Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054486.D
Acq On : 2 Aug 2022 16:50
Operator : CG/JU
Sample : N3895-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-46

Quant Time: Aug 03 04:14:07 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	7.988	152	20120	20.000	ng	# 0.00
21) Naphthalene-d8	10.797	136	74126	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	55574	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	132630	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	147381	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	157333	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	89075	92.435	ng	0.01
7) Phenol-d6	7.189	99	119466	90.474	ng	0.02
23) Nitrobenzene-d5	9.151	82	80824	59.378	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	104345	89.425	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	246160	62.485	ng	0.00
79) Terphenyl-d14	19.980	244	484764	65.251	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.106	88	896	2.337	ng	# 1
19) n-Nitroso-di-n-propyla...	9.151	70	11826	13.412	ng	# 76
51) 2,6-Dinitrotoluene	14.621	165	7601	7.983	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	7601	5.569	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	6218	3.338	ng	# 1
77) Benzidine	19.980	184	6263	2.346	ng	# 89

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

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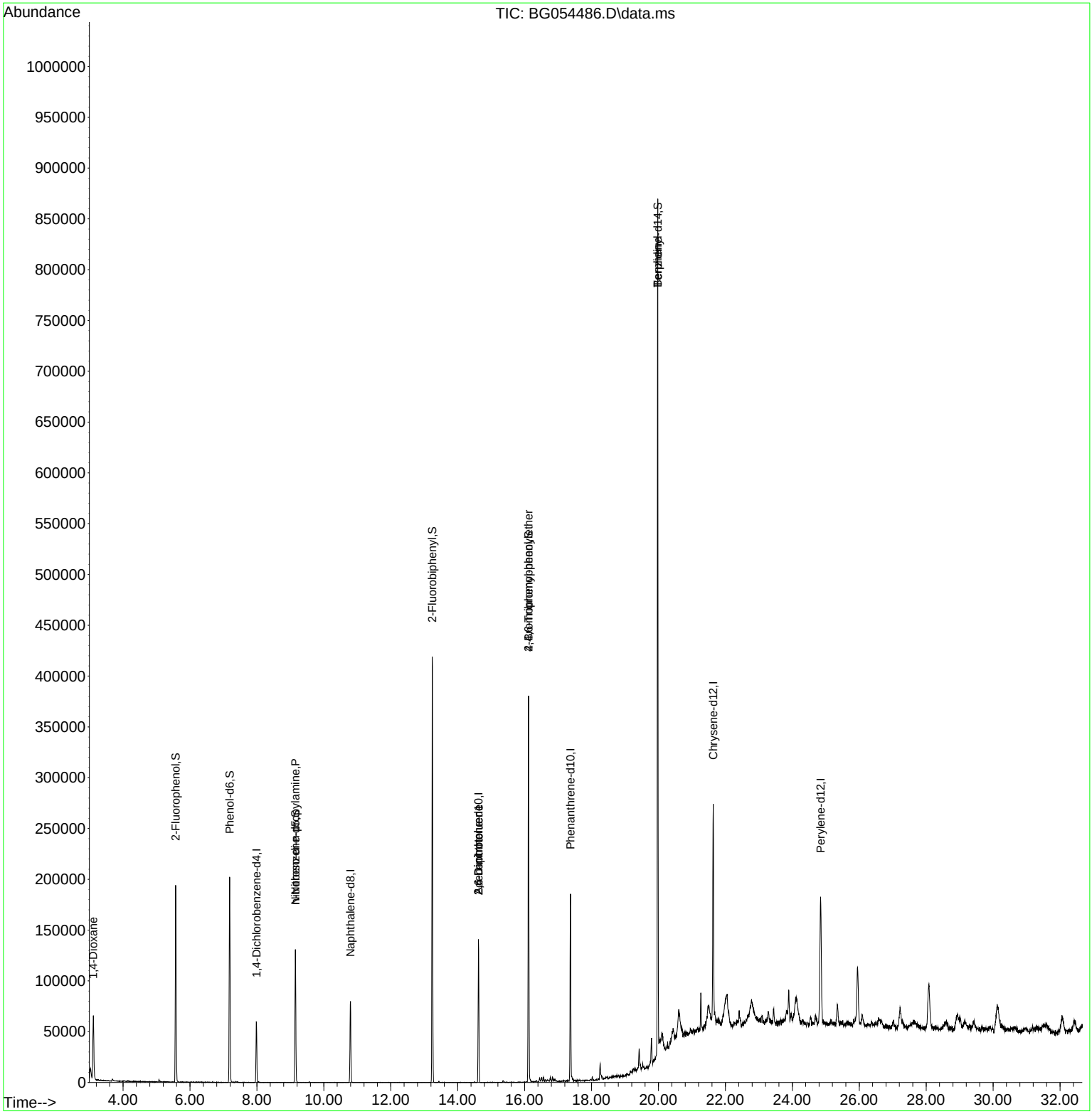
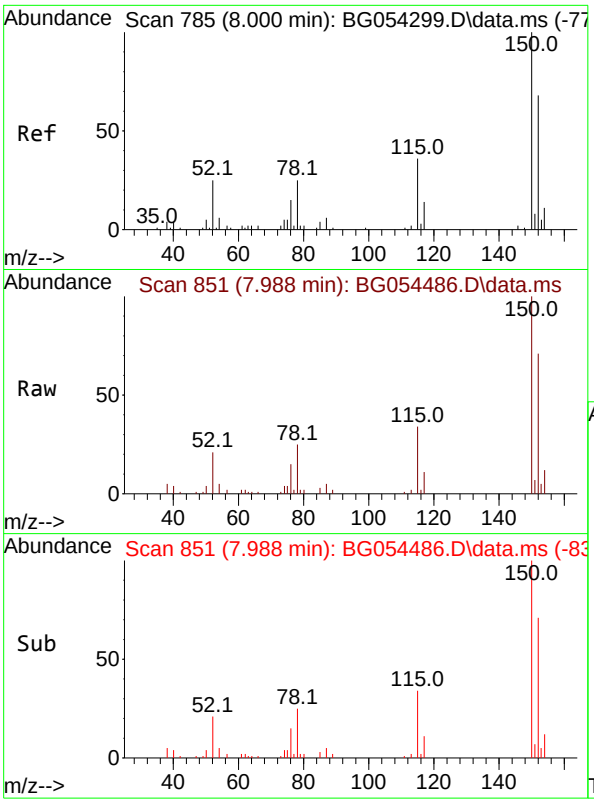


