

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061043.D
 Acq On : 25 Apr 2024 18:44
 Operator : MA/JU
 Sample : P2262-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-04242024

Quant Time: Apr 26 01:18:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

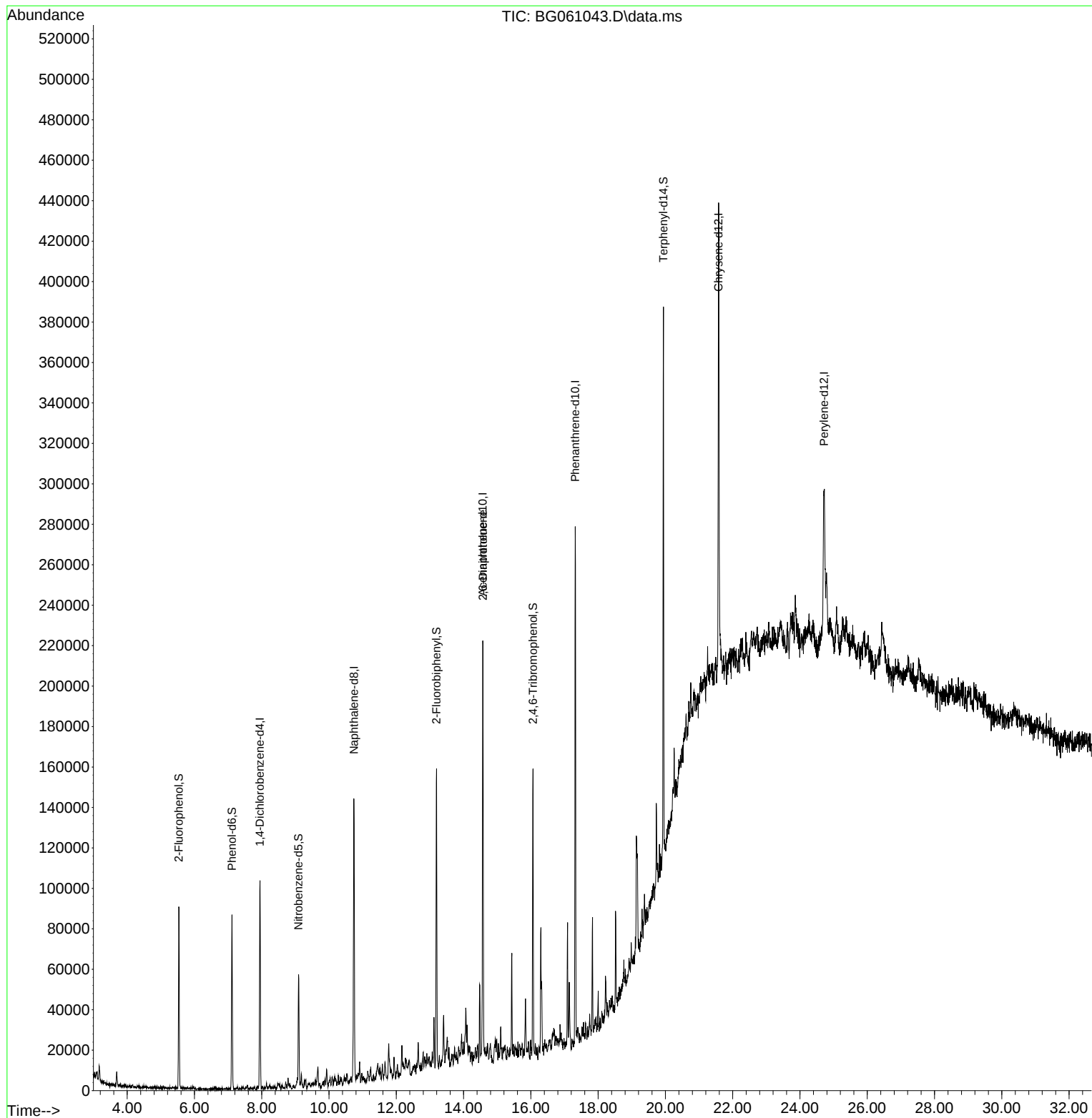
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	27306	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	106690	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	74782	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	166350	20.000	ng	0.00
76) Chrysene-d12	21.578	240	165513	20.000	ng	0.00
86) Perylene-d12	24.710	264	130223	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	33081	24.505	ng	0.00
7) Phenol-d6	7.113	99	38751	19.347	ng	0.00
23) Nitrobenzene-d5	9.093	82	28645	12.063	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	29618	18.036	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	76766	14.207	ng	0.00
79) Terphenyl-d14	19.939	244	138887	13.025	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.575	165	10871	8.449	ng	# 21

