

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059802.D
 Acq On : 21 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05376-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 210

Quant Time: Nov 22 00:34:18 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	8.341	152	24401	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	99382	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	102987	20.000	ng	# 0.00
64) Phenanthrene-d10	17.718	188	248681	20.000	ng	0.00
76) Chrysene-d12	22.043	240	193015	20.000	ng	# 0.00
86) Perylene-d12	25.632	264	217849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	174300	120.229	ng	0.00
7) Phenol-d6	7.460	99	232606	108.271	ng	0.00
23) Nitrobenzene-d5	9.540	82	247718	95.197	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	230172	196.978	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	793215	103.674	ng	0.00
79) Terphenyl-d14	20.292	244	1626981	124.437	ng	0.00

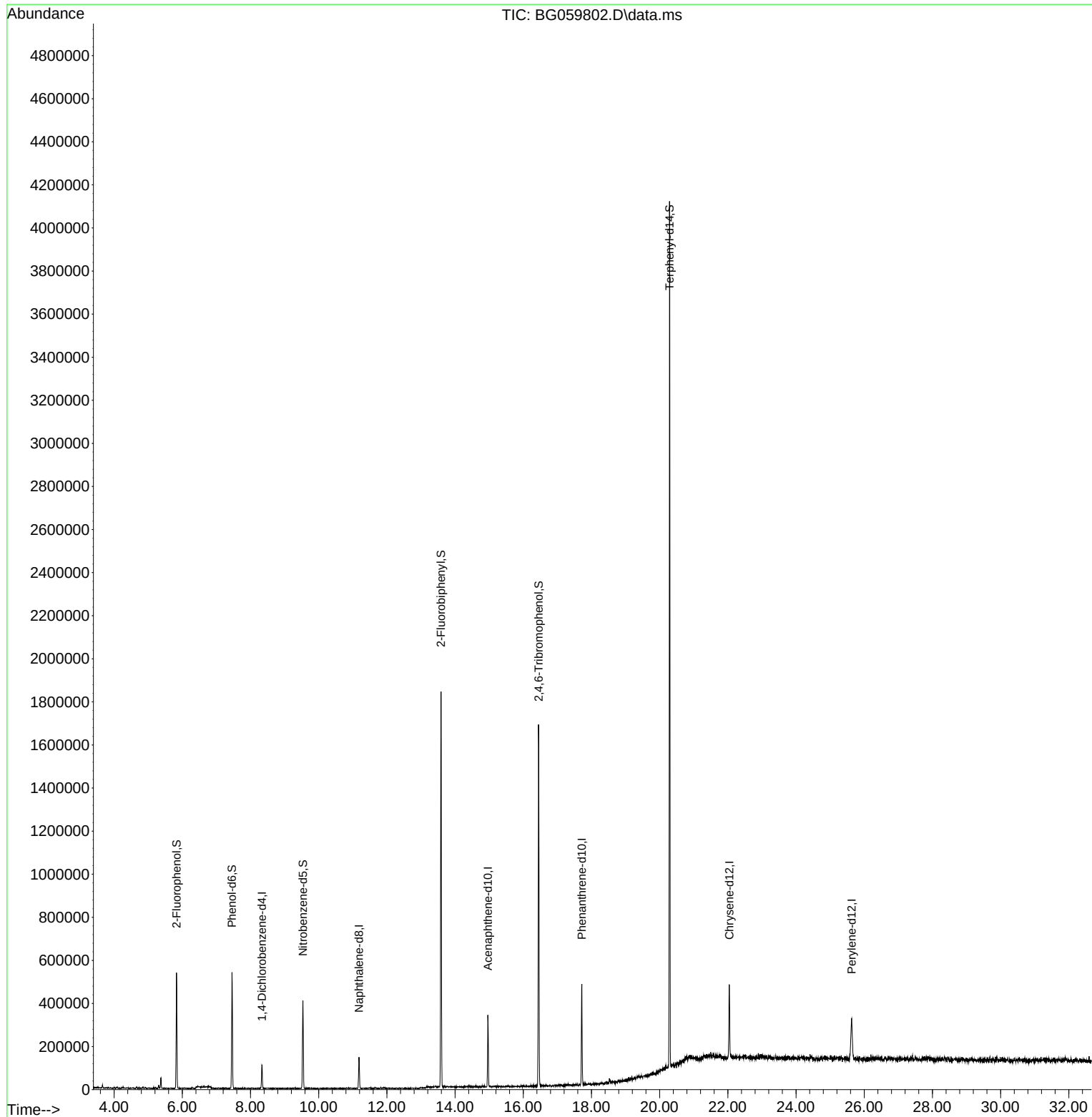
Target Compounds	Qvalue

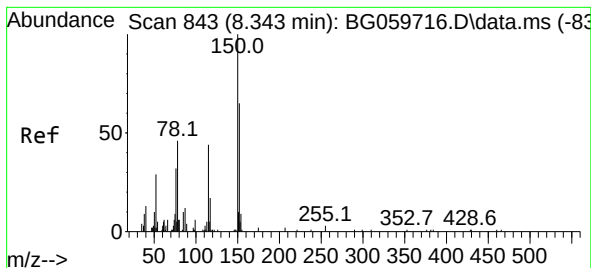
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.341 min Scan# 84

Delta R.T. -0.002 min

Lab File: BG059802.D

Acq: 21 Nov 2023 21:45

Instrument :

BNA_G

ClientSampleId :

210

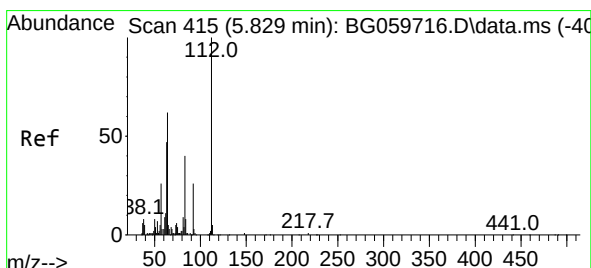
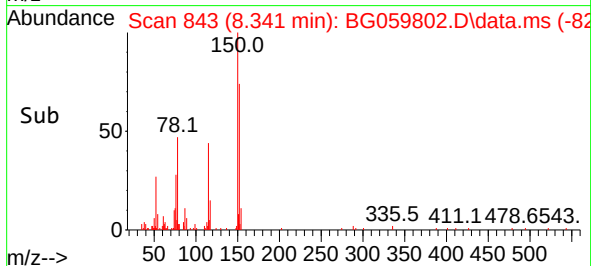
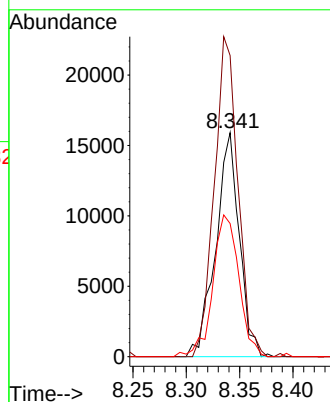
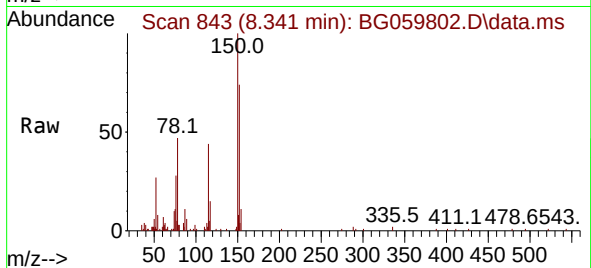
Tgt Ion:152 Resp: 24401

