

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
Data File : BG061073.D
Acq On : 1 May 2024 12:38
Operator : MA/JU
Sample : P2307-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Time: May 01 13:37:43 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)

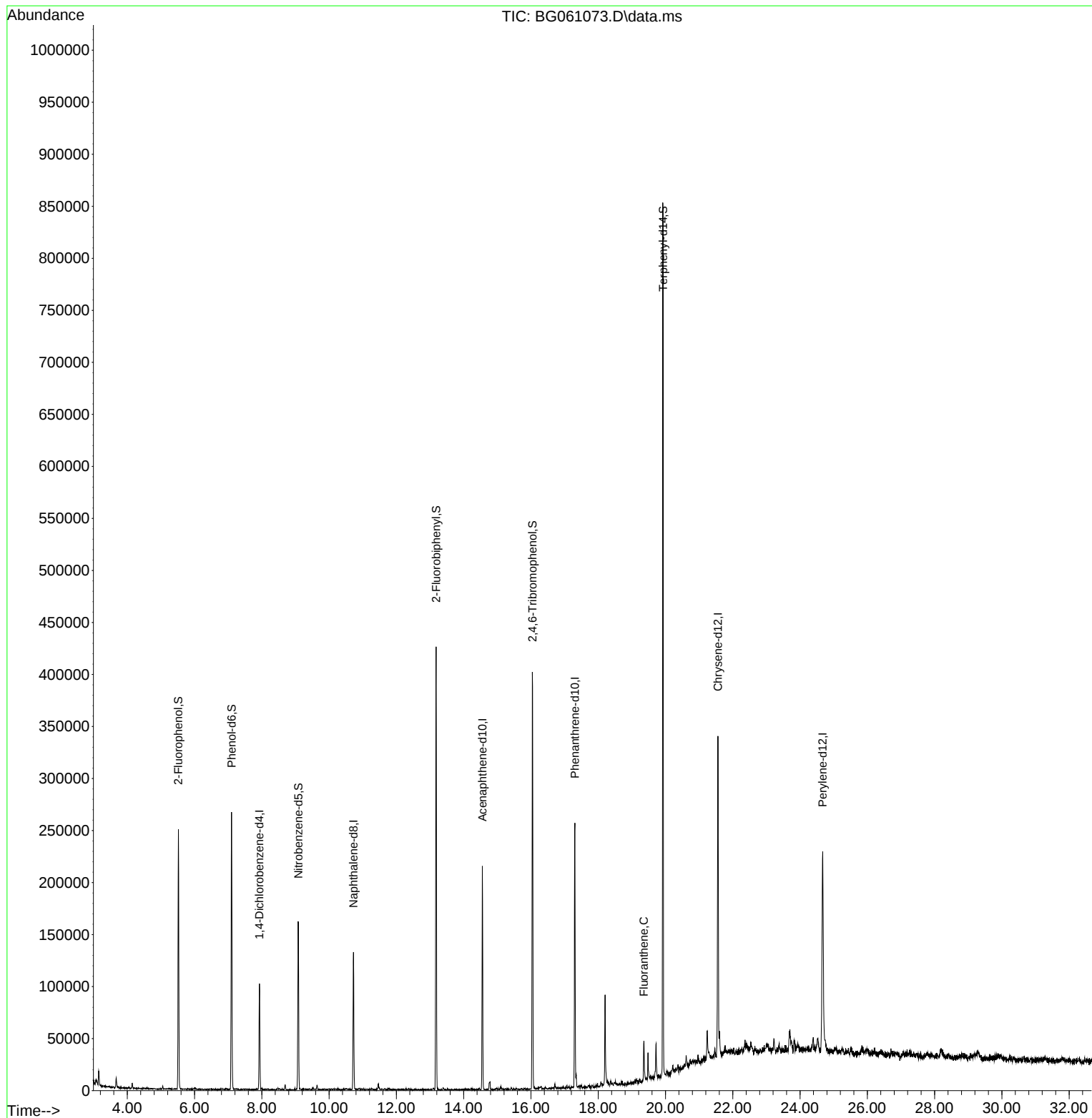
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	25311	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	99948	20.000	ng	-0.03
39) Acenaphthene-d10	14.557	164	72412	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	171155	20.000	ng	-0.03
76) Chrysene-d12	21.560	240	180833	20.000	ng	-0.03
86) Perylene-d12	24.674	264	219900	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	84848	68.175	ng	-0.03
7) Phenol-d6	7.101	99	117272	63.697	ng	-0.03
23) Nitrobenzene-d5	9.086	82	82406	40.872	ng	-0.03
42) 2,4,6-Tribromophenol	16.049	330	87367	60.362	ng	-0.03
45) 2-Fluorobiphenyl	13.182	172	219176	44.758	ng	-0.03
79) Terphenyl-d14	19.927	244	438310	40.312	ng	-0.03
Target Compounds						Qvalue
75) Fluoranthene	19.357	202	23486	2.191	ng	95