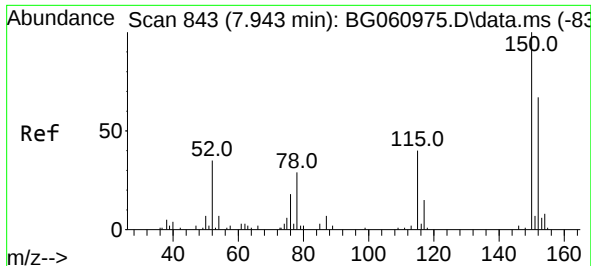
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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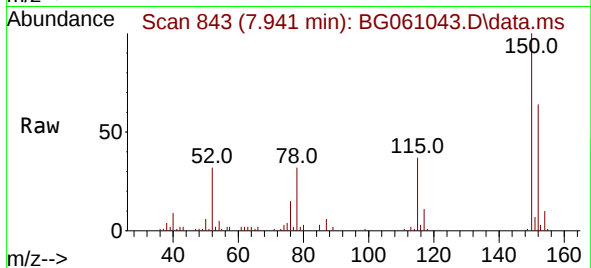
Quant Time: Apr 26 01:18:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
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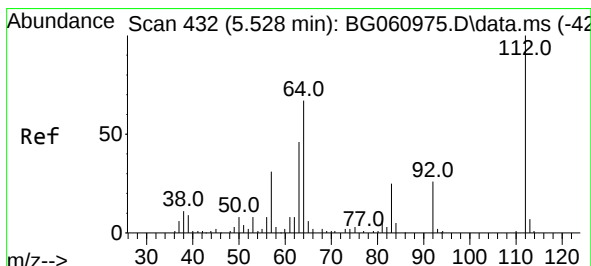
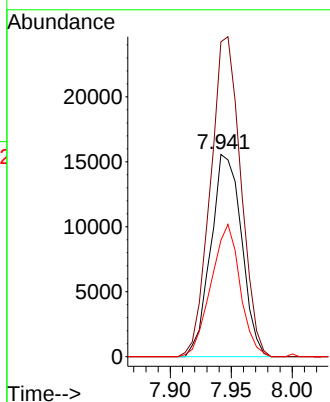
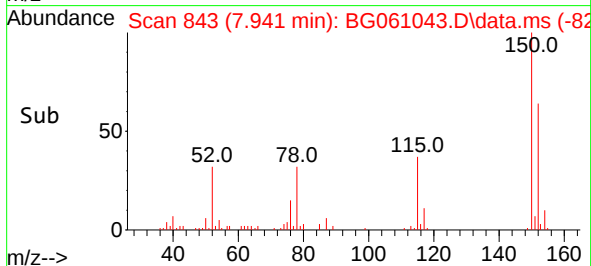


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

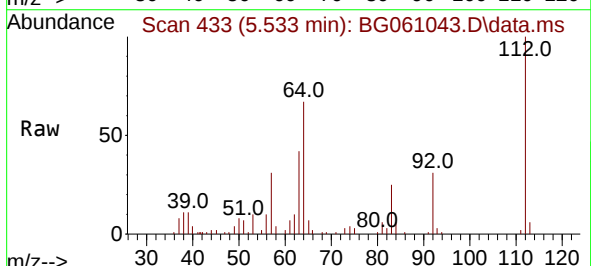
Instrument :
BNA_G
ClientSampleId :
HR-04-04242024



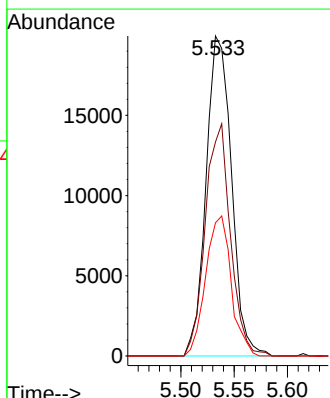
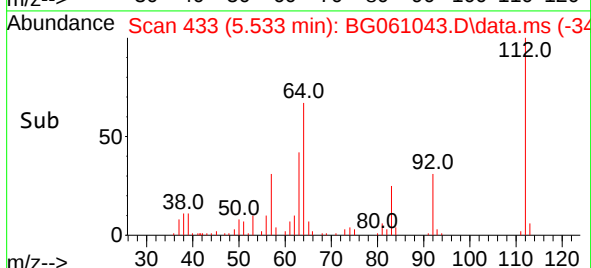
Tgt Ion:152 Resp: 27306
Ion Ratio Lower Upper
152 100
150 148.6 118.6 178.0
115 54.9 47.4 71.0

