

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053008.D
 Acq On : 4 Apr 2022 15:05
 Operator : CG/JU
 Sample : PB143836BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143836BL

Quant Time: Apr 05 01:06:51 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	8.137	152	35008	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	139625	20.000	ng	#-0.01
39) Acenaphthene-d10	14.752	164	106713	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	262852	20.000	ng	0.00
76) Chrysene-d12	21.777	240	277804	20.000	ng	-0.02
86) Perylene-d12	25.079	264	271457	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	293164	145.838	ng	0.00
7) Phenol-d6	7.285	99	425793	140.498	ng	0.00
23) Nitrobenzene-d5	9.294	82	302001	108.559	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	222548	155.201	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	691085	95.513	ng	-0.01
79) Terphenyl-d14	20.097	244	1367663	87.575	ng	-0.01

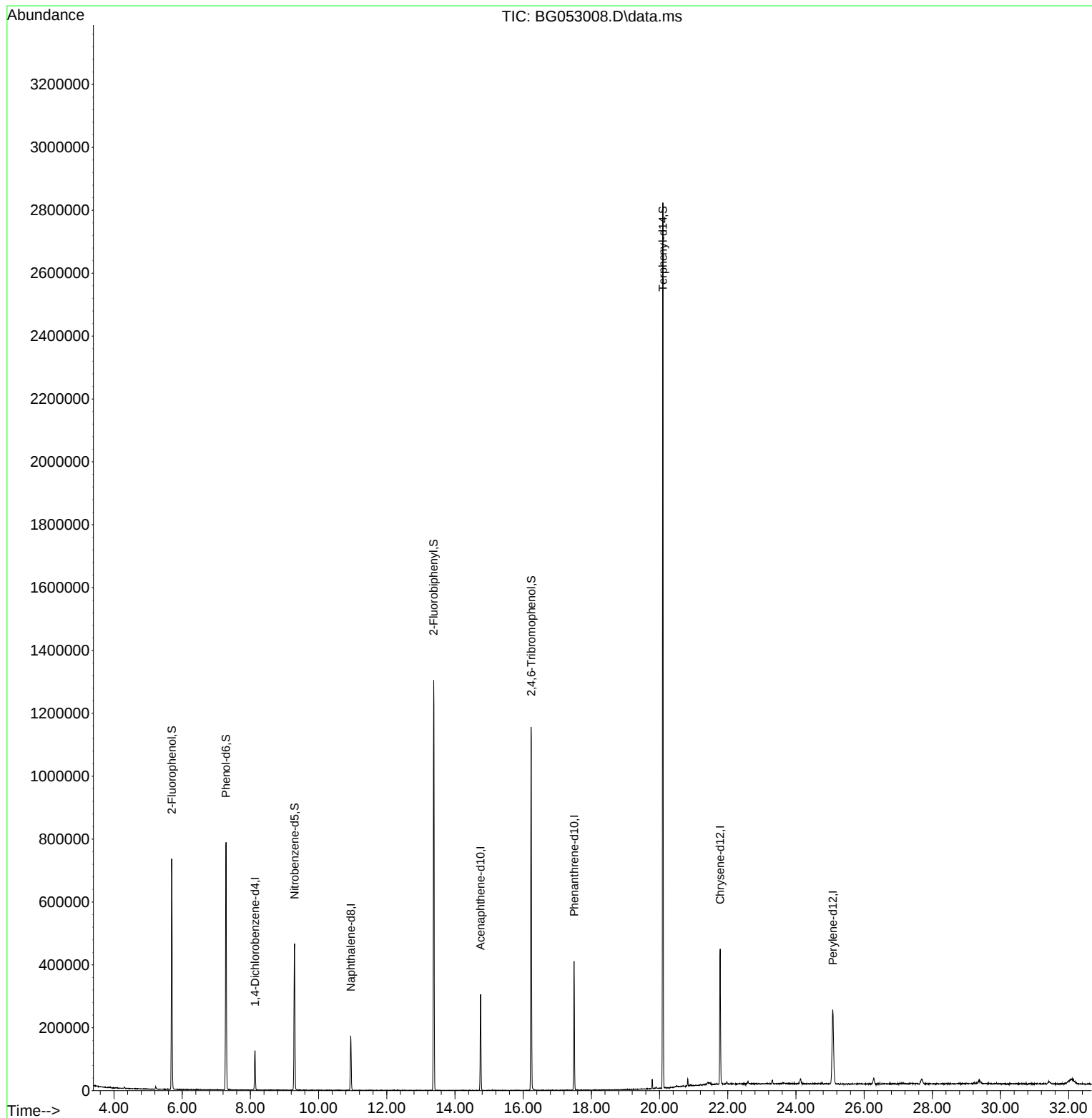
Target Compounds	Qvalue

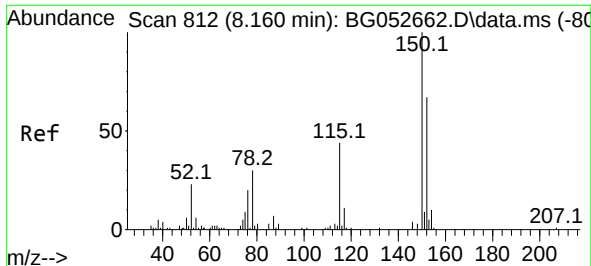
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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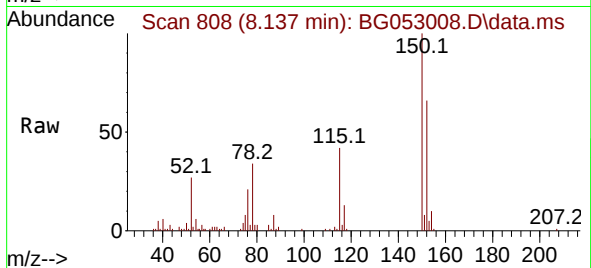
Quant Time: Apr 05 01:06:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
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Response via : Initial Calibration



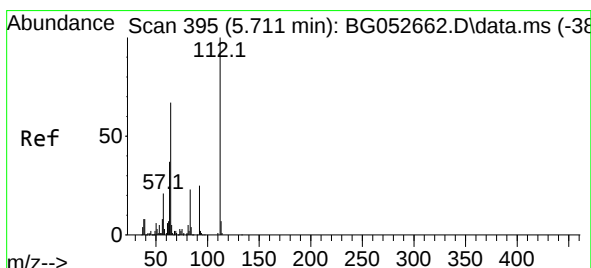
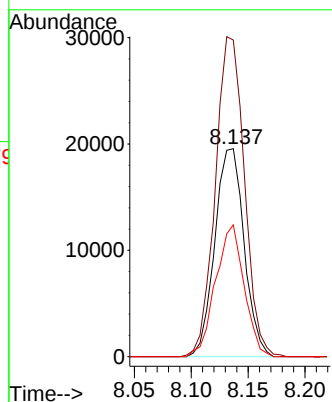
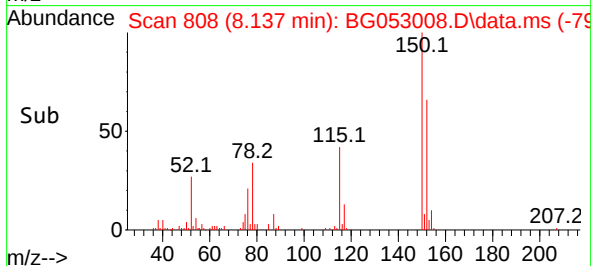


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Instrument :
BNA_G
ClientSampleId :
PB143836BL

