

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060735.D
 Acq On : 2 Apr 2024 11:20
 Operator : MA/JU
 Sample : PB159936BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159936BL

Quant Time: Apr 02 12:03:42 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	7.966	152	52986	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	205467	20.000	ng	0.00
39) Acenaphthene-d10	14.588	164	156259	20.000	ng	0.00
64) Phenanthrene-d10	17.337	188	436834	20.000	ng	0.00
76) Chrysene-d12	21.597	240	457363	20.000	ng	0.00
86) Perylene-d12	24.746	264	526110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	415096	130.507	ng	0.01
7) Phenol-d6	7.120	99	567029	120.100	ng	0.00
23) Nitrobenzene-d5	9.112	82	329798	91.590	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	294533	166.047	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	906148	85.108	ng	0.00
79) Terphenyl-d14	19.964	244	2131186	82.050	ng	0.00

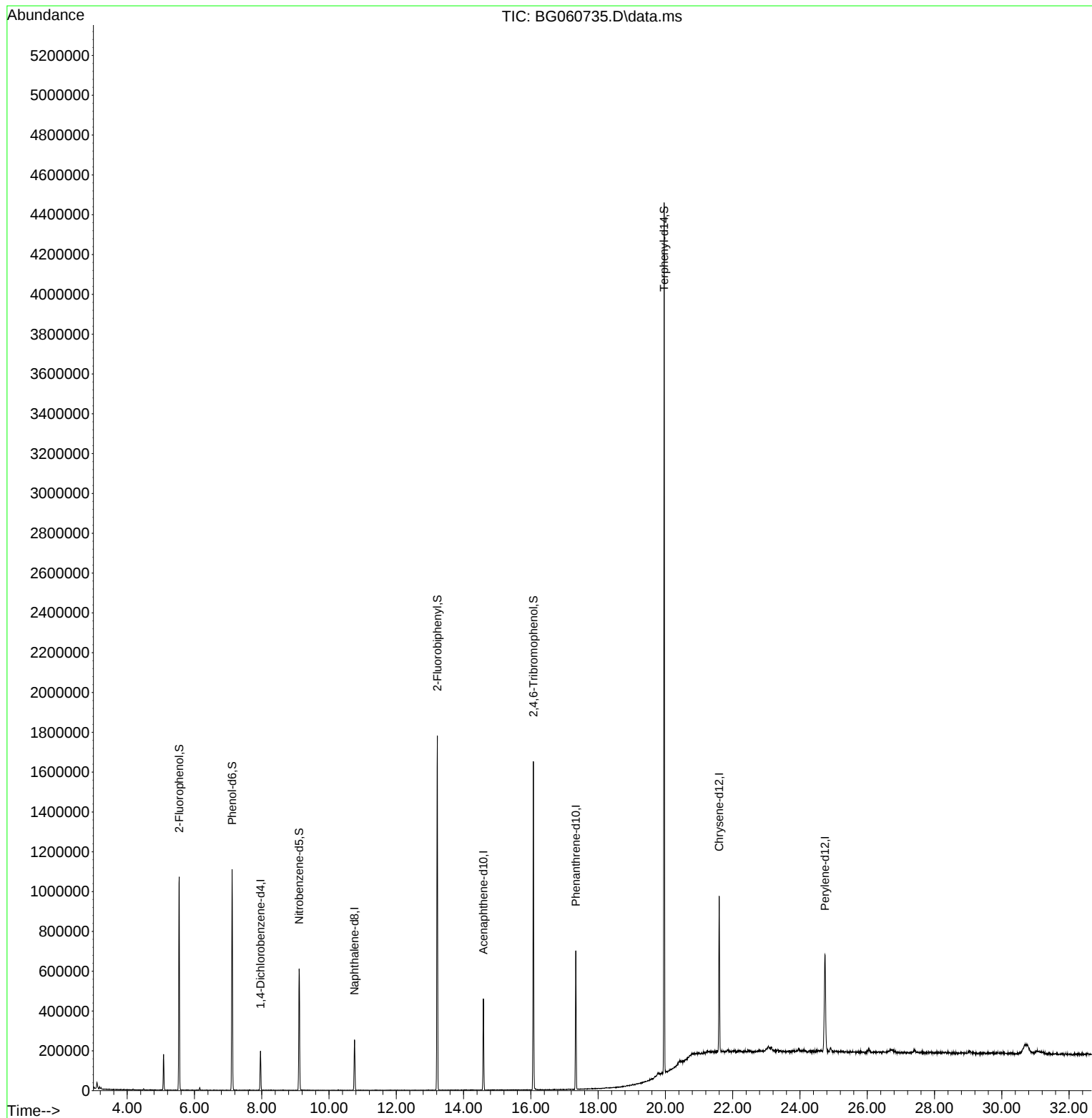
Target Compounds	Qvalue

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

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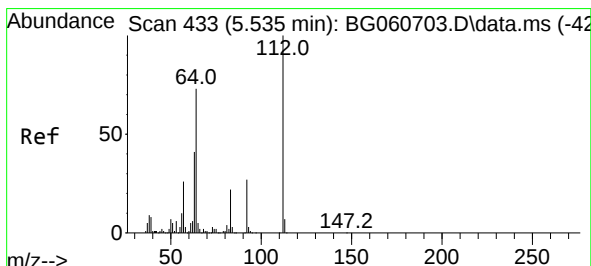
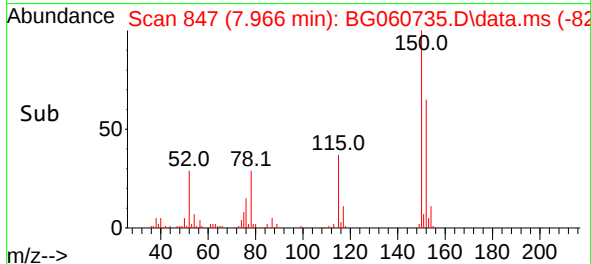
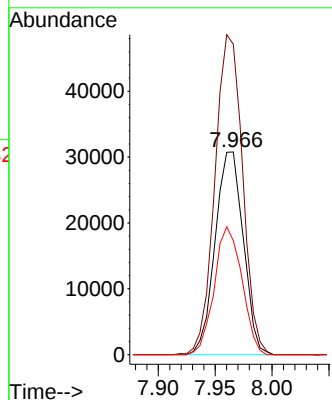
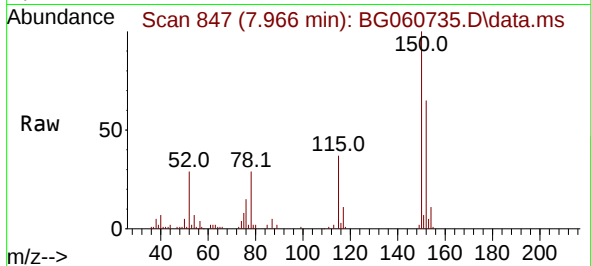




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 846
 Delta R.T. 0.005 min
 Lab File: BG060735.D
 Acq: 2 Apr 2024 11:20

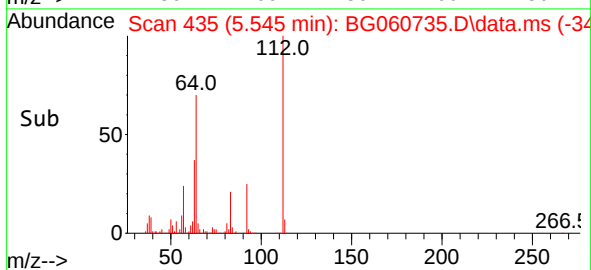
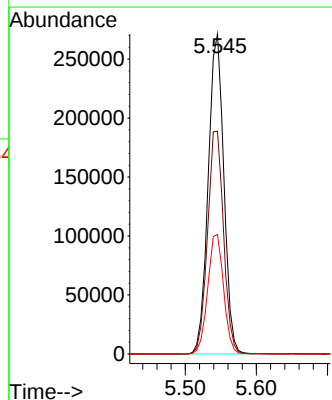
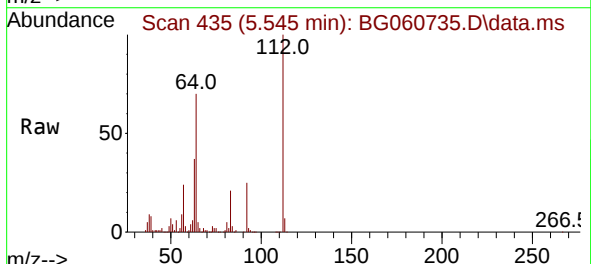
Instrument :
 BNA_G
 ClientSampleId :
 PB159936BL

