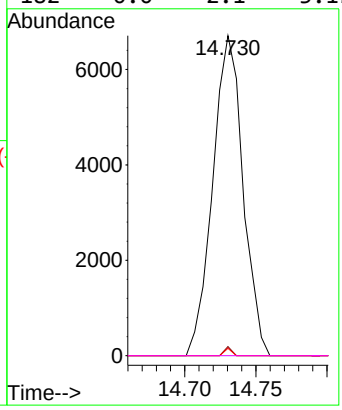


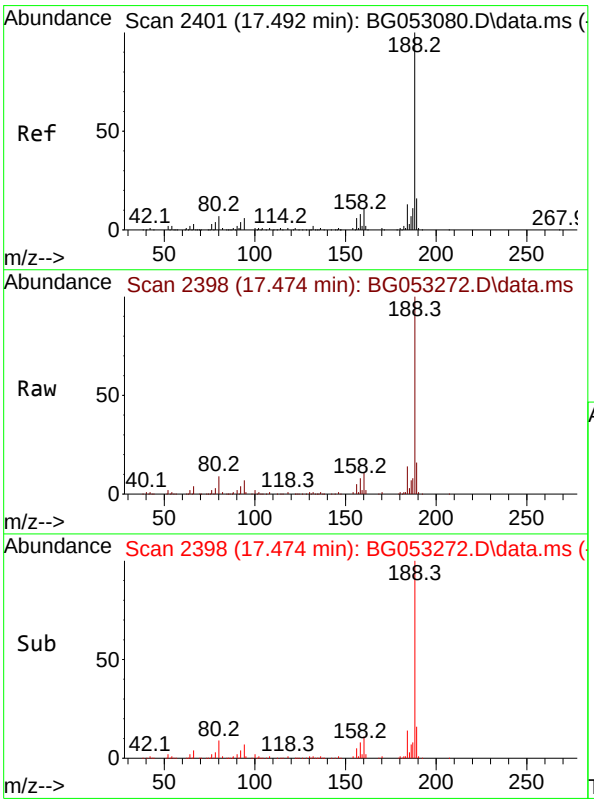
#57
2,4-Dinitrotoluene
Concen: 5.475 ng
RT: 14.730 min Scan# 1
Delta R.T. -0.362 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:165 Resp: 9930

Ion	Ratio	Lower	Upper
165	100		
63	2.8	34.8	52.2#
89	2.3	57.4	86.0#
182	0.0	2.1	3.1#

