

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060949.D
 Acq On : 19 Apr 2024 00:02
 Operator : MA/JU
 Sample : P2125-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-101-SB02

Quant Time: Apr 19 00:51:31 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	7.934	152	50598	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	191424	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	162060	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	427508	20.000	ng	0.00
76) Chrysene-d12	21.571	240	409569	20.000	ng	0.00
86) Perylene-d12	24.691	264	486976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	363567	124.809	ng	0.00
7) Phenol-d6	7.106	99	535948	127.716	ng	0.00
23) Nitrobenzene-d5	9.092	82	330199	78.309	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	365899	136.668	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	910659	82.461	ng	0.00
79) Terphenyl-d14	19.938	244	1901510	81.026	ng	0.00

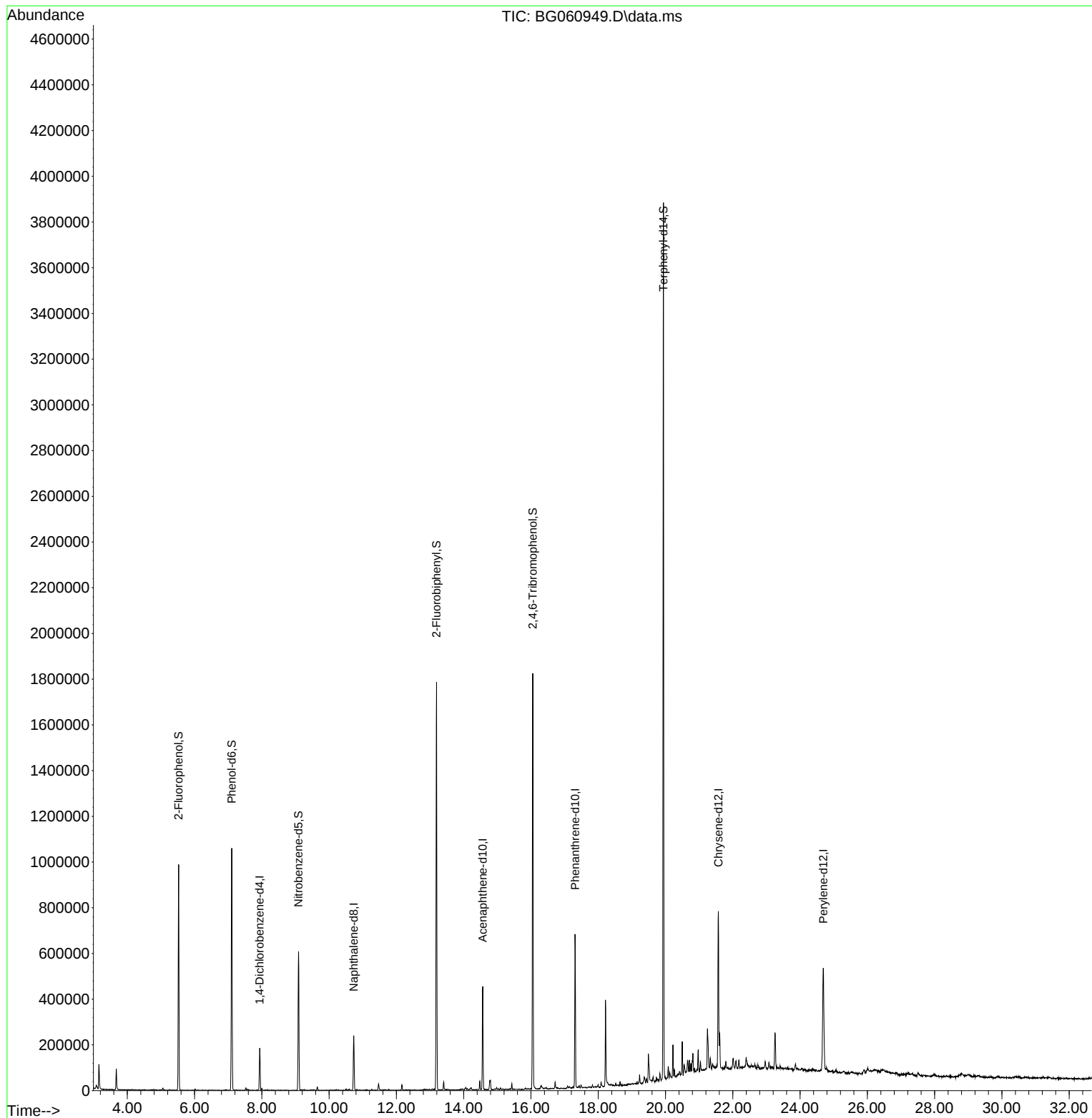
Target Compounds	Qvalue

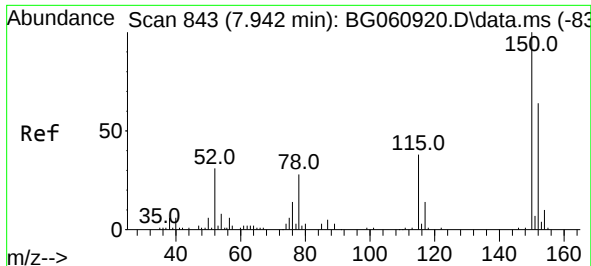
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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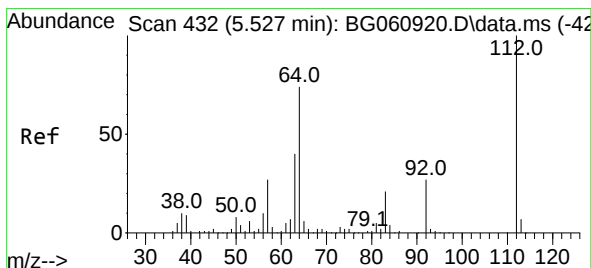
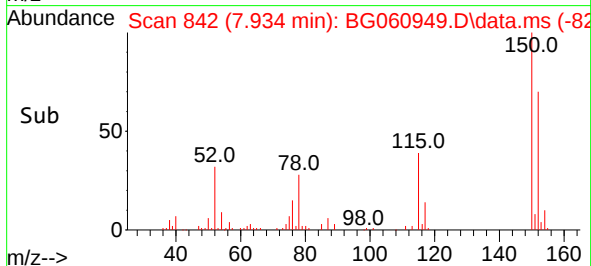
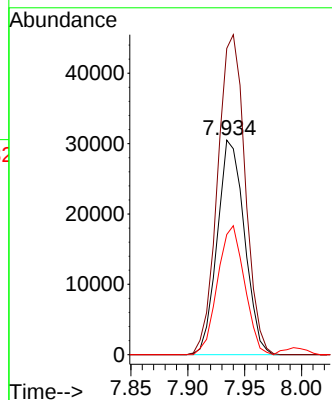
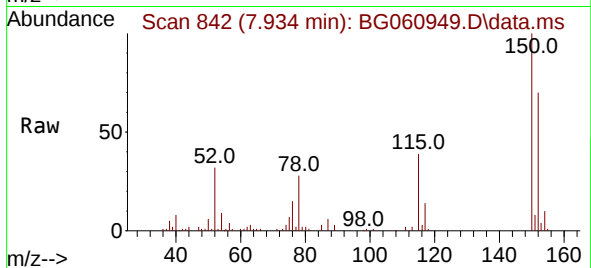




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 843
Delta R.T. -0.008 min
Lab File: BG060949.D
Acq: 19 Apr 2024 00:02

