

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059850.D
 Acq On : 23 Nov 2023 13:19
 Operator : MA/JU
 Sample : 05432-01 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Nov 24 00:20:08 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)

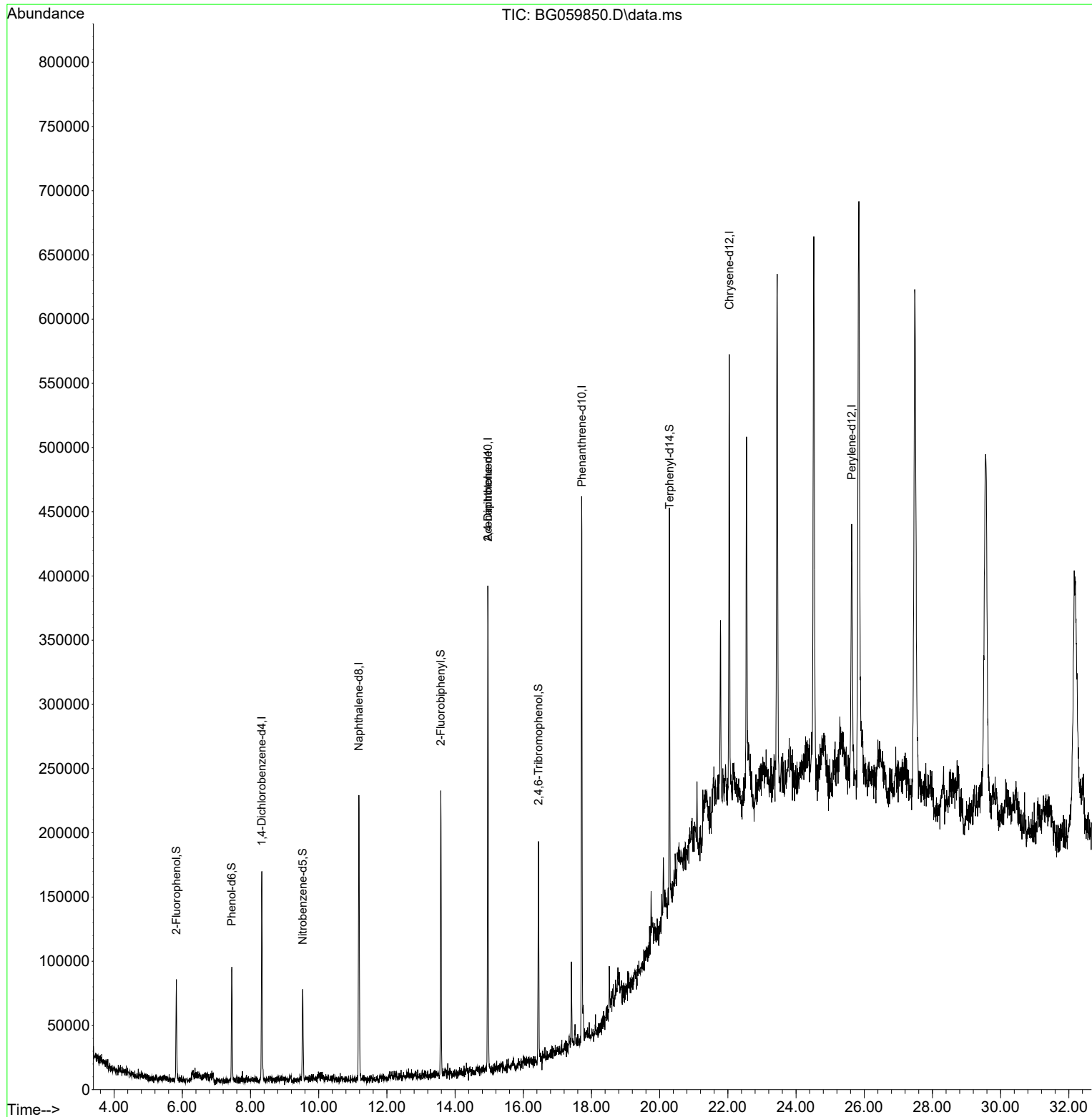
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	36390	20.000	ng	-0.01
21) Naphthalene-d8	11.178	136	163140	20.000	ng	-0.01
39) Acenaphthene-d10	14.962	164	123436	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	233324	20.000	ng	0.00
76) Chrysene-d12	22.042	240	196935	20.000	ng	# 0.00
86) Perylene-d12	25.632	264	246798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	28652	13.252	ng	0.00
7) Phenol-d6	7.447	99	45909	14.329	ng	0.00
23) Nitrobenzene-d5	9.533	82	45533	10.660	ng	0.00
42) 2,4,6-Tribromophenol	16.448	330	23082	16.481	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	91691	9.999	ng	-0.01
79) Terphenyl-d14	20.291	244	121389	9.099	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.962	165	16117	5.775	ng	# 6

