Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053655.D
Acq On : 20 May 2022 22:21
Operator : CG/JU
Sample : N2959-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
284

Quant Time: May 23 01:35:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	38614	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	153297	20.000	ng	0.00
39) Acenaphthene-d10	14.697	164	106117	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	215350	20.000	ng	0.00
76) Chrysene-d12	21.722	240	190778	20.000	ng	#-0.01
86) Perylene-d12	25.000	264	188695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	229391	100.820	ng	0.00
7) Phenol-d6	7.242	99	345649	100.100	ng	0.00
23) Nitrobenzene-d5	9.233	82	243275	67.554	ng	0.00
42) 2,4,6-Tribromophenol	16.189	330	137363	87.766	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	522407	71.938	ng	0.00
79) Terphenyl-d14	20.048	244	722645	70.548	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.233	70	34236	13.819	ng	# 79
51) 2,6-Dinitrotoluene	14.697	165	14124	8.597	ng	# 19
57) 2,4-Dinitrotoluene	14.697	165	14124	5.931	ng	# 24
67) 4-Bromophenyl-phenylether	16.189	248	9270	3.686	ng	# 1
70) Pentachlorophenol	17.434	266	65	4.691	ng	# 16
77) Benzidine	20.042	184	13270	3.227	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
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Operator : CG/JU
Sample : N2959-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: May 23 01:35:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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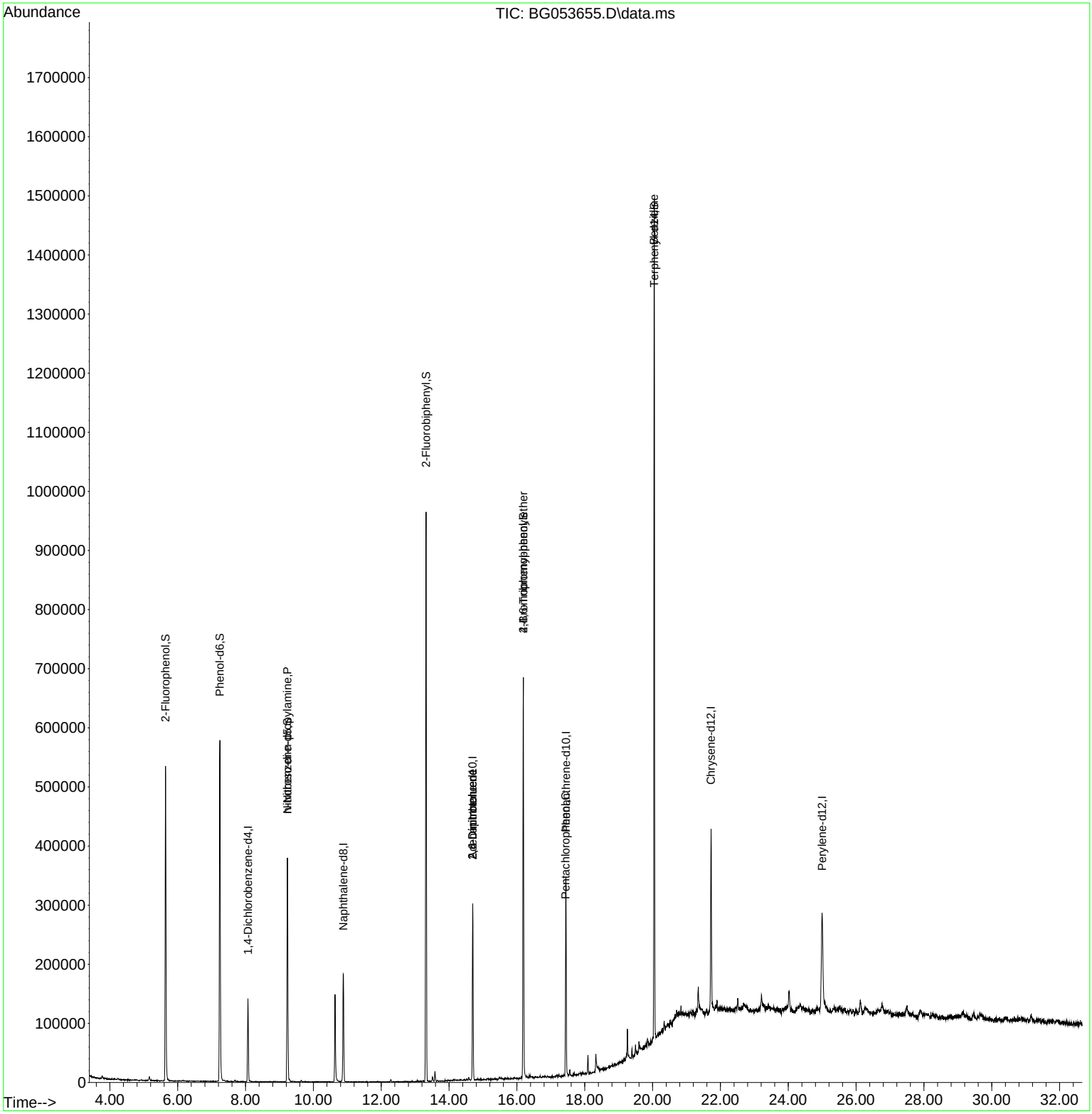
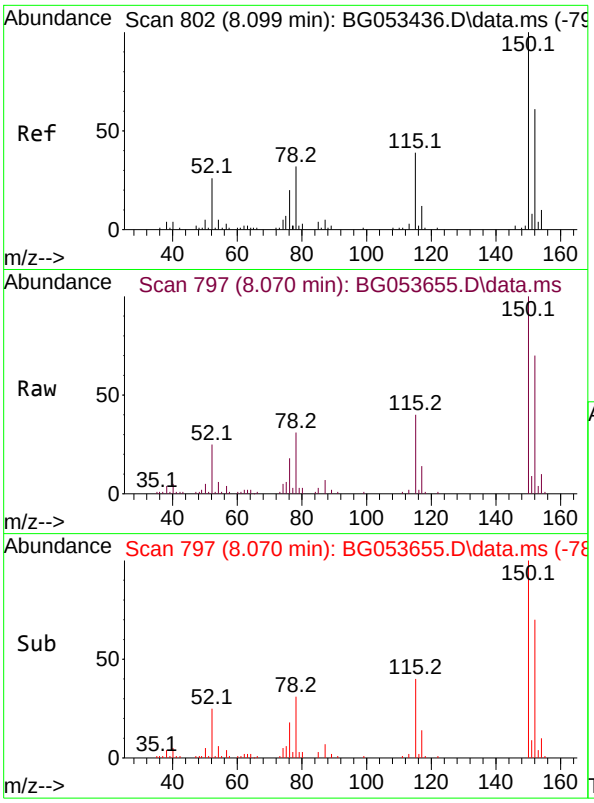


