Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
Data File : BG054678.D
Acq On : 20 Aug 2022 2:08
Operator : CG/JU
Sample : PB146953BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Quant Time: Aug 22 00:36:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 00:08:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	56856	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	231217	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	146752	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	332560	20.000	ng	0.00
76) Chrysene-d12	21.826	240	326021	20.000	ng	0.00
86) Perylene-d12	25.198	264	329506	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	436618	139.052	ng	0.00
7) Phenol-d6	7.301	99	572433	130.356	ng	0.00
23) Nitrobenzene-d5	9.329	82	339453	84.760	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	192287	125.487	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	800798	85.475	ng	0.00
79) Terphenyl-d14	20.139	244	1324932	86.861	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.329	70	42316	14.673	ng	# 80
51) 2,6-Dinitrotoluene	14.787	165	19602	9.996	ng	# 23
57) 2,4-Dinitrotoluene	14.787	165	19602	7.448	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.267	198	635	Below Cal		# 1
67) 4-Bromophenyl-phenylether	16.273	248	12534	3.720	ng	# 1
77) Benzidine	20.133	184	20282	3.318	ng	# 93

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

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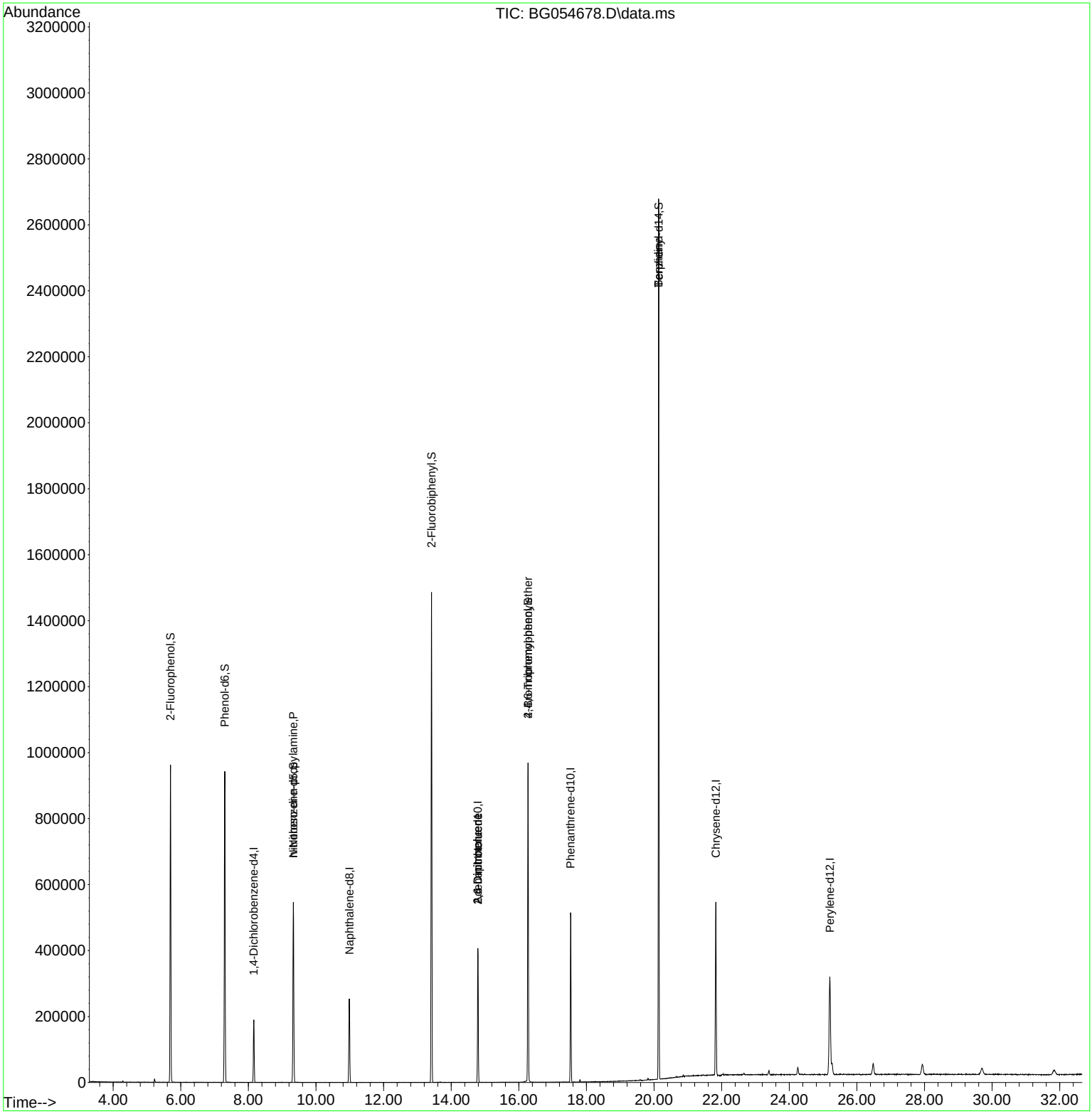
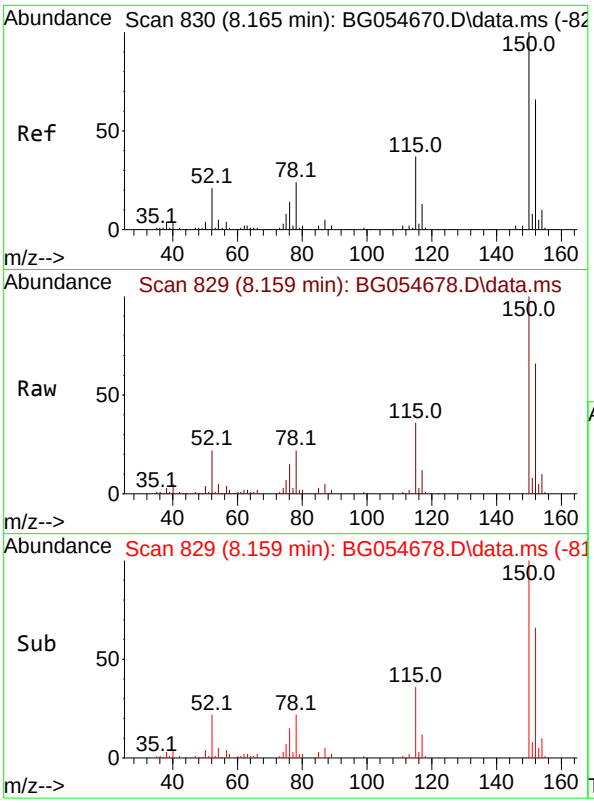


