

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052781.D
 Acq On : 22 Mar 2022 11:55
 Operator : CG/JU
 Sample : PB143437TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143437TB

Quant Time: Mar 22 16:37:44 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	8.146	152	46192	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	185374	20.000	ng	-0.01
39) Acenaphthene-d10	14.766	164	132130	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	317513	20.000	ng	0.00
76) Chrysene-d12	21.798	240	327223	20.000	ng	-0.01
86) Perylene-d12	25.111	264	315959	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	371001	139.873	ng	0.00
7) Phenol-d6	7.294	99	530003	132.541	ng	0.00
23) Nitrobenzene-d5	9.303	82	367774	99.575	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	251395	141.593	ng	-0.01
45) 2-Fluorobiphenyl	13.391	172	820566	91.592	ng	-0.01
79) Terphenyl-d14	20.112	244	1587926	86.323	ng	-0.01

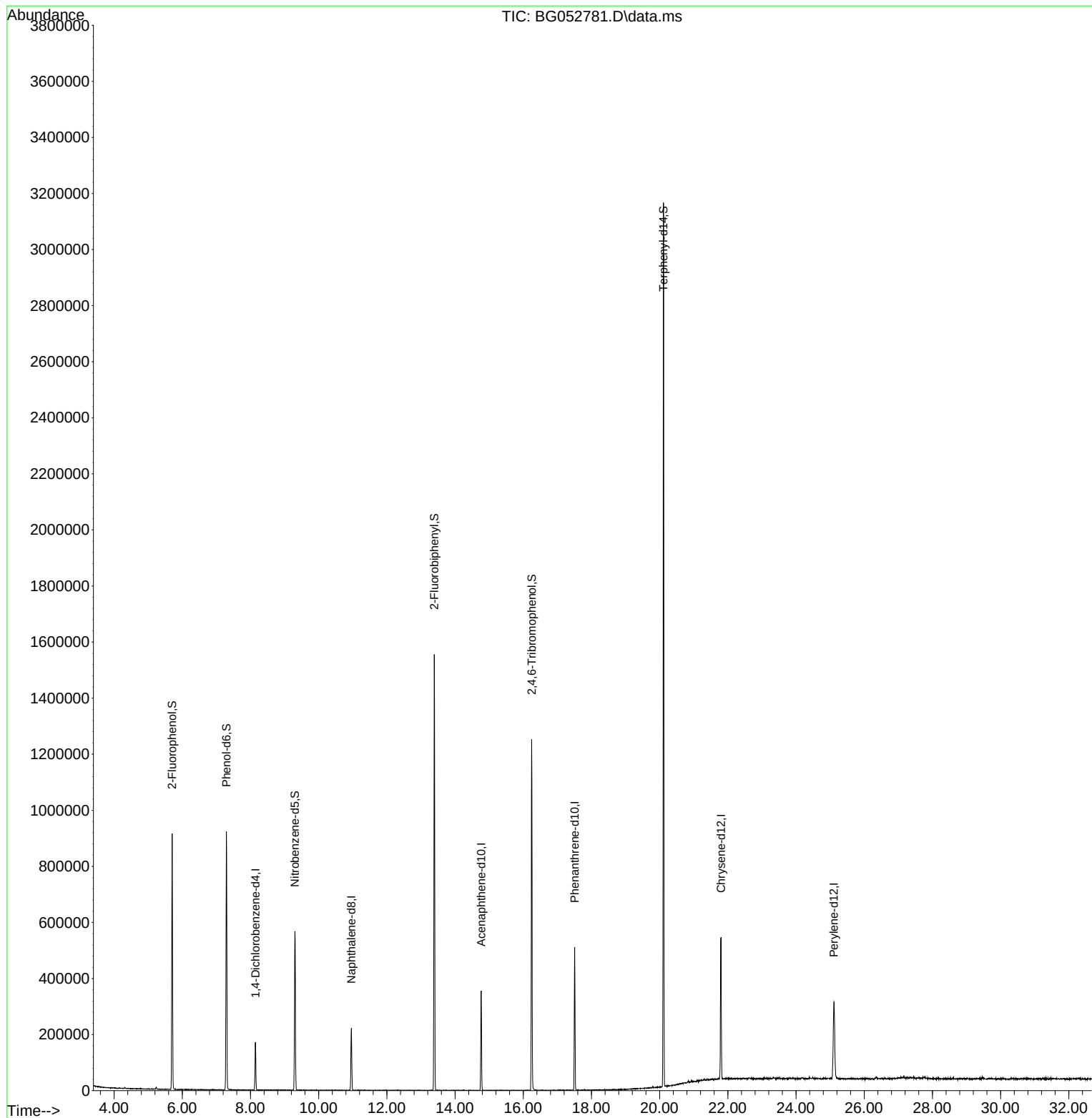
Target Compounds	Qvalue

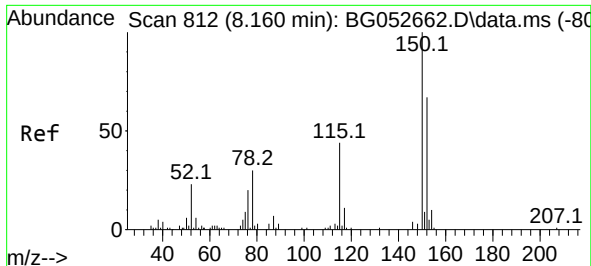
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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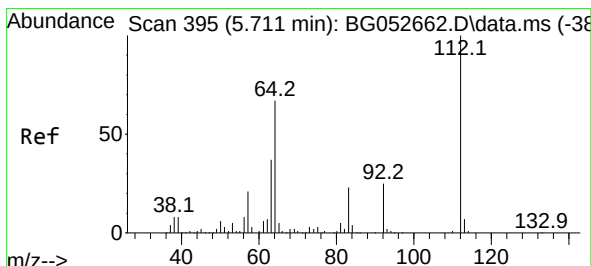
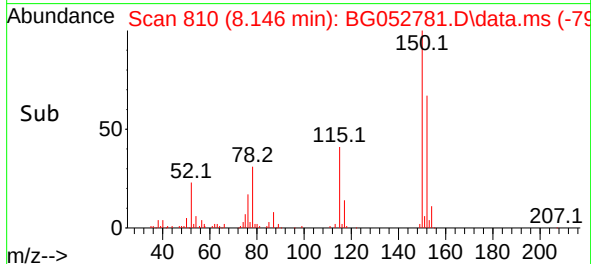
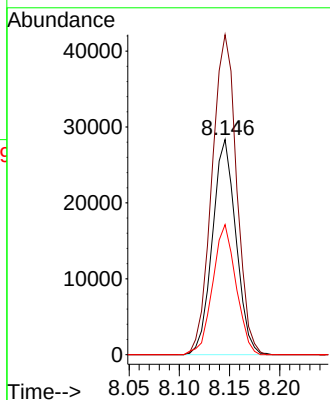
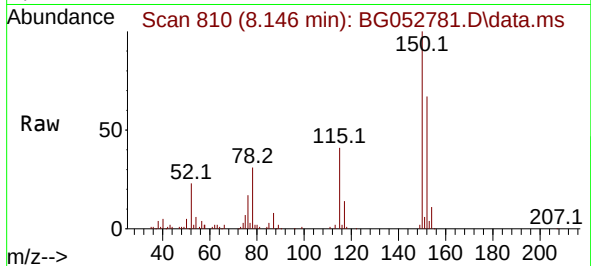