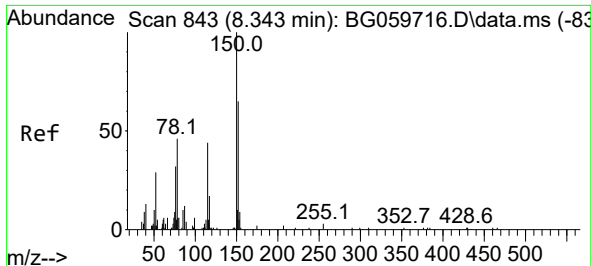
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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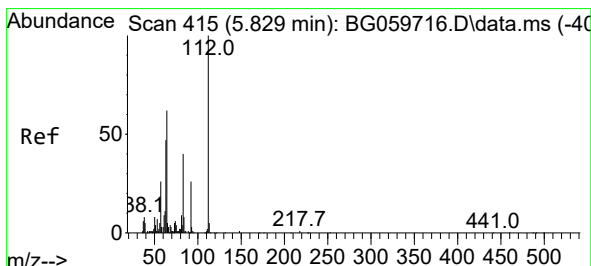
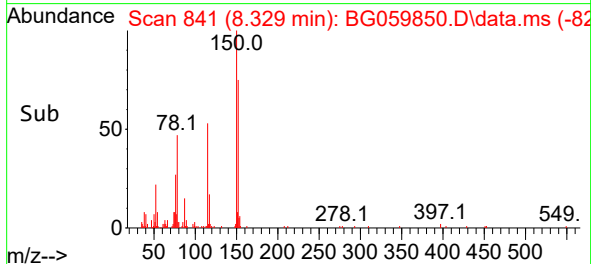
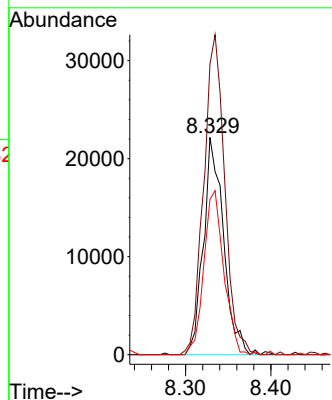
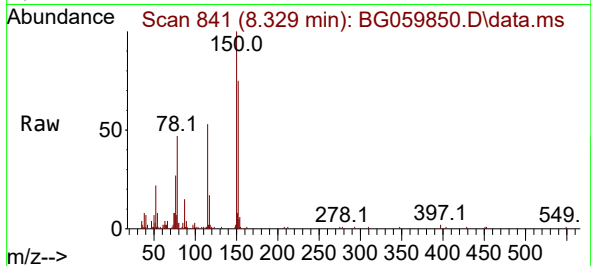




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 843
Delta R.T. -0.014 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

