Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052432.D
Acq On : 21 Feb 2022 11:28
Operator : CG/JU
Sample : PB142772BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Quant Time: Feb 21 13:57:17 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	8.222	152	29130	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	122380	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	89436	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	231830	20.000	ng	0.00
76) Chrysene-d12	21.927	240	248260	20.000	ng	#-0.01
86) Perylene-d12	25.393	264	244689	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	240618	143.963	ng	0.00
7) Phenol-d6	7.370	99	324673	125.898	ng	0.00
23) Nitrobenzene-d5	9.391	82	231964	82.378	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	160298	124.756	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	557280	86.582	ng	0.00
79) Terphenyl-d14	20.212	244	1143062	81.306	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.391	70	31909	16.413	ng	# 70
51) 2,6-Dinitrotoluene	14.866	165	12089	8.177	ng	# 16
57) 2,4-Dinitrotoluene	14.866	165	12089	5.745	ng	# 15
67) 4-Bromophenyl-phenylether	16.352	248	9770	3.465	ng	# 1
77) Benzidine	20.212	184	16468	3.104	ng	# 85

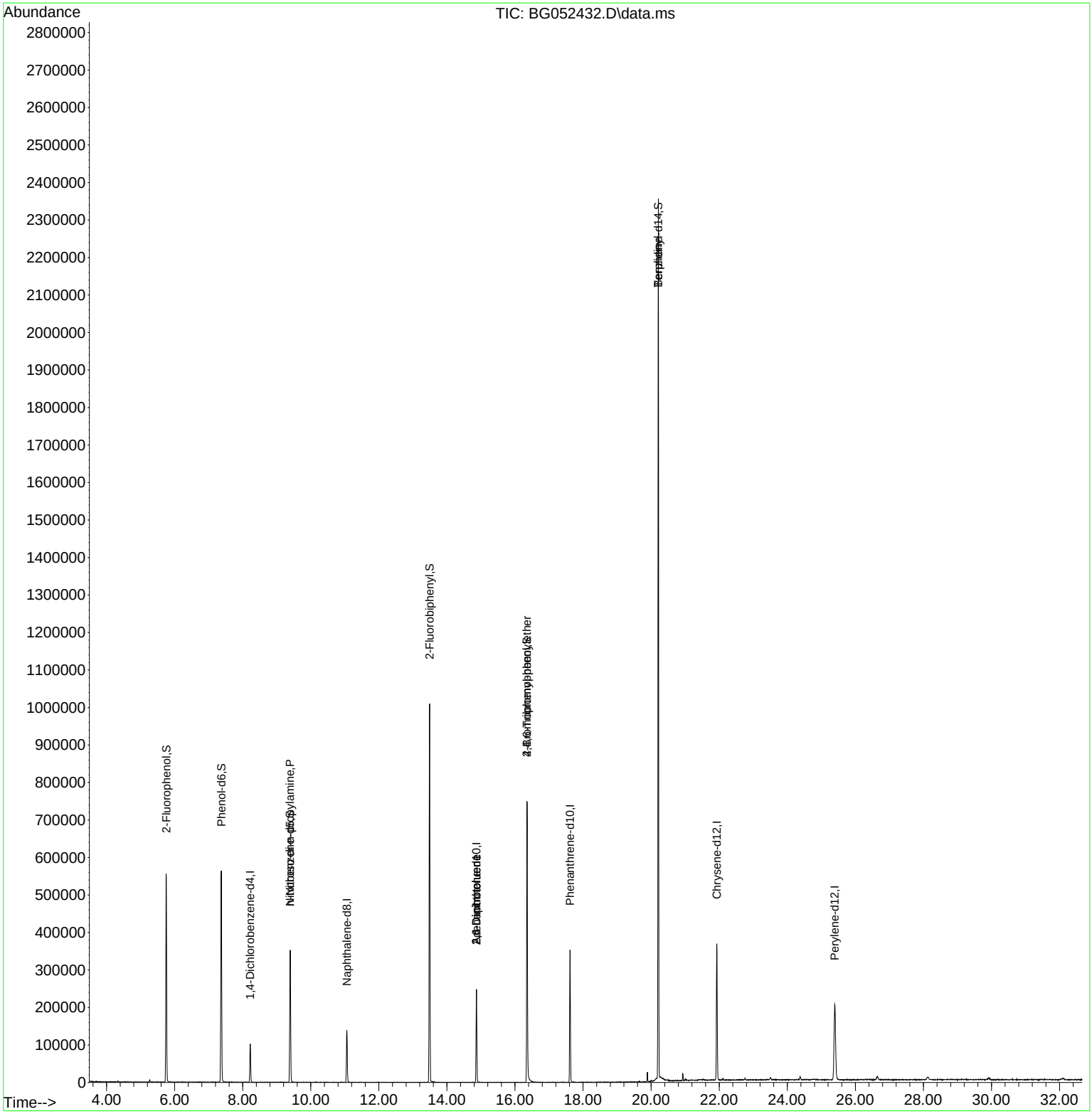
(#) = qualifier out of range (m) = manual integration (+) = signals summed

