

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
Data File : BG060903.D
Acq On : 15 Apr 2024 16:25
Operator : MA/JU
Sample : P2114-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-041224

Quant Time: Apr 15 17:43:40 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	59514	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	246526	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	178060	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	420693	20.000	ng	-0.01
76) Chrysene-d12	21.584	240	401340	20.000	ng	-0.02
86) Perylene-d12	24.721	264	468617	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	450584	126.125	ng	0.00
7) Phenol-d6	7.118	99	579807	109.336	ng	0.00
23) Nitrobenzene-d5	9.098	82	389156	90.075	ng	-0.01
42) 2,4,6-Tribromophenol	16.067	330	314673	155.681	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	813865	67.081	ng	-0.02
79) Terphenyl-d14	19.944	244	1432930	62.868	ng	-0.02

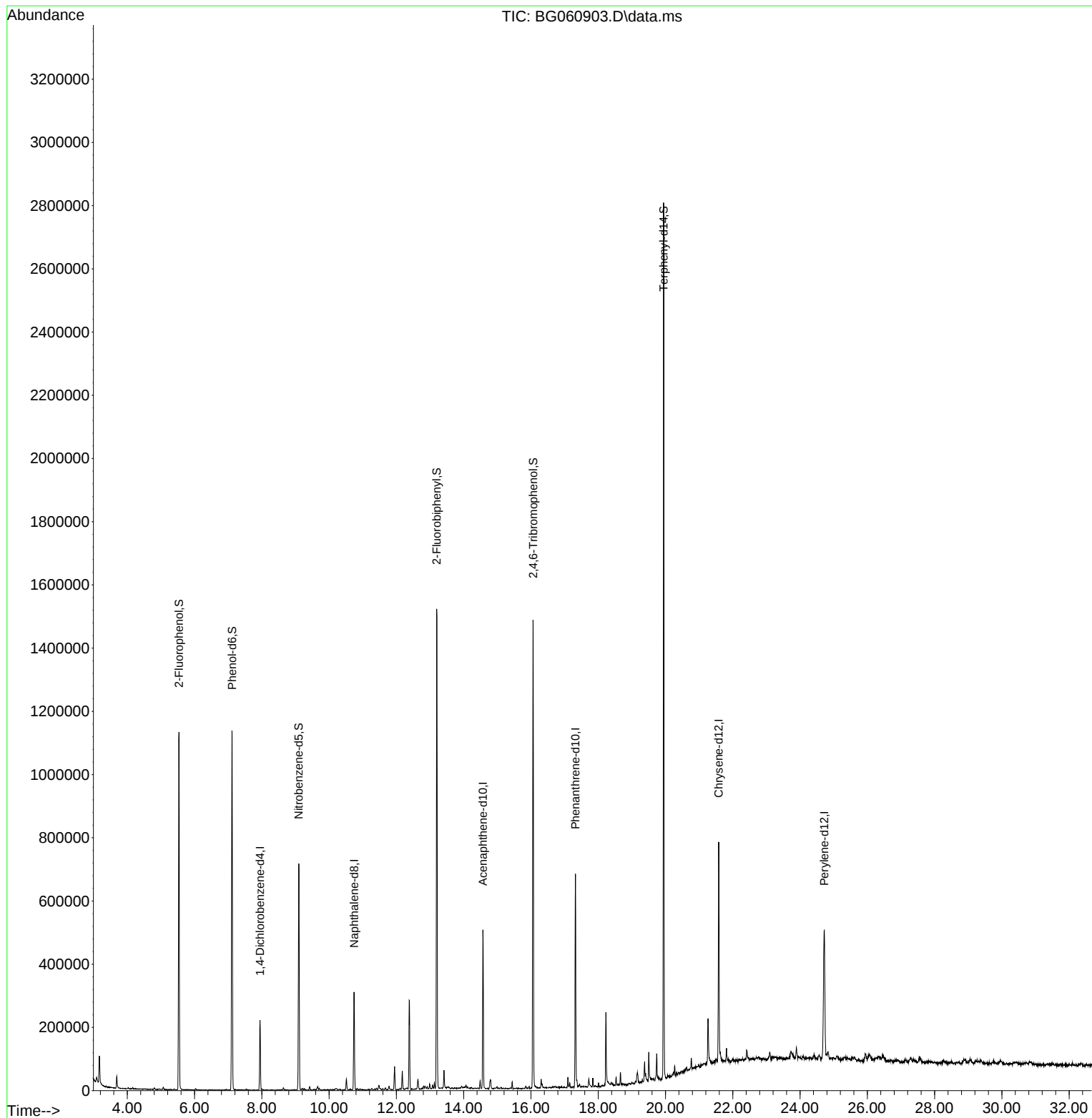
Target Compounds	Qvalue

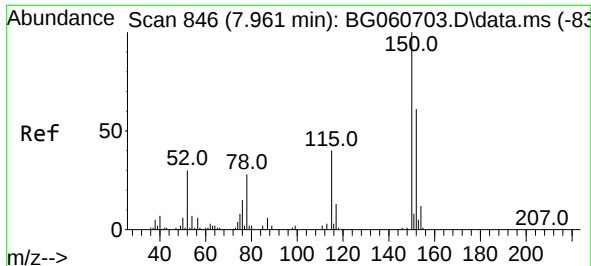
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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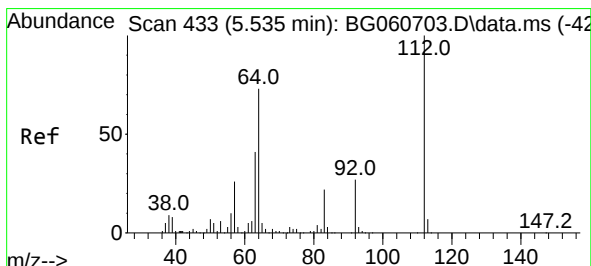
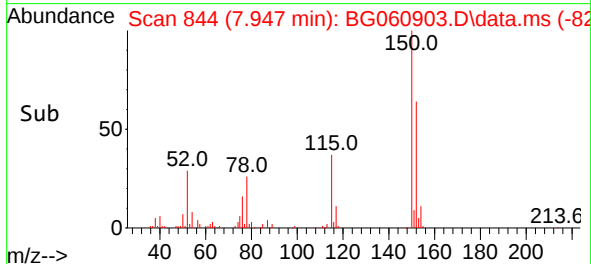
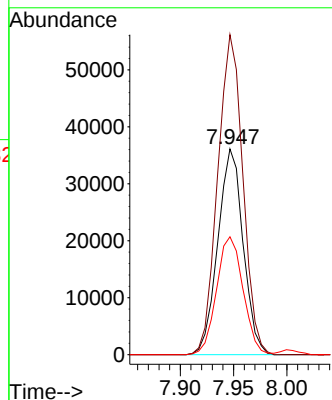
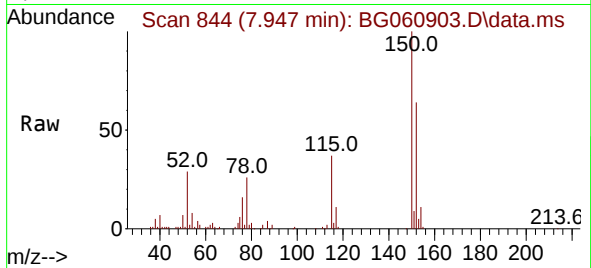




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 846
Delta R.T. -0.014 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

