Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
Data File : BG054258.D
Acq On : 12 Jul 2022 16:11
Operator : CG/JU
Sample : PB146157BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Quant Time: Jul 13 01:36:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration

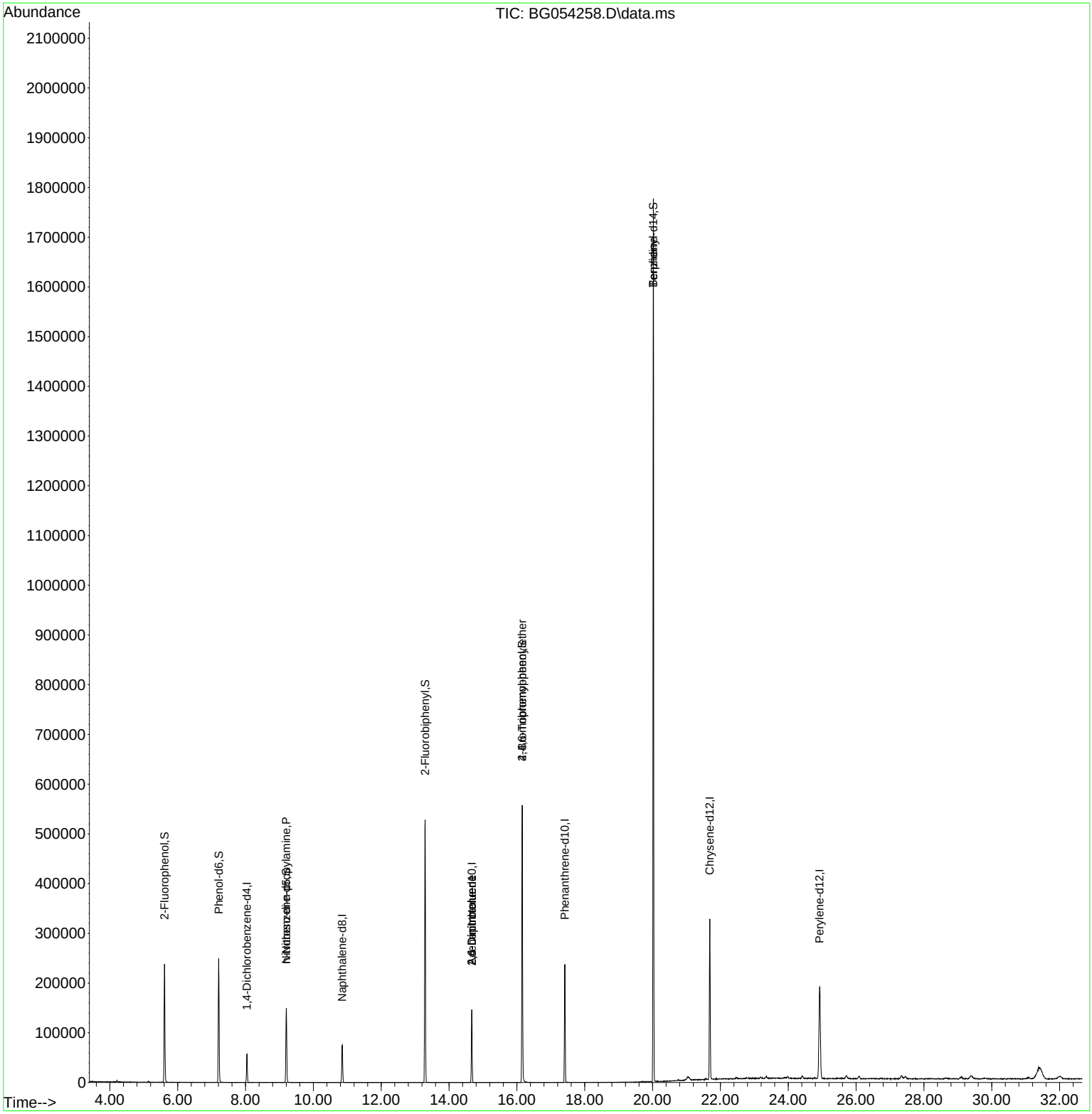
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	18395	20.000	ng	# 0.00
21) Naphthalene-d8	10.846	136	73659	20.000	ng	# 0.00
39) Acenaphthene-d10	14.671	164	59310	20.000	ng	0.00
64) Phenanthrene-d10	17.415	188	173773	20.000	ng	# 0.00
76) Chrysene-d12	21.686	240	236151	20.000	ng	# 0.00
86) Perylene-d12	24.924	264	234753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	104891	114.562	ng	0.00
7) Phenol-d6	7.209	99	141009	111.662	ng	0.00
23) Nitrobenzene-d5	9.201	82	96018	70.739	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	148726	129.452	ng	0.00
45) 2-Fluorobiphenyl	13.296	172	318600	78.930	ng	0.00
79) Terphenyl-d14	20.024	244	996162	86.745	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.201	70	13509	15.669	ng	# 75
51) 2,6-Dinitrotoluene	14.671	165	7935	7.840	ng	# 16
57) 2,4-Dinitrotoluene	14.671	165	7935	5.414	ng	# 21
67) 4-Bromophenyl-phenylether	16.157	248	8876	3.830	ng	# 1
77) Benzidine	20.024	184	13283	3.204	ng	# 93