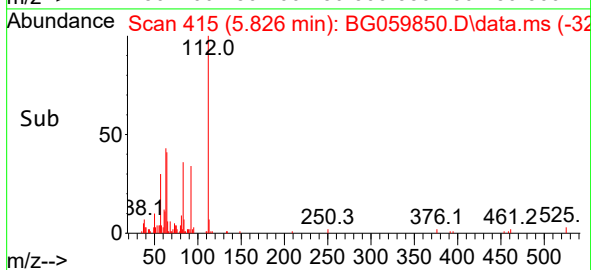
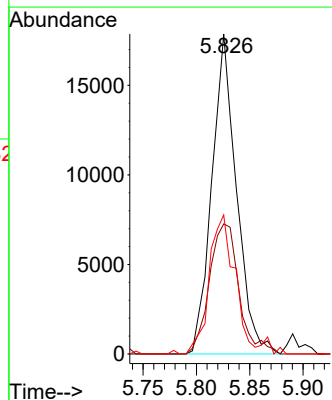
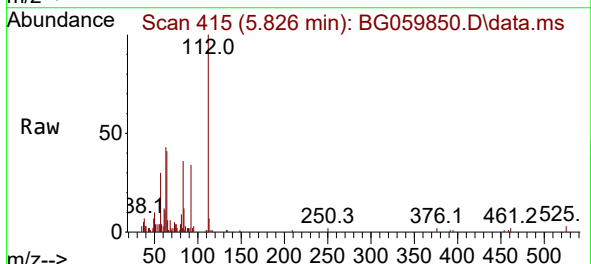
Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 36390
Ion Ratio Lower Upper
152 100
150 133.7 122.2 183.4
115 71.5 54.2 81.4



#5
2-Fluorophenol
Concen: 13.252 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

Tgt Ion:112 Resp: 28652
Ion Ratio Lower Upper
112 100
64 40.6 49.5 74.3#
63 43.4 37.4 56.2

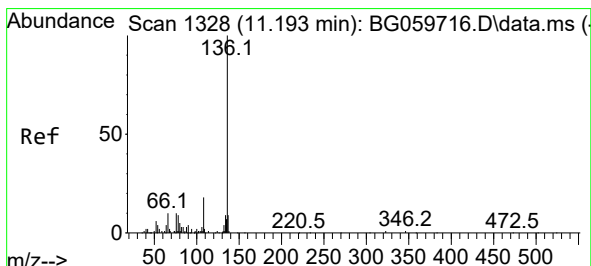
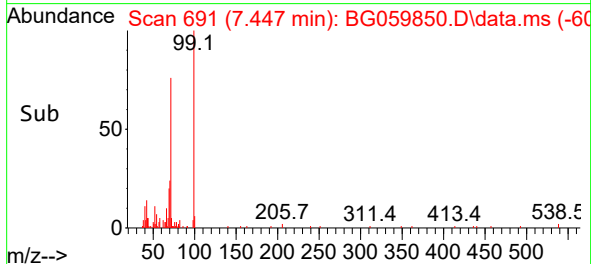
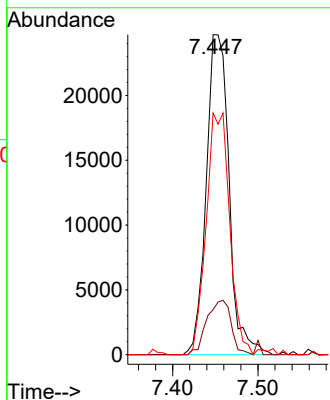
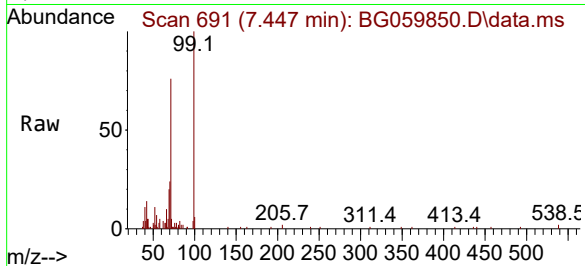




#7
Phenol-d6
Concen: 14.329 ng
RT: 7.447 min Scan# 691
Delta R.T. -0.009 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

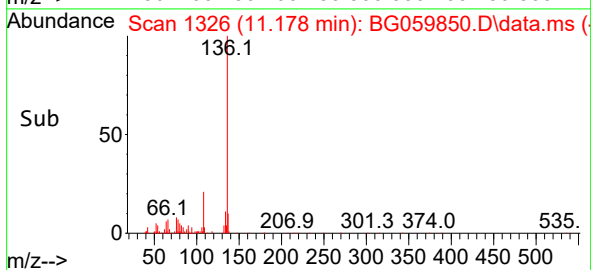
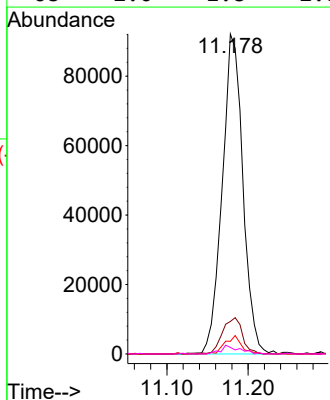
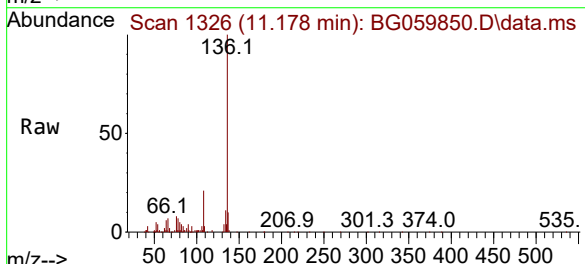
Instrument :
BNA_G
ClientSampleId :
TP-6

