

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053030.D
 Acq On : 5 Apr 2022 13:57
 Operator : CG/JU
 Sample : PB143892BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143892BL

Quant Time: Apr 05 16:24:24 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	8.129	152	33907	20.000	ng	-0.02
21) Naphthalene-d8	10.943	136	126781	20.000	ng	-0.02
39) Acenaphthene-d10	14.749	164	95386	20.000	ng	-0.02
64) Phenanthrene-d10	17.493	188	237454	20.000	ng	-0.01
76) Chrysene-d12	21.775	240	276661	20.000	ng	-0.02
86) Perylene-d12	25.082	264	281693	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	281136	144.395	ng	0.00
7) Phenol-d6	7.283	99	404819	137.915	ng	0.00
23) Nitrobenzene-d5	9.292	82	283843	112.368	ng	-0.01
42) 2,4,6-Tribromophenol	16.235	330	203330	158.637	ng	-0.01
45) 2-Fluorobiphenyl	13.375	172	623392	96.388	ng	-0.02
79) Terphenyl-d14	20.095	244	1389597	89.347	ng	-0.02

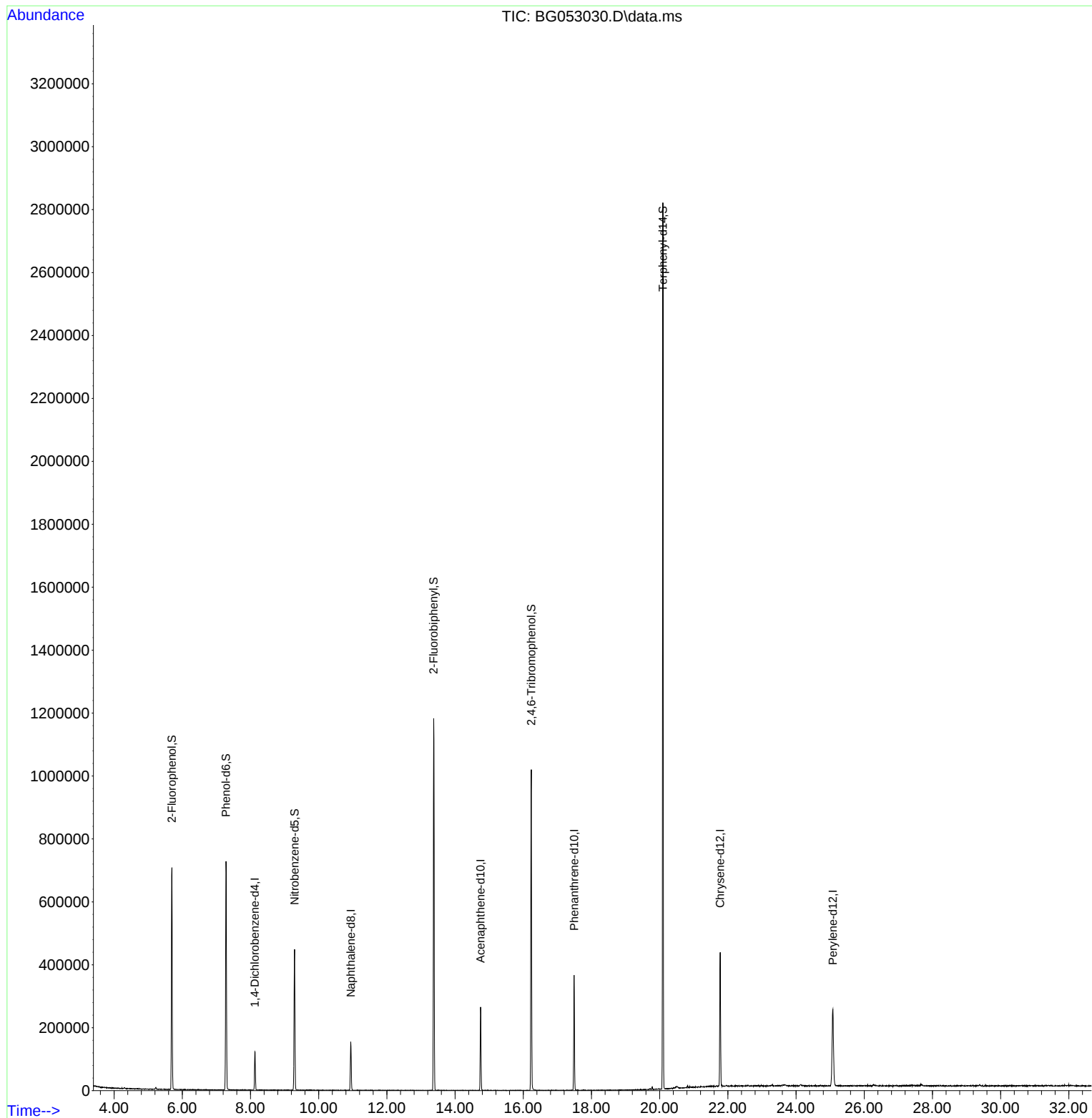
Target Compounds	Qvalue

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

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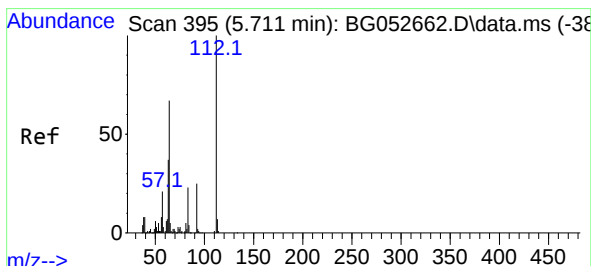
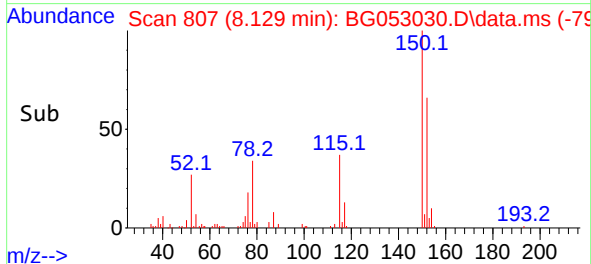
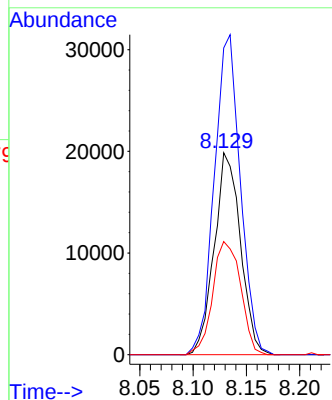
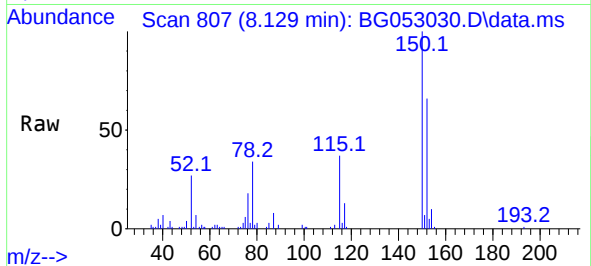




