

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059823.D
 Acq On : 22 Nov 2023 18:21
 Operator : MA/JU
 Sample : 05432-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Nov 23 01:29:18 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	8.334	152	21261	20.000	ng	# 0.00
21) Naphthalene-d8	11.178	136	94555	20.000	ng	#-0.02
39) Acenaphthene-d10	14.962	164	91165	20.000	ng	# 0.00
64) Phenanthrene-d10	17.711	188	230369	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	193515	20.000	ng	0.00
86) Perylene-d12	25.631	264	232506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	114925	90.981	ng	0.00
7) Phenol-d6	7.453	99	165994	88.677	ng	0.00
23) Nitrobenzene-d5	9.533	82	144598	58.405	ng	0.00
42) 2,4,6-Tribromophenol	16.448	330	118437	114.501	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	387766	57.253	ng	-0.02
79) Terphenyl-d14	20.291	244	809026	61.717	ng	0.00

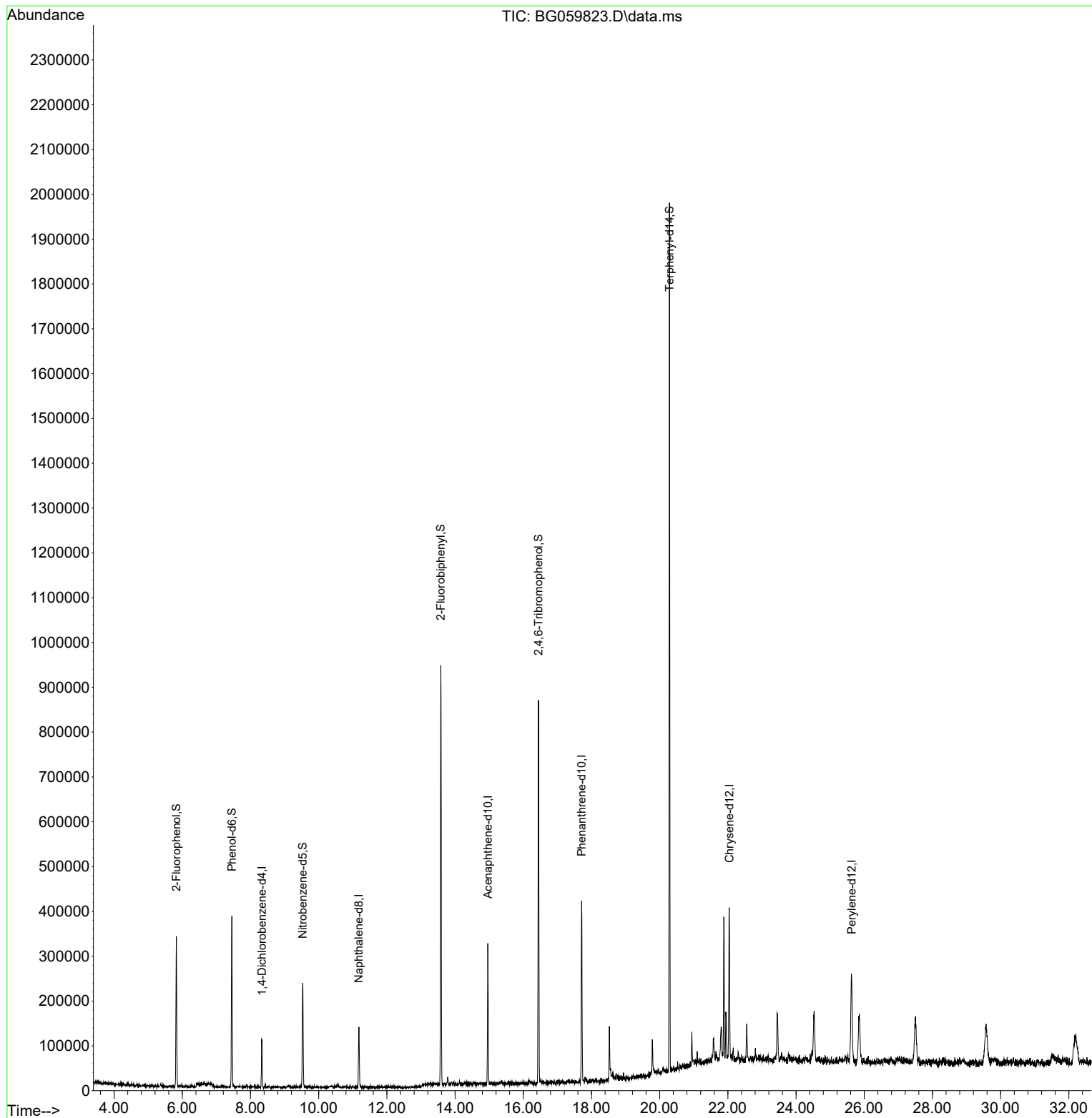
Target Compounds	Qvalue

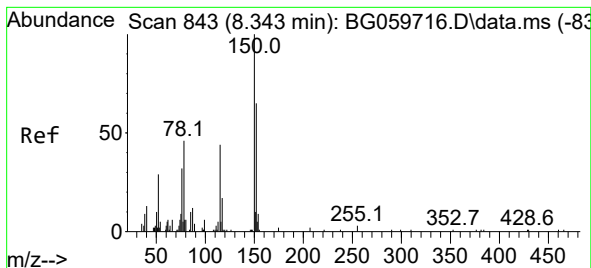
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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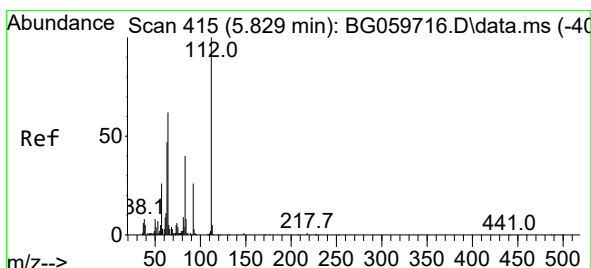
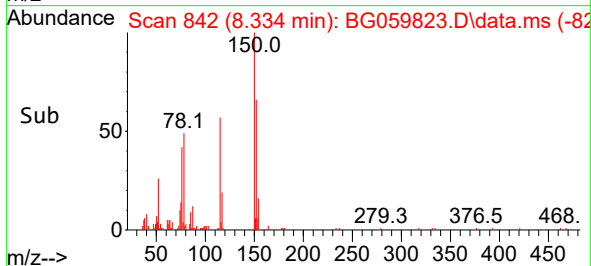
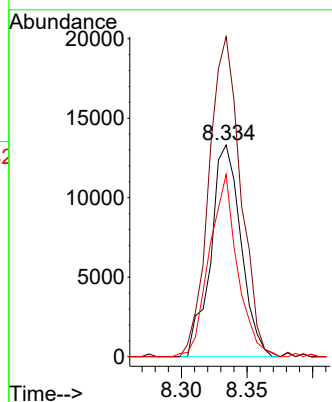
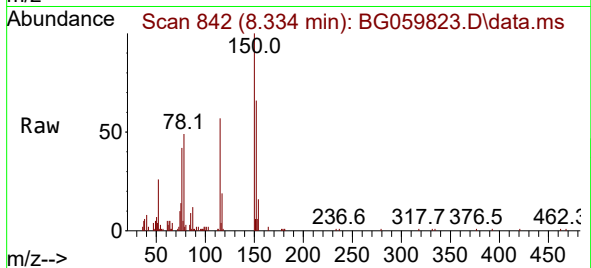




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 843
Delta R.T. -0.009 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

