Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
Data File : BG052650.D
Acq On : 11 Mar 2022 16:58
Operator : CG/JU
Sample : N1854-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Quant Time: Mar 12 06:16:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	32871	20.000	ng	0.00
21) Naphthalene-d8	11.008	136	133984	20.000	ng	# 0.00
39) Acenaphthene-d10	14.820	164	95051	20.000	ng	0.00
64) Phenanthrene-d10	17.569	188	203695	20.000	ng	0.00
76) Chrysene-d12	21.881	240	161314	20.000	ng	0.00
86) Perylene-d12	25.312	264	170195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	186610	98.073	ng	0.00
7) Phenol-d6	7.319	99	263530	95.694	ng	0.00
23) Nitrobenzene-d5	9.345	82	173118	58.573	ng	0.00
42) 2,4,6-Tribromophenol	16.312	330	122876	91.149	ng	0.00
45) 2-Fluorobiphenyl	13.440	172	413602	58.733	ng	0.00
79) Terphenyl-d14	20.172	244	573499	62.911	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.339	70	22824	12.247	ng	# 76
51) 2,6-Dinitrotoluene	14.820	165	12762	8.087	ng	# 24
57) 2,4-Dinitrotoluene	14.820	165	12762	5.746	ng	# 22
67) 4-Bromophenyl-phenylether	16.312	248	7502	2.975	ng	# 1
77) Benzidine	20.166	184	8333	2.490	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
Data File : BG052650.D
Acq On : 11 Mar 2022 16:58
Operator : CG/JU
Sample : N1854-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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MB-B2-030922-4-6

Quant Time: Mar 12 06:16:40 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
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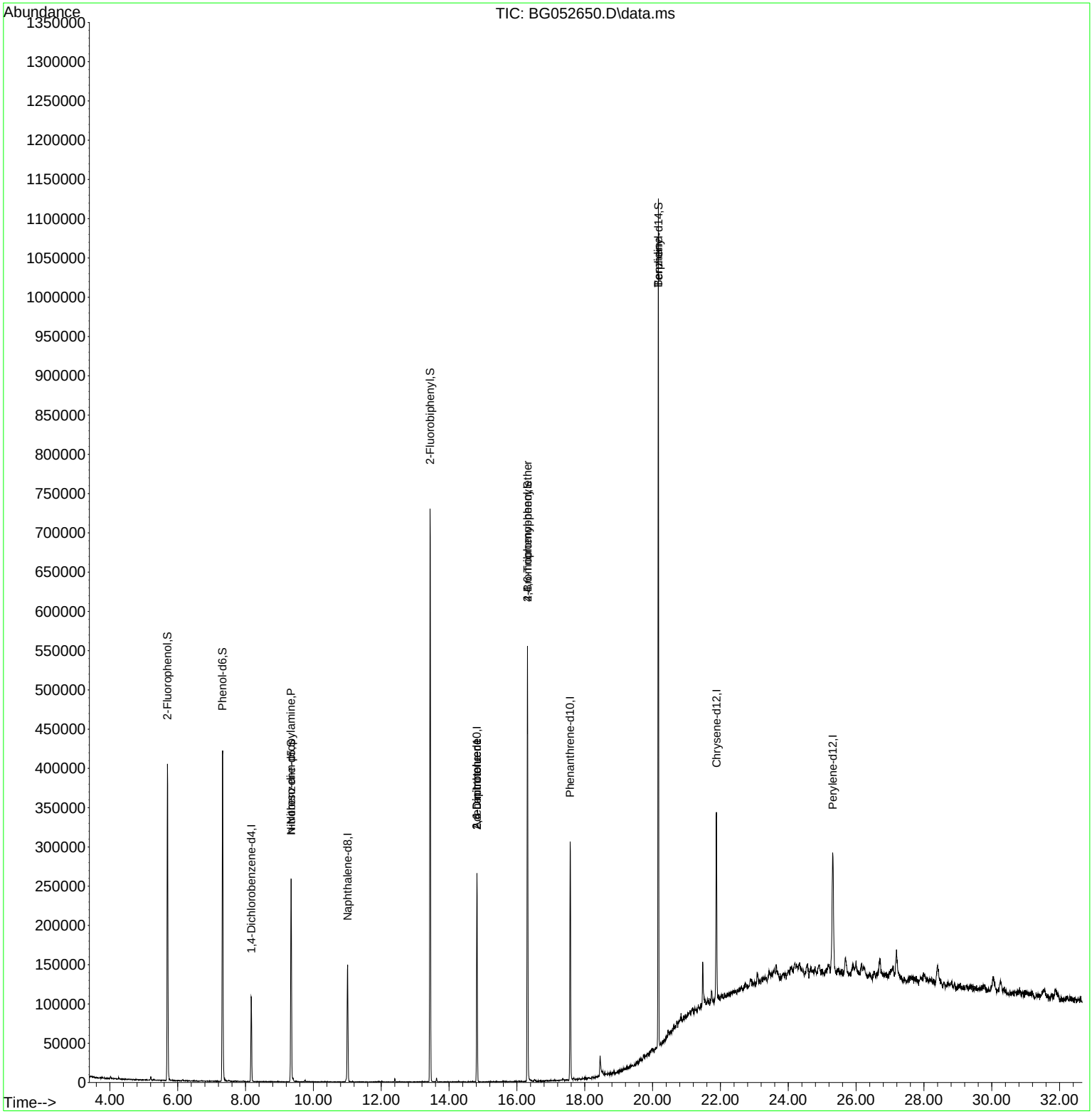
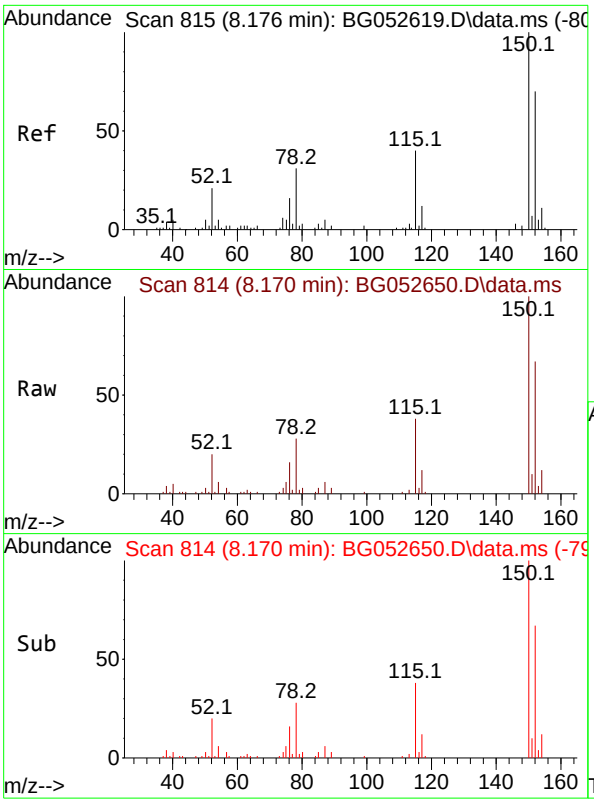


