

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
 Data File : BG060901.D
 Acq On : 15 Apr 2024 14:28
 Operator : MA/JU
 Sample : PB160246BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160246BL

Quant Time: Apr 15 15:22:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	52519	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	215405	20.000	ng	-0.01
39) Acenaphthene-d10	14.580	164	168337	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	438856	20.000	ng	-0.01
76) Chrysene-d12	21.589	240	441864	20.000	ng	-0.01
86) Perylene-d12	24.721	264	497987	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	412421	130.819	ng	0.00
7) Phenol-d6	7.112	99	531131	113.497	ng	0.00
23) Nitrobenzene-d5	9.098	82	346467	91.780	ng	-0.01
42) 2,4,6-Tribromophenol	16.067	330	305757	160.007	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	857816	74.788	ng	-0.01
79) Terphenyl-d14	19.950	244	1856660	73.988	ng	-0.01

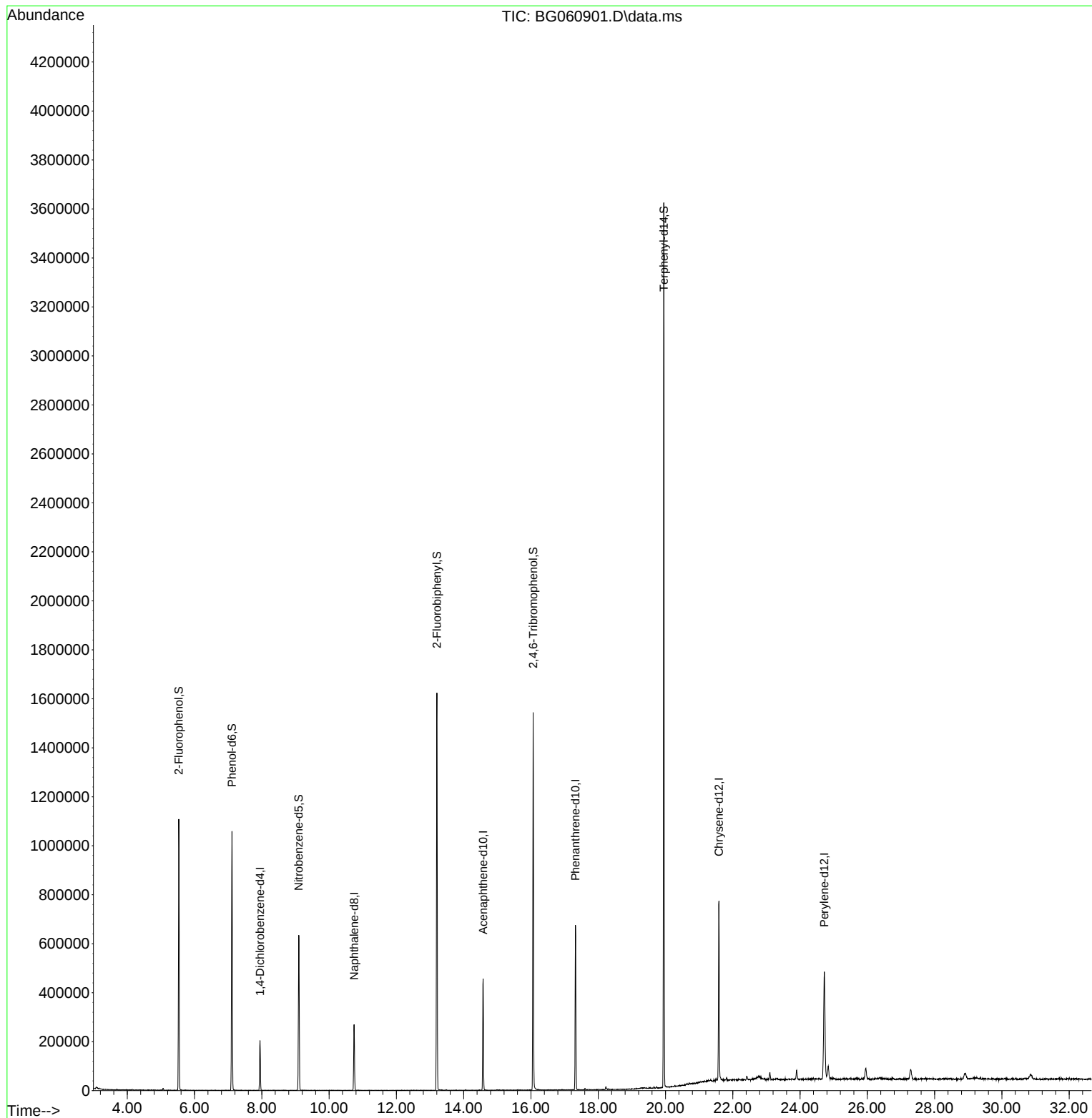
Target Compounds	Qvalue

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

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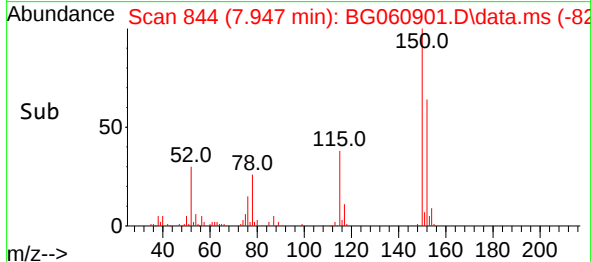
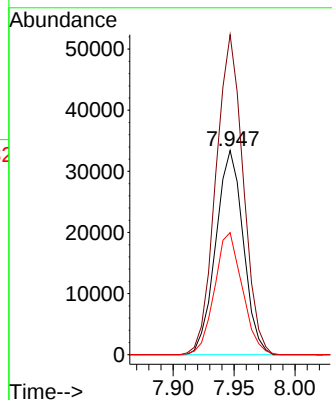
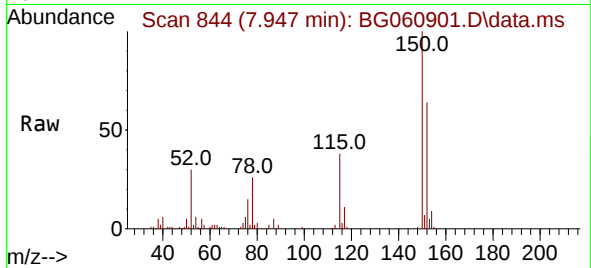




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 846
Delta R.T. -0.014 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28

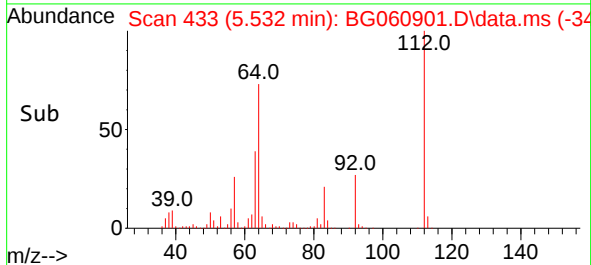
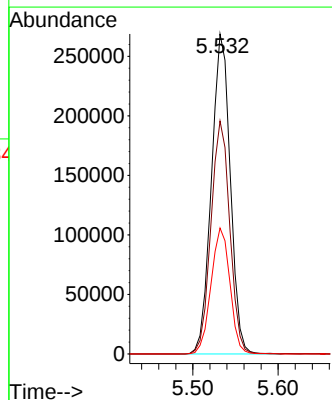
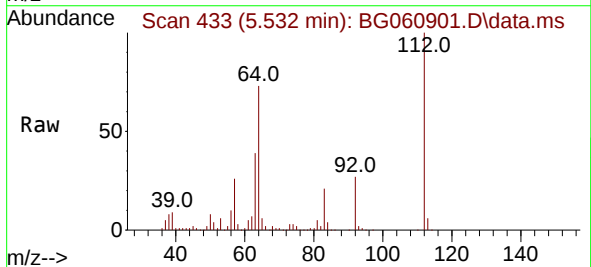
Instrument :
BNA_G
ClientSampleId :
PB160246BL

