

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061208.D
 Acq On : 15 May 2024 16:21
 Operator : MA/JU
 Sample : P2469-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-A

Quant Time: May 15 16:56:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

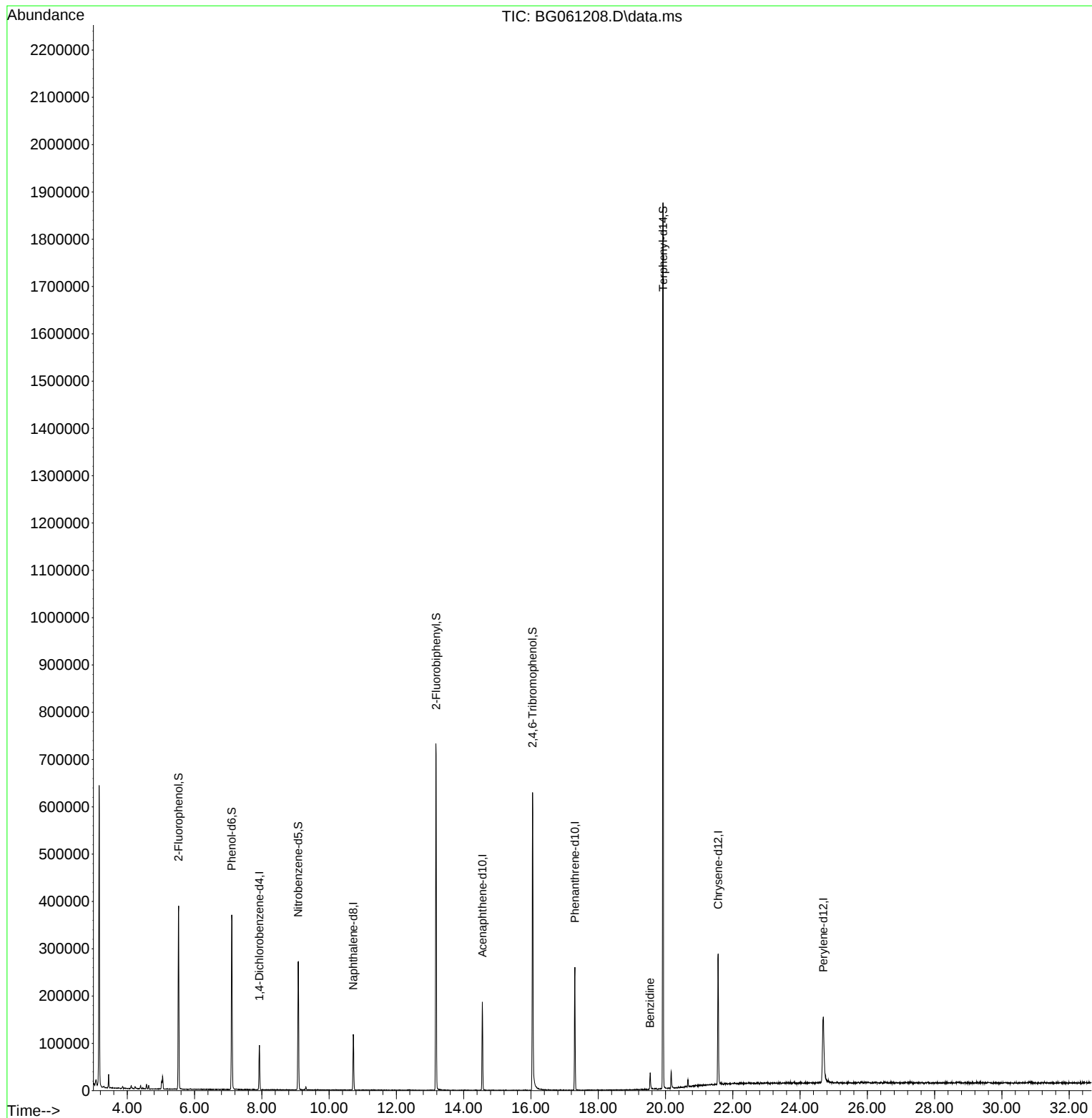
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	23769	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	92365	20.000	ng	#-0.04
39) Acenaphthene-d10	14.557	164	71543	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	168912	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	177695	20.000	ng	-0.03
86) Perylene-d12	24.692	264	207324	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	134209	114.833	ng	-0.02
7) Phenol-d6	7.106	99	168460	97.436	ng	-0.03
23) Nitrobenzene-d5	9.081	82	138656	74.417	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	161442	112.895	ng	-0.03
45) 2-Fluorobiphenyl	13.182	172	383157	79.194	ng	-0.03
79) Terphenyl-d14	19.927	244	974928	91.249	ng	-0.03
Target Compounds						
77) Benzidine	19.545	184	28397	10.704	ng	Qvalue 97

