

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
Data File : BG060912.D
Acq On : 16 Apr 2024 13:51
Operator : MA/JU
Sample : PB160120BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160120BL

Quant Time: Apr 16 15:04:02 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	7.946	152	51189	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	199793	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	160907	20.000	ng	-0.02
64) Phenanthrene-d10	17.324	188	439391	20.000	ng	-0.02
76) Chrysene-d12	21.583	240	424861	20.000	ng	-0.02
86) Perylene-d12	24.715	264	484252	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	362880	118.095	ng	0.00
7) Phenol-d6	7.118	99	488356	107.068	ng	0.00
23) Nitrobenzene-d5	9.104	82	334845	95.633	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	307915	168.577	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	823077	75.073	ng	-0.02
79) Terphenyl-d14	19.944	244	1850426	76.691	ng	-0.02

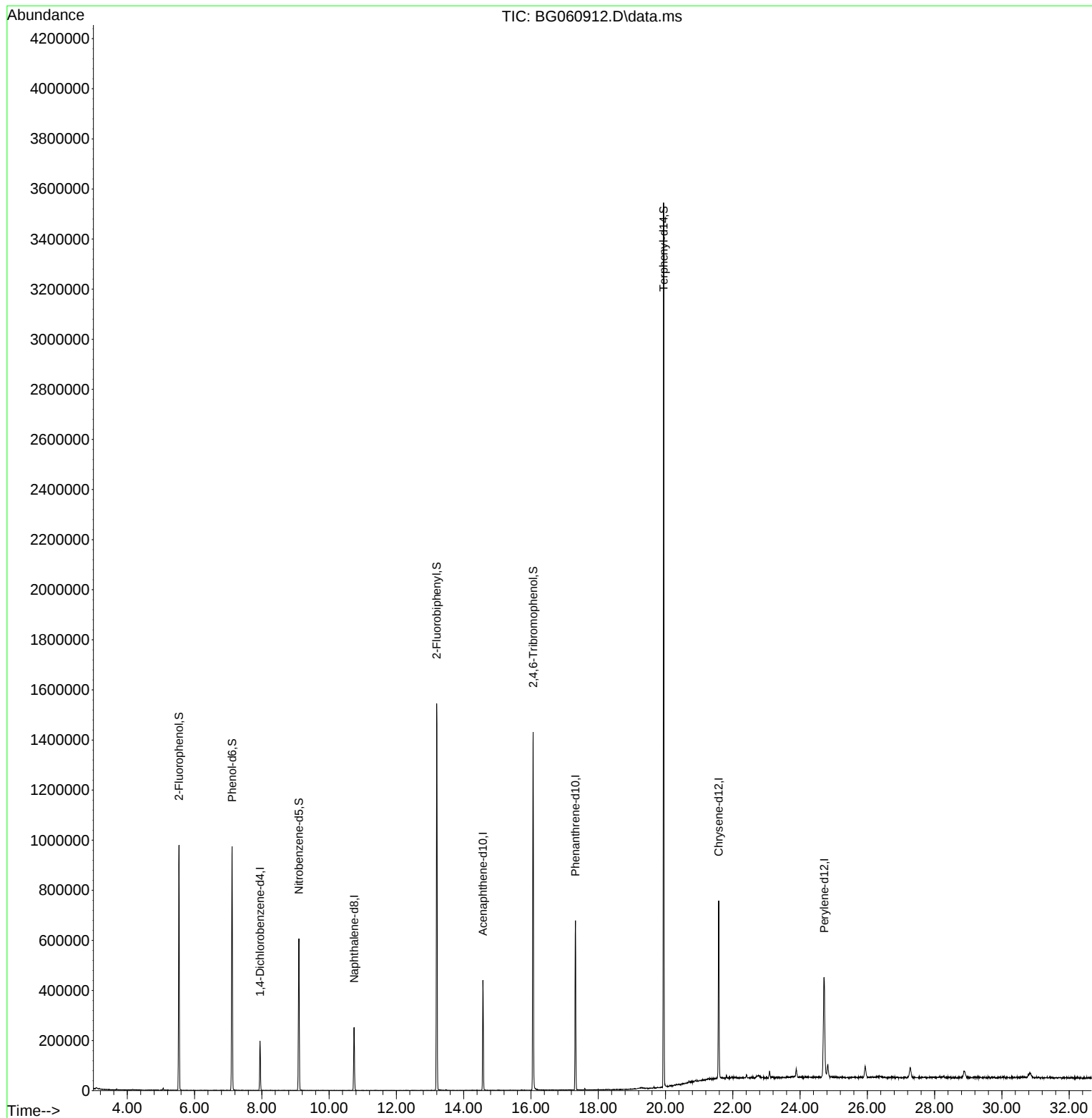
Target Compounds	Qvalue

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

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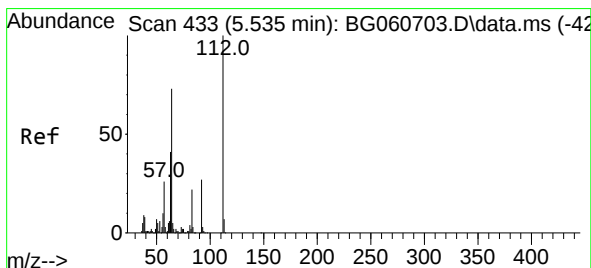
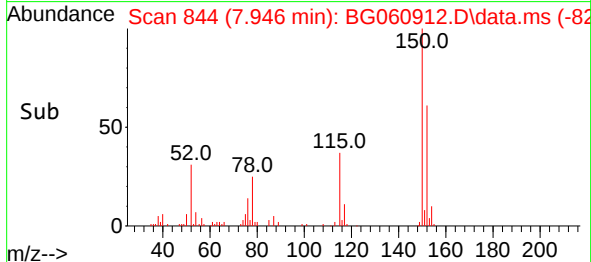
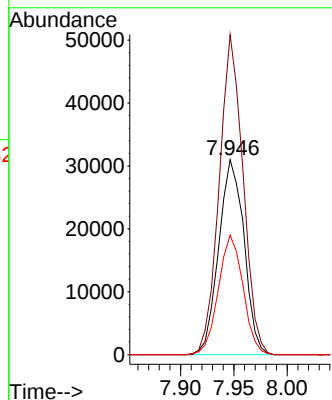
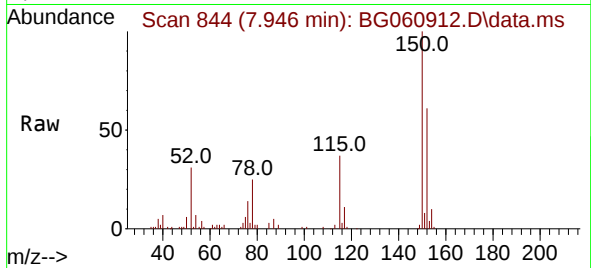




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.946 min Scan# 846
 Delta R.T. -0.015 min
 Lab File: BG060912.D
 Acq: 16 Apr 2024 13:51

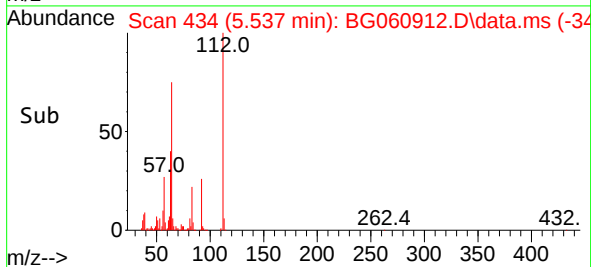
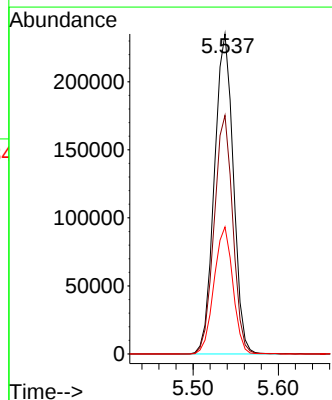
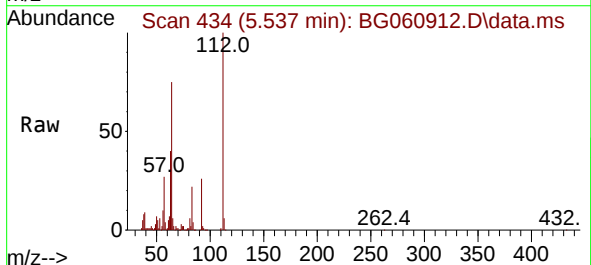
Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

