

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053314.D
 Acq On : 26 Apr 2022 10:39
 Operator : CG/JU
 Sample : PB144297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144297BL

Quant Time: Apr 27 03:36:18 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	8.107	152	27309	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	111894	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	84062	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	212271	20.000	ng	-0.01
76) Chrysene-d12	21.760	240	220627	20.000	ng	0.00
86) Perylene-d12	25.055	264	215512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	228986	143.734	ng	0.00
7) Phenol-d6	7.267	99	326577	132.930	ng	0.00
23) Nitrobenzene-d5	9.271	82	228733	83.001	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	167878	125.526	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	515212	84.512	ng	0.00
79) Terphenyl-d14	20.079	244	1122750	85.947	ng	0.00

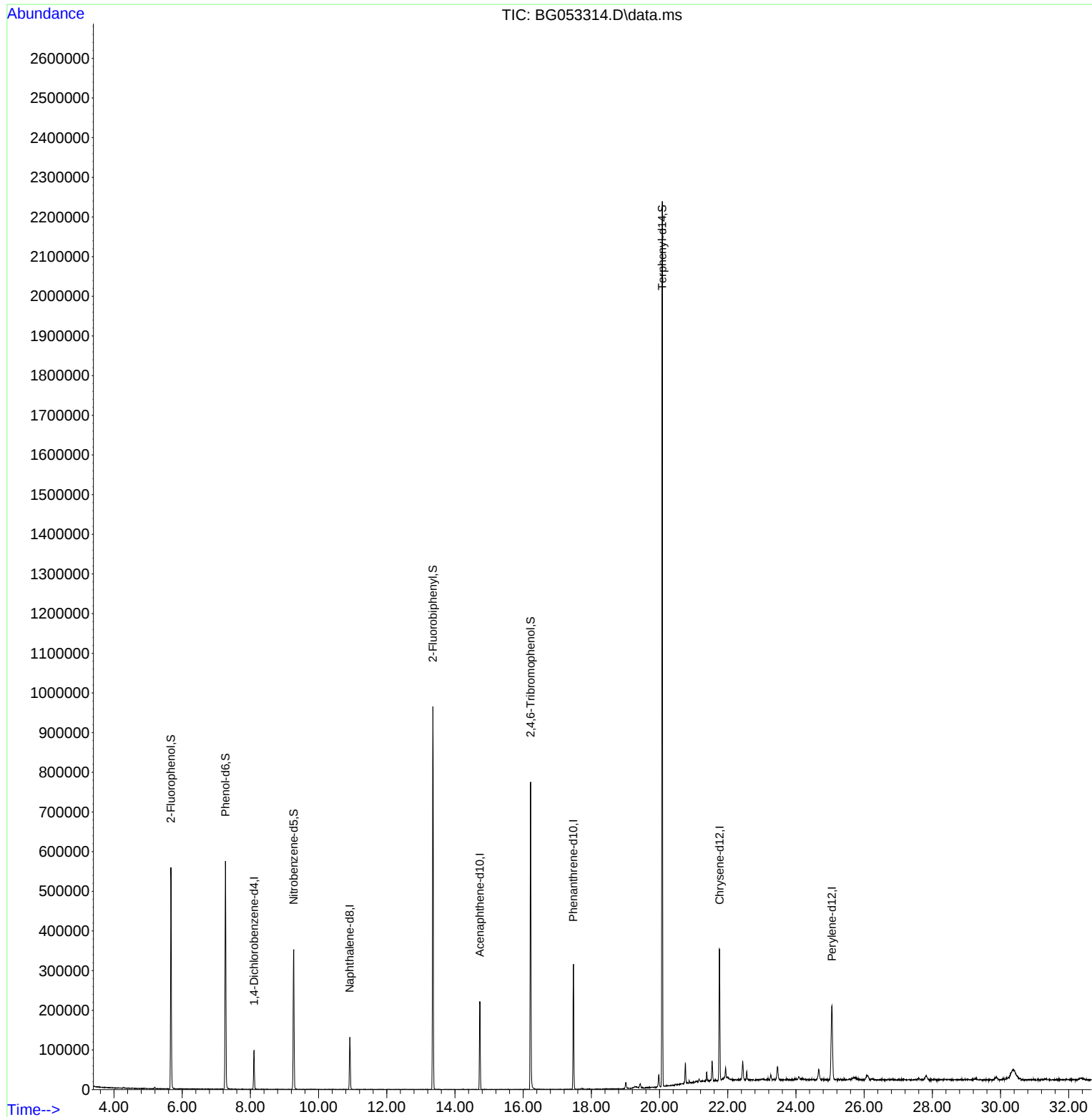
Target Compounds	Qvalue

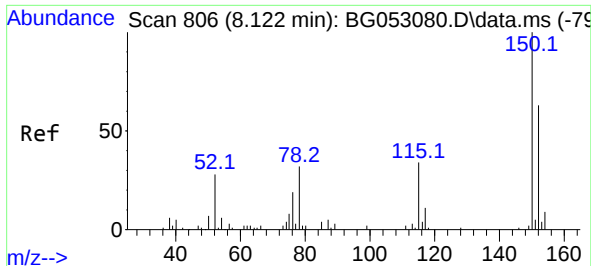
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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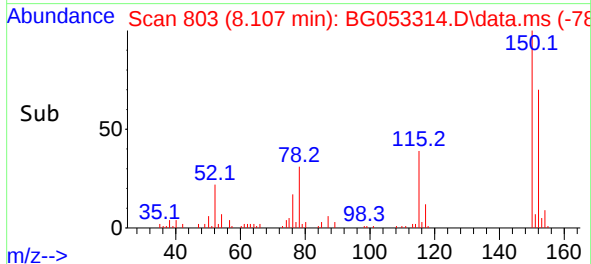
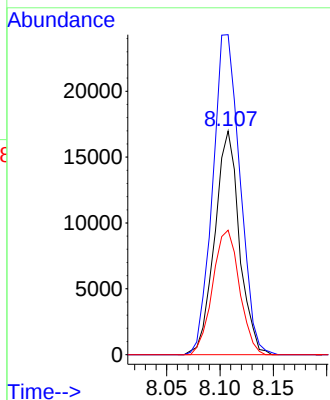
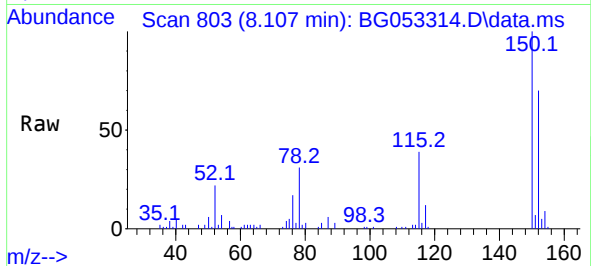




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

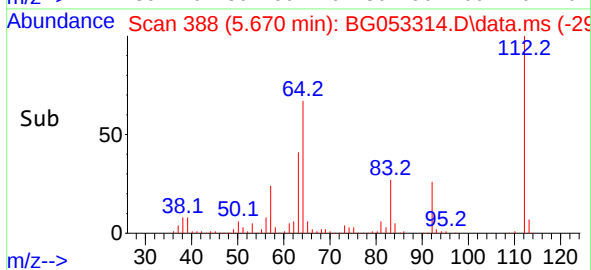
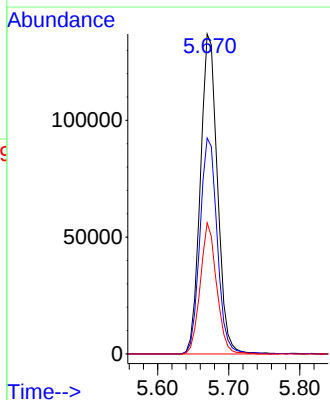
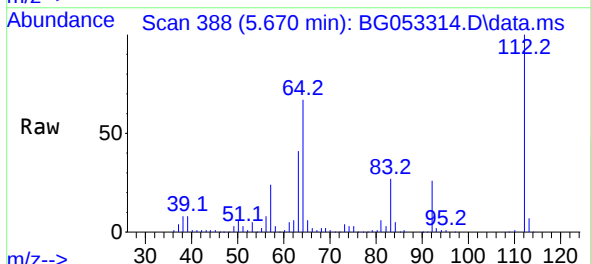
Instrument :
BNA_G
ClientSampleId :
PB144297BL