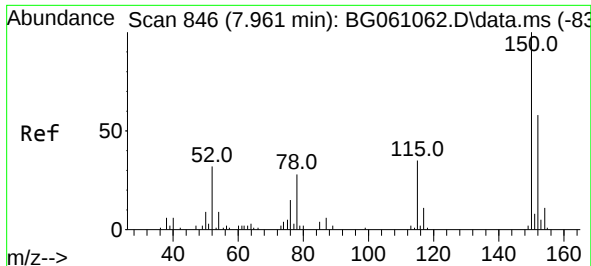
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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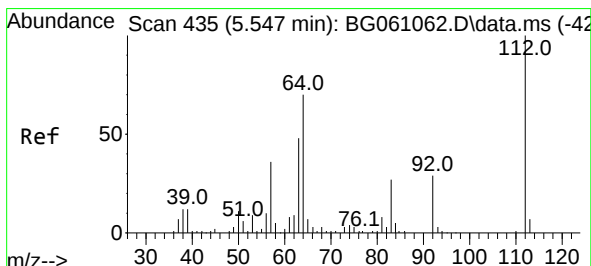
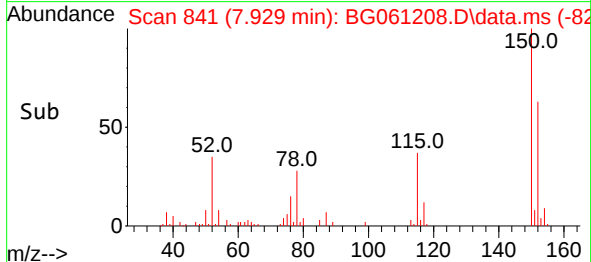
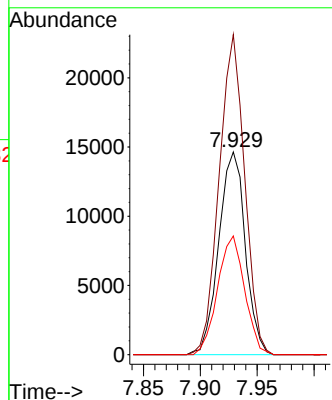
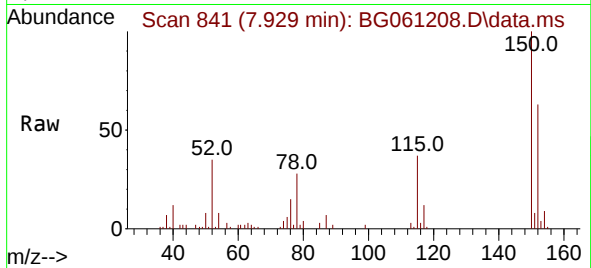




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 841
Delta R.T. -0.032 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

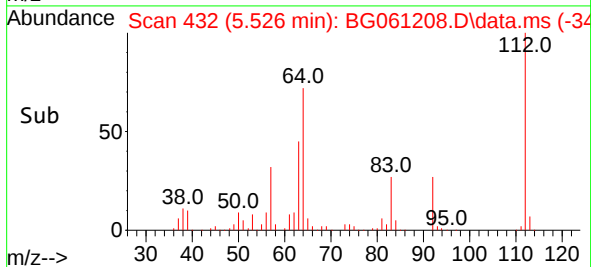
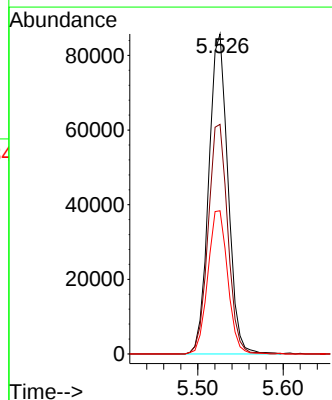
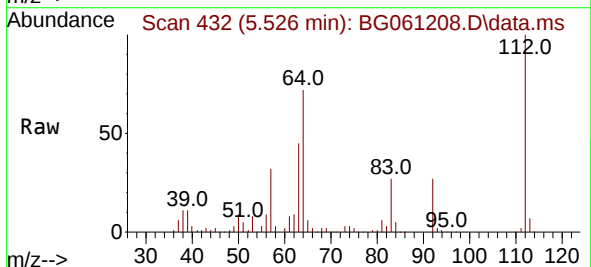
Instrument :
BNA_G
ClientSampleId :
MH-A