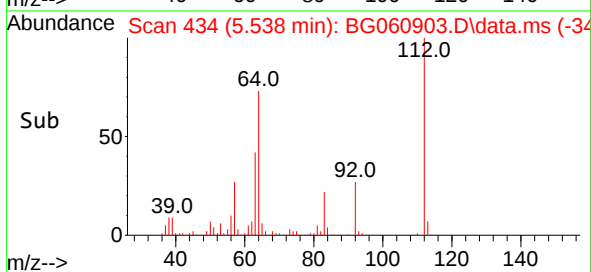
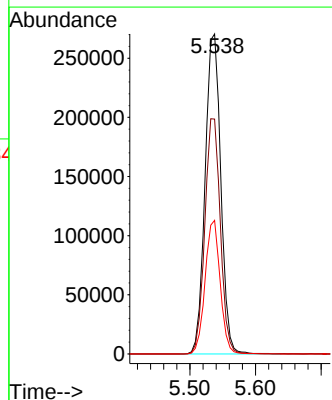
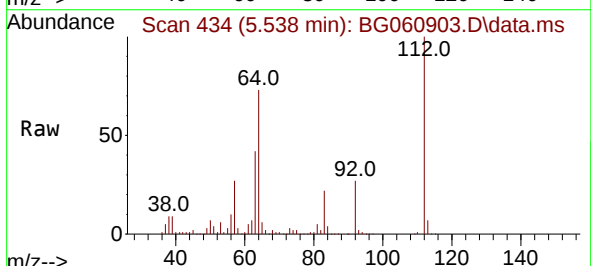
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

Tgt Ion:152 Resp: 59514
Ion Ratio Lower Upper
152 100
150 155.5 130.2 195.4
115 57.3 51.6 77.4



#5
2-Fluorophenol
Concen: 126.125 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion:112 Resp: 450584
Ion Ratio Lower Upper
112 100
64 73.4 58.4 87.6
63 41.7 32.7 49.1

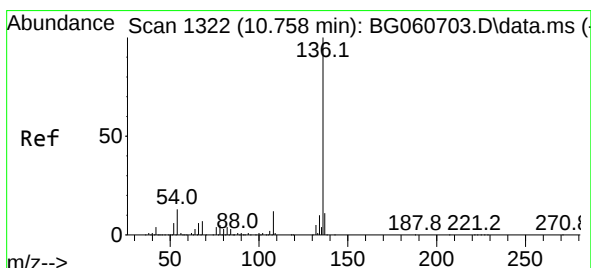
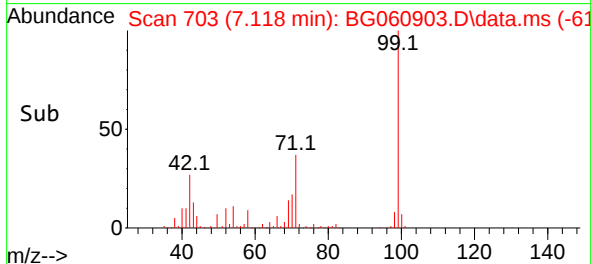
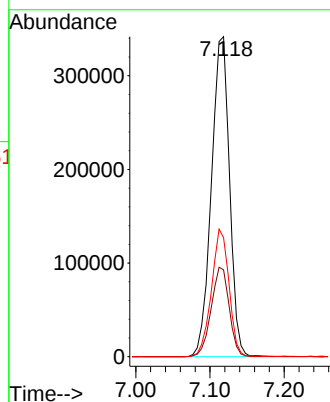
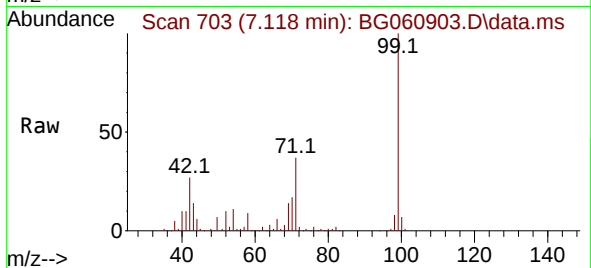




#7
Phenol-d6
Concen: 109.336 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

