Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054414.D
Acq On : 27 Jul 2022 13:31
Operator : CG/JU
Sample : N3861-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Time: Jul 28 04:33:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	14348	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	55365	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	47285	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	134525	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	148541	20.000	ng	# 0.00
86) Perylene-d12	24.826	264	157655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	37878	55.119	ng	0.00
7) Phenol-d6	7.170	99	30566	32.460	ng	0.00
23) Nitrobenzene-d5	9.151	82	94155	92.611	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	153684	154.797	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	299636	89.393	ng	0.00
79) Terphenyl-d14	19.979	244	737300	98.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	1894	6.928	ng	# 1
19) n-Nitroso-di-n-propyla...	9.151	70	13897	22.101	ng	# 79
51) 2,6-Dinitrotoluene	14.621	165	6113	7.546	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	6113	5.264	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	9127	4.831	ng	# 1
77) Benzidine	19.973	184	10055	3.738	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
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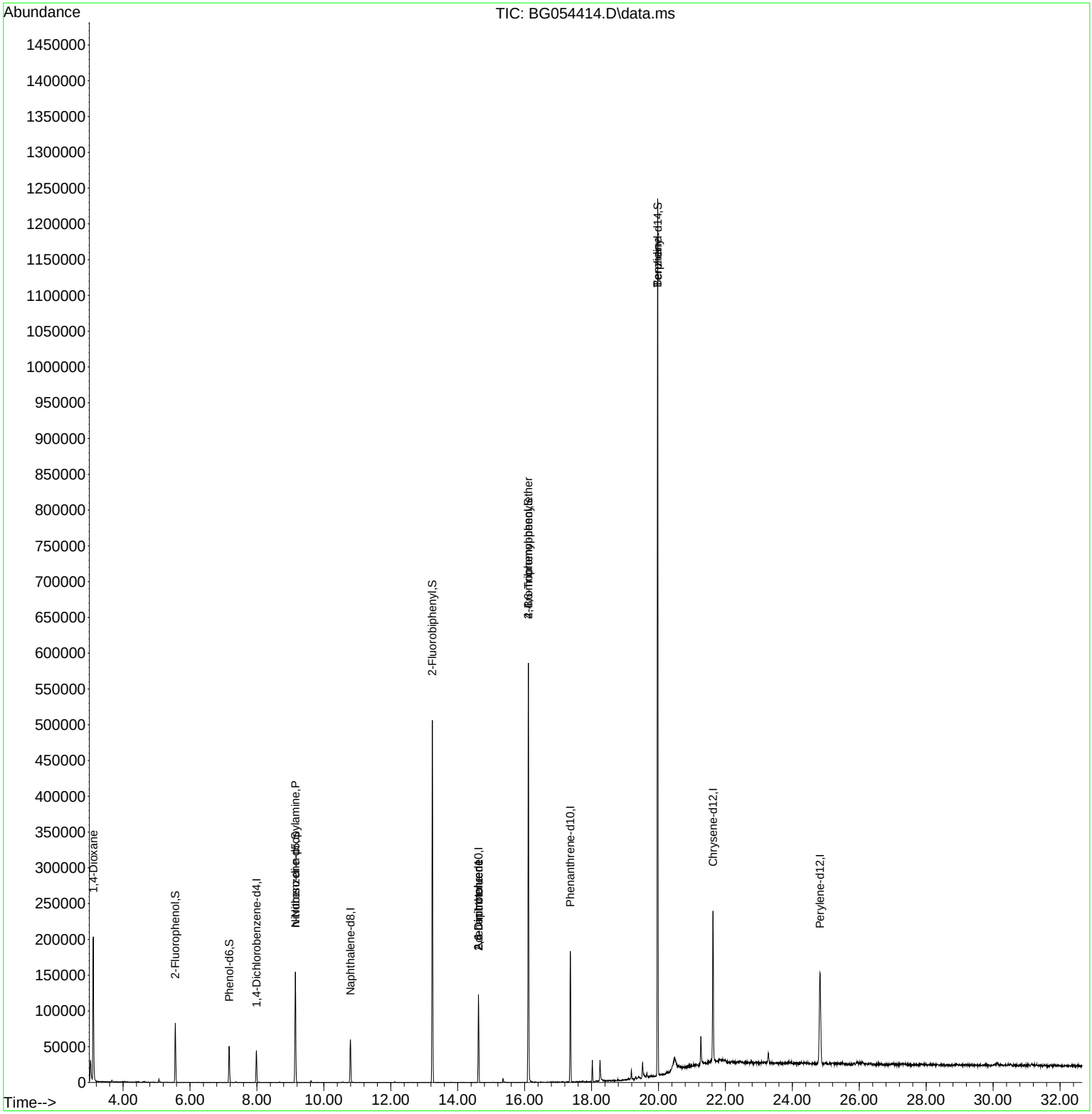
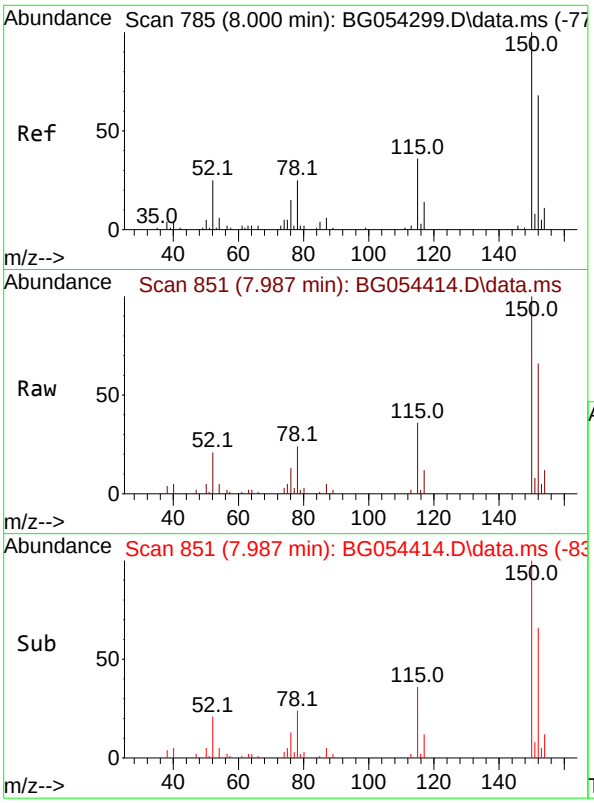