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

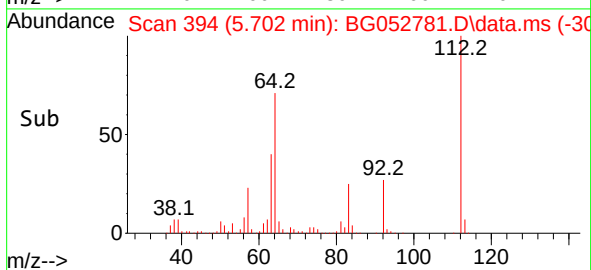
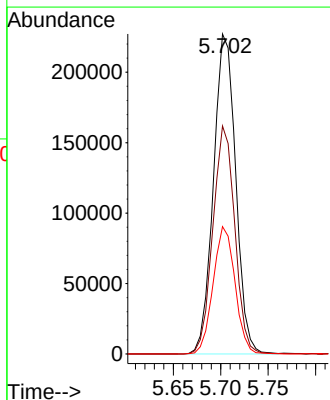
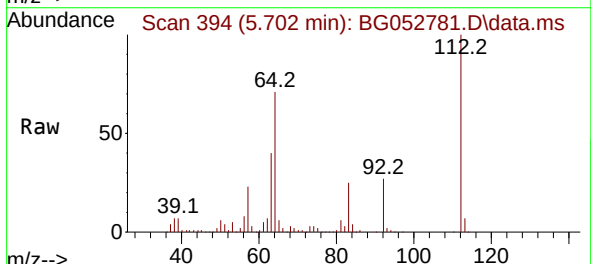
Instrument :
BNA_G
ClientSampleId :
PB143437TB

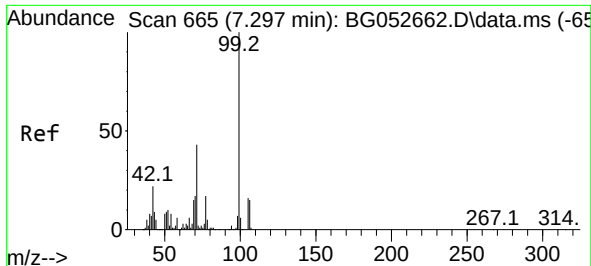
Tgt Ion:152 Resp: 46192
Ion Ratio Lower Upper
152 100
150 148.7 114.6 172.0
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 139.873 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion:112 Resp: 371001
Ion Ratio Lower Upper
112 100
64 71.2 48.0 72.0
63 39.8 26.5 39.7#

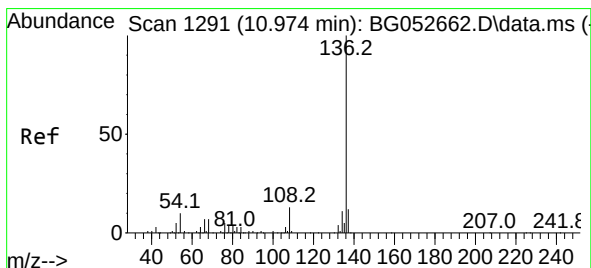
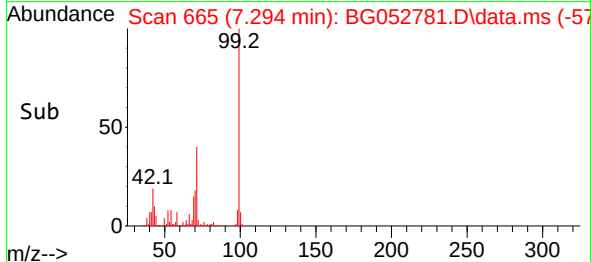
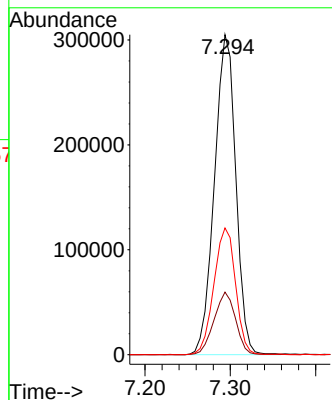
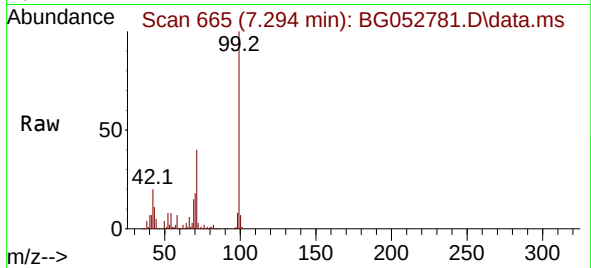