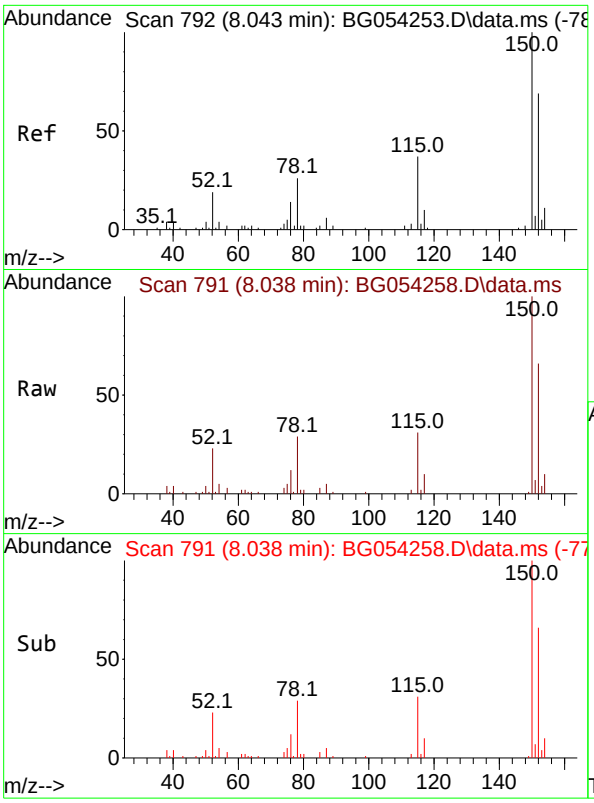
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
Data File : BG054258.D
Acq On : 12 Jul 2022 16:11
Operator : CG/JU
Sample : PB146157BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Quant Time: Jul 13 01:36:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration



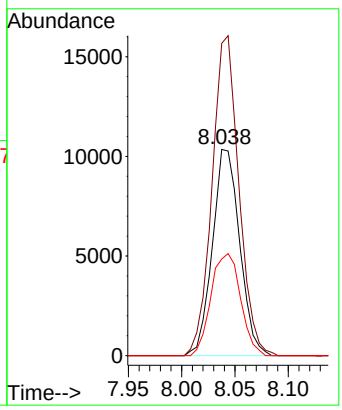


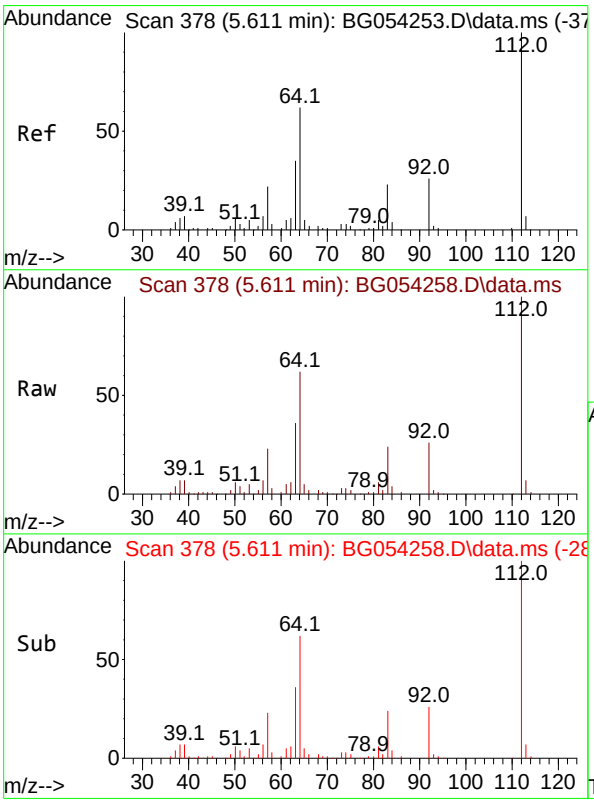
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.038 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:152 Resp: 18395

Ion	Ratio	Lower	Upper
152	100		
150	151.4	131.6	197.4
115	46.8	50.9	76.3#

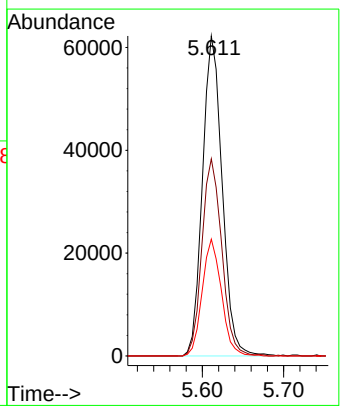


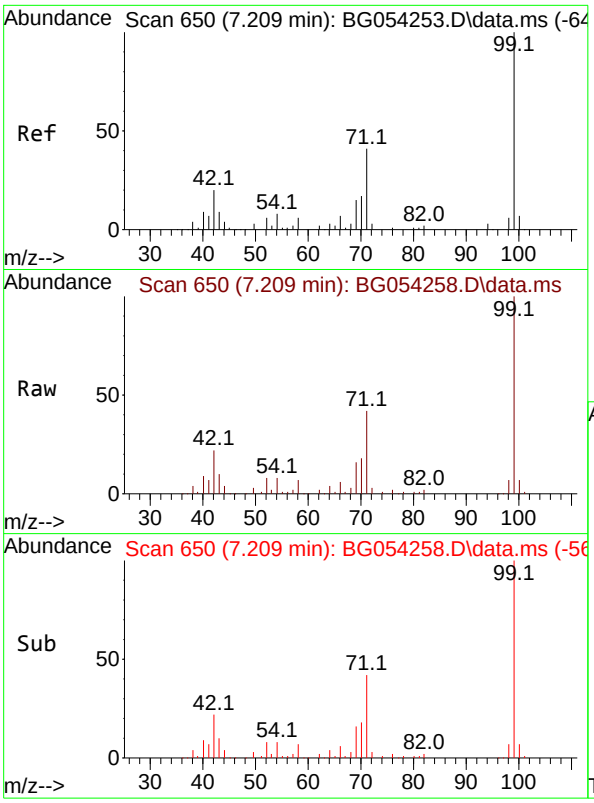


#5
2-Fluorophenol
Concen: 114.562 ng
RT: 5.611 min Scan# 378
Delta R.T. 0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:112 Resp: 104891