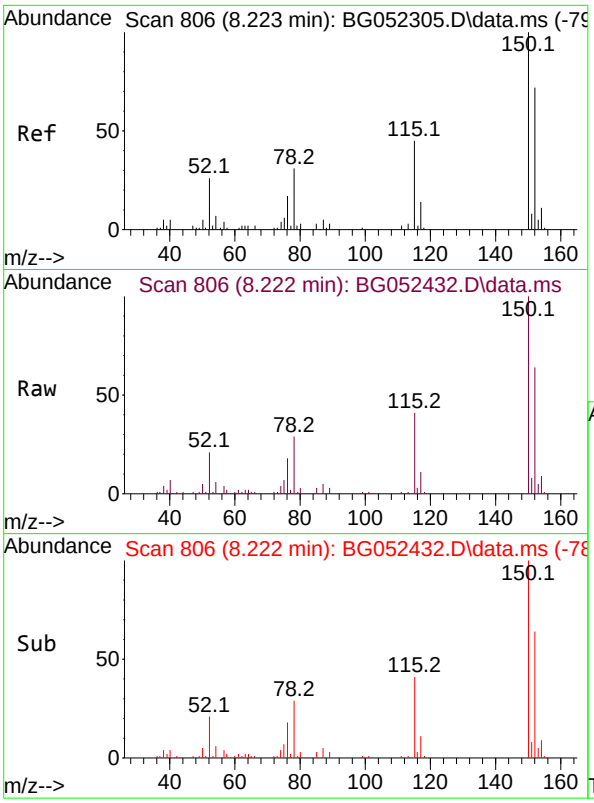
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052432.D
Acq On : 21 Feb 2022 11:28
Operator : CG/JU
Sample : PB142772BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Quant Time: Feb 21 13:57:17 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



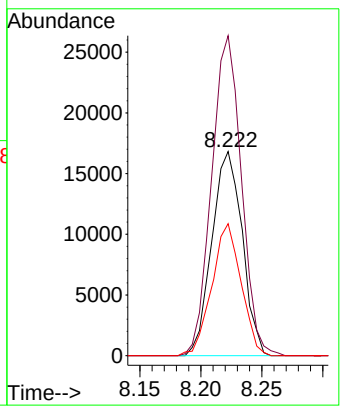


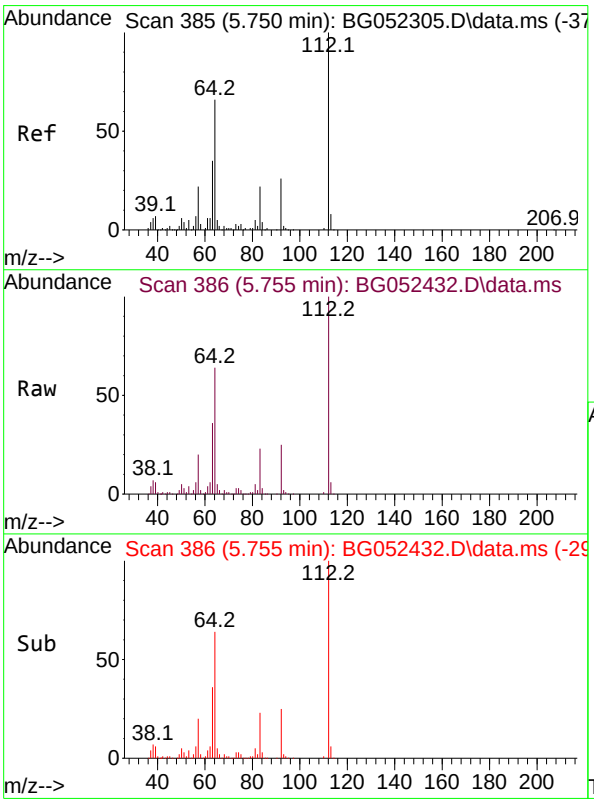
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:152 Resp: 29130

Ion	Ratio	Lower	Upper
152	100		
150	156.8	117.8	176.8
115	64.6	50.2	75.2

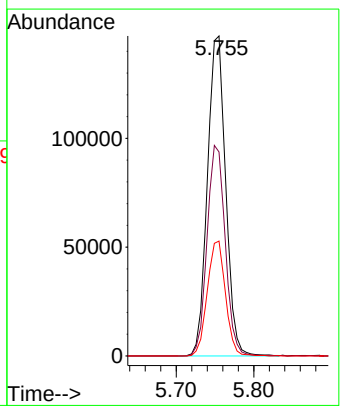


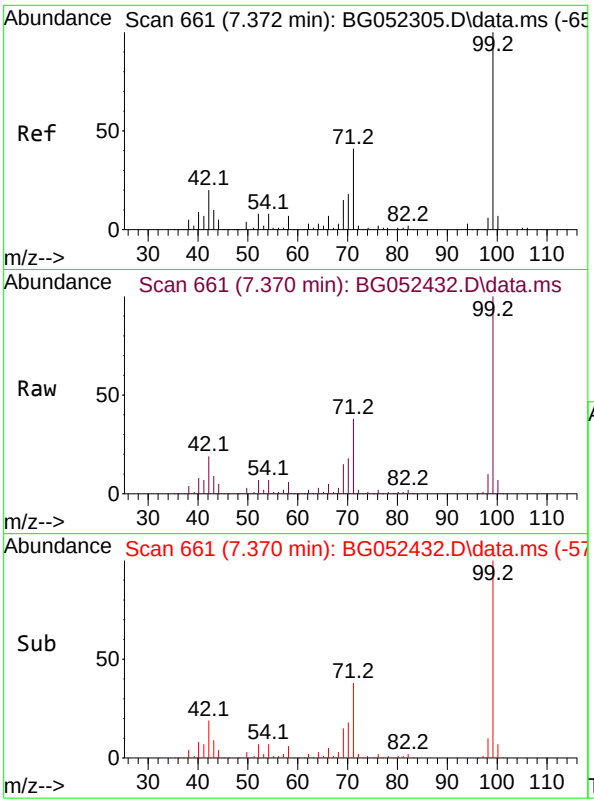


#5
2-Fluorophenol
Concen: 143.963 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion:112 Resp: 240618

