

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059741.D
 Acq On : 17 Nov 2023 22:15
 Operator : MA/JU
 Sample : 05311-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Nov 18 04:22:39 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	8.344	152	20192	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	96361	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	76983	20.000	ng	# 0.00
64) Phenanthrene-d10	17.715	188	188289	20.000	ng	# 0.00
76) Chrysene-d12	22.039	240	158663	20.000	ng	#-0.01
86) Perylene-d12	25.623	264	196960	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	112451	93.735	ng	0.00
7) Phenol-d6	7.456	99	177433	99.806	ng	0.00
23) Nitrobenzene-d5	9.536	82	148807	58.979	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	99759	114.210	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	316842	55.400	ng	0.00
79) Terphenyl-d14	20.294	244	662430	61.634	ng	0.00

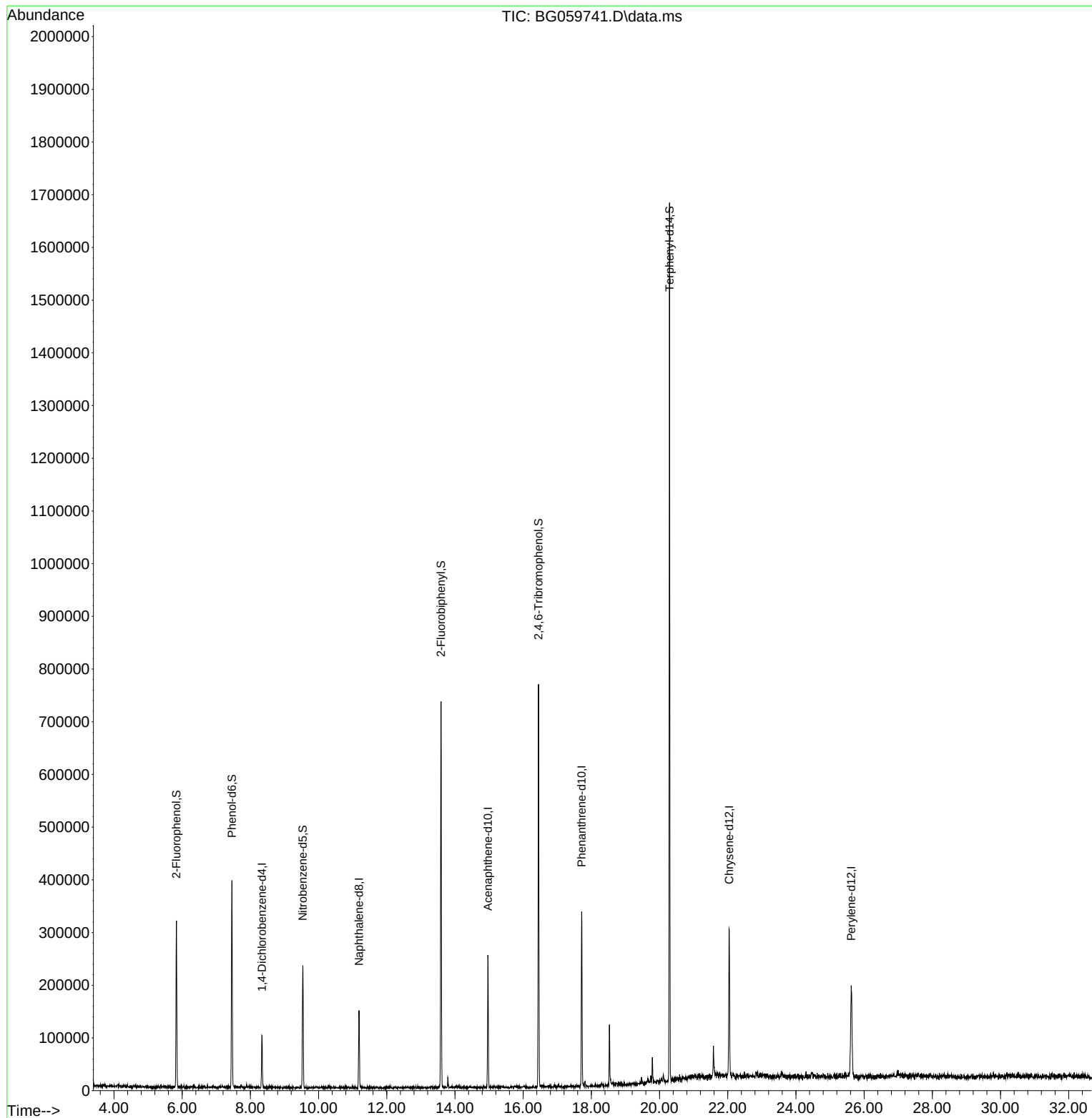
Target Compounds	Qvalue

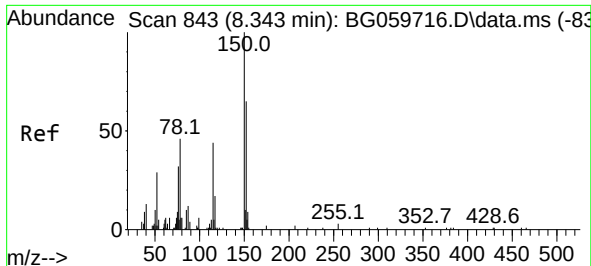
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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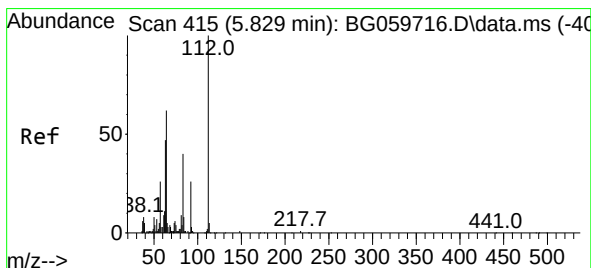
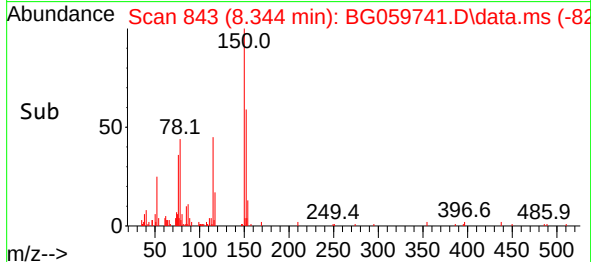
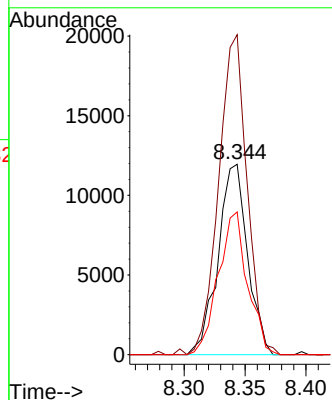
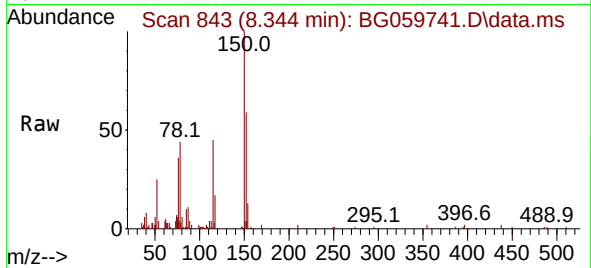




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 843
Delta R.T. 0.001 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

