Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054328.D
Acq On : 20 Jul 2022 15:16
Operator : CG/JU
Sample : N3771-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2V

Quant Time: Jul 21 01:24:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	17332	20.000	ng	0.00
21) Naphthalene-d8	10.803	136	66942	20.000	ng	# 0.00
39) Acenaphthene-d10	14.628	164	56212	20.000	ng	0.00
64) Phenanthrene-d10	17.378	188	148630	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	182570	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	192276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	49800	59.991	ng	0.00
7) Phenol-d6	7.160	99	39212	34.473	ng	-0.01
23) Nitrobenzene-d5	9.158	82	124347	101.156	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	190370	161.297	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	392801	98.577	ng	0.00
79) Terphenyl-d14	19.986	244	918115	99.762	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.158	70	18206	23.969	ng	# 87
51) 2,6-Dinitrotoluene	14.628	165	7829	8.129	ng	# 16
57) 2,4-Dinitrotoluene	14.628	165	7829	5.671	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	11460	5.490	ng	# 1
77) Benzidine	19.986	184	12234	3.700	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054328.D
Acq On : 20 Jul 2022 15:16
Operator : CG/JU
Sample : N3771-01
Misc :
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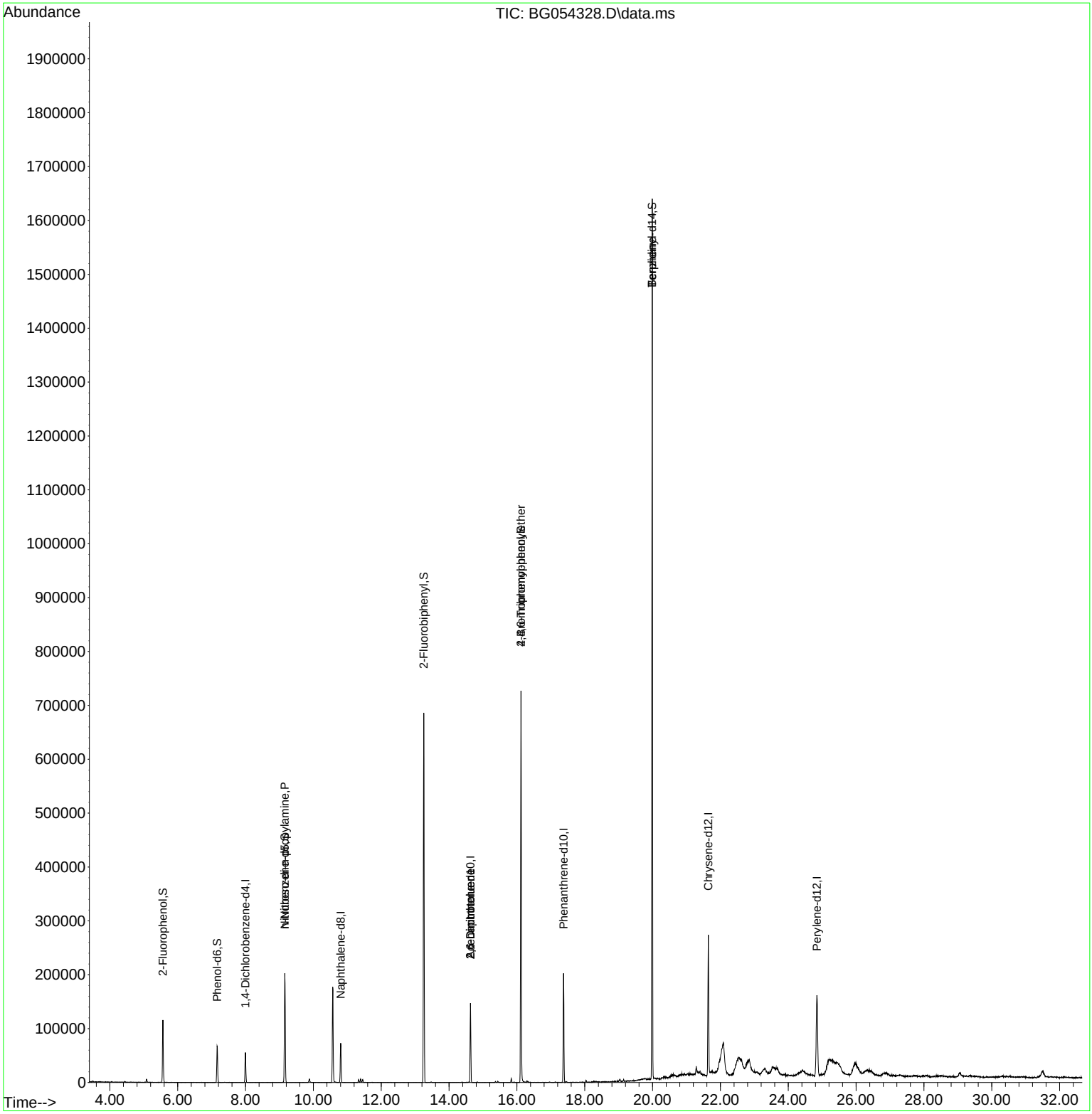
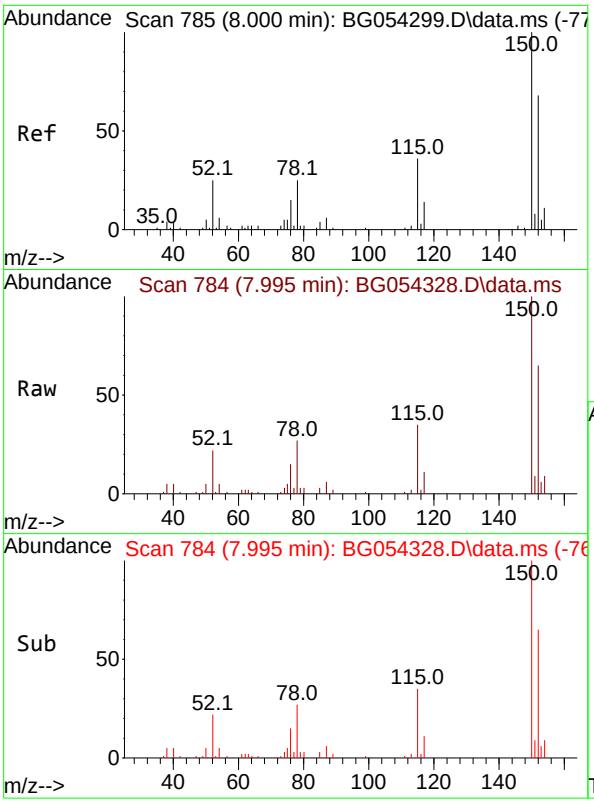
Instrument :
BNA_G
ClientSampleId :
MW-2V

