Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054484.D
Acq On : 2 Aug 2022 15:27
Operator : CG/JU
Sample : N3894-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-21

Quant Time: Aug 03 04:13:52 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	7.985	152	17870	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	68124	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	53806	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	130341	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	147434	20.000	ng	# 0.00
86) Perylene-d12	24.842	264	158871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	101788	118.926	ng	0.00
7) Phenol-d6	7.180	99	136425	116.326	ng	0.00
23) Nitrobenzene-d5	9.148	82	90803	72.586	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	128960	114.152	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	284385	74.561	ng	0.00
79) Terphenyl-d14	19.977	244	597530	80.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.102	88	1078	3.166	ng	# 1
9) Benzaldehyde	7.180	77	59	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.154	70	13182	16.832	ng	# 80
51) 2,6-Dinitrotoluene	14.624	165	7114	7.717	ng	# 16
57) 2,4-Dinitrotoluene	14.624	165	7114	5.383	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	7398	4.041	ng	# 1
77) Benzidine	19.977	184	7998	2.995	ng	98
78) Pyrene	19.783	202	20792	2.458	ng	97

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

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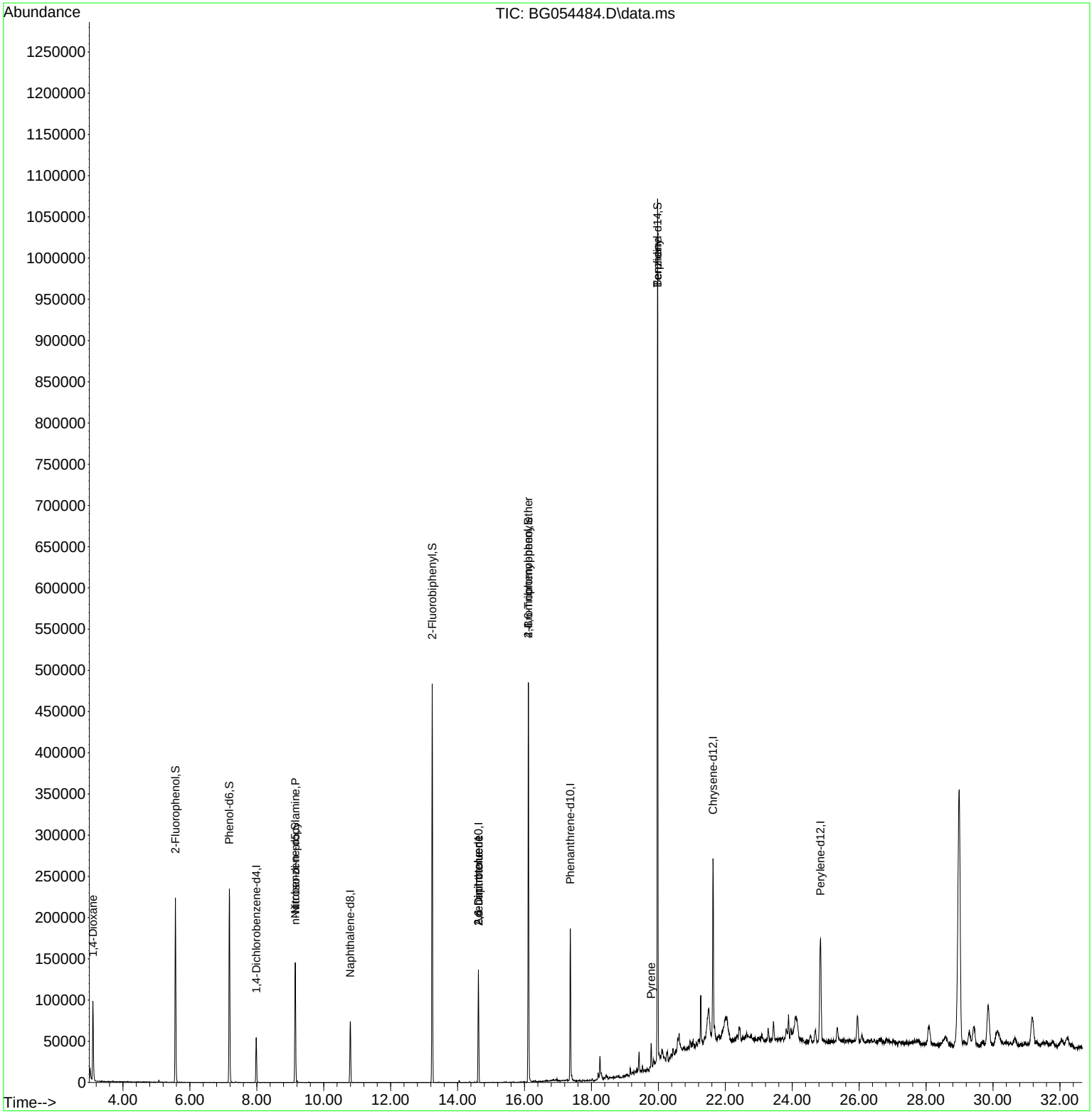
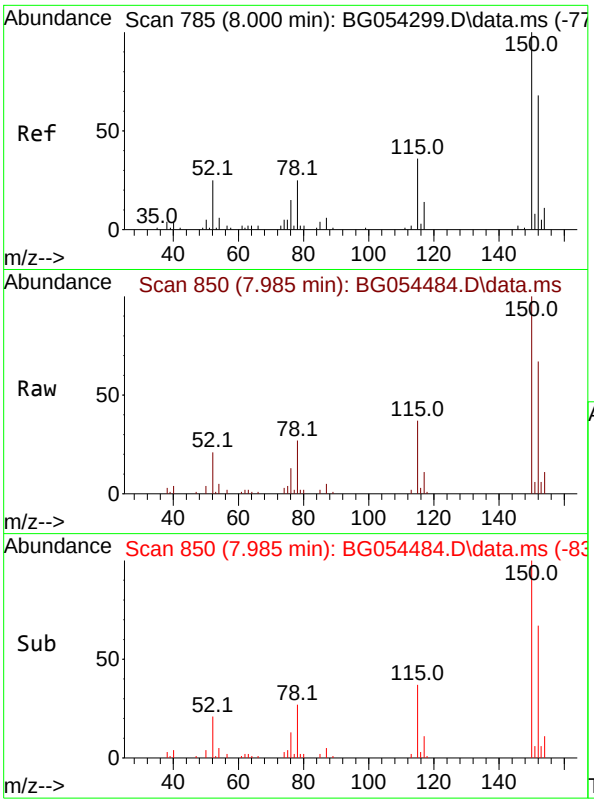


