

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060956.D
 Acq On : 19 Apr 2024 12:13
 Operator : MA/JU
 Sample : PB160349BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160349BL

Quant Time: Apr 19 12:56:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	22929	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	85623	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	77135	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	214242	20.000	ng	# 0.00
76) Chrysene-d12	21.572	240	224971	20.000	ng	# 0.00
86) Perylene-d12	24.698	264	254507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	177076	134.143	ng	0.00
7) Phenol-d6	7.107	99	238892	125.624	ng	0.00
23) Nitrobenzene-d5	9.093	82	162743	86.287	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	207641	162.946	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	455997	86.752	ng	0.00
79) Terphenyl-d14	19.939	244	1198773	92.996	ng	0.00

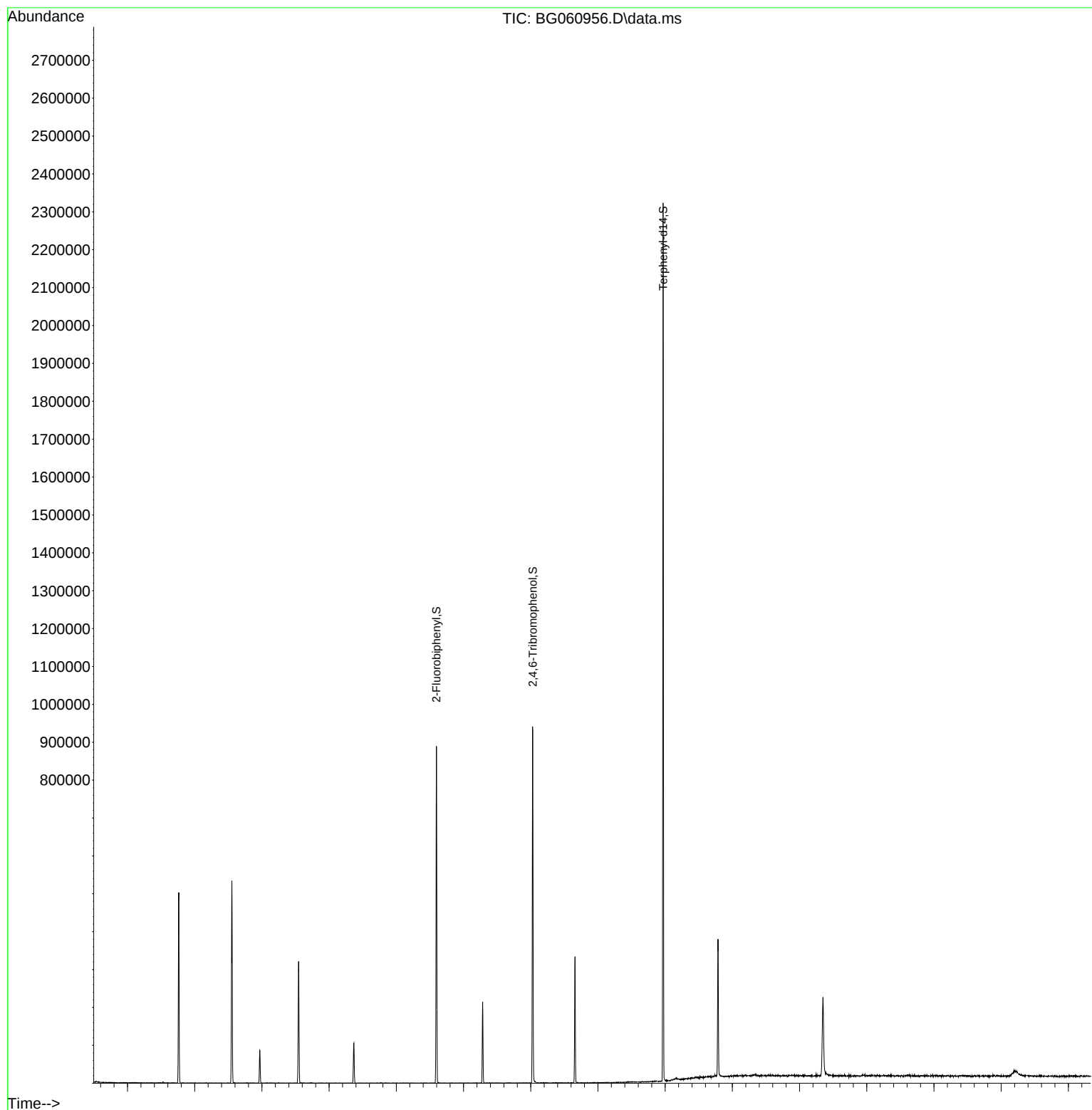
Target Compounds Qvalue

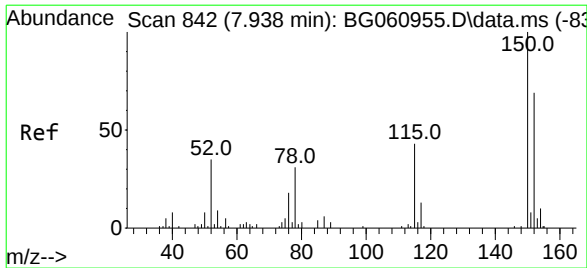
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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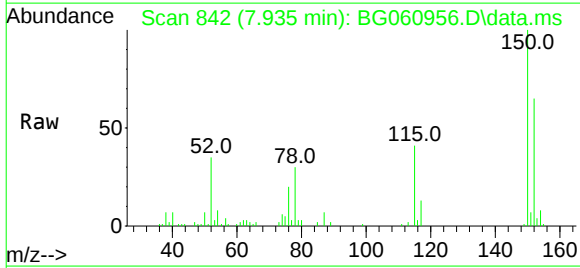
Quant Time: Apr 19 12:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
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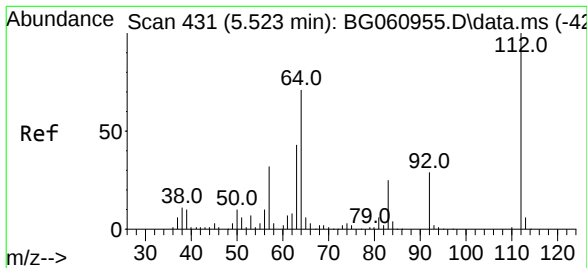
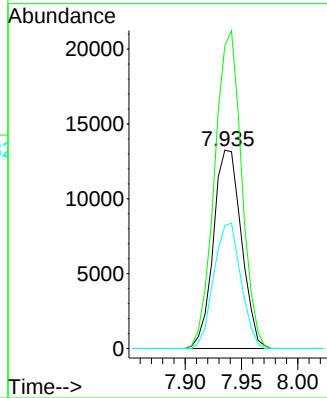
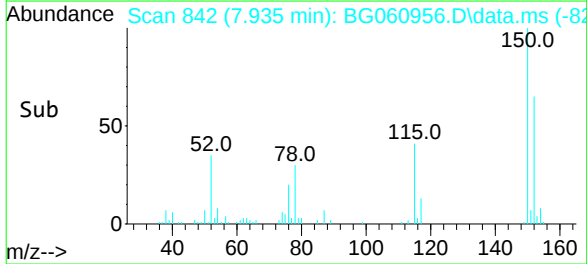


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG060956.D
Acq: 19 Apr 2024 12:13

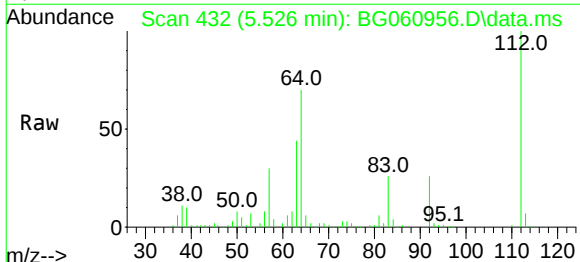
Instrument :
BNA_G
ClientSampleId :
PB160349BL



