

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060807.D
 Acq On : 6 Apr 2024 12:10
 Operator : MA/JU
 Sample : P1995-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280648

Quant Time: Apr 08 02:03:21 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	7.954	152	52946	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	200176	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	156566	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	386856	20.000	ng	0.00
76) Chrysene-d12	21.591	240	385156	20.000	ng	-0.01
86) Perylene-d12	24.734	264	439858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	369848	116.369	ng	0.00
7) Phenol-d6	7.114	99	460885	97.692	ng	0.00
23) Nitrobenzene-d5	9.105	82	351832	100.292	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	320092	180.102	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	881776	82.657	ng	-0.01
79) Terphenyl-d14	19.957	244	1897302	86.740	ng	0.00

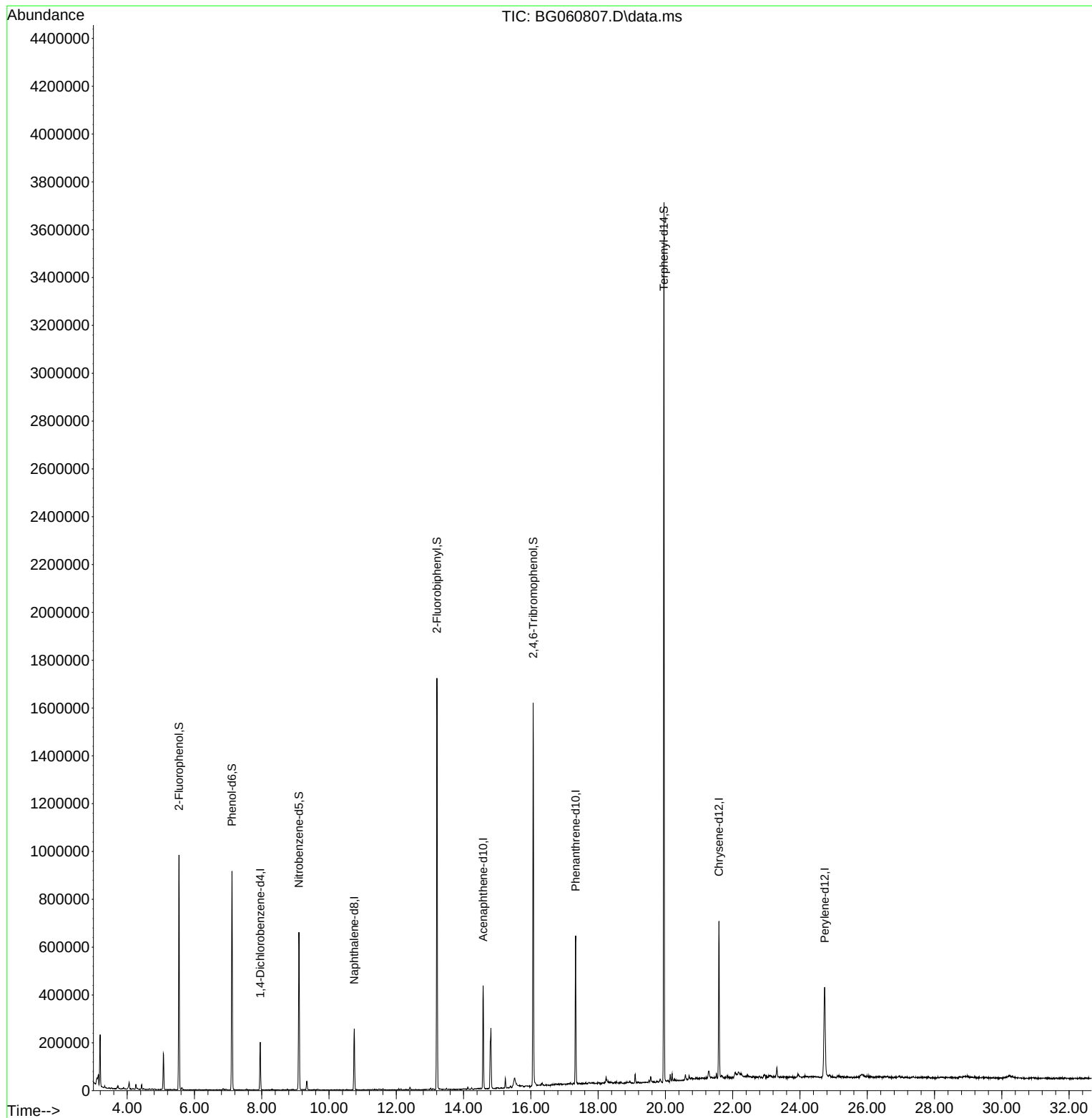
Target Compounds	Qvalue

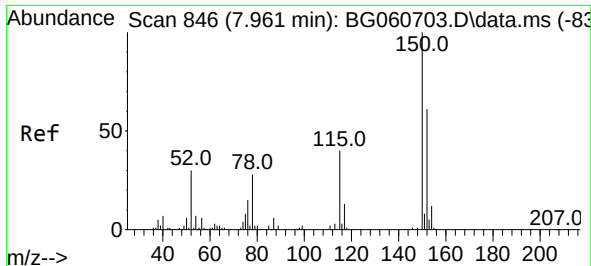
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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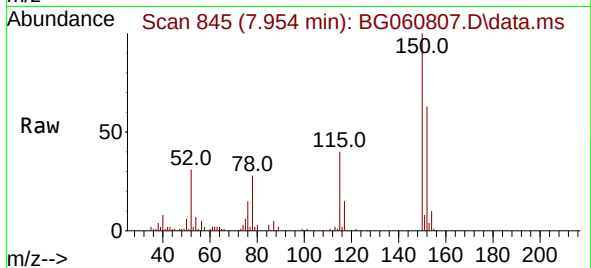
Quant Time: Apr 08 02:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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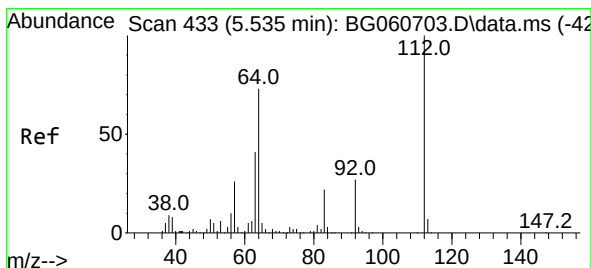
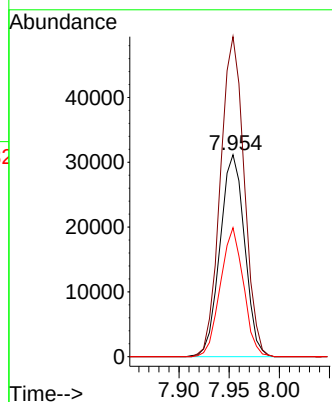
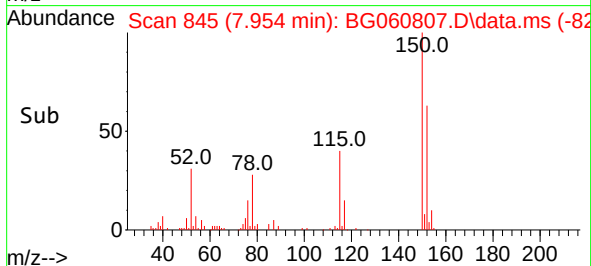


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Instrument :
BNA_G
ClientSampleId :
280648