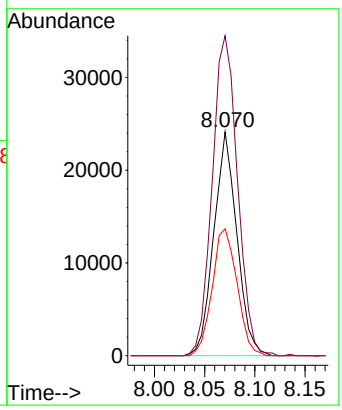


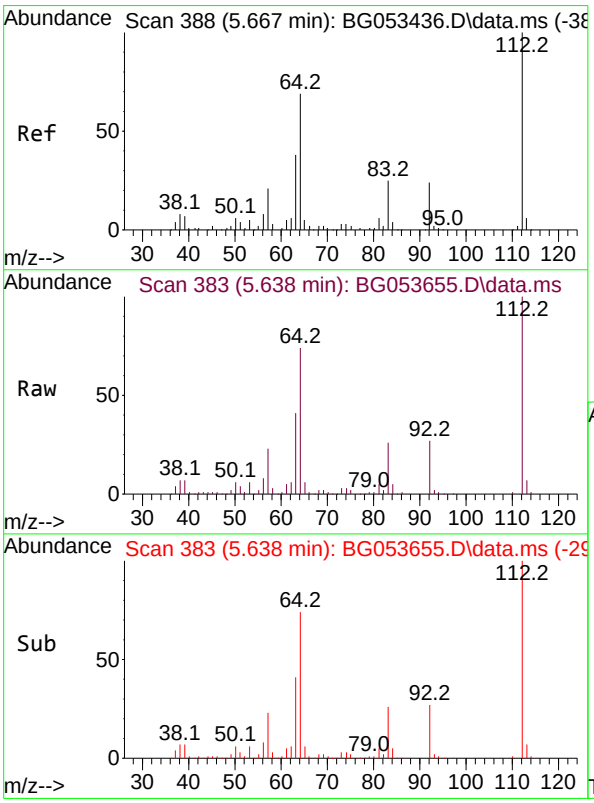
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:152 Resp: 38614

Ion	Ratio	Lower	Upper
152	100		
150	143.1	131.6	197.4
115	56.7	50.9	76.3

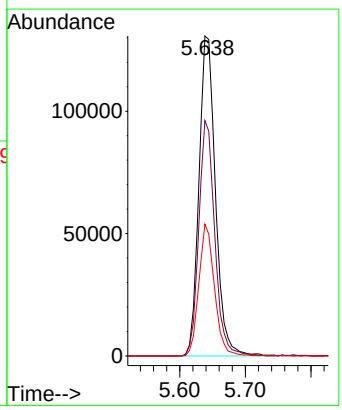


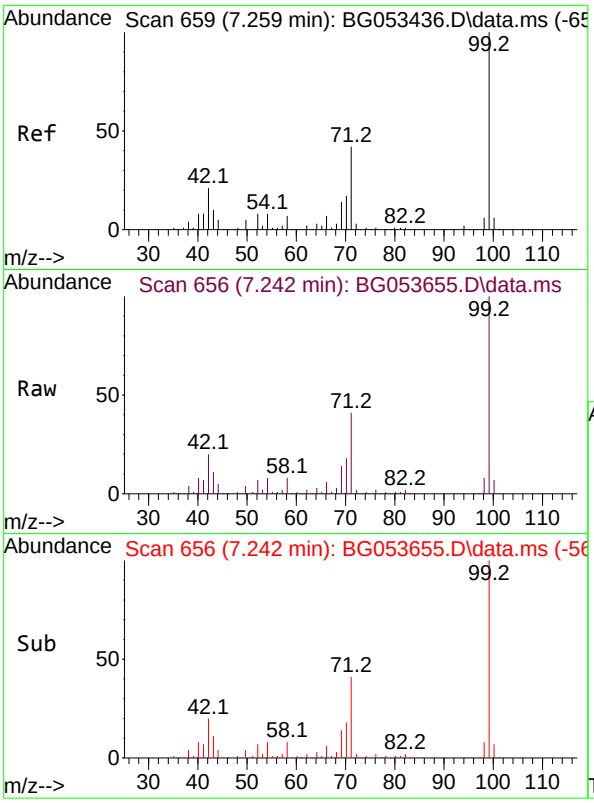


#5
2-Fluorophenol
Concen: 100.820 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:112 Resp: 229391