Tgt Ion:152 Resp: 23769
Ion Ratio Lower Upper
152 100
150 157.8 138.3 207.5
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 114.833 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion:112 Resp: 134209
Ion Ratio Lower Upper
112 100
64 71.8 55.7 83.5
63 44.8 38.1 57.1

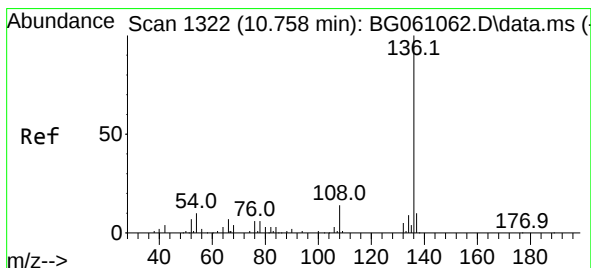
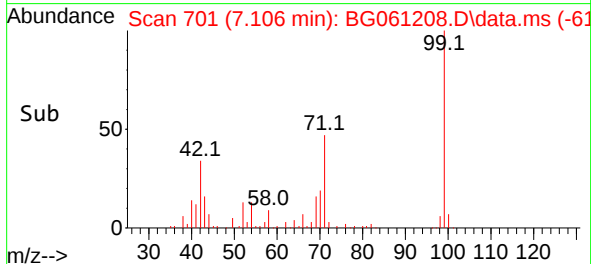
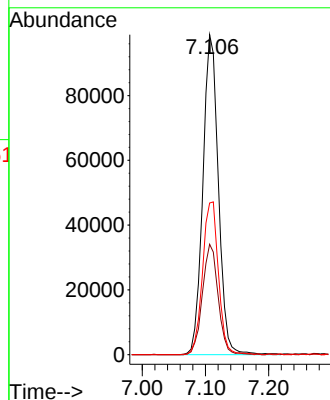
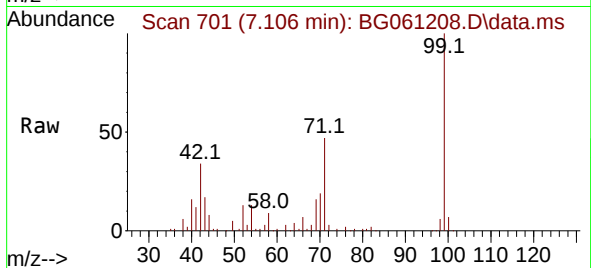




#7
Phenol-d6
Concen: 97.436 ng
RT: 7.106 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

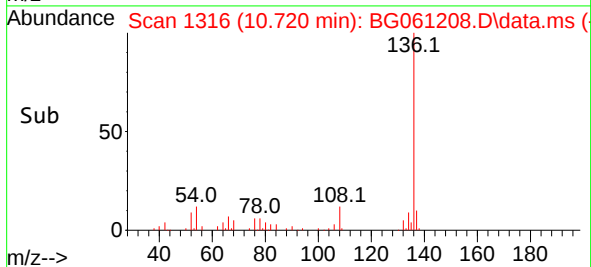
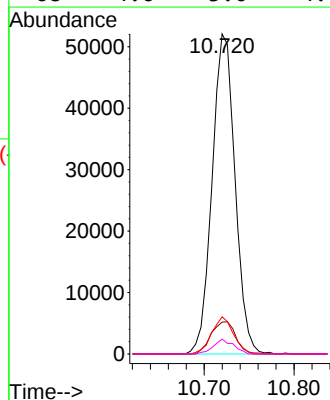
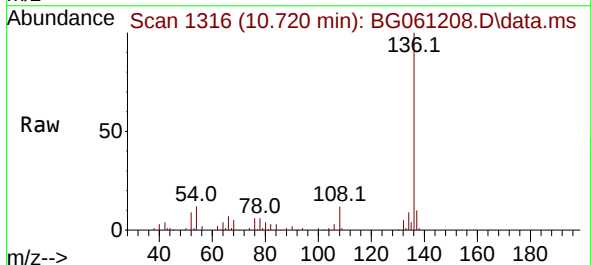
Instrument :
BNA_G
ClientSampleId :
MH-A

