Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052325.D
Acq On : 8 Feb 2022 18:50
Operator : CG/JU
Sample : N1421-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5

Quant Time: Feb 09 01:26:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	33759	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	144282	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	98828	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	209591	20.000	ng	0.00
76) Chrysene-d12	21.943	240	175211	20.000	ng	0.00
86) Perylene-d12	25.420	264	166302	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	284026	146.633	ng	0.00
7) Phenol-d6	7.374	99	407275	136.273	ng	0.00
23) Nitrobenzene-d5	9.401	82	297846	89.718	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	187175	131.830	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	659215	92.686	ng	0.00
79) Terphenyl-d14	20.222	244	891480	89.848	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.401	70	40937	18.169	ng	# 76
51) 2,6-Dinitrotoluene	14.876	165	13465	8.242	ng	# 17
57) 2,4-Dinitrotoluene	14.876	165	13465	5.791	ng	# 16
67) 4-Bromophenyl-phenylether	16.362	248	12452	4.885	ng	# 1
77) Benzidine	20.216	184	13466	3.597	ng	# 91

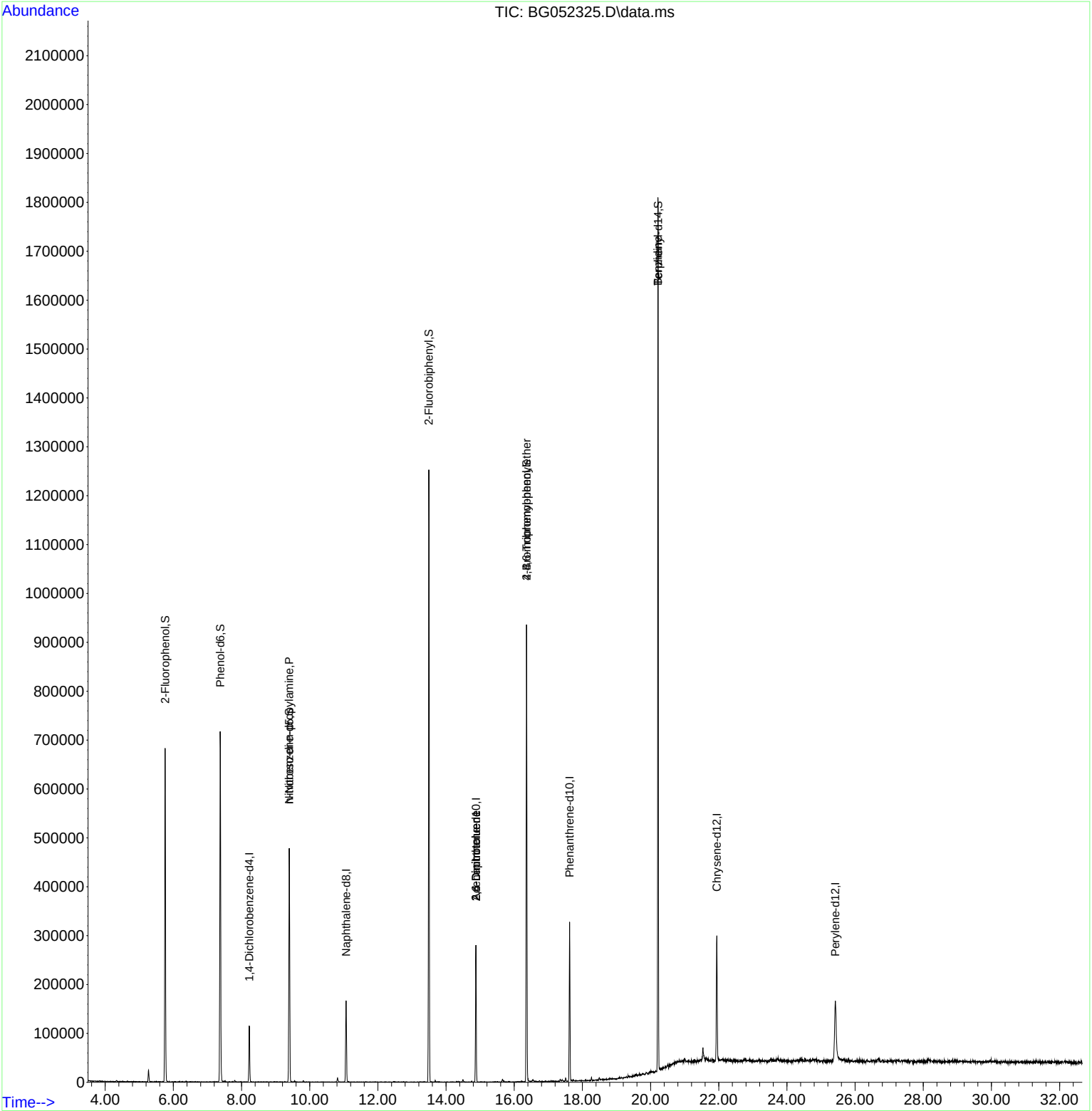
(#) = qualifier out of range (m) = manual integration (+) = signals summed

