Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
Data File : BG052625.D
Acq On : 10 Mar 2022 00:11
Operator : CG/JU
Sample : PB143193TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Quant Time: Mar 10 06:42:04 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	8.172	152	28308	20.000	ng	0.00
21) Naphthalene-d8	11.009	136	117300	20.000	ng	0.00
39) Acenaphthene-d10	14.822	164	81327	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	204700	20.000	ng	0.00
76) Chrysene-d12	21.883	240	224736	20.000	ng	0.00
86) Perylene-d12	25.302	264	222503	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	232345	141.792	ng	0.00
7) Phenol-d6	7.320	99	312079	131.590	ng	0.00
23) Nitrobenzene-d5	9.347	82	219028	84.646	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	141580	122.747	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	515141	85.496	ng	0.00
79) Terphenyl-d14	20.173	244	1049366	82.626	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.347	70	29310	18.263	ng	# 73
51) 2,6-Dinitrotoluene	14.822	165	10573	7.831	ng	# 24
57) 2,4-Dinitrotoluene	14.822	165	10573	5.564	ng	# 22
67) 4-Bromophenyl-phenylether	16.314	248	8684	3.427	ng	# 1
77) Benzidine	20.173	184	14271	3.061	ng	# 90

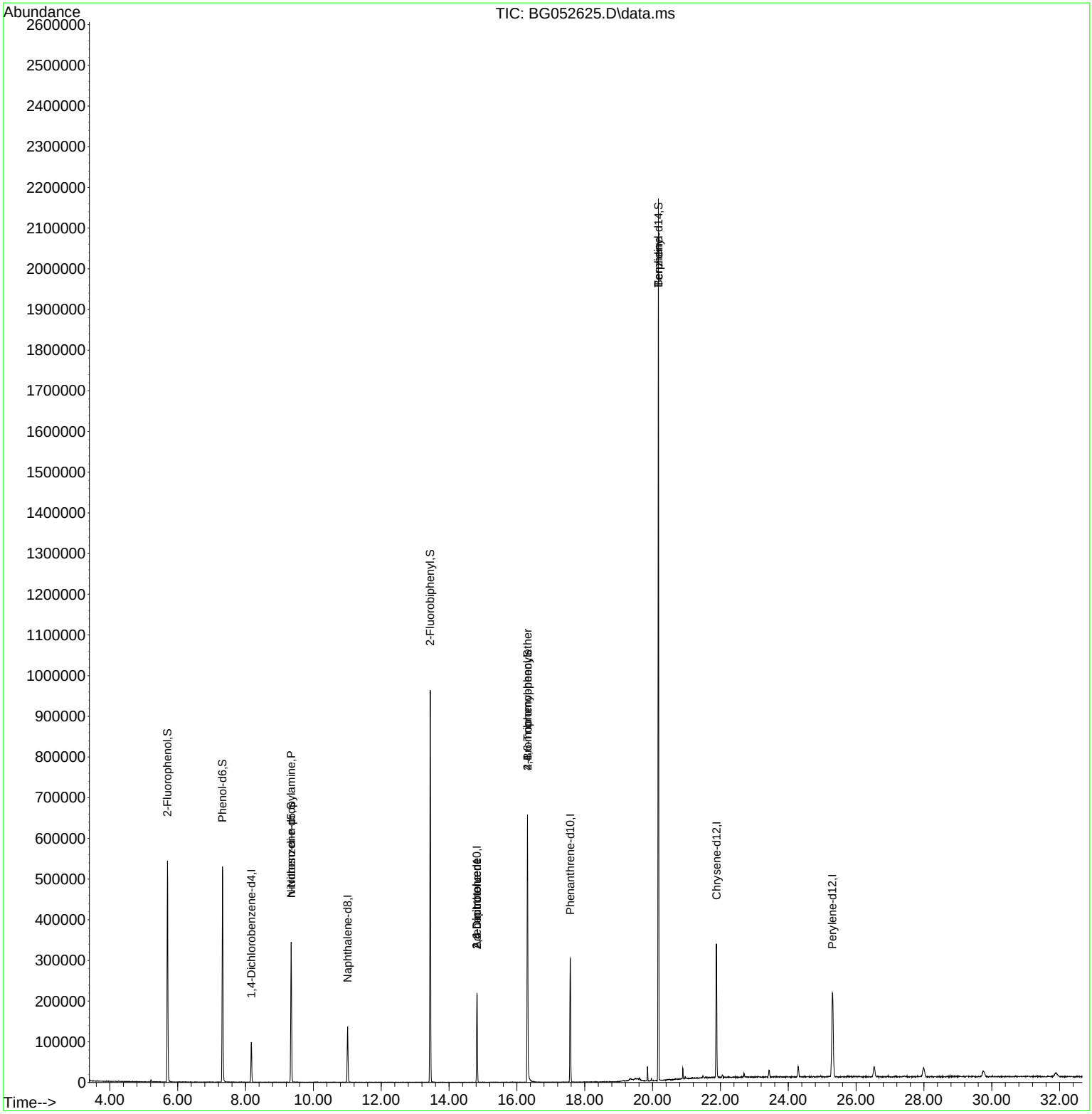
(#) = qualifier out of range (m) = manual integration (+) = signals summed