Tgt Ion:152 Resp: 52519
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.4
115 59.8 51.6 77.4



#5
2-Fluorophenol
Concen: 130.819 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.003 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28

Tgt Ion:112 Resp: 412421
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 39.3 32.7 49.1

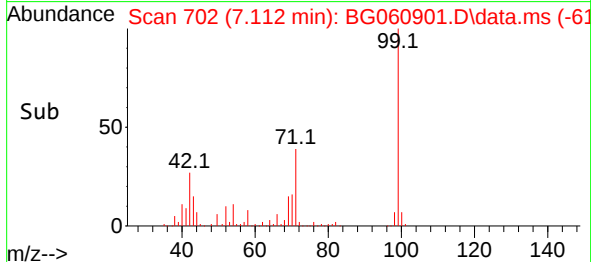
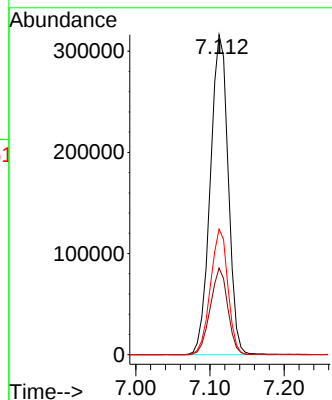
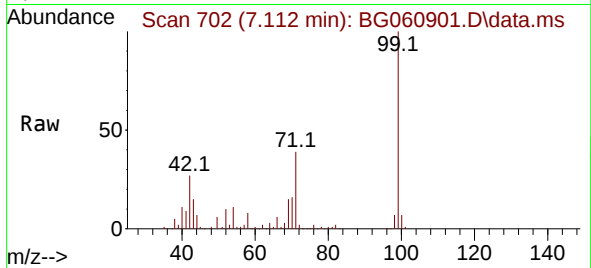




#7
Phenol-d6
Concen: 113.497 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28

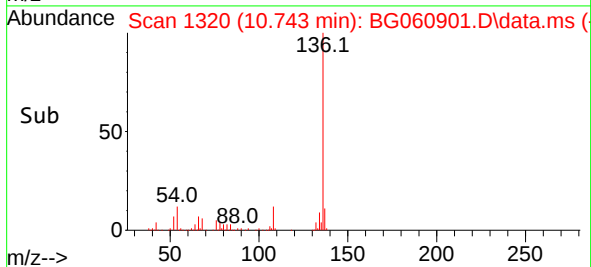
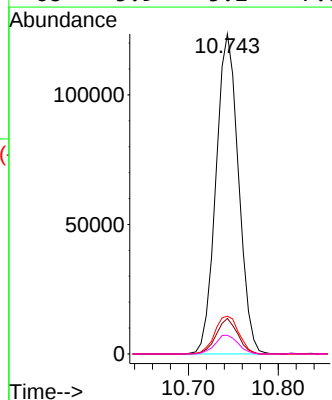
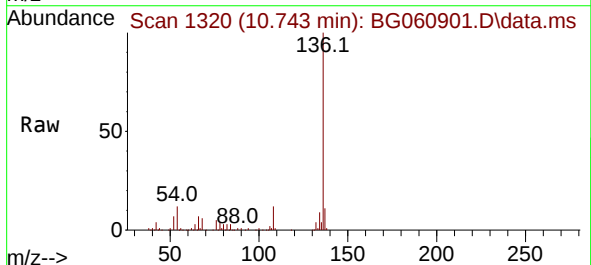
Instrument :
BNA_G
ClientSampleId :
PB160246BL

Tgt Ion: 99 Resp: 531131
Ion Ratio Lower Upper
99 100
42 27.0 19.4 29.2
71 39.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1320
Delta R.T. -0.015 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28

Tgt Ion:136 Resp: 215405
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.8 10.2 15.2
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 91.780 ng

RT: 9.098 min Scan# 1040

Delta R.T. -0.015 min

Lab File: BG060901.D

Acq: 15 Apr 2024 14:28

Instrument :

BNA_G

ClientSampleId :

