

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061108.D
 Acq On : 3 May 2024 16:09
 Operator : MA/JU
 Sample : P2354-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V359

Quant Time: May 03 17:46:22 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)

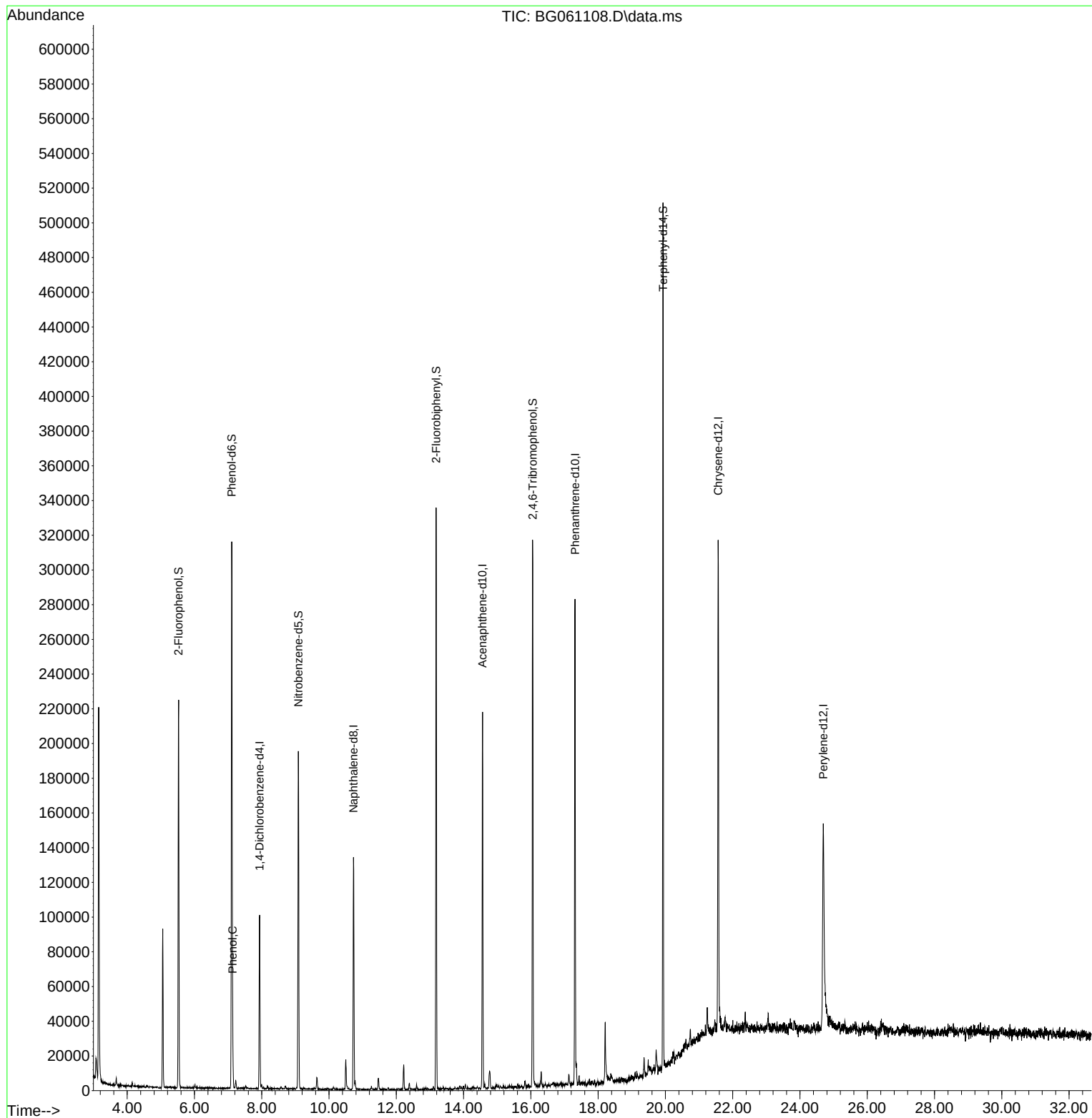
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	25973	20.000	ng	-0.03
21) Naphthalene-d8	10.727	136	104883	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	81185	20.000	ng	-0.03
64) Phenanthrene-d10	17.313	188	183391	20.000	ng	-0.02
76) Chrysene-d12	21.567	240	184747	20.000	ng	-0.03
86) Perylene-d12	24.693	264	180902	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	80348	62.914	ng	-0.02
7) Phenol-d6	7.107	99	138449	73.283	ng	-0.03
23) Nitrobenzene-d5	9.087	82	97842	46.244	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	72306	44.558	ng	-0.02
45) 2-Fluorobiphenyl	13.183	172	165338	30.115	ng	-0.03
79) Terphenyl-d14	19.928	244	257573	23.187	ng	-0.03
Target Compounds						
10) Phenol	7.137	94	12034	6.264	ng	Qvalue 91

