

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053397.D
 Acq On : 2 May 2022 13:44
 Operator : CG/JU
 Sample : N2616-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-20S

Quant Time: May 02 16:47:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

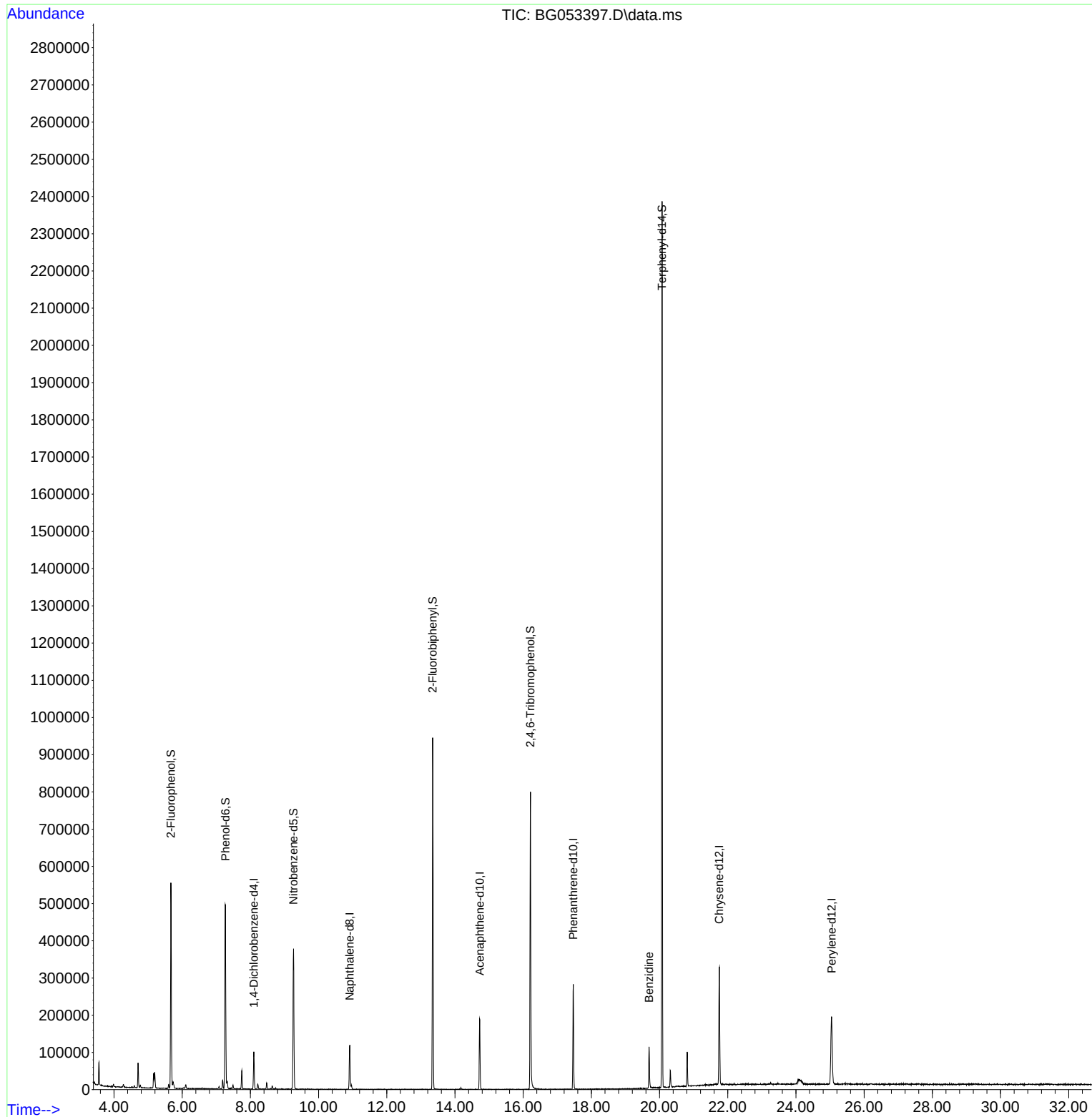
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	27044	20.000	ng	-0.01
21) Naphthalene-d8	10.915	136	100789	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	72183	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	187342	20.000	ng	-0.01
76) Chrysene-d12	21.748	240	213466	20.000	ng	-0.02
86) Perylene-d12	25.049	264	213638	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	224045	142.011	ng	0.00
7) Phenol-d6	7.267	99	288574	118.612	ng	0.00
23) Nitrobenzene-d5	9.265	82	241233	97.182	ng	-0.01
42) 2,4,6-Tribromophenol	16.214	330	172866	150.527	ng	-0.01
45) 2-Fluorobiphenyl	13.347	172	507450	96.938	ng	-0.01
79) Terphenyl-d14	20.074	244	1160093	91.784	ng	-0.01
Target Compounds						
77) Benzidine	19.692	184	76505	12.561	ng	Qvalue 98