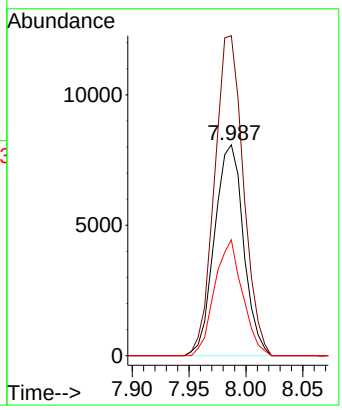


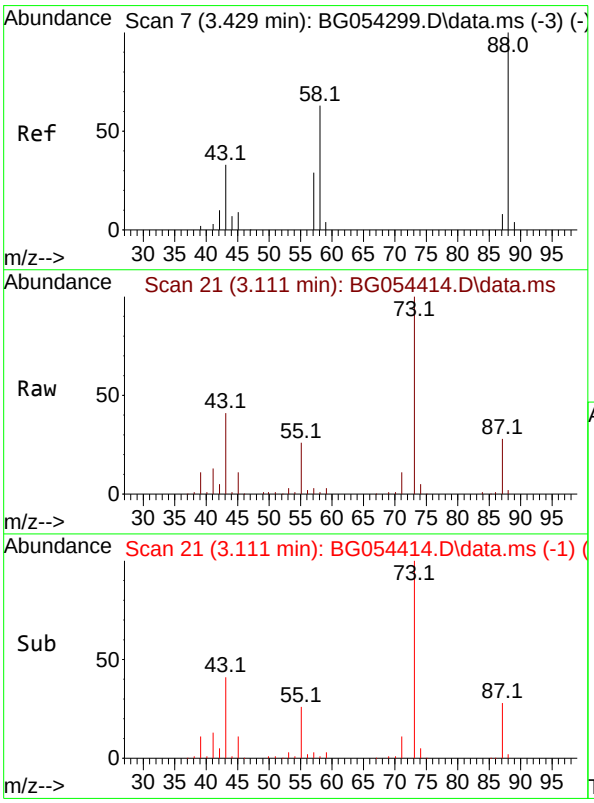
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 14348

Ion	Ratio	Lower	Upper
152	100		
150	151.7	131.6	197.4
115	54.9	50.9	76.3

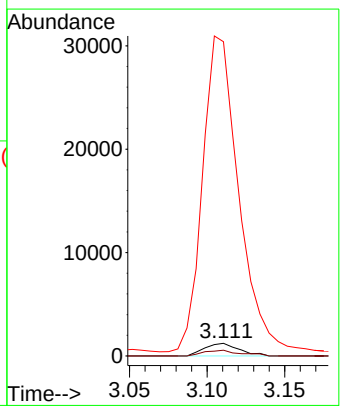


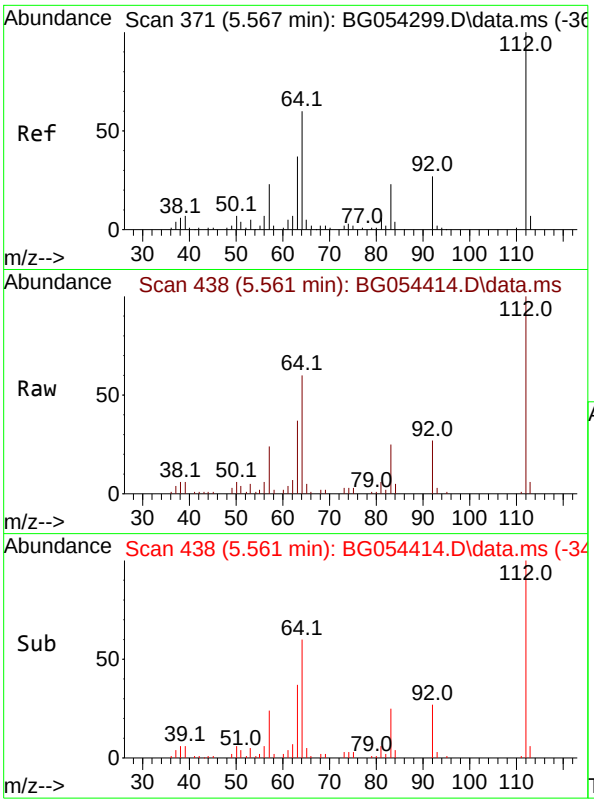


#2
1,4-Dioxane
Concen: 6.928 ng
RT: 3.111 min Scan# 21
Delta R.T. -0.307 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 88 Resp: 1894