Ion Ratio Lower Upper

152 100

150 134.4 122.2 183.4

115 59.4 54.2 81.4



#5

2-Fluorophenol

Concen: 120.229 ng

RT: 5.832 min Scan# 416

Delta R.T. 0.003 min

Lab File: BG059802.D

Acq: 21 Nov 2023 21:45

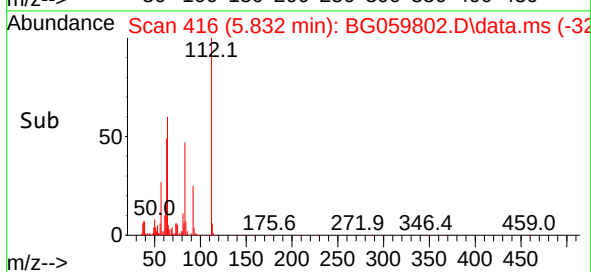
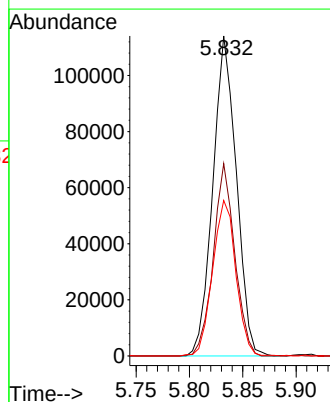
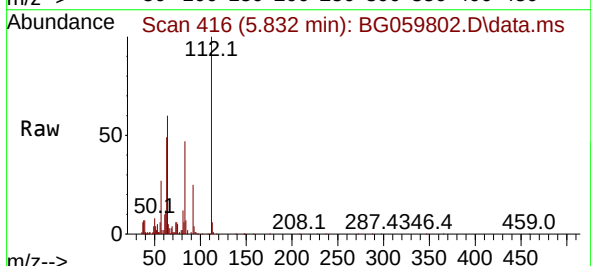
Tgt Ion:112 Resp: 174300

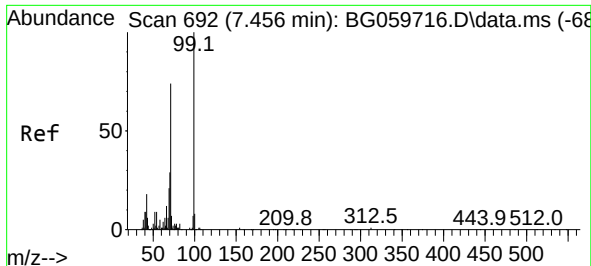
Ion Ratio Lower Upper

112 100

64 60.1 49.5 74.3

63 48.6 37.4 56.2

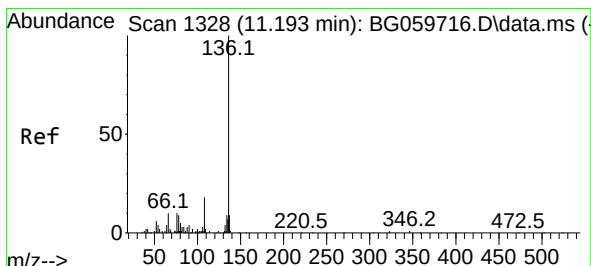
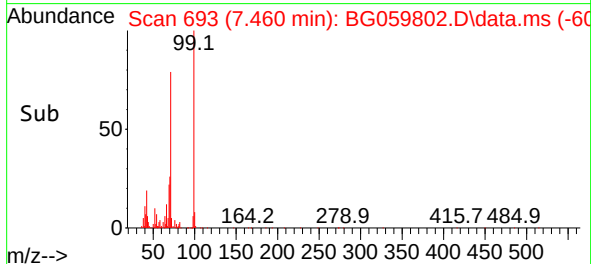
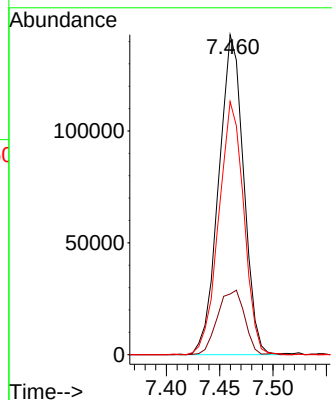
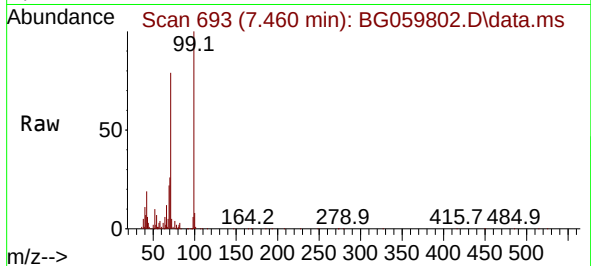




