Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
Data File : BG054237.D
Acq On : 7 Jul 2022 23:11
Operator : CG/JU
Sample : N3617-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-06

Quant Time: Jul 08 03:18:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	17757	20.000	ng	-0.01
21) Naphthalene-d8	10.868	136	69215	20.000	ng	#-0.01
39) Acenaphthene-d10	14.687	164	55882	20.000	ng	-0.01
64) Phenanthrene-d10	17.431	188	151831	20.000	ng	#-0.01
76) Chrysene-d12	21.708	240	188893	20.000	ng	#-0.01
86) Perylene-d12	24.958	264	195346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	66356	71.446	ng	0.00
7) Phenol-d6	7.231	99	74846	59.405	ng	0.00
23) Nitrobenzene-d5	9.223	82	132772	107.799	ng	-0.01
42) 2,4,6-Tribromophenol	16.180	330	189574	211.144	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	401848	104.567	ng	-0.01
79) Terphenyl-d14	20.040	244	861932	91.904	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.217	70	18666	22.052	ng	# 77
51) 2,6-Dinitrotoluene	14.687	165	7955	9.251	ng	# 16
57) 2,4-Dinitrotoluene	14.687	165	7955	6.551	ng	# 21
67) 4-Bromophenyl-phenylether	16.180	248	11815	6.231	ng	# 1
77) Benzidine	20.040	184	12222	3.124	ng	95

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

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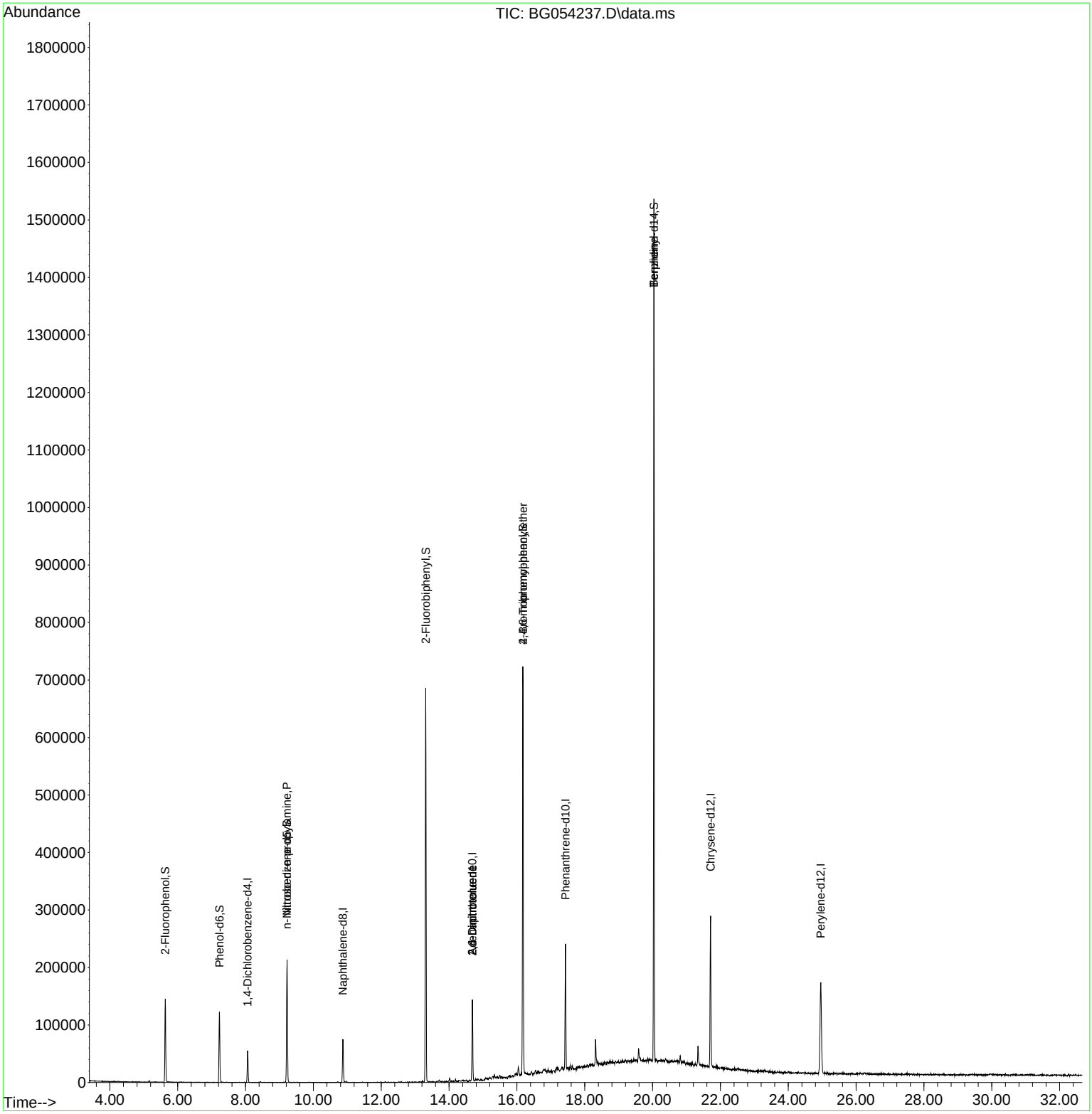
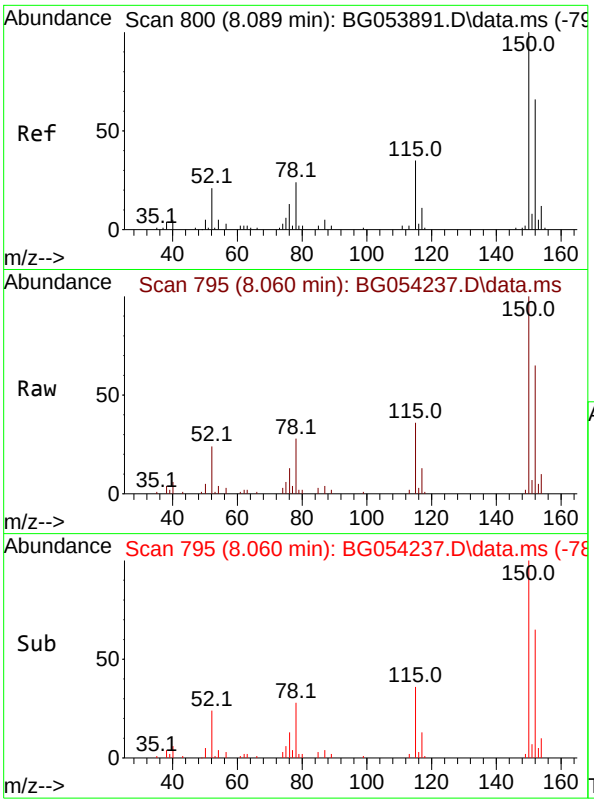