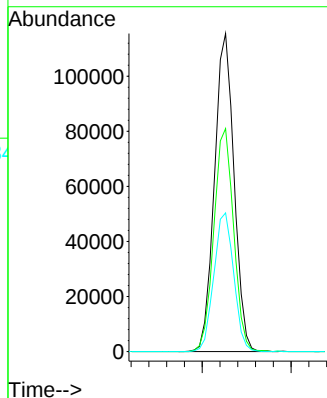
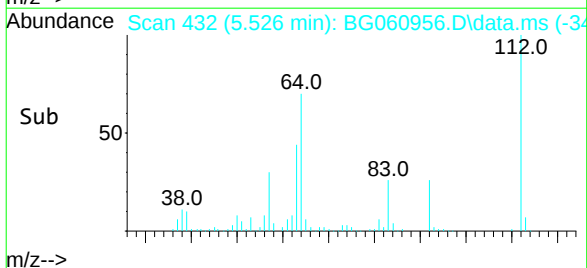
Tgt Ion:152 Resp: 22929
Ion Ratio Lower Upper
152 100
150 152.7 125.6 188.4
115 62.0 47.1 70.7

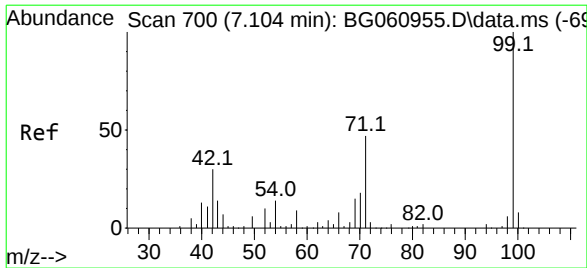


#5
2-Fluorophenol
Concen: 134.143 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG060956.D
Acq: 19 Apr 2024 12:13



Tgt Ion:112 Resp: 177076
Ion Ratio Lower Upper
112 100
64 70.1 58.9 88.3
63 43.6 32.1 48.1

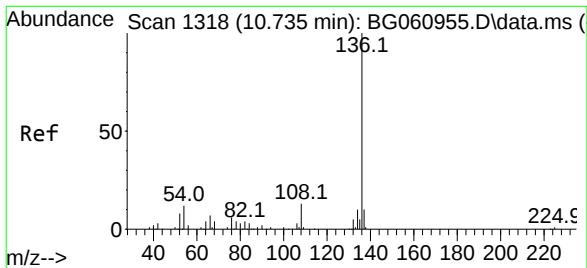
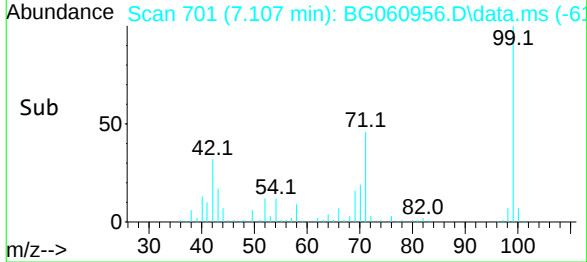
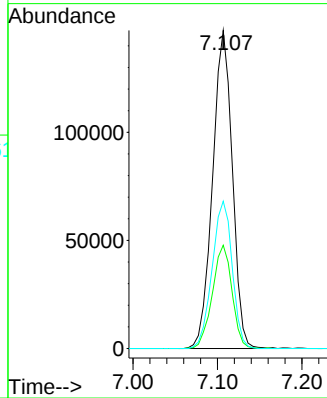
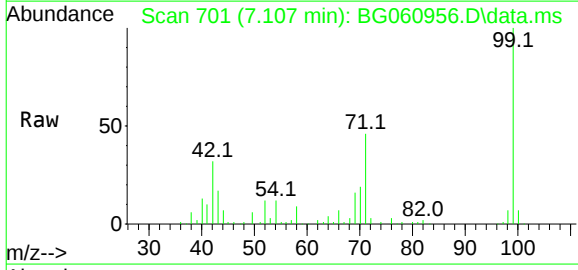




