

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053032.D
 Acq On : 5 Apr 2022 15:14
 Operator : CG/JU
 Sample : PB143839TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143839TB

Quant Time: Apr 05 16:25:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	32976	20.000	ng	-0.02
21) Naphthalene-d8	10.943	136	126961	20.000	ng	-0.02
39) Acenaphthene-d10	14.750	164	95559	20.000	ng	-0.02
64) Phenanthrene-d10	17.493	188	234621	20.000	ng	-0.01
76) Chrysene-d12	21.776	240	275763	20.000	ng	-0.02
86) Perylene-d12	25.077	264	275340	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	278628	147.148	ng	0.00
7) Phenol-d6	7.284	99	397898	139.384	ng	0.00
23) Nitrobenzene-d5	9.293	82	283923	112.241	ng	-0.01
42) 2,4,6-Tribromophenol	16.236	330	202152	157.432	ng	-0.01
45) 2-Fluorobiphenyl	13.375	172	624352	96.362	ng	-0.02
79) Terphenyl-d14	20.096	244	1373963	88.629	ng	-0.02

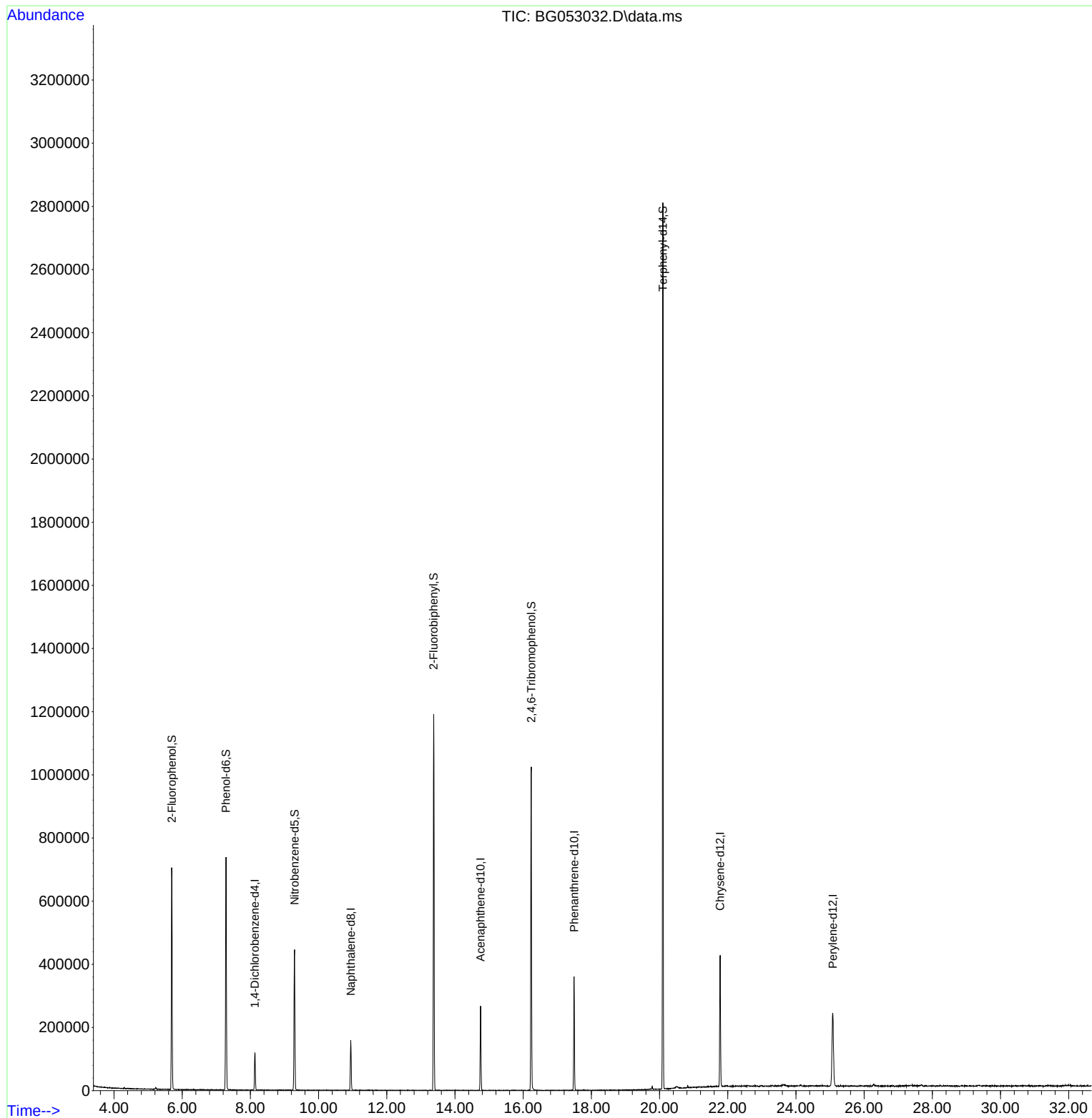
Target Compounds	Qvalue

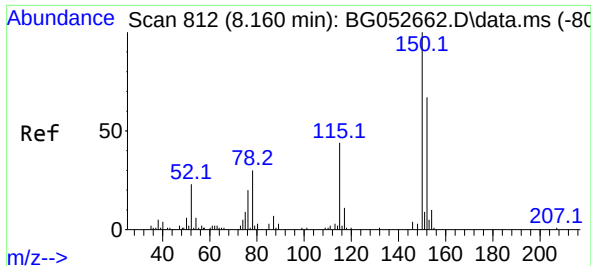
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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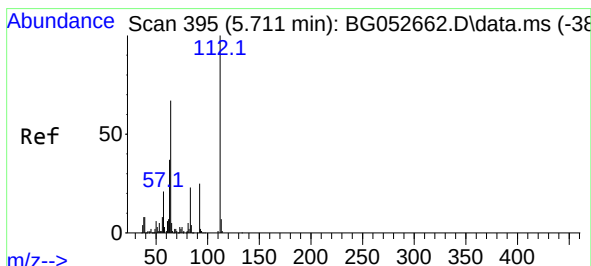
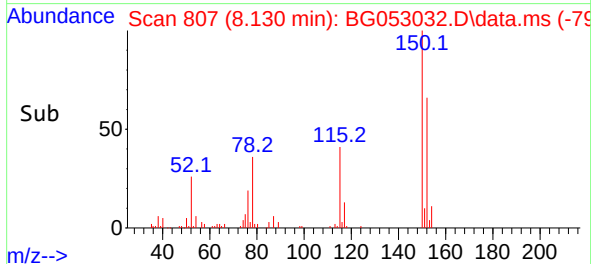
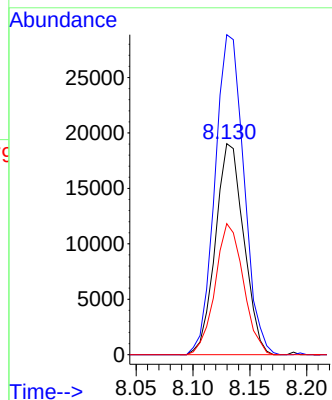
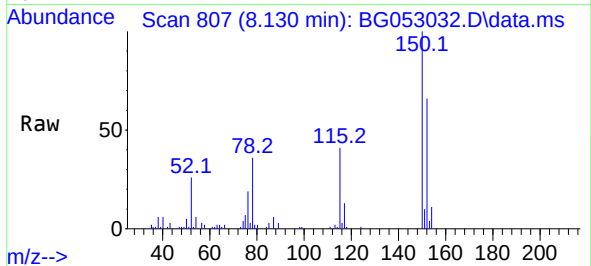