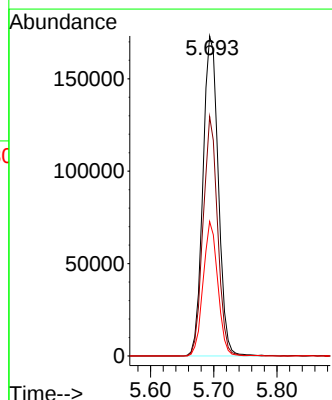
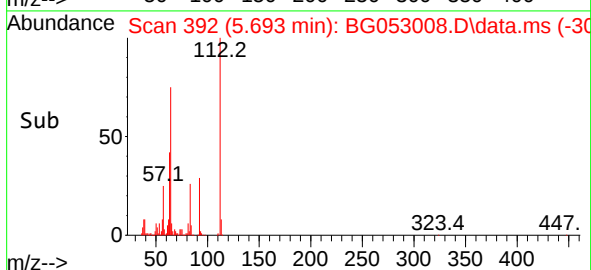
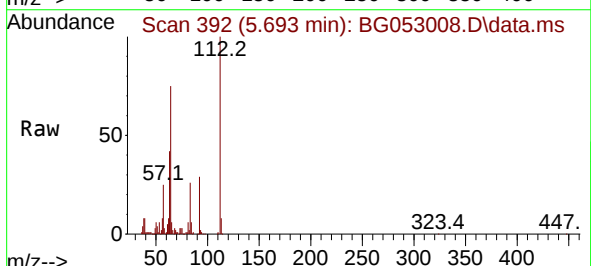


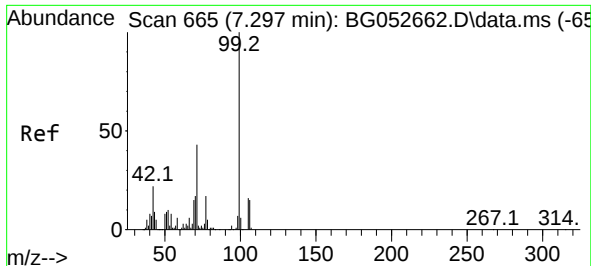
Tgt Ion:152 Resp: 35008
Ion Ratio Lower Upper
152 100
150 152.2 114.6 172.0
115 63.4 45.9 68.9



#5
2-Fluorophenol
Concen: 145.838 ng
RT: 5.693 min Scan# 392
Delta R.T. -0.003 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:112 Resp: 293164
Ion Ratio Lower Upper
112 100
64 74.8 48.0 72.0#
63 42.0 26.5 39.7#

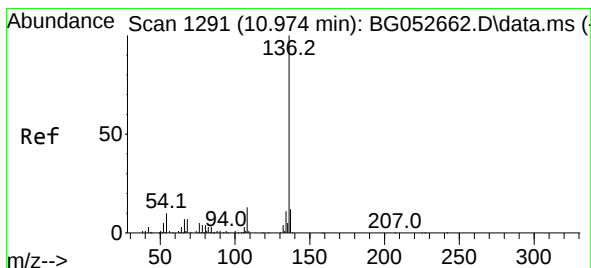
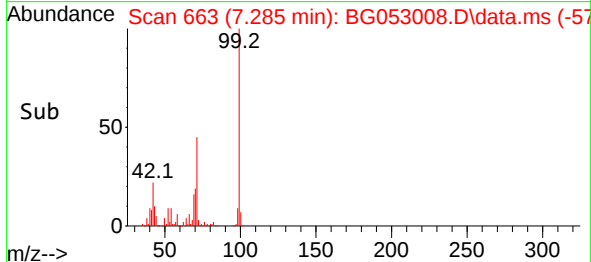
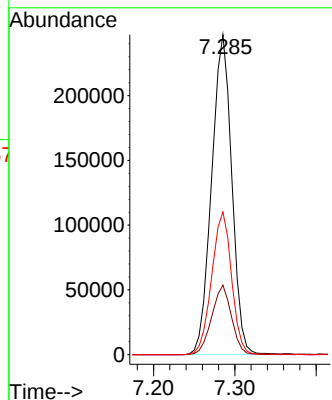
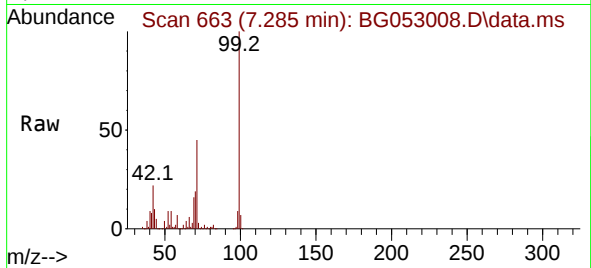