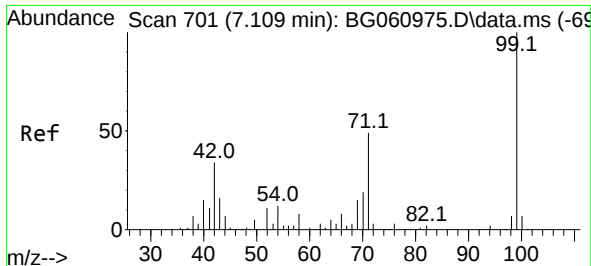


#5
2-Fluorophenol
Concen: 24.505 ng
RT: 5.533 min Scan# 433
Delta R.T. 0.004 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44



Tgt Ion:112 Resp: 33081
Ion Ratio Lower Upper
112 100
64 66.9 53.7 80.5
63 41.6 37.0 55.6

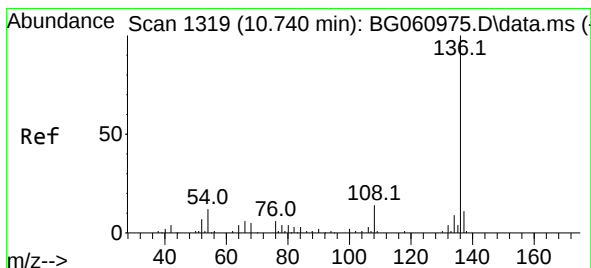
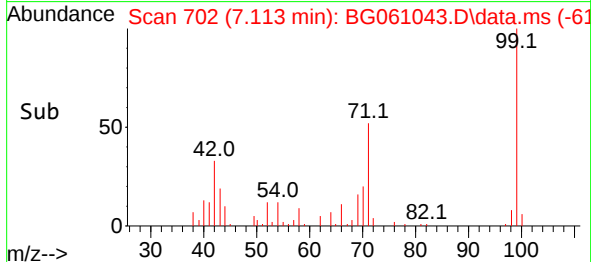
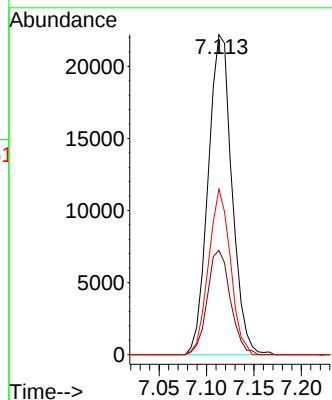
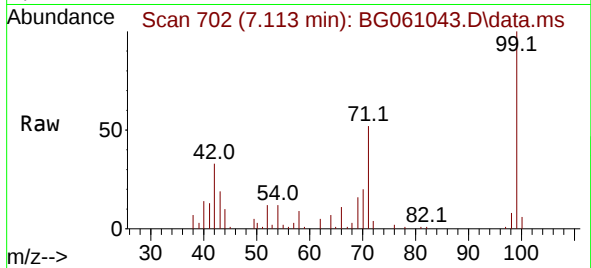




#7
Phenol-d6
Concen: 19.347 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

