Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
Data File : BG052338.D
Acq On : 9 Feb 2022 17:05
Operator : CG/JU
Sample : N1423-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-23

Quant Time: Feb 10 00:07:06 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	8.223	152	25720	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	107602	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	84027	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	206391	20.000	ng	0.00
76) Chrysene-d12	21.940	240	194345	20.000	ng	0.00
86) Perylene-d12	25.412	264	197862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	132494	89.782	ng	0.00
7) Phenol-d6	7.372	99	190148	83.509	ng	0.00
23) Nitrobenzene-d5	9.398	82	133758	54.026	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	109978	91.103	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	321884	53.229	ng	0.00
79) Terphenyl-d14	20.219	244	609178	55.351	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.377	77	307	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.398	70	18426	10.734	ng	# 78
51) 2,6-Dinitrotoluene	14.873	165	11014	7.929	ng	# 16
57) 2,4-Dinitrotoluene	14.873	165	11014	5.571	ng	# 15
67) 4-Bromophenyl-phenylether	16.359	248	7210	2.873	ng	# 1
77) Benzidine	20.213	184	8348	2.010	ng	# 94

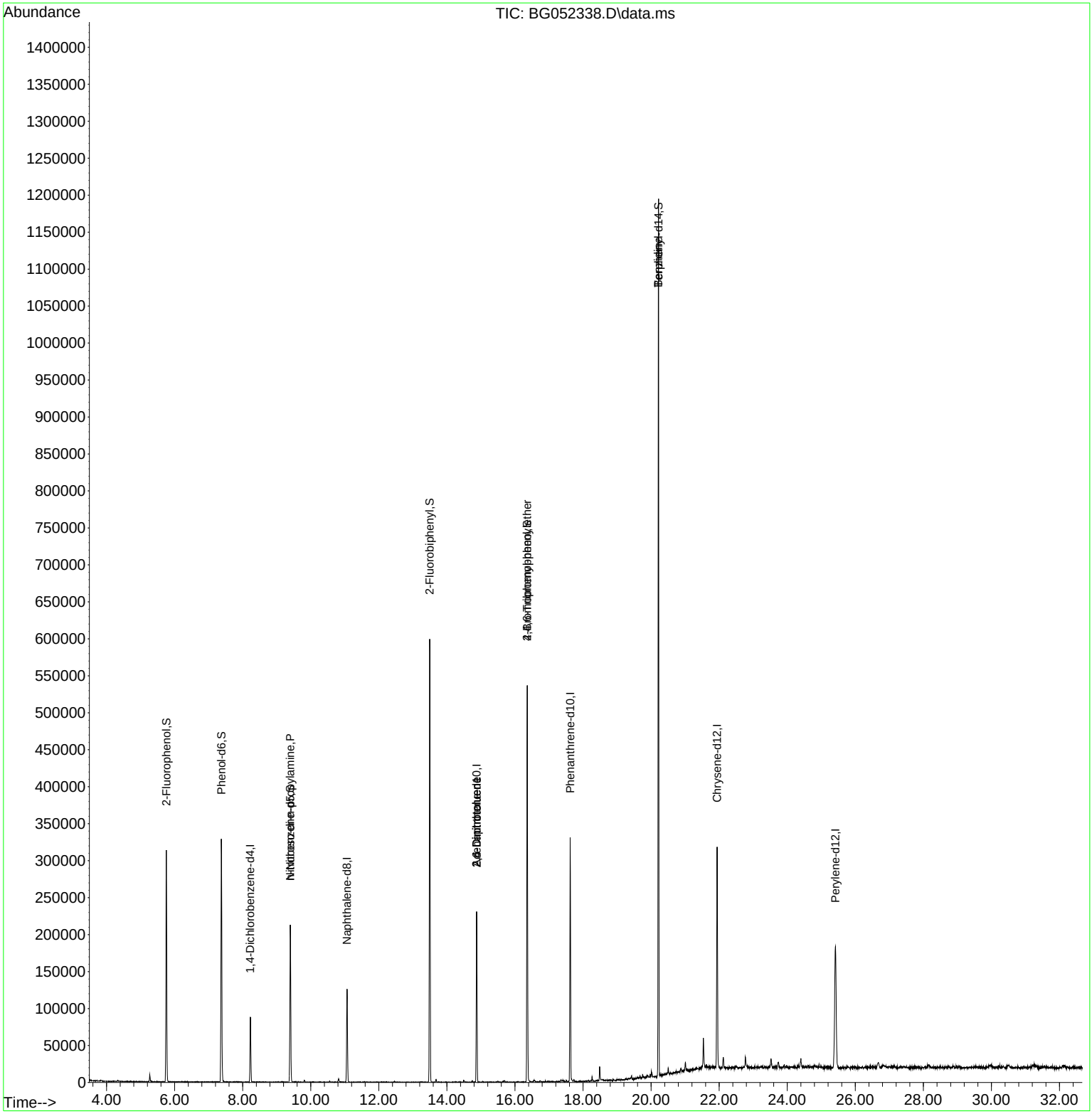
(#) = qualifier out of range (m) = manual integration (+) = signals summed