Quant Time: Jul 21 01:24:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration



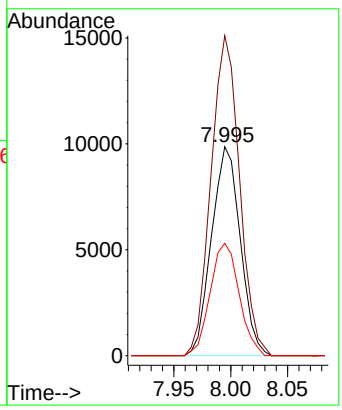


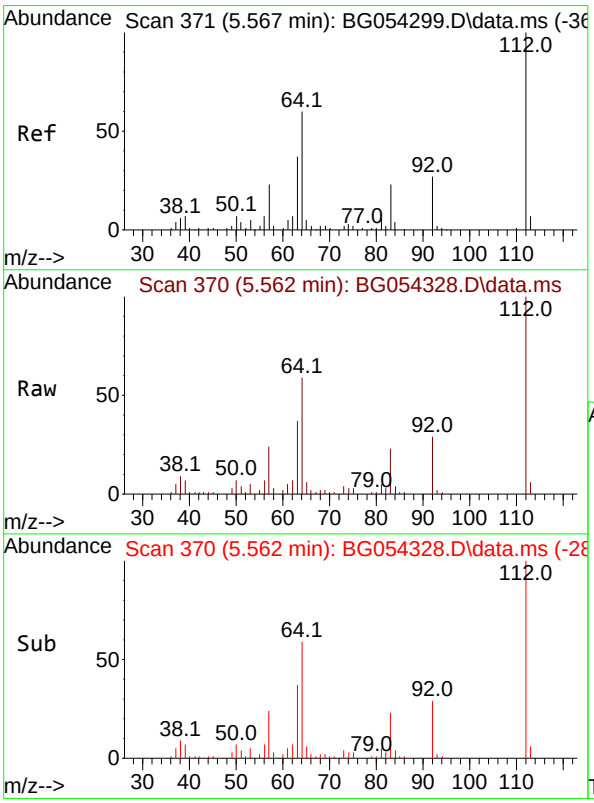
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.995 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:152 Resp: 17332

Ion	Ratio	Lower	Upper
152	100		
150	153.2	131.6	197.4
115	53.7	50.9	76.3

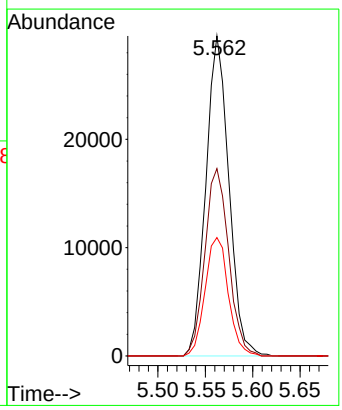


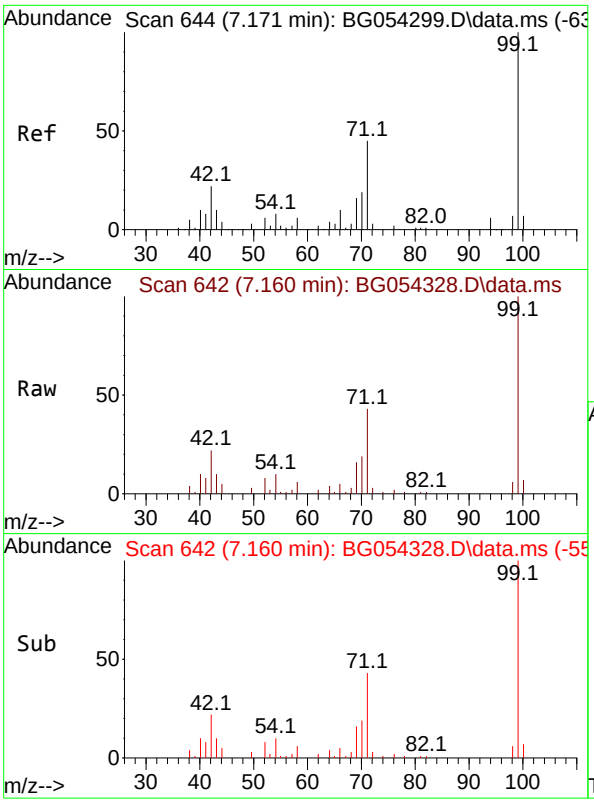


#5
2-Fluorophenol
Concen: 59.991 ng
RT: 5.562 min Scan# 370
Delta R.T. -0.005 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion:112 Resp: 49800