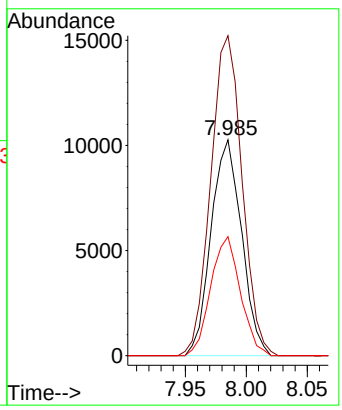


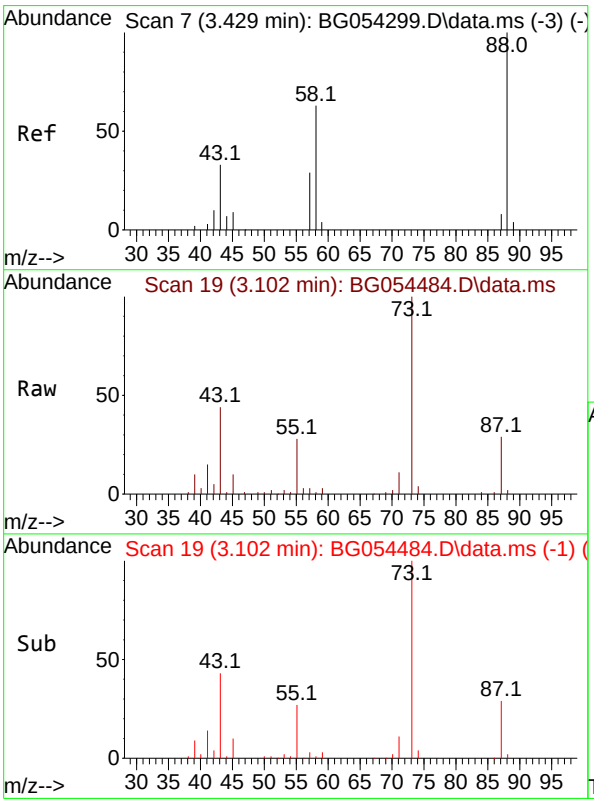
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:152 Resp: 17870

Ion	Ratio	Lower	Upper
152	100		
150	148.3	131.6	197.4
115	55.2	50.9	76.3

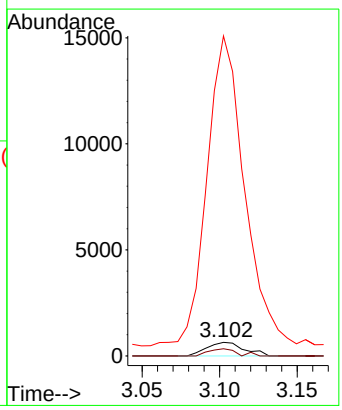


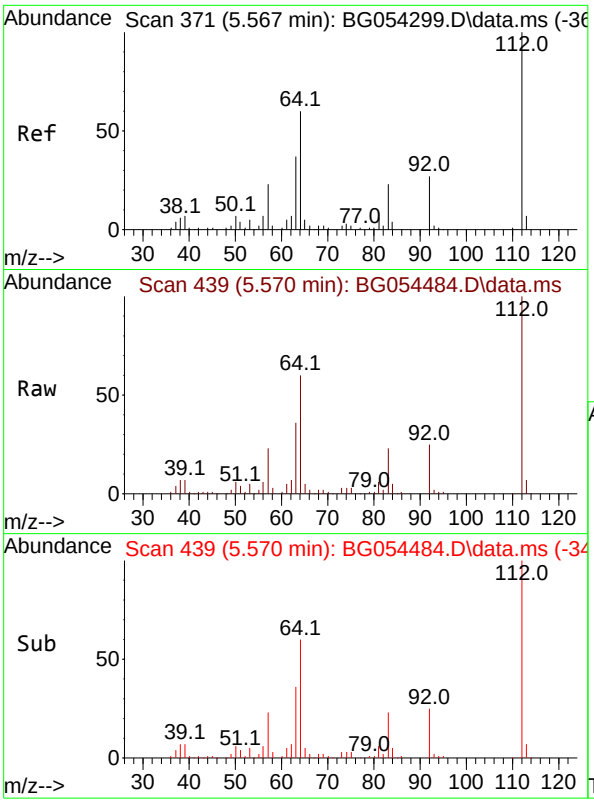


#2
1,4-Dioxane
Concen: 3.166 ng
RT: 3.102 min Scan# 19
Delta R.T. -0.315 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion: 88 Resp: 1078

