

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053332.D
 Acq On : 26 Apr 2022 22:45
 Operator : CG/JU
 Sample : N2548-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-8D

Quant Time: Apr 27 04:59:14 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	19400	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	76133	20.000	ng	# 0.00
39) Acenaphthene-d10	14.729	164	58285	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	173871	20.000	ng	-0.01
76) Chrysene-d12	21.754	240	221217	20.000	ng	-0.01
86) Perylene-d12	25.044	264	216432	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	145151	128.255	ng	0.00
7) Phenol-d6	7.268	99	192225	110.142	ng	0.00
23) Nitrobenzene-d5	9.265	82	158576	84.572	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	140199	151.192	ng	-0.01
45) 2-Fluorobiphenyl	13.354	172	348169	82.370	ng	0.00
79) Terphenyl-d14	20.074	244	1043091	79.636	ng	-0.01

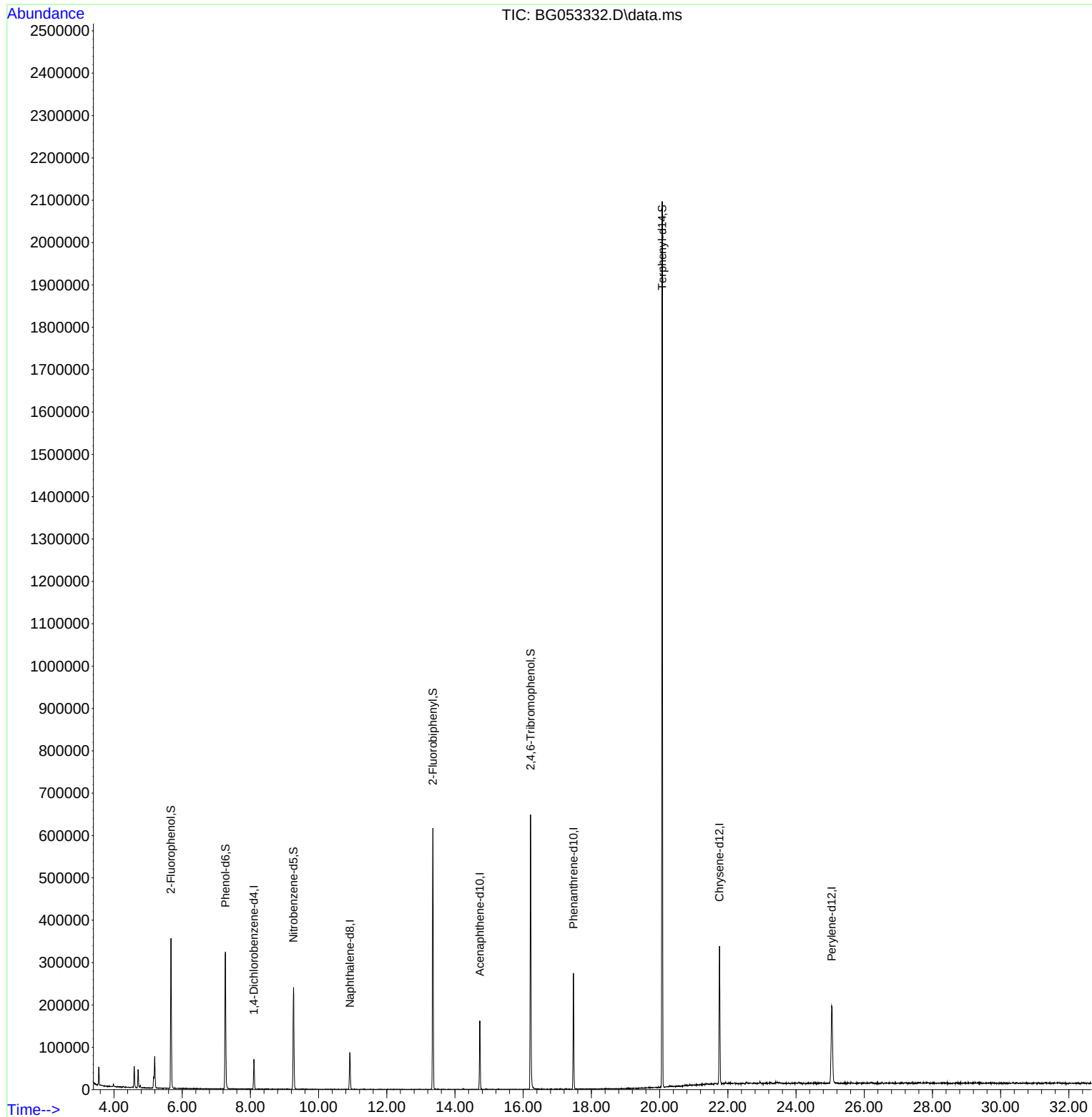
Target Compounds	Qvalue

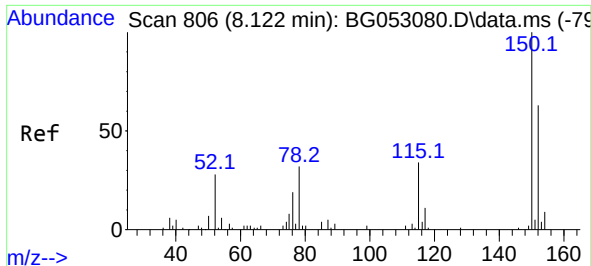
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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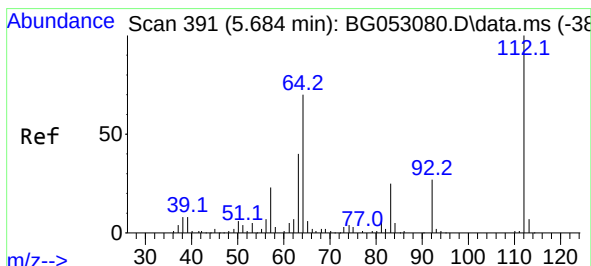
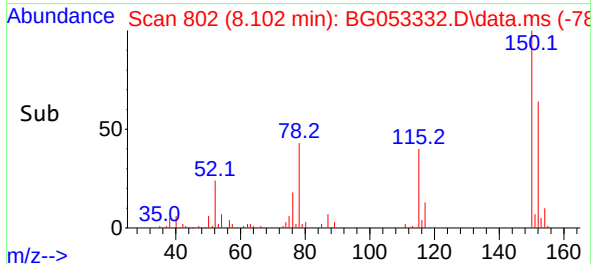
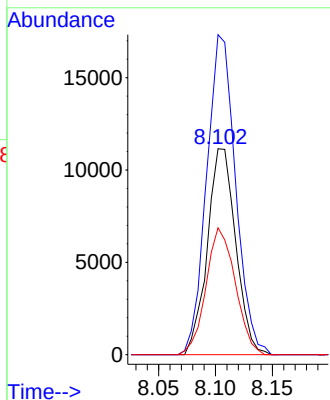
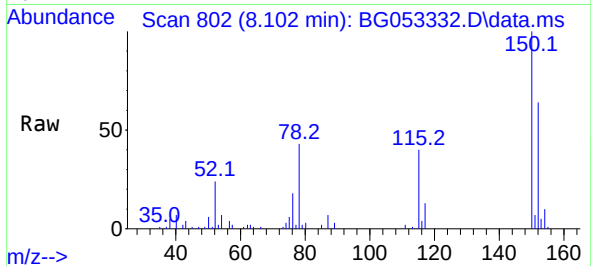