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

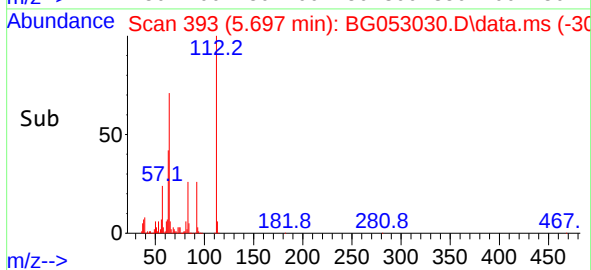
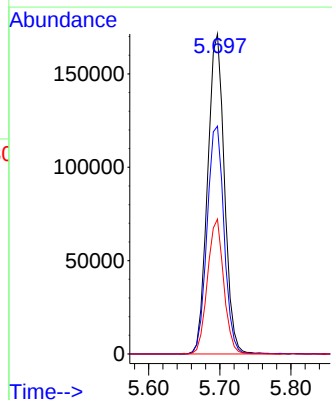
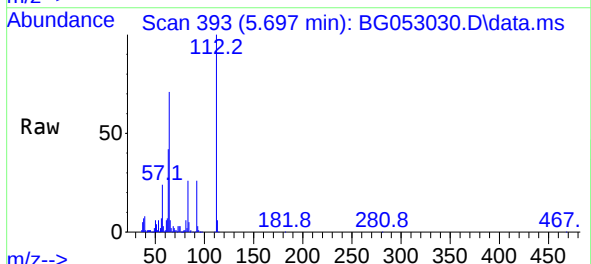
Instrument :
BNA_G
ClientSampleId :
PB143892BL

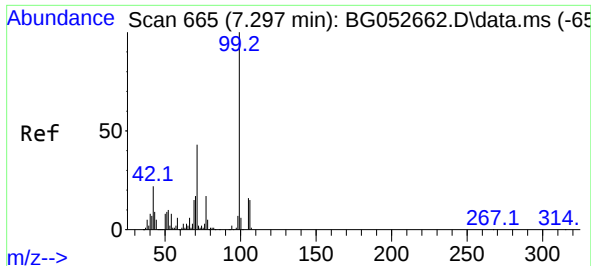
Tgt Ion:152 Resp: 33907
Ion Ratio Lower Upper
152 100
150 151.9 114.6 172.0
115 56.0 45.9 68.9



#5
2-Fluorophenol
Concen: 144.395 ng
RT: 5.697 min Scan# 393
Delta R.T. 0.000 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion:112 Resp: 281136
Ion Ratio Lower Upper
112 100
64 71.2 48.0 72.0
63 42.2 26.5 39.7#

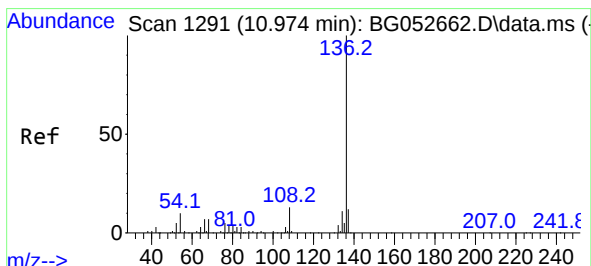
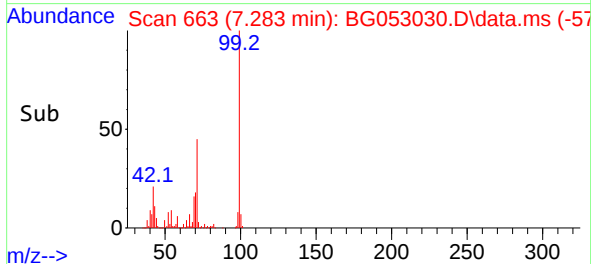
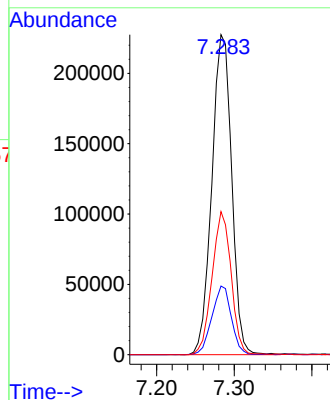
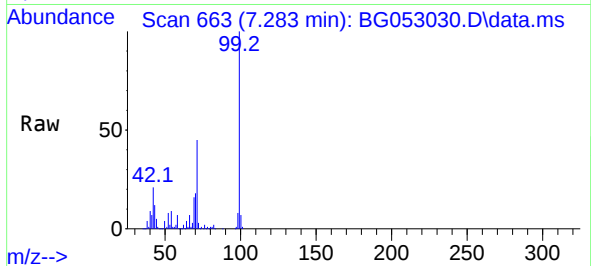




