

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052671.D
 Acq On : 16 Mar 2022 9:05
 Operator : CG/JU
 Sample : PB143161BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143161BL

Quant Time: Mar 16 11:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	38151	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	148977	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	102894	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	238595	20.000	ng	0.00
76) Chrysene-d12	21.805	240	291887	20.000	ng	0.00
86) Perylene-d12	25.129	264	276518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	309861	141.445	ng	0.00
7) Phenol-d6	7.301	99	431480	130.645	ng	0.00
23) Nitrobenzene-d5	9.310	82	272985	91.969	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	159294	115.212	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	641506	91.951	ng	0.00
79) Terphenyl-d14	20.124	244	1375946	83.854	ng	0.00

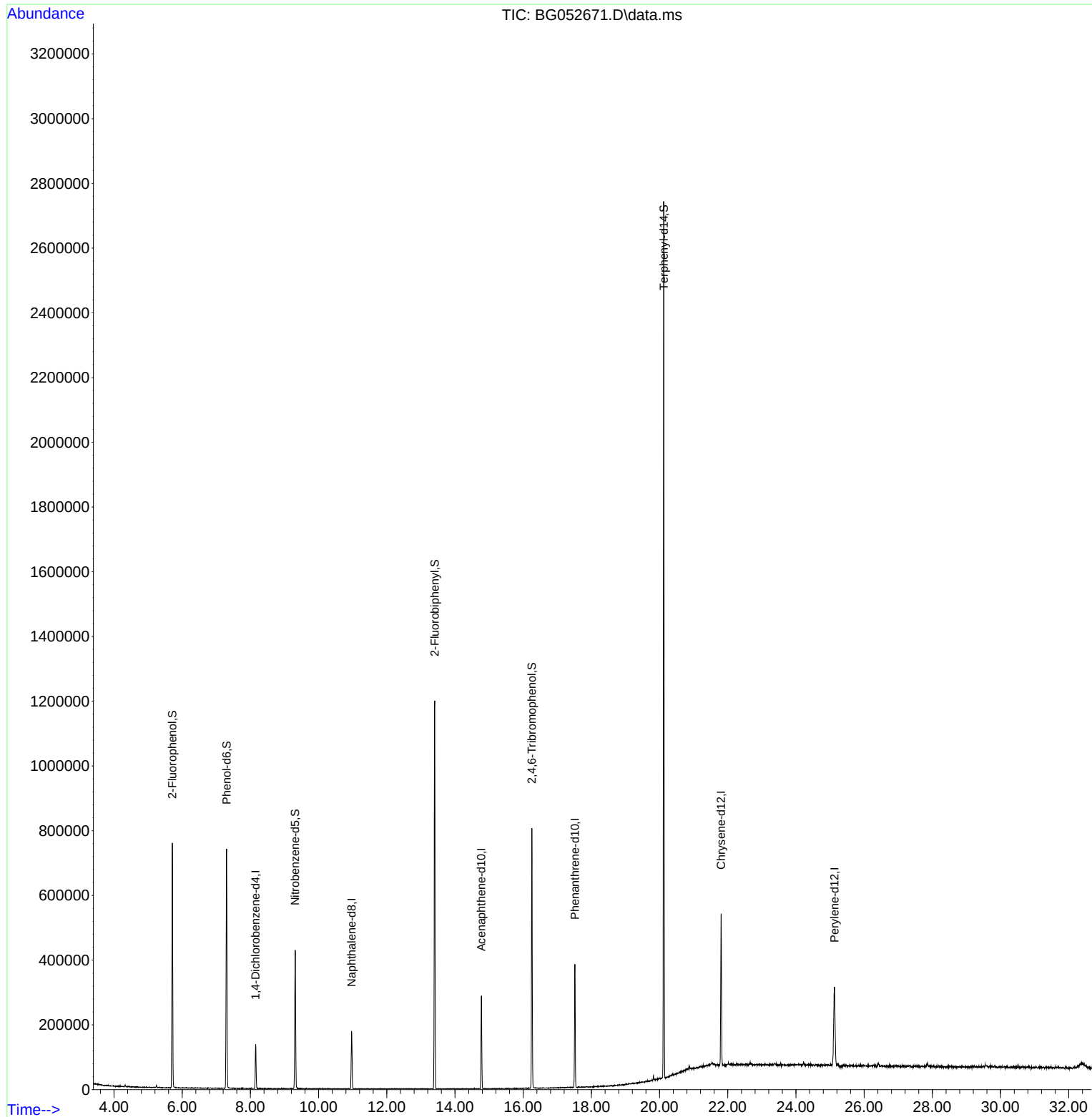
Target Compounds	Qvalue

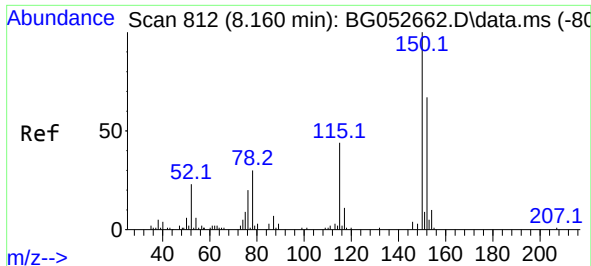
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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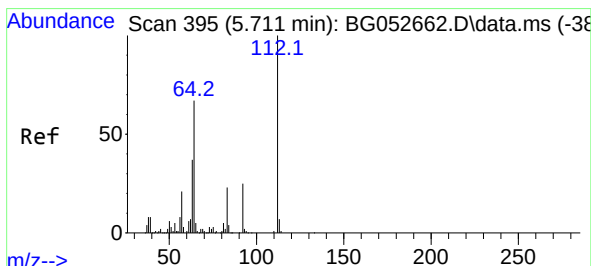
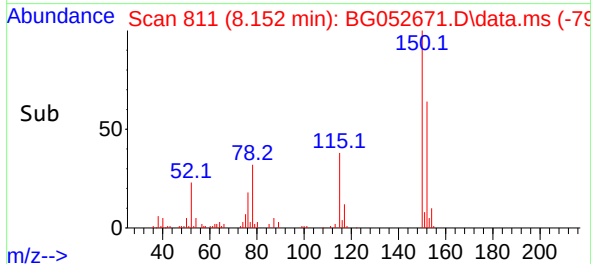
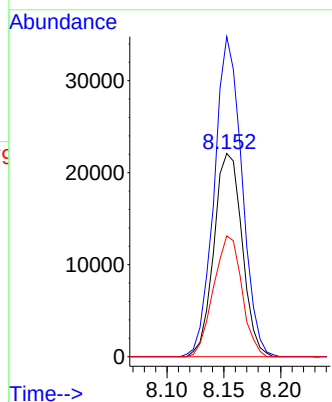
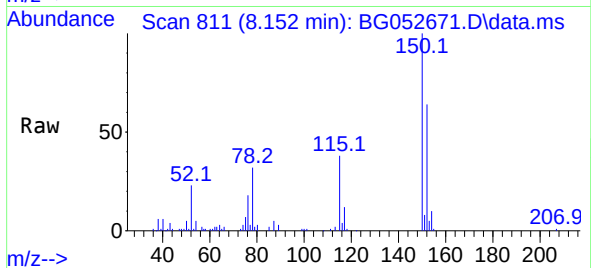




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 812
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

