Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054344.D
Acq On : 21 Jul 2022 14:11
Operator : CG/JU
Sample : N3771-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-11F

Quant Time: Jul 22 02:36:42 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	7.994	152	18432	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	69487	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	56342	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	152283	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	175032	20.000	ng	# 0.00
86) Perylene-d12	24.851	264	184012	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	57448	65.074	ng	0.00
7) Phenol-d6	7.177	99	45372	37.508	ng	0.00
23) Nitrobenzene-d5	9.163	82	124993	97.957	ng	0.00
42) 2,4,6-Tribromophenol	16.125	330	185936	157.177	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	365229	91.446	ng	0.00
79) Terphenyl-d14	19.991	244	861612	97.655	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.163	70	17854	22.102	ng	# 83
51) 2,6-Dinitrotoluene	14.633	165	7739	8.017	ng	# 16
57) 2,4-Dinitrotoluene	14.633	165	7739	5.593	ng	# 21
67) 4-Bromophenyl-phenylether	16.125	248	11664	5.454	ng	# 1
77) Benzidine	19.986	184	11402	3.597	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054344.D
Acq On : 21 Jul 2022 14:11
Operator : CG/JU
Sample : N3771-05
Misc :
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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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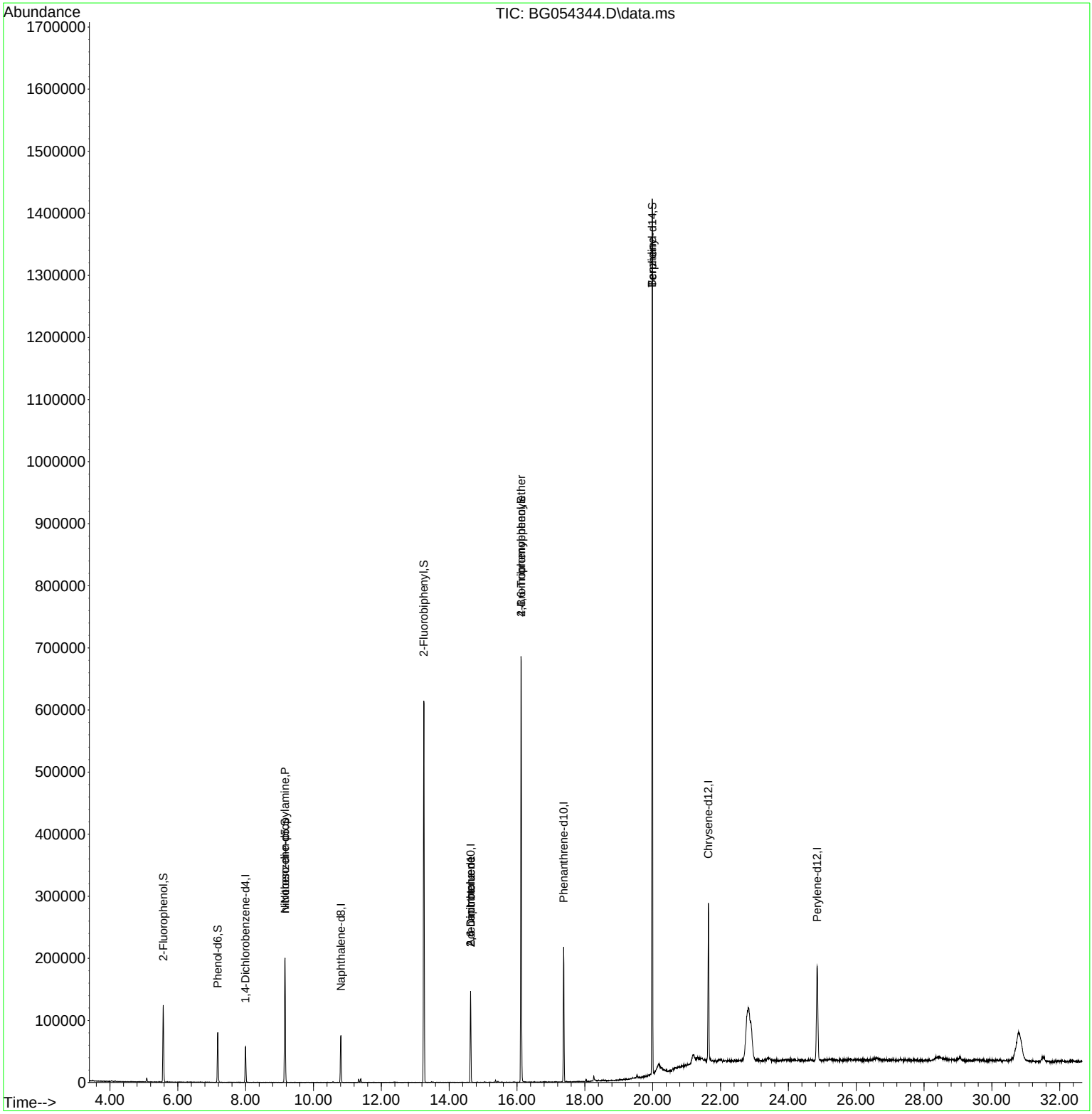
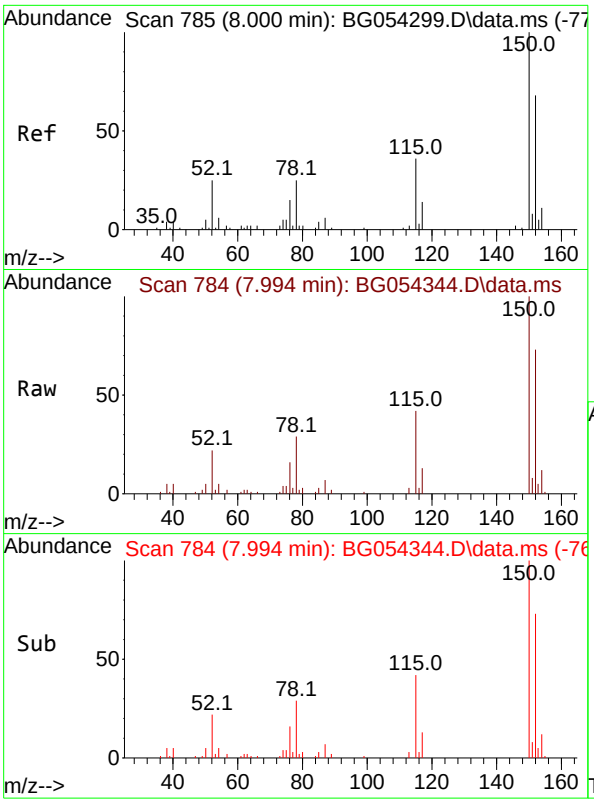