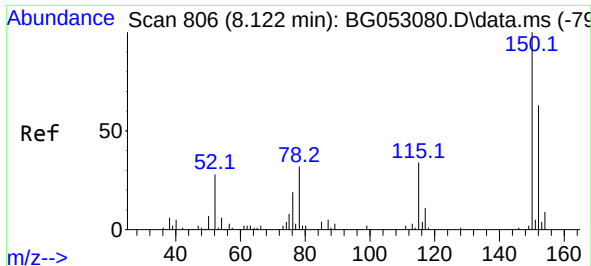
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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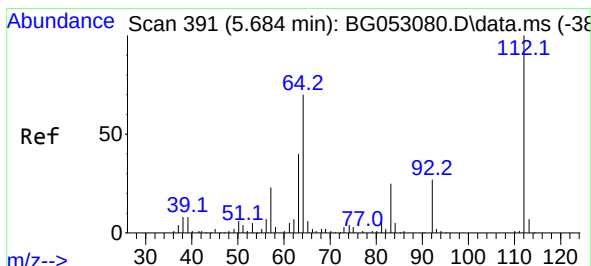
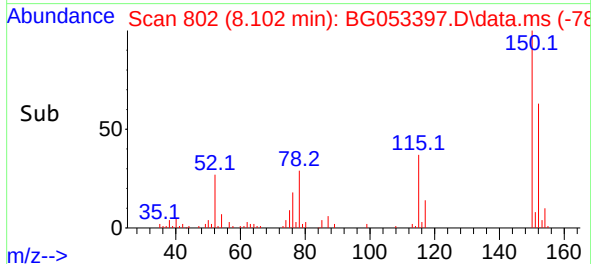
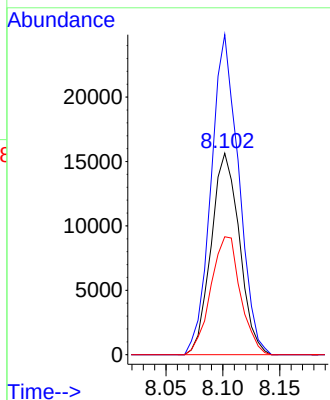
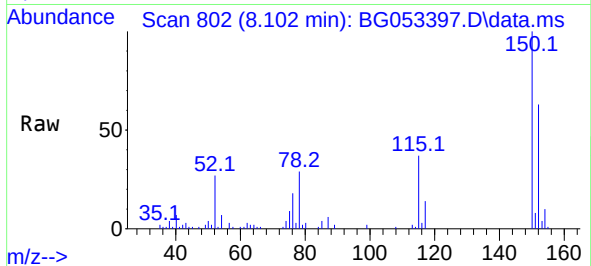




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

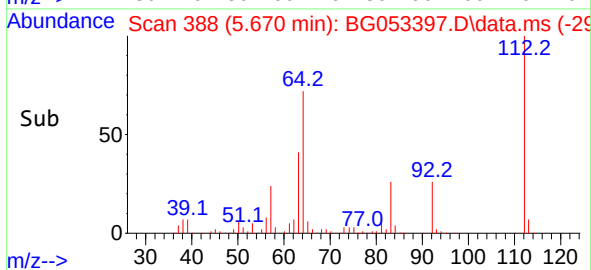
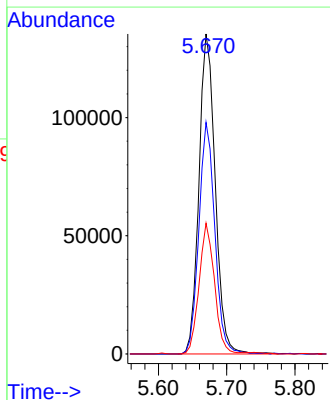
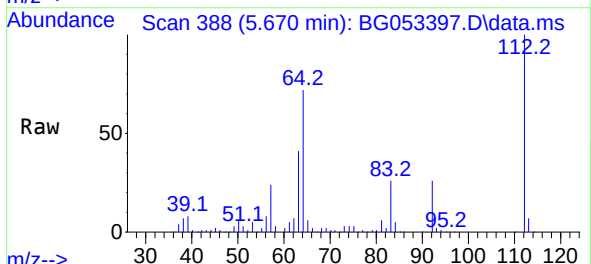
Instrument :
BNA_G
ClientSampleId :
MH-20S