Ion	Ratio	Lower	Upper
88	100		
58	47.0	59.2	88.8#
43	2666.3	24.3	36.5#



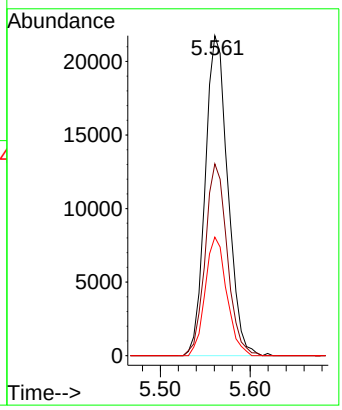


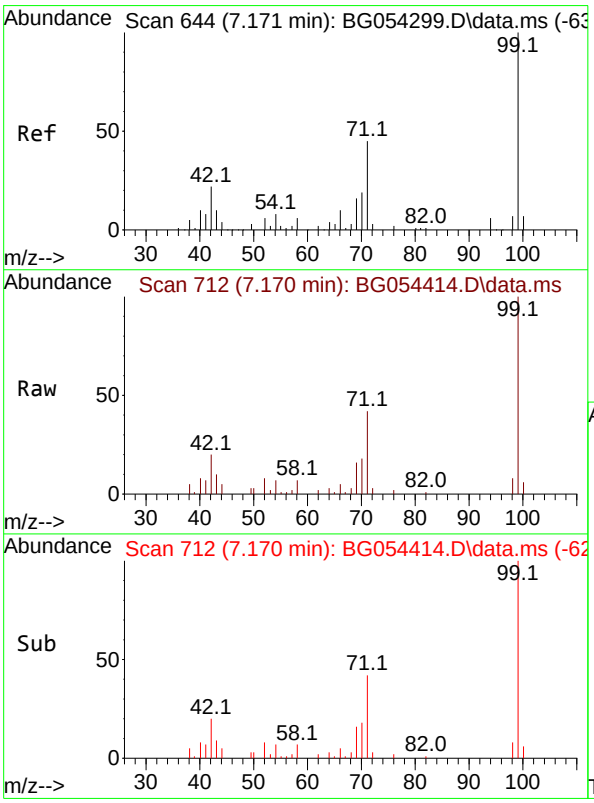
#5
2-Fluorophenol
Concen: 55.119 ng
RT: 5.561 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:112 Resp: 37878

Ion	Ratio	Lower	Upper
112	100		
64	60.0	55.1	82.7
63	37.0	30.4	45.6

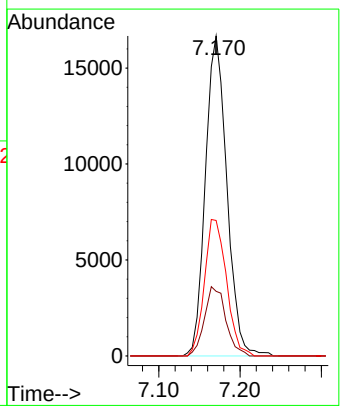


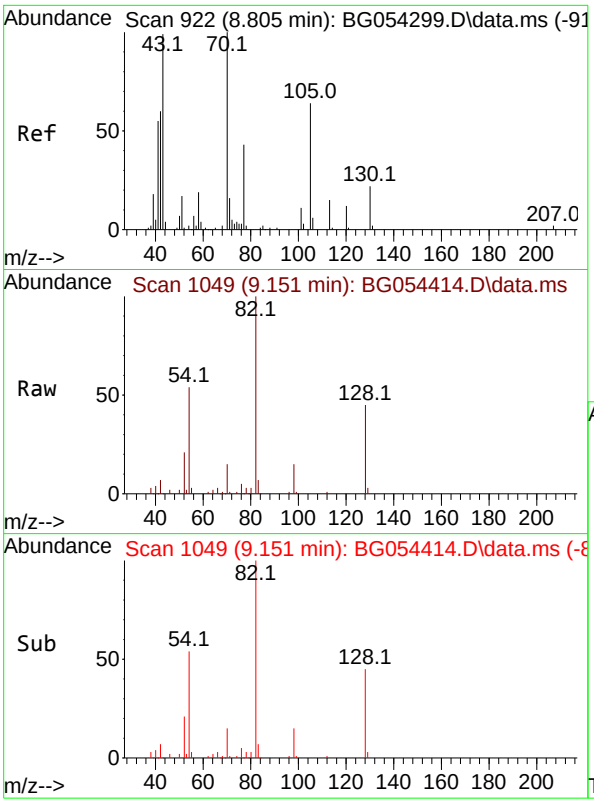


#7
Phenol-d6
Concen: 32.460 ng
RT: 7.170 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 99 Resp: 30566

