

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060860.D
Acq On : 11 Apr 2024 15:31
Operator : MA/JU
Sample : P2070-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5

Quant Time: Apr 11 16:10:10 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	7.952	152	56267	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	213021	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	169434	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	411195	20.000	ng	-0.02
76) Chrysene-d12	21.589	240	390379	20.000	ng	-0.02
86) Perylene-d12	24.720	264	461165	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	415146	122.912	ng	0.00
7) Phenol-d6	7.117	99	557643	111.225	ng	0.00
23) Nitrobenzene-d5	9.103	82	372037	99.657	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	345097	179.425	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	860668	74.551	ng	-0.02
79) Terphenyl-d14	19.949	244	1723685	77.748	ng	-0.02

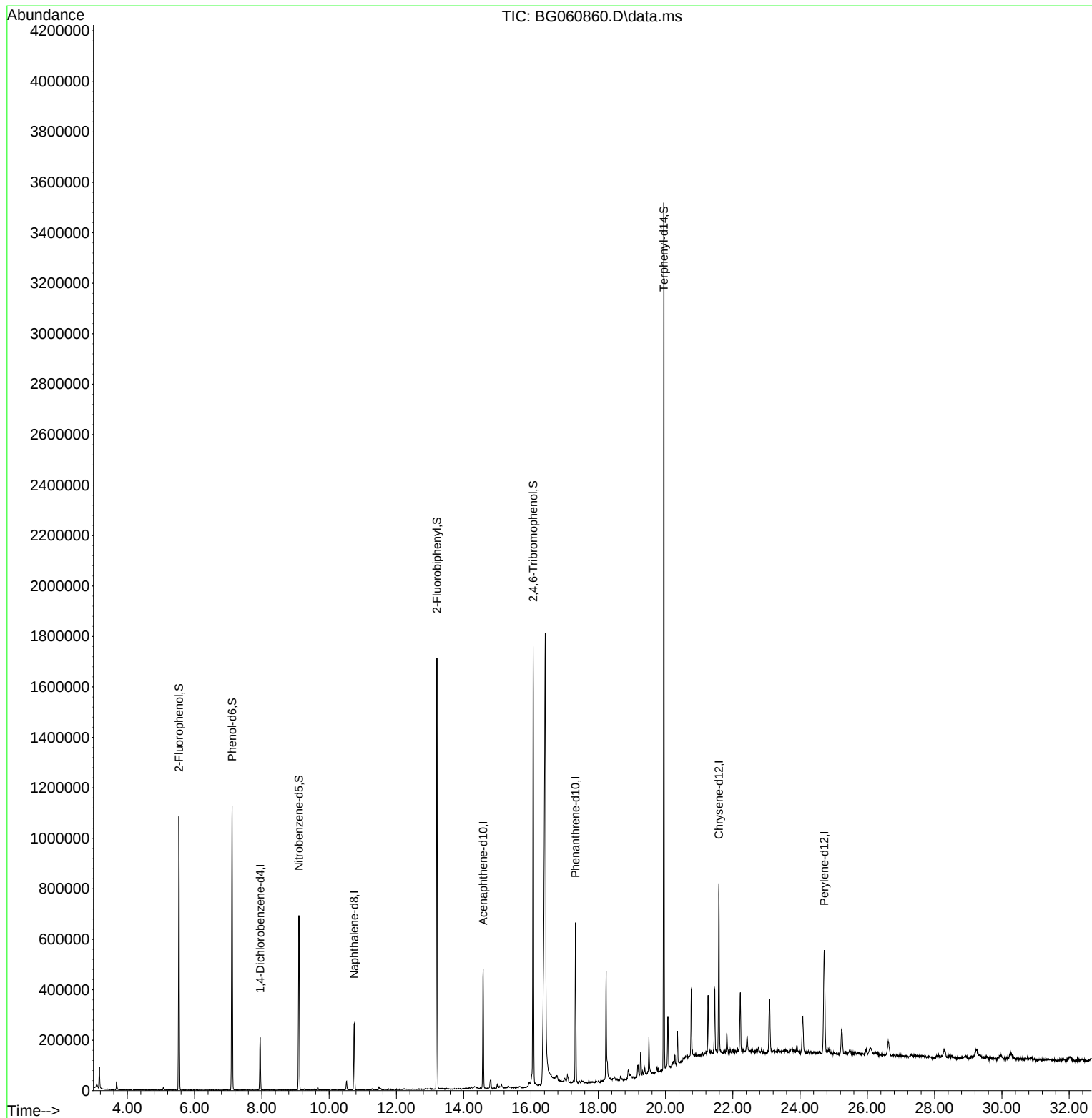
Target Compounds	Qvalue

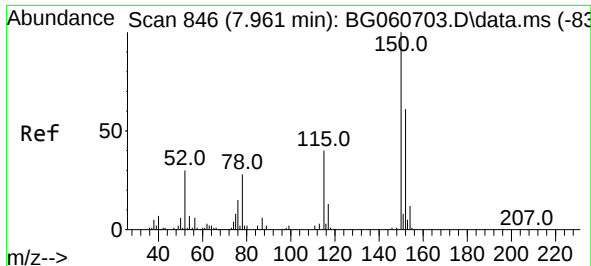
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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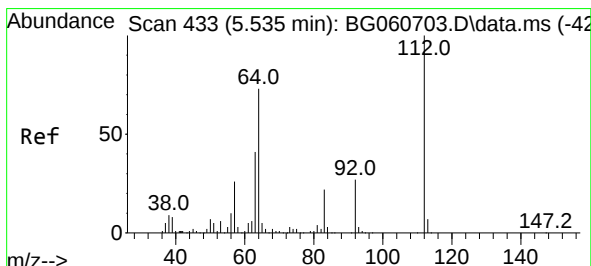
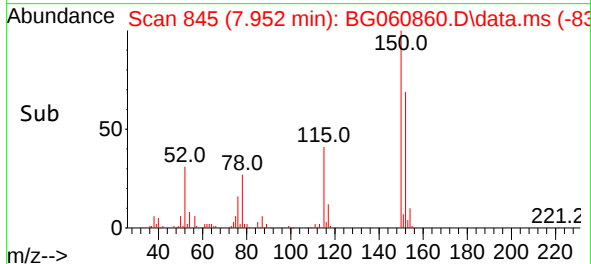
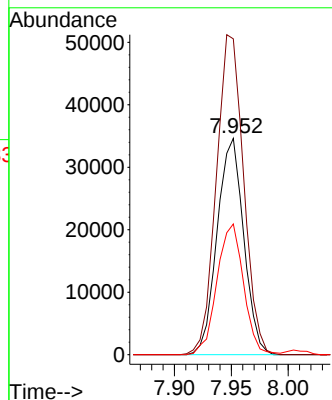
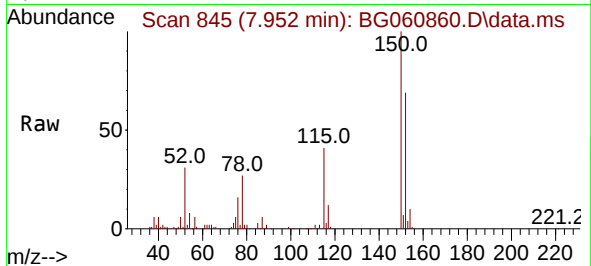




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

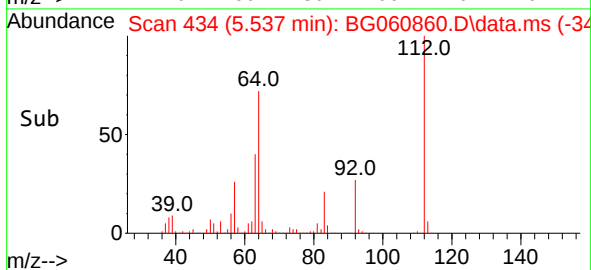
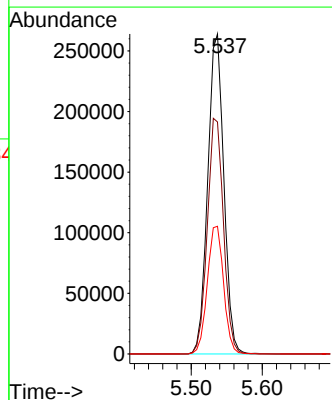
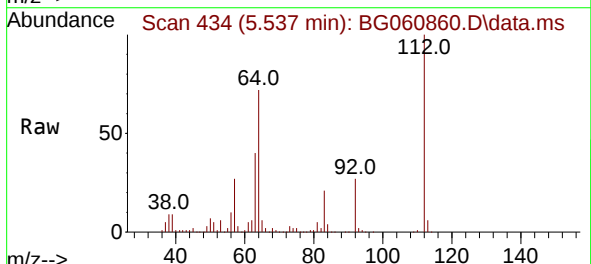
Instrument :
BNA_G
ClientSampleId :
TP-5