Ion	Ratio	Lower	Upper
112	100		
64	73.6	55.1	82.7
63	41.2	30.4	45.6



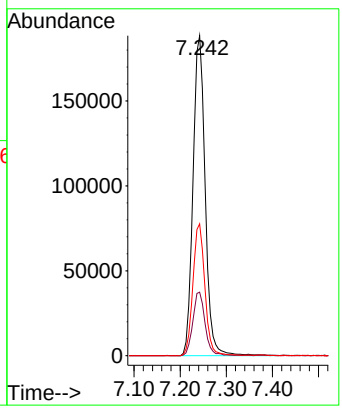


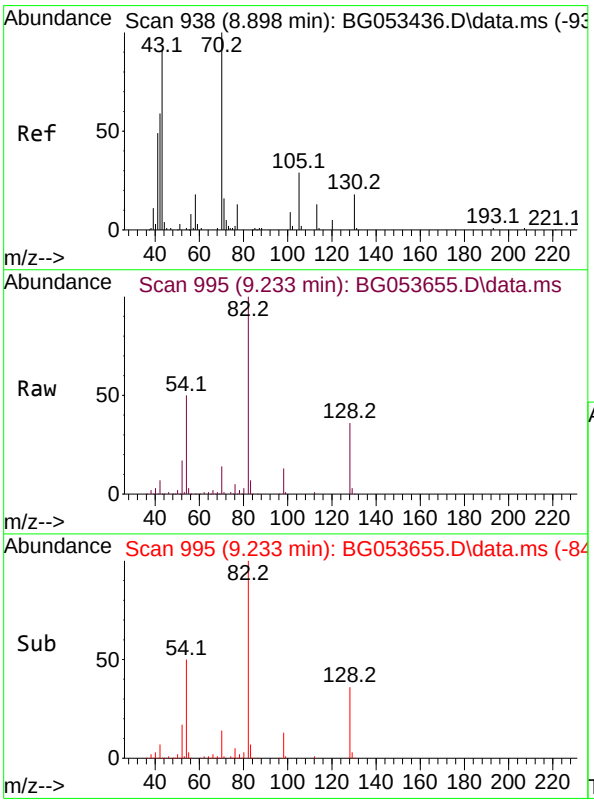
#7
Phenol-d6
Concen: 100.100 ng
RT: 7.242 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion: 99 Resp: 345649

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.0	25.6
71	41.2	33.8	50.8

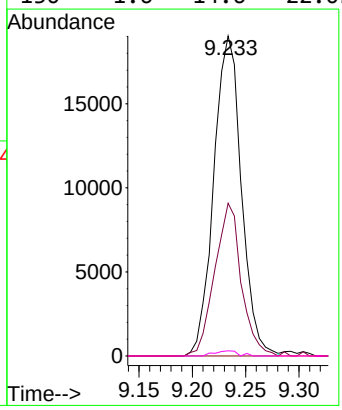


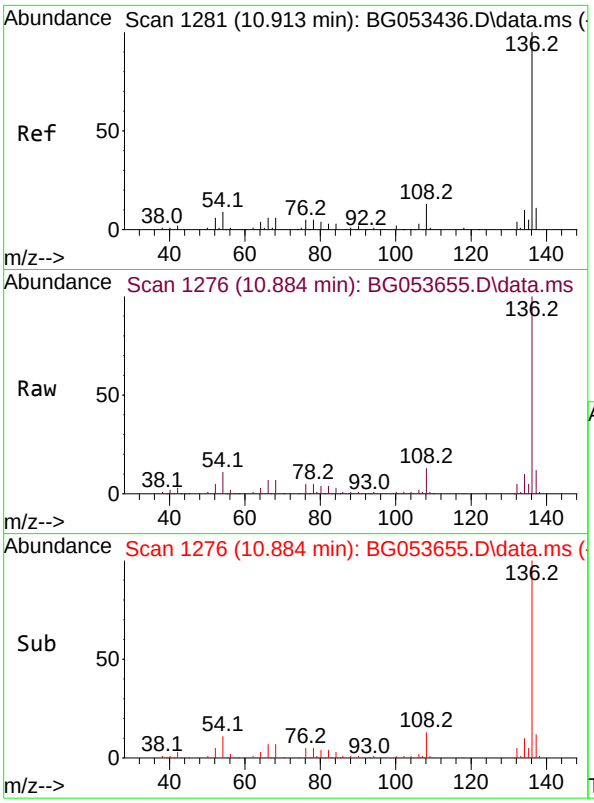


#19
n-Nitroso-di-n-propylamine
Concen: 13.819 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.354 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion: 70 Resp: 34236

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.3	70.9
101	0.0	7.0	10.4#
130	1.6	14.6	22.0#



