Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052372.D
Acq On : 11 Feb 2022 16:26
Operator : CG/JU
Sample : PB142443BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Quant Time: Feb 11 17:05:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 11 13:59:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	25446	20.000	ng	0.01
21) Naphthalene-d8	11.074	136	100737	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	72591	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	192354	20.000	ng	0.00
76) Chrysene-d12	21.942	240	218881	20.000	ng	0.00
86) Perylene-d12	25.413	264	216559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	200229	137.142	ng	0.01
7) Phenol-d6	7.385	99	273164	121.260	ng	0.01
23) Nitrobenzene-d5	9.406	82	191065	82.432	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	142633	136.768	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	453000	86.713	ng	0.00
79) Terphenyl-d14	20.220	244	1034171	83.434	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.412	70	26978	15.885	ng	# 73
51) 2,6-Dinitrotoluene	14.875	165	9940	8.283	ng	# 16
57) 2,4-Dinitrotoluene	14.875	165	9940	5.820	ng	# 15
67) 4-Bromophenyl-phenylether	16.361	248	9531	4.074	ng	# 1
77) Benzidine	20.220	184	14744	3.152	ng	# 94

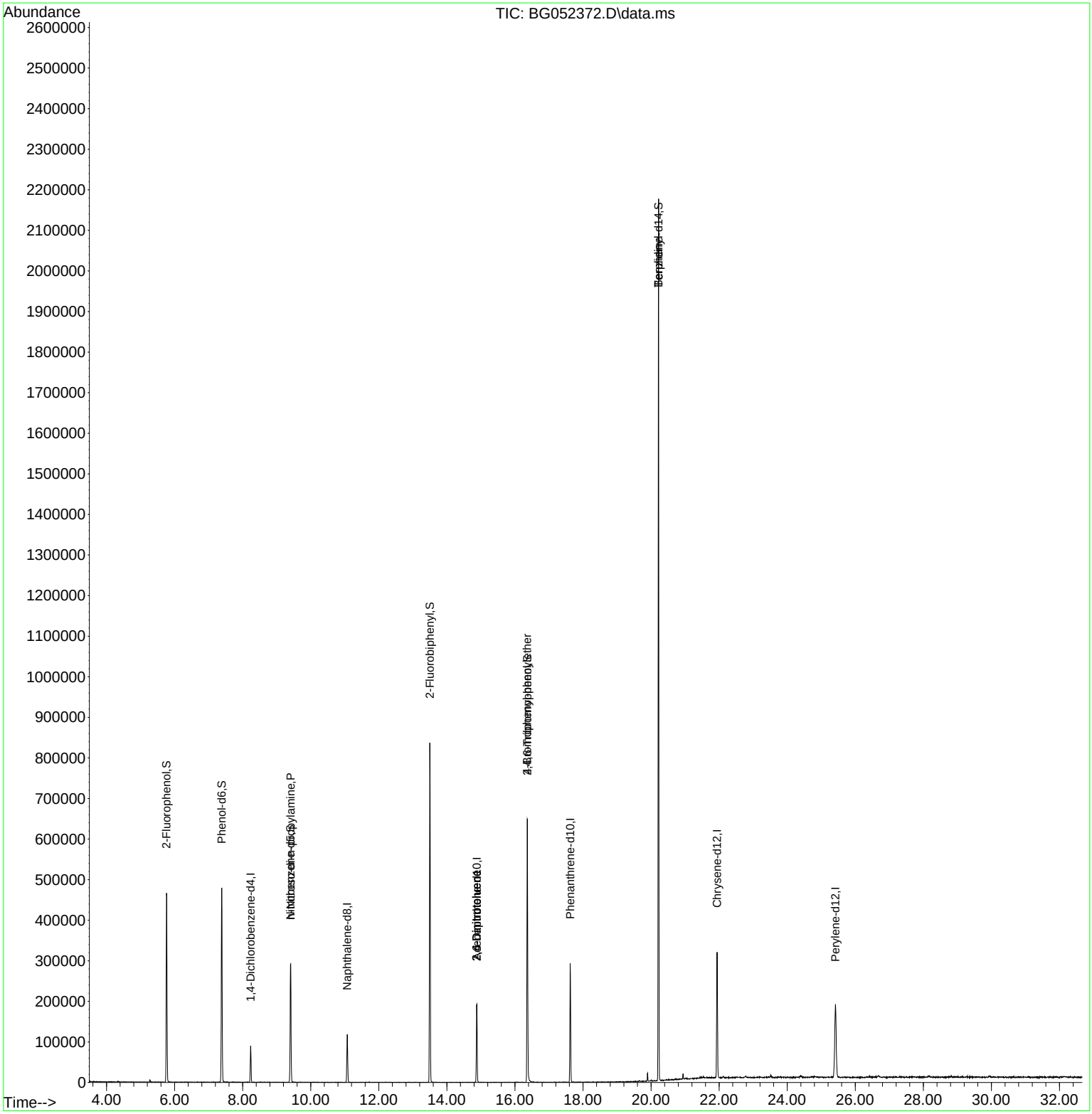
(#) = qualifier out of range (m) = manual integration (+) = signals summed