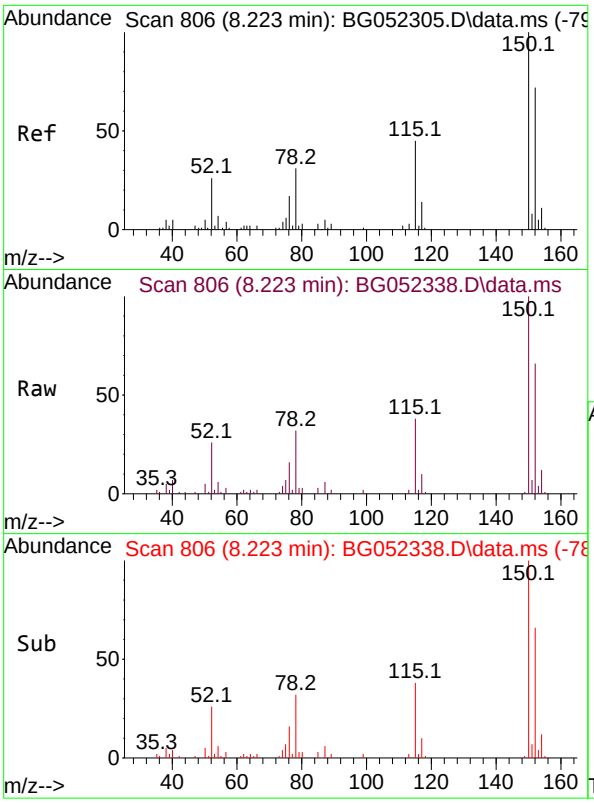
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
Data File : BG052338.D
Acq On : 9 Feb 2022 17:05
Operator : CG/JU
Sample : N1423-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-23

Quant Time: Feb 10 00:07:06 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



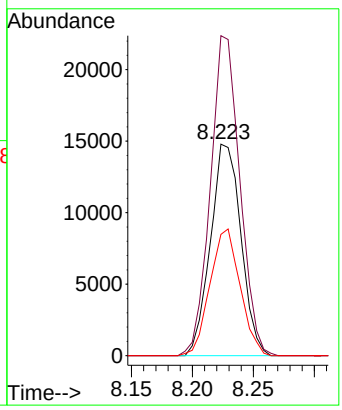


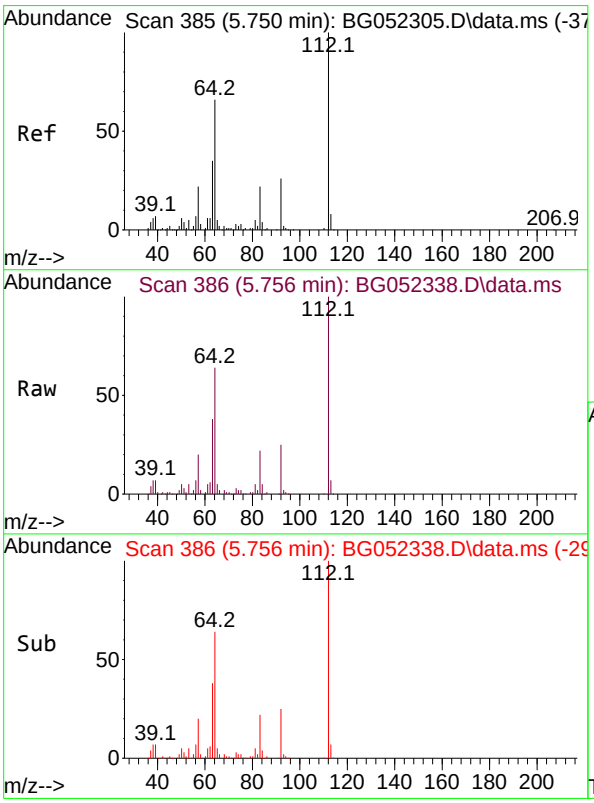
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:152 Resp: 25720

Ion	Ratio	Lower	Upper
152	100		
150	151.3	117.8	176.8
115	57.3	50.2	75.2

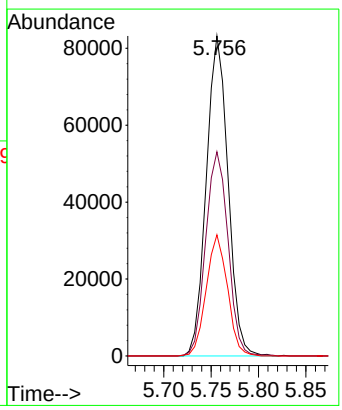


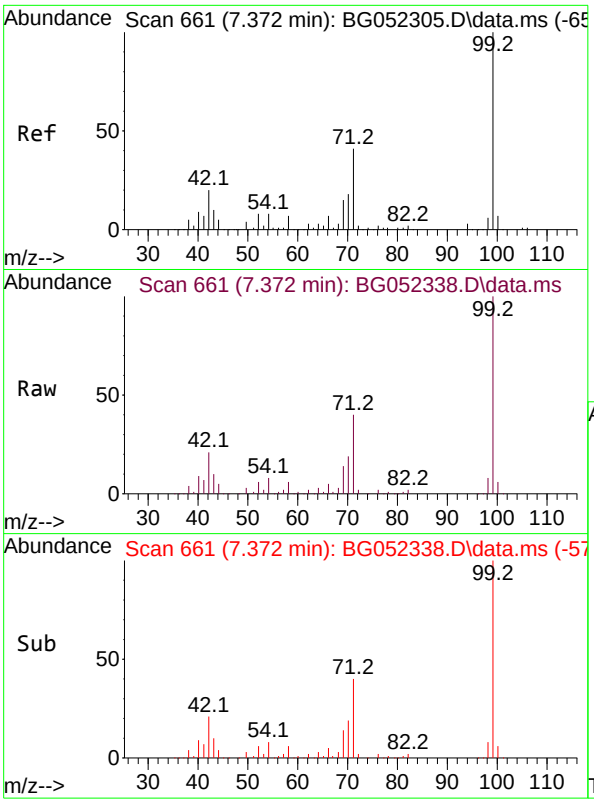


#5
2-Fluorophenol
Concen: 89.782 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:112 Resp: 132494