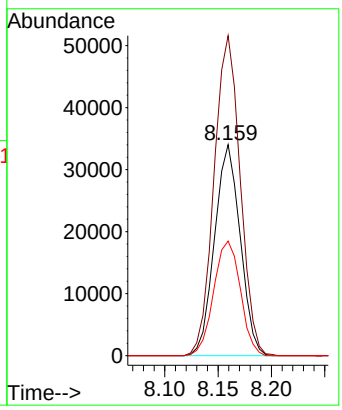


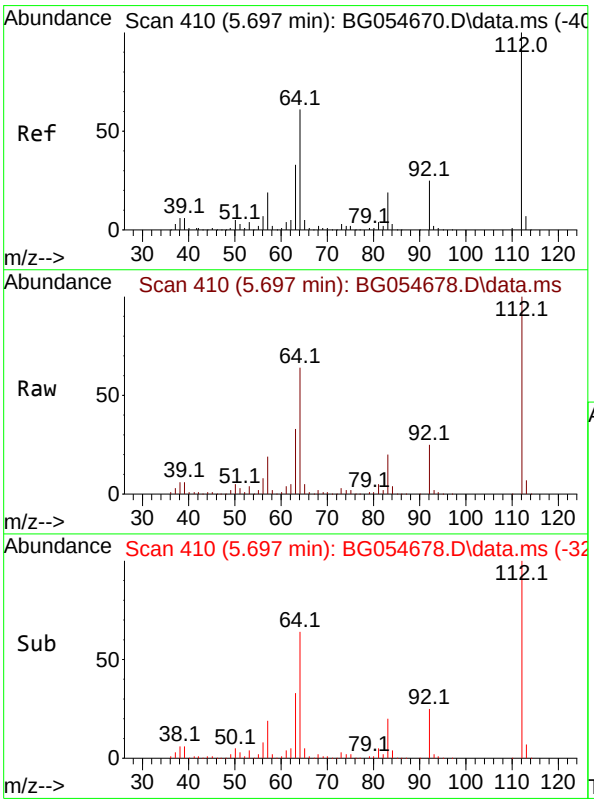
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:152 Resp: 56856

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.7	182.5
115	54.3	45.3	67.9

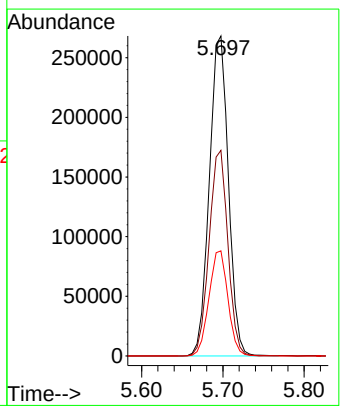


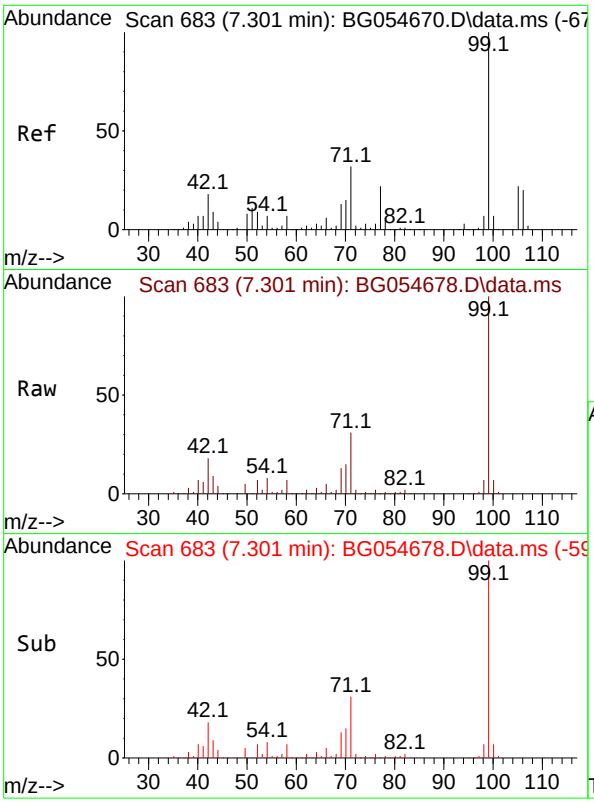


#5
2-Fluorophenol
Concen: 139.052 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.000 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion:112 Resp: 436618