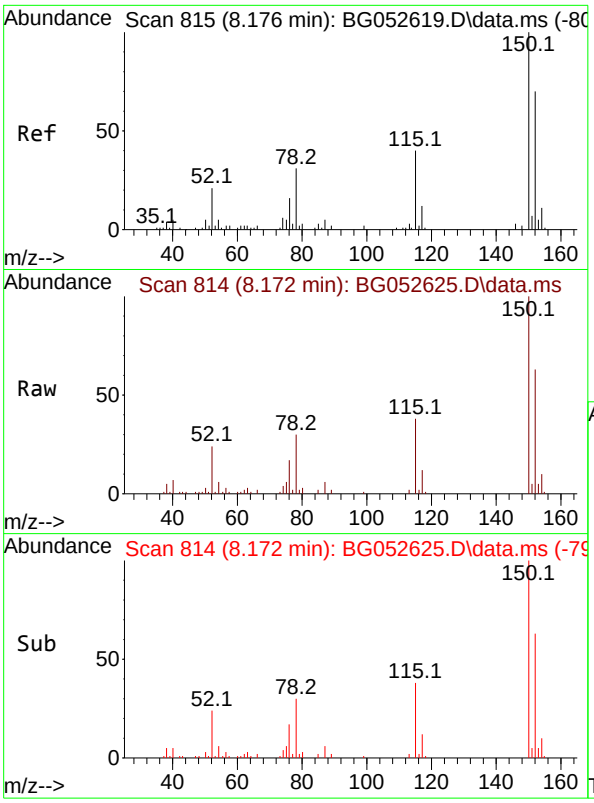
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
Data File : BG052625.D
Acq On : 10 Mar 2022 00:11
Operator : CG/JU
Sample : PB143193TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Quant Time: Mar 10 06:42:04 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



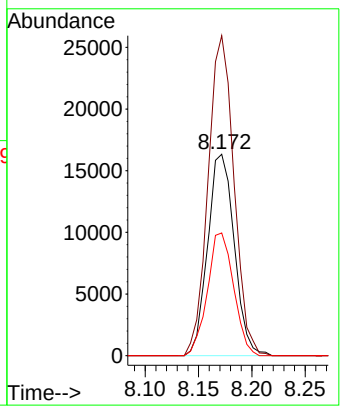


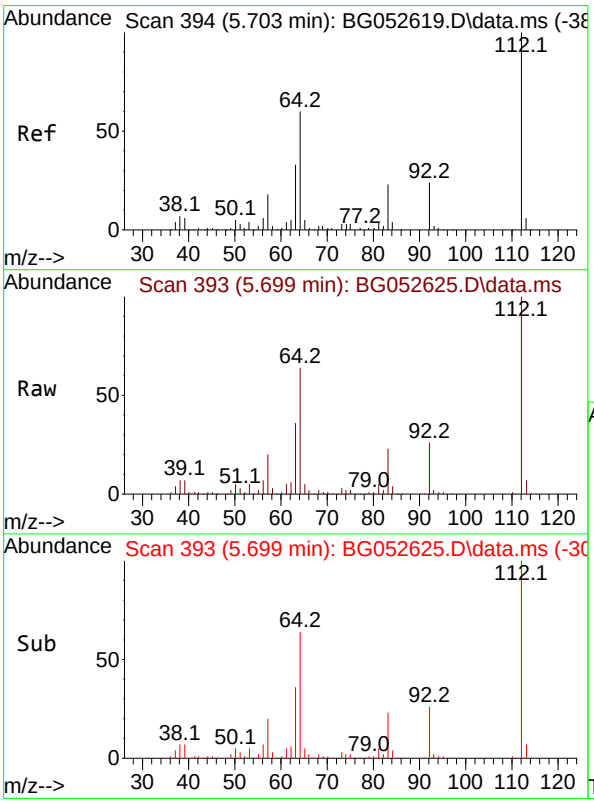
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.172 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:152 Resp: 28308

Ion	Ratio	Lower	Upper
152	100		
150	158.8	114.6	172.0
115	60.9	45.9	68.9

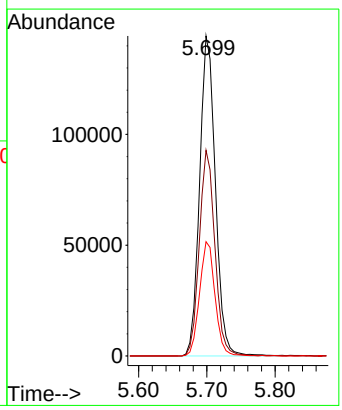


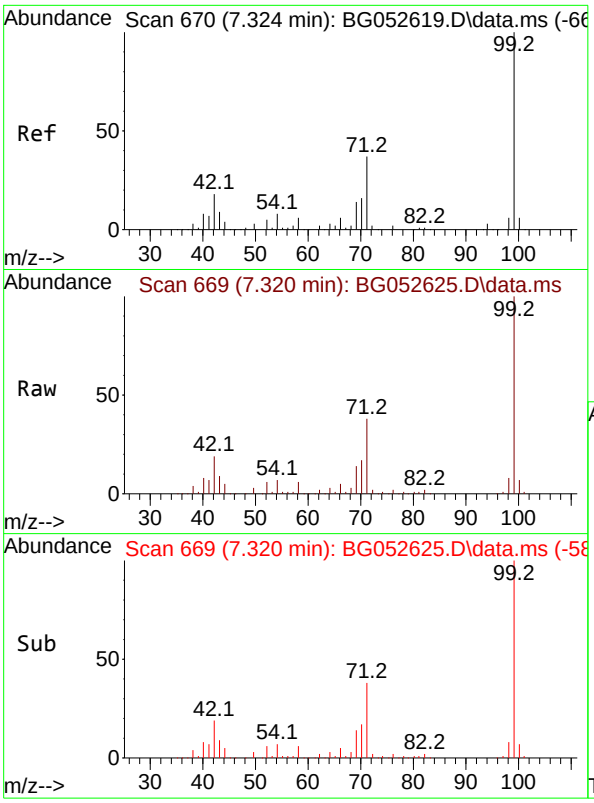


#5
2-Fluorophenol
Concen: 141.792 ng
RT: 5.699 min Scan# 393
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion:112 Resp: 232345