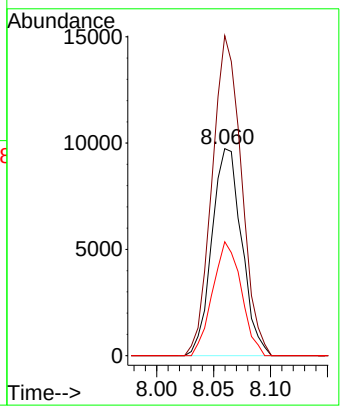


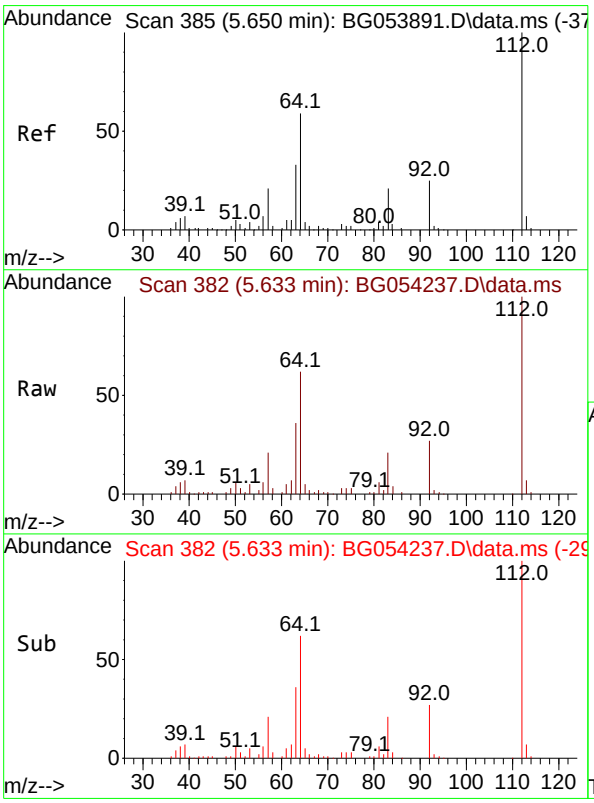
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 7
Delta R.T. -0.010 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 17757

Ion	Ratio	Lower	Upper
152	100		
150	154.5	131.6	197.4
115	55.0	50.9	76.3

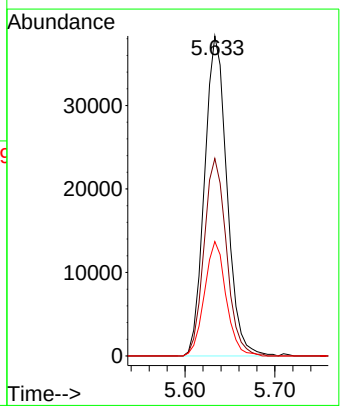


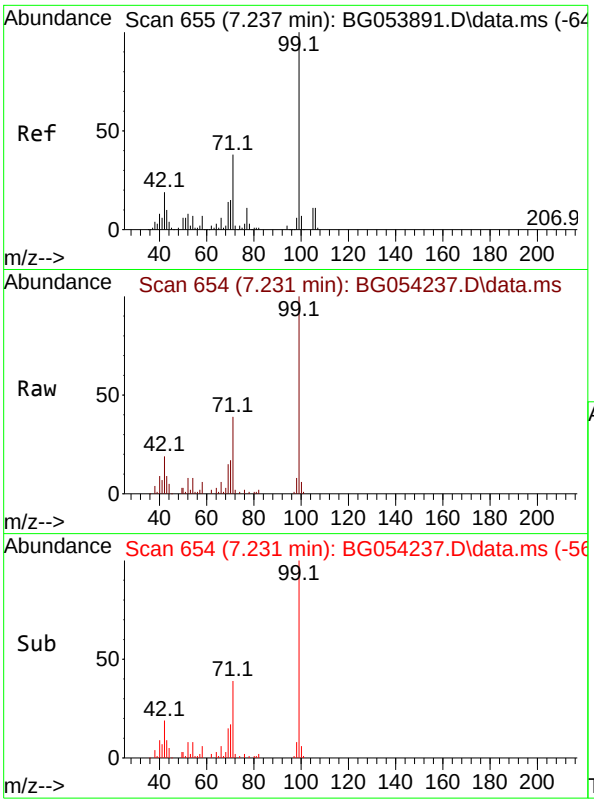


#5
2-Fluorophenol
Concen: 71.446 ng
RT: 5.633 min Scan# 382
Delta R.T. -0.005 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion:112 Resp: 66356