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

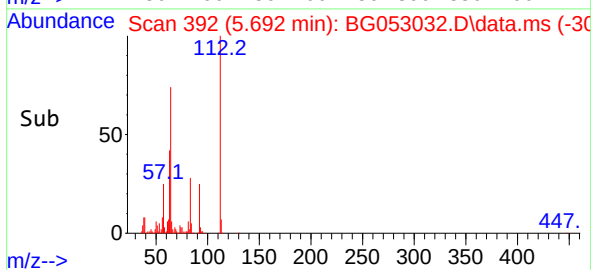
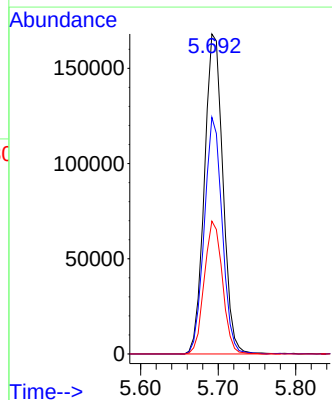
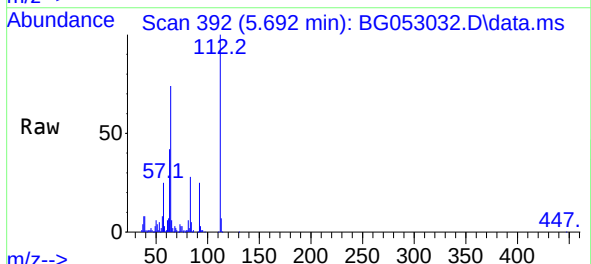
Instrument :
BNA_G
ClientSampleId :
PB143839TB

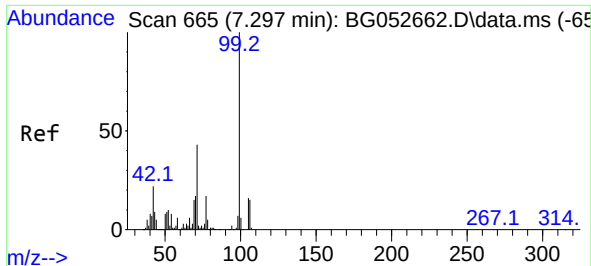
Tgt Ion:152 Resp: 32976
Ion Ratio Lower Upper
152 100
150 151.7 114.6 172.0
115 62.1 45.9 68.9



#5
2-Fluorophenol
Concen: 147.148 ng
RT: 5.692 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:112 Resp: 278628
Ion Ratio Lower Upper
112 100
64 73.9 48.0 72.0#
63 41.5 26.5 39.7#

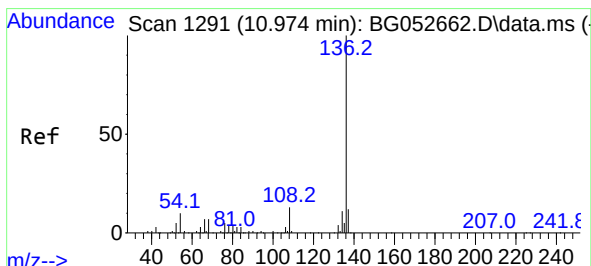
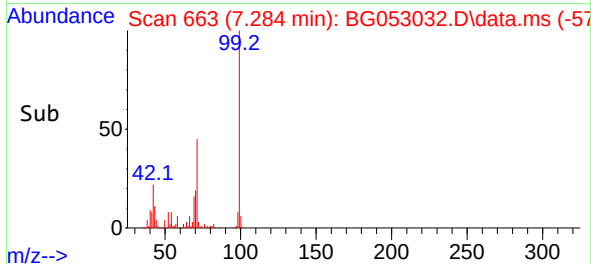
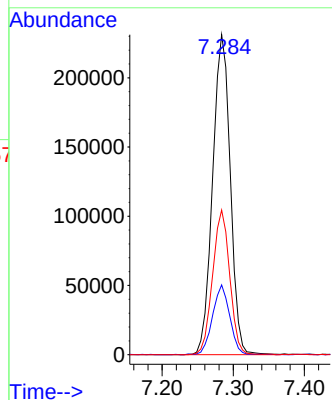
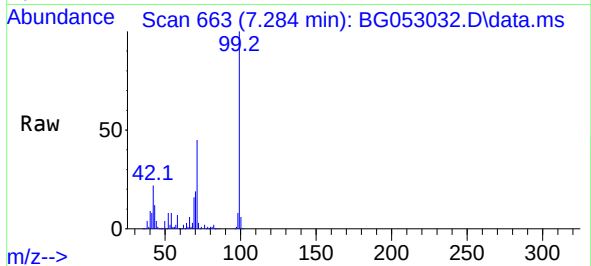