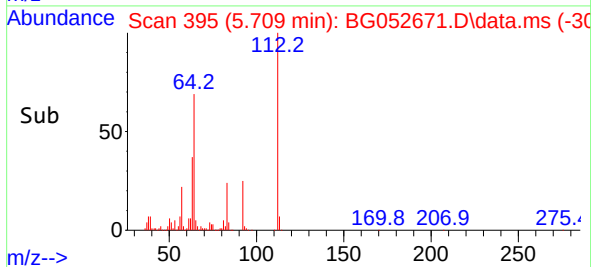
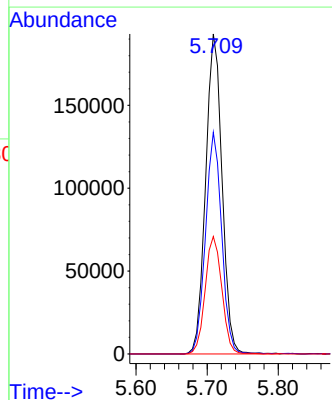
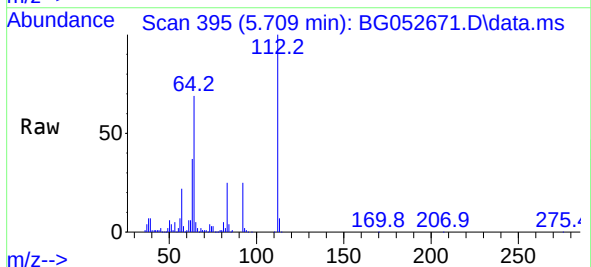
Instrument :
BNA_G
ClientSampleId :
PB143161BL

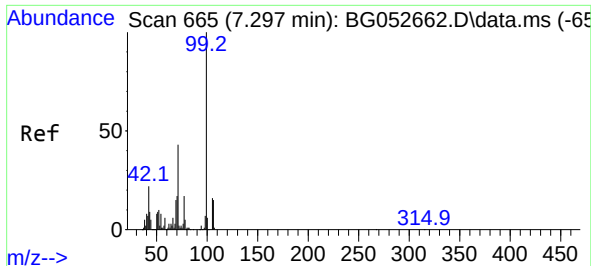
Tgt Ion:152 Resp: 38151
Ion Ratio Lower Upper
152 100
150 157.4 114.6 172.0
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 141.445 ng
RT: 5.709 min Scan# 395
Delta R.T. -0.002 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion:112 Resp: 309861
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 36.7 26.5 39.7

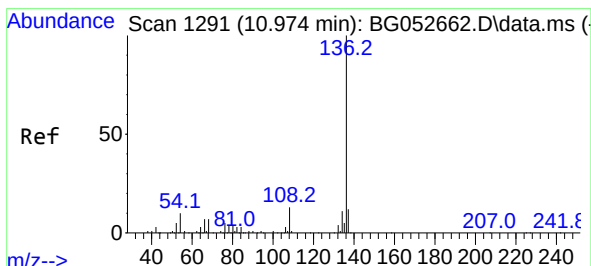
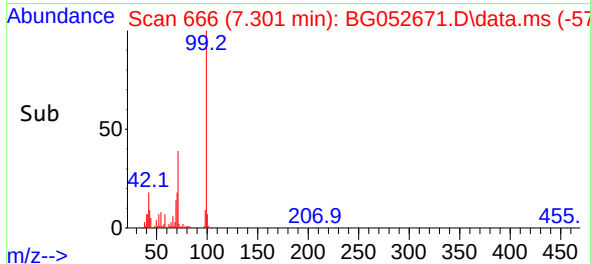
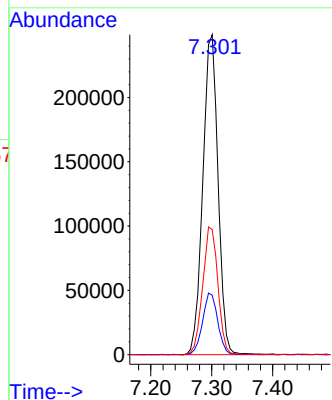
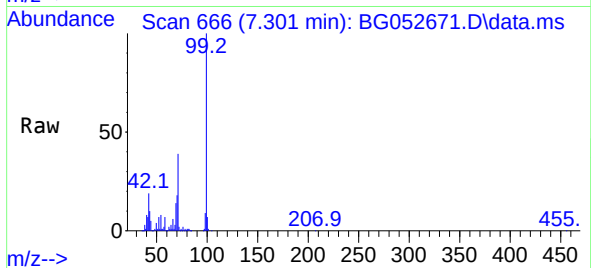