Ion	Ratio	Lower	Upper
112	100		
64	64.3	48.0	72.0
63	35.7	26.5	39.7



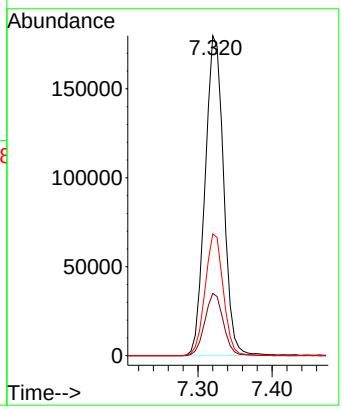


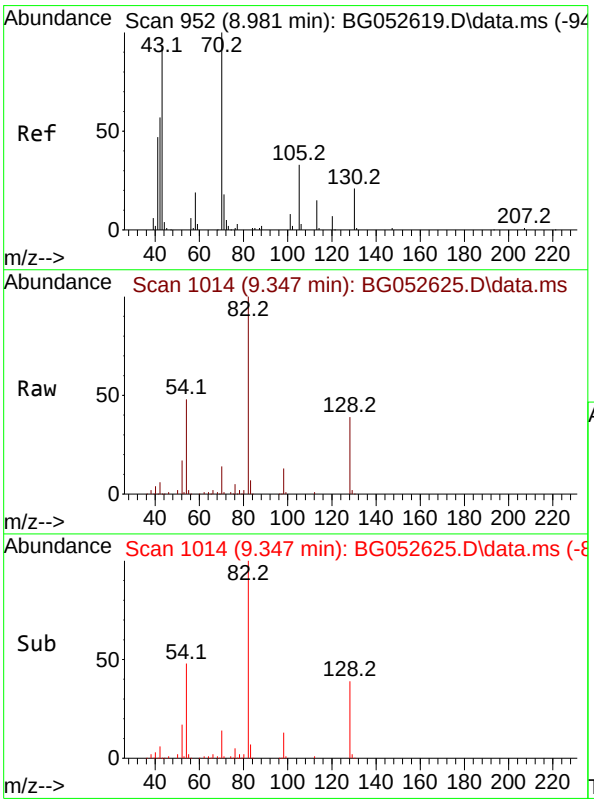
#7
Phenol-d6
Concen: 131.590 ng
RT: 7.320 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion: 99 Resp: 312079

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.7	22.1
71	38.1	29.2	43.8

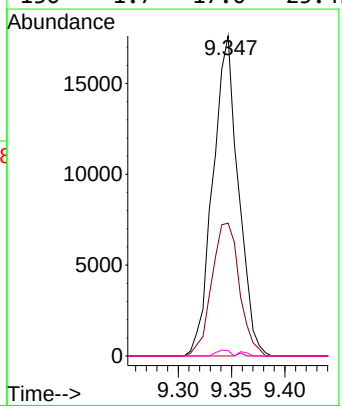


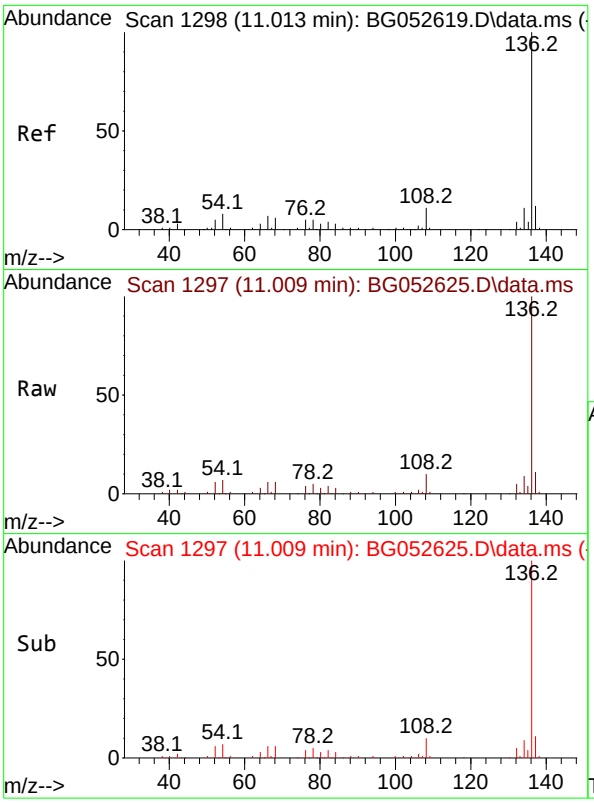


#19
n-Nitroso-di-n-propylamine
Concen: 18.263 ng
RT: 9.347 min Scan# 1014
Delta R.T. 0.366 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion: 70 Resp: 29310

Ion	Ratio	Lower	Upper
70	100		
42	41.5	46.0	69.0#
101	0.0	6.2	9.4#
130	1.7	17.0	25.4#