Ion	Ratio	Lower	Upper
112	100		
64	61.6	55.1	82.7
63	36.5	30.4	45.6



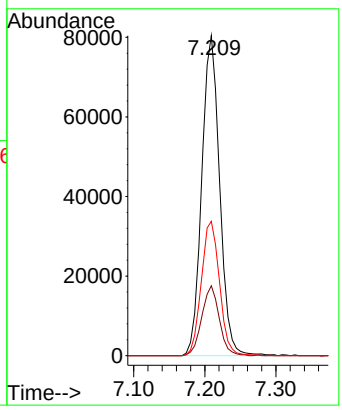


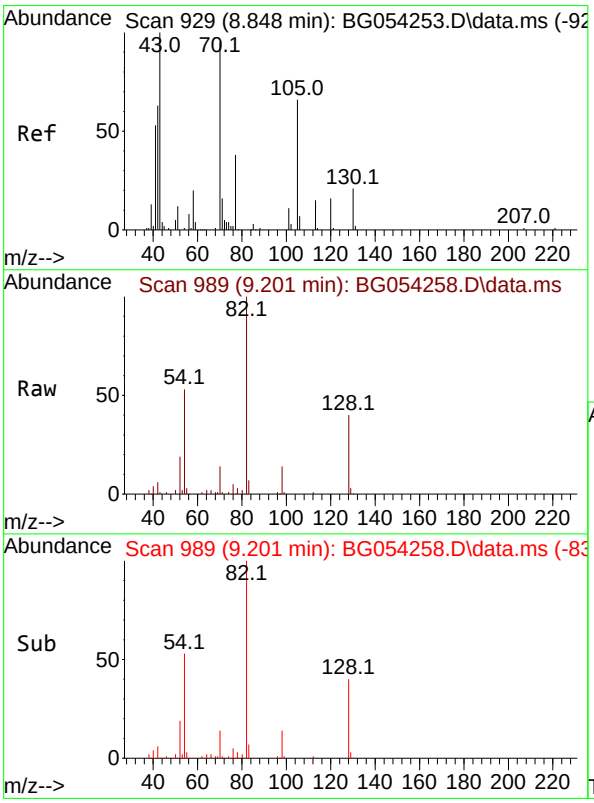
#7
Phenol-d6
Concen: 111.662 ng
RT: 7.209 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion: 99 Resp: 141009

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	42.0	33.8	50.8

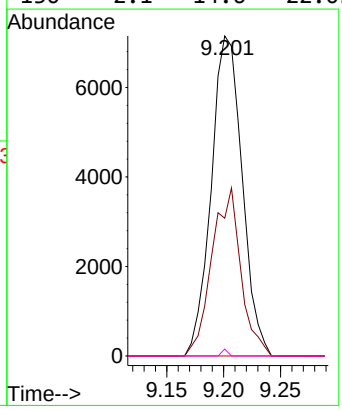


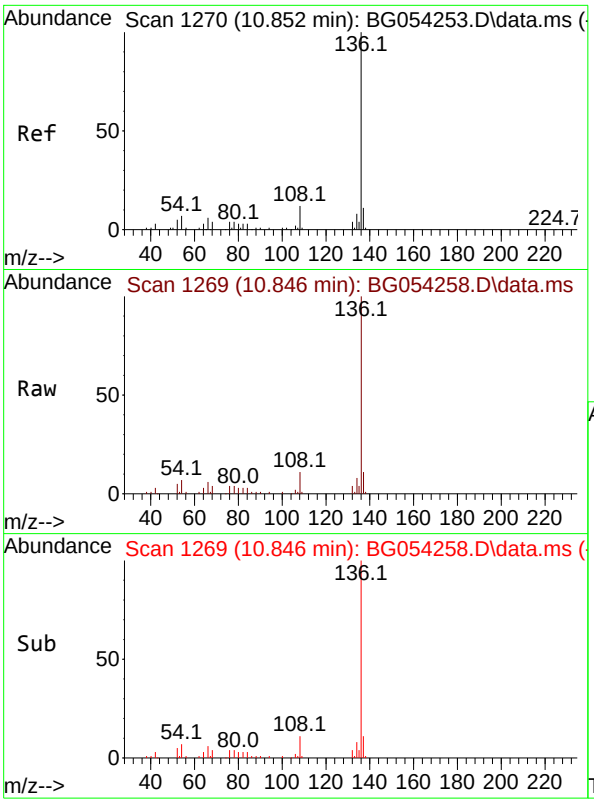


#19
n-Nitroso-di-n-propylamine
Concen: 15.669 ng
RT: 9.201 min Scan# 989
Delta R.T. 0.353 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion: 70 Resp: 13509

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.3	70.9#
101	0.0	7.0	10.4#
130	2.1	14.6	22.0#