Ion	Ratio	Lower	Upper
112	100		
64	64.2	48.6	73.0
63	32.9	26.3	39.5



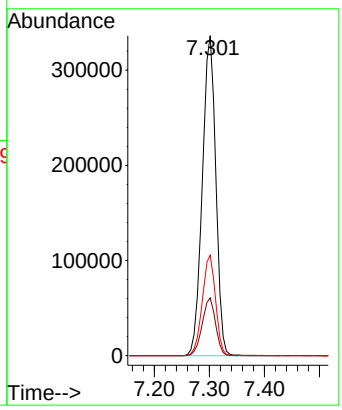


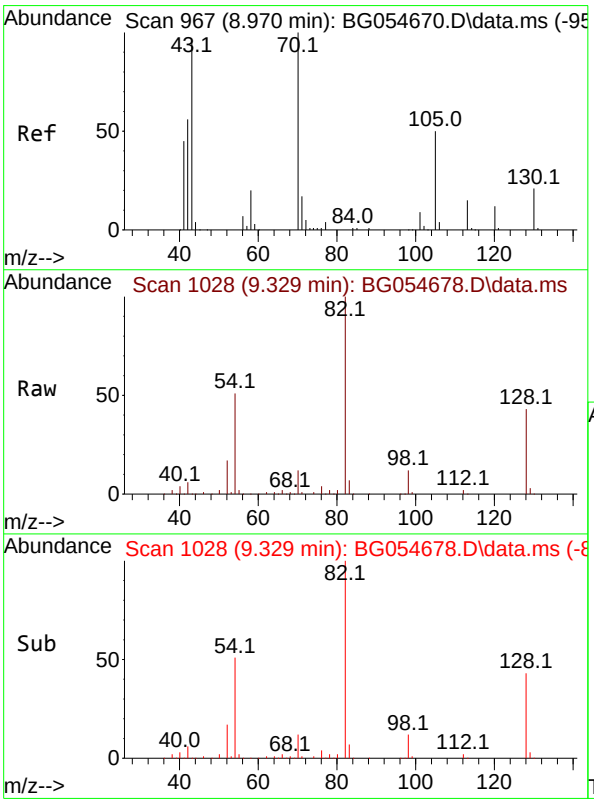
#7
Phenol-d6
Concen: 130.356 ng
RT: 7.301 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion: 99 Resp: 572433

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.0	21.0
71	31.4	25.3	37.9

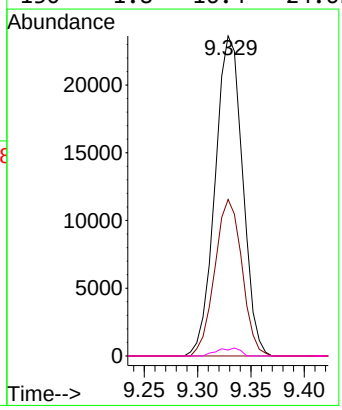


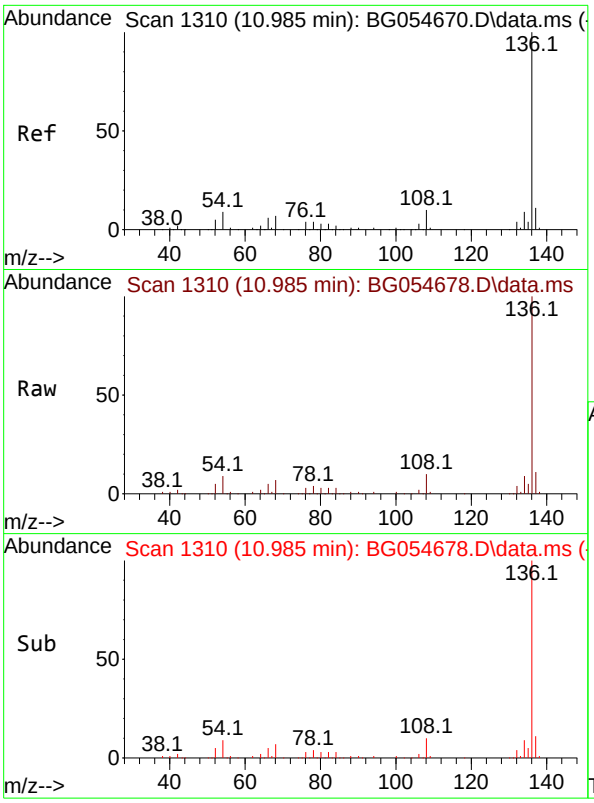


#19
n-Nitroso-di-n-propylamine
Concen: 14.673 ng
RT: 9.329 min Scan# 1028
Delta R.T. 0.359 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion: 70 Resp: 42316

Ion	Ratio	Lower	Upper
70	100		
42	48.9	45.8	68.8
101	0.0	7.1	10.7#
130	1.8	16.4	24.6#