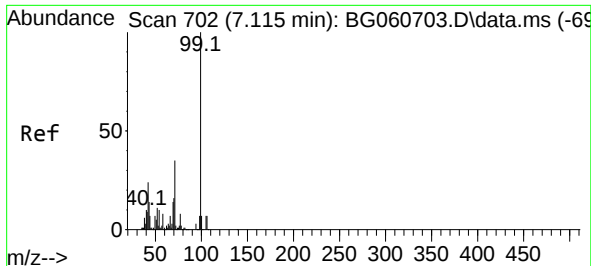
Tgt Ion:152 Resp: 52986
 Ion Ratio Lower Upper
 152 100
 150 153.1 130.2 195.4
 115 56.2 51.6 77.4



#5
 2-Fluorophenol
 Concen: 130.507 ng
 RT: 5.545 min Scan# 435
 Delta R.T. 0.010 min
 Lab File: BG060735.D
 Acq: 2 Apr 2024 11:20

Tgt Ion:112 Resp: 415096
 Ion Ratio Lower Upper
 112 100
 64 69.6 58.4 87.6
 63 37.4 32.7 49.1

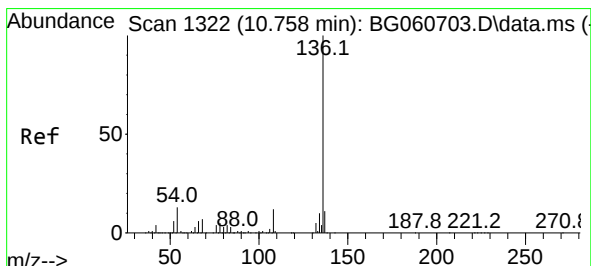
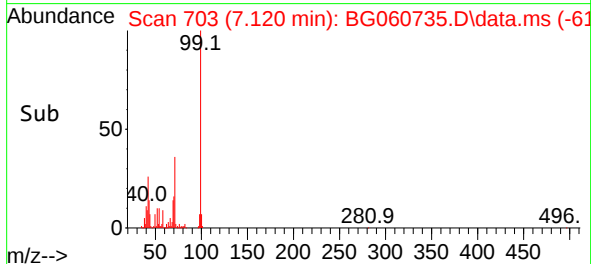
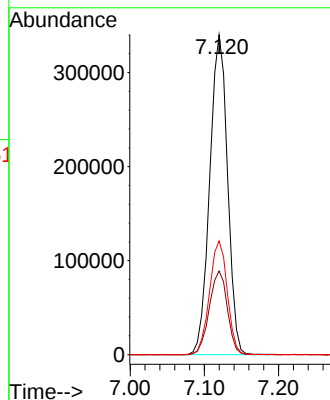
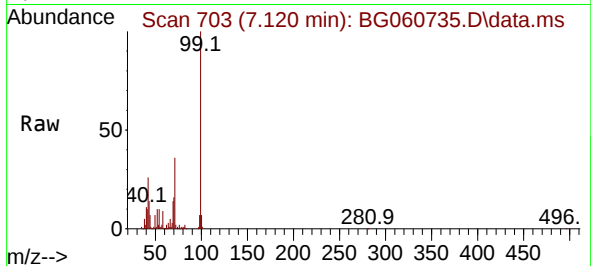




#7
Phenol-d6
Concen: 120.100 ng
RT: 7.120 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