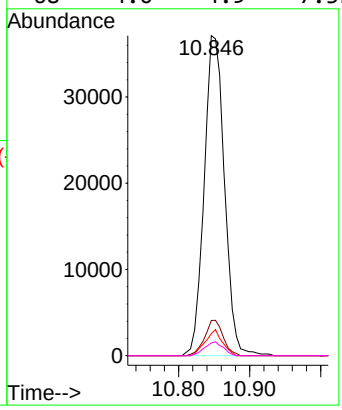


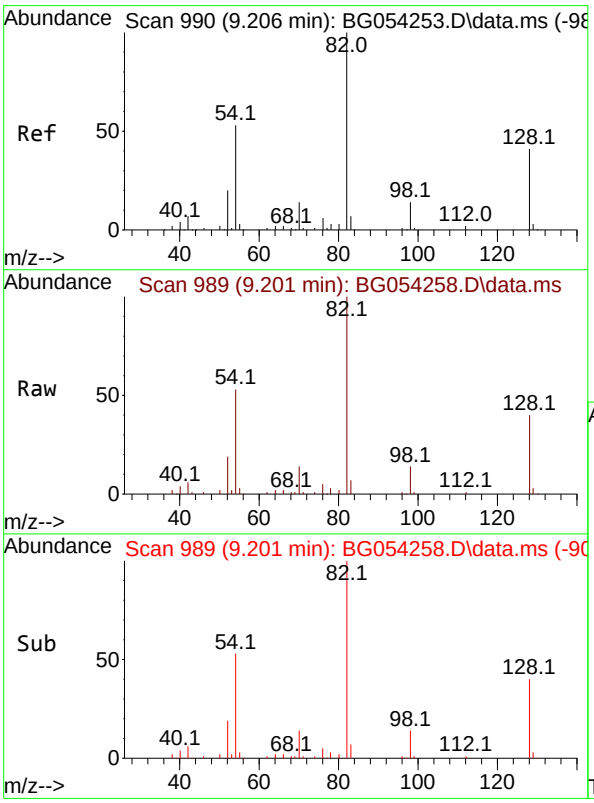
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:136 Resp: 73659

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.9	7.4	11.2#
68	4.0	4.9	7.3#

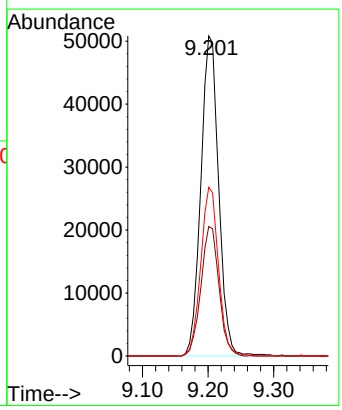


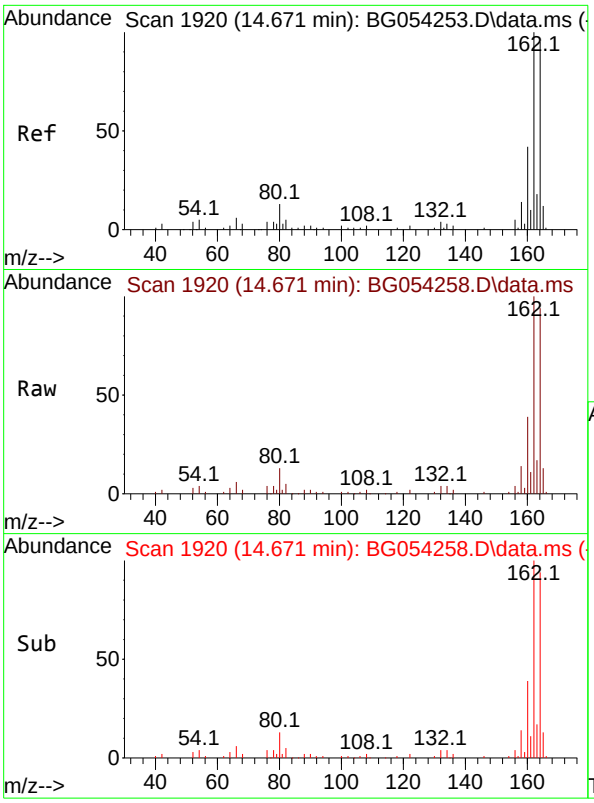


#23
Nitrobenzene-d5
Concen: 70.739 ng
RT: 9.201 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion: 82 Resp: 96018