#7
Phenol-d6
Concen: 125.624 ng
RT: 7.107 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG060956.D
Acq: 19 Apr 2024 12:13

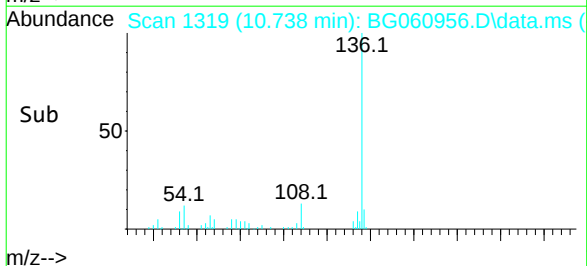
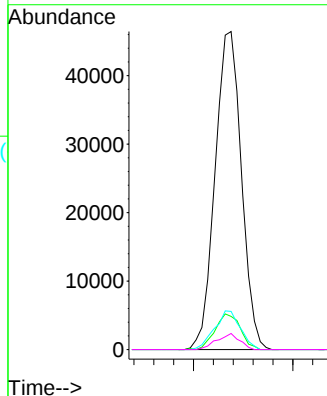
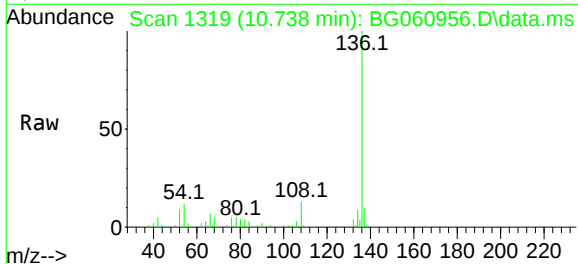
Instrument :
BNA_G
ClientSampleId :
PB160349BL

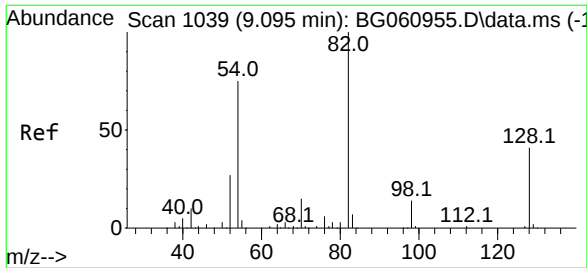
Tgt Ion: 99 Resp: 238892
Ion Ratio Lower Upper
99 100
42 32.5 22.2 33.2
71 46.3 30.5 45.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG060956.D
Acq: 19 Apr 2024 12:13

Tgt Ion: 136 Resp: 85623
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 12.0 9.8 14.8
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.287 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BG060956.D

Acq: 19 Apr 2024 12:13

Instrument :

BNA_G

ClientSampleId :