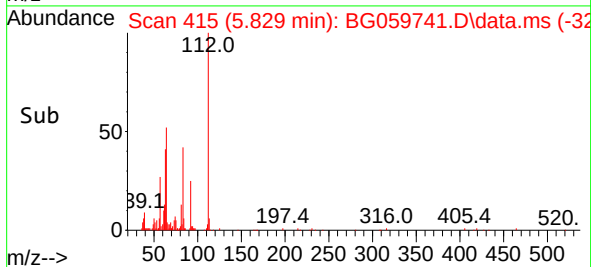
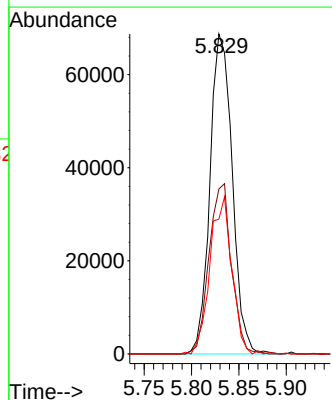
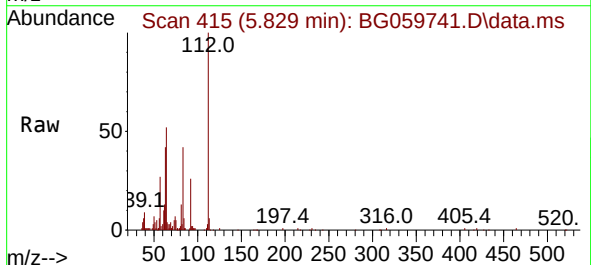
Instrument :
BNA_G
ClientSampleId :
TP-2

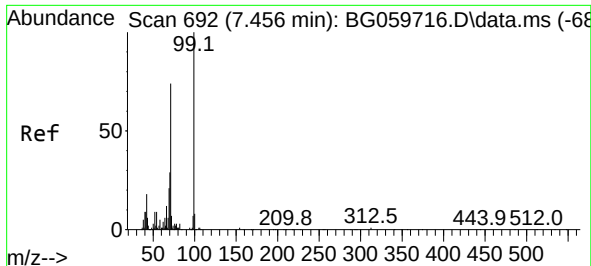
Tgt Ion:152 Resp: 20192
Ion Ratio Lower Upper
152 100
150 168.1 122.2 183.4
115 75.0 54.2 81.4



#5
2-Fluorophenol
Concen: 93.735 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion:112 Resp: 112451
Ion Ratio Lower Upper
112 100
64 51.6 49.5 74.3
63 42.2 37.4 56.2

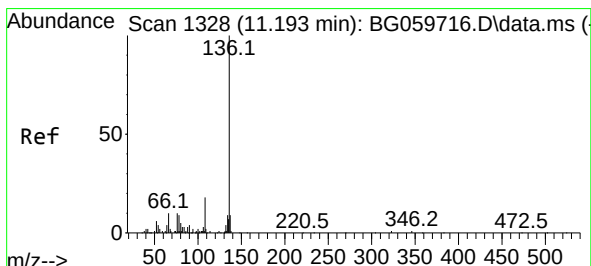
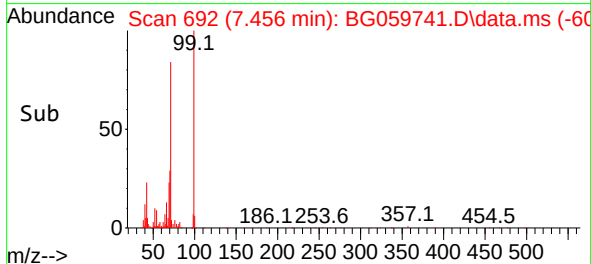
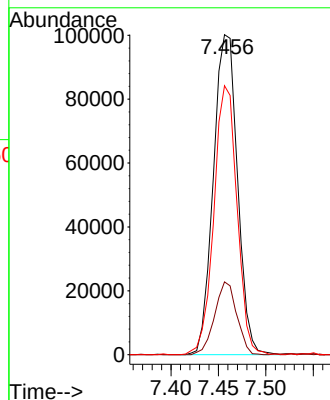
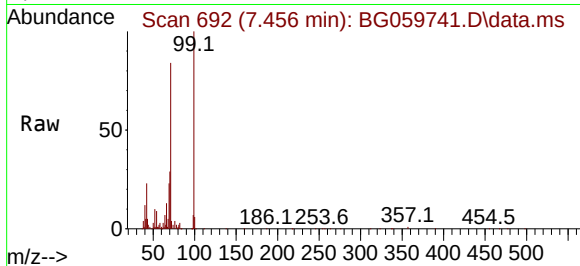