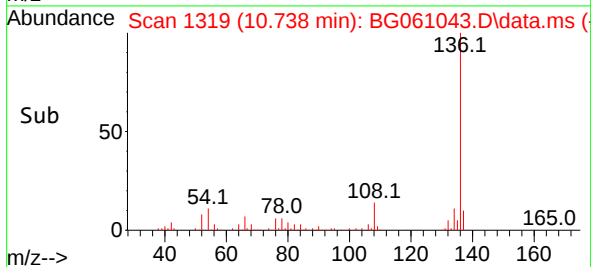
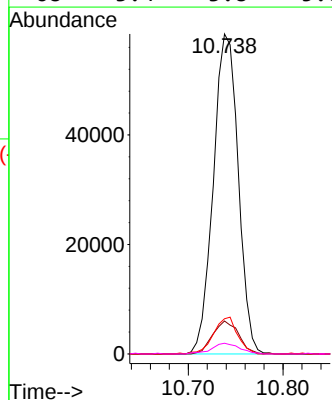
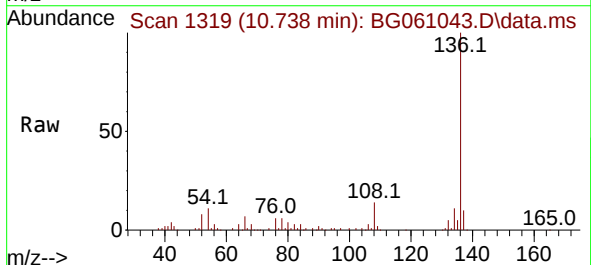
Instrument :
BNA_G
ClientSampleId :
HR-04-04242024

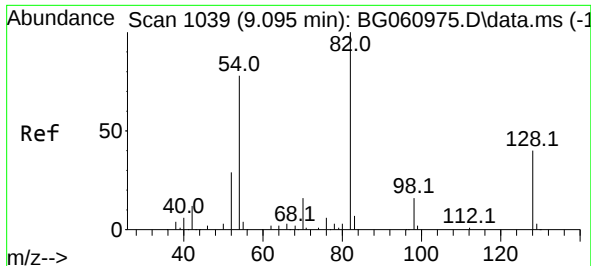
Tgt Ion: 99 Resp: 38751
Ion Ratio Lower Upper
99 100
42 32.6 27.2 40.8
71 51.7 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Tgt Ion: 136 Resp: 106690
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 11.0 9.4 14.0
68 3.4 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 12.063 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.001 min

Lab File: BG061043.D

Acq: 25 Apr 2024 18:44

Instrument :

BNA_G

ClientSampleId :

HR-04-04242024

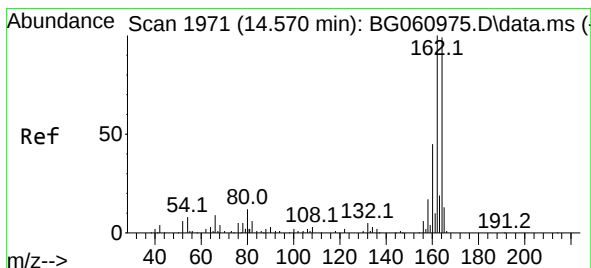
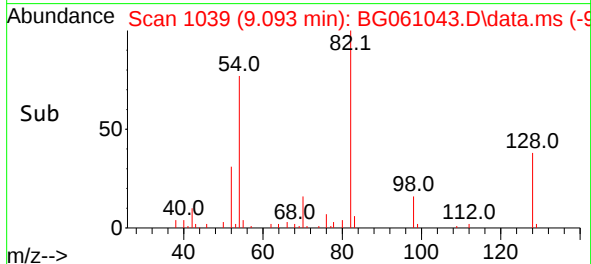
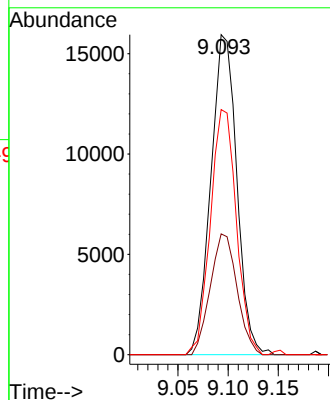
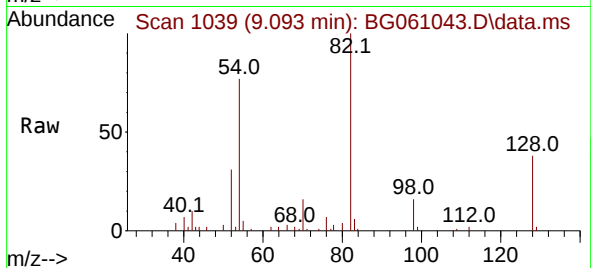
Tgt Ion: 82 Resp: 28645

Ion Ratio Lower Upper

82 100

128 37.8 32.1 48.1

54 76.6 62.3 93.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. -0.001 min

