Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
Data File : BG053482.D
Acq On : 6 May 2022 20:09
Operator : CG/JU
Sample : N2703-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-29D

Quant Time: May 06 22:53:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	17911	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	74609	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	59797	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	168580	20.000	ng	-0.01
76) Chrysene-d12	21.740	240	187075	20.000	ng	0.00
86) Perylene-d12	25.018	264	184037	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	160953	152.509	ng	-0.01
7) Phenol-d6	7.253	99	223369	139.459	ng	0.00
23) Nitrobenzene-d5	9.251	82	180457	102.960	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	133712	151.612	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	397958	97.250	ng	0.00
79) Terphenyl-d14	20.060	244	1008009	100.355	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.257	70	25852	22.496	ng	# 76
41) Hexachlorocyclopentadiene	12.605	237	59	8.905	ng	# 26
51) 2,6-Dinitrotoluene	14.708	165	7891	8.524	ng	# 16
57) 2,4-Dinitrotoluene	14.708	165	7891	5.880	ng	# 21
67) 4-Bromophenyl-phenylether	16.200	248	8115	4.122	ng	# 1
77) Benzidine	20.060	184	17156	4.255	ng	# 94

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

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QLast Update : Thu May 05 02:13:53 2022
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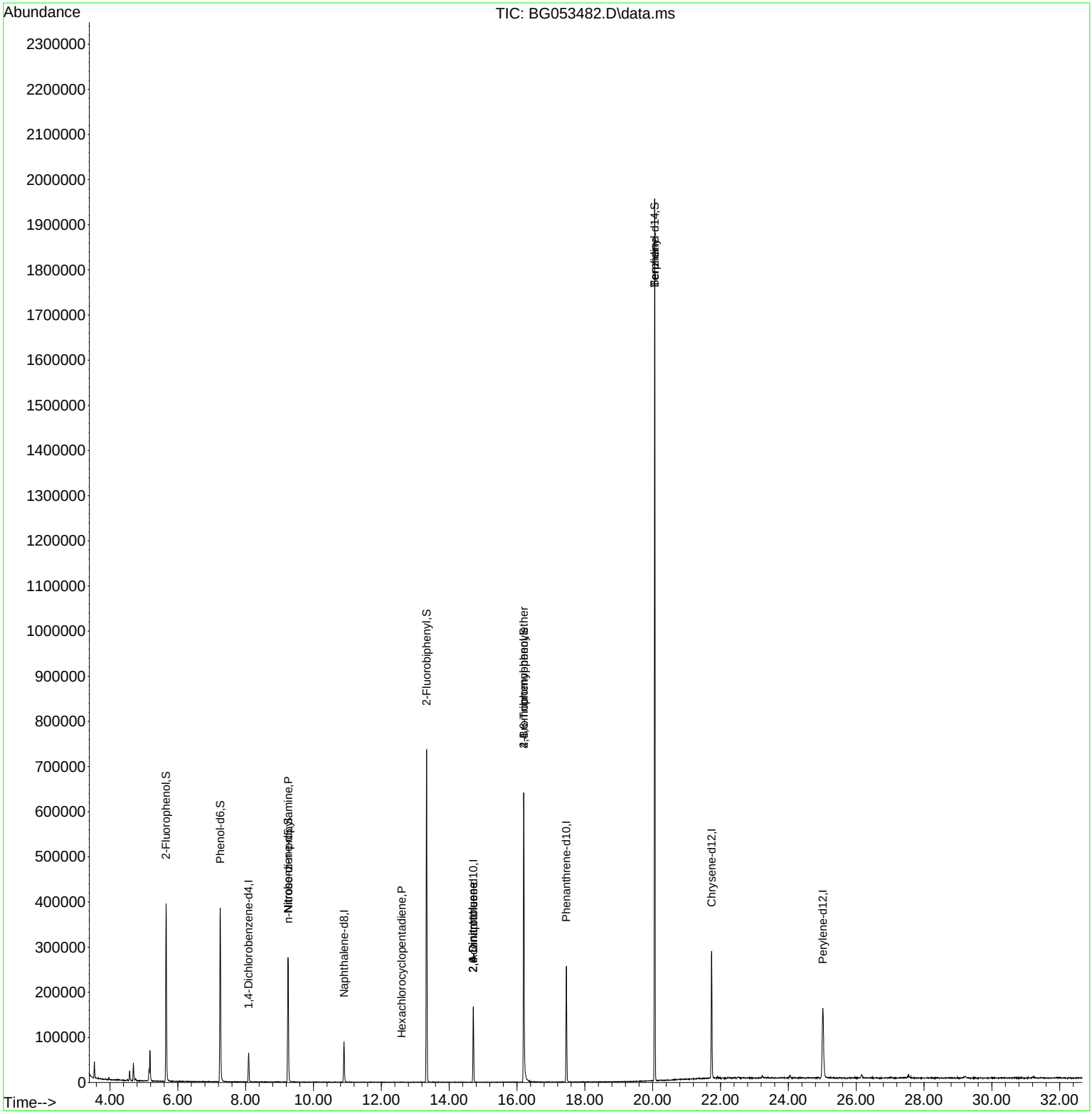
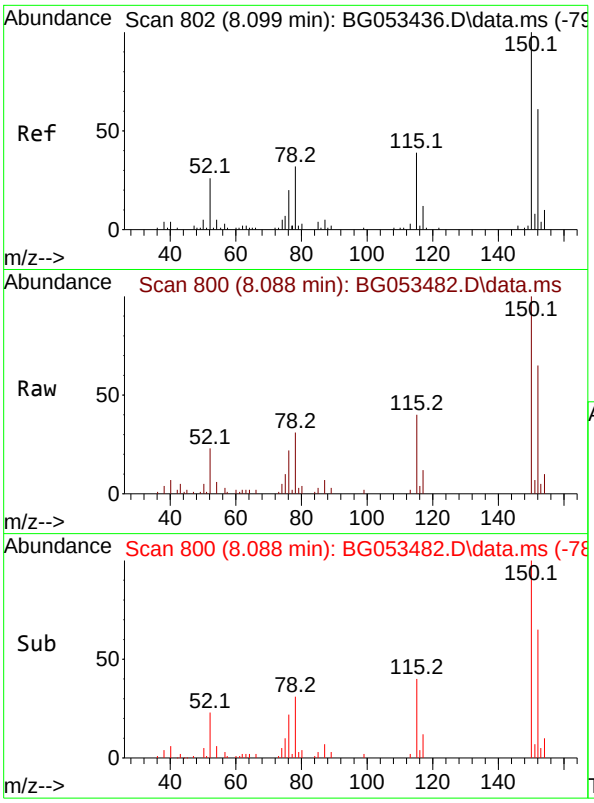