#7
Phenol-d6
Concen: 99.806 ng
RT: 7.456 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

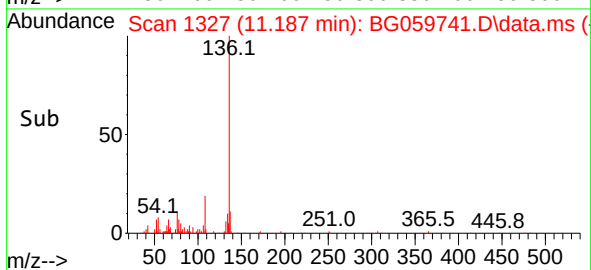
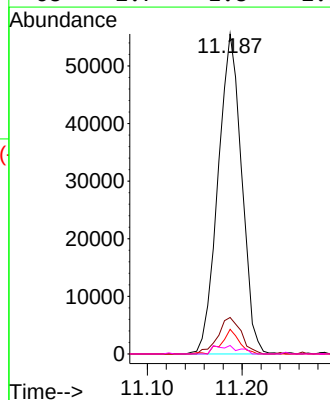
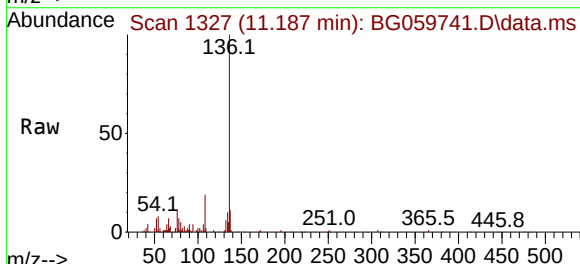
Instrument :
BNA_G
ClientSampleId :
TP-2

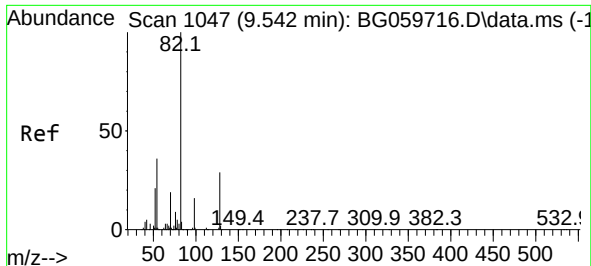
Tgt Ion: 99 Resp: 177433
Ion Ratio Lower Upper
99 100
42 22.7 14.3 21.5#
71 84.1 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion: 136 Resp: 96361
Ion Ratio Lower Upper
136 100
137 11.4 7.4 11.0#
54 7.7 3.1 4.7#
68 2.7 1.8 2.8





#23

Nitrobenzene-d5

Concen: 58.979 ng

RT: 9.536 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG059741.D

Acq: 17 Nov 2023 22:15

Instrument :

BNA_G

ClientSampleId :

