

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060933.D
 Acq On : 18 Apr 2024 12:28
 Operator : MA/JU
 Sample : PB160330BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160330BL

Quant Time: Apr 18 13:07:21 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	7.936	152	44683	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	166871	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	144161	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	418575	20.000	ng	0.00
76) Chrysene-d12	21.573	240	439515	20.000	ng	0.00
86) Perylene-d12	24.693	264	498815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	374155	145.446	ng	0.00
7) Phenol-d6	7.107	99	506124	136.575	ng	0.00
23) Nitrobenzene-d5	9.093	82	339043	92.238	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	345730	145.168	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	854569	86.989	ng	0.00
79) Terphenyl-d14	19.939	244	2157477	85.670	ng	0.00

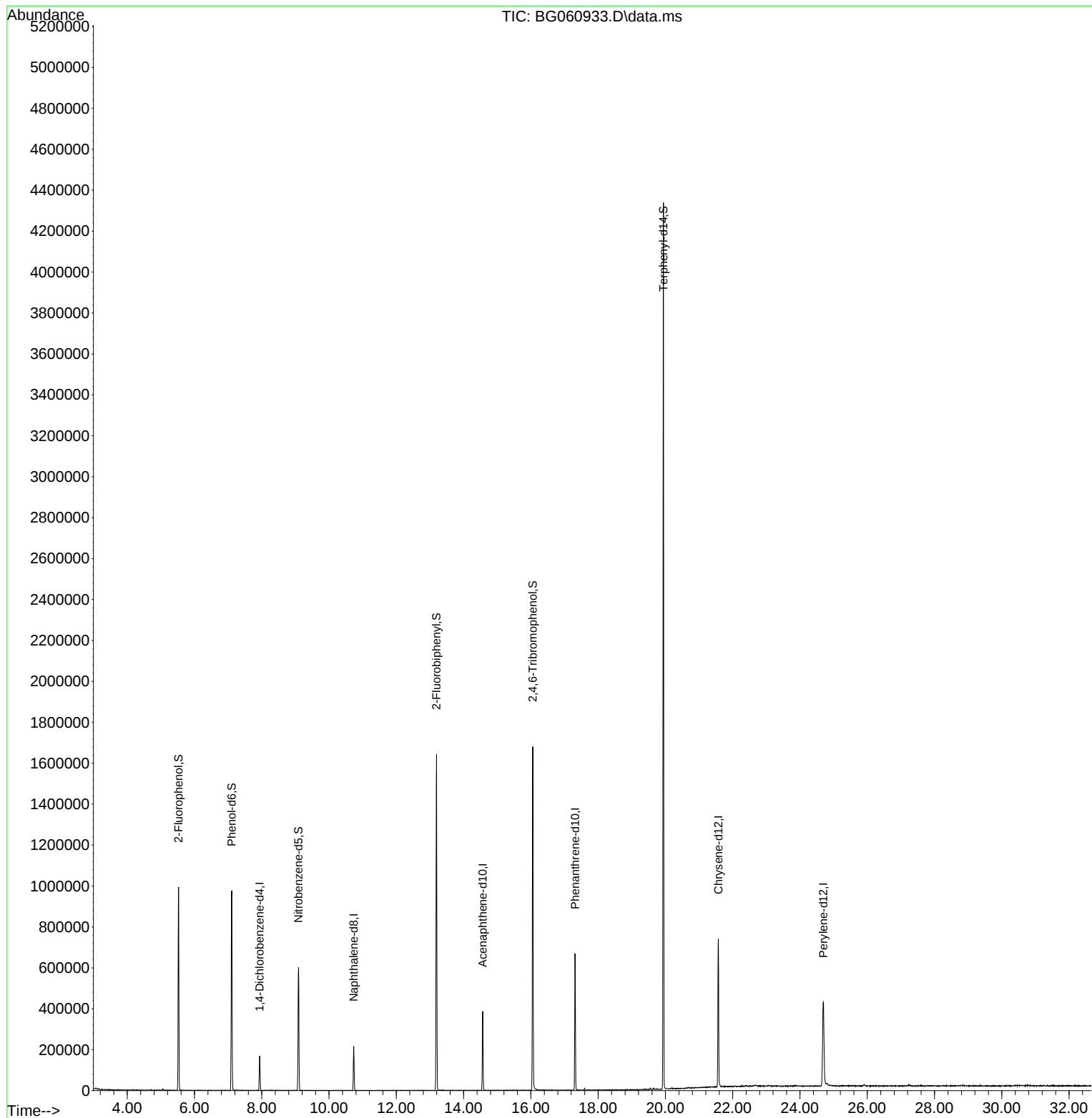
Target Compounds	Qvalue

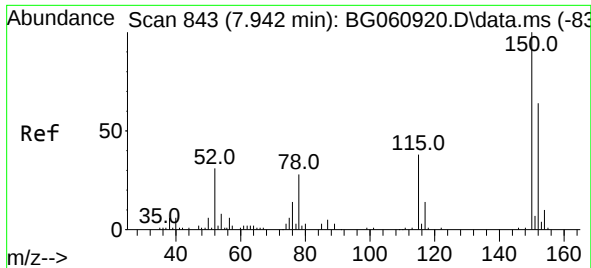
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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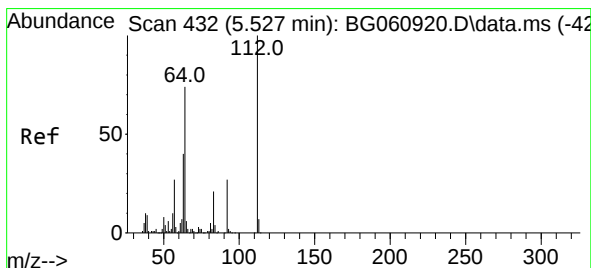
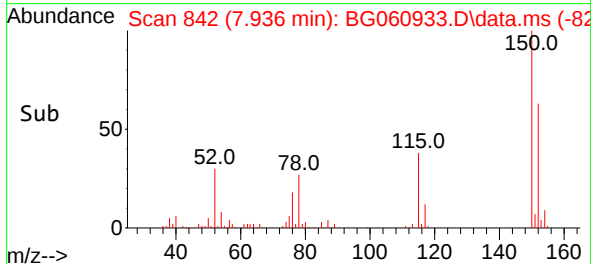
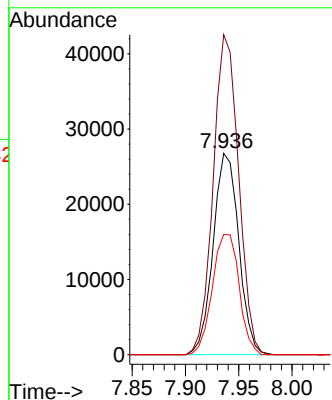
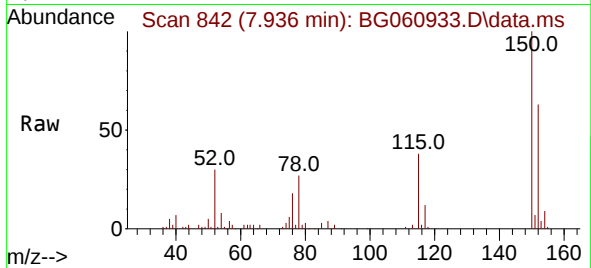




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 843
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