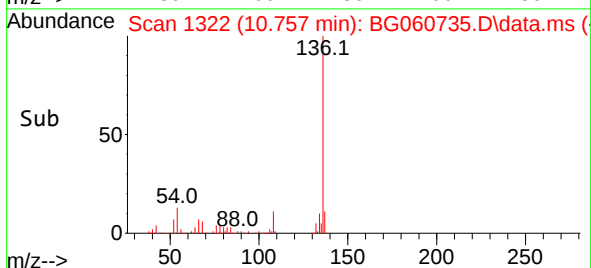
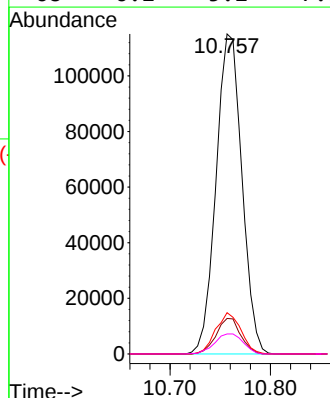
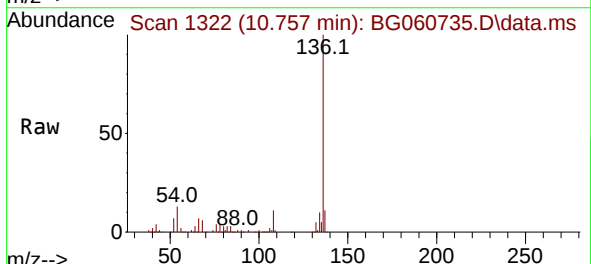
Instrument :
BNA_G
ClientSampleId :
PB159936BL

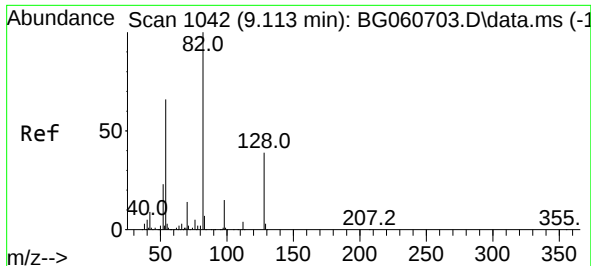
Tgt Ion: 99 Resp: 567029
Ion Ratio Lower Upper
99 100
42 26.2 19.4 29.2
71 35.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1322
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Tgt Ion: 136 Resp: 205467
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.9 10.2 15.2
68 6.2 5.2 7.8





#23
Nitrobenzene-d5
Concen: 91.590 ng
RT: 9.112 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

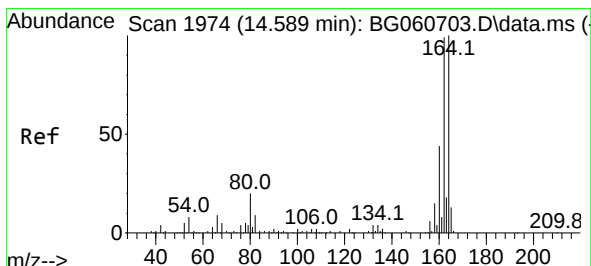
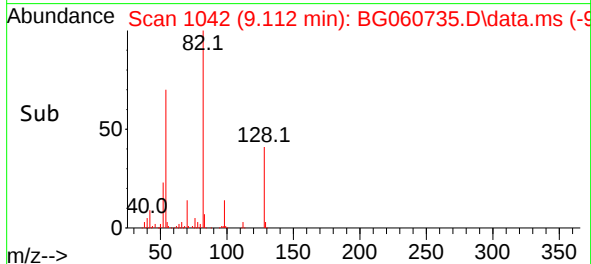
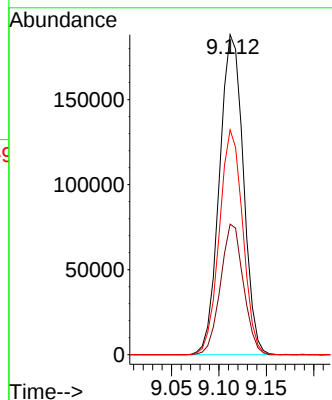
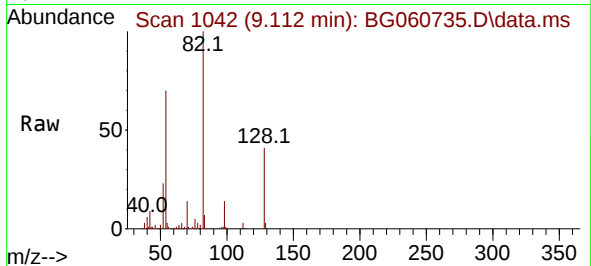
Instrument :

BNA_G

ClientSampleId :