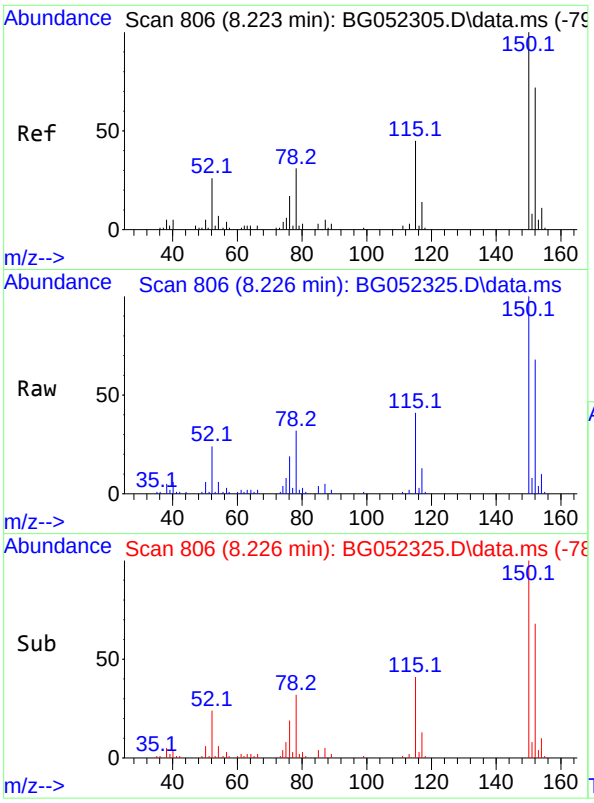
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052325.D
Acq On : 8 Feb 2022 18:50
Operator : CG/JU
Sample : N1421-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5

Quant Time: Feb 09 01:26:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration



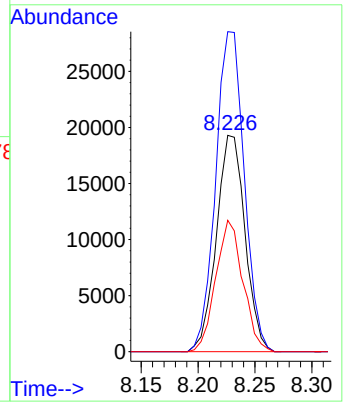


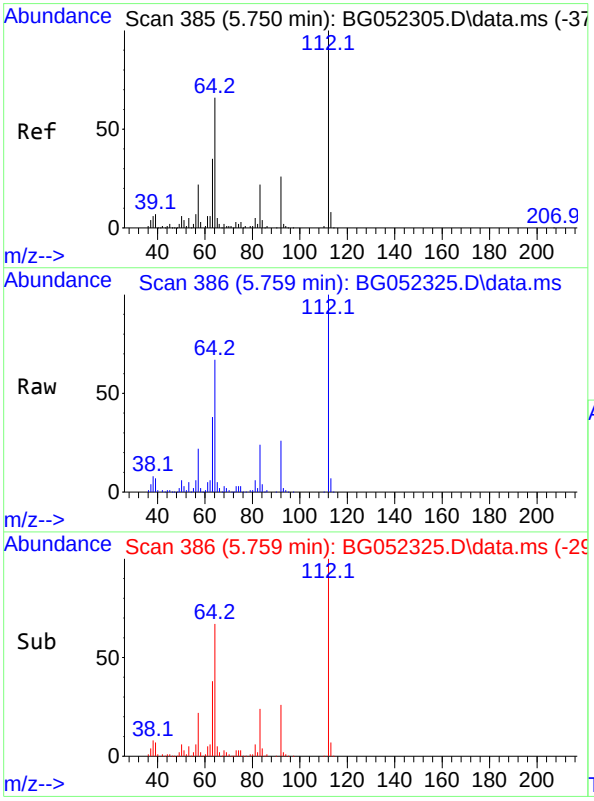
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:152 Resp: 33759

Ion	Ratio	Lower	Upper
152	100		
150	147.9	117.8	176.8
115	60.7	50.2	75.2

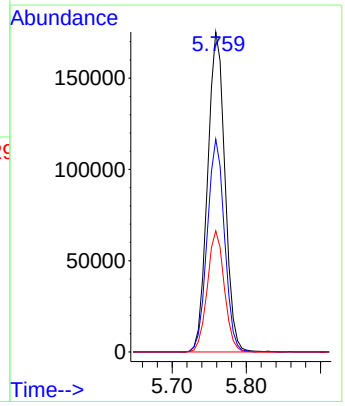


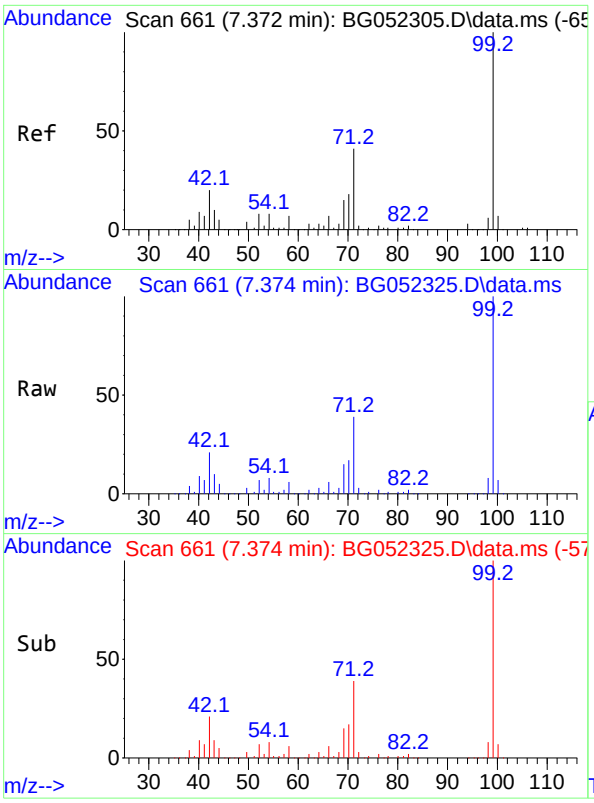


#5
2-Fluorophenol
Concen: 146.633 ng
RT: 5.759 min Scan# 386
Delta R.T. 0.009 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:112 Resp: 284026