#7
Phenol-d6
Concen: 108.271 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059802.D
Acq: 21 Nov 2023 21:45

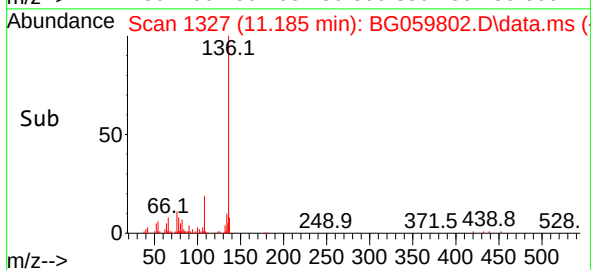
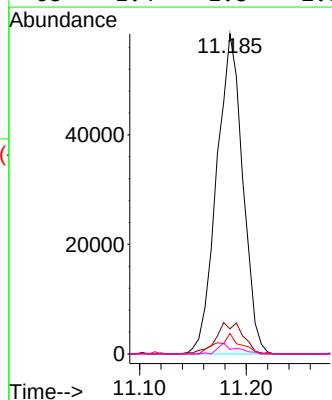
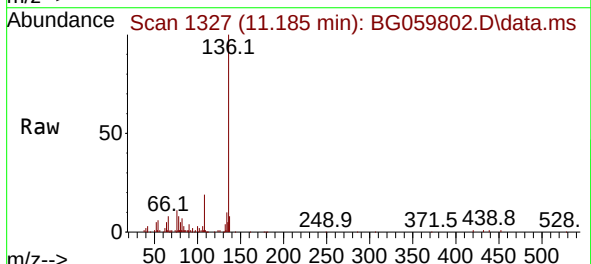
Instrument :
BNA_G
ClientSampleId :
210

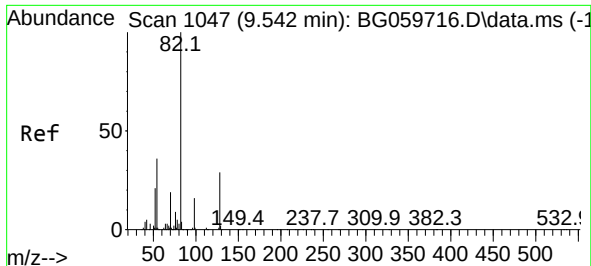
Tgt Ion: 99 Resp: 232606
Ion Ratio Lower Upper
99 100
42 19.0 14.3 21.5
71 79.1 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 1327
Delta R.T. -0.008 min
Lab File: BG059802.D
Acq: 21 Nov 2023 21:45

Tgt Ion:136 Resp: 99382
Ion Ratio Lower Upper
136 100
137 7.8 7.4 11.0
54 6.4 3.1 4.7#
68 1.4 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 95.197 ng

RT: 9.540 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG059802.D

Acq: 21 Nov 2023 21:45

Instrument :

BNA_G

ClientSampleId :