Ion	Ratio	Lower	Upper
82	100		
128	40.4	27.9	41.9
54	52.7	41.2	61.8



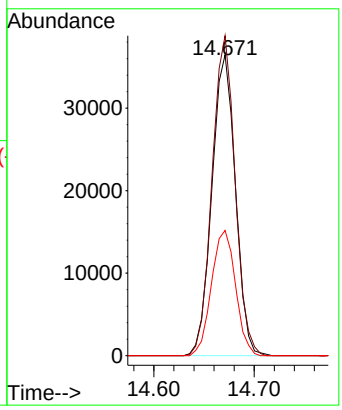


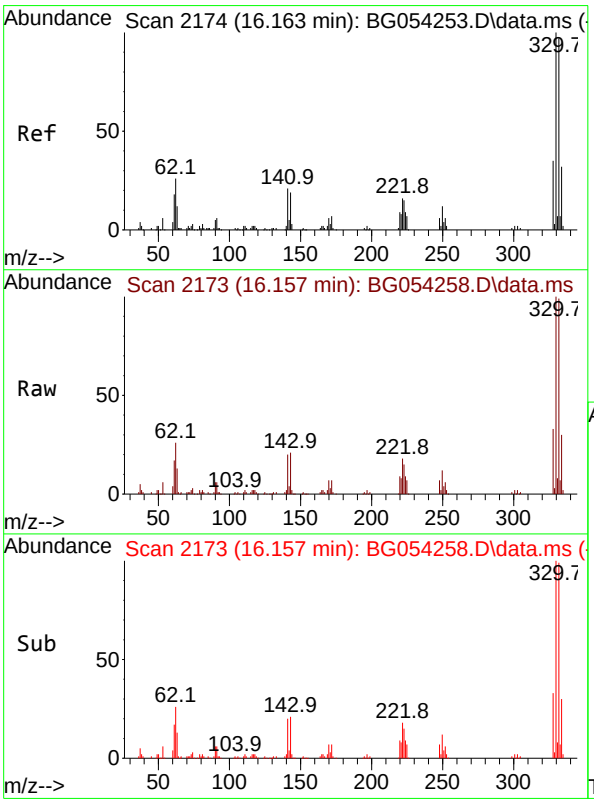
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.671 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:164 Resp: 59310

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.3	123.5
160	41.6	34.2	51.2

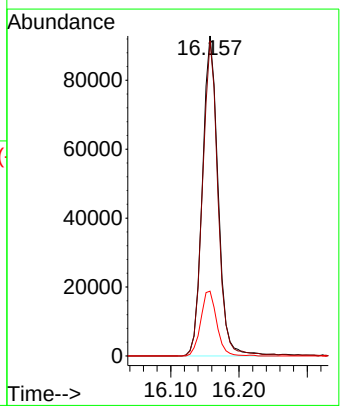


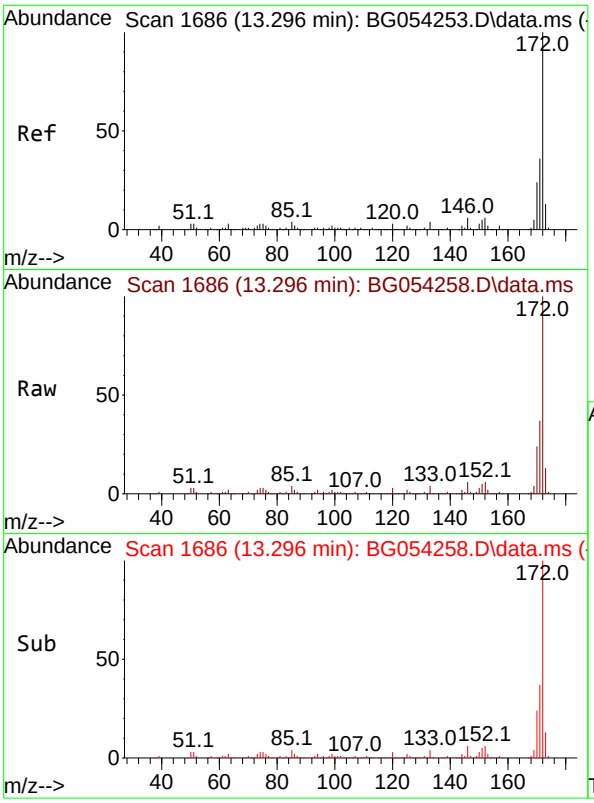


#42
2,4,6-Tribromophenol
Concen: 129.452 ng
RT: 16.157 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:330 Resp: 148726

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	20.7	27.1	40.7#



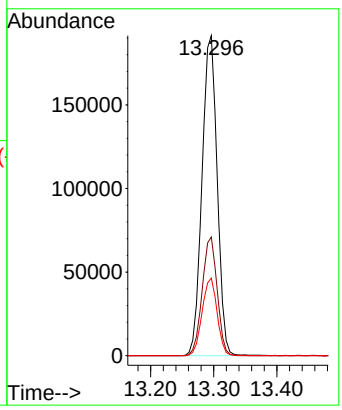


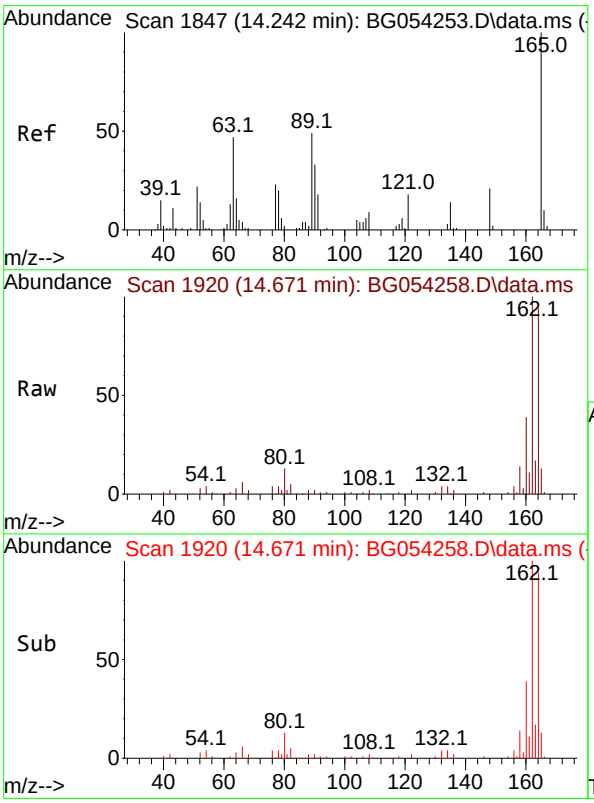
#45
2-Fluorobiphenyl
Concen: 78.930 ng
RT: 13.296 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:172 Resp: 318600

