

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
Data File : BG060789.D
Acq On : 5 Apr 2024 10:12
Operator : MA/JU
Sample : PB159944TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159944TB

Quant Time: Apr 05 10:53:02 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	7.959	152	44279	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	181071	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	149203	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	412267	20.000	ng	0.00
76) Chrysene-d12	21.596	240	442302	20.000	ng	0.00
86) Perylene-d12	24.739	264	501080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	184885	69.558	ng	0.00
7) Phenol-d6	7.118	99	261223	66.209	ng	0.00
23) Nitrobenzene-d5	9.110	82	152940	48.197	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	153708	90.753	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	430959	42.391	ng	0.00
79) Terphenyl-d14	19.956	244	1121128	44.633	ng	0.00

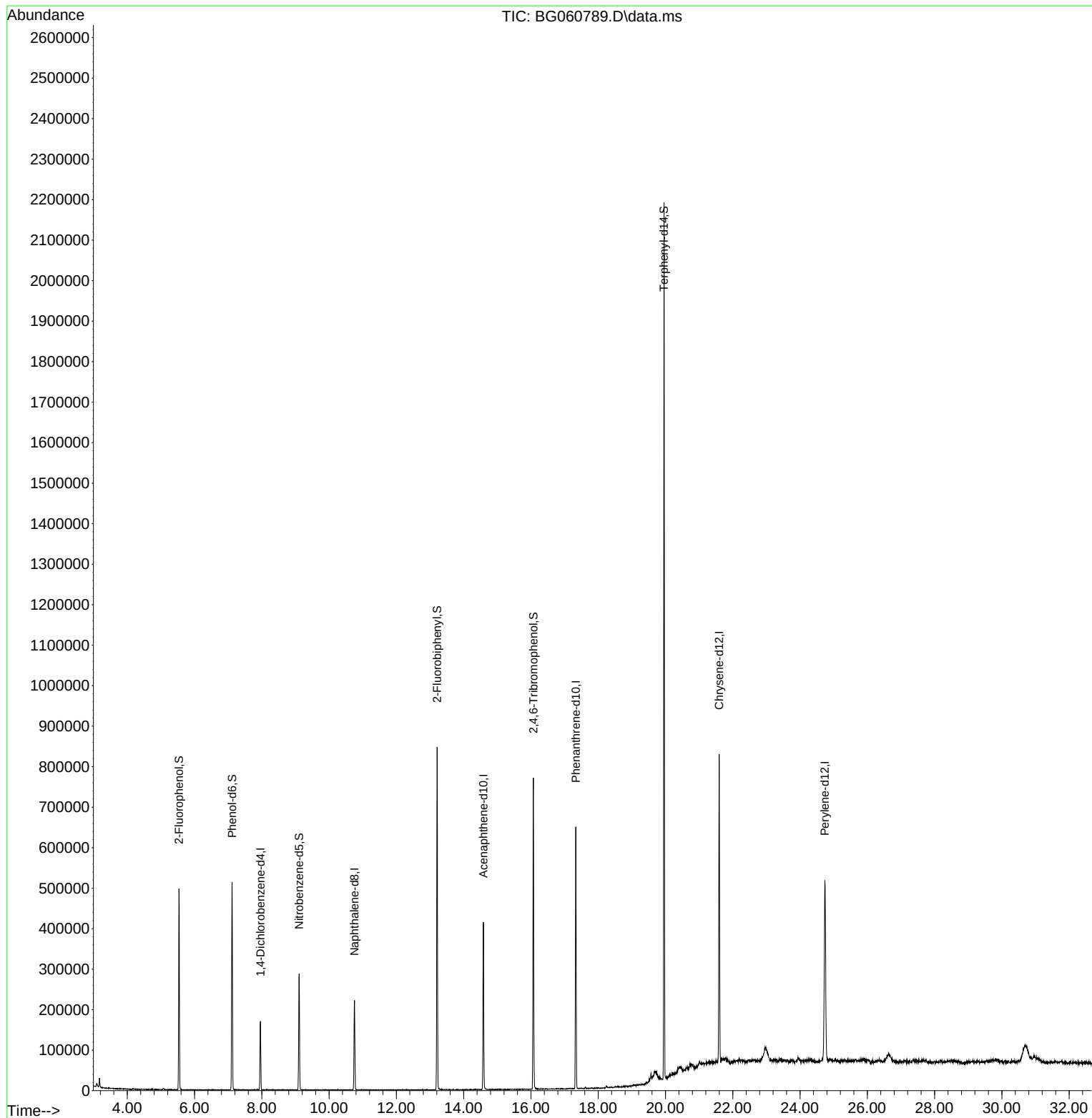
Target Compounds	Qvalue
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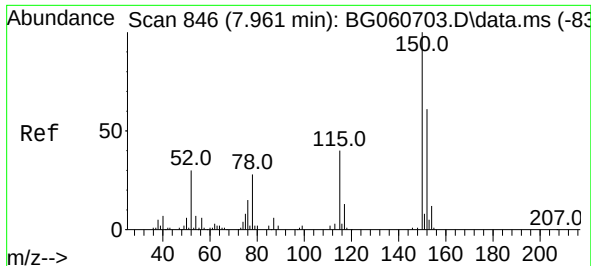
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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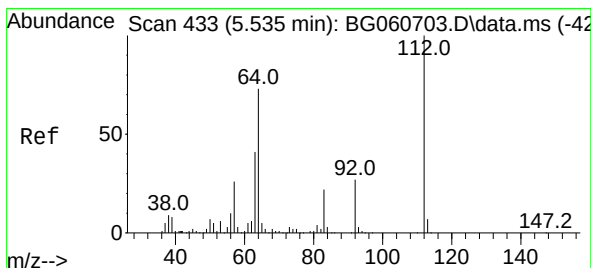
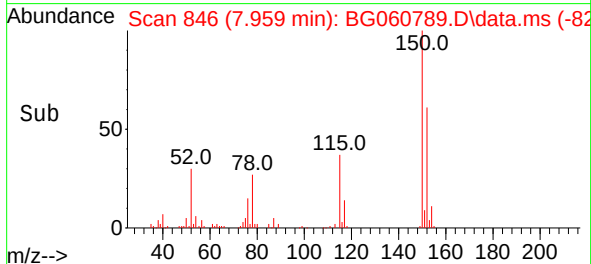
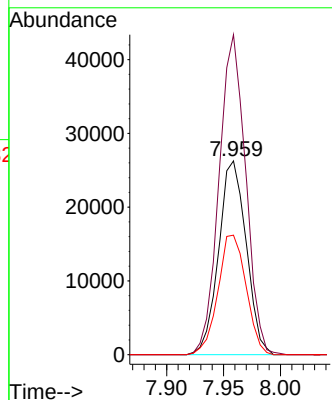
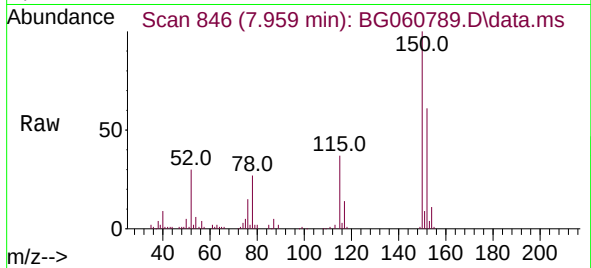