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

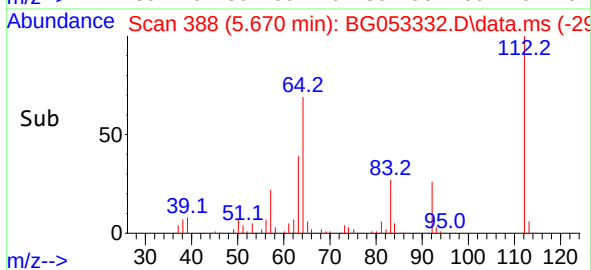
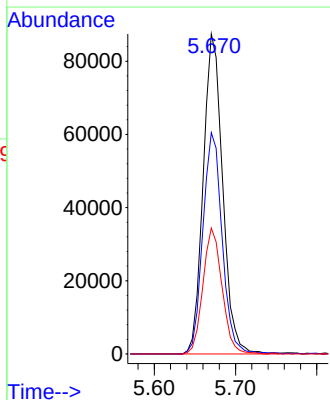
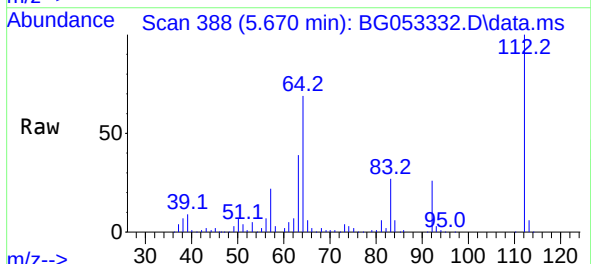
Instrument :
BNA_G
ClientSampleId :
MH-8D

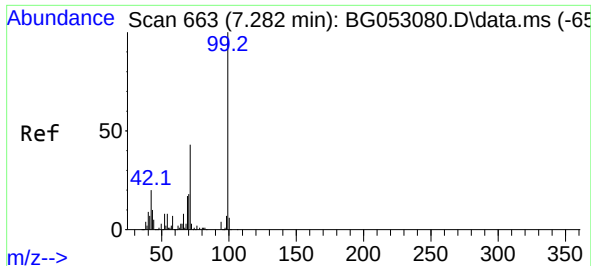
Tgt Ion:152 Resp: 19400
Ion Ratio Lower Upper
152 100
150 155.4 114.6 172.0
115 61.6 45.9 68.9



#5
2-Fluorophenol
Concen: 128.255 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:112 Resp: 145151
Ion Ratio Lower Upper
112 100
64 69.1 48.0 72.0
63 39.4 26.5 39.7

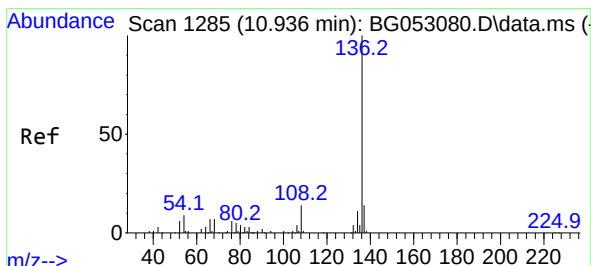
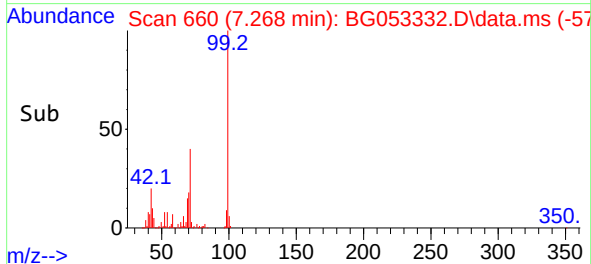
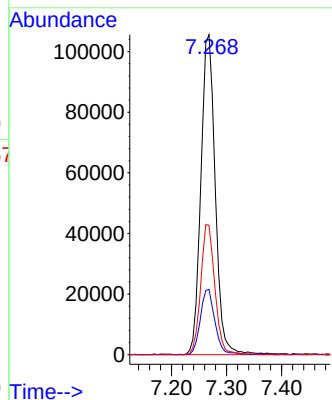
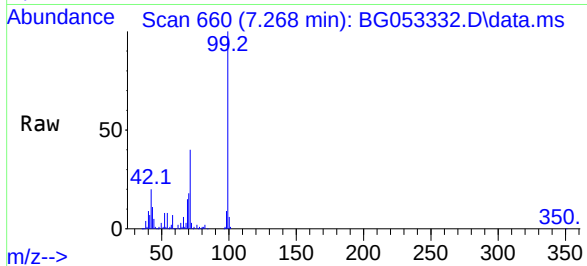