Ion	Ratio	Lower	Upper
112	100		
64	66.5	60.4	90.6
63	37.8	33.3	49.9



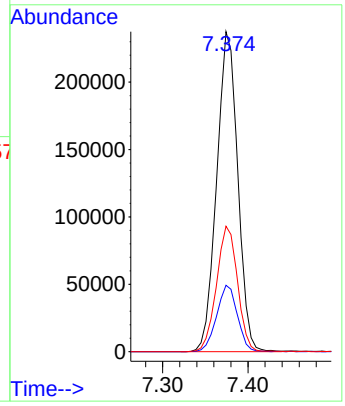


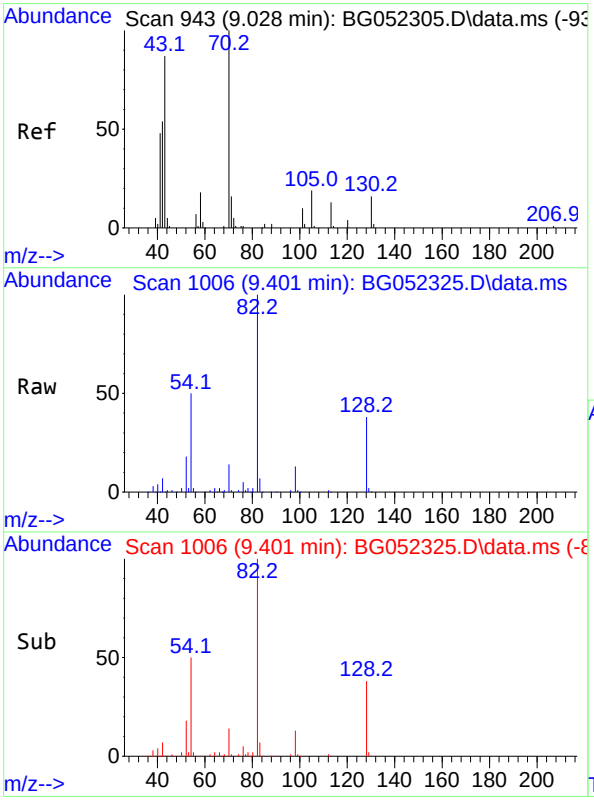
#7
Phenol-d6
Concen: 136.273 ng
RT: 7.374 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion: 99 Resp: 407275

Ion	Ratio	Lower	Upper
99	100		
42	20.8	19.1	28.7
71	39.2	33.4	50.2

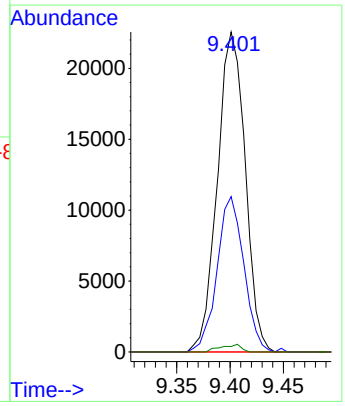


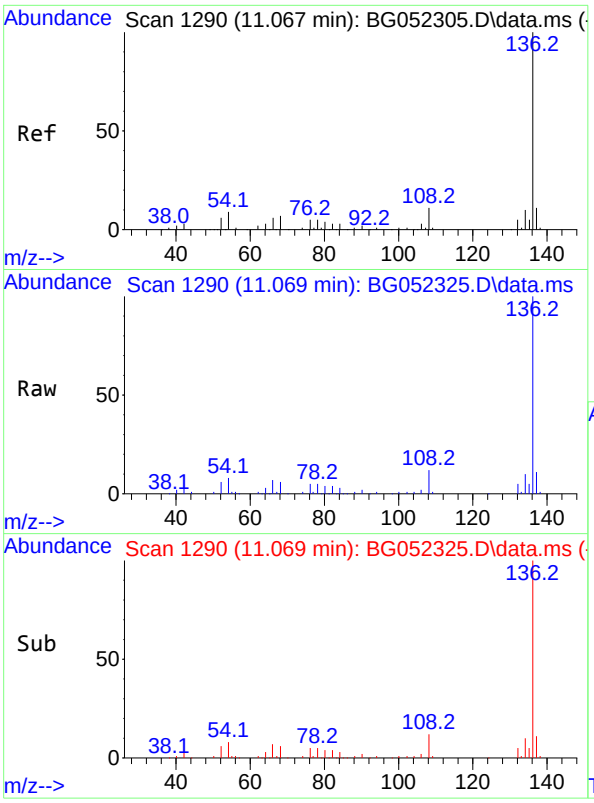


#19
n-Nitroso-di-n-propylamine
Concen: 18.169 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.373 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion: 70 Resp: 40937

Ion	Ratio	Lower	Upper
70	100		
42	48.5	51.8	77.6#
101	0.0	6.6	10.0#
130	1.7	14.7	22.1#