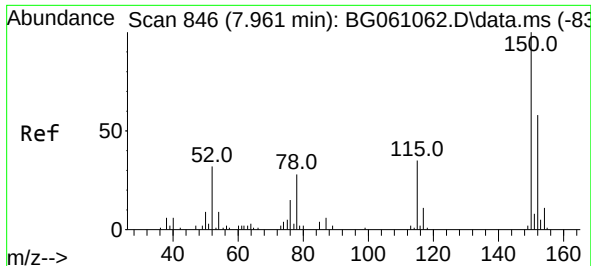
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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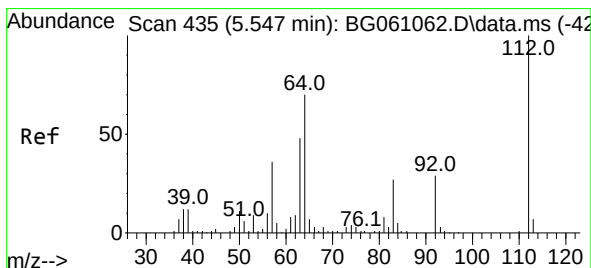
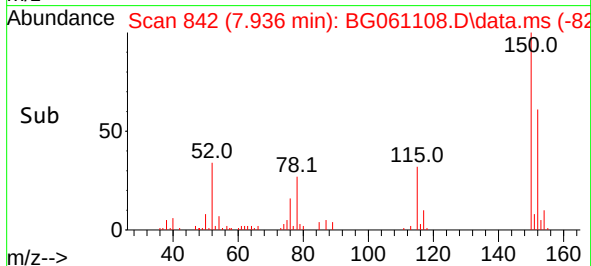
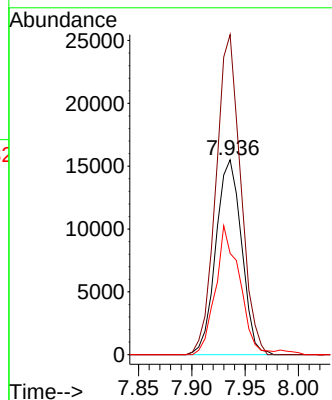
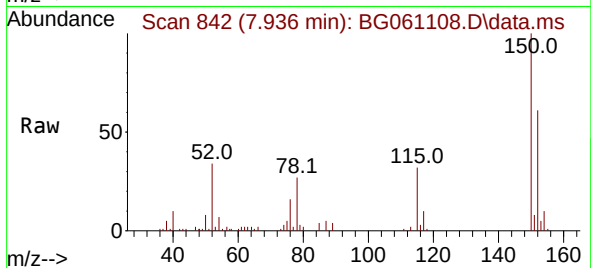




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 84
Delta R.T. -0.025 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

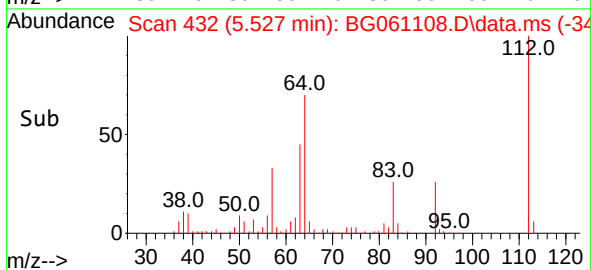
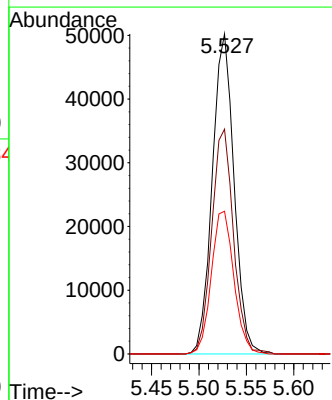
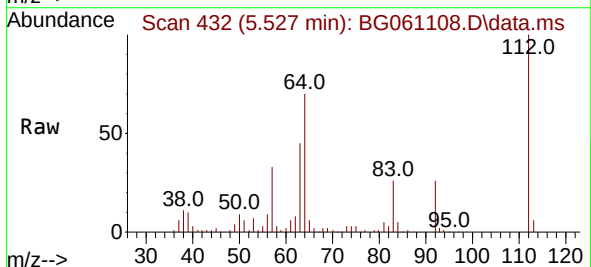
Instrument :
BNA_G
ClientSampleId :
V359

