

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
 Data File : BG053137.D
 Acq On : 13 Apr 2022 14:08
 Operator : CG/JU
 Sample : N2334-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWO-INCH-WELL

Quant Time: Apr 14 02:56:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

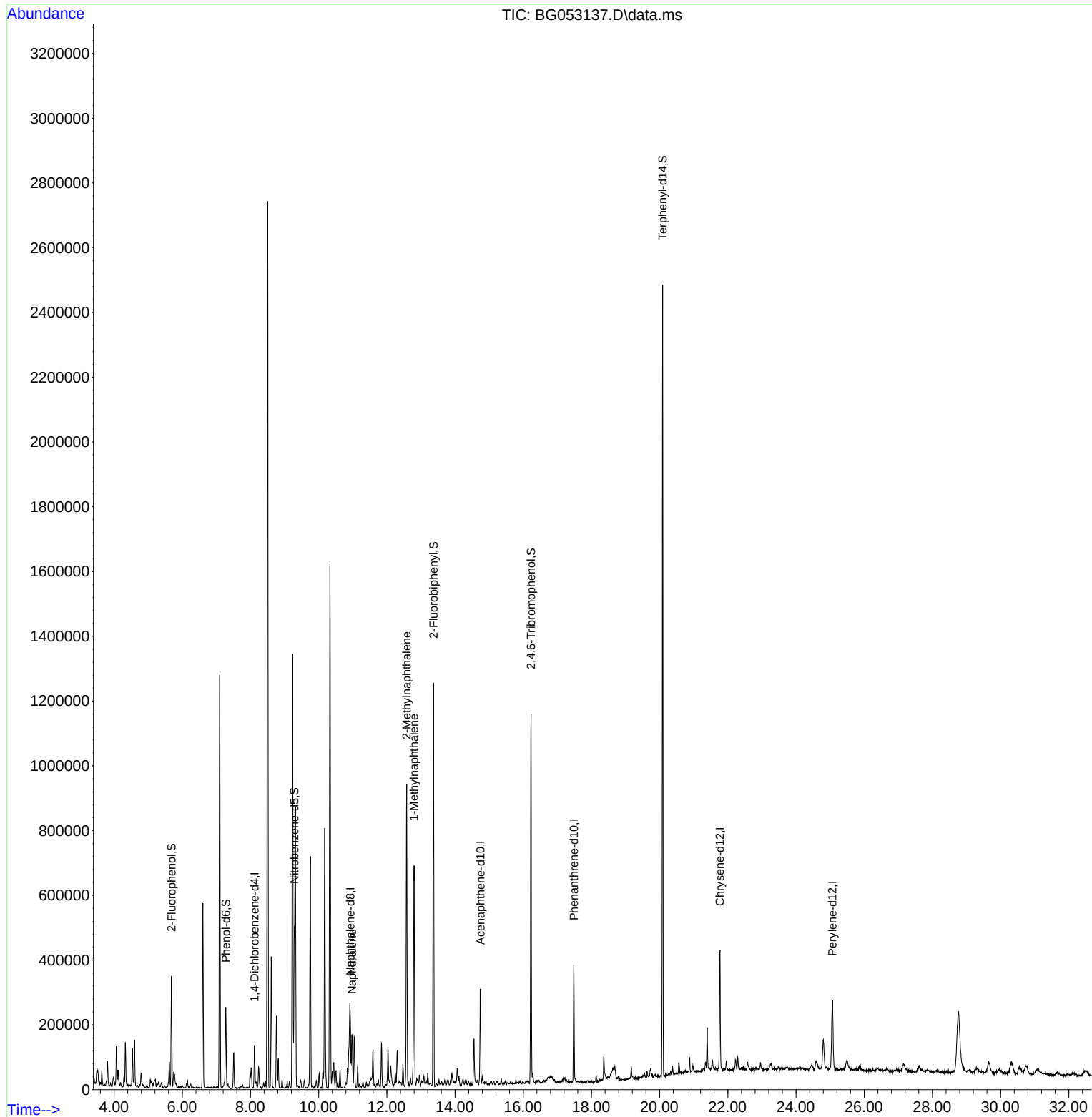
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	34642	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	126410	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	99712	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	230861	20.000	ng	0.00
76) Chrysene-d12	21.769	240	233805	20.000	ng	# 0.00
86) Perylene-d12	25.065	264	236026	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	137827	68.201	ng	0.00
7) Phenol-d6	7.277	99	125005	40.111	ng	0.00
23) Nitrobenzene-d5	9.286	82	288555	92.685	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	229001	144.355	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	664012	91.825	ng	0.00
79) Terphenyl-d14	20.089	244	1189560	85.929	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.984	128	20220	2.998	ng	# 54
37) 2-Methylnaphthalene	12.581	142	427323	85.629	ng	# 95
38) 1-Methylnaphthalene	12.799	142	296535	60.875	ng	# 93