PB160246BL

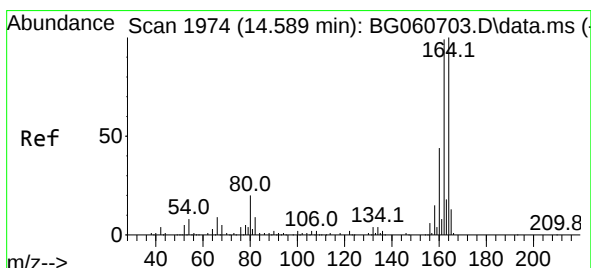
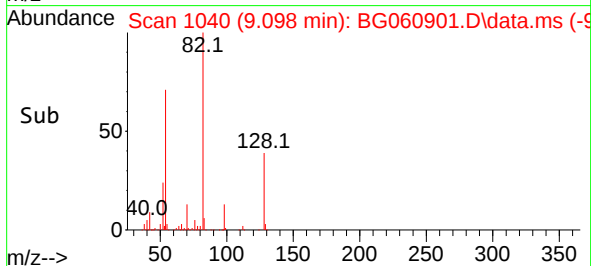
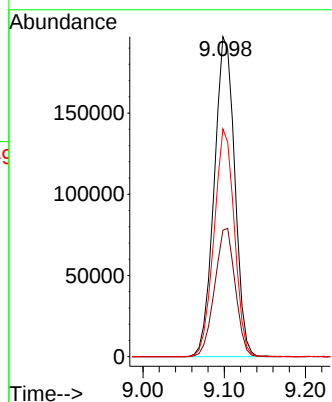
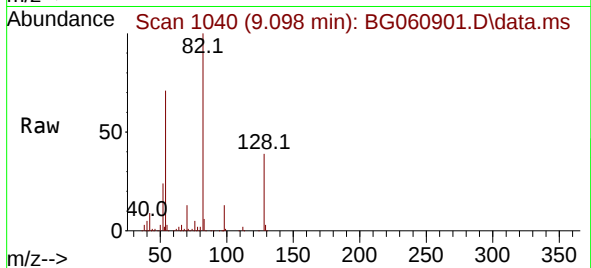
Tgt Ion: 82 Resp: 346467

Ion Ratio Lower Upper

82 100

128 39.5 31.2 46.8

54 71.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG060901.D

Acq: 15 Apr 2024 14:28

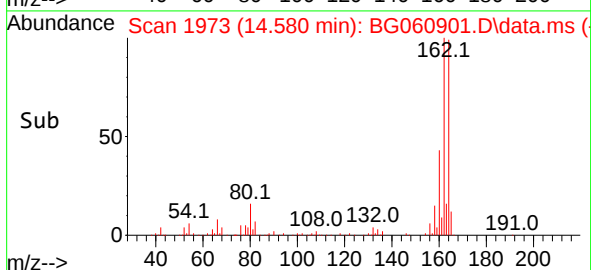
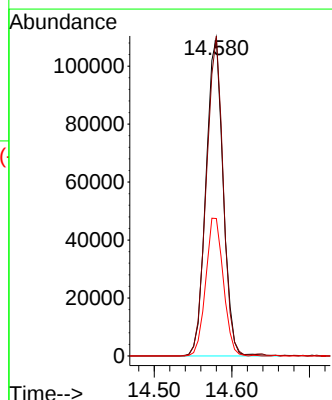
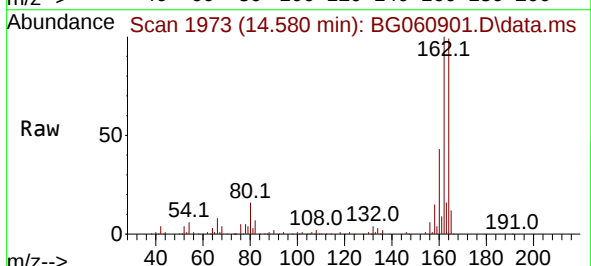
Tgt Ion:164 Resp: 168337

