

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053477.D
 Acq On : 6 May 2022 16:53
 Operator : CG/JU
 Sample : N2685-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-5

Quant Time: May 06 22:52:55 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)

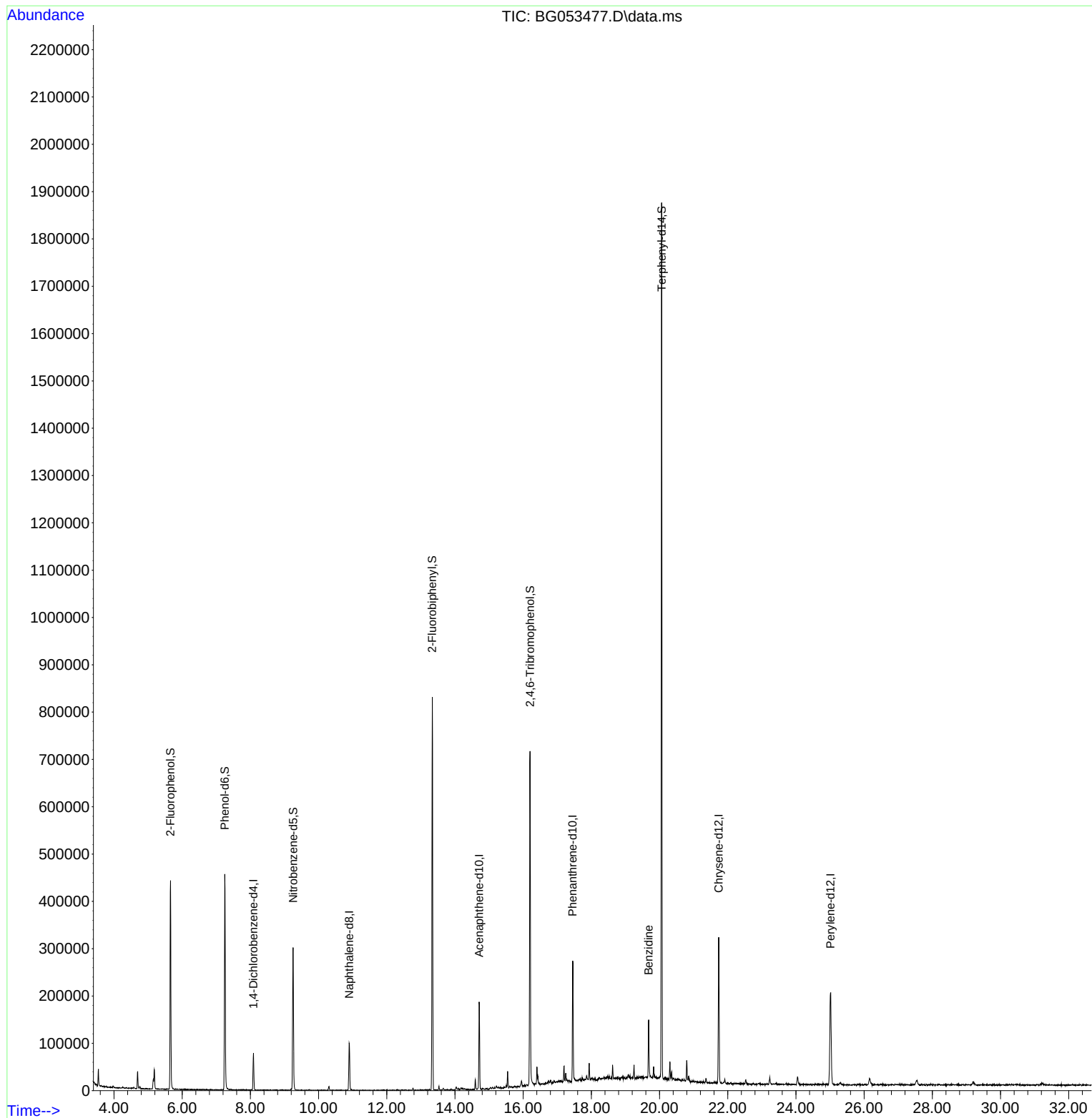
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	21364	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	85511	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	67004	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	165810	20.000	ng	-0.01
76) Chrysene-d12	21.737	240	199824	20.000	ng	0.00
86) Perylene-d12	25.015	264	209318	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	180539	143.418	ng	0.00
7) Phenol-d6	7.251	99	254920	133.433	ng	0.00
23) Nitrobenzene-d5	9.254	82	197439	98.288	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	147039	148.790	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	440548	96.078	ng	0.00
79) Terphenyl-d14	20.063	244	927127	86.413	ng	0.00
Target Compounds						
77) Benzidine	19.681	184	76623	17.791	ng	Qvalue 98

