Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054777.D
Acq On : 29 Aug 2022 18:09
Operator : CG/JU
Sample : N4376-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-45

Quant Time: Aug 30 02:49:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	49090	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	201898	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	133156	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	307124	20.000	ng	0.00
76) Chrysene-d12	21.816	240	297831	20.000	ng	0.00
86) Perylene-d12	25.183	264	309226	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	195165	69.231	ng	0.00
7) Phenol-d6	7.292	99	161623	41.922	ng	0.00
23) Nitrobenzene-d5	9.325	82	351194	91.316	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	238020	143.052	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	825302	93.157	ng	0.00
79) Terphenyl-d14	20.124	244	1306872	86.943	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.325	70	45618	17.207	ng	# 79
51) 2,6-Dinitrotoluene	14.777	165	17630	8.402	ng	# 22
57) 2,4-Dinitrotoluene	14.777	165	17630	6.075	ng	# 20
67) 4-Bromophenyl-phenylether	16.264	248	15790	4.683	ng	# 1
77) Benzidine	20.124	184	19915	2.700	ng	# 90

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

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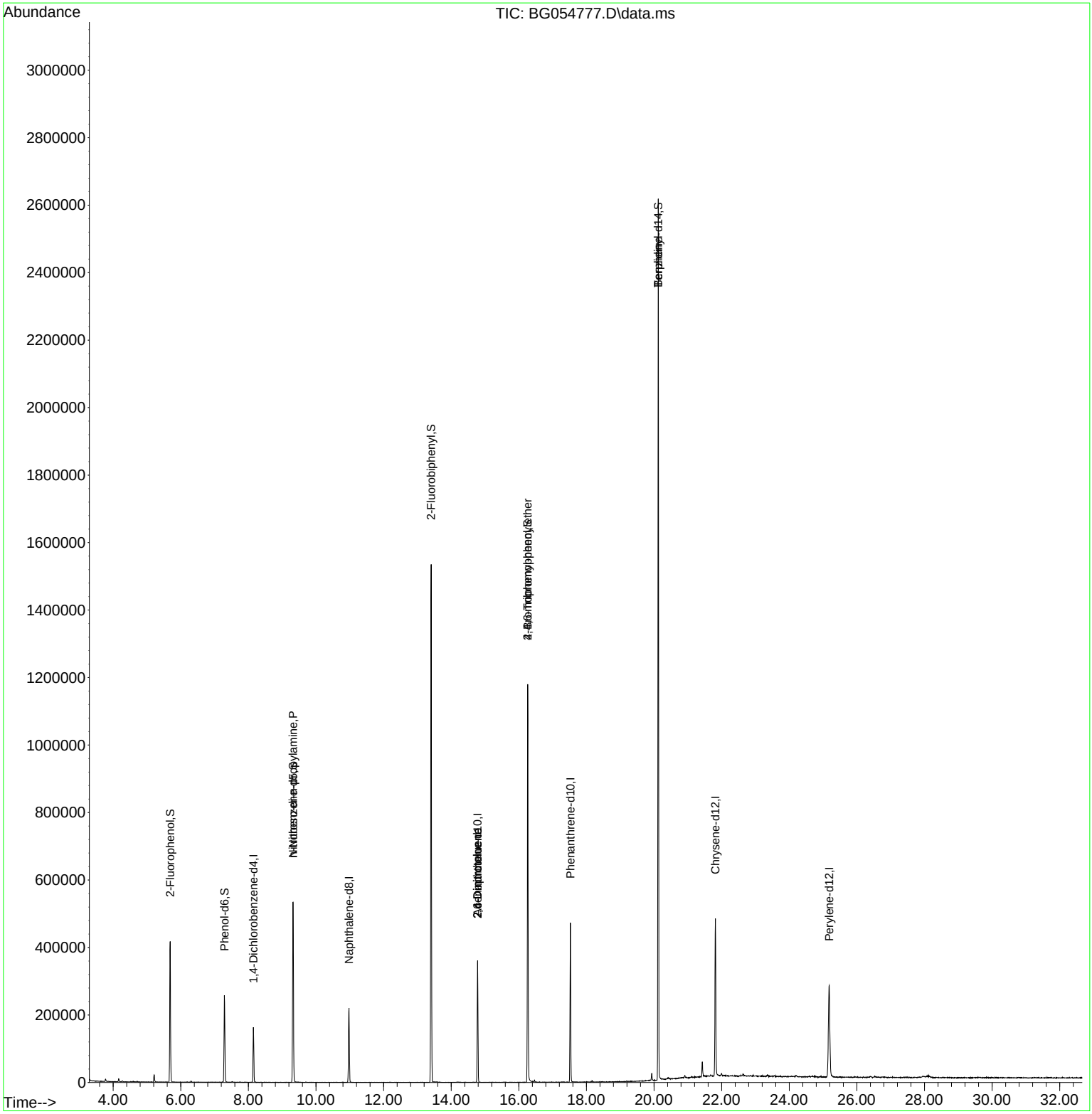
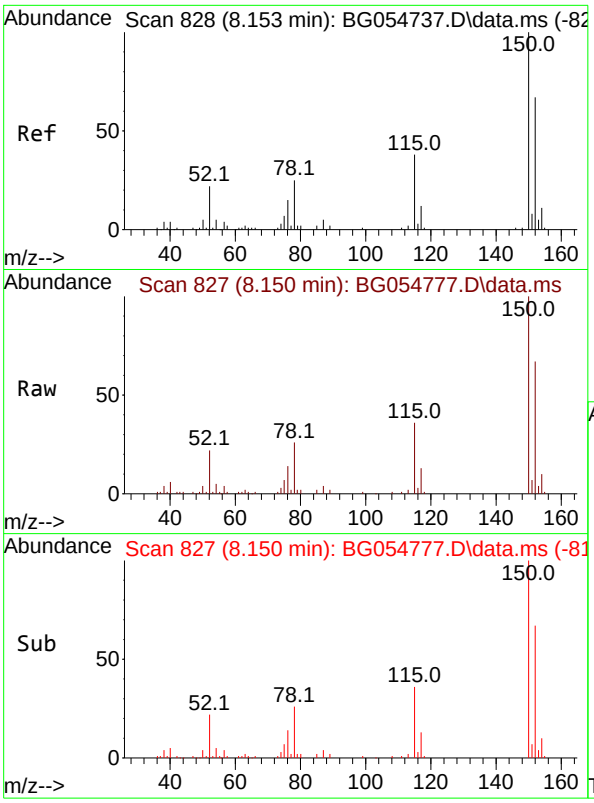