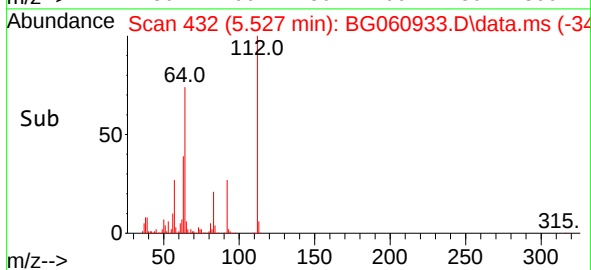
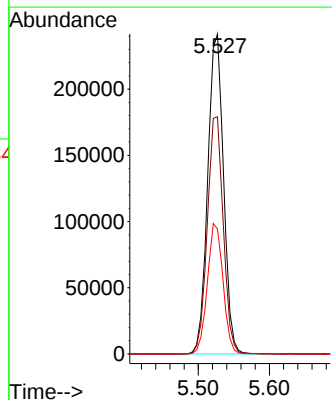
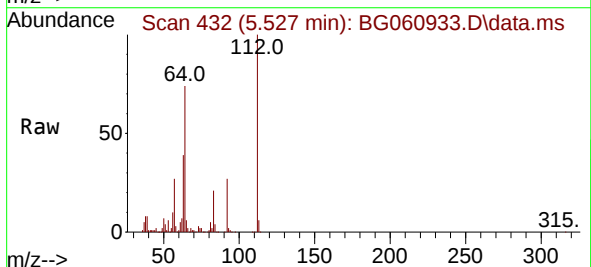
Instrument :
BNA_G
ClientSampleId :
PB160330BL

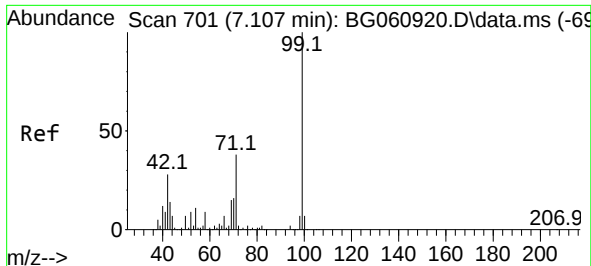
Tgt Ion:152 Resp: 44683
Ion Ratio Lower Upper
152 100
150 158.9 125.6 188.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 145.446 ng
RT: 5.527 min Scan# 432
Delta R.T. 0.000 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion:112 Resp: 374155
Ion Ratio Lower Upper
112 100
64 74.1 58.9 88.3
63 39.1 32.1 48.1

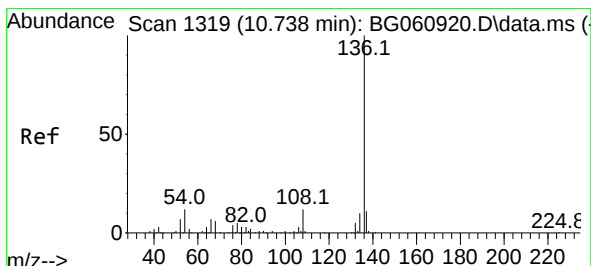
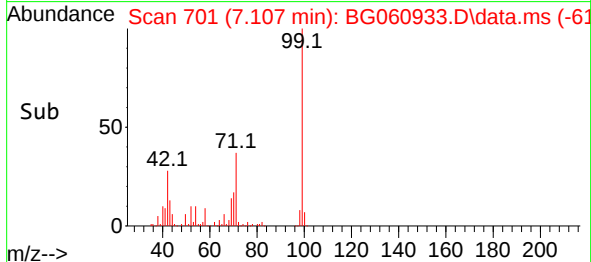
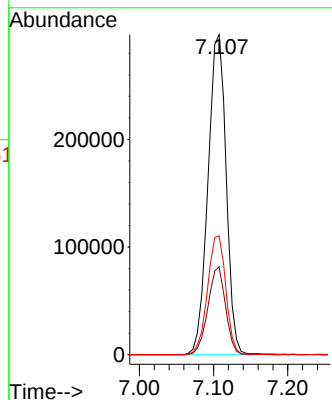
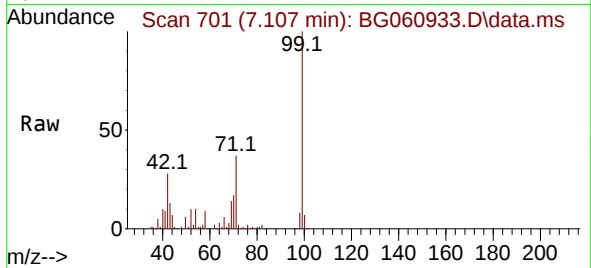