#7
Phenol-d6
Concen: 132.541 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

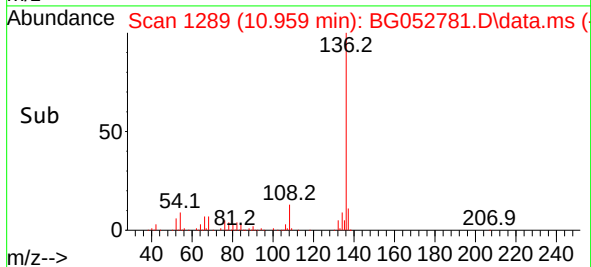
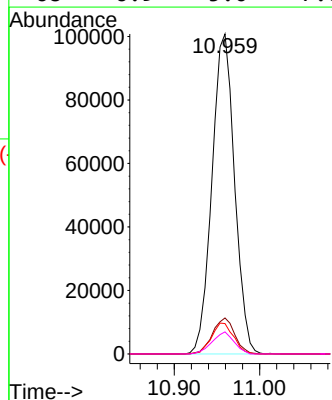
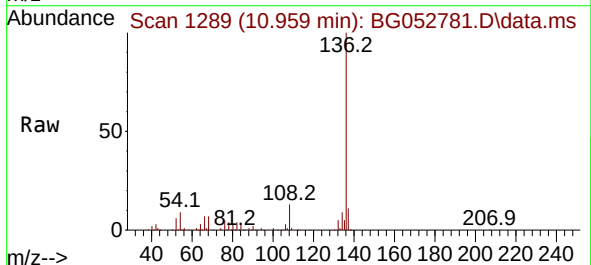
Instrument :
BNA_G
ClientSampleId :
PB143437TB

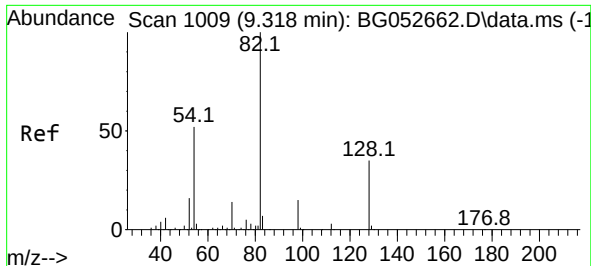
Tgt Ion: 99 Resp: 530003
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 39.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.959 min Scan# 1289
Delta R.T. -0.015 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion:136 Resp: 185374
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 9.5 6.4 9.6
68 6.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 99.575 ng

RT: 9.303 min Scan# 1009

Delta R.T. -0.015 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

Instrument :

BNA_G

ClientSampleId :