TP-2

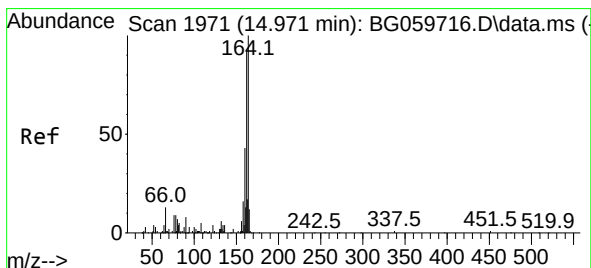
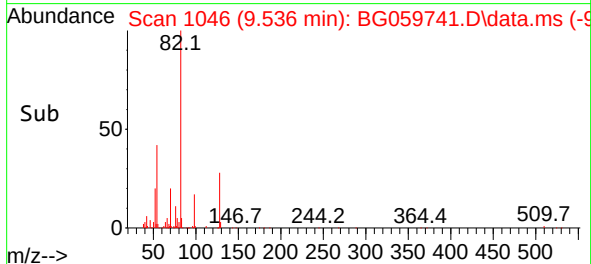
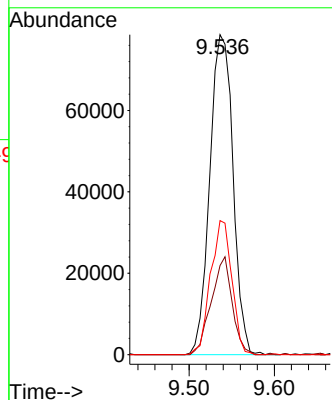
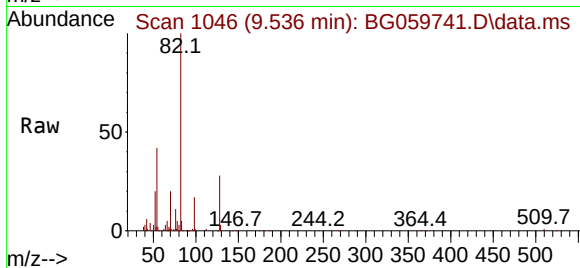
Tgt Ion: 82 Resp: 148807

Ion Ratio Lower Upper

82 100

128 27.9 23.0 34.6

54 41.9 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.965 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BG059741.D

Acq: 17 Nov 2023 22:15

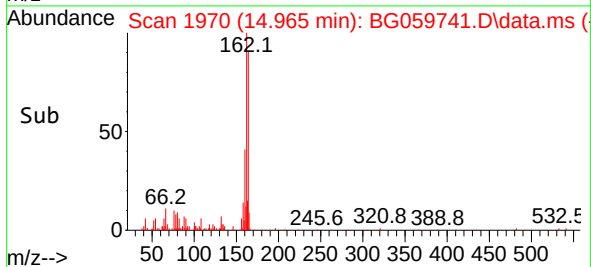
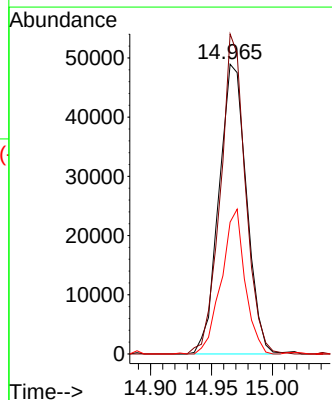
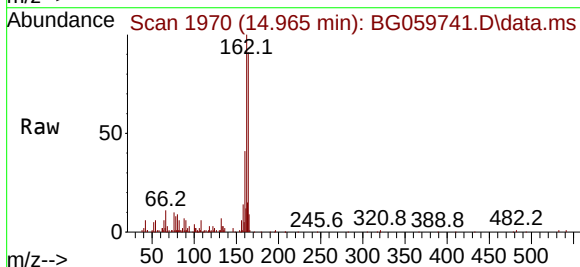
Tgt Ion:164 Resp: 76983