Tgt Ion:152 Resp: 27309
Ion Ratio Lower Upper
152 100
150 143.1 114.6 172.0
115 55.6 45.9 68.9



#5
2-Fluorophenol
Concen: 143.734 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion:112 Resp: 228986
Ion Ratio Lower Upper
112 100
64 67.5 48.0 72.0
63 41.0 26.5 39.7#

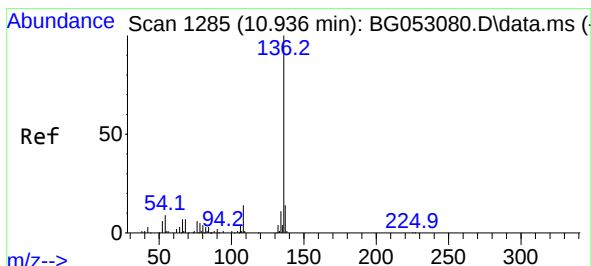
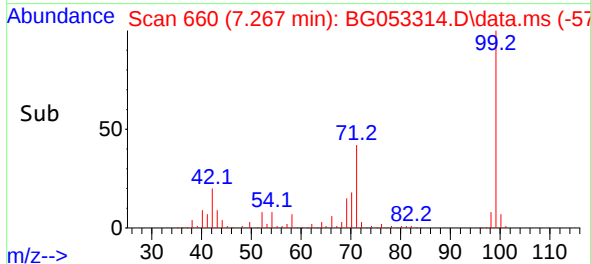
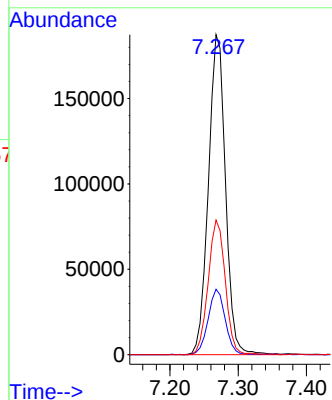
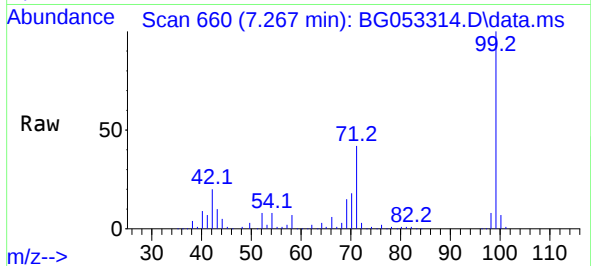




#7
Phenol-d6
Concen: 132.930 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

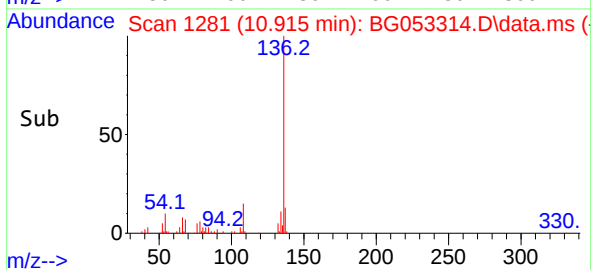
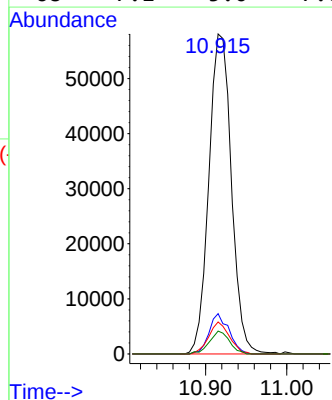
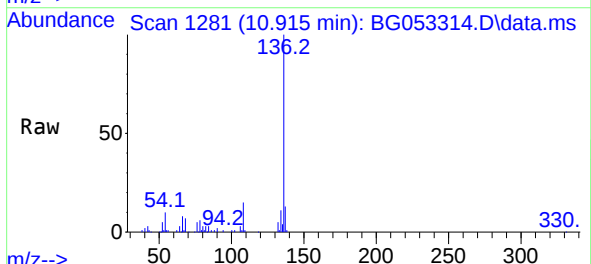
Instrument :
BNA_G
ClientSampleId :
PB144297BL