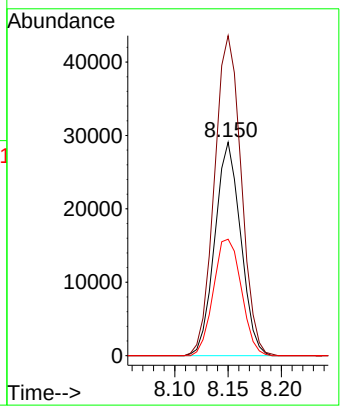


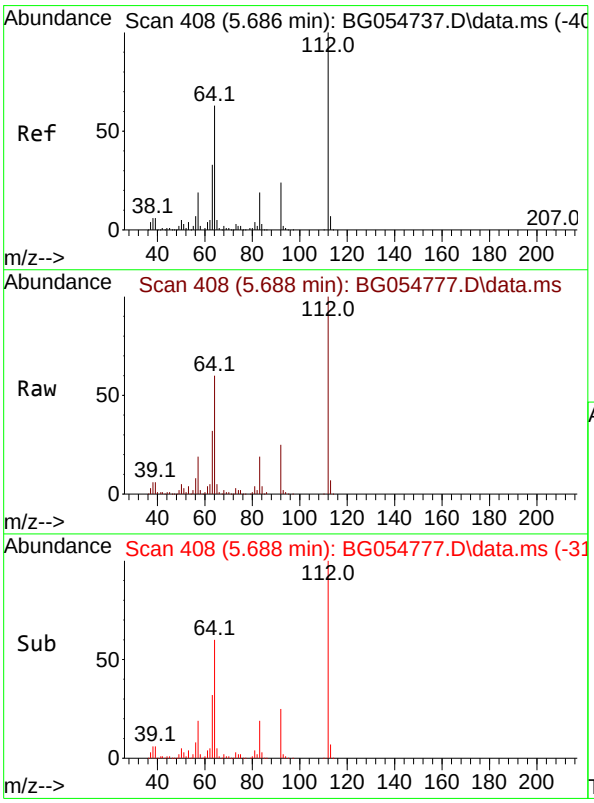
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:152 Resp: 49090

Ion	Ratio	Lower	Upper
152	100		
150	149.9	125.2	187.8
115	54.5	47.9	71.9

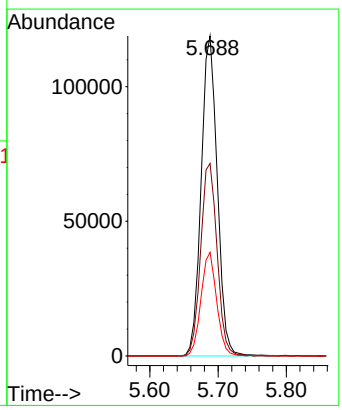


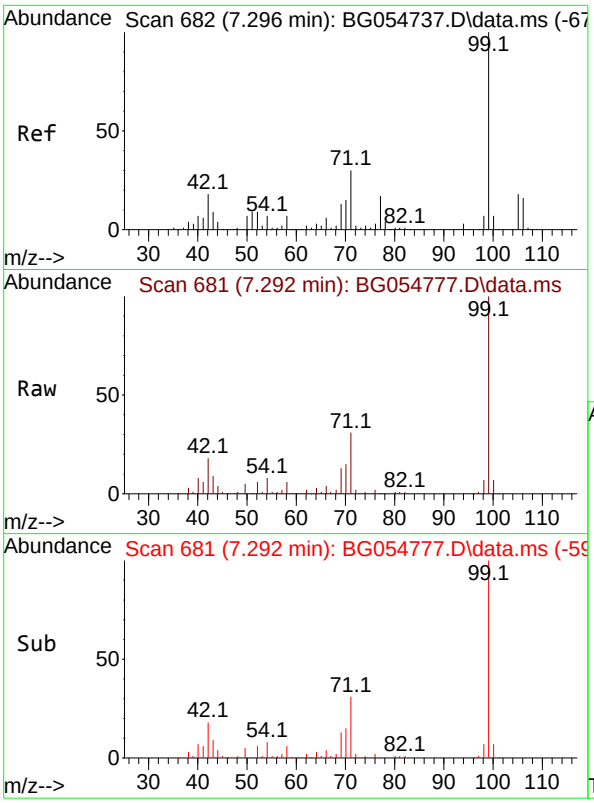


#5
2-Fluorophenol
Concen: 69.231 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:112 Resp: 195165

Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.3	73.9
63	32.4	26.3	39.5



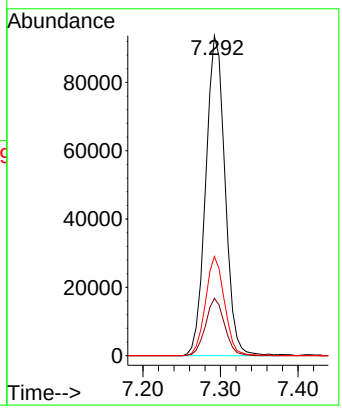


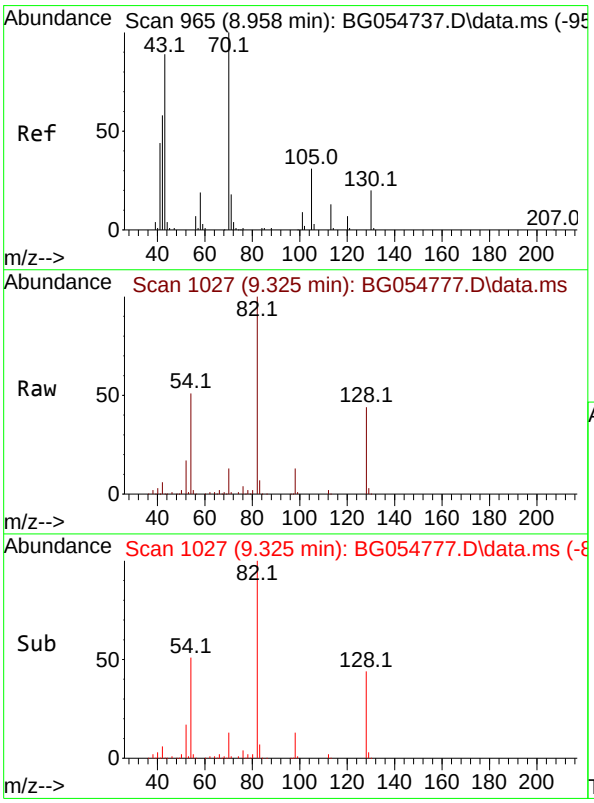
#7
Phenol-d6
Concen: 41.922 ng
RT: 7.292 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion: 99 Resp: 161623

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	22.0
71	31.0	24.6	37.0

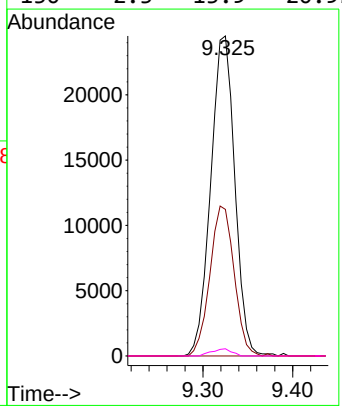


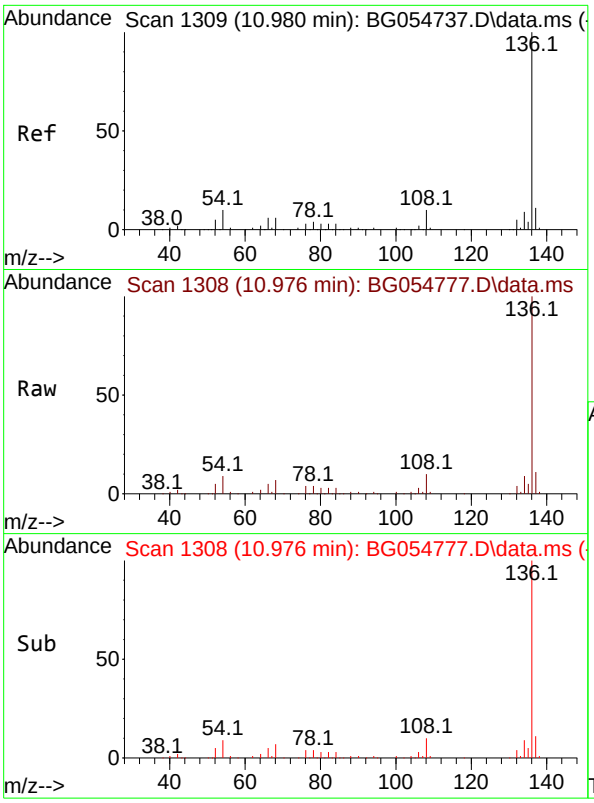


#19
n-Nitroso-di-n-propylamine
Concen: 17.207 ng
RT: 9.325 min Scan# 1027
Delta R.T. 0.367 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion: 70 Resp: 45618

Ion	Ratio	Lower	Upper
70	100		
42	45.8	46.6	69.8#
101	0.0	7.7	11.5#
130	2.3	13.9	20.9#