PB160349BL

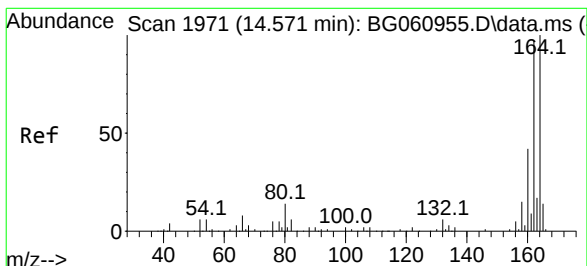
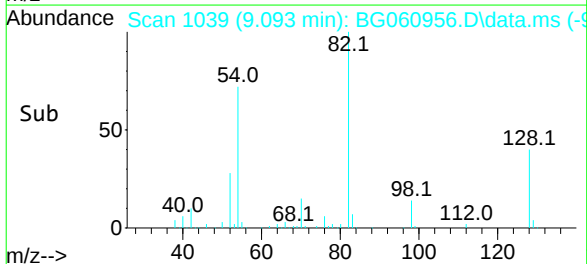
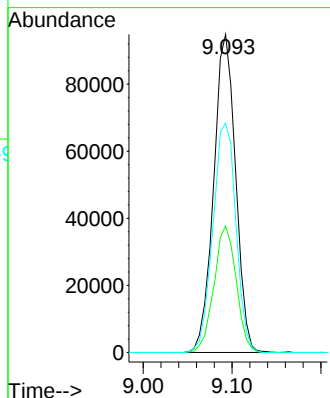
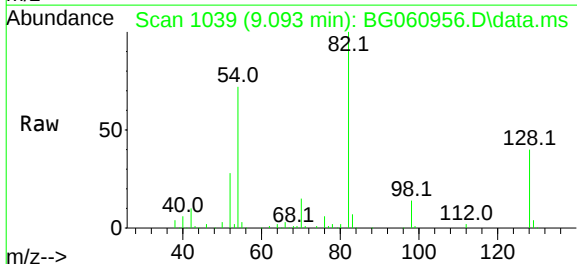
Tgt Ion: 82 Resp: 162743

Ion Ratio Lower Upper

82 100

128 39.8 31.4 47.0

54 72.1 54.2 81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BG060956.D

Acq: 19 Apr 2024 12:13

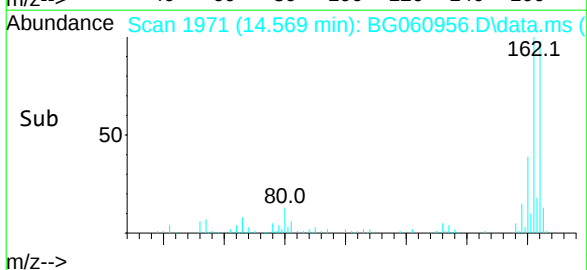
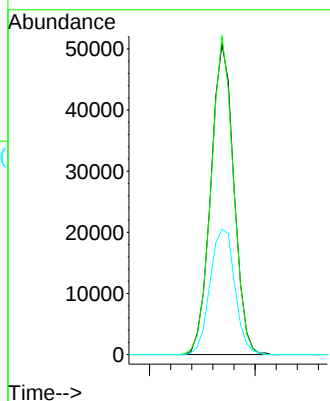
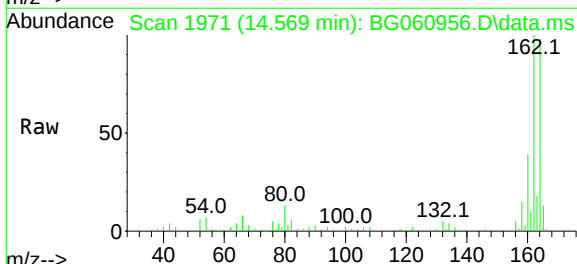
Tgt Ion:164 Resp: 77135

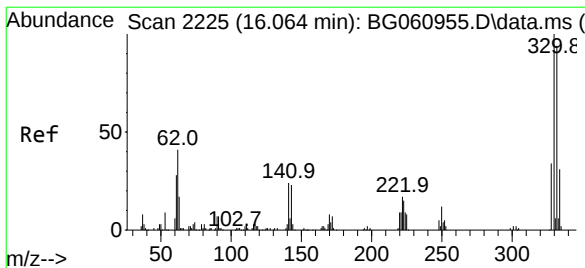
Ion Ratio Lower Upper

164 100

162 102.5 84.1 126.1

160 40.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 162.946 ng

RT: 16.061 min Scan# 2225

Delta R.T. -0.000 min

Lab File: BG060956.D

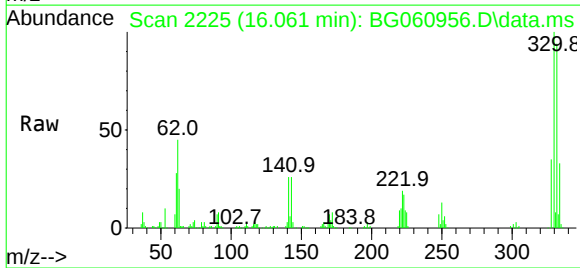
Acq: 19 Apr 2024 12:13

Instrument :

