

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
Data File : BG060800.D
Acq On : 5 Apr 2024 17:45
Operator : MA/JU
Sample : P1996-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP2

Quant Time: Apr 05 18:17:21 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	7.950	152	60533	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	231866	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	180095	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	443642	20.000	ng	-0.01
76) Chrysene-d12	21.592	240	421608	20.000	ng	-0.01
86) Perylene-d12	24.730	264	495721	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	282636	77.782	ng	0.00
7) Phenol-d6	7.115	99	381435	70.718	ng	0.00
23) Nitrobenzene-d5	9.101	82	247542	60.919	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	216971	106.131	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	619070	50.449	ng	-0.01
79) Terphenyl-d14	19.953	244	1241697	51.859	ng	-0.01

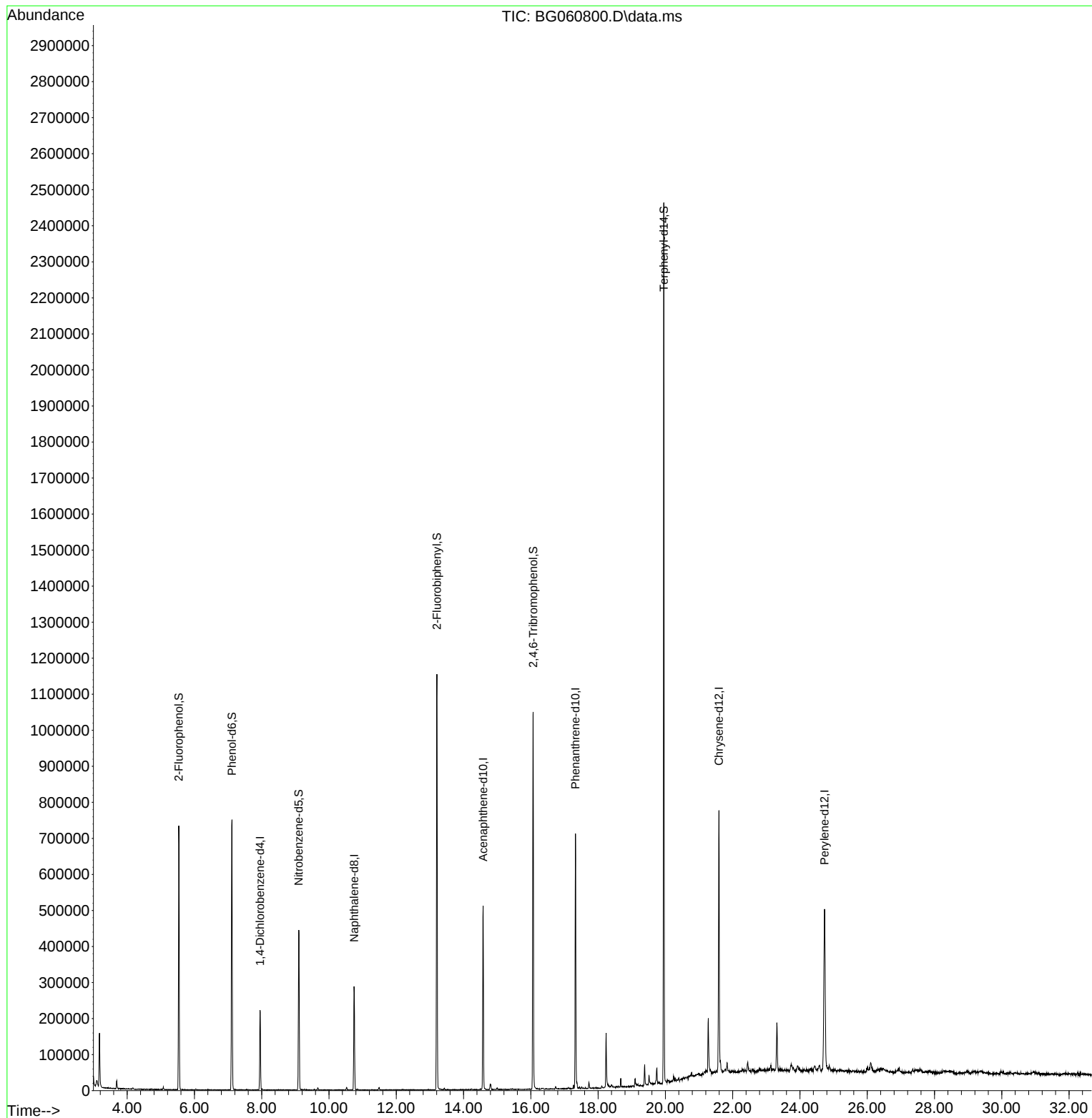
Target Compounds	Qvalue
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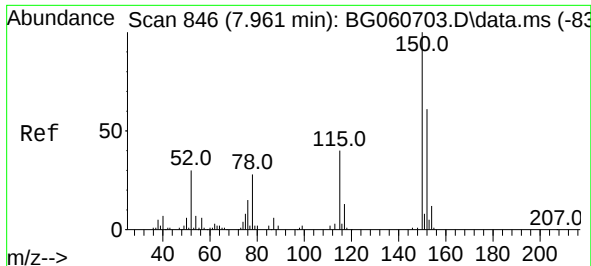
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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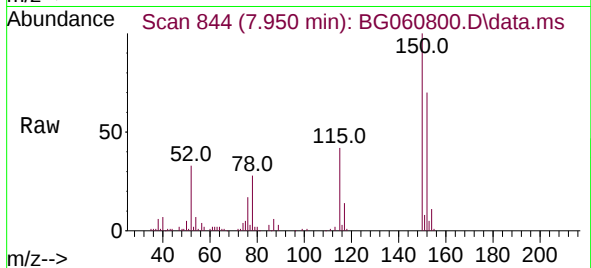
Quant Time: Apr 05 18:17:21 2024
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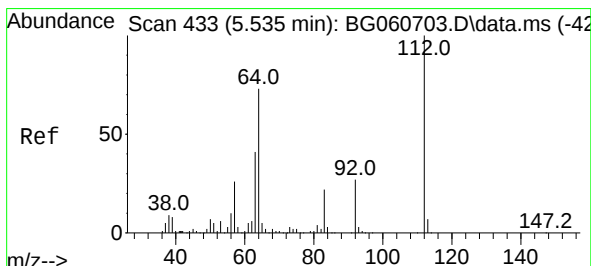
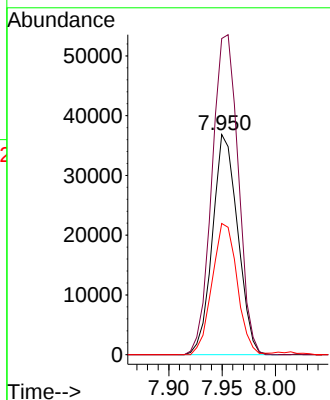
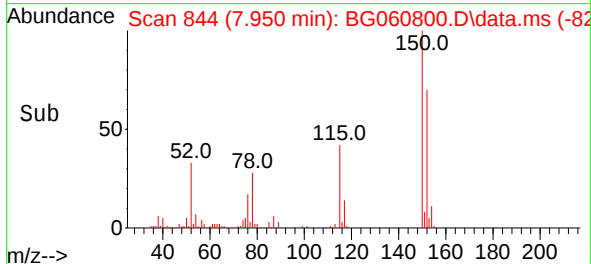


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Instrument :
BNA_G
ClientSampleId :
TP2