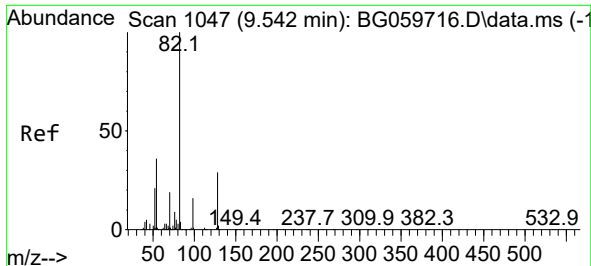
Tgt Ion: 99 Resp: 45909
Ion Ratio Lower Upper
99 100
42 14.1 14.3 21.5#
71 75.6 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 1326
Delta R.T. -0.015 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

Tgt Ion:136 Resp: 163140
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.0
54 4.0 3.1 4.7
68 2.0 1.8 2.8

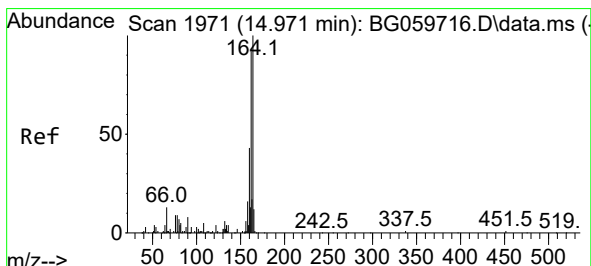
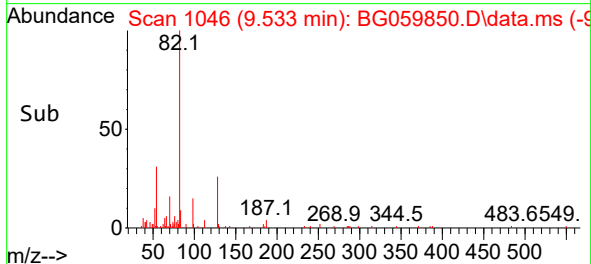
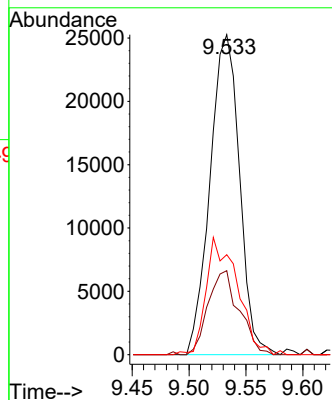
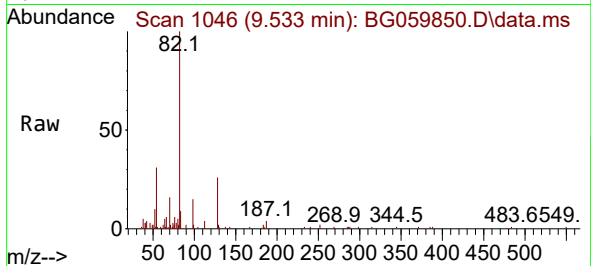




#23
Nitrobenzene-d5
Concen: 10.660 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