#7
Phenol-d6
Concen: 140.498 ng
RT: 7.285 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

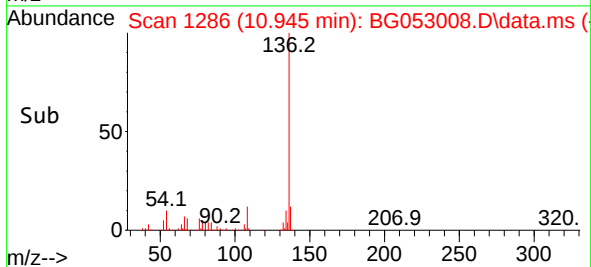
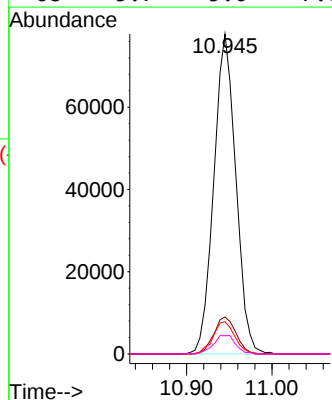
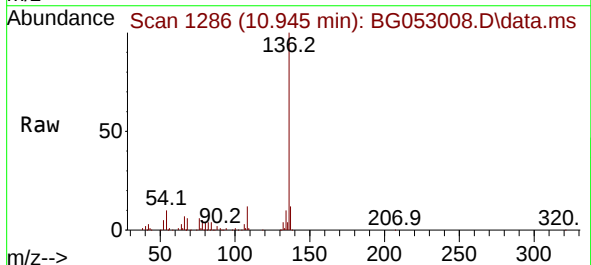
Instrument :
BNA_G
ClientSampleId :
PB143836BL

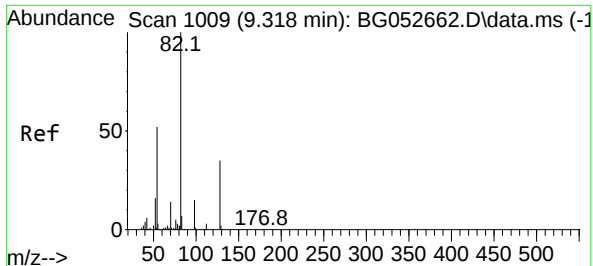
Tgt Ion: 99 Resp: 425793
Ion Ratio Lower Upper
99 100
42 21.7 14.7 22.1
71 44.6 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.945 min Scan# 1286
Delta R.T. -0.015 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion: 136 Resp: 139625
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 10.1 6.4 9.6#
68 5.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 108.559 ng

RT: 9.294 min Scan# 1005

Delta R.T. -0.009 min

Lab File: BG053008.D

Acq: 4 Apr 2022 15:05

Instrument :

BNA_G

ClientSampleId :

