

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059730.D
 Acq On : 17 Nov 2023 13:47
 Operator : MA/JU
 Sample : 05388-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Nov 17 14:23:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	31322	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	132412	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	86556	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	167287	20.000	ng	# 0.00
76) Chrysene-d12	22.044	240	157440	20.000	ng	0.00
86) Perylene-d12	25.622	264	231234	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	233897	125.688	ng	0.01
7) Phenol-d6	7.461	99	287280	104.173	ng	0.00
23) Nitrobenzene-d5	9.541	82	340112	98.100	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	135403	137.873	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	541065	84.142	ng	0.00
79) Terphenyl-d14	20.293	244	940701	88.205	ng	0.00

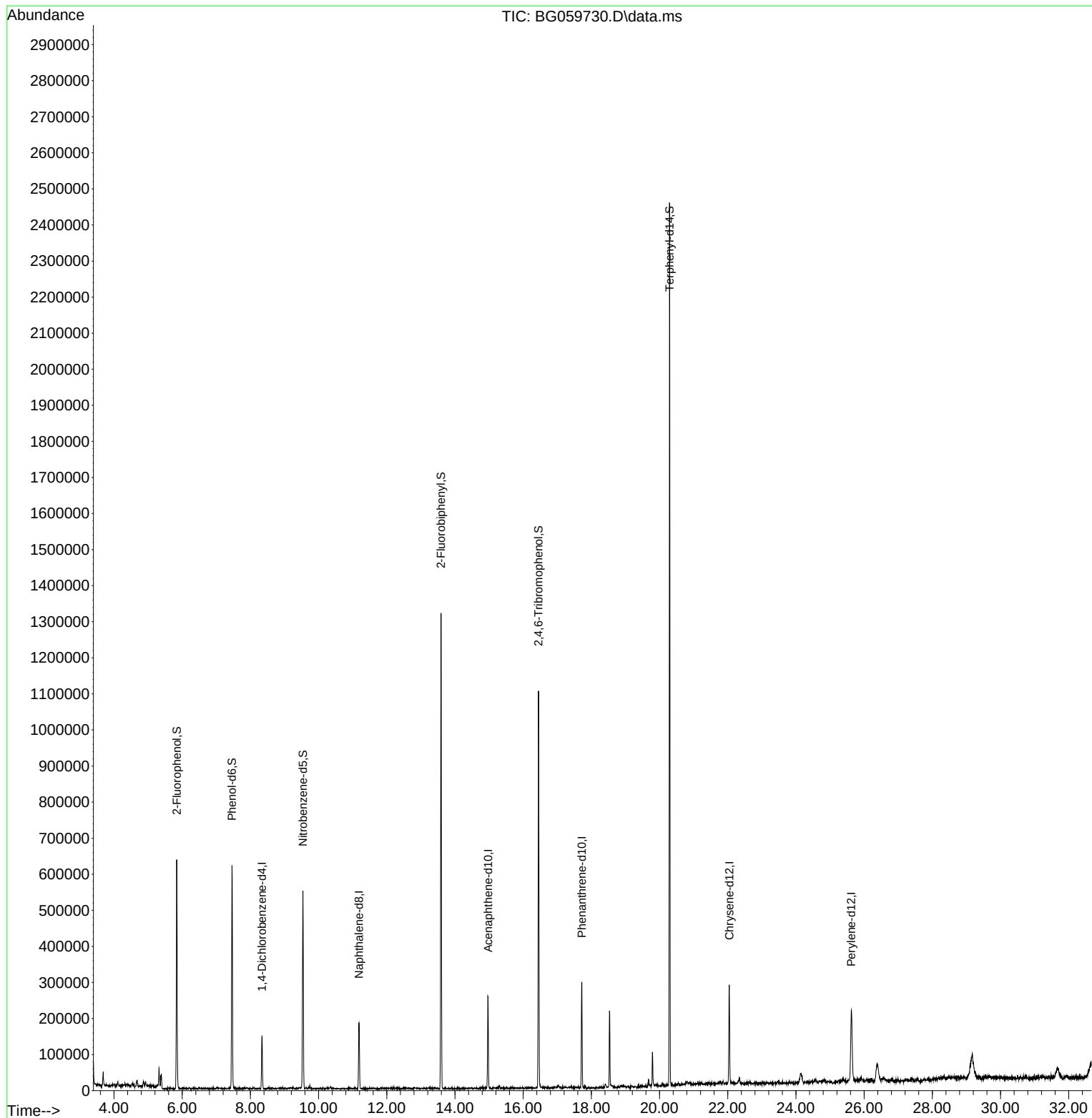
Target Compounds	Qvalue

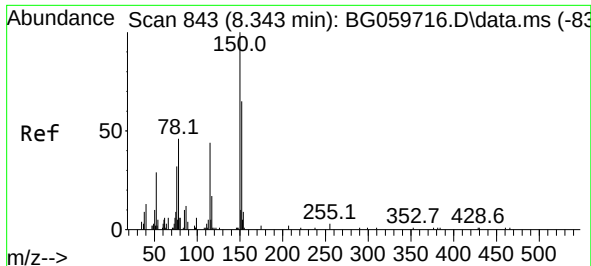
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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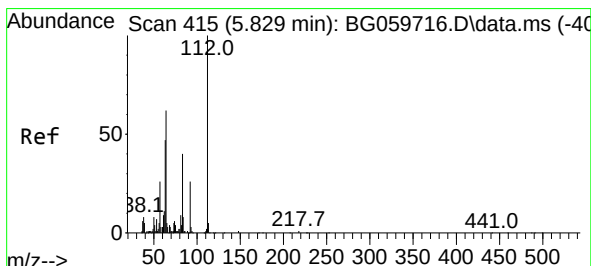
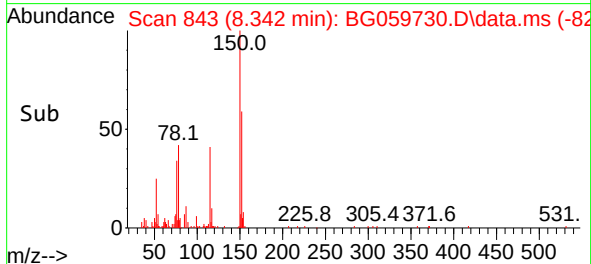
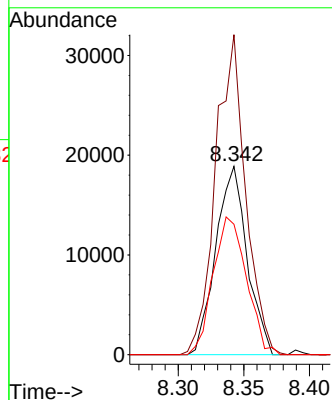
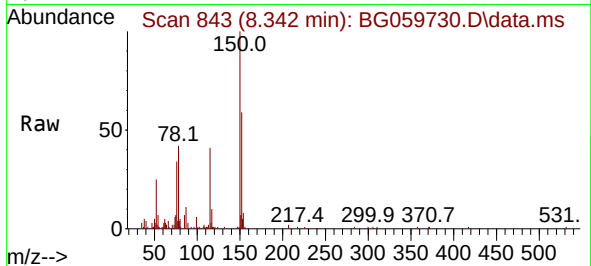




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 843
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