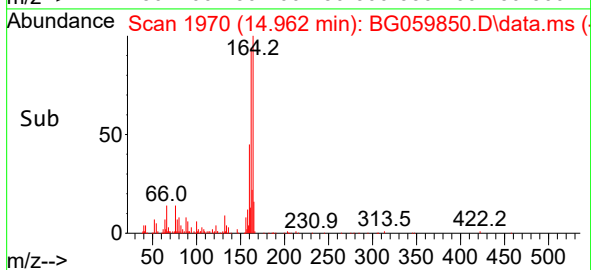
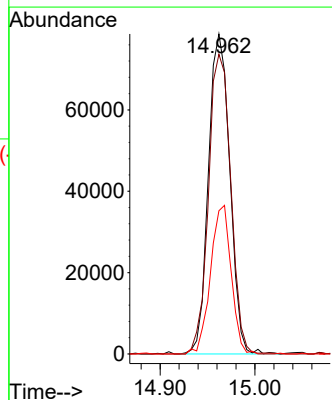
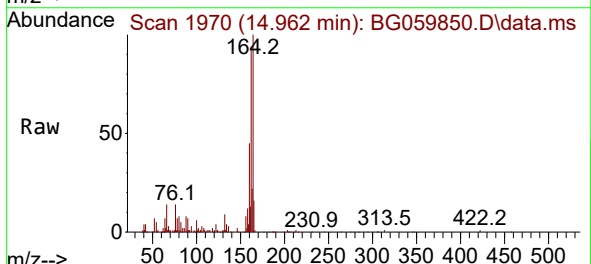
Instrument :
BNA_G
ClientSampleId :
TP-6

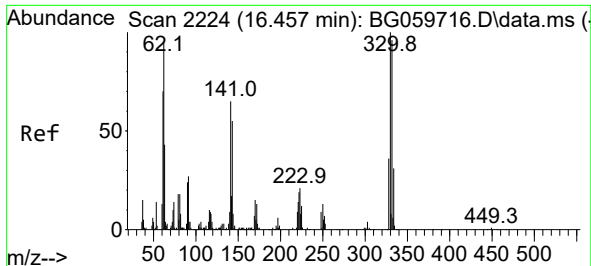
Tgt Ion: 82 Resp: 45533
Ion Ratio Lower Upper
82 100
128 26.3 23.0 34.6
54 31.3 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

Tgt Ion:164 Resp: 123436
Ion Ratio Lower Upper
164 100
162 93.7 73.3 109.9
160 44.8 34.1 51.1

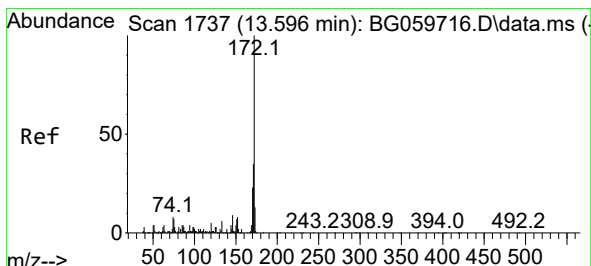
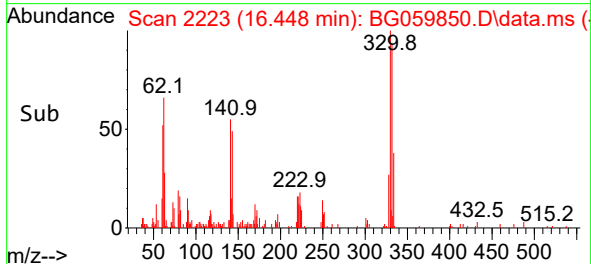
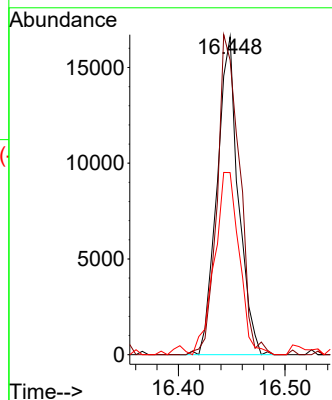
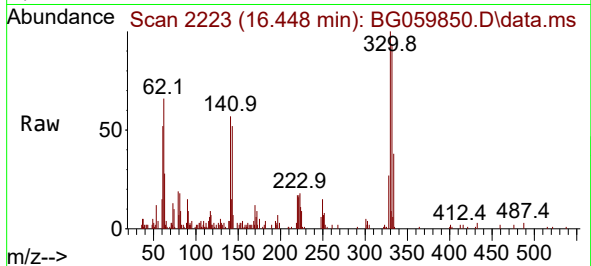