Ion	Ratio	Lower	Upper
112	100		
64	63.8	60.4	90.6
63	35.9	33.3	49.9



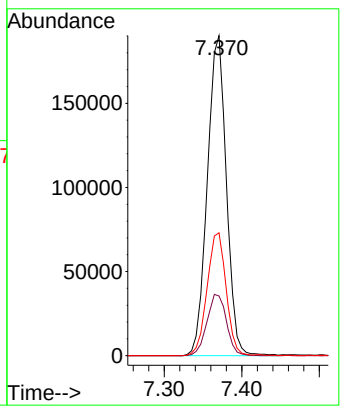


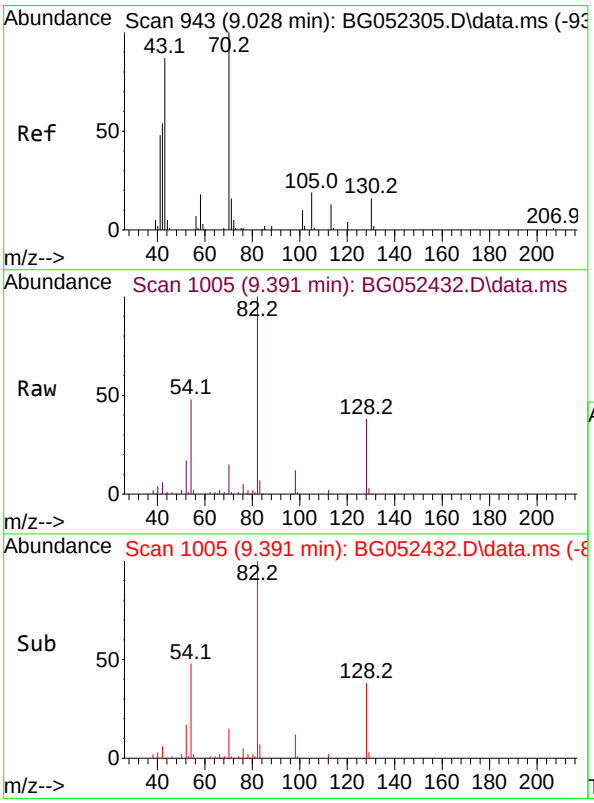
#7
Phenol-d6
Concen: 125.898 ng
RT: 7.370 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion: 99 Resp: 324673

Ion	Ratio	Lower	Upper
99	100		
42	18.7	19.1	28.7#
71	38.4	33.4	50.2

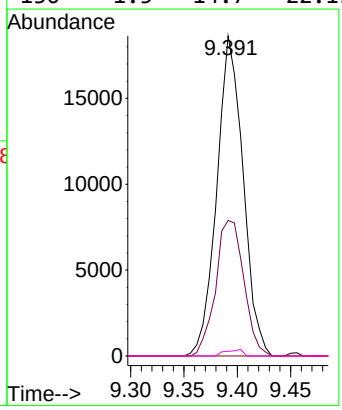


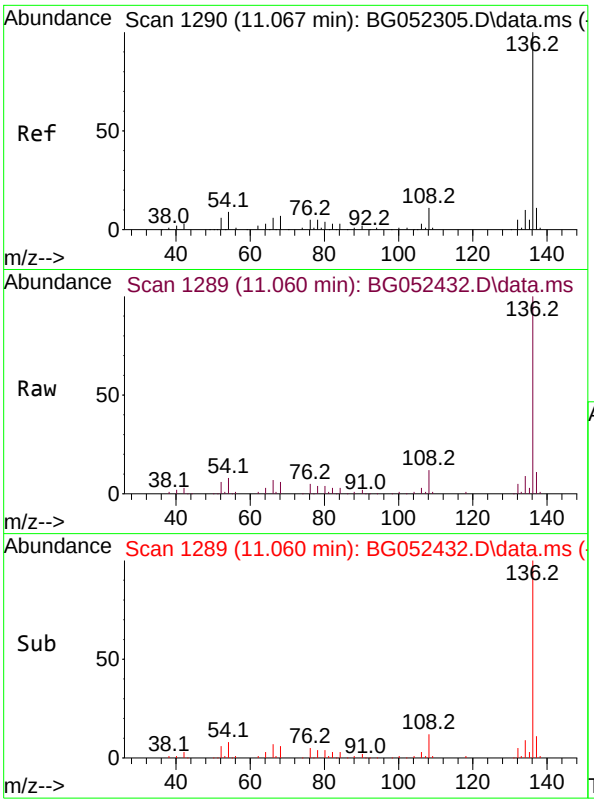


#19
n-Nitroso-di-n-propylamine
Concen: 16.413 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion: 70 Resp: 31909

Ion	Ratio	Lower	Upper
70	100		
42	42.3	51.8	77.6#
101	0.0	6.6	10.0#
130	1.5	14.7	22.1#