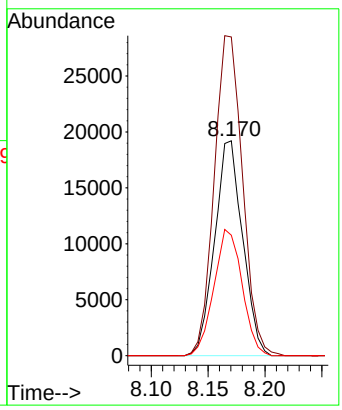


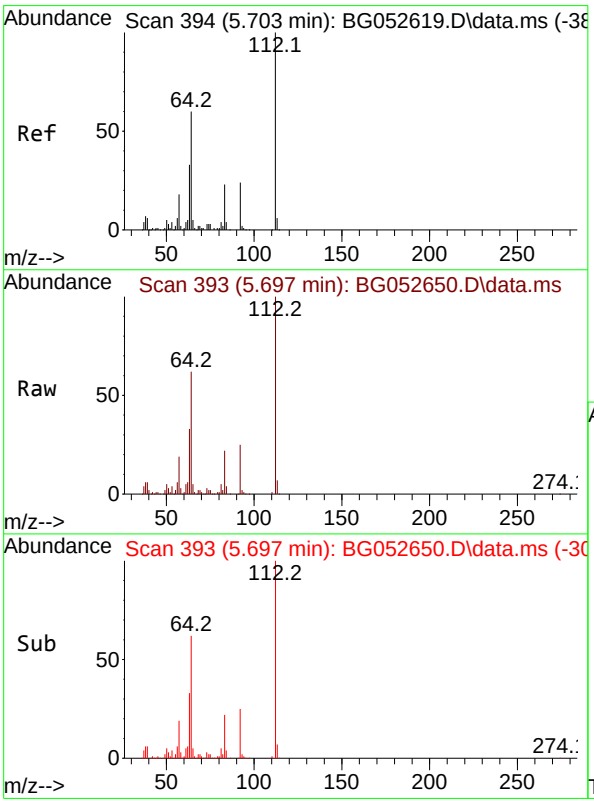
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:152 Resp: 32871

Ion	Ratio	Lower	Upper
152	100		
150	148.3	114.6	172.0
115	56.1	45.9	68.9

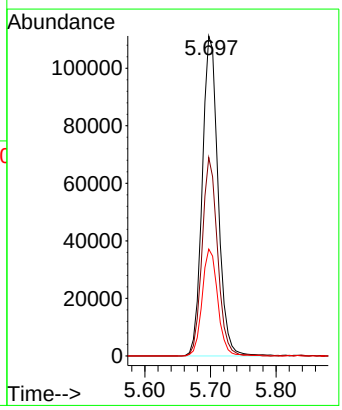


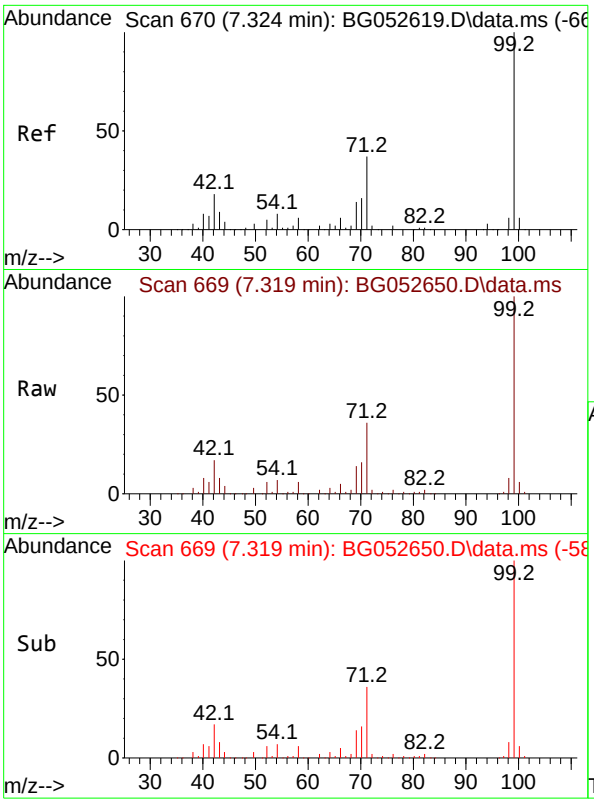


#5
2-Fluorophenol
Concen: 98.073 ng
RT: 5.697 min Scan# 393
Delta R.T. -0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion:112 Resp: 186610