Ion	Ratio	Lower	Upper
88	100		
58	40.2	59.2	88.8#
43	2499.7	24.3	36.5#



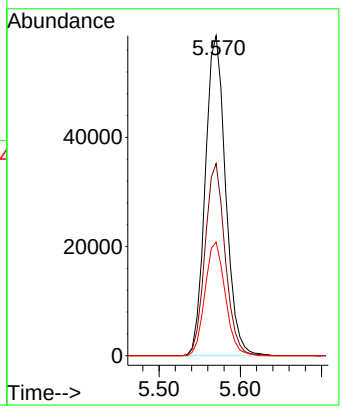


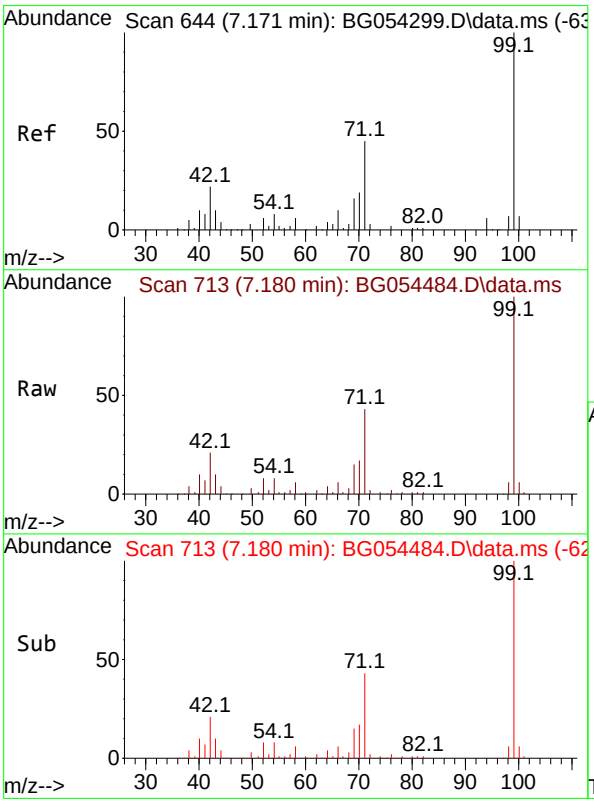
#5
2-Fluorophenol
Concen: 118.926 ng
RT: 5.570 min Scan# 4
Delta R.T. 0.008 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:112 Resp: 101788

Ion	Ratio	Lower	Upper
112	100		
64	60.0	55.1	82.7
63	35.5	30.4	45.6

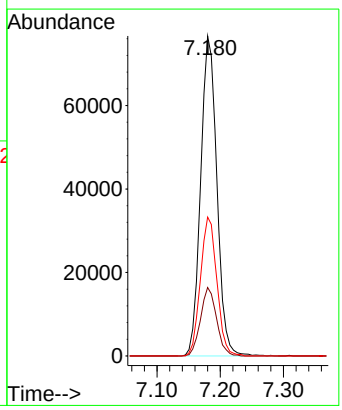


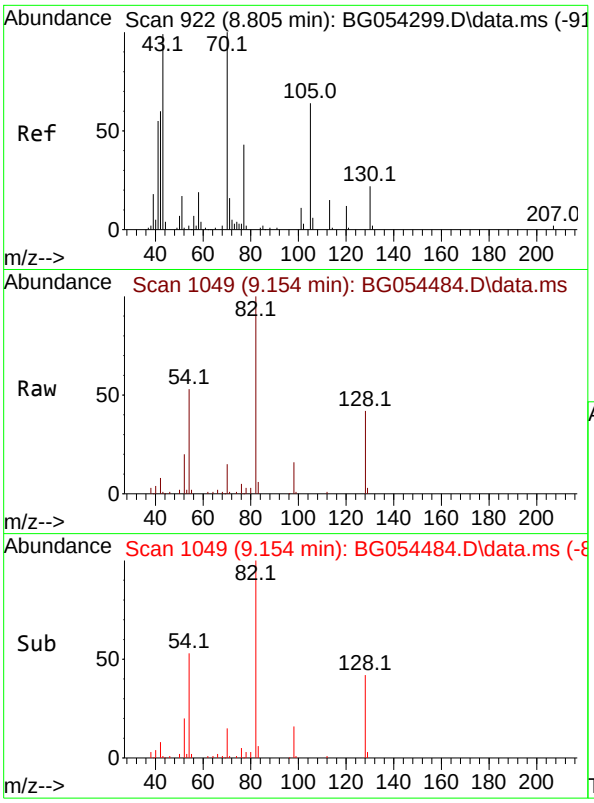


#7
Phenol-d6
Concen: 116.326 ng
RT: 7.180 min Scan# 713
Delta R.T. 0.008 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion: 99 Resp: 136425

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	43.4	33.8	50.8



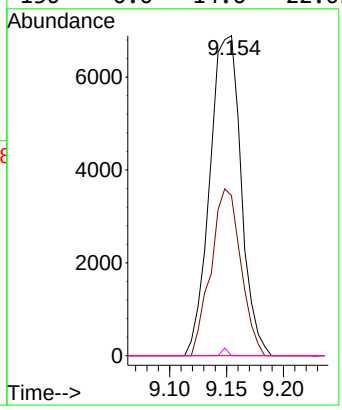


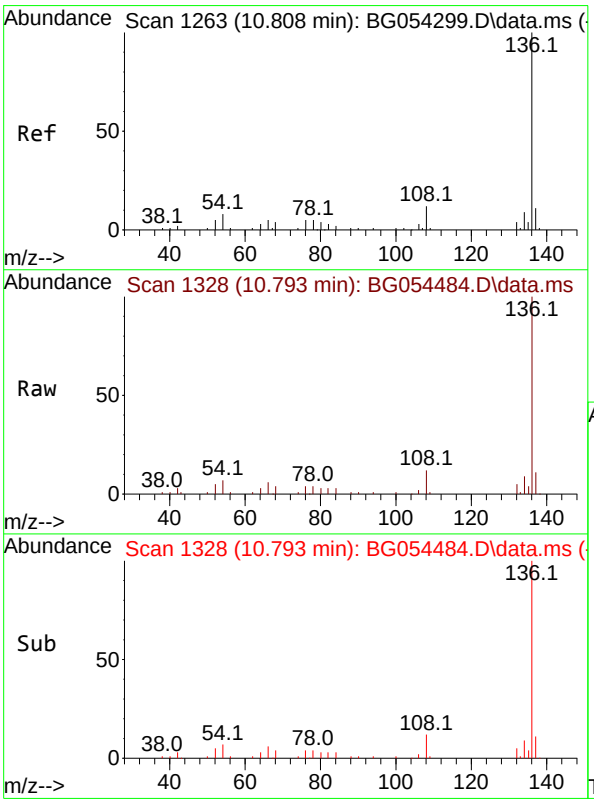
#19
n-Nitroso-di-n-propylamine
Concen: 16.832 ng
RT: 9.154 min Scan# 1
Delta R.T. 0.361 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion: 70 Resp: 13182