#7
Phenol-d6
Concen: 136.575 ng
RT: 7.107 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

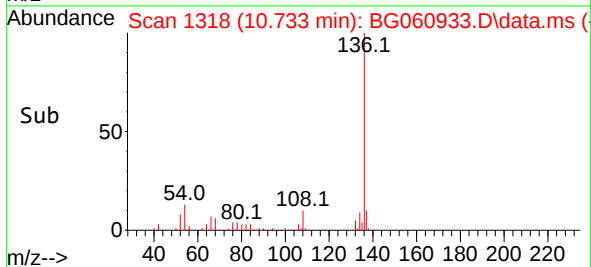
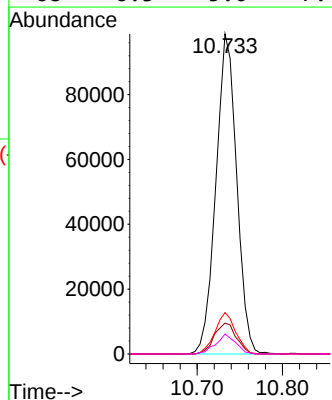
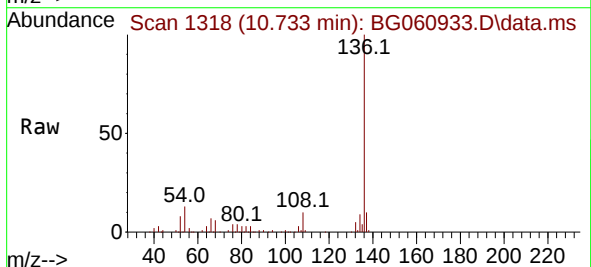
Instrument :
BNA_G
ClientSampleId :
PB160330BL

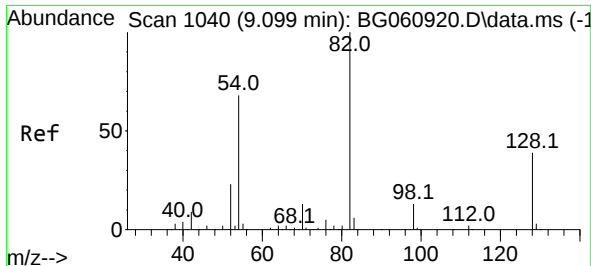
Tgt Ion: 99 Resp: 506124
Ion Ratio Lower Upper
99 100
42 27.5 22.2 33.2
71 37.2 30.5 45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion:136 Resp: 166871
Ion Ratio Lower Upper
136 100
137 9.6 8.8 13.2
54 12.9 9.8 14.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.238 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BG060933.D