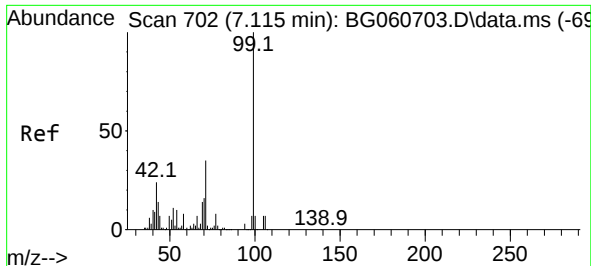
Tgt Ion:152 Resp: 51189
 Ion Ratio Lower Upper
 152 100
 150 164.1 130.2 195.4
 115 61.3 51.6 77.4



#5
 2-Fluorophenol
 Concen: 118.095 ng
 RT: 5.537 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: BG060912.D
 Acq: 16 Apr 2024 13:51

Tgt Ion:112 Resp: 362880
 Ion Ratio Lower Upper
 112 100
 64 74.6 58.4 87.6
 63 39.7 32.7 49.1

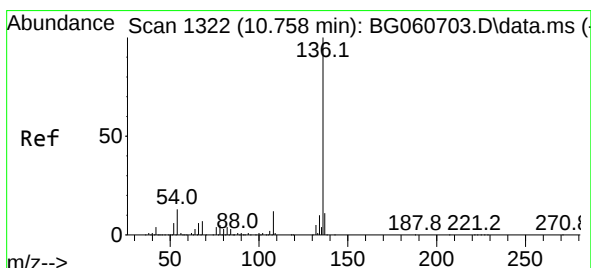
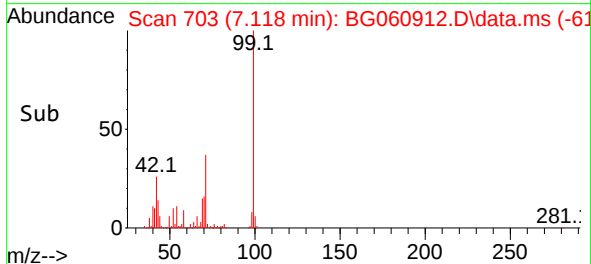
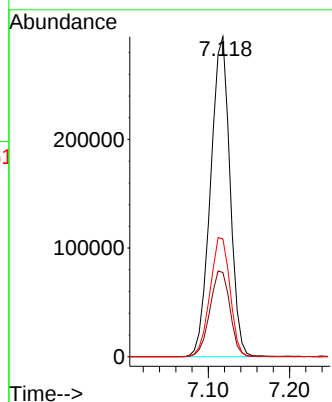
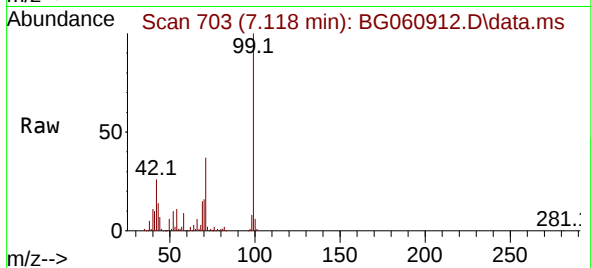




#7
Phenol-d6
Concen: 107.068 ng
RT: 7.118 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

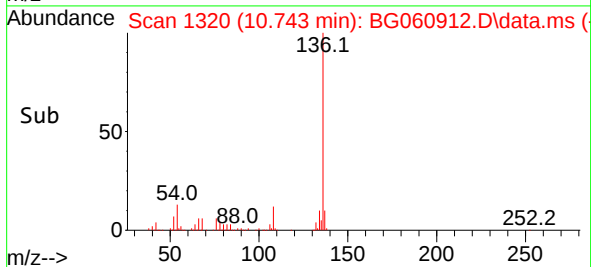
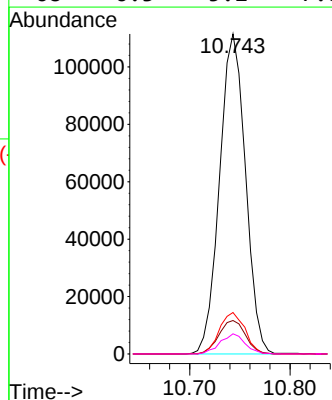
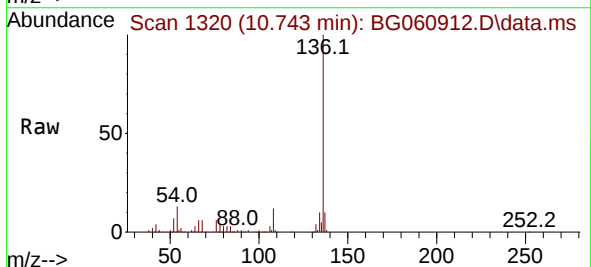
Instrument :
BNA_G
ClientSampleId :
PB160120BL