Ion	Ratio	Lower	Upper
112	100		
64	63.8	60.4	90.6
63	37.8	33.3	49.9



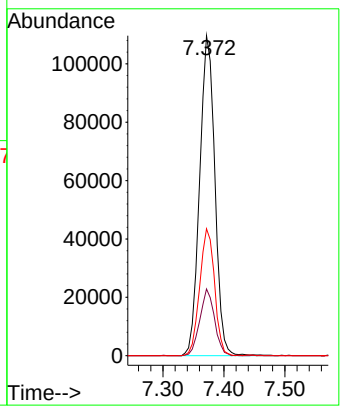


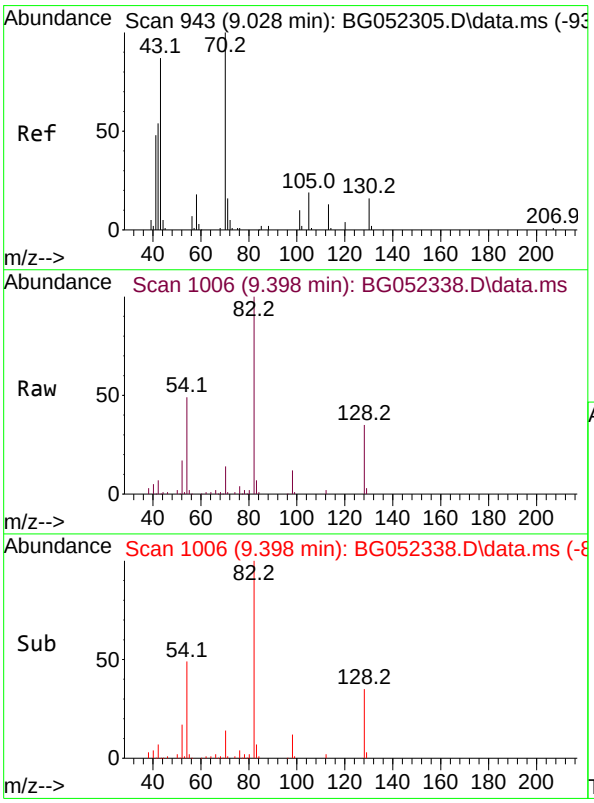
#7
Phenol-d6
Concen: 83.509 ng
RT: 7.372 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion: 99 Resp: 190148

Ion	Ratio	Lower	Upper
99	100		
42	20.8	19.1	28.7
71	39.7	33.4	50.2

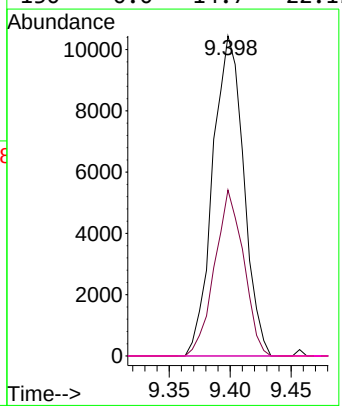


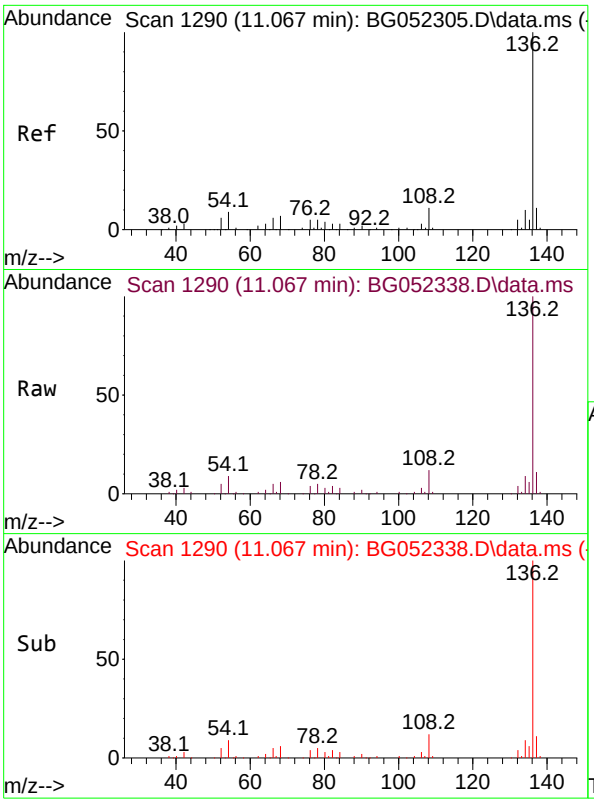


#19
n-Nitroso-di-n-propylamine
Concen: 10.734 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion: 70 Resp: 18426

Ion	Ratio	Lower	Upper
70	100		
42	51.9	51.8	77.6
101	0.0	6.6	10.0#
130	0.0	14.7	22.1#