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.6
71	42.3	33.8	50.8



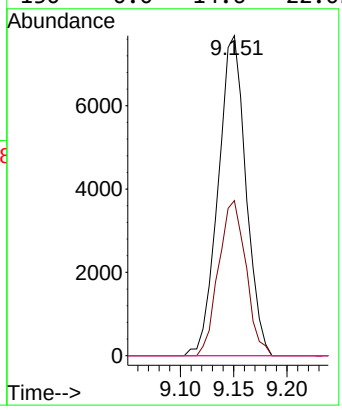


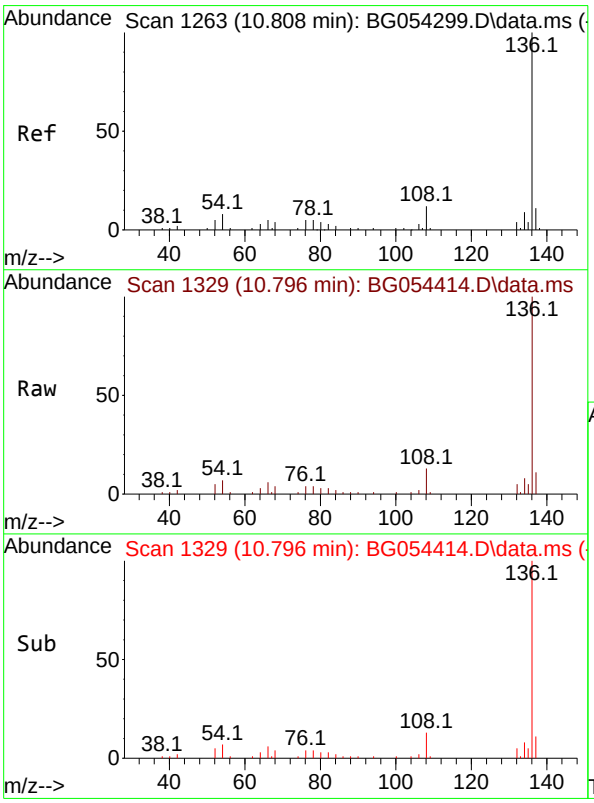
#19
n-Nitroso-di-n-propylamine
Concen: 22.101 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.357 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 70 Resp: 13897

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

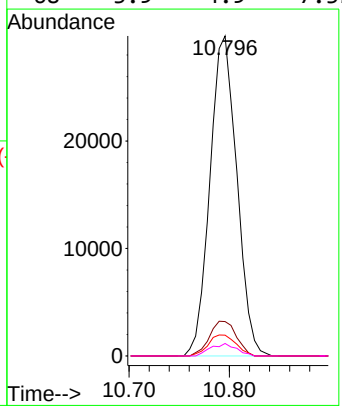


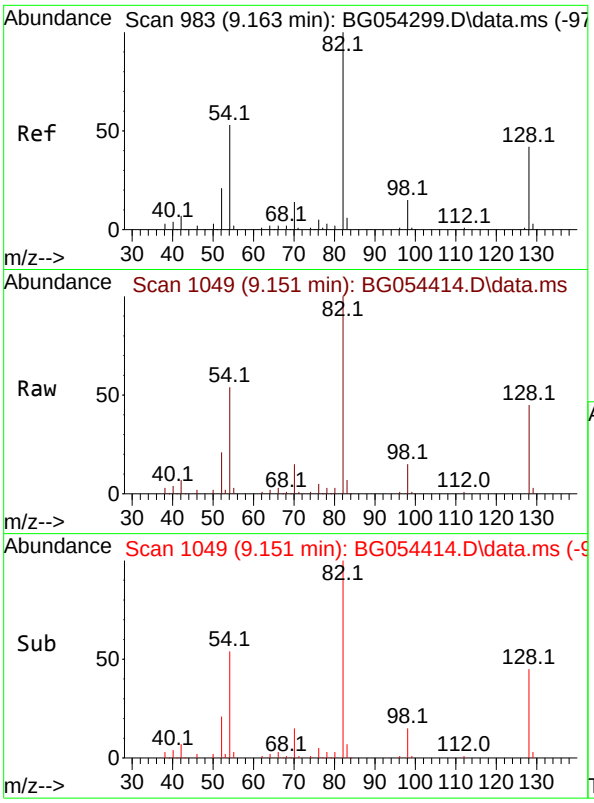


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion:136 Resp: 55365

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.5	7.4	11.2#
68	3.9	4.9	7.3#



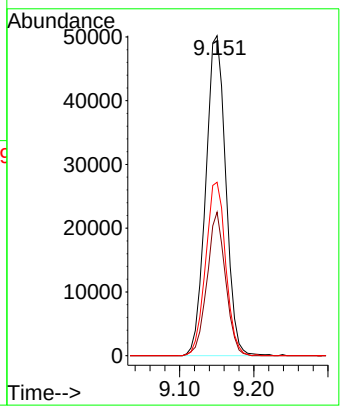


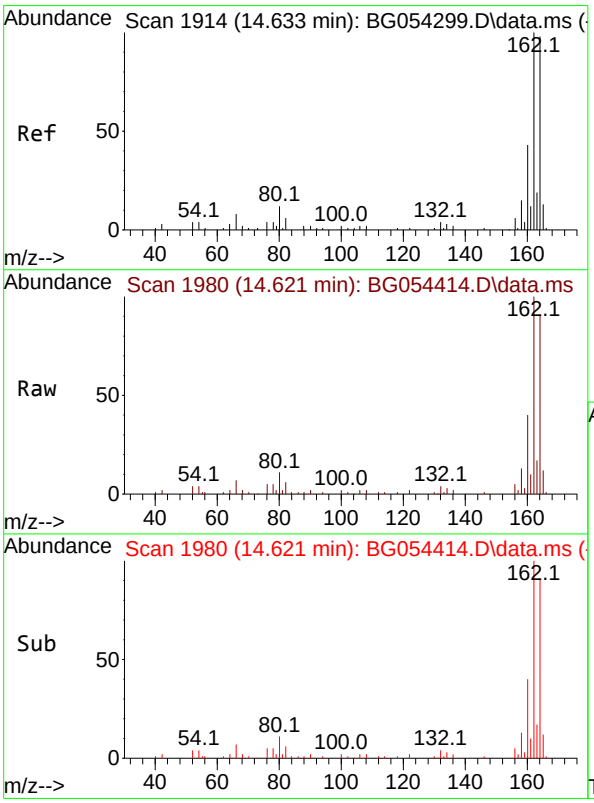
#23
Nitrobenzene-d5
Concen: 92.611 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 94155