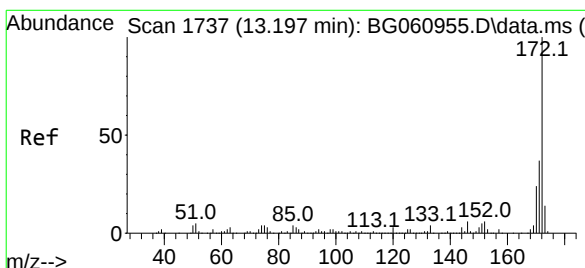
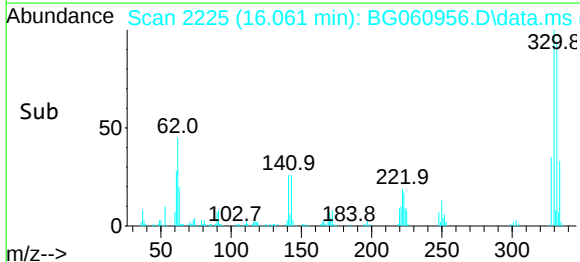
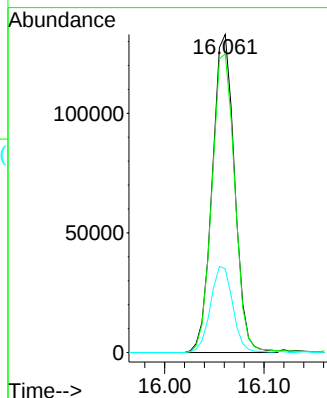
BNA_G

ClientSampleId :

PB160349BL



Tgt Ion:	330	Resp:	207641
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	27.0	23.7	35.5



#45

2-Fluorobiphenyl

Concen: 86.752 ng

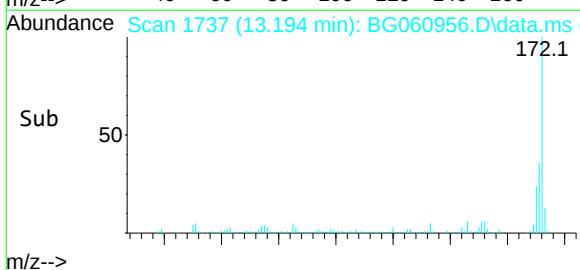
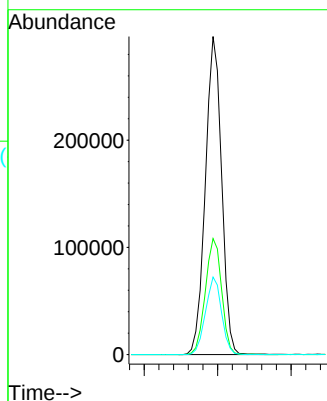
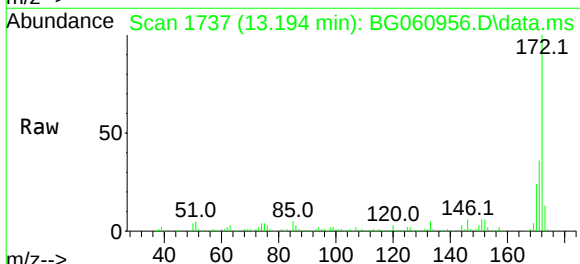
RT: 13.194 min Scan# 1737