Acq: 18 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160330BL

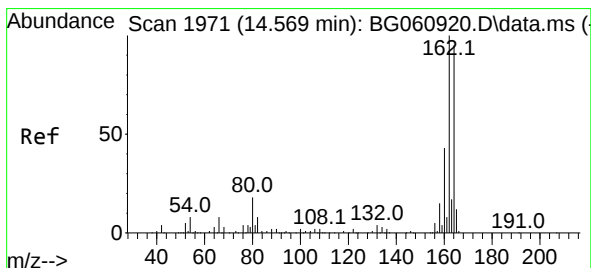
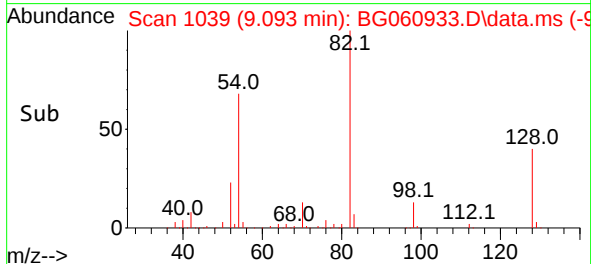
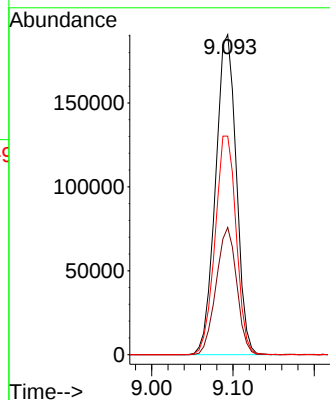
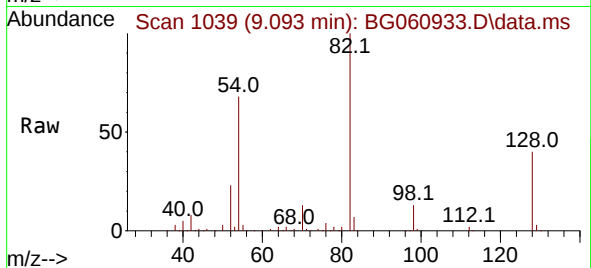
Tgt Ion: 82 Resp: 339043

Ion Ratio Lower Upper

82 100

128 39.8 31.4 47.0

54 68.3 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: BG060933.D

Acq: 18 Apr 2024 12:28

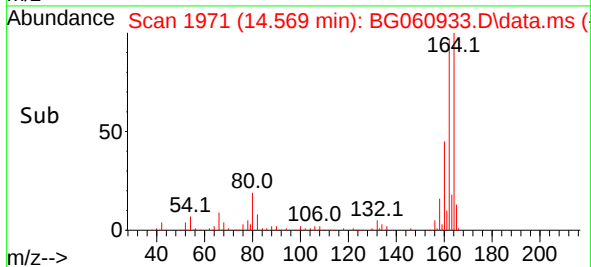
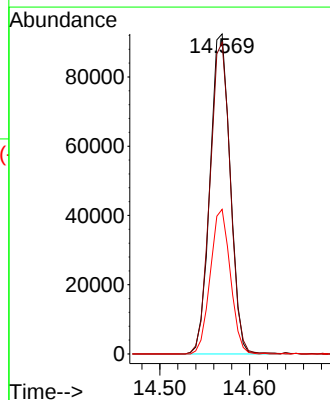
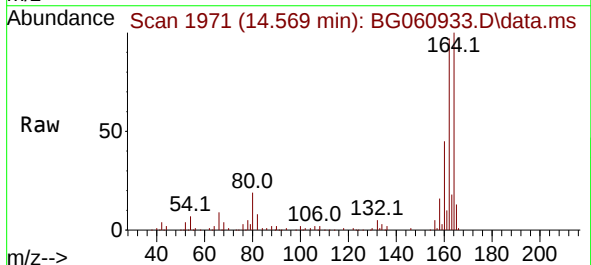
Tgt Ion:164 Resp: 144161