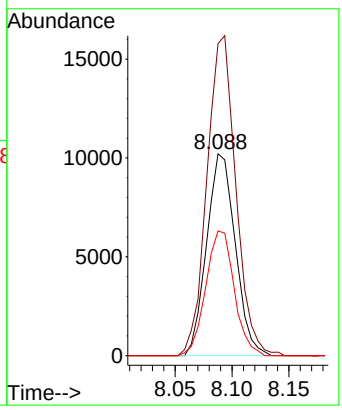


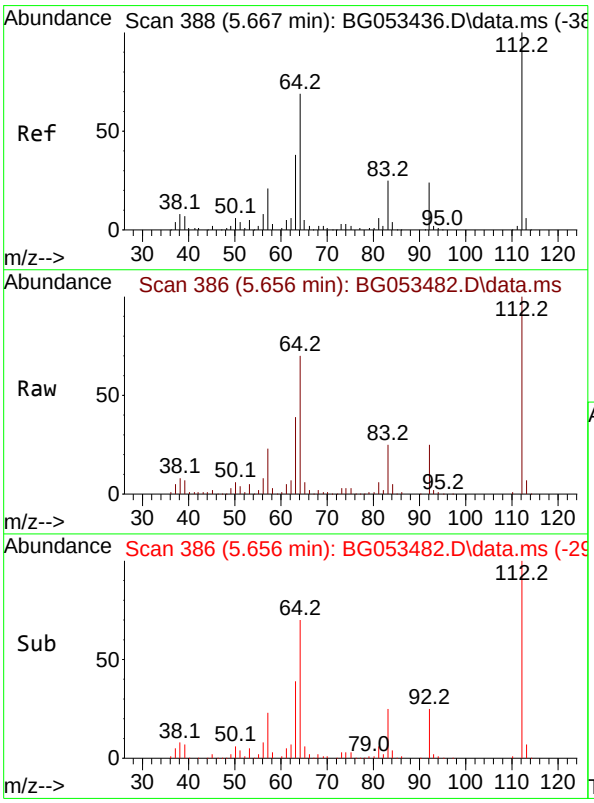
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 8(
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:152 Resp: 17911

Ion	Ratio	Lower	Upper
152	100		
150	154.7	131.6	197.4
115	61.8	50.9	76.3

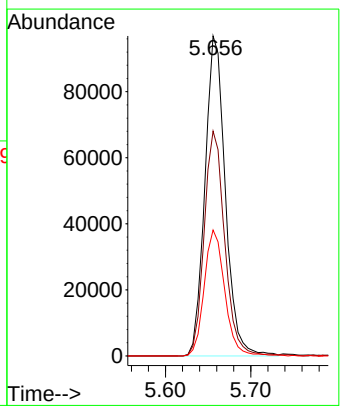


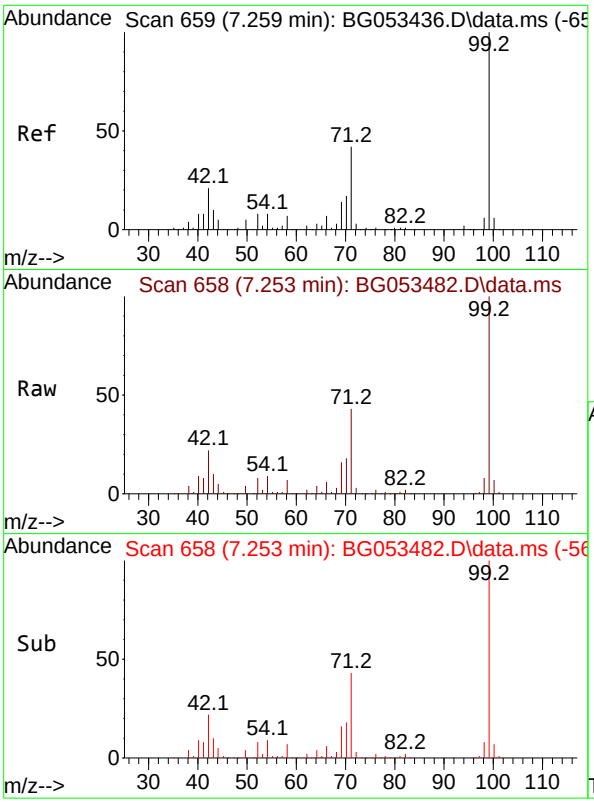


#5
2-Fluorophenol
Concen: 152.509 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:112 Resp: 160953