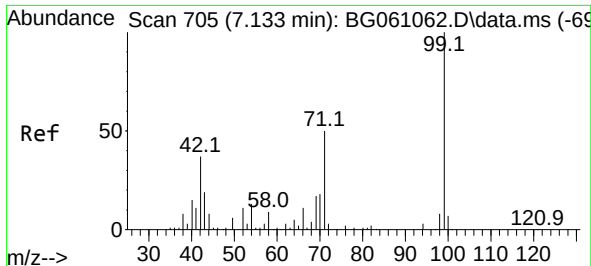
Tgt Ion:152 Resp: 25973
Ion Ratio Lower Upper
152 100
150 164.3 138.3 207.5
115 52.0 48.0 72.0



#5
2-Fluorophenol
Concen: 62.914 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

Tgt Ion:112 Resp: 80348
Ion Ratio Lower Upper
112 100
64 70.3 55.7 83.5
63 44.6 38.1 57.1





#7

Phenol-d6

Concen: 73.283 ng

RT: 7.107 min Scan# 701

Delta R.T. -0.026 min

Lab File: BG061108.D

Acq: 3 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

V359

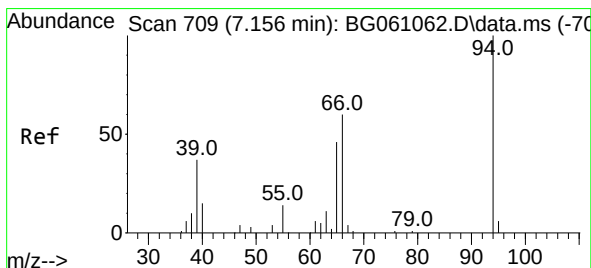
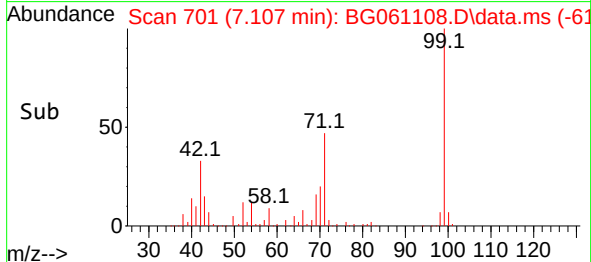
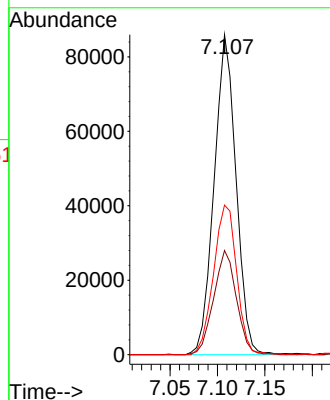
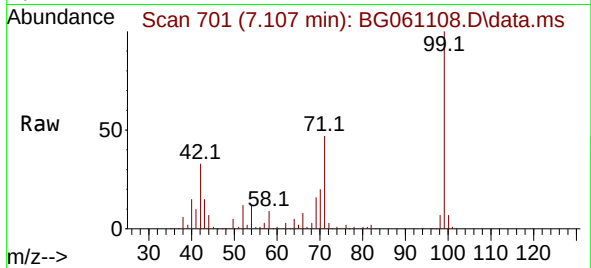
Tgt Ion: 99 Resp: 138449