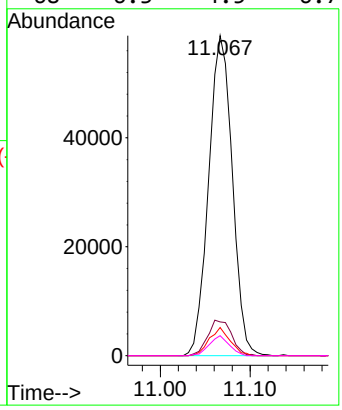


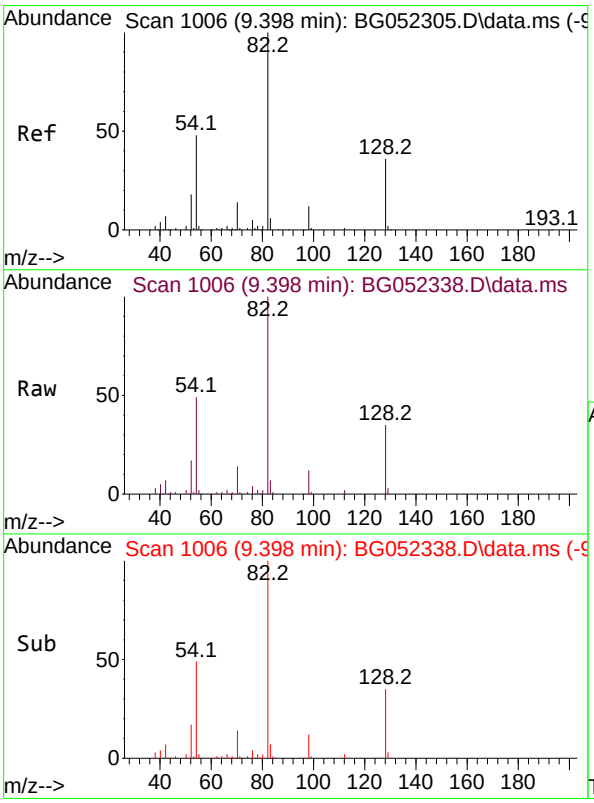
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:136 Resp: 107602

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.8	8.3	12.5
68	6.3	4.5	6.7

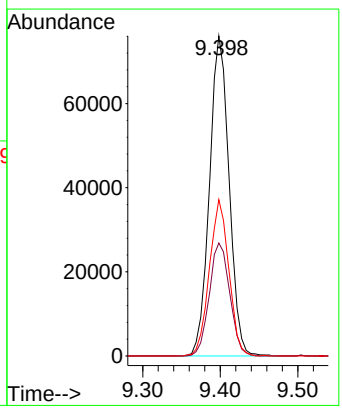


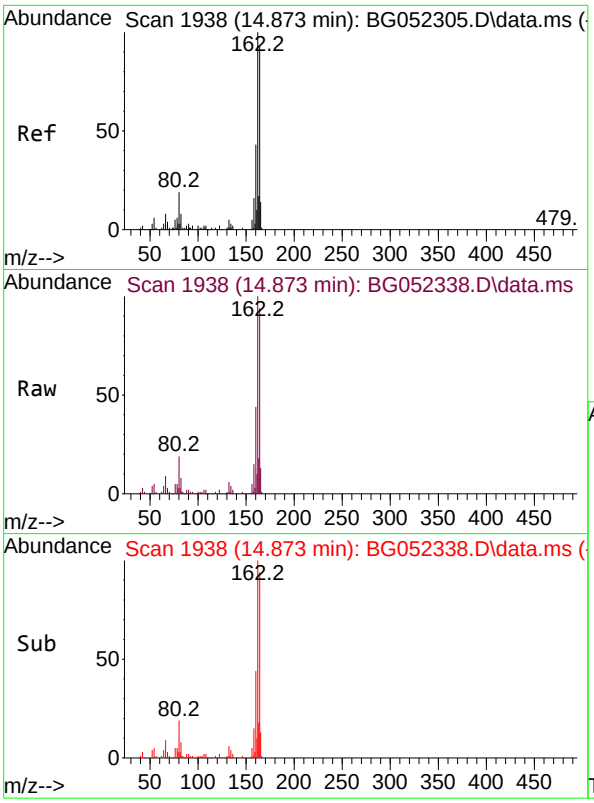


#23
Nitrobenzene-d5
Concen: 54.026 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion: 82 Resp: 133758