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

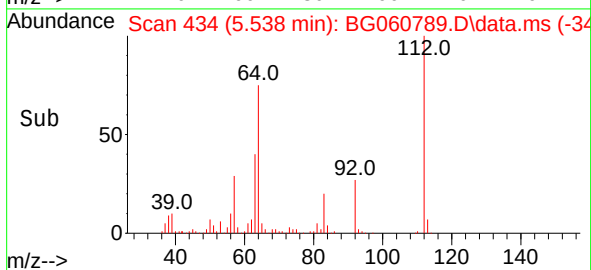
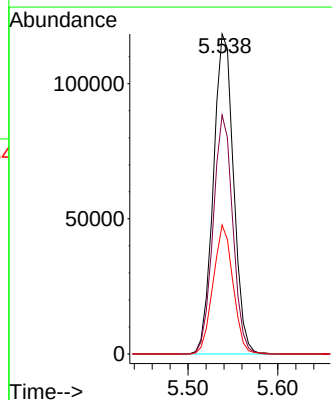
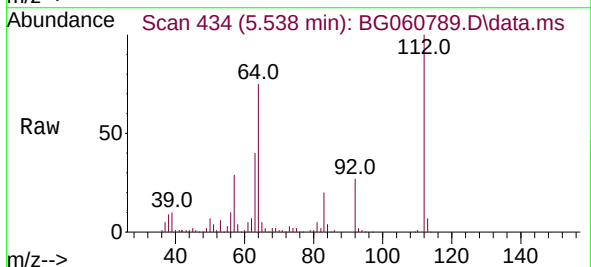
Instrument :
BNA_G
ClientSampleId :
PB159944TB

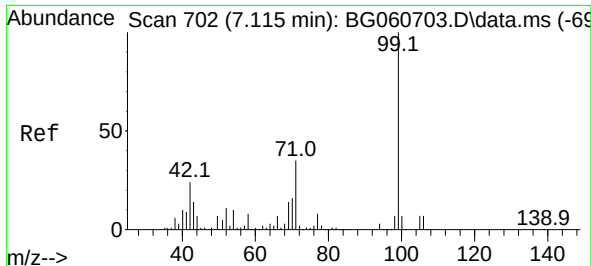
Tgt Ion:152 Resp: 44279
Ion Ratio Lower Upper
152 100
150 165.1 130.2 195.4
115 61.6 51.6 77.4



#5
2-Fluorophenol
Concen: 69.558 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:112 Resp: 184885
Ion Ratio Lower Upper
112 100
64 74.6 58.4 87.6
63 40.3 32.7 49.1

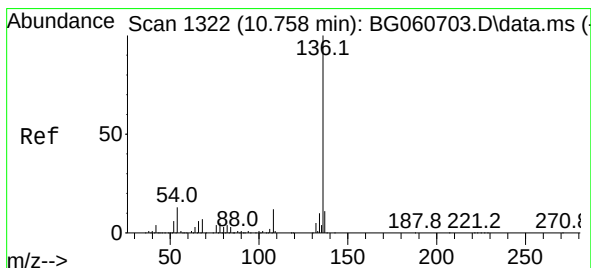
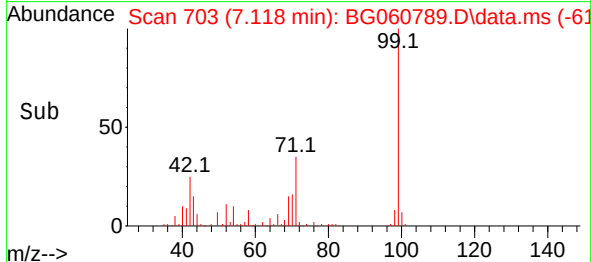
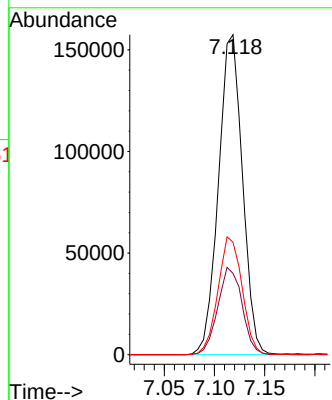
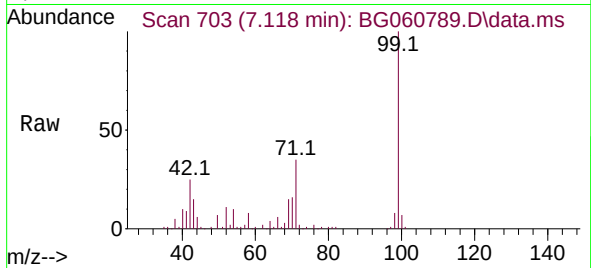