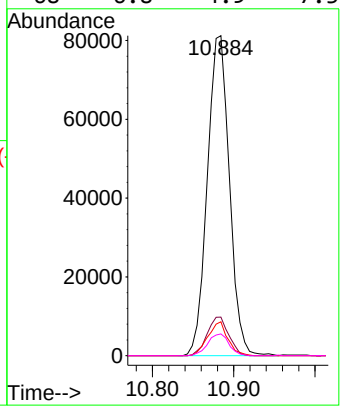


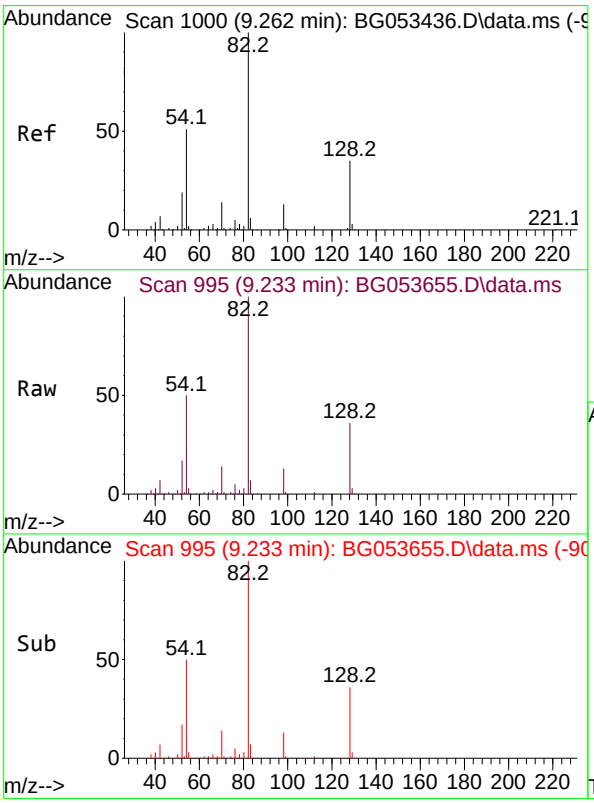
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:136 Resp: 153297

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.5	12.7
54	10.6	7.4	11.2
68	6.8	4.9	7.3

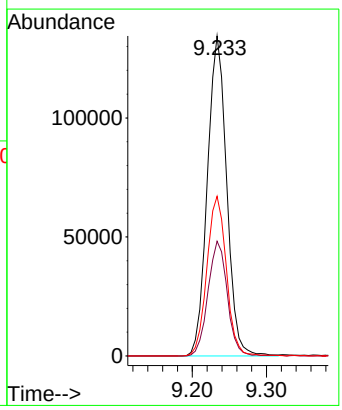


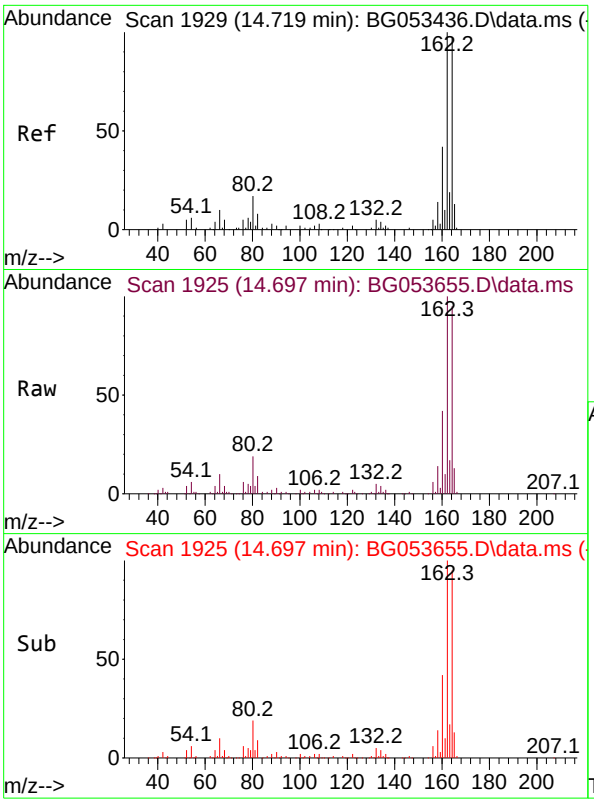


#23
Nitrobenzene-d5
Concen: 67.554 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion: 82 Resp: 243275

Ion	Ratio	Lower	Upper
82	100		
128	35.8	27.9	41.9
54	49.9	41.2	61.8



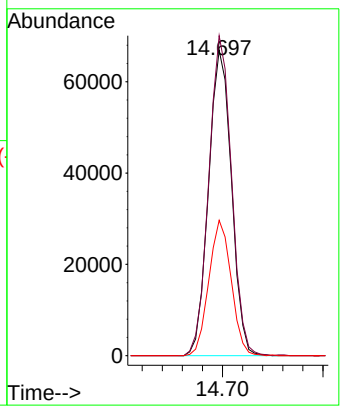


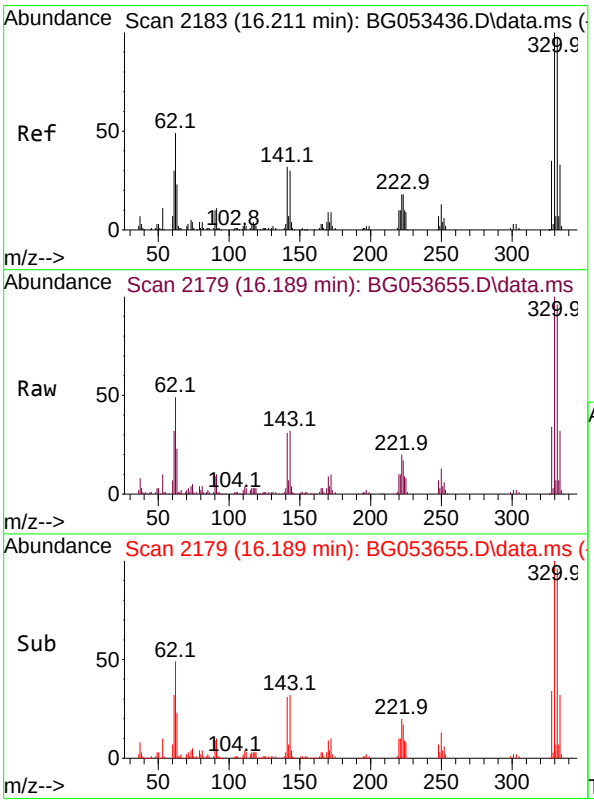
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.697 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:164 Resp: 106117