#7
Phenol-d6
Concen: 130.645 ng
RT: 7.301 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

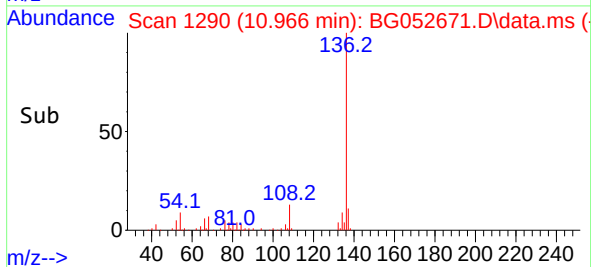
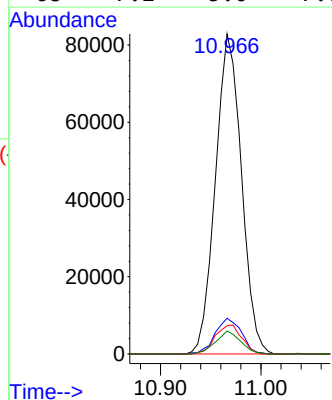
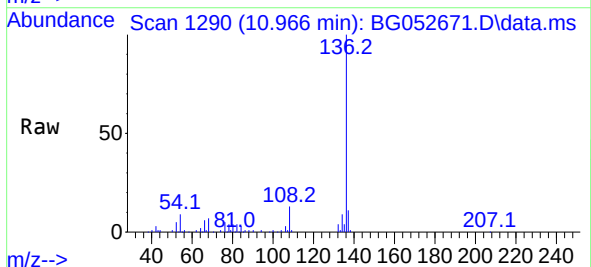
Instrument :
BNA_G
ClientSampleId :
PB143161BL

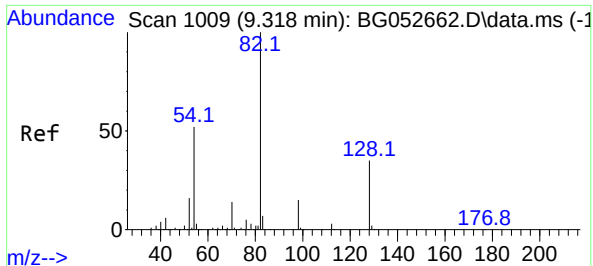
Tgt Ion: 99 Resp: 431480
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 39.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion: 136 Resp: 148977
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 8.9 6.4 9.6
68 7.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.969 ng

RT: 9.310 min Scan# 1009

Delta R.T. -0.008 min

Lab File: BG052671.D

Acq: 16 Mar 2022 9:05

Instrument :

BNA_G

ClientSampleId :