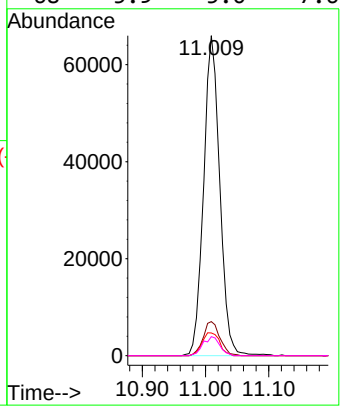


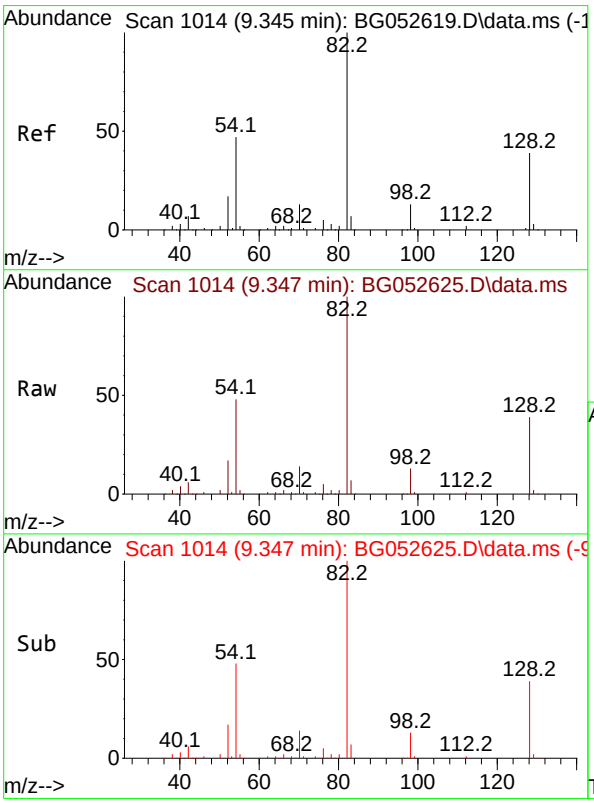
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.009 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:136 Resp: 117300

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.2
54	7.1	6.4	9.6
68	5.9	5.0	7.6

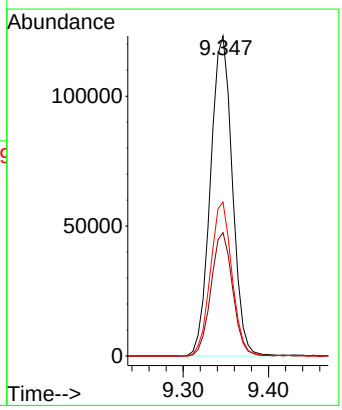


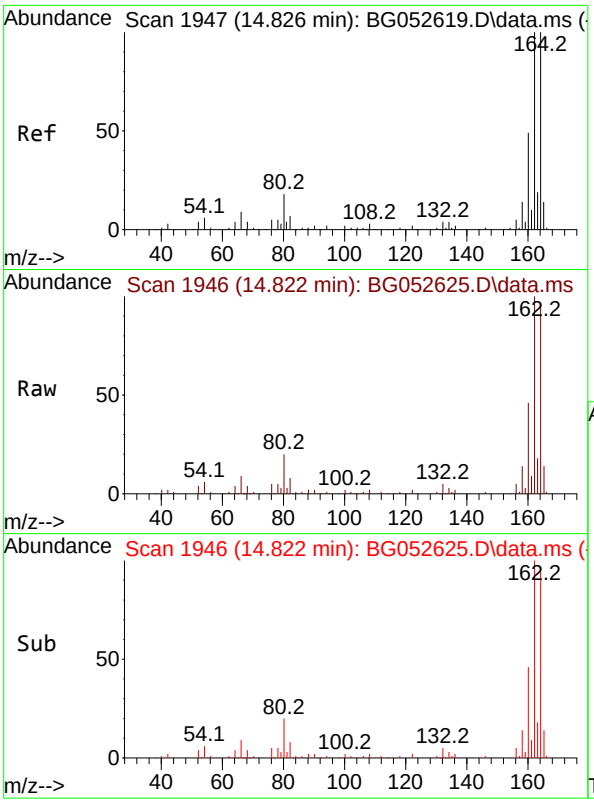


#23
Nitrobenzene-d5
Concen: 84.646 ng
RT: 9.347 min Scan# 1014
Delta R.T. 0.002 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion: 82 Resp: 219028

Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.3	46.9
54	48.1	37.8	56.8



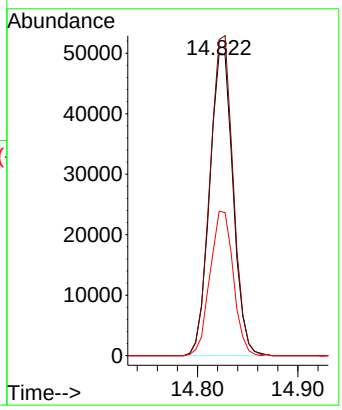


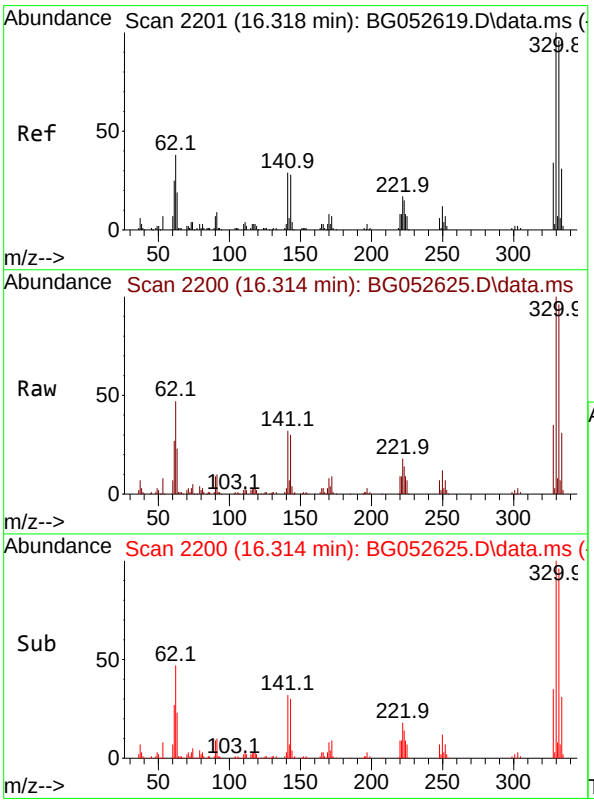
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:164 Resp: 81327

Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.0	120.0
160	47.7	38.8	58.2

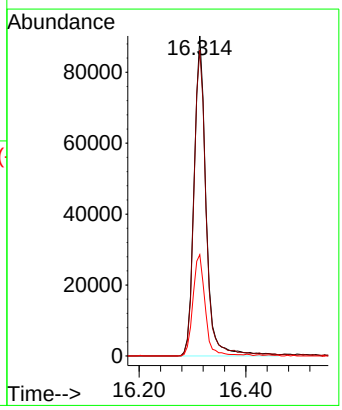


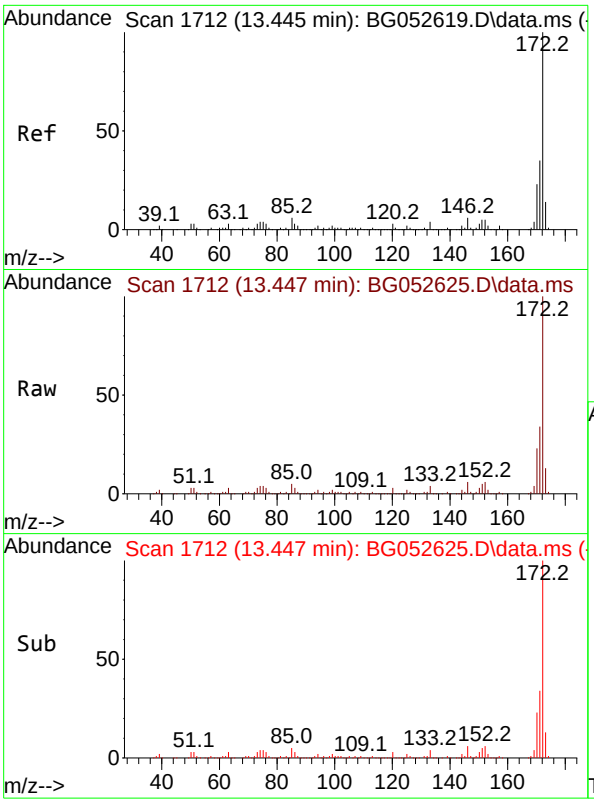


#42
2,4,6-Tribromophenol
Concen: 122.747 ng
RT: 16.314 min Scan# 2200
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion:330 Resp: 141580

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.8	113.6
141	32.2	24.6	36.8



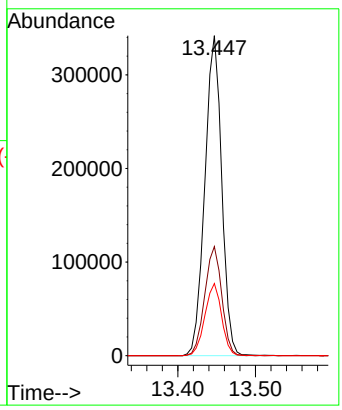


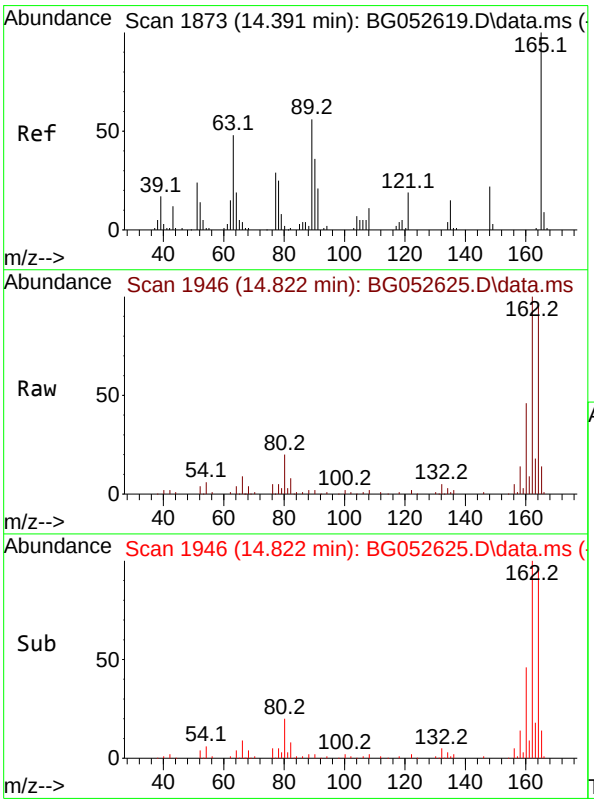
#45
2-Fluorobiphenyl
Concen: 85.496 ng
RT: 13.447 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:172 Resp: 515141