Ion	Ratio	Lower	Upper
112	100		
64	58.6	55.1	82.7
63	37.0	30.4	45.6



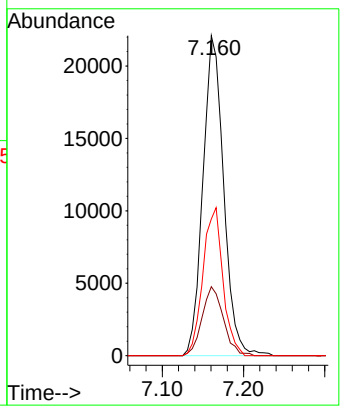


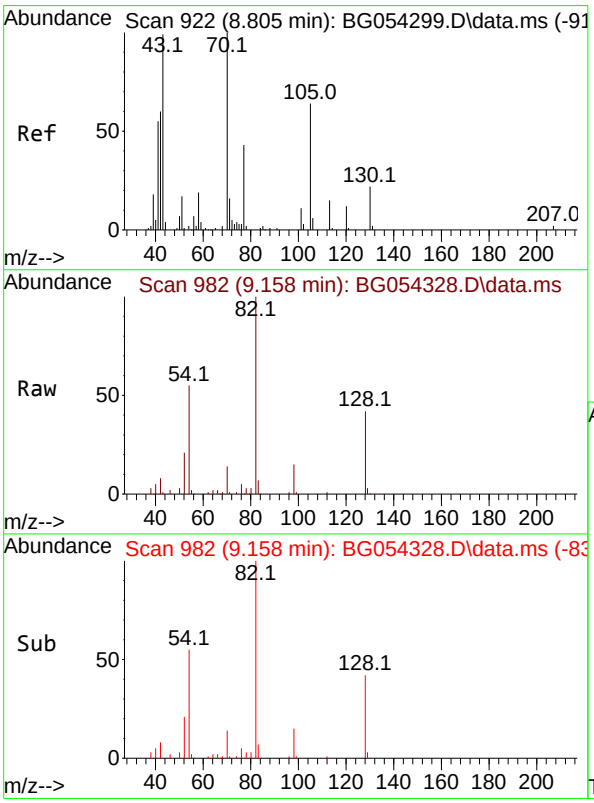
#7
Phenol-d6
Concen: 34.473 ng
RT: 7.160 min Scan# 64
Delta R.T. -0.011 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion: 99 Resp: 39212

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	42.7	33.8	50.8

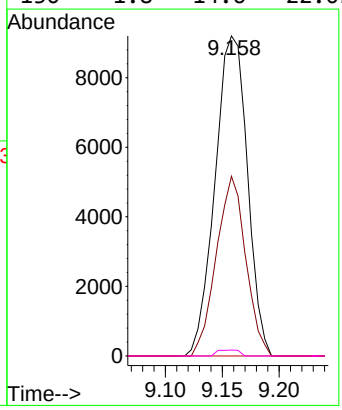


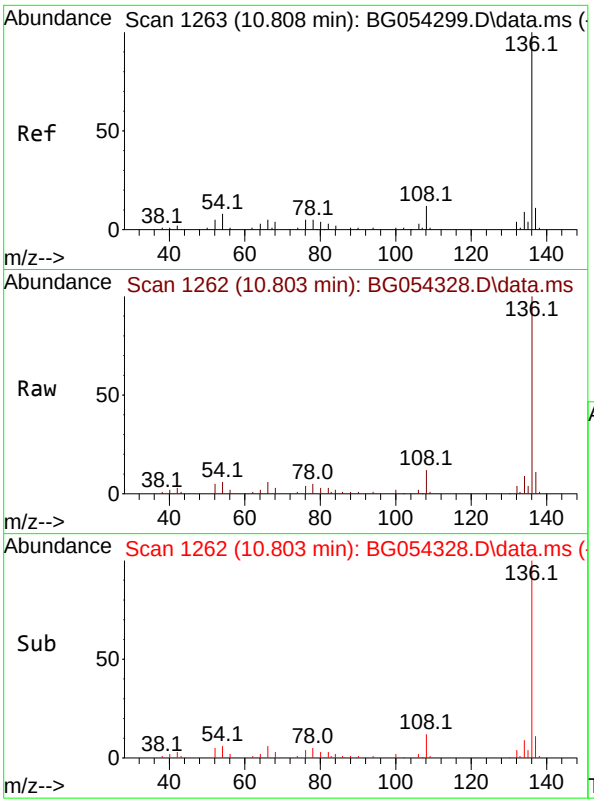


#19
n-Nitroso-di-n-propylamine
Concen: 23.969 ng
RT: 9.158 min Scan# 982
Delta R.T. 0.353 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion: 70 Resp: 18206

Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.3	70.9
101	0.0	7.0	10.4#
130	1.8	14.6	22.0#