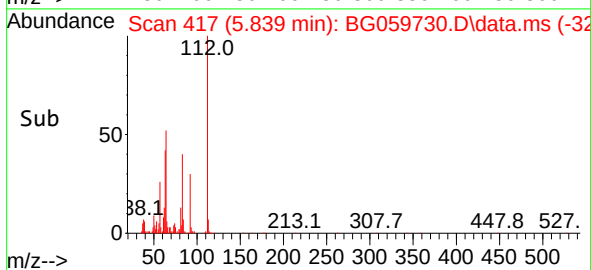
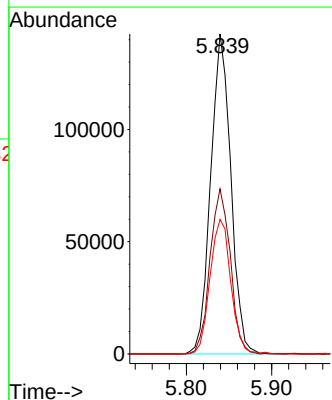
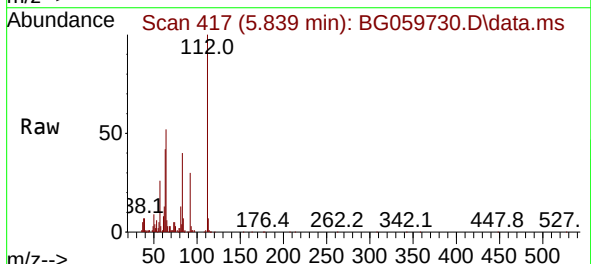
Instrument :
BNA_G
ClientSampleId :
TP-3

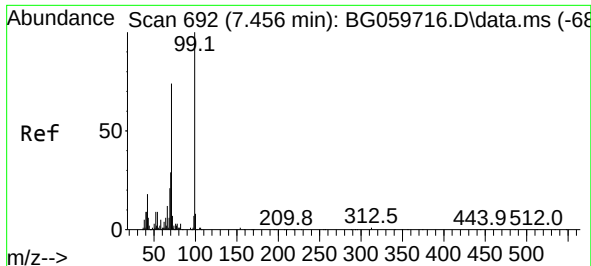
Tgt Ion:152 Resp: 31322
Ion Ratio Lower Upper
152 100
150 169.9 122.2 183.4
115 69.2 54.2 81.4



#5
2-Fluorophenol
Concen: 125.688 ng
RT: 5.839 min Scan# 417
Delta R.T. 0.011 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion:112 Resp: 233897
Ion Ratio Lower Upper
112 100
64 51.6 49.5 74.3
63 42.1 37.4 56.2

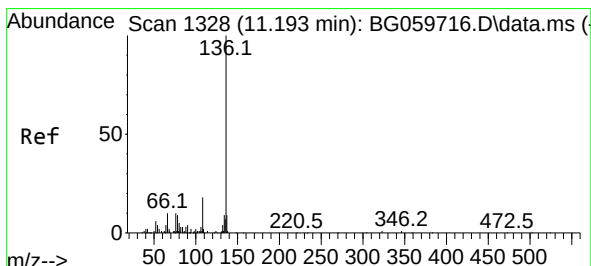
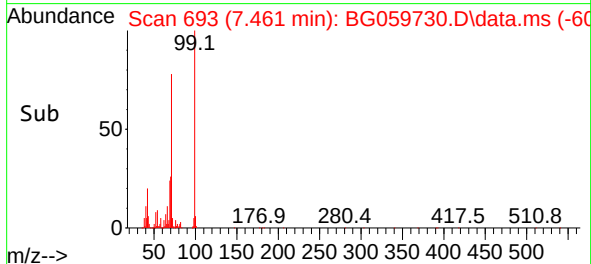
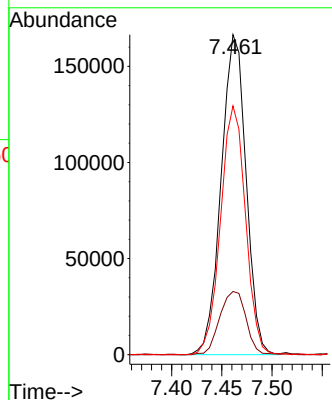
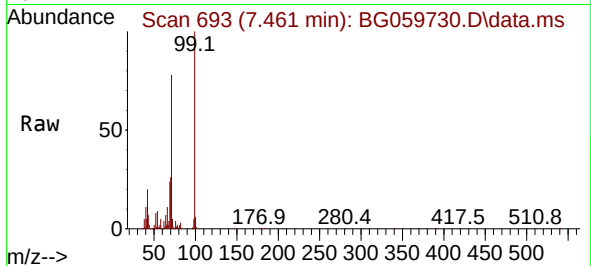