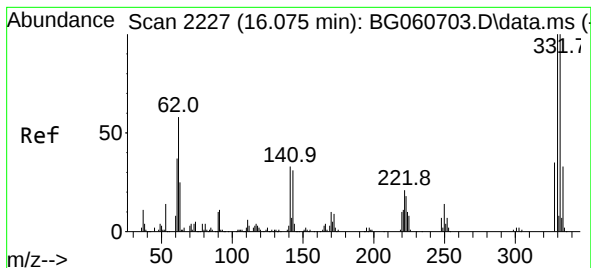
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

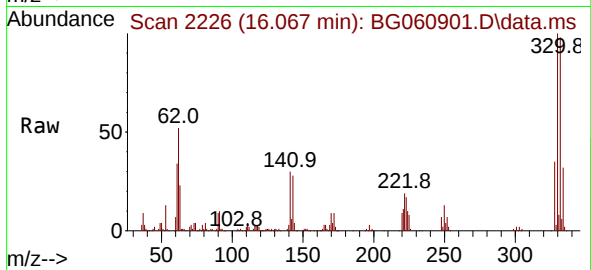
160 43.2 35.4 53.0



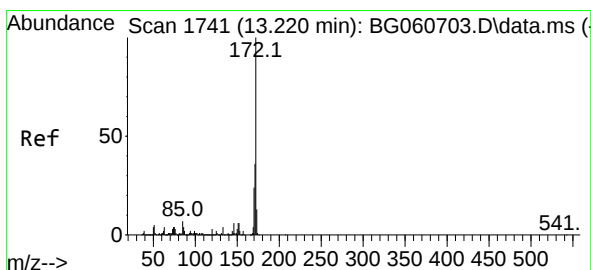
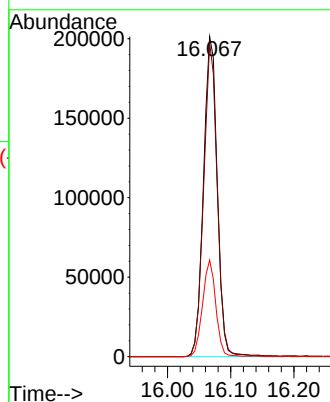
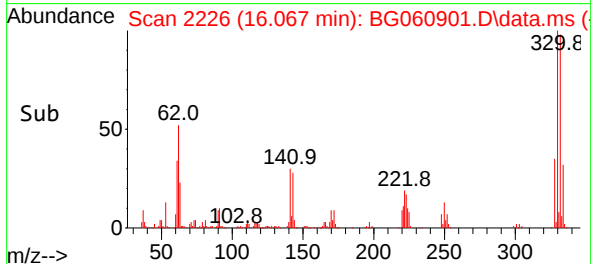


#42
2,4,6-Tribromophenol
Concen: 160.007 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28

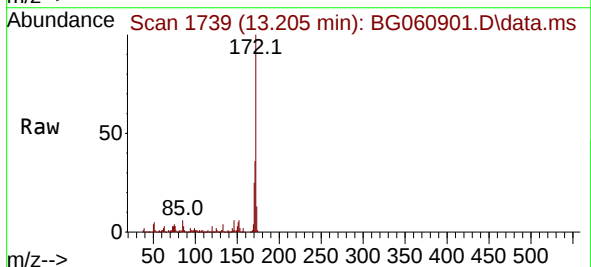
Instrument :
BNA_G
ClientSampleId :
PB160246BL



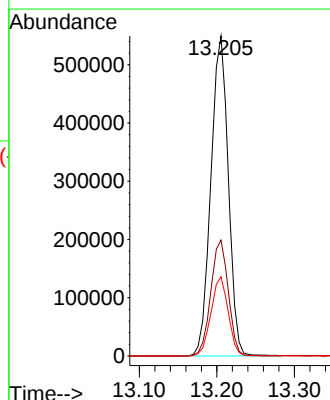
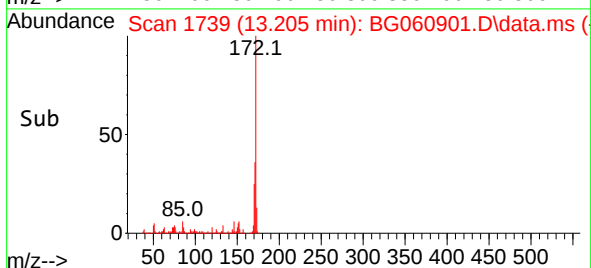
Tgt Ion:330 Resp: 305757
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 28.7 27.0 40.6