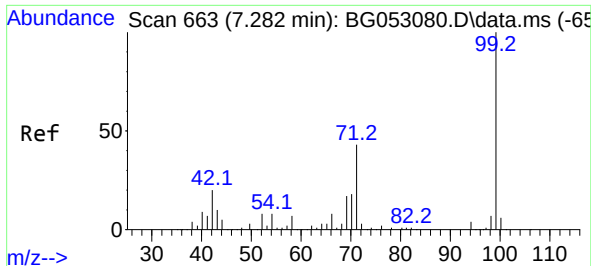
Tgt Ion:152 Resp: 27044
Ion Ratio Lower Upper
152 100
150 158.8 114.6 172.0
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 142.011 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

Tgt Ion:112 Resp: 224045
Ion Ratio Lower Upper
112 100
64 72.3 48.0 72.0#
63 40.8 26.5 39.7#

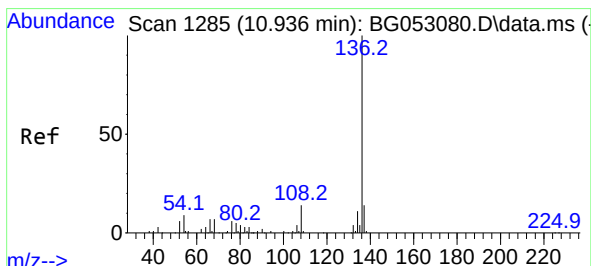
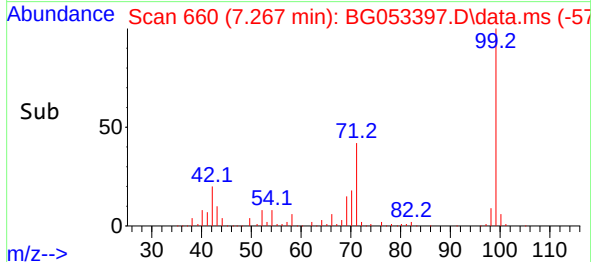
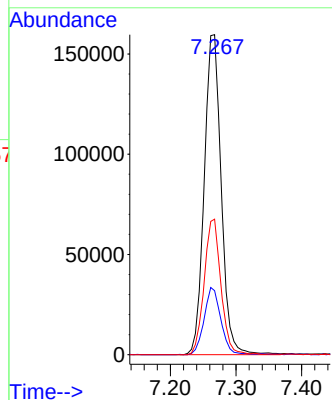
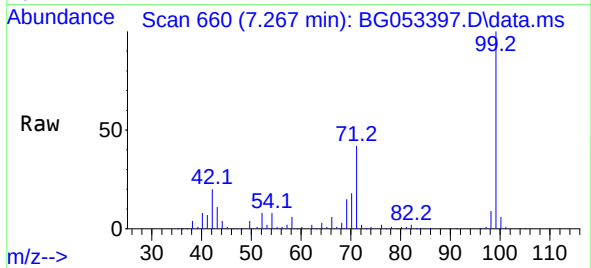




#7
Phenol-d6
Concen: 118.612 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