#42
2,4,6-Tribromophenol
Concen: 16.481 ng
RT: 16.448 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

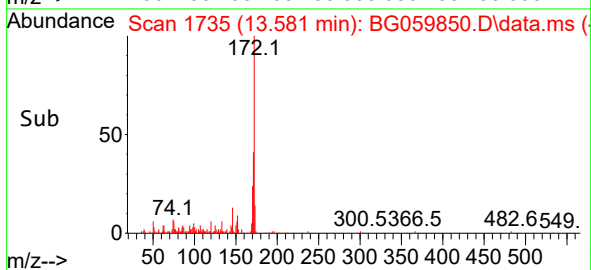
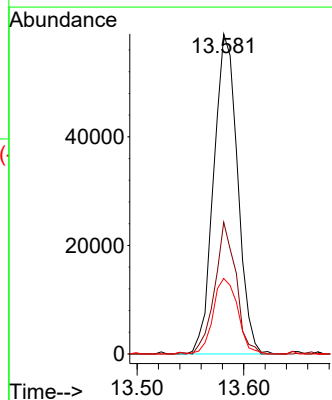
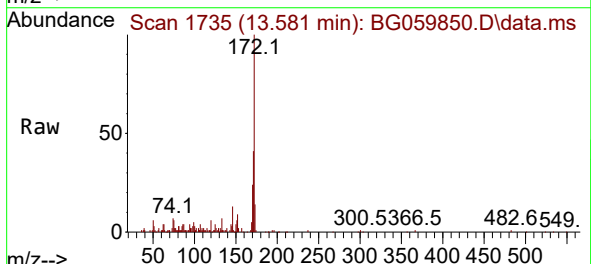
Instrument :
BNA_G
ClientSampleId :
TP-6

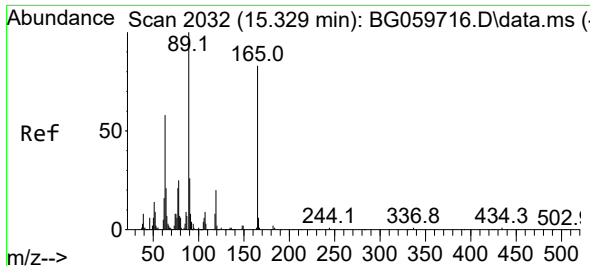
Tgt Ion: 330 Resp: 23082
Ion Ratio Lower Upper
330 100
332 104.7 73.3 109.9
141 66.5 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 9.999 ng
RT: 13.581 min Scan# 1735
Delta R.T. -0.015 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

Tgt Ion: 172 Resp: 91691
Ion Ratio Lower Upper
172 100
171 41.2 27.7 41.5
170 23.6 18.4 27.6





#57

2,4-Dinitrotoluene

Concen: 5.775 ng

RT: 14.962 min Scan# 1970

Delta R.T. -0.367 min

Lab File: BG059850.D

Acq: 23 Nov 2023 13:19

Instrument :

BNA_G

ClientSampleId :