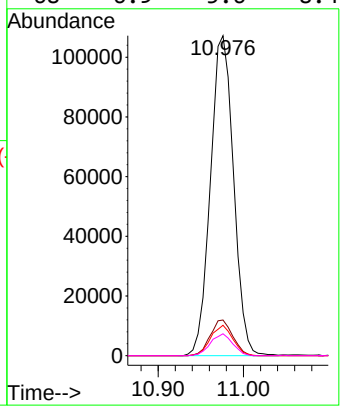


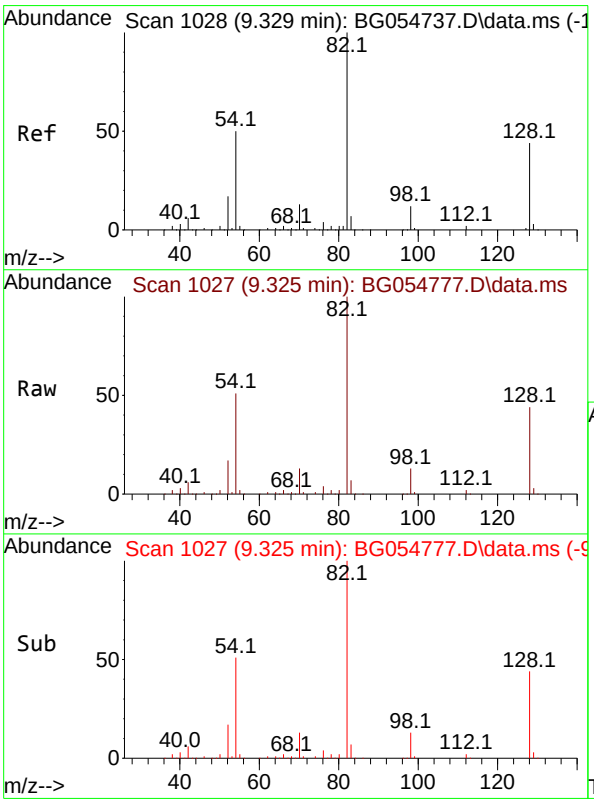
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:136 Resp: 201898

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.5	7.7	11.5
68	6.9	5.6	8.4

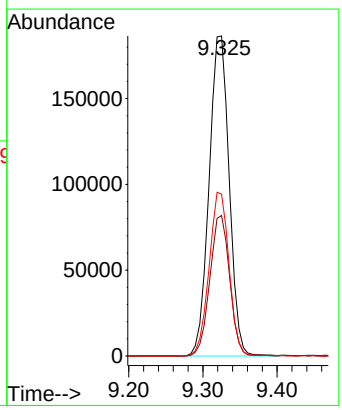


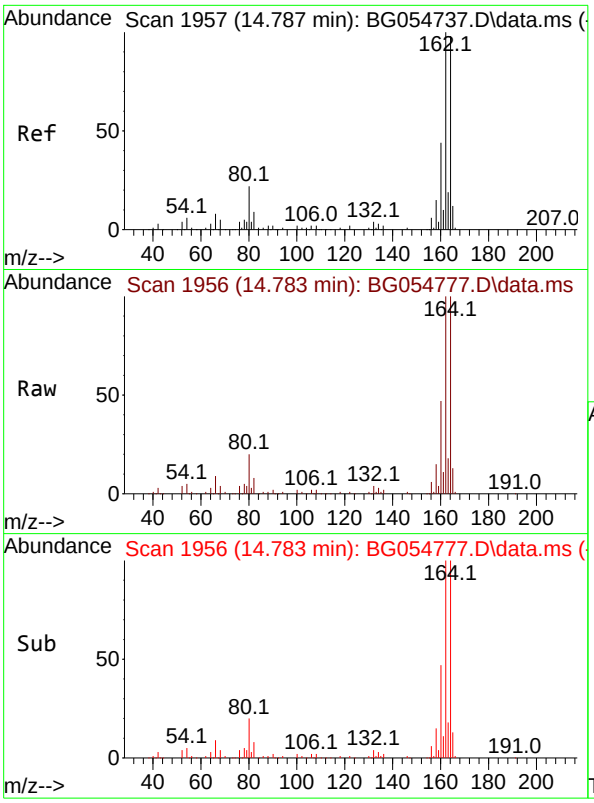


#23
Nitrobenzene-d5
Concen: 91.316 ng
RT: 9.325 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion: 82 Resp: 351194