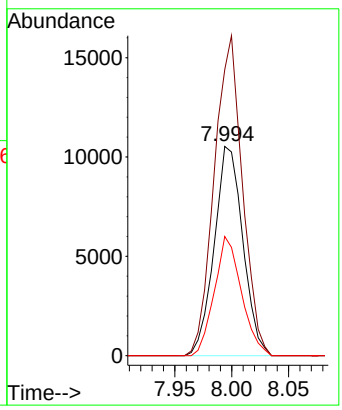


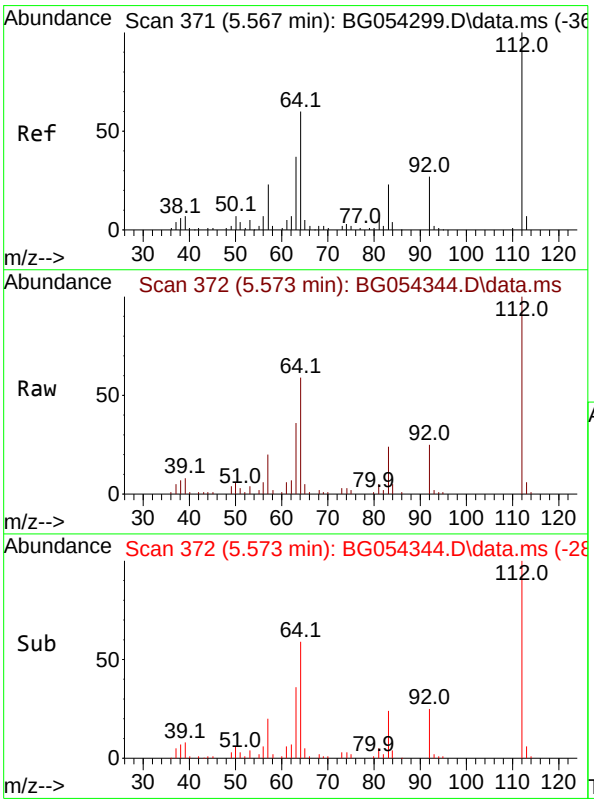
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:152 Resp: 18432

Ion	Ratio	Lower	Upper
152	100		
150	136.7	131.6	197.4
115	56.9	50.9	76.3

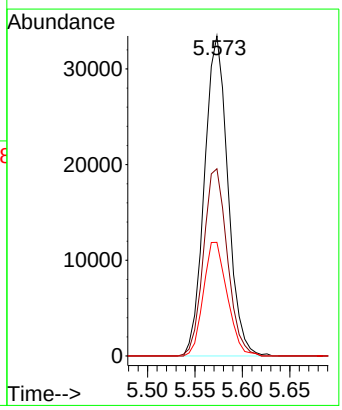


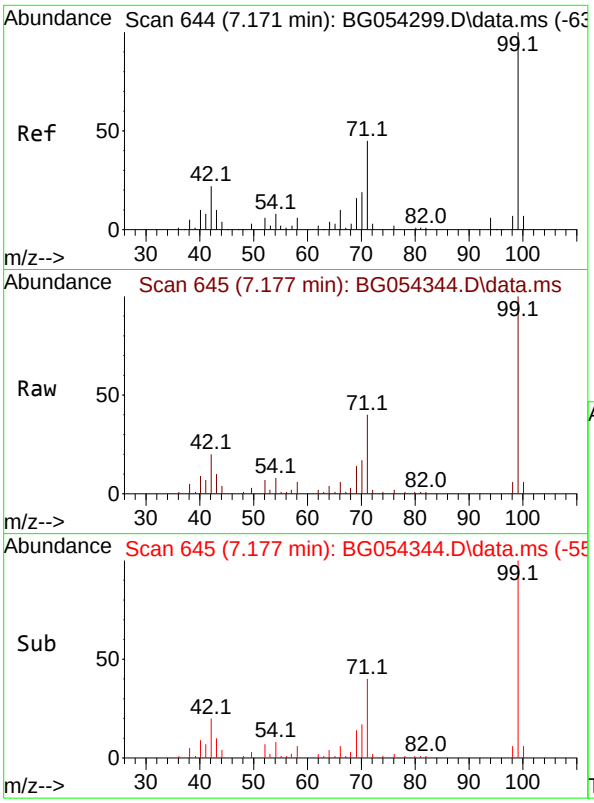


#5
2-Fluorophenol
Concen: 65.074 ng
RT: 5.573 min Scan# 372
Delta R.T. 0.006 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion:112 Resp: 57448