TP-6

Tgt Ion:165 Resp: 16117

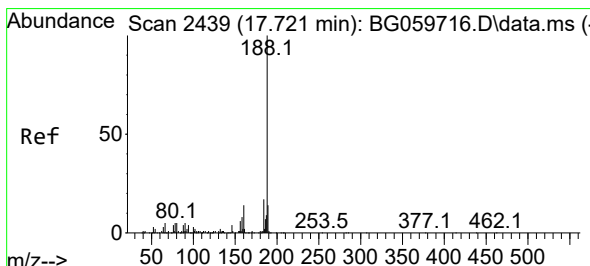
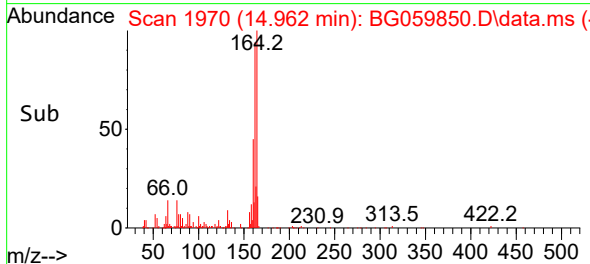
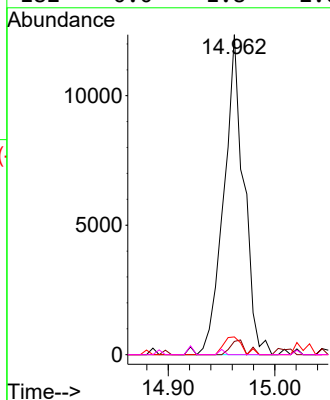
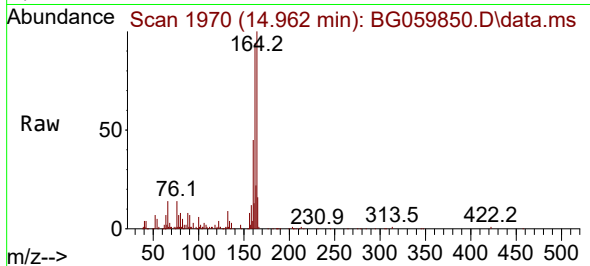
Ion Ratio Lower Upper

165 100

63 4.2 55.8 83.8#

89 5.5 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059850.D

Acq: 23 Nov 2023 13:19

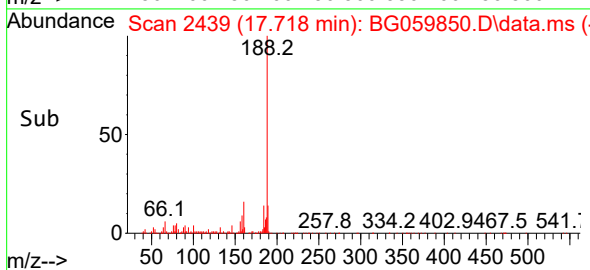
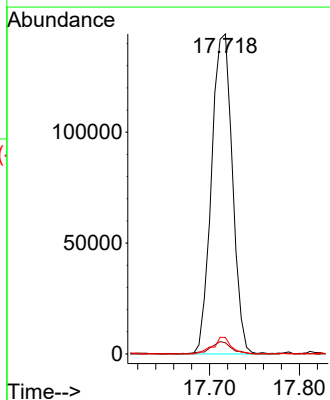
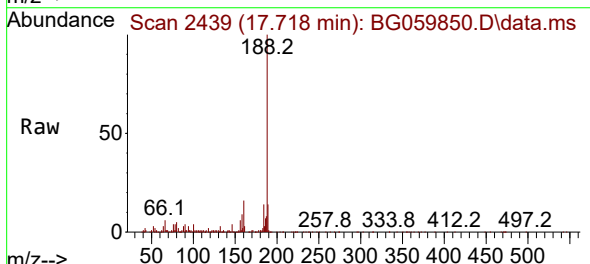
Tgt Ion:188 Resp: 233324