PB143437TB

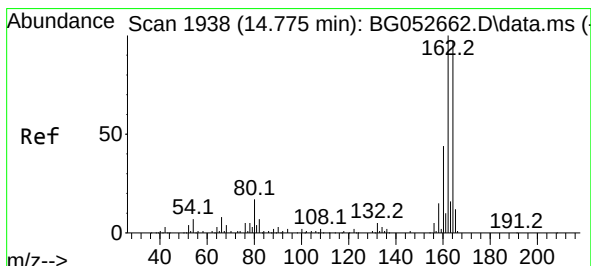
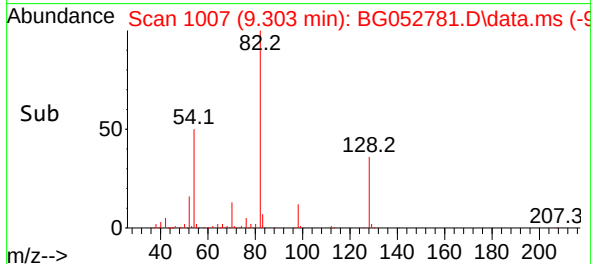
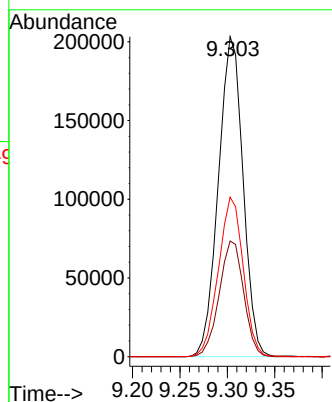
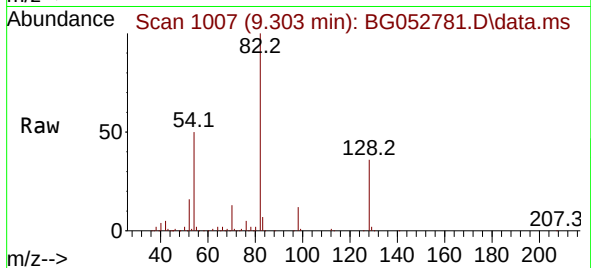
Tgt Ion: 82 Resp: 367774

Ion Ratio Lower Upper

82 100

128 36.2 31.3 46.9

54 49.8 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.766 min Scan# 1937

Delta R.T. -0.009 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

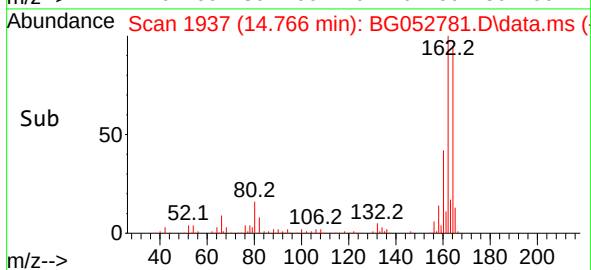
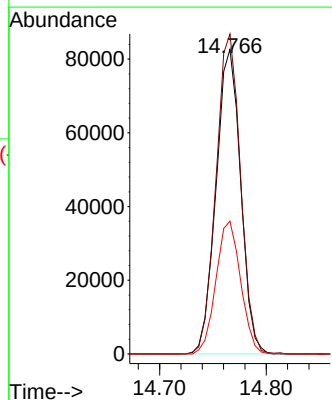
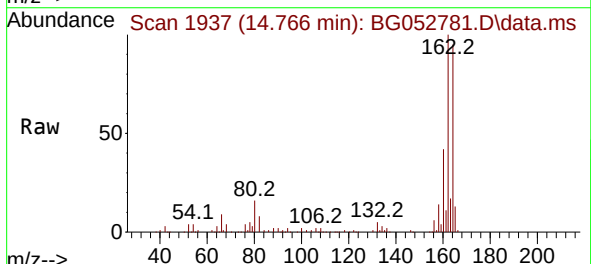
Tgt Ion: 164 Resp: 132130