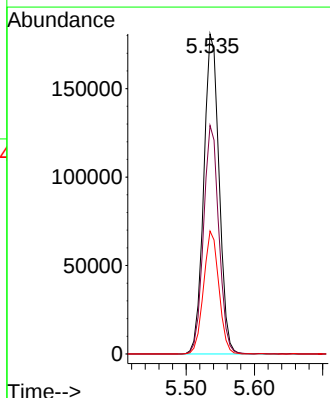
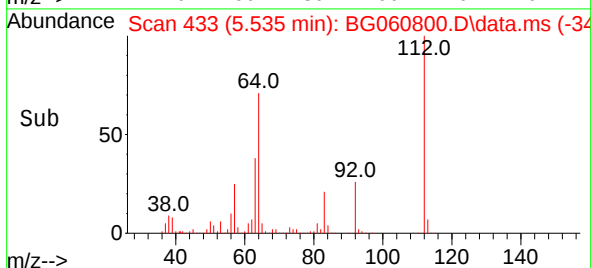
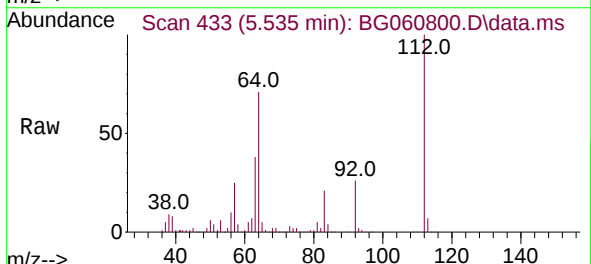


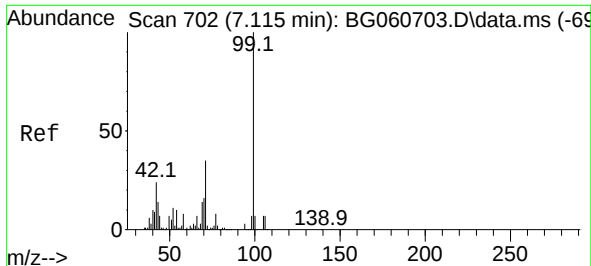
Tgt Ion:152 Resp: 60533
Ion Ratio Lower Upper
152 100
150 143.7 130.2 195.4
115 59.6 51.6 77.4



#5
2-Fluorophenol
Concen: 77.782 ng
RT: 5.535 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion:112 Resp: 282636
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 38.4 32.7 49.1

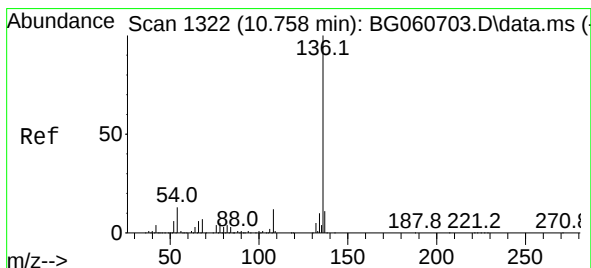
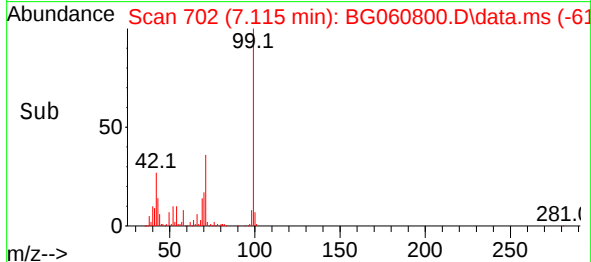
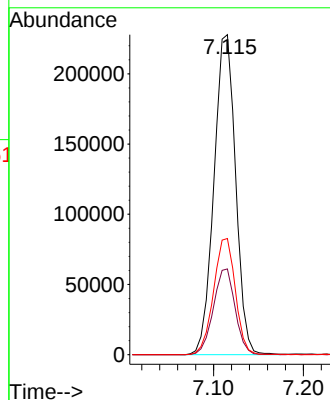
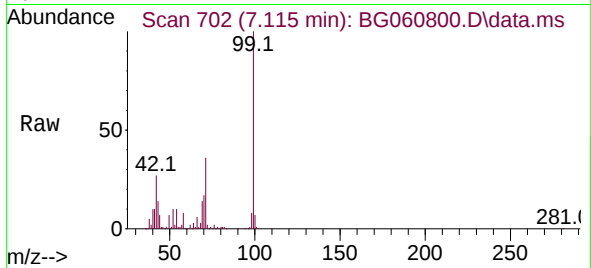