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.3	42.5
170	22.6	18.0	27.0

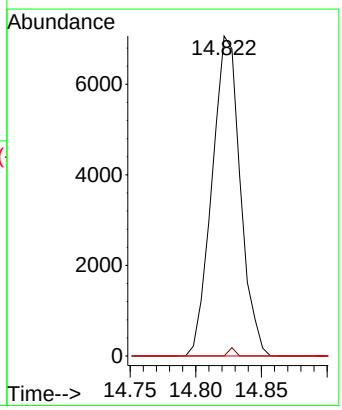


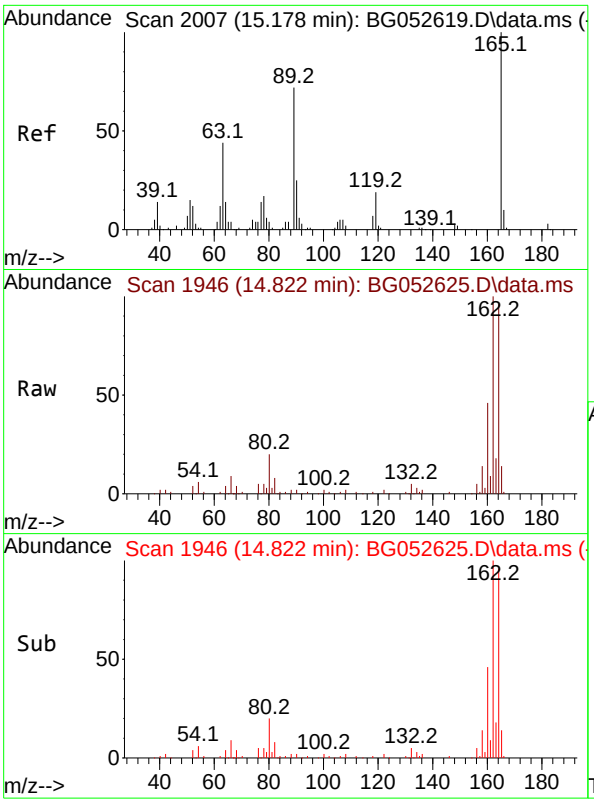


#51
2,6-Dinitrotoluene
Concen: 7.831 ng
RT: 14.822 min Scan# 1946
Delta R.T. 0.430 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion:165 Resp: 10573

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



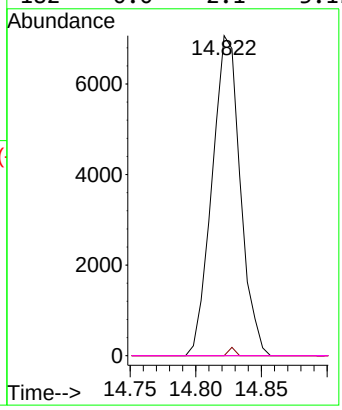


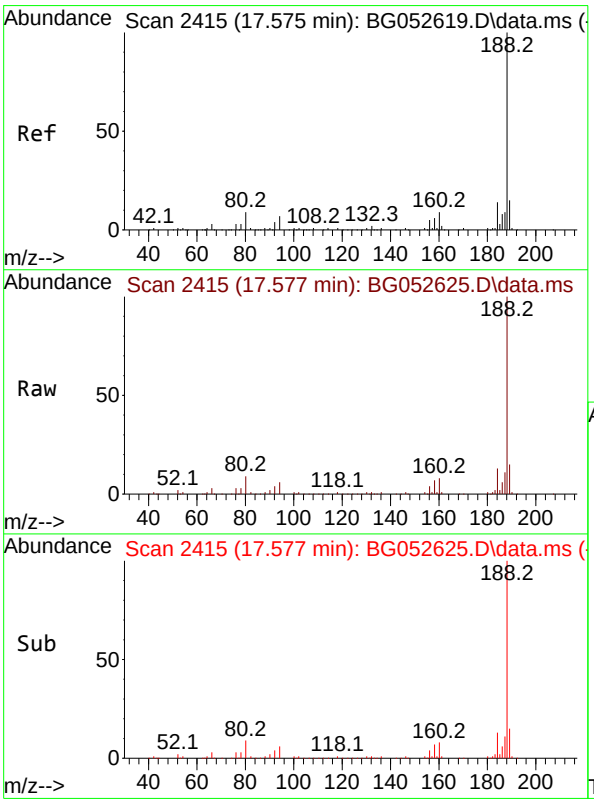
#57
2,4-Dinitrotoluene
Concen: 5.564 ng
RT: 14.822 min Scan# 1
Delta R.T. -0.356 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:165 Resp: 10573