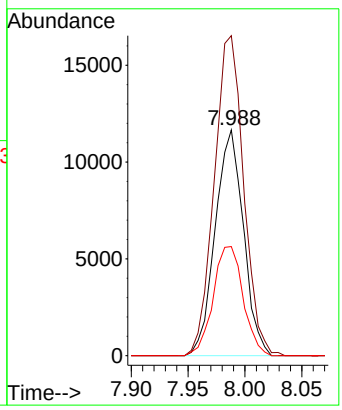


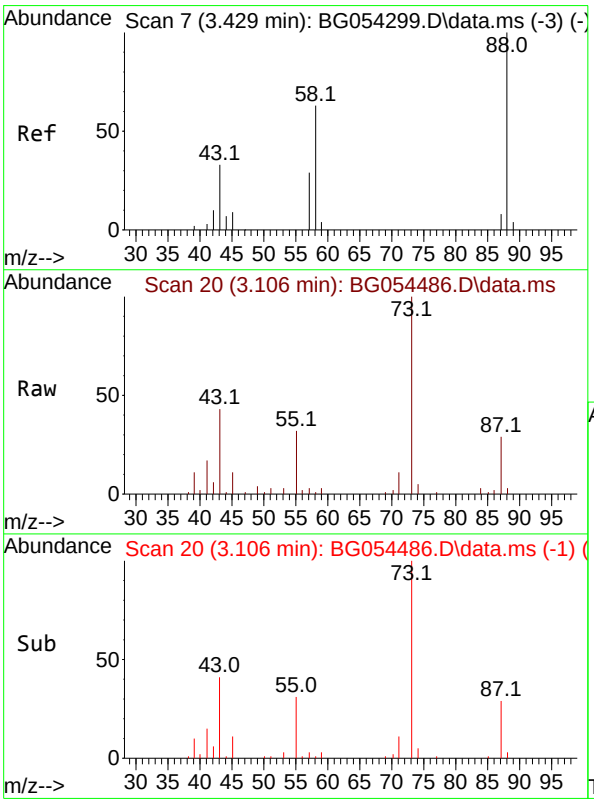
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion:152 Resp: 20120

Ion	Ratio	Lower	Upper
152	100		
150	141.7	131.6	197.4
115	48.3	50.9	76.3#

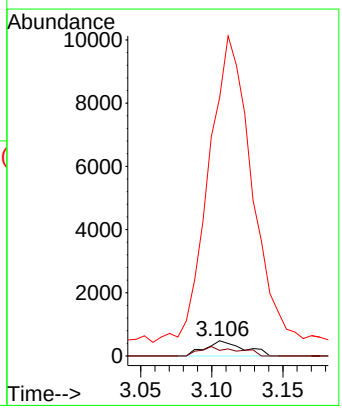


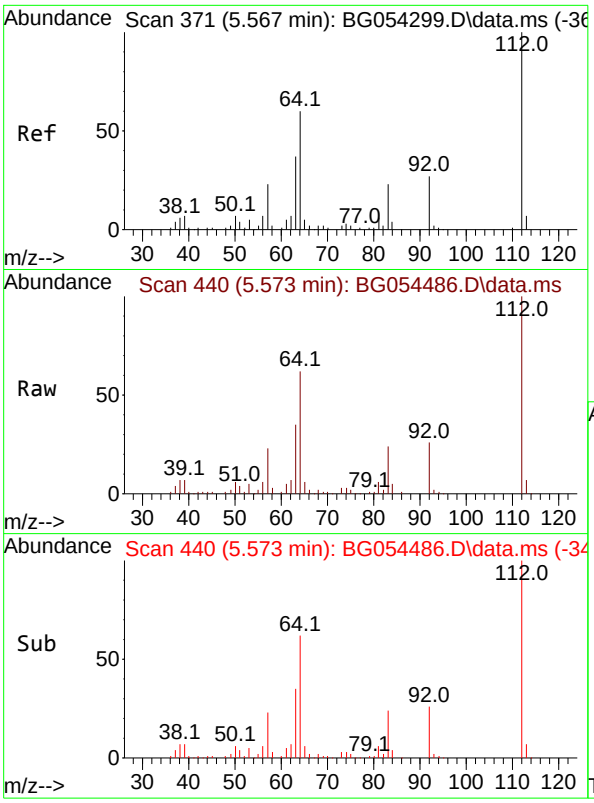


#2
1,4-Dioxane
Concen: 2.337 ng
RT: 3.106 min Scan# 20
Delta R.T. -0.312 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion: 88 Resp: 896