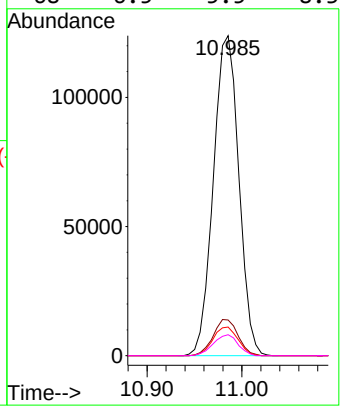


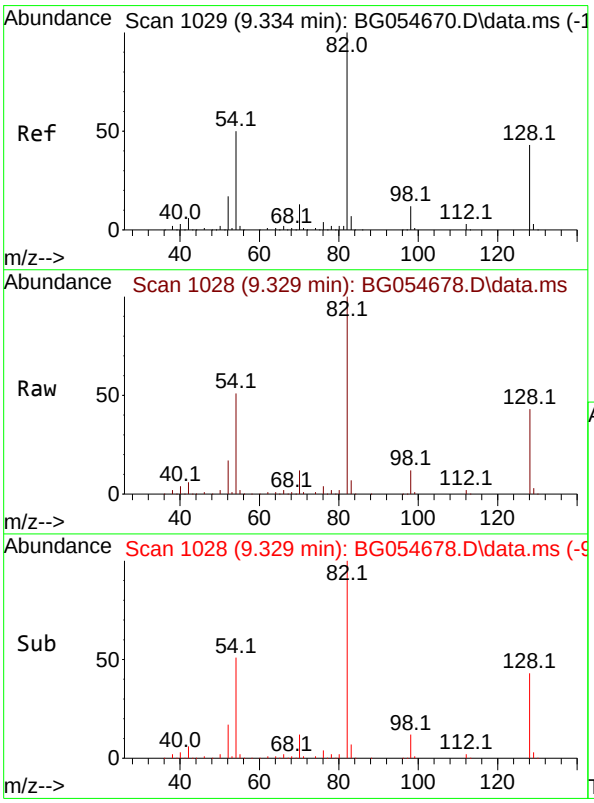
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:136 Resp: 231217

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.9	7.4	11.0
68	6.5	5.5	8.3

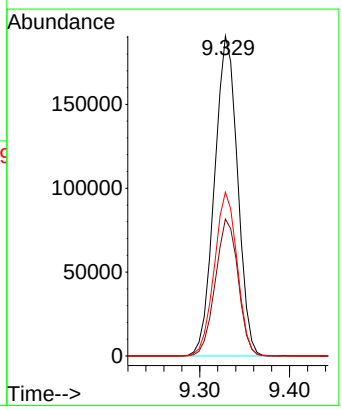


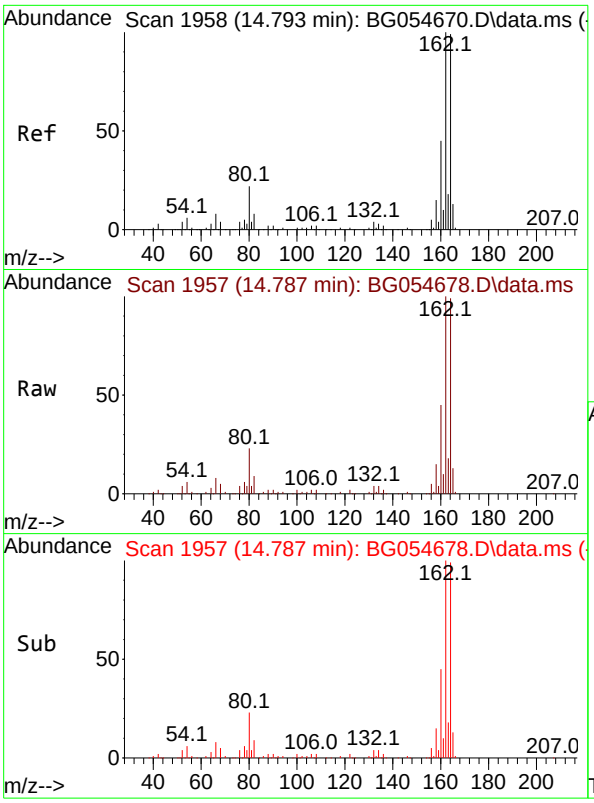


#23
Nitrobenzene-d5
Concen: 84.760 ng
RT: 9.329 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion: 82 Resp: 339453