#7
Phenol-d6
Concen: 139.384 ng
RT: 7.284 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

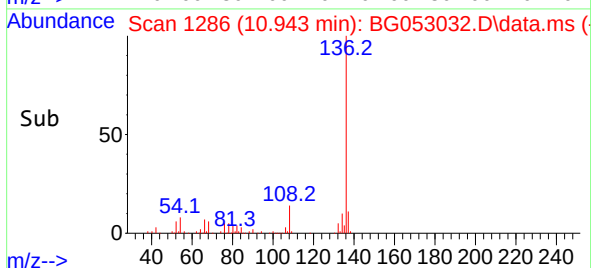
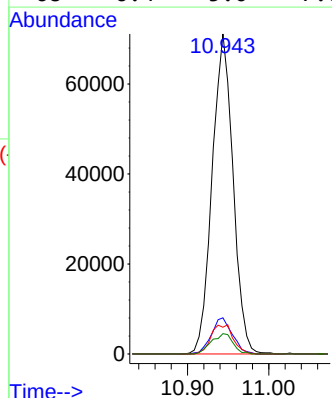
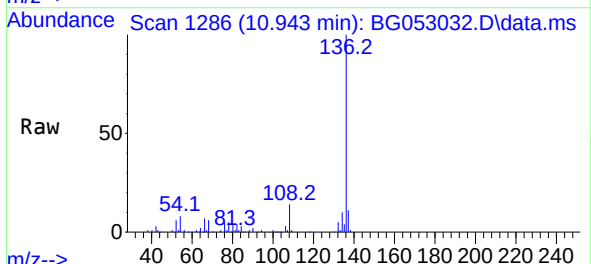
Instrument :
BNA_G
ClientSampleId :
PB143839TB

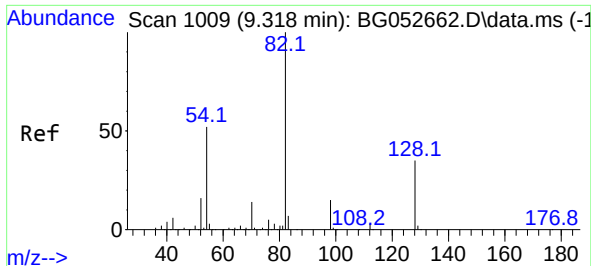
Tgt Ion: 99 Resp: 397898
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 45.2 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 1286
Delta R.T. -0.016 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion: 136 Resp: 126961
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 8.4 6.4 9.6
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 112.241 ng

RT: 9.293 min Scan# 1009

Delta R.T. -0.011 min

Lab File: BG053032.D

Acq: 5 Apr 2022 15:14

Instrument :

BNA_G

ClientSampleId :