Ion	Ratio	Lower	Upper
82	100		
128	44.9	27.9	41.9#
54	54.2	41.2	61.8

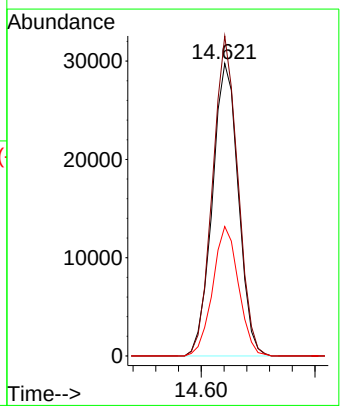


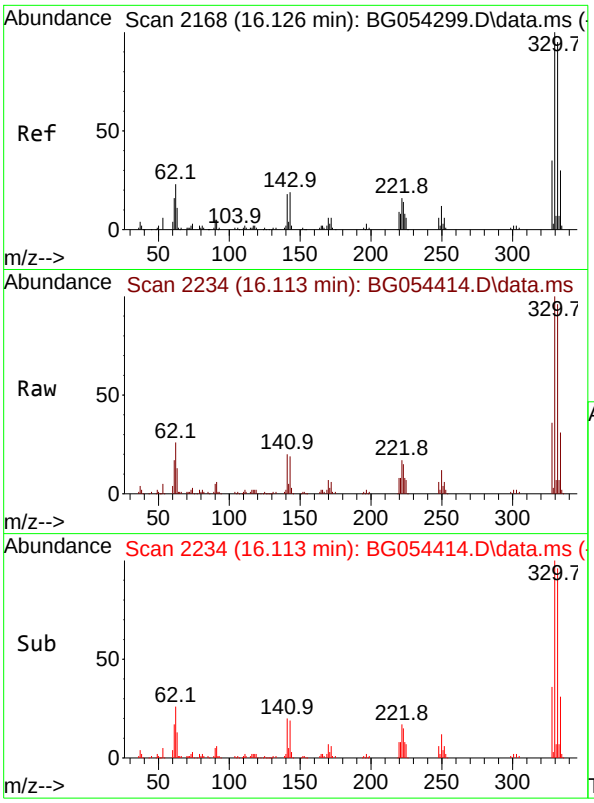


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion:164 Resp: 47285

Ion	Ratio	Lower	Upper
164	100		
162	109.4	82.3	123.5
160	44.2	34.2	51.2



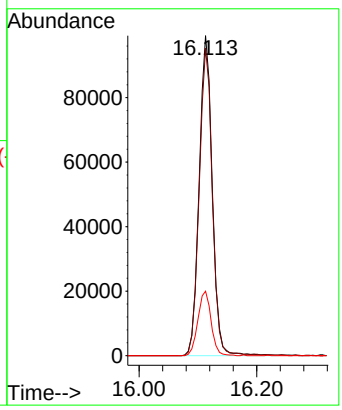


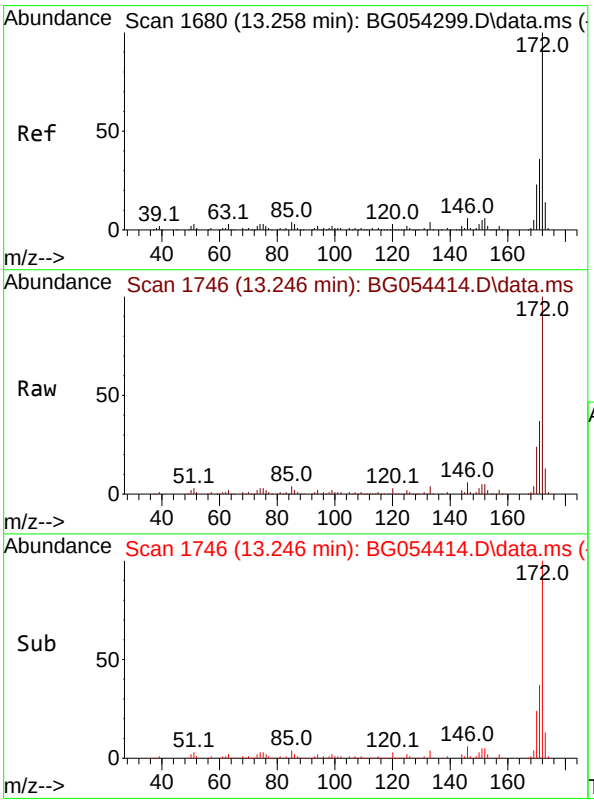
#42
2,4,6-Tribromophenol
Concen: 154.797 ng
RT: 16.113 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 153684