PB143161BL

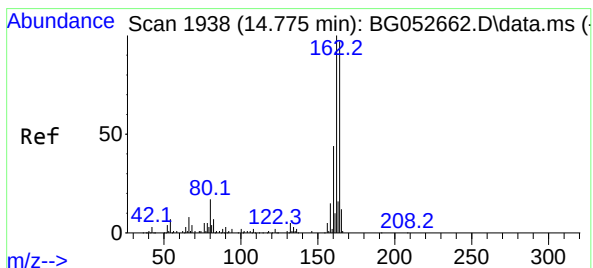
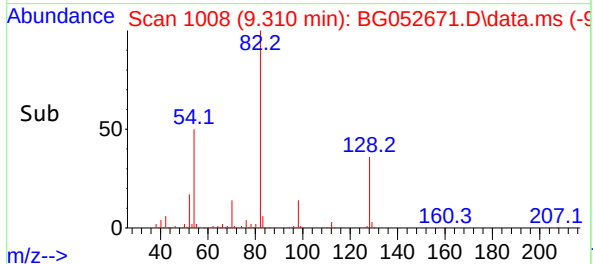
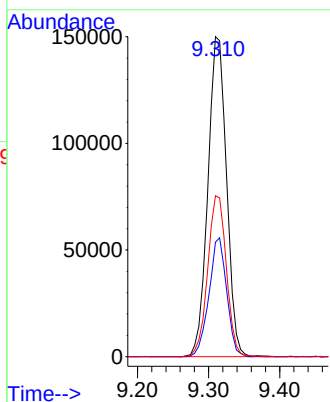
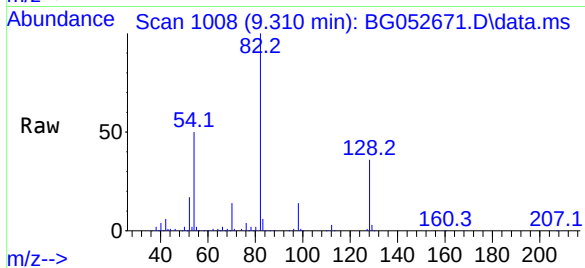
Tgt Ion: 82 Resp: 272985

Ion Ratio Lower Upper

82 100

128 35.8 31.3 46.9

54 50.3 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.773 min Scan# 1938

Delta R.T. -0.002 min

Lab File: BG052671.D

Acq: 16 Mar 2022 9:05

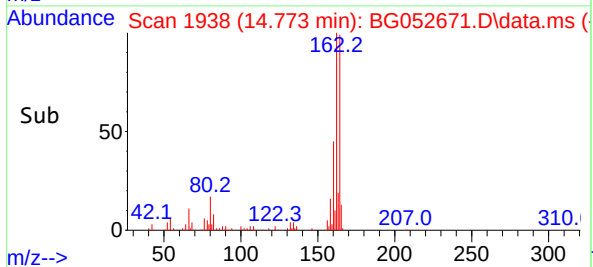
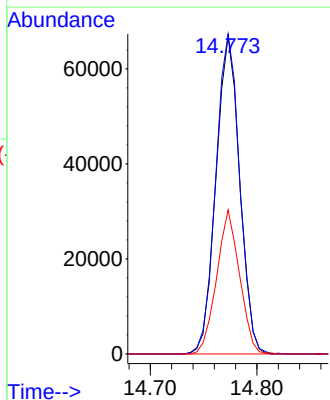
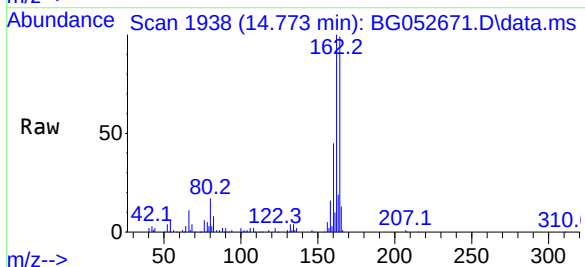
Tgt Ion: 164 Resp: 102894

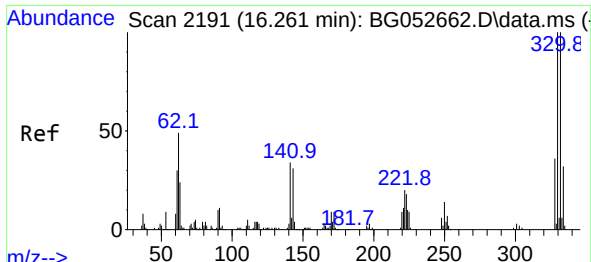
Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