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.3	123.5
160	44.3	34.2	51.2

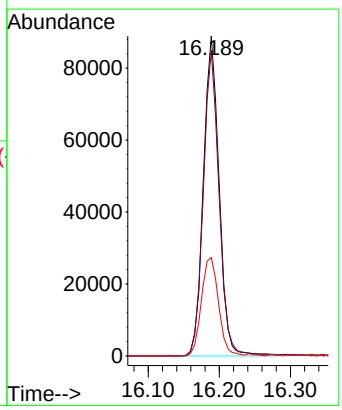


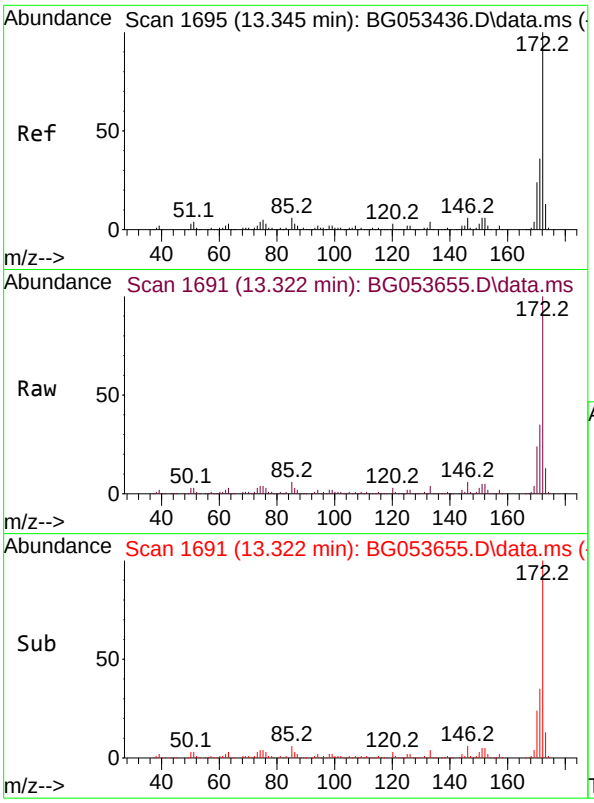


#42
2,4,6-Tribromophenol
Concen: 87.766 ng
RT: 16.189 min Scan# 2179
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:330 Resp: 137363

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	33.3	27.1	40.7



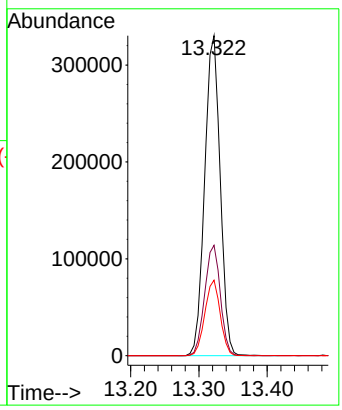


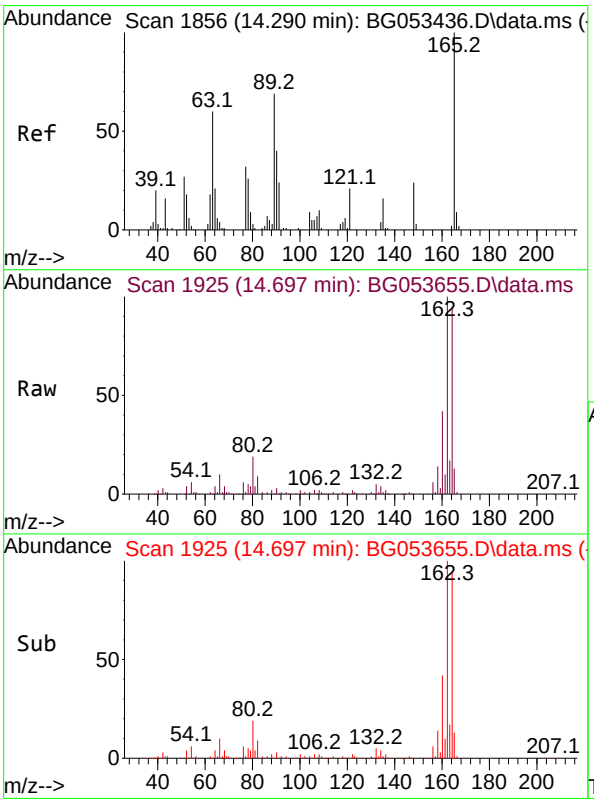
#45
2-Fluorobiphenyl
Concen: 71.938 ng
RT: 13.322 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:172 Resp: 522407