Tgt Ion: 99 Resp: 488356
Ion Ratio Lower Upper
99 100
42 26.3 19.4 29.2
71 36.8 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: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:136 Resp: 199793
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 13.0 10.2 15.2
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 95.633 ng

RT: 9.104 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060912.D

Acq: 16 Apr 2024 13:51

Instrument :

BNA_G

ClientSampleId :

PB160120BL

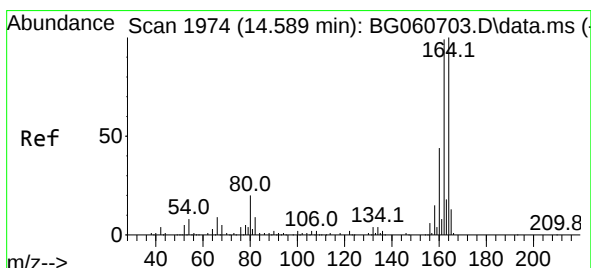
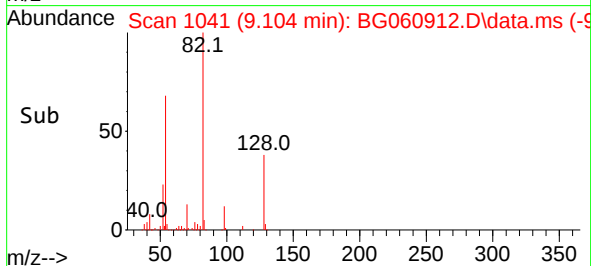
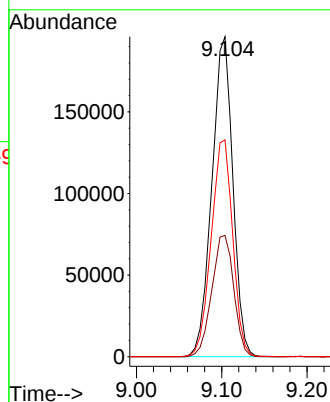
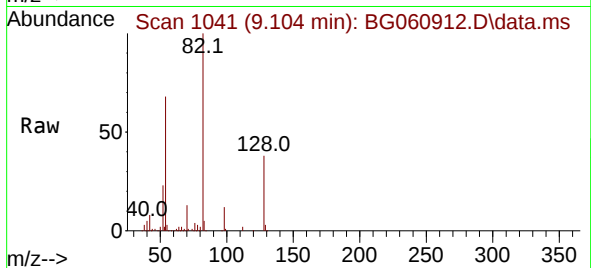
Tgt Ion: 82 Resp: 334845