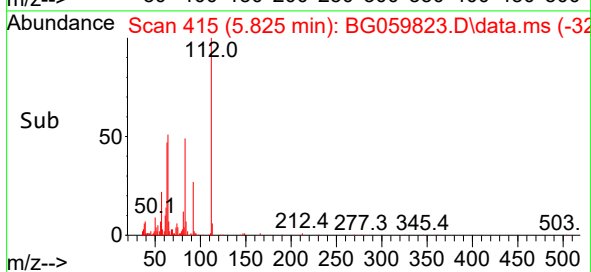
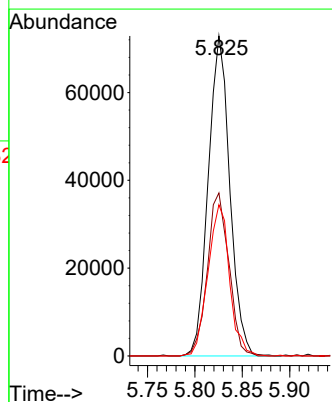
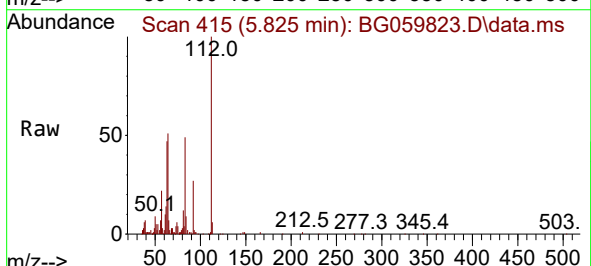
Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 21261
Ion Ratio Lower Upper
152 100
150 151.1 122.2 183.4
115 86.1 54.2 81.4#



#5
2-Fluorophenol
Concen: 90.981 ng
RT: 5.825 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

Tgt Ion:112 Resp: 114925
Ion Ratio Lower Upper
112 100
64 51.0 49.5 74.3
63 47.3 37.4 56.2

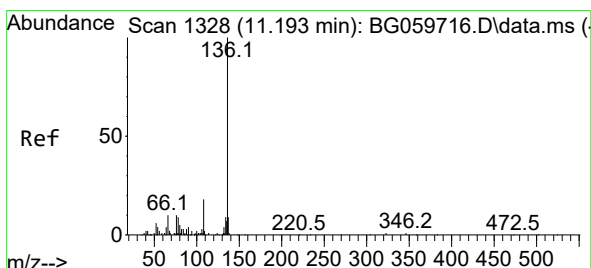
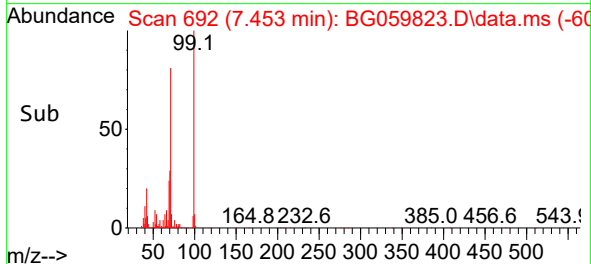
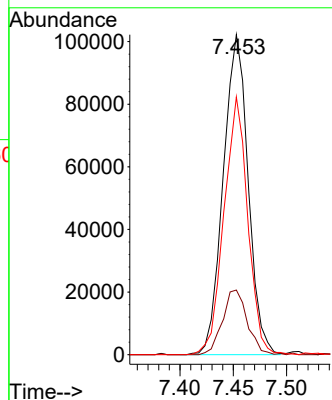
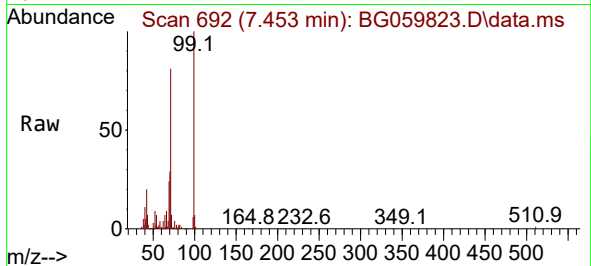




#7
Phenol-d6
Concen: 88.677 ng
RT: 7.453 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