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.6	18.9	28.3

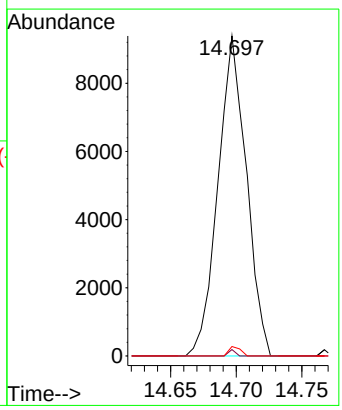


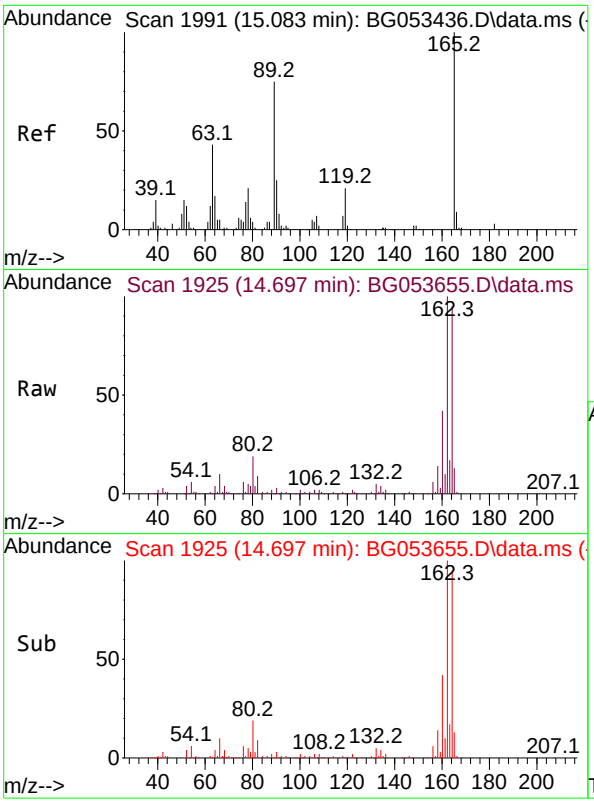


#51
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 14.697 min Scan# 1925
Delta R.T. 0.424 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:165 Resp: 14124

Ion	Ratio	Lower	Upper
165	100		
63	2.0	54.1	81.1#
89	2.9	54.8	82.2#



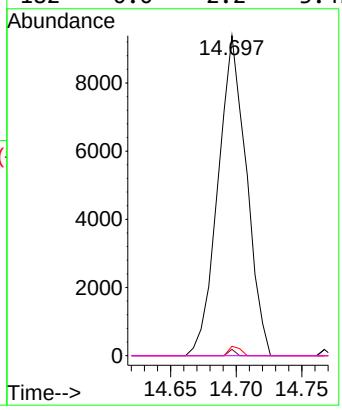


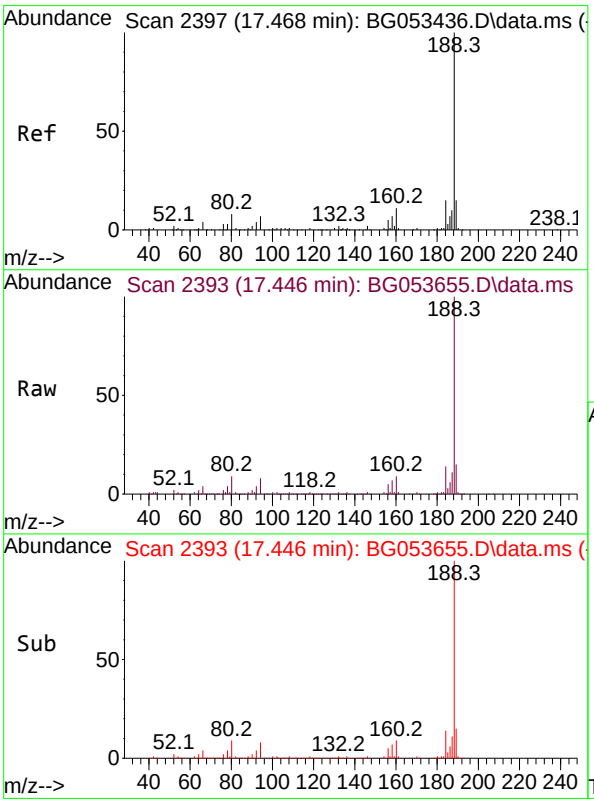
#57
2,4-Dinitrotoluene
Concen: 5.931 ng
RT: 14.697 min Scan# 1
Delta R.T. -0.369 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:165 Resp: 14124

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.6	52.0#
89	2.9	60.3	90.5#
182	0.0	2.2	3.4#

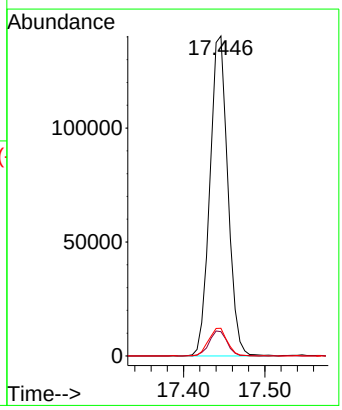


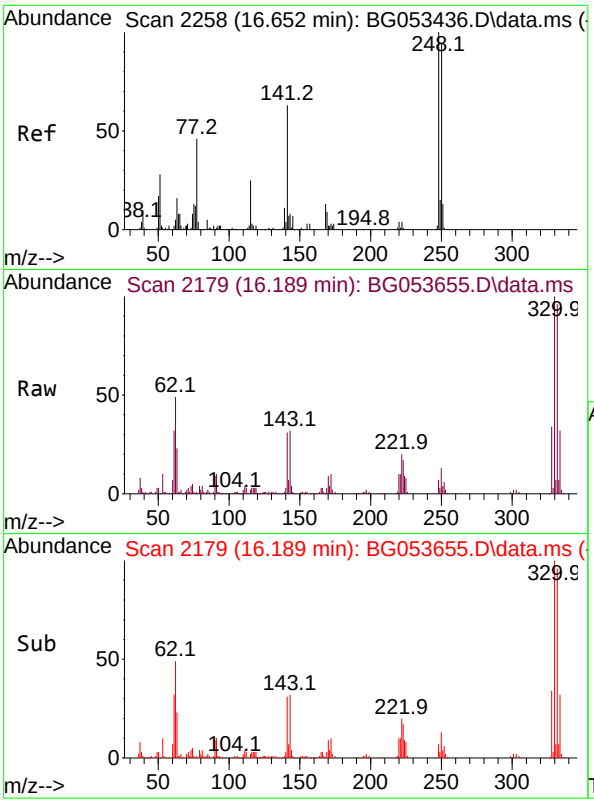


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.446 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:188 Resp: 215350