#7
Phenol-d6
Concen: 70.718 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

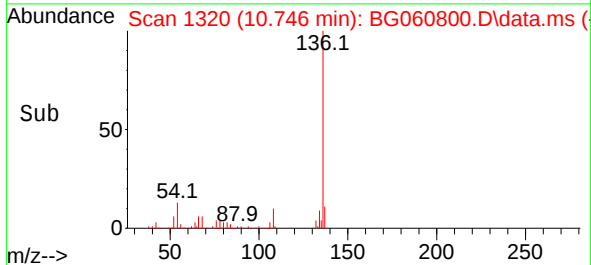
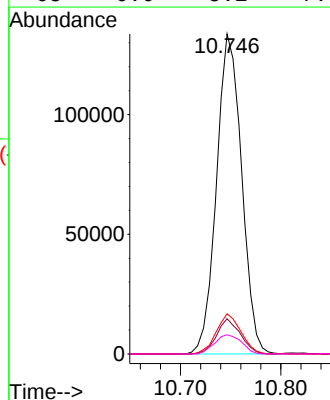
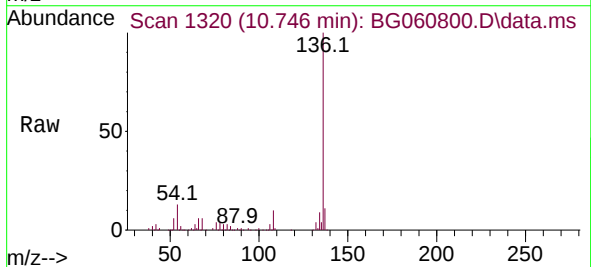
Instrument :
BNA_G
ClientSampleId :
TP2

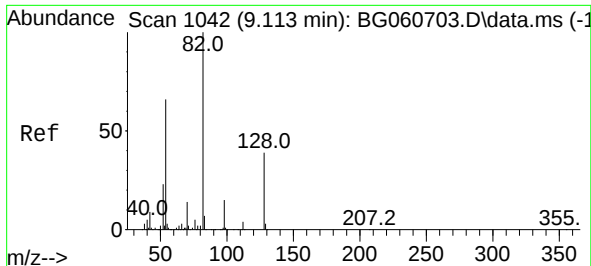
Tgt Ion: 99 Resp: 381435
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 36.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion:136 Resp: 231866
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.5 10.2 15.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 60.919 ng

RT: 9.101 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BG060800.D

Acq: 5 Apr 2024 17:45

Instrument :

BNA_G

ClientSampleId :