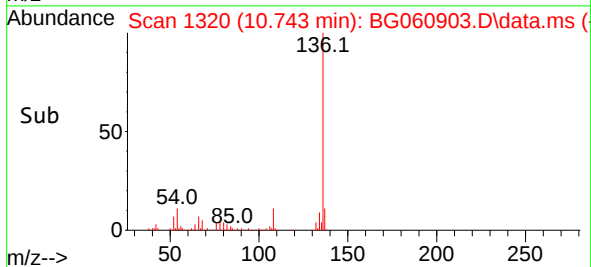
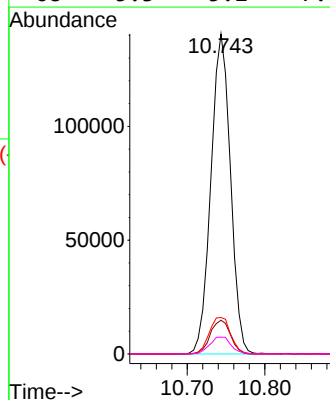
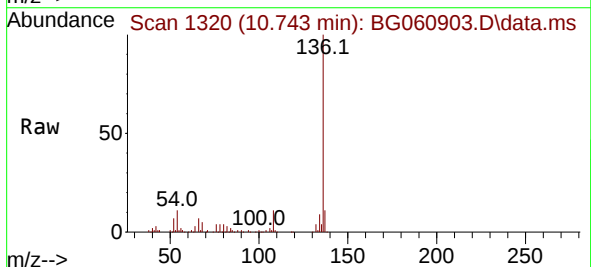
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

Tgt Ion: 99 Resp: 579807
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 37.2 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: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion: 136 Resp: 246526
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 11.4 10.2 15.2
68 5.3 5.2 7.8

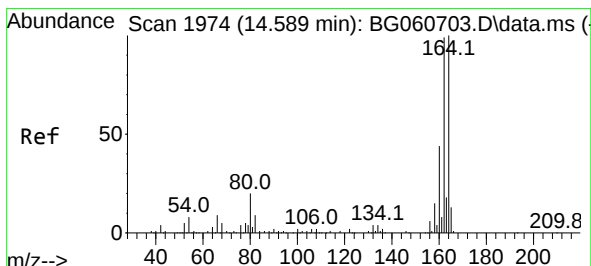
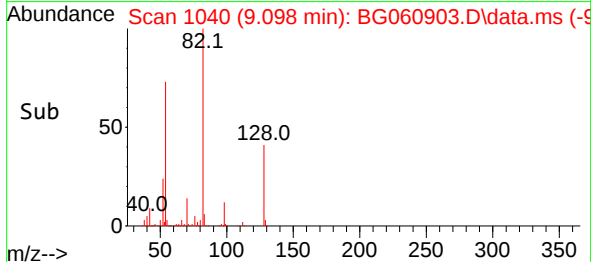
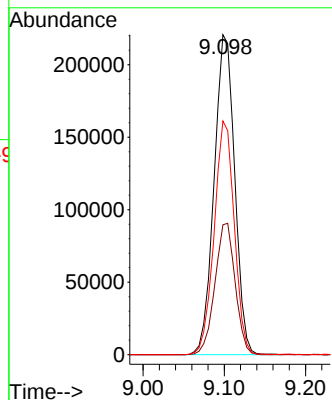
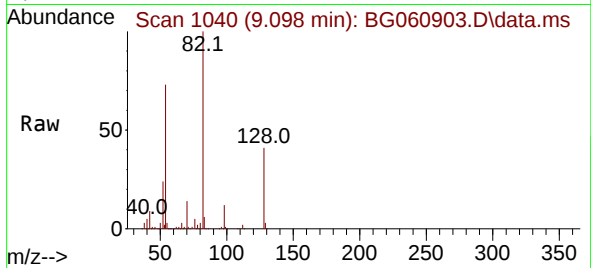




#23
Nitrobenzene-d5
Concen: 90.075 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.015 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

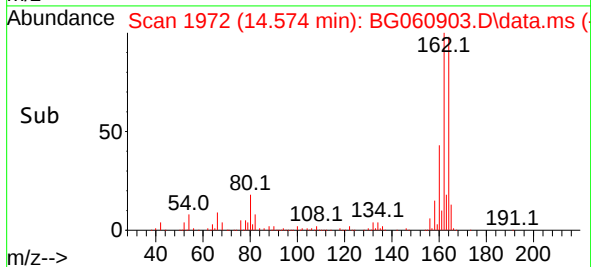
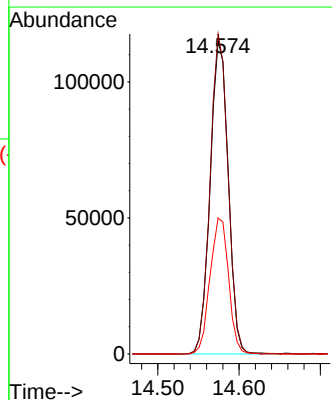
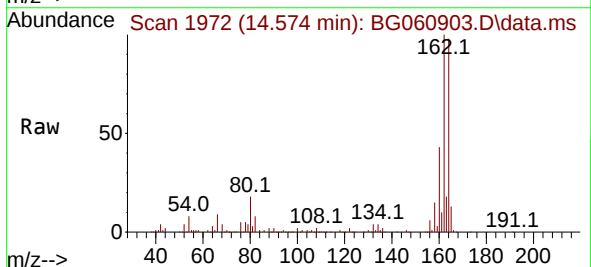
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

