

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059801.D
 Acq On : 21 Nov 2023 21:05
 Operator : MA/JU
 Sample : 05376-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 204

Quant Time: Nov 22 00:34:04 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	8.334	152	24225	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	96836	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	111351	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	274644	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	189623	20.000	ng	0.00
86) Perylene-d12	25.631	264	209937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	194469	135.116	ng	0.00
7) Phenol-d6	7.465	99	253631	118.916	ng	0.00
23) Nitrobenzene-d5	9.539	82	280751	110.728	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	253291	200.481	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	857394	103.644	ng	0.00
79) Terphenyl-d14	20.297	244	1611707	125.474	ng	0.00

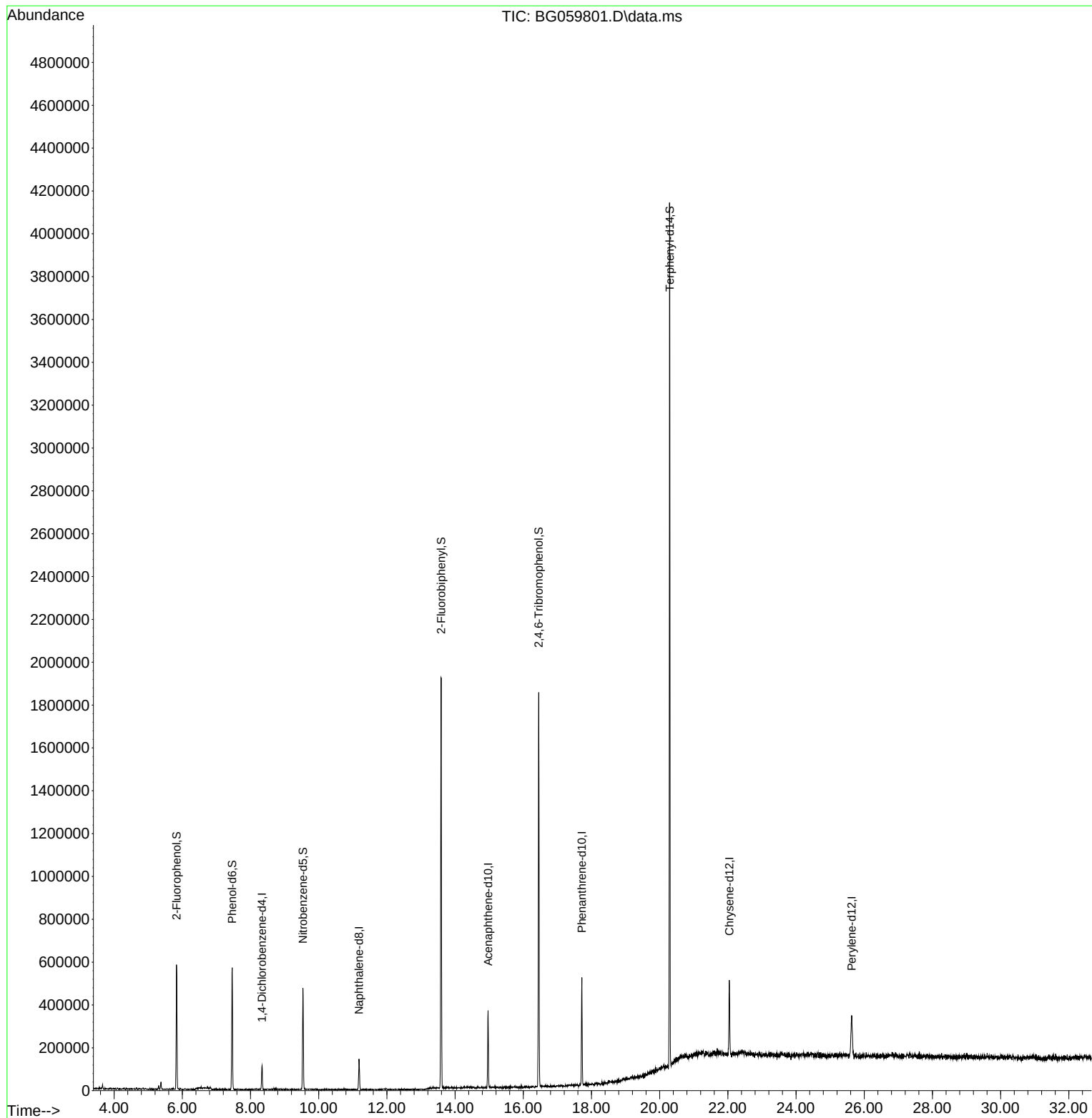
Target Compounds	Qvalue

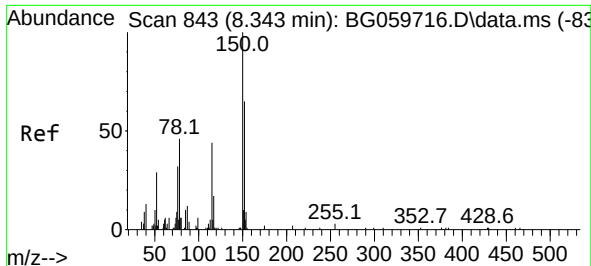
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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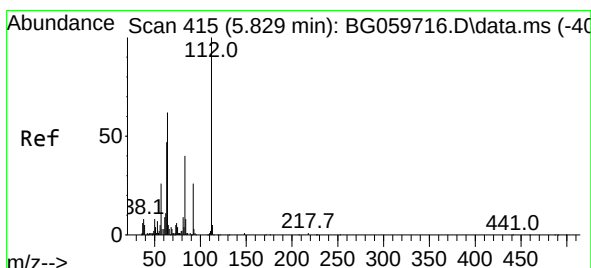
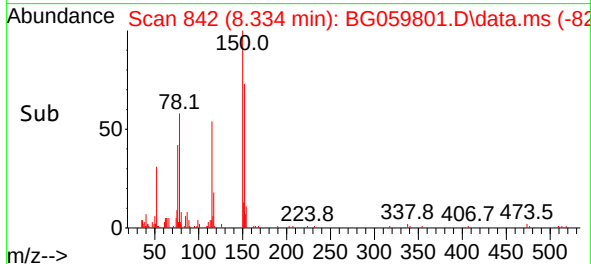
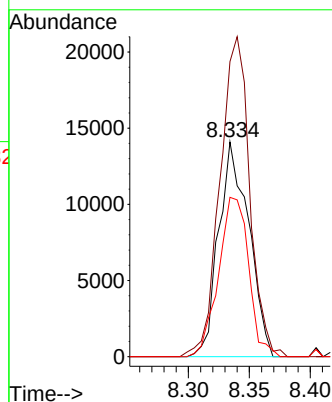
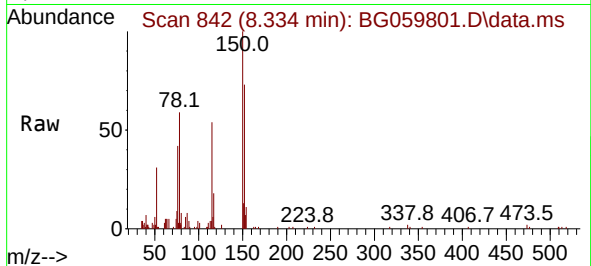




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 843
Delta R.T. -0.009 min
Lab File: BG059801.D
Acq: 21 Nov 2023 21:05