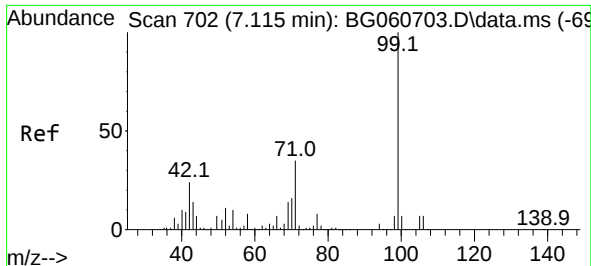
Tgt Ion:152 Resp: 56267
Ion Ratio Lower Upper
152 100
150 146.0 130.2 195.4
115 60.4 51.6 77.4



#5
2-Fluorophenol
Concen: 122.912 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.002 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:112 Resp: 415146
Ion Ratio Lower Upper
112 100
64 72.5 58.4 87.6
63 39.9 32.7 49.1

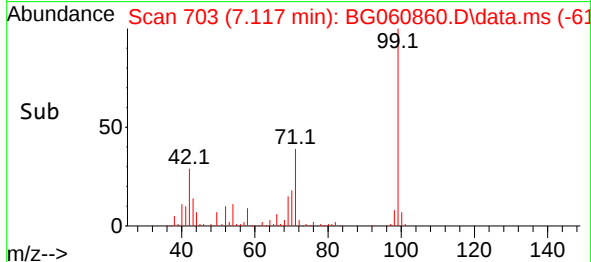
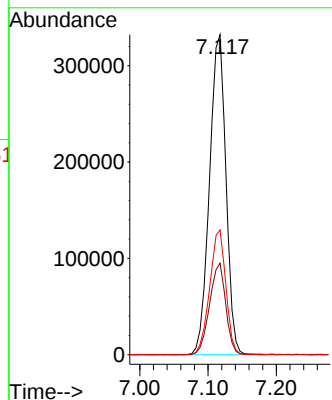
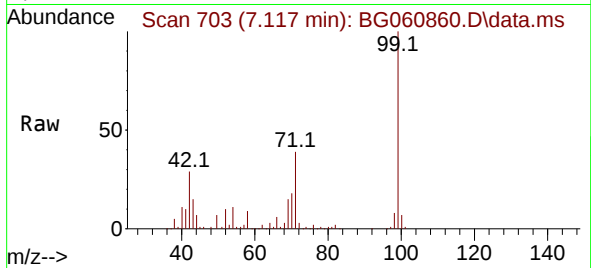




#7
Phenol-d6
Concen: 111.225 ng
RT: 7.117 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

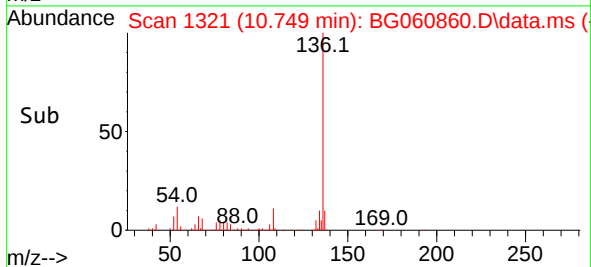
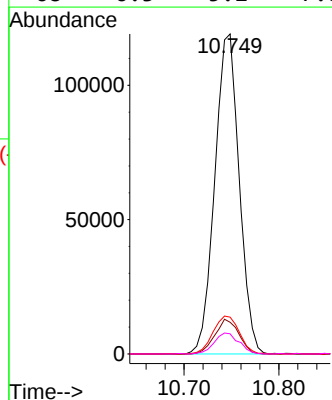
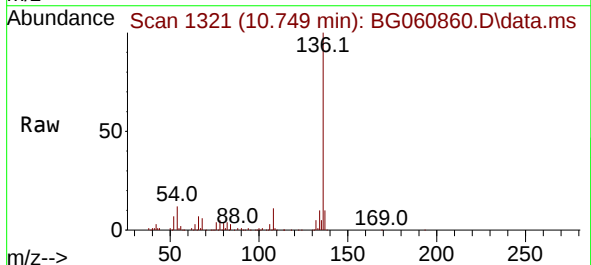
Instrument :
BNA_G
ClientSampleId :
TP-5