Ion Ratio Lower Upper

99 100

42 32.6 29.2 43.8

71 46.7 39.7 59.5



#10

Phenol

Concen: 6.264 ng

RT: 7.137 min Scan# 706

Delta R.T. -0.020 min

Lab File: BG061108.D

Acq: 3 May 2024 16:09

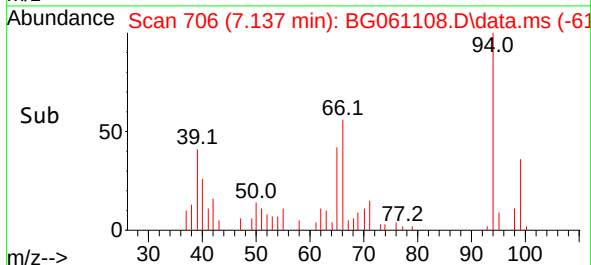
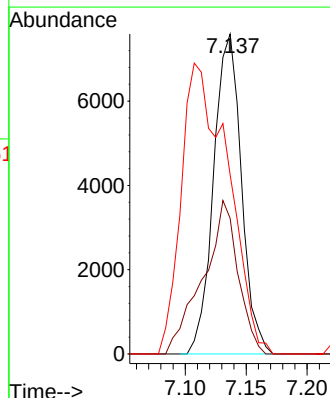
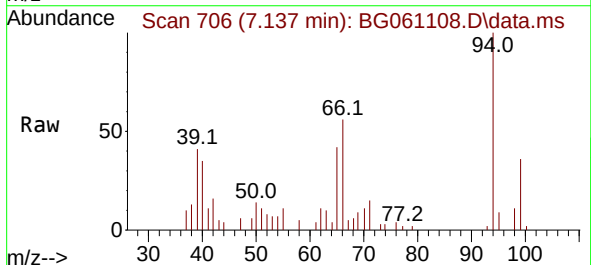
Tgt Ion: 94 Resp: 12034

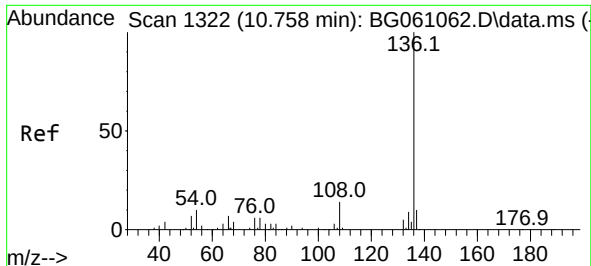
Ion Ratio Lower Upper

94 100

65 42.4 26.8 66.8

66 56.0 44.7 84.7

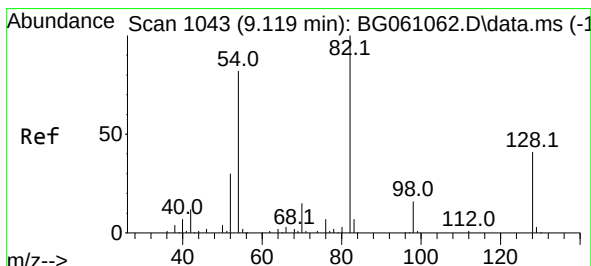
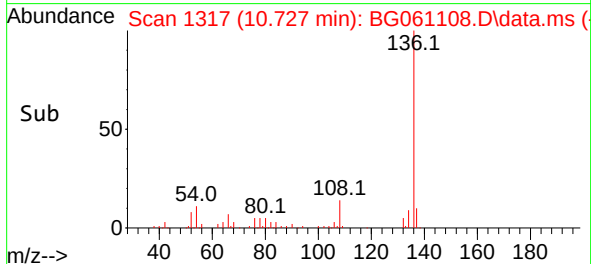
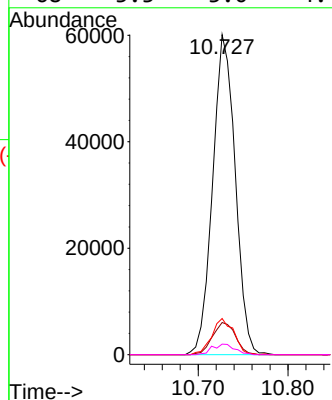
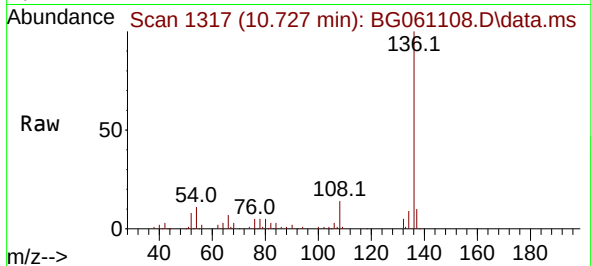