#7
Phenol-d6
Concen: 137.915 ng
RT: 7.283 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

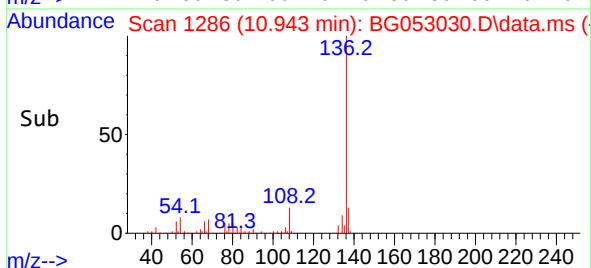
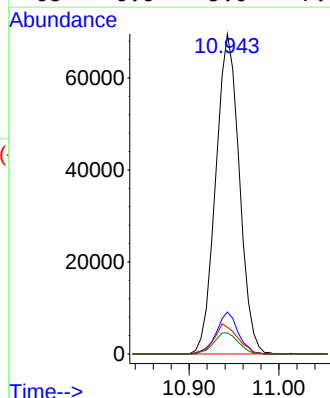
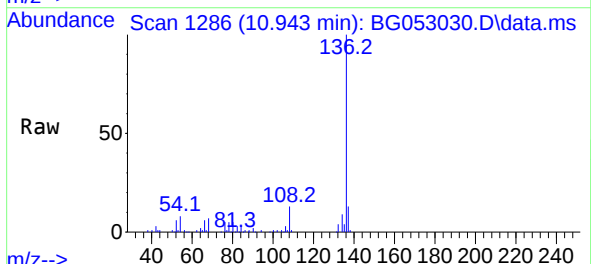
Instrument :
BNA_G
ClientSampleId :
PB143892BL

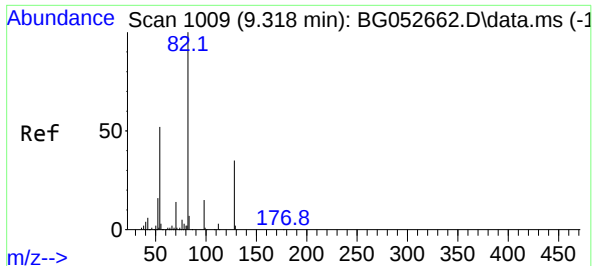
Tgt Ion: 99 Resp: 404819
Ion Ratio Lower Upper
99 100
42 21.5 14.7 22.1
71 44.7 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 1286
Delta R.T. -0.017 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion: 136 Resp: 126781
Ion Ratio Lower Upper
136 100
137 13.1 9.4 14.2
54 8.3 6.4 9.6
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 112.368 ng

RT: 9.292 min Scan# 1005

Delta R.T. -0.011 min

Lab File: BG053030.D

Acq: 5 Apr 2022 13:57

Instrument :

BNA_G

ClientSampleId :

