

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057841.D
 Acq On : 23 Jun 2023 14:03
 Operator : CG/JU
 Sample : 03291-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jun 23 14:41:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

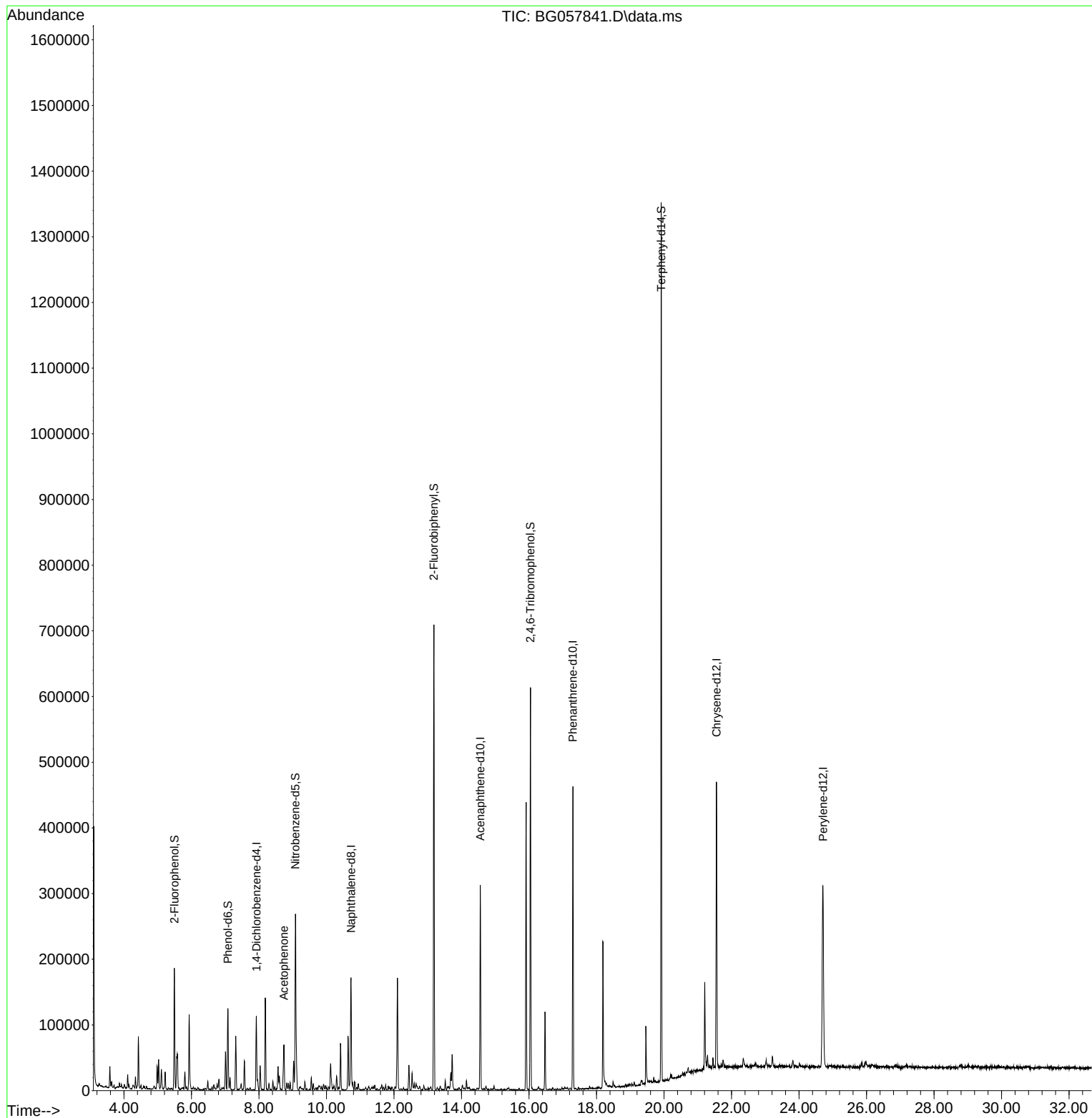
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	30765	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	139841	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	110982	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	284003	20.000	ng	0.00
76) Chrysene-d12	21.554	240	246805	20.000	ng	0.00
86) Perylene-d12	24.709	264	303031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	76092	38.136	ng	0.00
7) Phenol-d6	7.077	99	69567	22.850	ng	-0.01
23) Nitrobenzene-d5	9.080	82	157619	57.848	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	129308	83.642	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	377104	51.537	ng	0.00
79) Terphenyl-d14	19.915	244	691472	52.242	ng	0.00
Target Compounds						
22) Acetophenone	8.740	105	41353	10.545	ng	Qvalue # 90