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	24.2	18.9	28.3

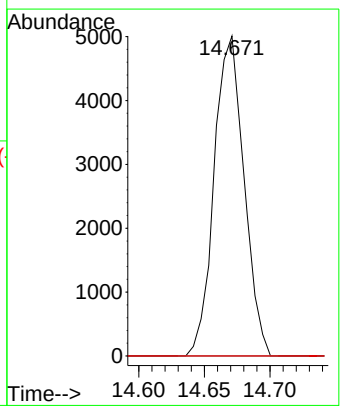


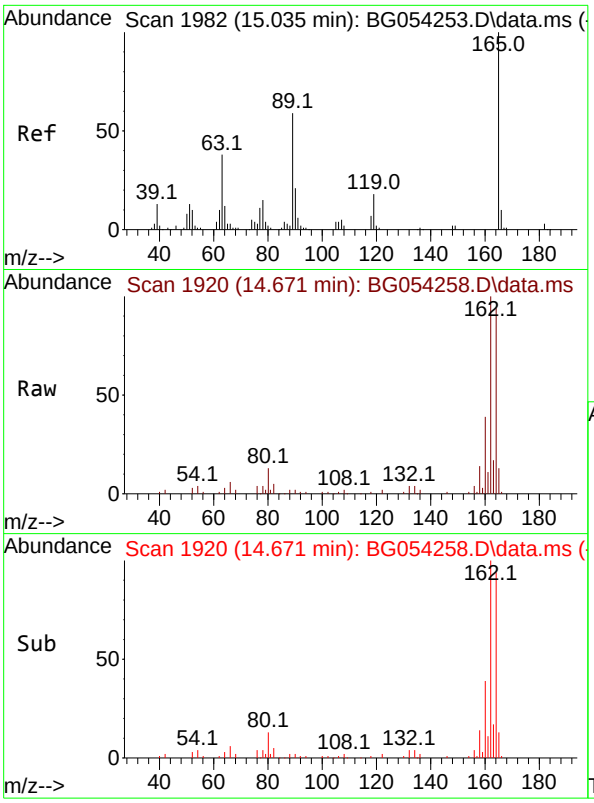


#51
2,6-Dinitrotoluene
Concen: 7.840 ng
RT: 14.671 min Scan# 1920
Delta R.T. 0.429 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:165 Resp: 7935

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



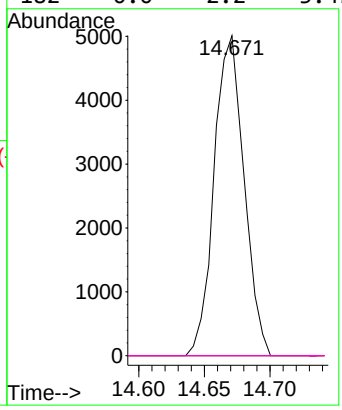


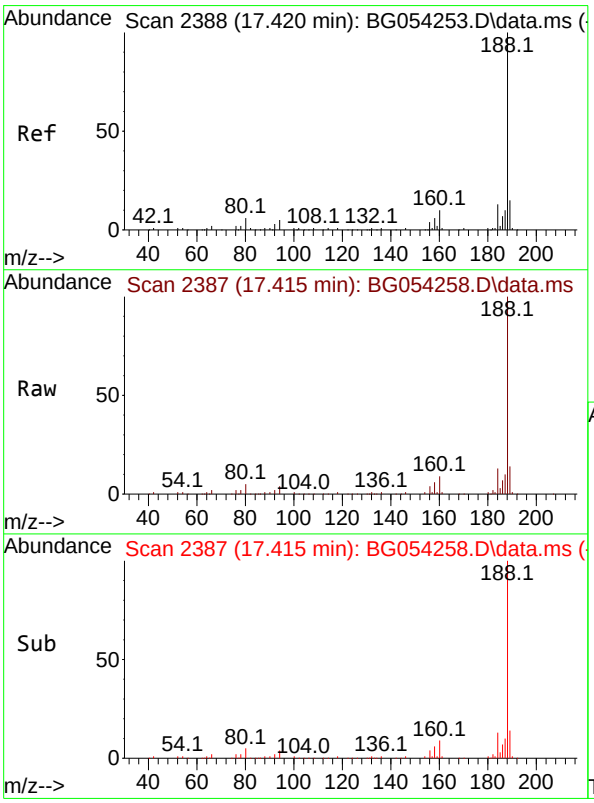
#57
2,4-Dinitrotoluene
Concen: 5.414 ng
RT: 14.671 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:165 Resp: 7935