Ion	Ratio	Lower	Upper
82	100		
128	35.3	27.0	40.4
54	48.8	41.0	61.6



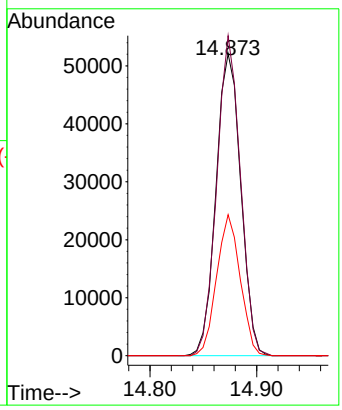


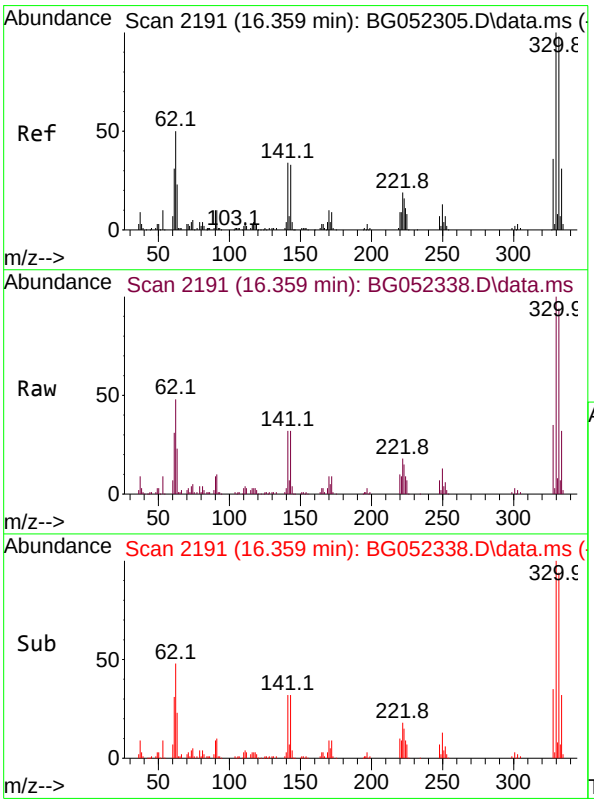
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:164 Resp: 84027

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.2	123.2
160	46.7	36.2	54.2

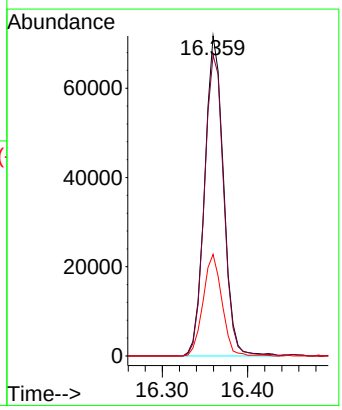


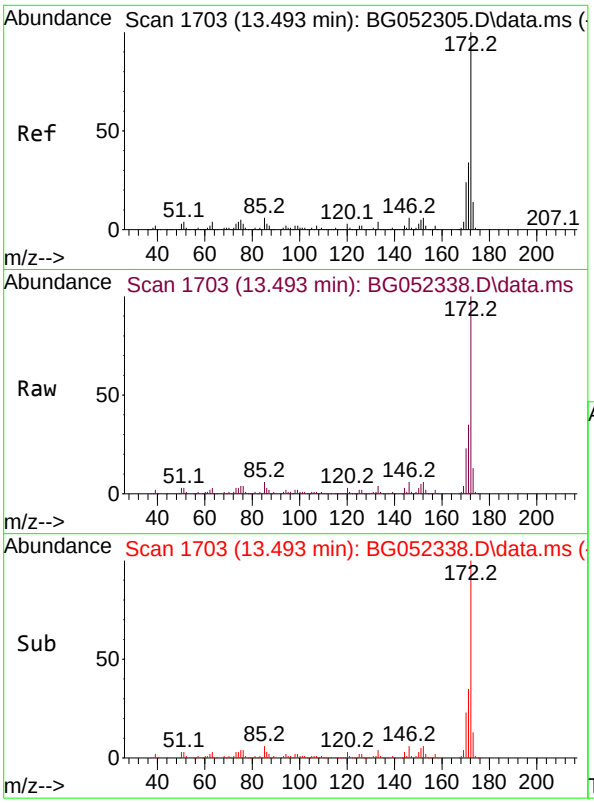


#42
2,4,6-Tribromophenol
Concen: 91.103 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:330 Resp: 109978

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	117.8
141	31.7	28.8	43.2



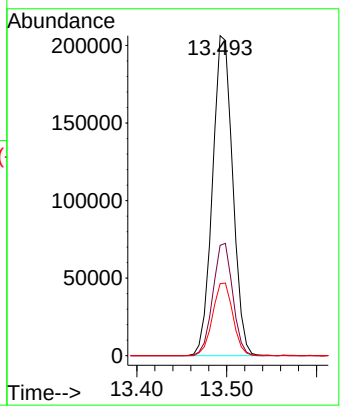


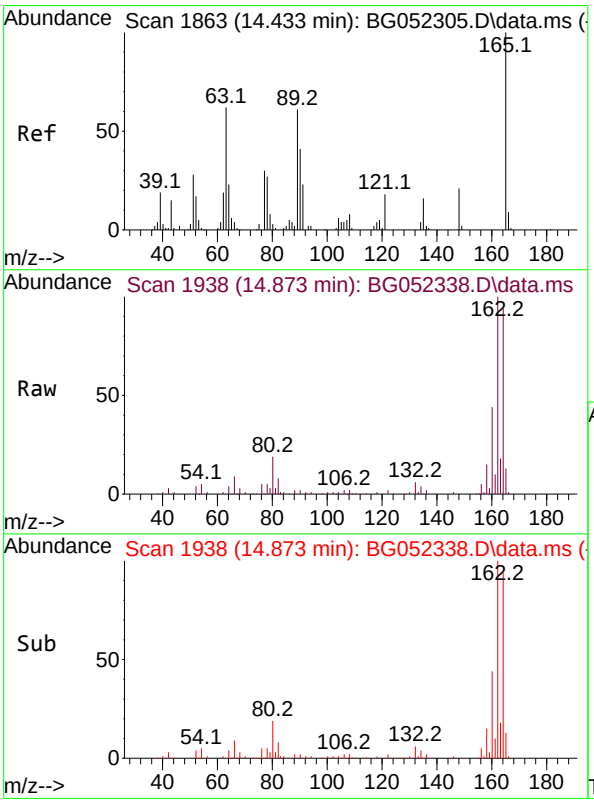
#45
2-Fluorobiphenyl
Concen: 53.229 ng
RT: 13.493 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:172 Resp: 321884

