

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053022.D
 Acq On : 5 Apr 2022 00:14
 Operator : CG/JU
 Sample : N2220-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A02015

Quant Time: Apr 05 01:08:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	35313	20.000	ng	#-0.02
21) Naphthalene-d8	10.942	136	143629	20.000	ng	-0.02
39) Acenaphthene-d10	14.748	164	100204	20.000	ng	-0.02
64) Phenanthrene-d10	17.492	188	231123	20.000	ng	-0.01
76) Chrysene-d12	21.774	240	240345	20.000	ng	-0.02
86) Perylene-d12	25.070	264	254023	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	233186	114.999	ng	0.00
7) Phenol-d6	7.282	99	345033	112.867	ng	0.00
23) Nitrobenzene-d5	9.285	82	249031	87.022	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	166453	123.622	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	524214	77.156	ng	-0.02
79) Terphenyl-d14	20.094	244	987068	73.055	ng	-0.02

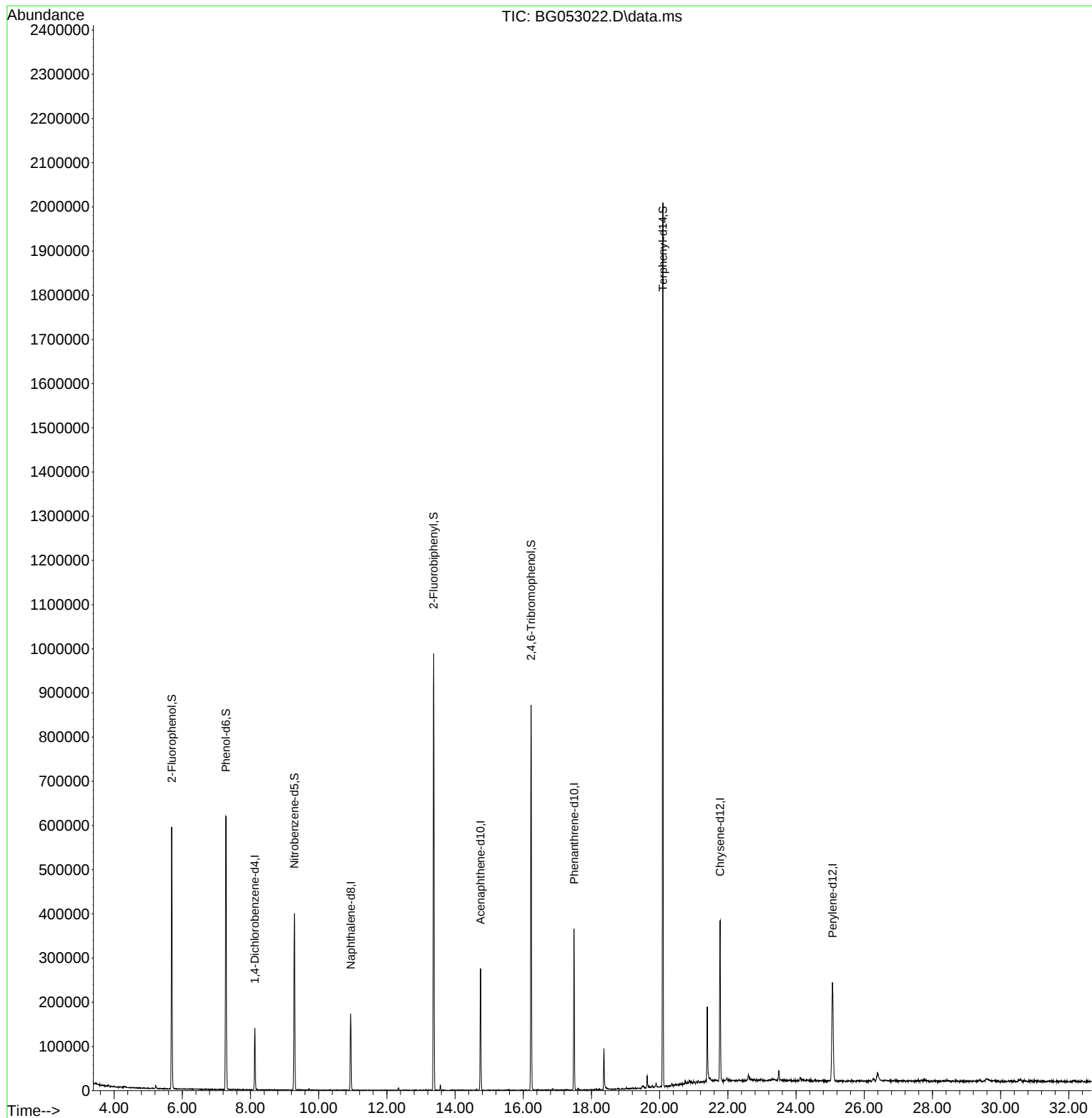
Target Compounds	Qvalue

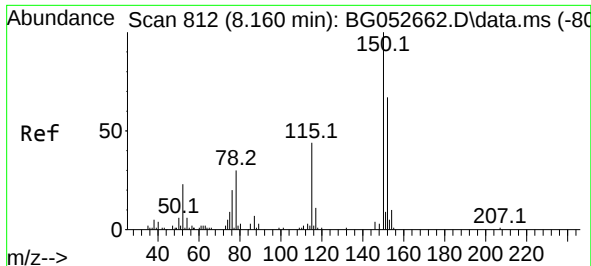
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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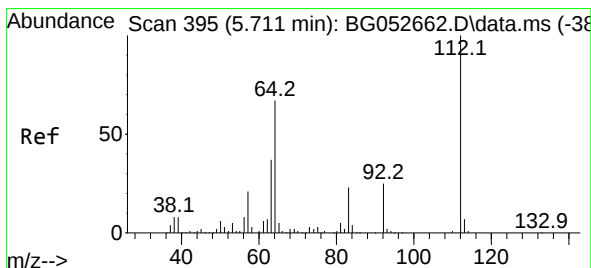
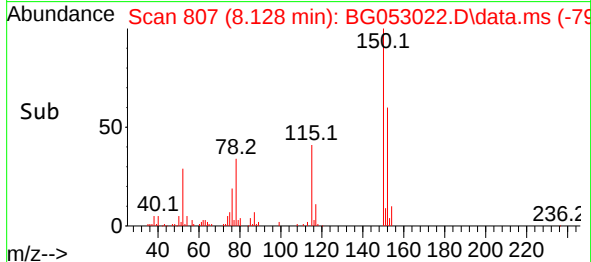
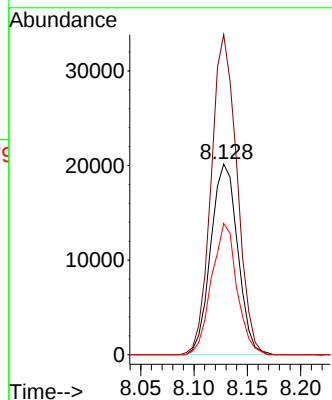
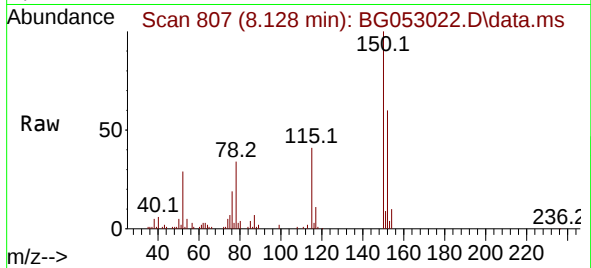




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

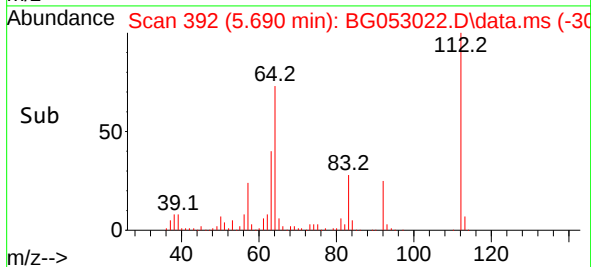
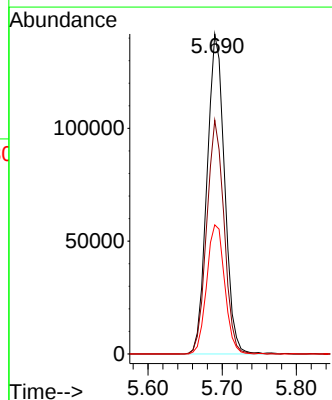
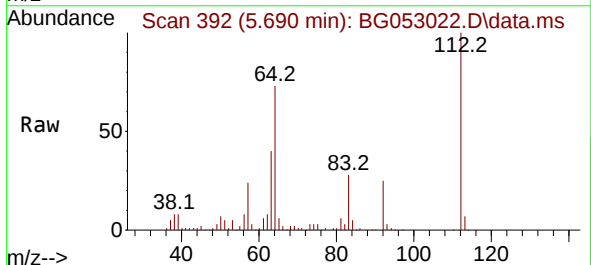
Instrument :
BNA_G
ClientSampleId :
A02015