210

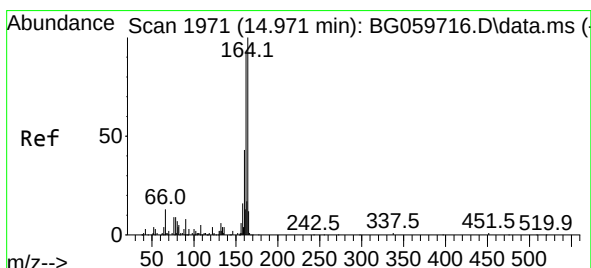
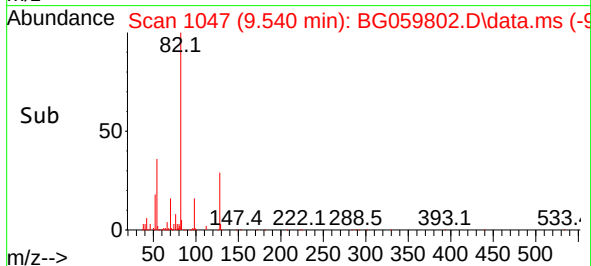
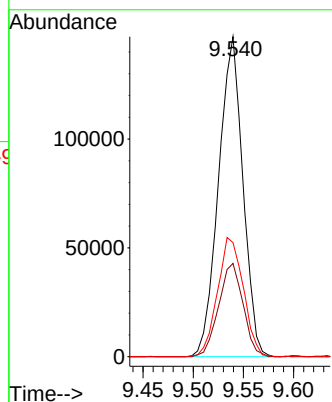
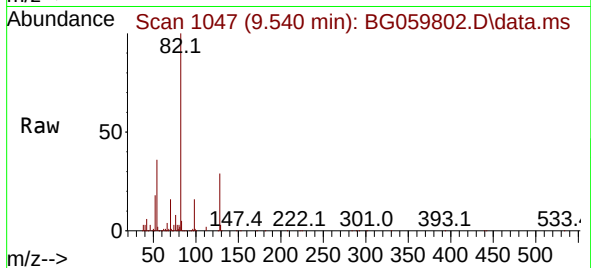
Tgt Ion: 82 Resp: 247718

Ion Ratio Lower Upper

82 100

128 29.2 23.0 34.6

54 35.7 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.963 min Scan# 1970

Delta R.T. -0.008 min

Lab File: BG059802.D

Acq: 21 Nov 2023 21:45

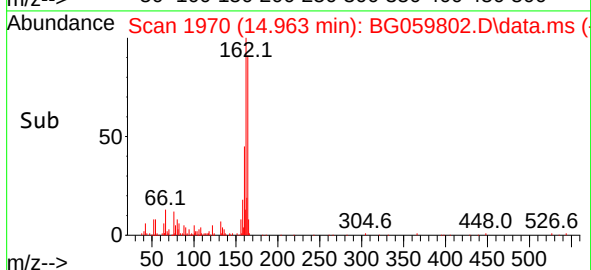
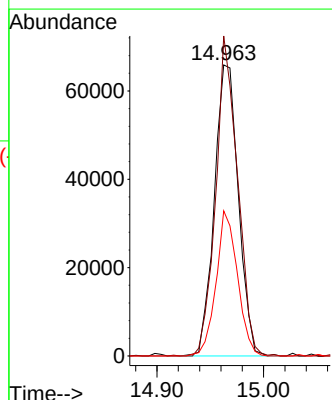
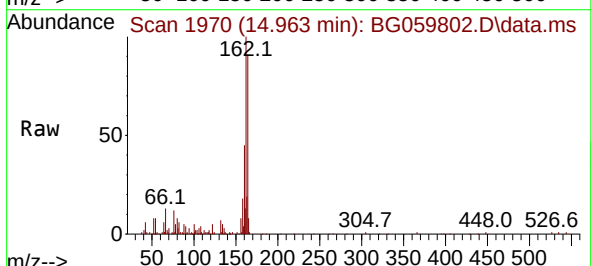
Tgt Ion:164 Resp: 102987