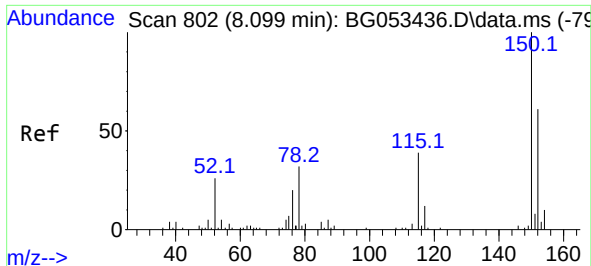
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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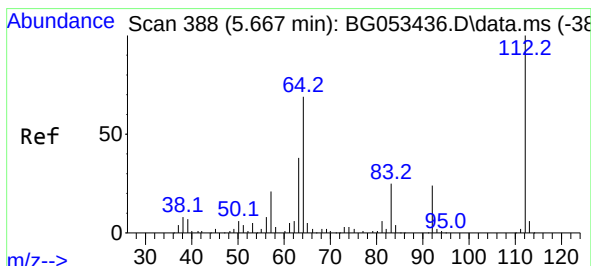
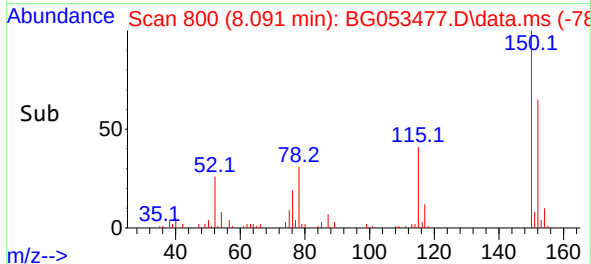
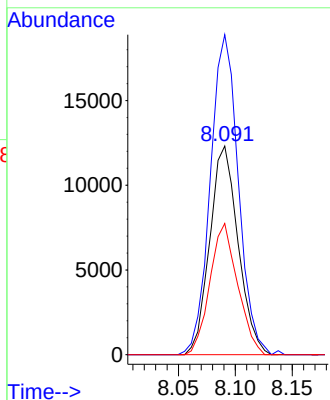
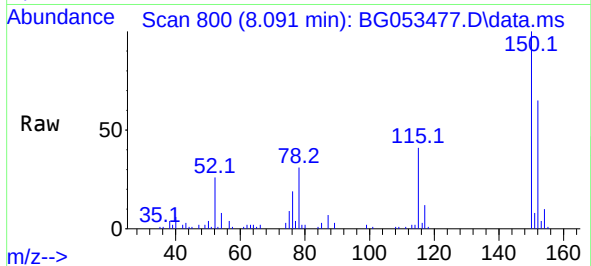




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

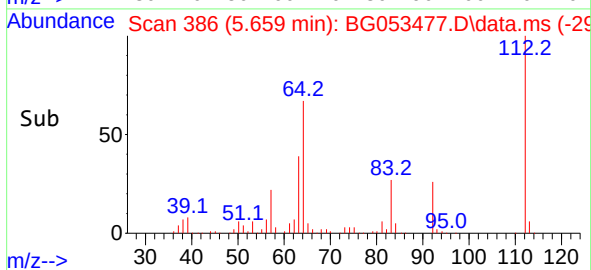
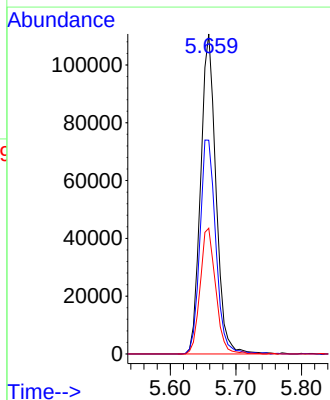
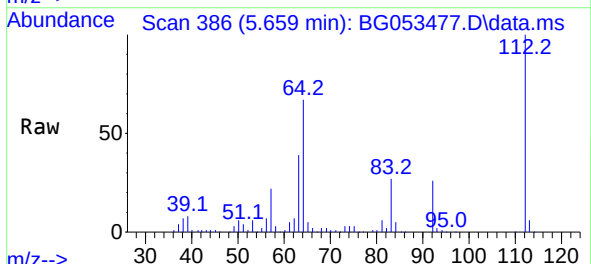
Instrument :
BNA_G
ClientSampleId :
WC-14B-5