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#

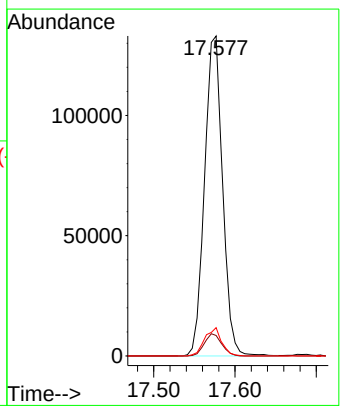


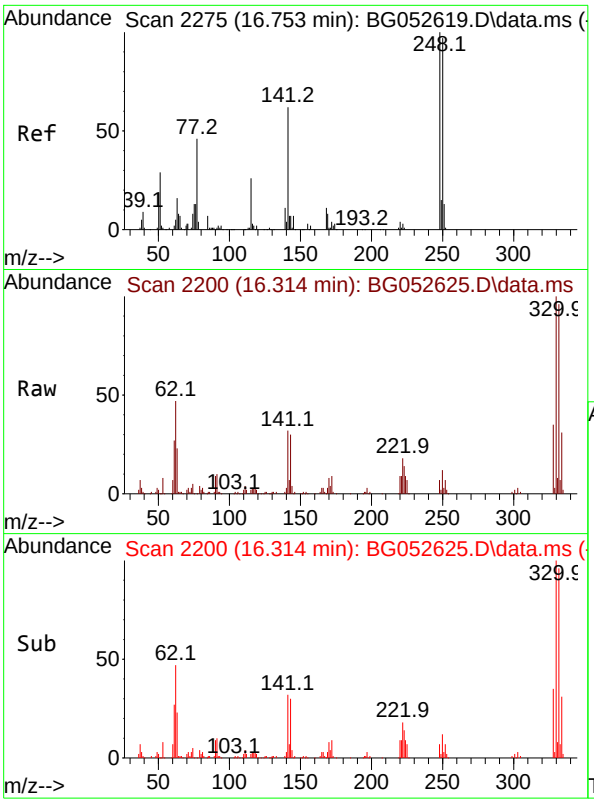


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2415
Delta R.T. 0.002 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion:188 Resp: 204700

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	8.9	7.2	10.8



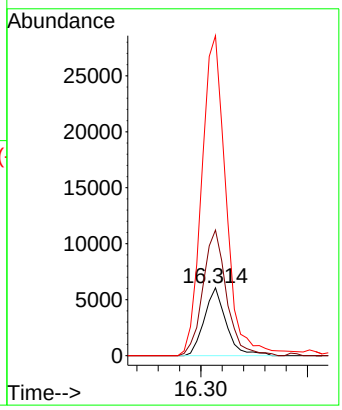


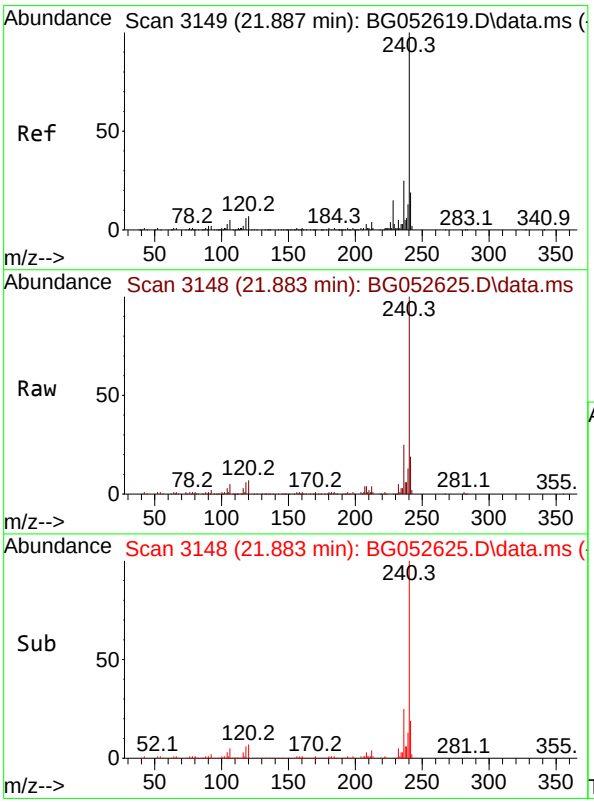
#67
4-Bromophenyl-phenylether
Concen: 3.427 ng
RT: 16.314 min Scan# 2
Delta R.T. -0.439 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:248 Resp: 8684