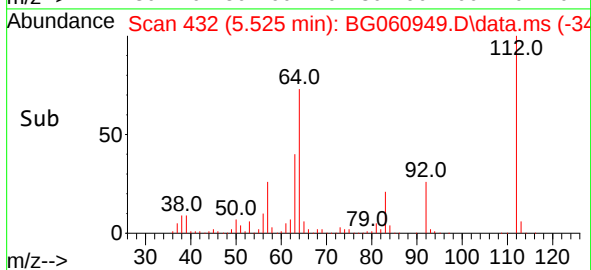
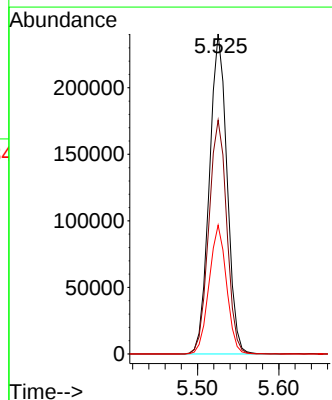
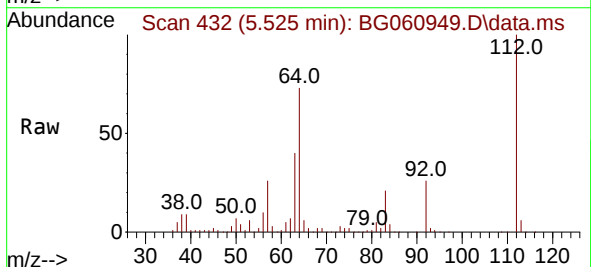
Instrument :
BNA_G
ClientSampleId :
B-101-SB02

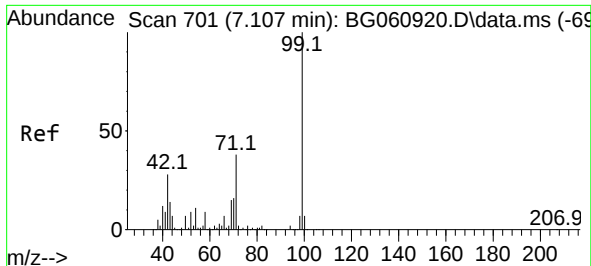
Tgt Ion:152 Resp: 50598
Ion Ratio Lower Upper
152 100
150 142.7 125.6 188.4
115 56.0 47.1 70.7



#5
2-Fluorophenol
Concen: 124.809 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.002 min
Lab File: BG060949.D
Acq: 19 Apr 2024 00:02

Tgt Ion:112 Resp: 363567
Ion Ratio Lower Upper
112 100
64 73.0 58.9 88.3
63 40.3 32.1 48.1

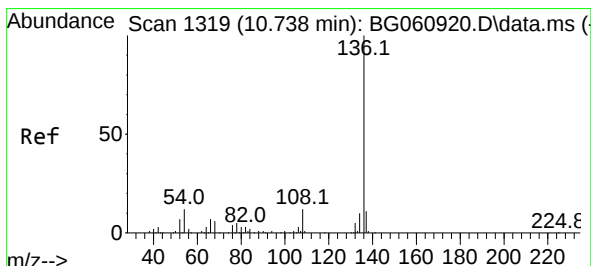
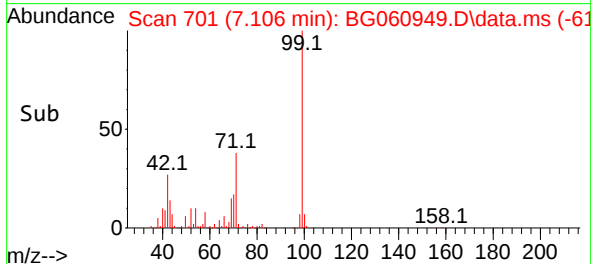
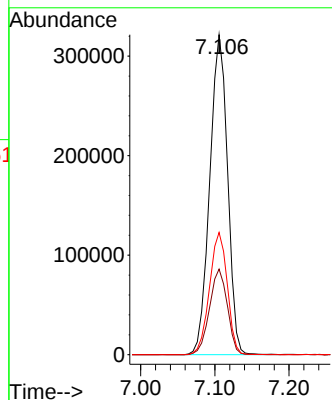
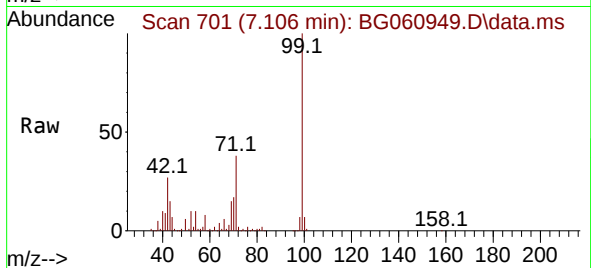