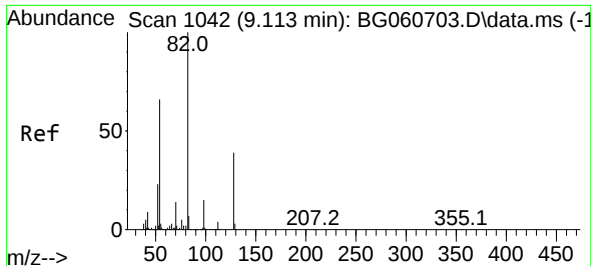
Tgt Ion: 99 Resp: 557643
Ion Ratio Lower Upper
99 100
42 28.6 19.4 29.2
71 39.0 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:136 Resp: 213021
Ion Ratio Lower Upper
136 100
137 9.9 8.8 13.2
54 11.5 10.2 15.2
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 99.657 ng

RT: 9.103 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG060860.D

Acq: 11 Apr 2024 15:31

Instrument :

BNA_G

ClientSampleId :

TP-5

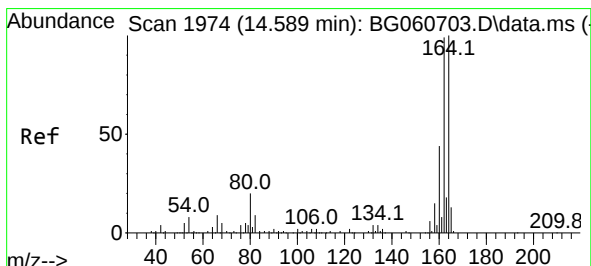
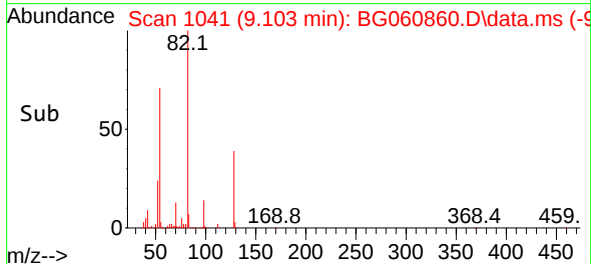
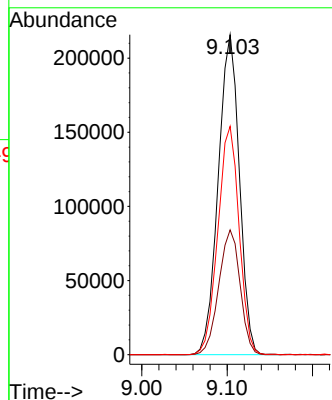
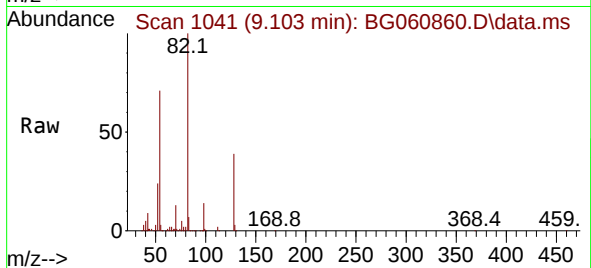
Tgt Ion: 82 Resp: 372037