PB143892BL

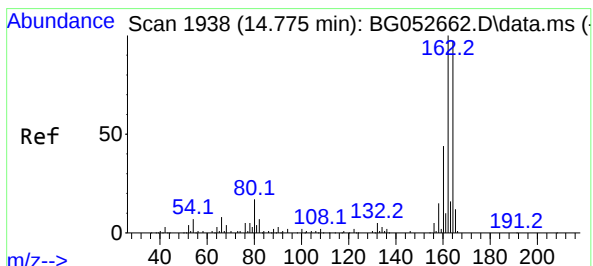
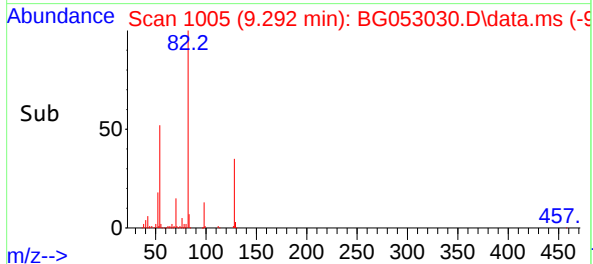
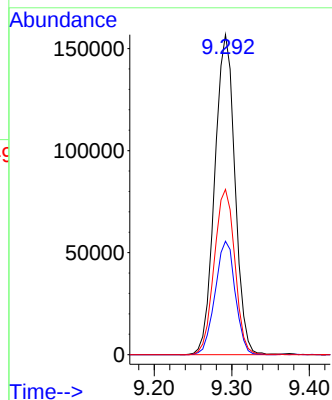
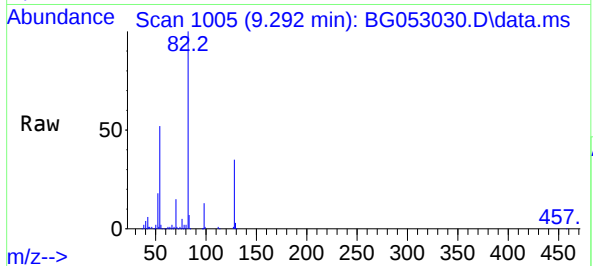
Tgt Ion: 82 Resp: 283843

Ion Ratio Lower Upper

82 100

128 35.5 31.3 46.9

54 51.6 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. -0.017 min

Lab File: BG053030.D

Acq: 5 Apr 2022 13:57

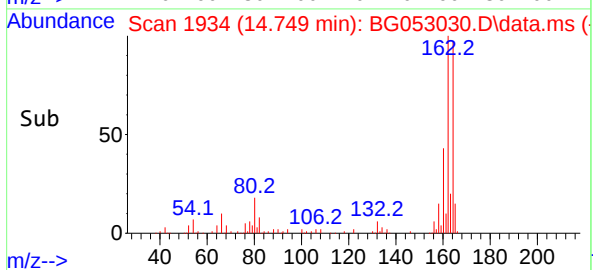
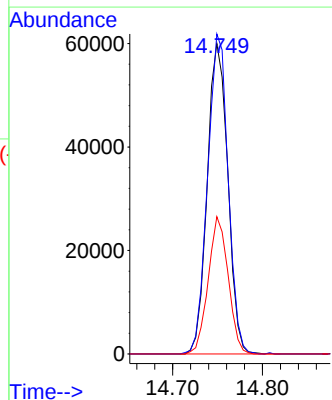
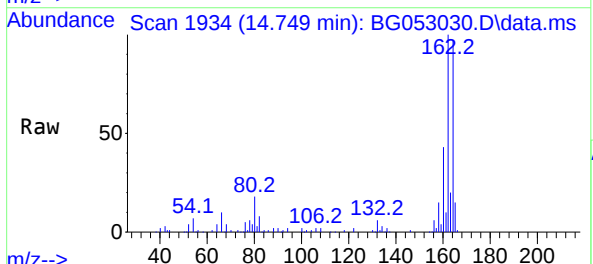
Tgt Ion:164 Resp: 95386