Ion	Ratio	Lower	Upper
88	100		
58	61.5	59.2	88.8
43	2455.1	24.3	36.5#



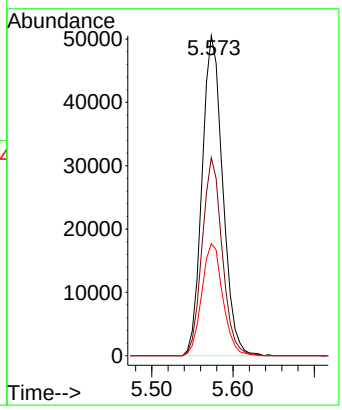


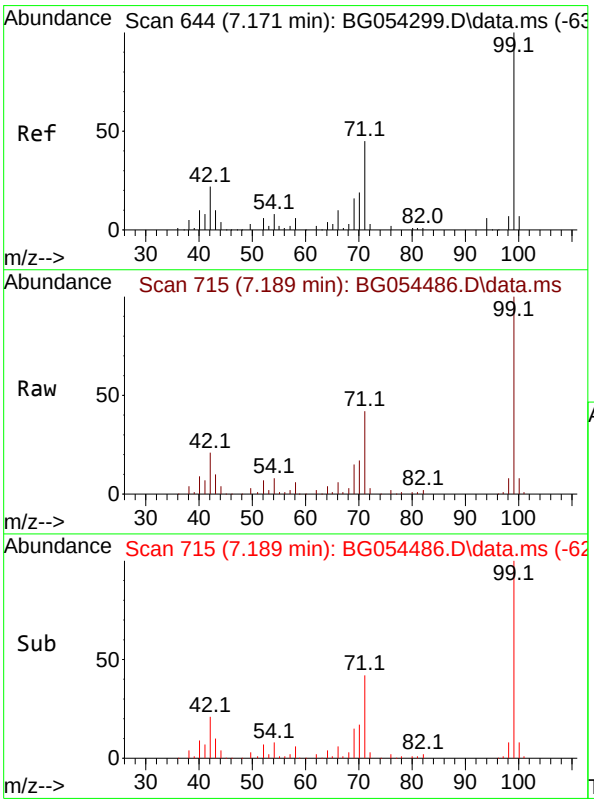
#5
2-Fluorophenol
Concen: 92.435 ng
RT: 5.573 min Scan# 44
Delta R.T. 0.011 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion:112 Resp: 89075

Ion	Ratio	Lower	Upper
112	100		
64	61.8	55.1	82.7
63	35.0	30.4	45.6

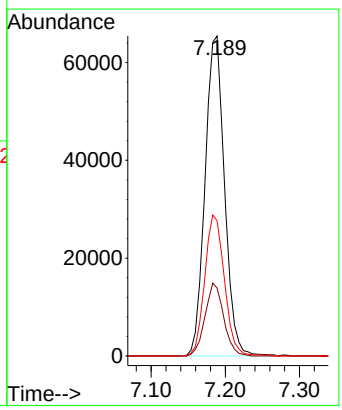


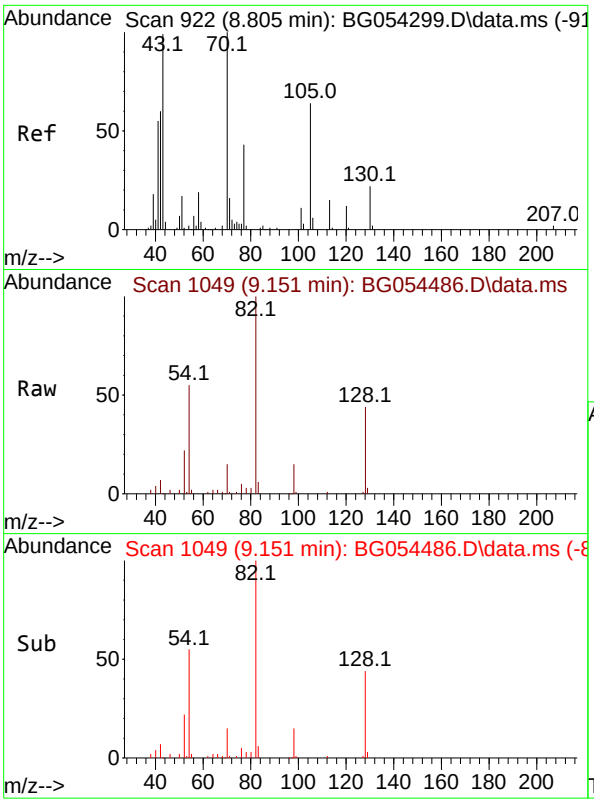


#7
Phenol-d6
Concen: 90.474 ng
RT: 7.189 min Scan# 715
Delta R.T. 0.017 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion: 99 Resp: 119466