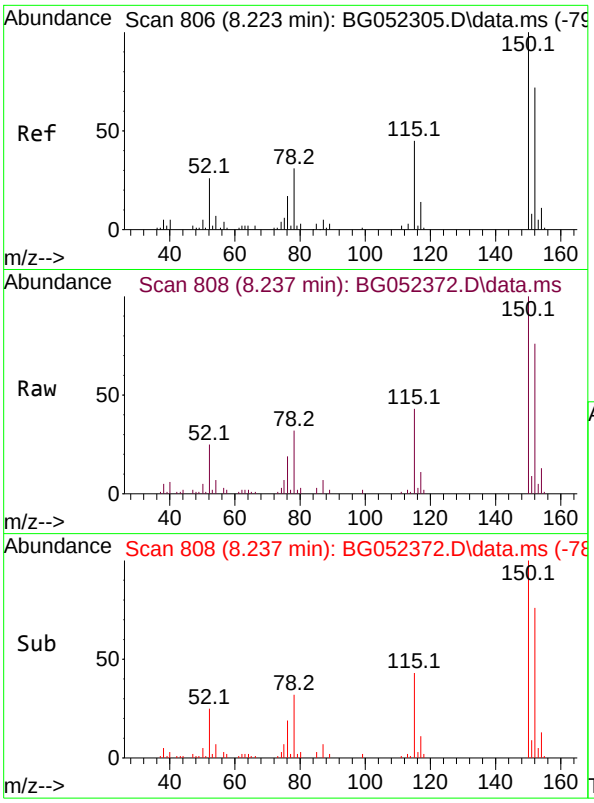
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052372.D
Acq On : 11 Feb 2022 16:26
Operator : CG/JU
Sample : PB142443BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Quant Time: Feb 11 17:05:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 11 13:59:40 2022
Response via : Initial Calibration



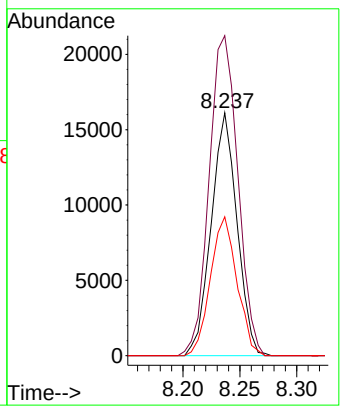


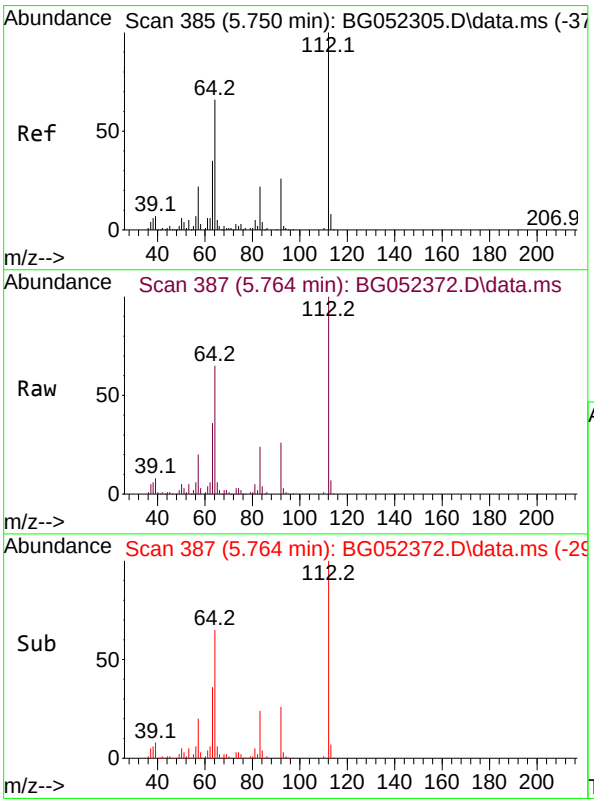
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.237 min Scan# 8
Delta R.T. 0.014 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:152 Resp: 25446

Ion	Ratio	Lower	Upper
152	100		
150	131.8	117.8	176.8
115	57.2	50.2	75.2

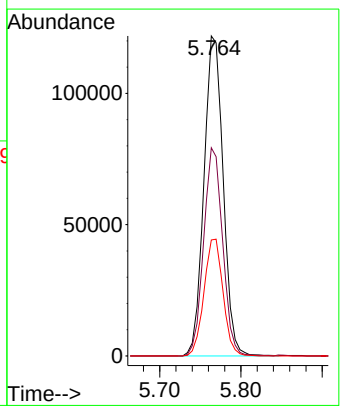


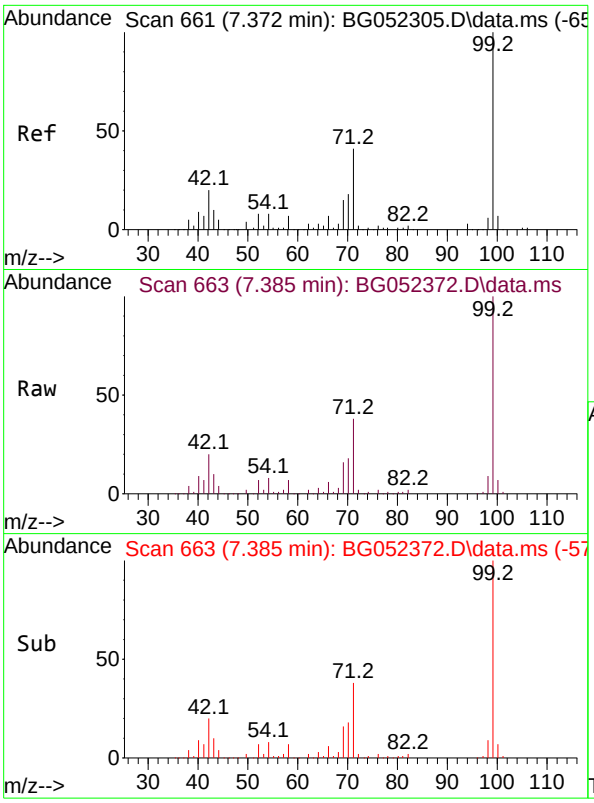


#5
2-Fluorophenol
Concen: 137.142 ng
RT: 5.764 min Scan# 387
Delta R.T. 0.013 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion:112 Resp: 200229