Ion	Ratio	Lower	Upper
112	100		
64	62.0	48.0	72.0
63	33.4	26.5	39.7



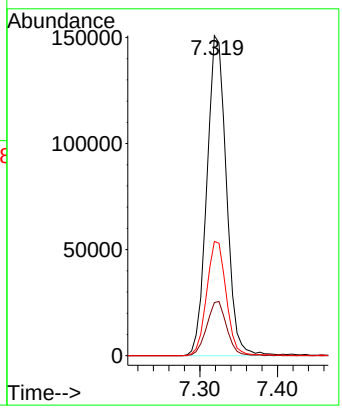


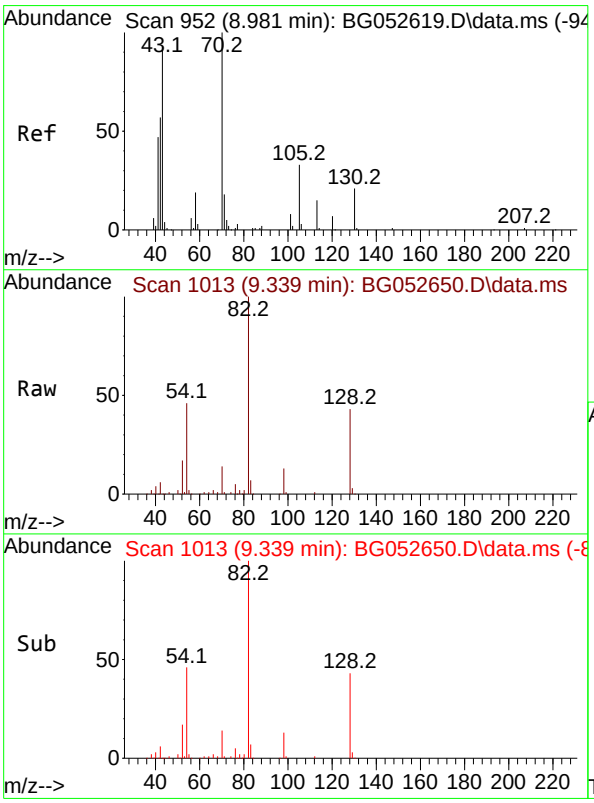
#7
Phenol-d6
Concen: 95.694 ng
RT: 7.319 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion: 99 Resp: 263530

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.7	22.1
71	35.7	29.2	43.8

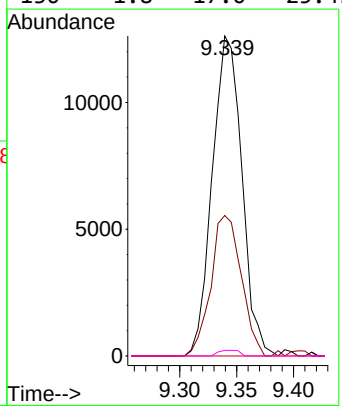


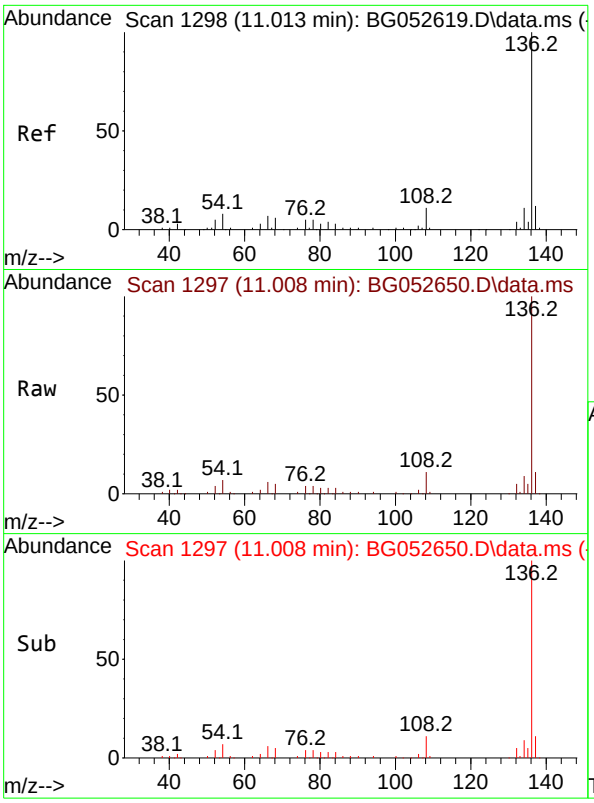


#19
n-Nitroso-di-n-propylamine
Concen: 12.247 ng
RT: 9.339 min Scan# 1013
Delta R.T. 0.359 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion: 70 Resp: 22824

Ion	Ratio	Lower	Upper
70	100		
42	43.9	46.0	69.0#
101	0.0	6.2	9.4#
130	1.8	17.0	25.4#