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.3	51.5
54	51.2	40.0	60.0



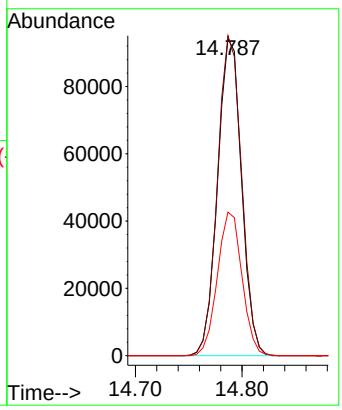


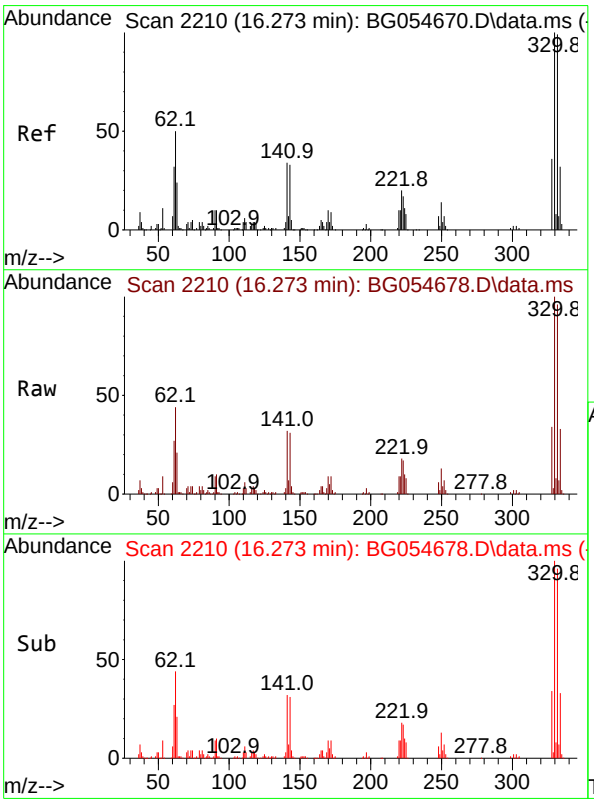
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:164 Resp: 146752

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.9	121.3
160	45.3	36.2	54.2

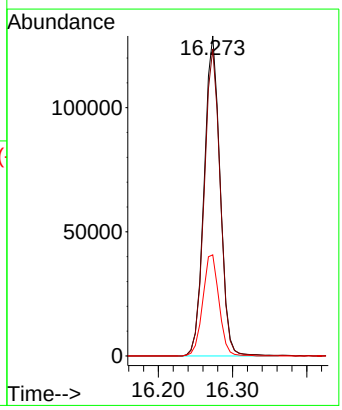


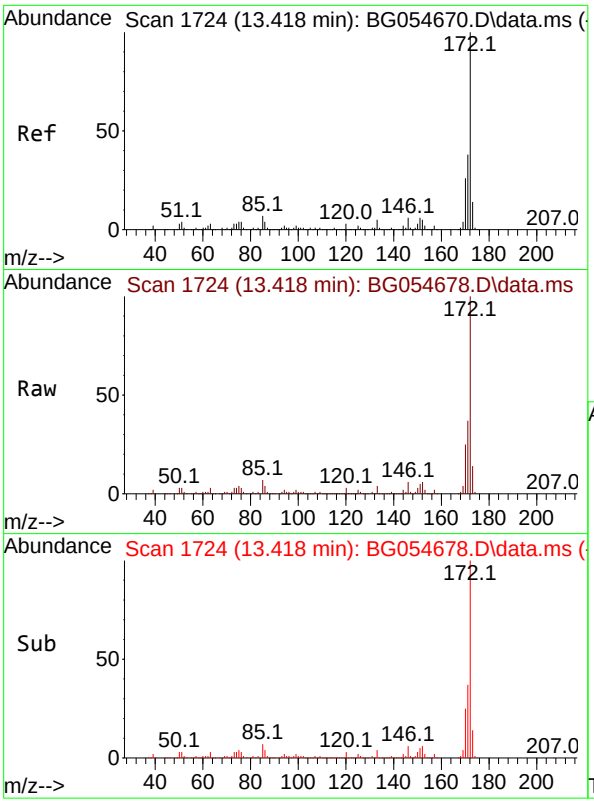


#42
2,4,6-Tribromophenol
Concen: 125.487 ng
RT: 16.273 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion:330 Resp: 192287

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	32.4	26.2	39.2



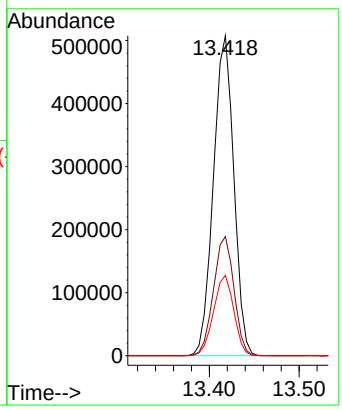


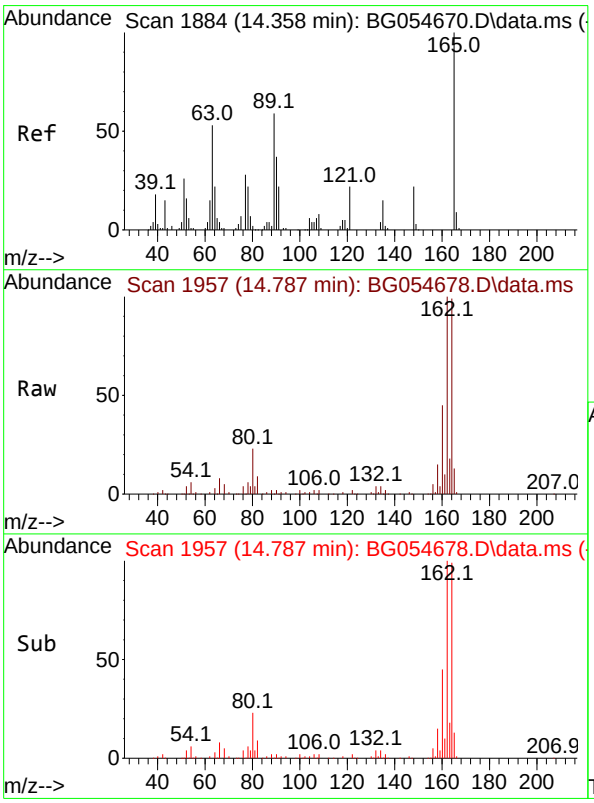
#45
2-Fluorobiphenyl
Concen: 85.475 ng
RT: 13.418 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:172 Resp: 800798