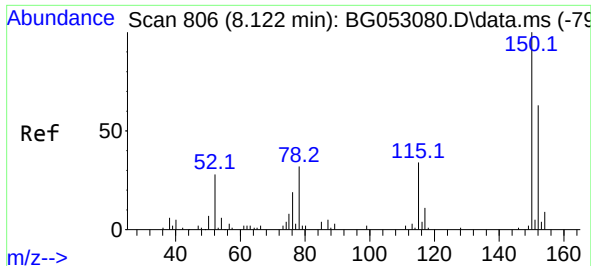
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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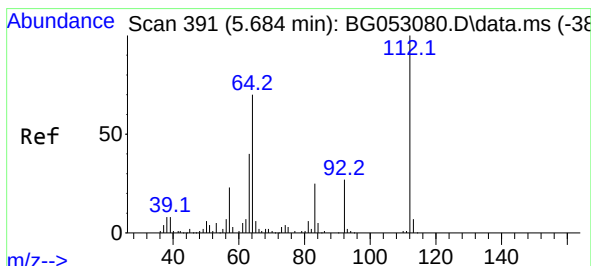
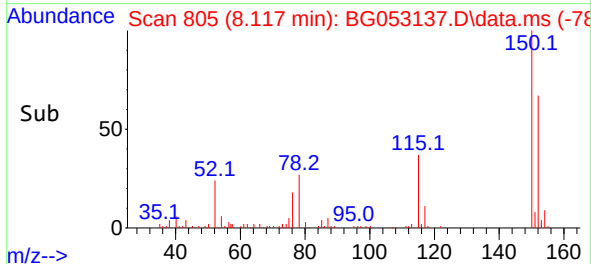
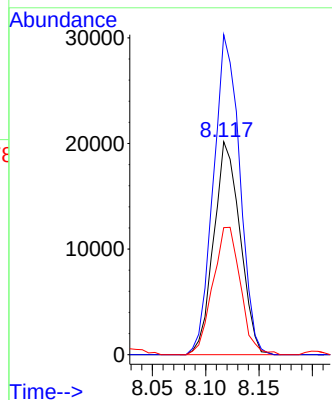
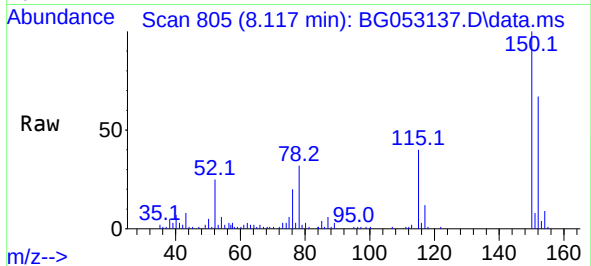




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

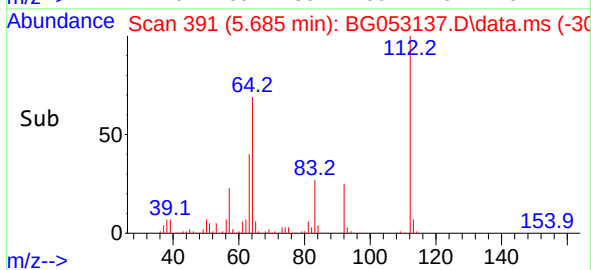
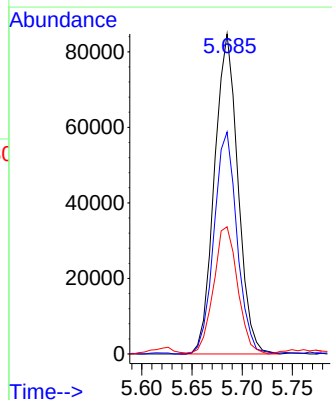
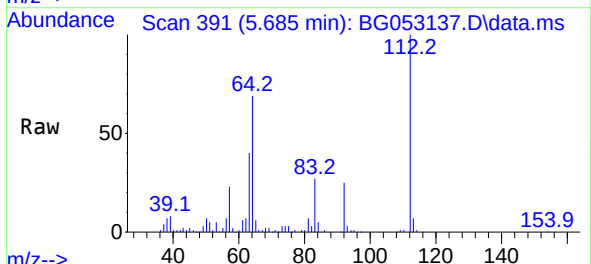
Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

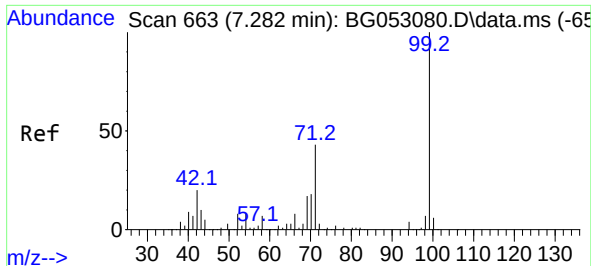
Tgt Ion:152 Resp: 34642
Ion Ratio Lower Upper
152 100
150 150.3 114.6 172.0
115 59.6 45.9 68.9