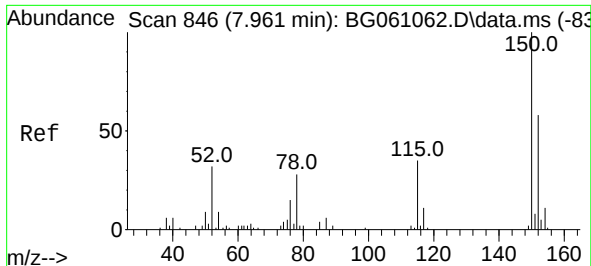
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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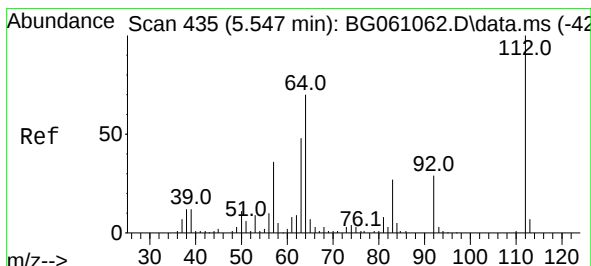
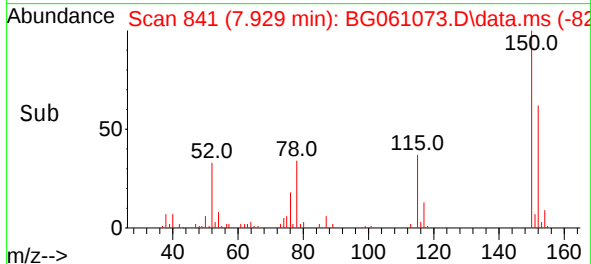
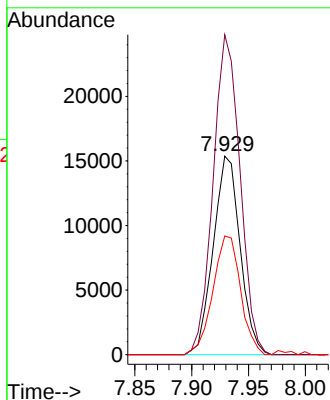
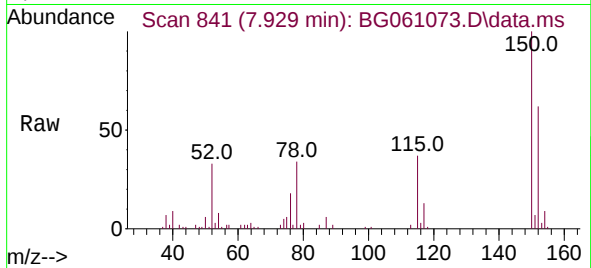




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 846
Delta R.T. -0.032 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