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.4	8.0
80	8.7	6.8	10.2



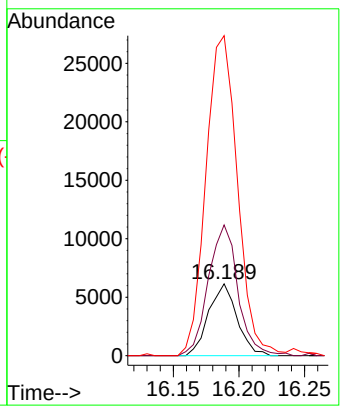


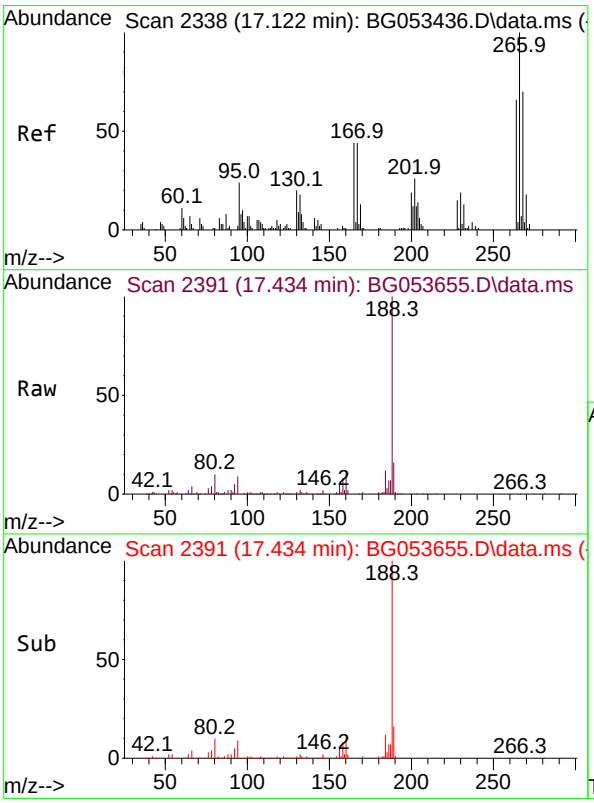
#67
4-Bromophenyl-phenylether
Concen: 3.686 ng
RT: 16.189 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:248 Resp: 9270

Ion	Ratio	Lower	Upper
248	100		
250	181.8	75.2	112.8#
141	445.1	50.0	75.0#

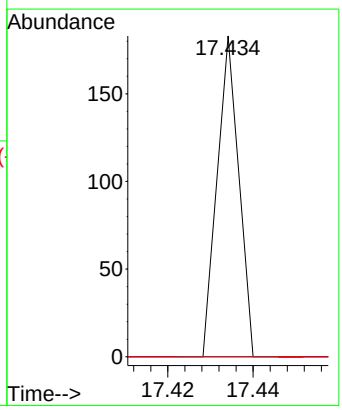


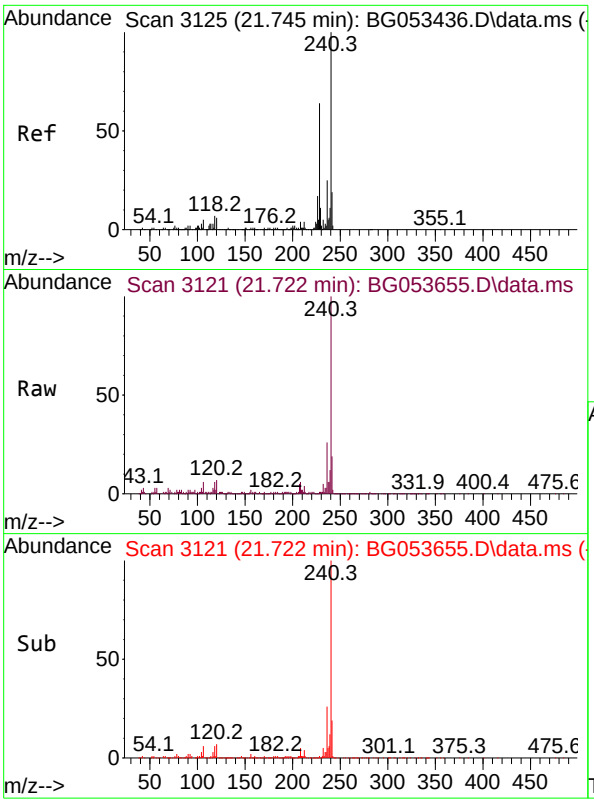


#70
Pentachlorophenol
Concen: 4.691 ng
RT: 17.434 min Scan# 2391
Delta R.T. 0.324 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
268	0.0	56.2	84.2#
264	0.0	53.0	79.4#