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	42.2	33.8	50.8



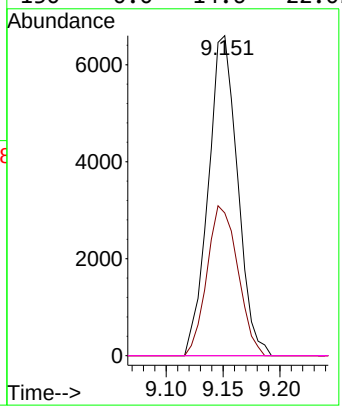


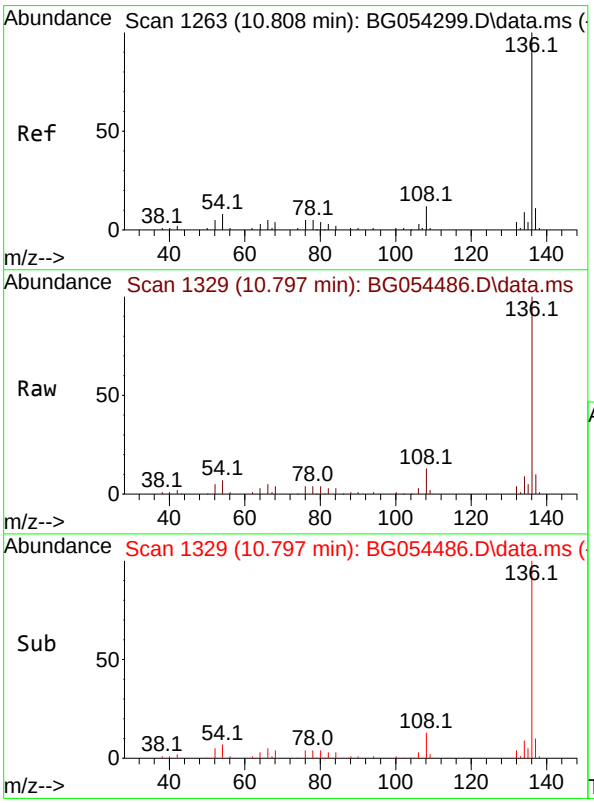
#19
n-Nitroso-di-n-propylamine
Concen: 13.412 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.358 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion: 70 Resp: 11826

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.3	70.9#
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

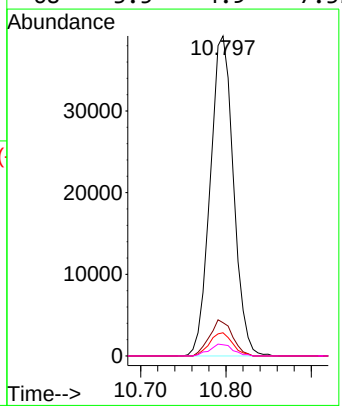


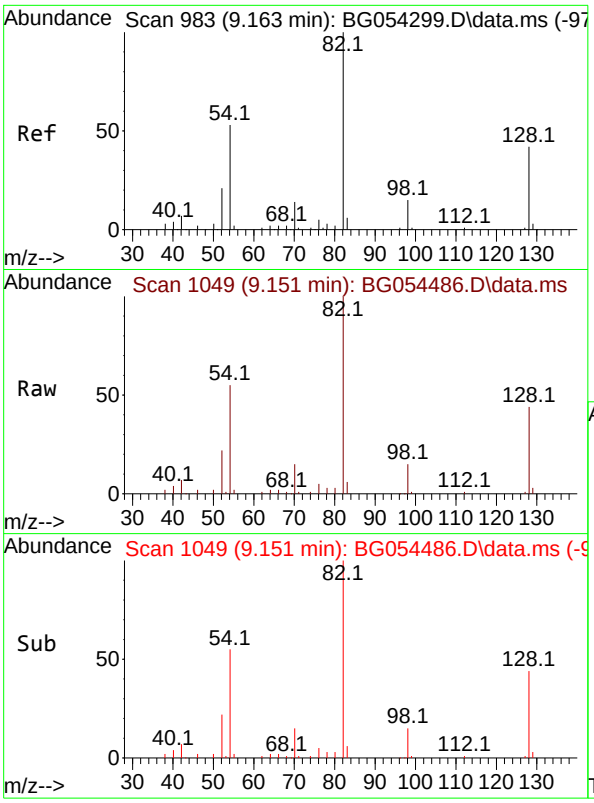


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion:136 Resp: 74126

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.2	7.4	11.2#
68	3.5	4.9	7.3#



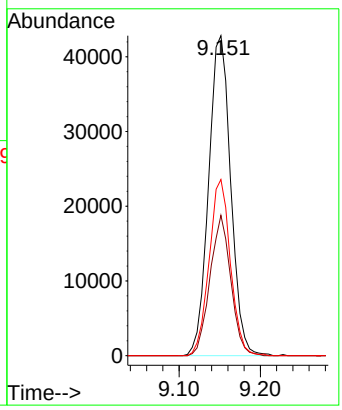


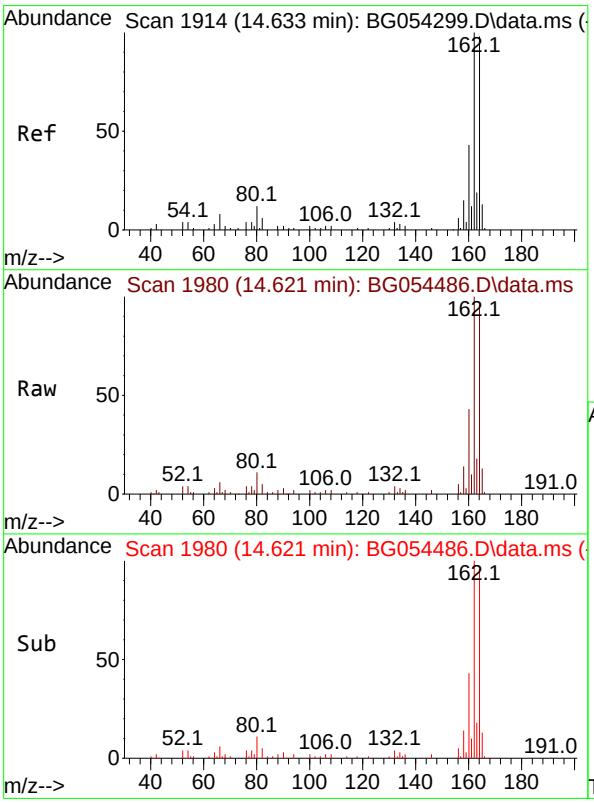
#23
Nitrobenzene-d5
Concen: 59.378 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion: 82 Resp: 80824