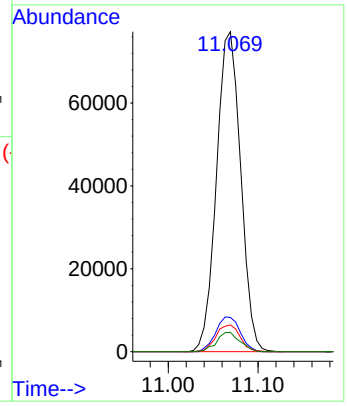


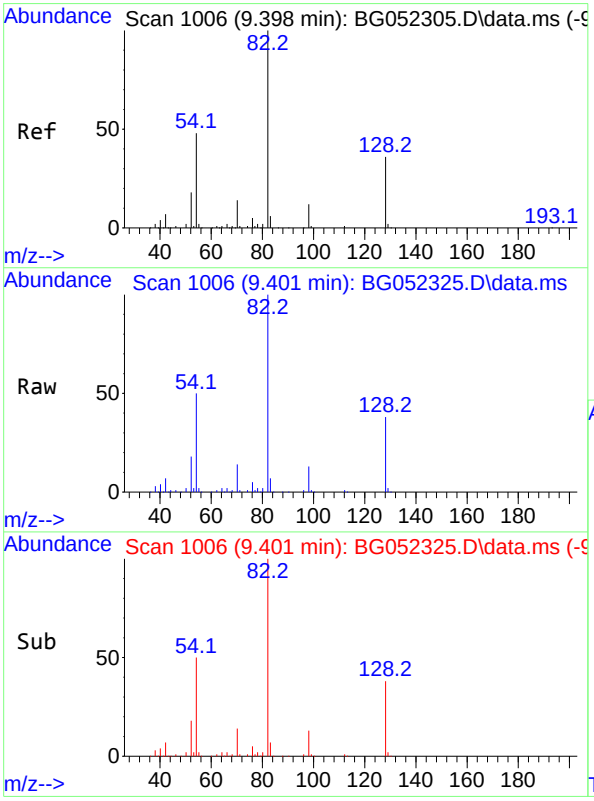
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:136 Resp: 144282

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.4	8.3	12.5
68	6.0	4.5	6.7

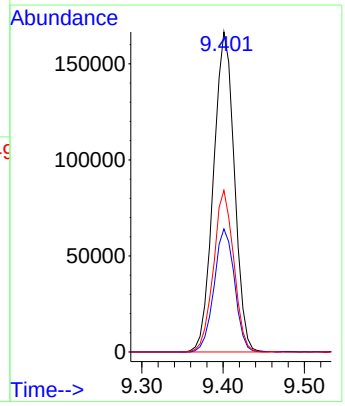


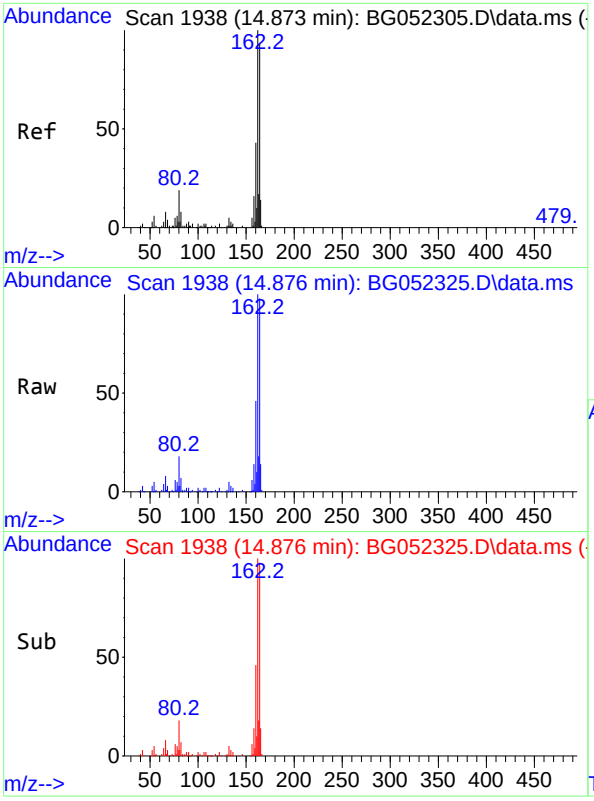


#23
Nitrobenzene-d5
Concen: 89.718 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion: 82 Resp: 297846