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

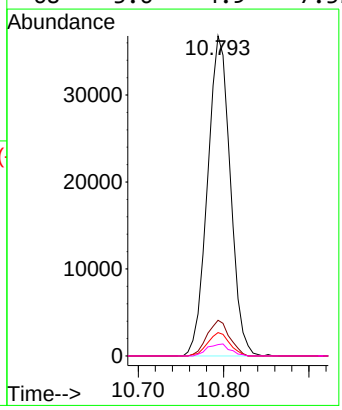


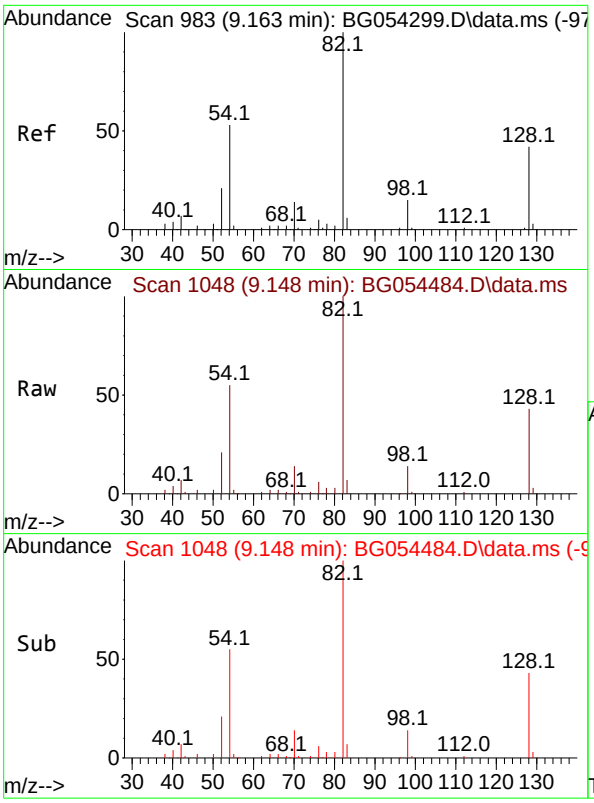


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion:136 Resp: 68124

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.3	7.4	11.2#
68	3.6	4.9	7.3#



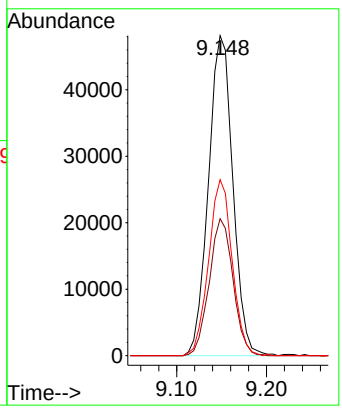


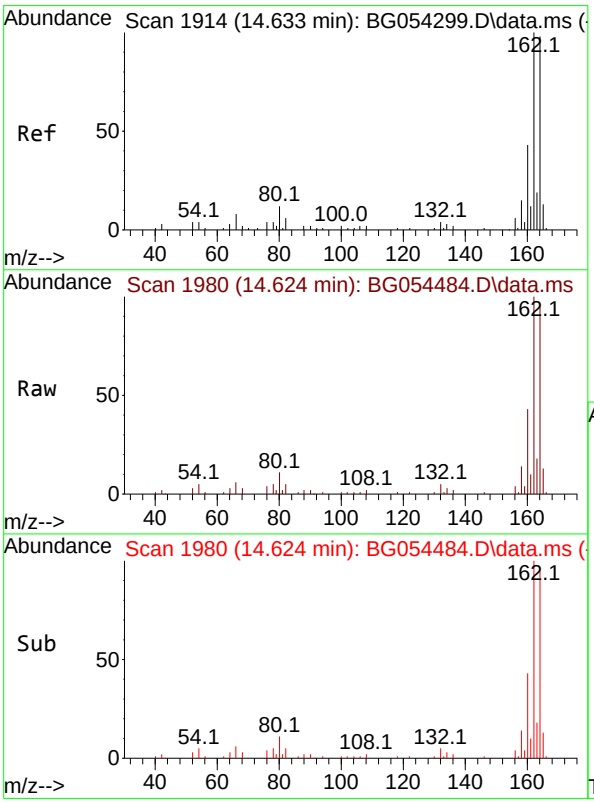
#23
Nitrobenzene-d5
Concen: 72.586 ng
RT: 9.148 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion: 82 Resp: 90803