Ion Ratio Lower Upper

82 100

128 37.9 31.2 46.8

54 67.8 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: BG060912.D

Acq: 16 Apr 2024 13:51

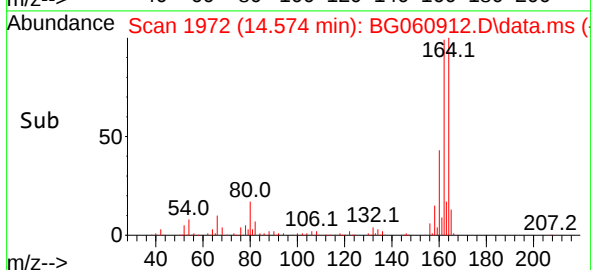
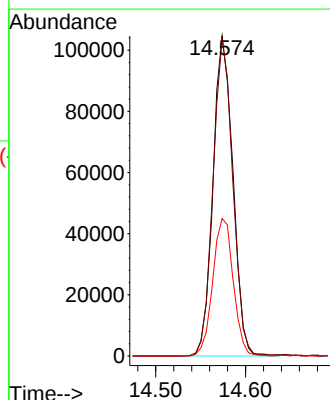
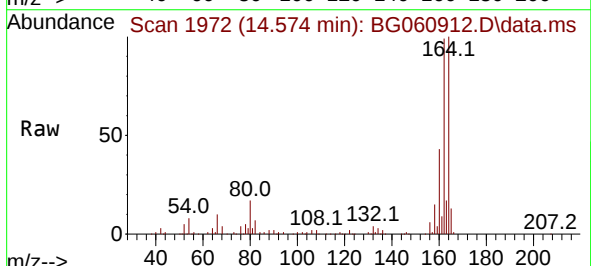
Tgt Ion:164 Resp: 160907

Ion Ratio Lower Upper

164 100

162 99.1 79.5 119.3

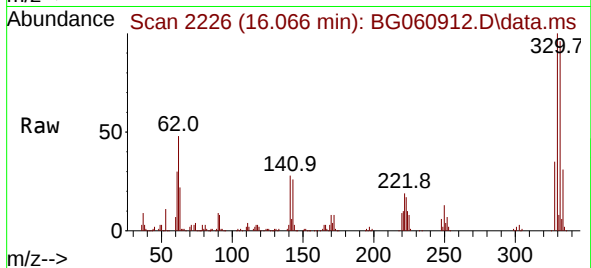
160 42.9 35.4 53.0



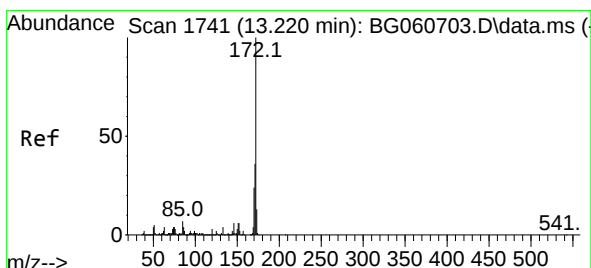
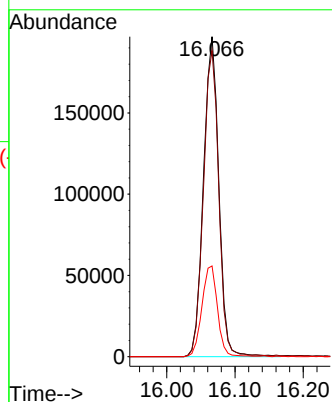
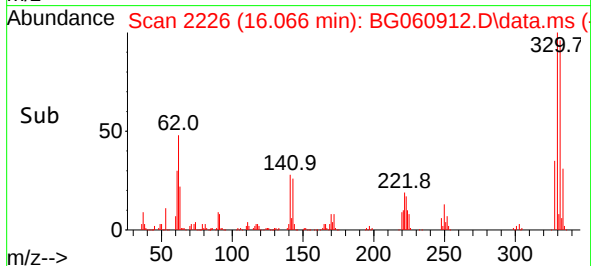


#42
2,4,6-Tribromophenol
Concen: 168.577 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

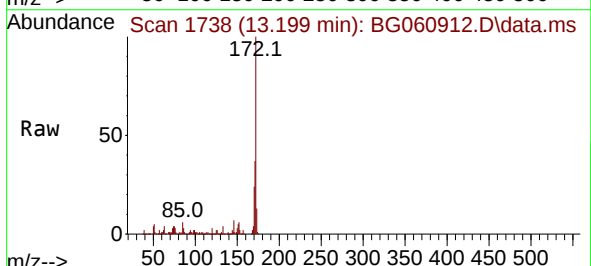
Instrument :
BNA_G
ClientSampleId :
PB160120BL



