

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059841.D
 Acq On : 23 Nov 2023 7:14
 Operator : MA/JU
 Sample : 05432-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Nov 23 07:51:36 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	8.332	152	21667	20.000	ng	#-0.01
21) Naphthalene-d8	11.176	136	96034	20.000	ng	#-0.02
39) Acenaphthene-d10	14.954	164	86532	20.000	ng	-0.02
64) Phenanthrene-d10	17.709	188	215515	20.000	ng	#-0.01
76) Chrysene-d12	22.040	240	197396	20.000	ng	#-0.01
86) Perylene-d12	25.618	264	220340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	166586	129.407	ng	0.00
7) Phenol-d6	7.457	99	212528	111.408	ng	0.00
23) Nitrobenzene-d5	9.531	82	240179	95.517	ng	-0.01
42) 2,4,6-Tribromophenol	16.446	330	176494	179.763	ng	-0.01
45) 2-Fluorobiphenyl	13.585	172	592546	92.173	ng	-0.01
79) Terphenyl-d14	20.289	244	1388419	103.834	ng	0.00

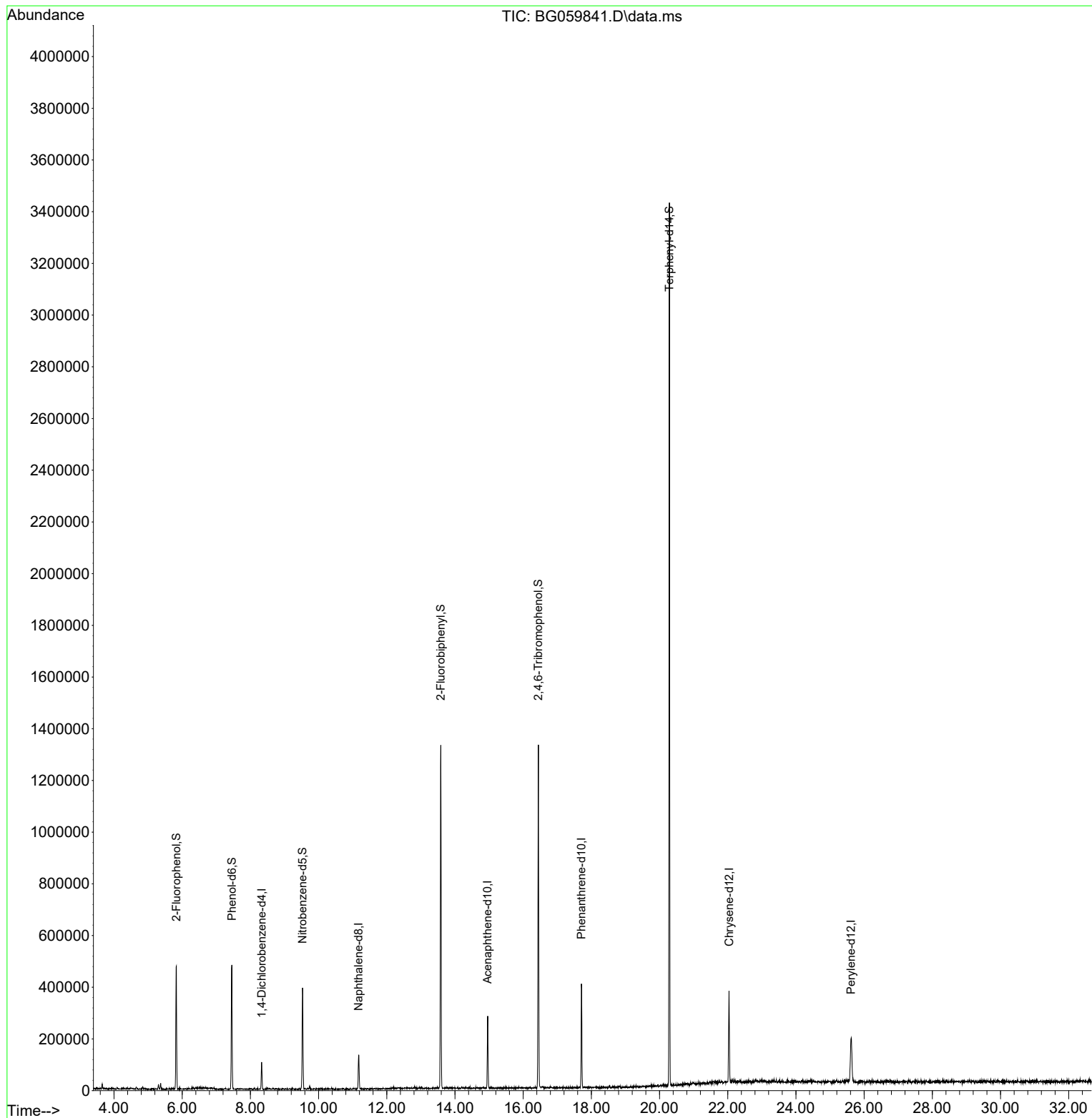
Target Compounds	Qvalue

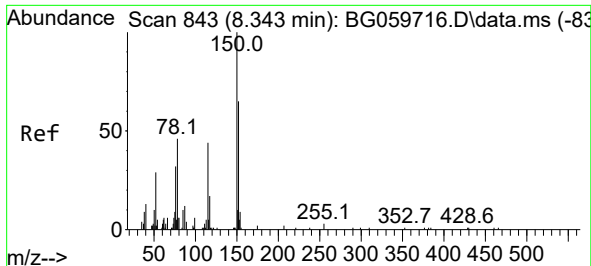
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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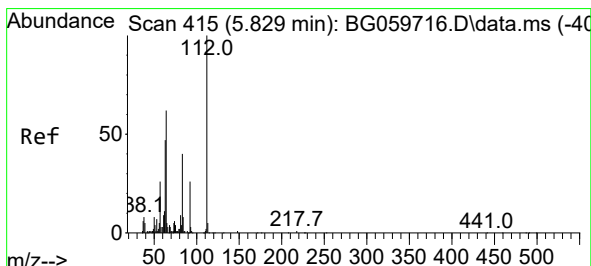
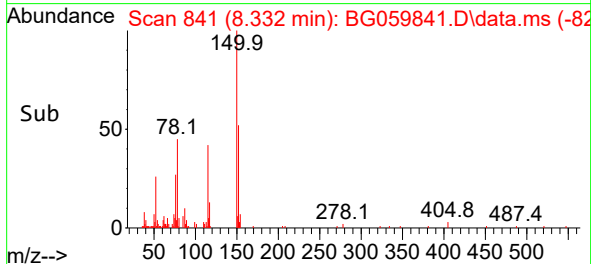
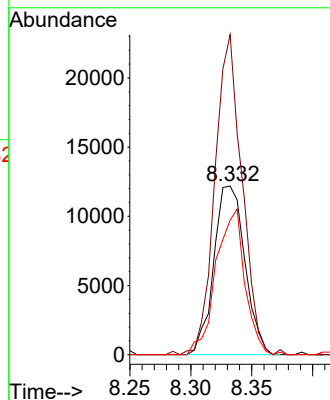
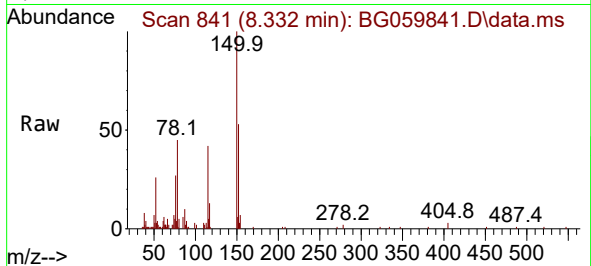




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.332 min Scan# 843
Delta R.T. -0.011 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