PB143836BL

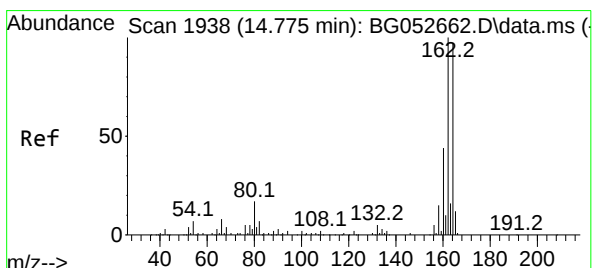
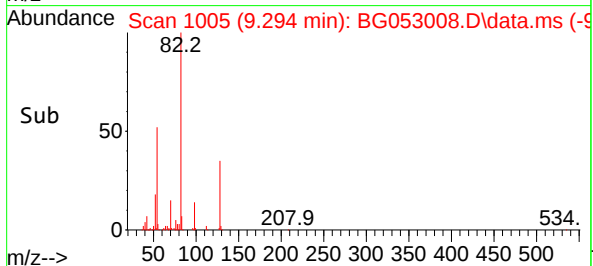
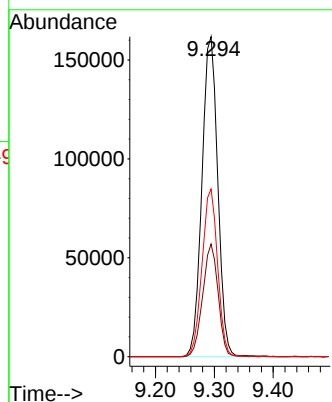
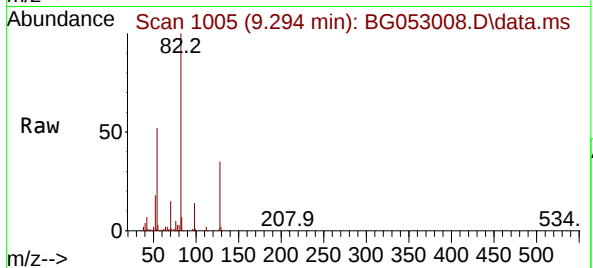
Tgt Ion: 82 Resp: 302001

Ion Ratio Lower Upper

82 100

128 35.2 31.3 46.9

54 52.4 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.752 min Scan# 1934

Delta R.T. -0.015 min

Lab File: BG053008.D

Acq: 4 Apr 2022 15:05

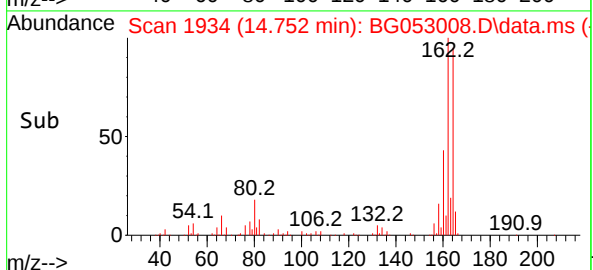
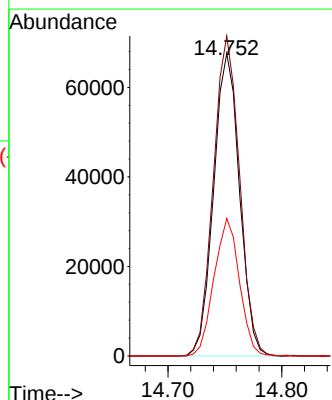
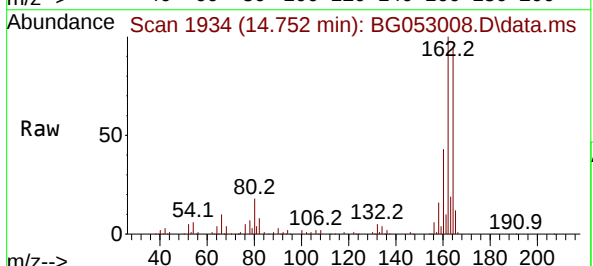
Tgt Ion:164 Resp: 106713