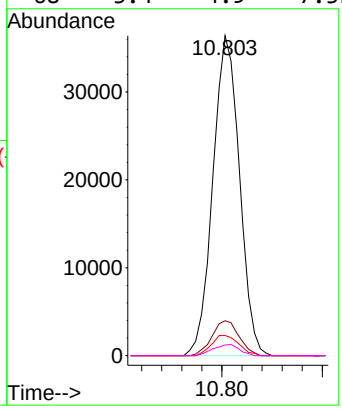


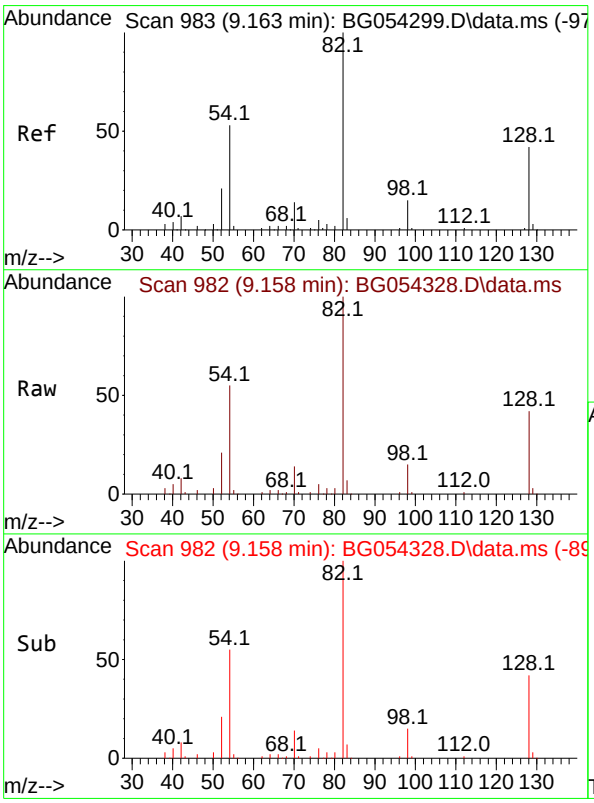
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:136 Resp: 66942

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.3	7.4	11.2#
68	3.4	4.9	7.3#

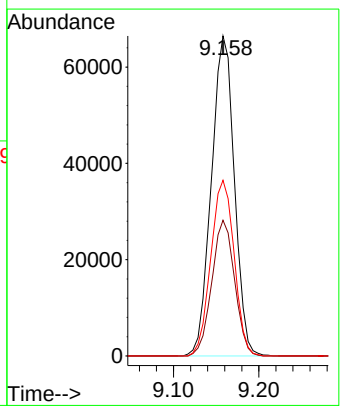


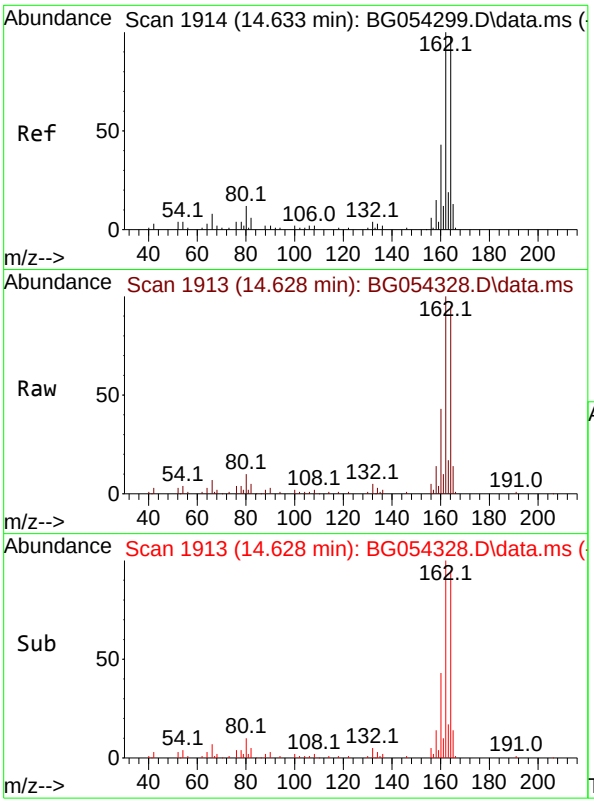


#23
Nitrobenzene-d5
Concen: 101.156 ng
RT: 9.158 min Scan# 982
Delta R.T. -0.005 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion: 82 Resp: 124347