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	20.2	27.1	40.7#

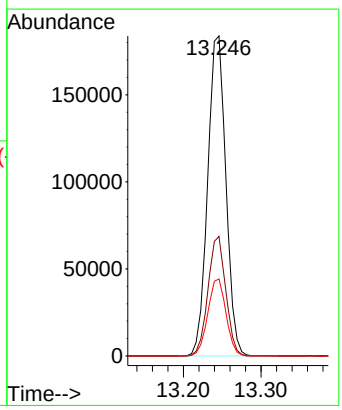


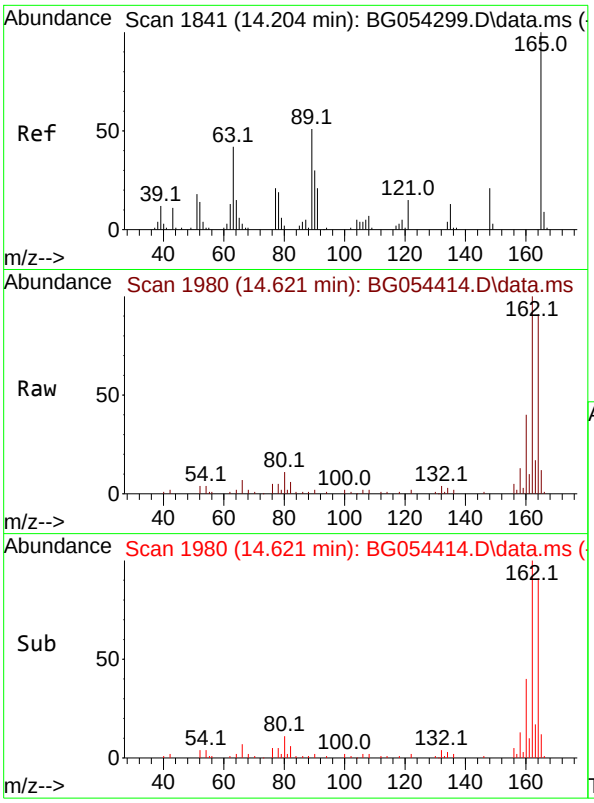


#45
2-Fluorobiphenyl
Concen: 89.393 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion:172 Resp: 299636

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.5	42.7
170	24.1	18.9	28.3



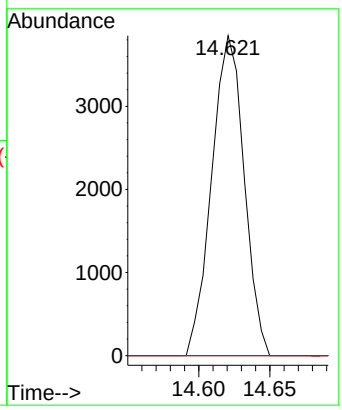


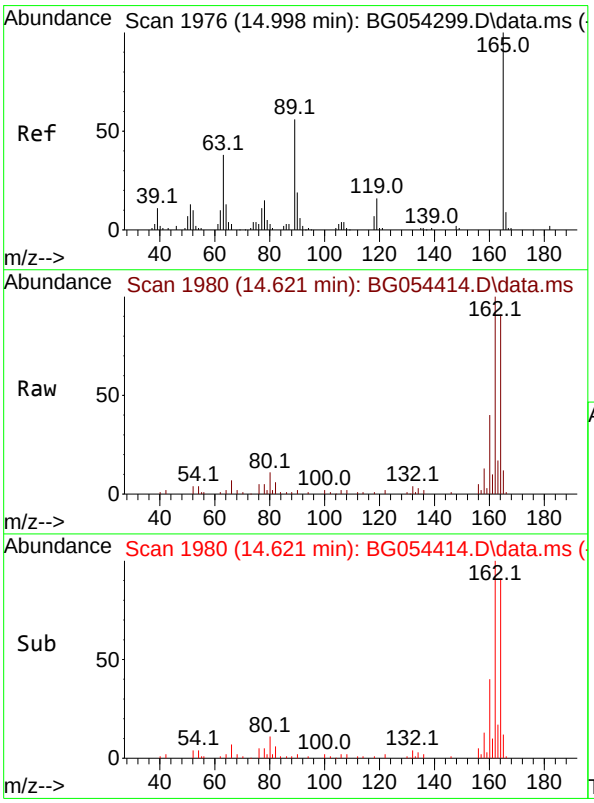
#51
2,6-Dinitrotoluene
Concen: 7.546 ng
RT: 14.621 min Scan# 1
Delta R.T. 0.422 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:165 Resp: 6113

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

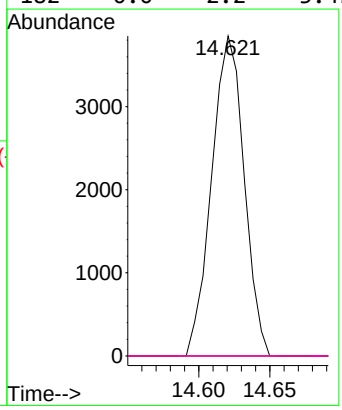


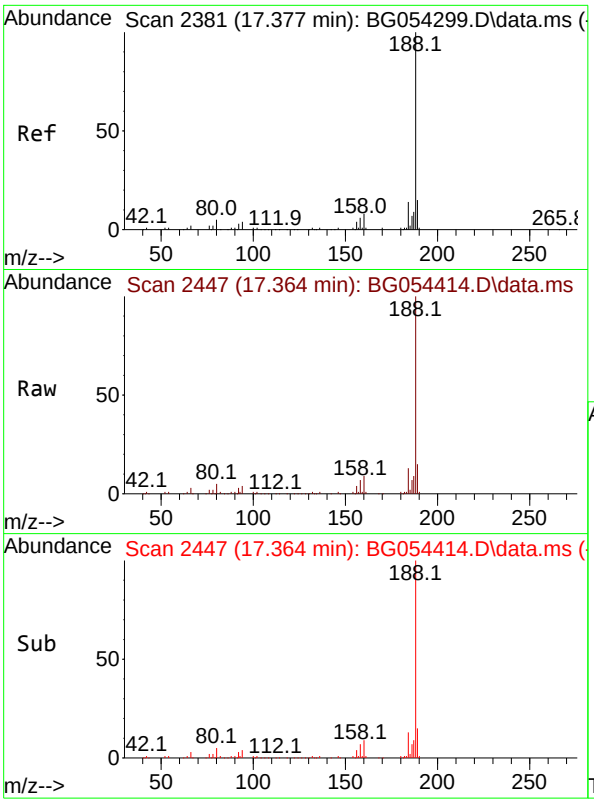


#57
2,4-Dinitrotoluene
Concen: 5.264 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion:165 Resp: 6113