Ion	Ratio	Lower	Upper
112	100		
64	65.1	60.4	90.6
63	36.2	33.3	49.9



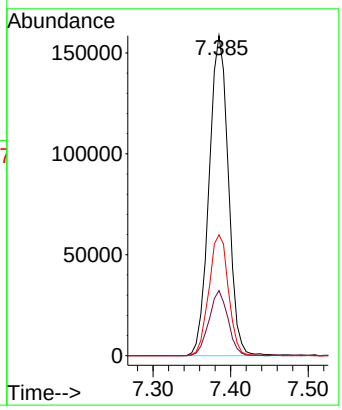


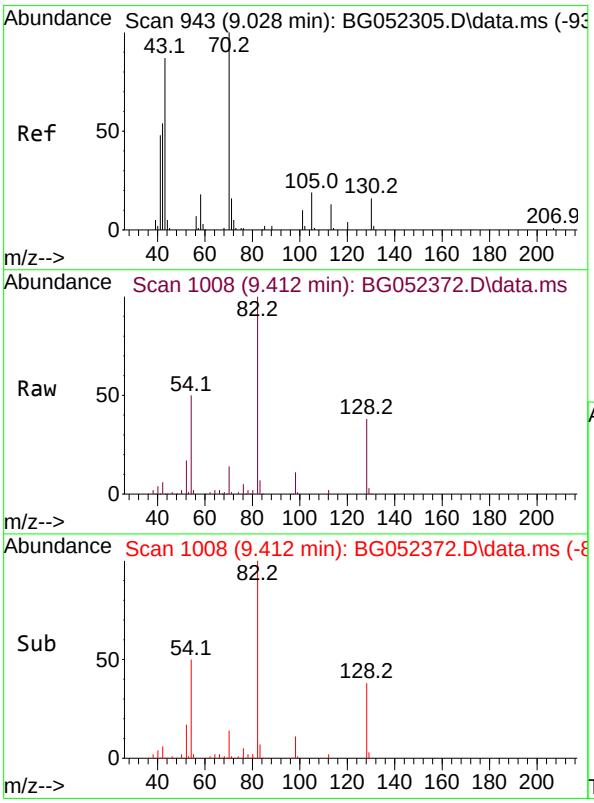
#7
Phenol-d6
Concen: 121.260 ng
RT: 7.385 min Scan# 6
Delta R.T. 0.013 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion: 99 Resp: 273164

Ion	Ratio	Lower	Upper
99	100		
42	20.4	19.1	28.7
71	37.8	33.4	50.2

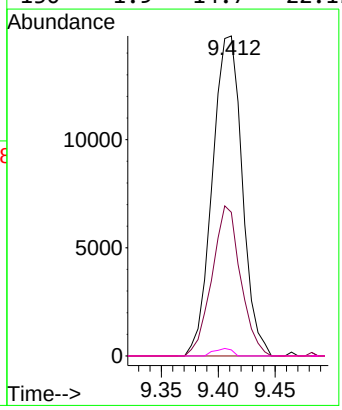


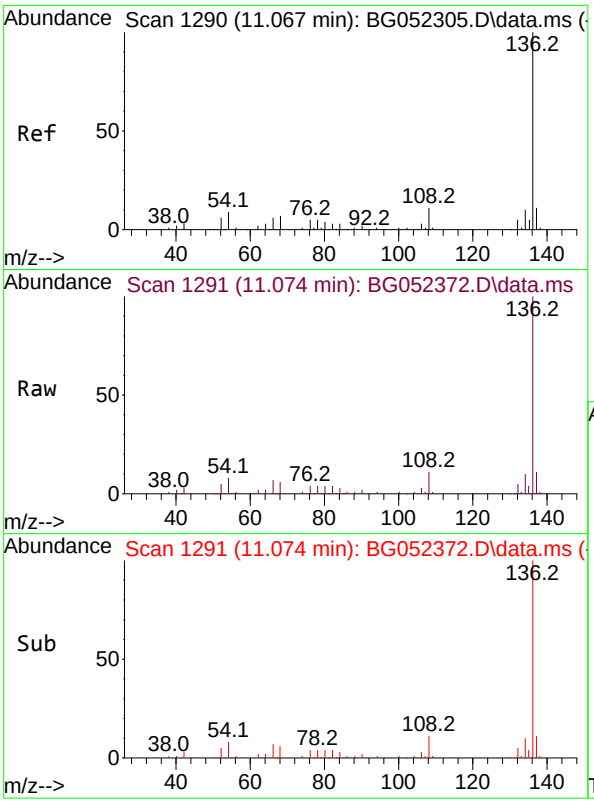


#19
n-Nitroso-di-n-propylamine
Concen: 15.885 ng
RT: 9.412 min Scan# 1008
Delta R.T. 0.383 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion: 70 Resp: 26978

Ion	Ratio	Lower	Upper
70	100		
42	44.9	51.8	77.6#
101	0.0	6.6	10.0#
130	1.9	14.7	22.1#