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	22.5	18.3	27.5

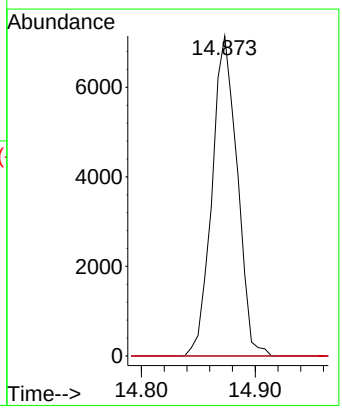


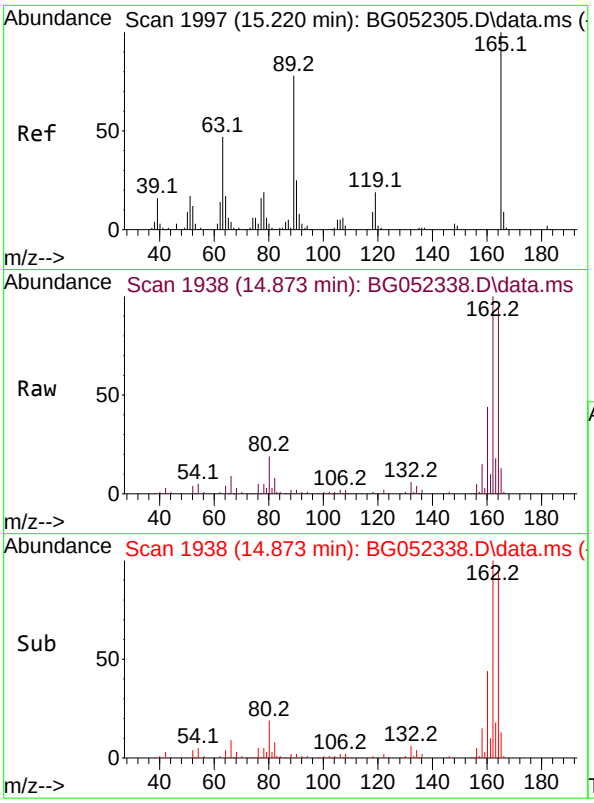


#51
2,6-Dinitrotoluene
Concen: 7.929 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.441 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:165 Resp: 11014

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



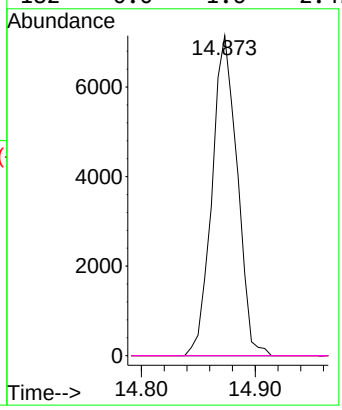


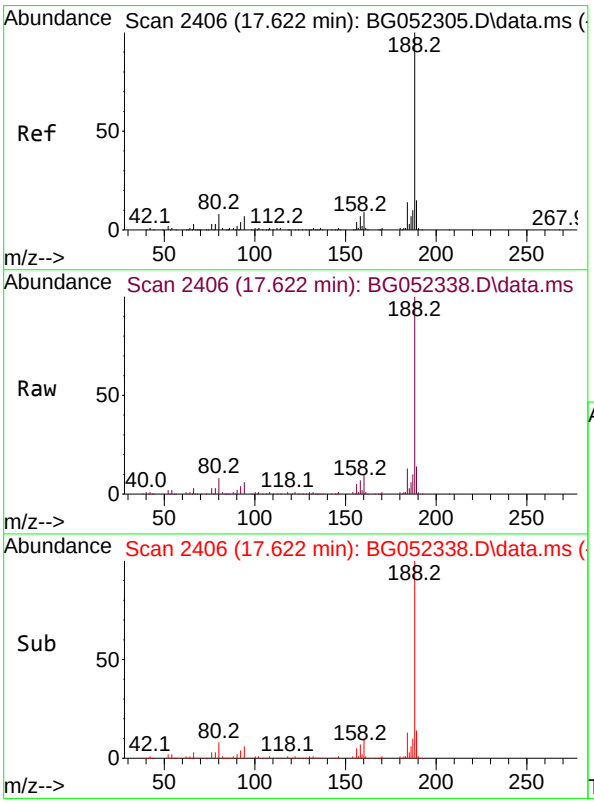
#57
2,4-Dinitrotoluene
Concen: 5.571 ng
RT: 14.873 min Scan# 1
Delta R.T. -0.347 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:165 Resp: 11014