Lab File: BG061043.D

Acq: 25 Apr 2024 18:44

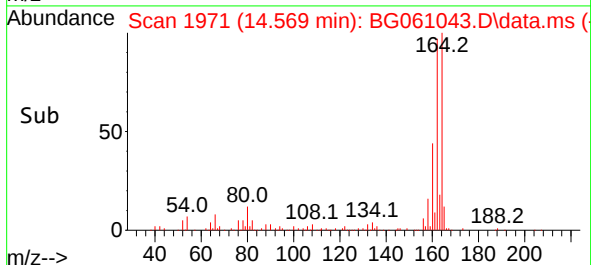
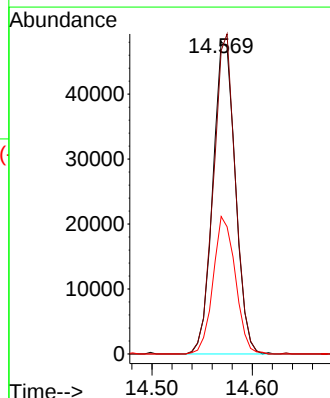
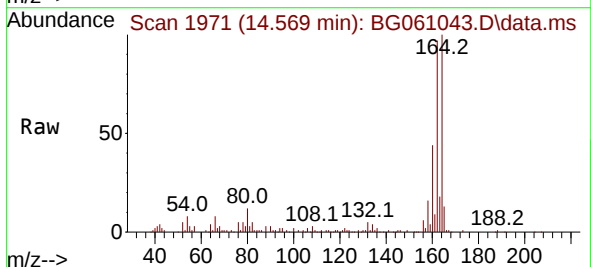
Tgt Ion:164 Resp: 74782

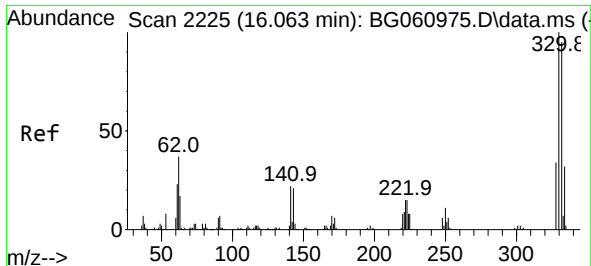
Ion Ratio Lower Upper

164 100

162 97.2 81.2 121.8

160 44.0 36.2 54.2

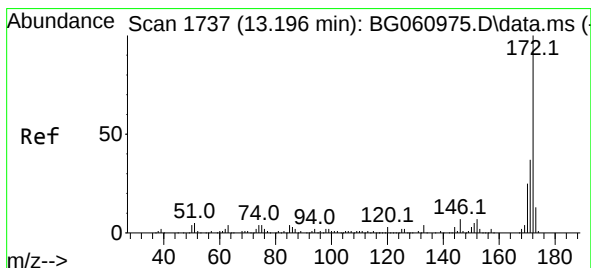
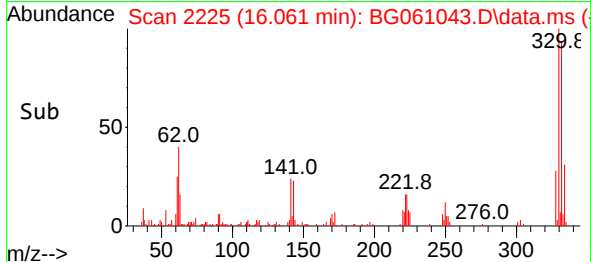
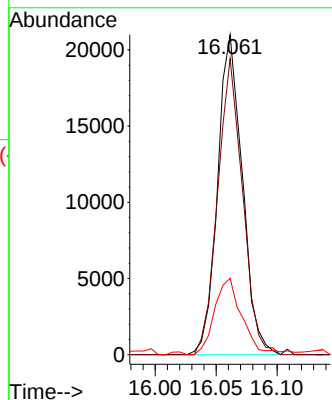
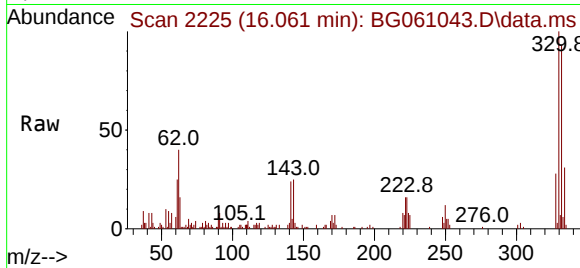