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.1	20.4	30.6

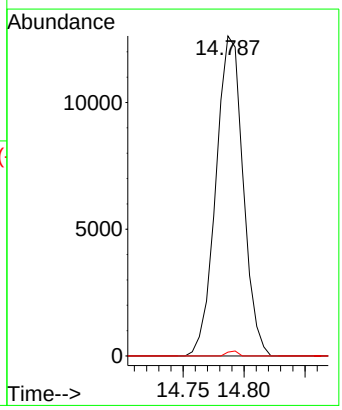


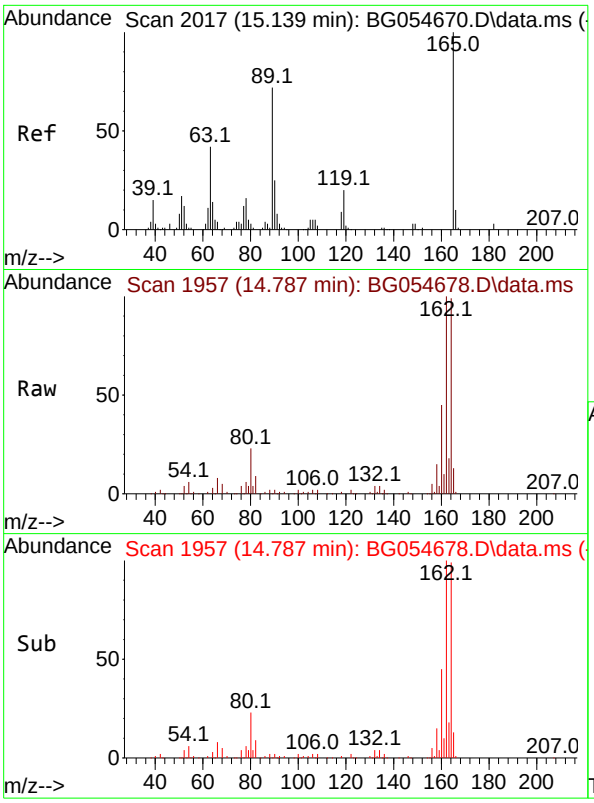


#51
2,6-Dinitrotoluene
Concen: 9.996 ng
RT: 14.787 min Scan# 1957
Delta R.T. 0.429 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion:165 Resp: 19602

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	1.2	47.4	71.2#



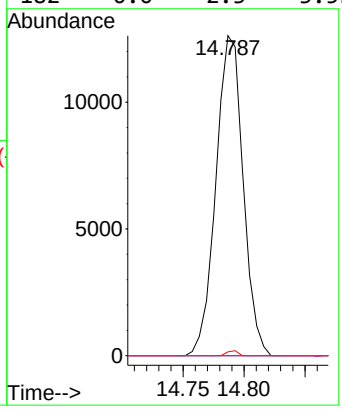


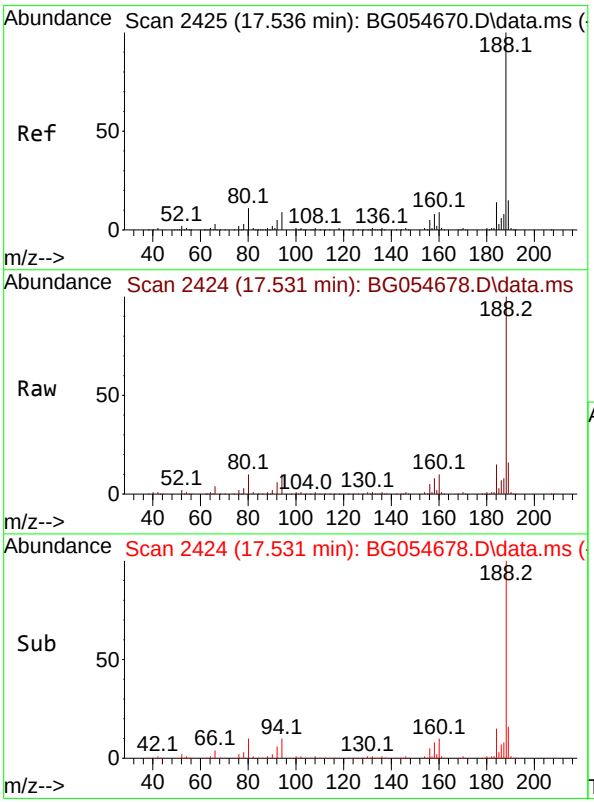
#57
2,4-Dinitrotoluene
Concen: 7.448 ng
RT: 14.787 min Scan# 1
Delta R.T. -0.352 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:165 Resp: 19602

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	1.2	57.8	86.6#
182	0.0	2.3	3.5#