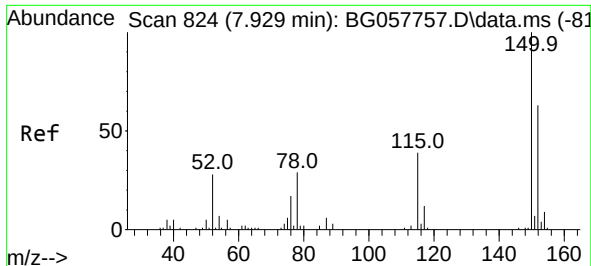
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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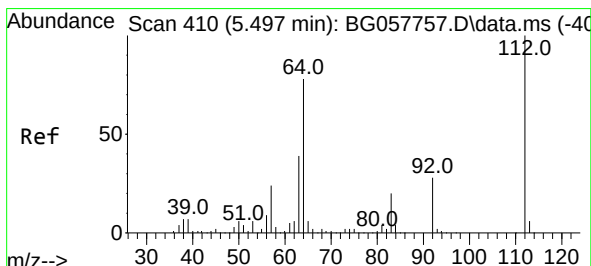
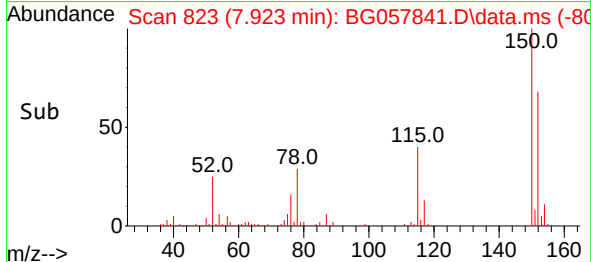
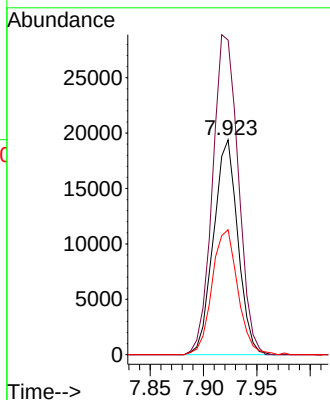
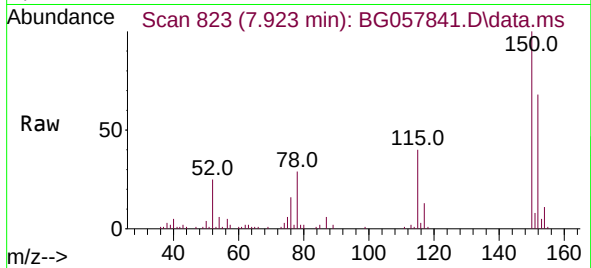




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

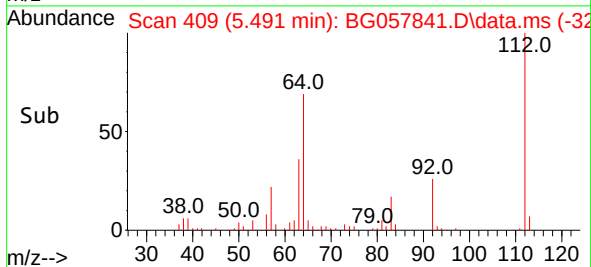
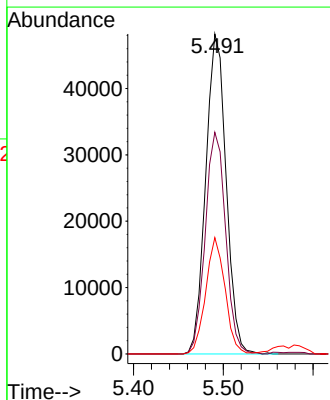
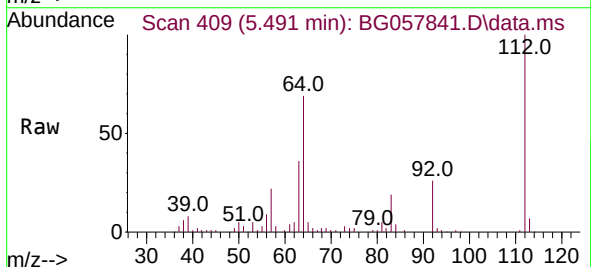
Instrument :
BNA_G
ClientSampleId :
MW-3