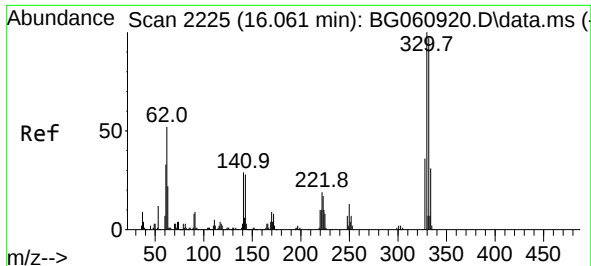
Ion Ratio Lower Upper

164 100

162 97.4 84.1 126.1

160 45.2 35.9 53.9

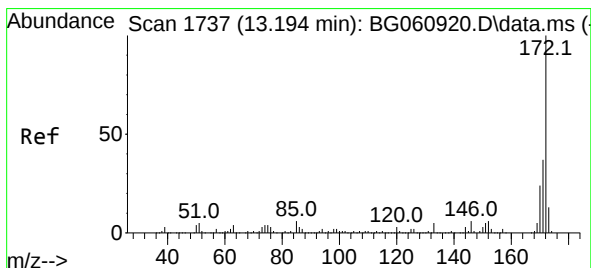
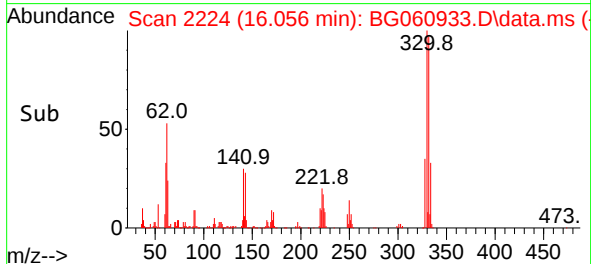
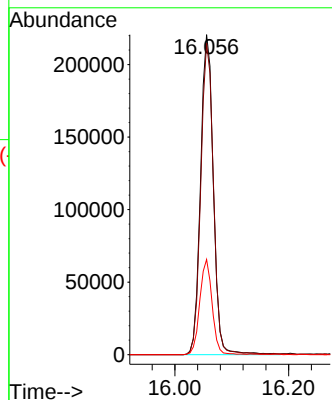
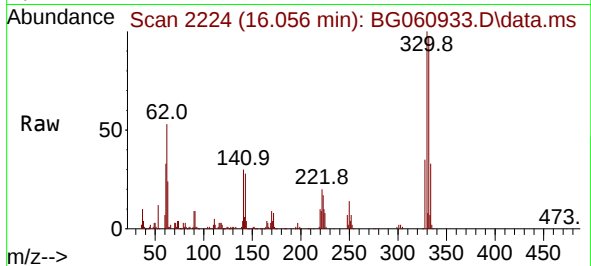




#42
2,4,6-Tribromophenol
Concen: 145.168 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

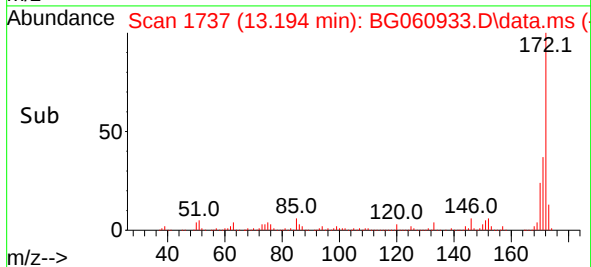
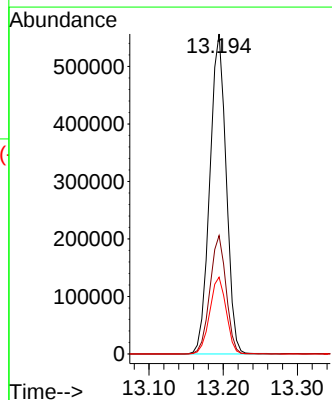
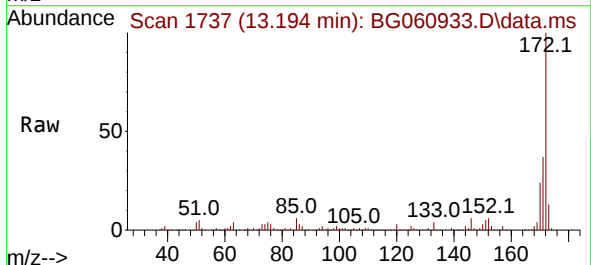
Instrument :
BNA_G
ClientSampleId :
PB160330BL