#7
Phenol-d6
Concen: 127.716 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG060949.D
Acq: 19 Apr 2024 00:02

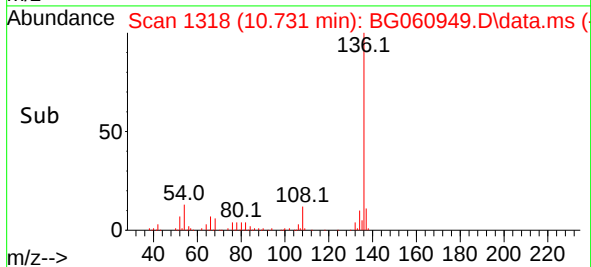
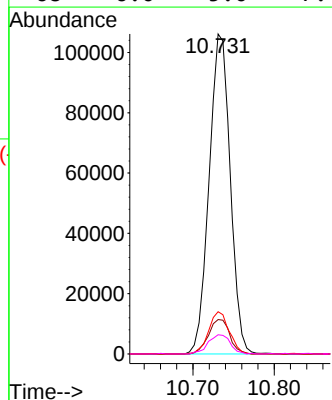
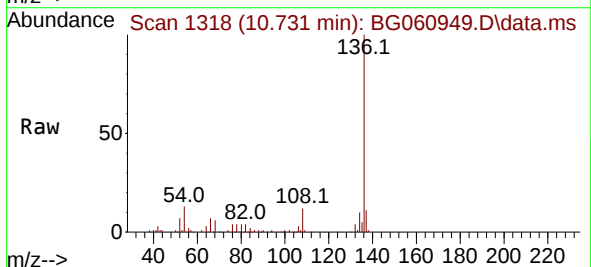
Instrument :
BNA_G
ClientSampleId :
B-101-SB02

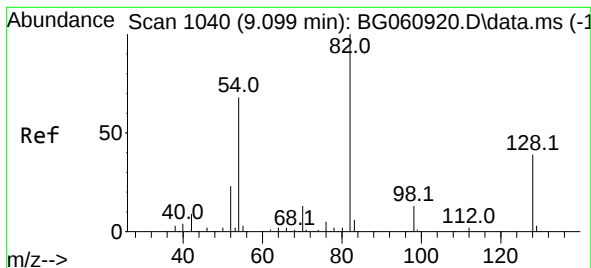
Tgt Ion: 99 Resp: 535948
Ion Ratio Lower Upper
99 100
42 26.8 22.2 33.2
71 38.2 30.5 45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1318
Delta R.T. -0.007 min
Lab File: BG060949.D
Acq: 19 Apr 2024 00:02

Tgt Ion:136 Resp: 191424
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 13.2 9.8 14.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 78.309 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.007 min

Lab File: BG060949.D

Acq: 19 Apr 2024 00:02

Instrument :

BNA_G

ClientSampleId :