#7
Phenol-d6
Concen: 66.209 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

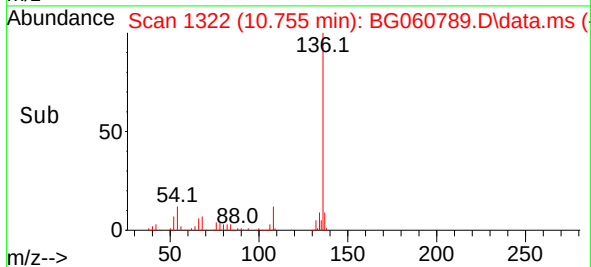
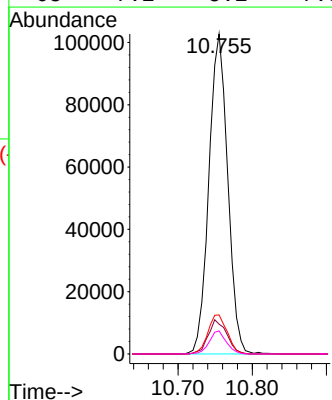
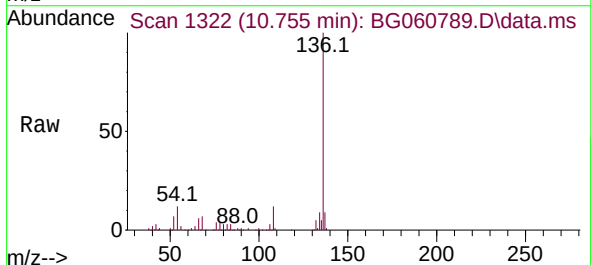
Instrument :
BNA_G
ClientSampleId :
PB159944TB

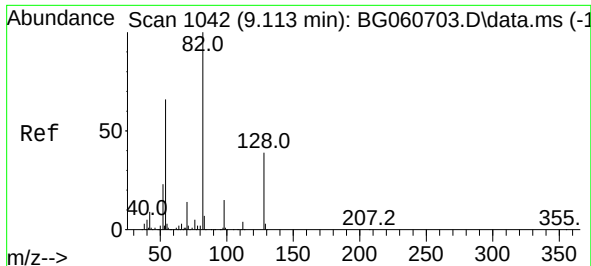
Tgt Ion: 99 Resp: 261223
Ion Ratio Lower Upper
99 100
42 25.4 19.4 29.2
71 35.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:136 Resp: 181071
Ion Ratio Lower Upper
136 100
137 9.3 8.8 13.2
54 12.2 10.2 15.2
68 7.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 48.197 ng

RT: 9.110 min Scan# 1042

Delta R.T. -0.003 min

Lab File: BG060789.D

Acq: 5 Apr 2024 10:12

Instrument :

BNA_G

ClientSampleId :