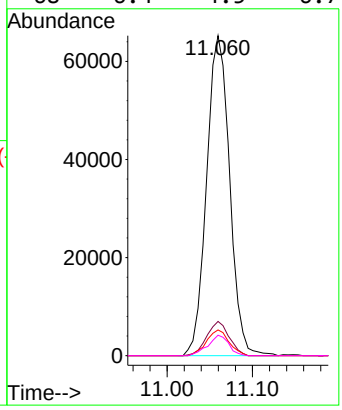


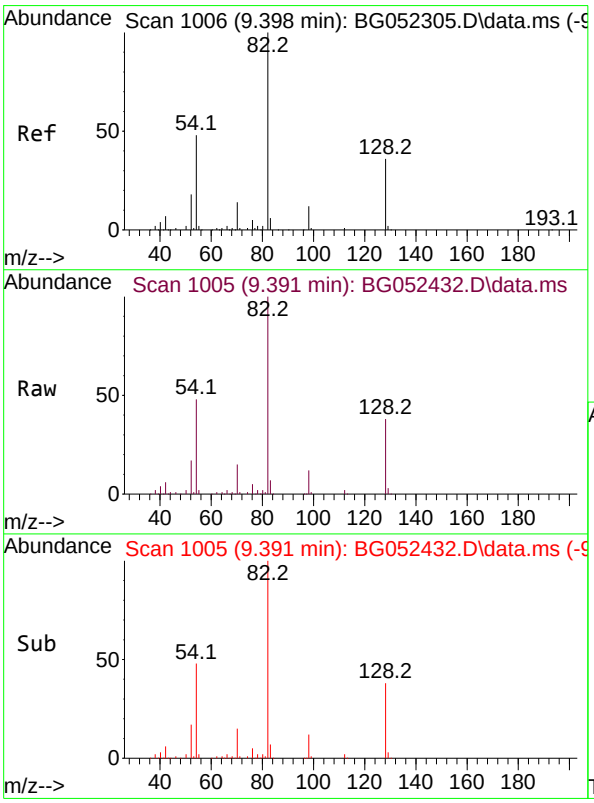
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:136 Resp: 122380

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.0	8.3	12.5#
68	6.4	4.5	6.7

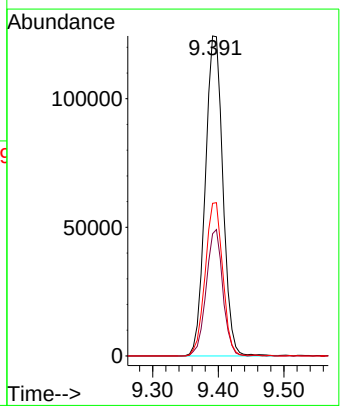


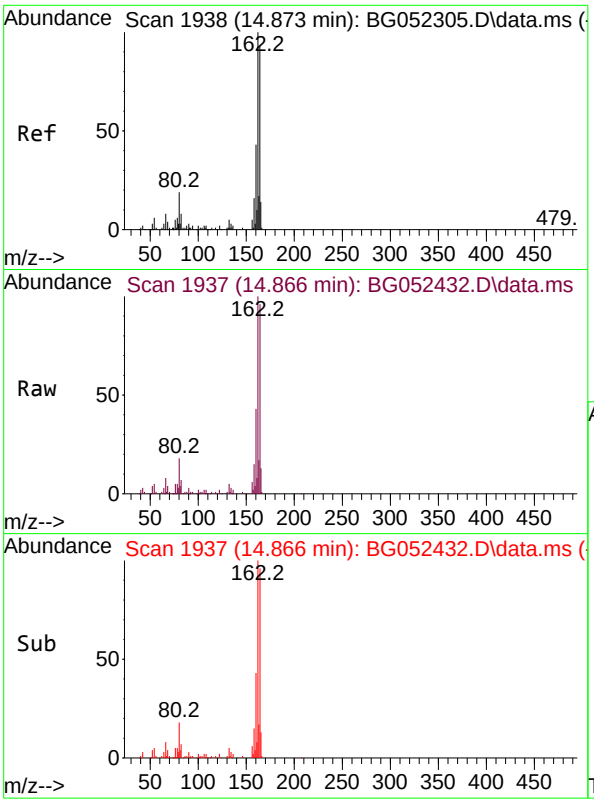


#23
Nitrobenzene-d5
Concen: 82.378 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion: 82 Resp: 231964