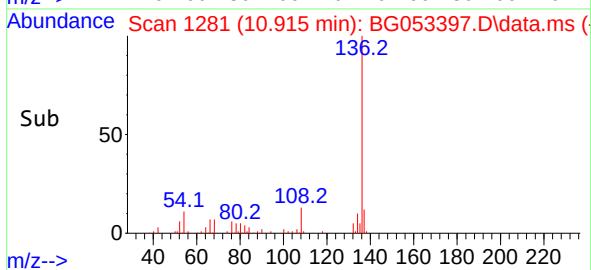
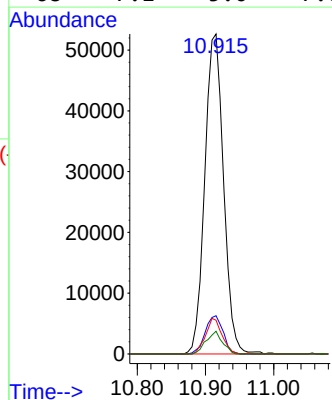
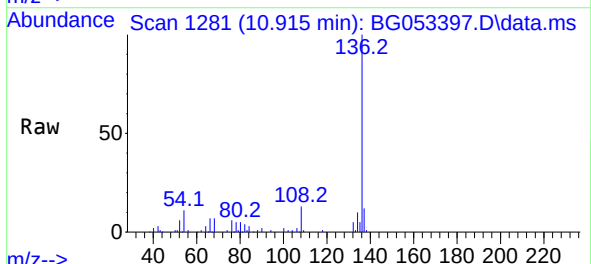
Instrument :
BNA_G
ClientSampleId :
MH-20S

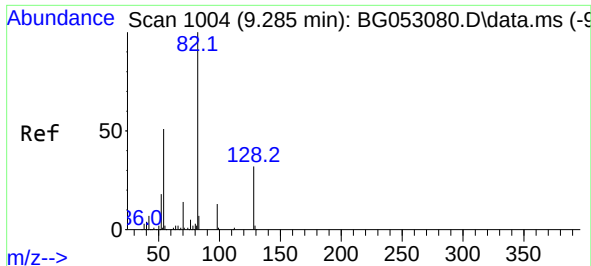
Tgt Ion: 99 Resp: 288574
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 42.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

Tgt Ion: 136 Resp: 100789
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 10.6 6.4 9.6#
68 7.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 97.182 ng

RT: 9.265 min Scan# 1000

Delta R.T. -0.012 min

Lab File: BG053397.D

Acq: 2 May 2022 13:44

Instrument :

BNA_G

ClientSampleId :

MH-20S

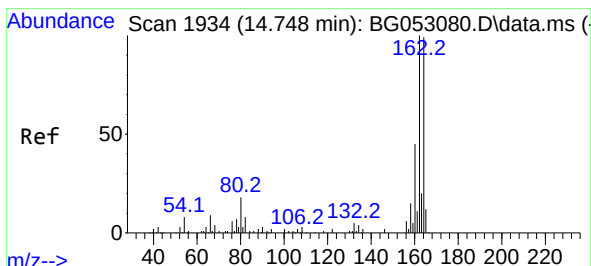
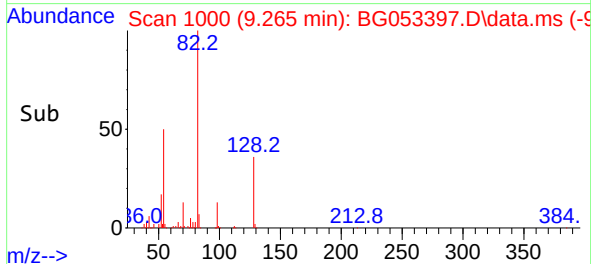
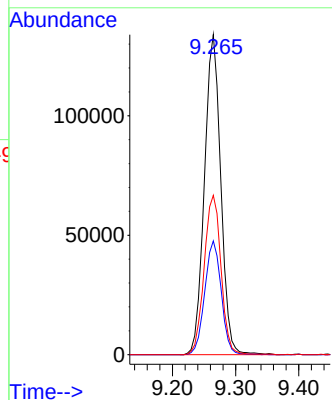
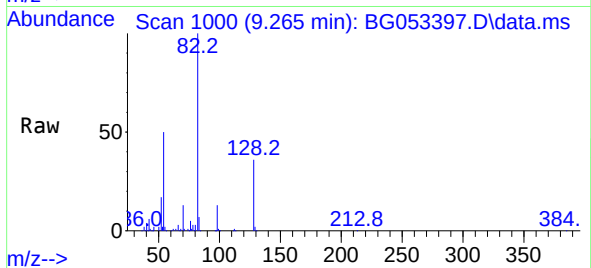
Tgt Ion: 82 Resp: 241233