#7
Phenol-d6
Concen: 104.173 ng
RT: 7.461 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

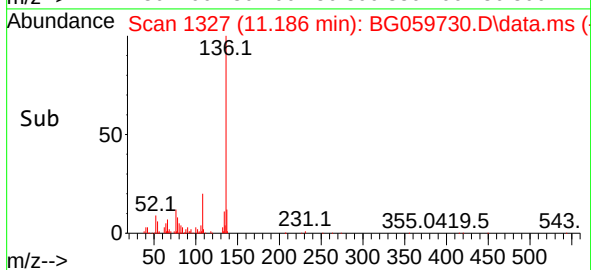
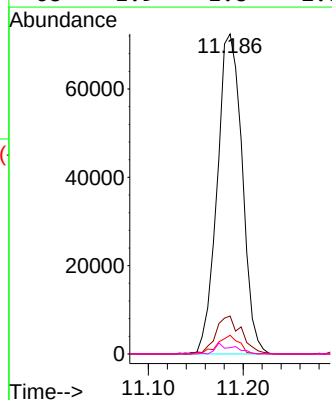
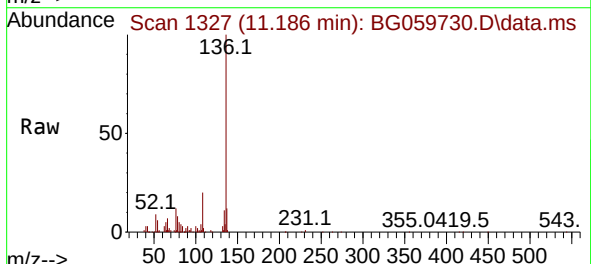
Instrument :
BNA_G
ClientSampleId :
TP-3

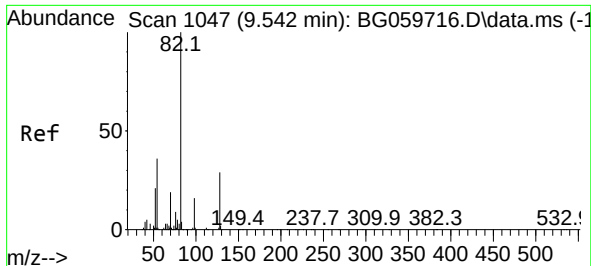
Tgt Ion: 99 Resp: 287280
Ion Ratio Lower Upper
99 100
42 19.8 14.3 21.5
71 77.8 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion:136 Resp: 132412
Ion Ratio Lower Upper
136 100
137 11.9 7.4 11.0#
54 5.9 3.1 4.7#
68 1.9 1.8 2.8

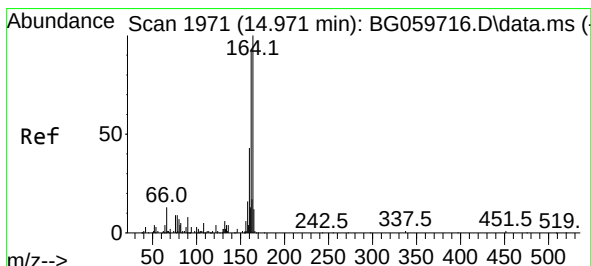
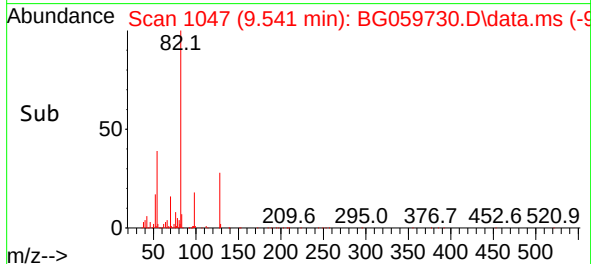
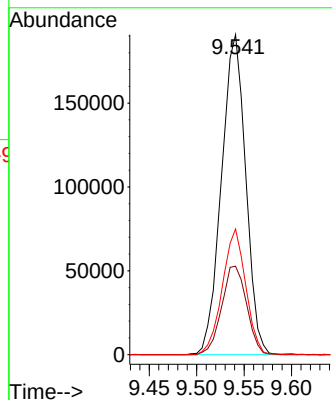
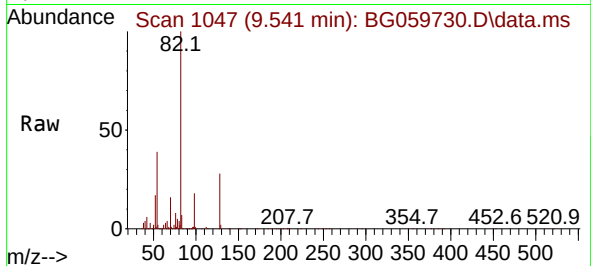