TP2

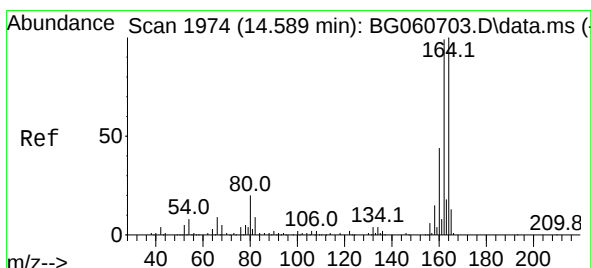
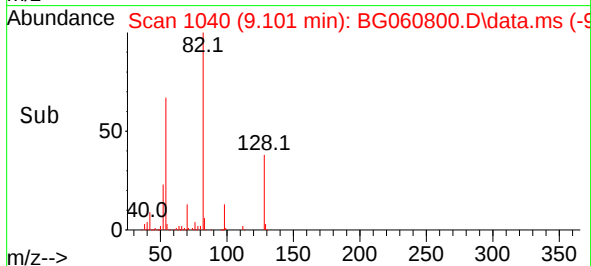
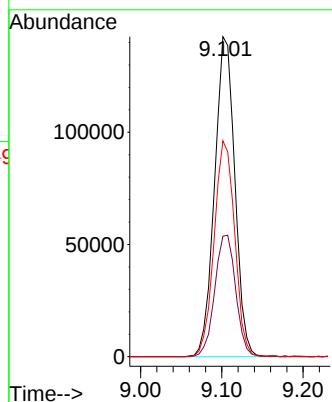
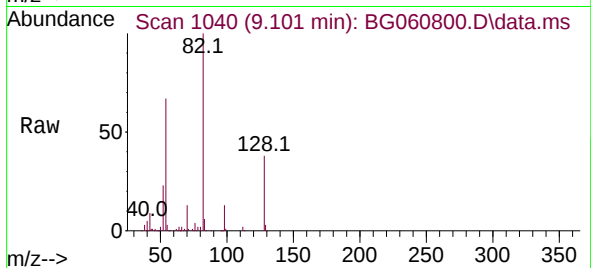
Tgt Ion: 82 Resp: 247542

Ion Ratio Lower Upper

82 100

128 37.6 31.2 46.8

54 67.5 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG060800.D

Acq: 5 Apr 2024 17:45

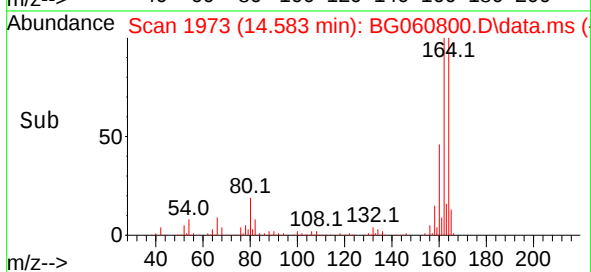
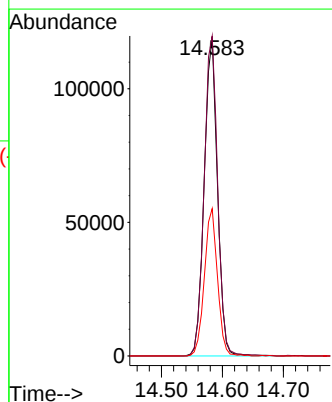
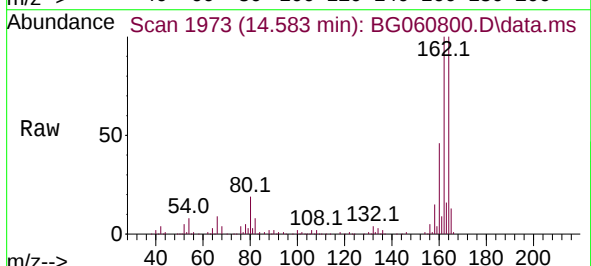
Tgt Ion:164 Resp: 180095

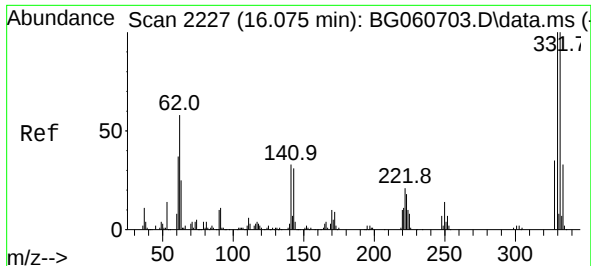
Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 46.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 106.131 ng

RT: 16.070 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060800.D

Acq: 5 Apr 2024 17:45

Instrument :

BNA_G

ClientSampleId :