#42
 2,4,6-Tribromophenol
 Concen: 18.036 ng
 RT: 16.061 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG061043.D
 Acq: 25 Apr 2024 18:44

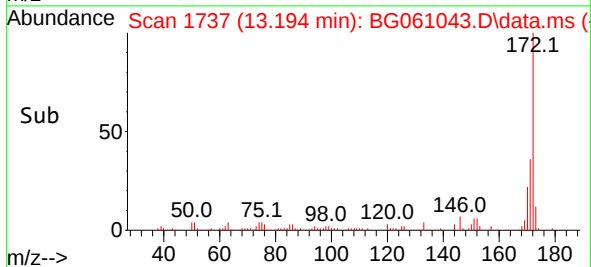
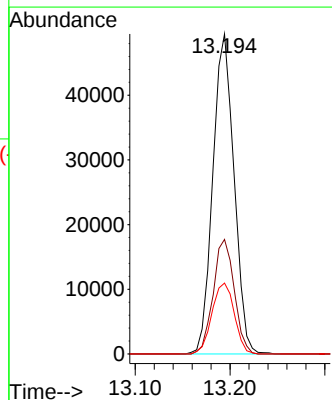
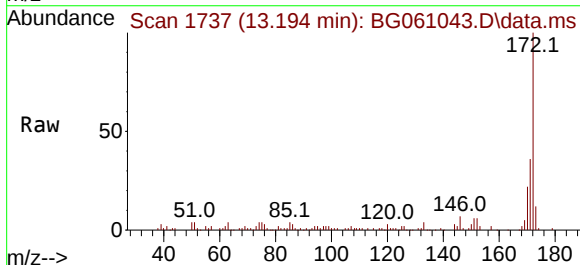
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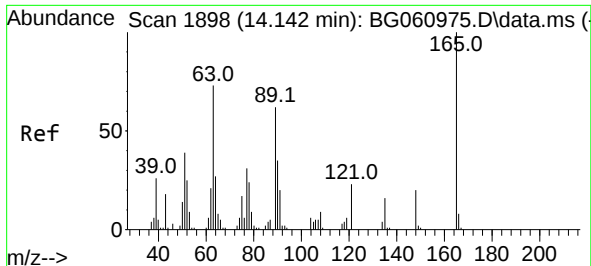
Tgt Ion:	330	Resp:	29618
Ion Ratio	Lower	Upper	
330	100		
332	93.0	77.1	115.7
141	26.8	20.6	31.0



#45
 2-Fluorobiphenyl
 Concen: 14.207 ng
 RT: 13.194 min Scan# 1737
 Delta R.T. -0.001 min
 Lab File: BG061043.D
 Acq: 25 Apr 2024 18:44

Tgt Ion:	172	Resp:	76766
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.3	43.9
170	22.2	20.1	30.1

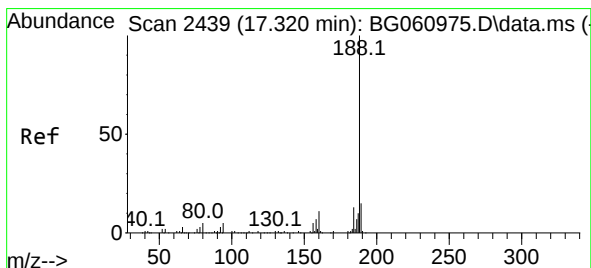
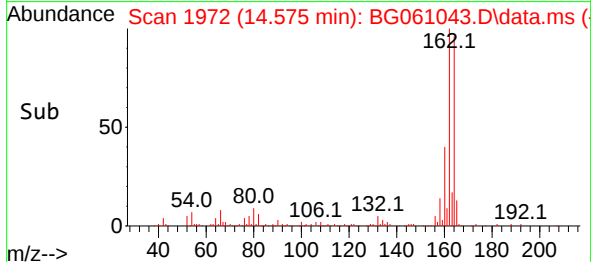
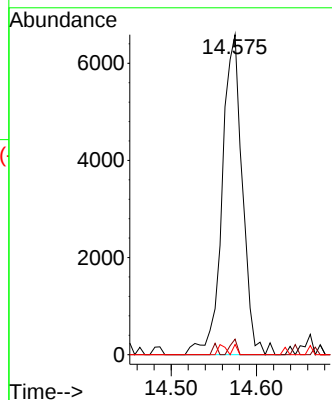
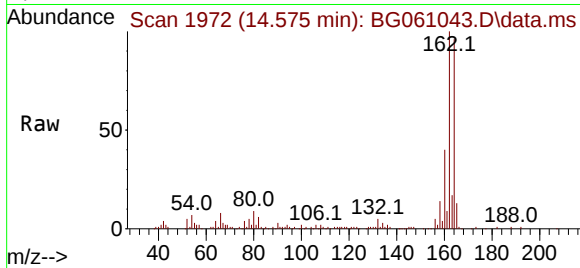