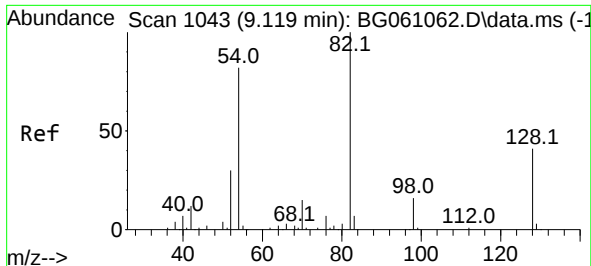
Tgt Ion: 99 Resp: 168460
Ion Ratio Lower Upper
99 100
42 34.5 29.2 43.8
71 47.4 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.038 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion:136 Resp: 92365
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.6
54 11.6 8.1 12.1
68 4.6 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 74.417 ng

RT: 9.081 min Scan# 1043

Delta R.T. -0.038 min

Lab File: BG061208.D

Acq: 15 May 2024 16:21

Instrument :

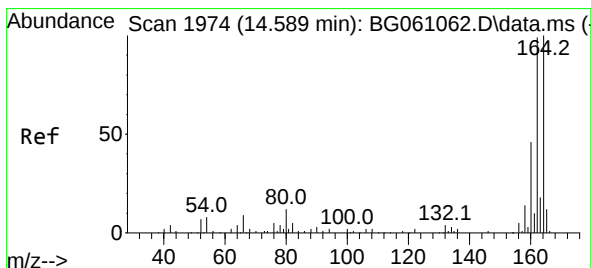
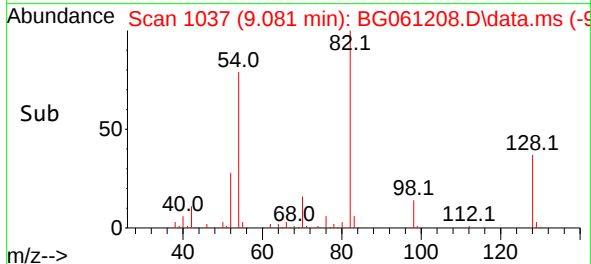
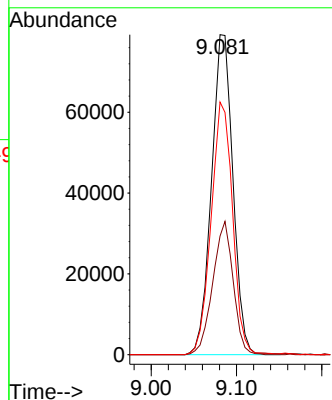
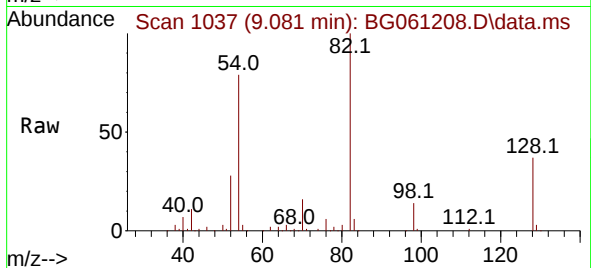
BNA_G

ClientSampleId :

MH-A

Tgt Ion: 82 Resp: 138656

Ion	Ratio	Lower	Upper
82	100		
128	37.1	32.7	49.1
54	78.9	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