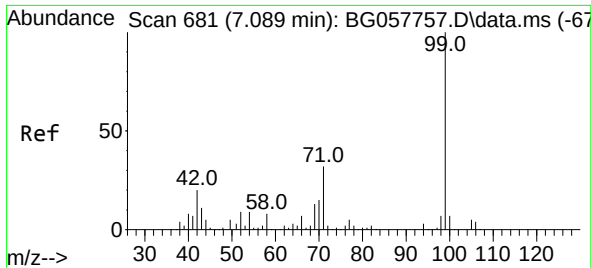
Tgt Ion:152 Resp: 30765
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 58.2 48.9 73.3



#5
2-Fluorophenol
Concen: 38.136 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

Tgt Ion:112 Resp: 76092
Ion Ratio Lower Upper
112 100
64 69.3 62.1 93.1
63 36.3 31.5 47.3

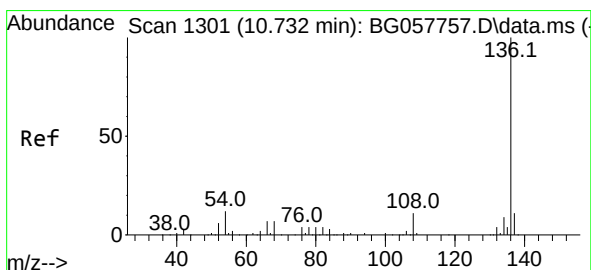
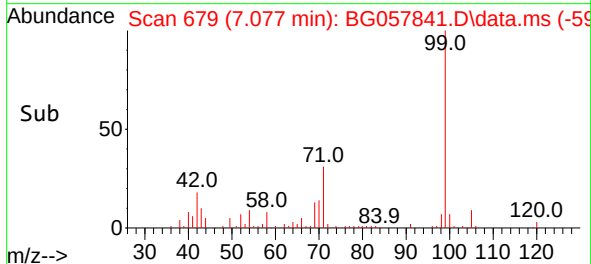
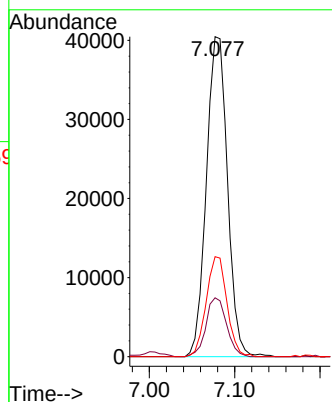
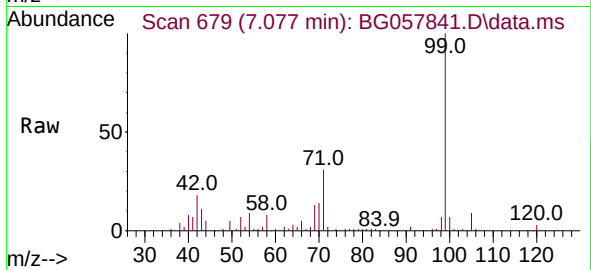




#7
Phenol-d6
Concen: 22.850 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