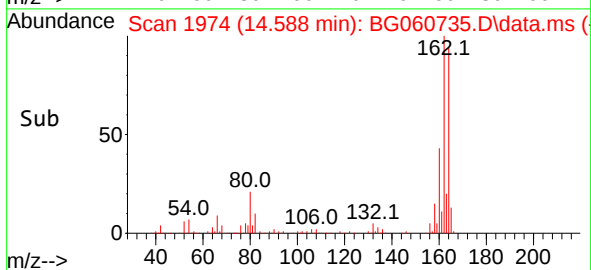
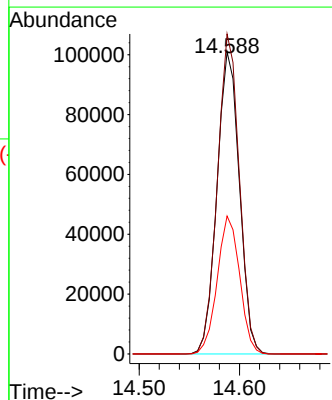
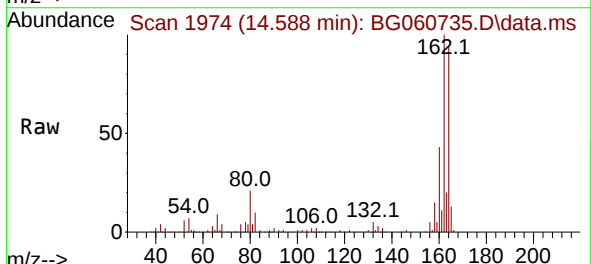
PB159936BL

Tgt Ion: 82 Resp: 329798
Ion Ratio Lower Upper
82 100
128 40.8 31.2 46.8
54 70.3 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.588 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

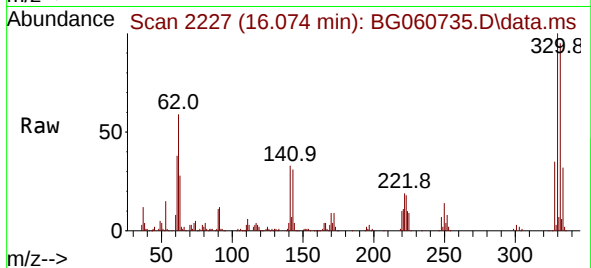
Tgt Ion:164 Resp: 156259
Ion Ratio Lower Upper
164 100
162 105.9 79.5 119.3
160 45.7 35.4 53.0



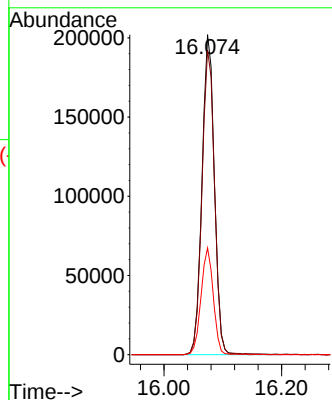
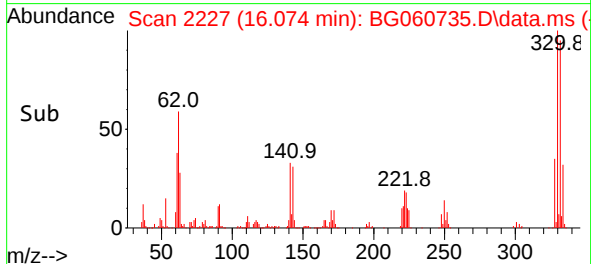


#42
2,4,6-Tribromophenol
Concen: 166.047 ng
RT: 16.074 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

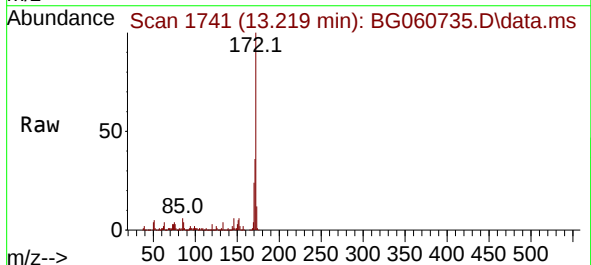
Instrument :
BNA_G
ClientSampleId :
PB159936BL