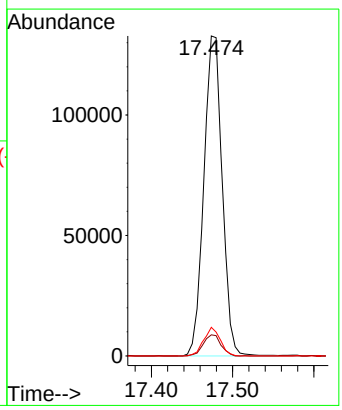


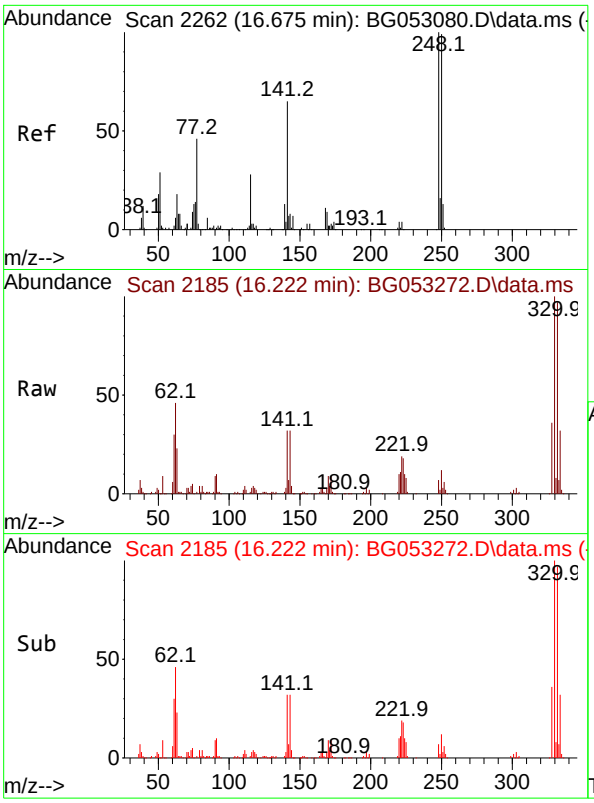


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion:188 Resp: 208058

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	8.9	7.2	10.8



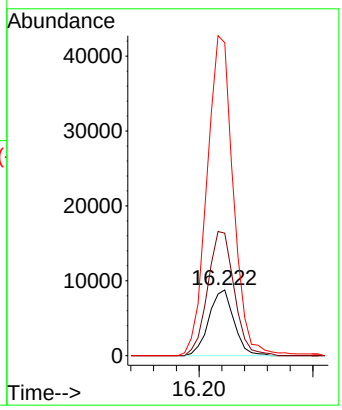


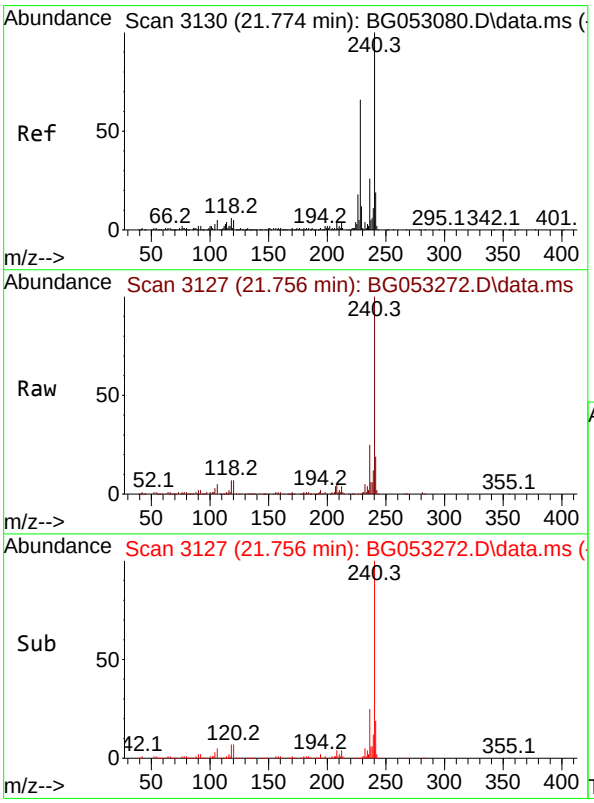
#67
4-Bromophenyl-phenylether
Concen: 5.038 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:248 Resp: 13430