B-101-SB02

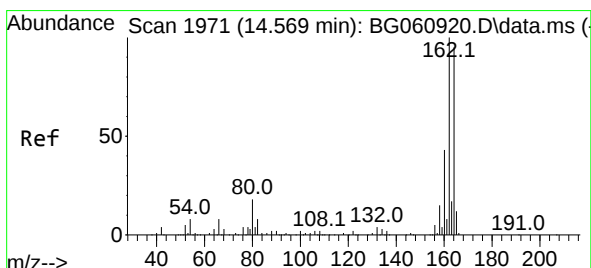
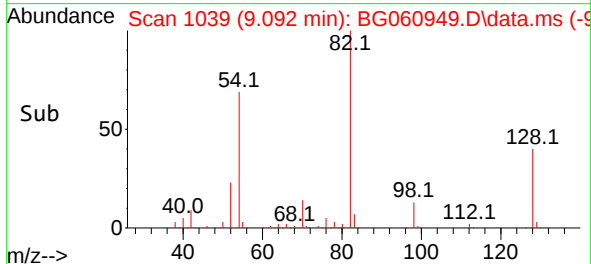
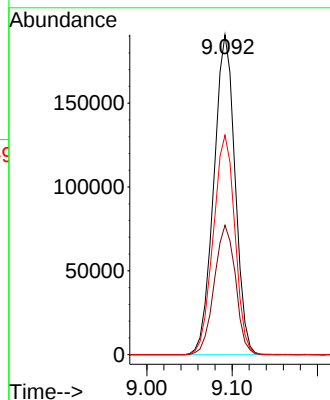
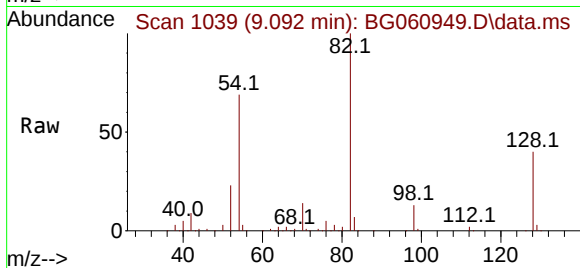
Tgt Ion: 82 Resp: 330199

Ion Ratio Lower Upper

82 100

128 40.4 31.4 47.0

54 68.6 54.2 81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.002 min

Lab File: BG060949.D

Acq: 19 Apr 2024 00:02

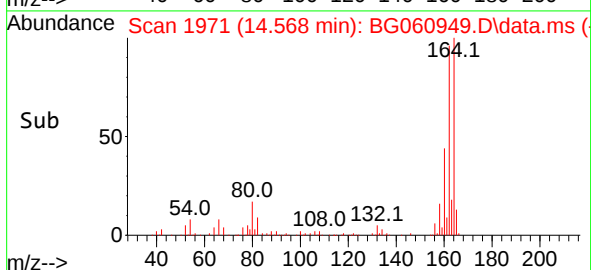
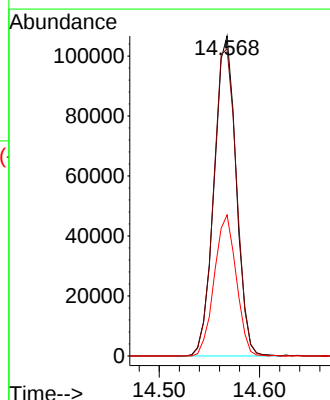
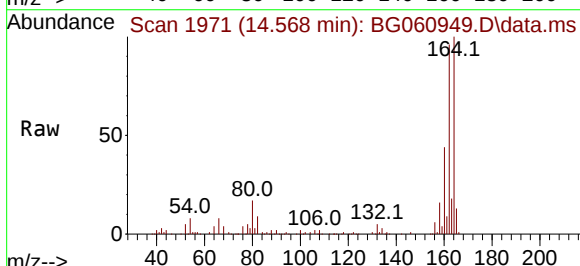
Tgt Ion:164 Resp: 162060