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.2	48.2
54	50.5	41.4	62.0



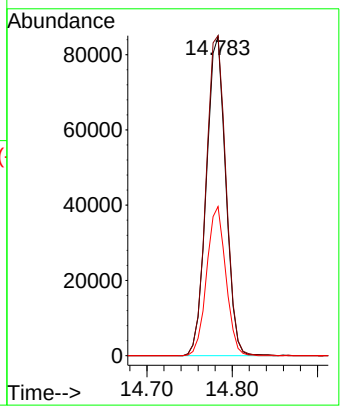


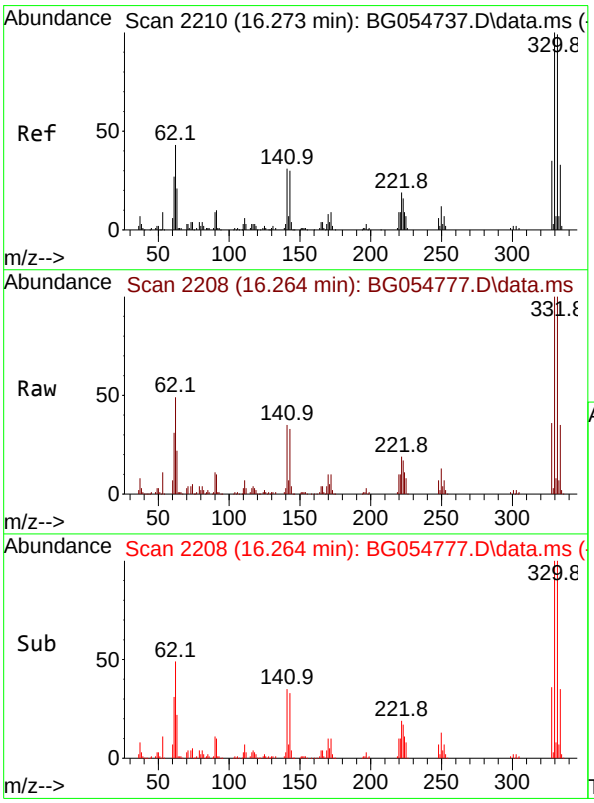
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:164 Resp: 133156

Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.0	124.4
160	46.7	38.0	57.0

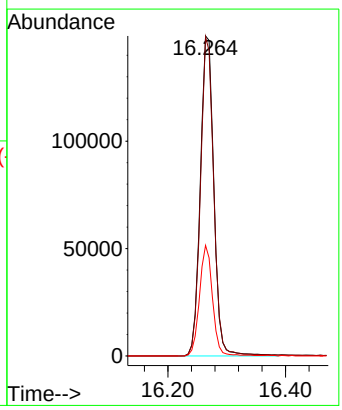


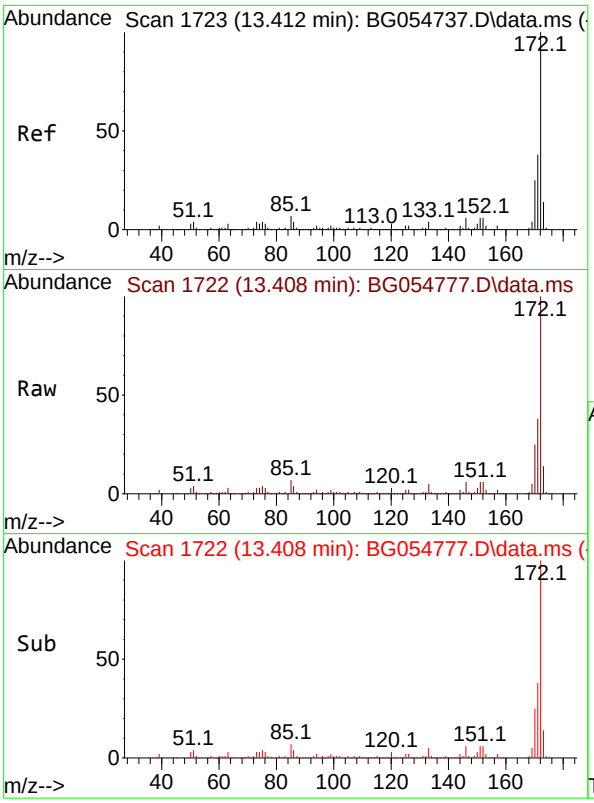


#42
2,4,6-Tribromophenol
Concen: 143.052 ng
RT: 16.264 min Scan# 2208
Delta R.T. -0.009 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:330 Resp: 238020

Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.8	119.6
141	33.2	26.8	40.2



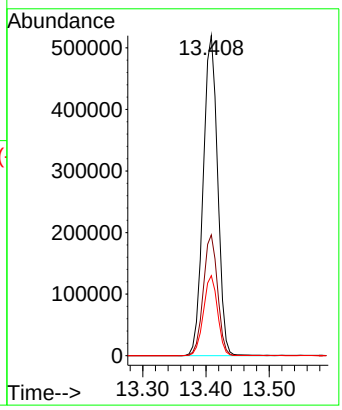


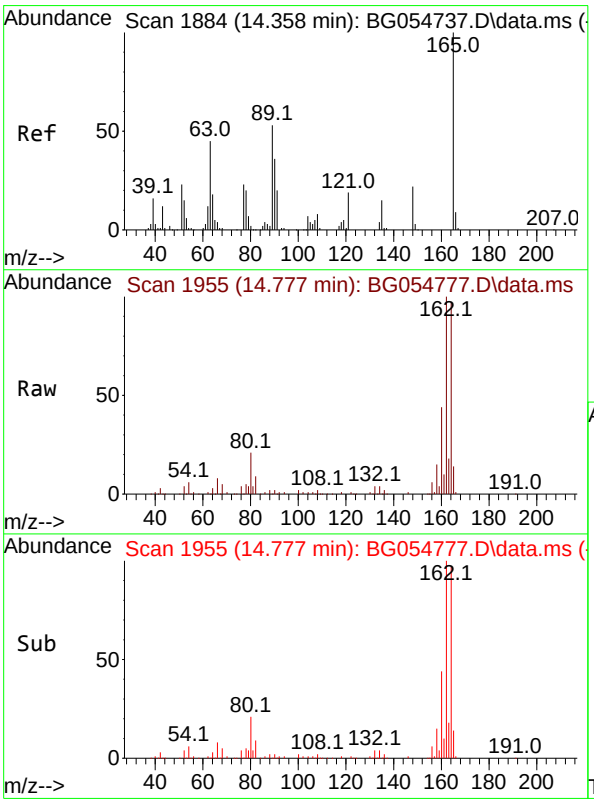
#45
2-Fluorobiphenyl
Concen: 93.157 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:172 Resp: 825302