Ion Ratio Lower Upper

82 100

128 35.6 31.3 46.9

54 49.8 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BG053397.D

Acq: 2 May 2022 13:44

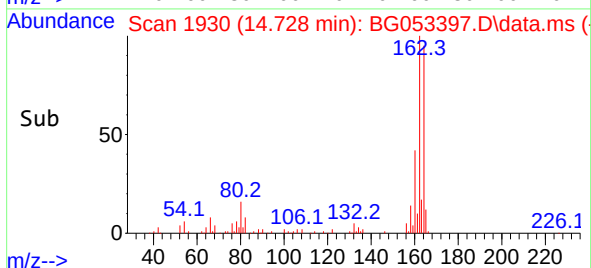
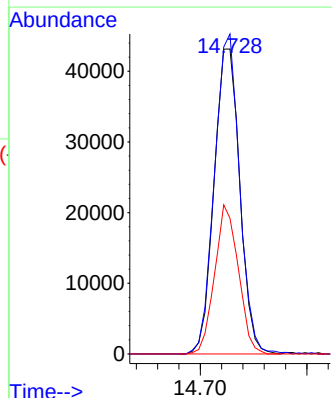
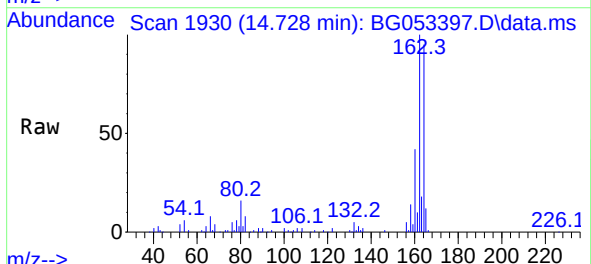
Tgt Ion:164 Resp: 72183

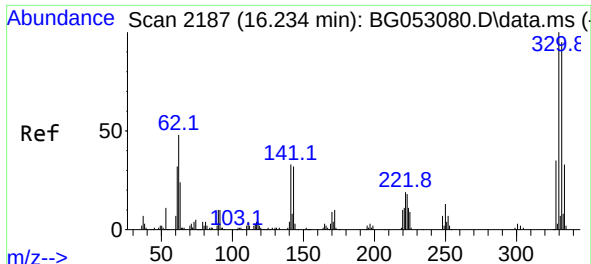
Ion Ratio Lower Upper

164 100

162 104.9 80.0 120.0

160 44.5 38.8 58.2

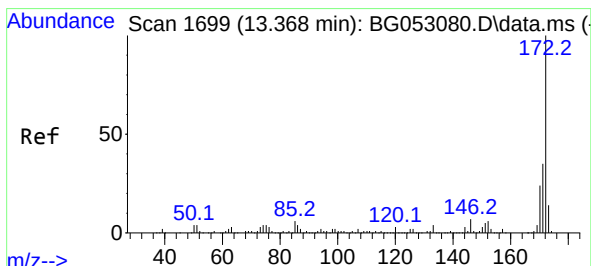
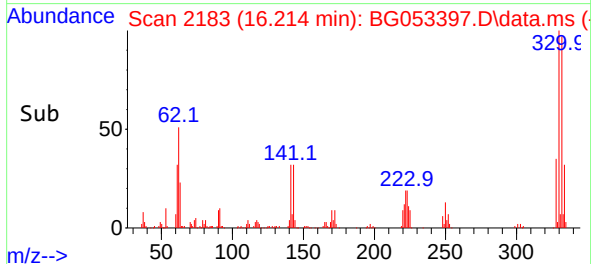
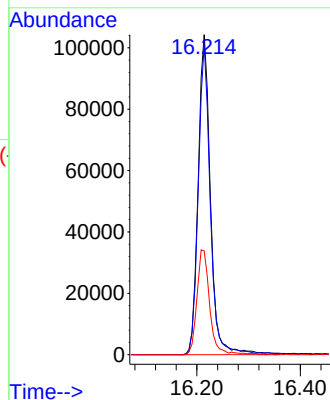
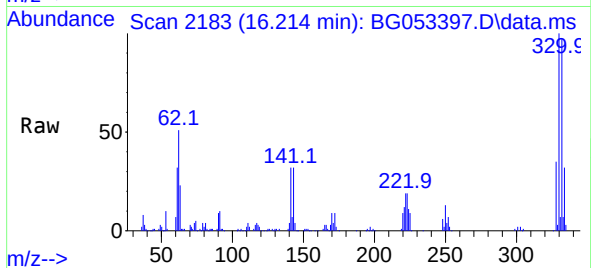