PB143839TB

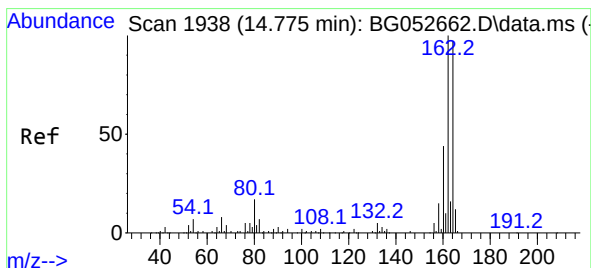
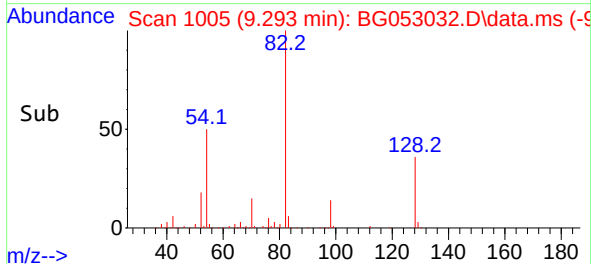
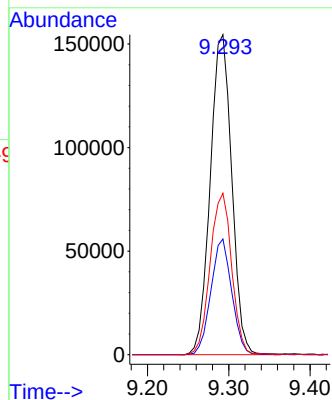
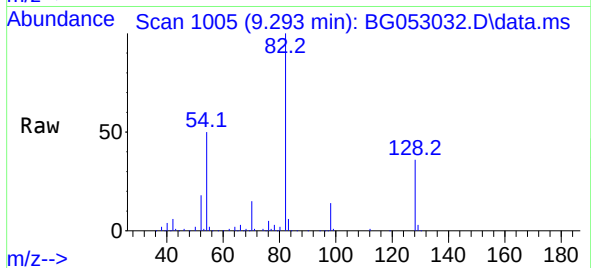
Tgt Ion: 82 Resp: 283923

Ion Ratio Lower Upper

82 100

128 36.1 31.3 46.9

54 50.4 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.750 min Scan# 1934

Delta R.T. -0.016 min

Lab File: BG053032.D

Acq: 5 Apr 2022 15:14

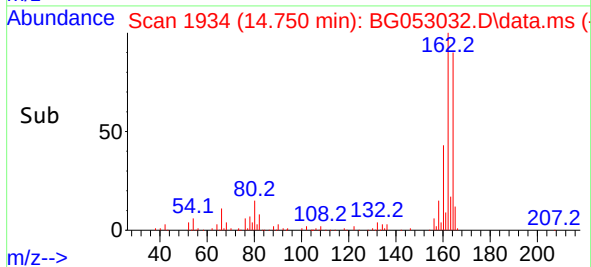
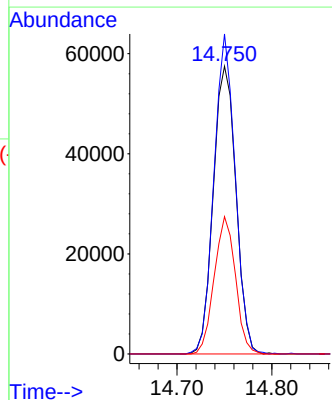
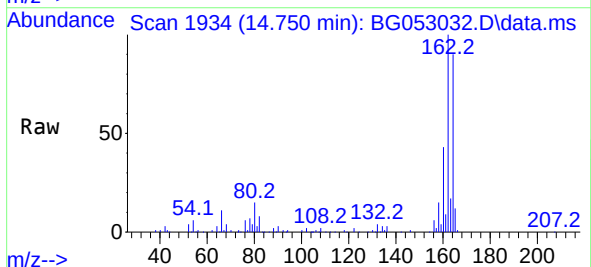
Tgt Ion:164 Resp: 95559