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.2	46.8
170	25.0	20.6	30.8

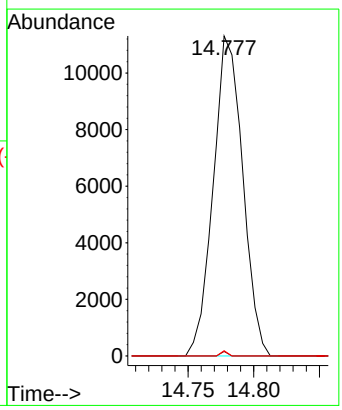


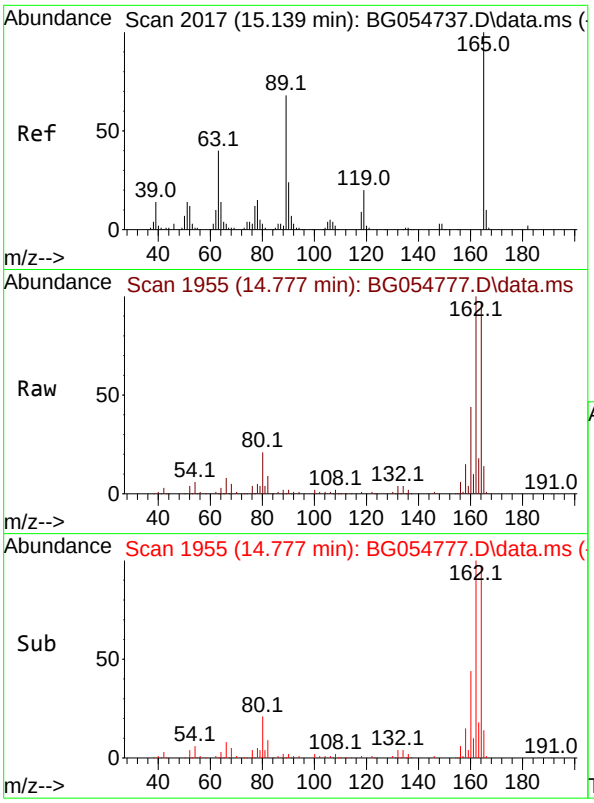


#51
2,6-Dinitrotoluene
Concen: 8.402 ng
RT: 14.777 min Scan# 1955
Delta R.T. 0.419 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:165 Resp: 17630

Ion	Ratio	Lower	Upper
165	100		
63	1.4	46.0	69.0#
89	1.6	50.3	75.5#



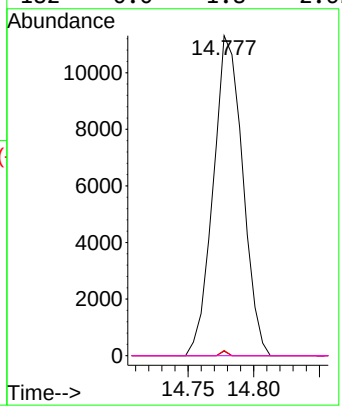


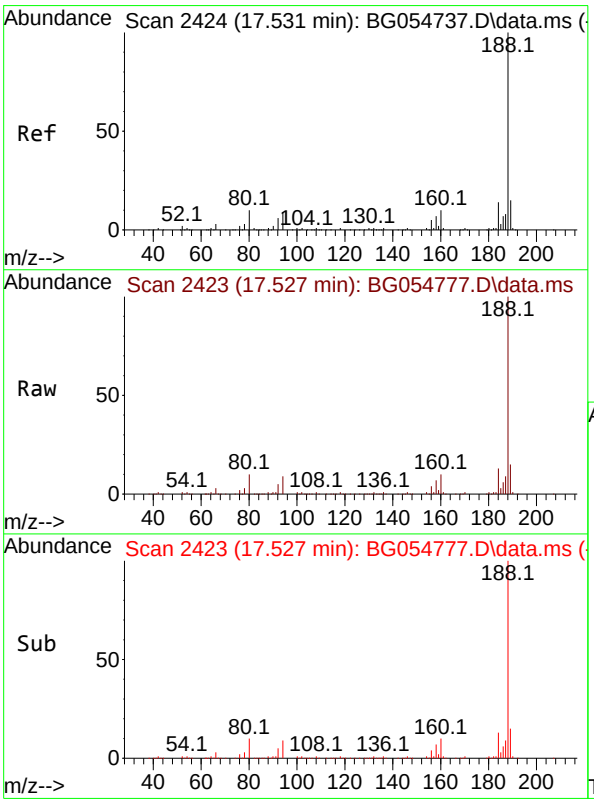
#57
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 14.777 min Scan# 1
Delta R.T. -0.362 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:165 Resp: 17630

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.8	55.2#
89	1.6	64.3	96.5#
182	0.0	1.8	2.6#