160 45.4 38.8 58.2

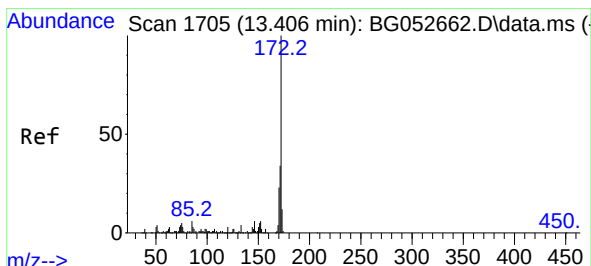
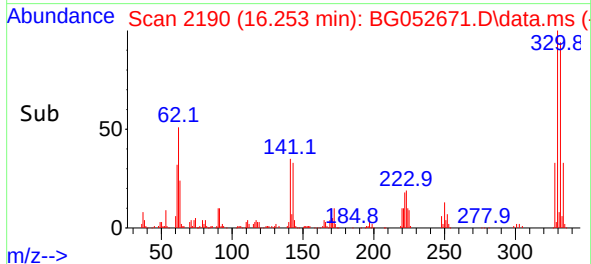
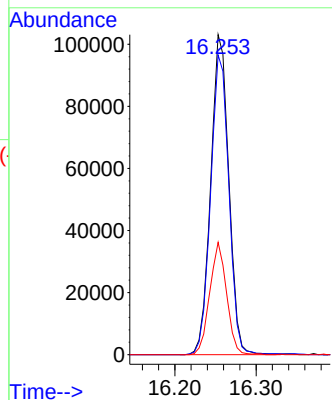
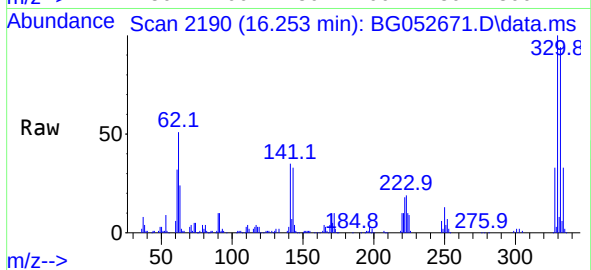




#42
2,4,6-Tribromophenol
Concen: 115.212 ng
RT: 16.253 min Scan# 2191
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

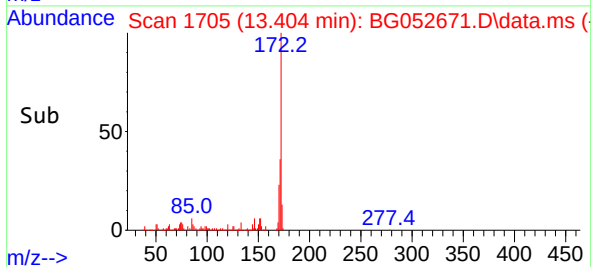
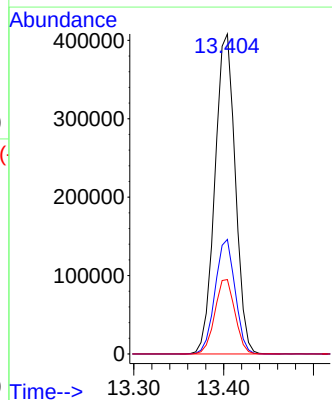
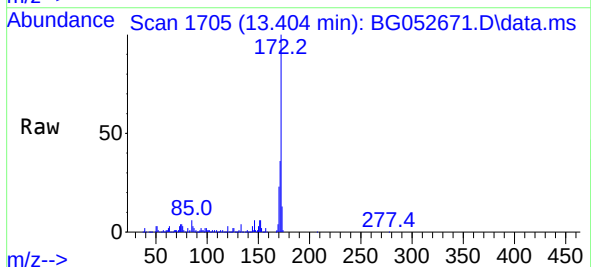
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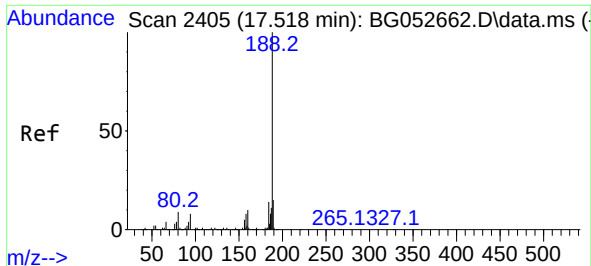
Tgt Ion:330 Resp: 159294
Ion Ratio Lower Upper
330 100
332 94.2 75.8 113.6
141 32.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 91.951 ng
RT: 13.404 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion:172 Resp: 641506
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.0 27.0