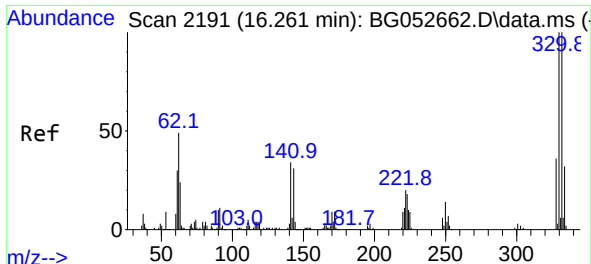
Ion Ratio Lower Upper

164 100

162 111.2 80.0 120.0

160 47.7 38.8 58.2

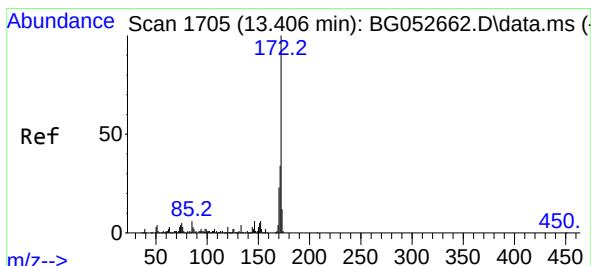
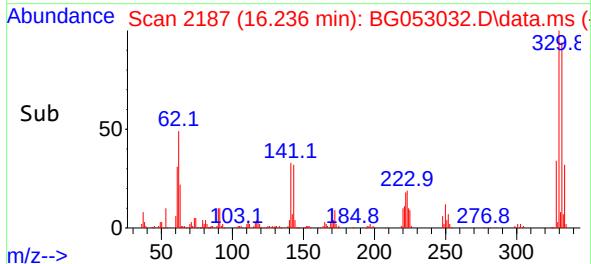
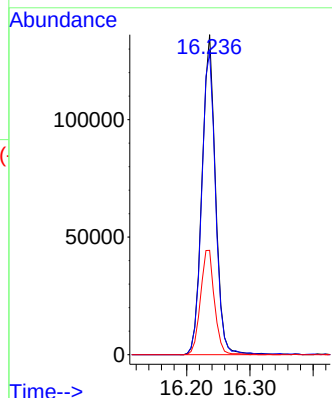
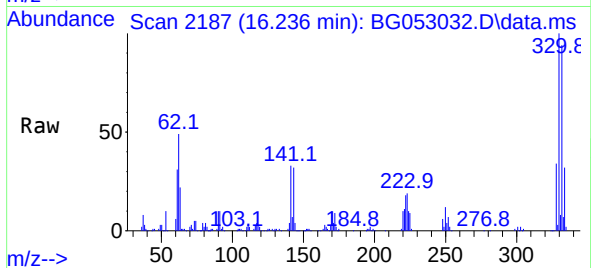




#42
2,4,6-Tribromophenol
Concen: 157.432 ng
RT: 16.236 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

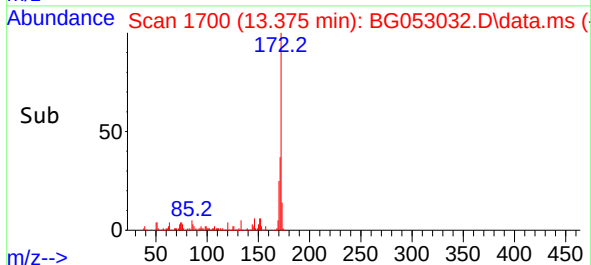
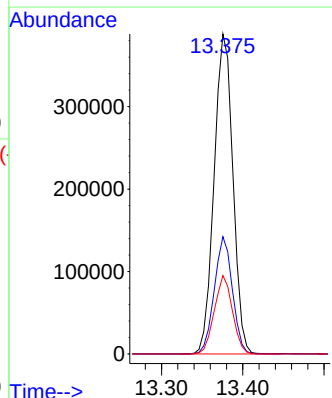
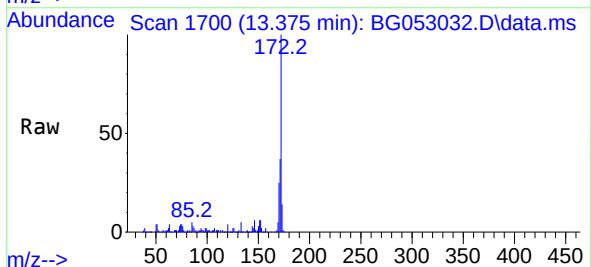
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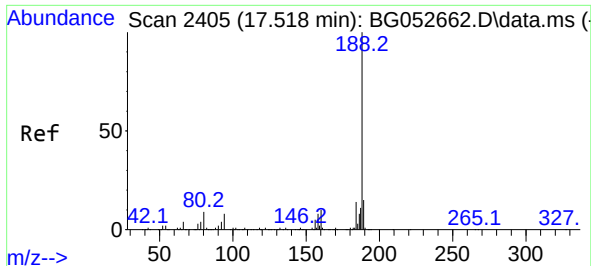
Tgt Ion:330 Resp: 202152
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 33.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 96.362 ng
RT: 13.375 min Scan# 1700
Delta R.T. -0.016 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:172 Resp: 624352
Ion Ratio Lower Upper
172 100
171 36.7 28.3 42.5
170 24.5 18.0 27.0