#23
Nitrobenzene-d5
Concen: 98.100 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

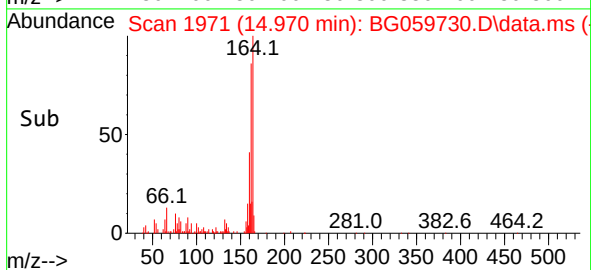
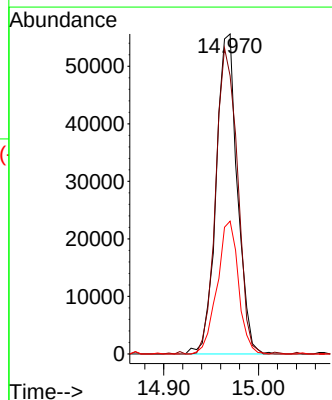
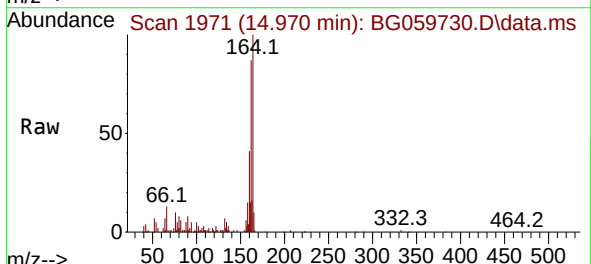
Instrument :
BNA_G
ClientSampleId :
TP-3

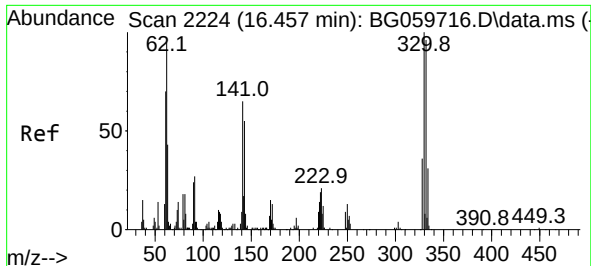
Tgt Ion: 82 Resp: 340112
Ion Ratio Lower Upper
82 100
128 27.7 23.0 34.6
54 39.3 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion:164 Resp: 86556
Ion Ratio Lower Upper
164 100
162 86.9 73.3 109.9
160 41.5 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 137.873 ng

RT: 16.451 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059730.D

Acq: 17 Nov 2023 13:47

Instrument :

BNA_G

ClientSampleId :