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

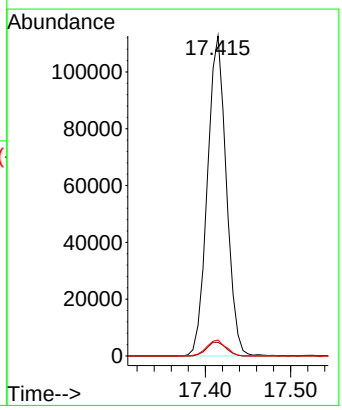


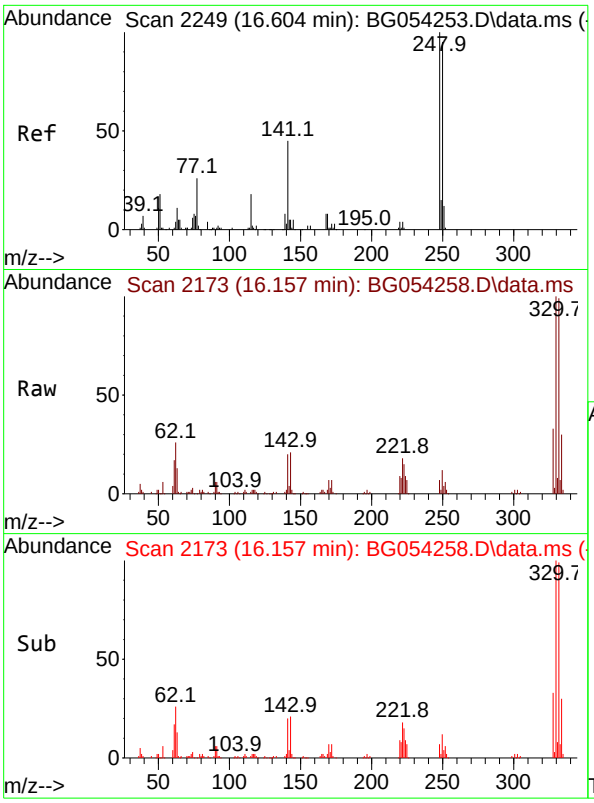


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.415 min Scan# 2387
Delta R.T. -0.005 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:188 Resp: 173773

Ion	Ratio	Lower	Upper
188	100		
94	4.2	5.4	8.0#
80	5.0	6.8	10.2#



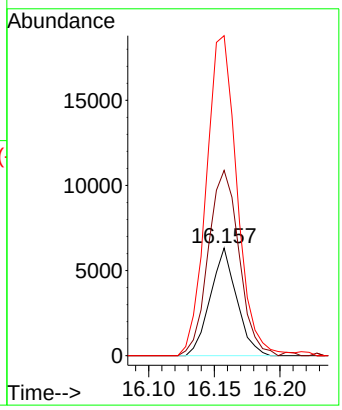


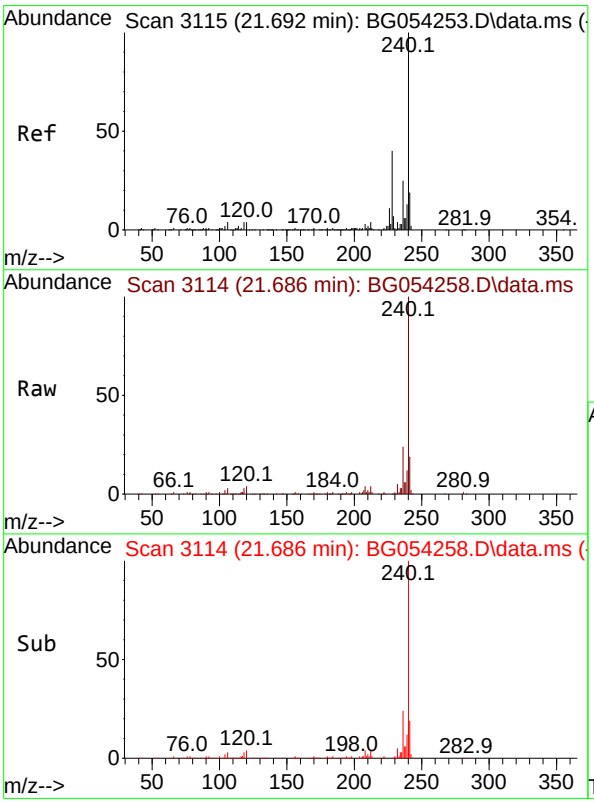
#67
4-Bromophenyl-phenylether
Concen: 3.830 ng
RT: 16.157 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:248 Resp: 8876