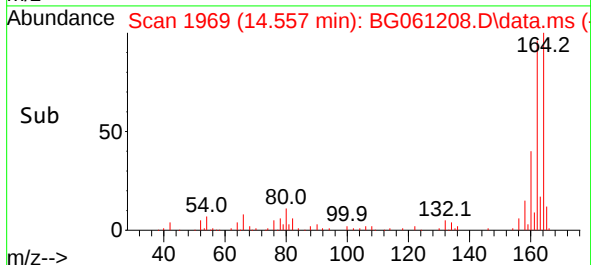
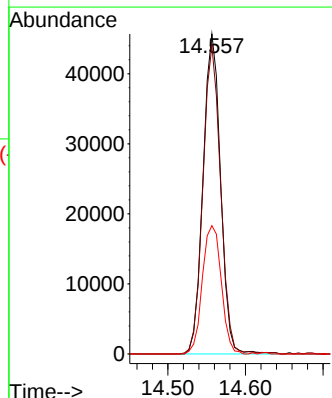
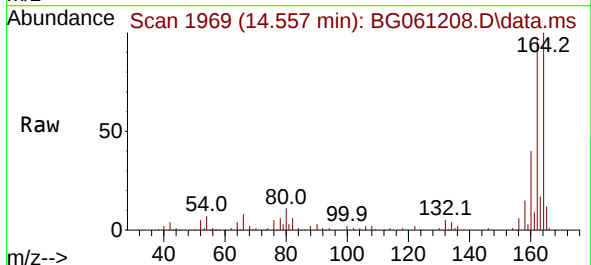
Delta R.T. -0.032 min

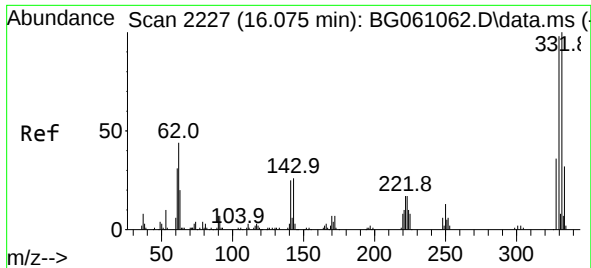
Lab File: BG061208.D

Acq: 15 May 2024 16:21

Tgt Ion:164 Resp: 71543

Ion	Ratio	Lower	Upper
164	100		
162	96.2	79.4	119.2
160	40.1	37.0	55.6

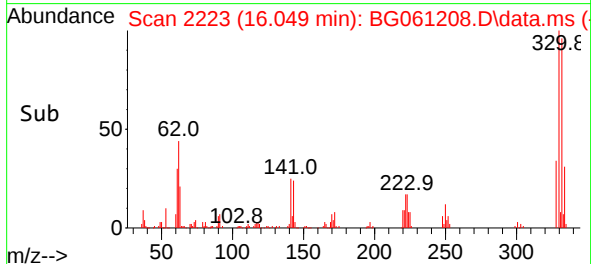
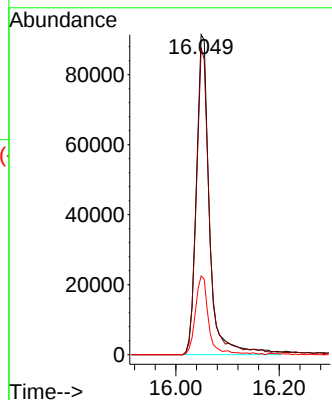
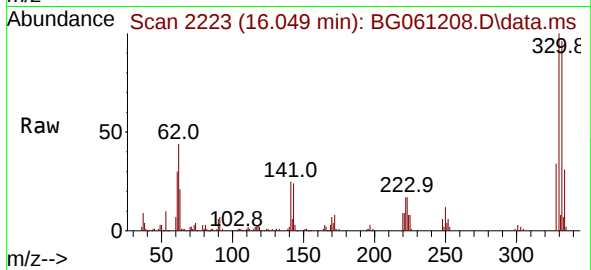




#42
 2,4,6-Tribromophenol
 Concen: 112.895 ng
 RT: 16.049 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BG061208.D
 Acq: 15 May 2024 16:21