Ion	Ratio	Lower	Upper
82	100		
128	38.4	27.0	40.4
54	50.5	41.0	61.6



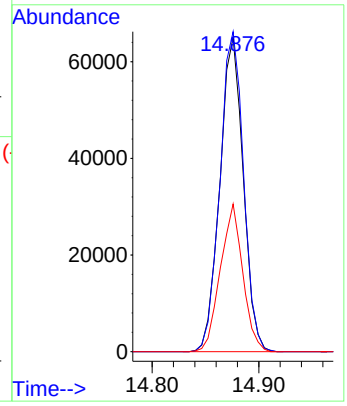


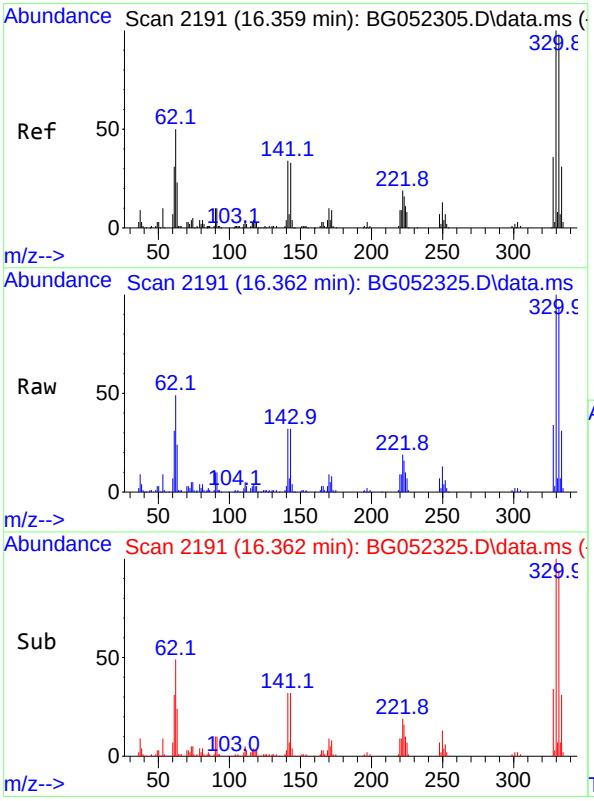
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:164 Resp: 98828

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	47.0	36.2	54.2

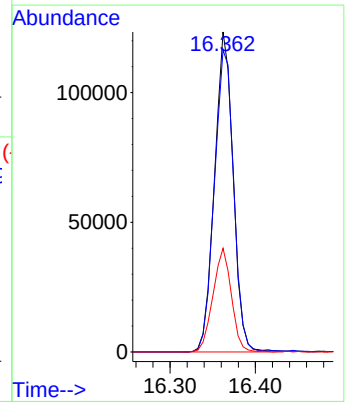


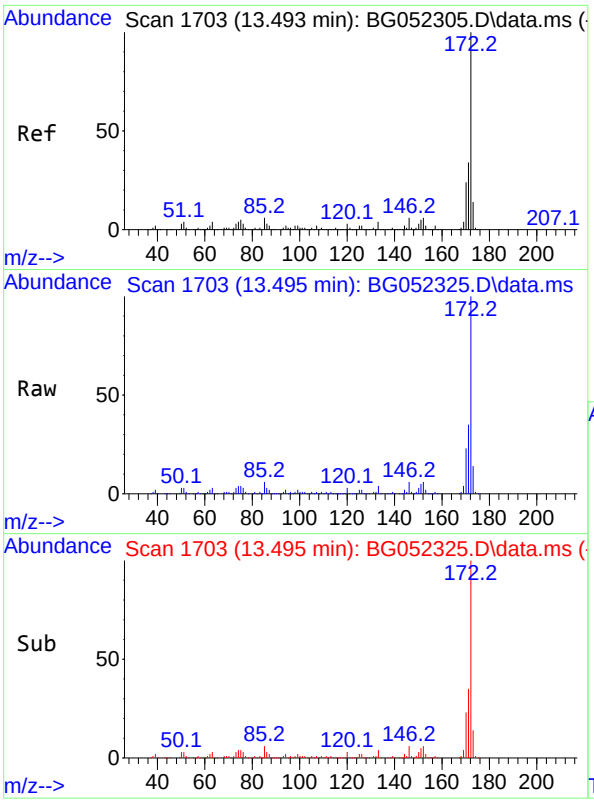


#42
2,4,6-Tribromophenol
Concen: 131.830 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:330 Resp: 187175

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	117.8
141	32.0	28.8	43.2



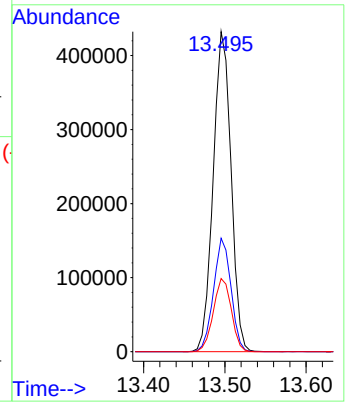


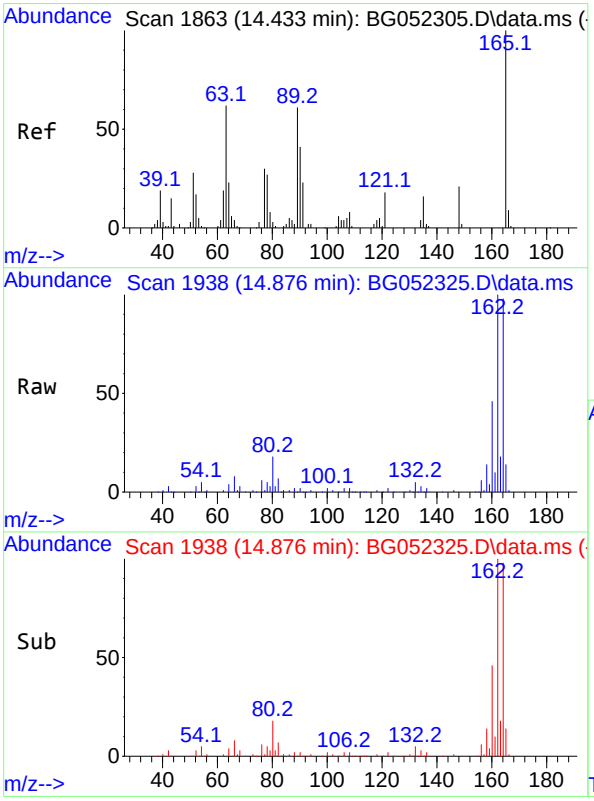
#45
2-Fluorobiphenyl
Concen: 92.686 ng
RT: 13.495 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:172 Resp: 659215