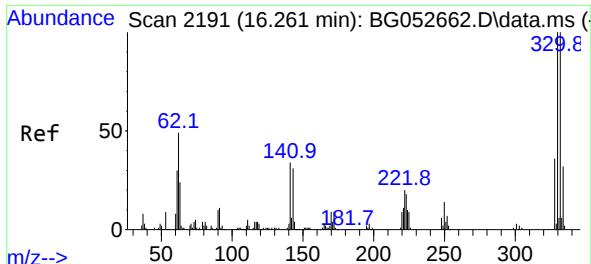
Ion Ratio Lower Upper

164 100

162 103.1 80.0 120.0

160 44.2 38.8 58.2

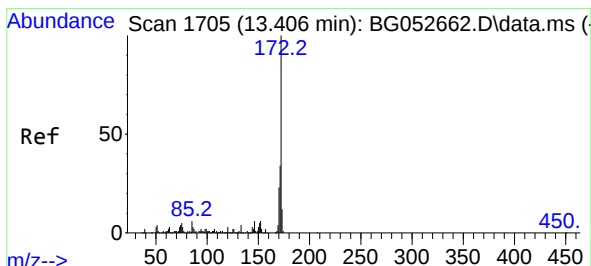
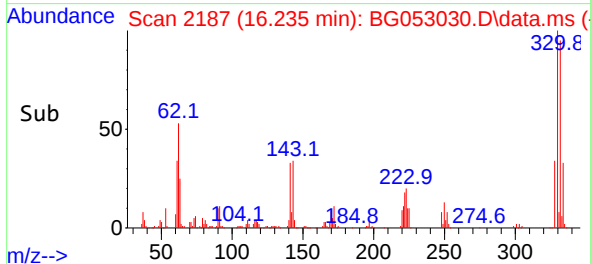
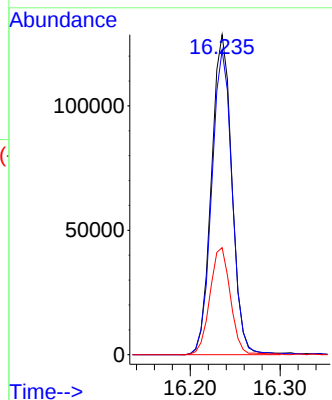
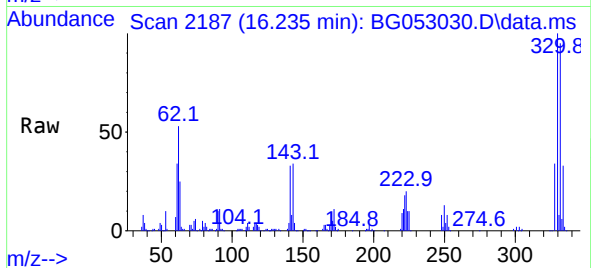




#42
2,4,6-Tribromophenol
Concen: 158.637 ng
RT: 16.235 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

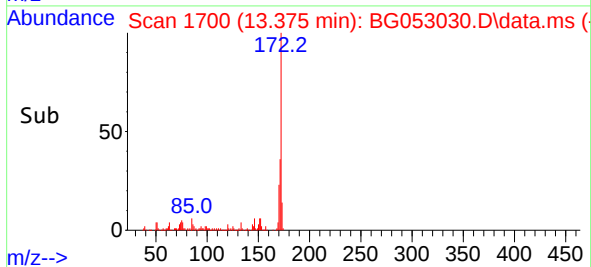
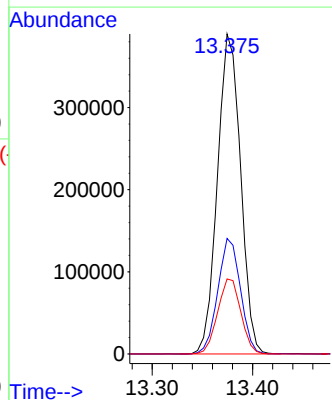
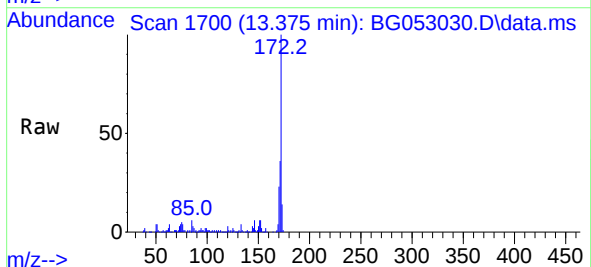
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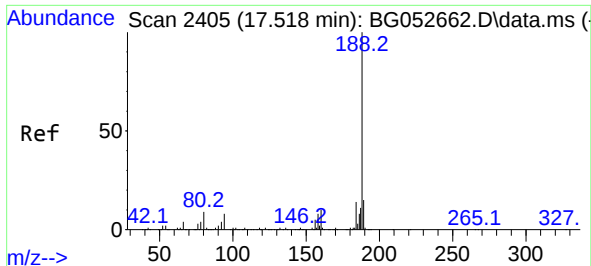
Tgt Ion:330 Resp: 203330
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 96.388 ng
RT: 13.375 min Scan# 1700
Delta R.T. -0.017 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion:172 Resp: 623392
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.5 18.0 27.0