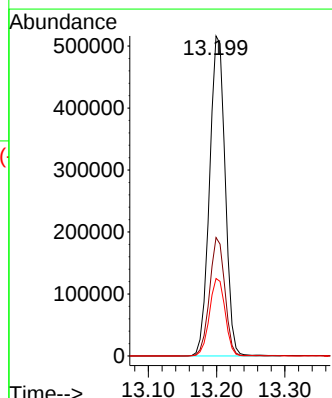
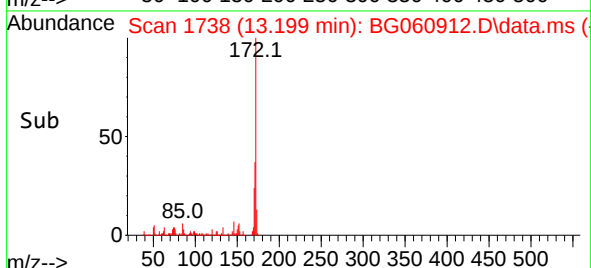
Tgt Ion:330 Resp: 307915
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 28.7 27.0 40.6

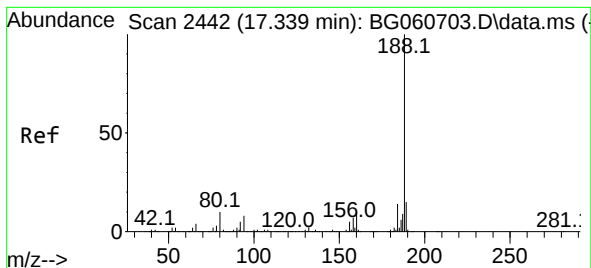


#45
2-Fluorobiphenyl
Concen: 75.073 ng
RT: 13.199 min Scan# 1738
Delta R.T. -0.021 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51



Tgt Ion:172 Resp: 823077
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 24.2 19.4 29.0

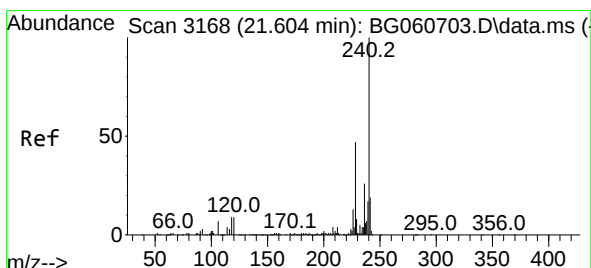
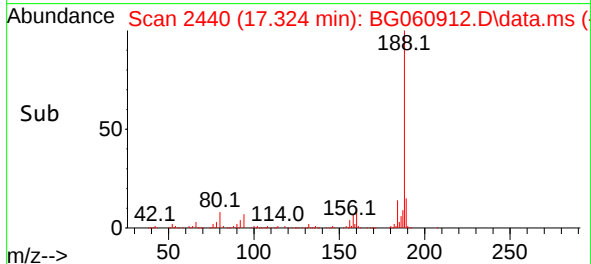
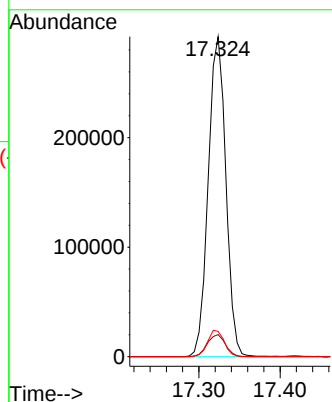
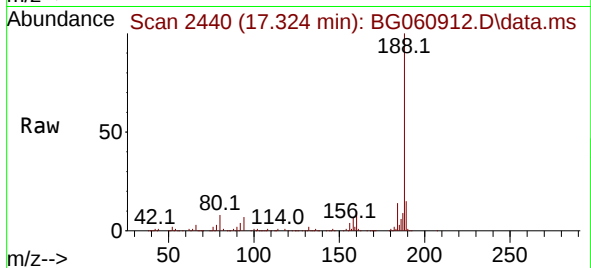




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2442
Delta R.T. -0.015 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