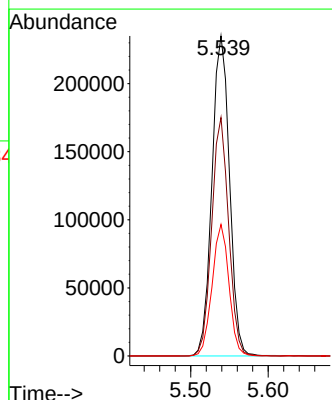
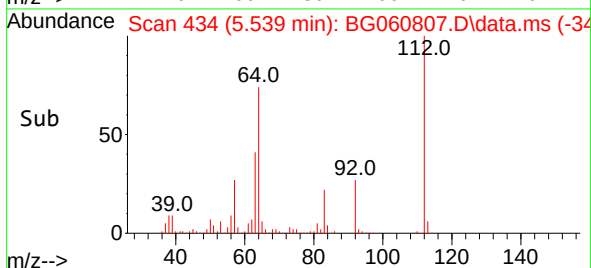
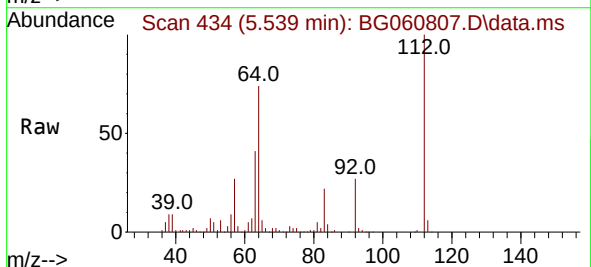


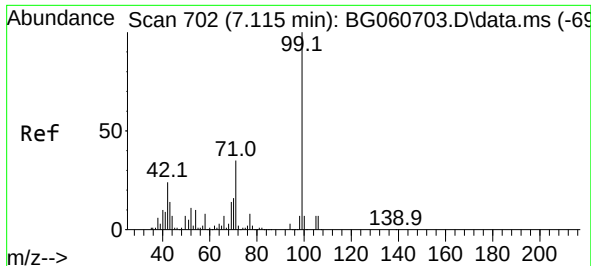
Tgt Ion:152 Resp: 52946
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.4
115 63.9 51.6 77.4



#5
2-Fluorophenol
Concen: 116.369 ng
RT: 5.539 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Tgt Ion:112 Resp: 369848
Ion Ratio Lower Upper
112 100
64 74.5 58.4 87.6
63 41.1 32.7 49.1

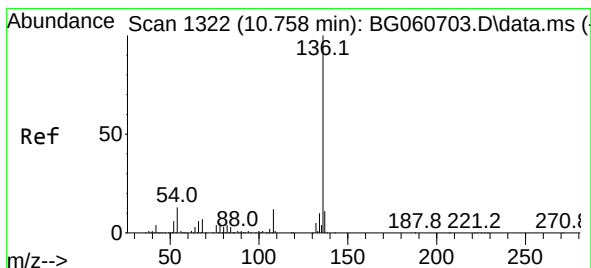
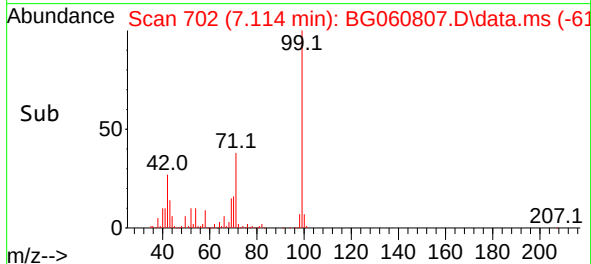
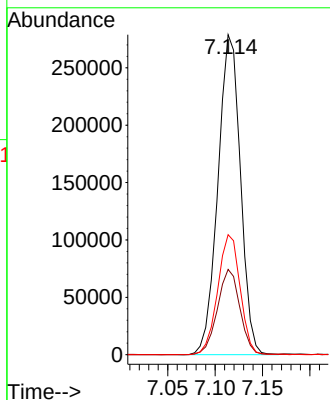
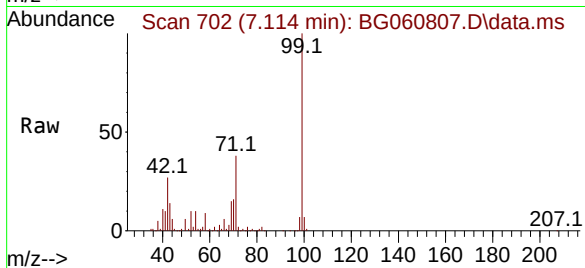