TP2

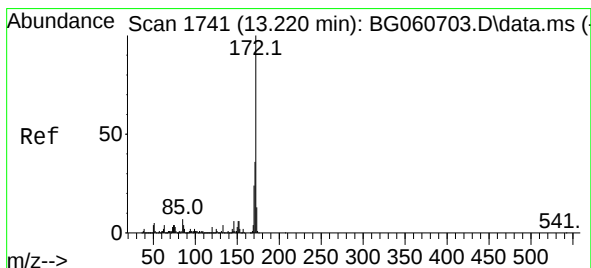
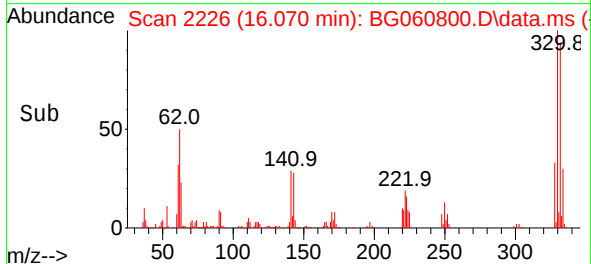
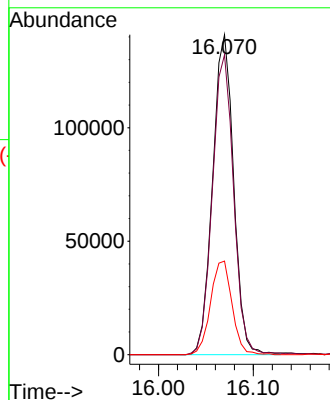
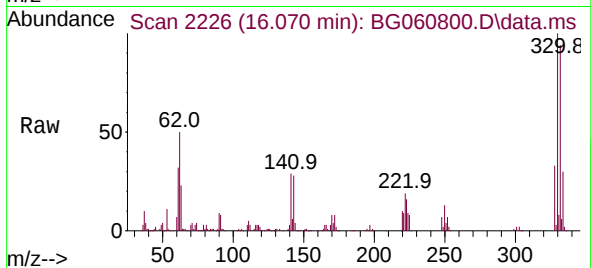
Tgt Ion:330 Resp: 216971

Ion Ratio Lower Upper

330 100

332 95.0 78.2 117.4

141 29.9 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 50.449 ng

RT: 13.208 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BG060800.D

Acq: 5 Apr 2024 17:45

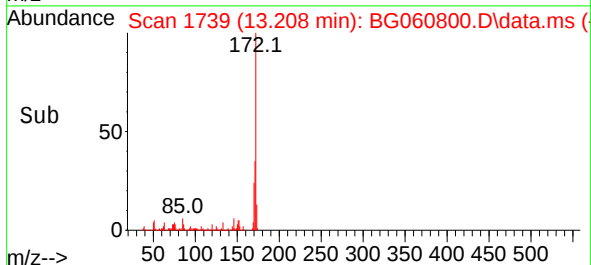
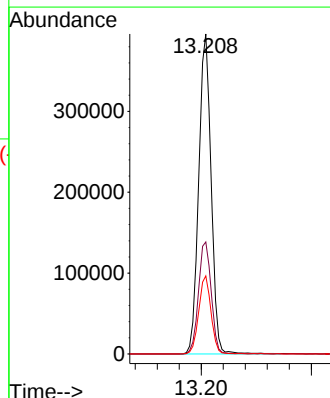
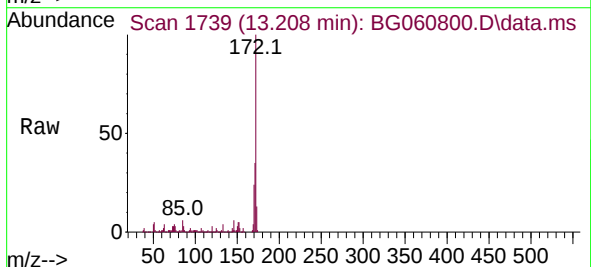
Tgt Ion:172 Resp: 619070