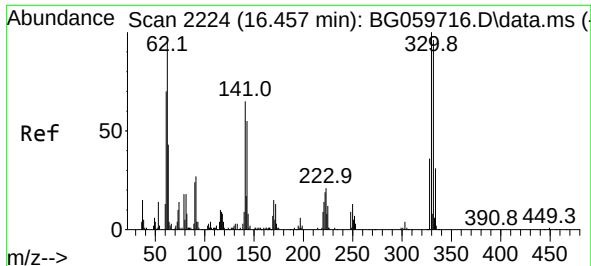
Ion Ratio Lower Upper

164 100

162 110.5 73.3 109.9#

160 45.5 34.1 51.1

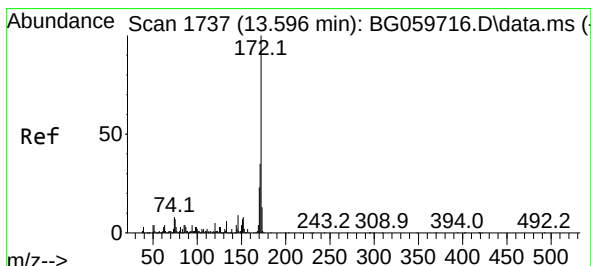
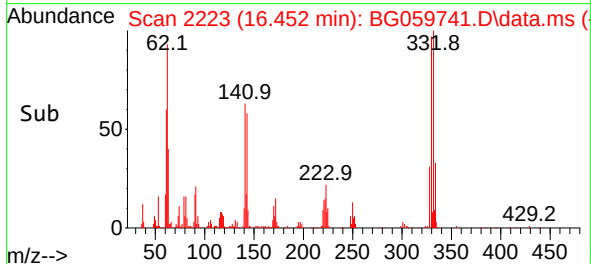
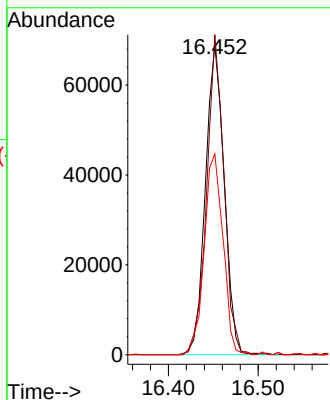
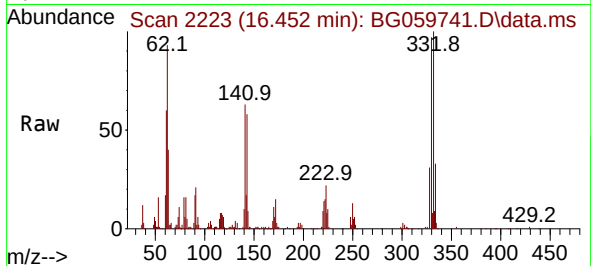




#42
2,4,6-Tribromophenol
Concen: 114.210 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

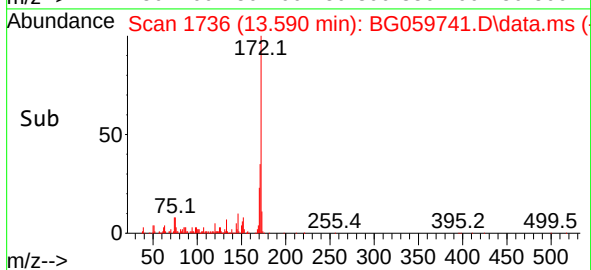
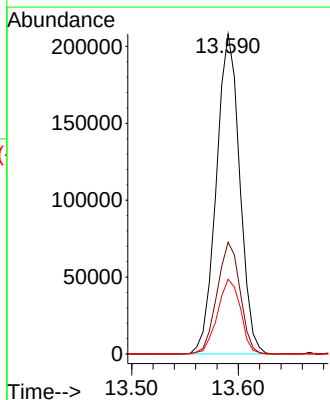
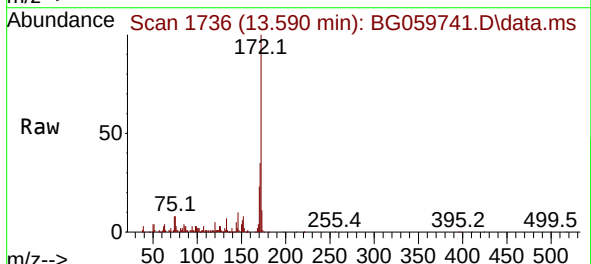
Instrument :
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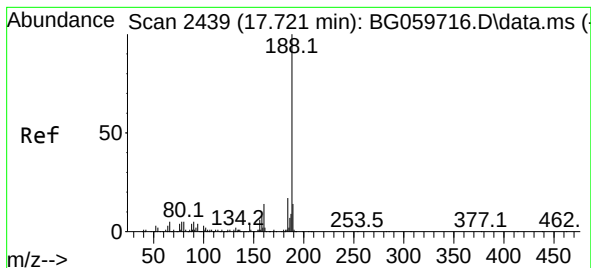
Tgt Ion:330 Resp: 99759
Ion Ratio Lower Upper
330 100
332 95.6 73.3 109.9
141 65.3 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 55.400 ng
RT: 13.590 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion:172 Resp: 316842
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG059741.D