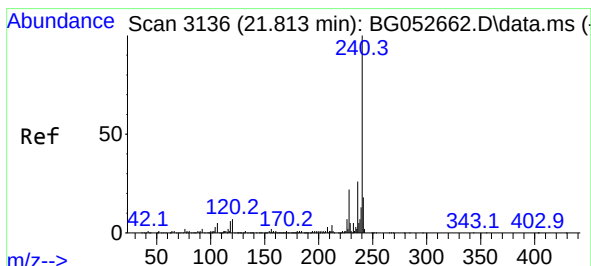
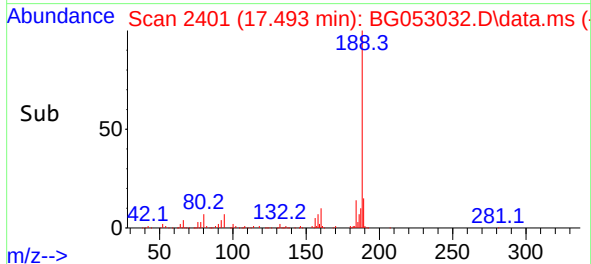
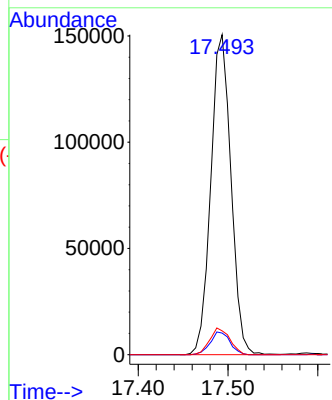
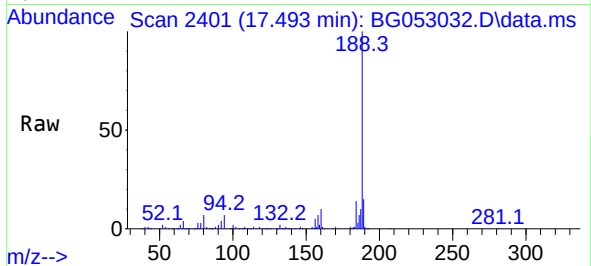