Ion	Ratio	Lower	Upper
112	100		
64	58.5	55.1	82.7
63	35.5	30.4	45.6



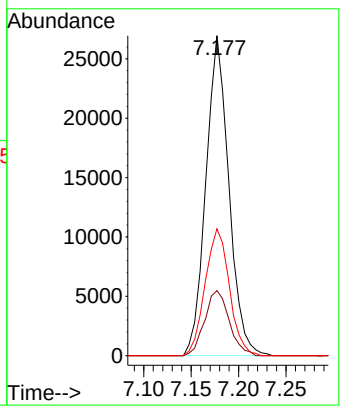


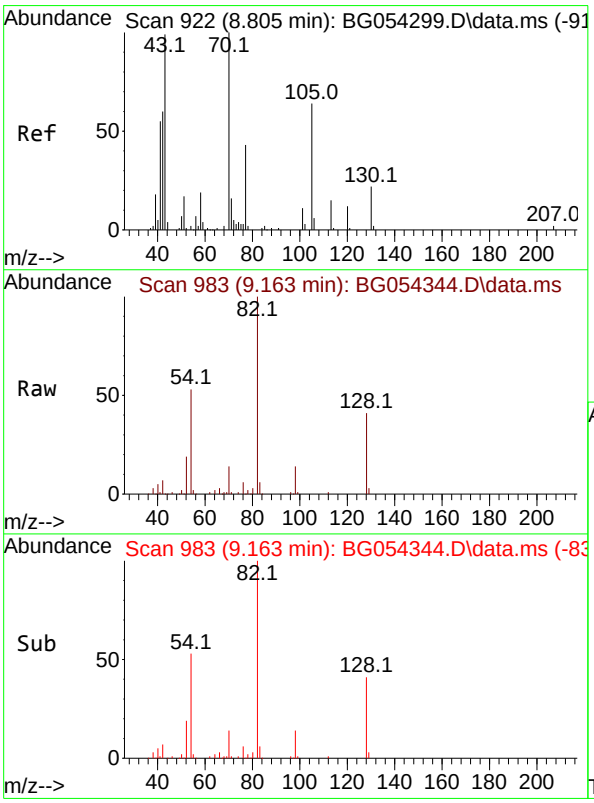
#7
Phenol-d6
Concen: 37.508 ng
RT: 7.177 min Scan# 64
Delta R.T. 0.006 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion: 99 Resp: 45372

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.6
71	39.6	33.8	50.8

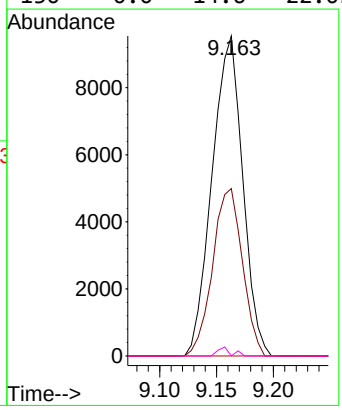


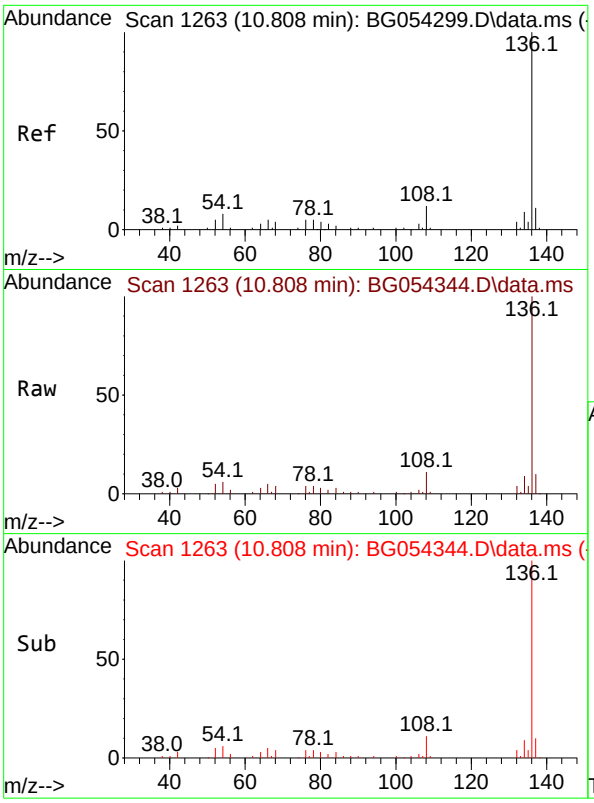


#19
n-Nitroso-di-n-propylamine
Concen: 22.102 ng
RT: 9.163 min Scan# 983
Delta R.T. 0.358 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion: 70 Resp: 17854

Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



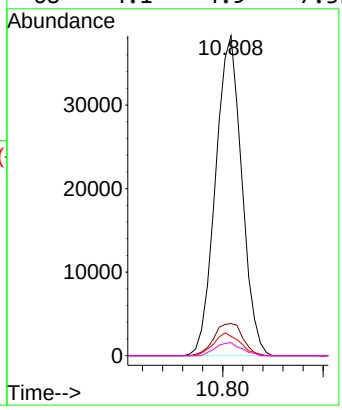


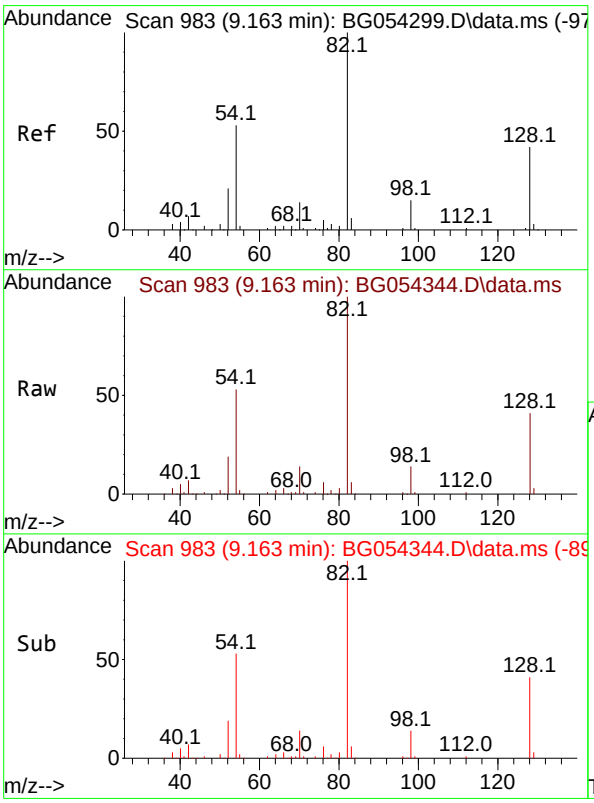
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:136 Resp: 69487

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.5	12.7
54	6.1	7.4	11.2#
68	4.1	4.9	7.3#

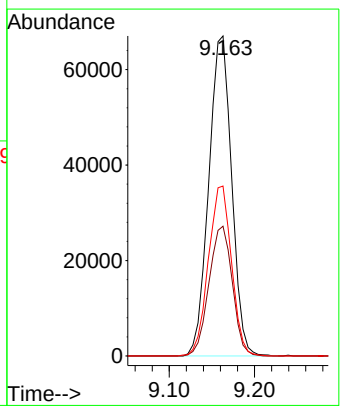


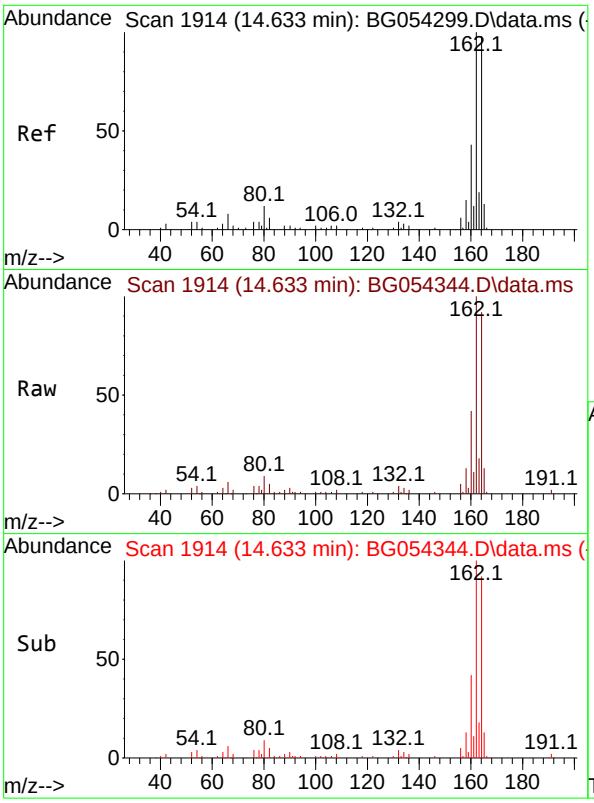


#23
Nitrobenzene-d5
Concen: 97.957 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.000 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion: 82 Resp: 124993