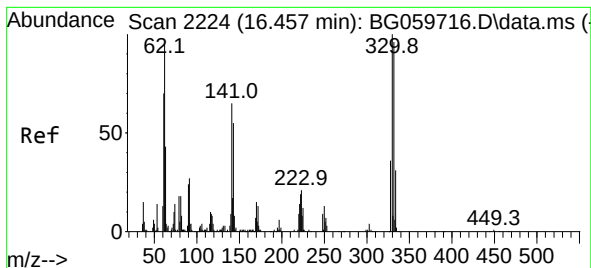
Ion Ratio Lower Upper

164 100

162 110.0 73.3 109.9#

160 49.9 34.1 51.1

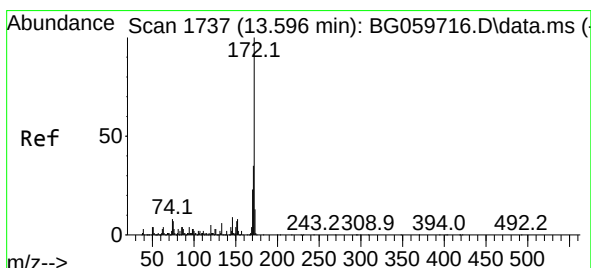
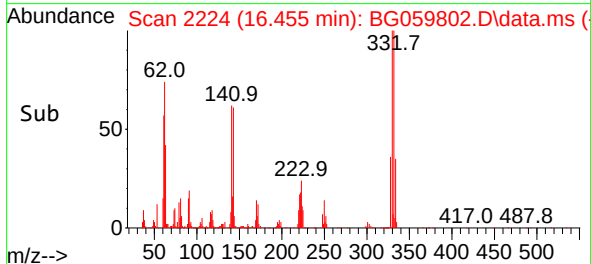
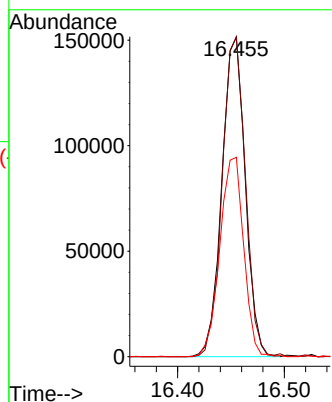
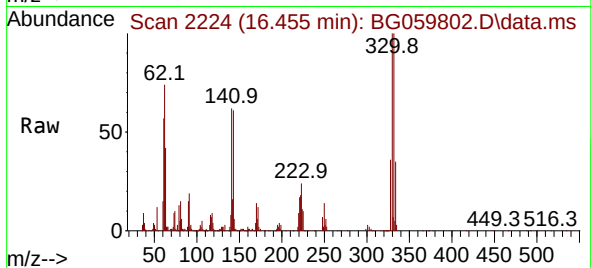




#42
2,4,6-Tribromophenol
Concen: 196.978 ng
RT: 16.455 min Scan# 210
Delta R.T. -0.002 min
Lab File: BG059802.D
Acq: 21 Nov 2023 21:45

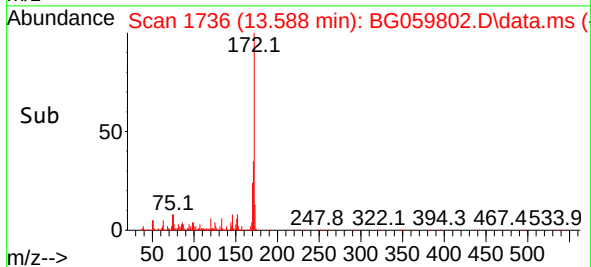
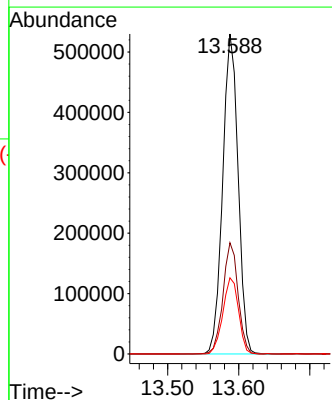
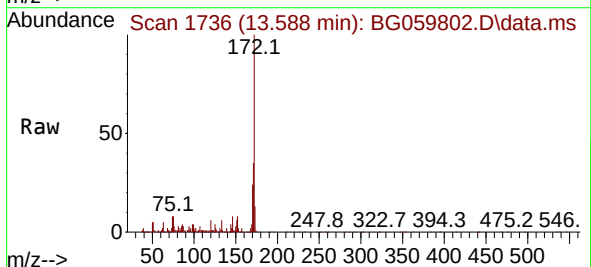
Instrument :
BNA_G
ClientSampleId :
210