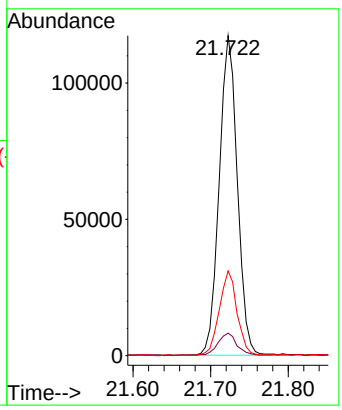


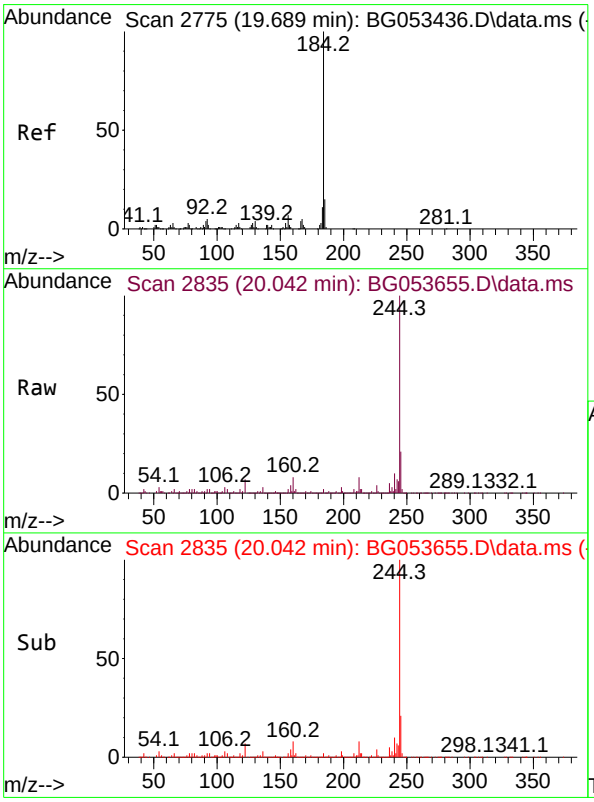
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:240 Resp: 190778

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.6	7.0#
236	26.5	20.2	30.4

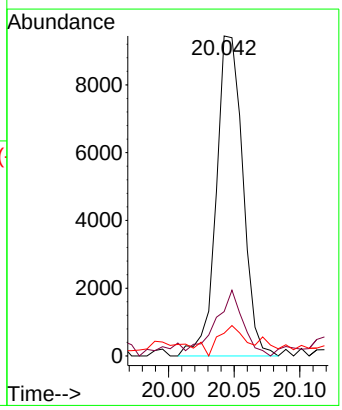


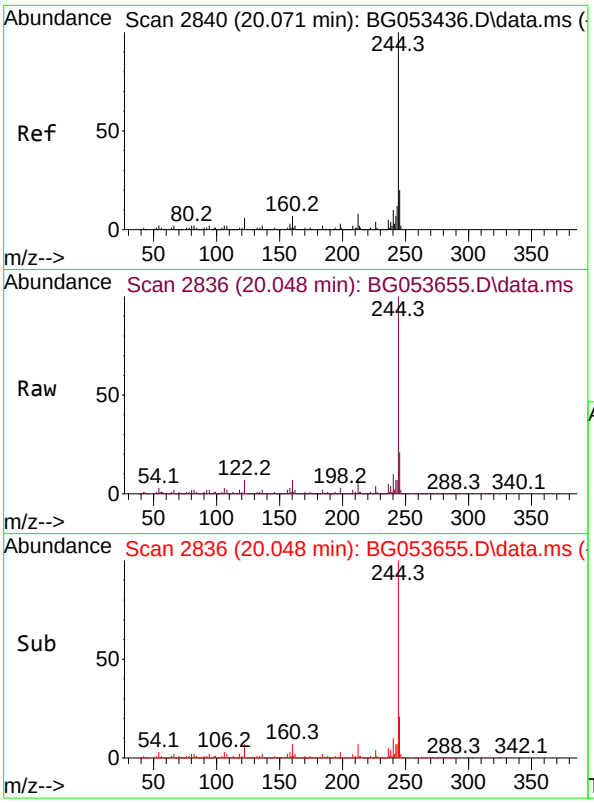


#77
Benzidine
Concen: 3.227 ng
RT: 20.042 min Scan# 2835
Delta R.T. 0.371 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:184 Resp: 13270

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.6
183	7.1	8.9	13.3#



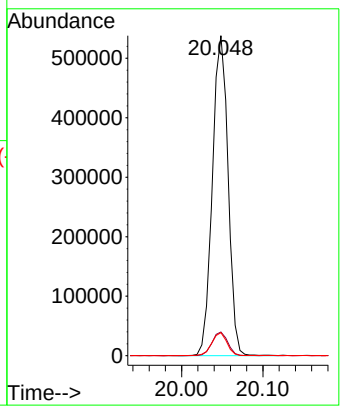


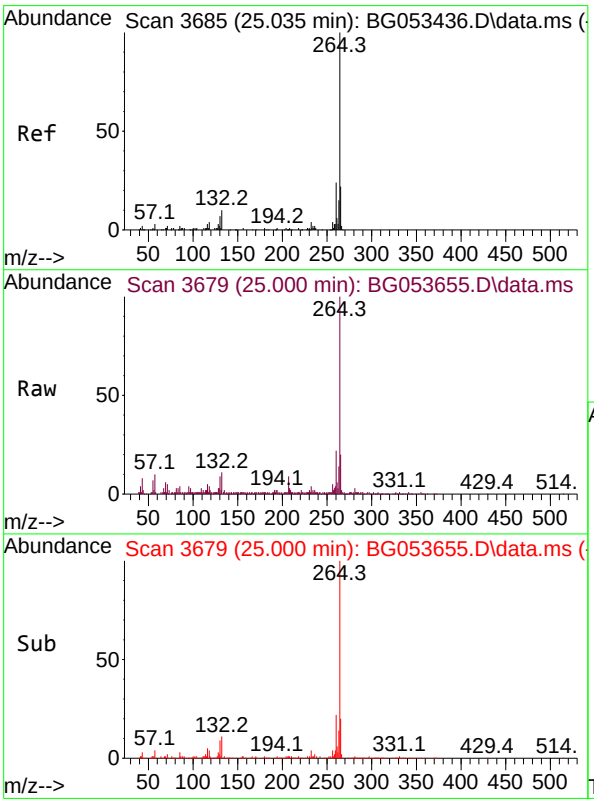
#79
Terphenyl-d14
Concen: 70.548 ng
RT: 20.048 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:244 Resp: 722645

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3679
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:264 Resp: 188695

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.6
265	20.3	17.4	26.2