Ion	Ratio	Lower	Upper
82	100		
128	43.9	27.9	41.9#
54	55.0	41.2	61.8

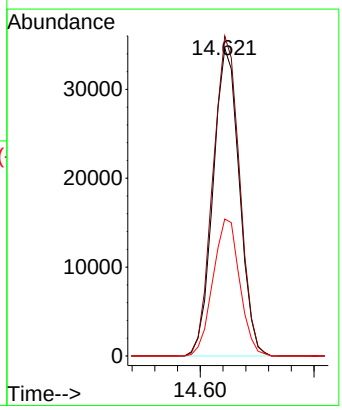


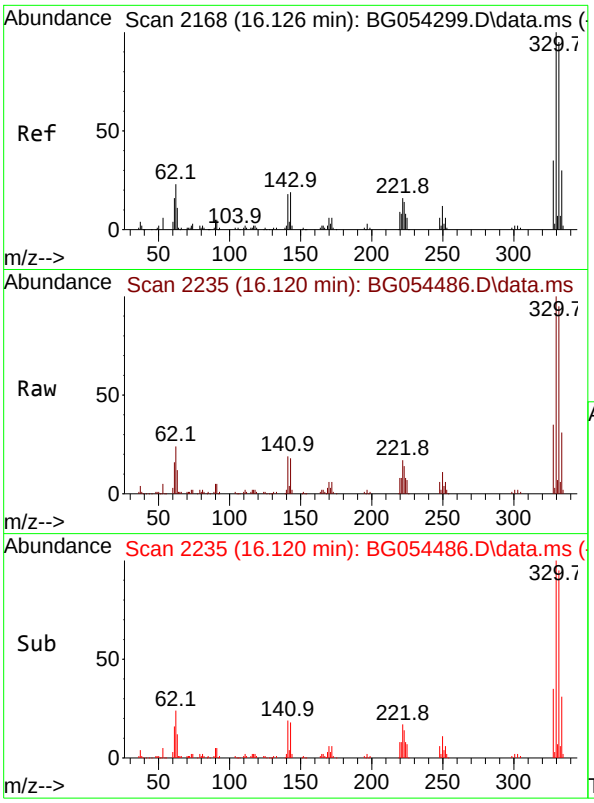


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion:164 Resp: 55574

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.3	123.5
160	44.5	34.2	51.2



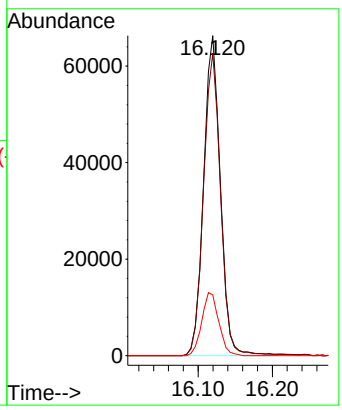


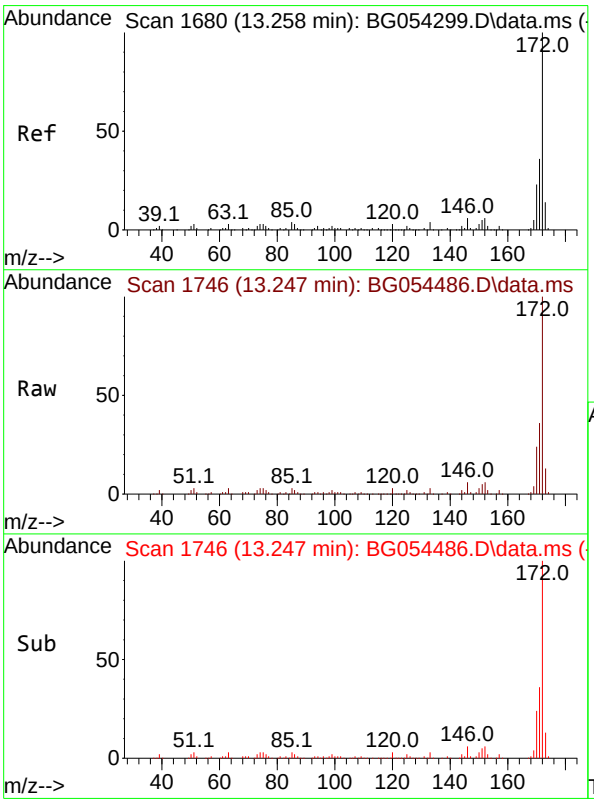
#42
2,4,6-Tribromophenol
Concen: 89.425 ng
RT: 16.120 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion:330 Resp: 104345