Ion	Ratio	Lower	Upper
248	100		
250	186.3	77.9	116.9#
141	475.5	49.2	73.8#

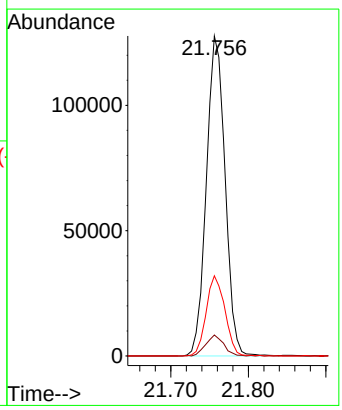


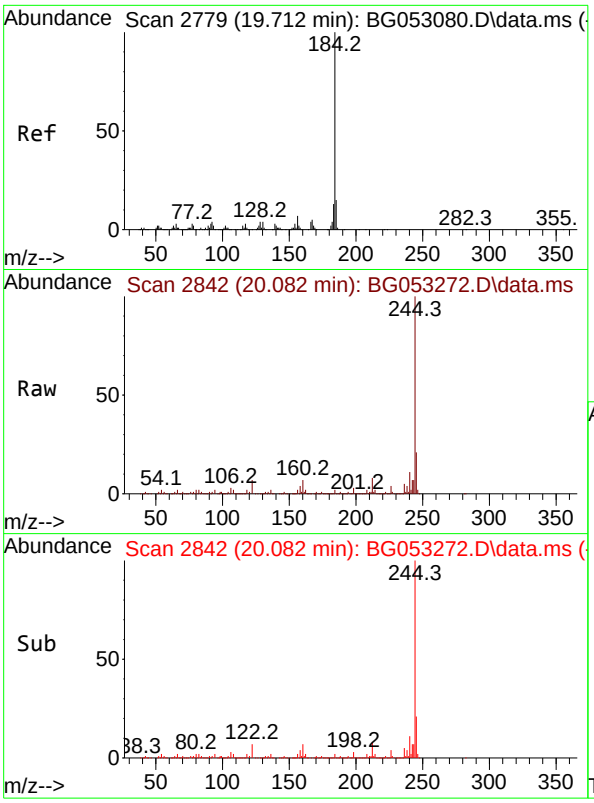


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion:240 Resp: 214533

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.0
236	25.1	19.8	29.6



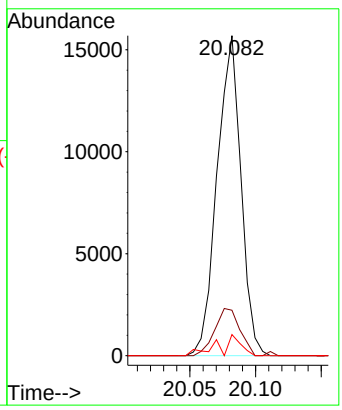


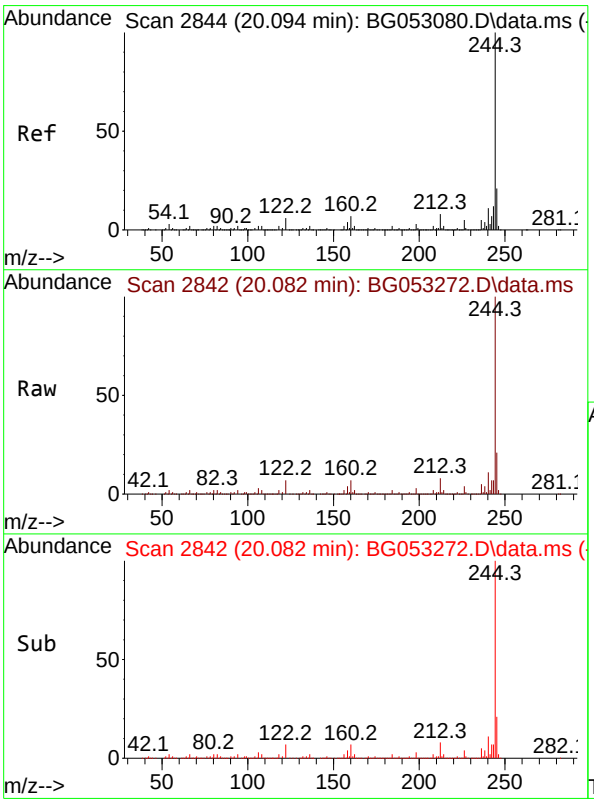
#77
Benzidine
Concen: 3.237 ng
RT: 20.082 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:184 Resp: 19814

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	6.6	9.4	14.2#

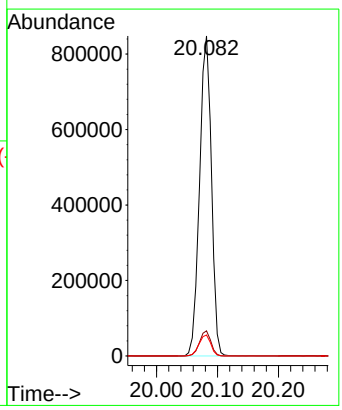


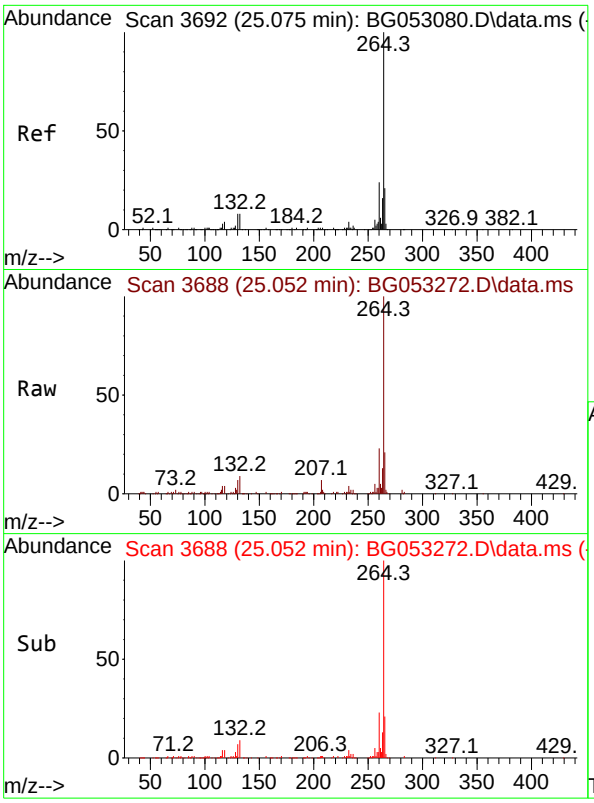


#79
Terphenyl-d14
Concen: 90.195 ng
RT: 20.082 min Scan# 2842
Delta R.T. -0.004 min
Lab File: BG053272.D
Acq: 22 Apr 2022 22:13

Tgt Ion:244 Resp: 1145702

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	6.6	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: BG053272.D
Acq: 22 Apr 2022 22:13

Instrument :
BNA_G
ClientSampleId :
UST-1-W

Tgt Ion:264 Resp: 214916

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.4	15.1	22.7