Ion	Ratio	Lower	Upper
112	100		
64	70.3	55.1	82.7
63	39.4	30.4	45.6



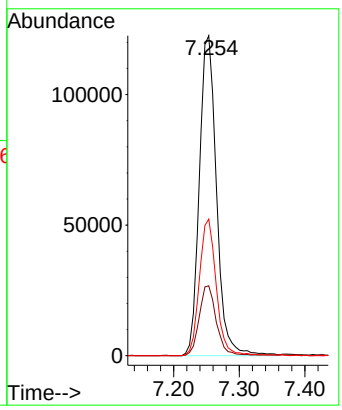


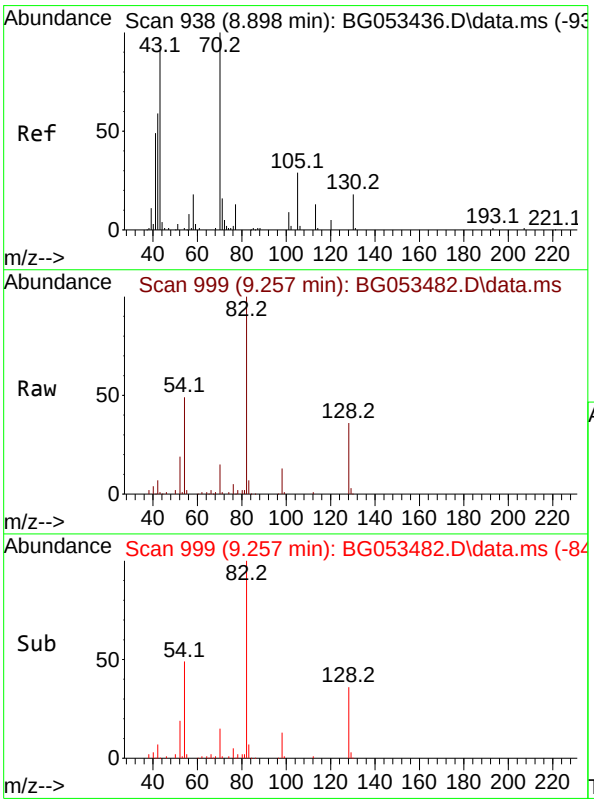
#7
Phenol-d6
Concen: 139.459 ng
RT: 7.253 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion: 99 Resp: 223369

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.0	25.6
71	42.7	33.8	50.8

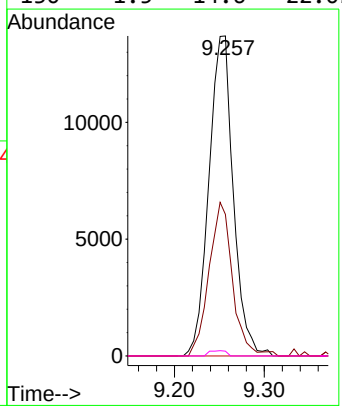


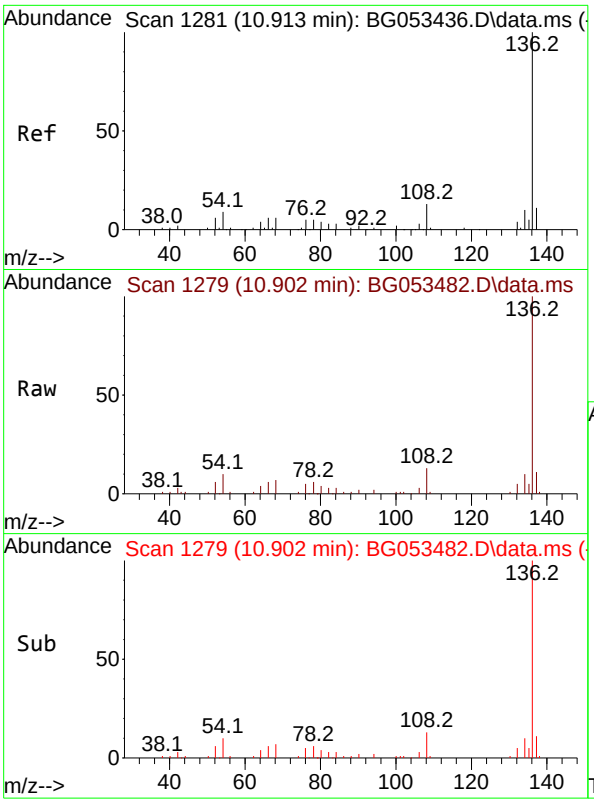


#19
n-Nitroso-di-n-propylamine
Concen: 22.496 ng
RT: 9.257 min Scan# 999
Delta R.T. 0.359 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion: 70 Resp: 25852

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.3	70.9#
101	0.0	7.0	10.4#
130	1.5	14.6	22.0#