#7
Phenol-d6
Concen: 97.692 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

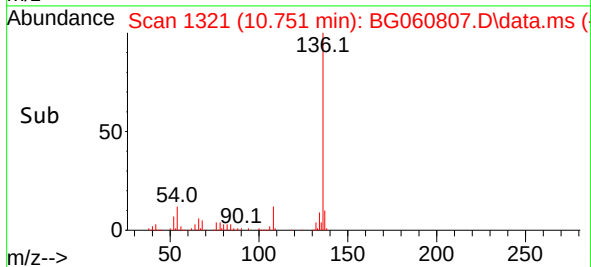
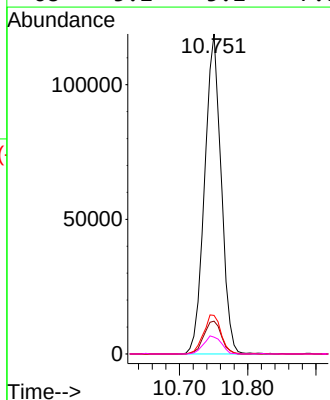
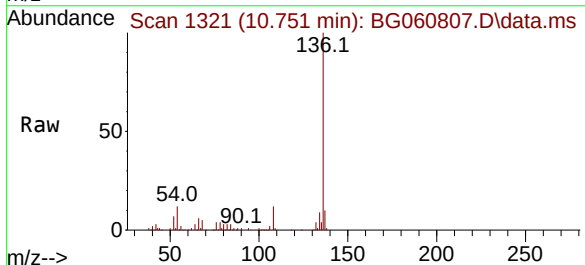
Instrument :
BNA_G
ClientSampleId :
280648

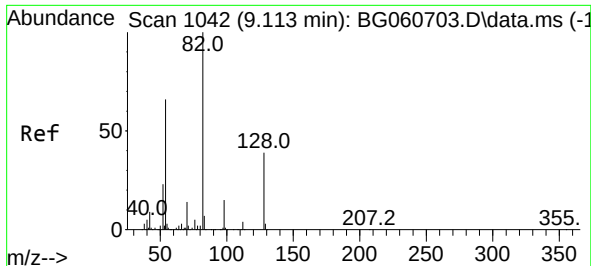
Tgt Ion: 99 Resp: 460885
Ion Ratio Lower Upper
99 100
42 26.7 19.4 29.2
71 37.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1321
Delta R.T. -0.007 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Tgt Ion:136 Resp: 200176
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 12.1 10.2 15.2
68 5.2 5.2 7.8