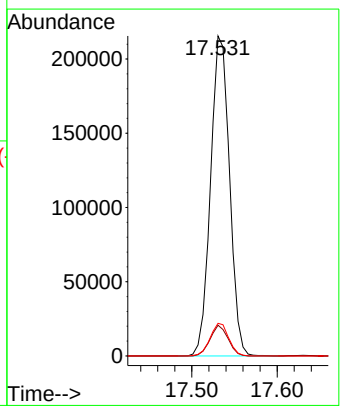


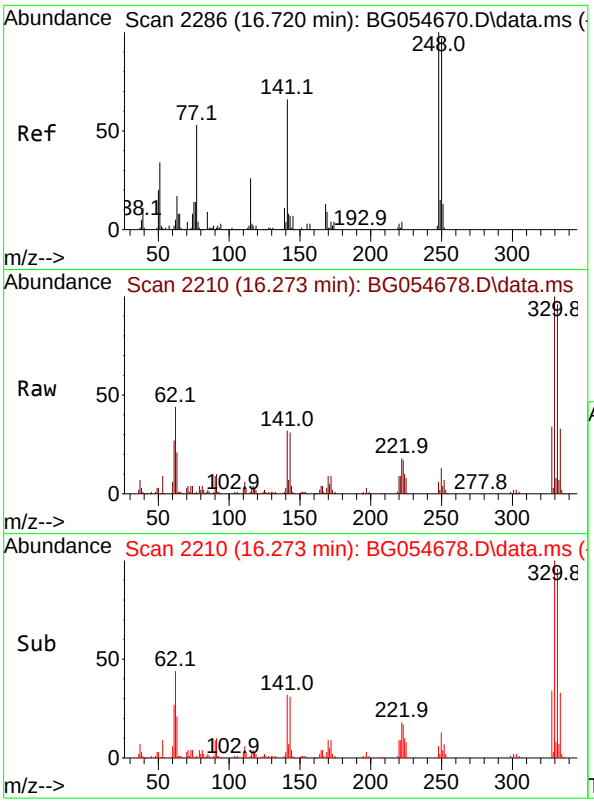


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion:188 Resp: 332560

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.0
80	10.2	8.4	12.6



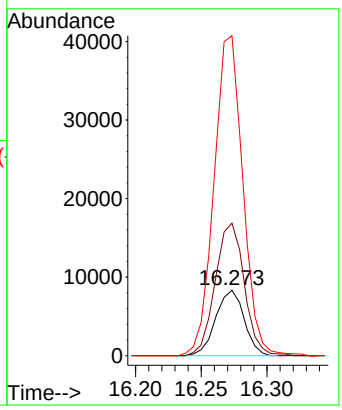


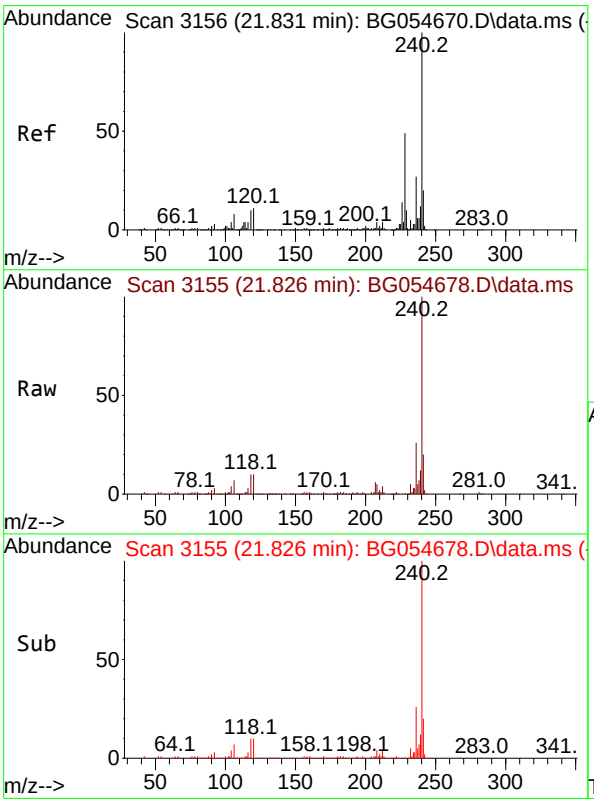
#67
4-Bromophenyl-phenylether
Concen: 3.720 ng
RT: 16.273 min Scan# 2
Delta R.T. -0.446 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:248 Resp: 12534

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.6	116.4#
141	488.9	53.0	79.6#