PB159944TB

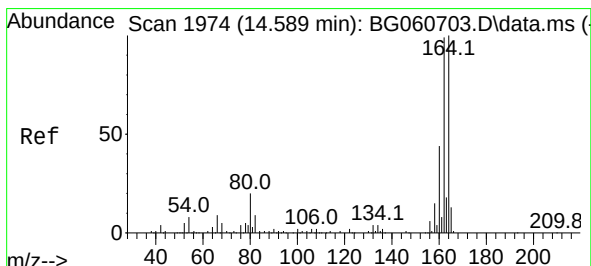
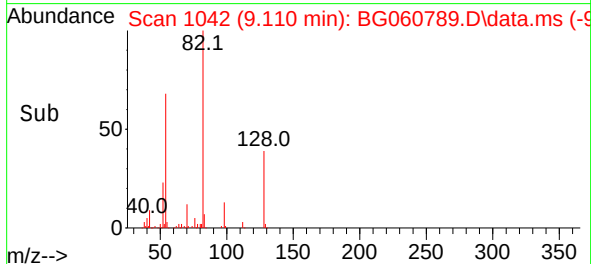
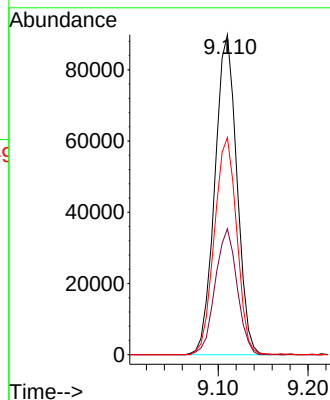
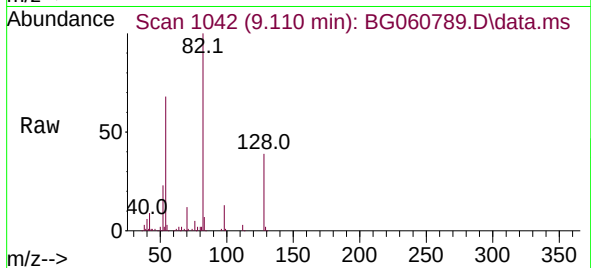
Tgt Ion: 82 Resp: 152940

Ion Ratio Lower Upper

82 100

128 39.3 31.2 46.8

54 67.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1974

Delta R.T. -0.003 min

Lab File: BG060789.D

Acq: 5 Apr 2024 10:12

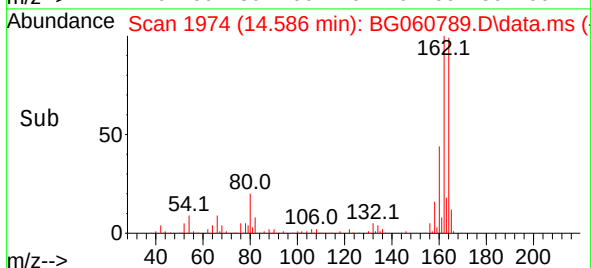
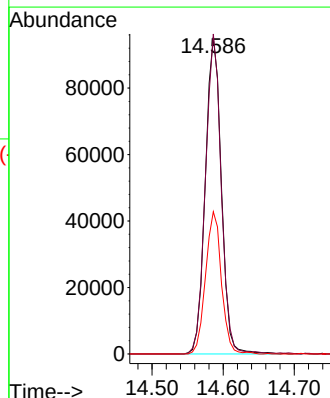
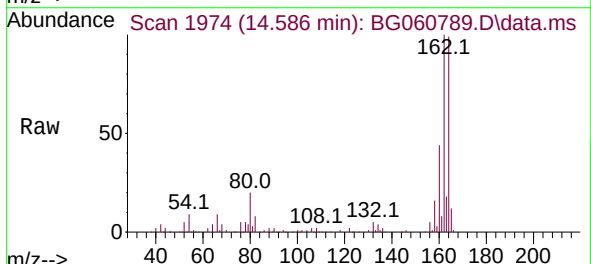
Tgt Ion:164 Resp: 149203