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	19.9	27.1	40.7#

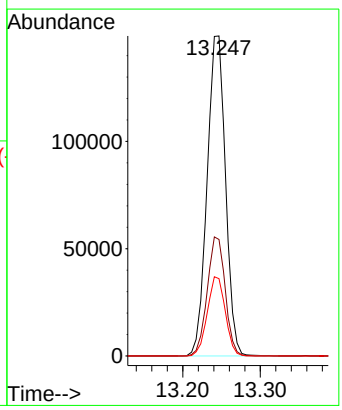


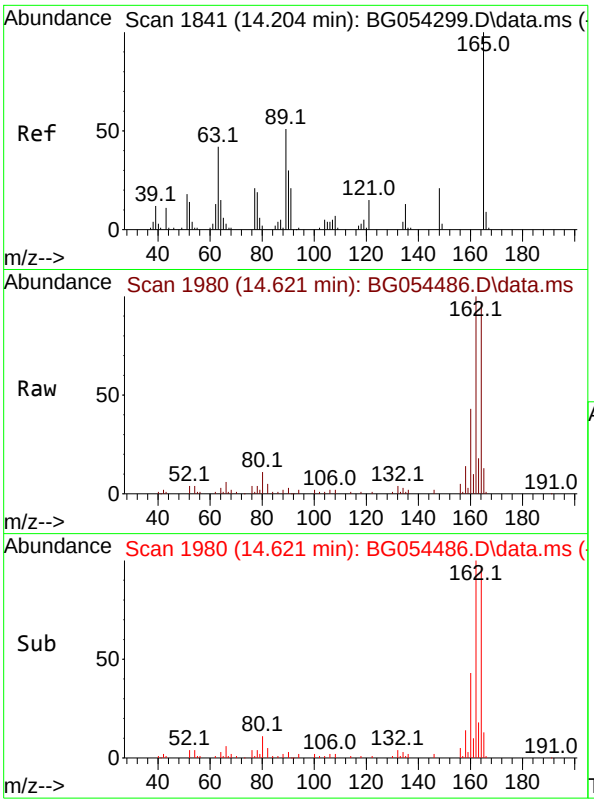


#45
2-Fluorobiphenyl
Concen: 62.485 ng
RT: 13.247 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion:172 Resp: 246160

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.2	18.9	28.3



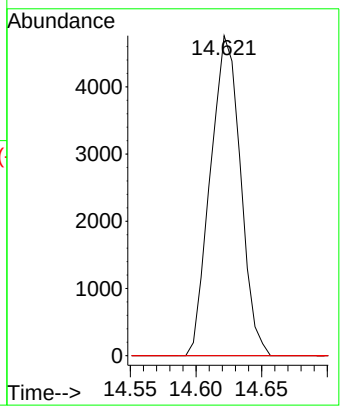


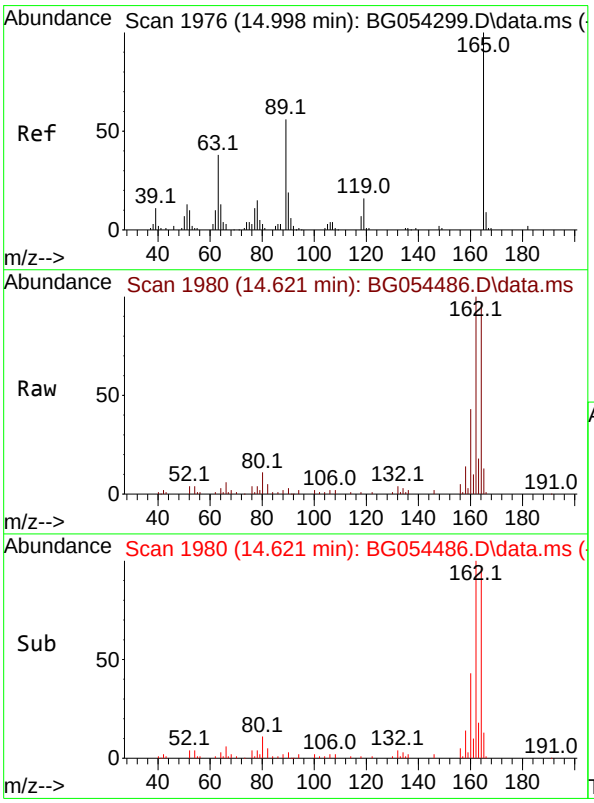
#51
2,6-Dinitrotoluene
Concen: 7.983 ng
RT: 14.621 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion:165 Resp: 7601

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

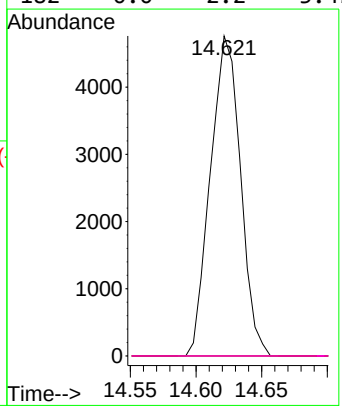


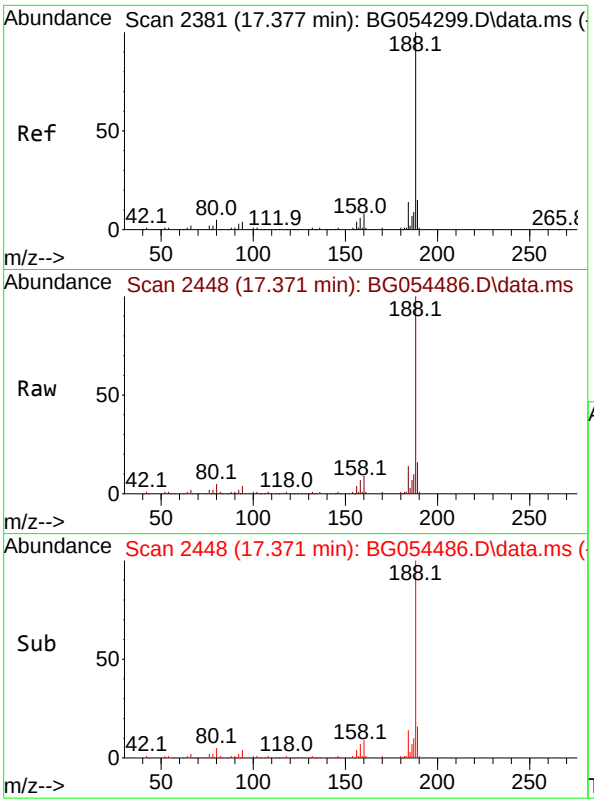


#57
2,4-Dinitrotoluene
Concen: 5.569 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.370 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion:165 Resp: 7601