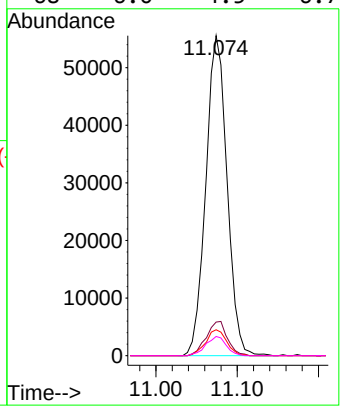


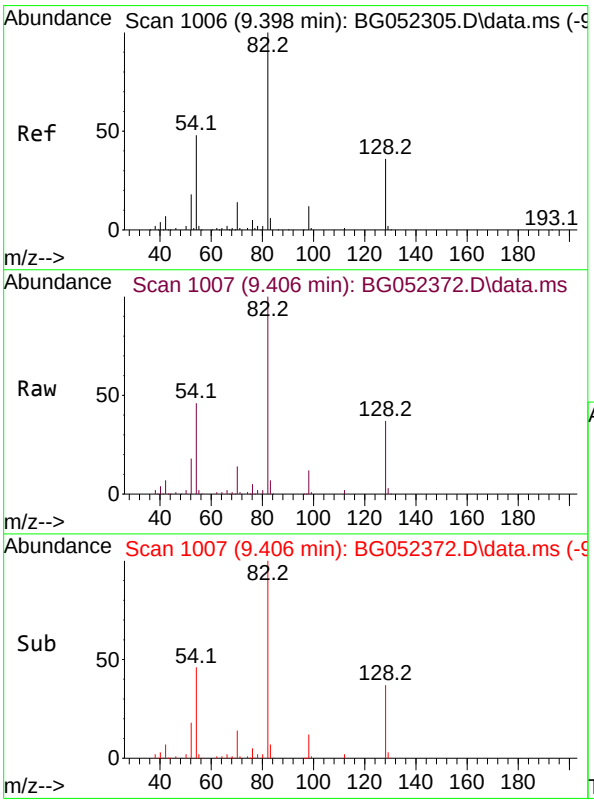
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:136 Resp: 100737

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.1	8.3	12.5#
68	6.0	4.5	6.7

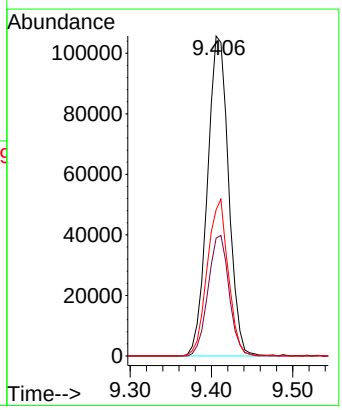


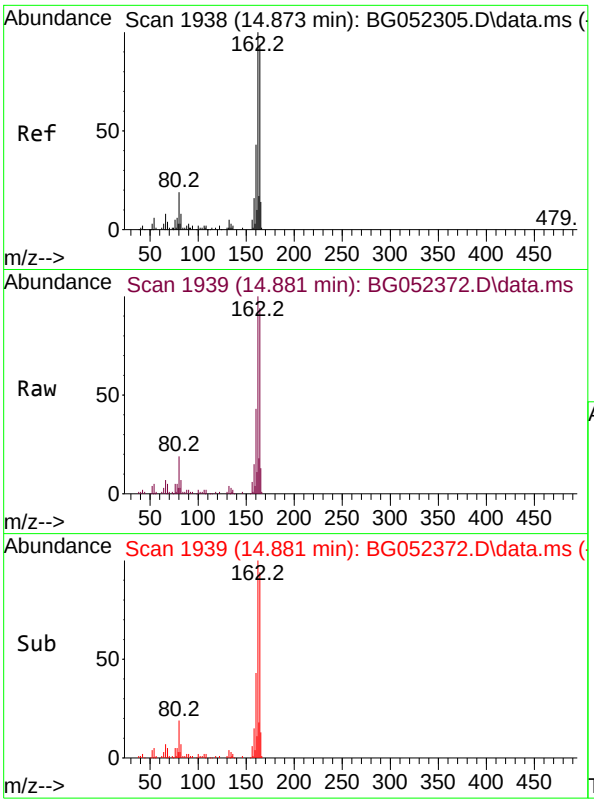


#23
Nitrobenzene-d5
Concen: 82.432 ng
RT: 9.406 min Scan# 1007
Delta R.T. 0.007 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion: 82 Resp: 191065