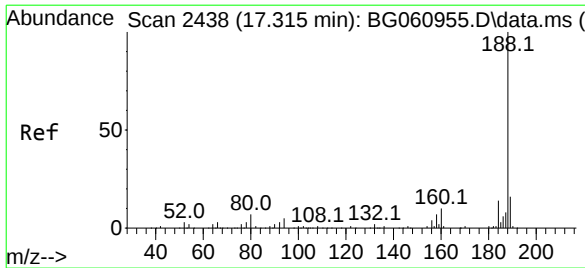
Delta R.T. -0.000 min

Lab File: BG060956.D

Acq: 19 Apr 2024 12:13

Tgt Ion:	172	Resp:	455997
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.3	43.9
170	24.4	19.5	29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BG060956.D

Acq: 19 Apr 2024 12:13

Instrument :

BNA_G

ClientSampleId :

PB160349BL

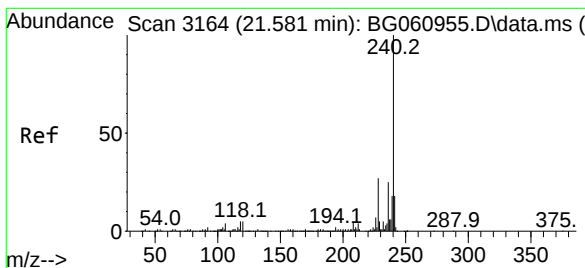
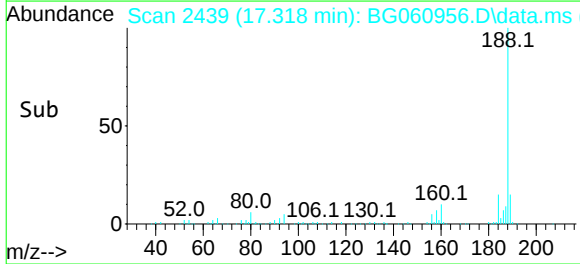
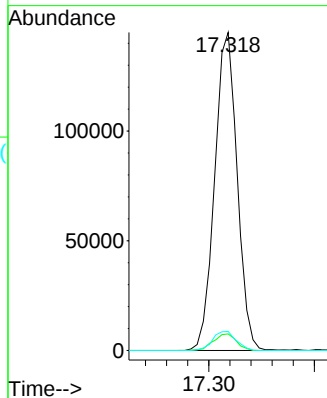
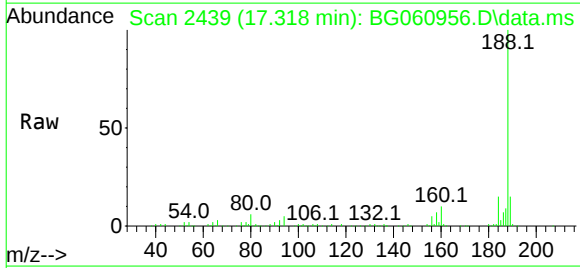
Tgt Ion:188 Resp: 214242

Ion Ratio Lower Upper

188 100

94 5.2 5.7 8.5#

80 6.0 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BG060956.D

Acq: 19 Apr 2024 12:13

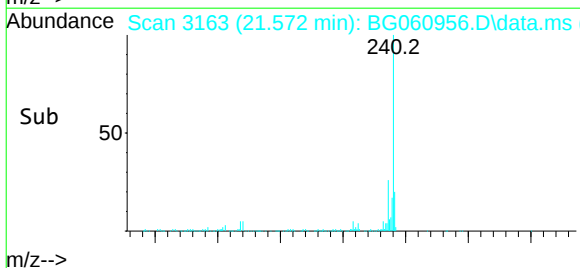
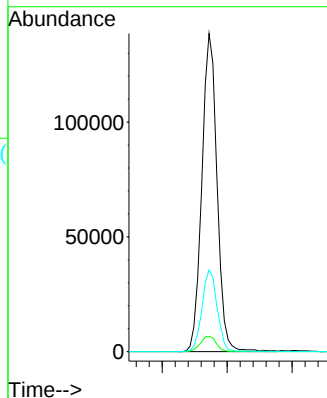
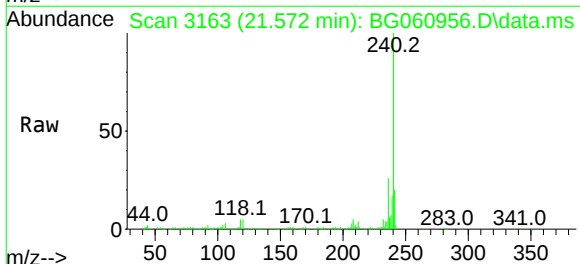
Tgt Ion:240 Resp: 224971