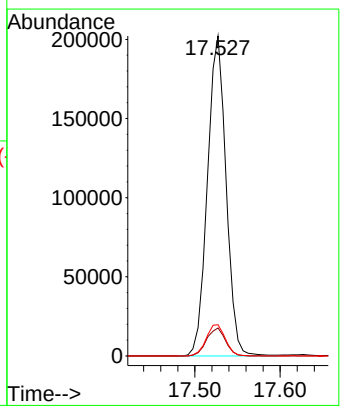


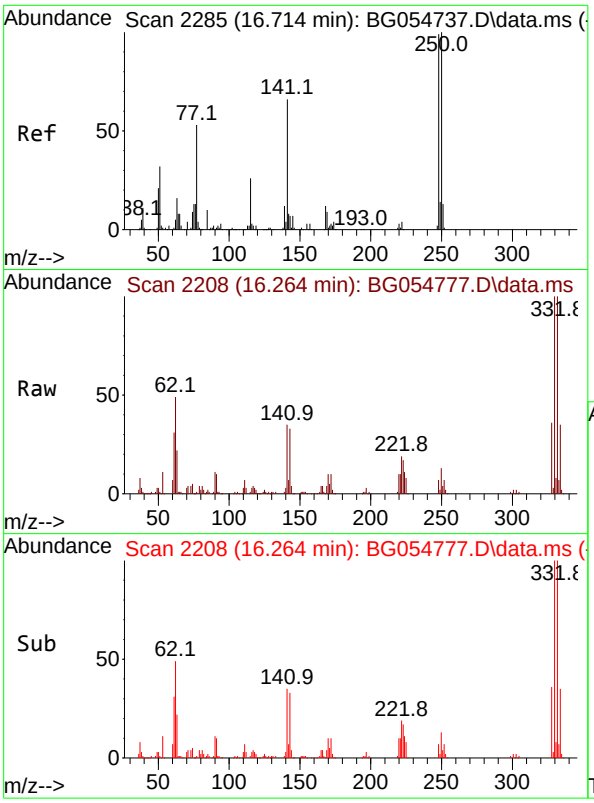


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:188 Resp: 307124

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.7	7.9	11.9



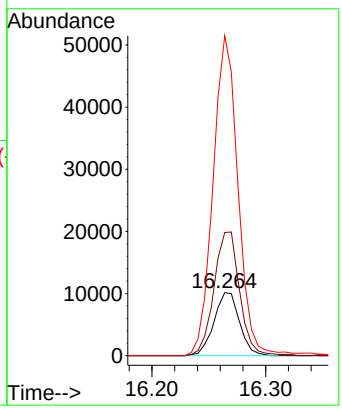


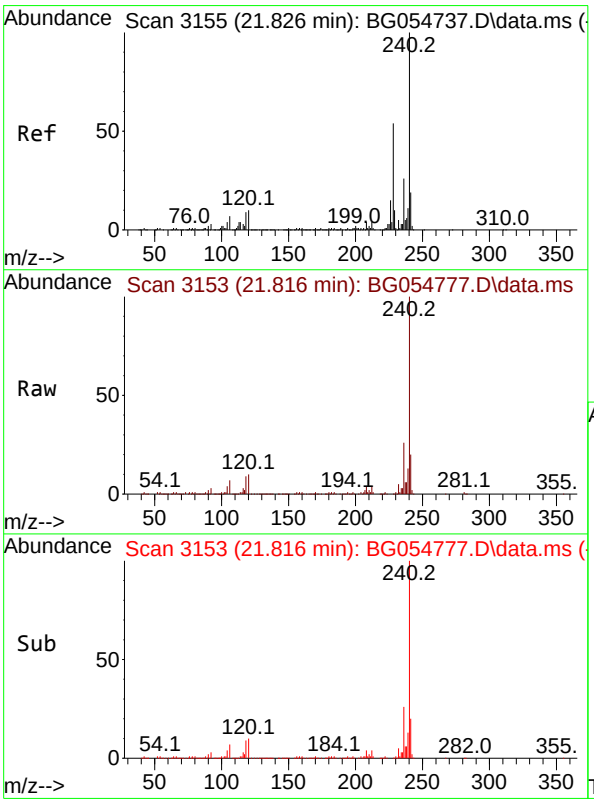
#67
4-Bromophenyl-phenylether
Concen: 4.683 ng
RT: 16.264 min Scan# 2
Delta R.T. -0.450 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:248 Resp: 15790

