

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060890.D
 Acq On : 13 Apr 2024 12:25
 Operator : MA/JU
 Sample : PB160208BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160208BL

Quant Time: Apr 15 01:15:30 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	7.948	152	36542	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	143281	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	127173	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	364600	20.000	ng	0.00
76) Chrysene-d12	21.590	240	355678	20.000	ng	-0.01
86) Perylene-d12	24.734	264	408485	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	260108	118.579	ng	0.00
7) Phenol-d6	7.119	99	380331	116.807	ng	0.00
23) Nitrobenzene-d5	9.105	82	240772	95.887	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	255419	176.930	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	642486	74.146	ng	-0.01
79) Terphenyl-d14	19.951	244	1610893	79.750	ng	-0.01

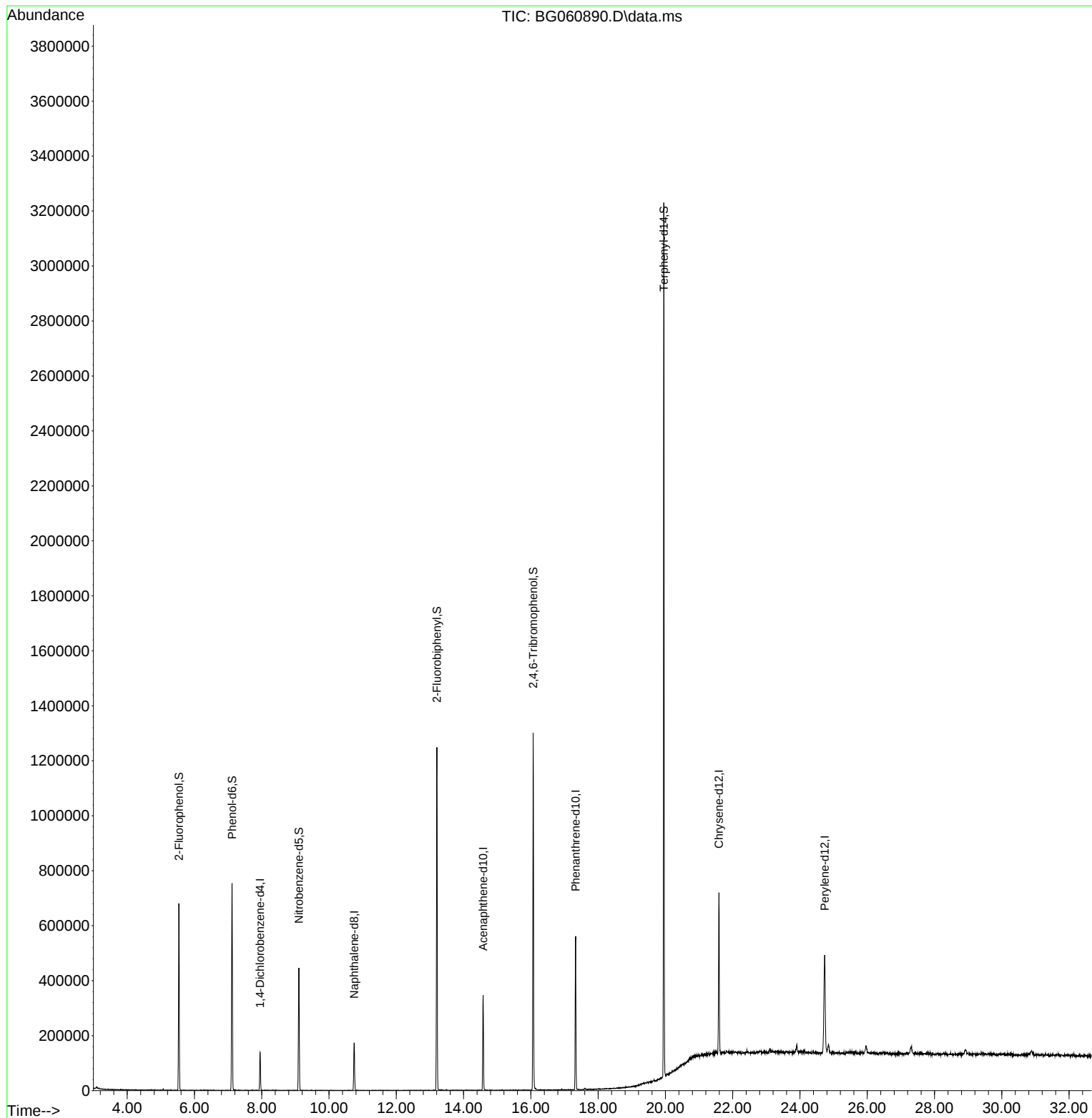
Target Compounds	Qvalue

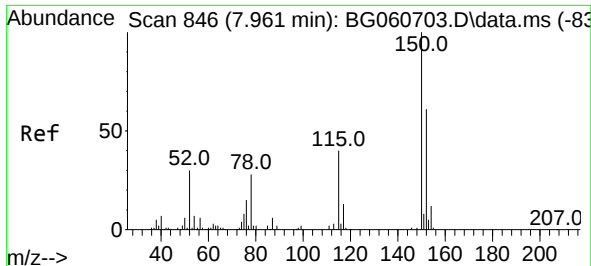
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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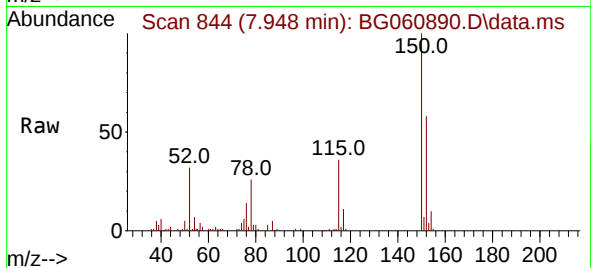
Quant Time: Apr 15 01:15:30 2024
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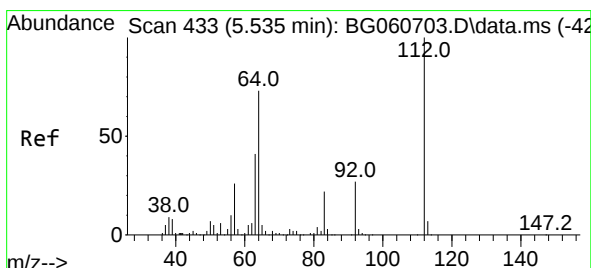
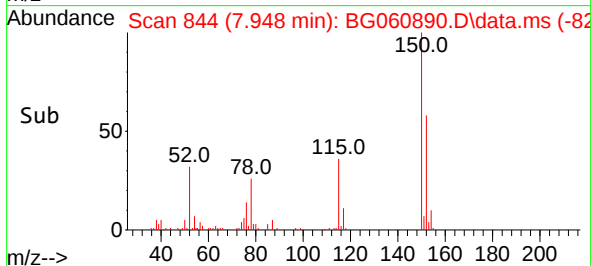
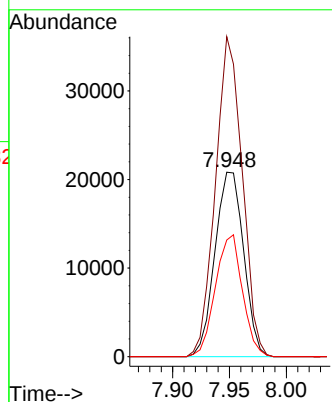


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 846
Delta R.T. -0.013 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

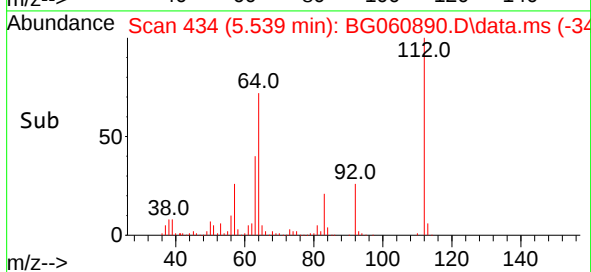
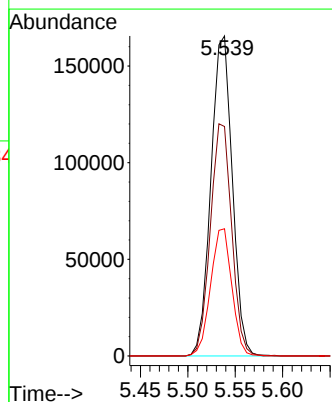
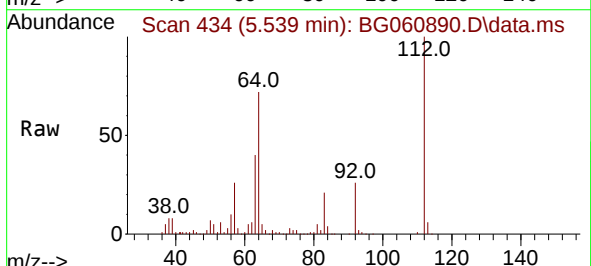