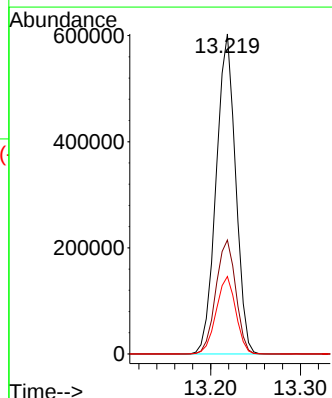
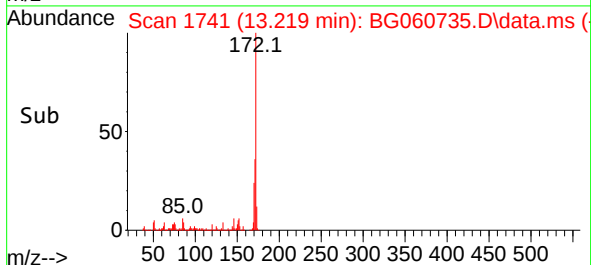
Tgt Ion:330 Resp: 294533
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 33.0 27.0 40.6

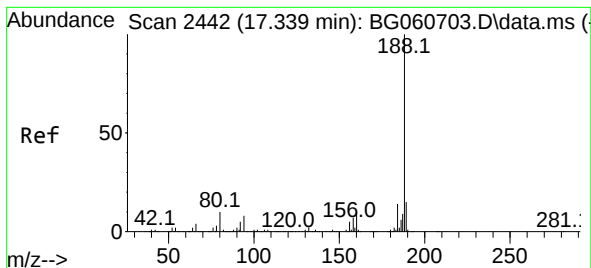


#45
2-Fluorobiphenyl
Concen: 85.108 ng
RT: 13.219 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20



Tgt Ion:172 Resp: 906148
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.2 19.4 29.0

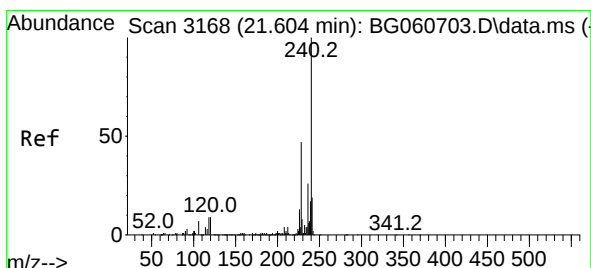
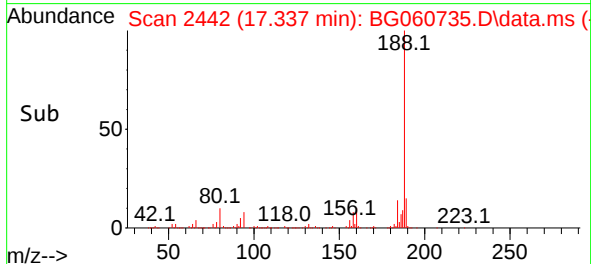
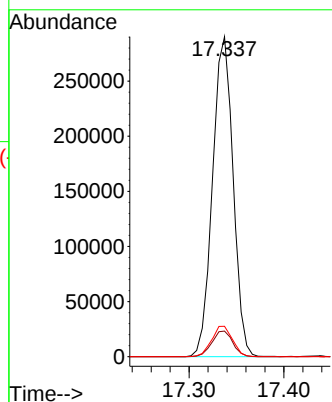
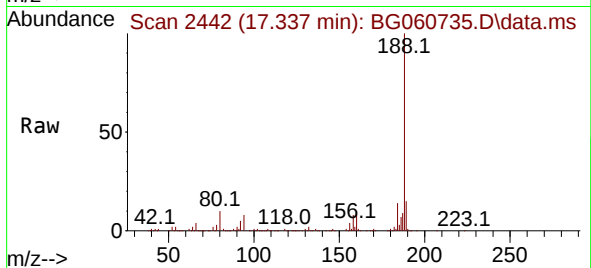




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.337 min Scan# 2442
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