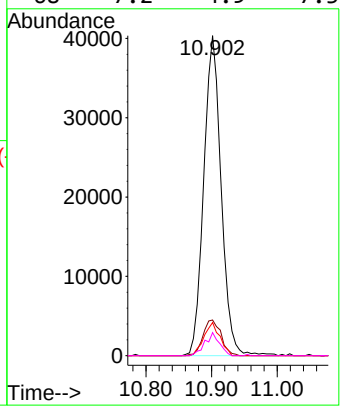


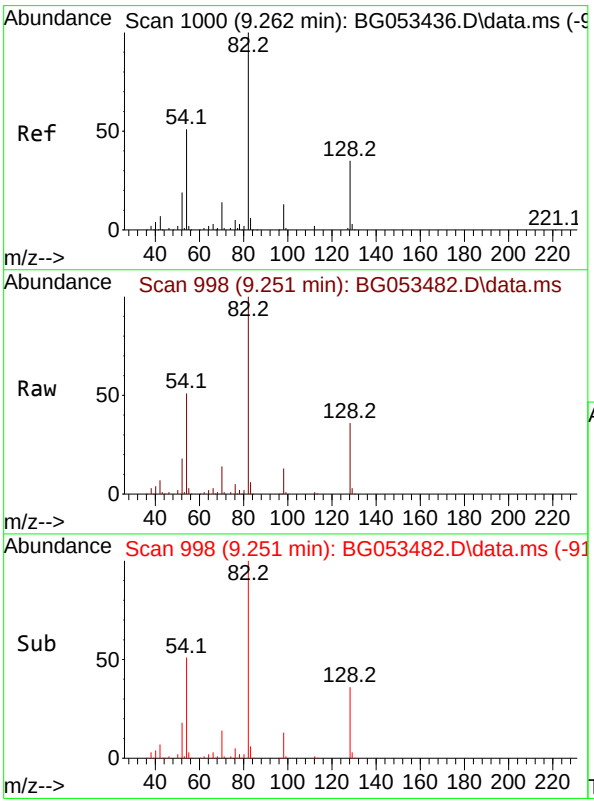
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:136 Resp: 74609

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.3	7.4	11.2
68	7.2	4.9	7.3

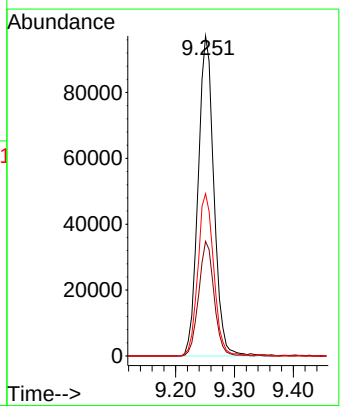


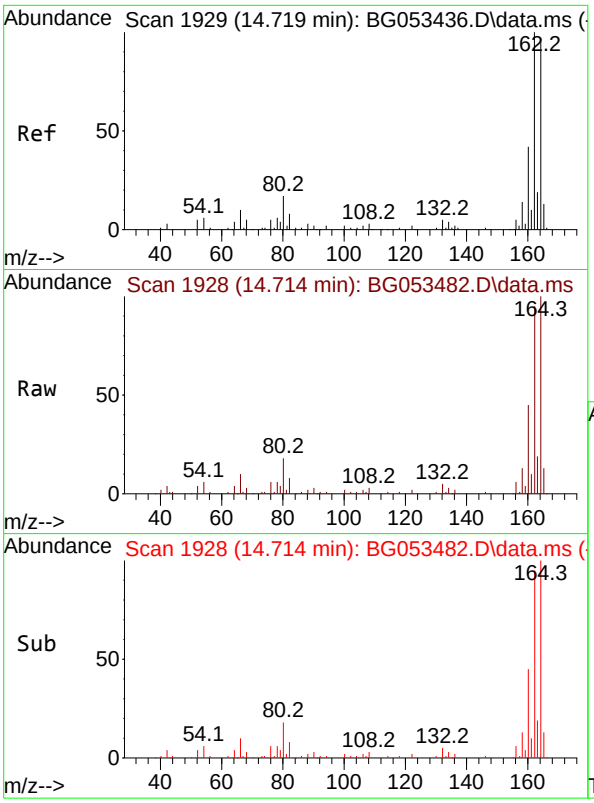


#23
Nitrobenzene-d5
Concen: 102.960 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion: 82 Resp: 180457

Ion	Ratio	Lower	Upper
82	100		
128	35.8	27.9	41.9
54	50.7	41.2	61.8



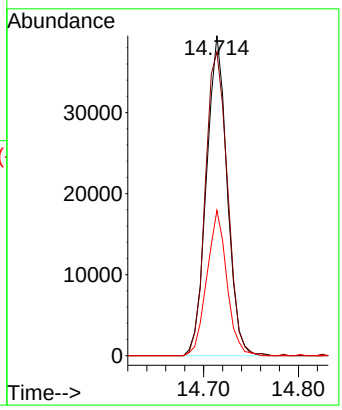


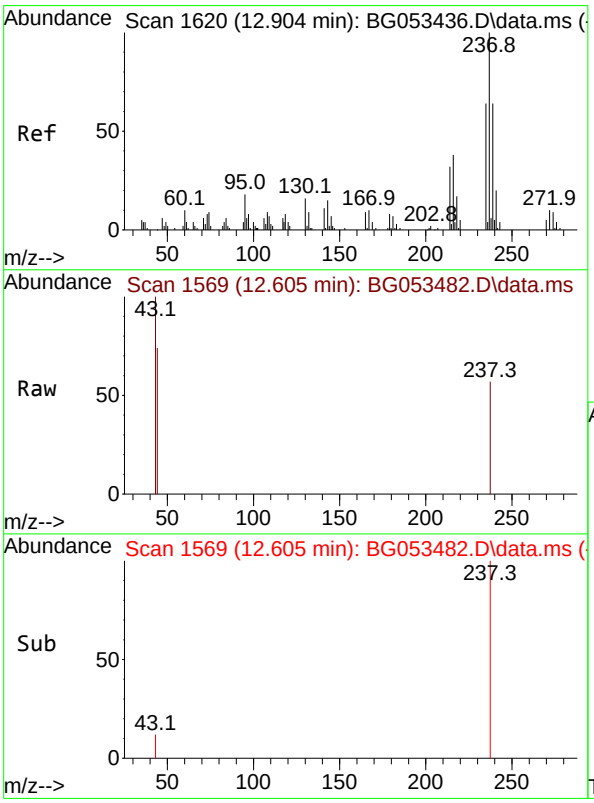
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:164 Resp: 59797