Ion	Ratio	Lower	Upper
112	100		
64	61.7	55.1	82.7
63	35.7	30.4	45.6



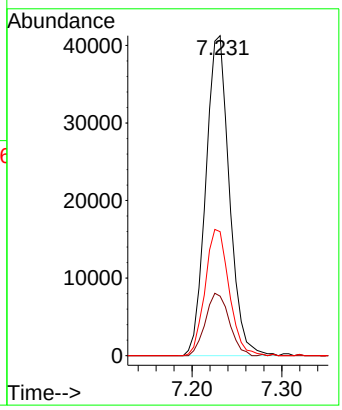


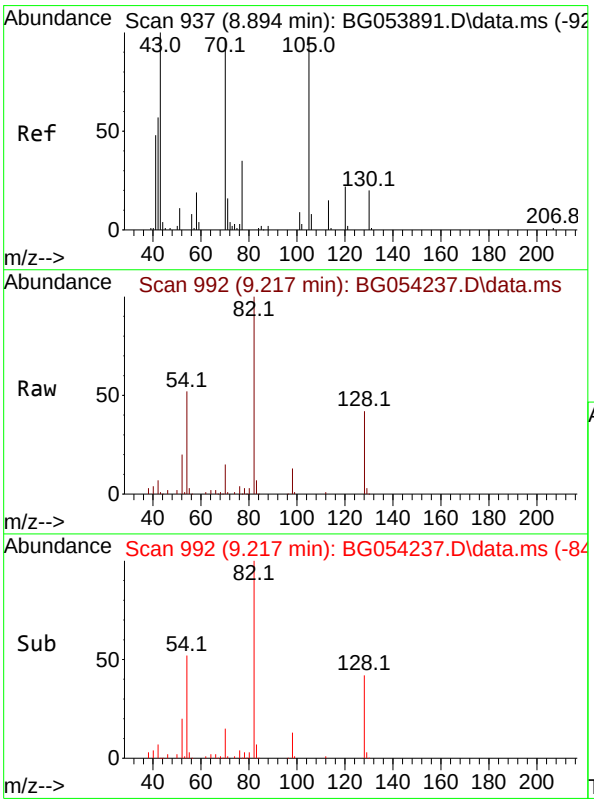
#7
Phenol-d6
Concen: 59.405 ng
RT: 7.231 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion: 99 Resp: 74846

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.0	25.6
71	38.8	33.8	50.8

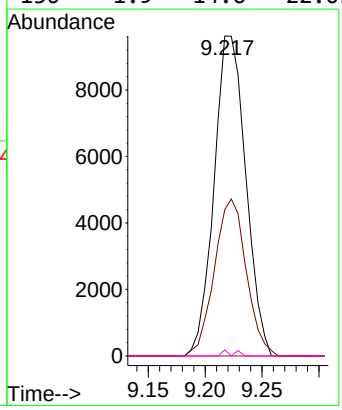


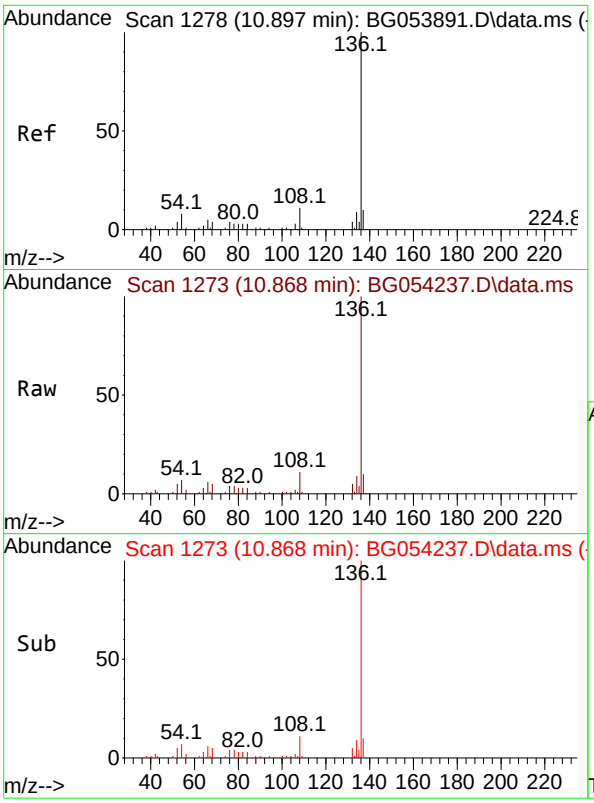


#19
n-Nitroso-di-n-propylamine
Concen: 22.052 ng
RT: 9.217 min Scan# 992
Delta R.T. 0.342 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion: 70 Resp: 18666

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.3	70.9#
101	0.0	7.0	10.4#
130	1.9	14.6	22.0#