Tgt Ion:152 Resp: 35313
Ion Ratio Lower Upper
152 100
150 168.0 114.6 172.0
115 68.9 45.9 68.9#



#5
2-Fluorophenol
Concen: 114.999 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.007 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion:112 Resp: 233186
Ion Ratio Lower Upper
112 100
64 73.0 48.0 72.0#
63 40.4 26.5 39.7#

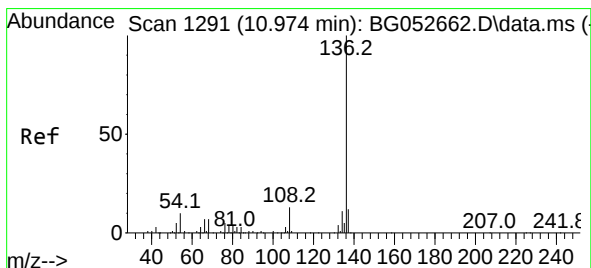
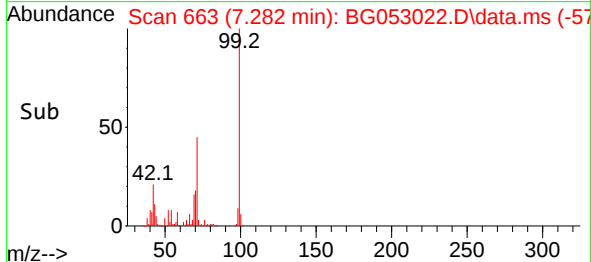
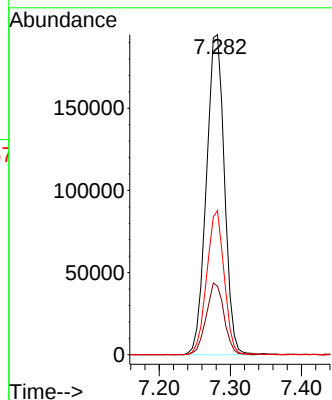
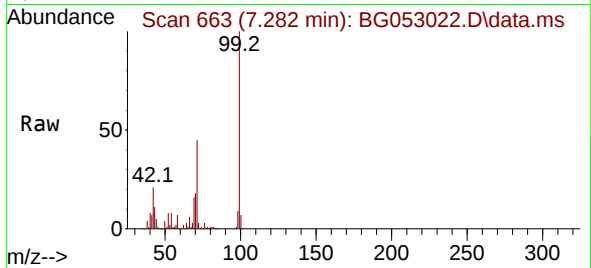




#7
Phenol-d6
Concen: 112.867 ng
RT: 7.282 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

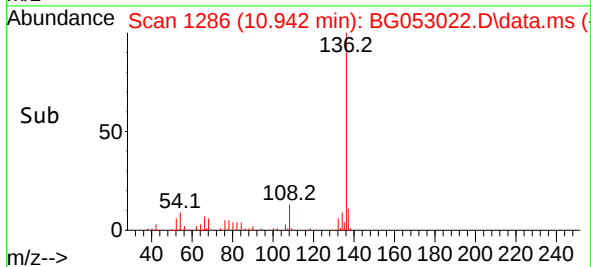
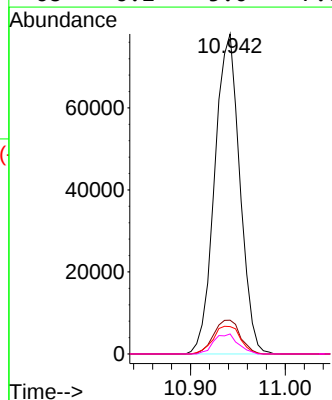
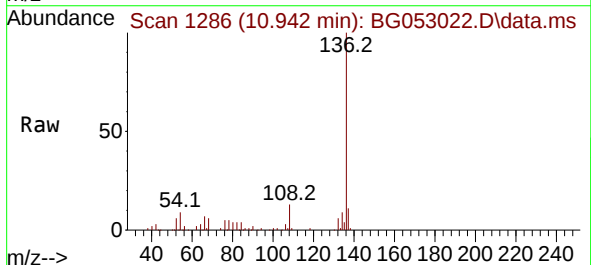
Instrument :
BNA_G
ClientSampleId :
A02015