#42
2,4,6-Tribromophenol
Concen: 150.527 ng
RT: 16.214 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

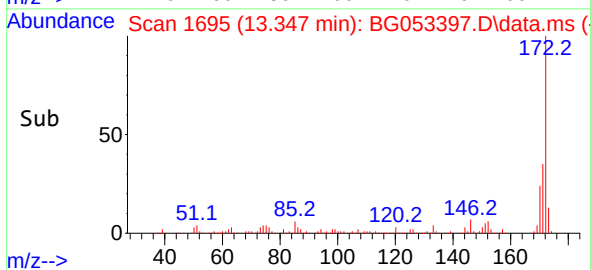
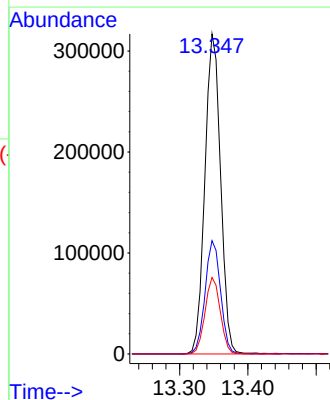
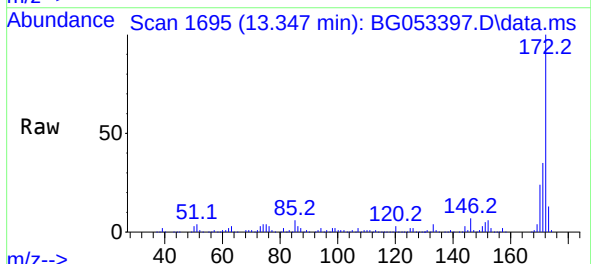
Instrument :
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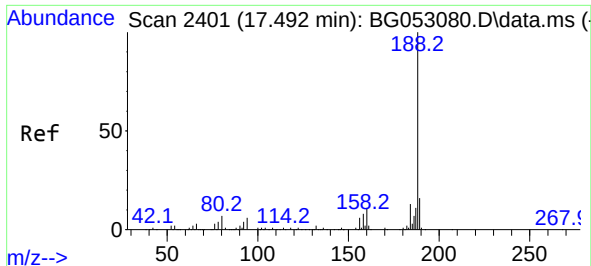
Tgt Ion:330 Resp: 172866
Ion Ratio Lower Upper
330 100
332 93.9 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 96.938 ng
RT: 13.347 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

Tgt Ion:172 Resp: 507450
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.9 18.0 27.0

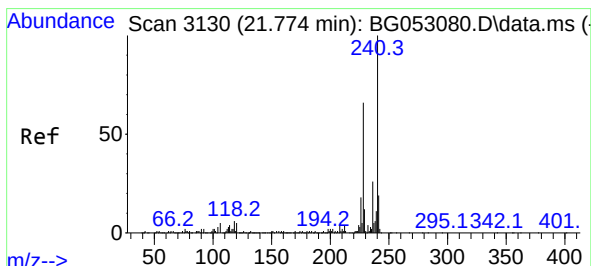
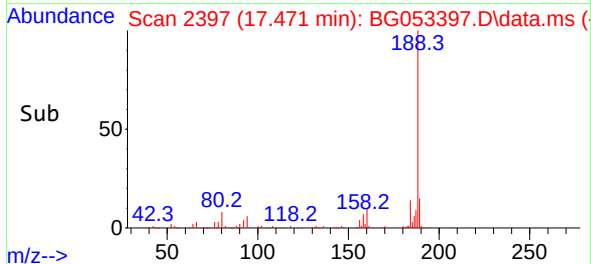
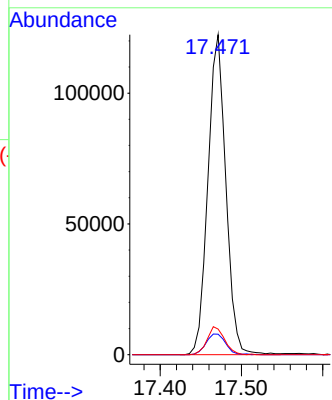
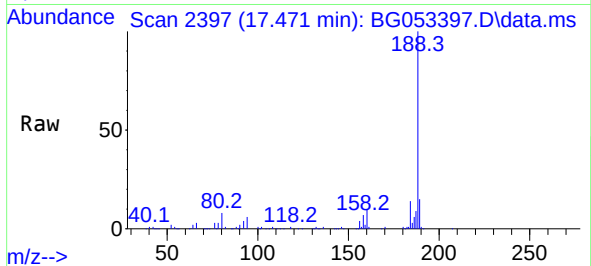