Ion	Ratio	Lower	Upper
82	100		
128	36.9	27.0	40.4
54	45.7	41.0	61.6



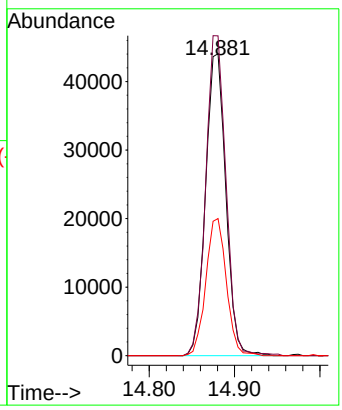


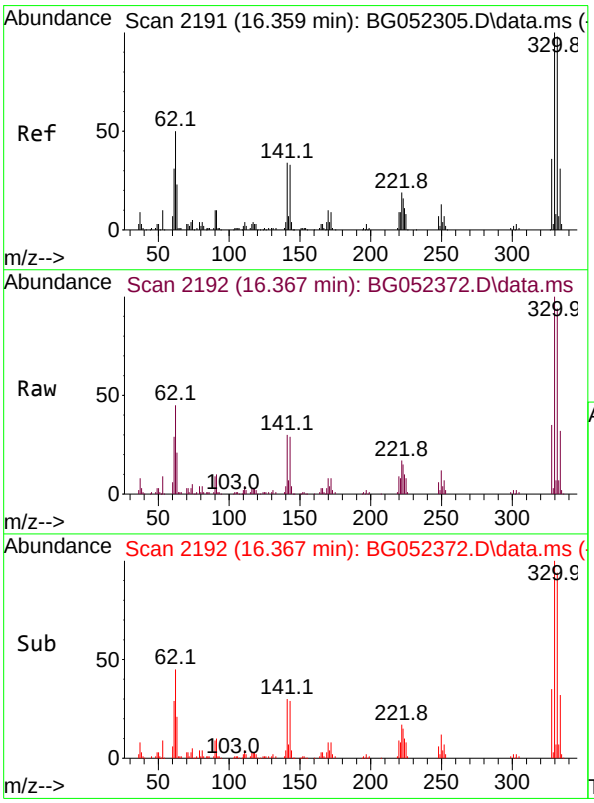
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:164 Resp: 72591

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.2	123.2
160	45.4	36.2	54.2

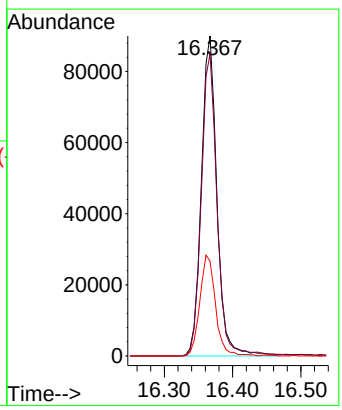


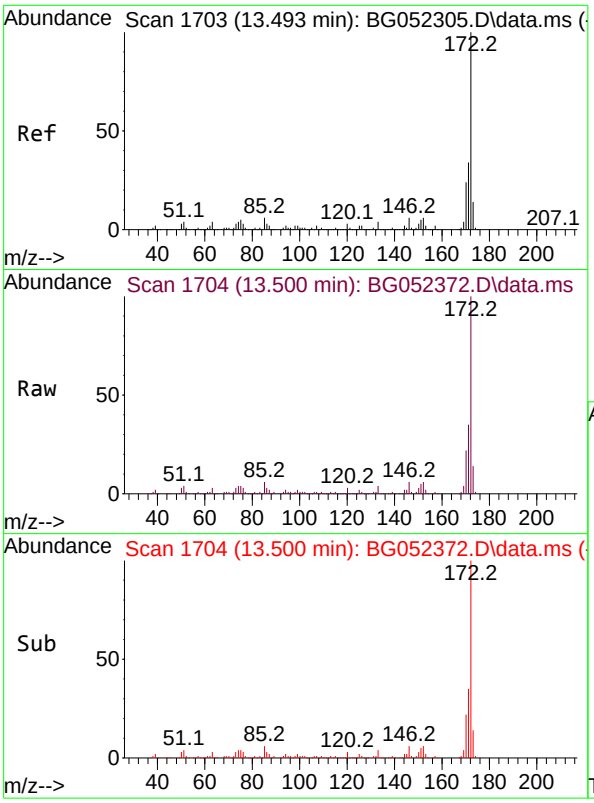


#42
2,4,6-Tribromophenol
Concen: 136.768 ng
RT: 16.367 min Scan# 2192
Delta R.T. 0.008 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion:330 Resp: 142633

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.6	117.8
141	31.7	28.8	43.2



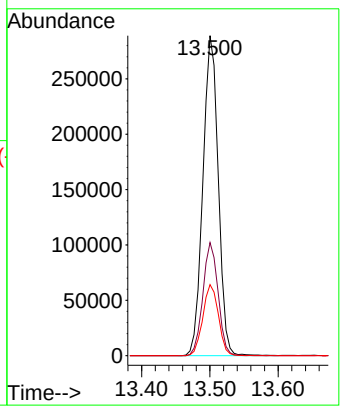


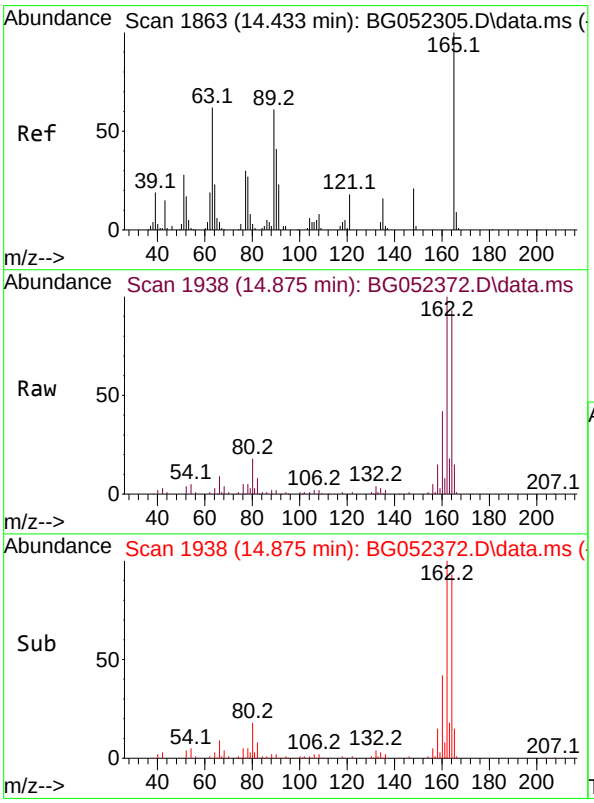
#45
2-Fluorobiphenyl
Concen: 86.713 ng
RT: 13.500 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:172 Resp: 453000