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#



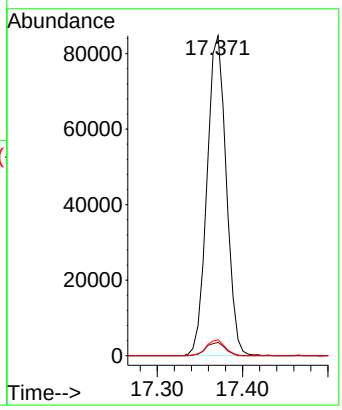


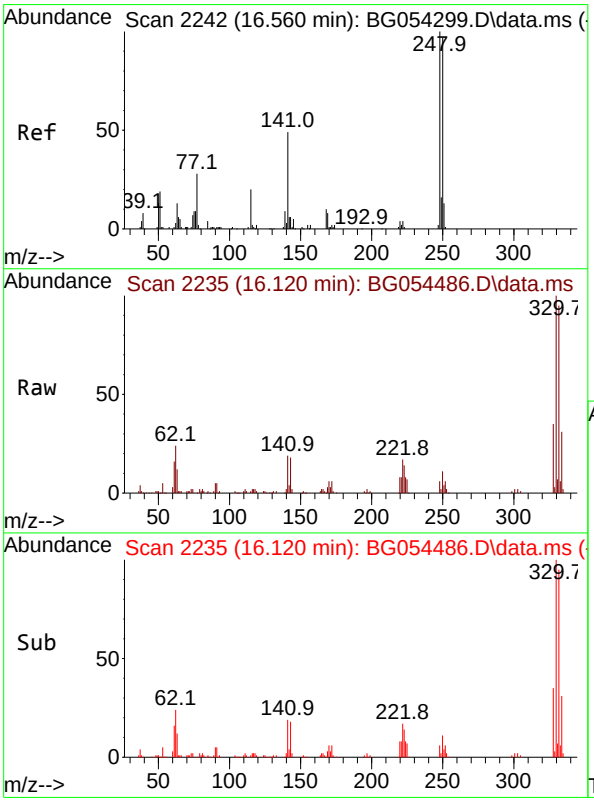
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion:188 Resp: 132630

Ion	Ratio	Lower	Upper
188	100		
94	4.1	5.4	8.0#
80	4.9	6.8	10.2#

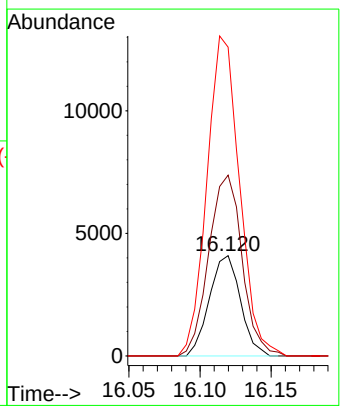


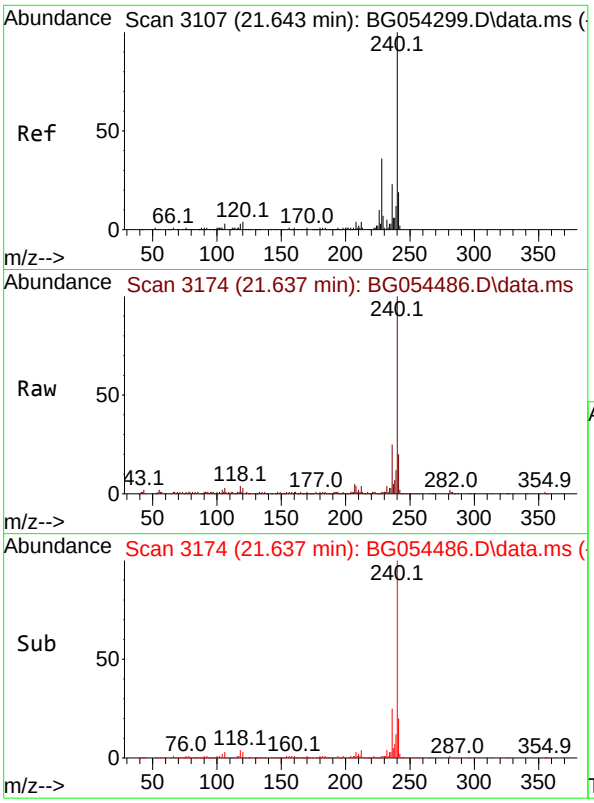


#67
4-Bromophenyl-phenylether
Concen: 3.338 ng
RT: 16.120 min Scan# 2235
Delta R.T. -0.435 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion:248 Resp: 6218

Ion	Ratio	Lower	Upper
248	100		
250	133.4	75.2	112.8#
141	227.9	50.0	75.0#



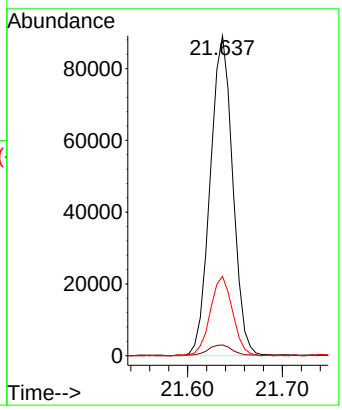


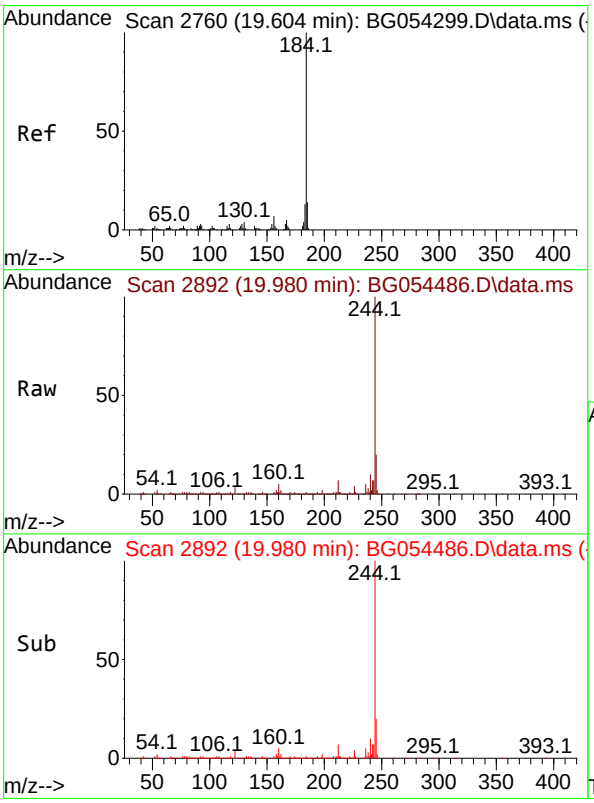
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion:240 Resp: 147381