Ion	Ratio	Lower	Upper
164	100		
162	95.0	82.3	123.5
160	45.4	34.2	51.2

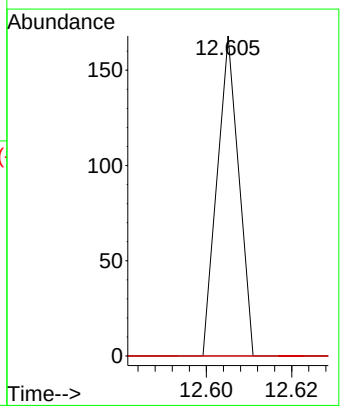


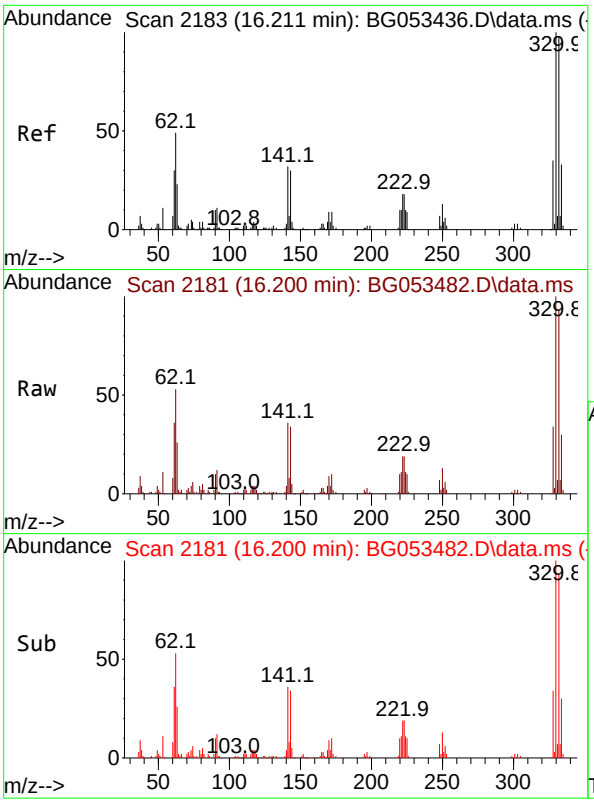


#41
Hexachlorocyclopentadiene
Concen: 8.905 ng
RT: 12.605 min Scan# 1569
Delta R.T. -0.299 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:237 Resp: 59

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.5	83.5#
272	0.0	0.0	30.1



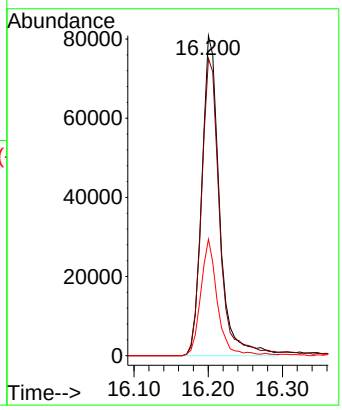


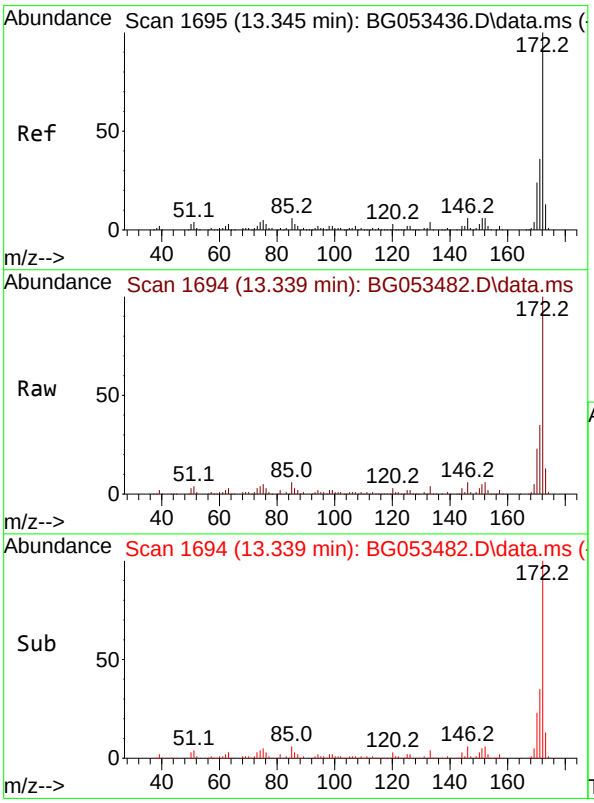
#42
2,4,6-Tribromophenol
Concen: 151.612 ng
RT: 16.200 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:330 Resp: 133712