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.2	18.3	27.5

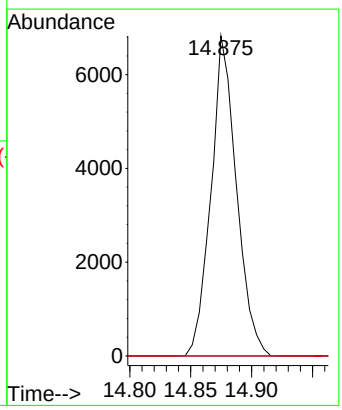


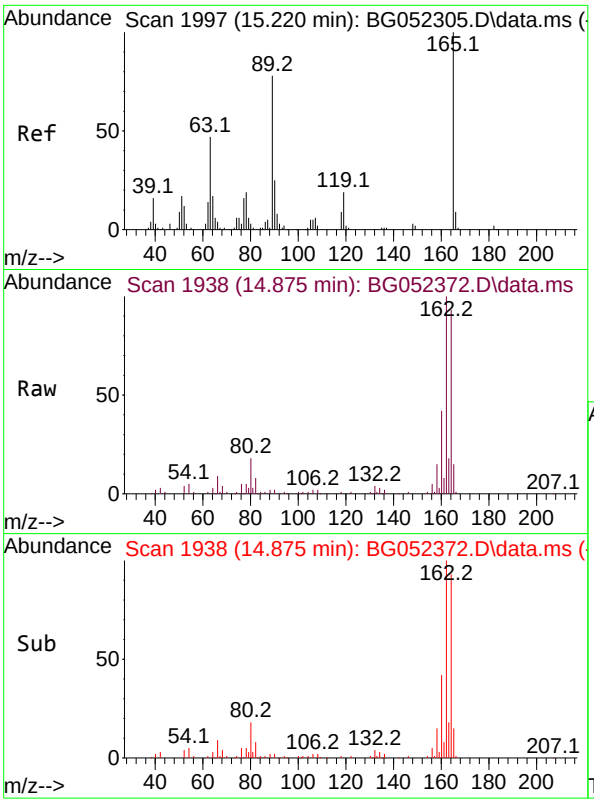


#51
2,6-Dinitrotoluene
Concen: 8.283 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.442 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion:165 Resp: 9940

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



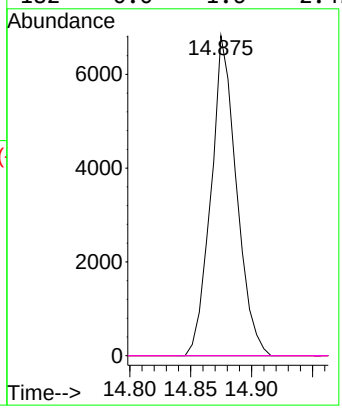


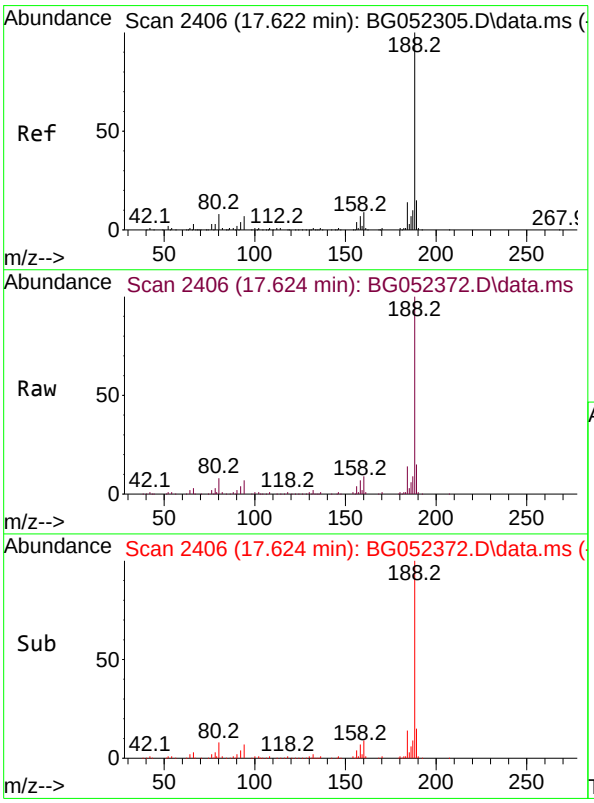
#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 14.875 min Scan# 1
Delta R.T. -0.345 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:165 Resp: 9940