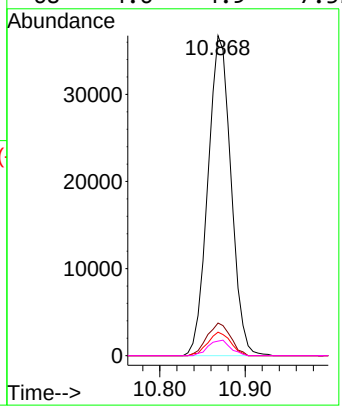


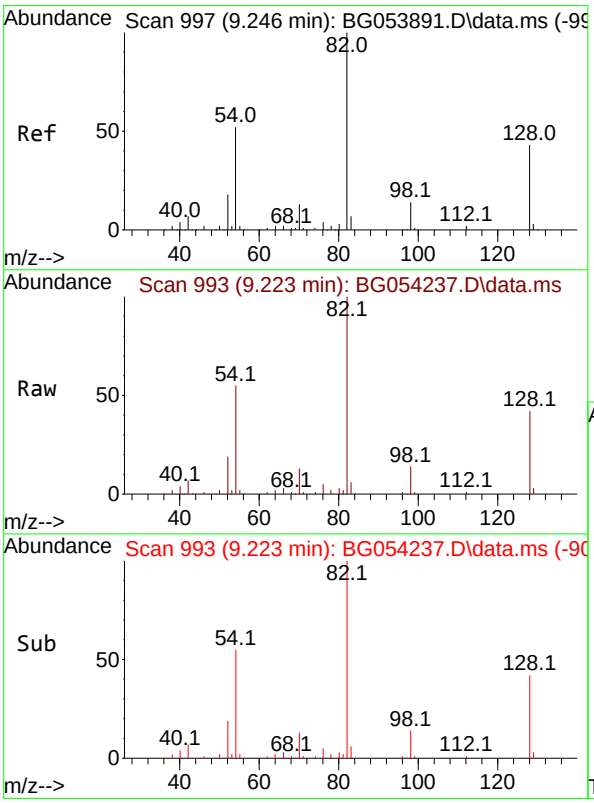
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:136 Resp: 69215

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	7.4	7.4	11.2#
68	4.6	4.9	7.3#

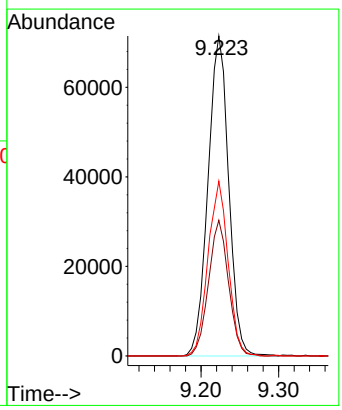


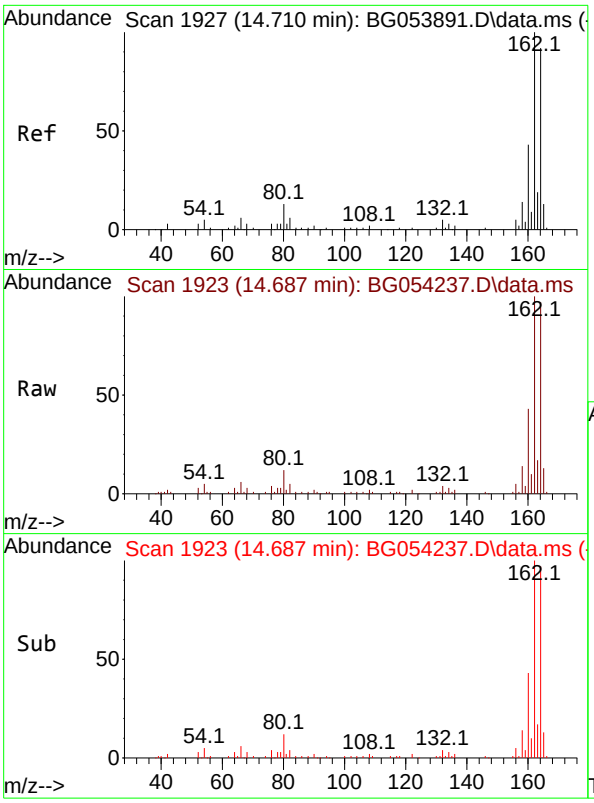


#23
Nitrobenzene-d5
Concen: 107.799 ng
RT: 9.223 min Scan# 993
Delta R.T. -0.011 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion: 82 Resp: 132772