#5
2-Fluorophenol
Concen: 68.201 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

Tgt Ion:112 Resp: 137827
Ion Ratio Lower Upper
112 100
64 69.4 48.0 72.0
63 39.8 26.5 39.7#

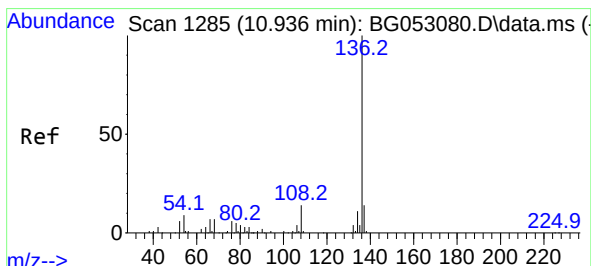
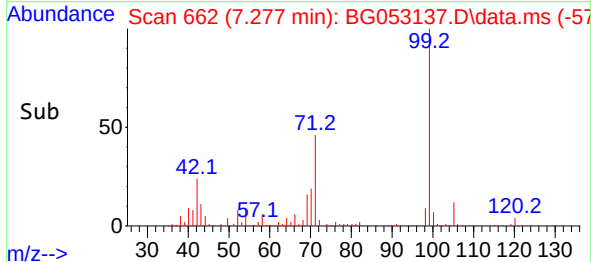
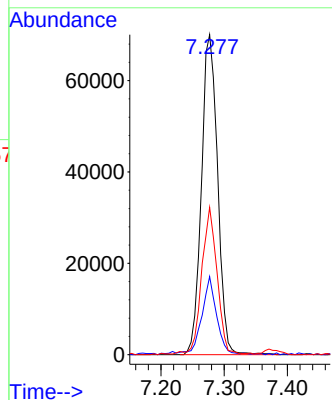
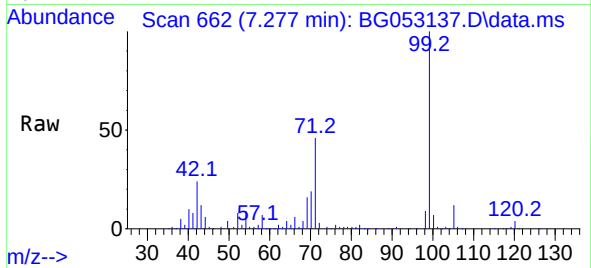




#7
Phenol-d6
Concen: 40.111 ng
RT: 7.277 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

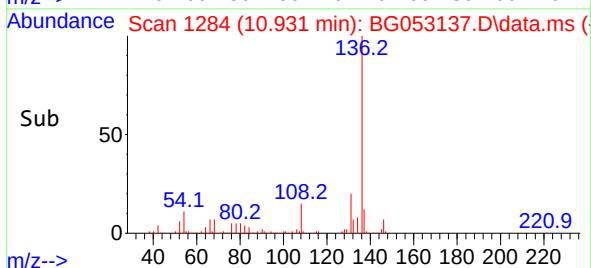
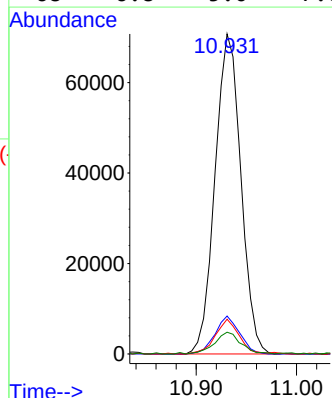
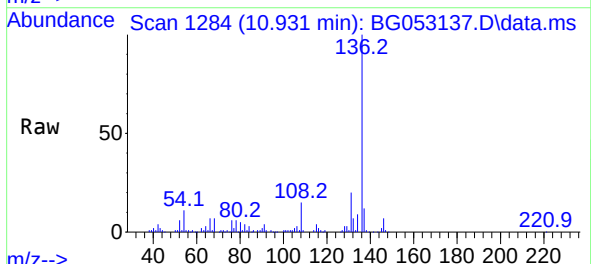
Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

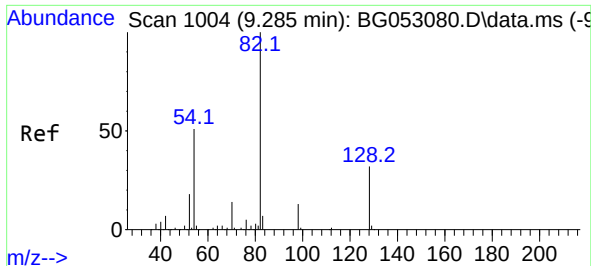
Tgt Ion: 99 Resp: 125005
Ion Ratio Lower Upper
99 100
42 24.4 14.7 22.1#
71 46.0 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