Ion	Ratio	Lower	Upper
248	100		
250	195.4	78.8	118.2#
141	507.5	51.9	77.9#

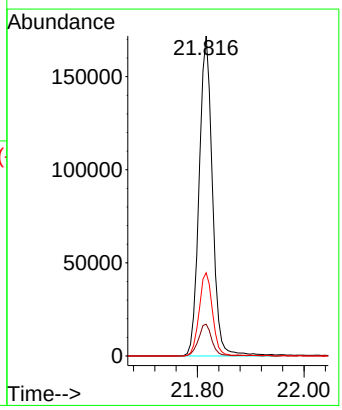


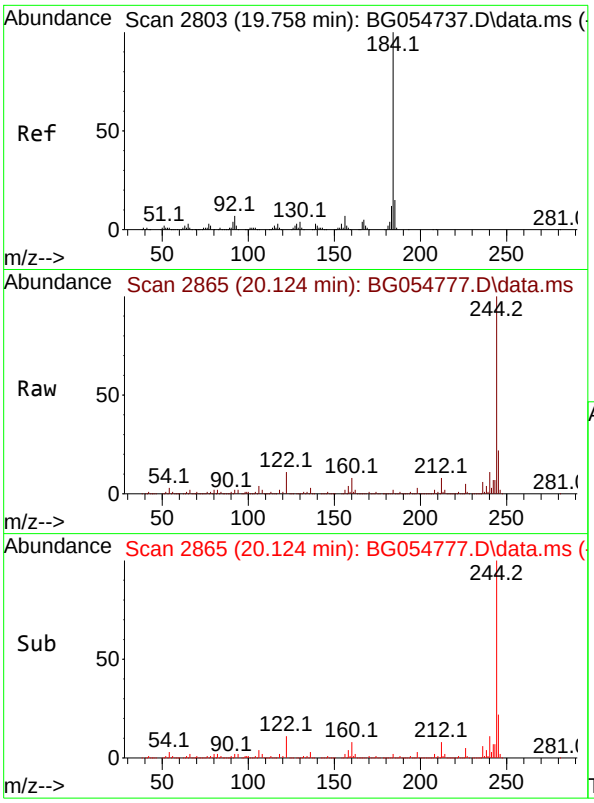


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:240 Resp: 297831

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.4
236	26.0	21.2	31.8



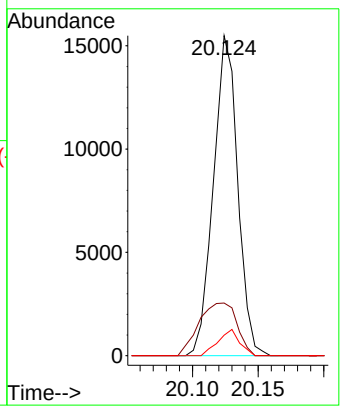


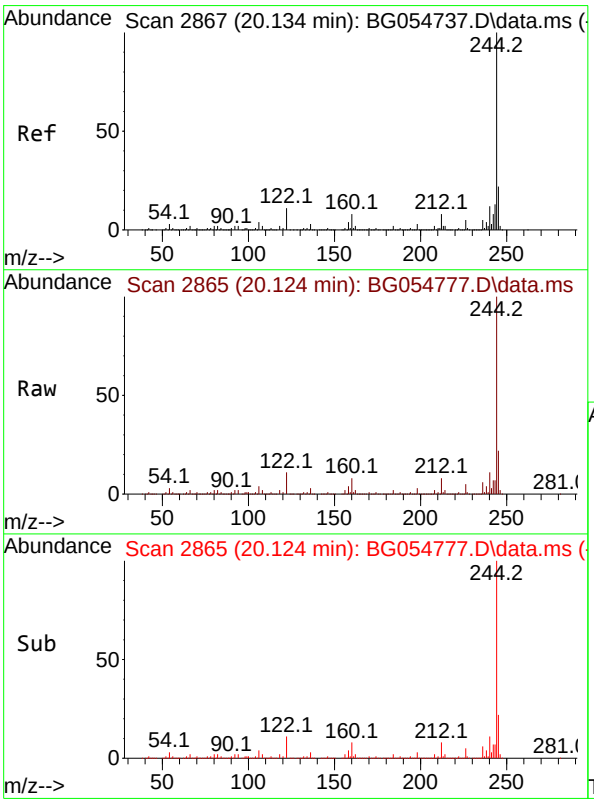
#77
Benzidine
Concen: 2.700 ng
RT: 20.124 min Scan# 2
Delta R.T. 0.367 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:184 Resp: 19915

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.4	17.0
183	6.4	9.8	14.8#

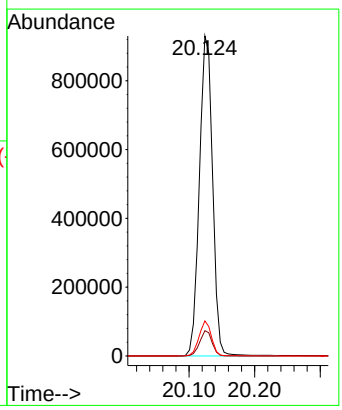


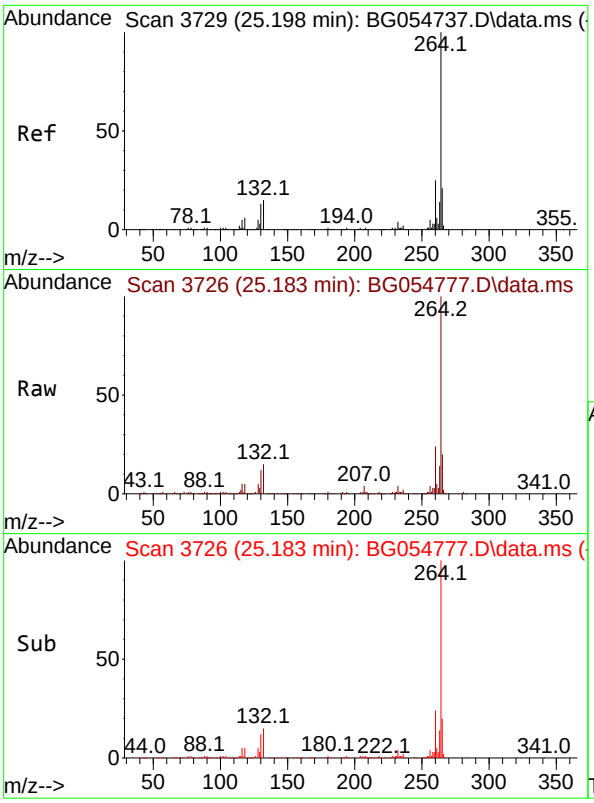


#79
Terphenyl-d14
Concen: 86.943 ng
RT: 20.124 min Scan# 2865
Delta R.T. -0.009 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:244 Resp: 1306872

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	11.0	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.183 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:264 Resp: 309226

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	20.4	16.9	25.3