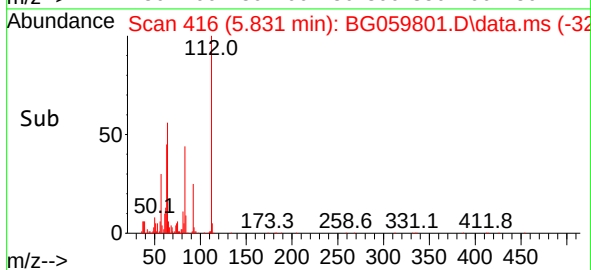
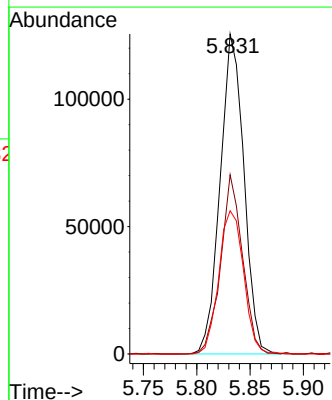
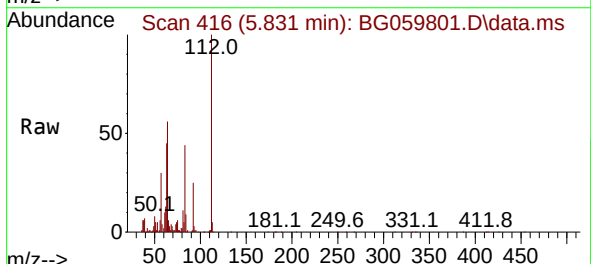
Instrument :
BNA_G
ClientSampleId :
204

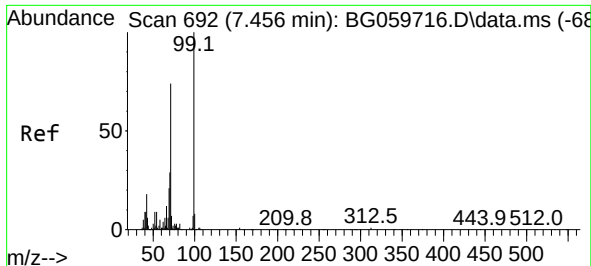
Tgt Ion:152 Resp: 24225
Ion Ratio Lower Upper
152 100
150 137.4 122.2 183.4
115 74.2 54.2 81.4



#5
2-Fluorophenol
Concen: 135.116 ng
RT: 5.831 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059801.D
Acq: 21 Nov 2023 21:05

Tgt Ion:112 Resp: 194469
Ion Ratio Lower Upper
112 100
64 56.0 49.5 74.3
63 44.8 37.4 56.2

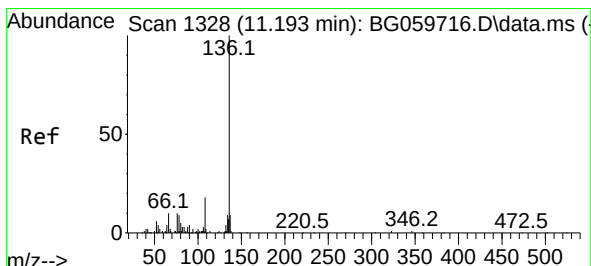
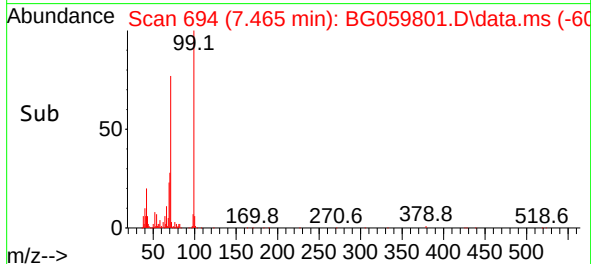
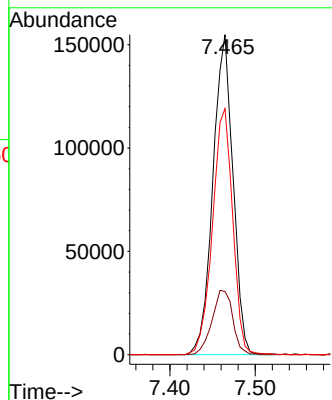
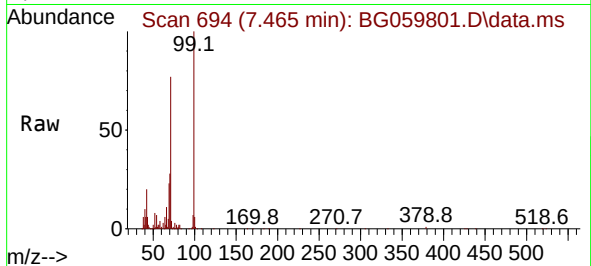