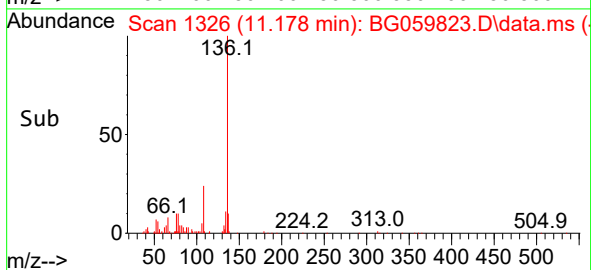
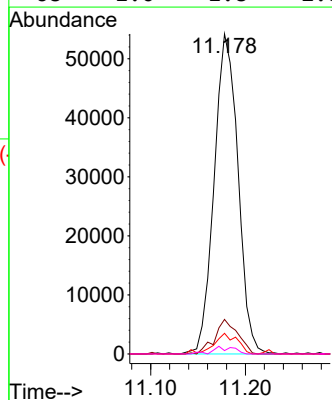
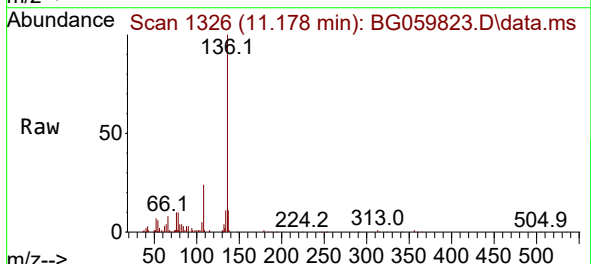
Instrument :
BNA_G
ClientSampleId :
TP-7

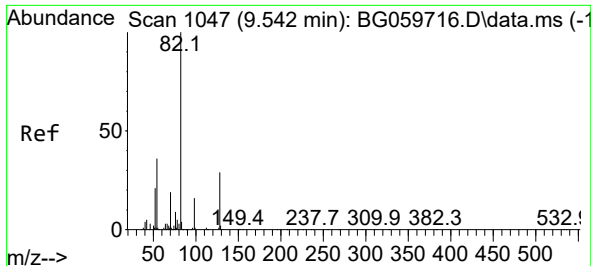
Tgt Ion: 99 Resp: 165994
Ion Ratio Lower Upper
99 100
42 20.2 14.3 21.5
71 80.6 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 1326
Delta R.T. -0.015 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

Tgt Ion: 136 Resp: 94555
Ion Ratio Lower Upper
136 100
137 10.8 7.4 11.0
54 6.5 3.1 4.7#
68 1.0 1.8 2.8#

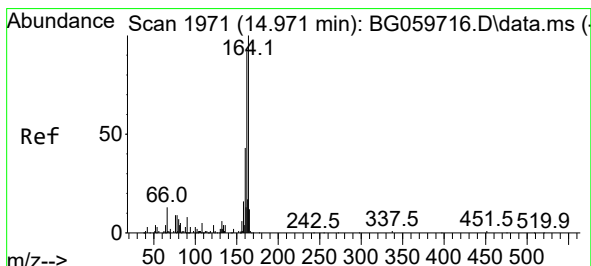
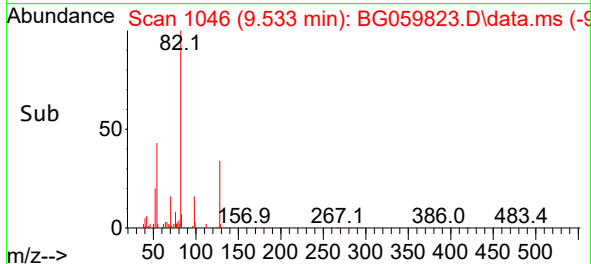
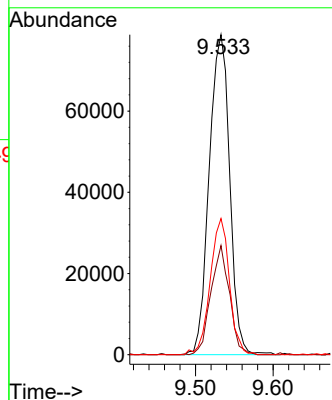
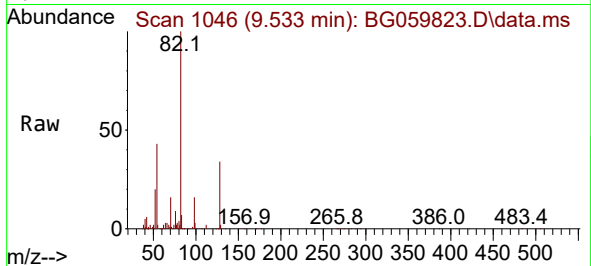