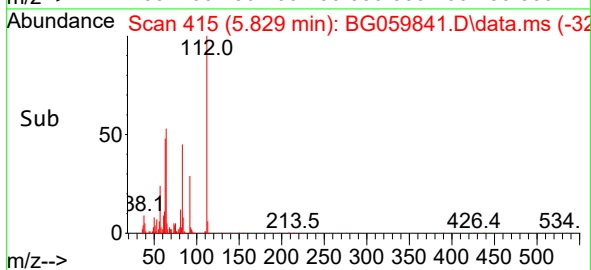
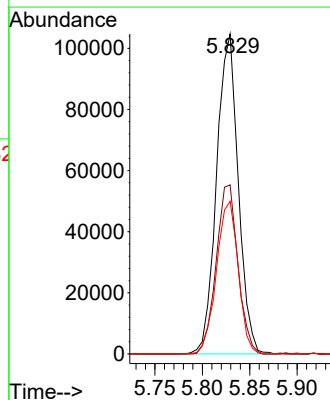
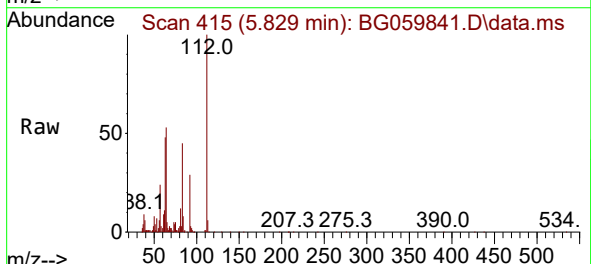
Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 21667
Ion Ratio Lower Upper
152 100
150 189.8 122.2 183.4#
115 79.8 54.2 81.4



#5
2-Fluorophenol
Concen: 129.407 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.001 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

Tgt Ion:112 Resp: 166586
Ion Ratio Lower Upper
112 100
64 52.9 49.5 74.3
63 47.7 37.4 56.2

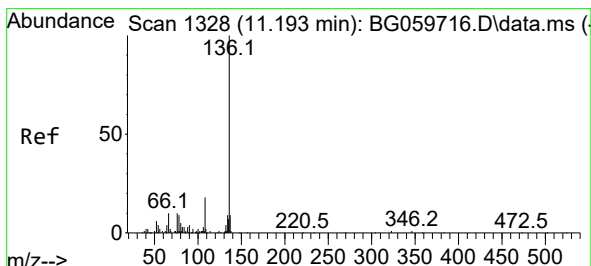
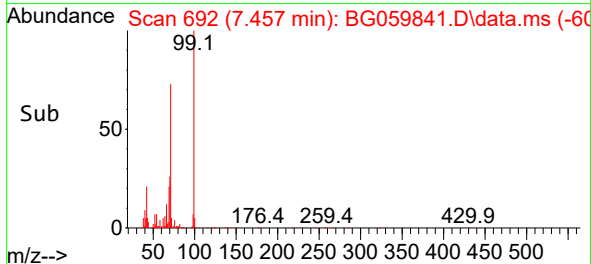
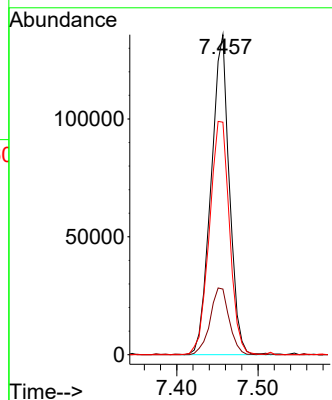
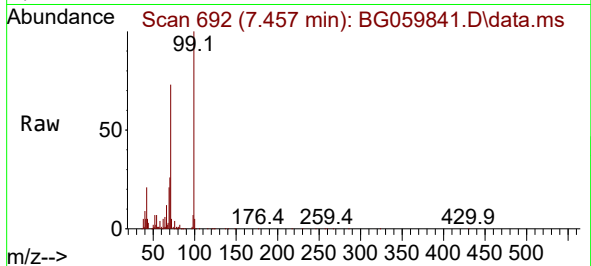