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.0	114.0
141	34.1	27.1	40.7

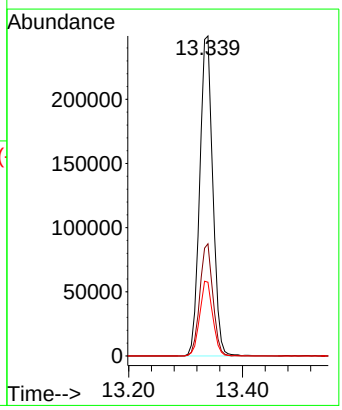


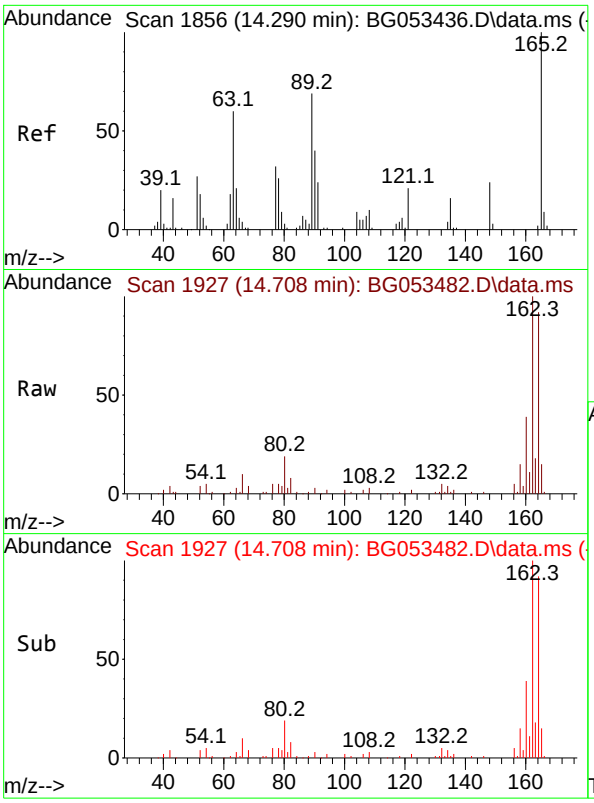


#45
2-Fluorobiphenyl
Concen: 97.250 ng
RT: 13.339 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:172 Resp: 397958

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.0	18.9	28.3



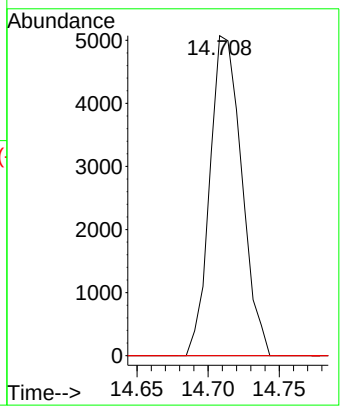


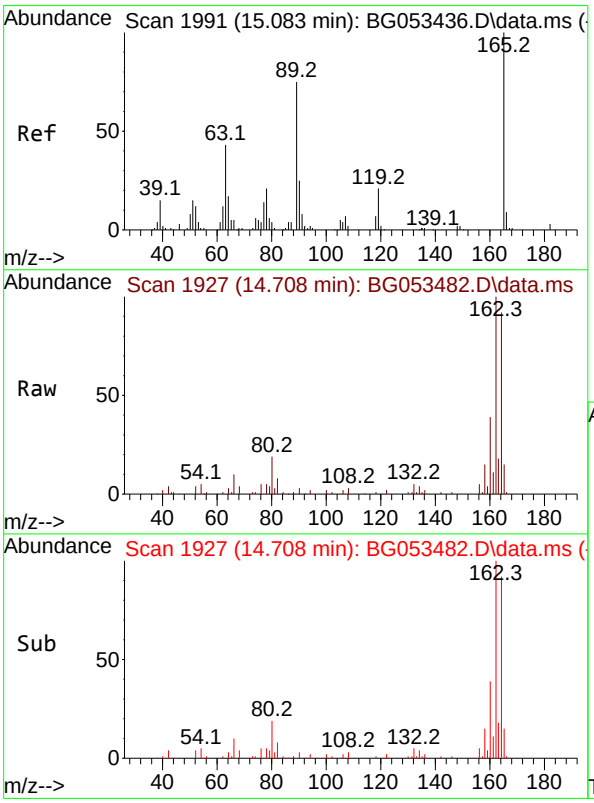
#51
2,6-Dinitrotoluene
Concen: 8.524 ng
RT: 14.708 min Scan# 1
Delta R.T. 0.418 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:165 Resp: 7891

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

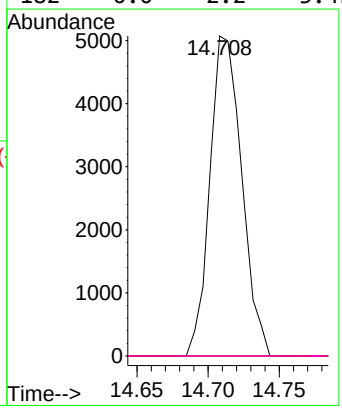


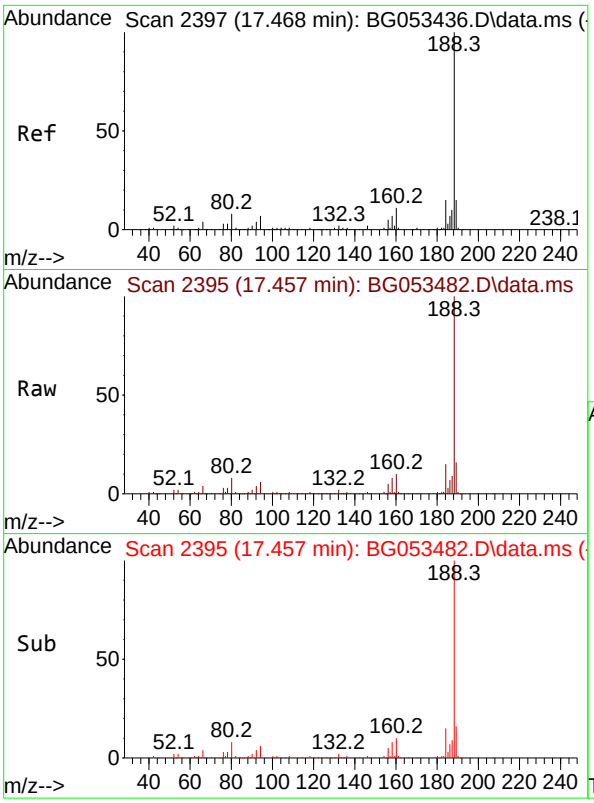


#57
2,4-Dinitrotoluene
Concen: 5.880 ng
RT: 14.708 min Scan# 1927
Delta R.T. -0.375 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:165 Resp: 7891