#23
Nitrobenzene-d5
Concen: 58.405 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

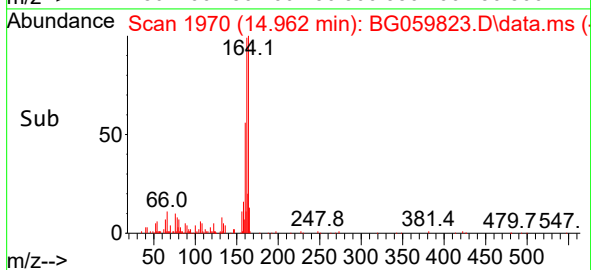
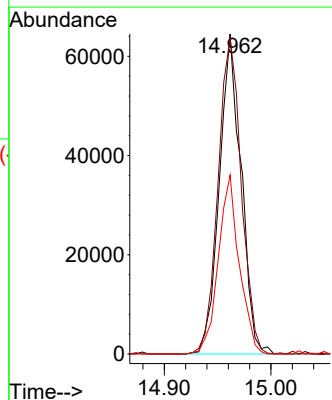
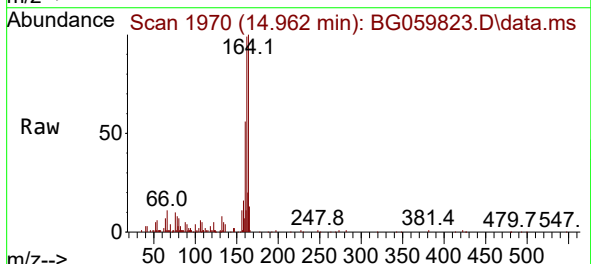
Instrument :
BNA_G
ClientSampleId :
TP-7

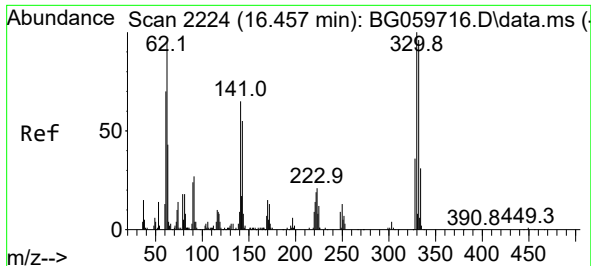
Tgt Ion: 82 Resp: 144598
Ion Ratio Lower Upper
82 100
128 34.1 23.0 34.6
54 42.6 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

Tgt Ion:164 Resp: 91165
Ion Ratio Lower Upper
164 100
162 98.7 73.3 109.9
160 55.9 34.1 51.1#