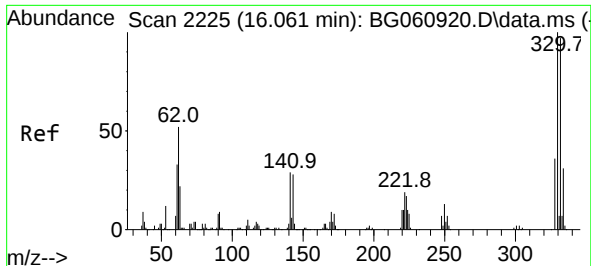
Ion Ratio Lower Upper

164 100

162 96.0 84.1 126.1

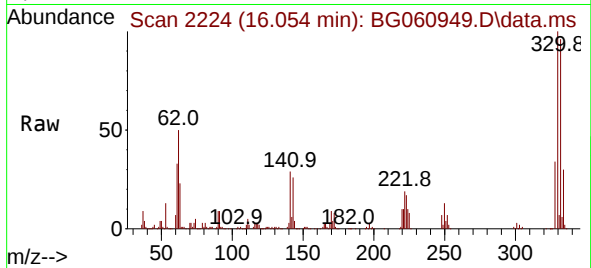
160 44.0 35.9 53.9



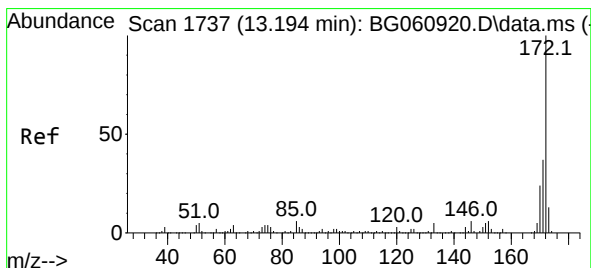
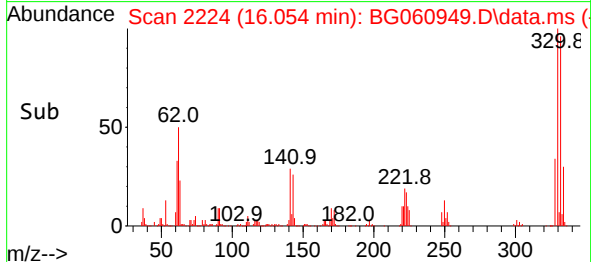
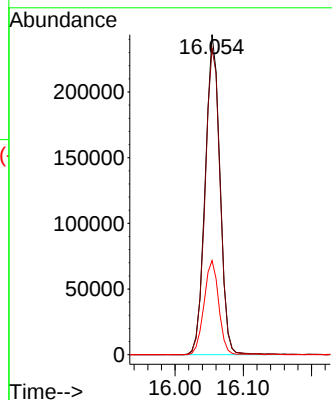


#42
2,4,6-Tribromophenol
Concen: 136.668 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060949.D
Acq: 19 Apr 2024 00:02

Instrument :
BNA_G
ClientSampleId :
B-101-SB02

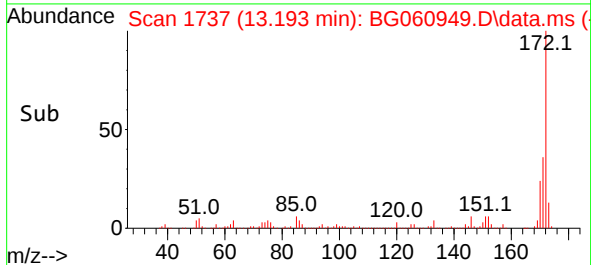
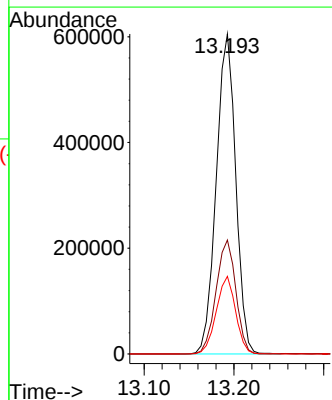
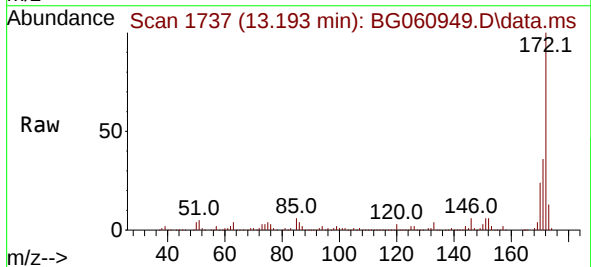