#51
2,6-Dinitrotoluene
Concen: 8.449 ng
RT: 14.575 min Scan# 1898
Delta R.T. 0.433 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

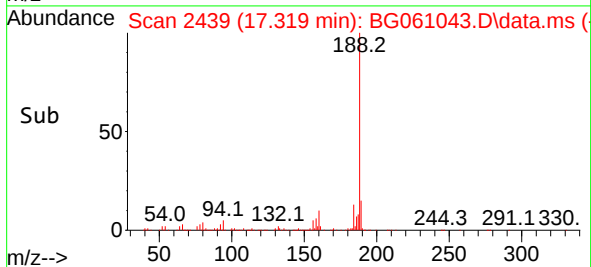
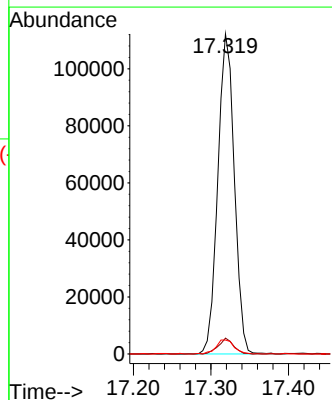
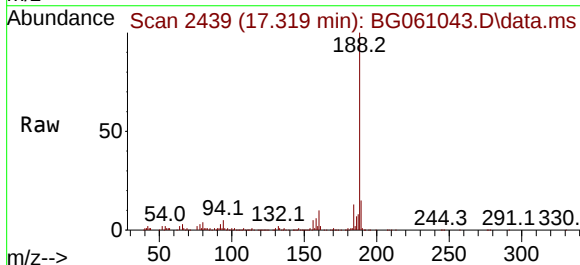
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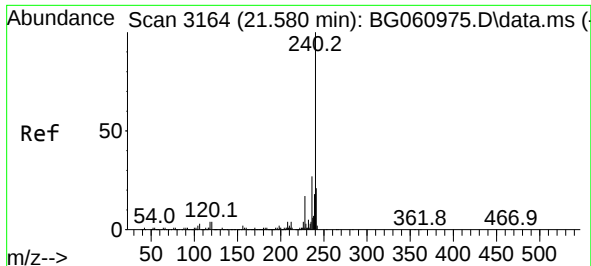
Tgt Ion:165 Resp: 10871
Ion Ratio Lower Upper
165 100
63 4.8 59.6 89.4#
89 3.2 49.4 74.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Tgt Ion:188 Resp: 166350
Ion Ratio Lower Upper
188 100
94 5.0 4.1 6.1
80 4.3 4.0 6.0

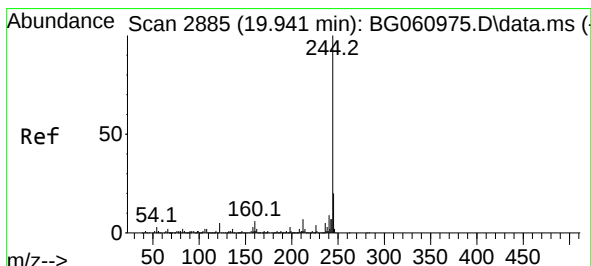
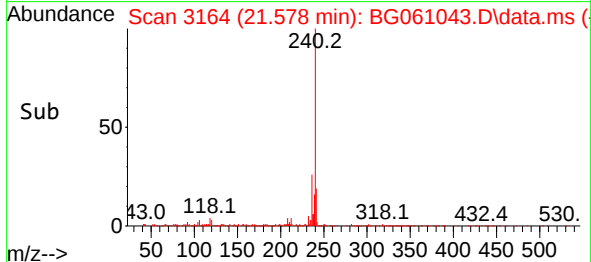
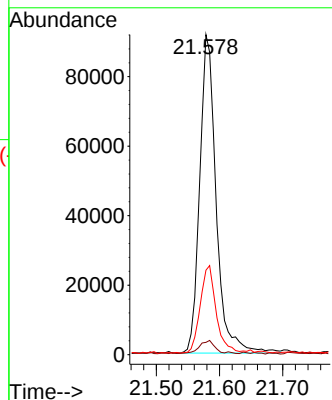
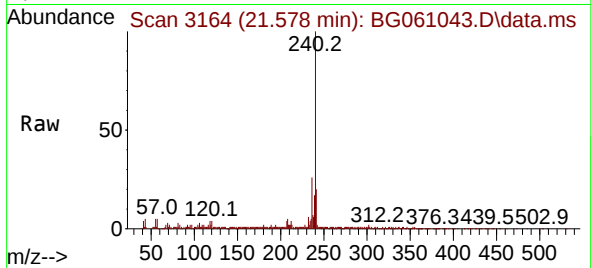