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

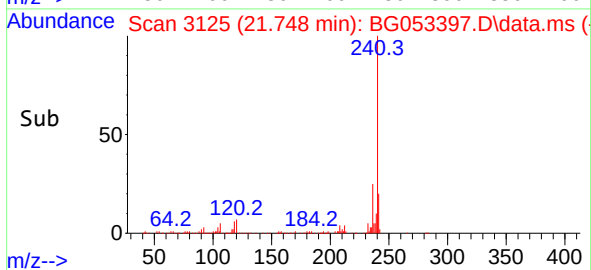
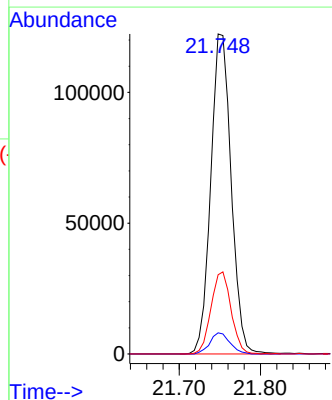
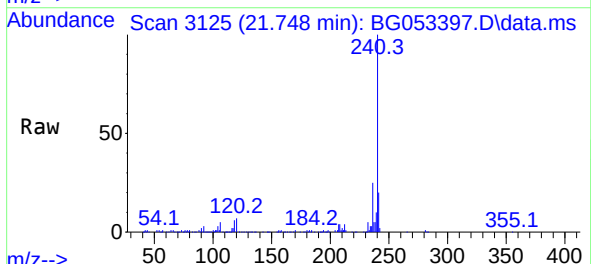
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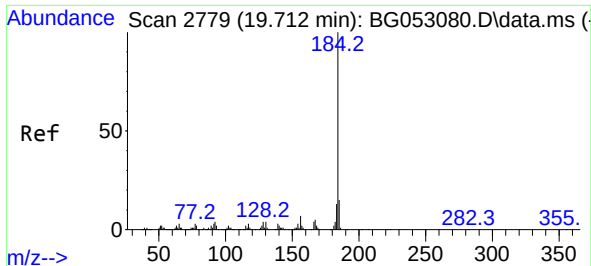
Tgt Ion:188 Resp: 187342
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 8.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3125
Delta R.T. -0.018 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

Tgt Ion:240 Resp: 213466
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 24.8 19.8 29.6

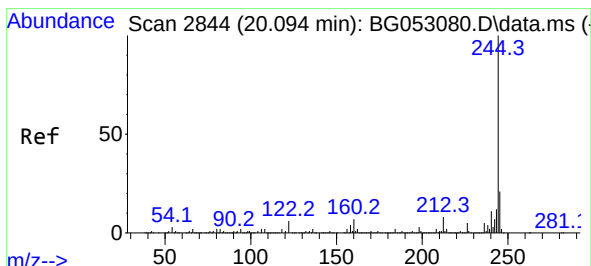
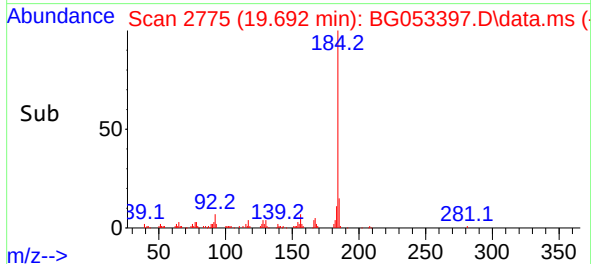
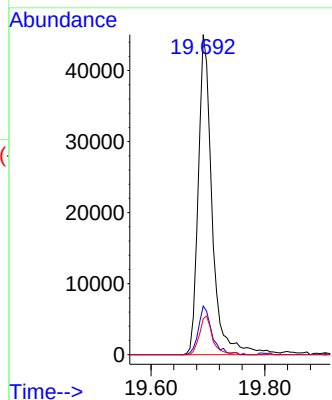
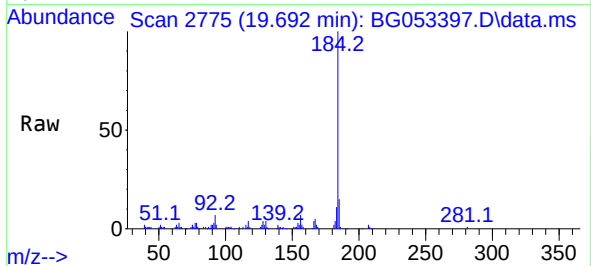