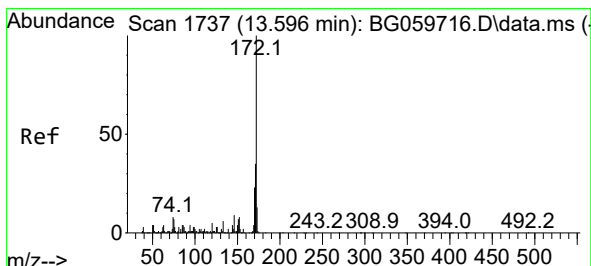
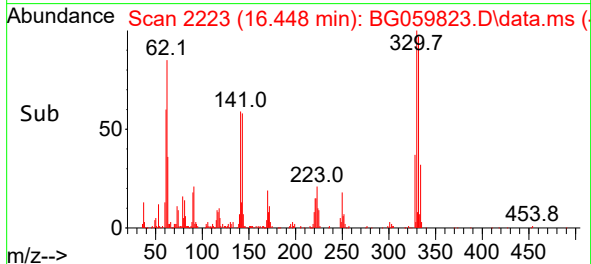
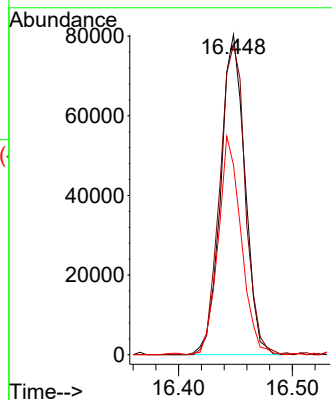
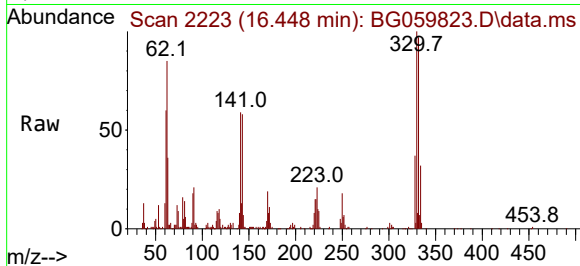




#42
2,4,6-Tribromophenol
Concen: 114.501 ng
RT: 16.448 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

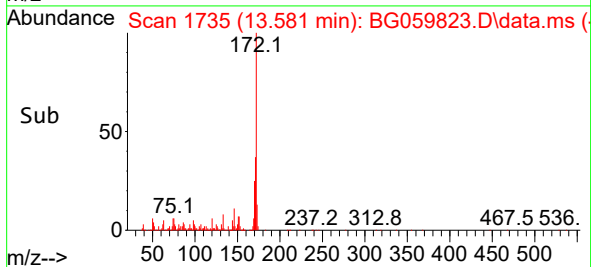
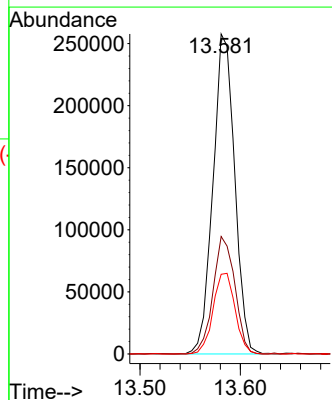
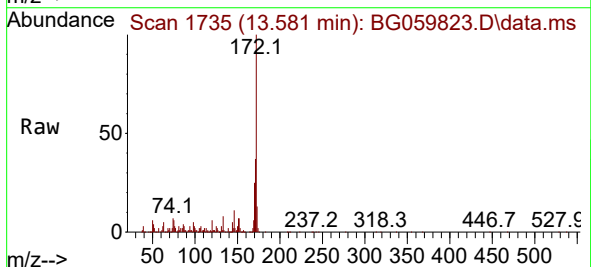
Instrument :
BNA_G
ClientSampleId :
TP-7

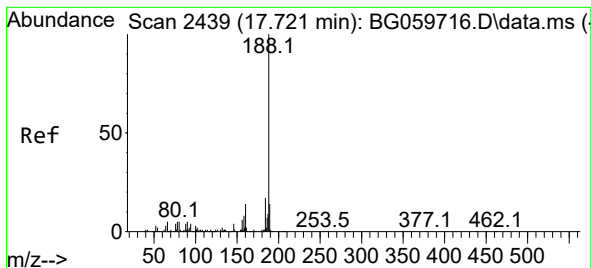
Tgt Ion:330 Resp: 118437
Ion Ratio Lower Upper
330 100
332 102.3 73.3 109.9
141 65.0 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 57.253 ng
RT: 13.581 min Scan# 1735
Delta R.T. -0.015 min
Lab File: BG059823.D
Acq: 22 Nov 2023 18:21