Tgt Ion: 82 Resp: 389156
Ion Ratio Lower Upper
82 100
128 40.6 31.2 46.8
54 73.0 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

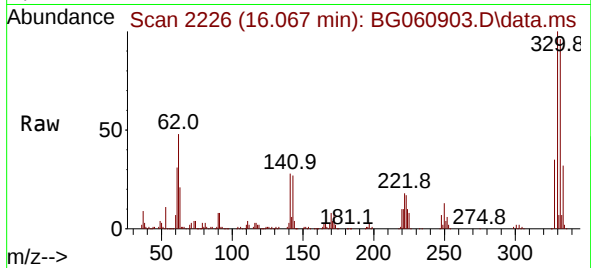
Tgt Ion: 164 Resp: 178060
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 43.5 35.4 53.0



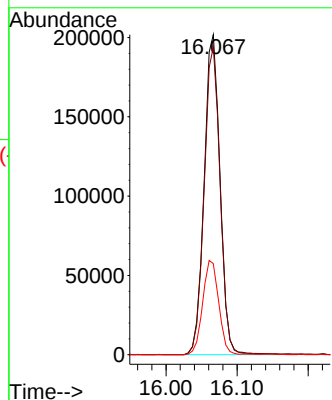
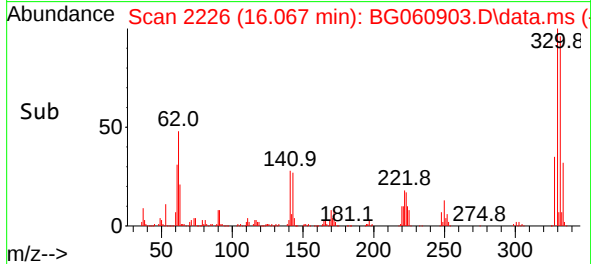


#42
2,4,6-Tribromophenol
Concen: 155.681 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

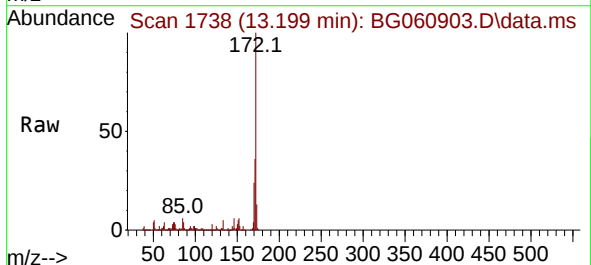
Instrument :
BNA_G
ClientSampleId :
NB-08-041224



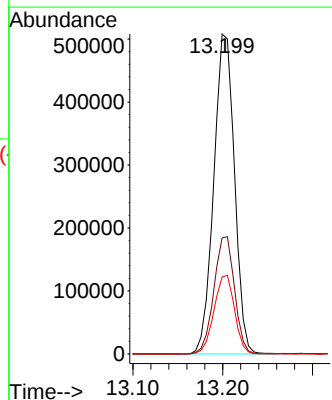
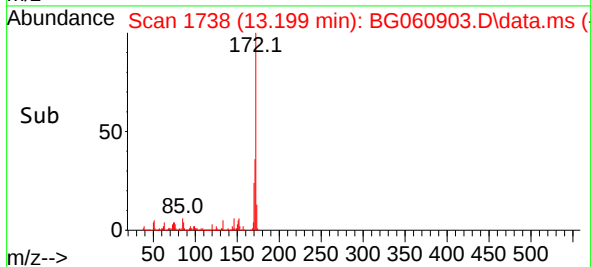
Tgt Ion:330 Resp: 314673
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 29.6 27.0 40.6