Tgt Ion: 99 Resp: 326577
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 42.1 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: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion:136 Resp: 111894
Ion Ratio Lower Upper
136 100
137 12.6 9.4 14.2
54 10.0 6.4 9.6#
68 7.1 5.0 7.6

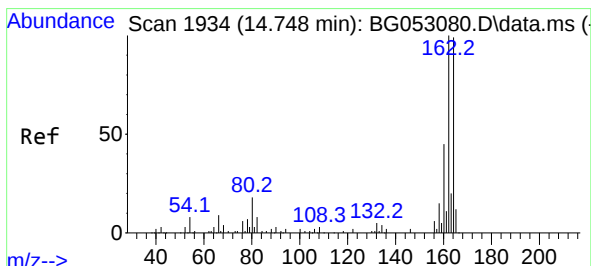
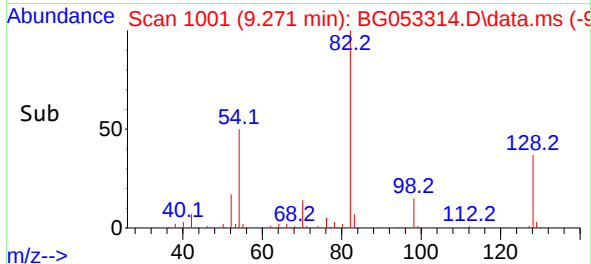
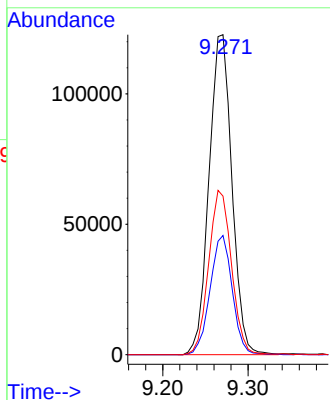
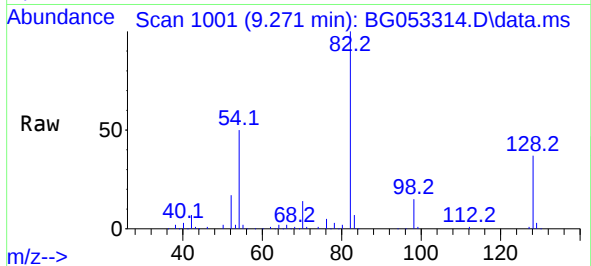




#23
Nitrobenzene-d5
Concen: 83.001 ng
RT: 9.271 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

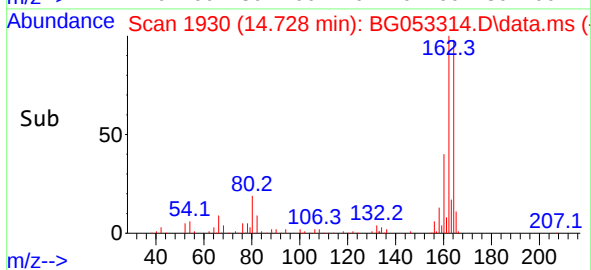
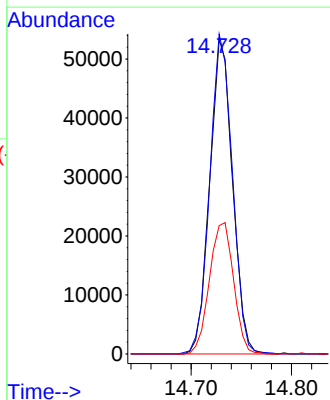
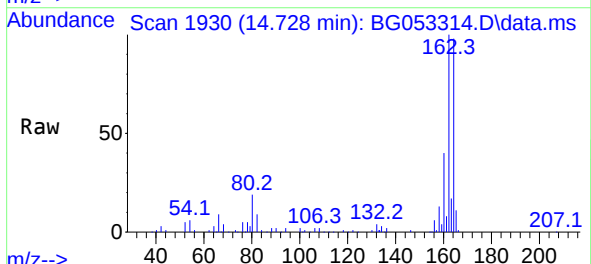
Instrument :
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ClientSampleId :
PB144297BL