Ion	Ratio	Lower	Upper
82	100		
128	38.2	27.0	40.4
54	47.7	41.0	61.6



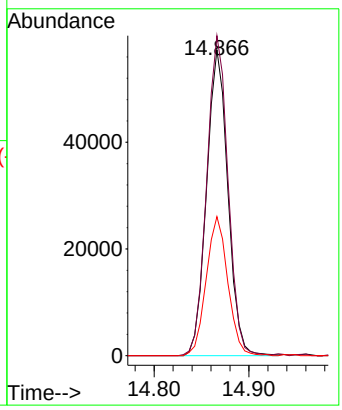


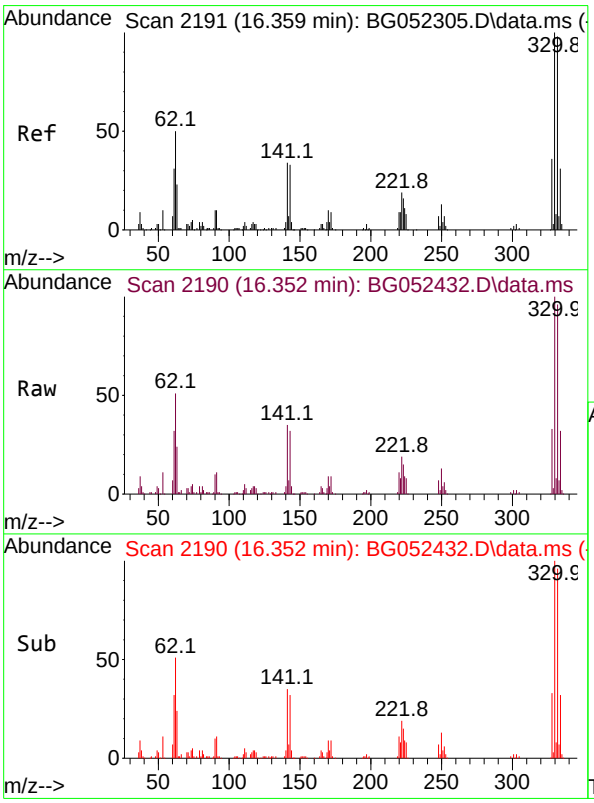
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:164 Resp: 89436

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.2
160	45.5	36.2	54.2

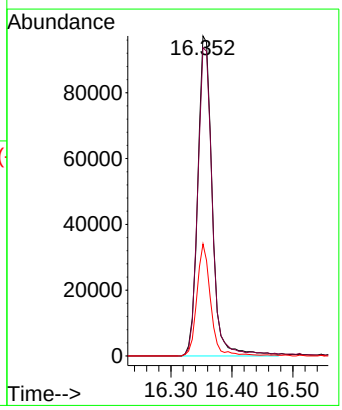


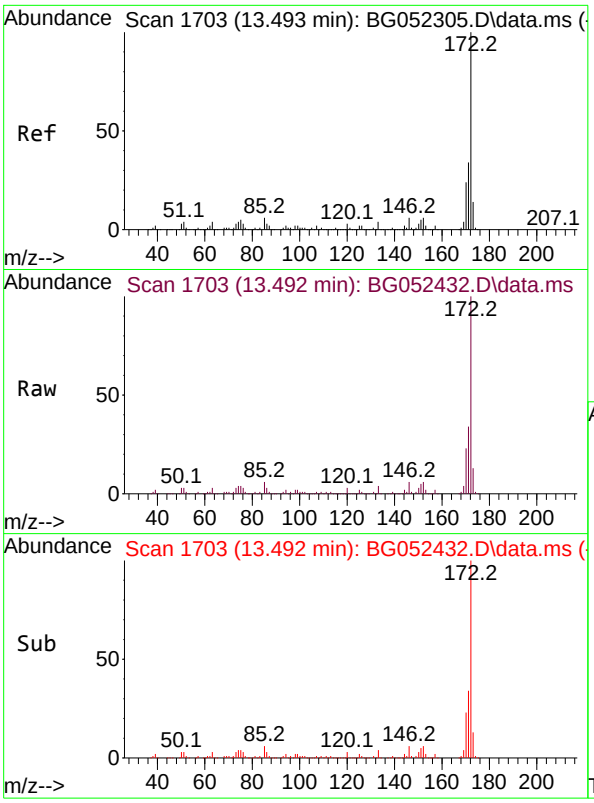


#42
2,4,6-Tribromophenol
Concen: 124.756 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion:330 Resp: 160298

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	117.8
141	33.1	28.8	43.2



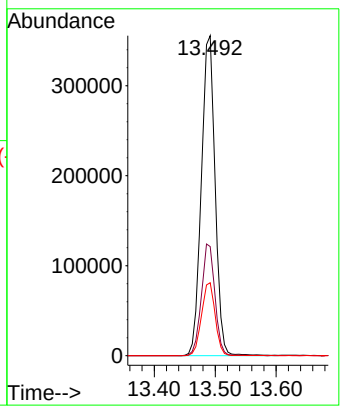


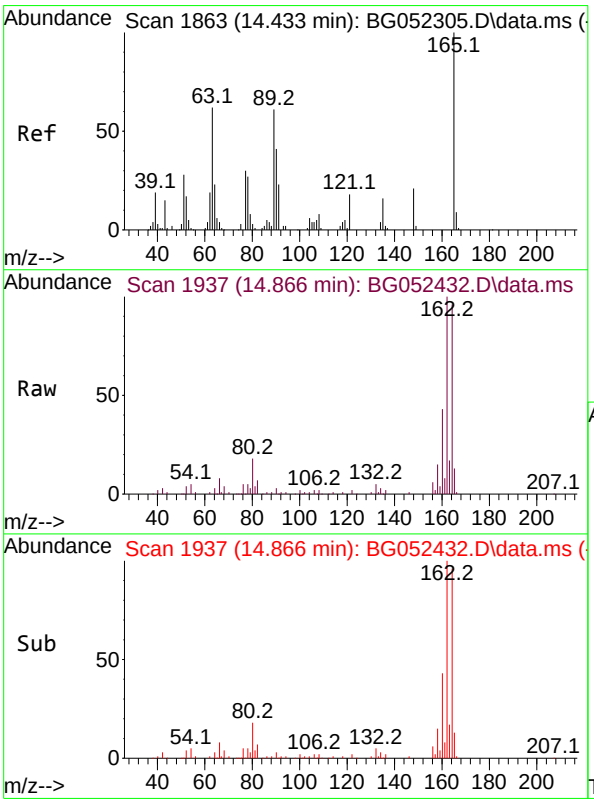
#45
2-Fluorobiphenyl
Concen: 86.582 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:172 Resp: 557280