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#



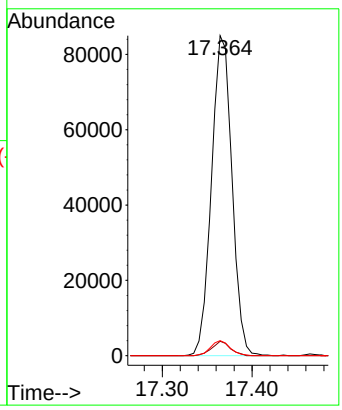


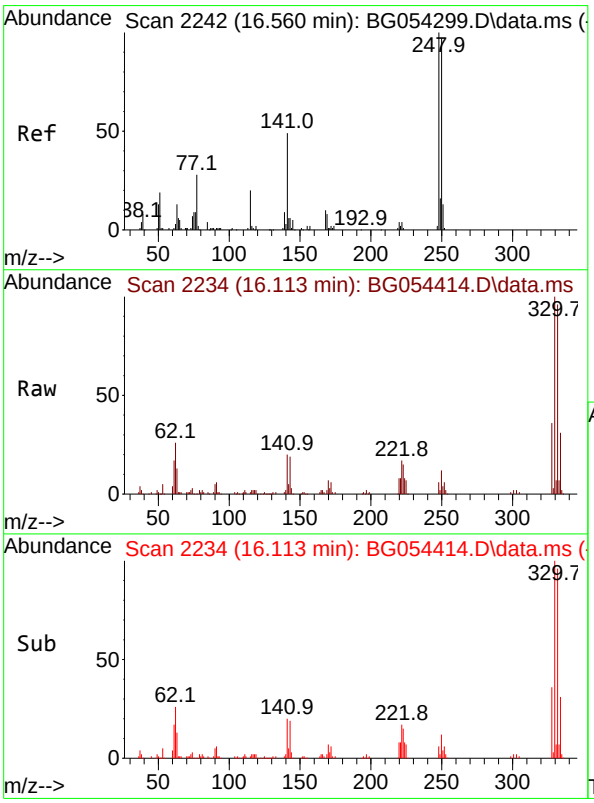
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 134525

Ion	Ratio	Lower	Upper
188	100		
94	4.5	5.4	8.0#
80	4.7	6.8	10.2#

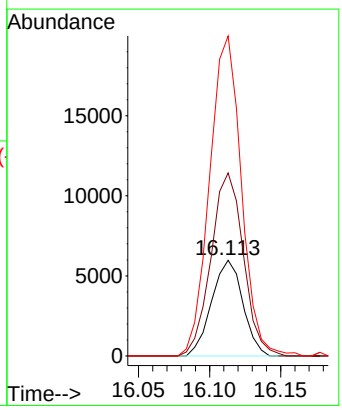


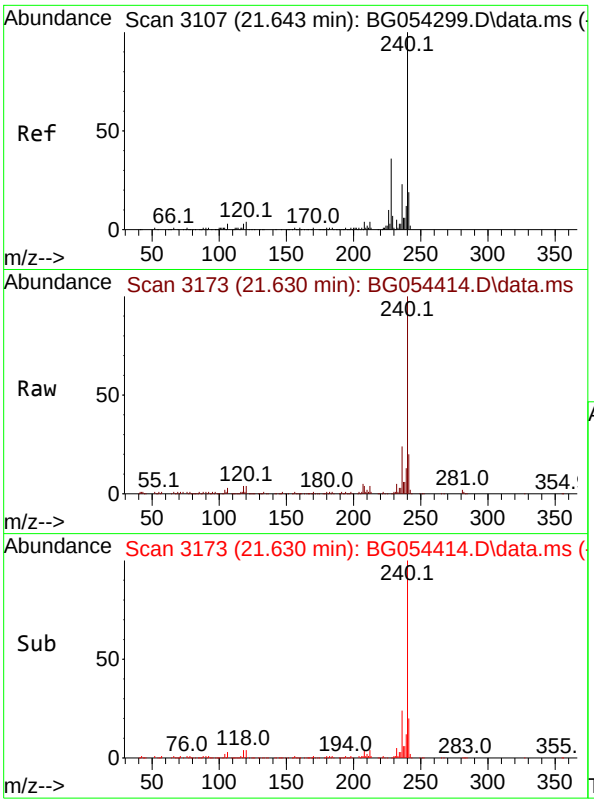


#67
4-Bromophenyl-phenylether
Concen: 4.831 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.442 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion:248 Resp: 9127