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.031 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

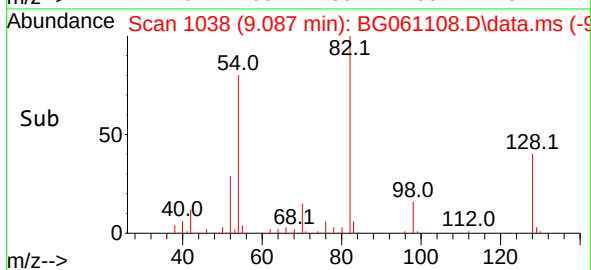
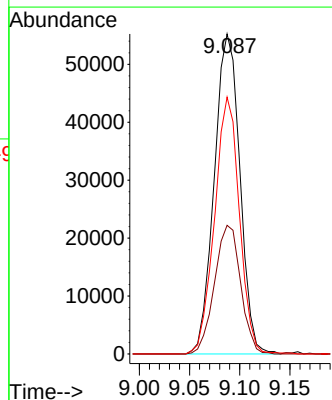
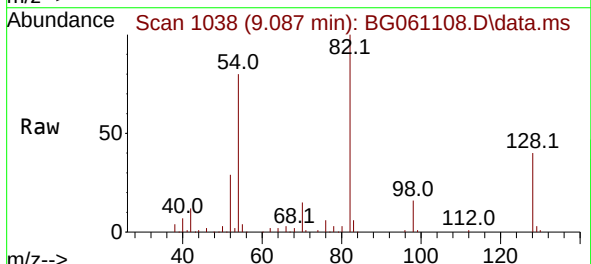
Instrument :
BNA_G
ClientSampleId :
V359

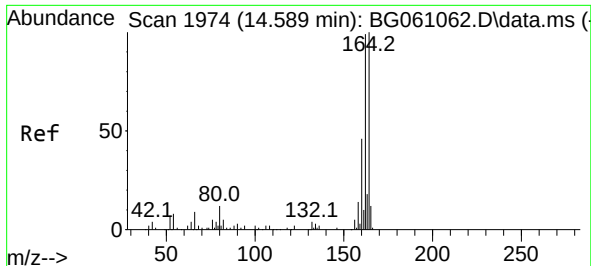
Tgt Ion:	136	Resp:	104883
Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.8	11.6
54	11.3	8.1	12.1
68	3.3	3.0	4.4



#23
Nitrobenzene-d5
Concen: 46.244 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.031 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

Tgt Ion:	82	Resp:	97842
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.7	49.1
54	80.3	65.6	98.4

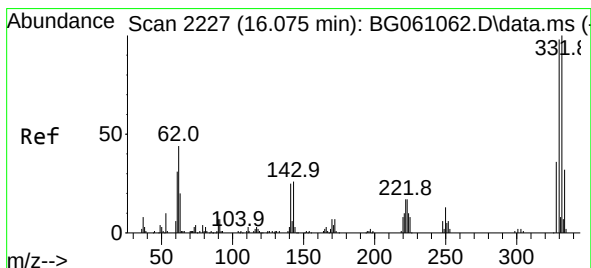
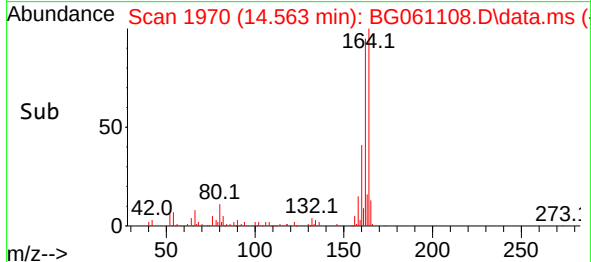
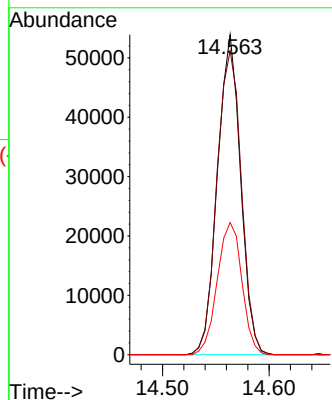
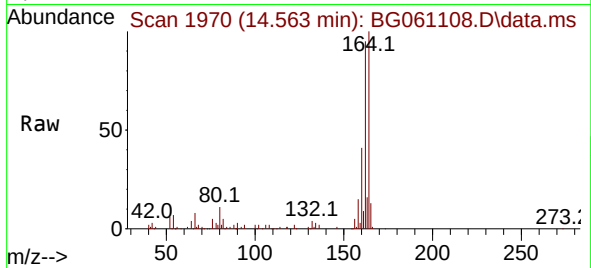