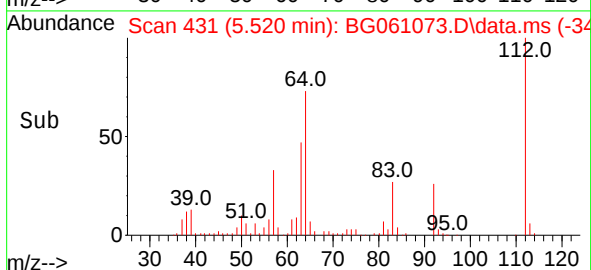
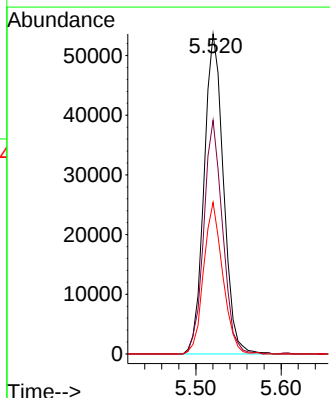
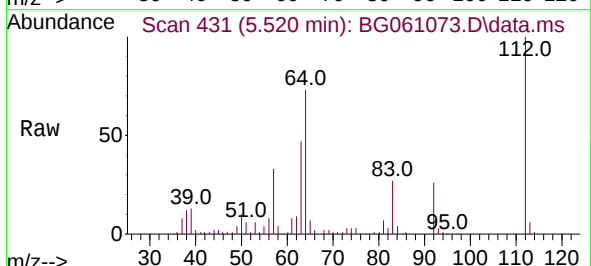
Instrument :
BNA_G
ClientSampleId :
WC-1

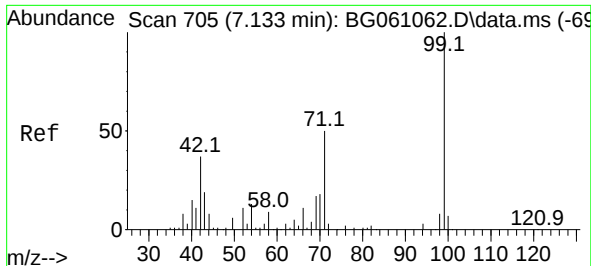
Tgt Ion:152 Resp: 25311
Ion Ratio Lower Upper
152 100
150 161.1 138.3 207.5
115 59.8 48.0 72.0



#5
2-Fluorophenol
Concen: 68.175 ng
RT: 5.520 min Scan# 431
Delta R.T. -0.026 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

Tgt Ion:112 Resp: 84848
Ion Ratio Lower Upper
112 100
64 73.0 55.7 83.5
63 47.4 38.1 57.1

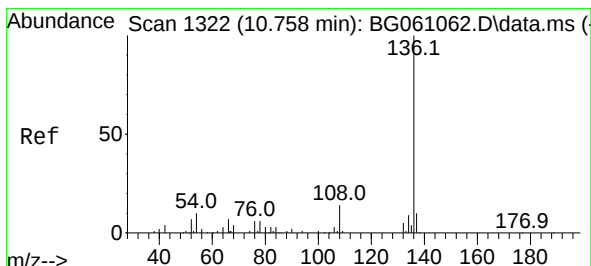
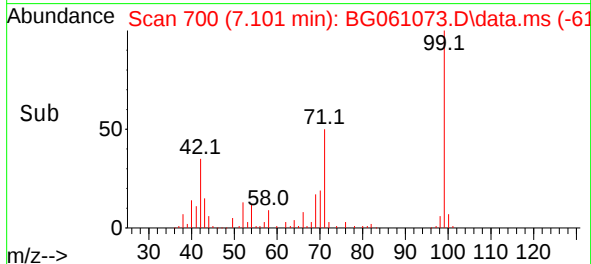
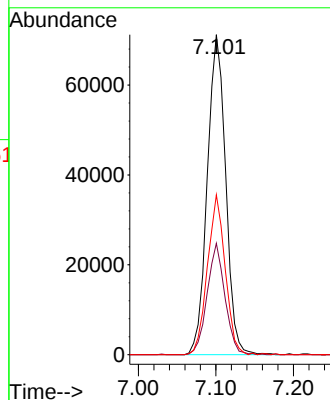
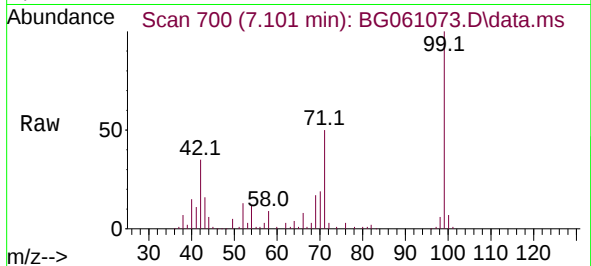