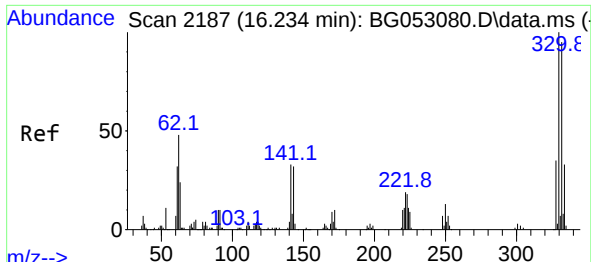
Tgt Ion: 82 Resp: 228733
Ion Ratio Lower Upper
82 100
128 37.3 31.3 46.9
54 49.6 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion:164 Resp: 84062
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 40.8 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 125.526 ng

RT: 16.220 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

Instrument :

BNA_G

ClientSampleId :

PB144297BL

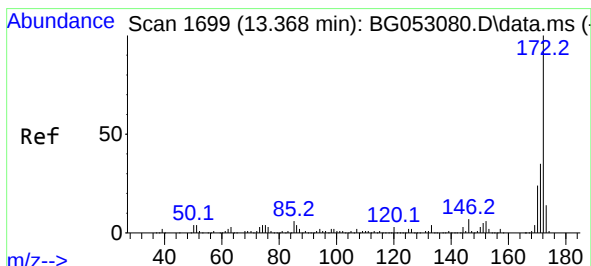
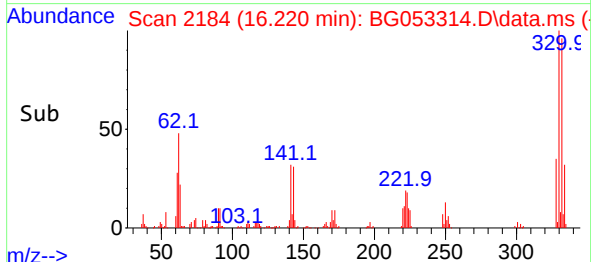
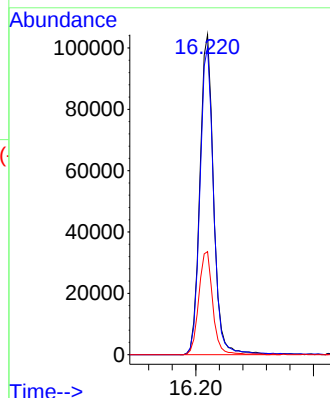
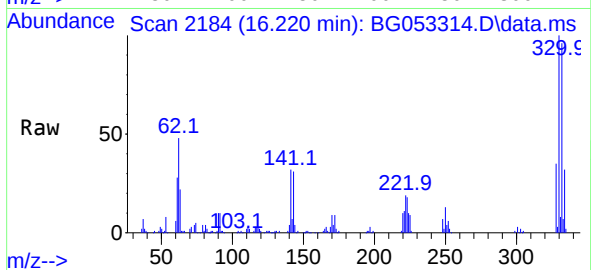
Tgt Ion:330 Resp: 167878