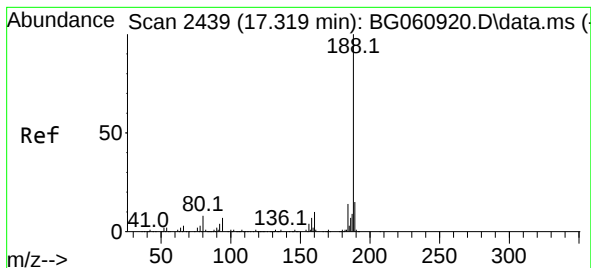
Tgt Ion:330 Resp: 365899
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 29.4 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 82.461 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060949.D
Acq: 19 Apr 2024 00:02

Tgt Ion:172 Resp: 910659
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.2 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.311 min Scan# 2439

Delta R.T. -0.007 min

Lab File: BG060949.D

Acq: 19 Apr 2024 00:02

Instrument :

BNA_G

ClientSampleId :

B-101-SB02

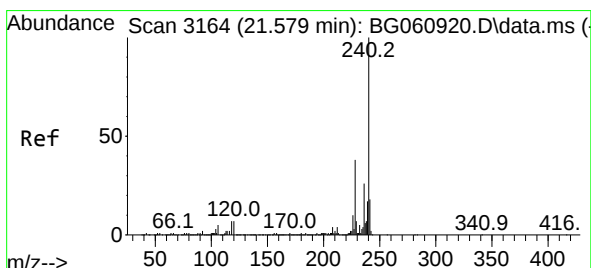
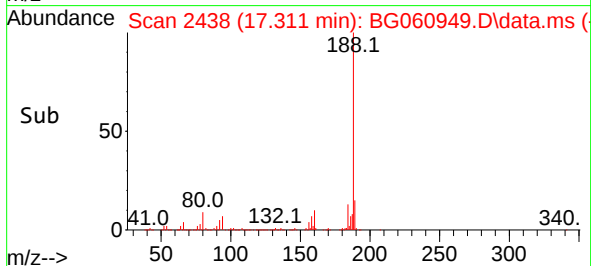
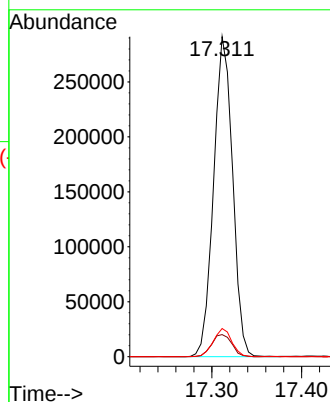
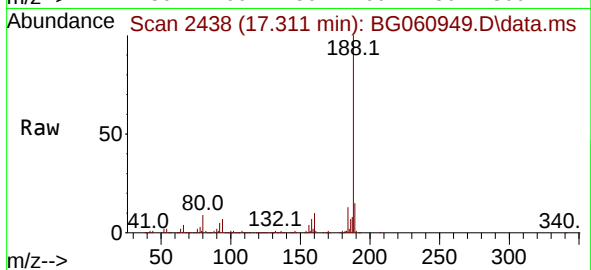
Tgt Ion:188 Resp: 427508

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 8.8 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3163