Ion	Ratio	Lower	Upper
82	100		
128	40.5	27.9	41.9
54	53.1	41.2	61.8



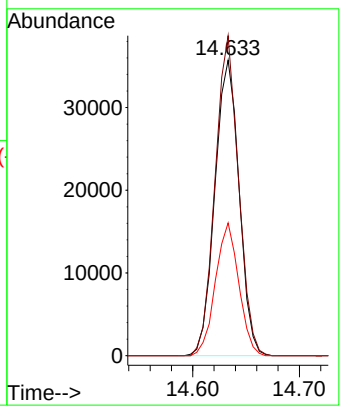


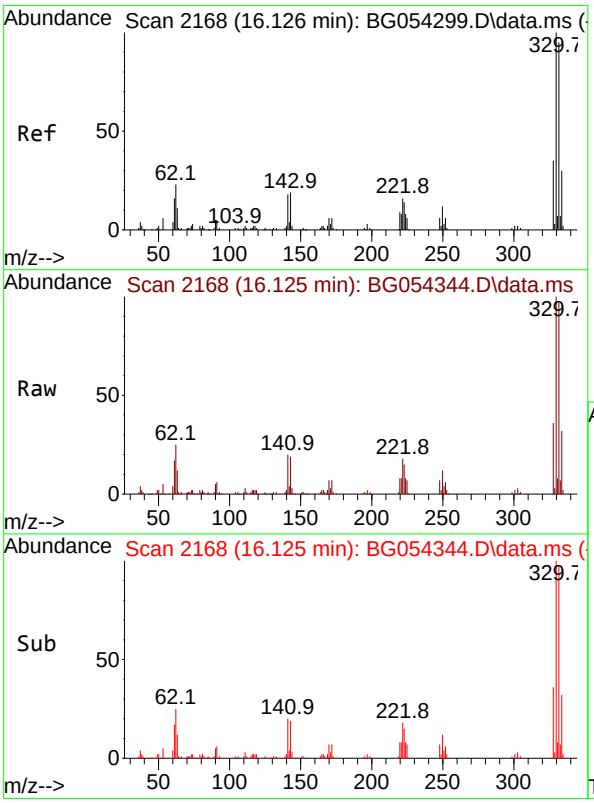
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:164 Resp: 56342

Ion	Ratio	Lower	Upper
164	100		
162	108.3	82.3	123.5
160	44.9	34.2	51.2

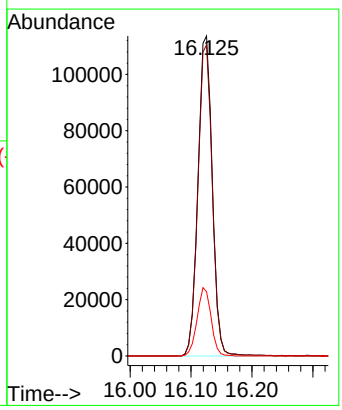


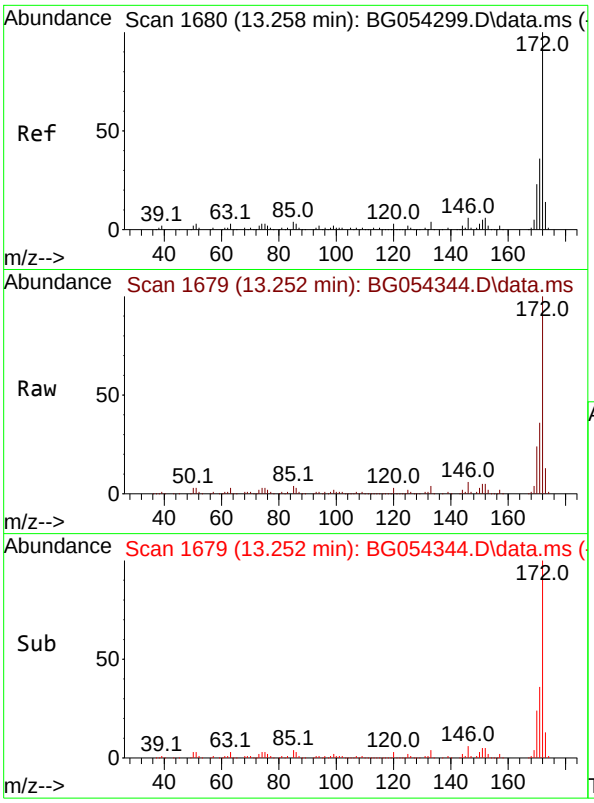


#42
2,4,6-Tribromophenol
Concen: 157.177 ng
RT: 16.125 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion:330 Resp: 185936

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	20.8	27.1	40.7#



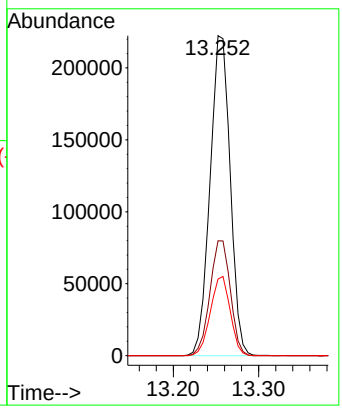


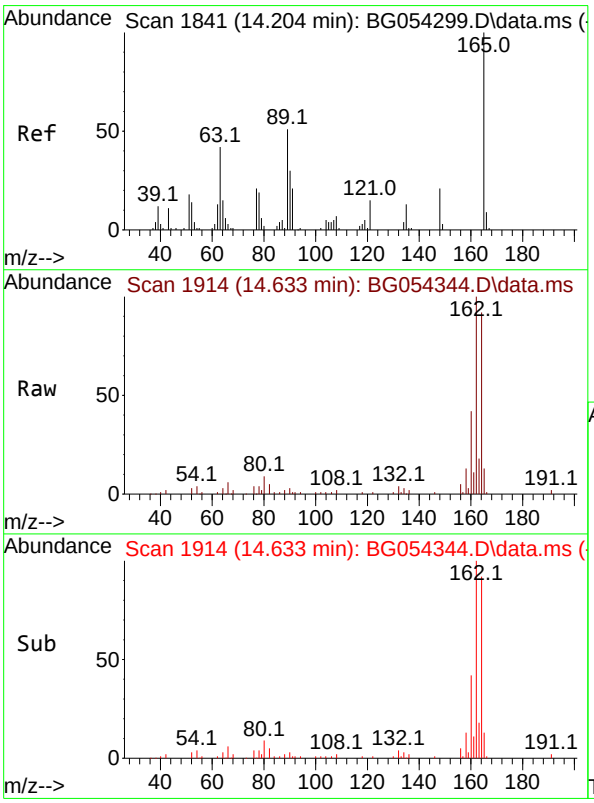
#45
2-Fluorobiphenyl
Concen: 91.446 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:172 Resp: 365229