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1974
Delta R.T. -0.026 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

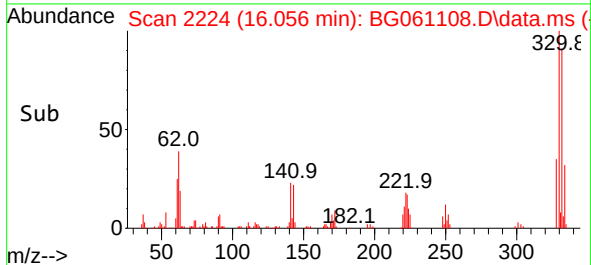
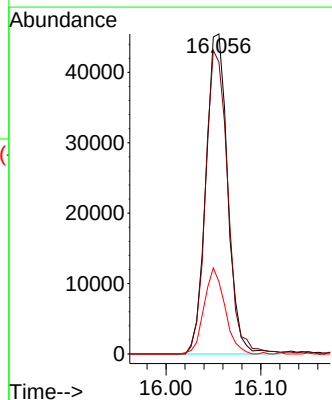
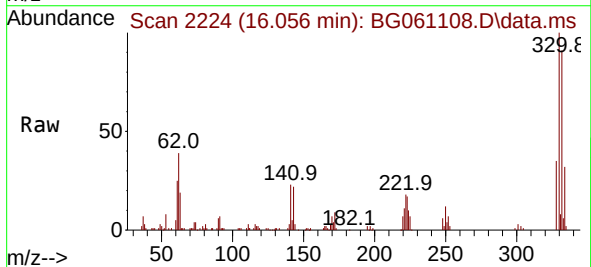
Instrument :
BNA_G
ClientSampleId :
V359

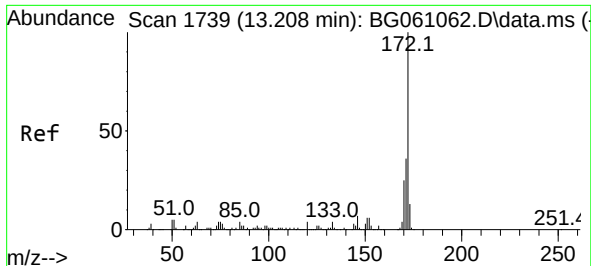
Tgt Ion:164 Resp: 81185
Ion Ratio Lower Upper
164 100
162 94.9 79.4 119.2
160 41.3 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 44.558 ng
RT: 16.056 min Scan# 2224
Delta R.T. -0.020 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

Tgt Ion:330 Resp: 72306
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 25.7 20.5 30.7