Ion	Ratio	Lower	Upper
82	100		
128	42.8	27.9	41.9#
54	55.0	41.2	61.8

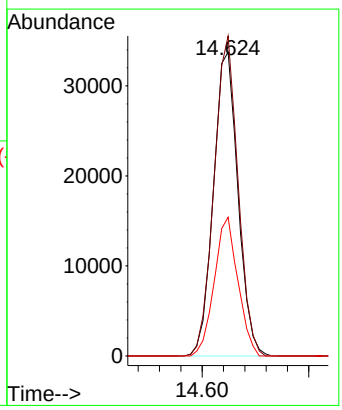


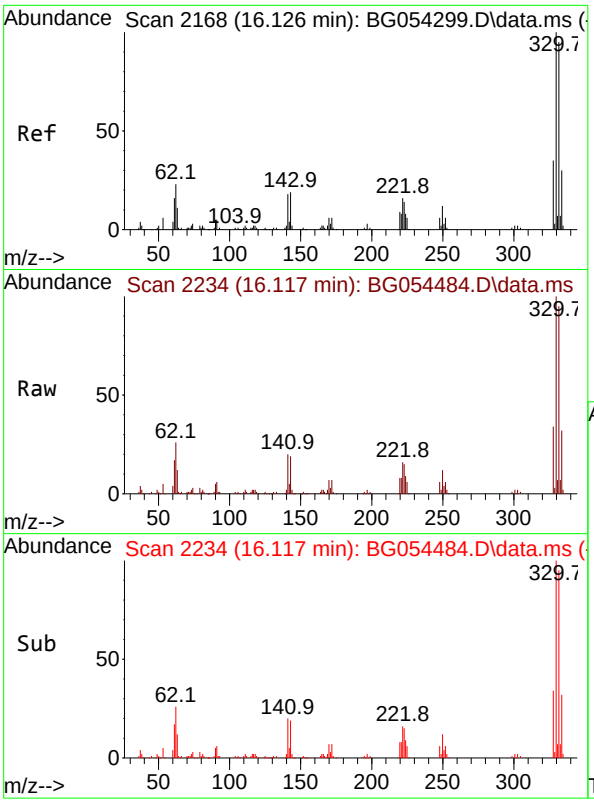


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.002 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion:164 Resp: 53806

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.3	123.5
160	45.6	34.2	51.2



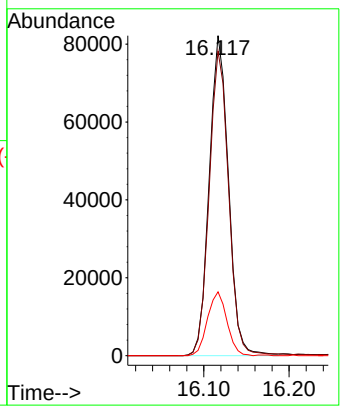


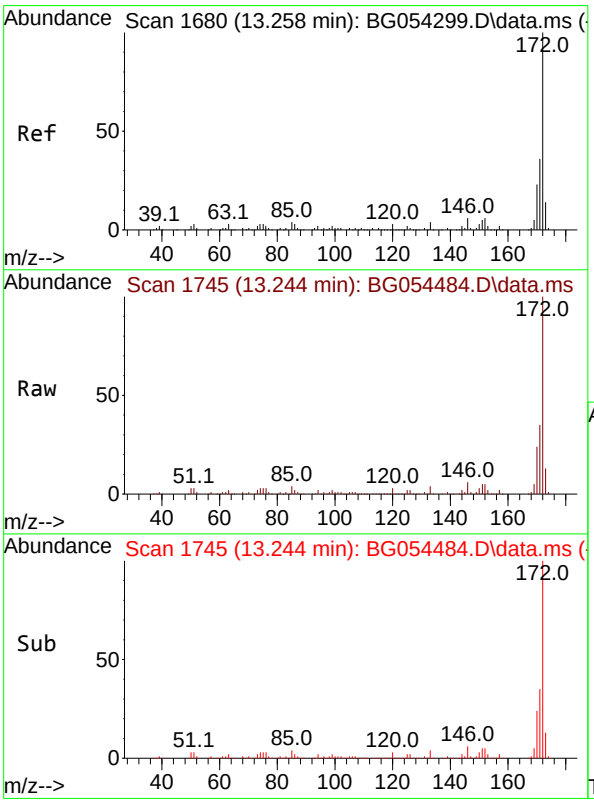
#42
2,4,6-Tribromophenol
Concen: 114.152 ng
RT: 16.117 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:330 Resp: 128960

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	20.0	27.1	40.7#

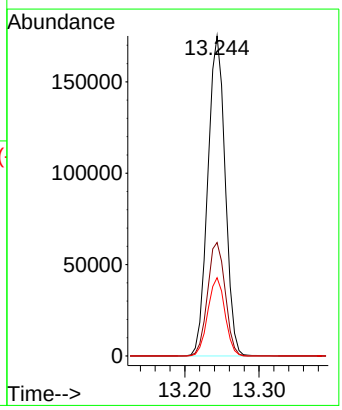


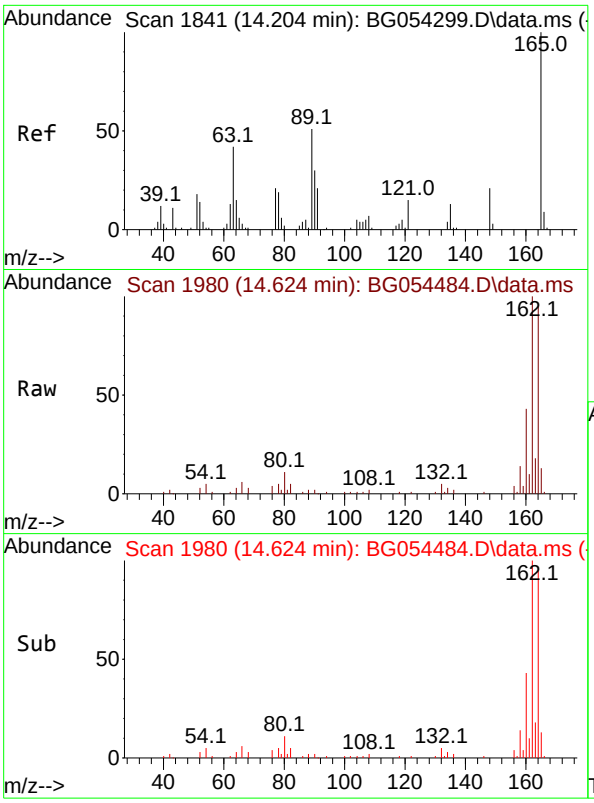


#45
2-Fluorobiphenyl
Concen: 74.561 ng
RT: 13.244 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion:172 Resp: 284385