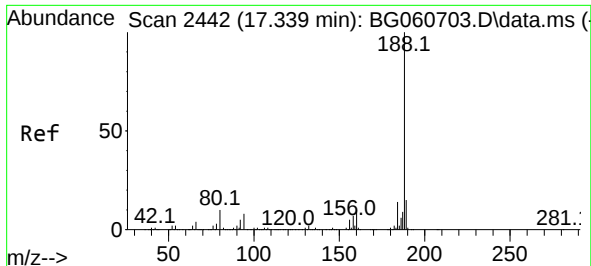


#45
2-Fluorobiphenyl
Concen: 74.788 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28



Tgt Ion:172 Resp: 857816
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.8 19.4 29.0

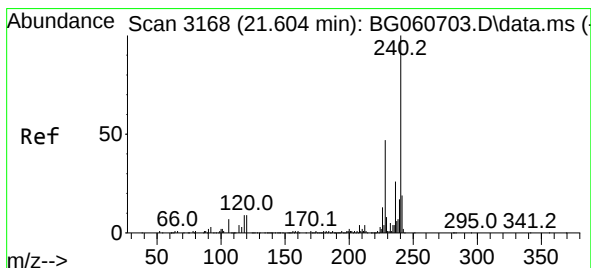
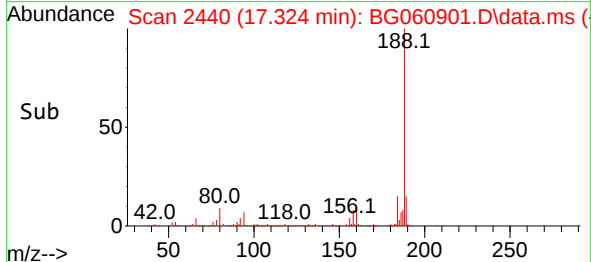
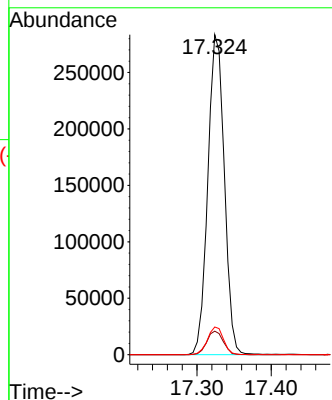
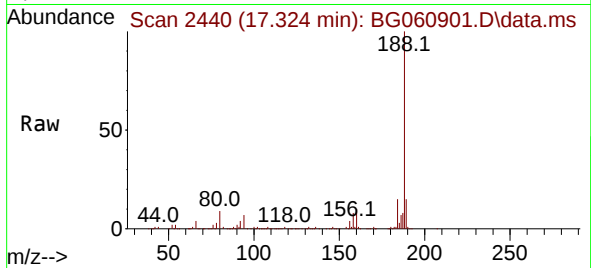




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2442
Delta R.T. -0.015 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28