Ion	Ratio	Lower	Upper
82	100		
128	42.4	27.9	41.9#
54	54.9	41.2	61.8



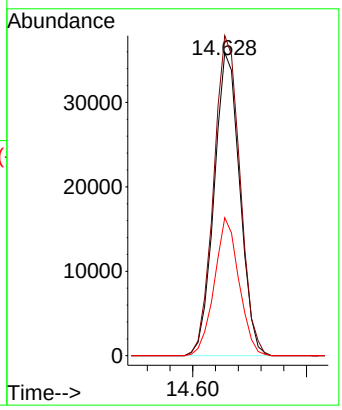


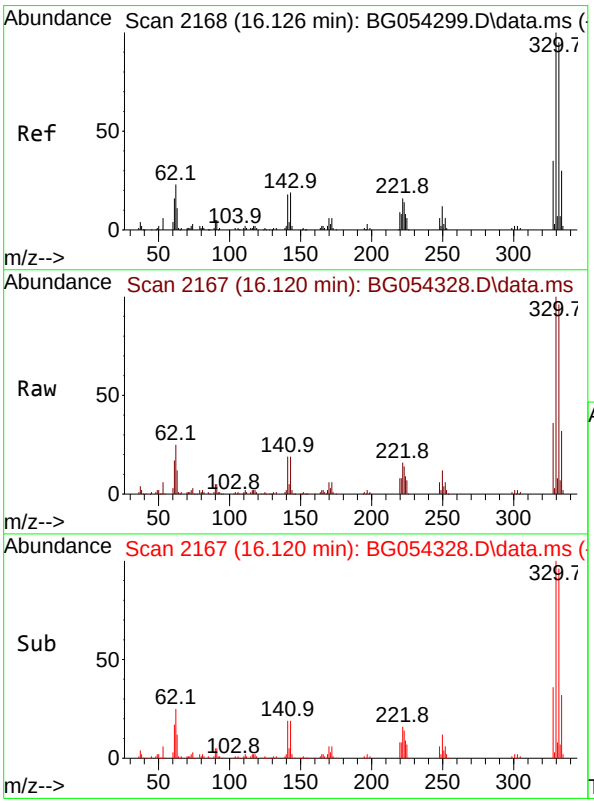
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.628 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:164 Resp: 56212

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.3	123.5
160	45.5	34.2	51.2

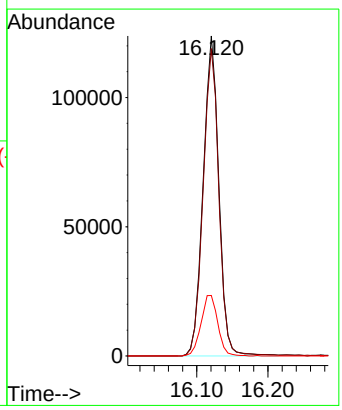


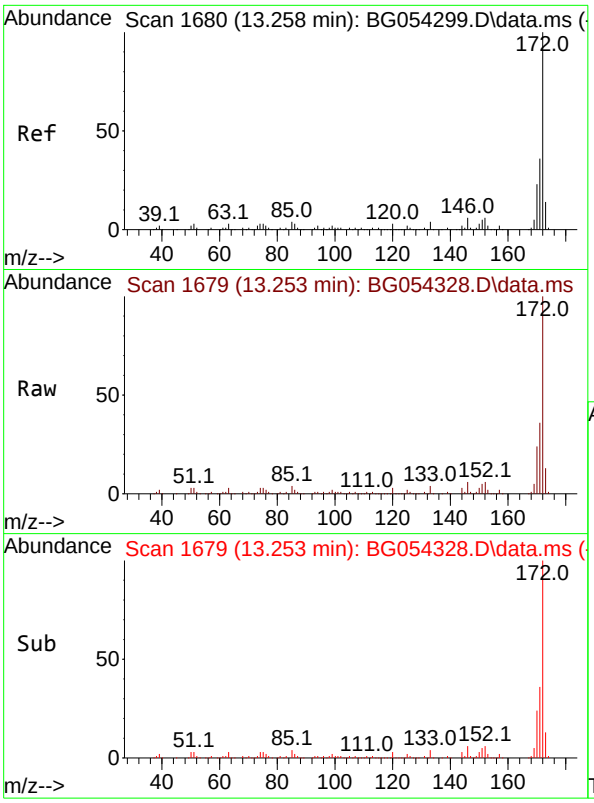


#42
2,4,6-Tribromophenol
Concen: 161.297 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion:330 Resp: 190370

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	20.2	27.1	40.7#



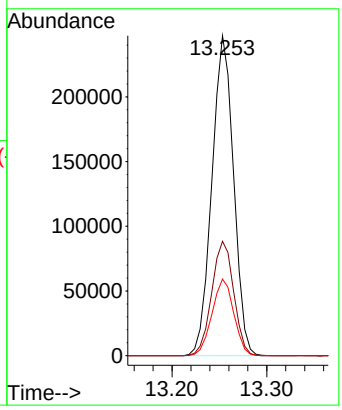


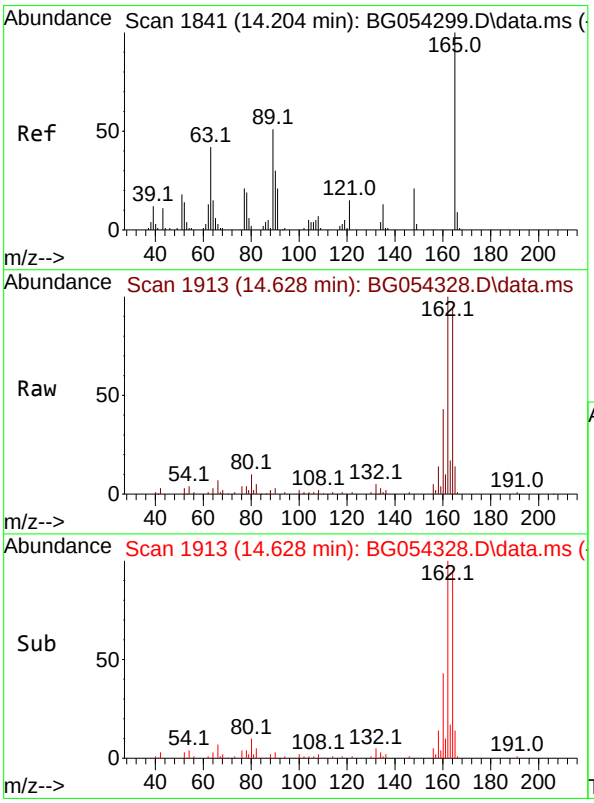
#45
2-Fluorobiphenyl
Concen: 98.577 ng
RT: 13.253 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:172 Resp: 392801