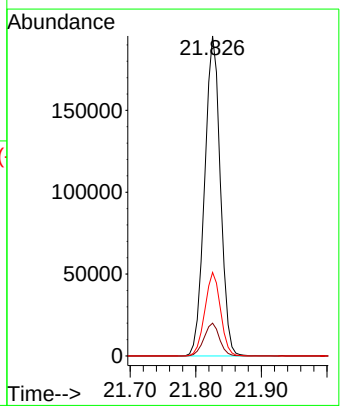


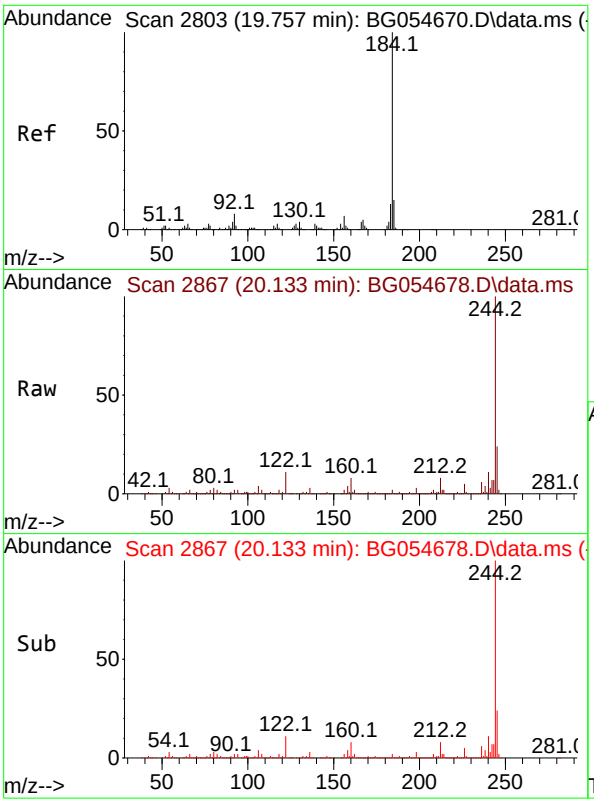


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion:240 Resp: 326021

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	13.0
236	26.1	21.3	31.9



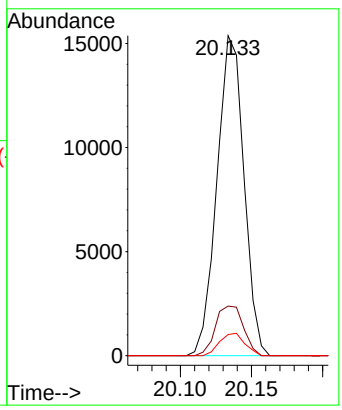


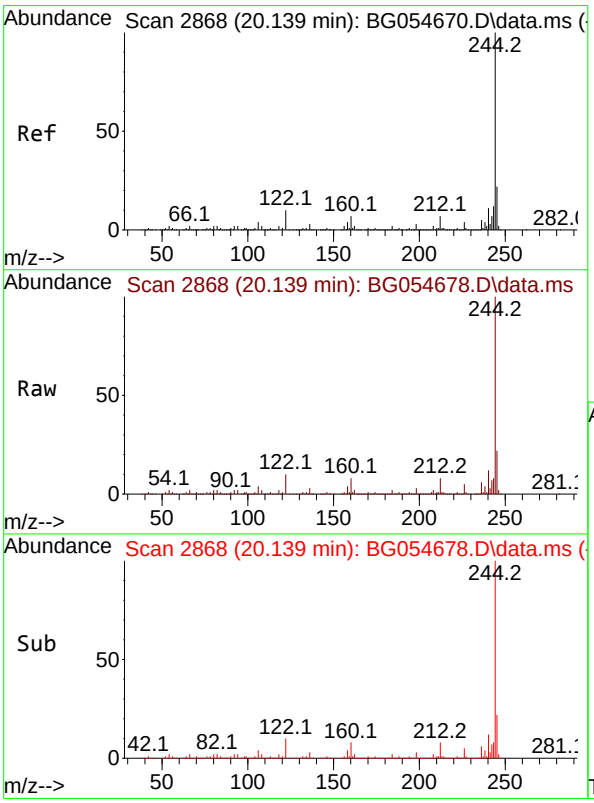
#77
Benzidine
Concen: 3.318 ng
RT: 20.133 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:184 Resp: 20282

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	6.6	10.1	15.1#

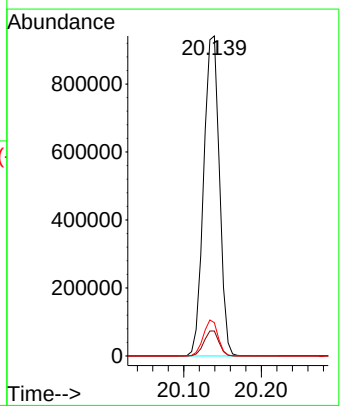


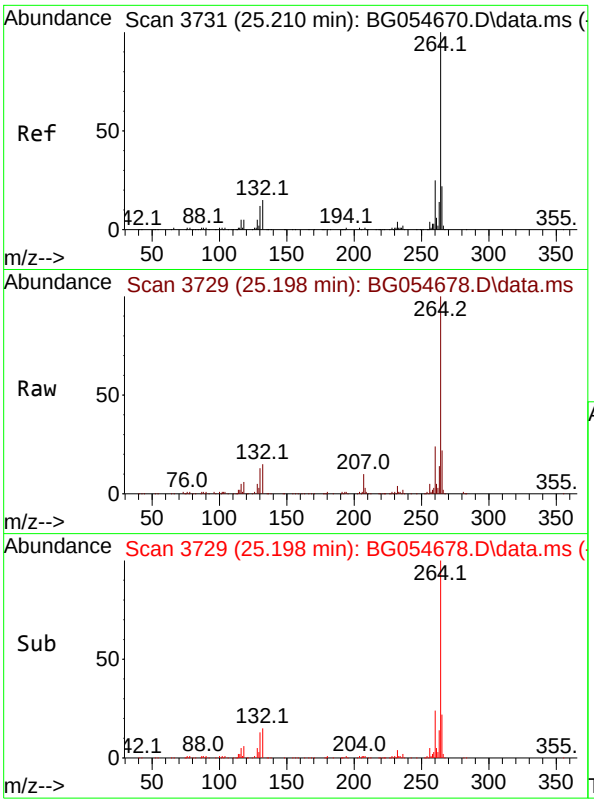


#79
Terphenyl-d14
Concen: 86.861 ng
RT: 20.139 min Scan# 2868
Delta R.T. 0.000 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Tgt Ion:244 Resp: 1324932

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	10.4	8.2	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG054678.D
Acq: 20 Aug 2022 2:08

Instrument :
BNA_G
ClientSampleId :
PB146953BL

Tgt Ion:264 Resp: 329506

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.8	17.3	25.9