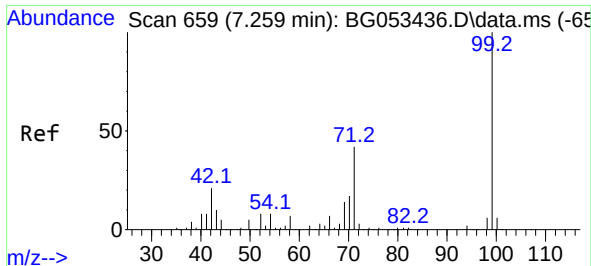
Tgt Ion:152 Resp: 21364
Ion Ratio Lower Upper
152 100
150 153.4 131.6 197.4
115 62.8 50.9 76.3



#5
2-Fluorophenol
Concen: 143.418 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

Tgt Ion:112 Resp: 180539
Ion Ratio Lower Upper
112 100
64 66.8 55.1 82.7
63 39.3 30.4 45.6

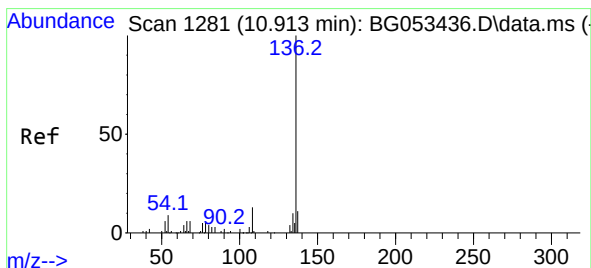
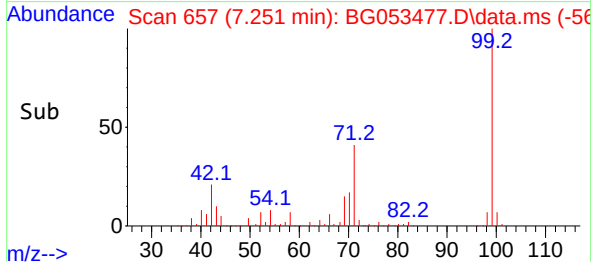
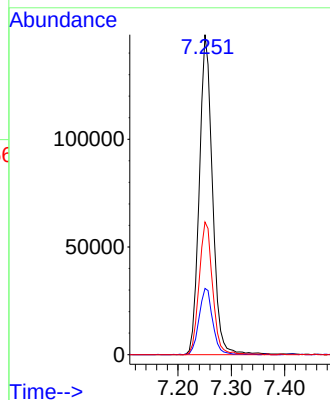
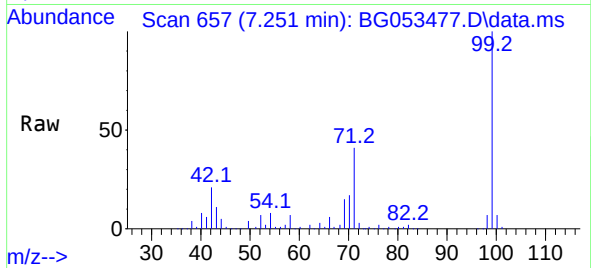




#7
Phenol-d6
Concen: 133.433 ng
RT: 7.251 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