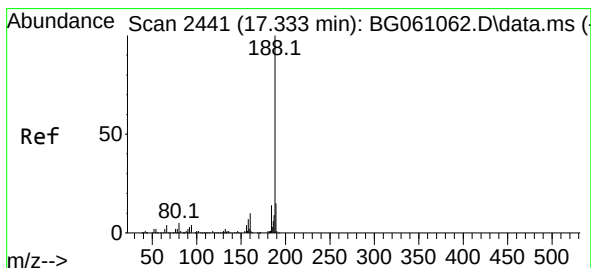
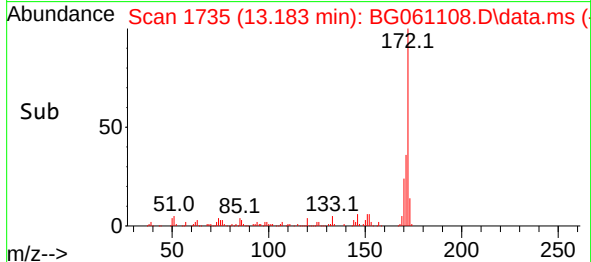
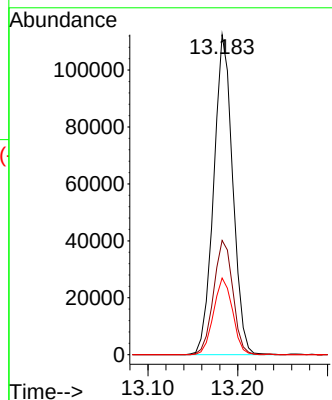
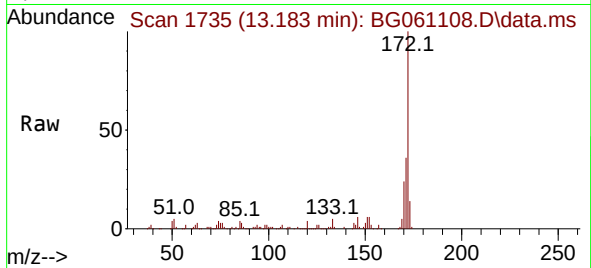




#45
2-Fluorobiphenyl
Concen: 30.115 ng
RT: 13.183 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

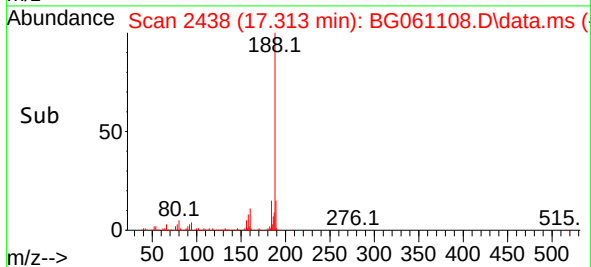
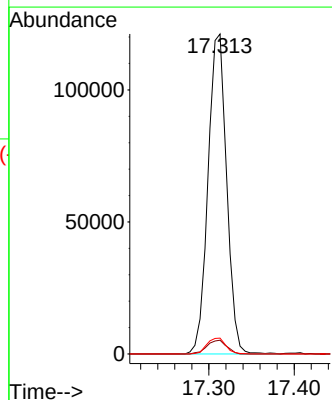
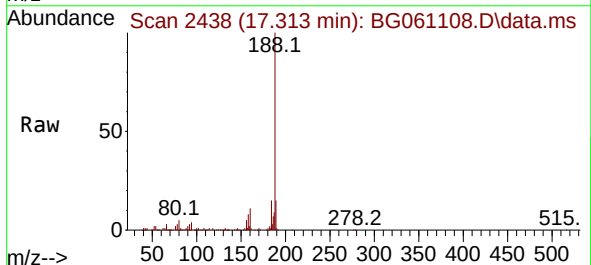
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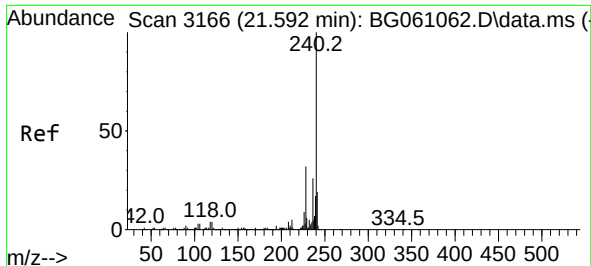
Tgt Ion:172 Resp: 165338
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.9 20.2 30.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.020 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

Tgt Ion:188 Resp: 183391
Ion Ratio Lower Upper
188 100
94 4.3 3.6 5.4
80 5.0 4.2 6.2