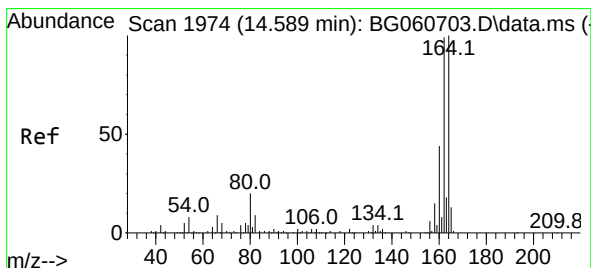
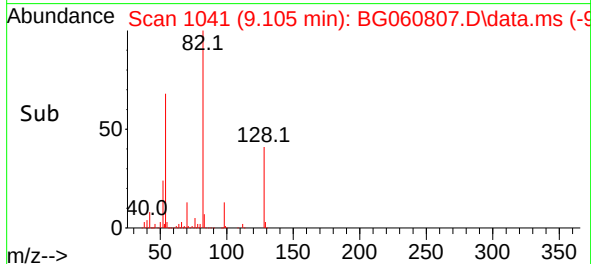
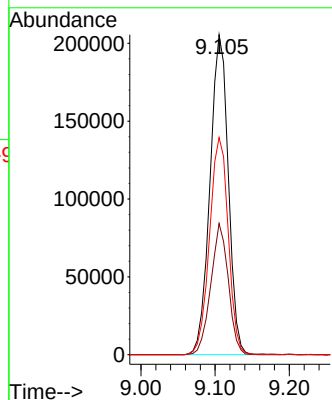
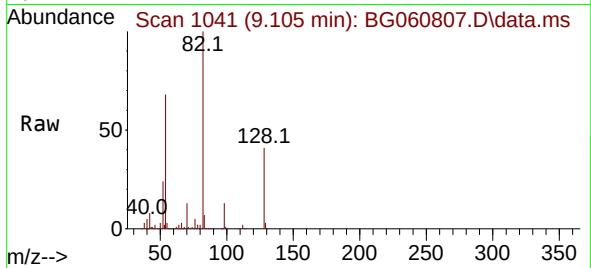




#23
Nitrobenzene-d5
Concen: 100.292 ng
RT: 9.105 min Scan# 1042
Delta R.T. -0.008 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

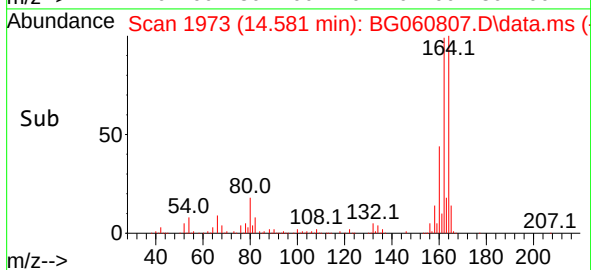
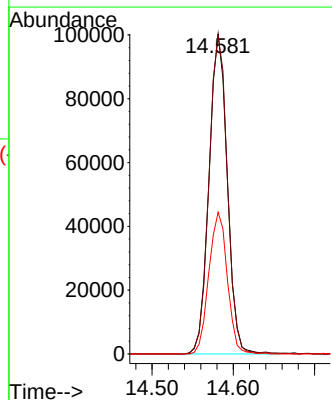
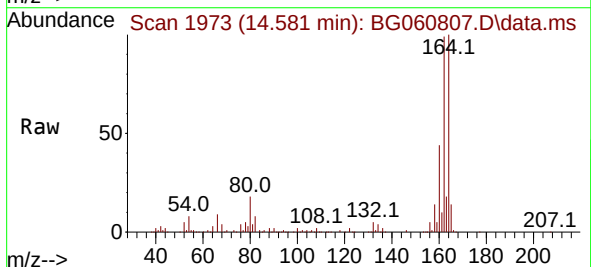
Instrument :
BNA_G
ClientSampleId :
280648

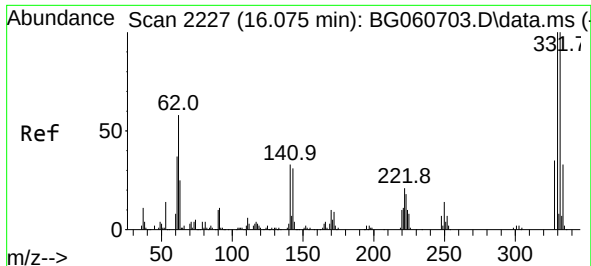
Tgt Ion: 82 Resp: 351832
Ion Ratio Lower Upper
82 100
128 41.0 31.2 46.8
54 67.9 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Tgt Ion:164 Resp: 156566
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 180.102 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060807.D