#7
Phenol-d6
Concen: 111.408 ng
RT: 7.457 min Scan# 692
Delta R.T. 0.001 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

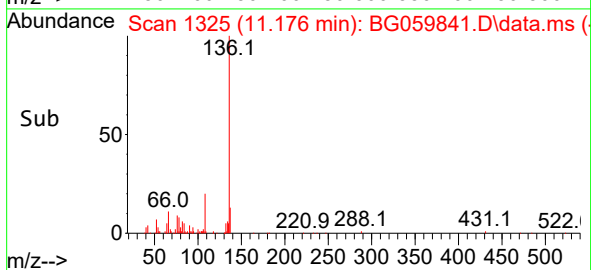
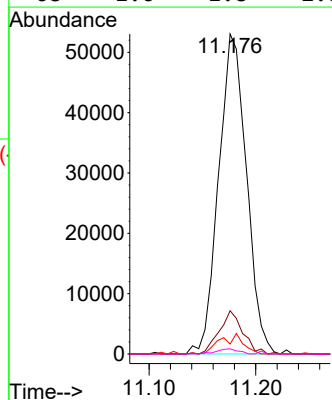
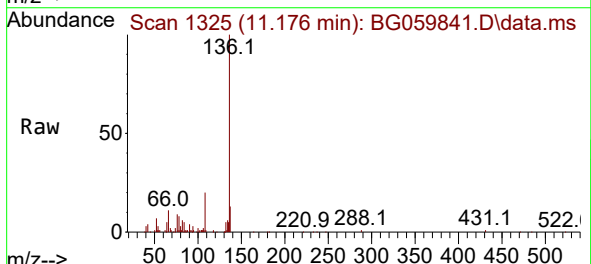
Instrument :
BNA_G
ClientSampleId :
TP-8

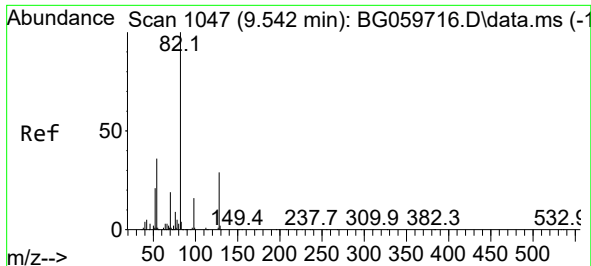
Tgt Ion: 99 Resp: 212528
Ion Ratio Lower Upper
99 100
42 20.5 14.3 21.5
71 72.6 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.176 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

Tgt Ion:136 Resp: 96034
Ion Ratio Lower Upper
136 100
137 13.5 7.4 11.0#
54 3.1 3.1 4.7#
68 1.6 1.8 2.8#

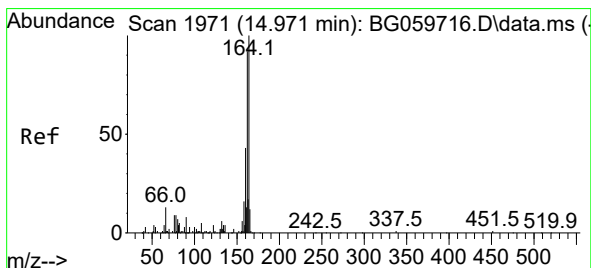
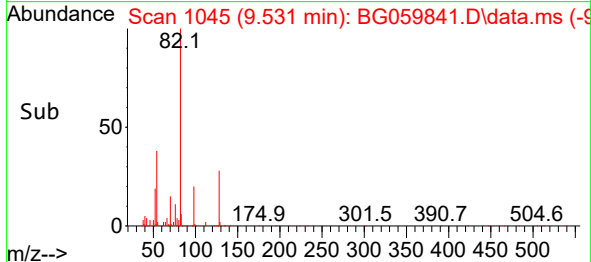
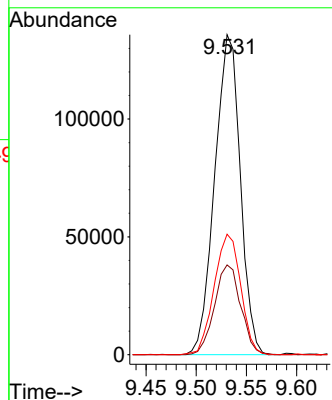
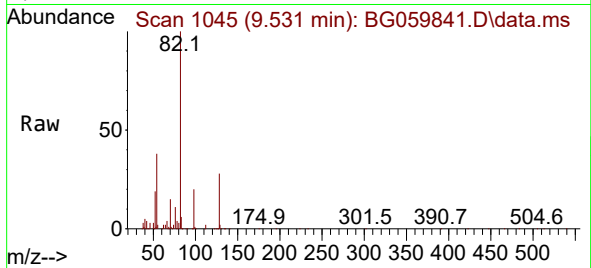