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

141 32.8 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 84.512 ng

RT: 13.353 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

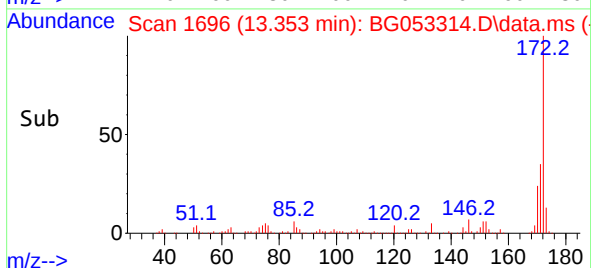
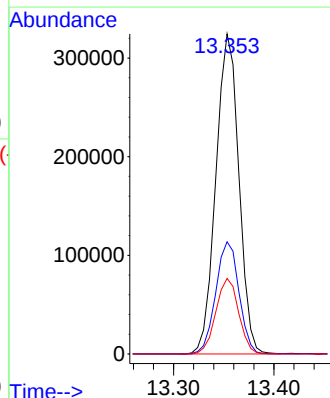
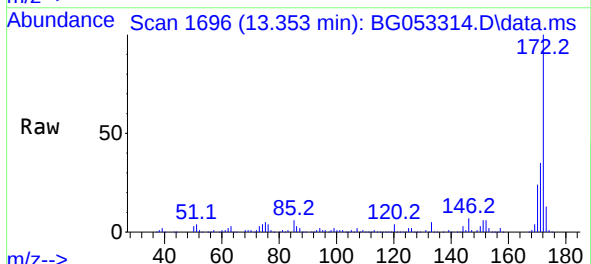
Tgt Ion:172 Resp: 515212

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 18.0 27.0

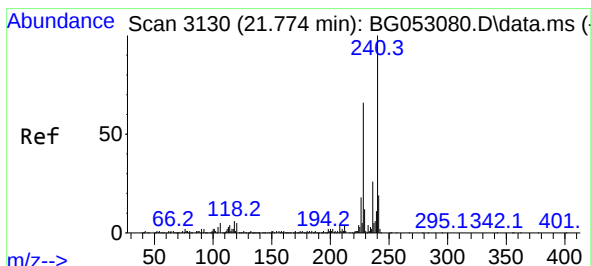
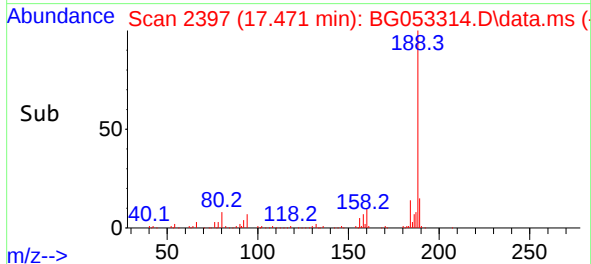
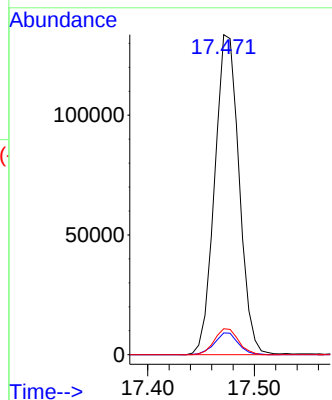
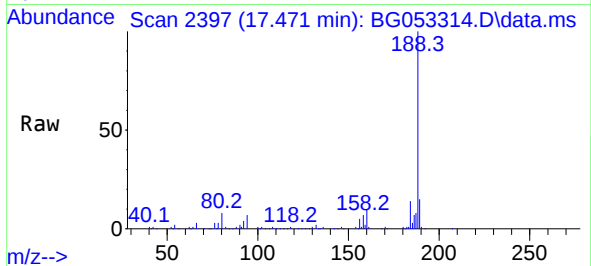




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 211
Delta R.T. -0.012 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