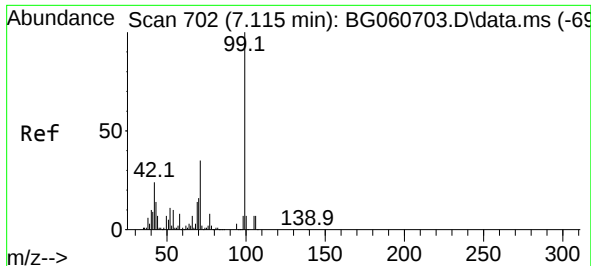
Tgt Ion:152 Resp: 36542
Ion Ratio Lower Upper
152 100
150 173.5 130.2 195.4
115 63.3 51.6 77.4



#5
2-Fluorophenol
Concen: 118.579 ng
RT: 5.539 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:112 Resp: 260108
Ion Ratio Lower Upper
112 100
64 71.7 58.4 87.6
63 39.8 32.7 49.1

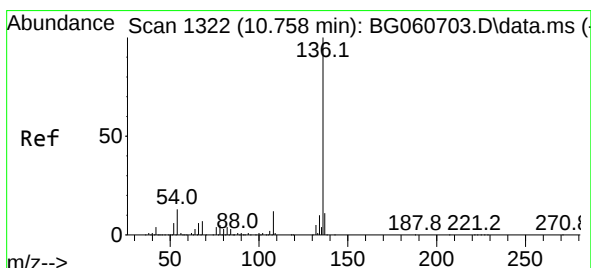
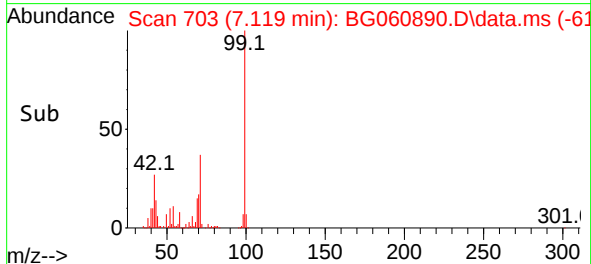
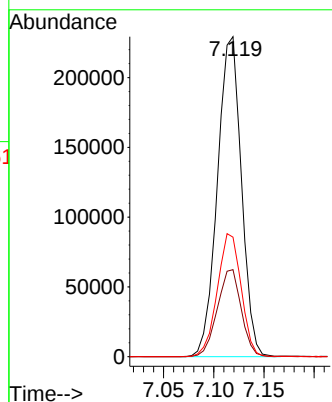
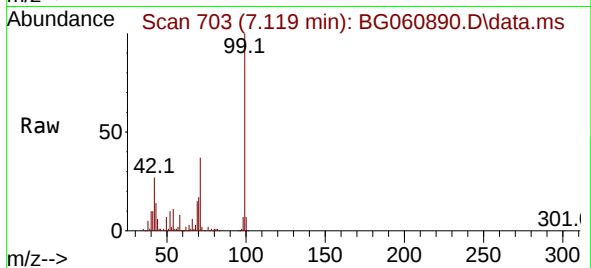




#7
Phenol-d6
Concen: 116.807 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