#7
Phenol-d6
Concen: 110.142 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

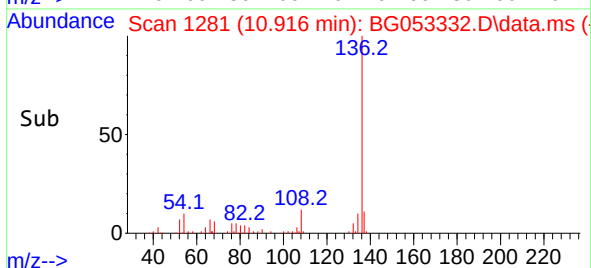
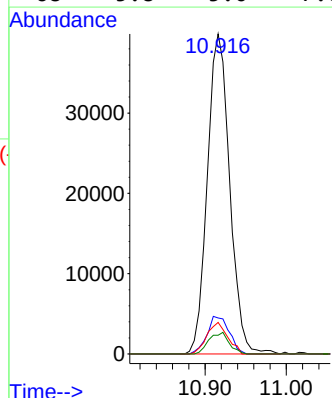
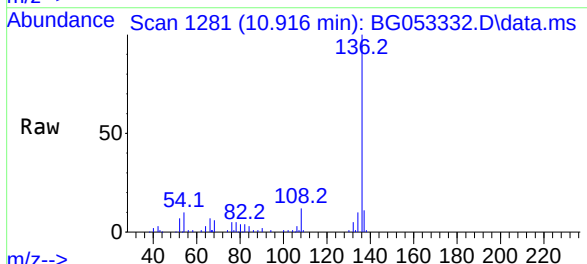
Instrument :
BNA_G
ClientSampleId :
MH-8D

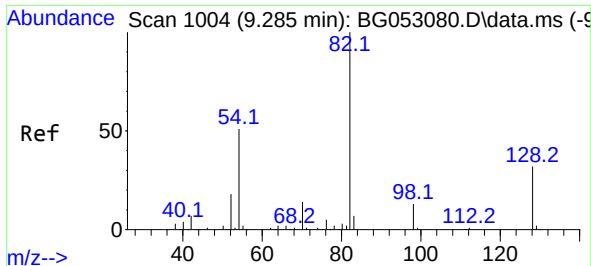
Tgt Ion: 99 Resp: 192225
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 40.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1281
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion: 136 Resp: 76133
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 9.8 6.4 9.6#
68 5.8 5.0 7.6