Delta R.T. -0.007 min

Lab File: BG060949.D

Acq: 19 Apr 2024 00:02

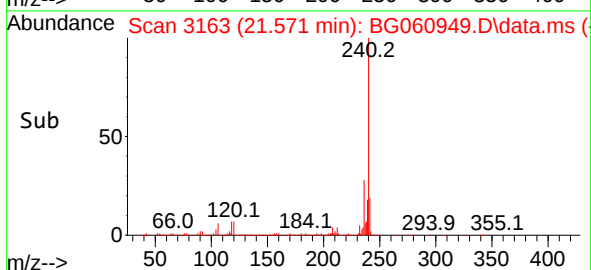
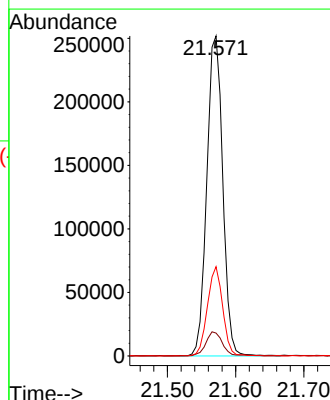
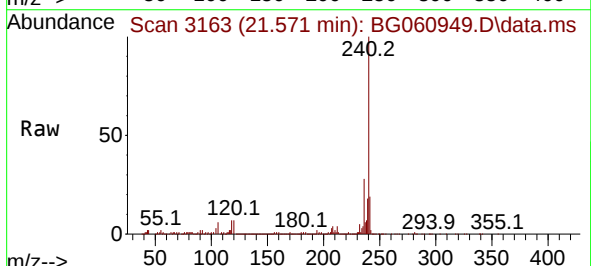
Tgt Ion:240 Resp: 409569

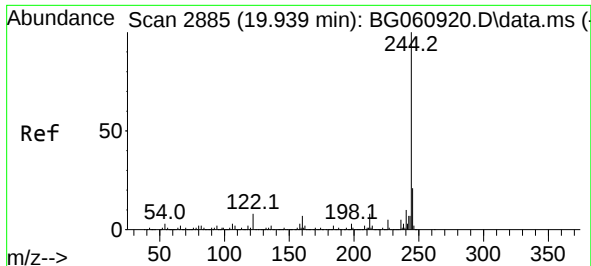
Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

236 27.9 21.1 31.7

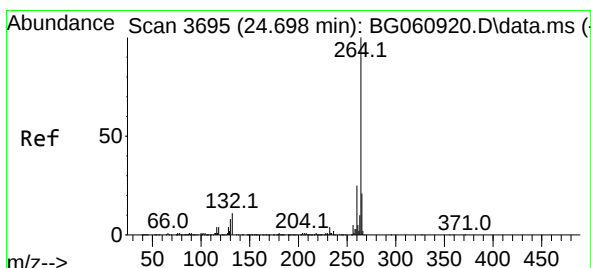
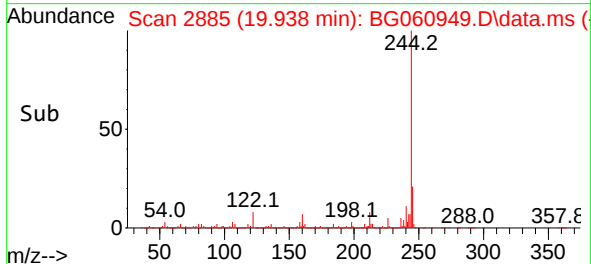
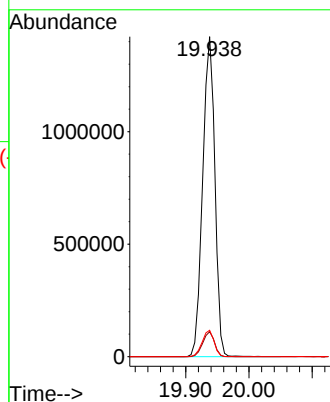
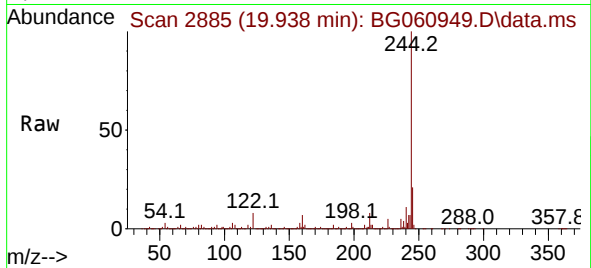




#79
 Terphenyl-d14
 Concen: 81.026 ng
 RT: 19.938 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060949.D
 Acq: 19 Apr 2024 00:02

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1901510
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 8.3 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.691 min Scan# 3694
 Delta R.T. -0.007 min
 Lab File: BG060949.D
 Acq: 19 Apr 2024 00:02

Tgt Ion:264 Resp: 486976
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.0 16.6 25.0