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.6	7.0#
236	24.8	20.2	30.4

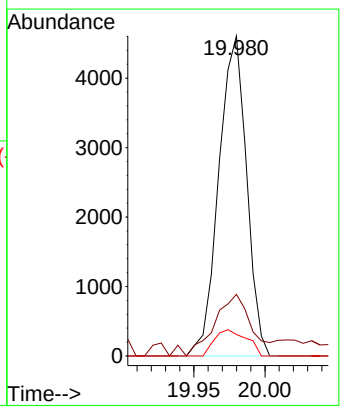


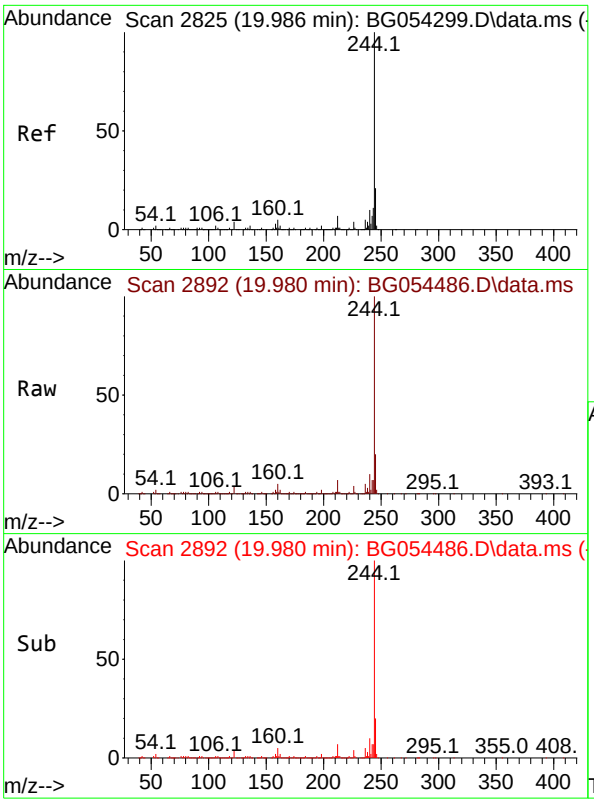


#77
Benzidine
Concen: 2.346 ng
RT: 19.980 min Scan# 2892
Delta R.T. 0.382 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion:184 Resp: 6263

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.8	17.6#
183	6.7	8.9	13.3#



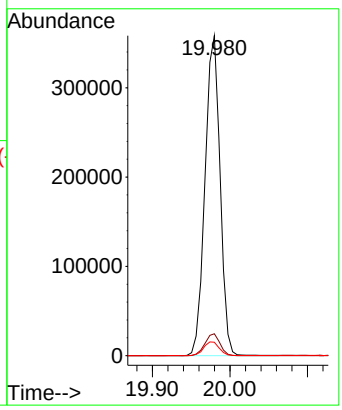


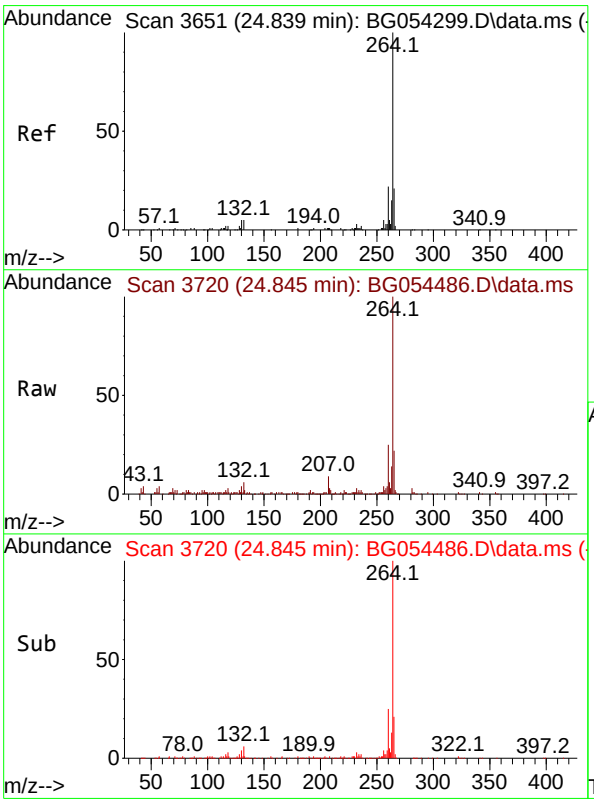
#79
Terphenyl-d14
Concen: 65.251 ng
RT: 19.980 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Instrument :
BNA_G
ClientSampleId :
RVE-46

Tgt Ion:244 Resp: 484764

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	4.2	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3720
Delta R.T. 0.011 min
Lab File: BG054486.D
Acq: 2 Aug 2022 16:50

Tgt Ion:264 Resp: 157333

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.6
265	21.5	17.4	26.2