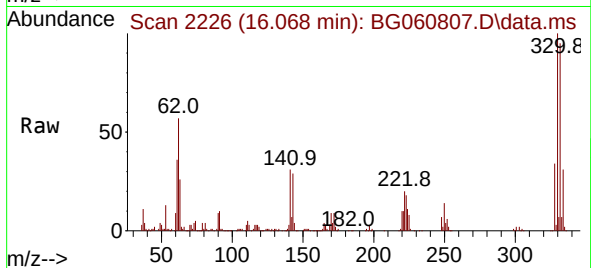
Acq: 6 Apr 2024 12:10

Instrument :

BNA_G

ClientSampleId :

280648



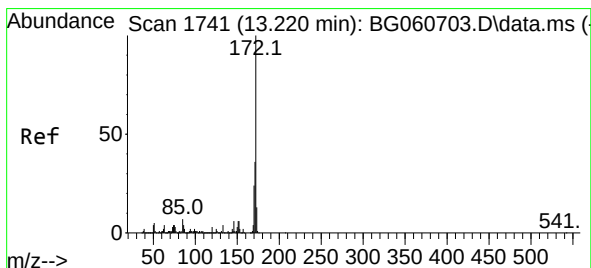
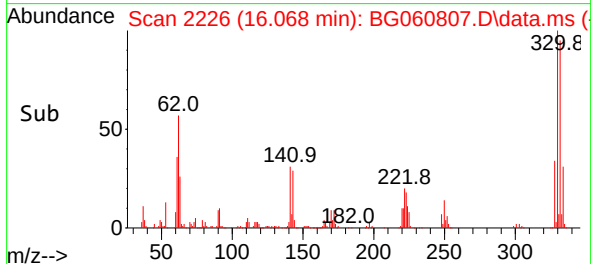
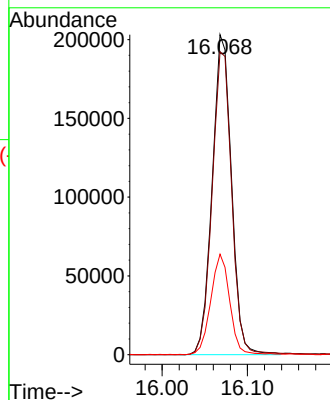
Tgt Ion:330 Resp: 320092

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

141 30.9 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 82.657 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060807.D

Acq: 6 Apr 2024 12:10

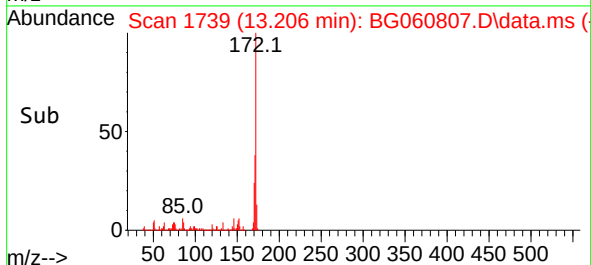
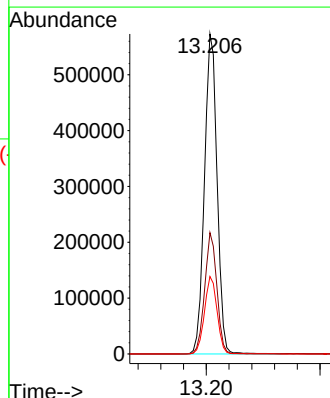
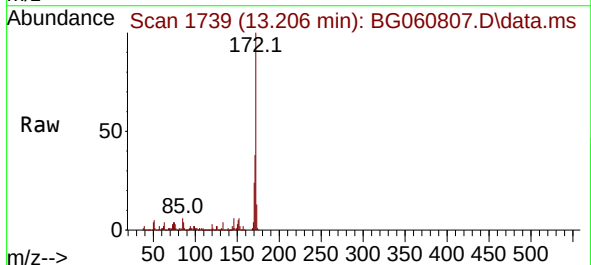
Tgt Ion:172 Resp: 881776