#7
Phenol-d6
Concen: 63.697 ng
RT: 7.101 min Scan# 705
Delta R.T. -0.032 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

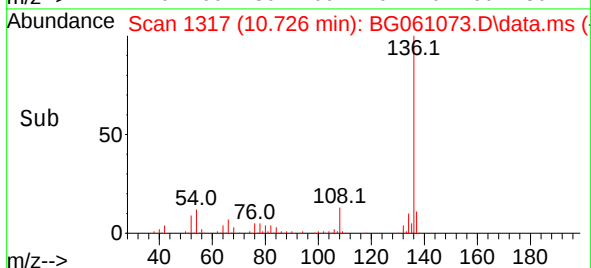
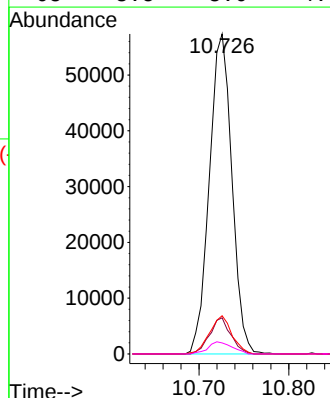
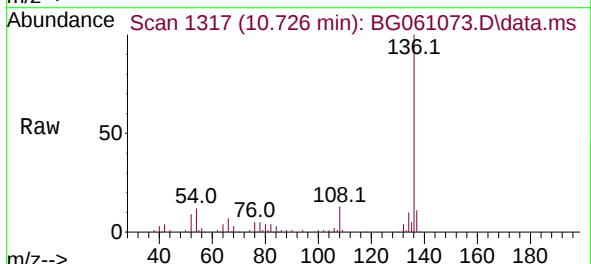
Instrument :
BNA_G
ClientSampleId :
WC-1

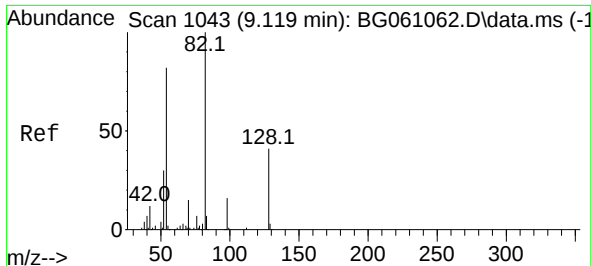
Tgt Ion: 99 Resp: 117272
Ion Ratio Lower Upper
99 100
42 34.8 29.2 43.8
71 50.0 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

Tgt Ion:136 Resp: 99948
Ion Ratio Lower Upper
136 100
137 11.3 7.8 11.6
54 11.9 8.1 12.1
68 3.5 3.0 4.4





#23

Nitrobenzene-d5

Concen: 40.872 ng

RT: 9.086 min Scan# 1

Delta R.T. -0.032 min

Lab File: BG061073.D

Acq: 1 May 2024 12:38

Instrument :

BNA_G

ClientSampleId :