Ion Ratio Lower Upper

82 100

128 39.0 31.2 46.8

54 71.4 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.579 min Scan# 1973

Delta R.T. -0.010 min

Lab File: BG060860.D

Acq: 11 Apr 2024 15:31

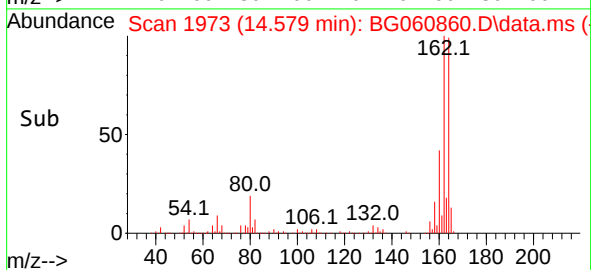
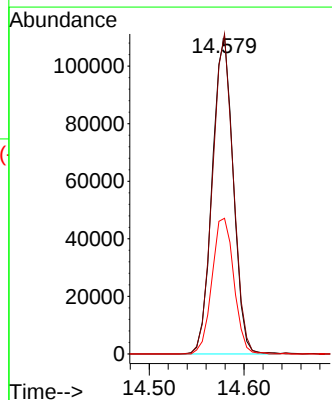
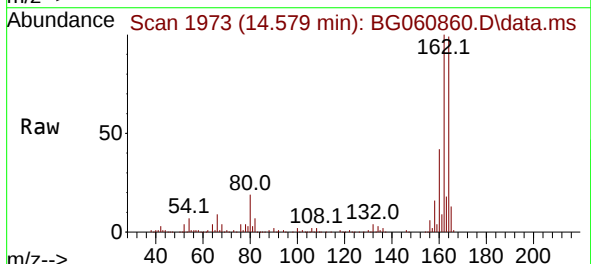
Tgt Ion:164 Resp: 169434

Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

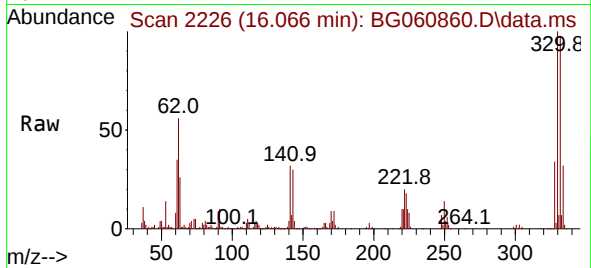
160 42.7 35.4 53.0



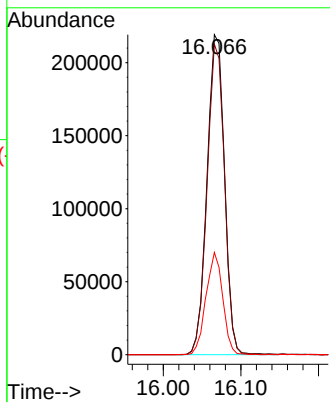
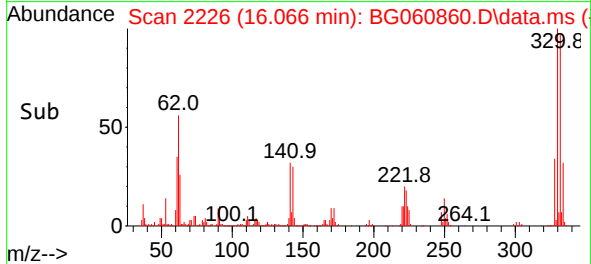


#42
2,4,6-Tribromophenol
Concen: 179.425 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Instrument :
BNA_G
ClientSampleId :
TP-5

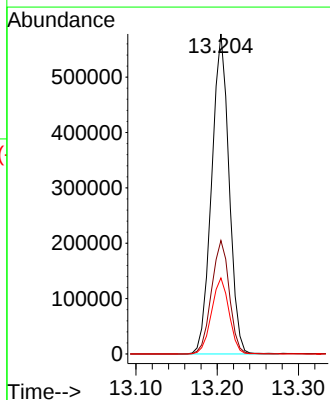
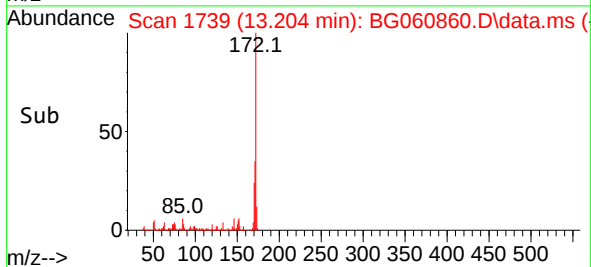
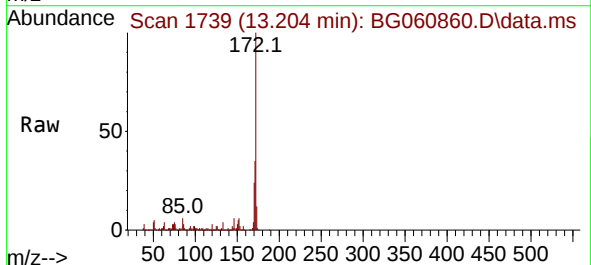