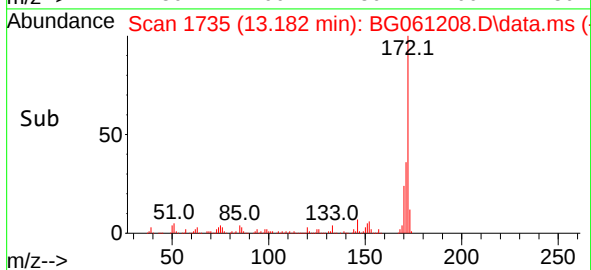
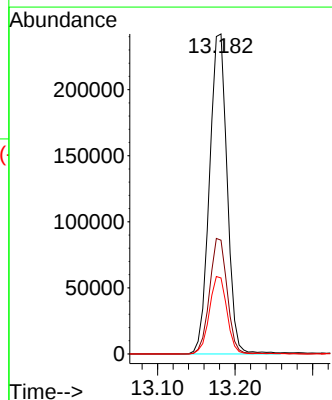
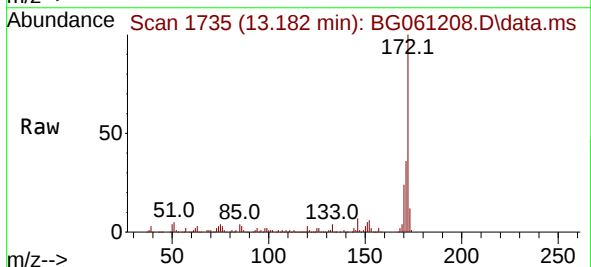
Instrument :
 BNA_G
 ClientSampleId :
 MH-A

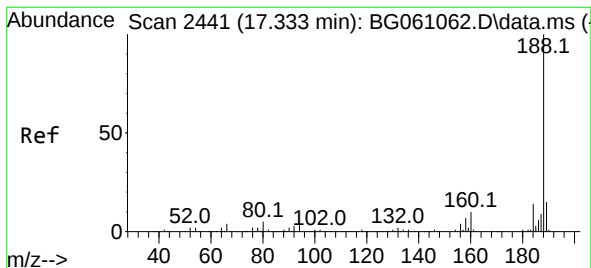
Tgt Ion:330 Resp: 161442
 Ion Ratio Lower Upper
 330 100
 332 94.1 78.6 117.8
 141 24.5 20.5 30.7



#45
 2-Fluorobiphenyl
 Concen: 79.194 ng
 RT: 13.182 min Scan# 1735
 Delta R.T. -0.026 min
 Lab File: BG061208.D
 Acq: 15 May 2024 16:21

Tgt Ion:172 Resp: 383157
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.8 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2441

Delta R.T. -0.026 min

Lab File: BG061208.D

Acq: 15 May 2024 16:21

Instrument :

BNA_G

ClientSampleId :

MH-A

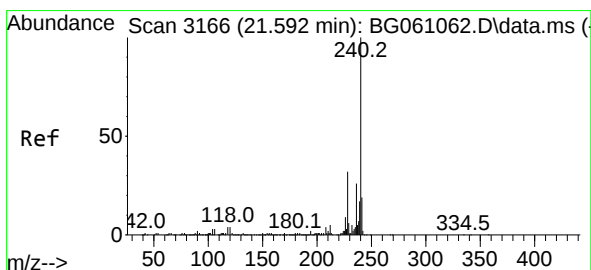
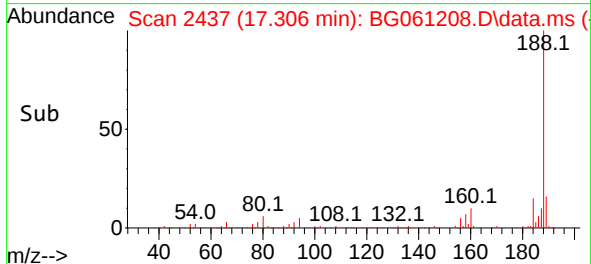
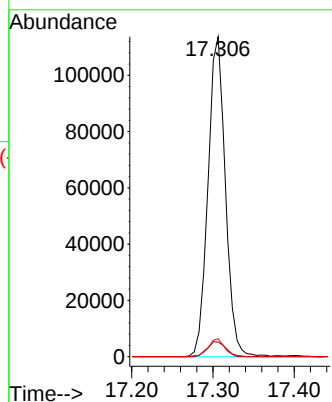
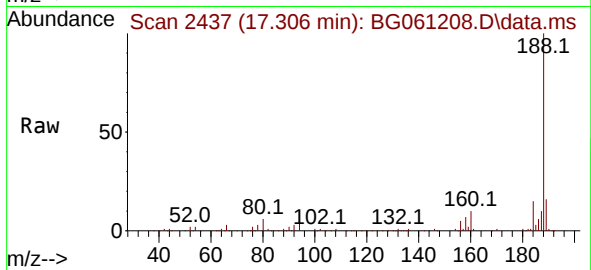
Tgt Ion:188 Resp: 168912