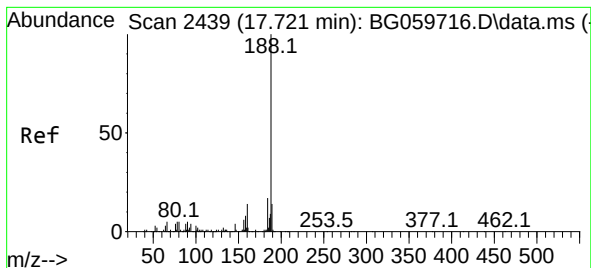
Tgt Ion:330 Resp: 230172
Ion Ratio Lower Upper
330 100
332 99.5 73.3 109.9
141 63.7 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 103.674 ng
RT: 13.588 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BG059802.D
Acq: 21 Nov 2023 21:45

Tgt Ion:172 Resp: 793215
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG059802.D

Acq: 21 Nov 2023 21:45

Instrument :

BNA_G

ClientSampleId :

210

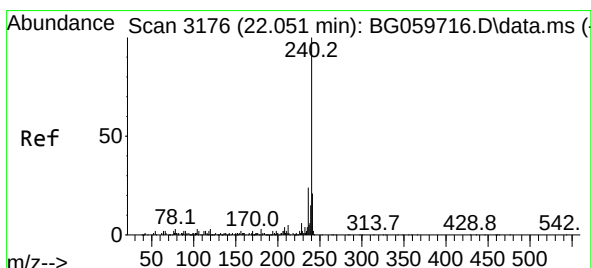
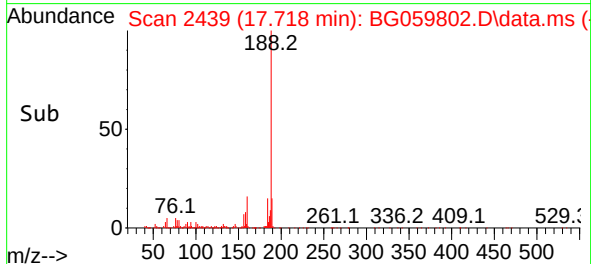
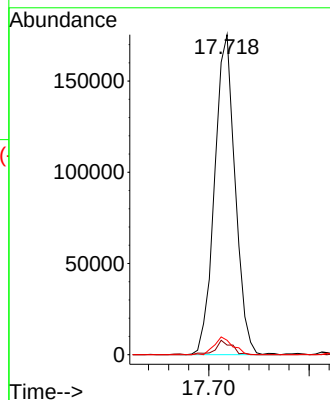
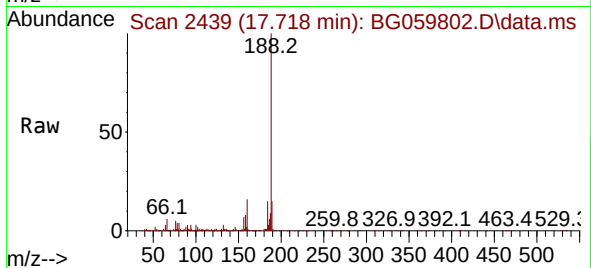
Tgt Ion:188 Resp: 248681

Ion Ratio Lower Upper

188 100

94 4.1 3.0 4.4

80 4.5 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG059802.D

Acq: 21 Nov 2023 21:45

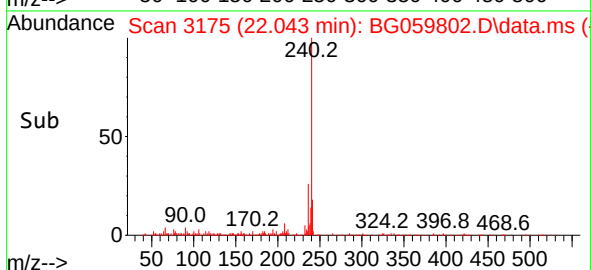
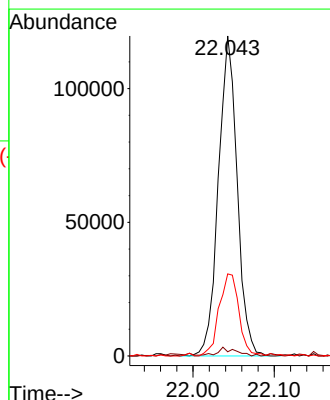
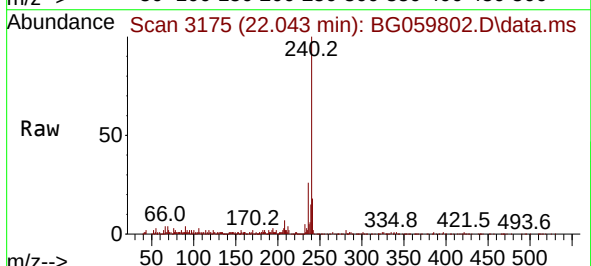
Tgt Ion:240 Resp: 193015