Acq: 17 Nov 2023 22:15

Instrument :

BNA_G

ClientSampleId :

TP-2

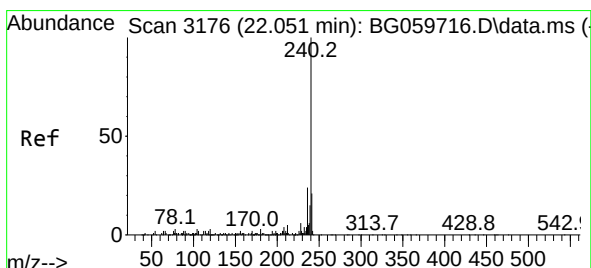
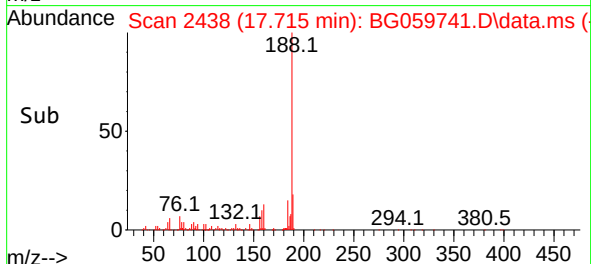
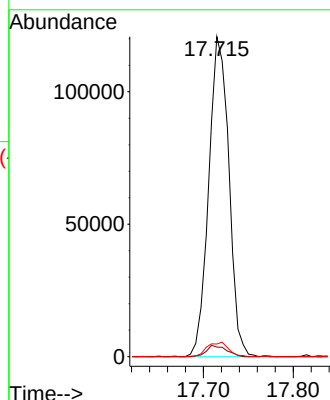
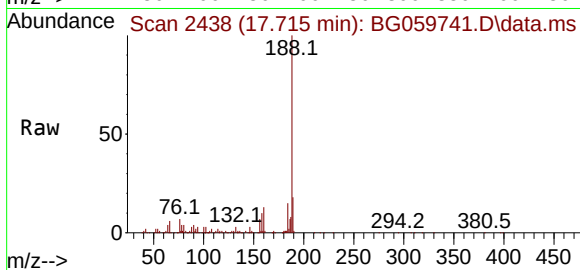
Tgt Ion:188 Resp: 188289

Ion Ratio Lower Upper

188 100

94 3.0 3.0 4.4

80 3.9 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.039 min Scan# 3174

Delta R.T. -0.012 min

Lab File: BG059741.D

Acq: 17 Nov 2023 22:15

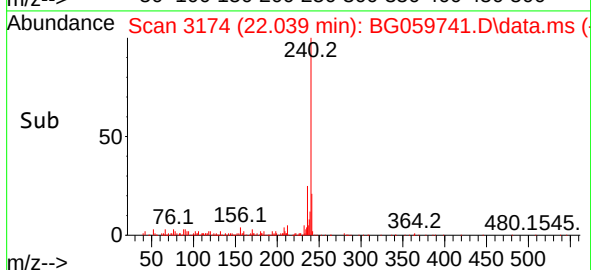
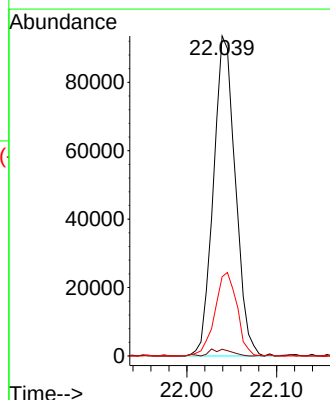
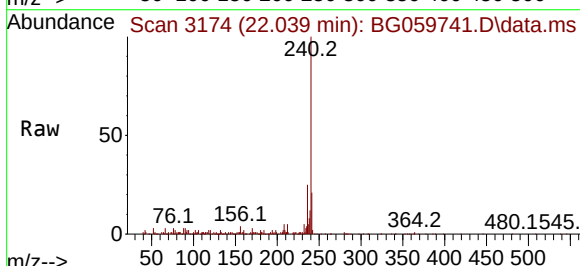
Tgt Ion:240 Resp: 158663