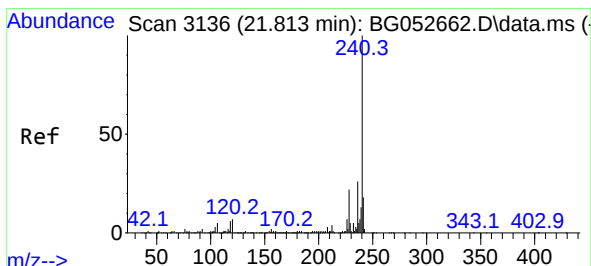
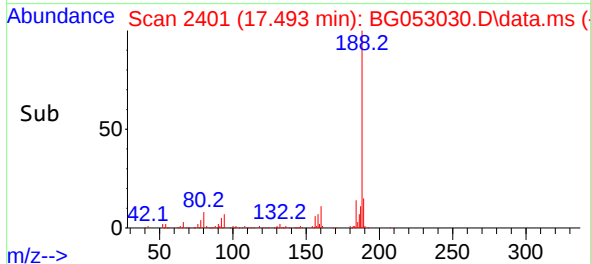
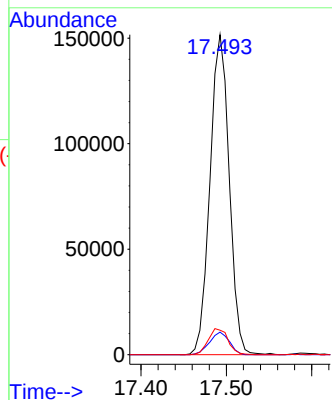
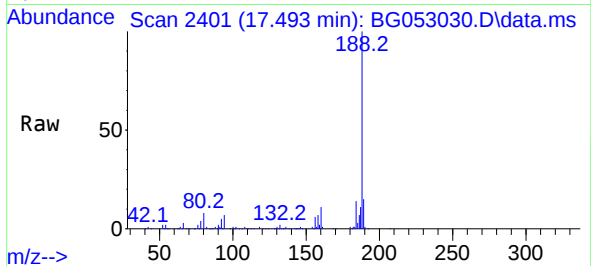