Ion	Ratio	Lower	Upper
82	100		
128	42.4	27.9	41.9#
54	54.6	41.2	61.8



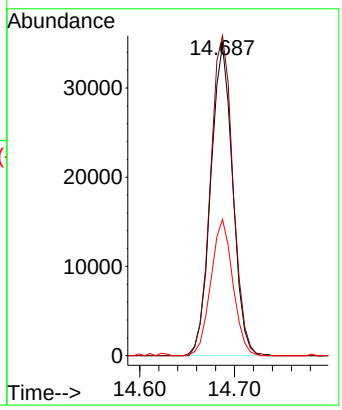


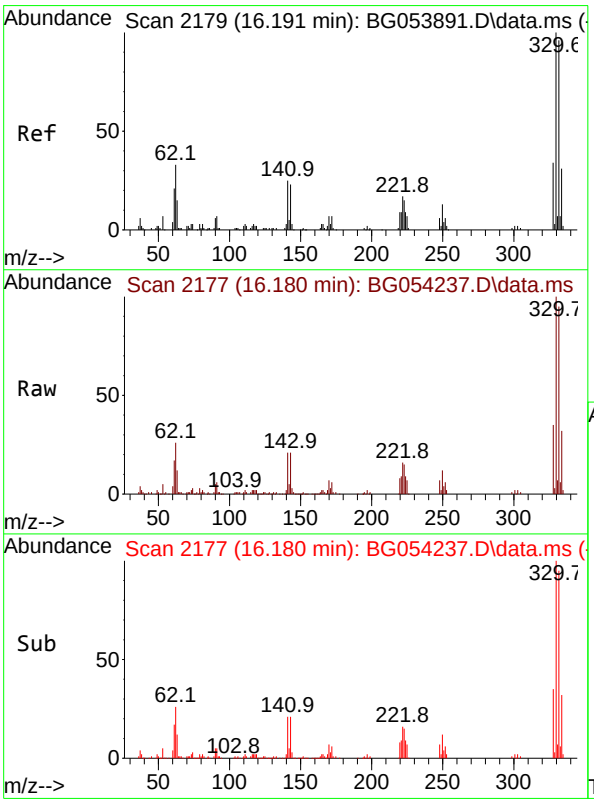
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:164 Resp: 55882

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	43.9	34.2	51.2

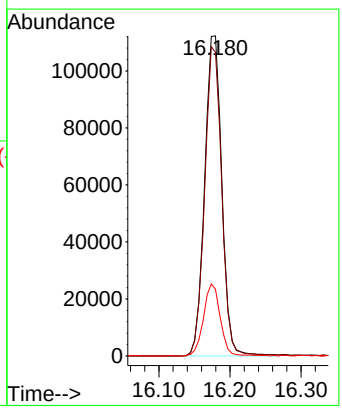


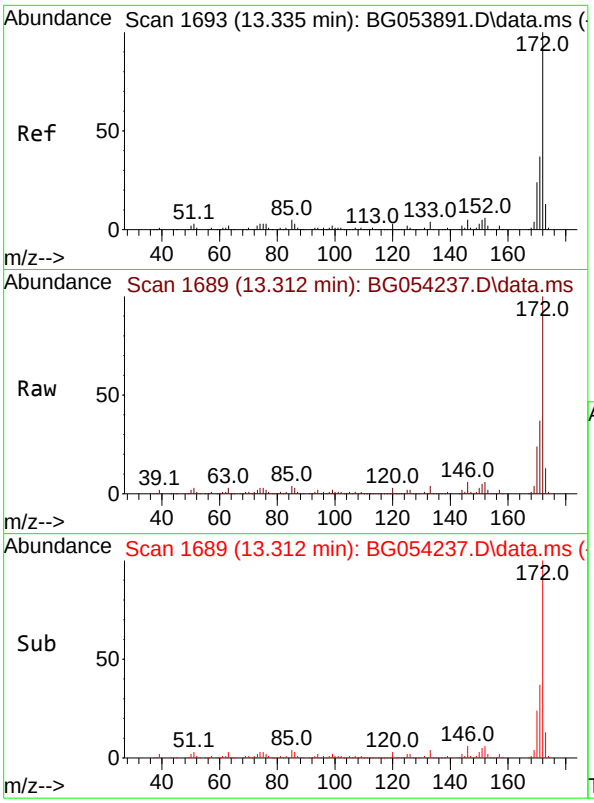


#42
2,4,6-Tribromophenol
Concen: 211.144 ng
RT: 16.180 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion:330 Resp: 189574

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	21.9	27.1	40.7#



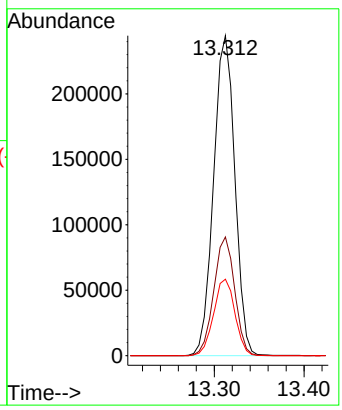


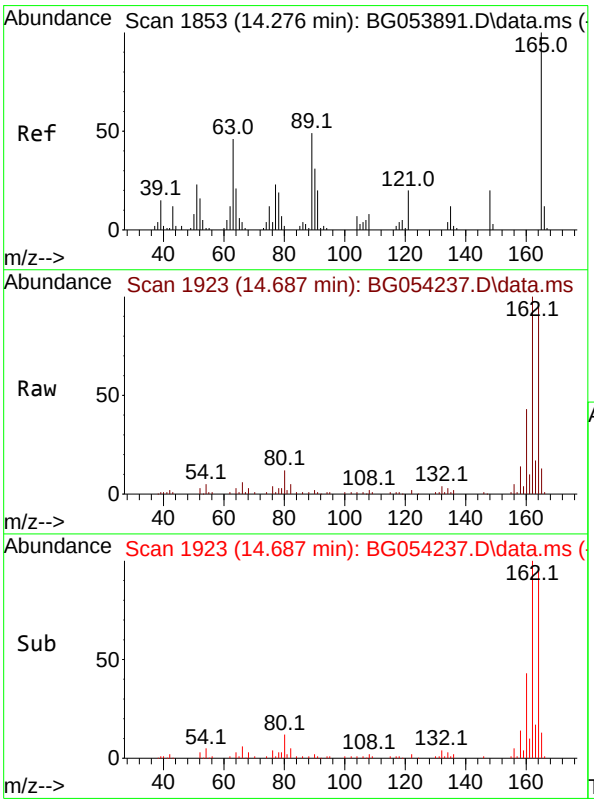
#45
2-Fluorobiphenyl
Concen: 104.567 ng
RT: 13.312 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:172 Resp: 401848