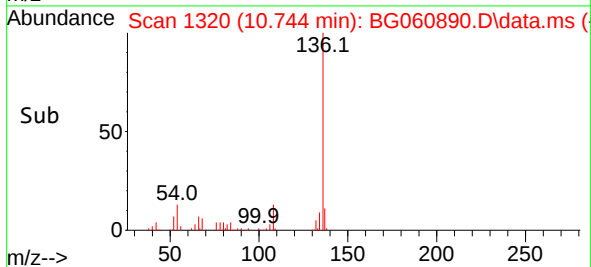
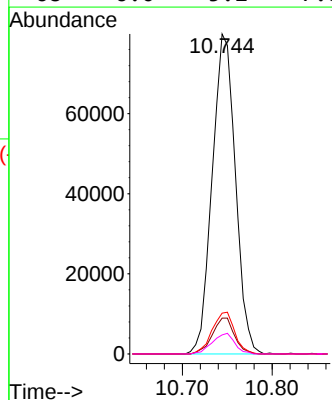
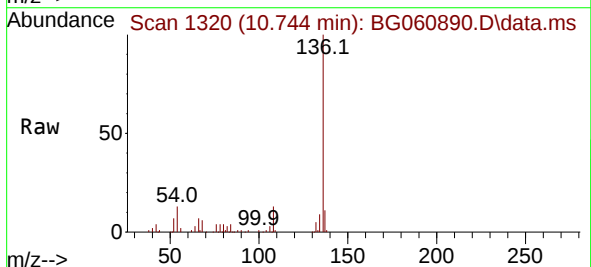
Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion: 99 Resp: 380331
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 37.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion: 136 Resp: 143281
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.7 10.2 15.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 95.887 ng

RT: 9.105 min Scan# 1042

Delta R.T. -0.008 min

Lab File: BG060890.D

Acq: 13 Apr 2024 12:25

Instrument :

BNA_G

ClientSampleId :

PB160208BL

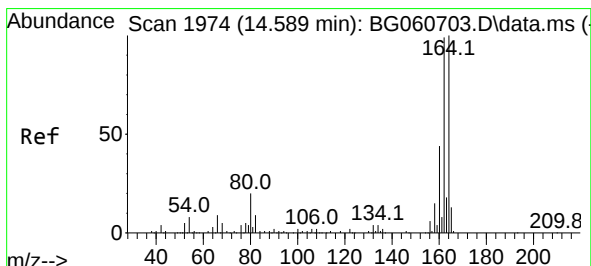
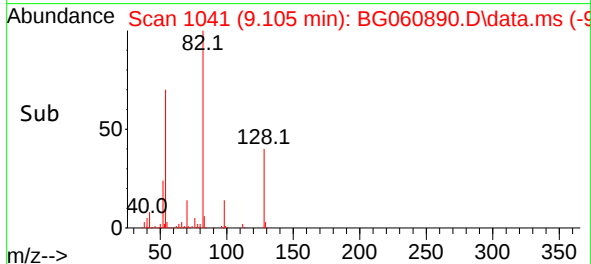
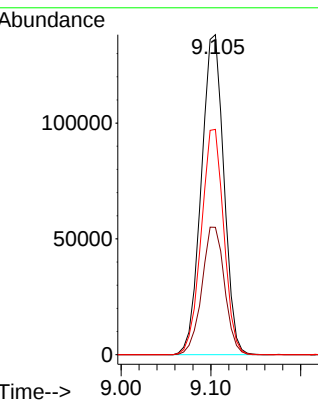
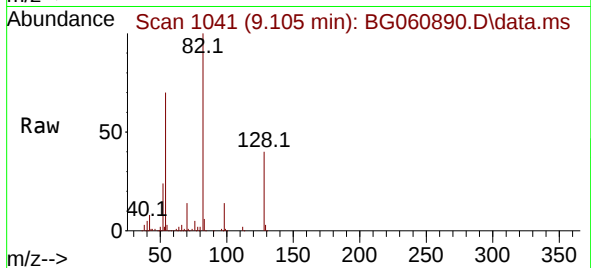
Tgt Ion: 82 Resp: 240772