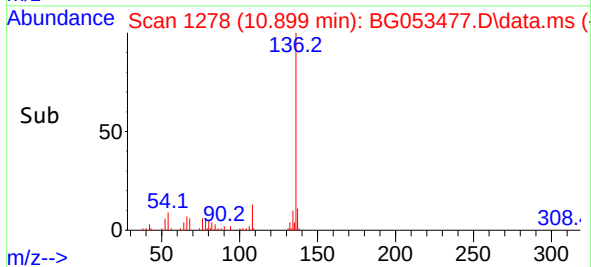
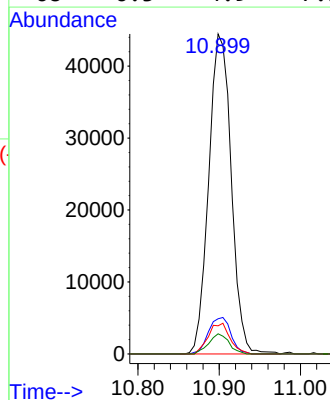
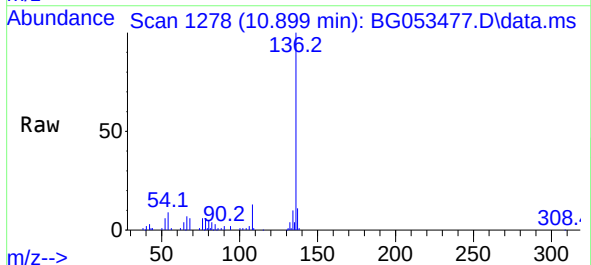
Instrument :
BNA_G
ClientSampleId :
WC-14B-5

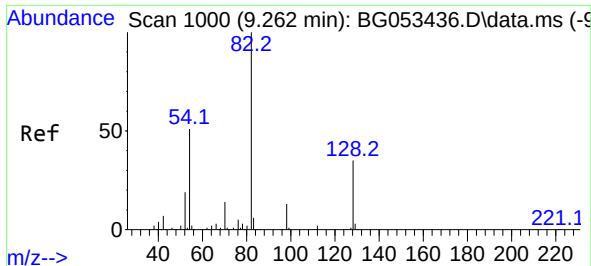
Tgt Ion: 99 Resp: 254920
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 41.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1278
Delta R.T. -0.014 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

Tgt Ion: 136 Resp: 85511
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.8 7.4 11.2
68 6.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 98.288 ng

RT: 9.254 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053477.D

Acq: 6 May 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-14B-5

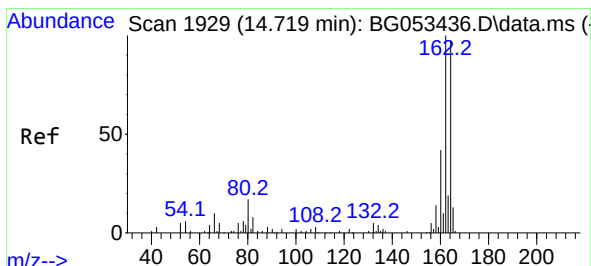
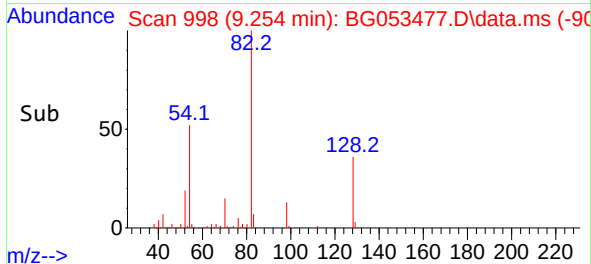
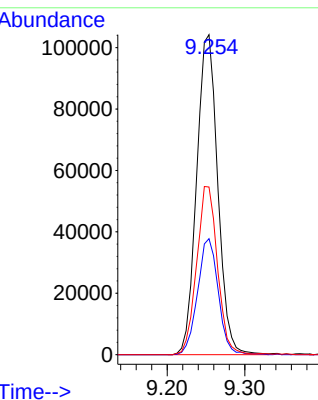
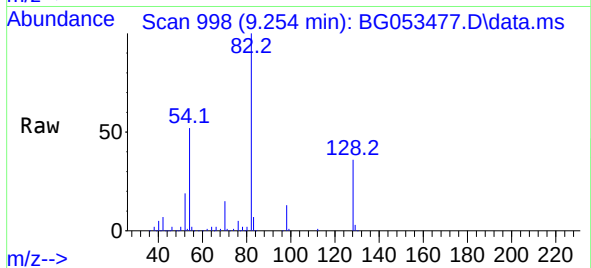
Tgt Ion: 82 Resp: 197439