#7
Phenol-d6
Concen: 118.916 ng
RT: 7.465 min Scan# 694
Delta R.T. 0.008 min
Lab File: BG059801.D
Acq: 21 Nov 2023 21:05

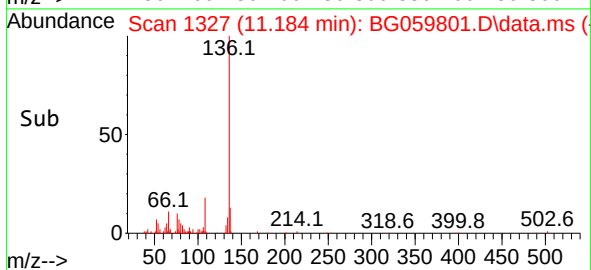
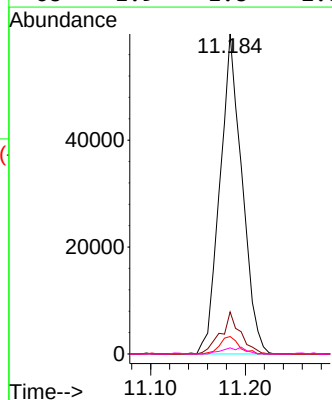
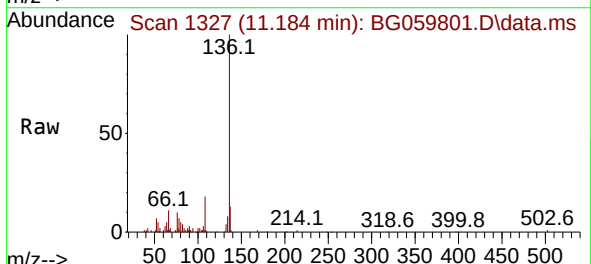
Instrument :
BNA_G
ClientSampleId :
204

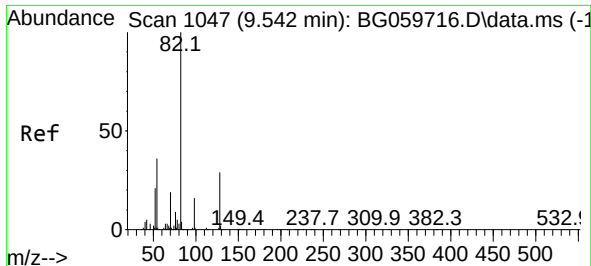
Tgt Ion: 99 Resp: 253631
Ion Ratio Lower Upper
99 100
42 19.8 14.3 21.5
71 76.9 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG059801.D
Acq: 21 Nov 2023 21:05

Tgt Ion: 136 Resp: 96836
Ion Ratio Lower Upper
136 100
137 13.1 7.4 11.0#
54 5.4 3.1 4.7#
68 1.9 1.8 2.8





#23

Nitrobenzene-d5

Concen: 110.728 ng

RT: 9.539 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG059801.D

Acq: 21 Nov 2023 21:05

Instrument :

BNA_G

ClientSampleId :