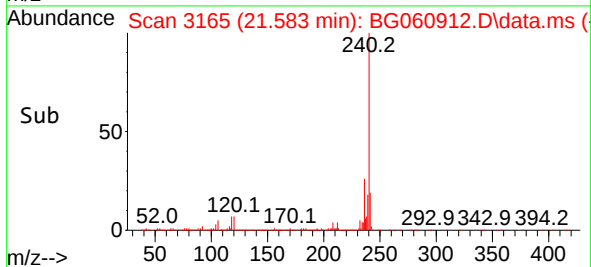
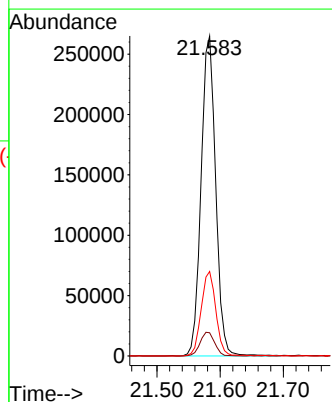
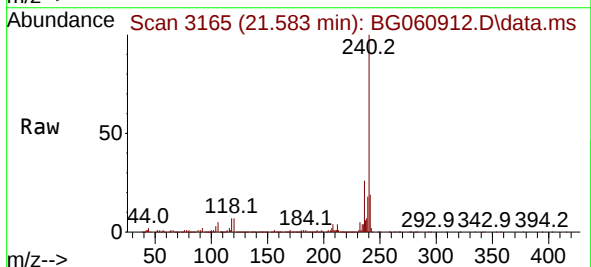
Instrument :
BNA_G
ClientSampleId :
PB160120BL

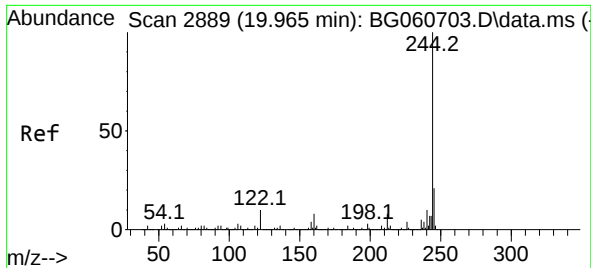
Tgt Ion:188 Resp: 439391
Ion Ratio Lower Upper
188 100
94 6.9 6.6 9.8
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3165
Delta R.T. -0.021 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:240 Resp: 424861
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 26.4 20.7 31.1

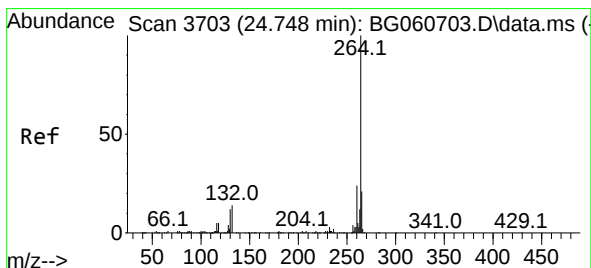
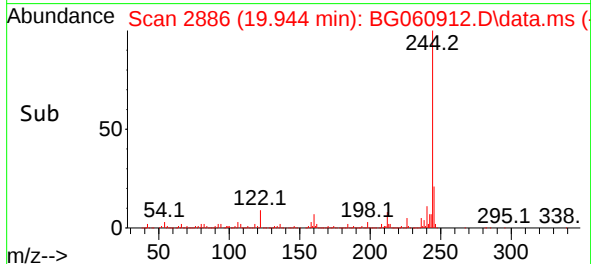
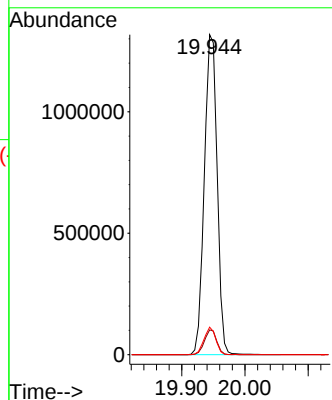
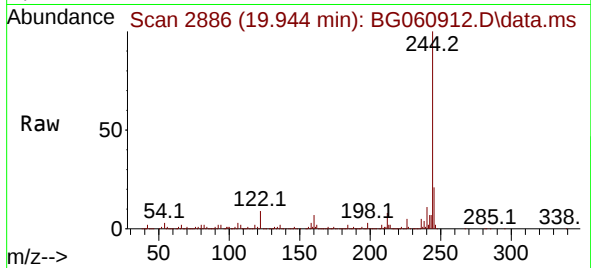




#79
 Terphenyl-d14
 Concen: 76.691 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG060912.D
 Acq: 16 Apr 2024 13:51

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Tgt Ion:244 Resp: 1850426
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3698
 Delta R.T. -0.033 min
 Lab File: BG060912.D
 Acq: 16 Apr 2024 13:51

Tgt Ion:264 Resp: 484252
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.6 16.9 25.3