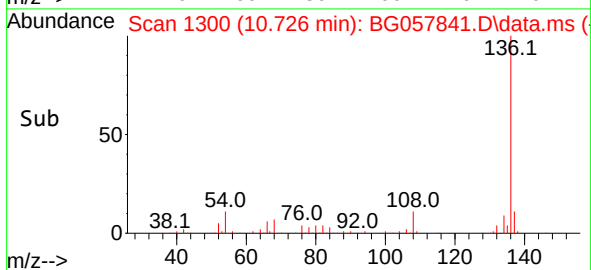
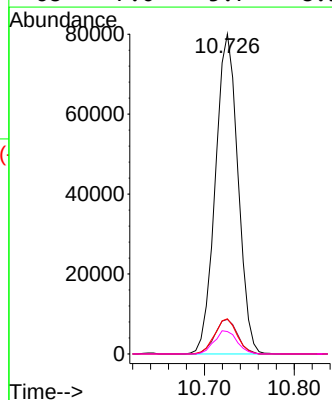
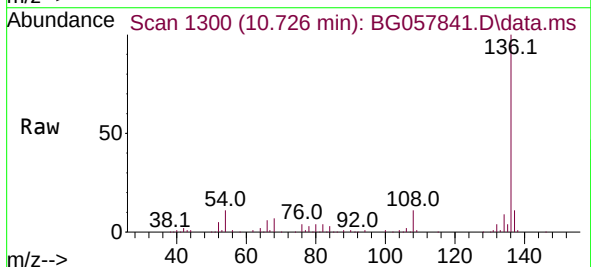
Instrument :
BNA_G
ClientSampleId :
MW-3

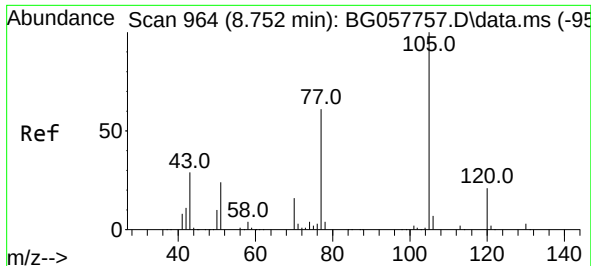
Tgt Ion: 99	Resp: 69567
Ion Ratio	Lower Upper
99 100	
42 18.4	16.4 24.6
71 31.3	25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

Tgt	Ion:136	Resp:	139841
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.0	9.5	14.3
68	7.0	5.7	8.5

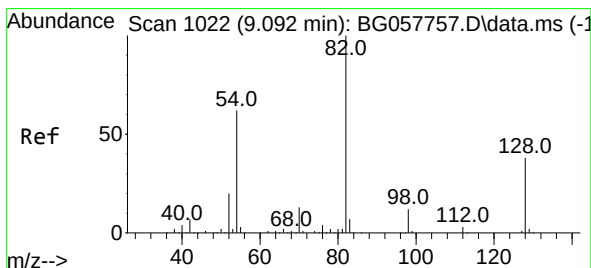
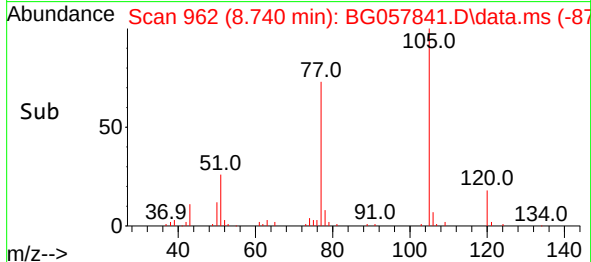
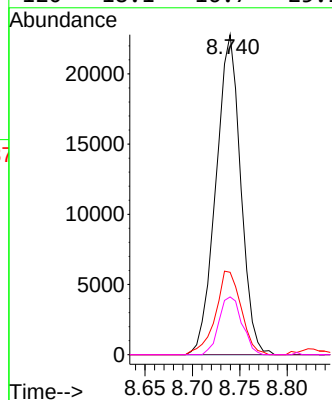
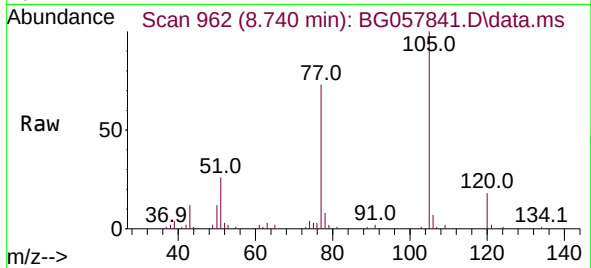