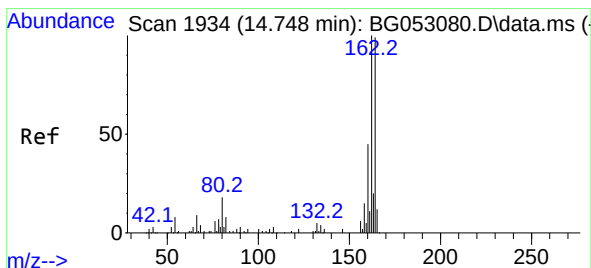
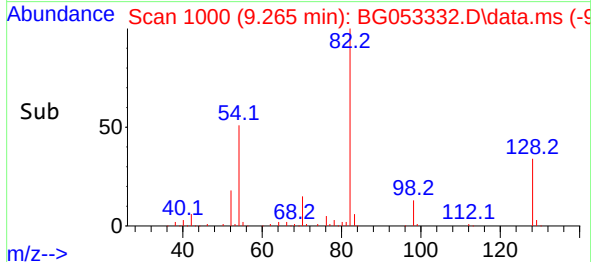
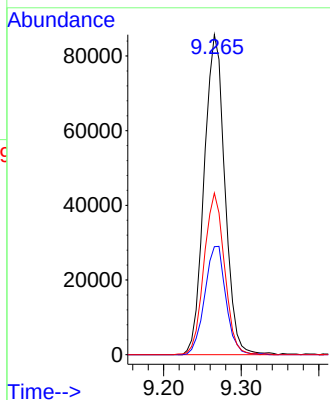
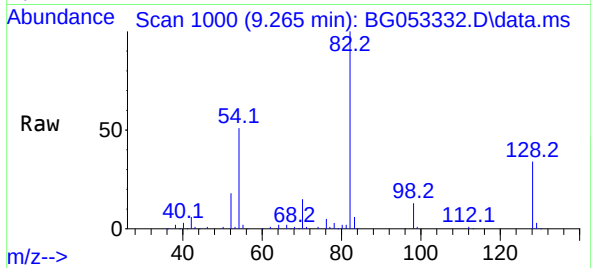




#23
 Nitrobenzene-d5
 Concen: 84.572 ng
 RT: 9.265 min Scan# 1000
 Delta R.T. -0.011 min
 Lab File: BG053332.D
 Acq: 26 Apr 2022 22:45

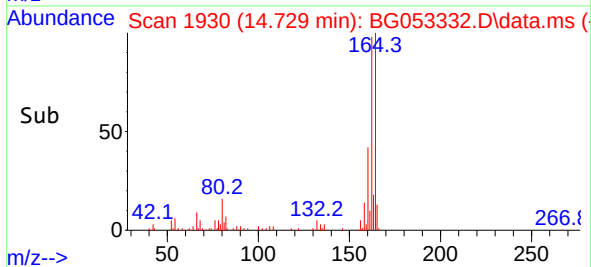
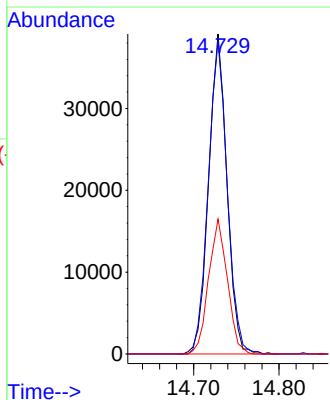
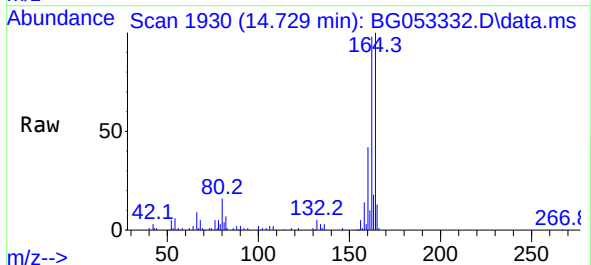
Instrument :
 BNA_G
 ClientSampleId :
 MH-8D

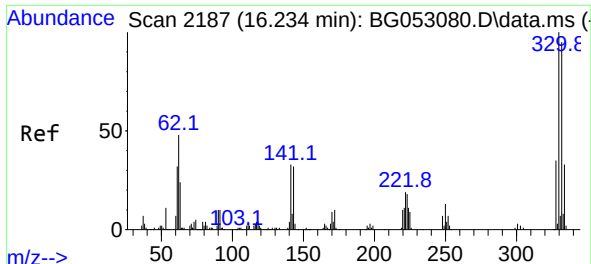
Tgt Ion: 82 Resp: 158576
 Ion Ratio Lower Upper
 82 100
 128 33.8 31.3 46.9
 54 50.5 37.8 56.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.729 min Scan# 1930
 Delta R.T. -0.005 min
 Lab File: BG053332.D
 Acq: 26 Apr 2022 22:45