Ion Ratio Lower Upper

188 100

94 4.6 3.6 5.4

80 5.6 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.566 min Scan# 3162

Delta R.T. -0.026 min

Lab File: BG061208.D

Acq: 15 May 2024 16:21

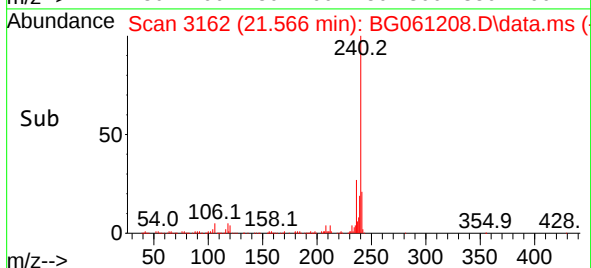
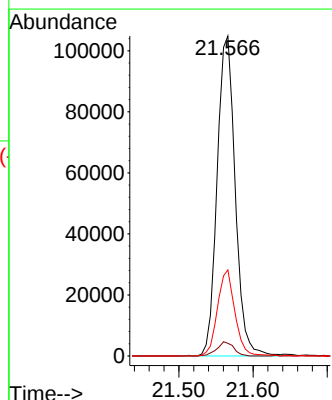
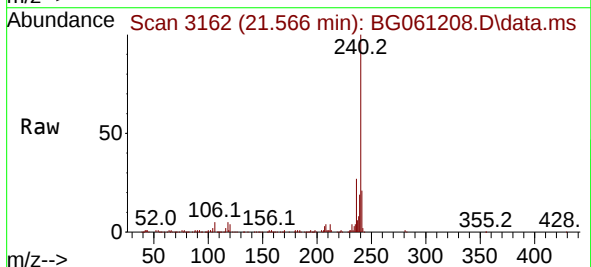
Tgt Ion:240 Resp: 177695

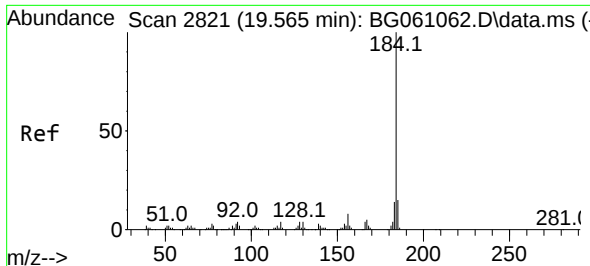
Ion Ratio Lower Upper

240 100

120 4.0 3.2 4.8

236 26.9 21.0 31.6

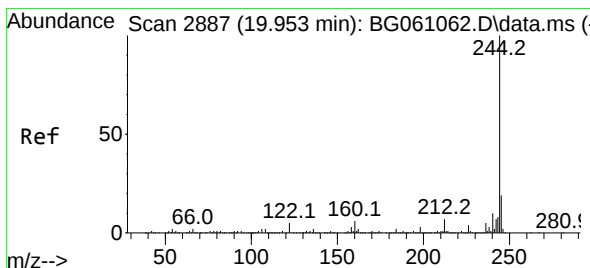
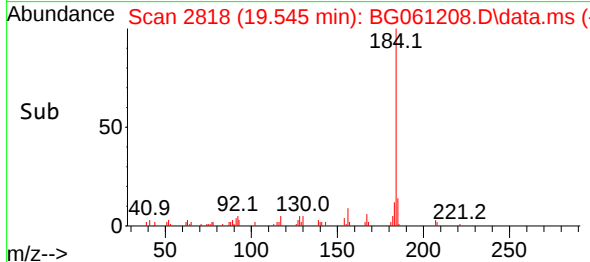
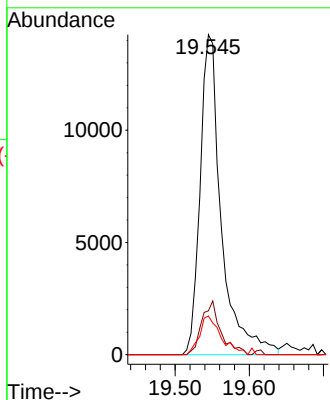
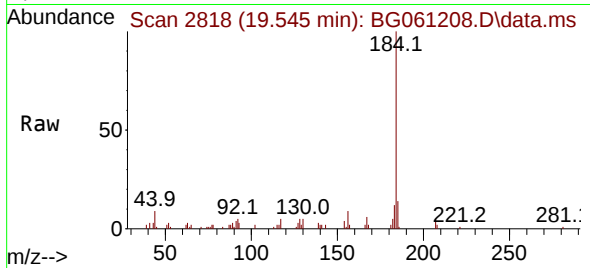