#23
Nitrobenzene-d5
Concen: 95.517 ng
RT: 9.531 min Scan# 1045
Delta R.T. -0.011 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

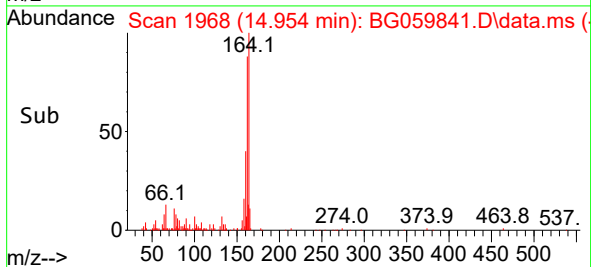
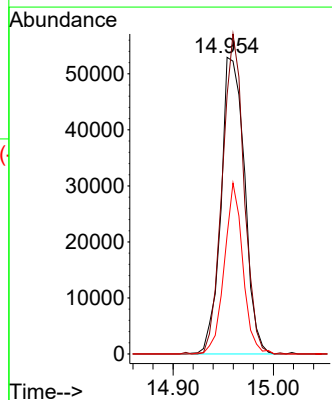
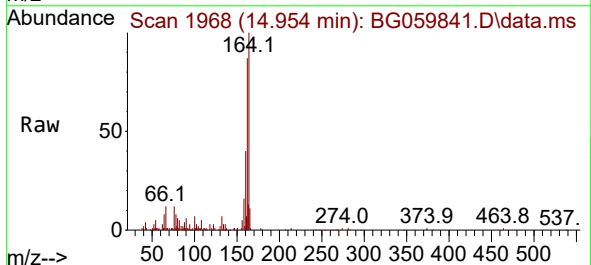
Instrument :
BNA_G
ClientSampleId :
TP-8

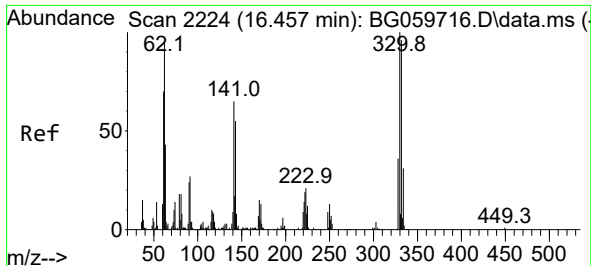
Tgt Ion: 82 Resp: 240179
Ion Ratio Lower Upper
82 100
128 28.1 23.0 34.6
54 37.7 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.954 min Scan# 1968
Delta R.T. -0.017 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

Tgt Ion:164 Resp: 86532
Ion Ratio Lower Upper
164 100
162 87.2 73.3 109.9
160 39.9 34.1 51.1