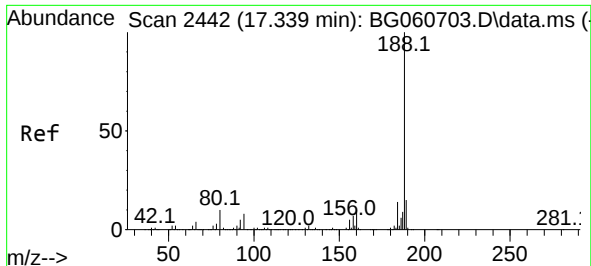
Tgt Ion:330 Resp: 345097
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 30.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 74.551 ng
RT: 13.204 min Scan# 1739
Delta R.T. -0.016 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:172 Resp: 860668
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.8 19.4 29.0

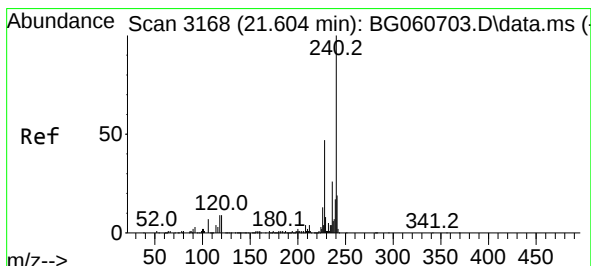
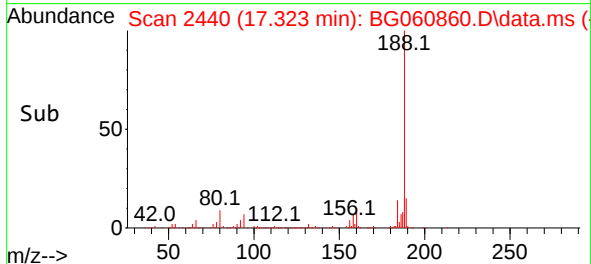
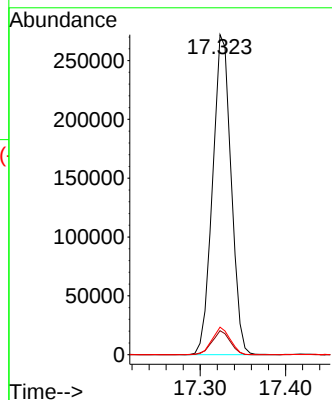
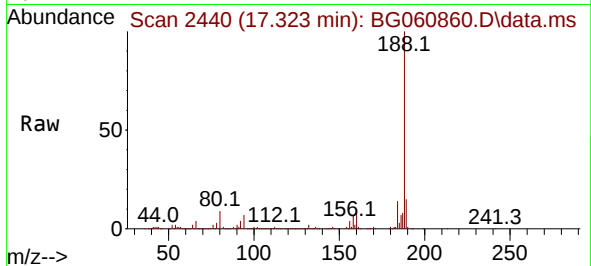




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2442
Delta R.T. -0.016 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