WC-1

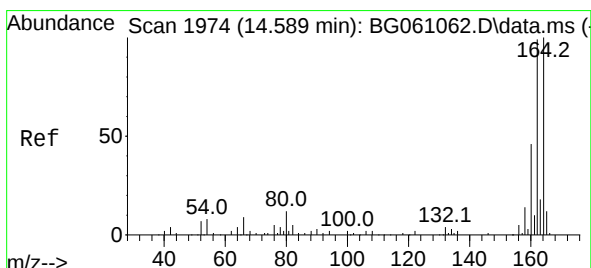
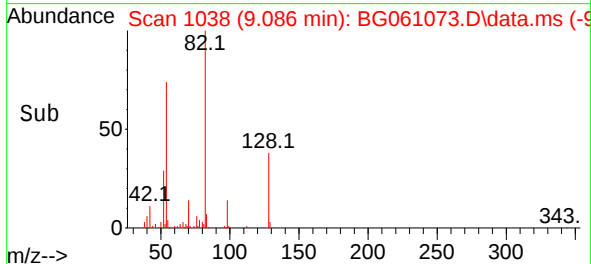
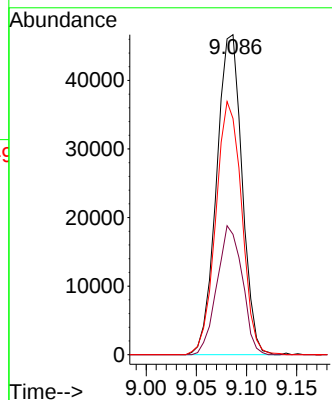
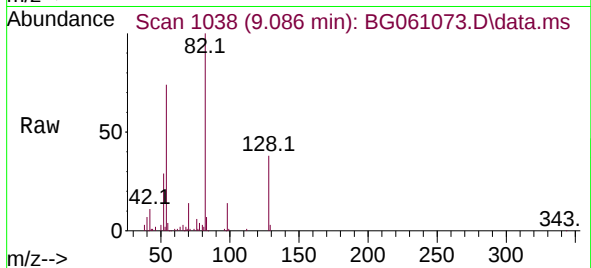
Tgt Ion: 82 Resp: 82406

Ion Ratio Lower Upper

82 100

128 37.6 32.7 49.1

54 73.8 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: BG061073.D

Acq: 1 May 2024 12:38

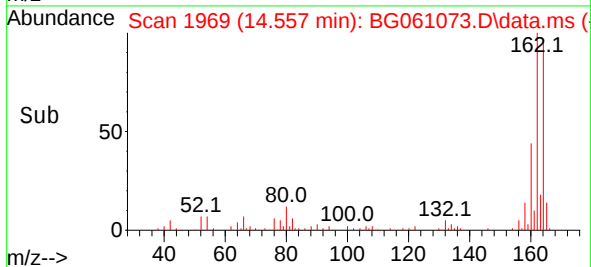
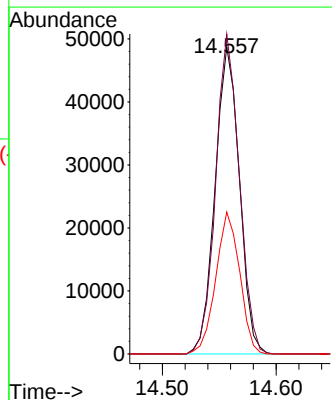
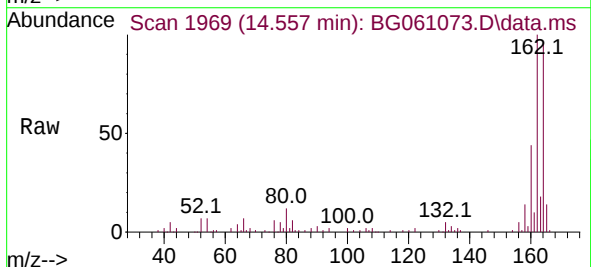
Tgt Ion:164 Resp: 72412