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.0	18.9	28.3

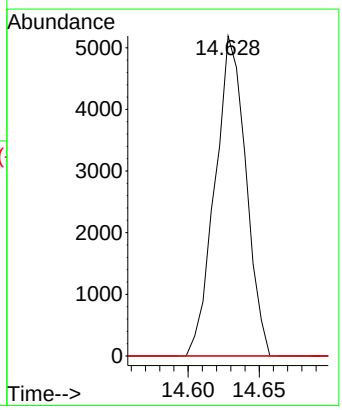


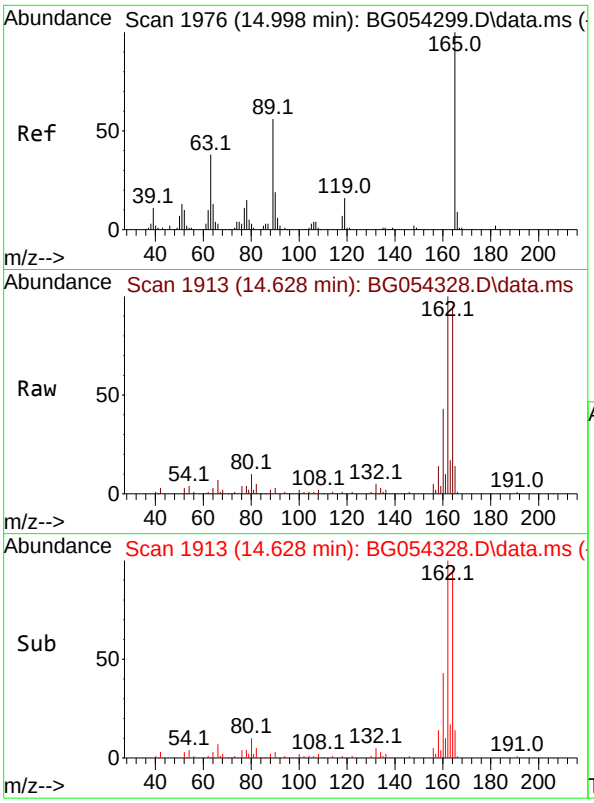


#51
2,6-Dinitrotoluene
Concen: 8.129 ng
RT: 14.628 min Scan# 1913
Delta R.T. 0.424 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion:165 Resp: 7829

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



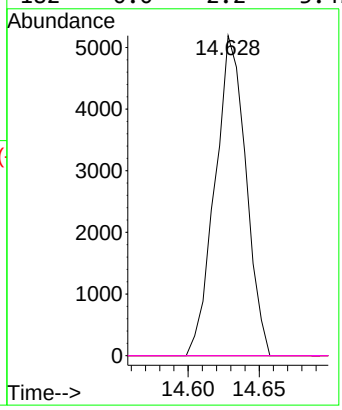


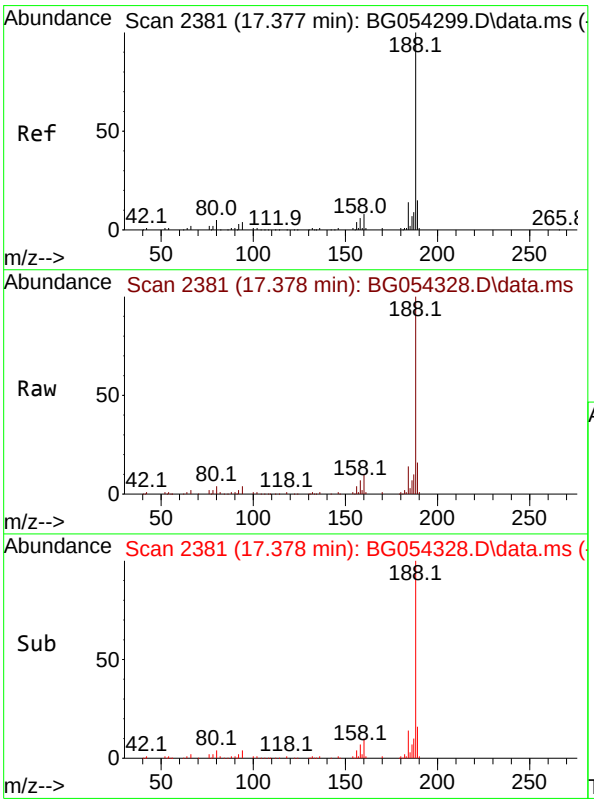
#57
2,4-Dinitrotoluene
Concen: 5.671 ng
RT: 14.628 min Scan# 1
Delta R.T. -0.369 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:165 Resp: 7829