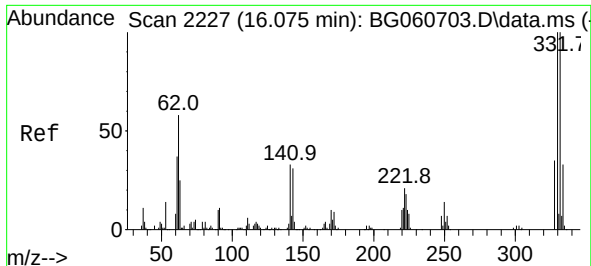
Ion Ratio Lower Upper

164 100

162 101.1 79.5 119.3

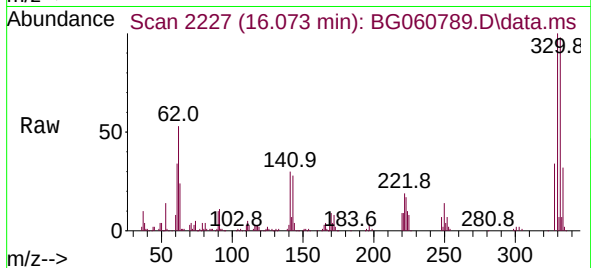
160 44.9 35.4 53.0



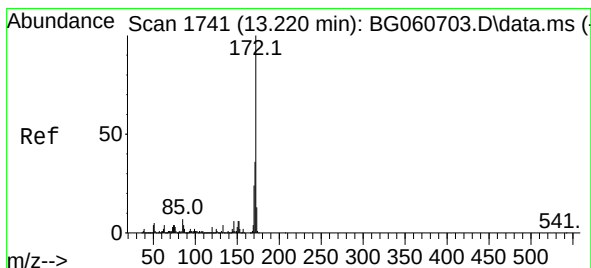
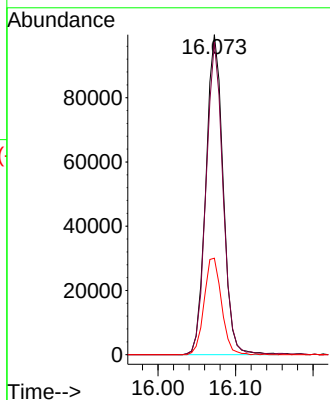
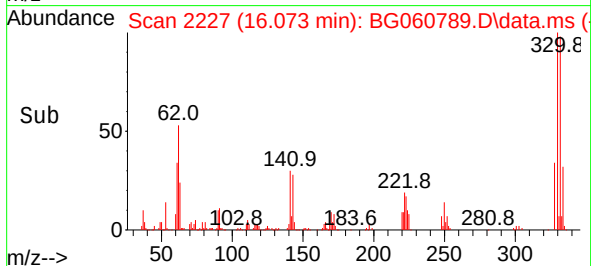


#42
2,4,6-Tribromophenol
Concen: 90.753 ng
RT: 16.073 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

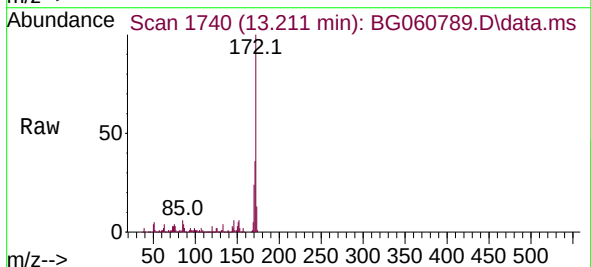
Instrument :
BNA_G
ClientSampleId :
PB159944TB



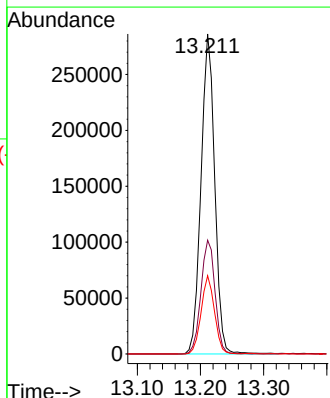
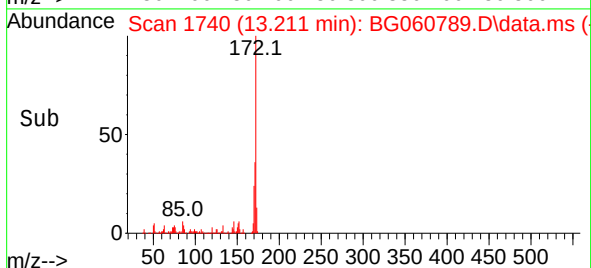
Tgt Ion:330 Resp: 153708
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 30.5 27.0 40.6