Tgt Ion:172 Resp: 387766
Ion Ratio Lower Upper
172 100
171 36.7 27.7 41.5
170 24.9 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.711 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BG059823.D

Acq: 22 Nov 2023 18:21

Instrument :

BNA_G

ClientSampleId :

TP-7

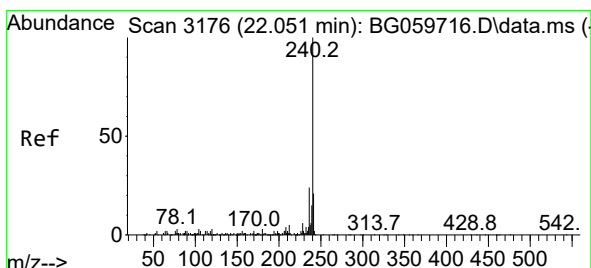
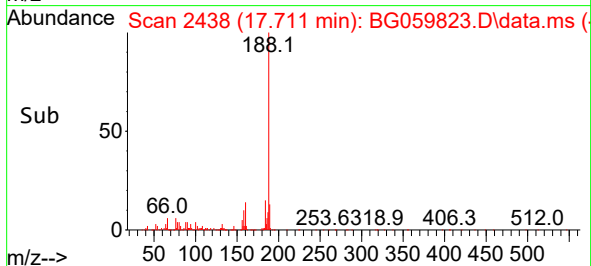
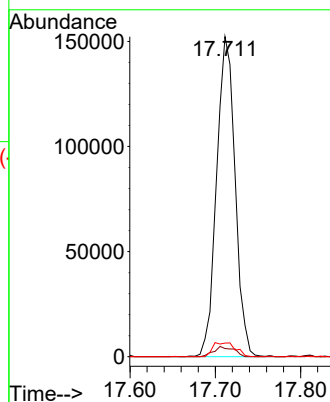
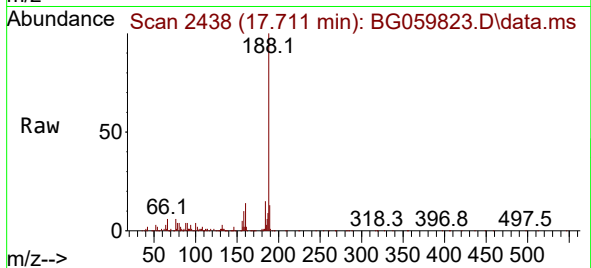
Tgt Ion:188 Resp: 230369

Ion Ratio Lower Upper

188 100

94 2.6 3.0 4.4#

80 4.3 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: BG059823.D

Acq: 22 Nov 2023 18:21

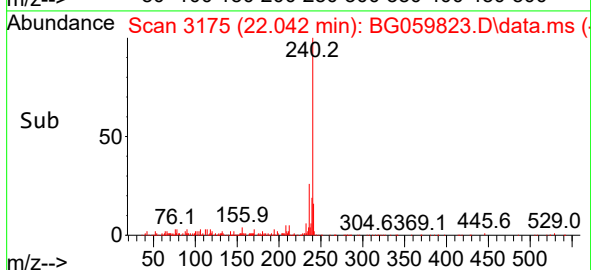
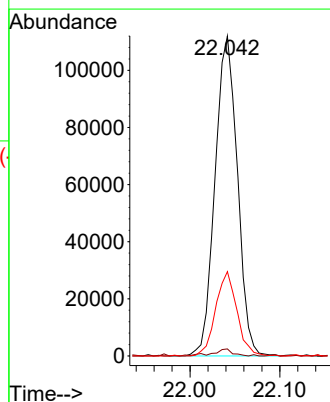
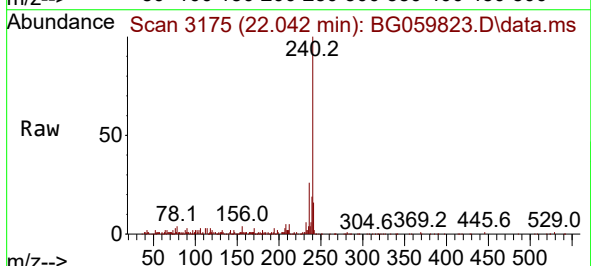
Tgt Ion:240 Resp: 193515