Ion	Ratio	Lower	Upper
248	100		
250	185.0	77.9	116.9#
141	471.1	49.2	73.8#

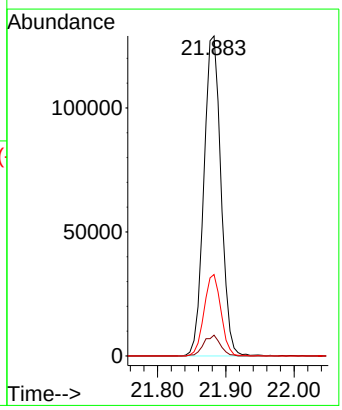


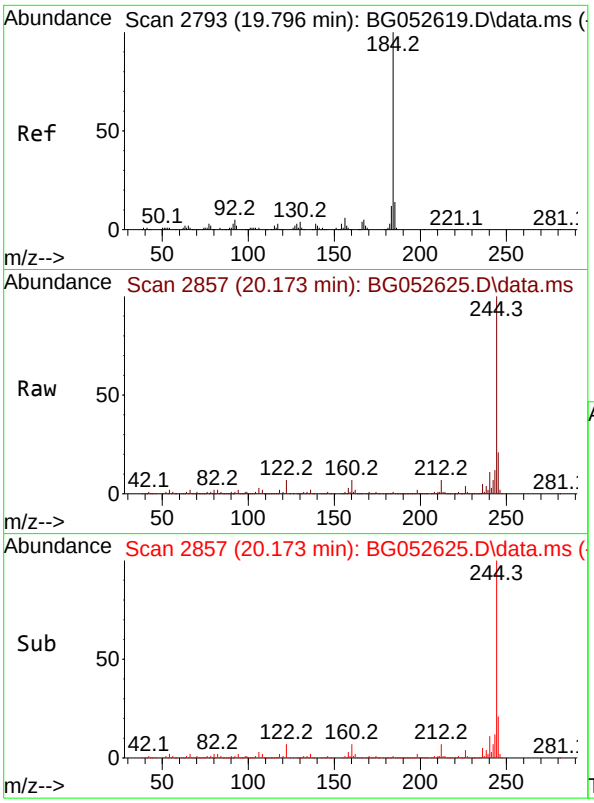


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion:240 Resp: 224736

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.0
236	25.5	19.8	29.6



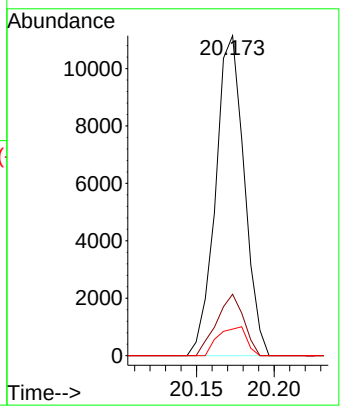


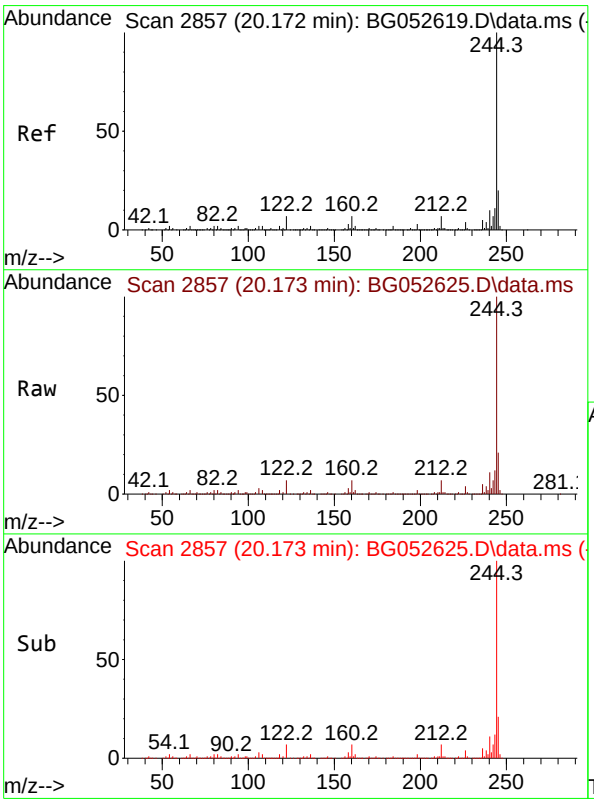
#77
Benzidine
Concen: 3.061 ng
RT: 20.173 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:184 Resp: 14271

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.5	17.3#
183	8.3	9.4	14.2#

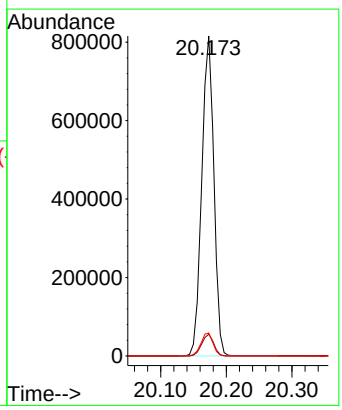


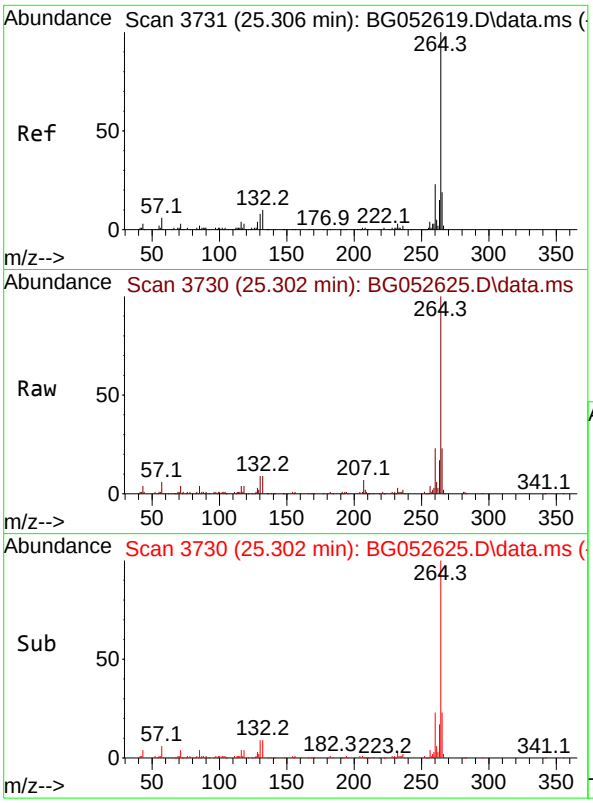


#79
Terphenyl-d14
Concen: 82.626 ng
RT: 20.173 min Scan# 2857
Delta R.T. 0.002 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Tgt Ion:244 Resp: 1049366

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	7.2	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.302 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG052625.D
Acq: 10 Mar 2022 00:11

Instrument :
BNA_G
ClientSampleId :
PB143193TB

Tgt Ion:264 Resp: 222503

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.8	15.1	22.7#