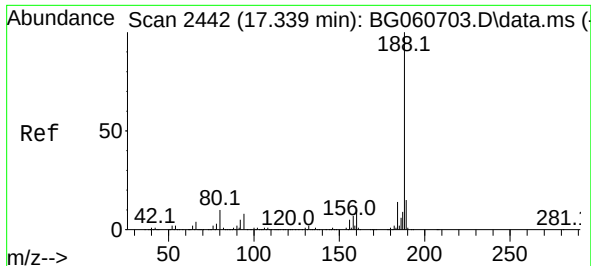


#45
2-Fluorobiphenyl
Concen: 42.391 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12



Tgt Ion:172 Resp: 430959
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.5 19.4 29.0

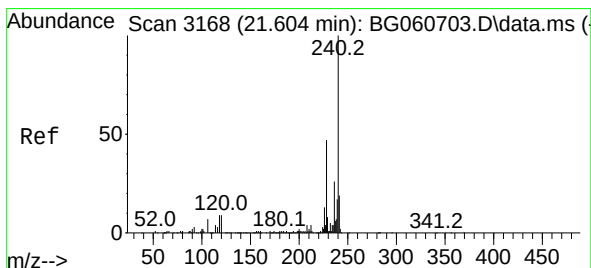
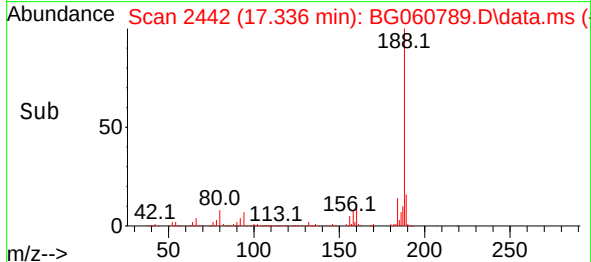
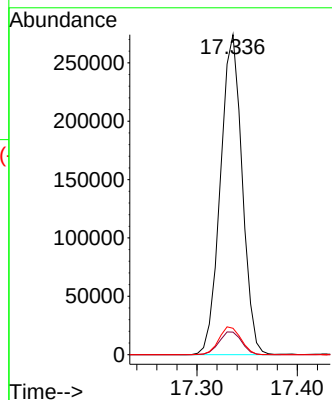
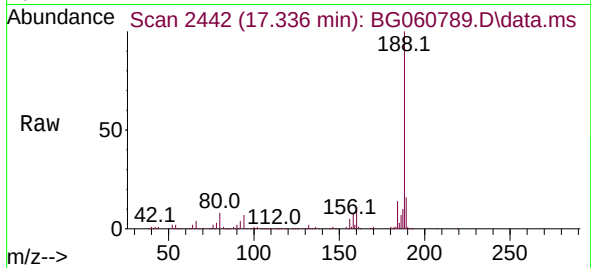




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

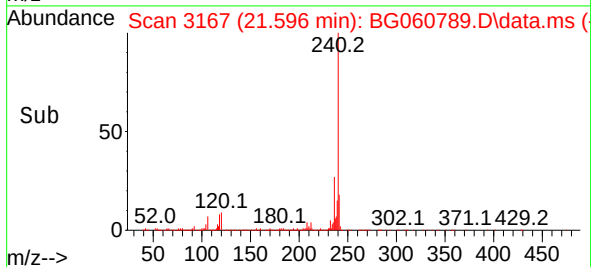
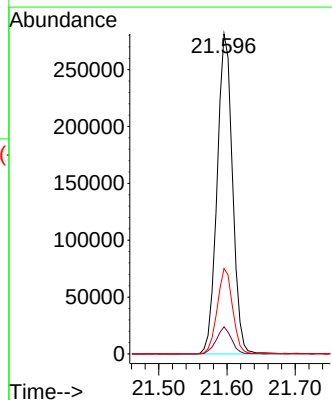
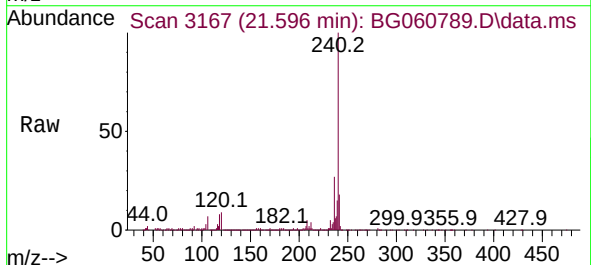
Instrument :
BNA_G
ClientSampleId :
PB159944TB