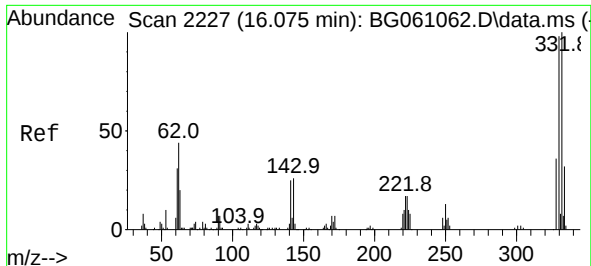
Ion Ratio Lower Upper

164 100

162 104.2 79.4 119.2

160 46.2 37.0 55.6

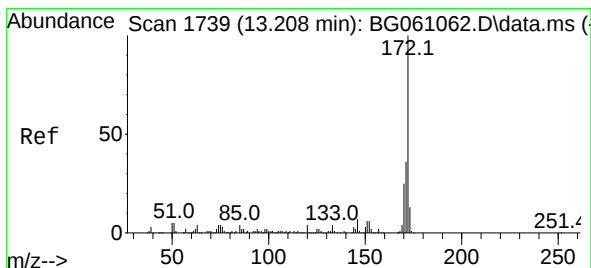
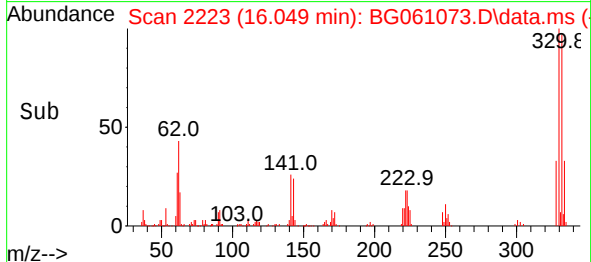
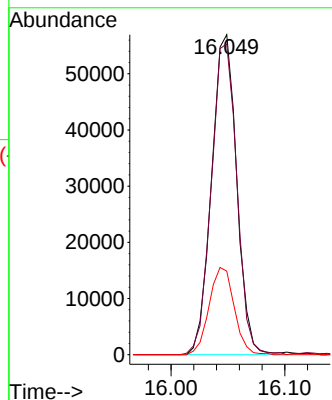
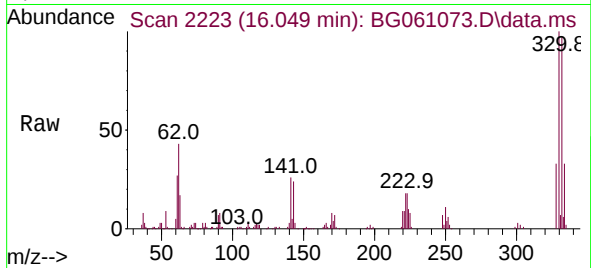




#42
2,4,6-Tribromophenol
Concen: 60.362 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.026 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

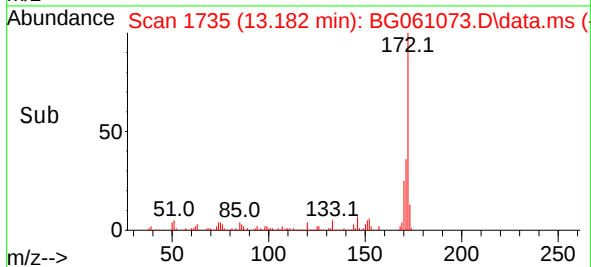
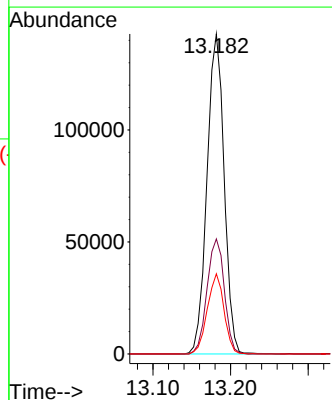
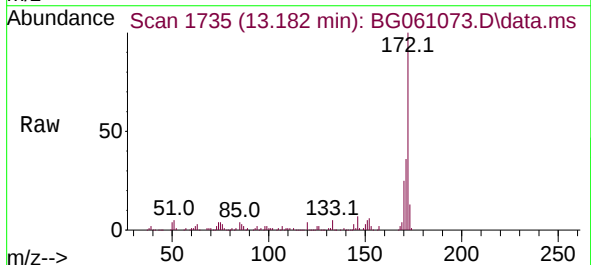
Instrument :
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ClientSampleId :
WC-1

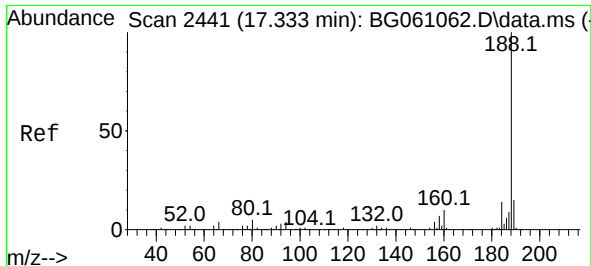
Tgt Ion:330 Resp: 87367
Ion Ratio Lower Upper
330 100
332 98.7 78.6 117.8
141 27.2 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 44.758 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