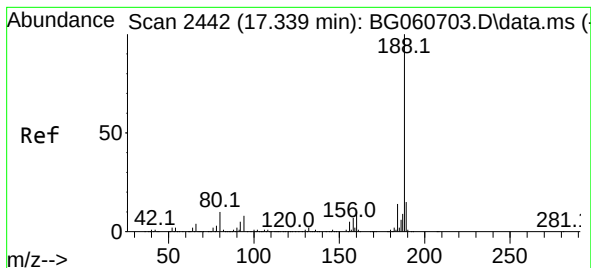
Ion Ratio Lower Upper

172 100

171 37.9 28.7 43.1

170 24.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.331 min Scan# 2441

Delta R.T. -0.008 min

Lab File: BG060807.D

Acq: 6 Apr 2024 12:10

Instrument :

BNA_G

ClientSampleId :

280648

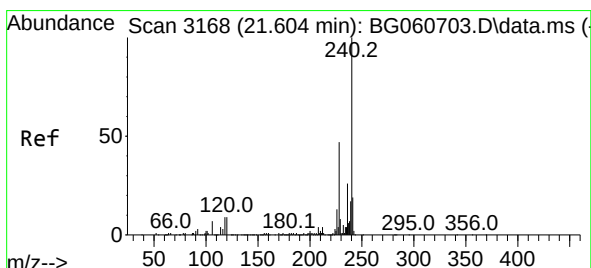
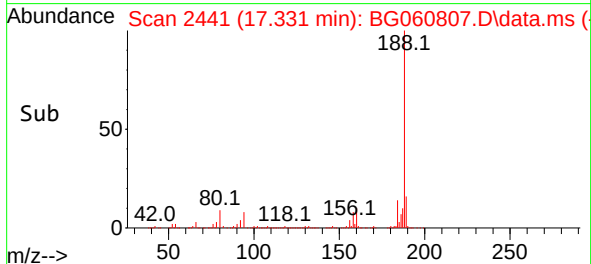
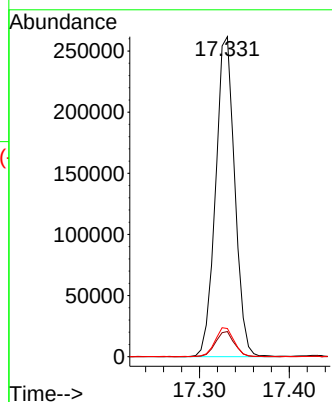
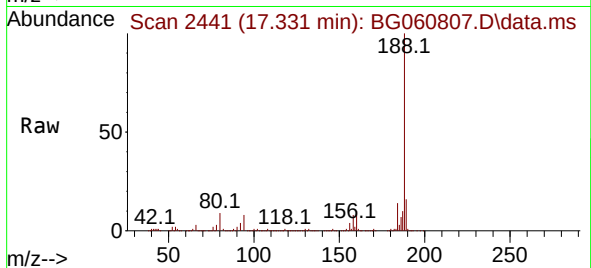
Tgt Ion:188 Resp: 386856

Ion Ratio Lower Upper

188 100

94 7.8 6.6 9.8

80 8.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.591 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060807.D

Acq: 6 Apr 2024 12:10

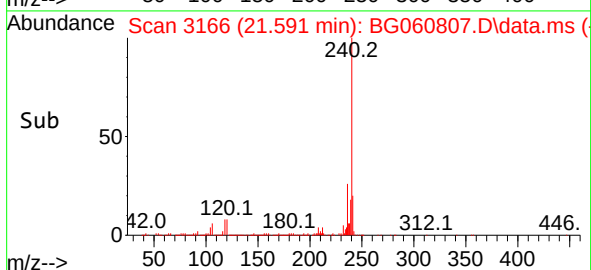
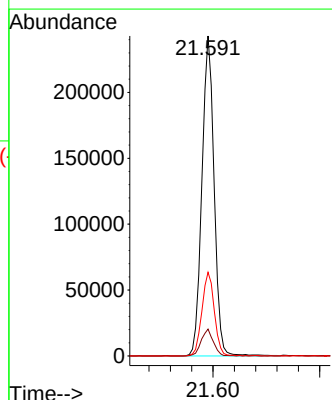
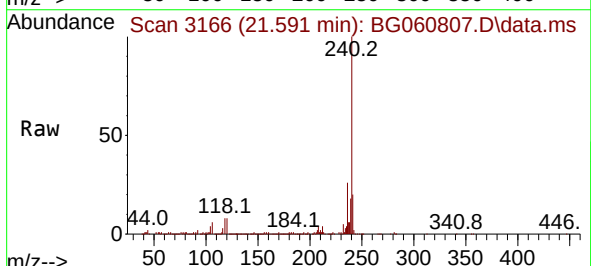
Tgt Ion:240 Resp: 385156