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#

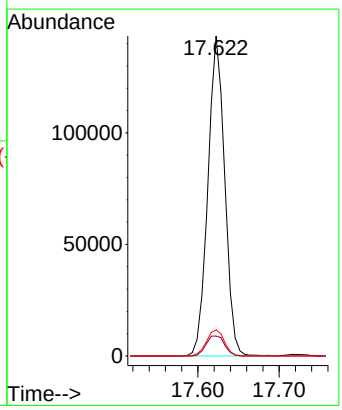


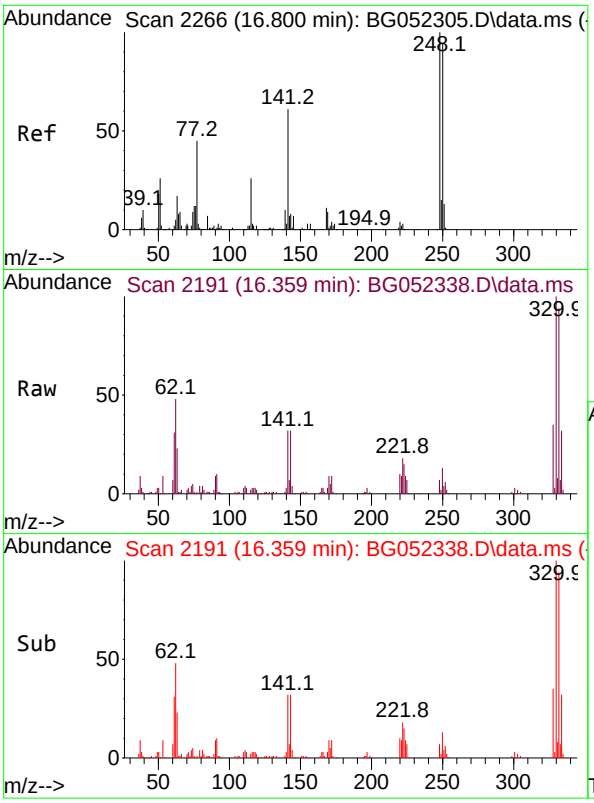


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:188 Resp: 206391

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.9	8.9
80	8.1	6.6	10.0



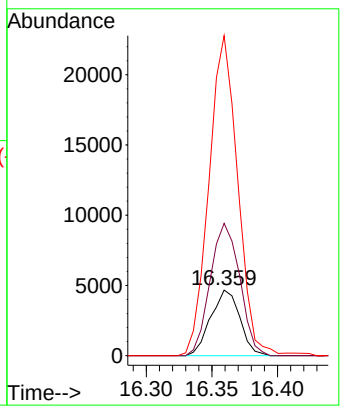


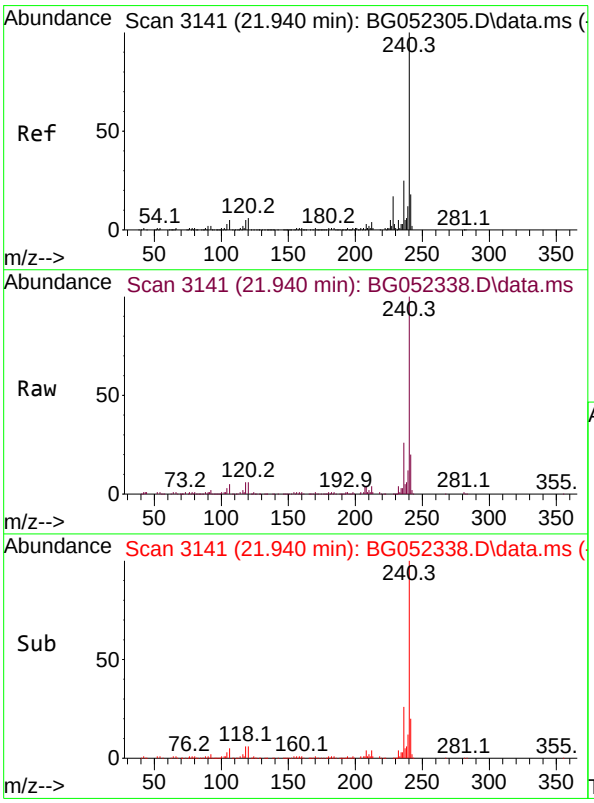
#67
4-Bromophenyl-phenylether
Concen: 2.873 ng
RT: 16.359 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:248 Resp: 7210