#22
Acetophenone
Concen: 10.545 ng
RT: 8.740 min Scan# 90
Delta R.T. -0.012 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

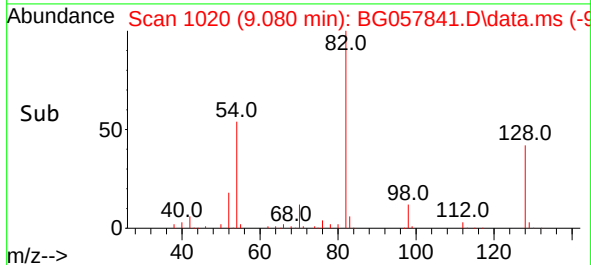
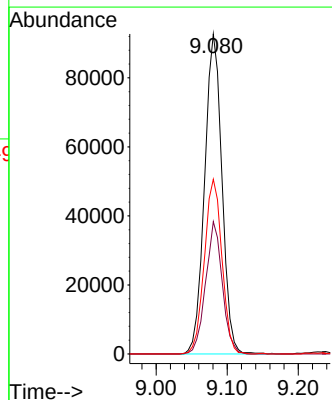
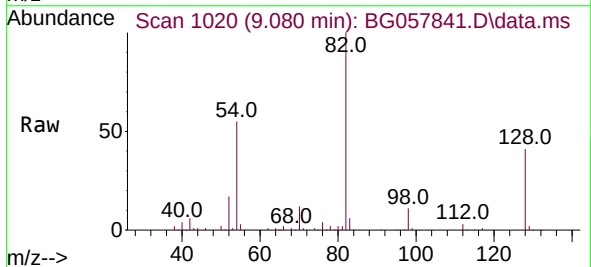
Instrument :
BNA_G
ClientSampleId :
MW-3

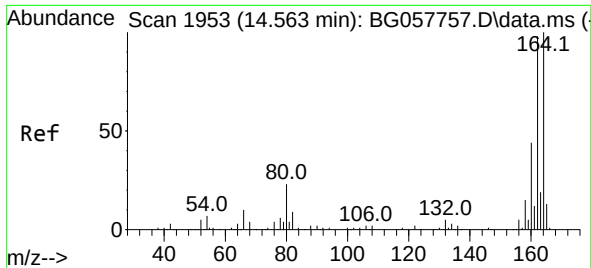
Tgt Ion:105 Resp: 41353
Ion Ratio Lower Upper
105 100
71 0.0 2.4 3.6#
51 25.8 25.9 38.9#
120 18.1 16.7 25.1



#23
Nitrobenzene-d5
Concen: 57.848 ng
RT: 9.080 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

Tgt Ion: 82 Resp: 157619
Ion Ratio Lower Upper
82 100
128 41.4 30.7 46.1
54 54.6 49.6 74.4

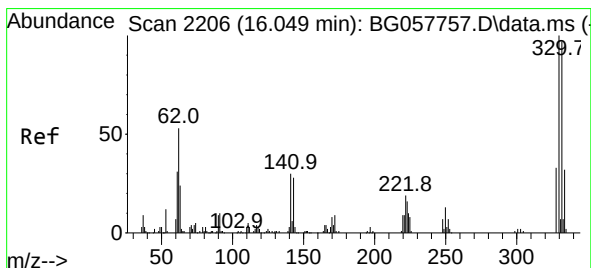
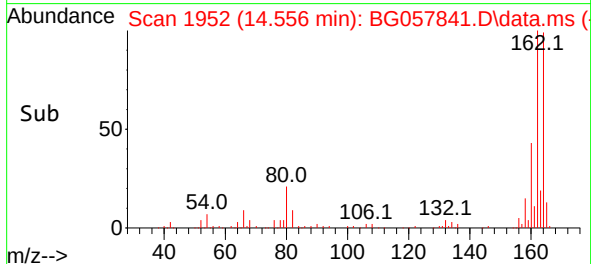
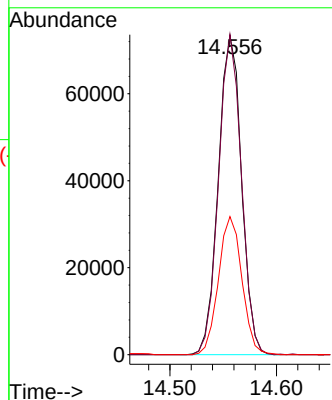
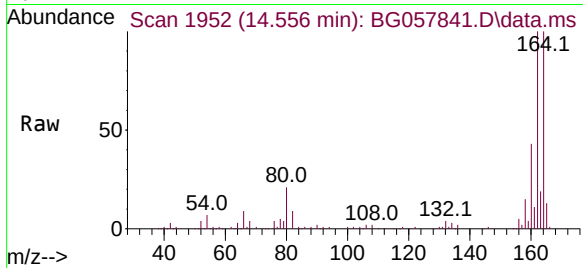