204

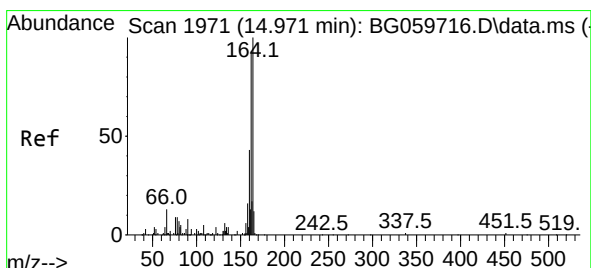
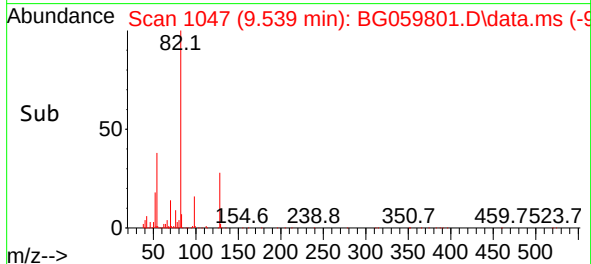
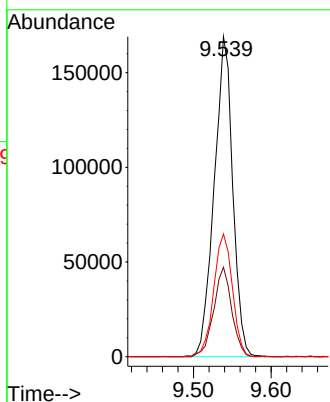
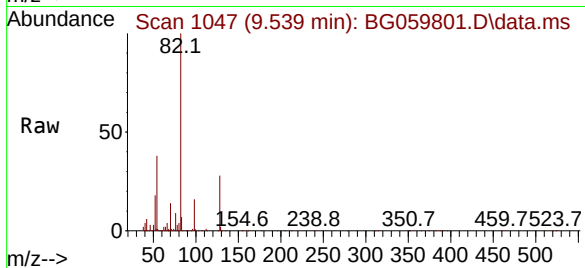
Tgt Ion: 82 Resp: 280751

Ion Ratio Lower Upper

82 100

128 27.9 23.0 34.6

54 38.4 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.968 min Scan# 1971

Delta R.T. -0.003 min

Lab File: BG059801.D

Acq: 21 Nov 2023 21:05

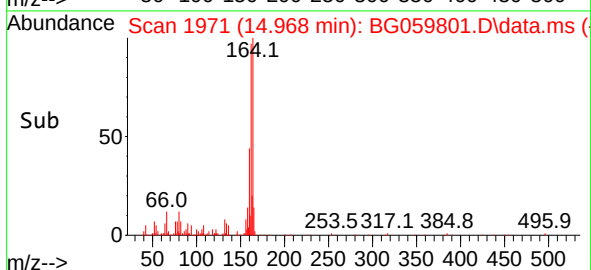
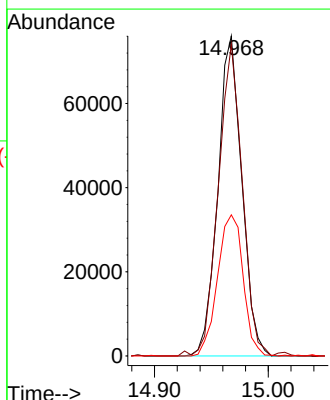
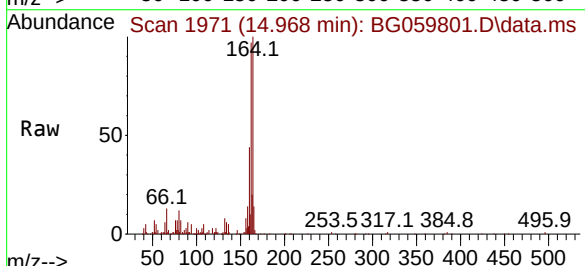
Tgt Ion:164 Resp: 111351