Tgt Ion: 136 Resp: 126410
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 10.9 6.4 9.6#
68 6.8 5.0 7.6

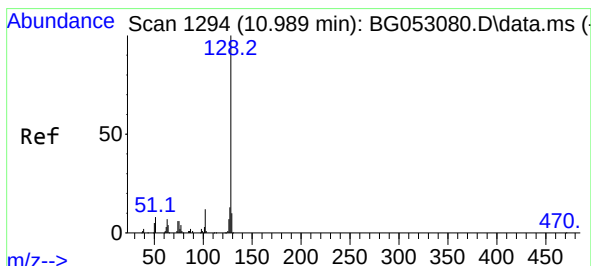
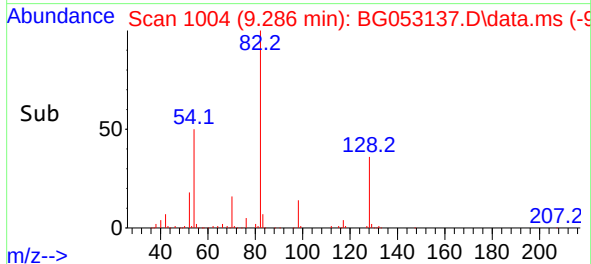
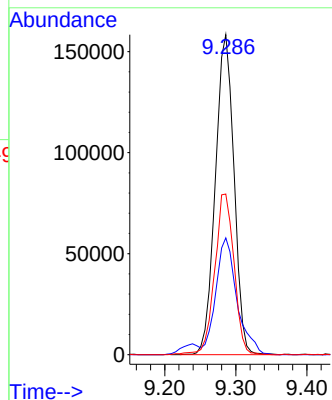
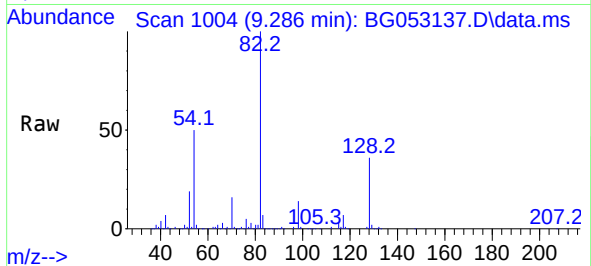




#23
Nitrobenzene-d5
Concen: 92.685 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

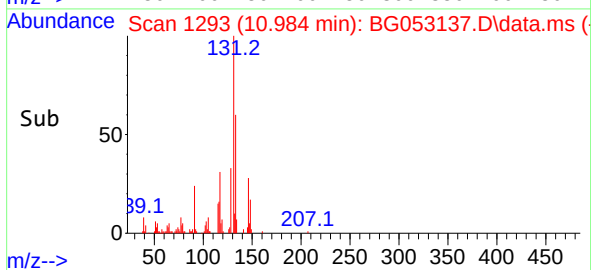
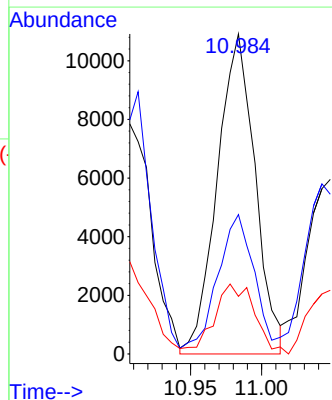
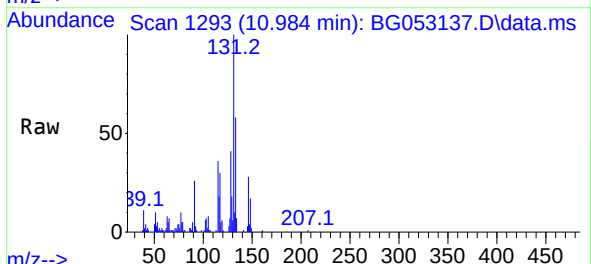
Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

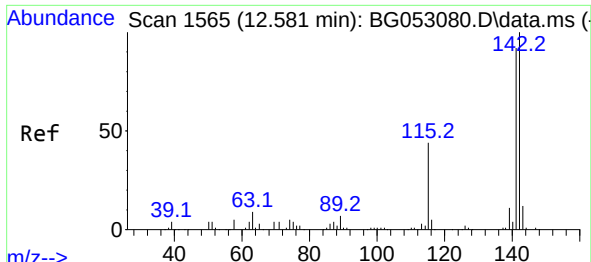
Tgt Ion: 82 Resp: 288555
Ion Ratio Lower Upper
82 100
128 36.5 31.3 46.9
54 50.2 37.8 56.8