Ion Ratio Lower Upper

82 100

128 36.2 27.9 41.9

54 52.4 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.711 min Scan# 1927

Delta R.T. -0.008 min

Lab File: BG053477.D

Acq: 6 May 2022 16:53

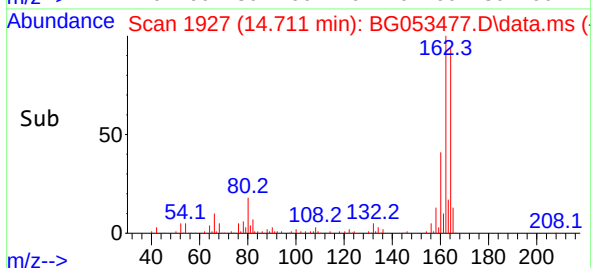
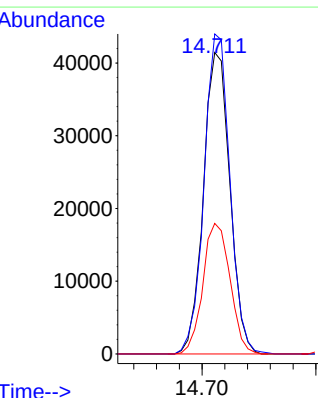
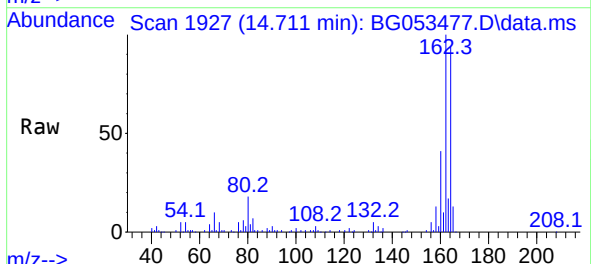
Tgt Ion: 164 Resp: 67004

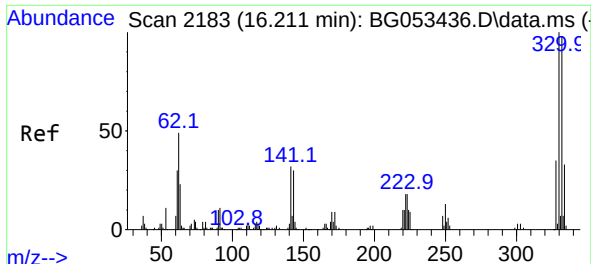
Ion Ratio Lower Upper

164 100

162 106.2 82.3 123.5

160 43.3 34.2 51.2

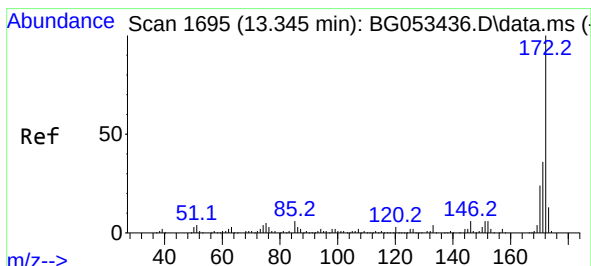
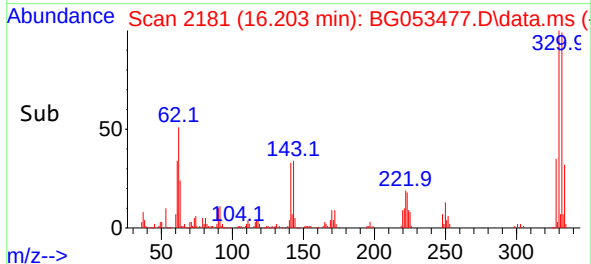
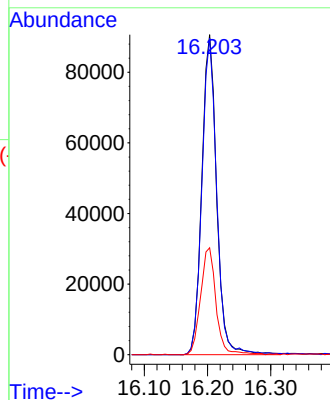
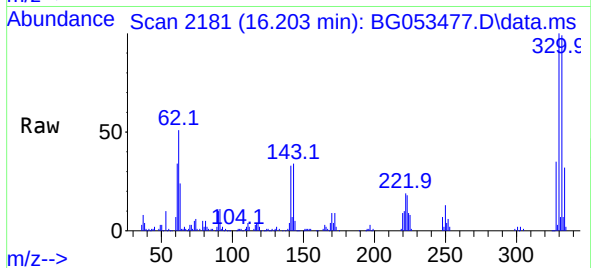