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.4	18.9	28.3



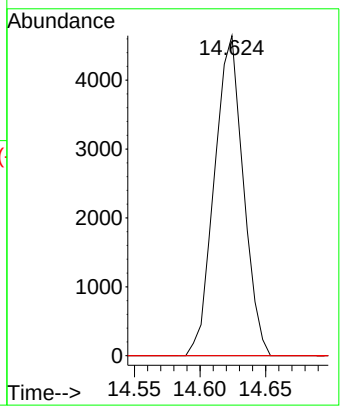


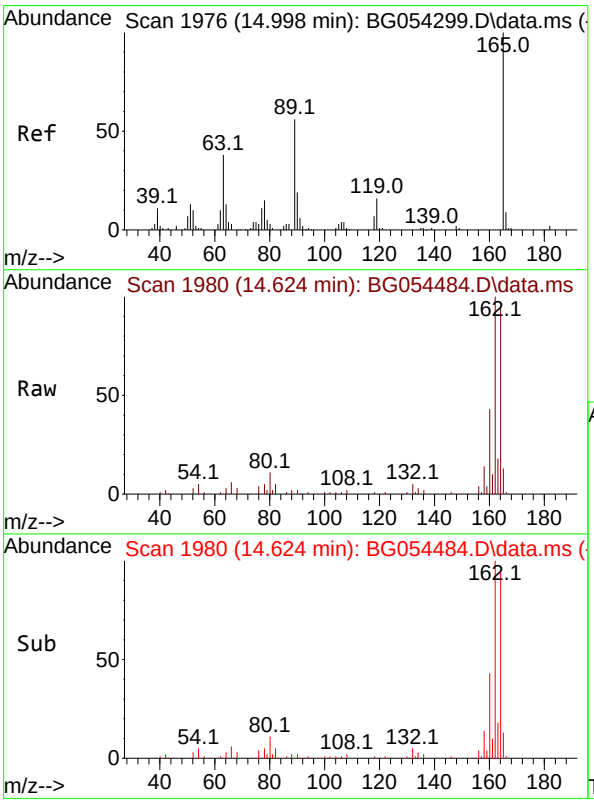
#51
2,6-Dinitrotoluene
Concen: 7.717 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.426 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:165 Resp: 7114

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

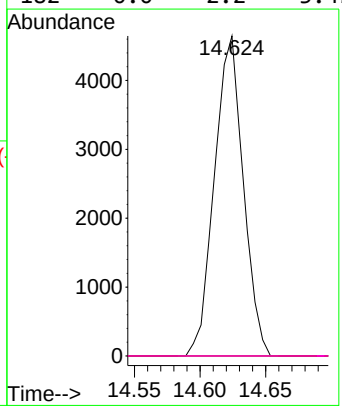


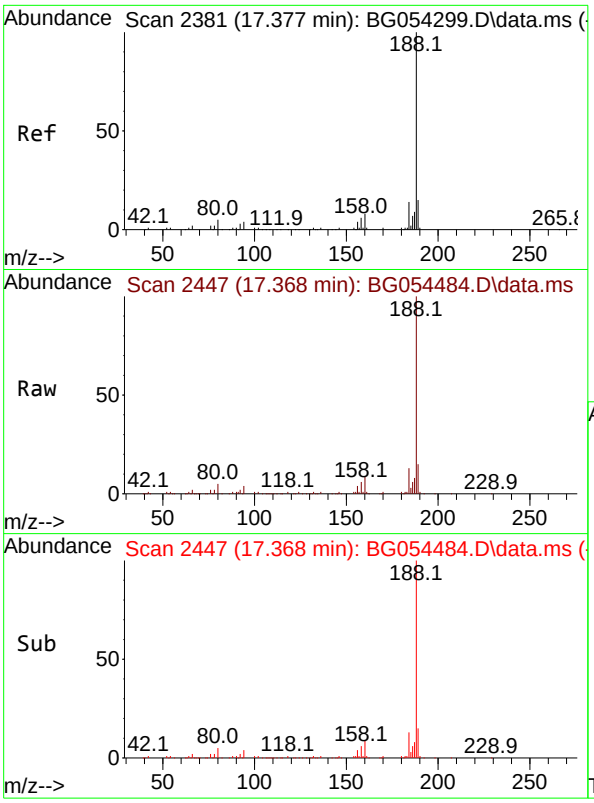


#57
2,4-Dinitrotoluene
Concen: 5.383 ng
RT: 14.624 min Scan# 1980
Delta R.T. -0.368 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion:165 Resp: 7114

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#



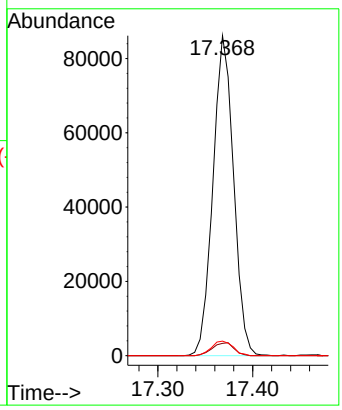


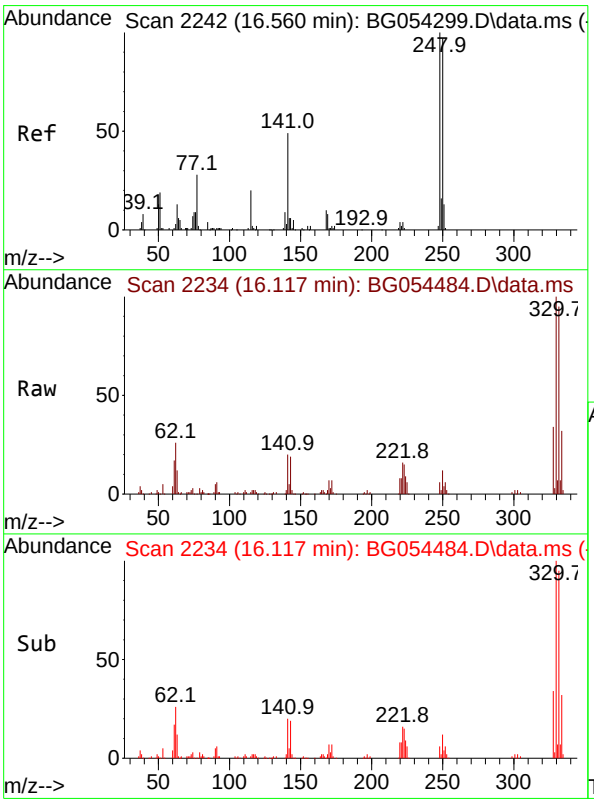
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:188 Resp: 130341