Ion	Ratio	Lower	Upper
248	100		
250	145.8	75.2	112.8#
141	254.8	50.0	75.0#



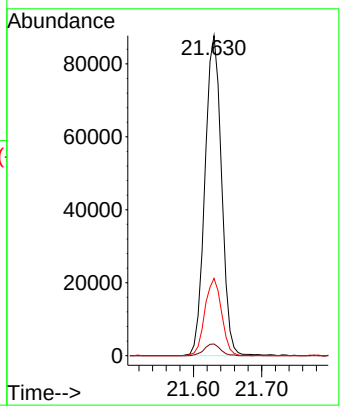


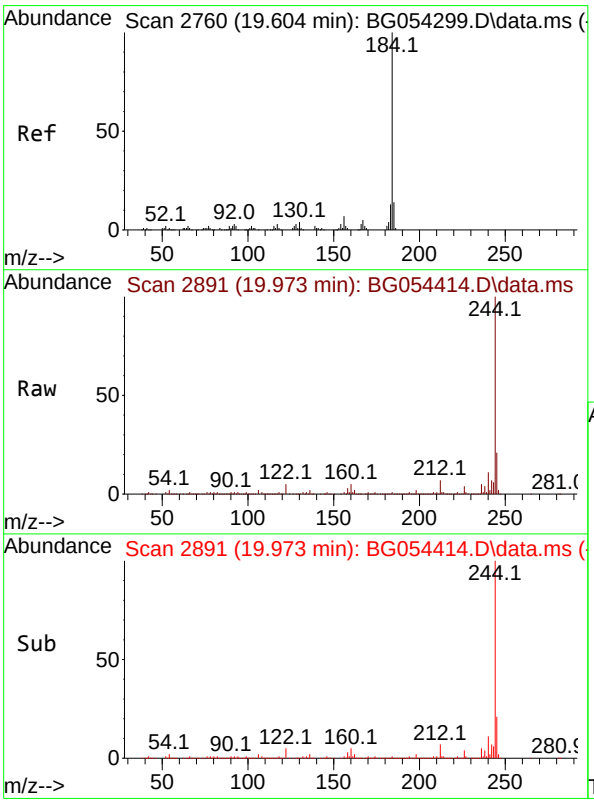
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:240 Resp: 148541

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.2	20.2	30.4

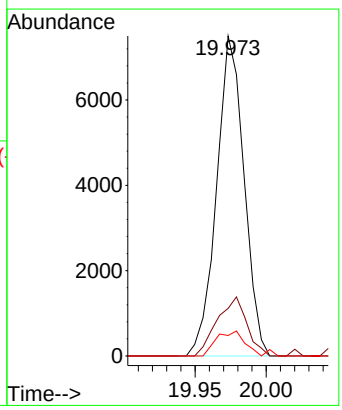


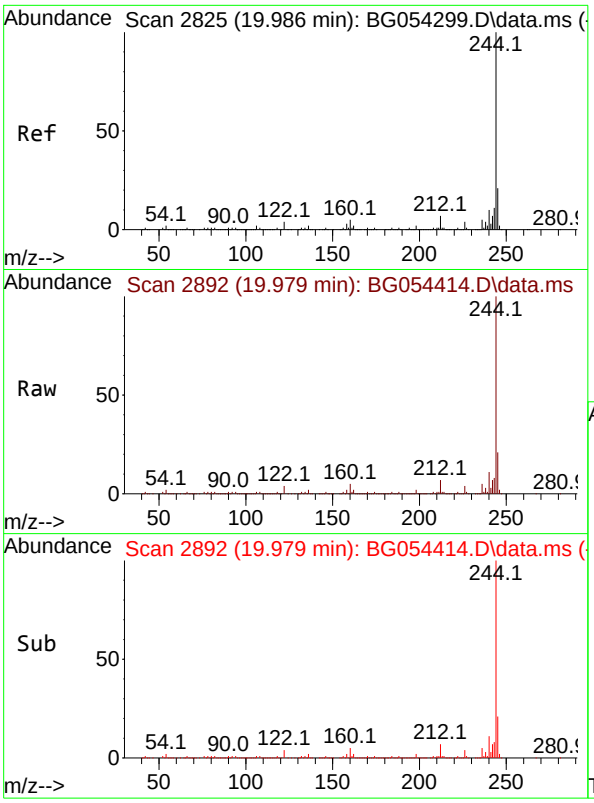


#77
Benzidine
Concen: 3.738 ng
RT: 19.973 min Scan# 2891
Delta R.T. 0.375 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion:184 Resp: 10055

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.6
183	6.4	8.9	13.3#



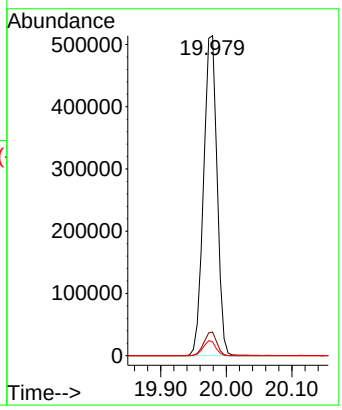


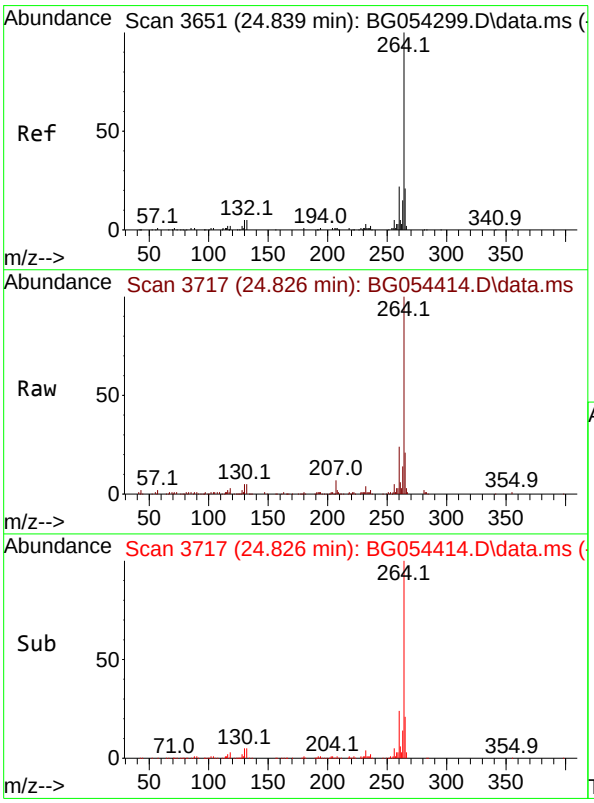
#79
Terphenyl-d14
Concen: 98.468 ng
RT: 19.979 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 737300

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	4.3	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.826 min Scan# 3717
Delta R.T. -0.007 min
Lab File: BG054414.D
Acq: 27 Jul 2022 13:31

Tgt Ion:264 Resp: 157655

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.3	17.4	26.2