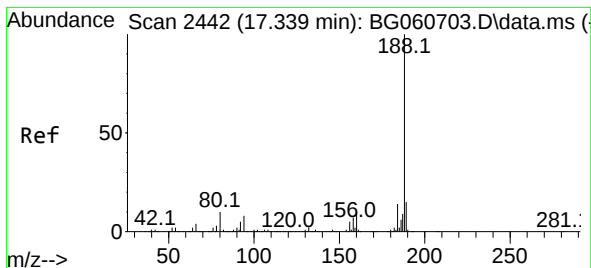


#45
2-Fluorobiphenyl
Concen: 67.081 ng
RT: 13.199 min Scan# 1738
Delta R.T. -0.021 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25



Tgt Ion:172 Resp: 813865
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.1 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: BG060903.D

Acq: 15 Apr 2024 16:25

Instrument :

BNA_G

ClientSampleId :

NB-08-041224

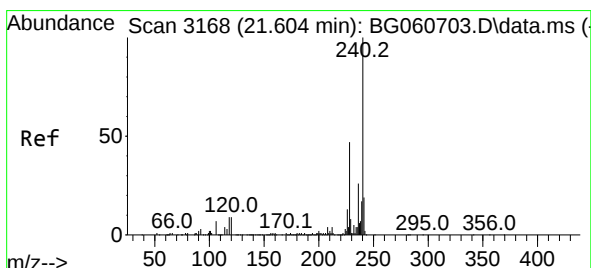
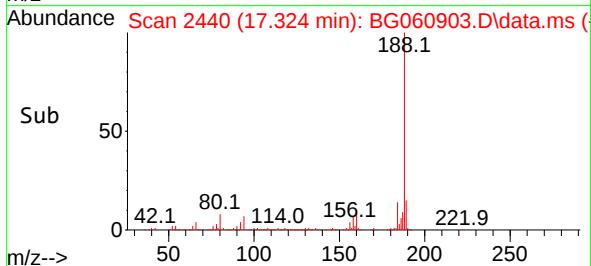
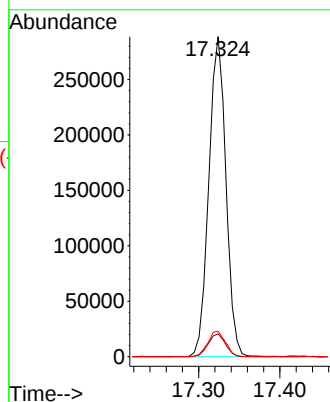
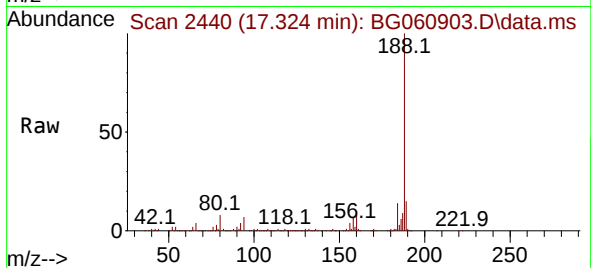
Tgt Ion:188 Resp: 420693