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#

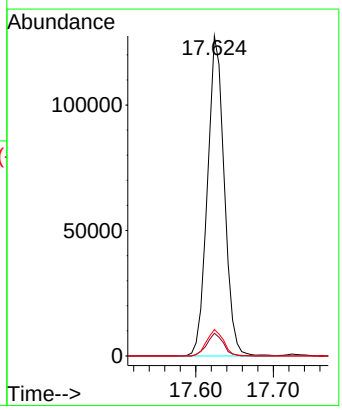


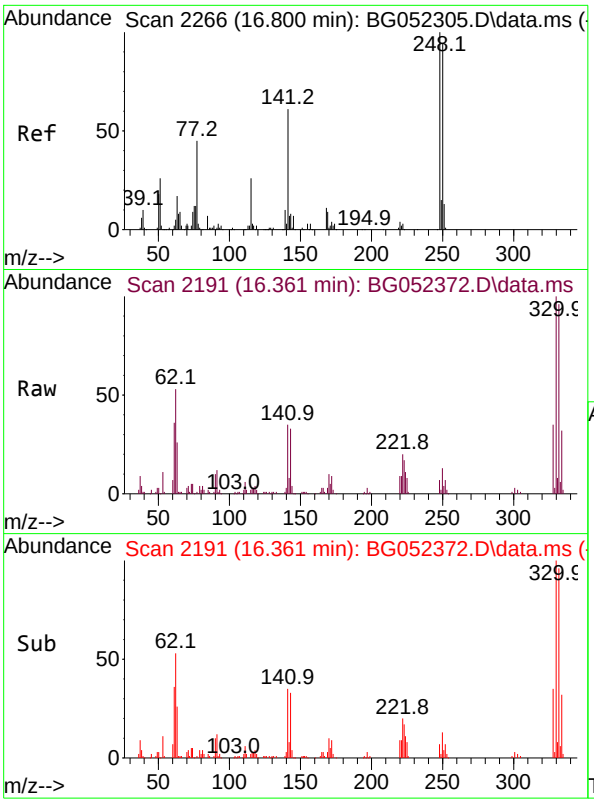


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion:188 Resp: 192354

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.9	8.9
80	8.2	6.6	10.0



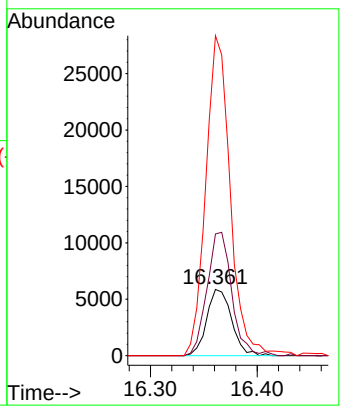


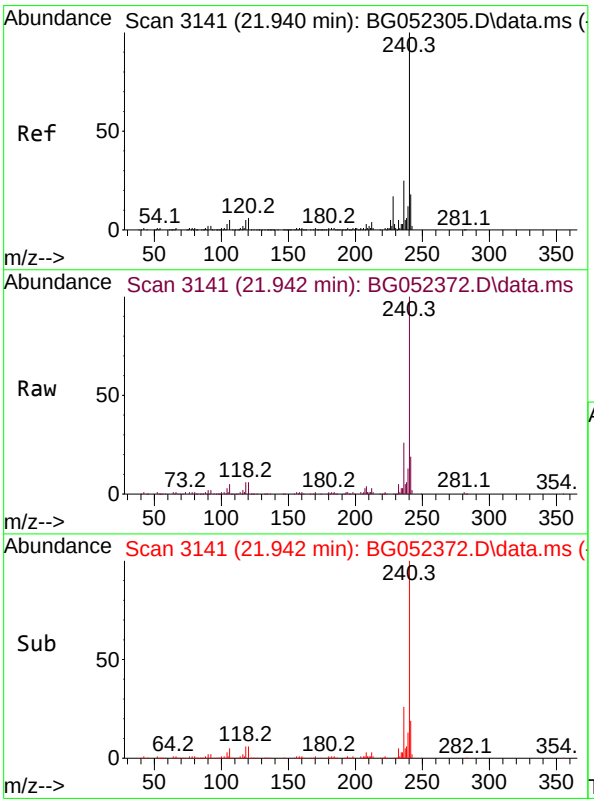
#67
4-Bromophenyl-phenylether
Concen: 4.074 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:248 Resp: 9531