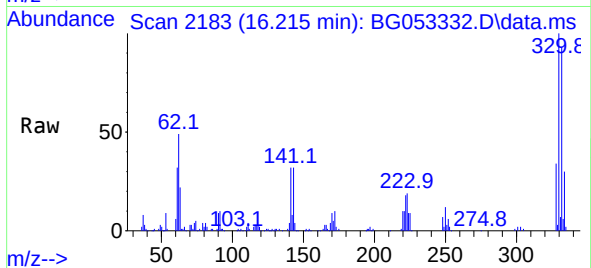
Tgt Ion:164 Resp: 58285
 Ion Ratio Lower Upper
 164 100
 162 97.7 80.0 120.0
 160 42.2 38.8 58.2



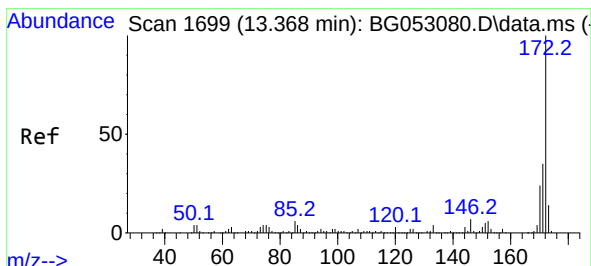
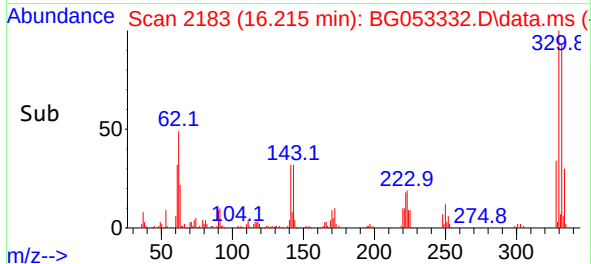
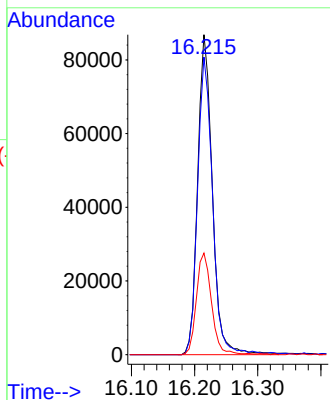


#42
2,4,6-Tribromophenol
Concen: 151.192 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Instrument :
BNA_G
ClientSampleId :
MH-8D

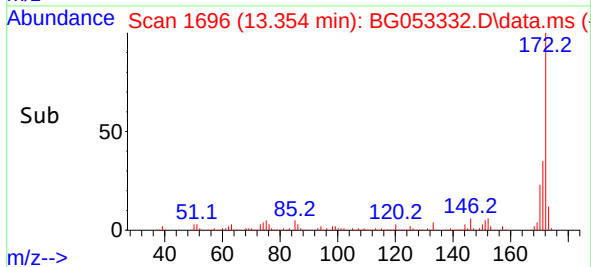
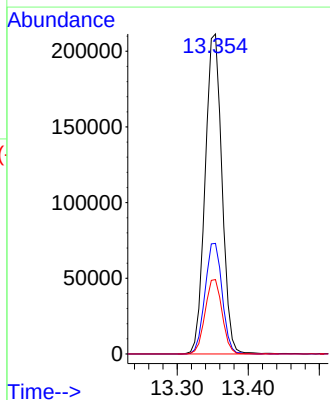
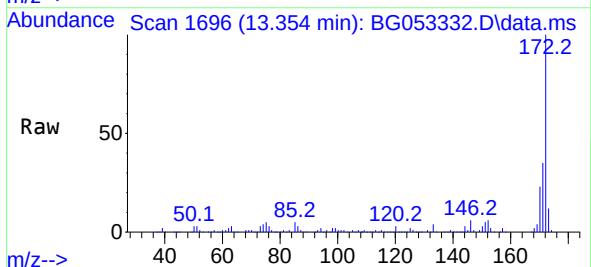