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#

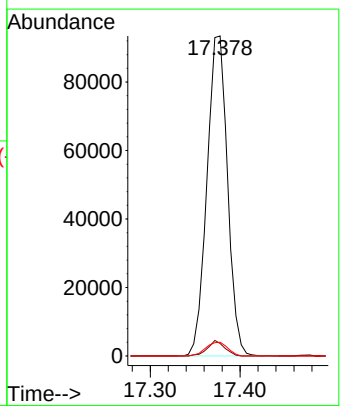


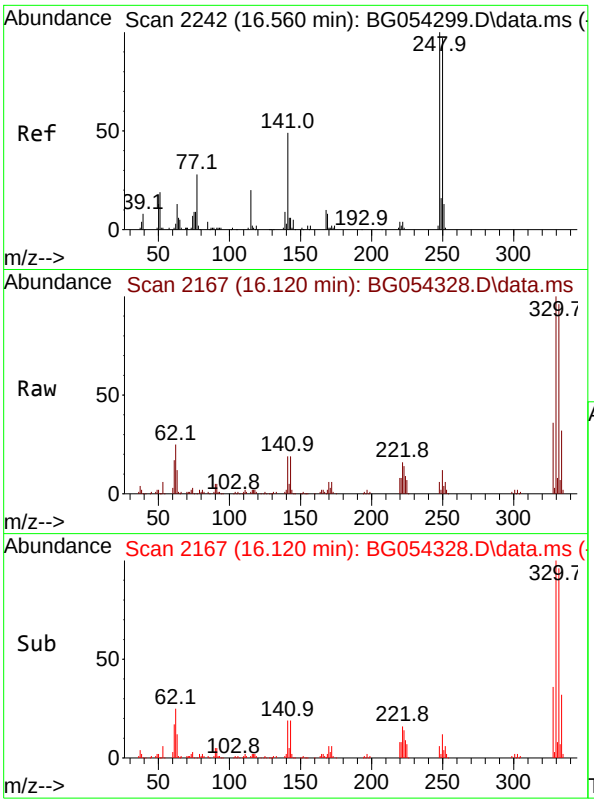


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.378 min Scan# 2381
Delta R.T. 0.001 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion:188 Resp: 148630

Ion	Ratio	Lower	Upper
188	100		
94	3.9	5.4	8.0#
80	4.3	6.8	10.2#



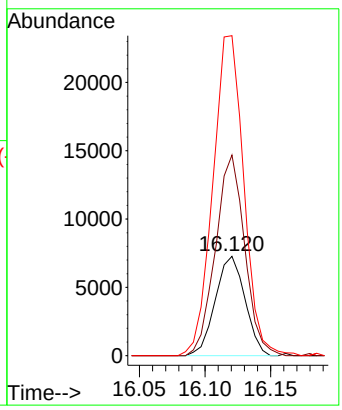


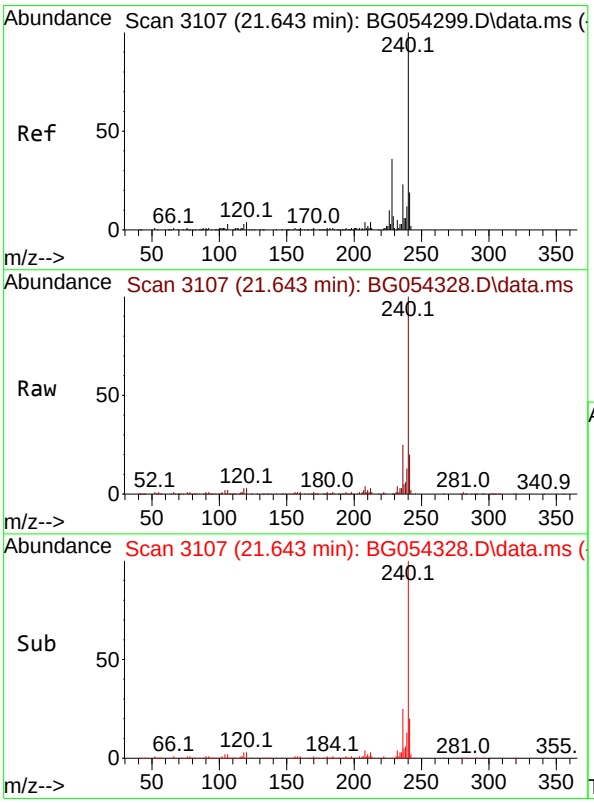
#67
4-Bromophenyl-phenylether
Concen: 5.490 ng
RT: 16.120 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:248 Resp: 11460