Ion	Ratio	Lower	Upper
248	100		
250	201.8	79.6	119.4#
141	488.2	54.6	81.8#

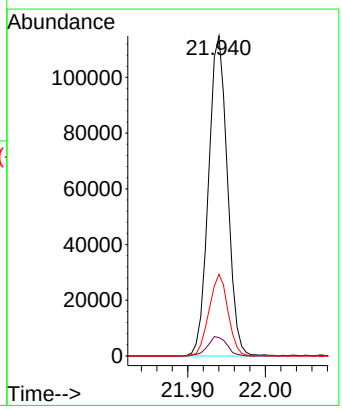


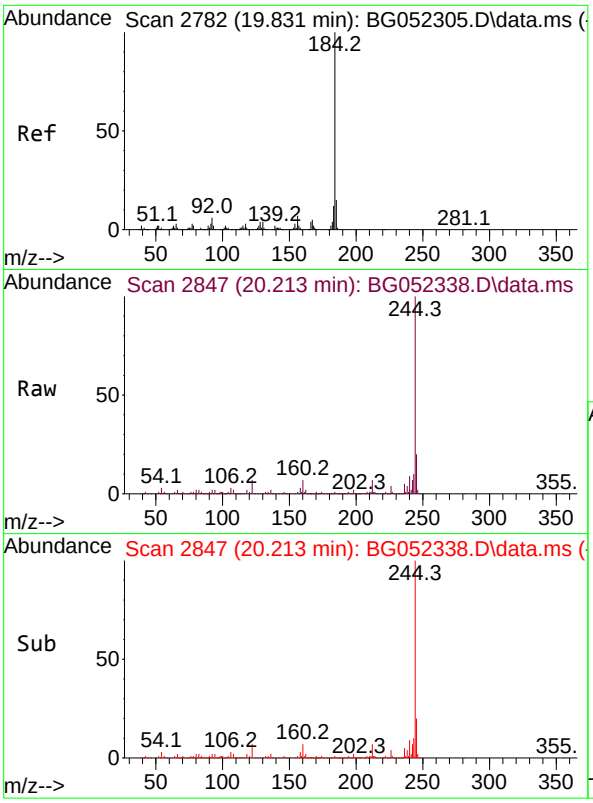


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:240 Resp: 194345

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.4	6.6
236	25.5	20.8	31.2



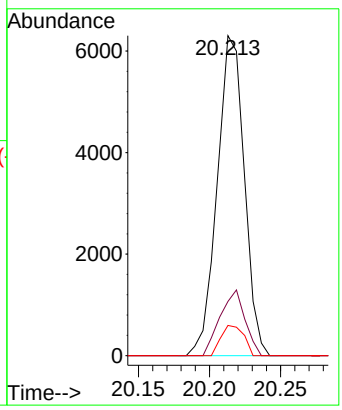


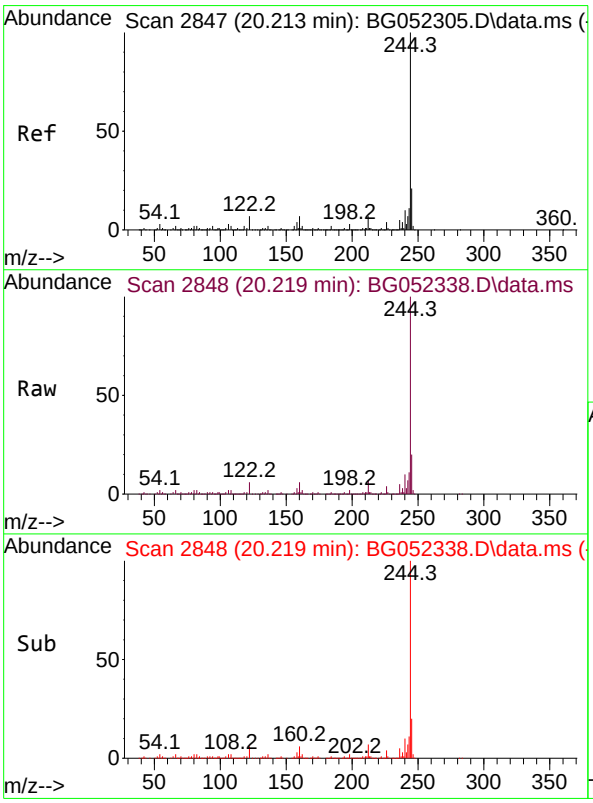
#77
Benzidine
Concen: 2.010 ng
RT: 20.213 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:184 Resp: 8348

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.8	17.8
183	9.5	9.8	14.6#

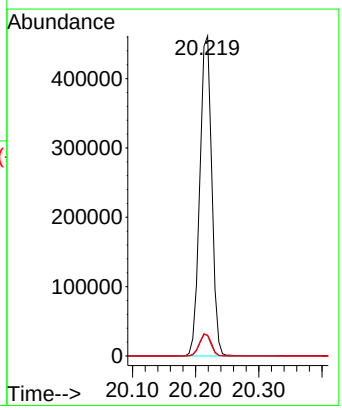


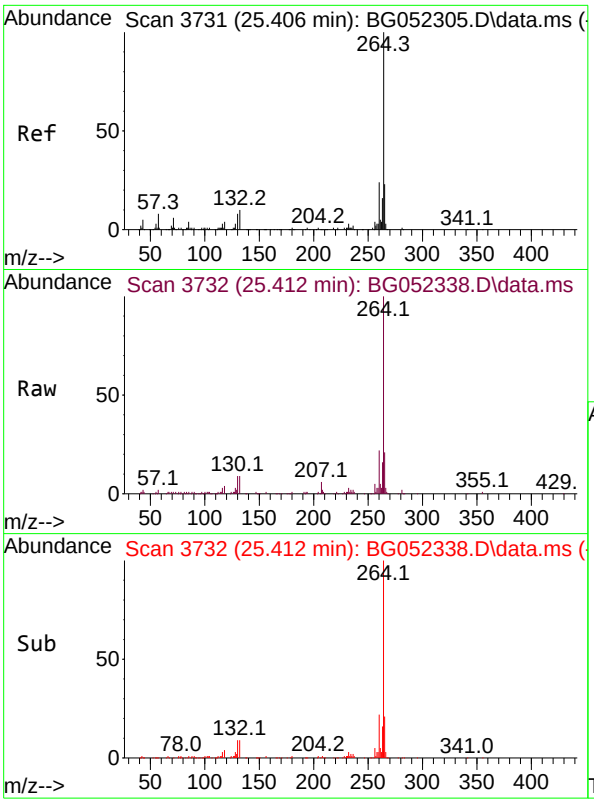


#79
Terphenyl-d14
Concen: 55.351 ng
RT: 20.219 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:244 Resp: 609178

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	6.3	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.412 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:264 Resp: 197862

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	21.3	17.8	26.6