#42
2,4,6-Tribromophenol
Concen: 148.790 ng
RT: 16.203 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

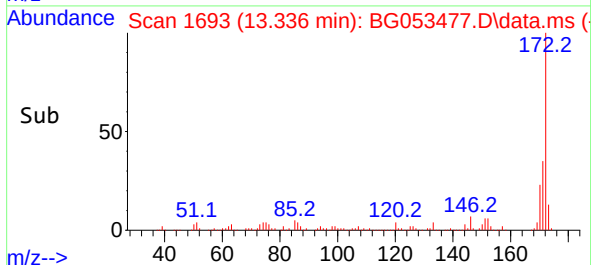
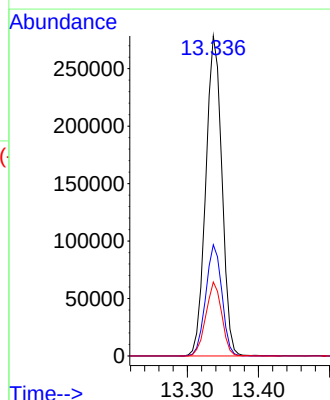
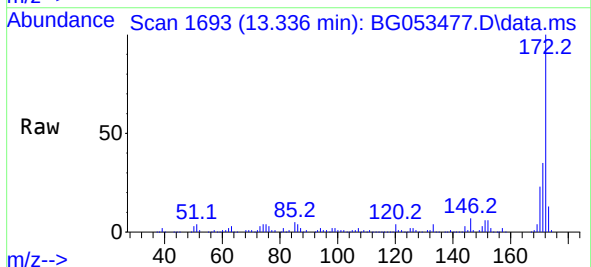
Instrument :
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WC-14B-5

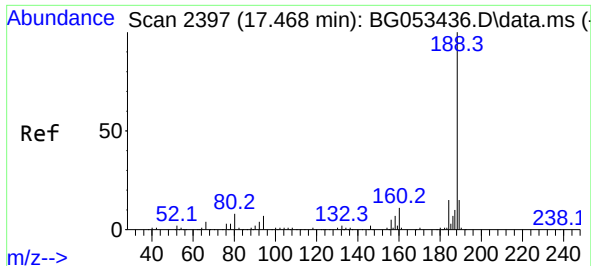
Tgt Ion:330 Resp: 147039
Ion Ratio Lower Upper
330 100
332 98.9 76.0 114.0
141 34.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 96.078 ng
RT: 13.336 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

Tgt Ion:172 Resp: 440548
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.1 18.9 28.3