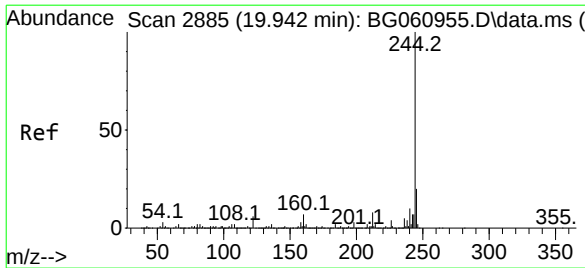
Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 92.996 ng

RT: 19.939 min Scan# 28

Delta R.T. -0.000 min

Lab File: BG060956.D

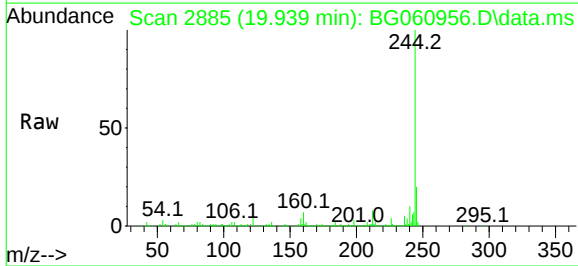
Acq: 19 Apr 2024 12:13

Instrument :

BNA_G

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PB160349BL



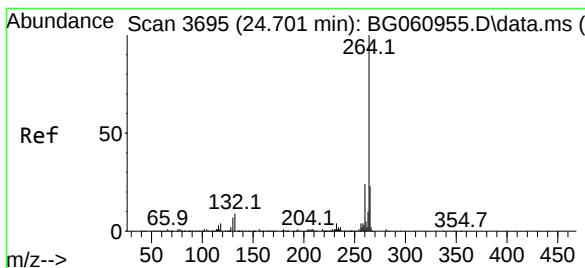
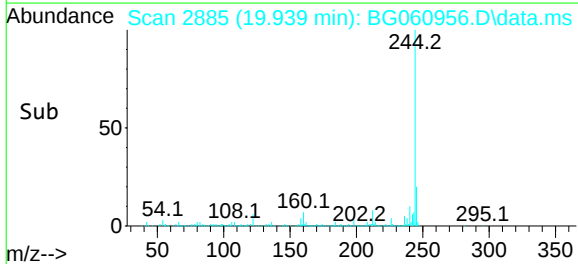
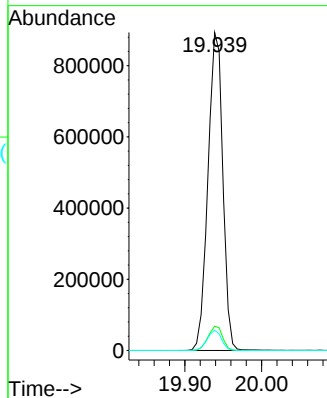
Tgt Ion:244 Resp: 1198773

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 6.4 6.6 9.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3695

Delta R.T. -0.000 min

Lab File: BG060956.D

Acq: 19 Apr 2024 12:13

Tgt Ion:264 Resp: 254507

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 20.7 16.6 25.0