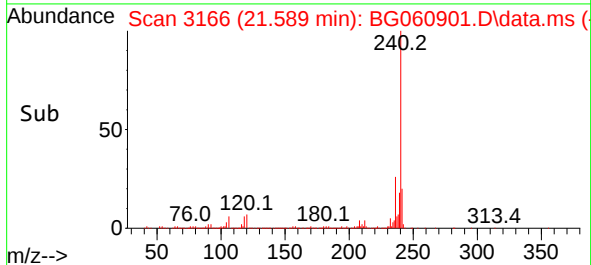
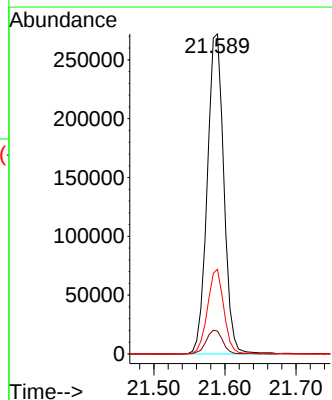
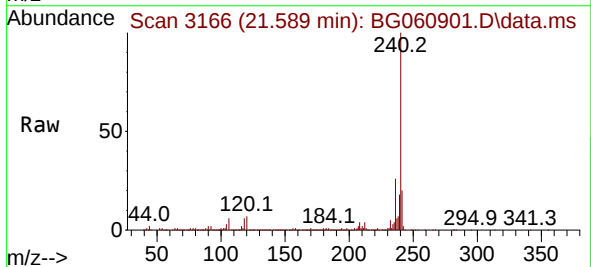
Instrument :
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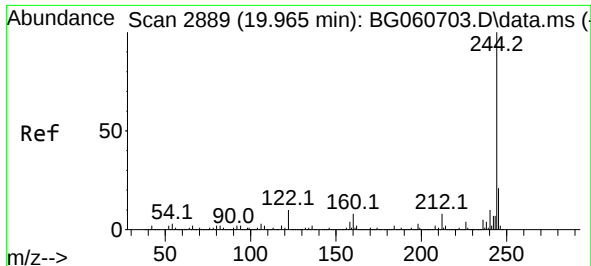
Tgt Ion:188 Resp: 438856
Ion Ratio Lower Upper
188 100
94 7.4 6.6 9.8
80 8.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060901.D
Acq: 15 Apr 2024 14:28

Tgt Ion:240 Resp: 441864
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 26.5 20.7 31.1

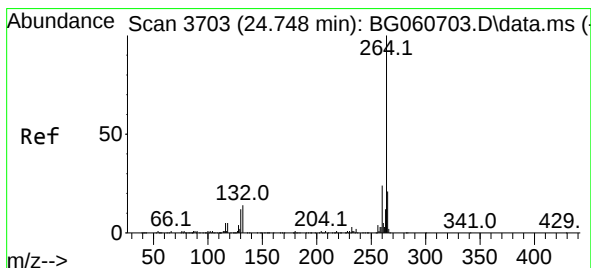
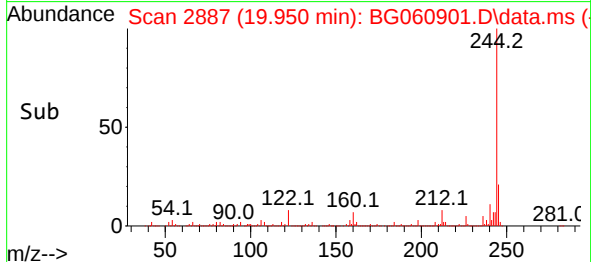
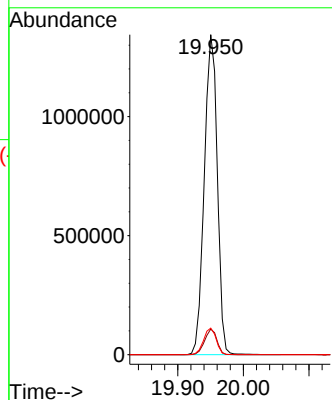
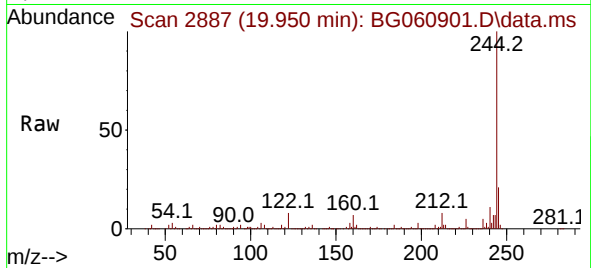




#79
 Terphenyl-d14
 Concen: 73.988 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060901.D
 Acq: 15 Apr 2024 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB160246BL

Tgt Ion:244 Resp: 1856660
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 3699
 Delta R.T. -0.027 min
 Lab File: BG060901.D
 Acq: 15 Apr 2024 14:28

Tgt Ion:264 Resp: 497987
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 21.8 16.9 25.3