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

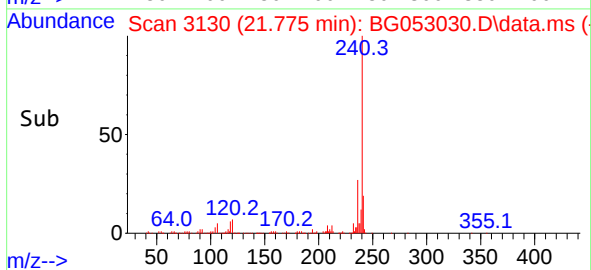
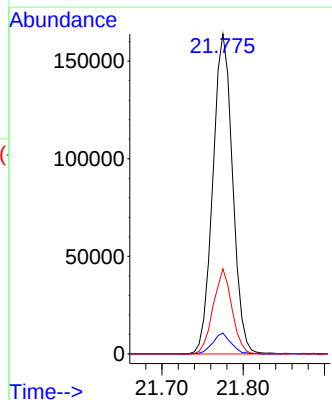
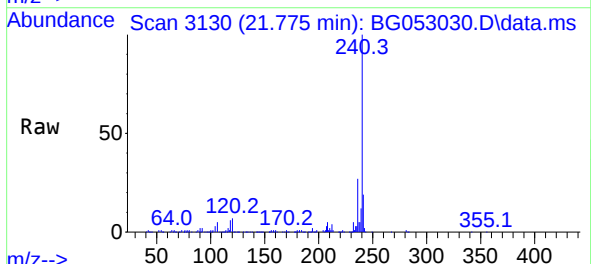
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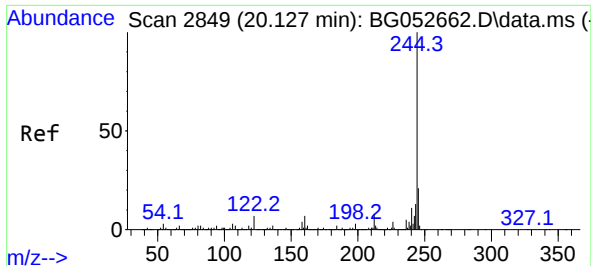
Tgt Ion:188 Resp: 237454
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. -0.023 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion:240 Resp: 276661
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.6 19.8 29.6

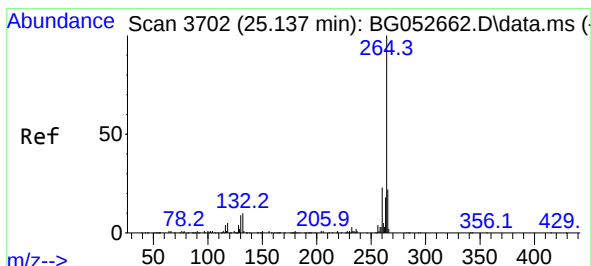
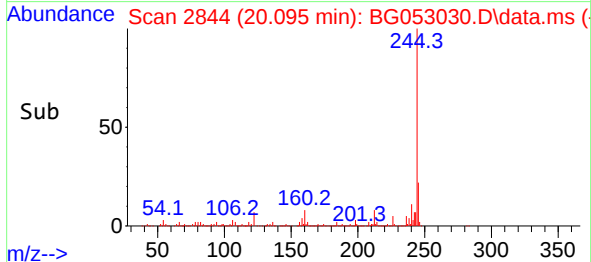
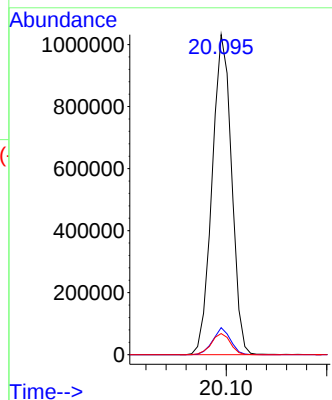
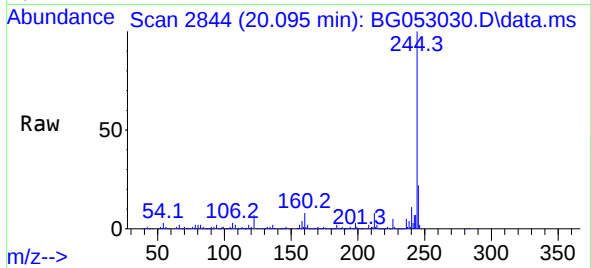




#79
 Terphenyl-d14
 Concen: 89.347 ng
 RT: 20.095 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG053030.D
 Acq: 5 Apr 2022 13:57

Instrument :
 BNA_G
 ClientSampleId :
 PB143892BL

Tgt Ion:244 Resp: 1389597
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.4 8.2#
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.082 min Scan# 3693
 Delta R.T. -0.029 min
 Lab File: BG053030.D
 Acq: 5 Apr 2022 13:57

Tgt Ion:264 Resp: 281693
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 19.7 15.1 22.7