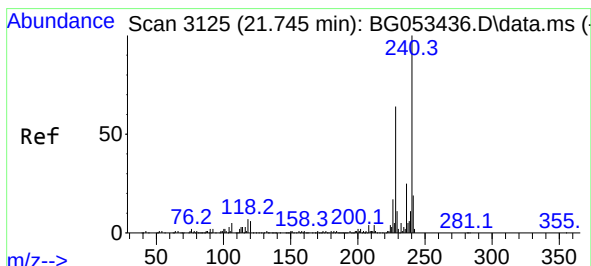
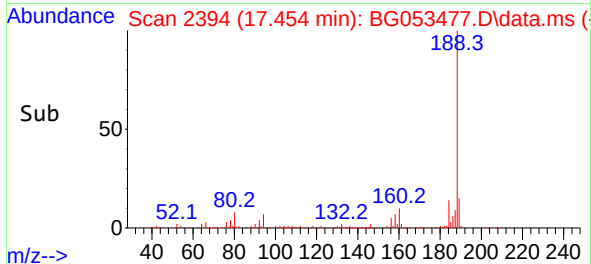
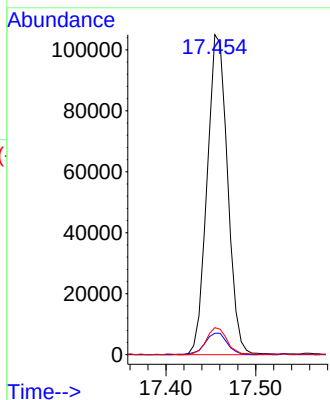
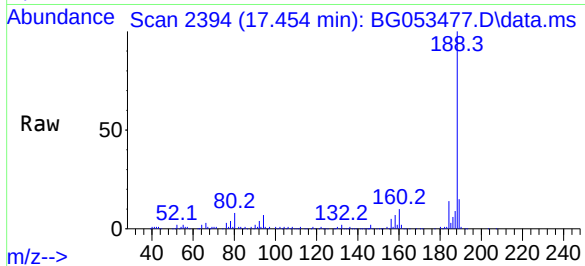




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

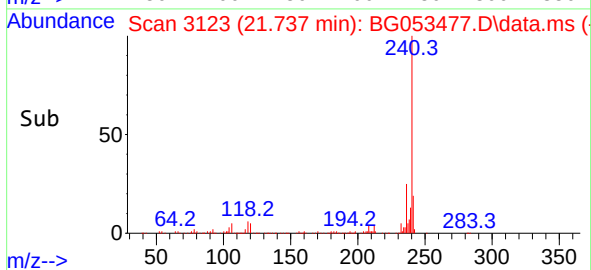
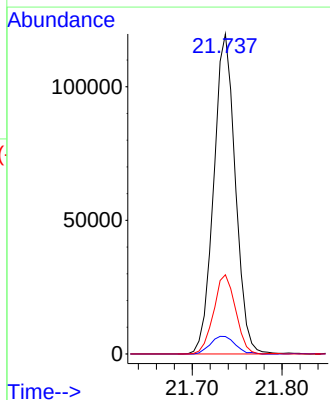
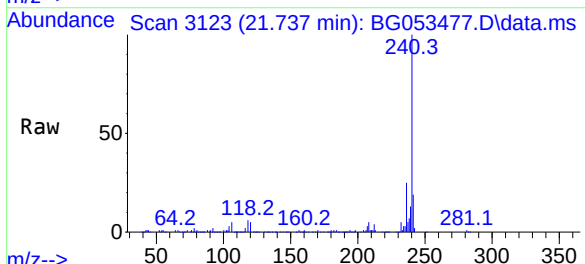
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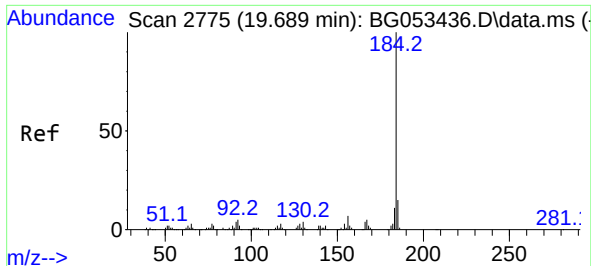
Tgt Ion:188 Resp: 165810
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

Tgt Ion:240 Resp: 199824
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.8 20.2 30.4