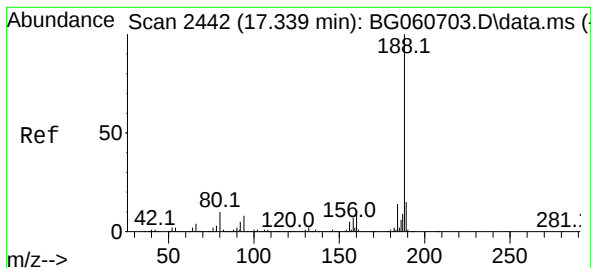
Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

170 24.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BG060800.D

Acq: 5 Apr 2024 17:45

Instrument :

BNA_G

ClientSampleId :

TP2

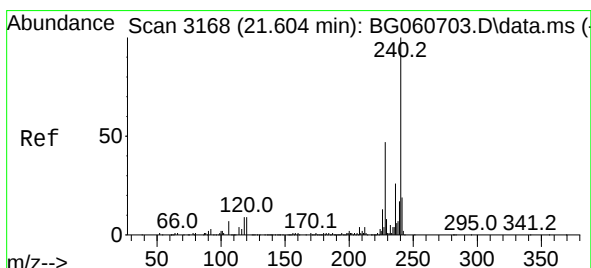
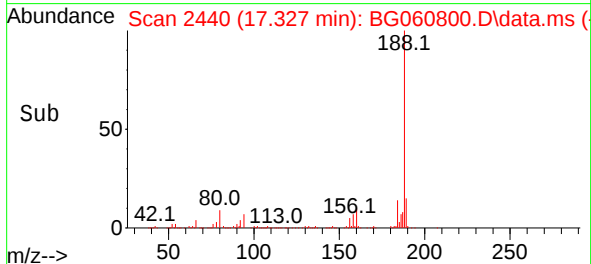
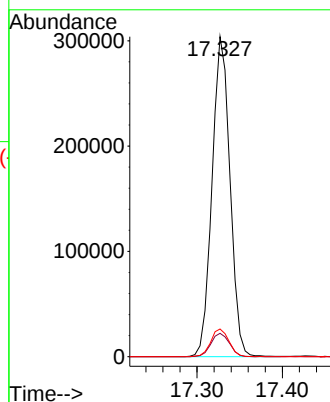
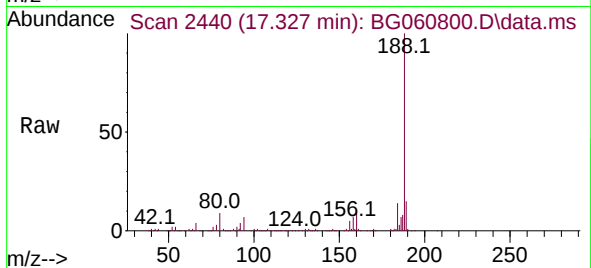
Tgt Ion:188 Resp: 443642

Ion Ratio Lower Upper

188 100

94 7.3 6.6 9.8

80 8.7 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG060800.D

Acq: 5 Apr 2024 17:45

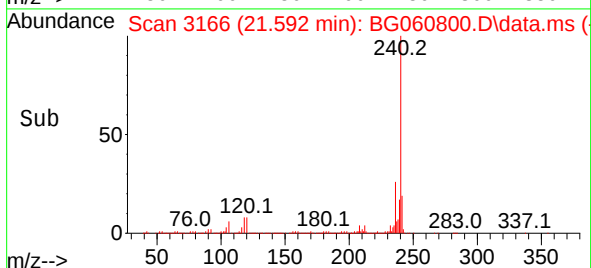
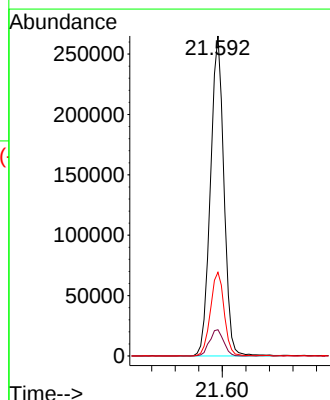
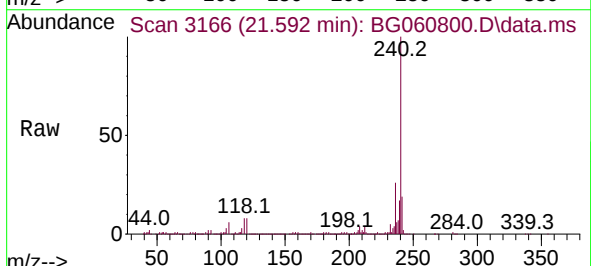
Tgt Ion:240 Resp: 421608