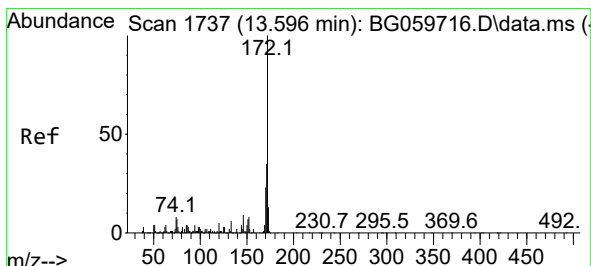
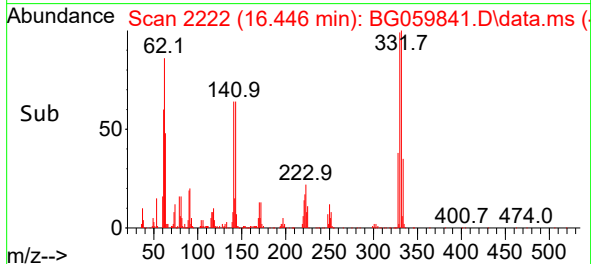
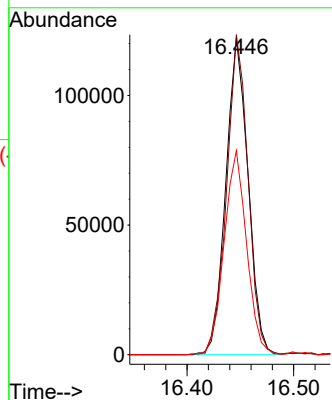
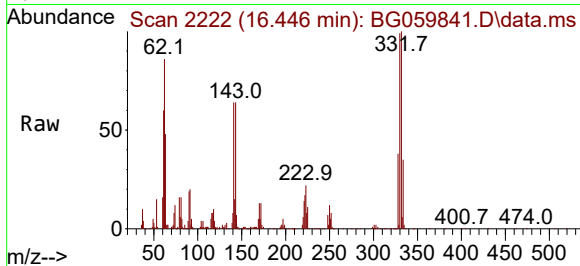




#42
2,4,6-Tribromophenol
Concen: 179.763 ng
RT: 16.446 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

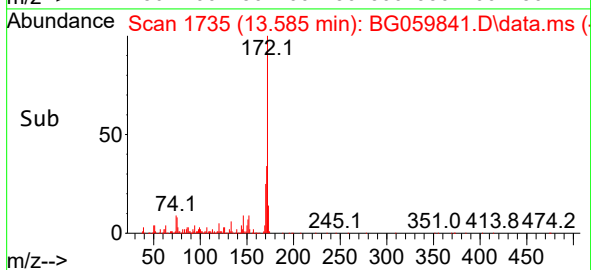
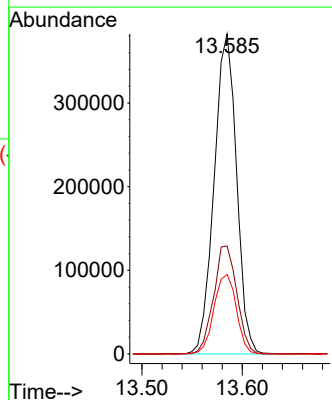
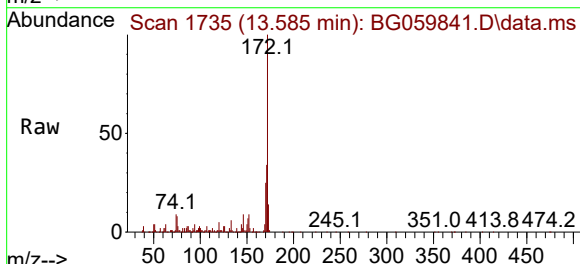
Instrument :
BNA_G
ClientSampleId :
TP-8

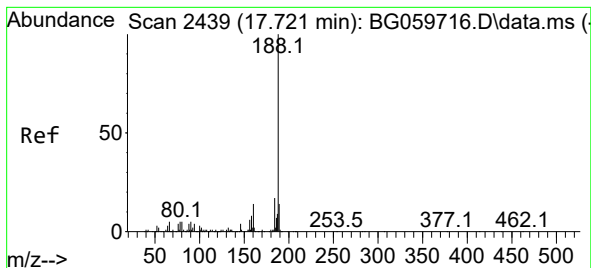
Tgt Ion:330 Resp: 176494
Ion Ratio Lower Upper
330 100
332 98.3 73.3 109.9
141 65.4 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 92.173 ng
RT: 13.585 min Scan# 1735
Delta R.T. -0.011 min
Lab File: BG059841.D
Acq: 23 Nov 2023 7:14