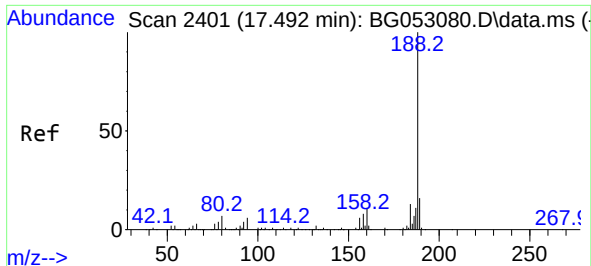
Tgt Ion:330 Resp: 140199
Ion Ratio Lower Upper
330 100
332 94.8 75.8 113.6
141 32.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 82.370 ng
RT: 13.354 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:172 Resp: 348169
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 18.0 27.0

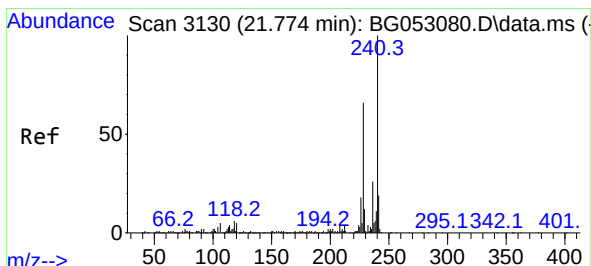
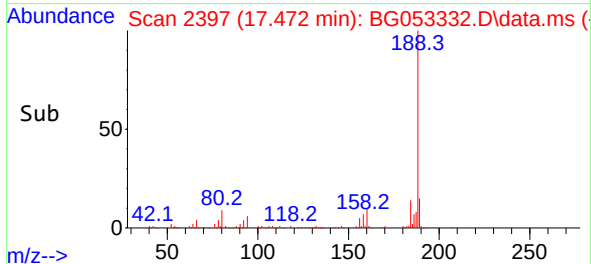
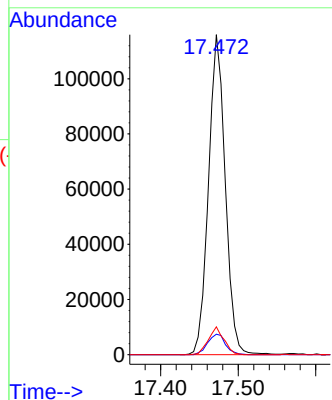
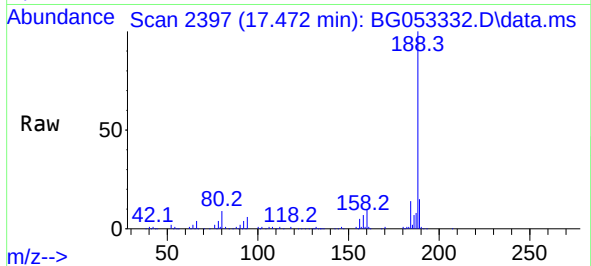




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.472 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