Ion Ratio Lower Upper

82 100

128 39.8 31.2 46.8

54 70.4 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

Delta R.T. -0.008 min

Lab File: BG060890.D

Acq: 13 Apr 2024 12:25

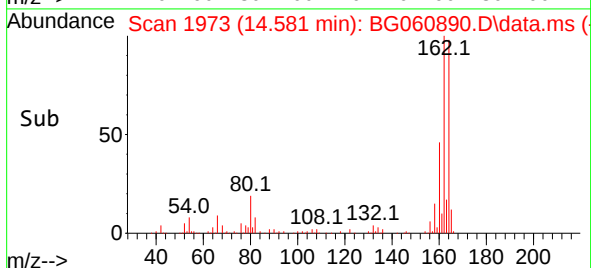
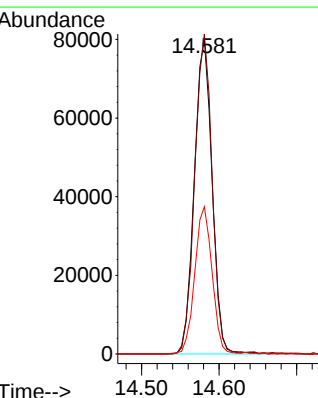
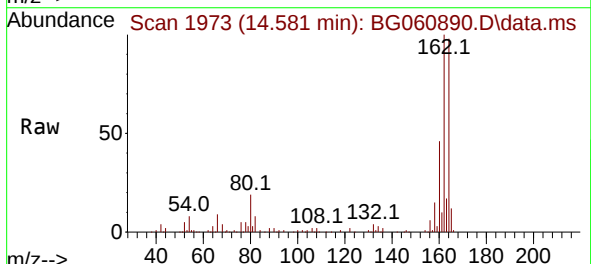
Tgt Ion: 164 Resp: 127173

Ion Ratio Lower Upper

164 100

162 101.7 79.5 119.3

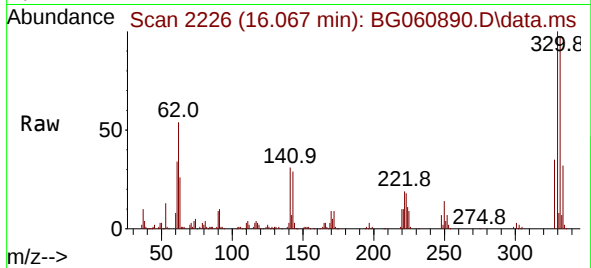
160 46.8 35.4 53.0



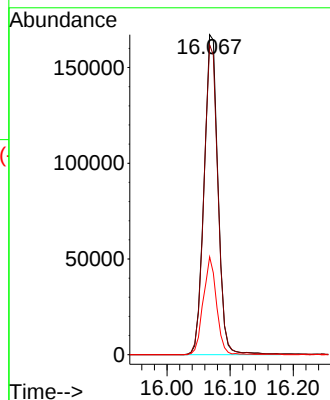
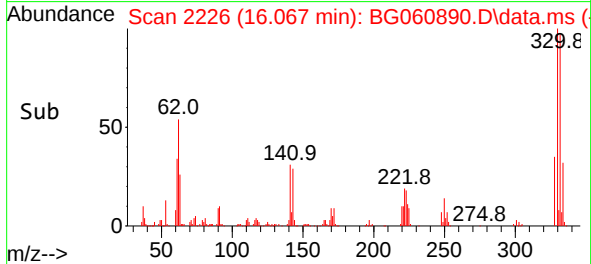


#42
2,4,6-Tribromophenol
Concen: 176.930 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

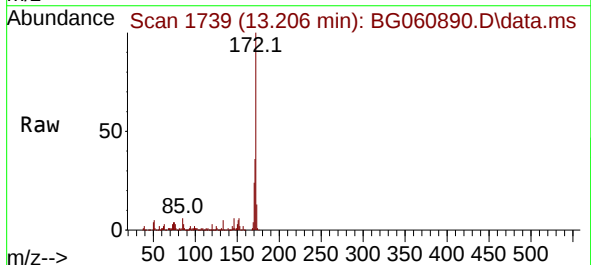
Instrument :
BNA_G
ClientSampleId :
PB160208BL



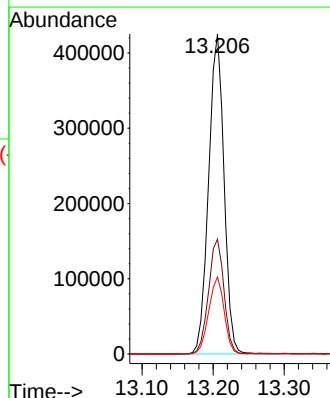
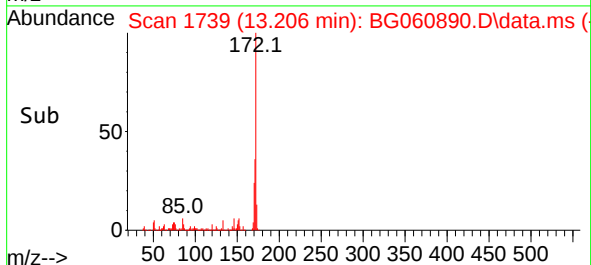
Tgt Ion:330 Resp: 255419
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 29.2 27.0 40.6