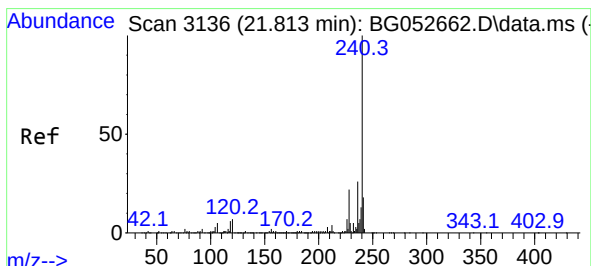
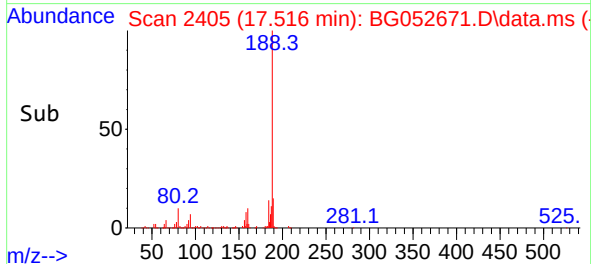
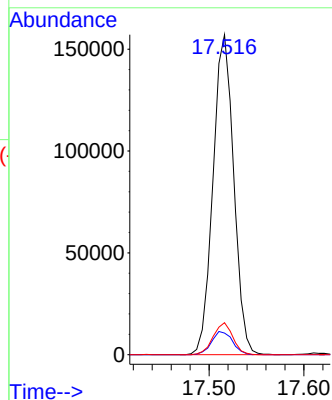
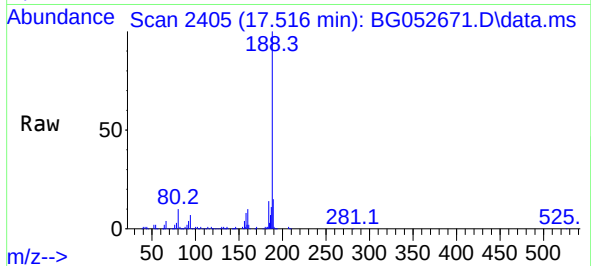




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.516 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