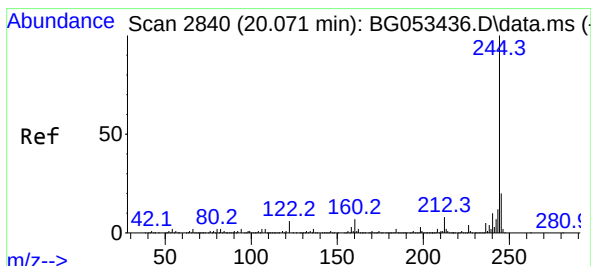
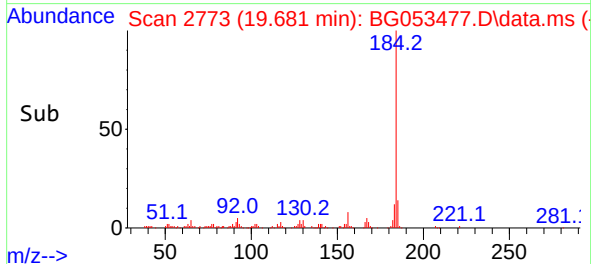
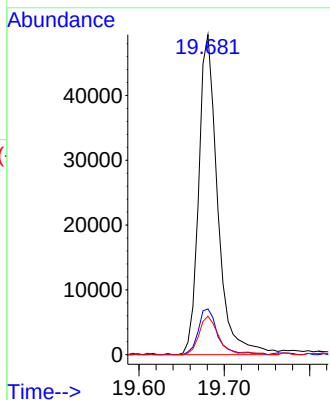
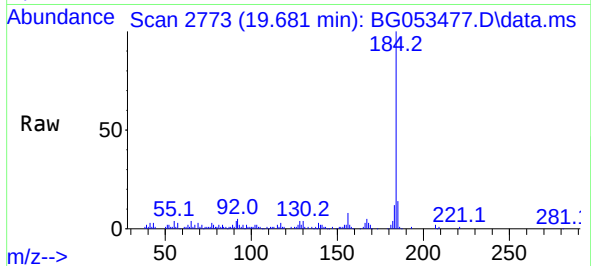




#77
Benzidine
Concen: 17.791 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

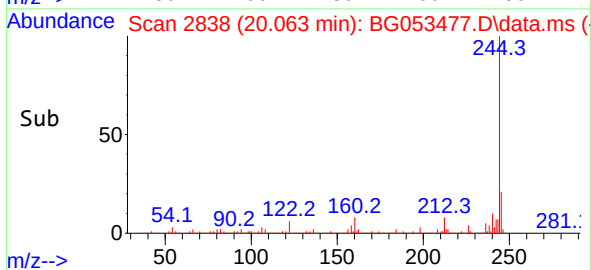
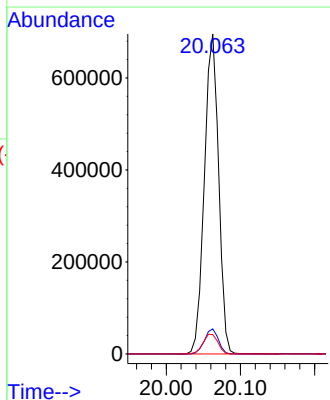
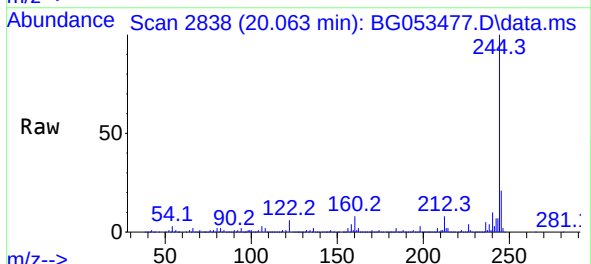
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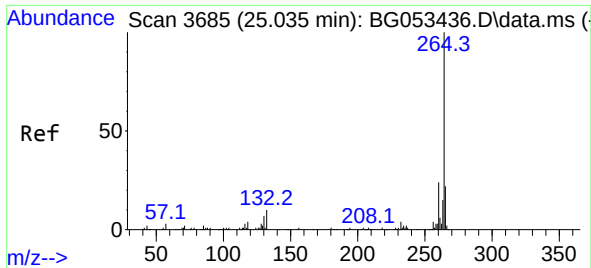
Tgt Ion:184 Resp: 76623
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 12.0 8.9 13.3



#79
Terphenyl-d14
Concen: 86.413 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.008 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

Tgt Ion:244 Resp: 927127
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 6.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 30
Delta R.T. -0.020 min
Lab File: BG053477.D
Acq: 6 May 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-14B-5

Tgt Ion:264 Resp: 209318

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	21.7	17.4	26.2