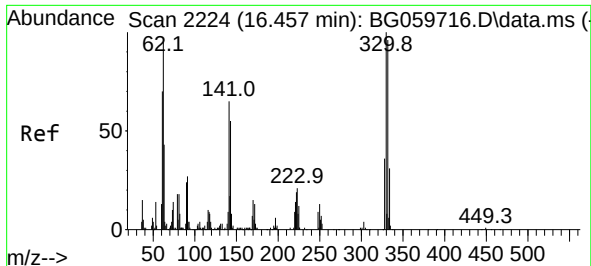
Ion Ratio Lower Upper

164 100

162 97.4 73.3 109.9

160 44.1 34.1 51.1

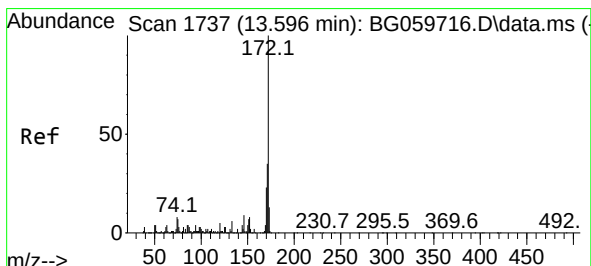
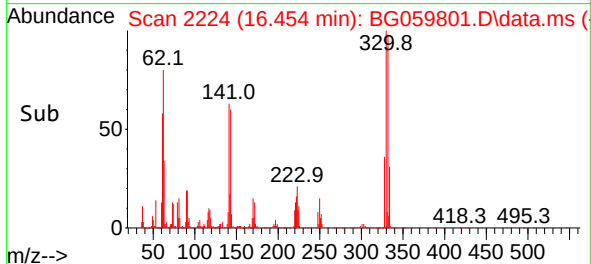
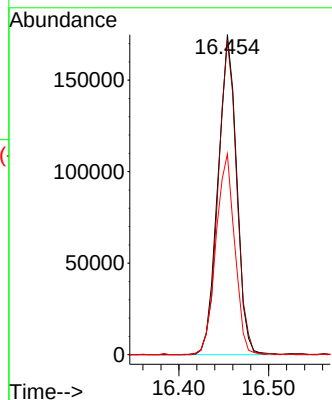
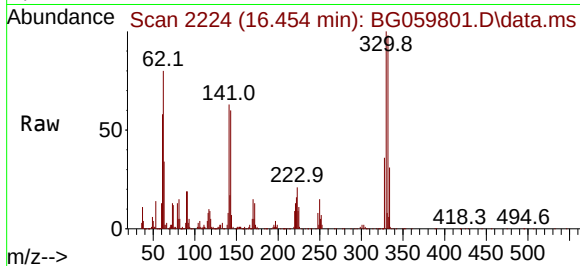




#42
2,4,6-Tribromophenol
Concen: 200.481 ng
RT: 16.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059801.D
Acq: 21 Nov 2023 21:05

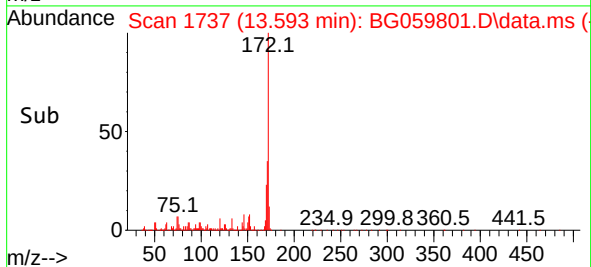
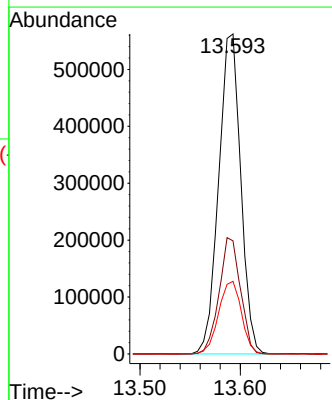
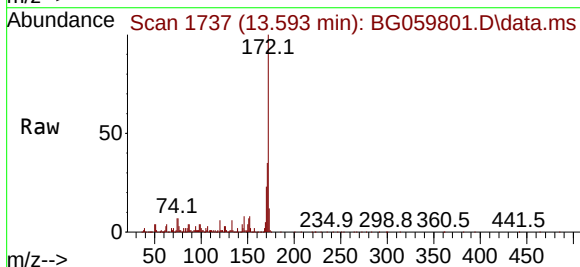
Instrument :
BNA_G
ClientSampleId :
204