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.9	18.9	28.3

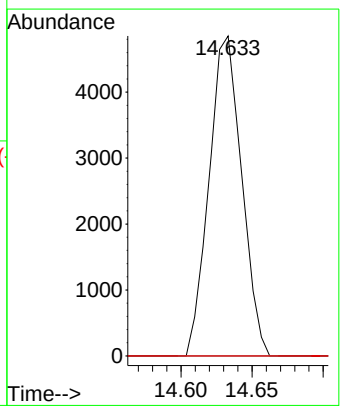


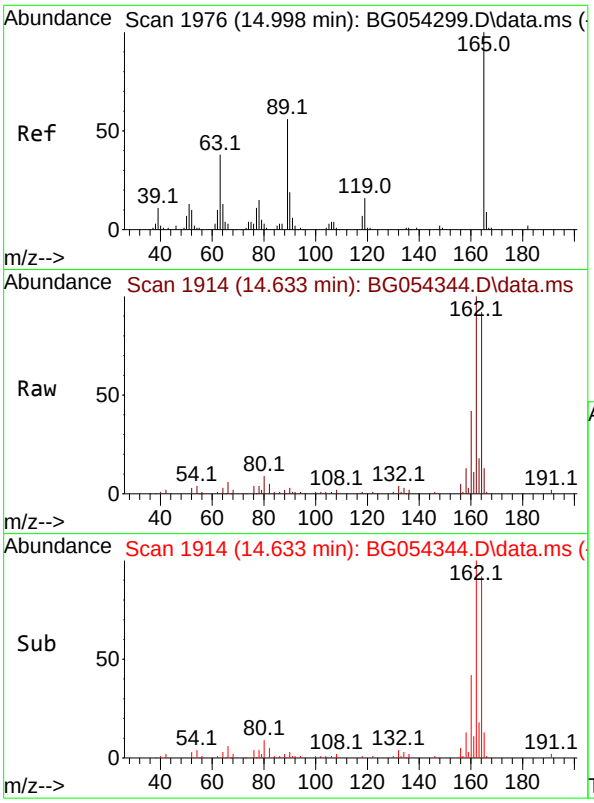


#51
2,6-Dinitrotoluene
Concen: 8.017 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion:165 Resp: 7739

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



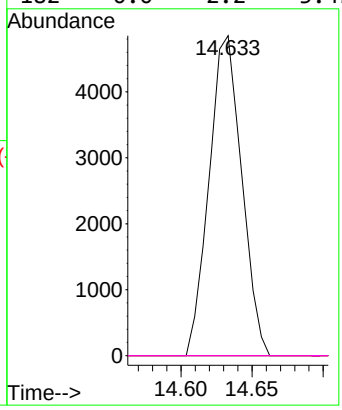


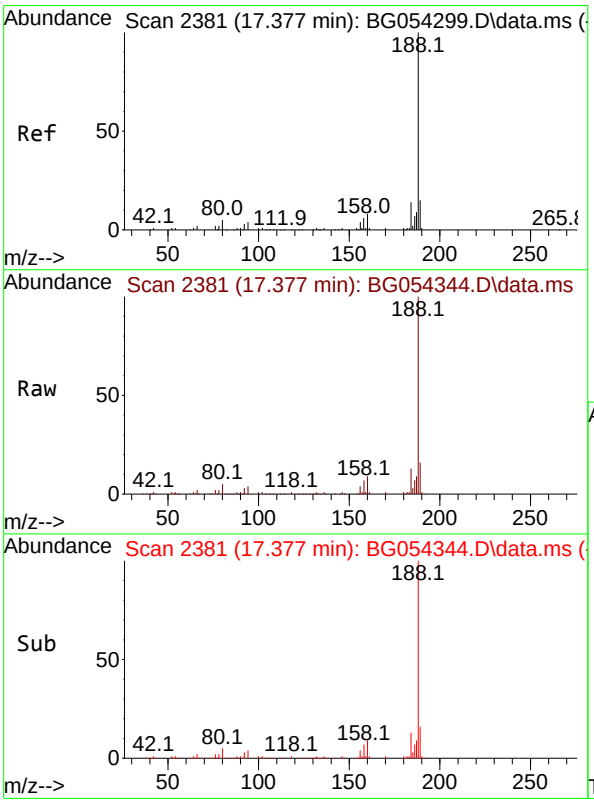
#57
2,4-Dinitrotoluene
Concen: 5.593 ng
RT: 14.633 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:165 Resp: 7739