TP-3

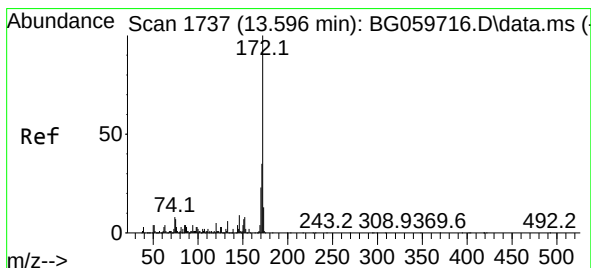
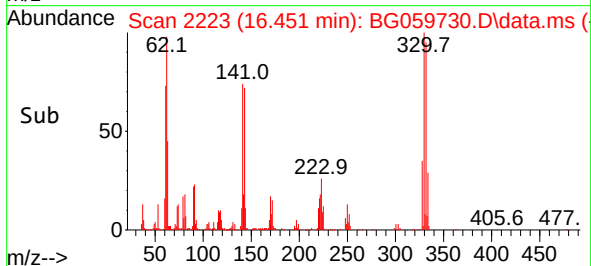
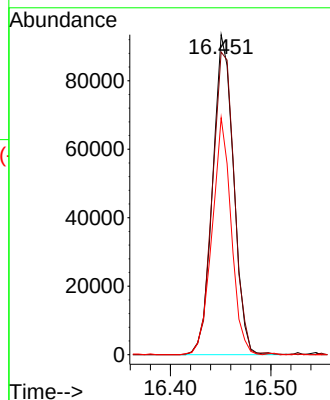
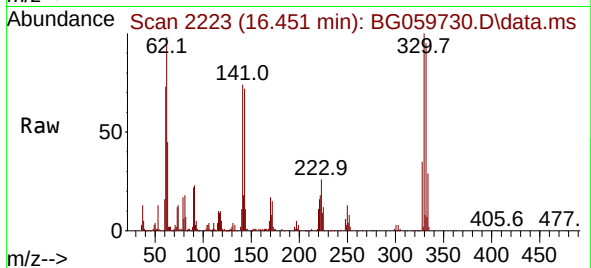
Tgt Ion:330 Resp: 135403

Ion Ratio Lower Upper

330 100

332 99.1 73.3 109.9

141 67.9 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 84.142 ng

RT: 13.589 min Scan# 1736

Delta R.T. -0.007 min

Lab File: BG059730.D

Acq: 17 Nov 2023 13:47

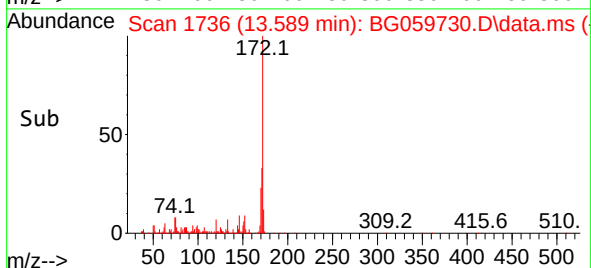
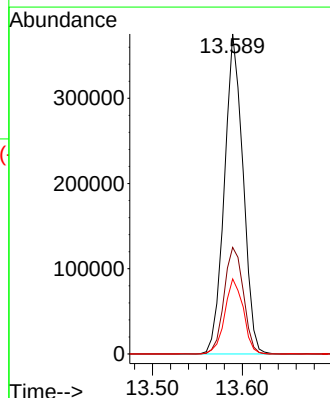
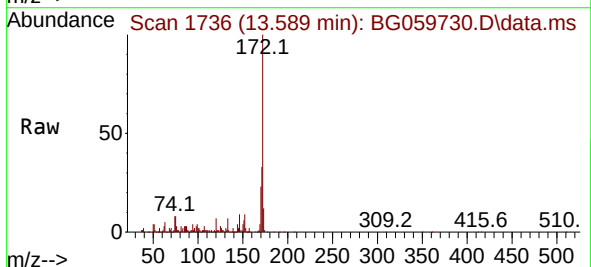
Tgt Ion:172 Resp: 541065