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	22.8	18.3	27.5

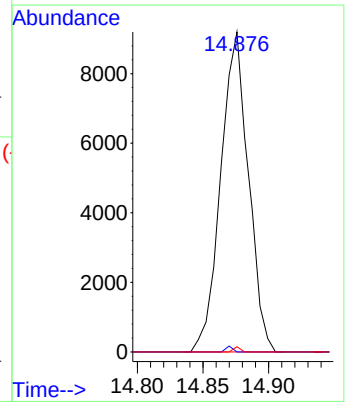


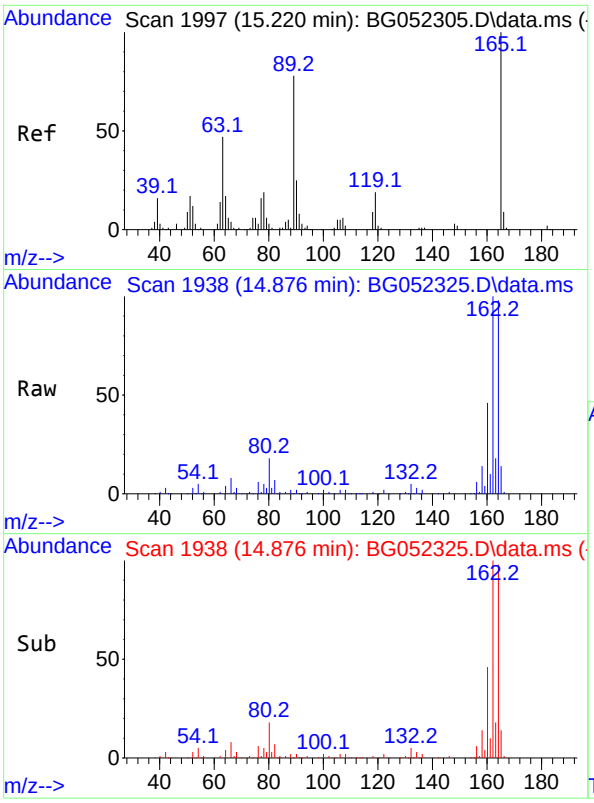


#51
2,6-Dinitrotoluene
Concen: 8.242 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.443 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:165 Resp: 13465

Ion	Ratio	Lower	Upper
165	100		
63	0.0	59.0	88.4#
89	1.7	49.4	74.0#



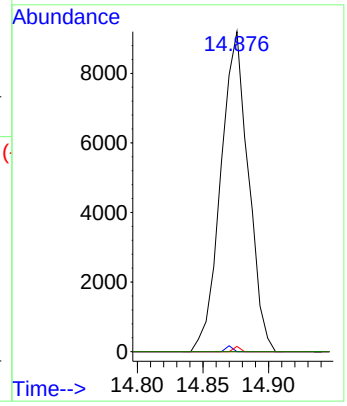


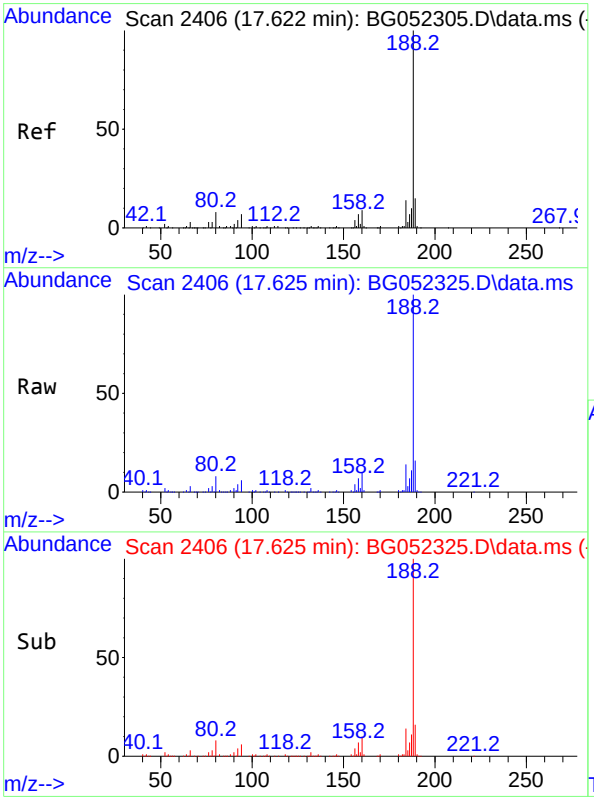
#57
2,4-Dinitrotoluene
Concen: 5.791 ng
RT: 14.876 min Scan# 1
Delta R.T. -0.344 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:165 Resp: 13465

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	66.8#
89	1.7	67.4	101.0#
182	0.0	1.6	2.4#