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.3	42.5
170	22.8	18.3	27.5

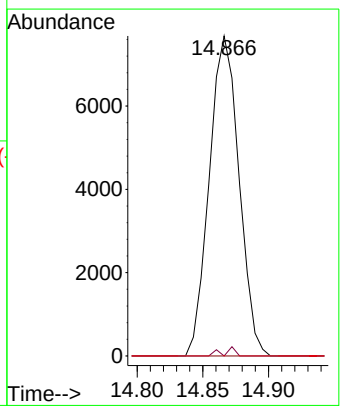


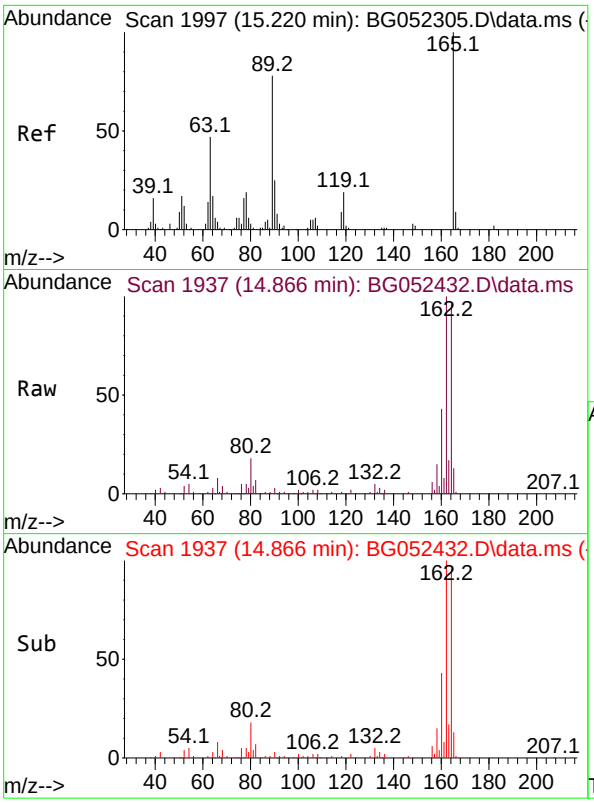


#51
2,6-Dinitrotoluene
Concen: 8.177 ng
RT: 14.866 min Scan# 1937
Delta R.T. 0.434 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion:165 Resp: 12089

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



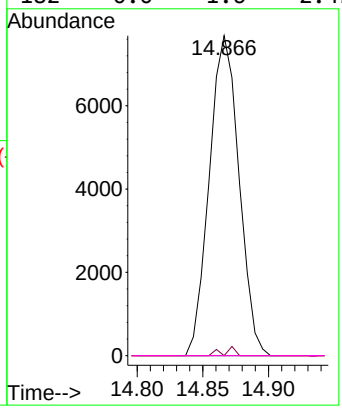


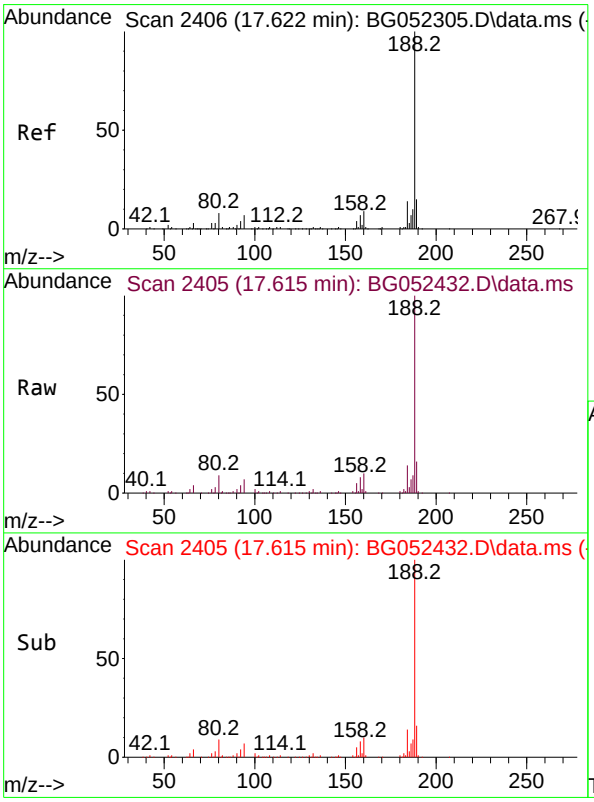
#57
2,4-Dinitrotoluene
Concen: 5.745 ng
RT: 14.866 min Scan# 1
Delta R.T. -0.354 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:165 Resp: 12089