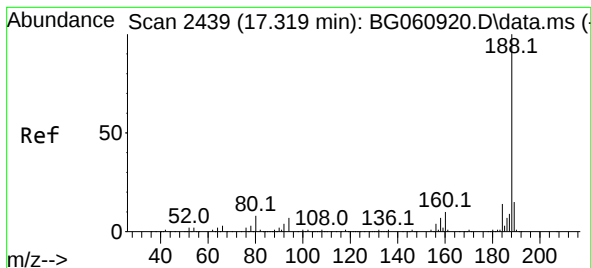
Tgt Ion:330 Resp: 345730
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 28.7 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 86.989 ng
RT: 13.194 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion:172 Resp: 854569
Ion Ratio Lower Upper
172 100
171 37.0 29.3 43.9
170 24.0 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG060933.D

Acq: 18 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160330BL

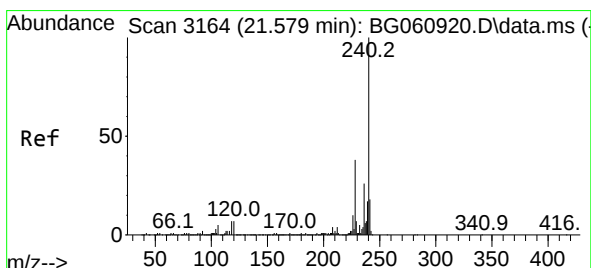
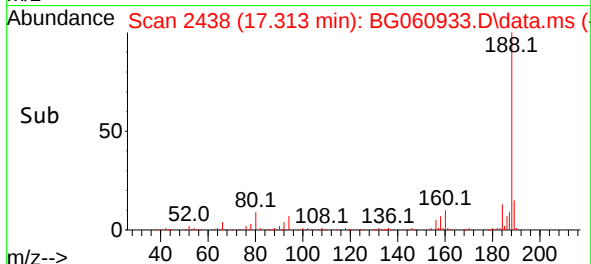
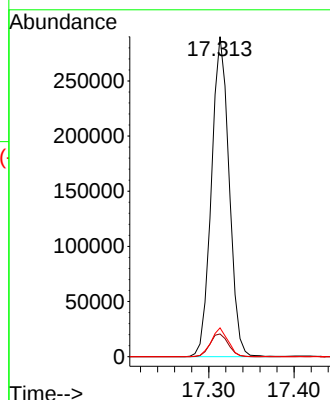
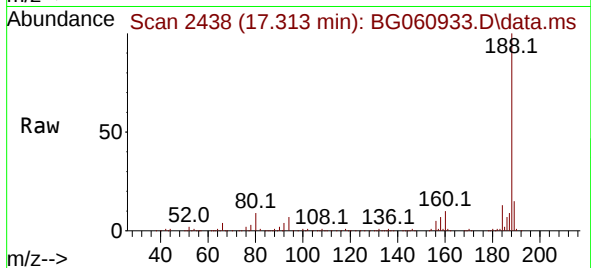
Tgt Ion:188 Resp: 418575

Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

80 9.0 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.573 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BG060933.D

Acq: 18 Apr 2024 12:28

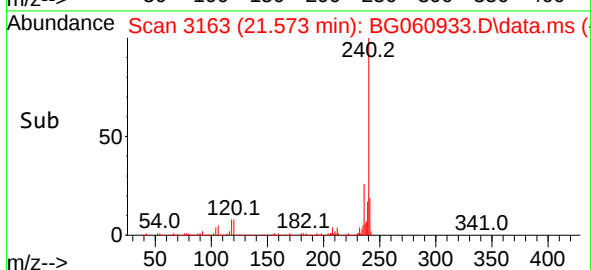
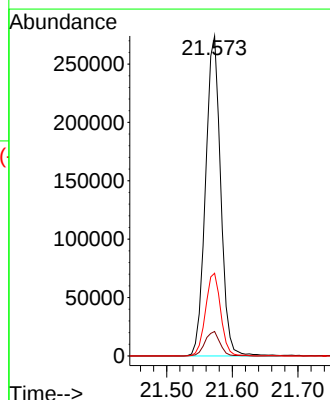
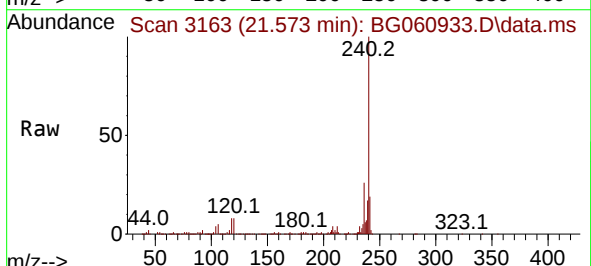
Tgt Ion:240 Resp: 439515