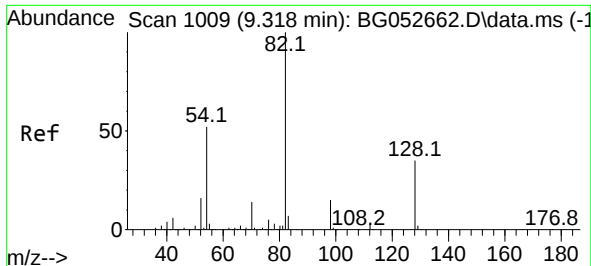
Tgt Ion: 99 Resp: 345033
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 45.0 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 1286
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion: 136 Resp: 143629
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.2
54 8.6 6.4 9.6
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.022 ng

RT: 9.285 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BG053022.D

Acq: 5 Apr 2022 00:14

Instrument :

BNA_G

ClientSampleId :

A02015

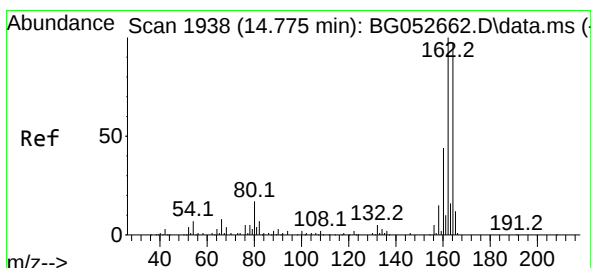
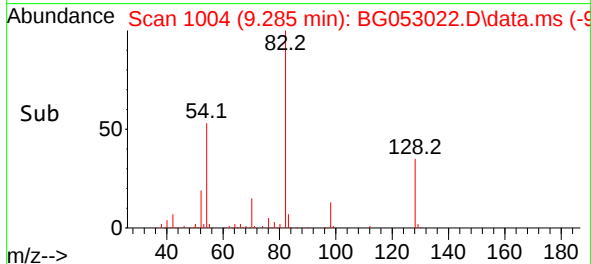
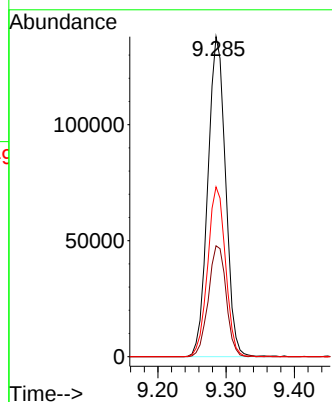
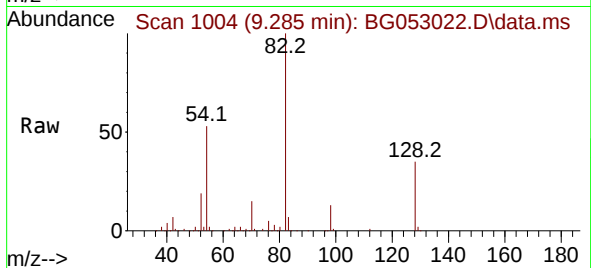
Tgt Ion: 82 Resp: 249031

Ion Ratio Lower Upper

82 100

128 34.7 31.3 46.9

54 53.0 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.748 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG053022.D