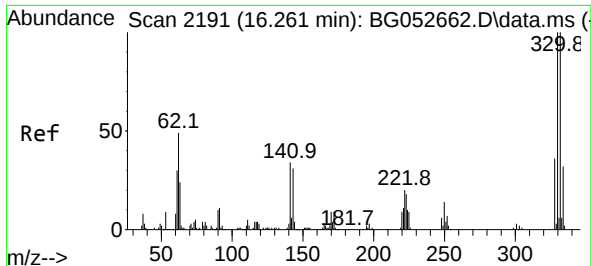
Ion Ratio Lower Upper

164 100

162 105.8 80.0 120.0

160 45.4 38.8 58.2

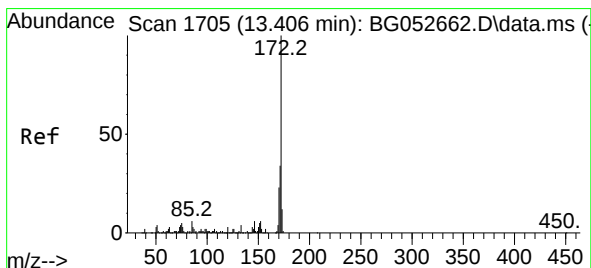
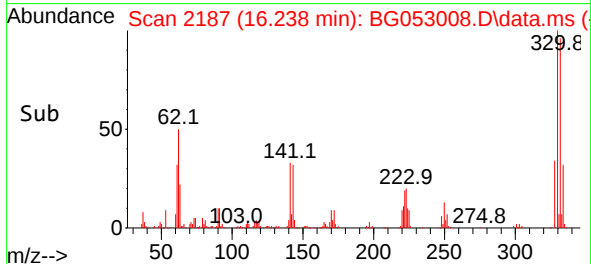
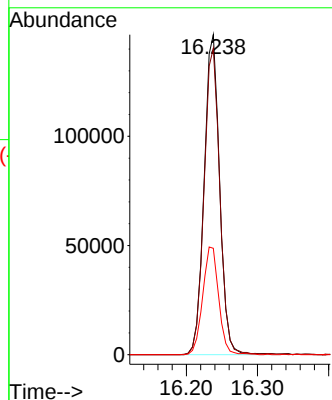
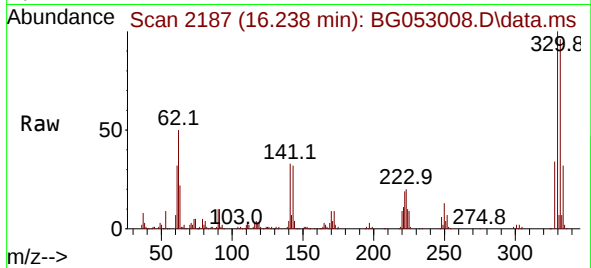




#42
2,4,6-Tribromophenol
Concen: 155.201 ng
RT: 16.238 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

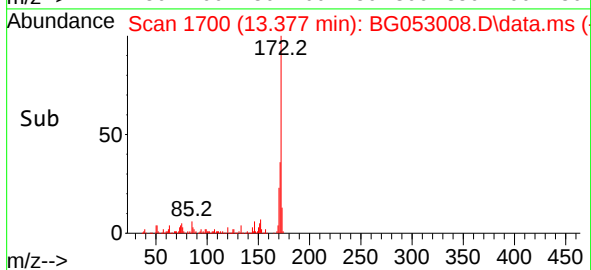
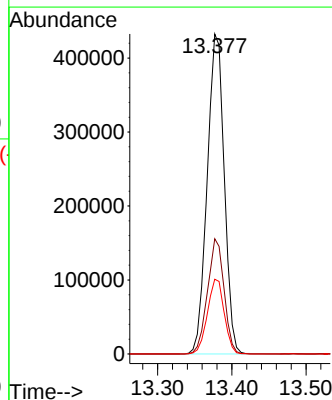
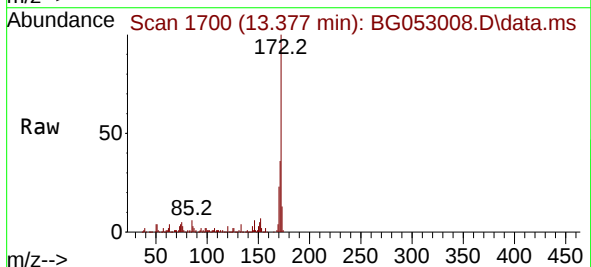
Instrument :
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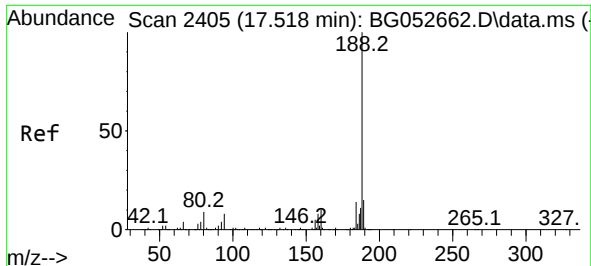
Tgt Ion:330 Resp: 222548
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 34.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 95.513 ng
RT: 13.377 min Scan# 1700
Delta R.T. -0.015 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:172 Resp: 691085
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.4 18.0 27.0