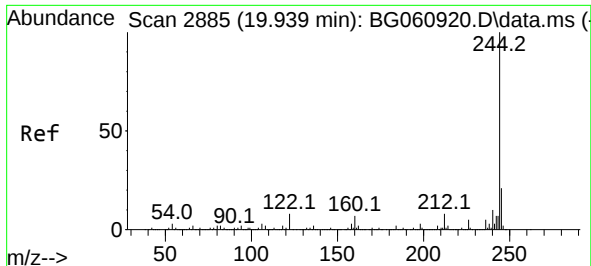
Ion Ratio Lower Upper

240 100

120 7.6 5.7 8.5

236 25.9 21.1 31.7

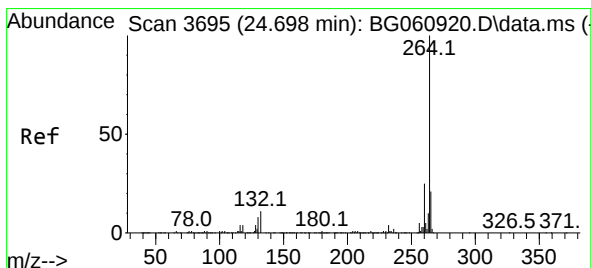
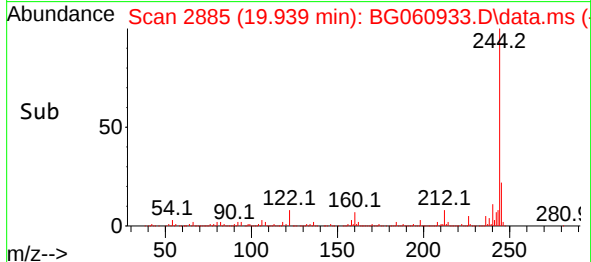
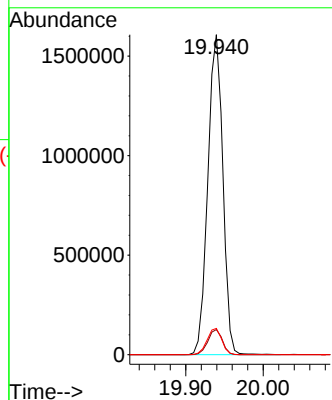
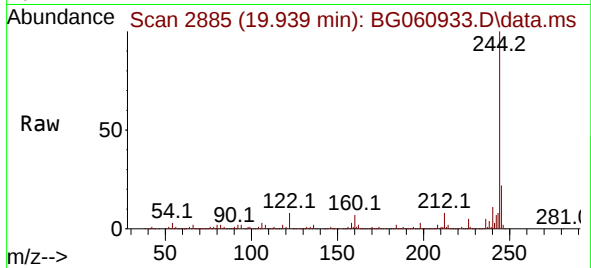




#79
Terphenyl-d14
Concen: 85.670 ng
RT: 19.939 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Instrument :
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ClientSampleId :
PB160330BL

Tgt Ion:244 Resp: 2157477
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 8.2 6.6 9.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.693 min Scan# 3694
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion:264 Resp: 498815
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 21.6 16.6 25.0