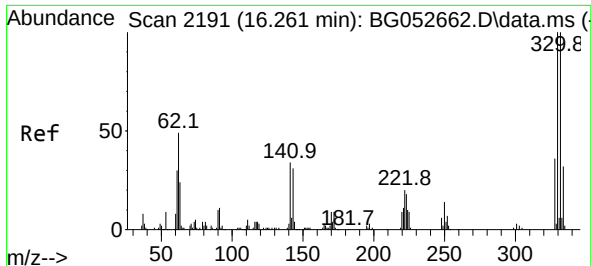
Ion Ratio Lower Upper

164 100

162 105.0 80.0 120.0

160 43.6 38.8 58.2

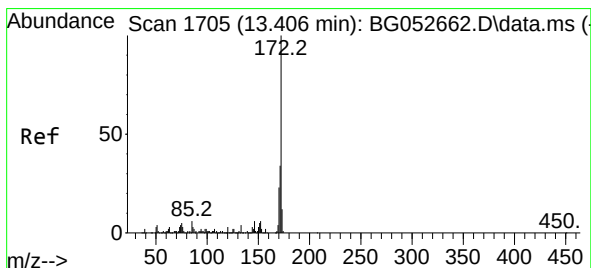
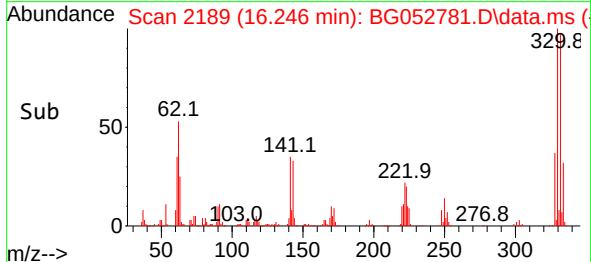
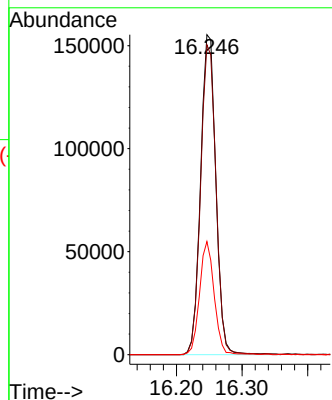
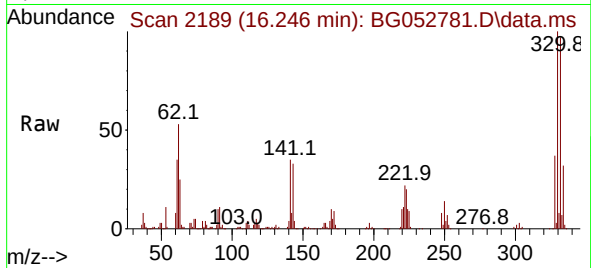




#42
 2,4,6-Tribromophenol
 Concen: 141.593 ng
 RT: 16.246 min Scan# 2191
 Delta R.T. -0.015 min
 Lab File: BG052781.D
 Acq: 22 Mar 2022 11:55

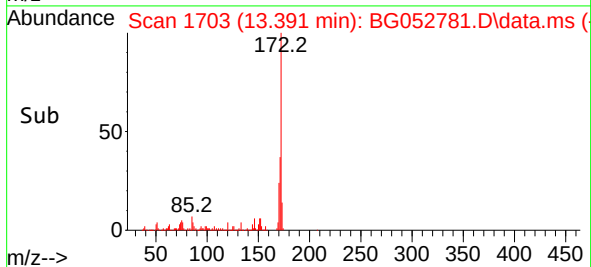
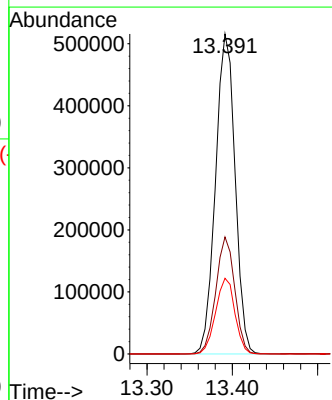
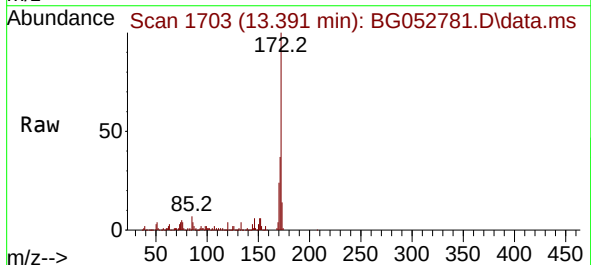
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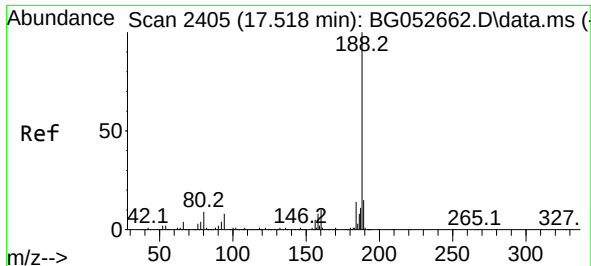
Tgt Ion:330 Resp: 251395
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.8 113.6
 141 33.9 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 91.592 ng
 RT: 13.391 min Scan# 1703
 Delta R.T. -0.015 min
 Lab File: BG052781.D
 Acq: 22 Mar 2022 11:55