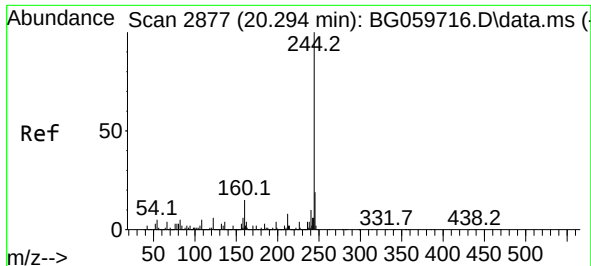
Ion Ratio Lower Upper

240 100

120 1.3 2.2 3.2#

236 25.7 19.4 29.2

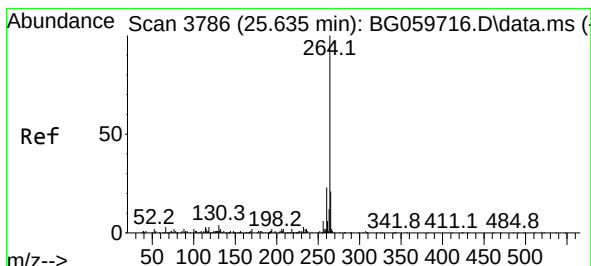
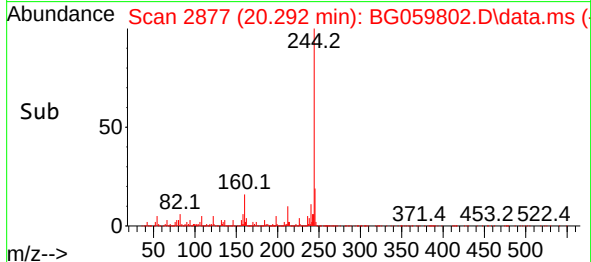
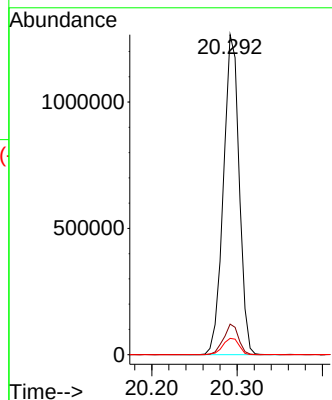
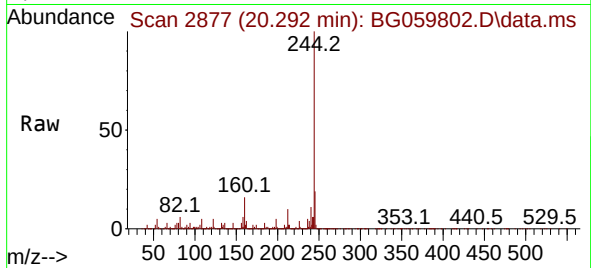




#79
 Terphenyl-d14
 Concen: 124.437 ng
 RT: 20.292 min Scan# 210
 Delta R.T. -0.002 min
 Lab File: BG059802.D
 Acq: 21 Nov 2023 21:45

Instrument :
 BNA_G
 ClientSampleId :
 210

Tgt Ion:244 Resp: 1626981
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.6 10.0
 122 5.1 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 3786
 Delta R.T. -0.002 min
 Lab File: BG059802.D
 Acq: 21 Nov 2023 21:45

Tgt Ion:264 Resp: 217849
 Ion Ratio Lower Upper
 264 100
 260 27.1 18.5 27.7
 265 23.5 17.0 25.6