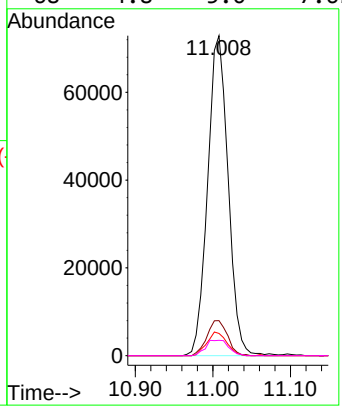


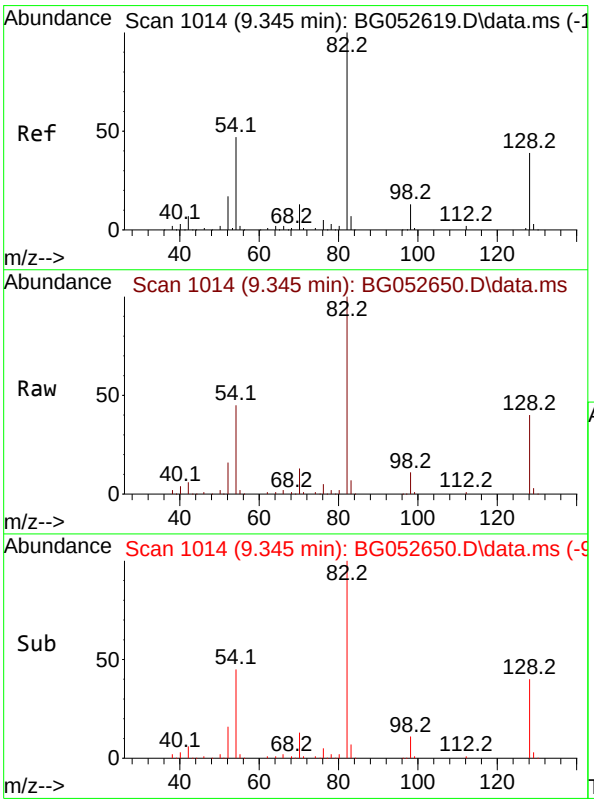
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.008 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:136 Resp: 133984

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	7.0	6.4	9.6
68	4.8	5.0	7.6#

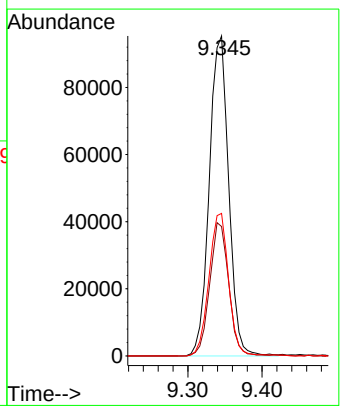


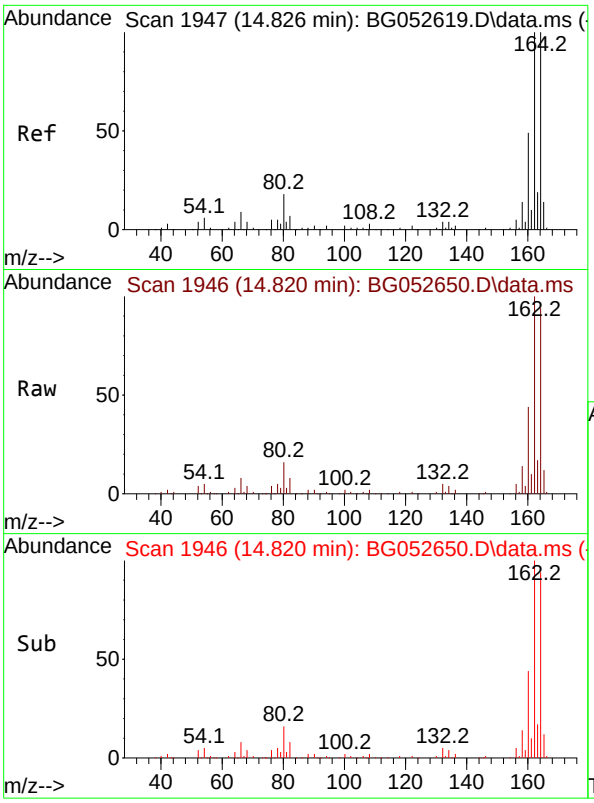


#23
Nitrobenzene-d5
Concen: 58.573 ng
RT: 9.345 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion: 82 Resp: 173118

Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.3	46.9
54	44.6	37.8	56.8



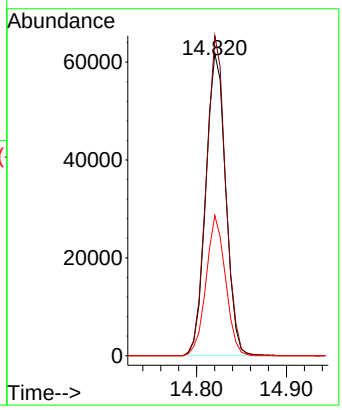


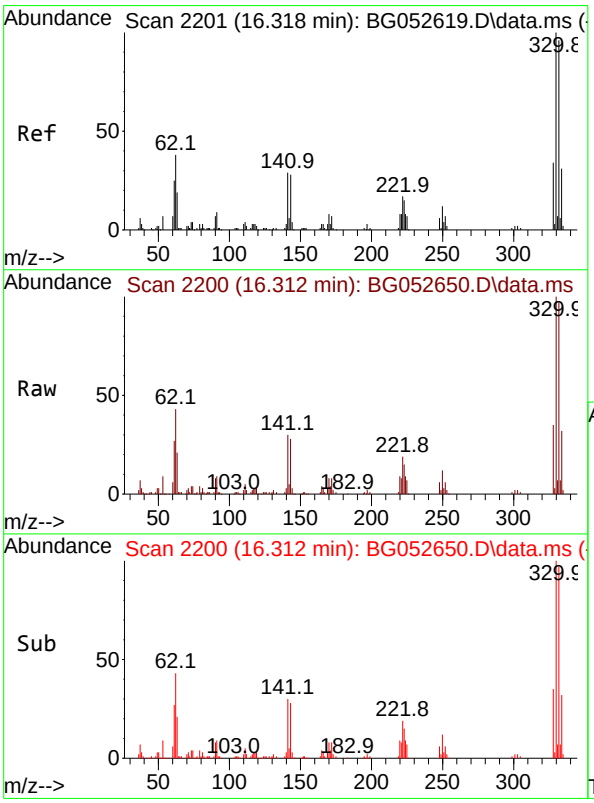
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.820 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:164 Resp: 95051

Ion	Ratio	Lower	Upper
164	100		
162	105.9	80.0	120.0
160	46.4	38.8	58.2

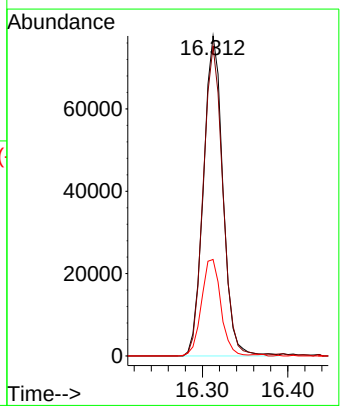


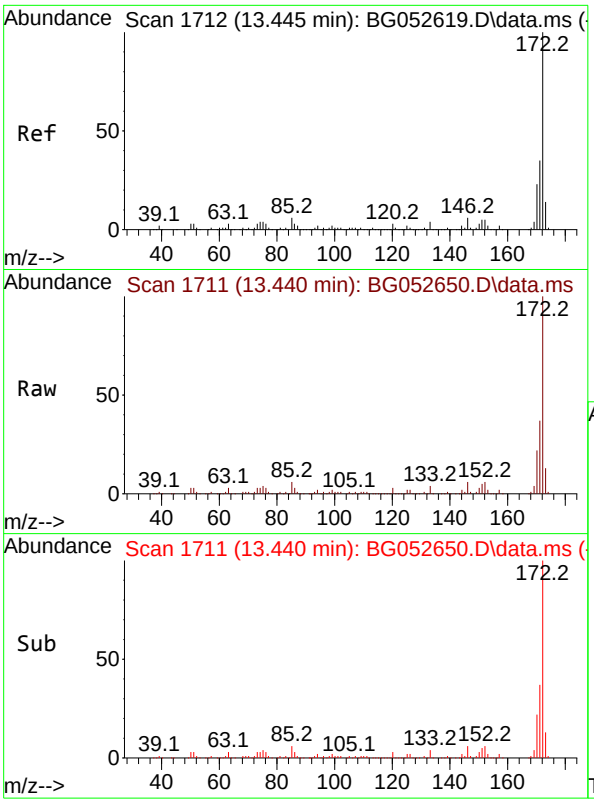


#42
2,4,6-Tribromophenol
Concen: 91.149 ng
RT: 16.312 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion:330 Resp: 122876

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	30.1	24.6	36.8



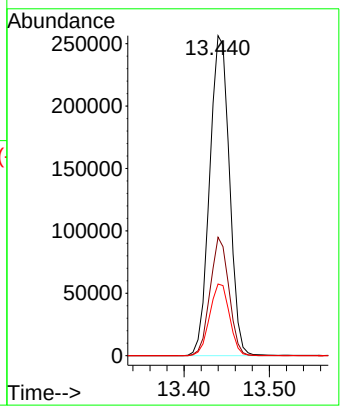


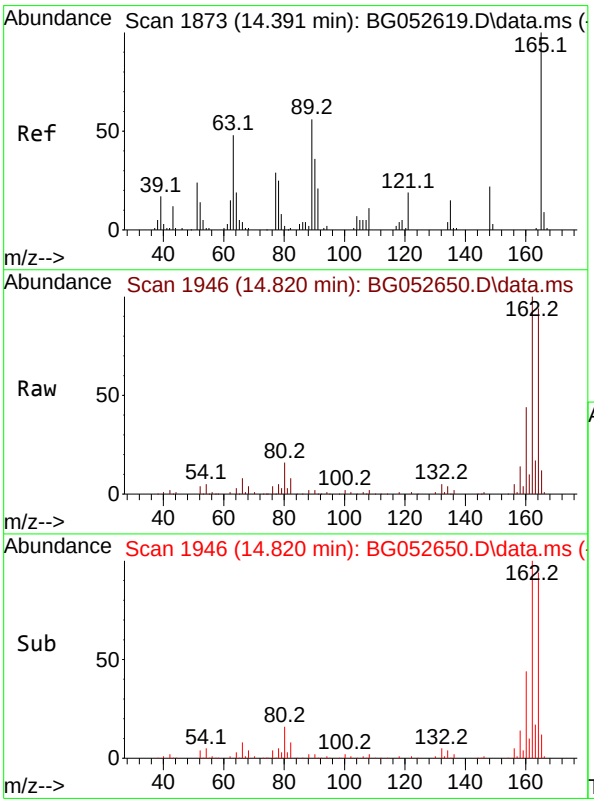
#45
2-Fluorobiphenyl
Concen: 58.733 ng
RT: 13.440 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:172 Resp: 413602