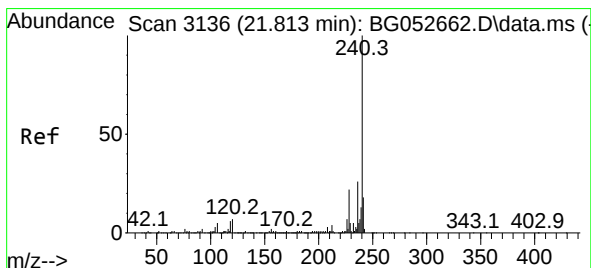
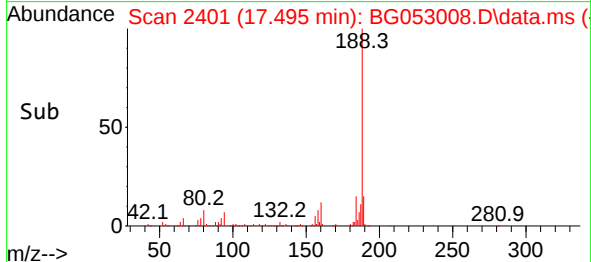
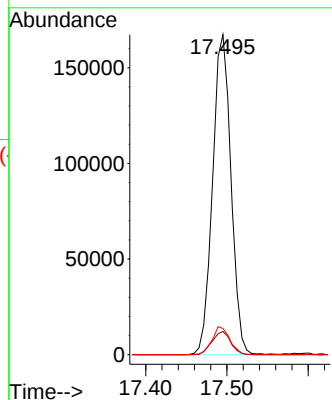
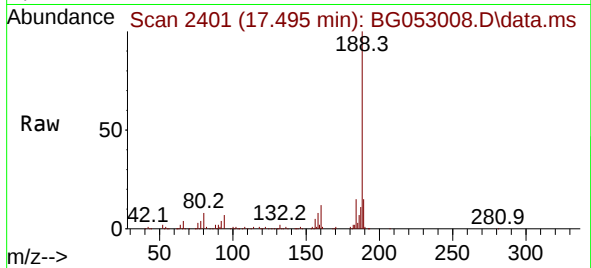




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

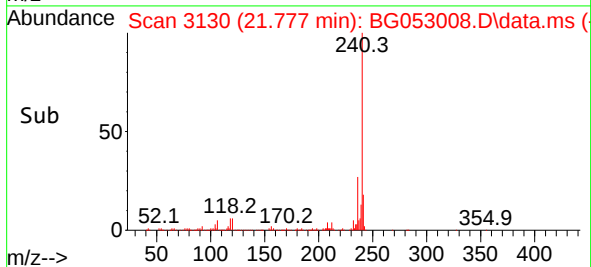
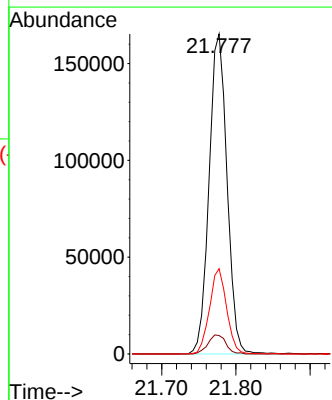
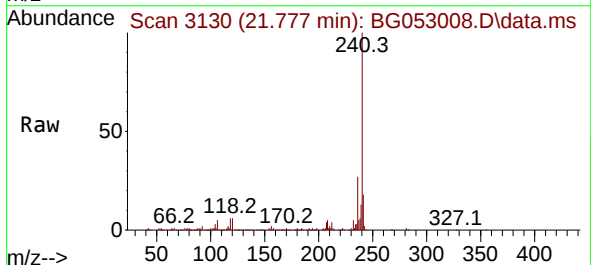
Instrument :
BNA_G
ClientSampleId :
PB143836BL