#31
Naphthalene
Concen: 2.998 ng
RT: 10.984 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

Tgt Ion: 128 Resp: 20220
Ion Ratio Lower Upper
128 100
129 43.5 8.8 13.2#
127 18.0 10.5 15.7#





#37

2-Methylnaphthalene

Concen: 85.629 ng

RT: 12.581 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG053137.D

Acq: 13 Apr 2022 14:08

Instrument :

BNA_G

ClientSampleId :

TWO-INCH-WELL

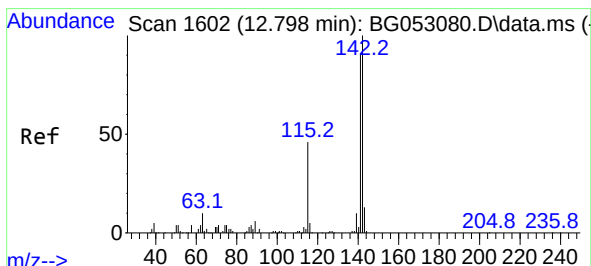
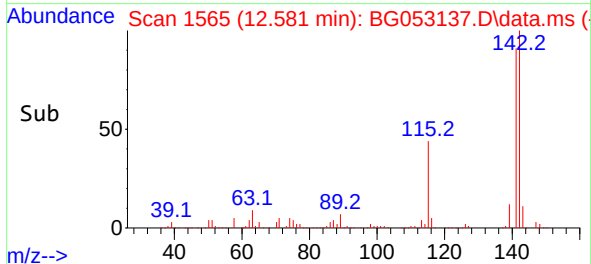
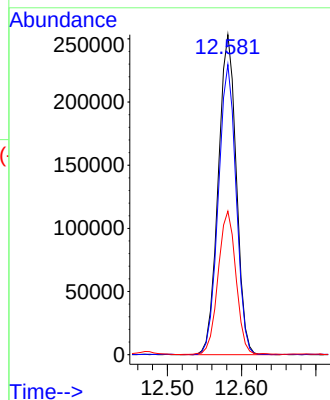
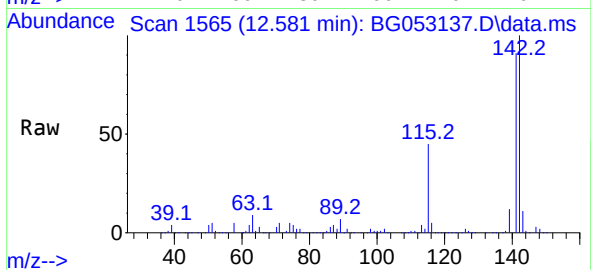
Tgt Ion:142 Resp: 427323

Ion Ratio Lower Upper

142 100

141 90.7 71.3 106.9

115 44.8 29.5 44.3#



#38

1-Methylnaphthalene

Concen: 60.875 ng

RT: 12.799 min Scan# 1602

Delta R.T. 0.001 min

Lab File: BG053137.D

Acq: 13 Apr 2022 14:08

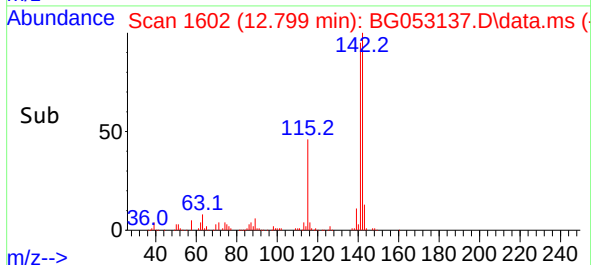
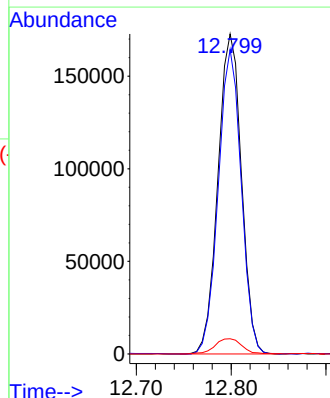
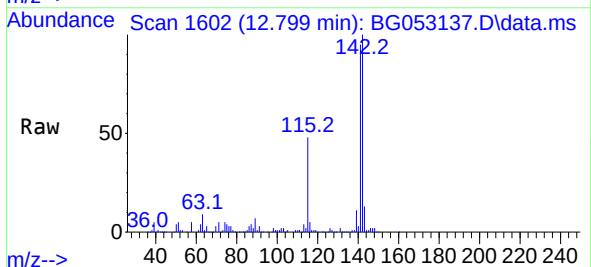
Tgt Ion:142 Resp: 296535