Acq: 5 Apr 2022 00:14

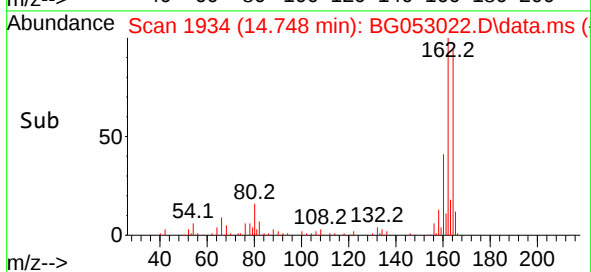
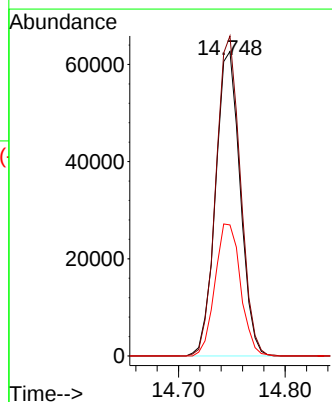
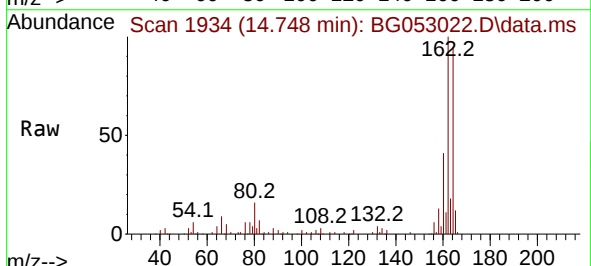
Tgt Ion: 164 Resp: 100204

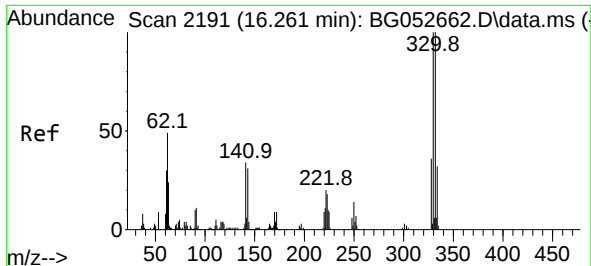
Ion Ratio Lower Upper

164 100

162 105.1 80.0 120.0

160 43.0 38.8 58.2

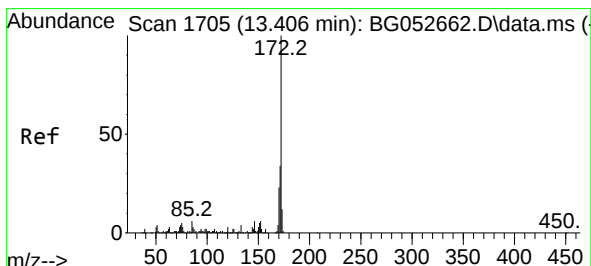
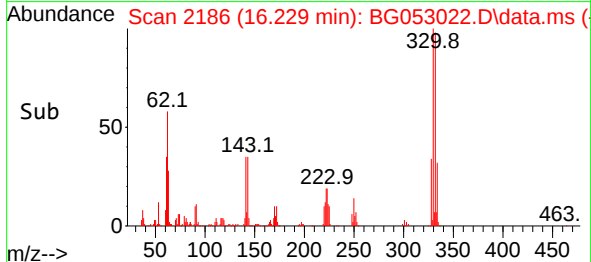
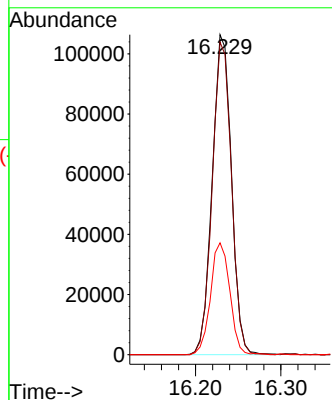
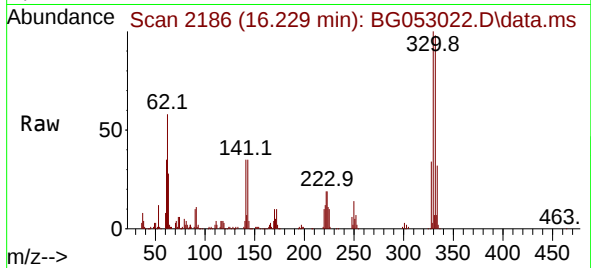




#42
2,4,6-Tribromophenol
Concen: 123.622 ng
RT: 16.229 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