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

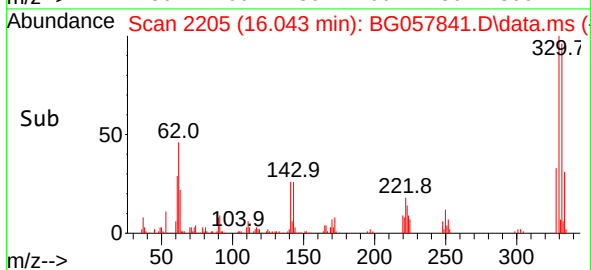
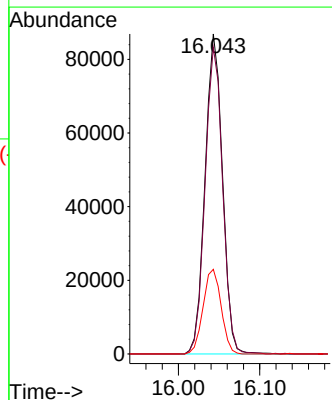
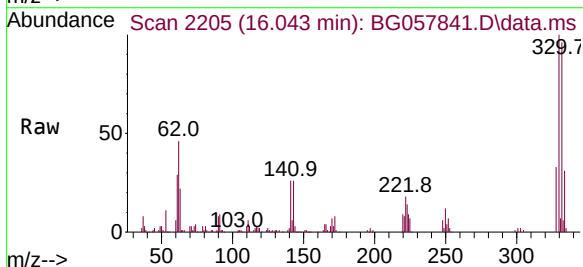
Instrument :
BNA_G
ClientSampleId :
MW-3

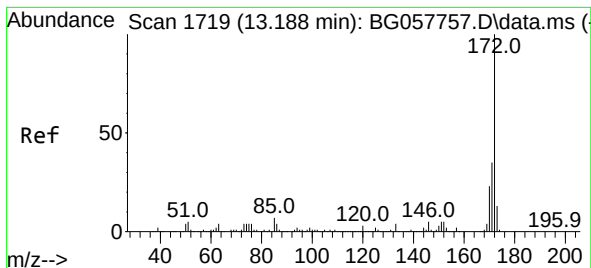
Tgt Ion:164 Resp: 110982
Ion Ratio Lower Upper
164 100
162 100.2 78.3 117.5
160 43.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 83.642 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

Tgt Ion:330 Resp: 129308
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 27.4 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 51.537 ng

RT: 13.182 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057841.D

Acq: 23 Jun 2023 14:03

Instrument :

BNA_G

ClientSampleId :