Tgt Ion:172 Resp: 820566
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.3 42.5
 170 23.7 18.0 27.0

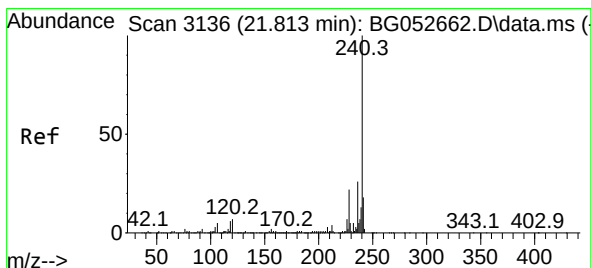
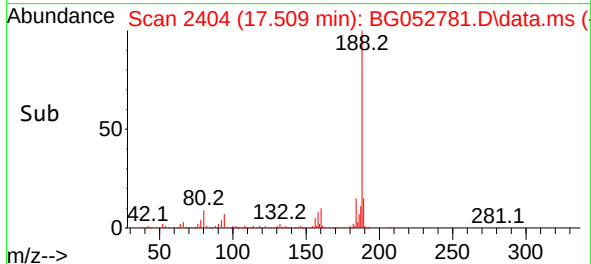
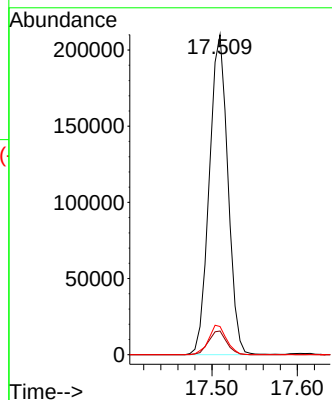
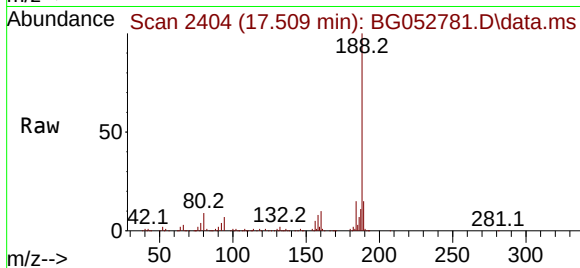




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

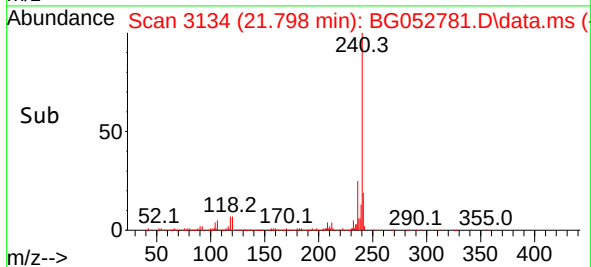
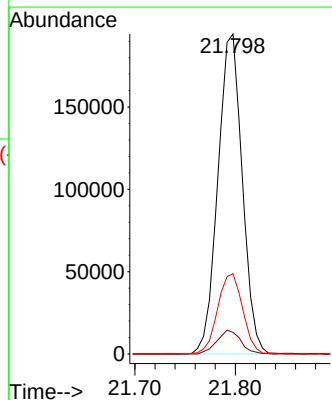
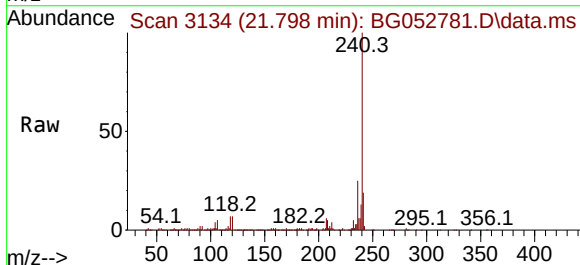
Instrument :
BNA_G
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PB143437TB