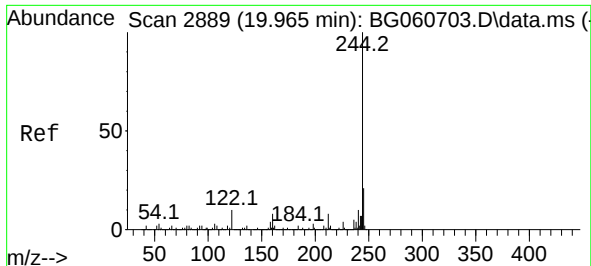
Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

236 26.2 20.7 31.1

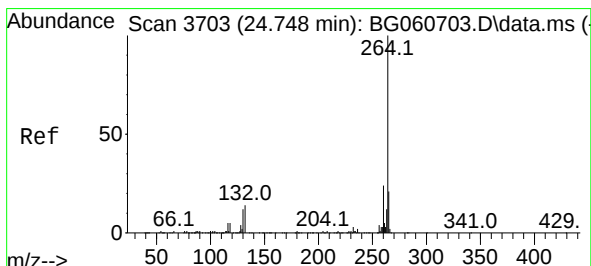
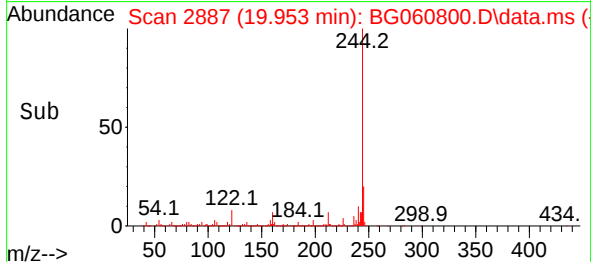
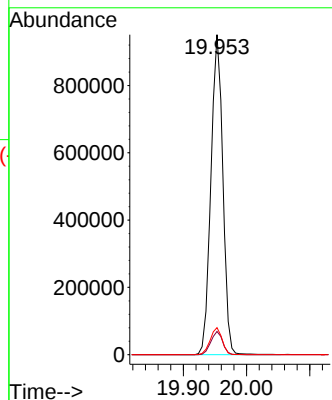
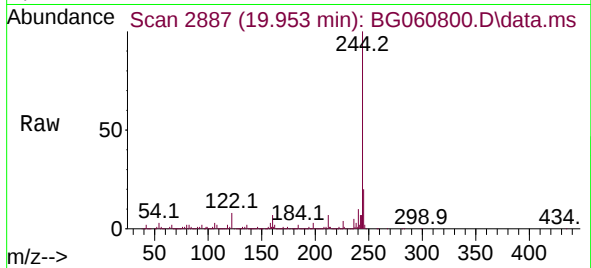




#79
 Terphenyl-d14
 Concen: 51.859 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060800.D
 Acq: 5 Apr 2024 17:45

Instrument :
 BNA_G
 ClientSampleId :
 TP2

Tgt Ion:244 Resp: 1241697
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3700
 Delta R.T. -0.018 min
 Lab File: BG060800.D
 Acq: 5 Apr 2024 17:45

Tgt Ion:264 Resp: 495721
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.5 16.9 25.3