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#



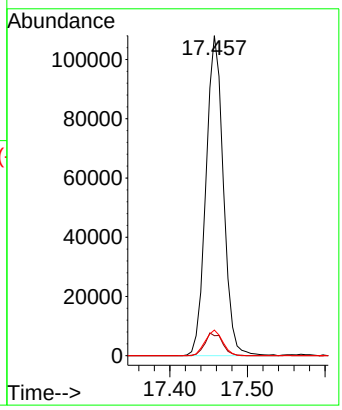


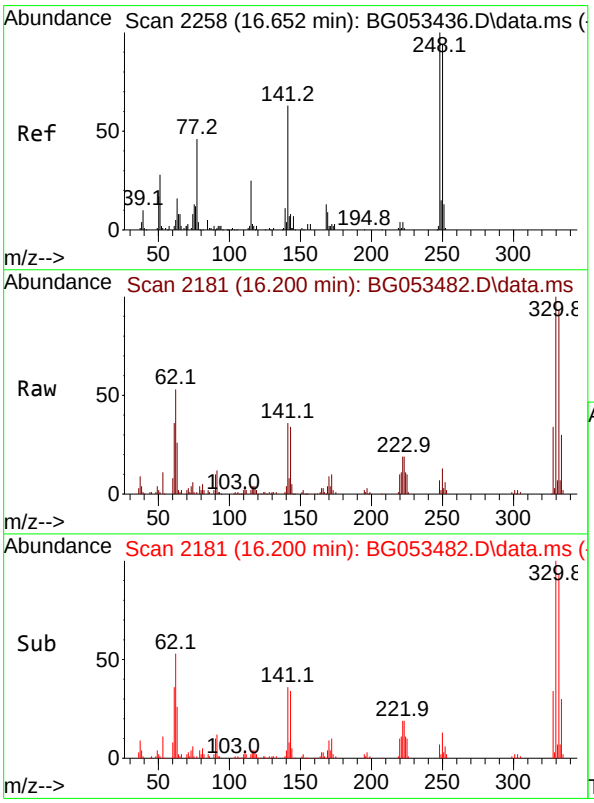
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:188 Resp: 168580

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.4	8.0
80	8.0	6.8	10.2

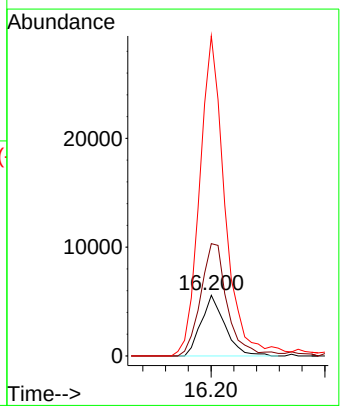


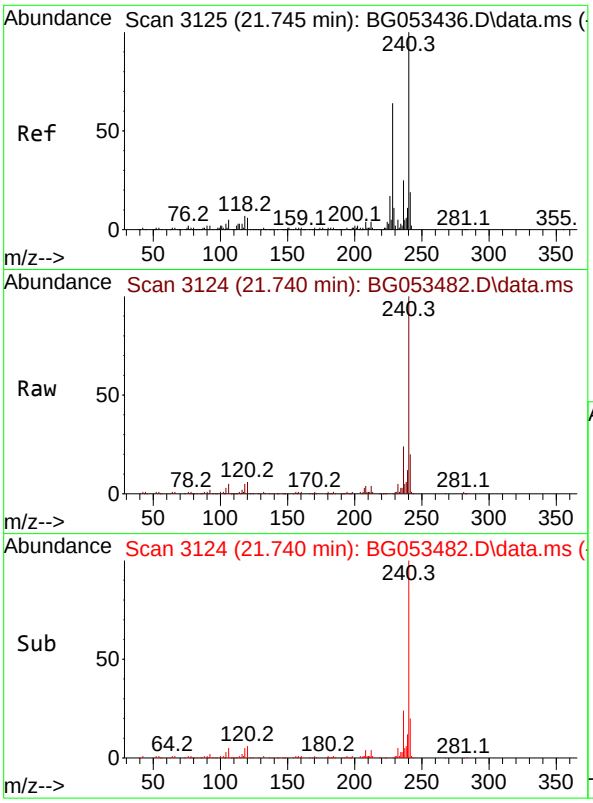


#67
4-Bromophenyl-phenylether
Concen: 4.122 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.452 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:248 Resp: 8115

Ion	Ratio	Lower	Upper
248	100		
250	185.2	75.2	112.8#
141	527.4	50.0	75.0#



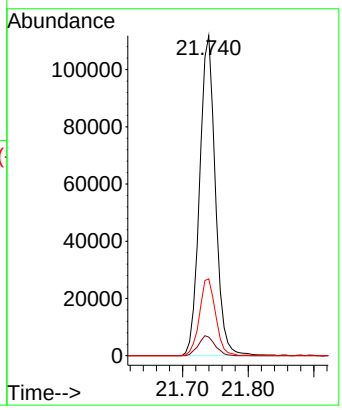


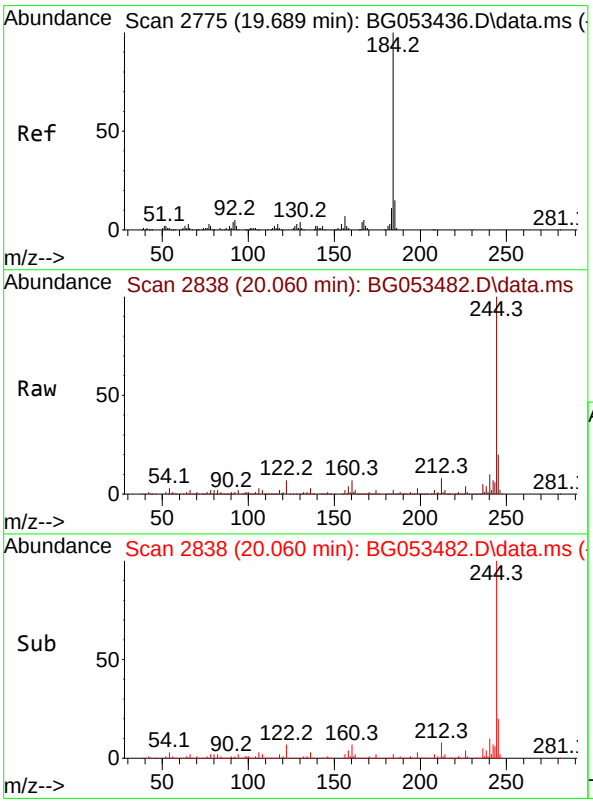
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:240 Resp: 187075