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	23.9	18.9	28.3

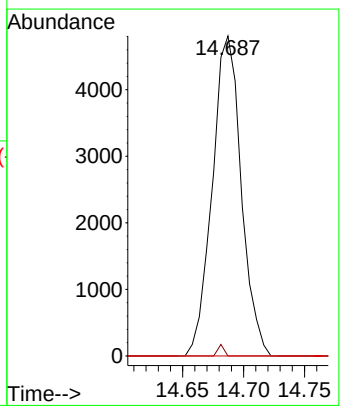


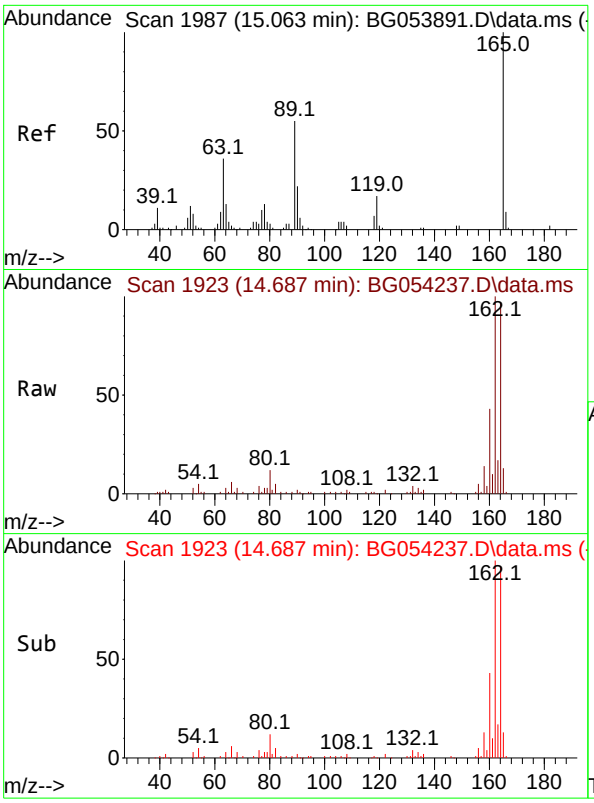


#51
2,6-Dinitrotoluene
Concen: 9.251 ng
RT: 14.687 min Scan# 1923
Delta R.T. 0.424 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion:165 Resp: 7955

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



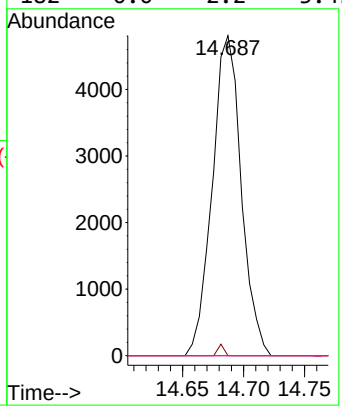


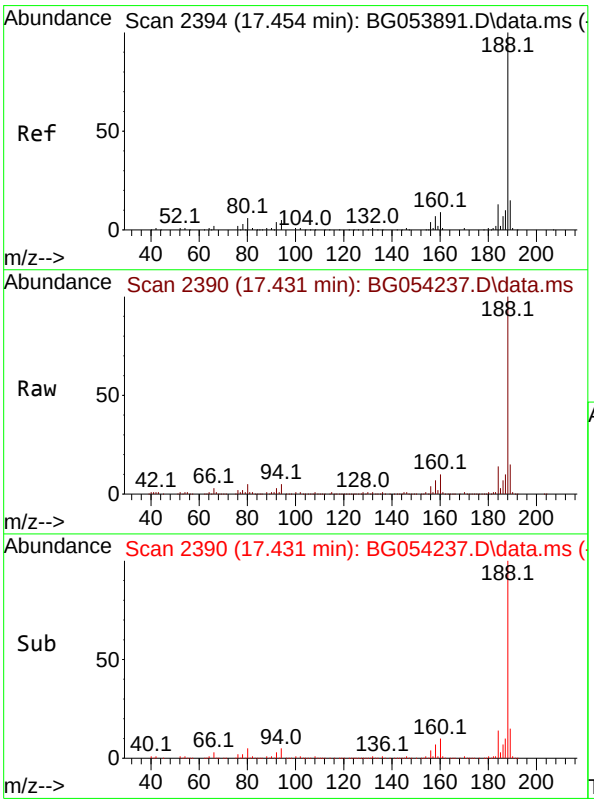
#57
2,4-Dinitrotoluene
Concen: 6.551 ng
RT: 14.687 min Scan# 1
Delta R.T. -0.363 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:165 Resp: 7955