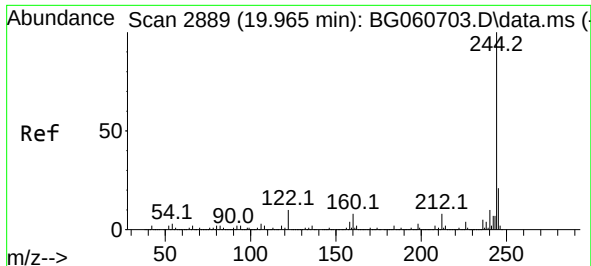
Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

236 26.2 20.7 31.1

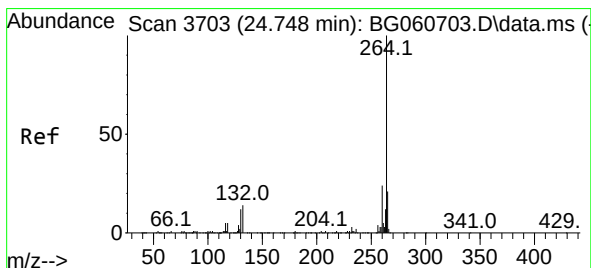
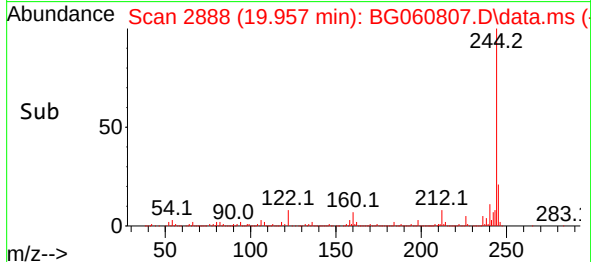
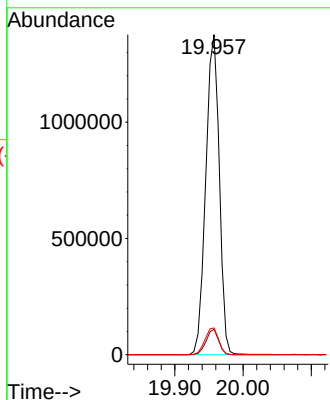
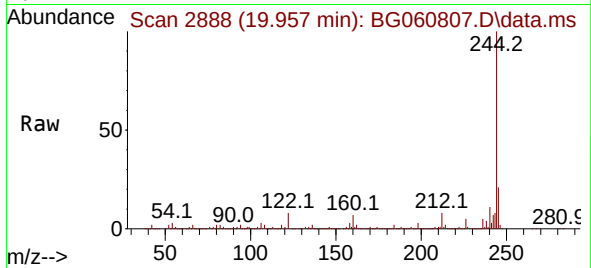




#79
 Terphenyl-d14
 Concen: 86.740 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060807.D
 Acq: 6 Apr 2024 12:10

Instrument :
 BNA_G
 ClientSampleId :
 280648

Tgt Ion:244 Resp: 1897302
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 8.4 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: BG060807.D
 Acq: 6 Apr 2024 12:10

Tgt Ion:264 Resp: 439858
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 16.9 25.3