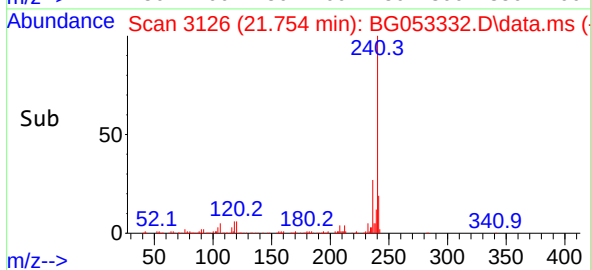
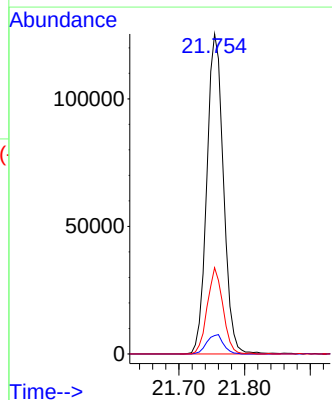
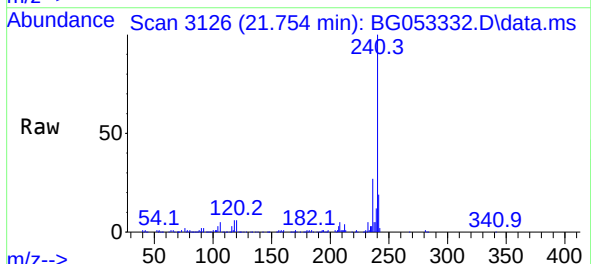
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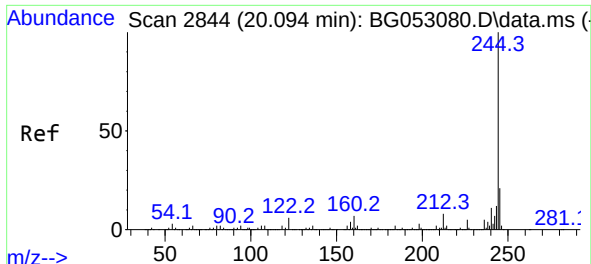
Tgt Ion:188 Resp: 173871
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 8.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:240 Resp: 221217
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 27.0 19.8 29.6

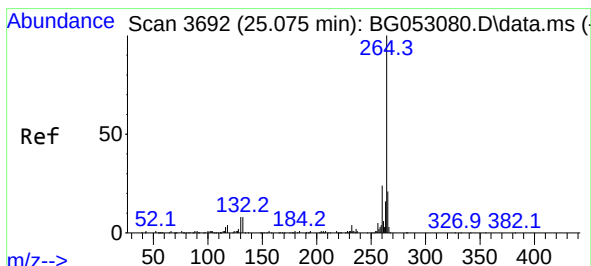
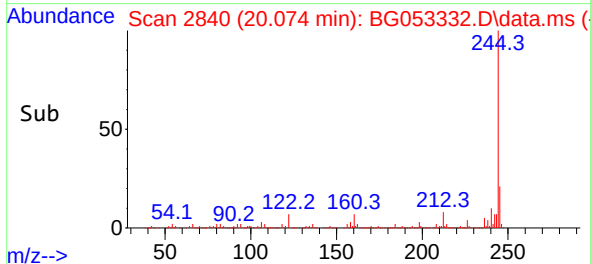
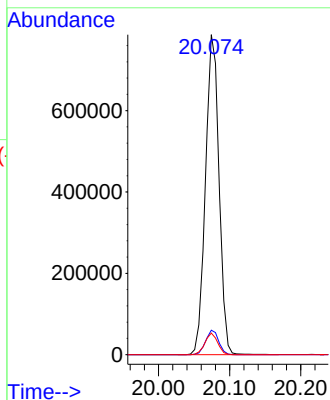
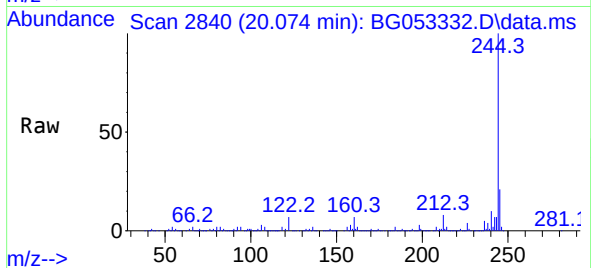




#79
 Terphenyl-d14
 Concen: 79.636 ng
 RT: 20.074 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053332.D
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Instrument :
 BNA_G
 ClientSampleId :
 MH-8D

Tgt Ion:244 Resp: 1043091
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.044 min Scan# 3686
 Delta R.T. -0.017 min
 Lab File: BG053332.D
 Acq: 26 Apr 2022 22:45

Tgt Ion:264 Resp: 216432
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 22.0 15.1 22.7