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.3	42.5
170	22.4	18.0	27.0

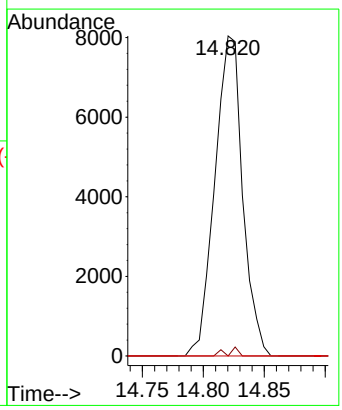


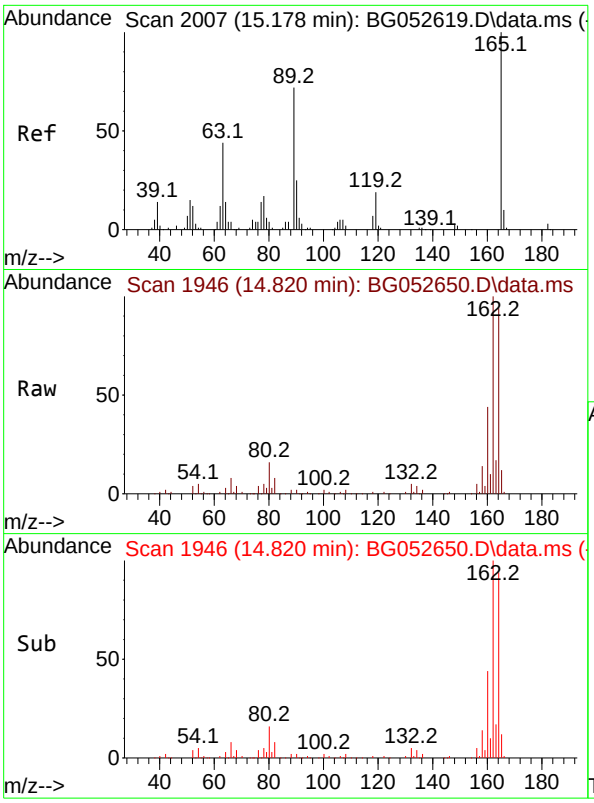


#51
2,6-Dinitrotoluene
Concen: 8.087 ng
RT: 14.820 min Scan# 1946
Delta R.T. 0.429 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion:165 Resp: 12762

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



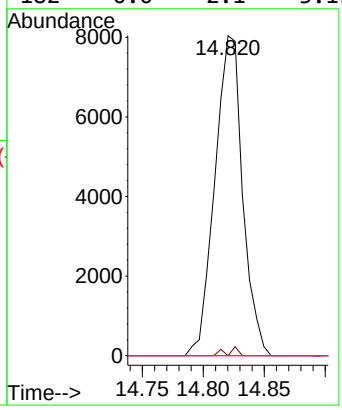


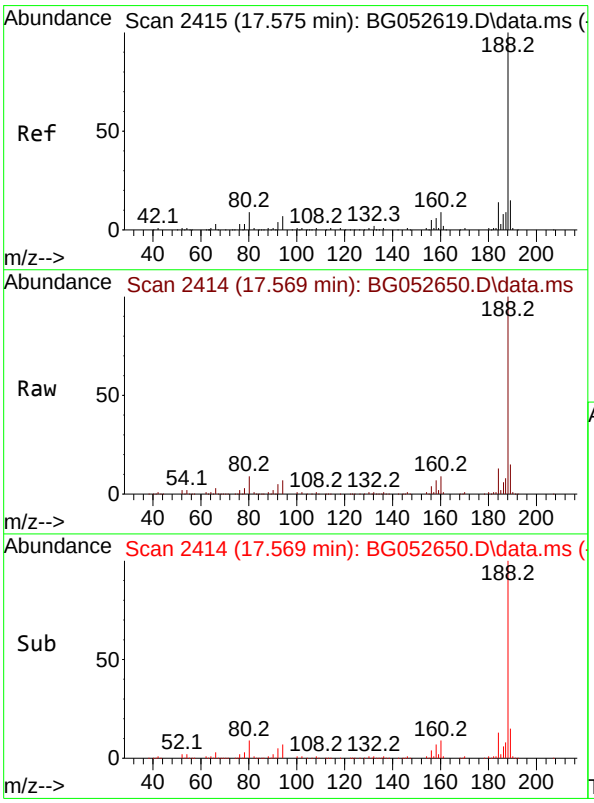
#57
2,4-Dinitrotoluene
Concen: 5.746 ng
RT: 14.820 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:165 Resp: 12762