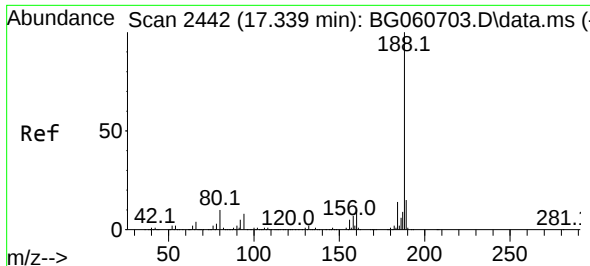


#45
2-Fluorobiphenyl
Concen: 74.146 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25



Tgt Ion:172 Resp: 642486
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.1 19.4 29.0

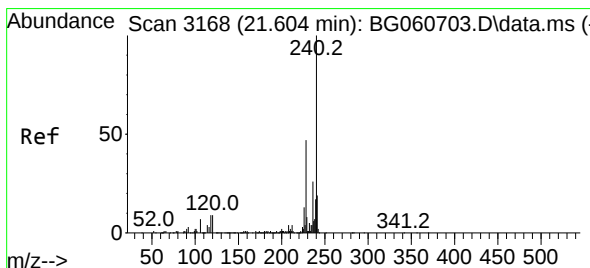
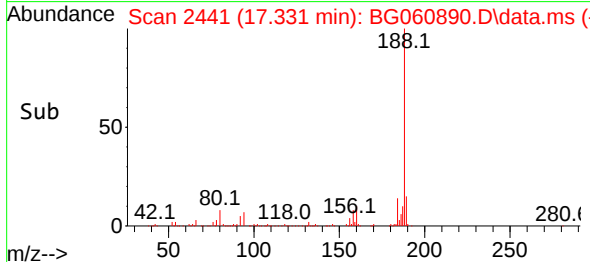
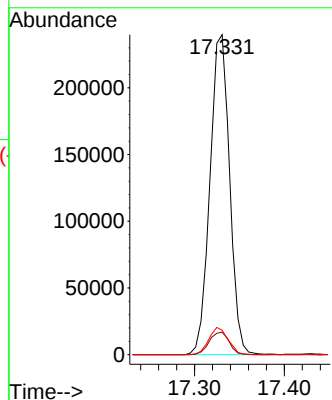
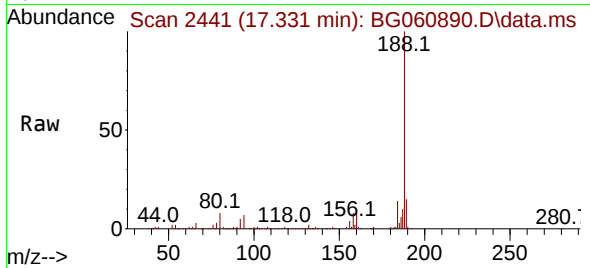




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.331 min Scan# 2442
Delta R.T. -0.008 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