#77
Benzidine
Concen: 10.704 ng
RT: 19.545 min Scan# 2818
Delta R.T. -0.020 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

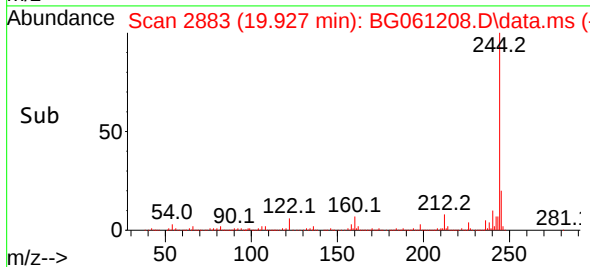
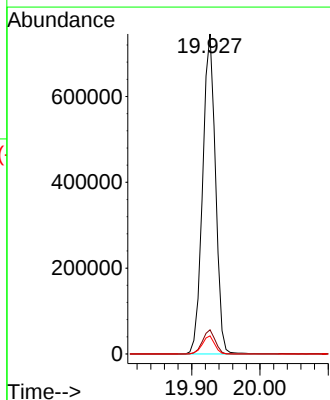
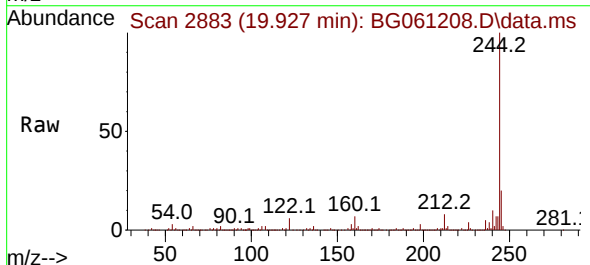
Instrument :
BNA_G
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MH-A

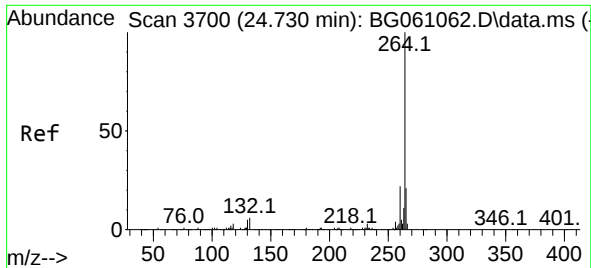
Tgt Ion:184 Resp: 28397
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 12.1 10.9 16.3



#79
Terphenyl-d14
Concen: 91.249 ng
RT: 19.927 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

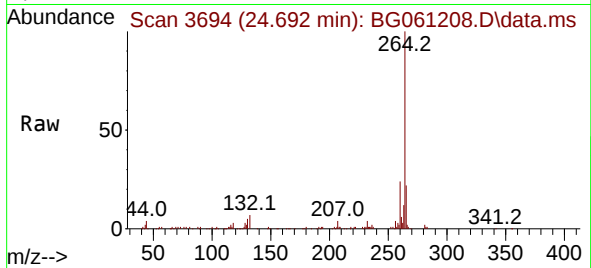
Tgt Ion:244 Resp: 974928
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 5.7 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 30
 Delta R.T. -0.038 min
 Lab File: BG061208.D
 Acq: 15 May 2024 16:21

Instrument :
 BNA_G
 ClientSampleId :
 MH-A



Tgt Ion:	264	Resp:	207324
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.7	26.5
265	22.4	16.4	24.6