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

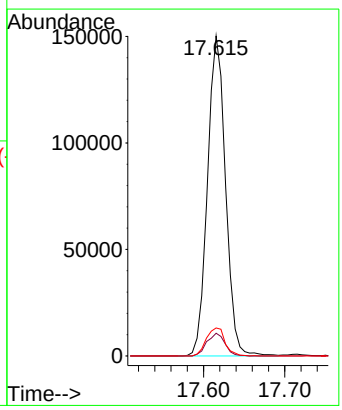


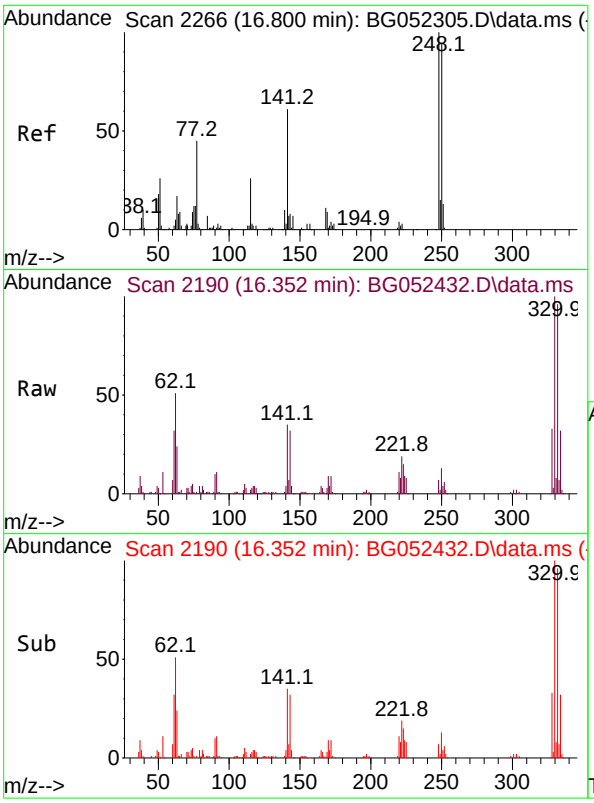


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion:188 Resp: 231830

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.9	8.9
80	8.7	6.6	10.0



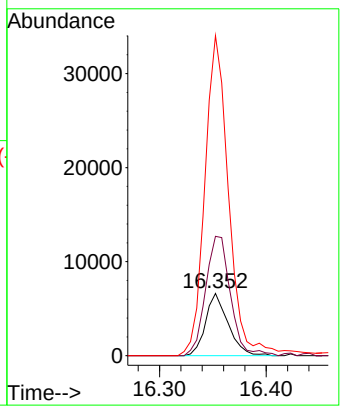


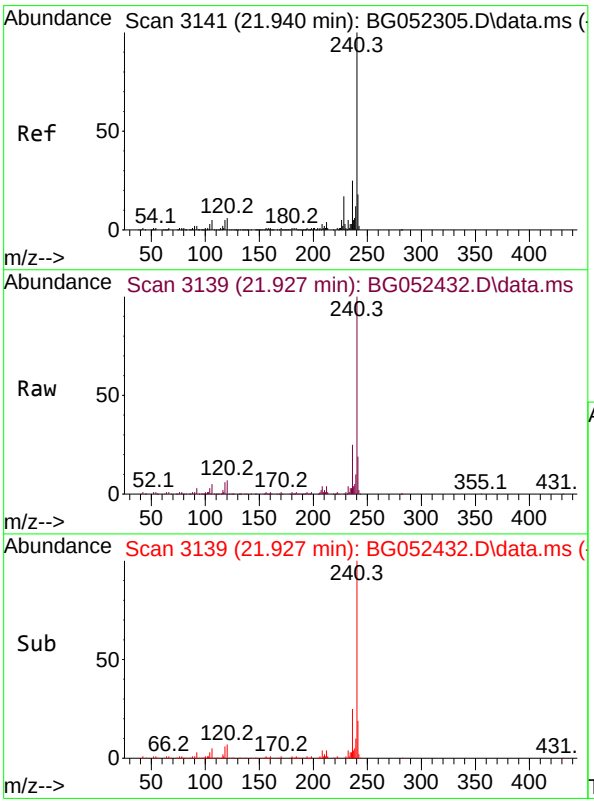
#67
4-Bromophenyl-phenylether
Concen: 3.465 ng
RT: 16.352 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:248 Resp: 9770

Ion	Ratio	Lower	Upper
248	100		
250	191.6	79.6	119.4#
141	513.5	54.6	81.8#

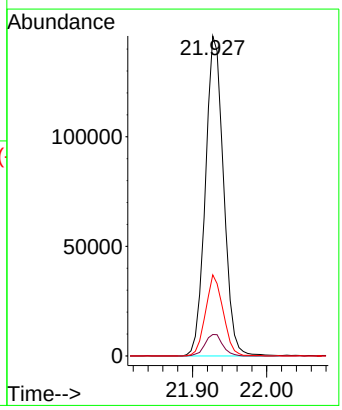


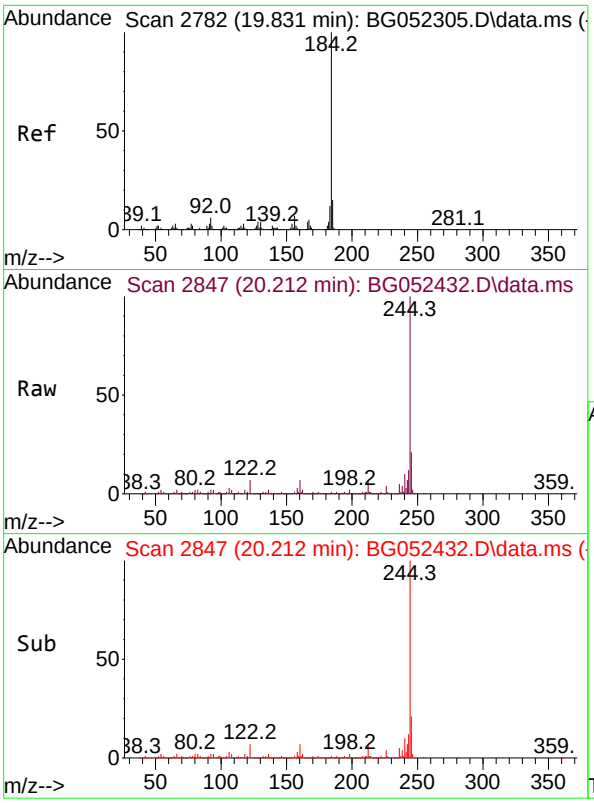


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3139
Delta R.T. -0.013 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion:240 Resp: 248260