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

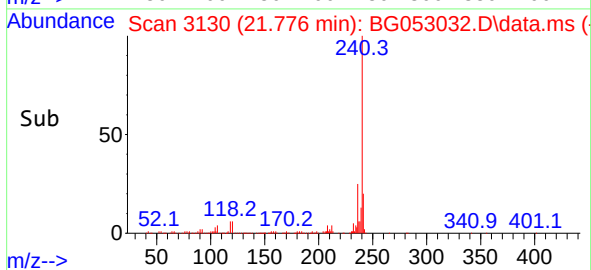
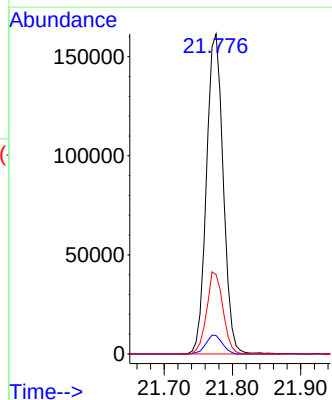
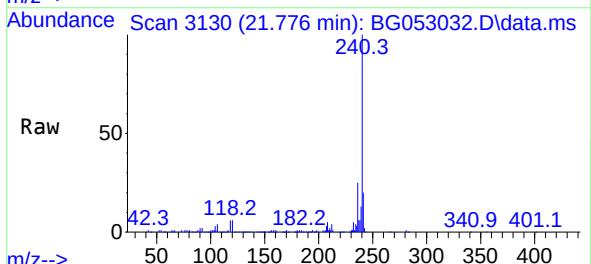
Instrument :
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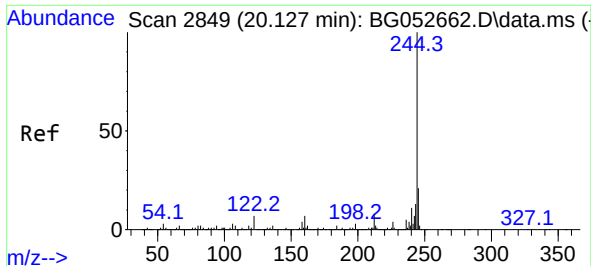
Tgt Ion:188 Resp: 234621
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.776 min Scan# 3130
Delta R.T. -0.022 min
Lab File: BG053032.D
Acq: 5 Apr 2022 15:14

Tgt Ion:240 Resp: 275763
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 24.8 19.8 29.6

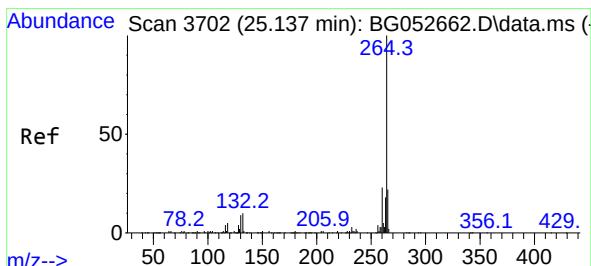
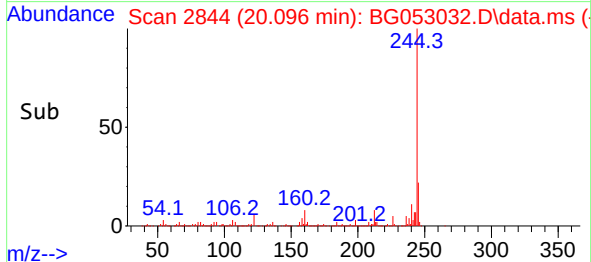
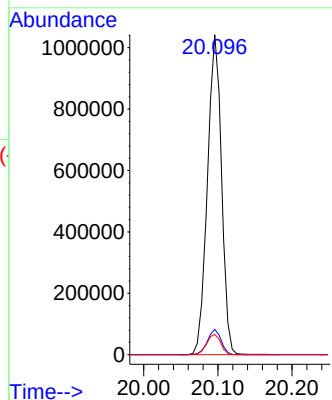
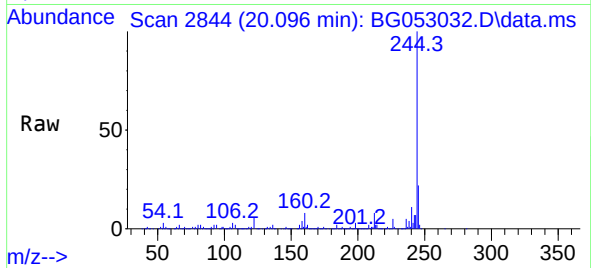




#79
 Terphenyl-d14
 Concen: 88.629 ng
 RT: 20.096 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: BG053032.D
 Acq: 5 Apr 2022 15:14

Instrument :
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 ClientSampleId :
 PB143839TB

Tgt Ion:244 Resp: 1373963
 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: 25.077 min Scan# 3692
 Delta R.T. -0.034 min
 Lab File: BG053032.D
 Acq: 5 Apr 2022 15:14

Tgt Ion:264 Resp: 275340
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.2 27.2
 265 21.9 15.1 22.7