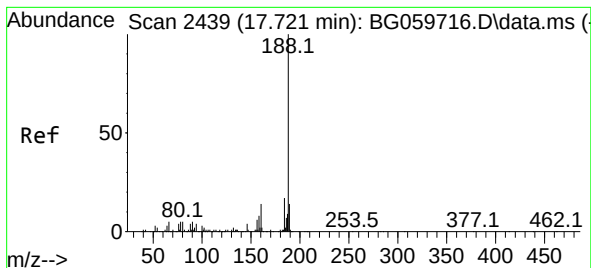
Ion Ratio Lower Upper

172 100

171 33.3 27.7 41.5

170 23.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.720 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BG059730.D

Acq: 17 Nov 2023 13:47

Instrument :

BNA_G

ClientSampleId :

TP-3

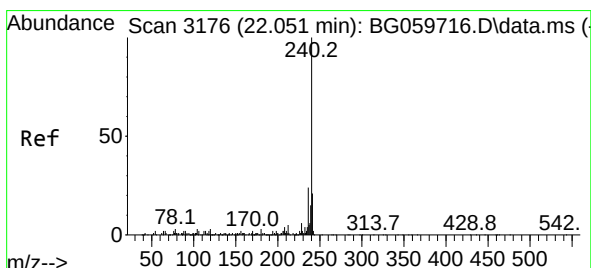
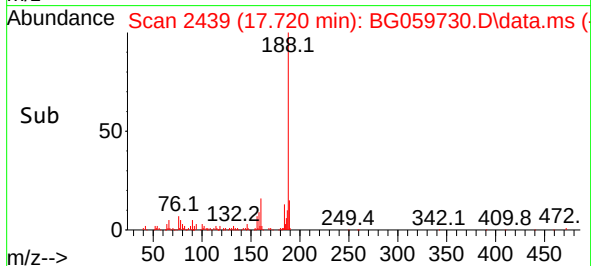
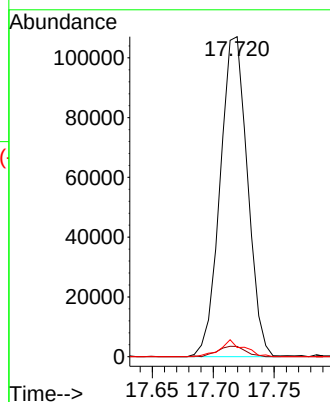
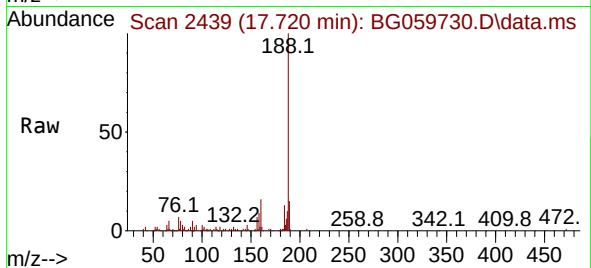
Tgt Ion:188 Resp: 167287

Ion Ratio Lower Upper

188 100

94 3.2 3.0 4.4

80 3.5 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.044 min Scan# 3175

Delta R.T. -0.007 min

Lab File: BG059730.D

Acq: 17 Nov 2023 13:47

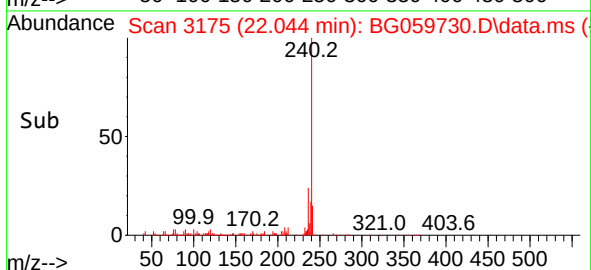
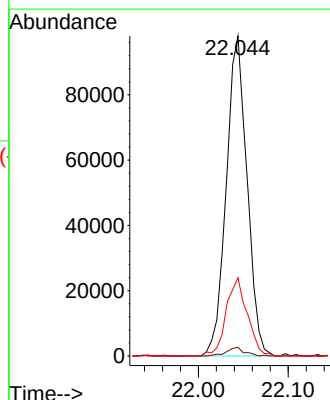
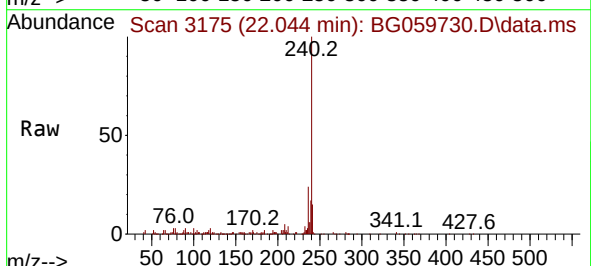
Tgt Ion:240 Resp: 157440