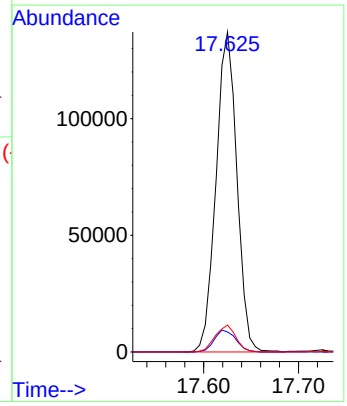


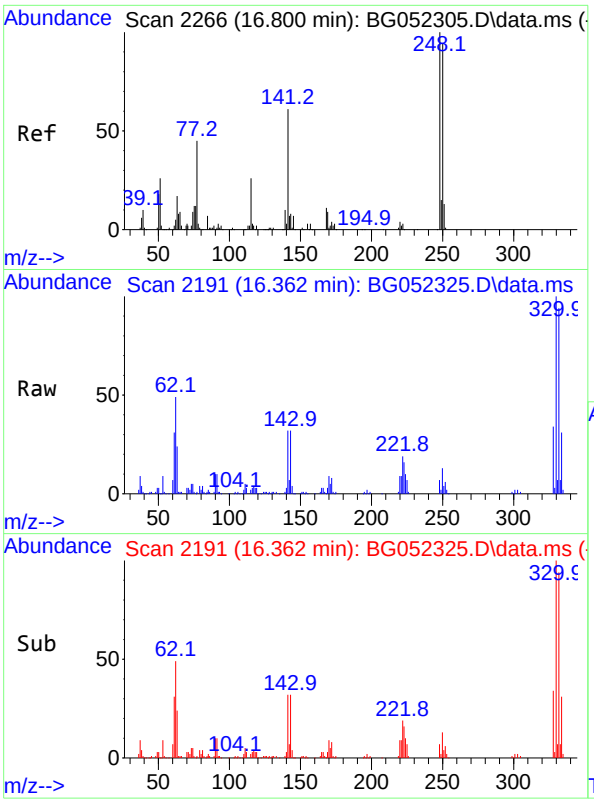


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2406
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:188 Resp: 209591

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.9	8.9
80	8.4	6.6	10.0



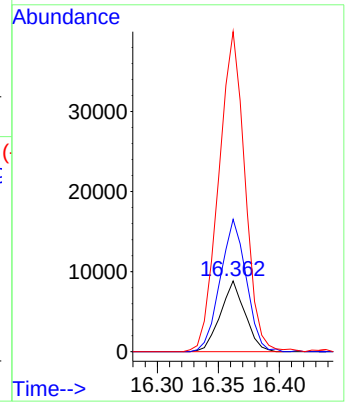


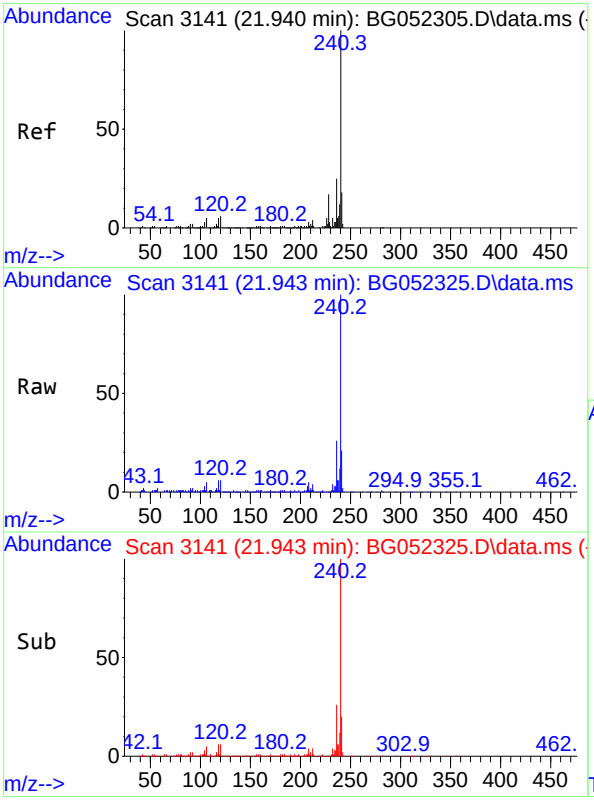
#67
4-Bromophenyl-phenylether
Concen: 4.885 ng
RT: 16.362 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:248 Resp: 12452

Ion	Ratio	Lower	Upper
248	100		
250	187.1	79.6	119.4#
141	452.7	54.6	81.8#

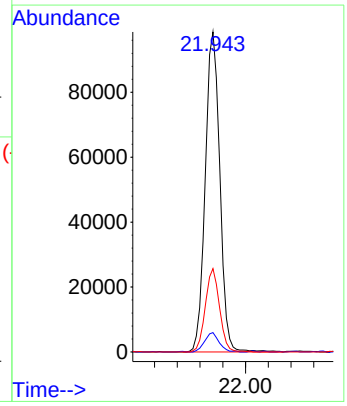


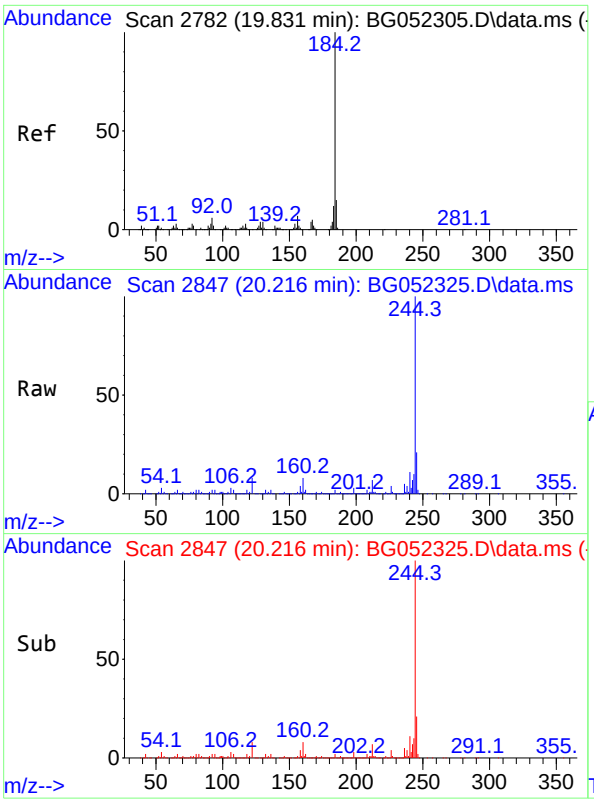


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.943 min Scan# 3141
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:240 Resp: 175211