#77
Benzidine
Concen: 12.561 ng
RT: 19.692 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

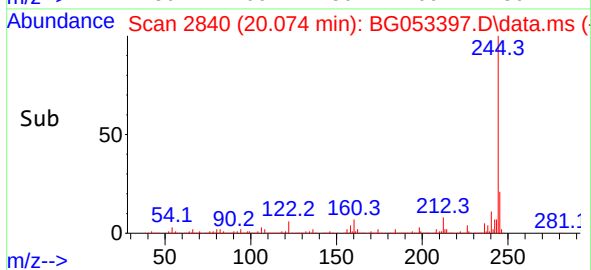
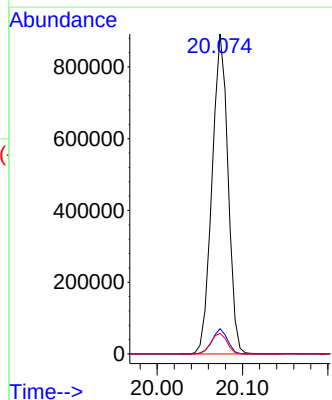
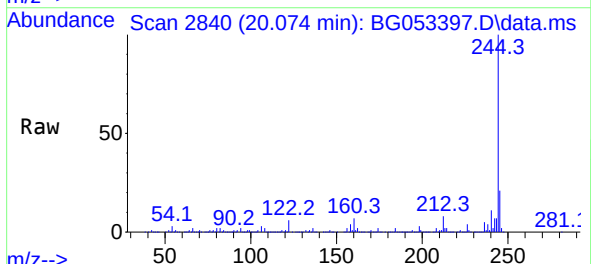
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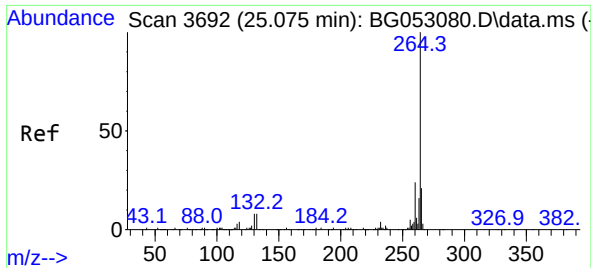
Tgt Ion:184 Resp: 76505
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 11.3 9.4 14.2



#79
Terphenyl-d14
Concen: 91.784 ng
RT: 20.074 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BG053397.D
Acq: 2 May 2022 13:44

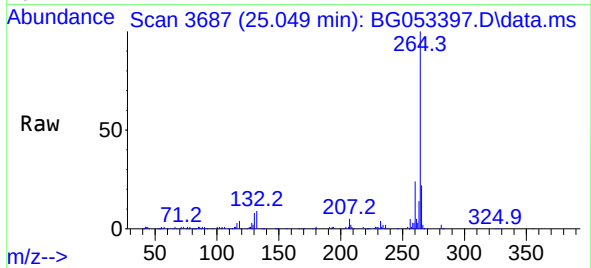
Tgt Ion:244 Resp: 1160093
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.049 min Scan# 3
 Delta R.T. -0.012 min
 Lab File: BG053397.D
 Acq: 2 May 2022 13:44

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:264 Resp: 213638

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.2
265	22.1	15.1	22.7