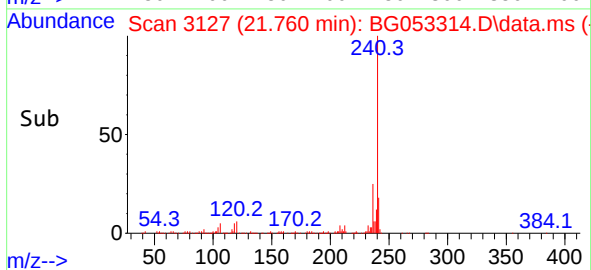
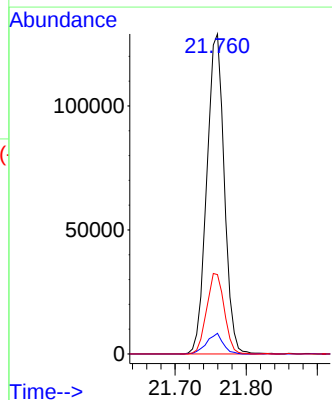
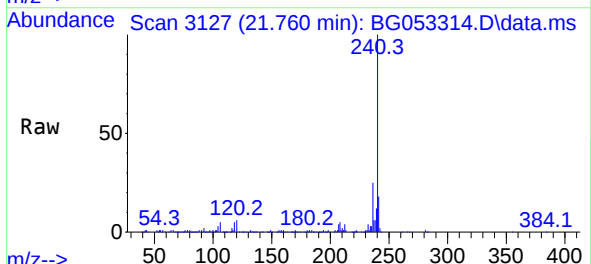
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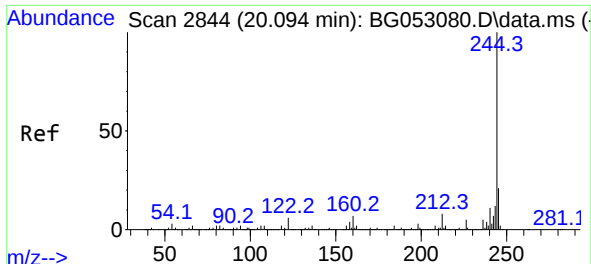
Tgt Ion:188 Resp: 212271
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

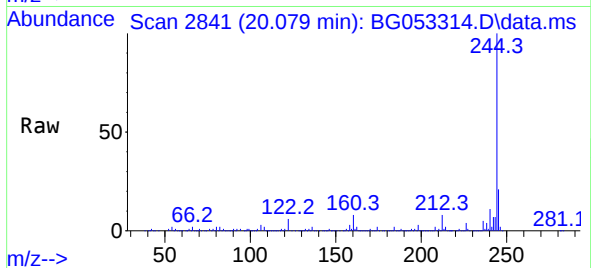
Tgt Ion:240 Resp: 220627
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 24.8 19.8 29.6



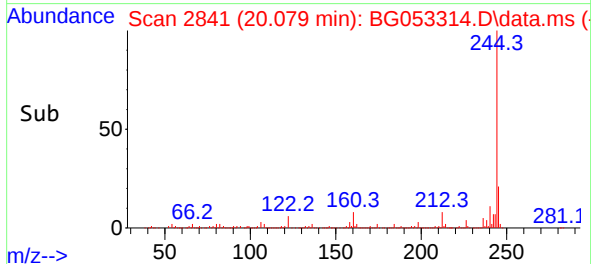
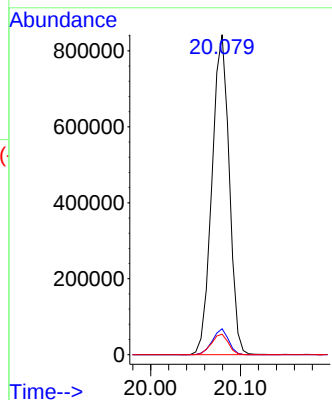


#79
 Terphenyl-d14
 Concen: 85.947 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053314.D
 Acq: 26 Apr 2022 10:39

Instrument :
 BNA_G
 ClientSampleId :
 PB144297BL



Tgt Ion:244 Resp: 1122750
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.055 min Scan# 3688
 Delta R.T. -0.006 min
 Lab File: BG053314.D
 Acq: 26 Apr 2022 10:39

Tgt Ion:264 Resp: 215512
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 21.1 15.1 22.7