Ion	Ratio	Lower	Upper
248	100		
250	201.8	75.2	112.8#
141	321.8	50.0	75.0#

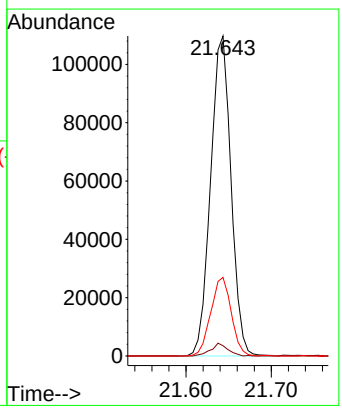


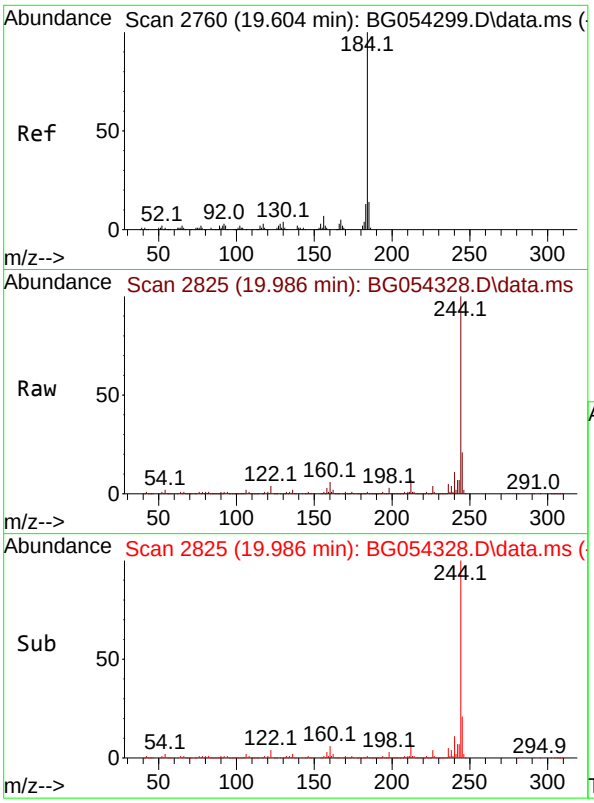


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion:240 Resp: 182570

Ion	Ratio	Lower	Upper
240	100		
120	3.2	4.6	7.0#
236	24.6	20.2	30.4



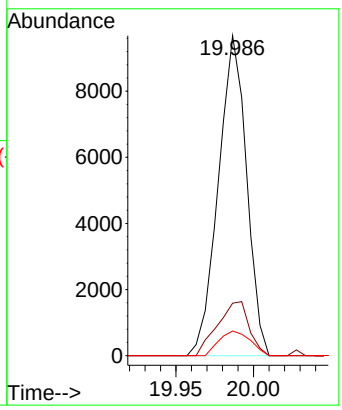


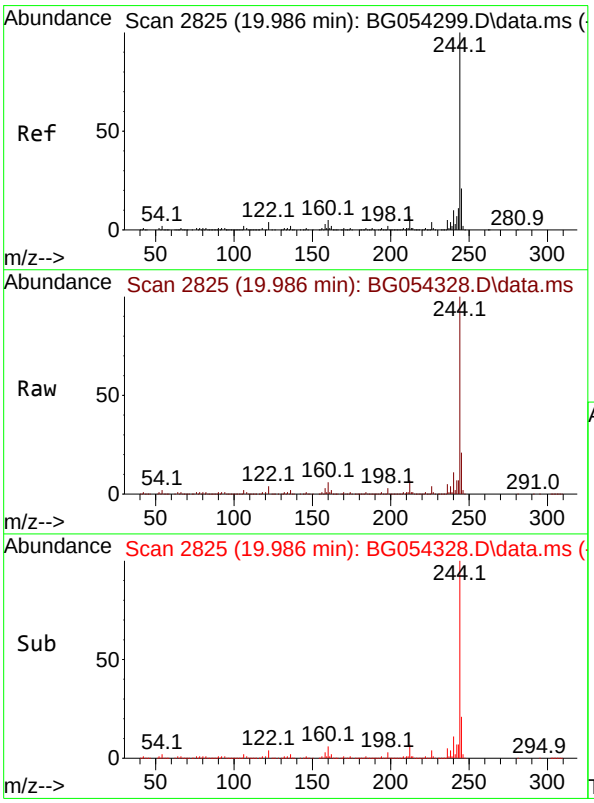
#77
Benzidine
Concen: 3.700 ng
RT: 19.986 min Scan# 2
Delta R.T. 0.383 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:184 Resp: 12234

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.8	17.6
183	7.7	8.9	13.3#

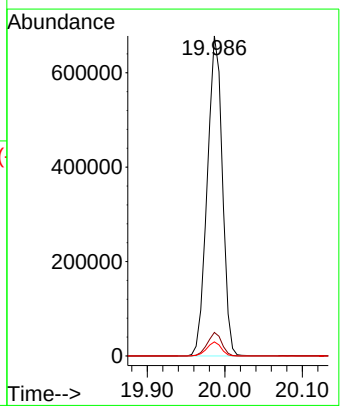


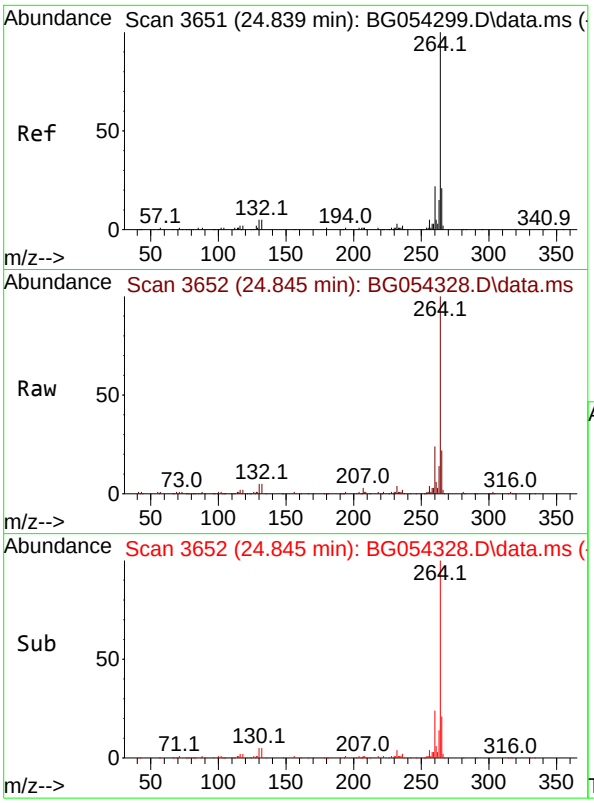


#79
Terphenyl-d14
Concen: 99.762 ng
RT: 19.986 min Scan# 2825
Delta R.T. 0.001 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Tgt Ion:244 Resp: 918115

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	4.4	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG054328.D
Acq: 20 Jul 2022 15:16

Instrument :
BNA_G
ClientSampleId :
MW-2V

Tgt Ion:264 Resp: 192276

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.7	17.4	26.2