Tgt Ion:172 Resp: 592546
Ion Ratio Lower Upper
172 100
171 33.8 27.7 41.5
170 24.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.709 min Scan# 2437

Delta R.T. -0.011 min

Lab File: BG059841.D

Acq: 23 Nov 2023 7:14

Instrument :

BNA_G

ClientSampleId :

TP-8

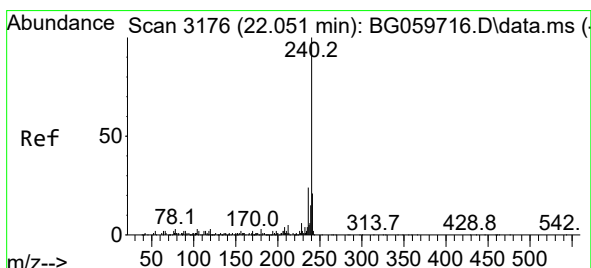
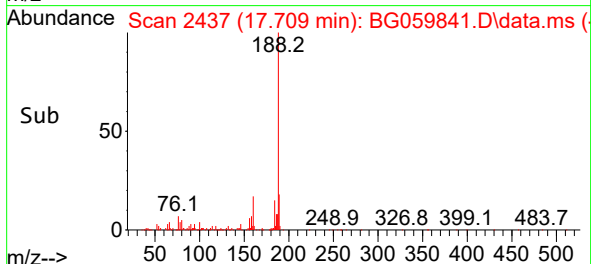
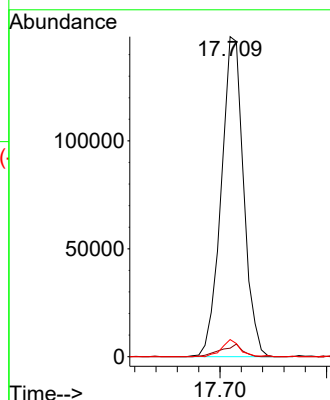
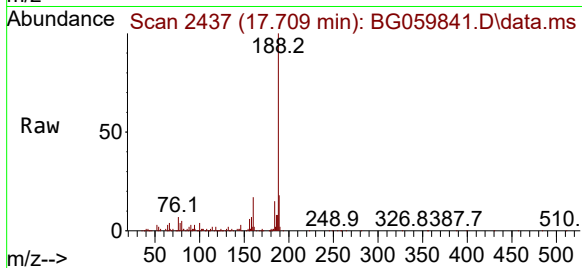
Tgt Ion:188 Resp: 215515

Ion Ratio Lower Upper

188 100

94 2.7 3.0 4.4#

80 5.4 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.040 min Scan# 3174

Delta R.T. -0.011 min

Lab File: BG059841.D

Acq: 23 Nov 2023 7:14

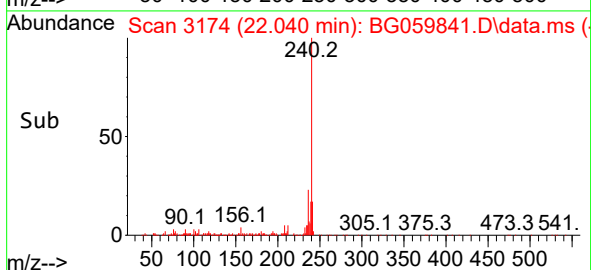
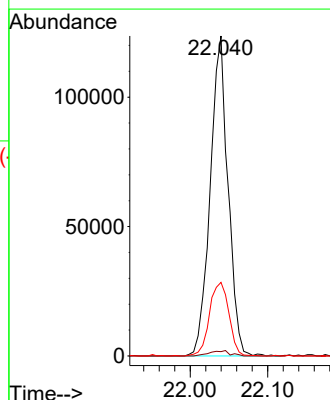
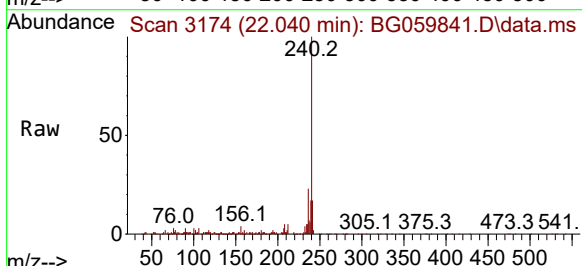
Tgt Ion:240 Resp: 197396