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#

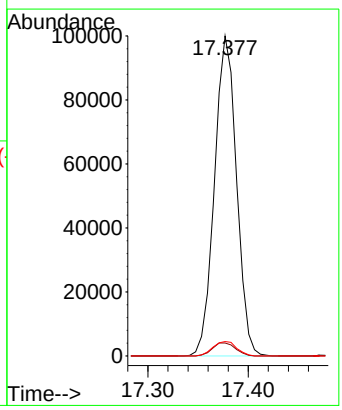


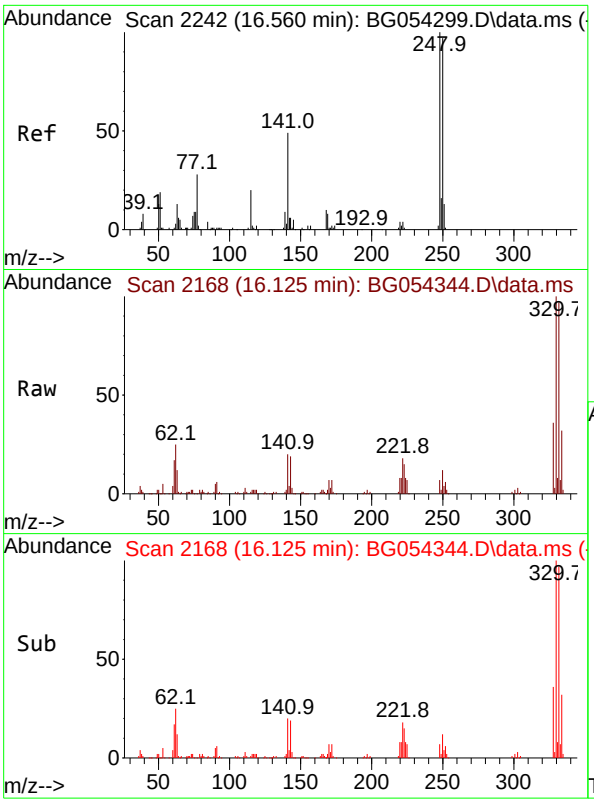


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion:188 Resp: 152283

Ion	Ratio	Lower	Upper
188	100		
94	4.1	5.4	8.0#
80	4.5	6.8	10.2#



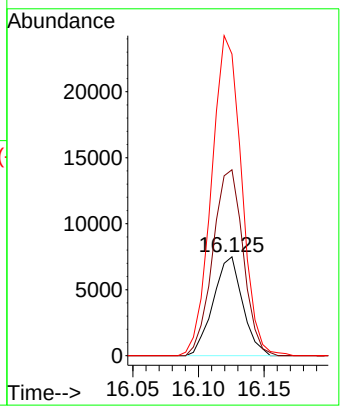


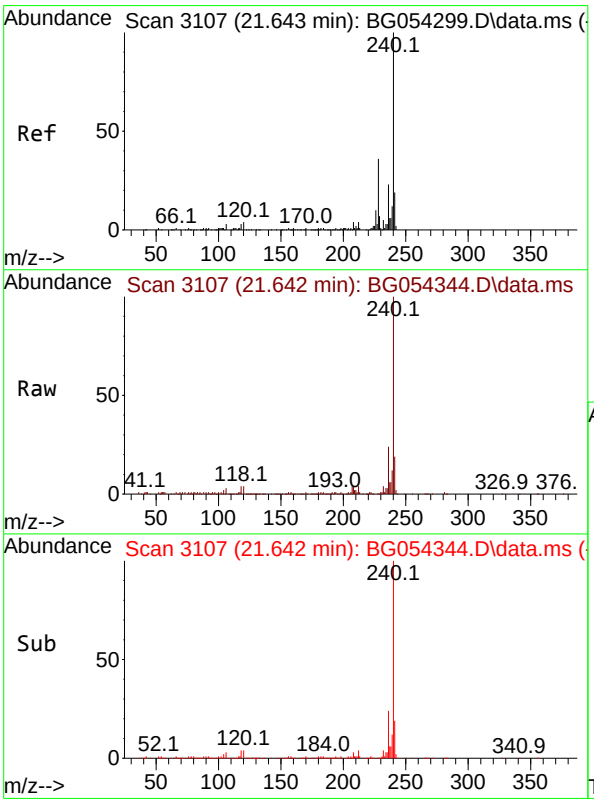
#67
4-Bromophenyl-phenylether
Concen: 5.454 ng
RT: 16.125 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:248 Resp: 11664