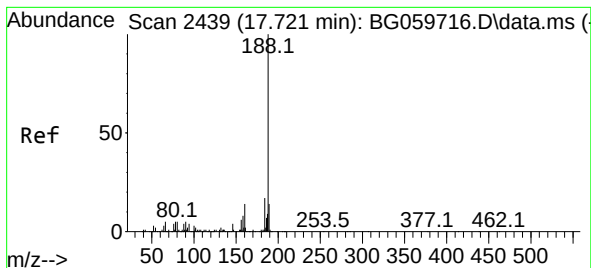
Tgt Ion:330 Resp: 253291
Ion Ratio Lower Upper
330 100
332 97.5 73.3 109.9
141 62.9 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 103.644 ng
RT: 13.593 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG059801.D
Acq: 21 Nov 2023 21:05

Tgt Ion:172 Resp: 857394
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 22.7 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.717 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG059801.D

Acq: 21 Nov 2023 21:05

Instrument :

BNA_G

ClientSampleId :

204

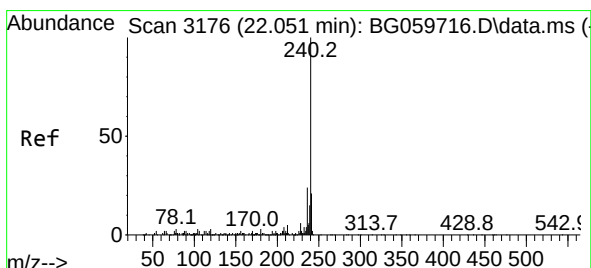
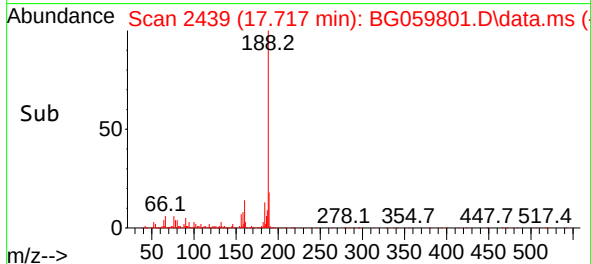
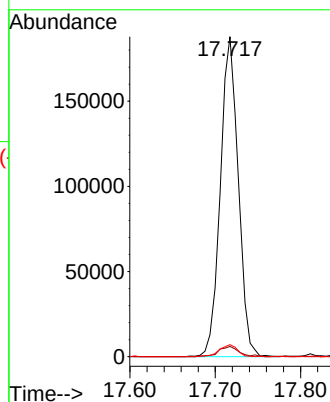
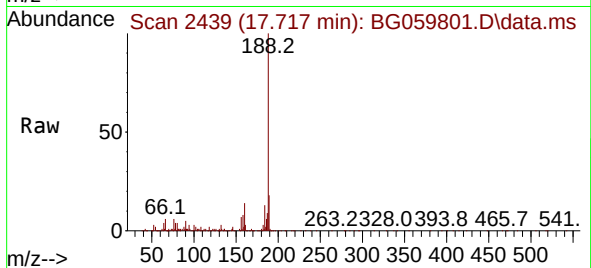
Tgt Ion:188 Resp: 274644

Ion Ratio Lower Upper

188 100

94 3.2 3.0 4.4

80 3.8 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG059801.D

Acq: 21 Nov 2023 21:05

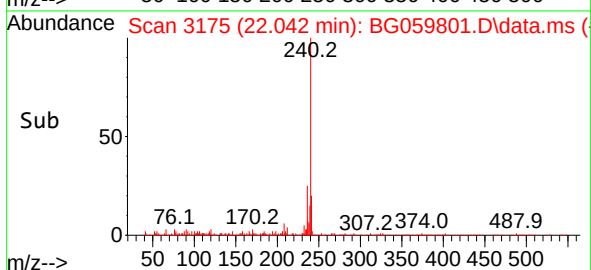
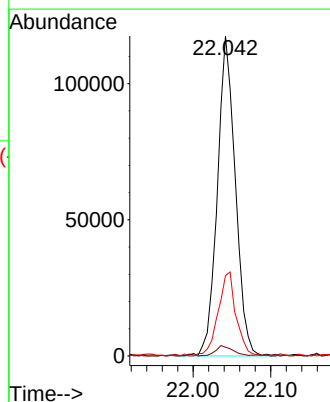
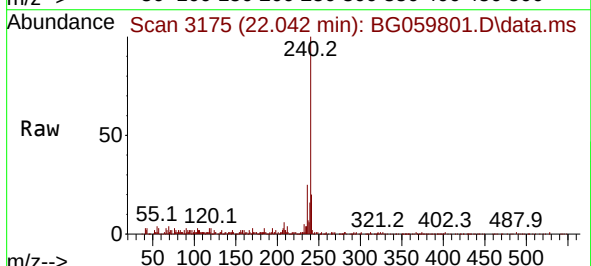
Tgt Ion:240 Resp: 189623