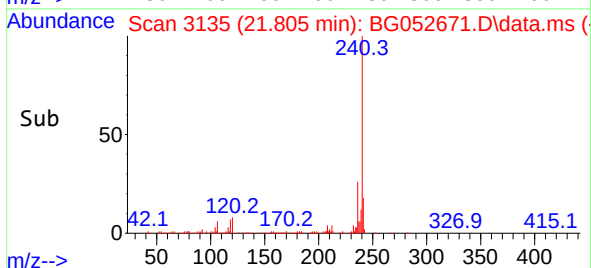
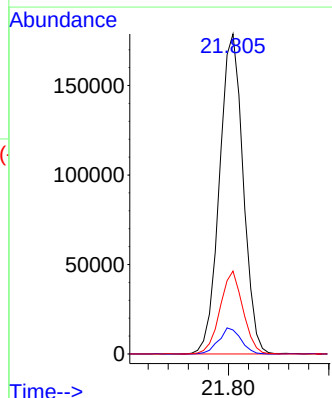
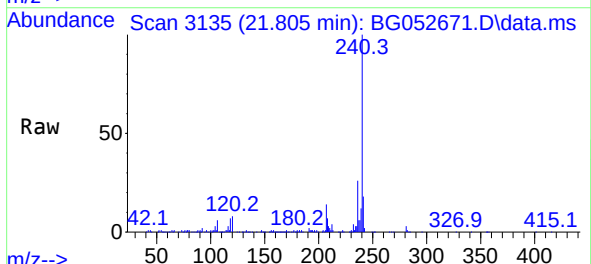
Instrument :
BNA_G
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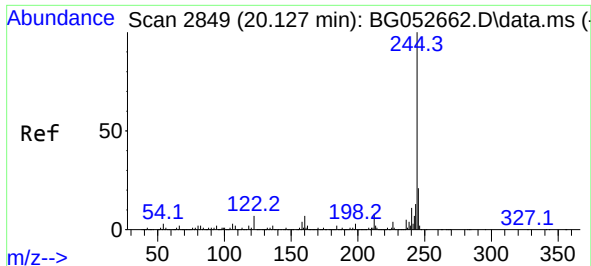
Tgt Ion:188 Resp: 238595
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 10.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.805 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion:240 Resp: 291887
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.0
236 25.9 19.8 29.6

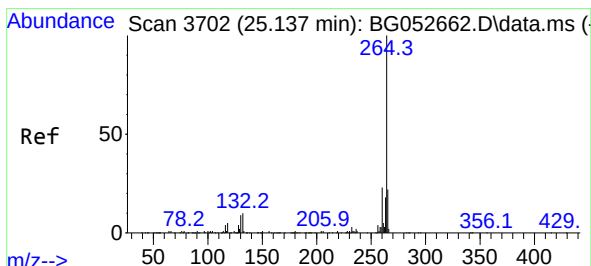
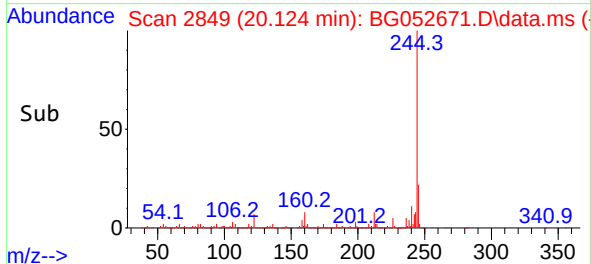
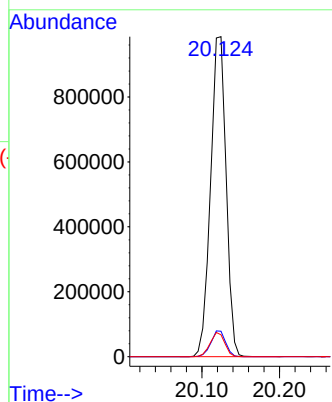
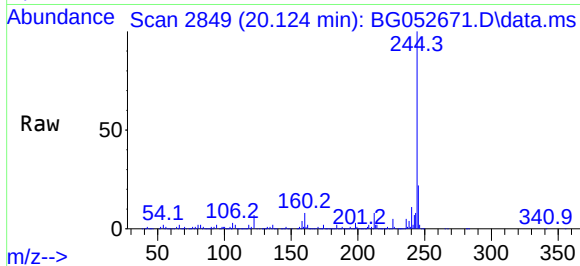




#79
 Terphenyl-d14
 Concen: 83.854 ng
 RT: 20.124 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG052671.D
 Acq: 16 Mar 2022 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB143161BL

Tgt Ion:244 Resp: 1375946
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.129 min Scan# 3701
 Delta R.T. -0.008 min
 Lab File: BG052671.D
 Acq: 16 Mar 2022 9:05

Tgt Ion:264 Resp: 276518
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 20.9 15.1 22.7