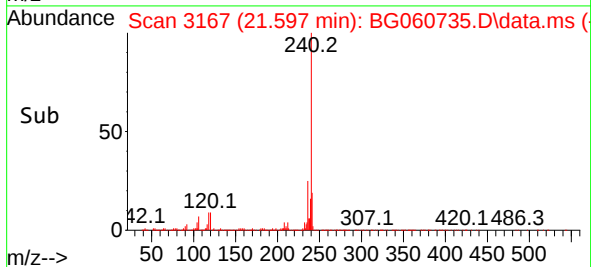
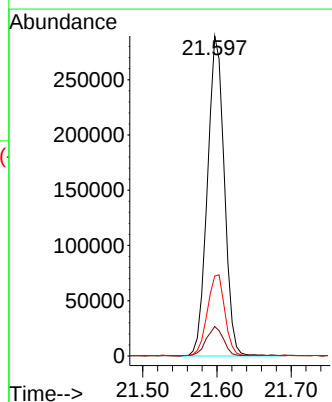
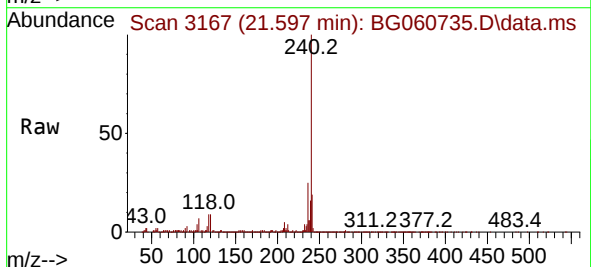
Instrument :
BNA_G
ClientSampleId :
PB159936BL

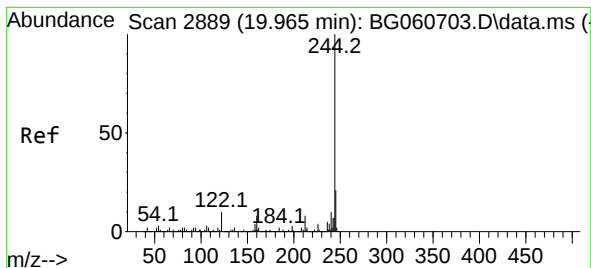
Tgt Ion:188 Resp: 436834
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 9.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.597 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Tgt Ion:240 Resp: 457363
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 82.050 ng

RT: 19.964 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

Instrument :

BNA_G

ClientSampleId :

PB159936BL

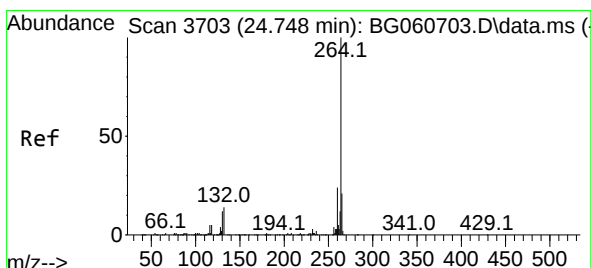
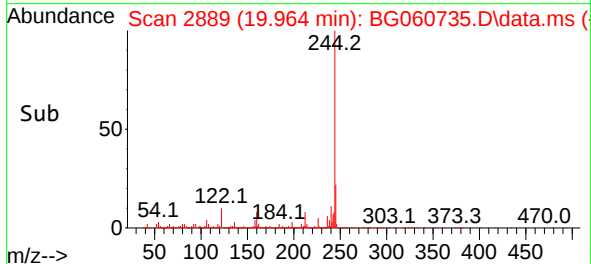
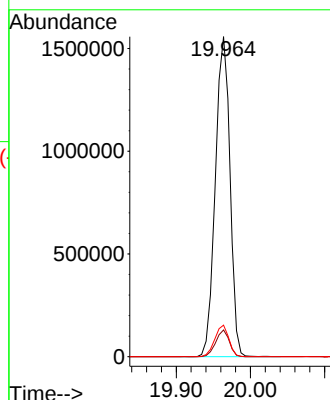
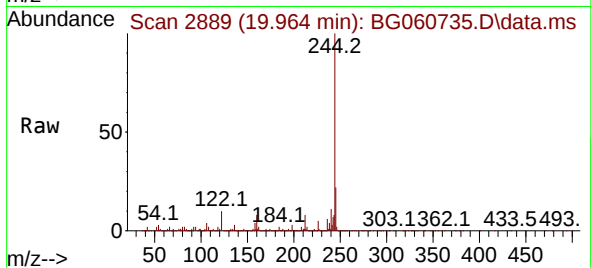
Tgt Ion:244 Resp: 2131186

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

122 9.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.746 min Scan# 3703

Delta R.T. -0.001 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

Tgt Ion:264 Resp: 526110

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.9 16.9 25.3