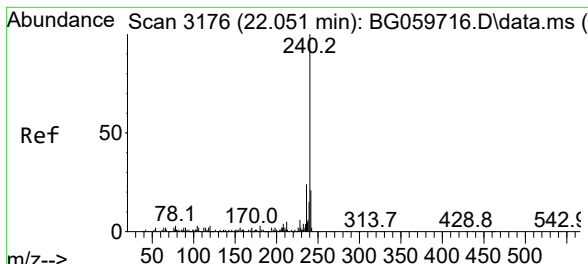
Ion Ratio Lower Upper

188 100

94 3.5 3.0 4.4

80 5.2 4.2 6.4

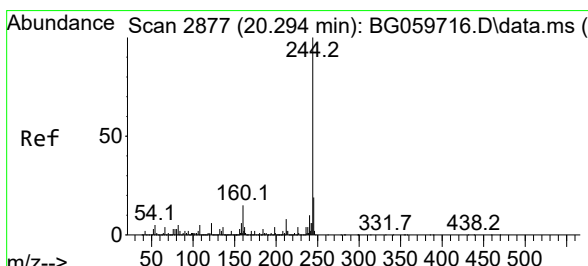
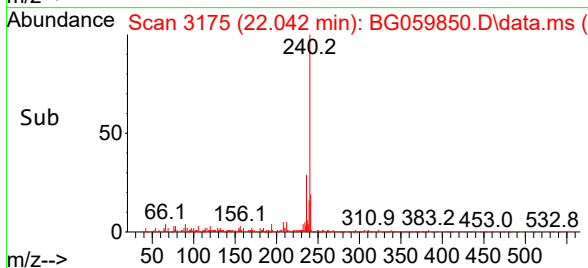
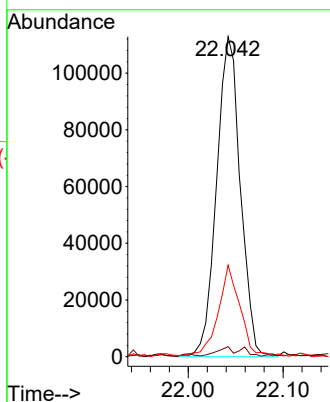
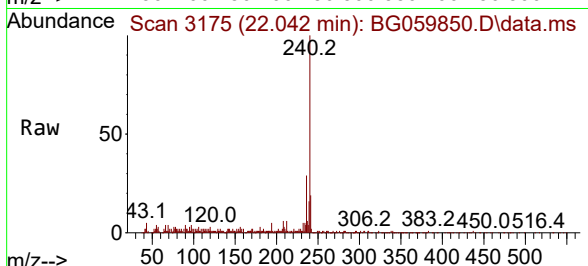




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

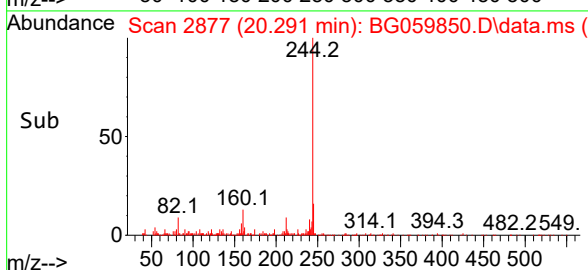
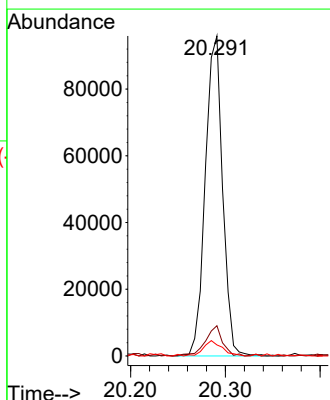
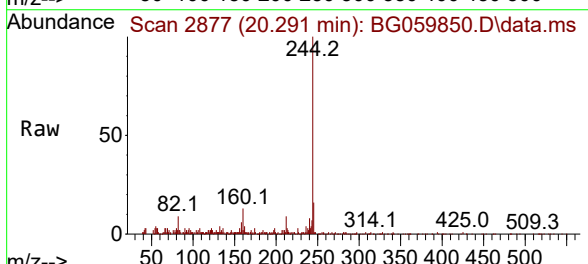
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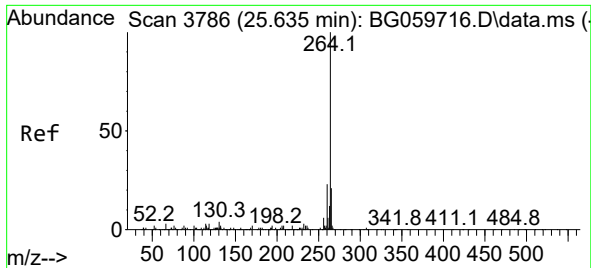
Tgt Ion:240 Resp: 196935
Ion Ratio Lower Upper
240 100
120 4.3 2.2 3.2#
236 28.6 19.4 29.2



#79
Terphenyl-d14
Concen: 9.099 ng
RT: 20.291 min Scan# 2877
Delta R.T. -0.003 min
Lab File: BG059850.D
Acq: 23 Nov 2023 13:19

Tgt Ion:244 Resp: 121389
Ion Ratio Lower Upper
244 100
212 9.4 6.6 10.0
122 3.4 4.4 6.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG059850.D
 Acq: 23 Nov 2023 13:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:264 Resp: 246798
 Ion Ratio Lower Upper
 264 100
 260 20.0 18.5 27.7
 265 21.1 17.0 25.6