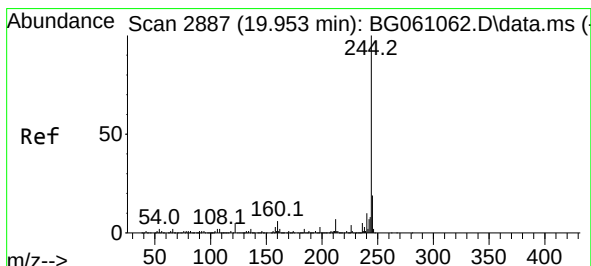
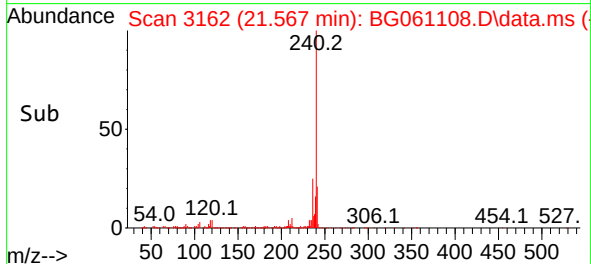
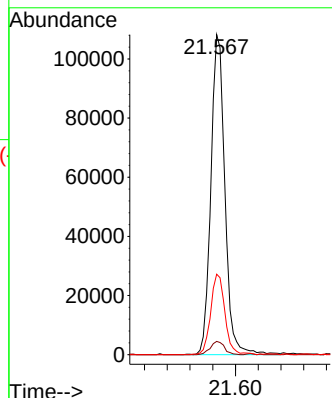
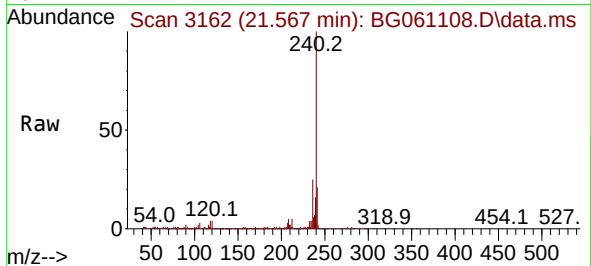




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3166
Delta R.T. -0.026 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

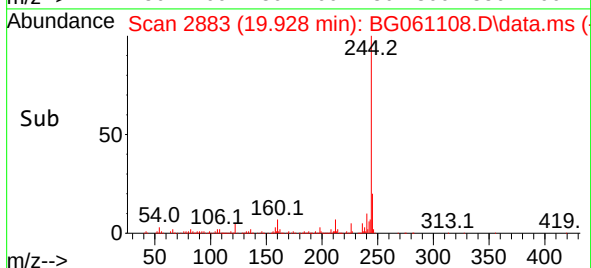
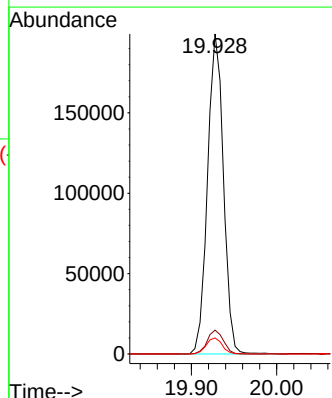
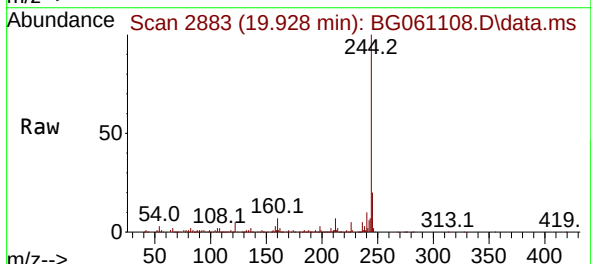
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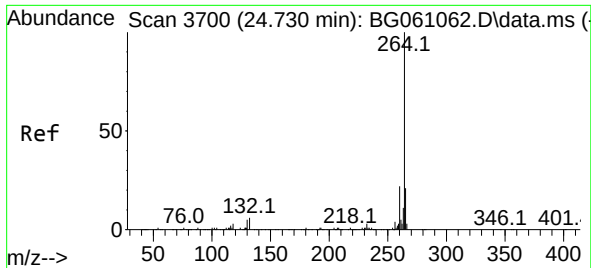
Tgt Ion:240 Resp: 184747
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 25.2 21.0 31.6



#79
Terphenyl-d14
Concen: 23.187 ng
RT: 19.928 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

Tgt Ion:244 Resp: 257573
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.0 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.693 min Scan# 30
Delta R.T. -0.037 min
Lab File: BG061108.D
Acq: 3 May 2024 16:09

Instrument :
BNA_G
ClientSampleId :
V359

Tgt Ion:264 Resp: 180902
Ion Ratio Lower Upper
264 100
260 25.7 17.7 26.5
265 23.1 16.4 24.6