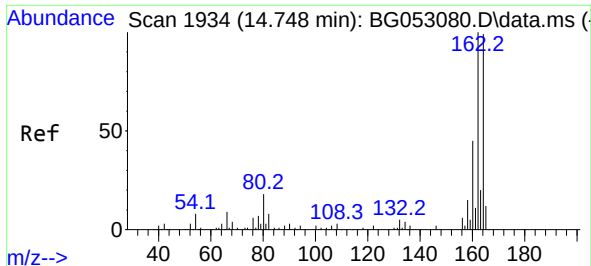
Ion Ratio Lower Upper

142 100

141 95.1 70.5 105.7

116 4.8 3.1 4.7#

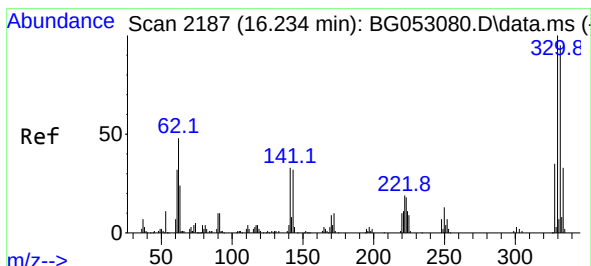
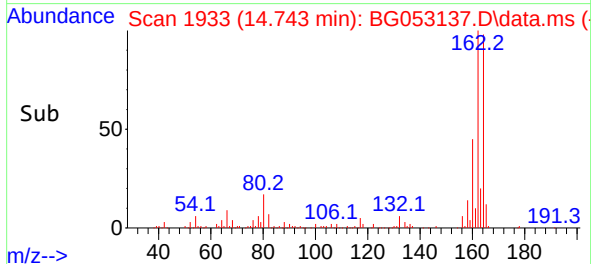
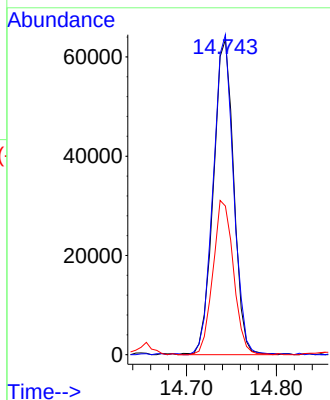
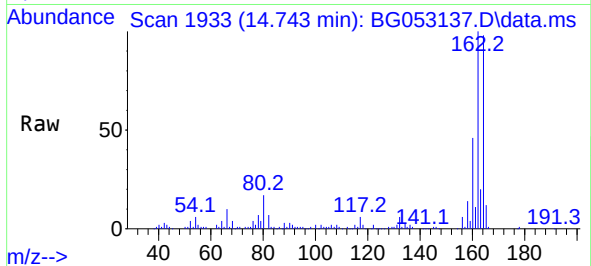




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

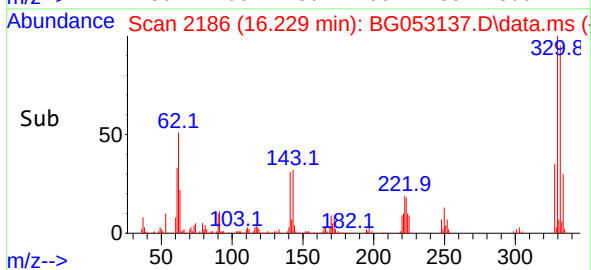
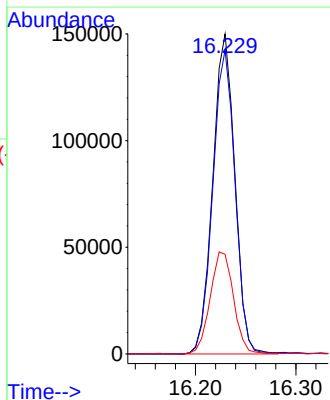
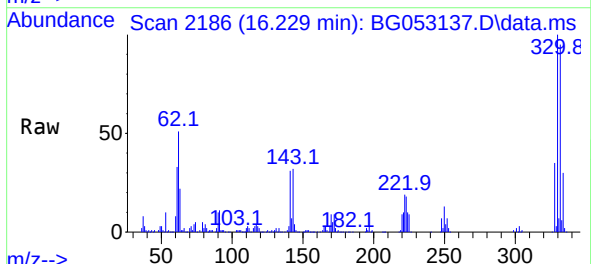
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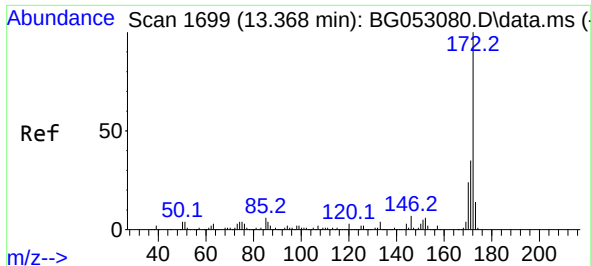
Tgt Ion:164 Resp: 99712
Ion Ratio Lower Upper
164 100
162 101.5 80.0 120.0
160 47.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 144.355 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