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.4	6.6#
236	25.4	20.8	31.2



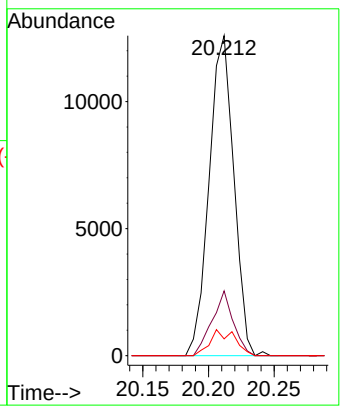


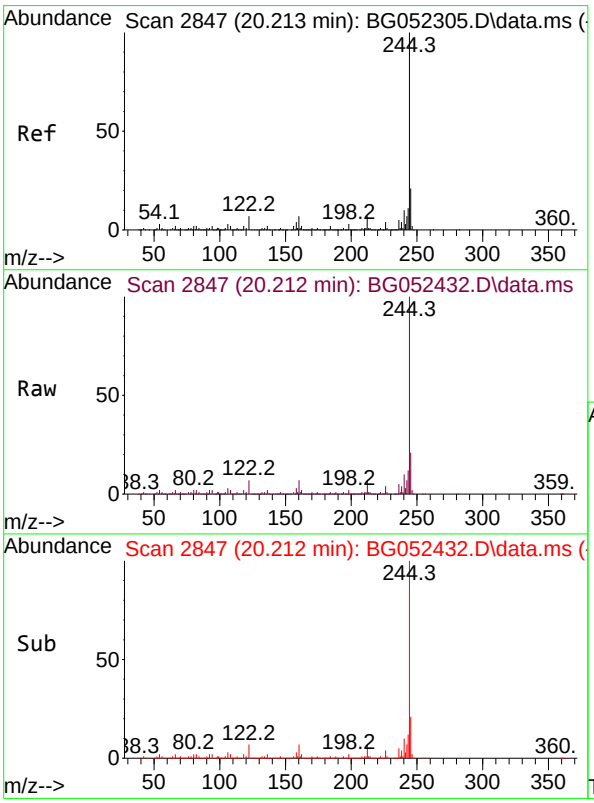
#77
Benzidine
Concen: 3.104 ng
RT: 20.212 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:184 Resp: 16468

Ion	Ratio	Lower	Upper
184	100		
185	20.3	11.8	17.8#
183	5.2	9.8	14.6#

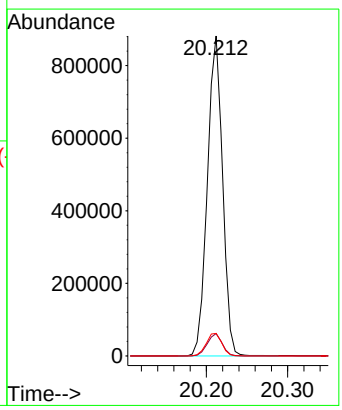


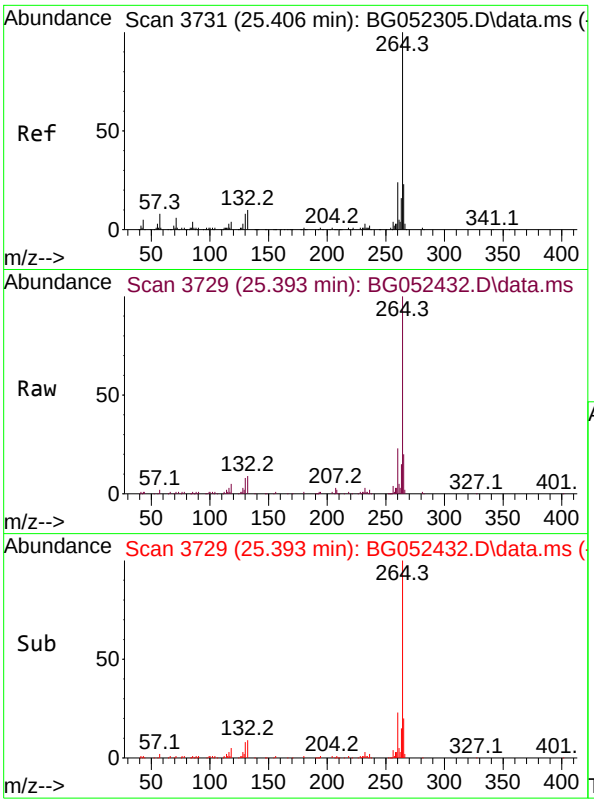


#79
Terphenyl-d14
Concen: 81.306 ng
RT: 20.212 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Tgt Ion:244 Resp: 1143062

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	7.1	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.393 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG052432.D
Acq: 21 Feb 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB142772BL

Tgt Ion:264 Resp: 244689

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	19.9	17.8	26.6