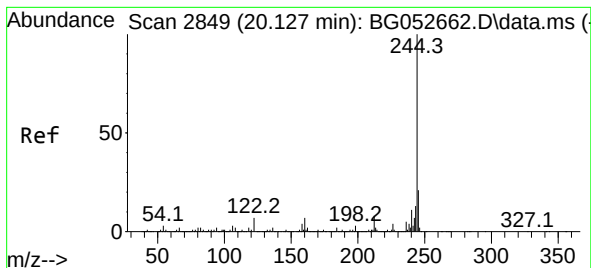
Tgt Ion:188 Resp: 317513
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3134
Delta R.T. -0.015 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion:240 Resp: 327223
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 25.1 19.8 29.6





#79

Terphenyl-d14

Concen: 86.323 ng

RT: 20.112 min Scan# 2

Delta R.T. -0.015 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

Instrument :

BNA_G

ClientSampleId :

PB143437TB

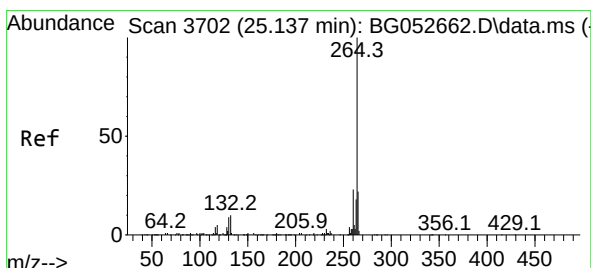
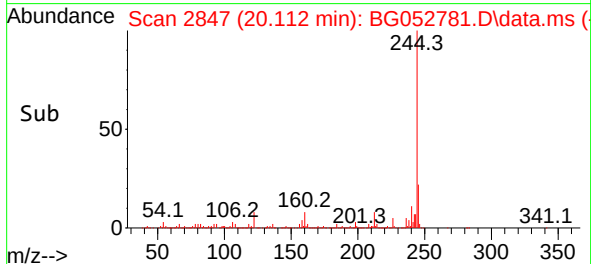
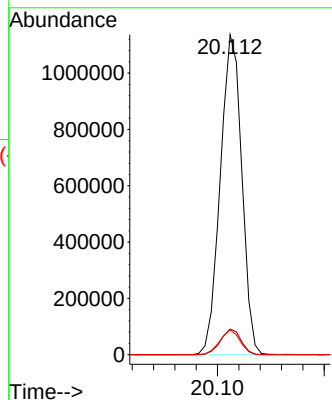
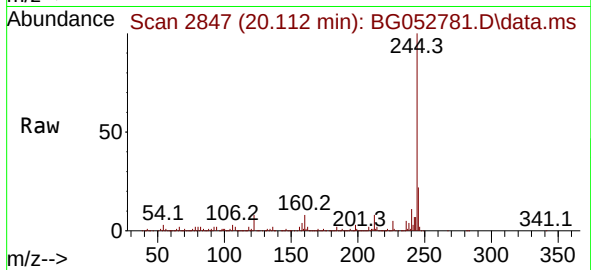
Tgt Ion:244 Resp: 1587926

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 7.7 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.111 min Scan# 3698

Delta R.T. -0.027 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

Tgt Ion:264 Resp: 315959

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 22.0 15.1 22.7