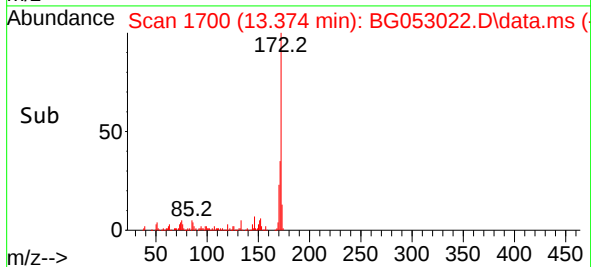
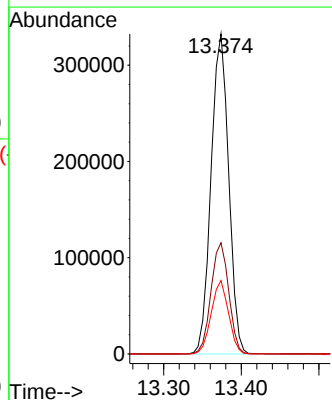
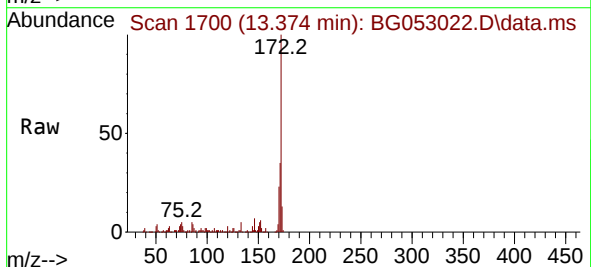
Instrument :
BNA_G
ClientSampleId :
A02015

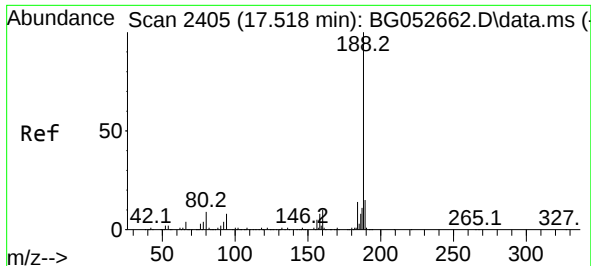
Tgt Ion:330 Resp: 166453
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.6
141 35.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 77.156 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion:172 Resp: 524214
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.0 18.0 27.0

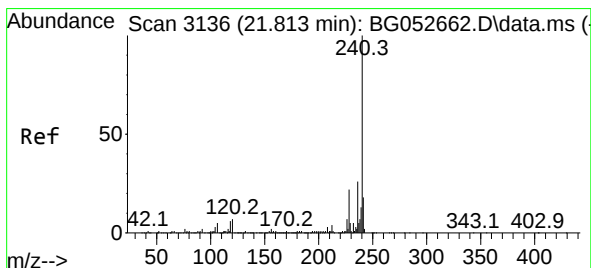
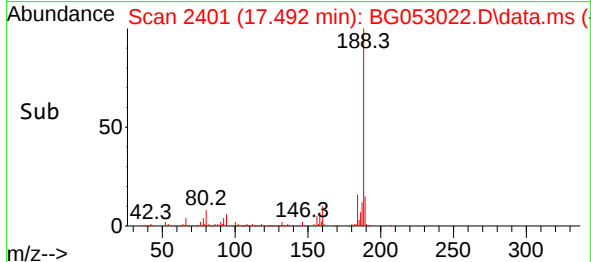
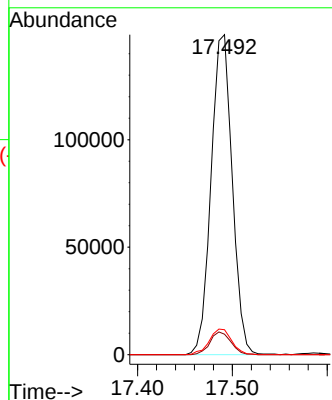
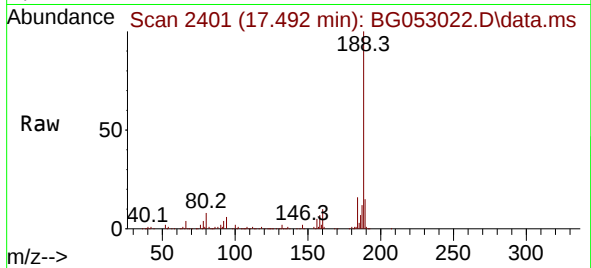