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.4	6.6
236	26.0	20.8	31.2



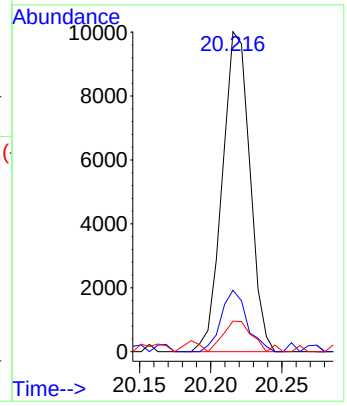


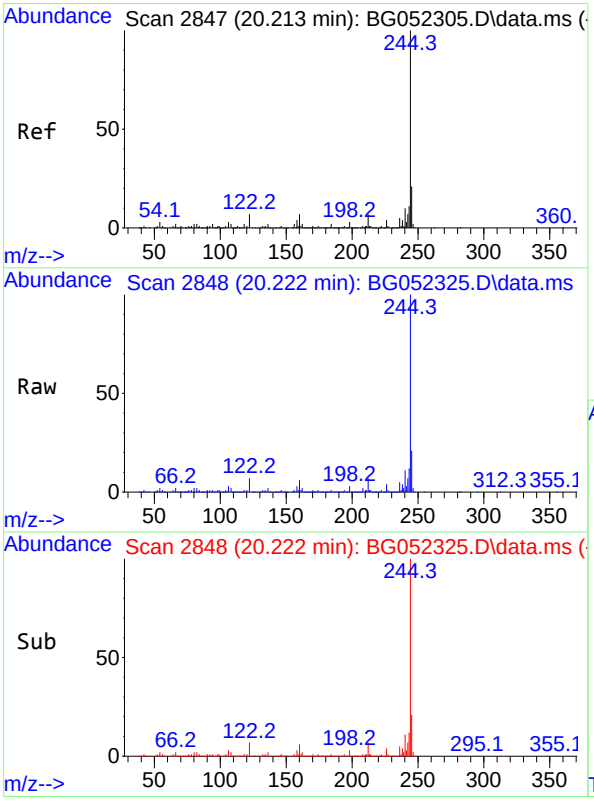
#77
Benzidine
Concen: 3.597 ng
RT: 20.216 min Scan# 2
Delta R.T. 0.384 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:184 Resp: 13466

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.8	17.8#
183	9.5	9.8	14.6#

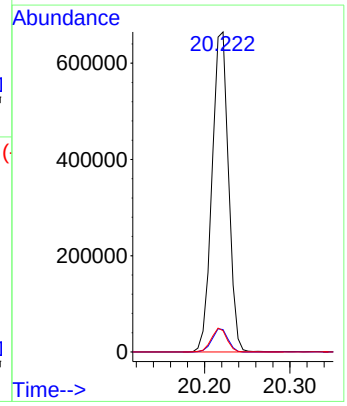


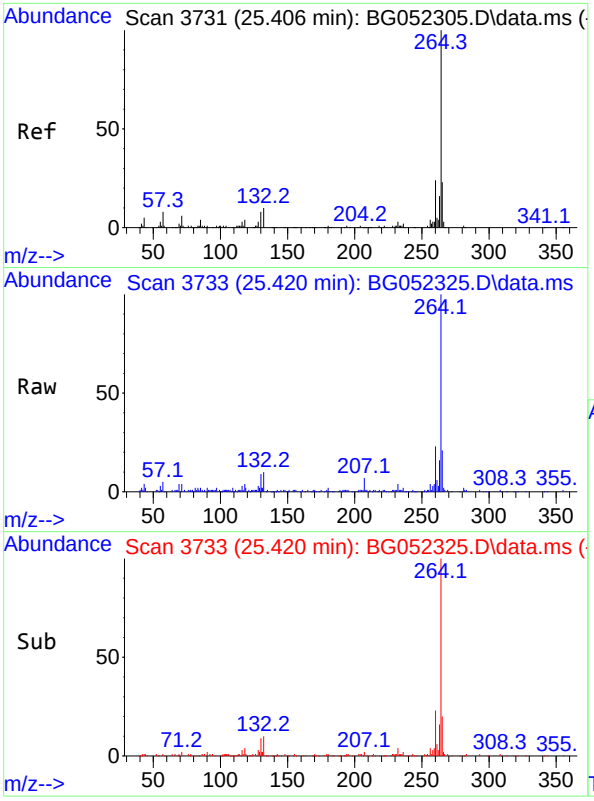


#79
Terphenyl-d14
Concen: 89.848 ng
RT: 20.222 min Scan# 2848
Delta R.T. 0.009 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:244 Resp: 891480

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.6	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.420 min Scan# 3
Delta R.T. 0.014 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Instrument :
BNA_G
ClientSampleId :
SB-5

Tgt Ion:264 Resp: 166302

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	20.8	17.8	26.6