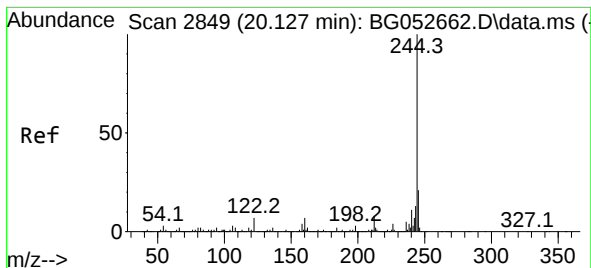
Tgt Ion:188 Resp: 262852
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. -0.021 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:240 Resp: 277804
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 26.7 19.8 29.6





#79

Terphenyl-d14

Concen: 87.575 ng

RT: 20.097 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG053008.D

Acq: 4 Apr 2022 15:05

Instrument :

BNA_G

ClientSampleId :

PB143836BL

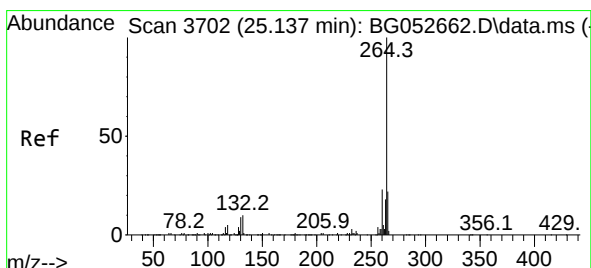
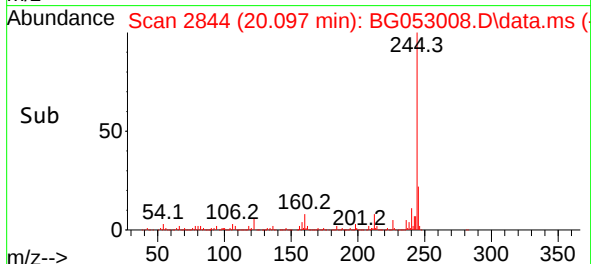
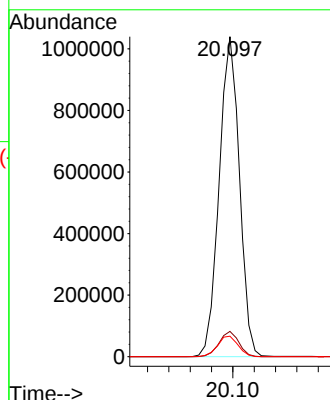
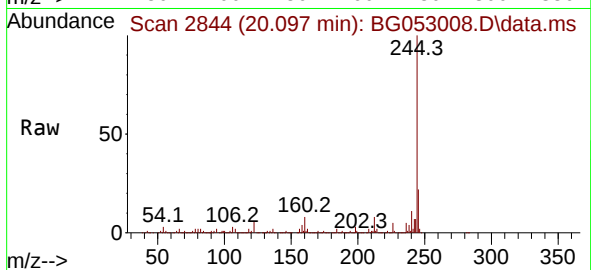
Tgt Ion:244 Resp: 1367663

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: 25.079 min Scan# 3692

Delta R.T. -0.033 min

Lab File: BG053008.D

Acq: 4 Apr 2022 15:05

Tgt Ion:264 Resp: 271457

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 23.6 15.1 22.7#