Ion	Ratio	Lower	Upper
188	100		
94	3.9	5.4	8.0#
80	4.6	6.8	10.2#

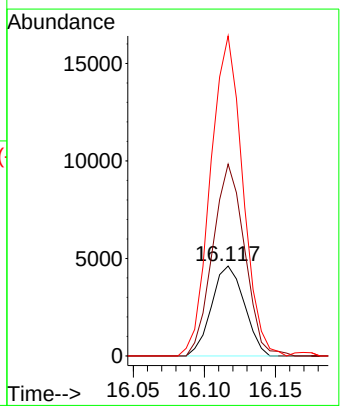


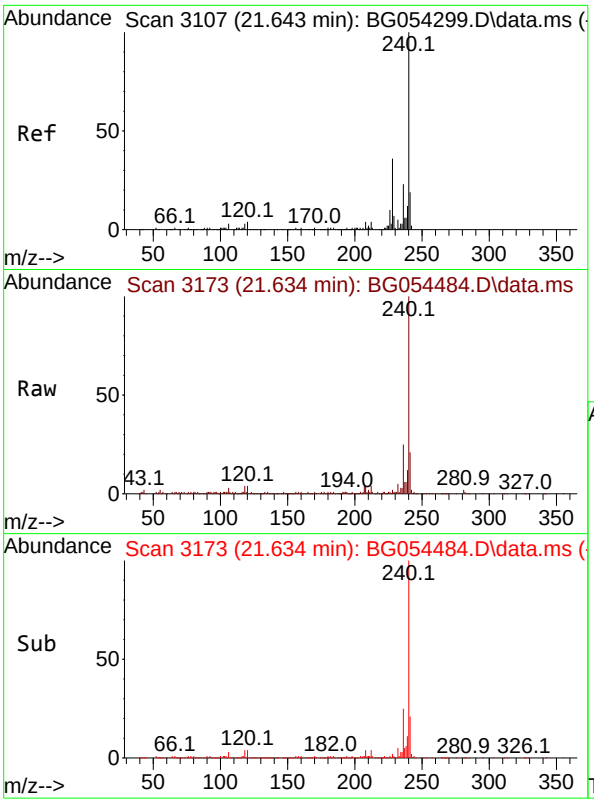


#67
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 16.117 min Scan# 2234
Delta R.T. -0.438 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion:248 Resp: 7398

Ion	Ratio	Lower	Upper
248	100		
250	213.2	75.2	112.8#
141	355.5	50.0	75.0#



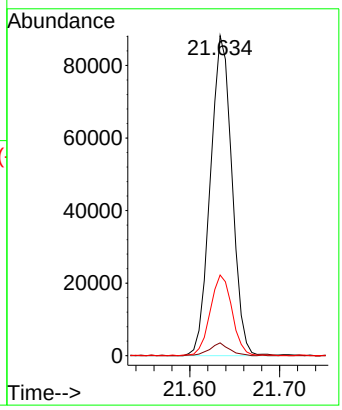


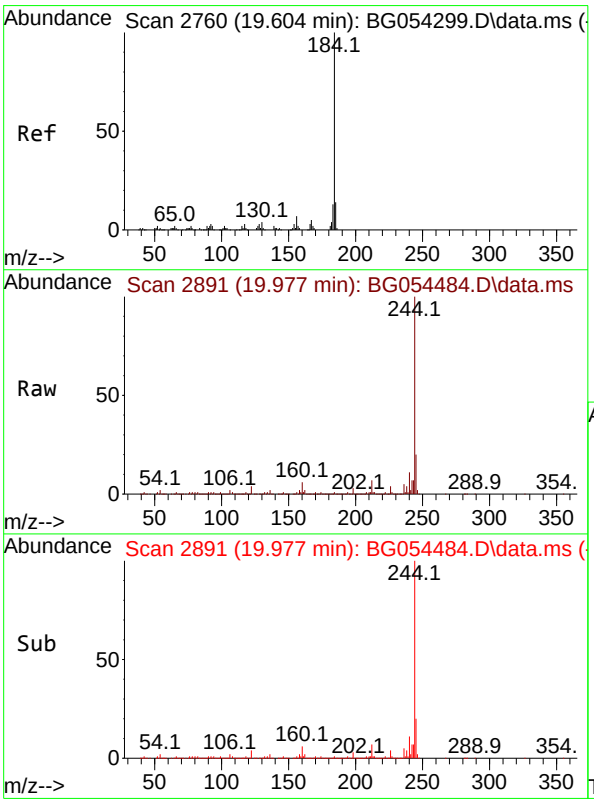
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:240 Resp: 147434