Tgt Ion:330 Resp: 229001
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 33.9 24.6 36.8

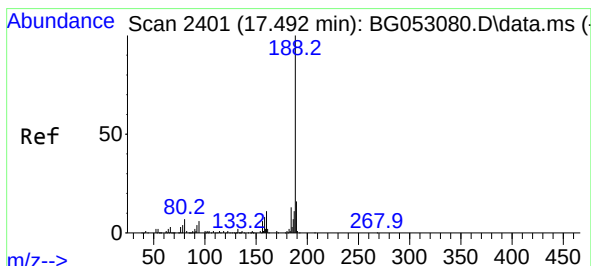
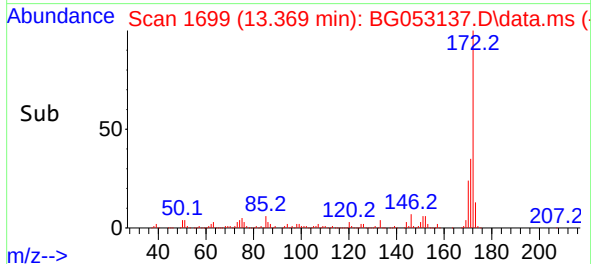
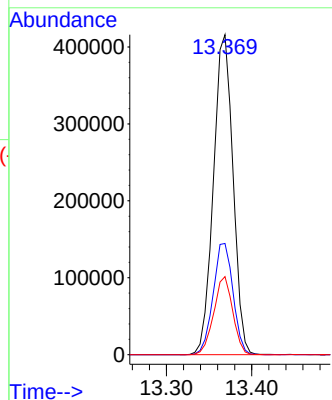
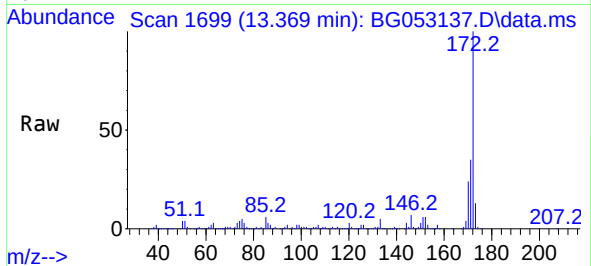




#45
2-Fluorobiphenyl
Concen: 91.825 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

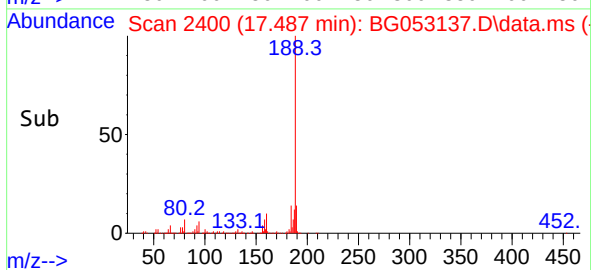
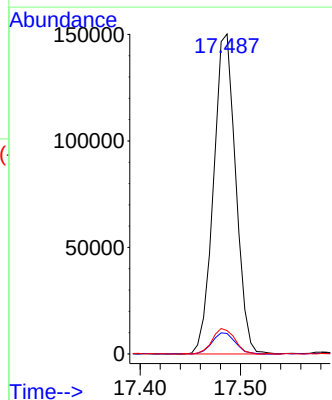
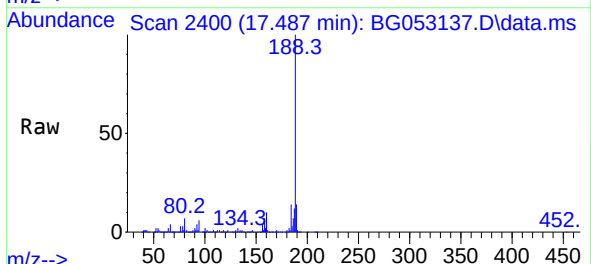
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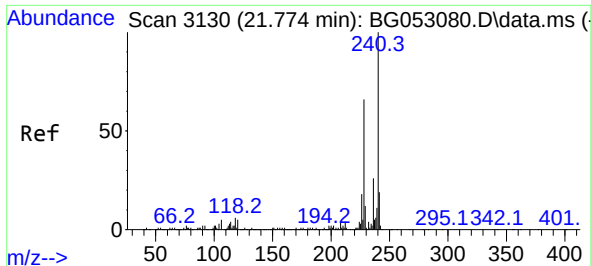
Tgt Ion:172 Resp: 664012
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 24.4 18.0 27.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

Tgt Ion:188 Resp: 230861
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.3 7.2 10.8