MW-3

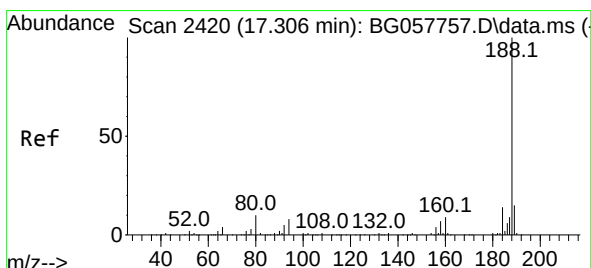
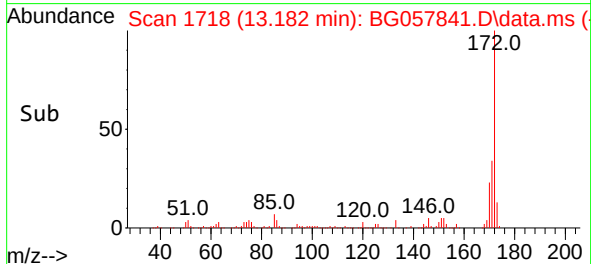
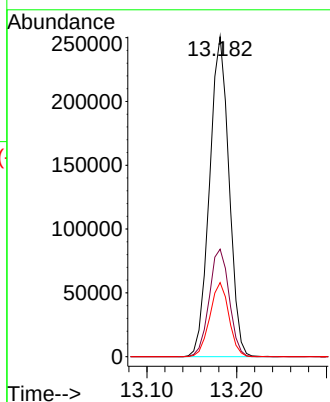
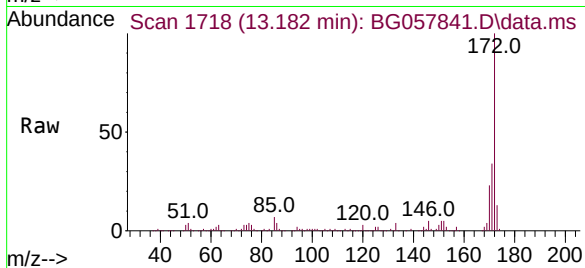
Tgt Ion:172 Resp: 377104

Ion Ratio Lower Upper

172 100

171 33.6 28.1 42.1

170 23.1 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.300 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BG057841.D

Acq: 23 Jun 2023 14:03

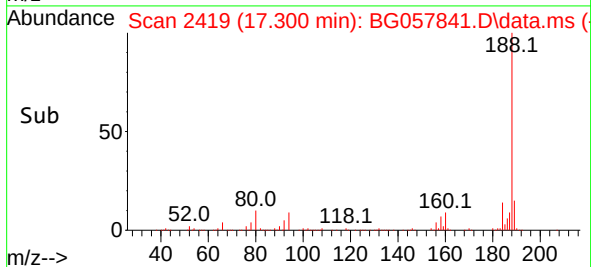
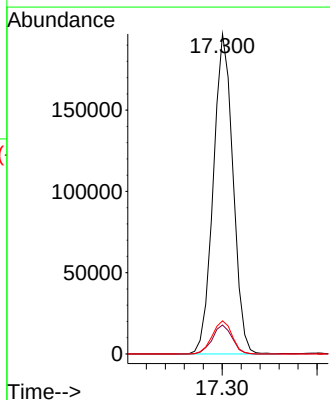
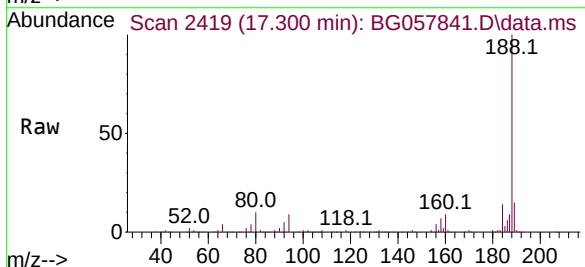
Tgt Ion:188 Resp: 284003

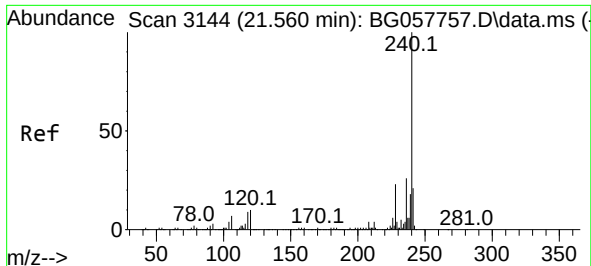
Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 10.3 7.6 11.4