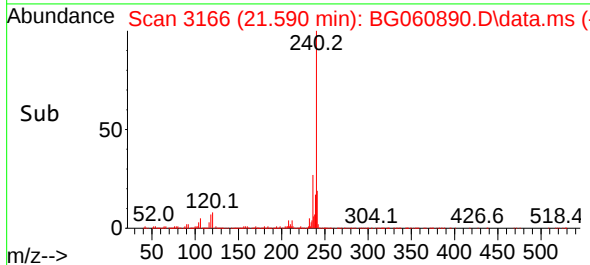
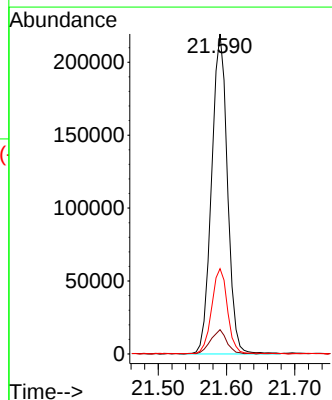
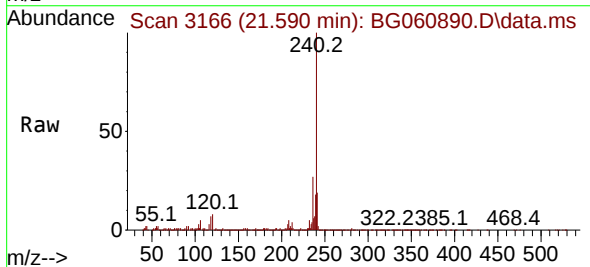
Instrument :
BNA_G
ClientSampleId :
PB160208BL

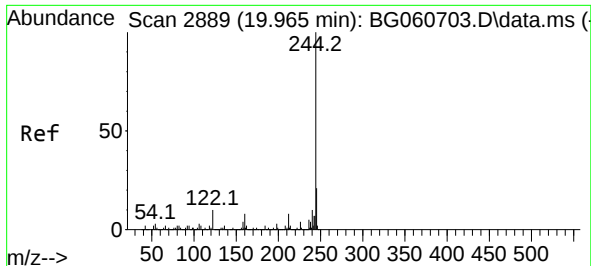
Tgt Ion:188 Resp: 364600
Ion Ratio Lower Upper
188 100
94 7.1 6.6 9.8
80 7.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:240 Resp: 355678
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 26.7 20.7 31.1

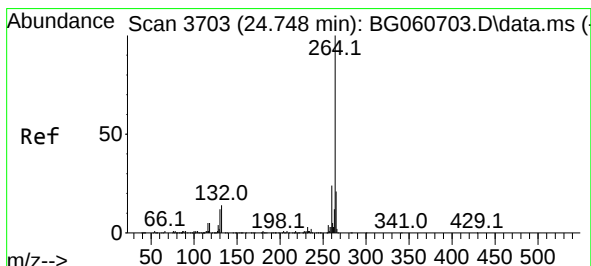
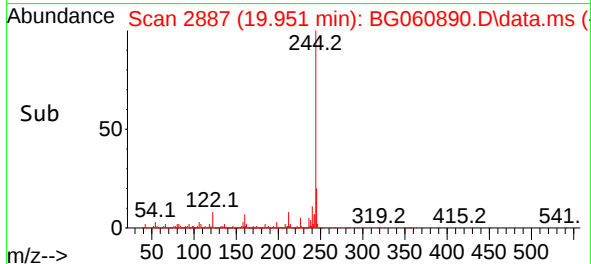
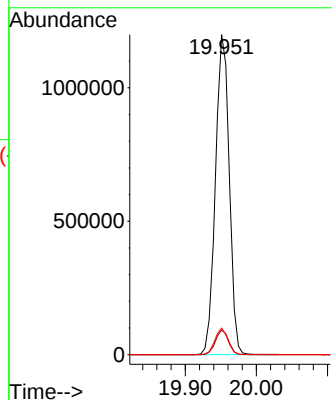
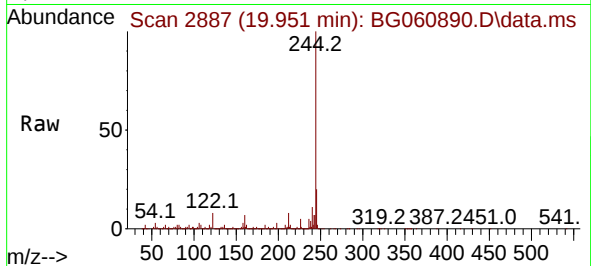




#79
 Terphenyl-d14
 Concen: 79.750 ng
 RT: 19.951 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG060890.D
 Acq: 13 Apr 2024 12:25

Instrument :
 BNA_G
 ClientSampleId :
 PB160208BL

Tgt Ion:244 Resp: 1610893
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.734 min Scan# 3701
 Delta R.T. -0.014 min
 Lab File: BG060890.D
 Acq: 13 Apr 2024 12:25

Tgt Ion:264 Resp: 408485
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.4 16.9 25.3