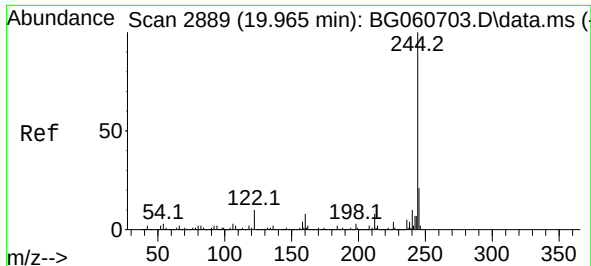
Tgt Ion:188 Resp: 412267
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:240 Resp: 442302
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.7 20.7 31.1





#79

Terphenyl-d14

Concen: 44.633 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060789.D

Acq: 5 Apr 2024 10:12

Instrument :

BNA_G

ClientSampleId :

PB159944TB

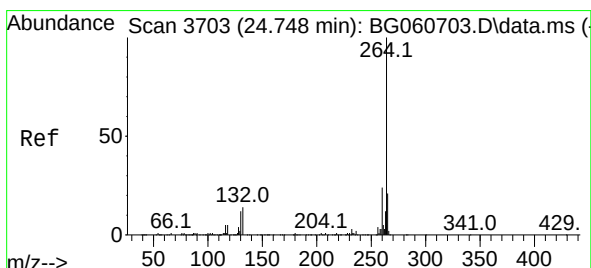
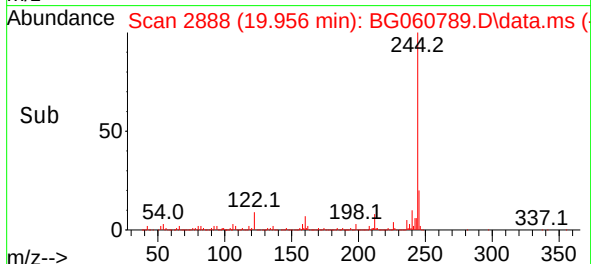
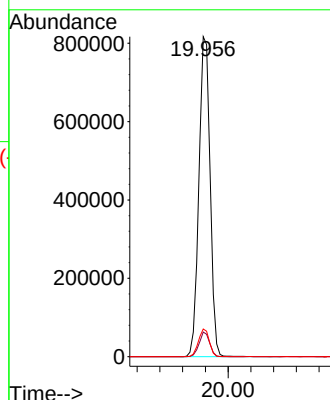
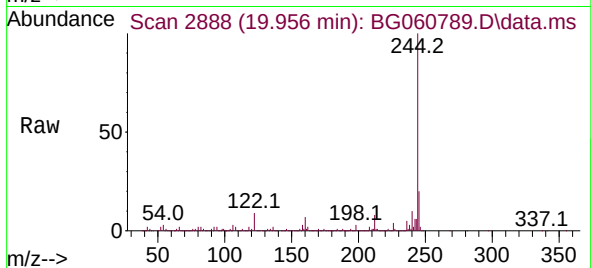
Tgt Ion:244 Resp: 1121128

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 8.6 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.739 min Scan# 3702

Delta R.T. -0.009 min

Lab File: BG060789.D

Acq: 5 Apr 2024 10:12

Tgt Ion:264 Resp: 501080

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.2 16.9 25.3