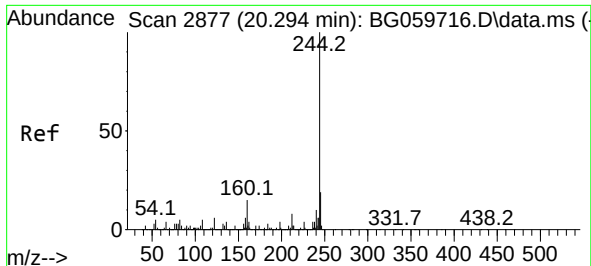
Ion Ratio Lower Upper

240 100

120 2.1 2.2 3.2#

236 24.7 19.4 29.2

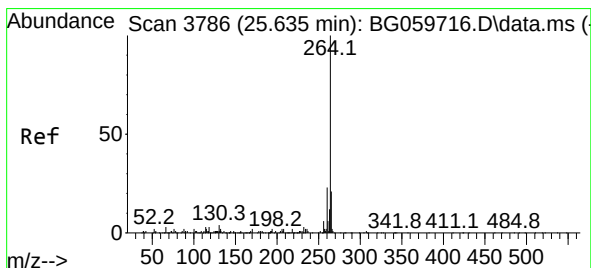
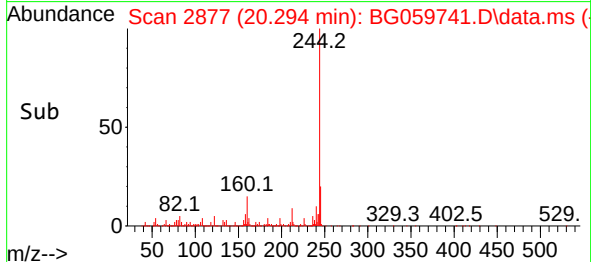
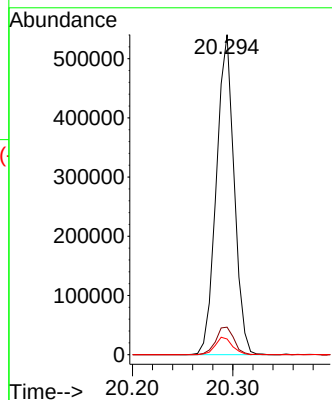
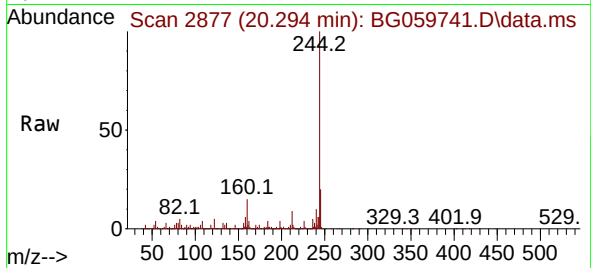




#79
 Terphenyl-d14
 Concen: 61.634 ng
 RT: 20.294 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG059741.D
 Acq: 17 Nov 2023 22:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 662430
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 4.9 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.623 min Scan# 3784
 Delta R.T. -0.012 min
 Lab File: BG059741.D
 Acq: 17 Nov 2023 22:15

Tgt Ion:264 Resp: 196960
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.5 27.7
 265 19.9 17.0 25.6