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#

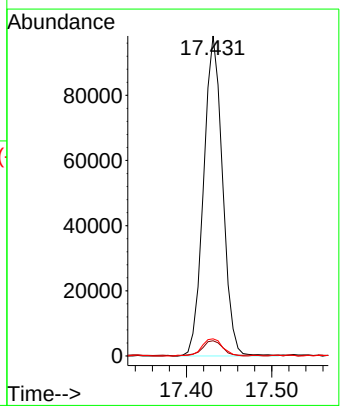


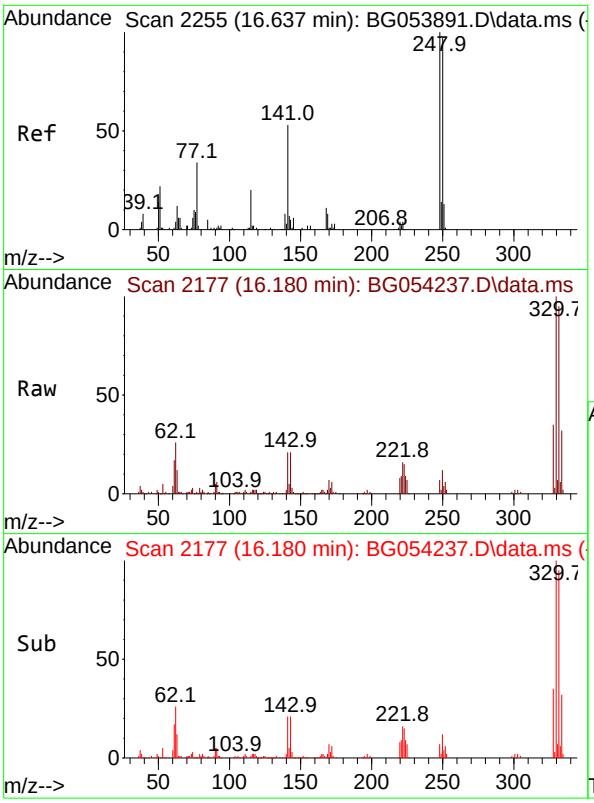


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2390
Delta R.T. -0.011 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion:188 Resp: 151831

Ion	Ratio	Lower	Upper
188	100		
94	4.8	5.4	8.0#
80	5.4	6.8	10.2#



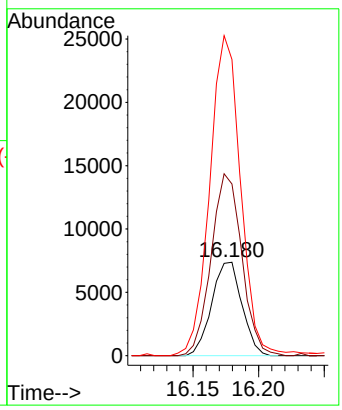


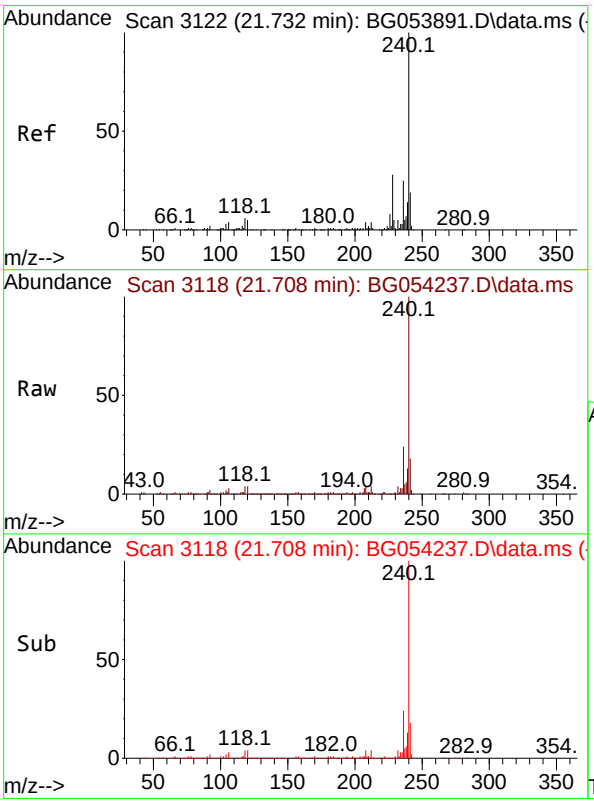
#67
4-Bromophenyl-phenylether
Concen: 6.231 ng
RT: 16.180 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:248 Resp: 11815

Ion	Ratio	Lower	Upper
248	100		
250	245.3	75.2	112.8#
141	316.8	50.0	75.0#

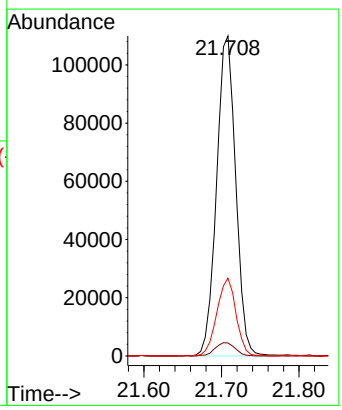


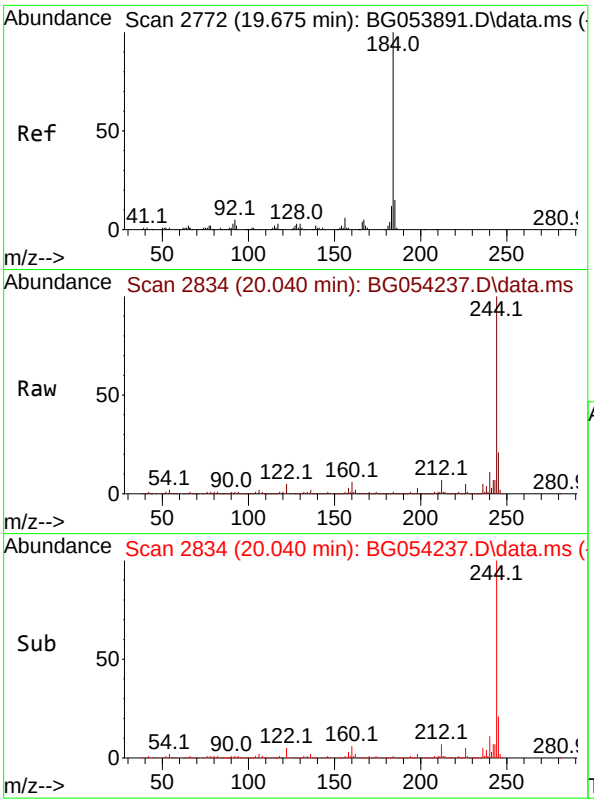


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.708 min Scan# 3118
Delta R.T. -0.011 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion:240 Resp: 188893