Ion Ratio Lower Upper

188 100

94 7.2 6.6 9.8

80 7.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.584 min Scan# 3165

Delta R.T. -0.021 min

Lab File: BG060903.D

Acq: 15 Apr 2024 16:25

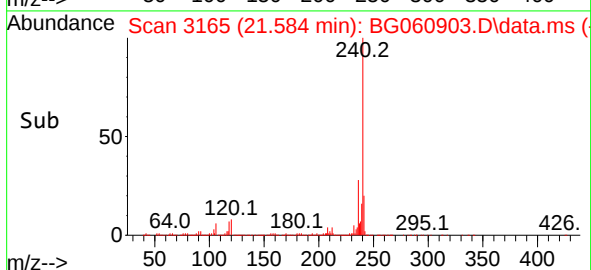
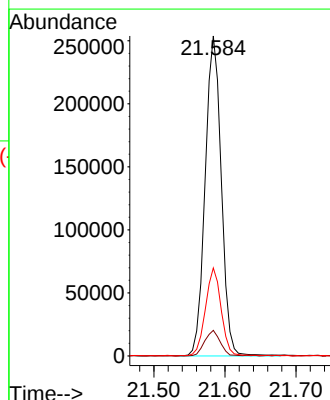
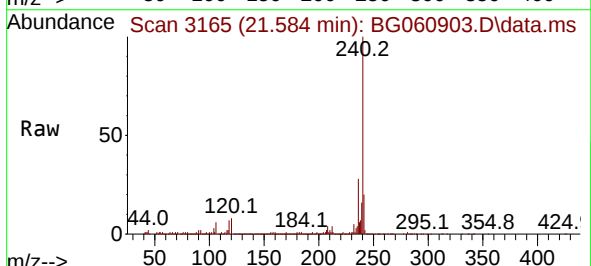
Tgt Ion:240 Resp: 401340

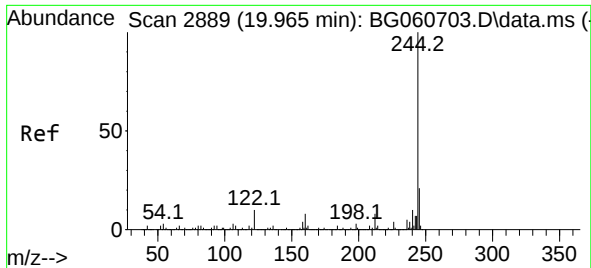
Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

236 27.5 20.7 31.1

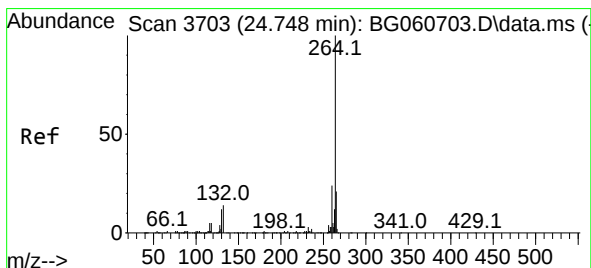
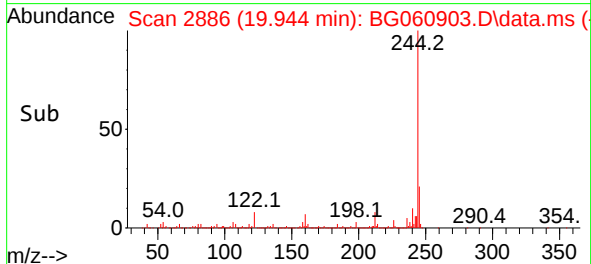
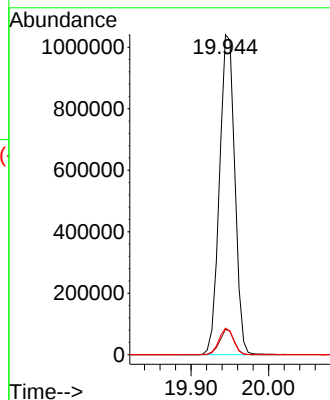
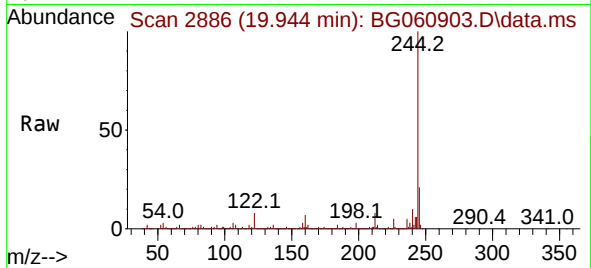




#79
 Terphenyl-d14
 Concen: 62.868 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG060903.D
 Acq: 15 Apr 2024 16:25

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-041224

Tgt Ion:244 Resp: 1432930
 Ion Ratio Lower Upper
 244 100
 212 7.9 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: BG060903.D
 Acq: 15 Apr 2024 16:25

Tgt Ion:264 Resp: 468617
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.6 16.9 25.3