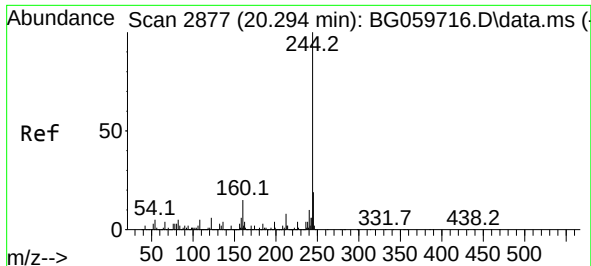
Ion Ratio Lower Upper

240 100

120 2.8 2.2 3.2

236 25.1 19.4 29.2

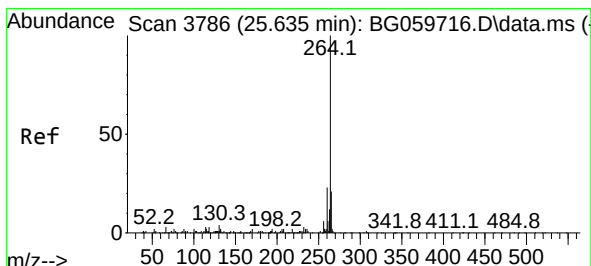
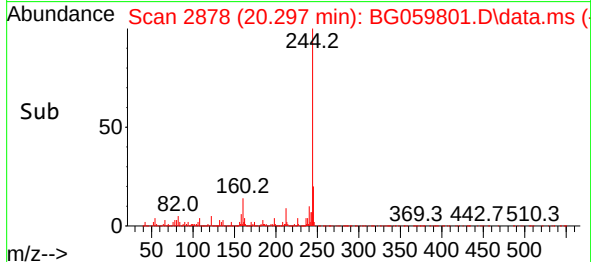
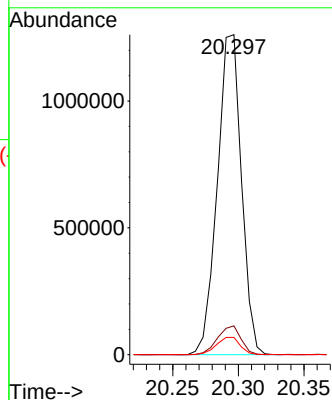
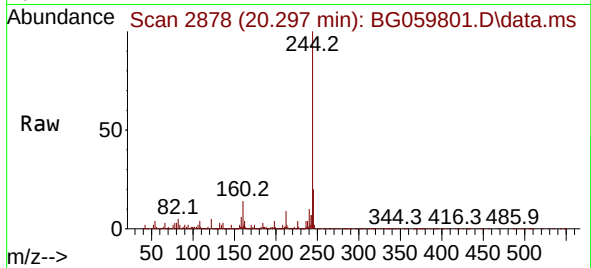




#79
 Terphenyl-d14
 Concen: 125.474 ng
 RT: 20.297 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG059801.D
 Acq: 21 Nov 2023 21:05

Instrument :
 BNA_G
 ClientSampleId :
 204

Tgt Ion:244 Resp: 1611707
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 10.0
 122 5.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.631 min Scan# 3786
 Delta R.T. -0.003 min
 Lab File: BG059801.D
 Acq: 21 Nov 2023 21:05

Tgt Ion:264 Resp: 209937
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 18.4 17.0 25.6