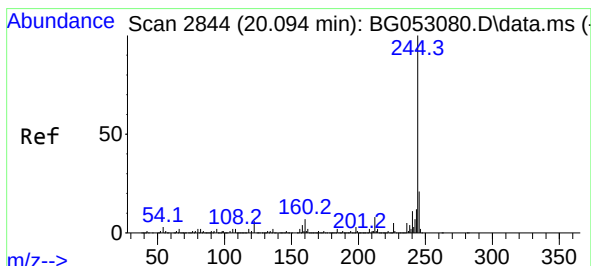
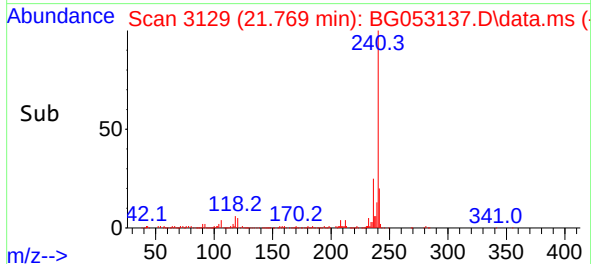
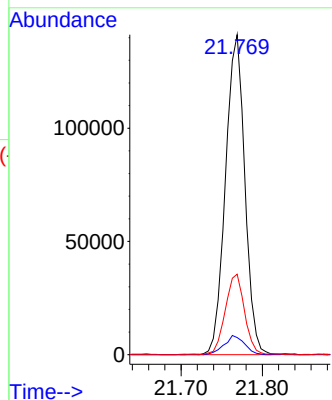
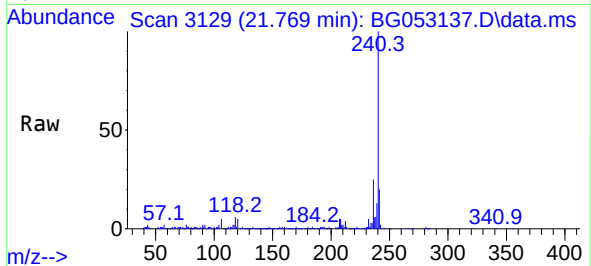




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

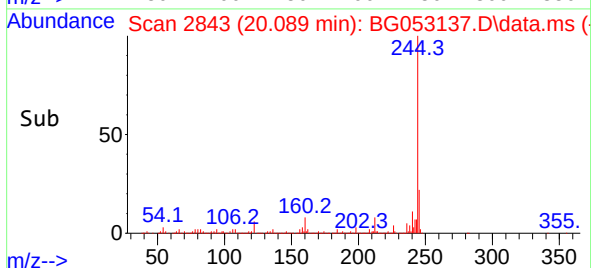
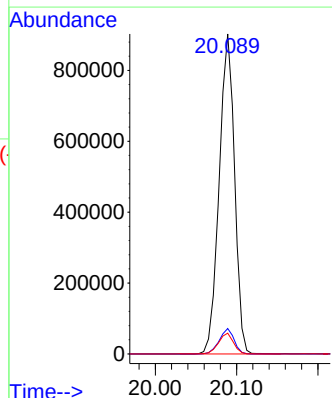
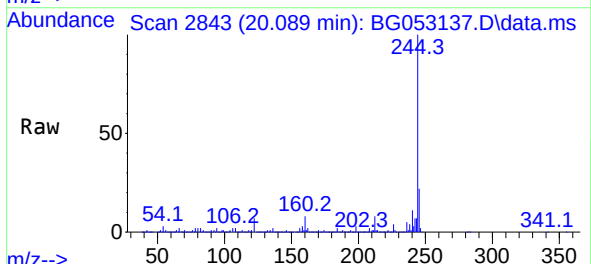
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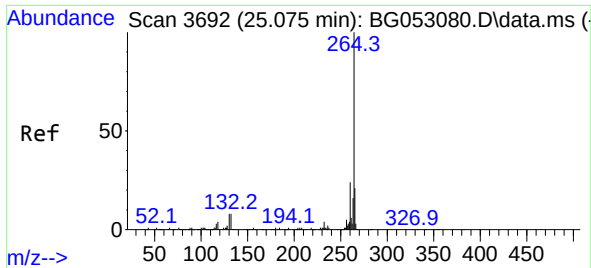
Tgt Ion:240 Resp: 233805
Ion Ratio Lower Upper
240 100
120 5.3 5.4 8.0#
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 85.929 ng
RT: 20.089 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053137.D
Acq: 13 Apr 2022 14:08

Tgt Ion:244 Resp: 1189560
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053137.D
 Acq: 13 Apr 2022 14:08

Instrument :
 BNA_G
 ClientSampleId :
 TWO-INCH-WELL

Tgt Ion:264 Resp: 236026
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 21.6 15.1 22.7