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#

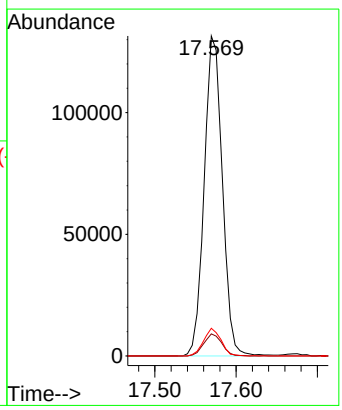


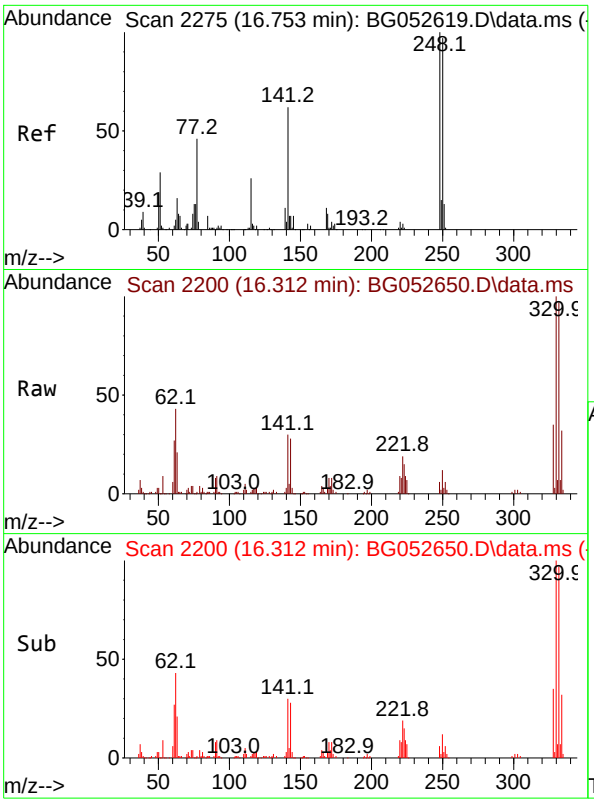


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion:188 Resp: 203695

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	8.6	7.2	10.8



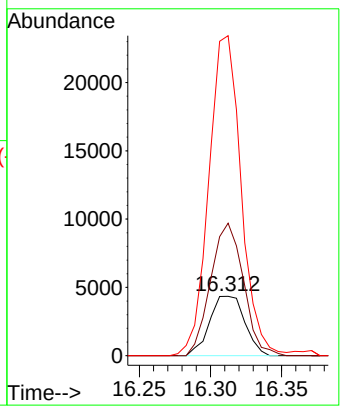


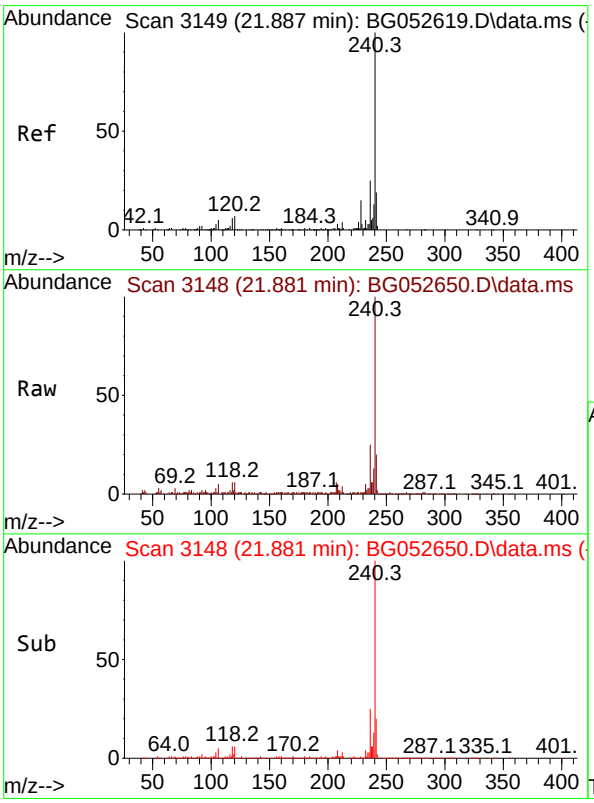
#67
4-Bromophenyl-phenylether
Concen: 2.975 ng
RT: 16.312 min Scan# 2
Delta R.T. -0.440 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:248 Resp: 7502