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

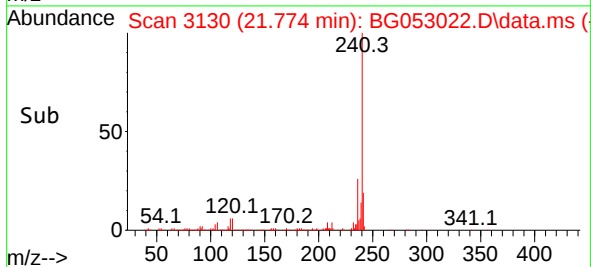
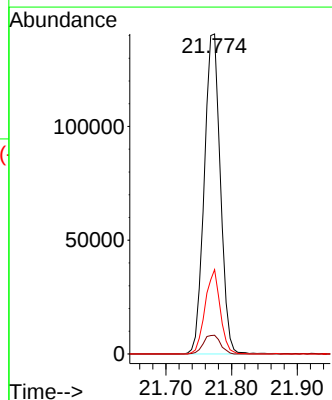
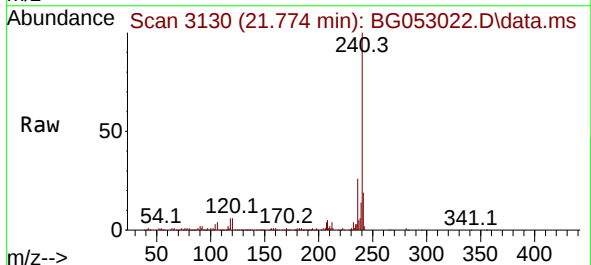
Instrument :
BNA_G
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A02015

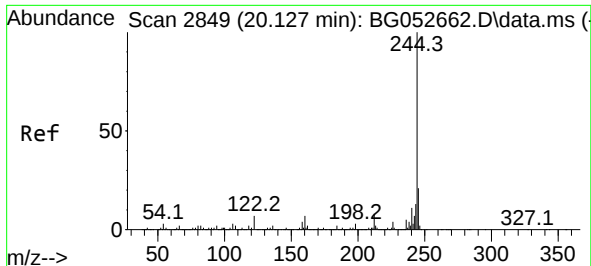
Tgt Ion:188 Resp: 231123
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 3130
Delta R.T. -0.024 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion:240 Resp: 240345
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.4 19.8 29.6

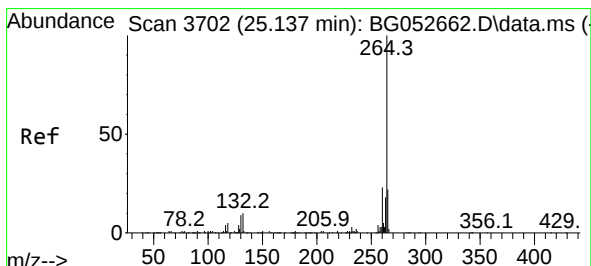
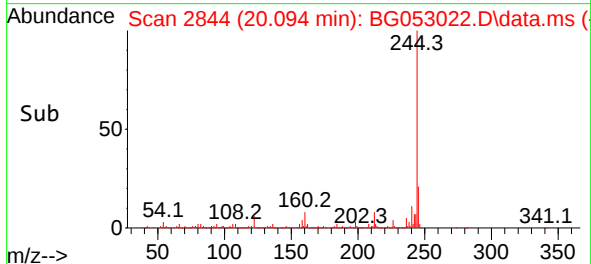
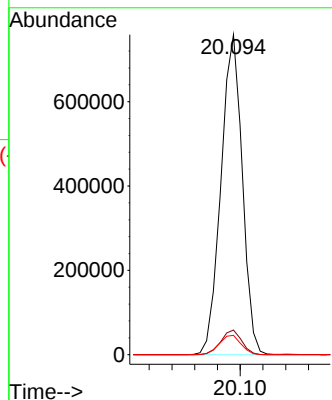
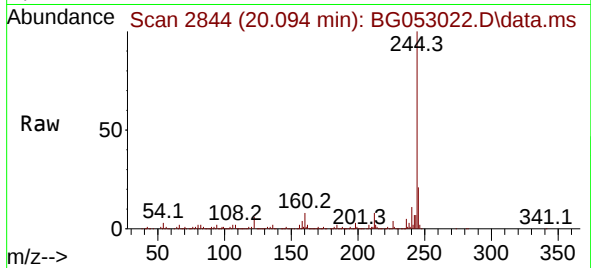




#79
 Terphenyl-d14
 Concen: 73.055 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053022.D
 Acq: 5 Apr 2022 00:14

Instrument :
 BNA_G
 ClientSampleId :
 A02015

Tgt Ion:244 Resp: 987068
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.1 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.042 min
 Lab File: BG053022.D
 Acq: 5 Apr 2022 00:14

Tgt Ion:264 Resp: 254023
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.2
 265 21.7 15.1 22.7