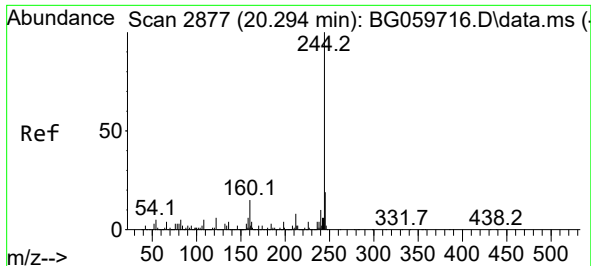
Ion Ratio Lower Upper

240 100

120 1.3 2.2 3.2#

236 23.0 19.4 29.2

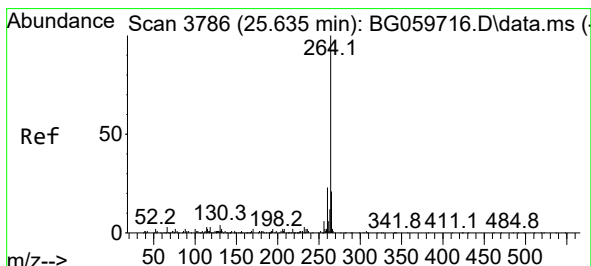
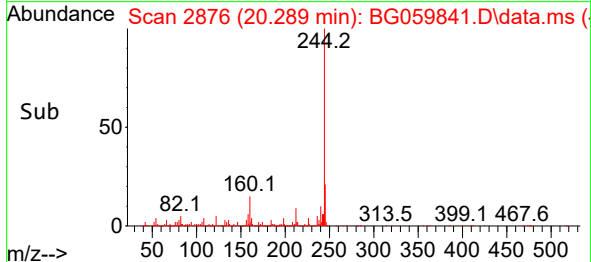
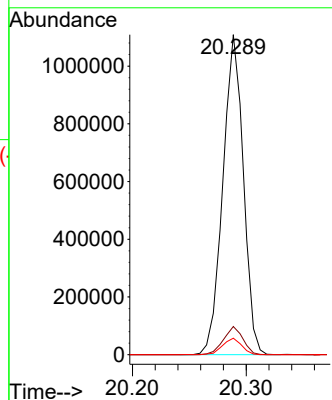
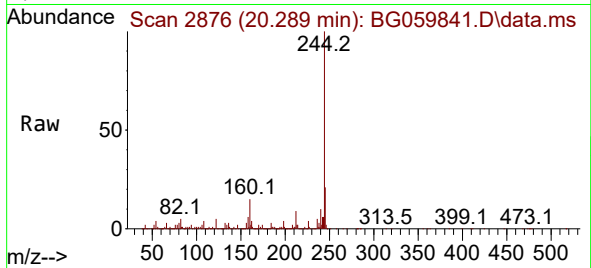




#79
 Terphenyl-d14
 Concen: 103.834 ng
 RT: 20.289 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG059841.D
 Acq: 23 Nov 2023 7:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 1388419
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 5.2 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.618 min Scan# 3783
 Delta R.T. -0.017 min
 Lab File: BG059841.D
 Acq: 23 Nov 2023 7:14

Tgt Ion:264 Resp: 220340
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 22.2 17.0 25.6