Ion	Ratio	Lower	Upper
248	100		
250	223.1	77.9	116.9#
141	539.0	49.2	73.8#

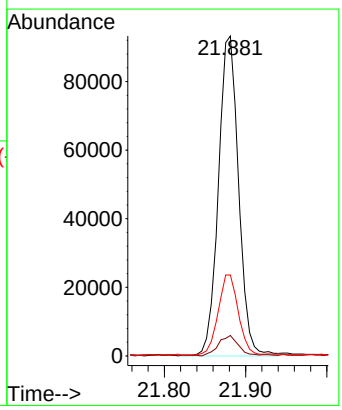


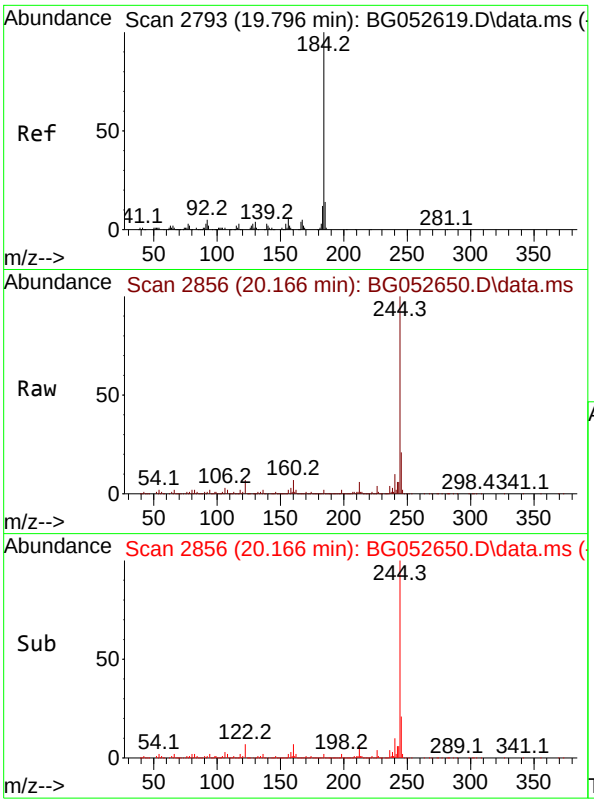


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion:240 Resp: 161314

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.0
236	25.3	19.8	29.6



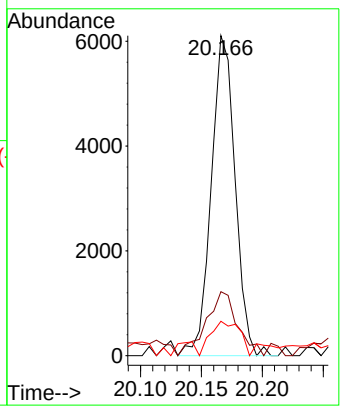


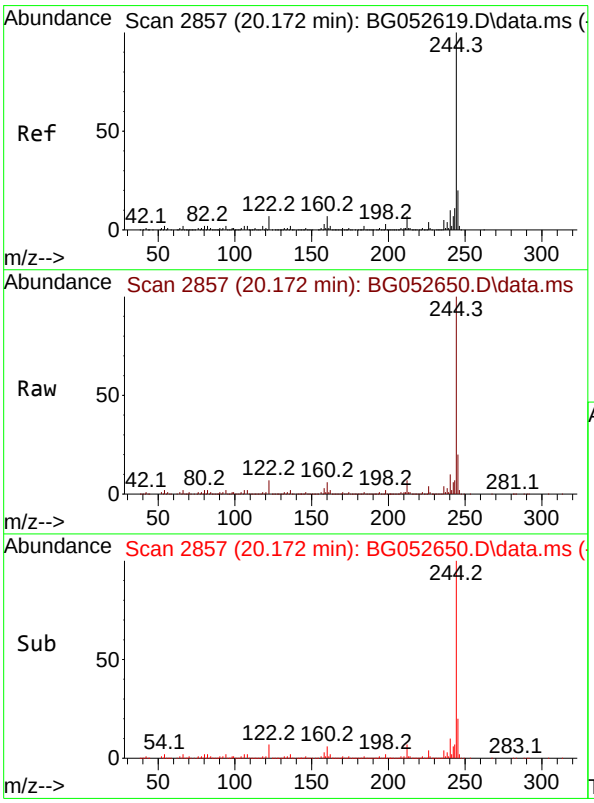
#77
Benzidine
Concen: 2.490 ng
RT: 20.166 min Scan# 2
Delta R.T. 0.370 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:184 Resp: 8333

Ion	Ratio	Lower	Upper
184	100		
185	20.0	11.5	17.3#
183	10.8	9.4	14.2

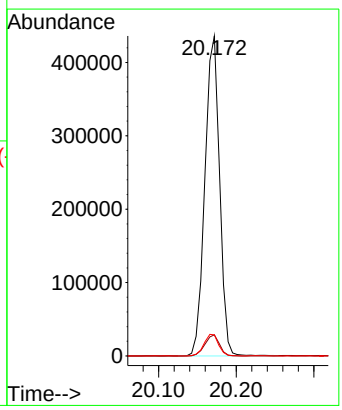


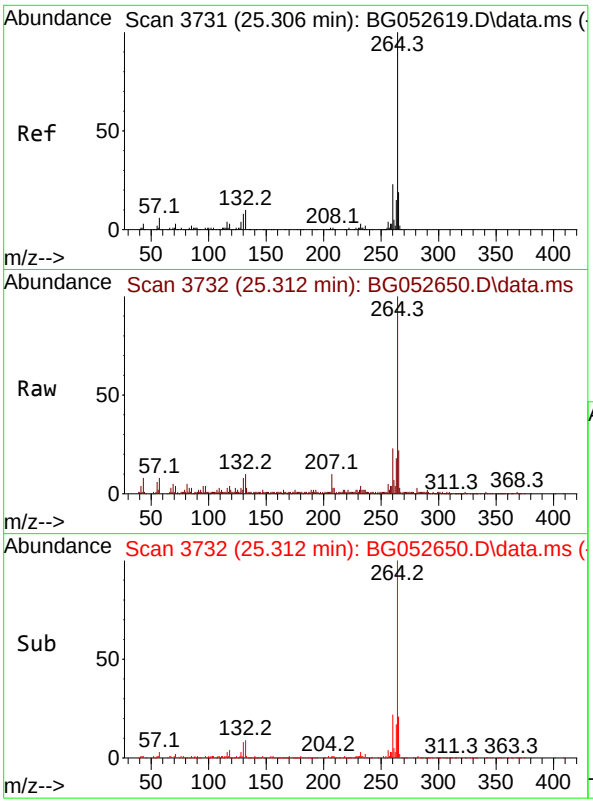


#79
Terphenyl-d14
Concen: 62.911 ng
RT: 20.172 min Scan# 2857
Delta R.T. 0.000 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Tgt Ion:244 Resp: 573499

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	6.6	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.312 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG052650.D
Acq: 11 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6

Tgt Ion:264 Resp: 170195

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	22.2	15.1	22.7