Ion	Ratio	Lower	Upper
248	100		
250	188.1	75.2	112.8#
141	305.2	50.0	75.0#

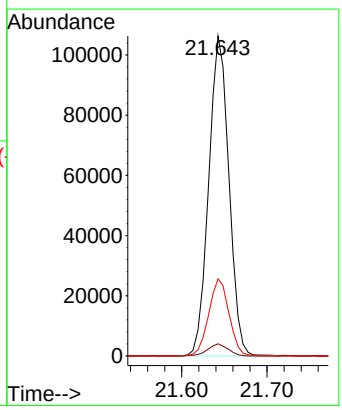


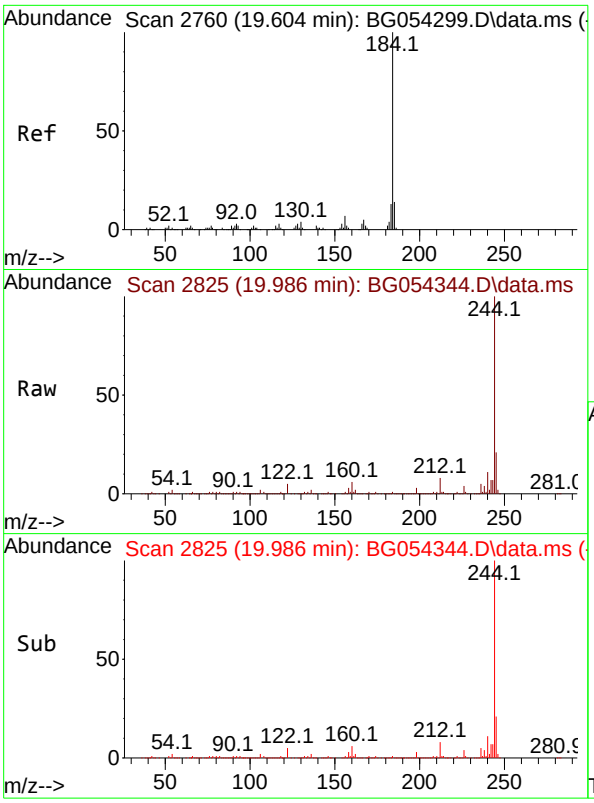


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion:240 Resp: 175032

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.6	7.0#
236	24.1	20.2	30.4



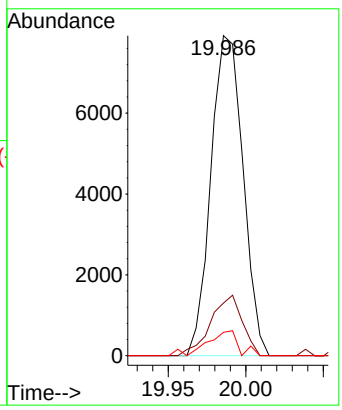


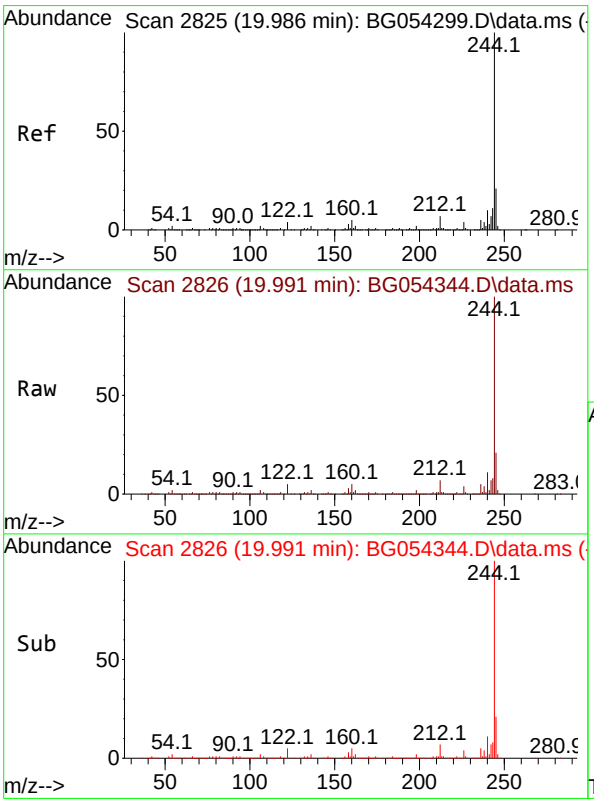
#77
Benzidine
Concen: 3.597 ng
RT: 19.986 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:184 Resp: 11402

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.8	17.6
183	7.3	8.9	13.3#

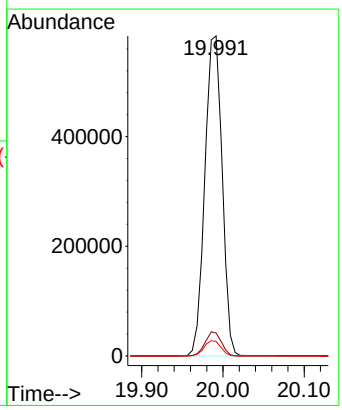


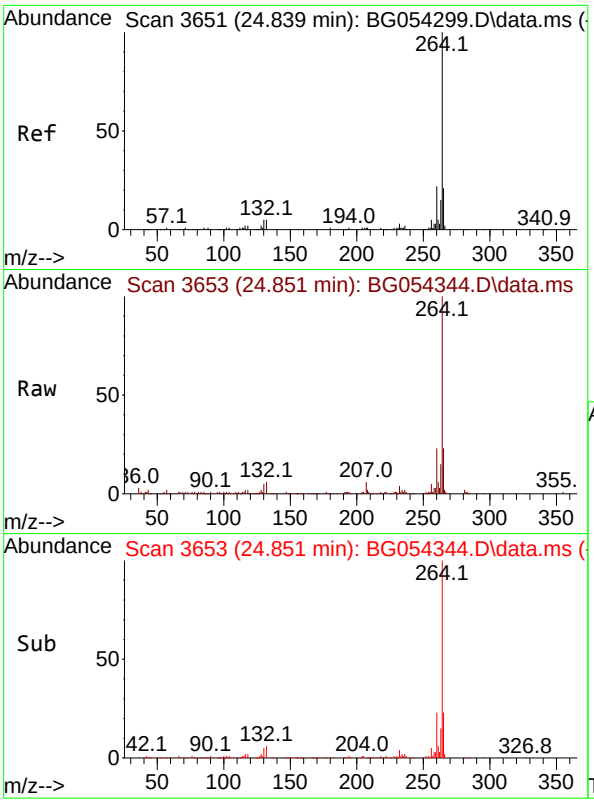


#79
Terphenyl-d14
Concen: 97.655 ng
RT: 19.991 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Tgt Ion:244 Resp: 861612

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.6	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG054344.D
Acq: 21 Jul 2022 14:11

Instrument :
BNA_G
ClientSampleId :
MW-11F

Tgt Ion:264 Resp: 184012

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	22.6	17.4	26.2