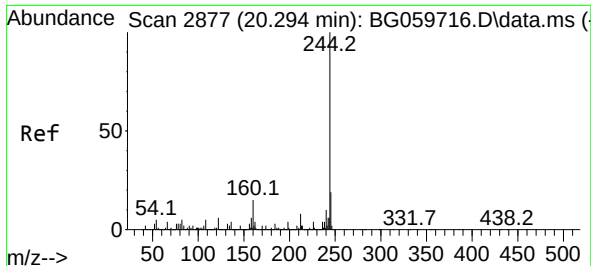
Ion Ratio Lower Upper

240 100

120 2.7 2.2 3.2

236 24.4 19.4 29.2

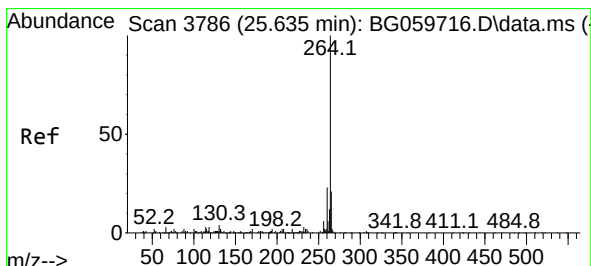
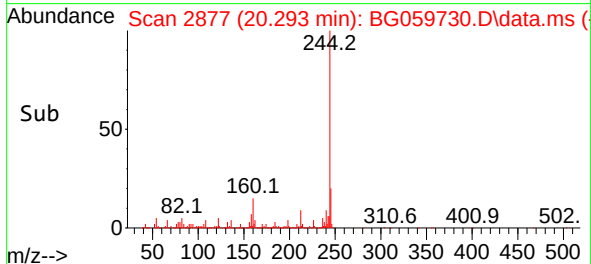
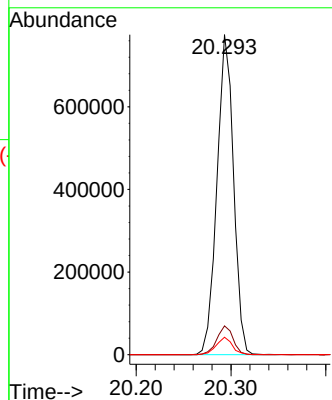
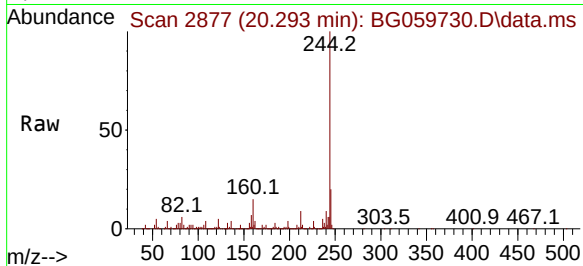




#79
 Terphenyl-d14
 Concen: 88.205 ng
 RT: 20.293 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG059730.D
 Acq: 17 Nov 2023 13:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 940701
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 10.0
 122 5.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.622 min Scan# 3784
 Delta R.T. -0.013 min
 Lab File: BG059730.D
 Acq: 17 Nov 2023 13:47

Tgt Ion:264 Resp: 231234
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.5 27.7
 265 23.8 17.0 25.6