Ion	Ratio	Lower	Upper
248	100		
250	183.7	79.6	119.4#
141	482.6	54.6	81.8#

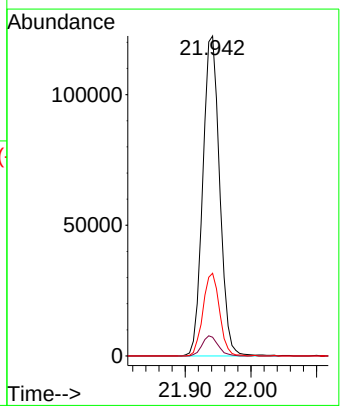


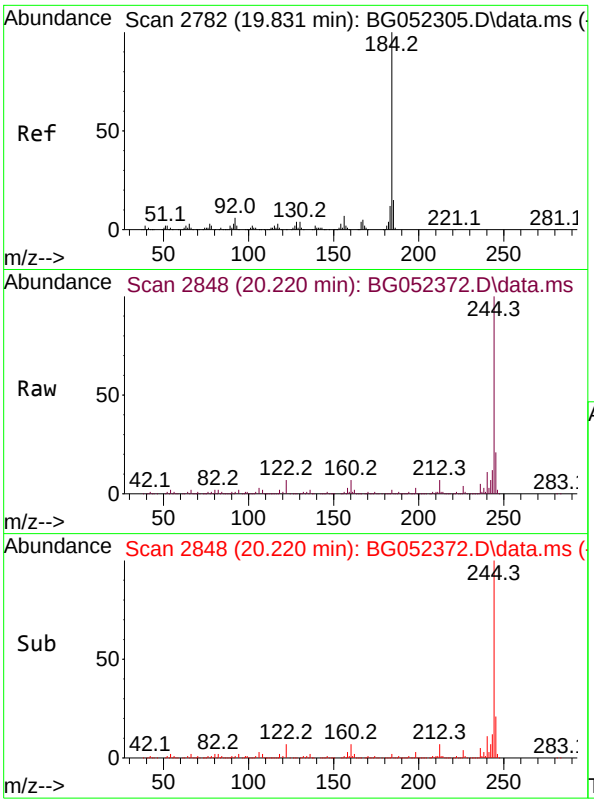


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion:240 Resp: 218881

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.4	6.6
236	25.8	20.8	31.2



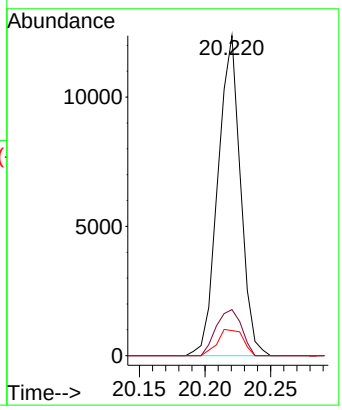


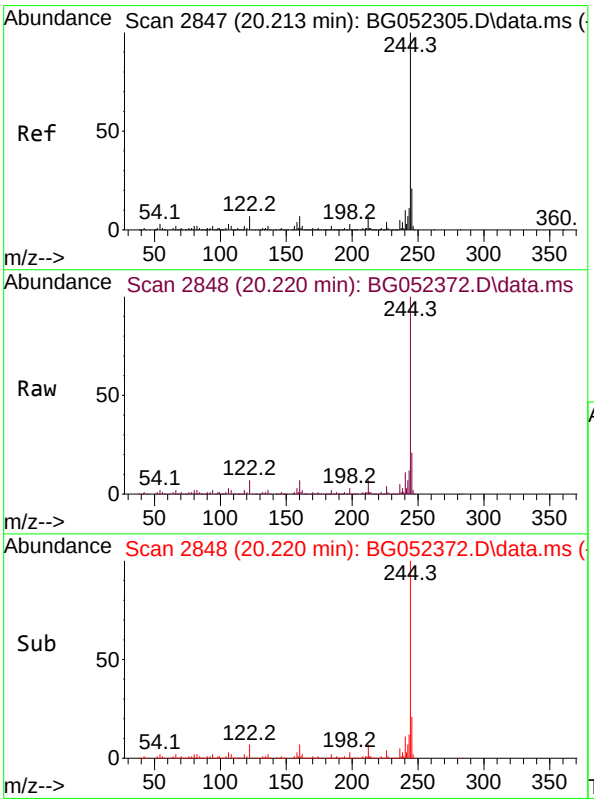
#77
Benzidine
Concen: 3.152 ng
RT: 20.220 min Scan# 2
Delta R.T. 0.389 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:184 Resp: 14744

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	7.8	9.8	14.6#

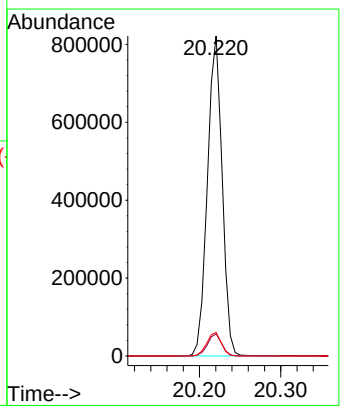


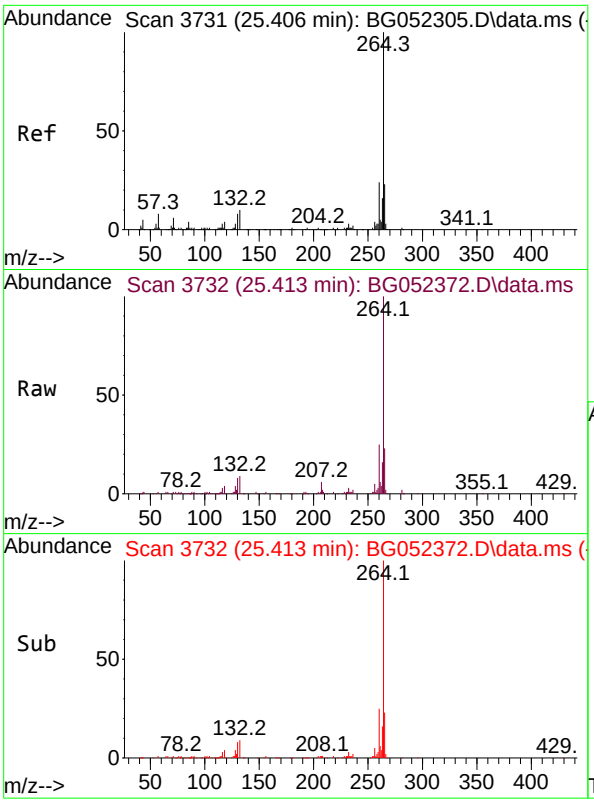


#79
Terphenyl-d14
Concen: 83.434 ng
RT: 20.220 min Scan# 2848
Delta R.T. 0.007 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Tgt Ion:244 Resp: 1034171

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	7.4	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.413 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG052372.D
Acq: 11 Feb 2022 16:26

Instrument :
BNA_G
ClientSampleId :
PB142443BL

Tgt Ion:264 Resp: 216559

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.5	27.7
265	22.5	17.8	26.6