Ion	Ratio	Lower	Upper
248	100		
250	172.0	75.2	112.8#
141	297.0	50.0	75.0#

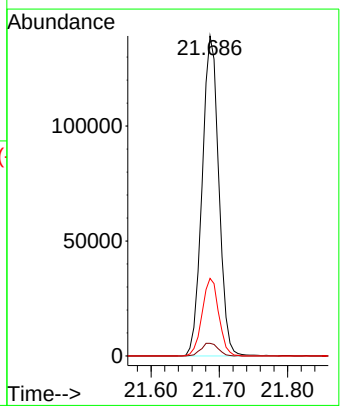


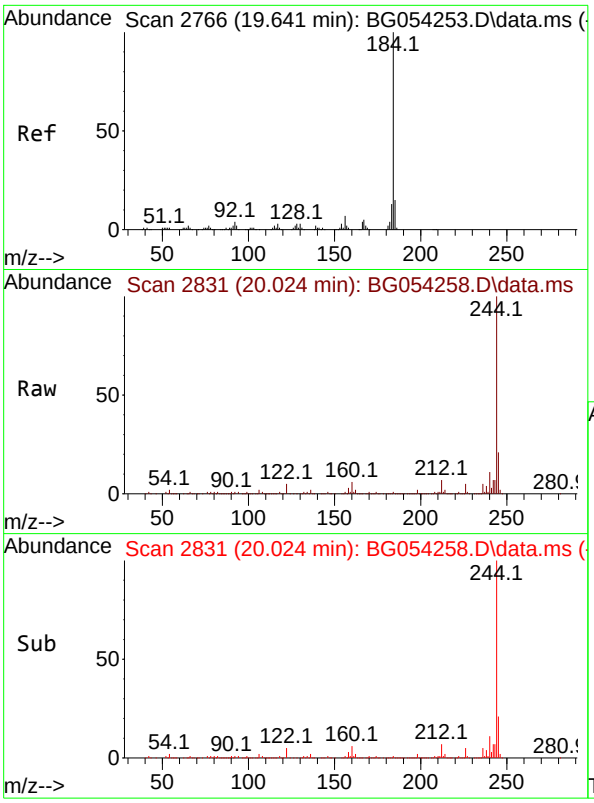


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.686 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:240 Resp: 236151

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.6	7.0#
236	24.3	20.2	30.4



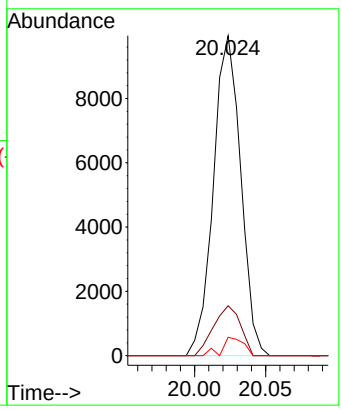


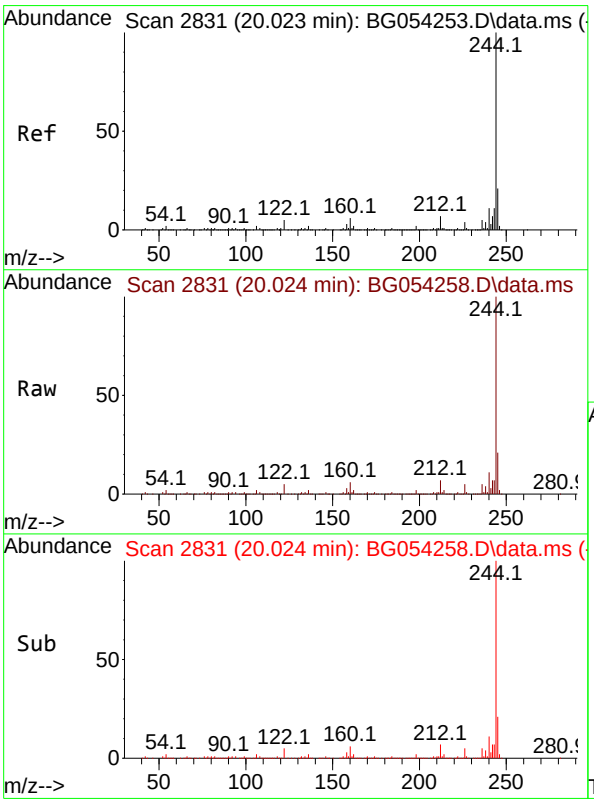
#77
Benzidine
Concen: 3.204 ng
RT: 20.024 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:184 Resp: 13283

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.6
183	5.8	8.9	13.3#

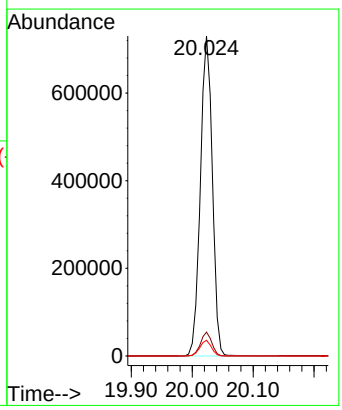


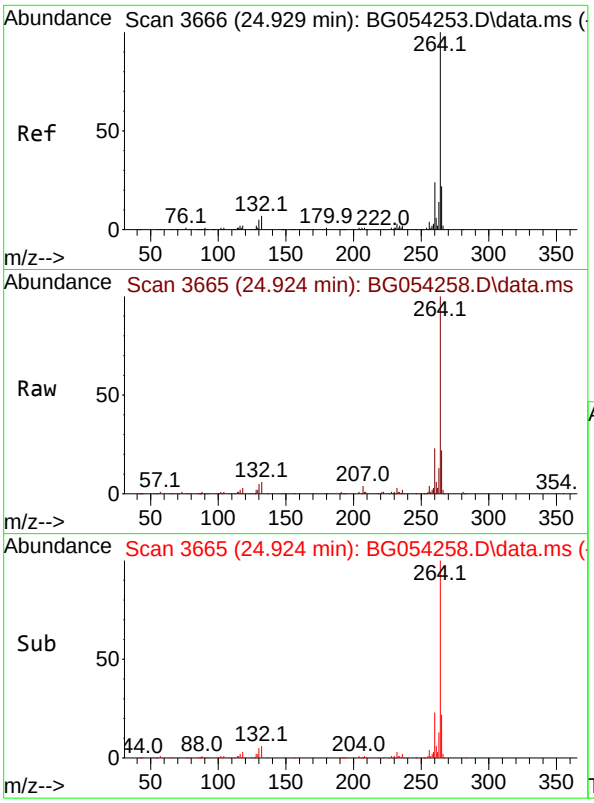


#79
Terphenyl-d14
Concen: 86.745 ng
RT: 20.024 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:244 Resp: 996162

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	4.9	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

Tgt Ion:264 Resp: 234753

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	22.1	17.4	26.2