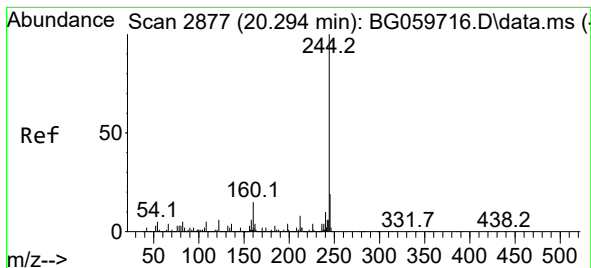
Ion Ratio Lower Upper

240 100

120 2.2 2.2 3.2

236 26.4 19.4 29.2





#79

Terphenyl-d14

Concen: 61.717 ng

RT: 20.291 min Scan# 2877

Delta R.T. -0.003 min

Lab File: BG059823.D

Acq: 22 Nov 2023 18:21

Instrument :

BNA_G

ClientSampleId :

TP-7

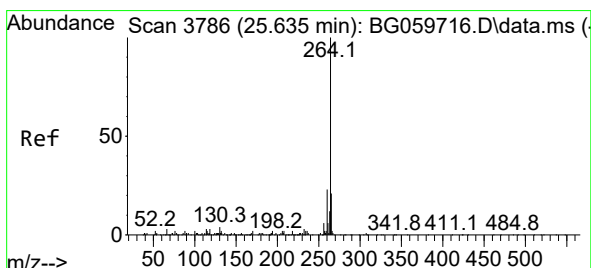
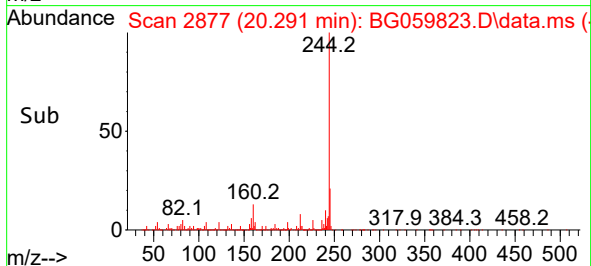
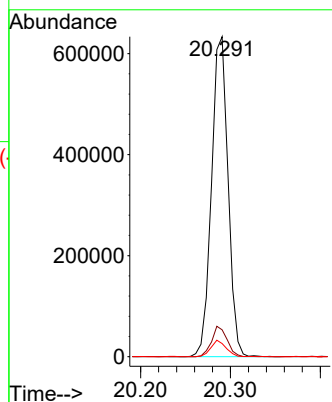
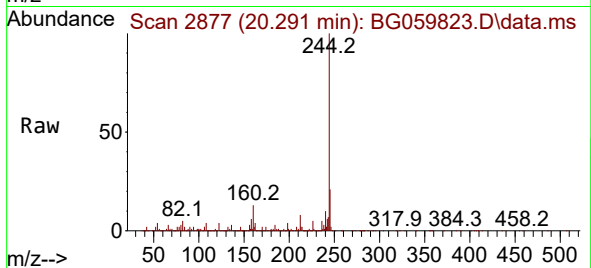
Tgt Ion:244 Resp: 809026

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 4.1 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: BG059823.D

Acq: 22 Nov 2023 18:21

Tgt Ion:264 Resp: 232506

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 21.8 17.0 25.6