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	7.0
236	24.0	20.2	30.4

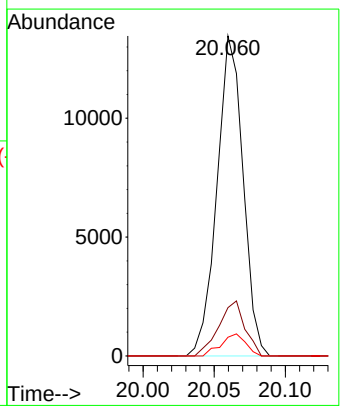


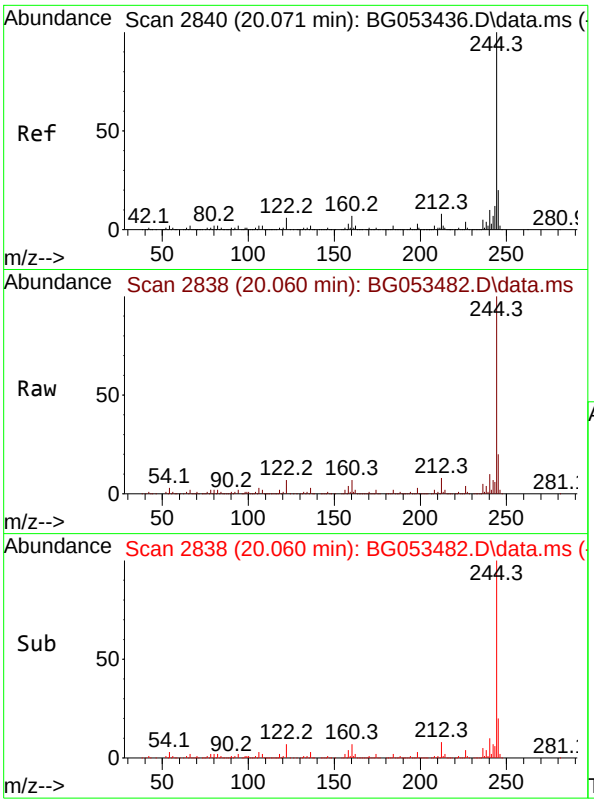


#77
Benzidine
Concen: 4.255 ng
RT: 20.060 min Scan# 2838
Delta R.T. 0.371 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:184 Resp: 17156

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.6
183	5.9	8.9	13.3#



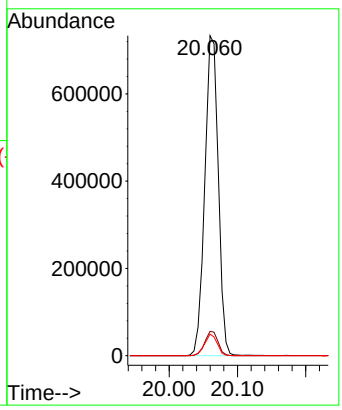


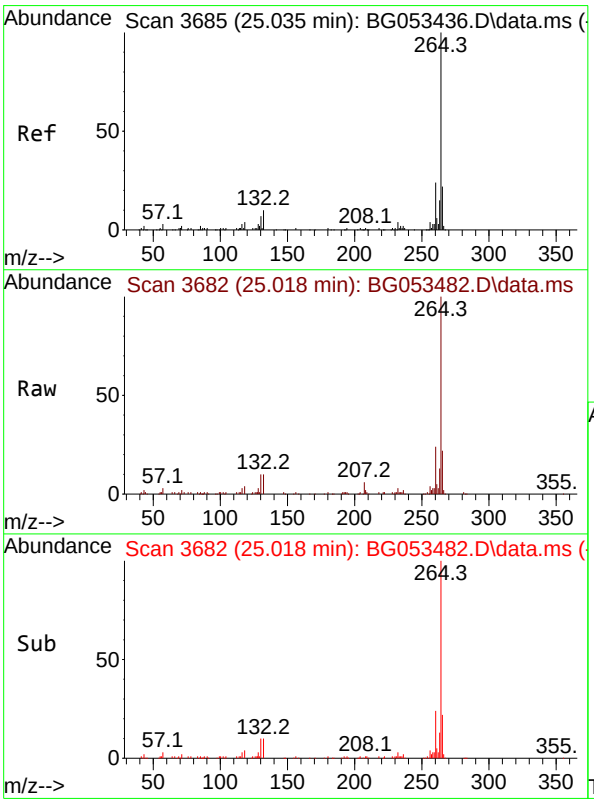
#79
Terphenyl-d14
Concen: 100.355 ng
RT: 20.060 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Instrument :
BNA_G
ClientSampleId :
MH-29D

Tgt Ion:244 Resp: 1008009

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	6.8	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3682
Delta R.T. -0.017 min
Lab File: BG053482.D
Acq: 6 May 2022 20:09

Tgt Ion:264 Resp: 184037

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.7	17.4	26.2