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.6	7.0#
236	24.3	20.2	30.4



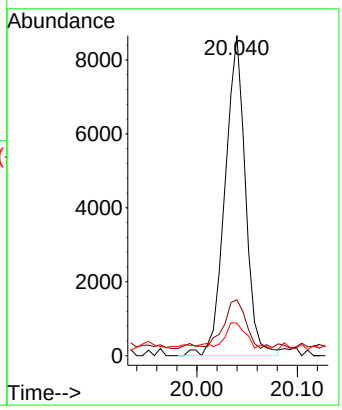


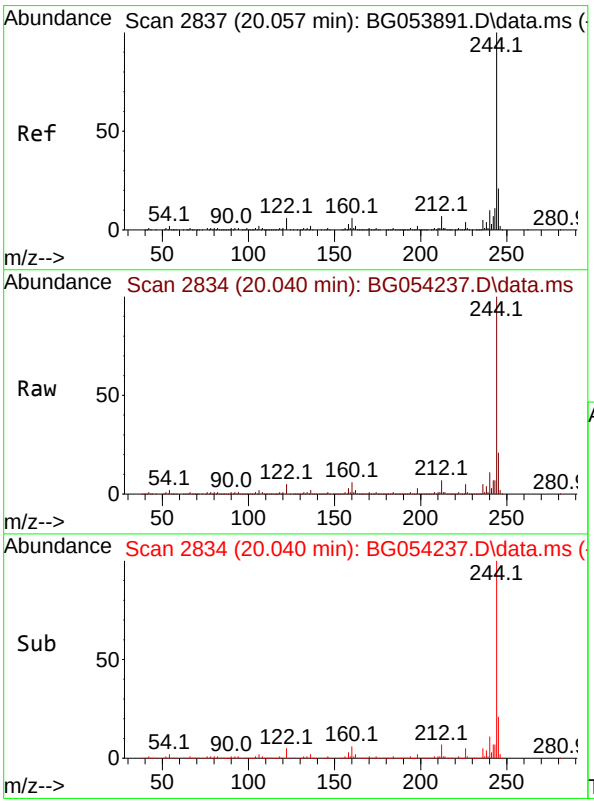
#77
Benzidine
Concen: 3.124 ng
RT: 20.040 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:184 Resp: 12222

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.8	17.6
183	10.2	8.9	13.3

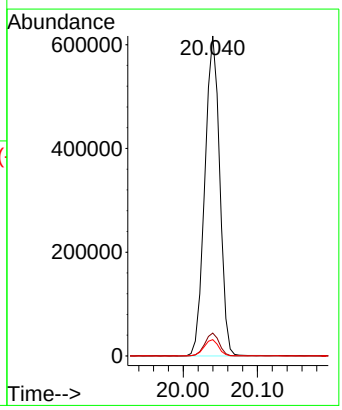


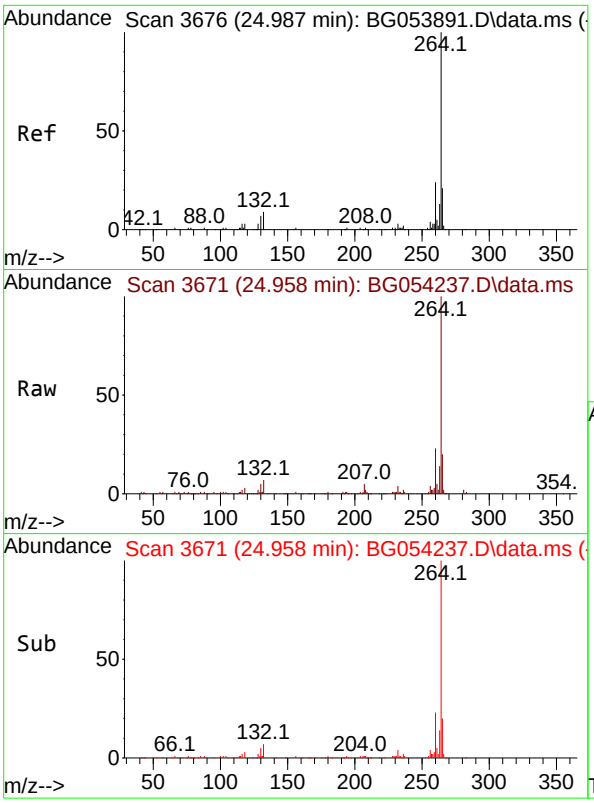


#79
Terphenyl-d14
Concen: 91.904 ng
RT: 20.040 min Scan# 2834
Delta R.T. -0.005 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Tgt Ion:244 Resp: 861932

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	5.1	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.958 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054237.D
Acq: 7 Jul 2022 23:11

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:264 Resp: 195346

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	20.0	17.4	26.2