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

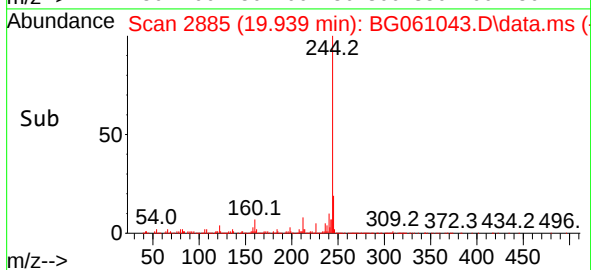
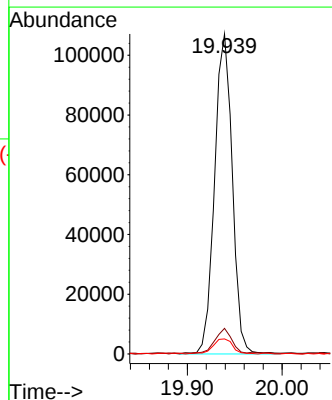
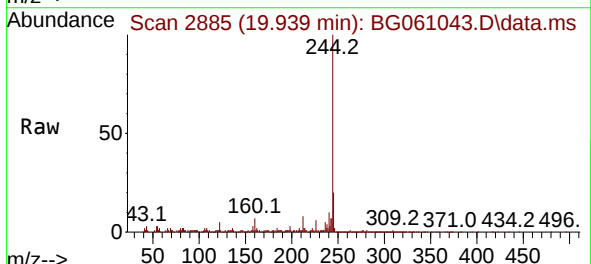
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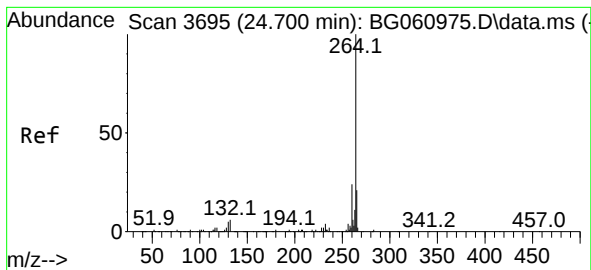
Tgt Ion:240 Resp: 165513
Ion Ratio Lower Upper
240 100
120 3.8 3.0 4.6
236 26.4 21.8 32.6



#79
Terphenyl-d14
Concen: 13.025 ng
RT: 19.939 min Scan# 2885
Delta R.T. -0.001 min
Lab File: BG061043.D
Acq: 25 Apr 2024 18:44

Tgt Ion:244 Resp: 138887
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 4.7 4.2 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 30

Delta R.T. 0.010 min

Lab File: BG061043.D

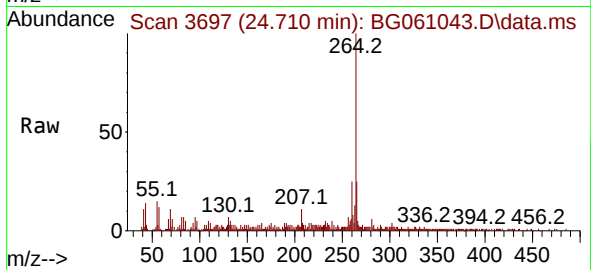
Acq: 25 Apr 2024 18:44

Instrument :

BNA_G

ClientSampleId :

HR-04-04242024



Tgt Ion:264 Resp: 130223

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 24.9 17.0 25.4