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.6	7.0#
236	25.2	20.2	30.4

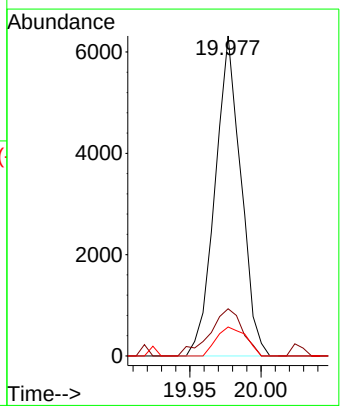


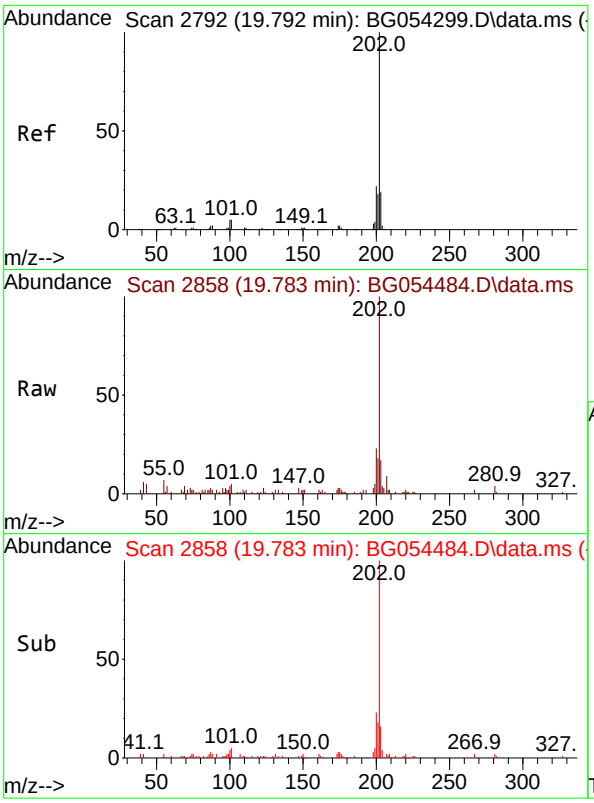


#77
Benzidine
Concen: 2.995 ng
RT: 19.977 min Scan# 2891
Delta R.T. 0.379 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion:184 Resp: 7998

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	9.1	8.9	13.3



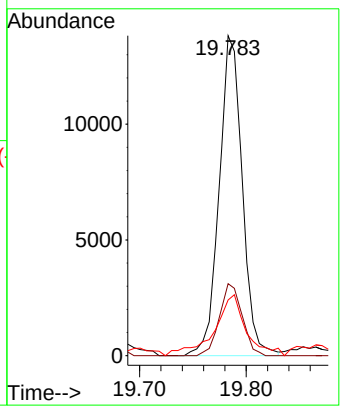


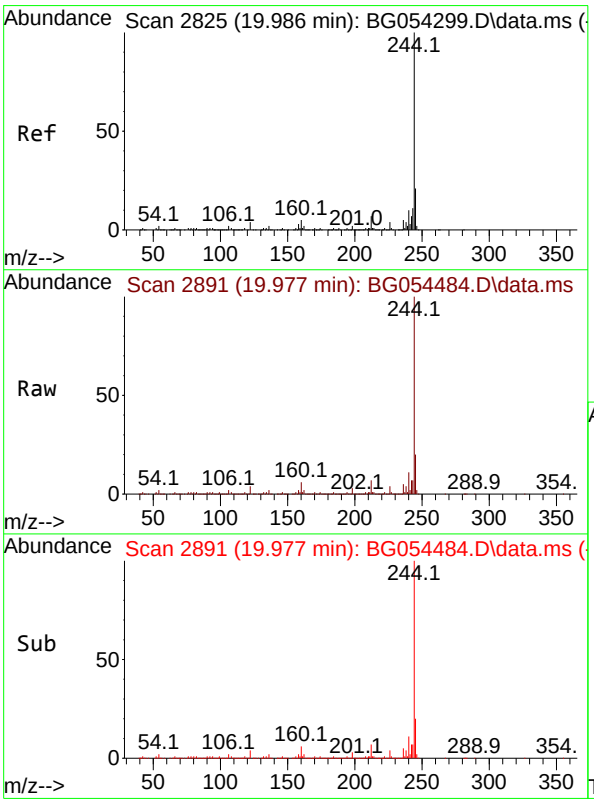
#78
Pyrene
Concen: 2.458 ng
RT: 19.783 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:202 Resp: 20792

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.6	24.8
203	17.4	14.6	21.8

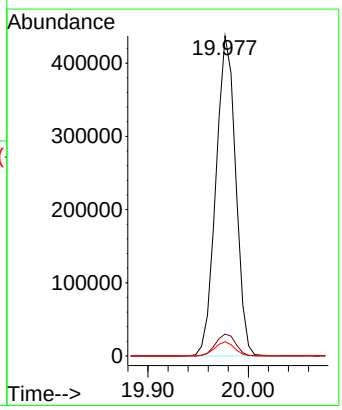


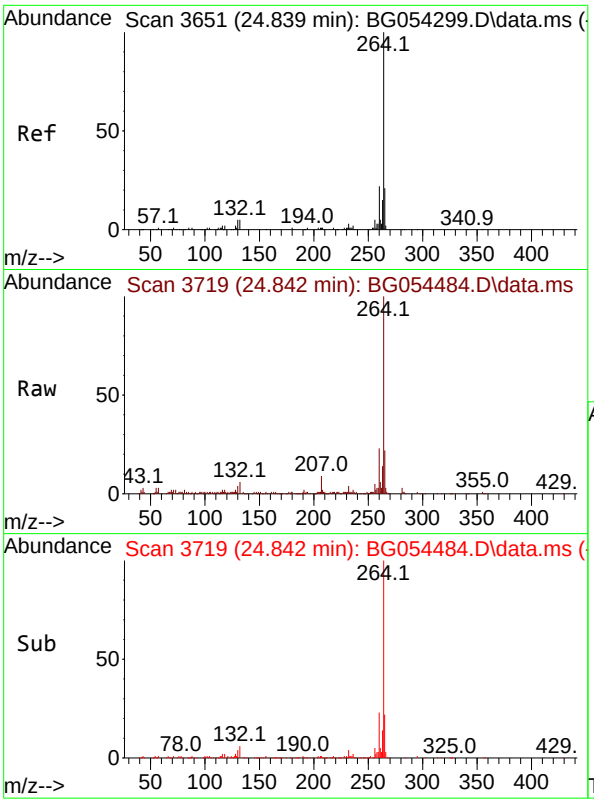


#79
Terphenyl-d14
Concen: 80.401 ng
RT: 19.977 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Tgt Ion:244 Resp: 597530

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	4.4	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.842 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG054484.D
Acq: 2 Aug 2022 15:27

Instrument :
BNA_G
ClientSampleId :
RVE-21

Tgt Ion:264 Resp: 158871

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	22.4	17.4	26.2