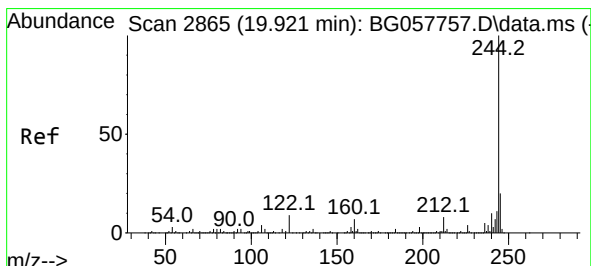
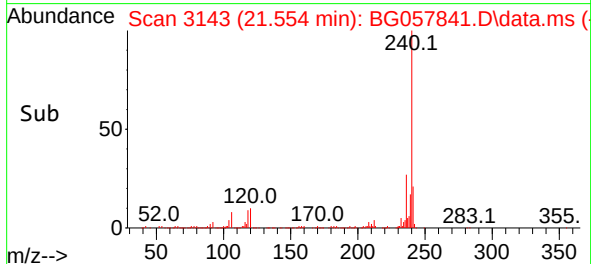
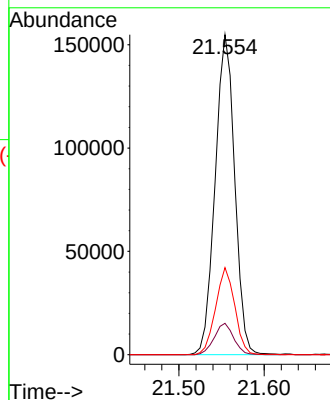
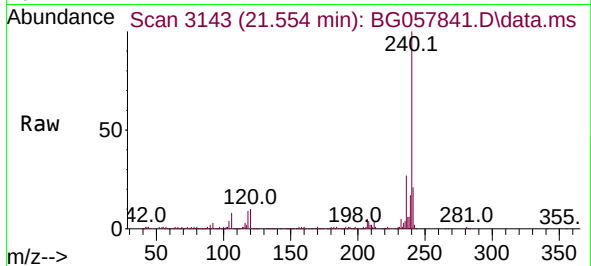




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

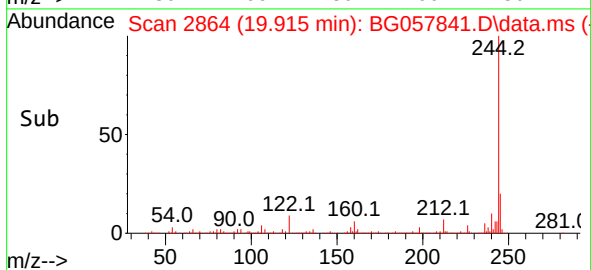
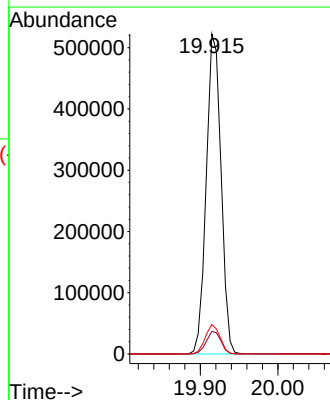
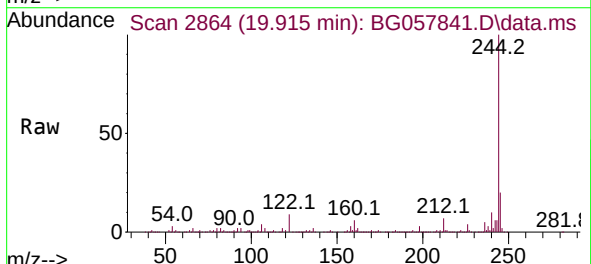
Instrument :
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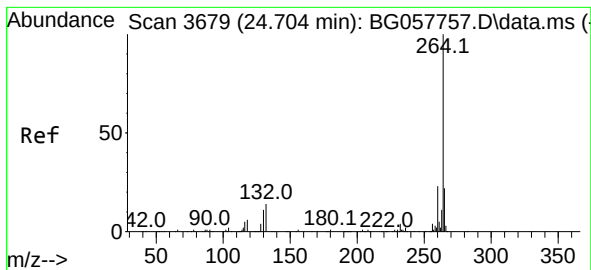
Tgt Ion:240 Resp: 246805
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 27.2 20.6 30.8



#79
Terphenyl-d14
Concen: 52.242 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BG057841.D
Acq: 23 Jun 2023 14:03

Tgt Ion:244 Resp: 691472
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 9.2 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.709 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG057841.D

Acq: 23 Jun 2023 14:03

Instrument :

BNA_G

ClientSampleId :

MW-3

Tgt Ion:264 Resp: 303031

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 21.1 17.4 26.2