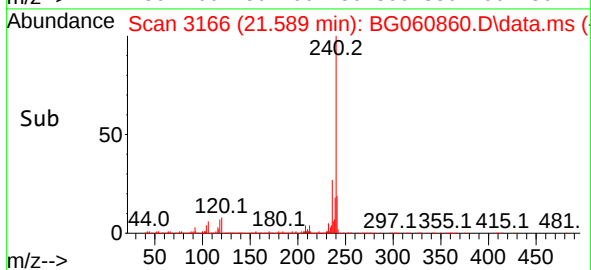
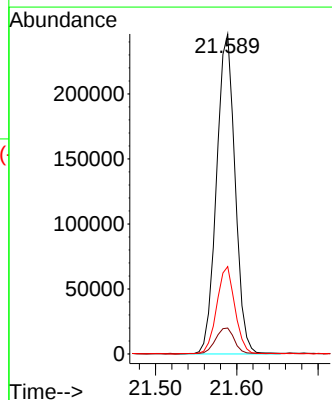
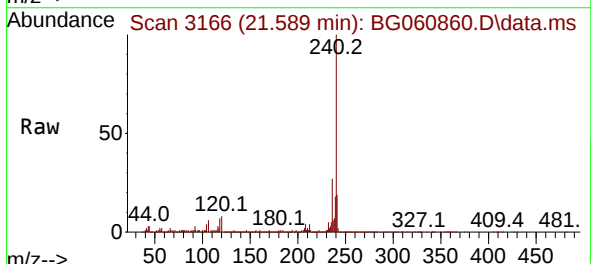
Instrument :
BNA_G
ClientSampleId :
TP-5

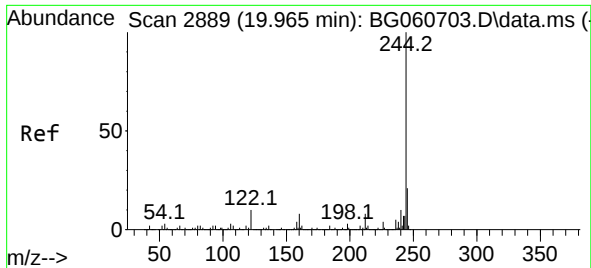
Tgt Ion:188 Resp: 411195
Ion Ratio Lower Upper
188 100
94 7.5 6.6 9.8
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.016 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:240 Resp: 390379
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 27.3 20.7 31.1

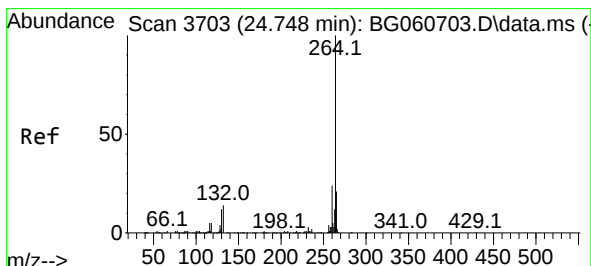
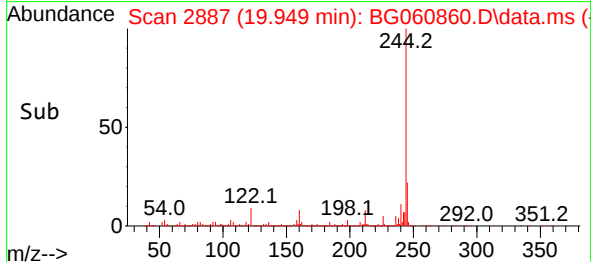
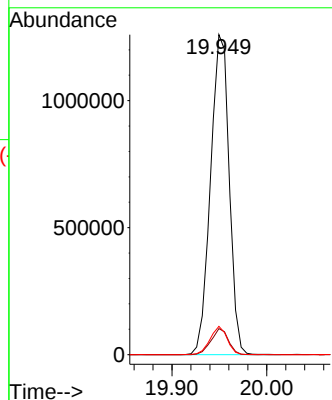
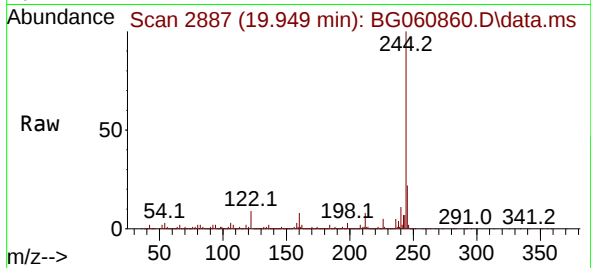




#79
Terphenyl-d14
Concen: 77.748 ng
RT: 19.949 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 1723685
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 8.9 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.720 min Scan# 3699
Delta R.T. -0.027 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:264 Resp: 461165
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 20.3 16.9 25.3