Tgt Ion:172 Resp: 219176
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 25.1 20.2 30.4

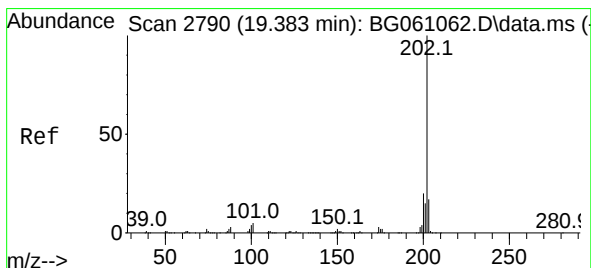
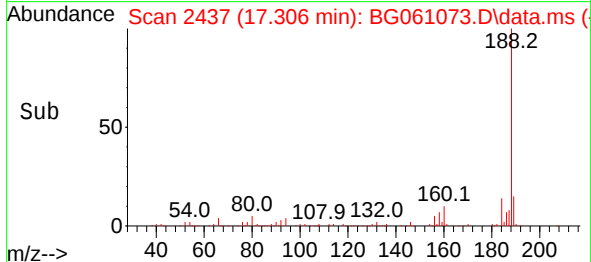
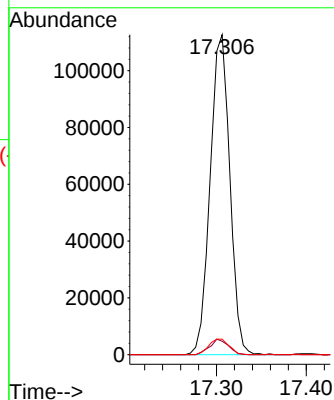
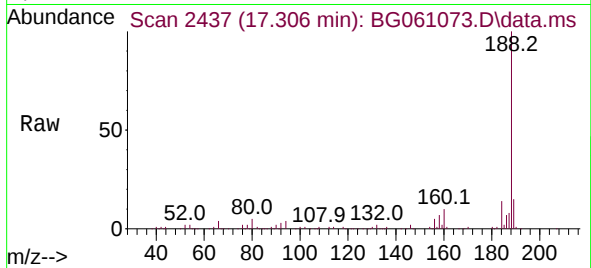




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

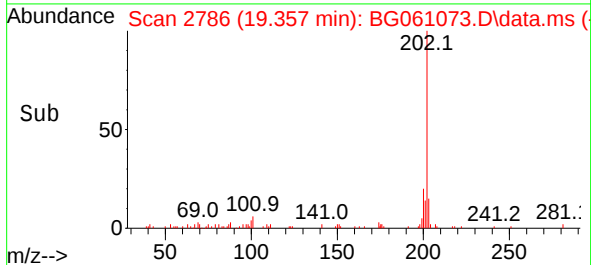
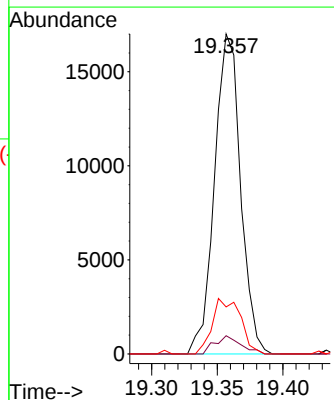
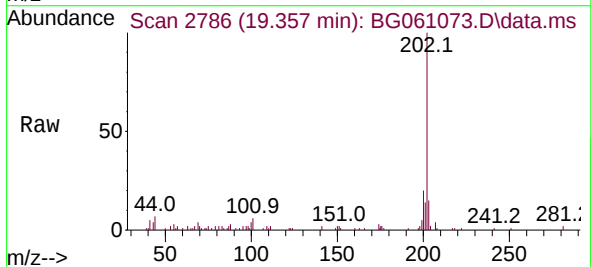
Instrument :
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WC-1

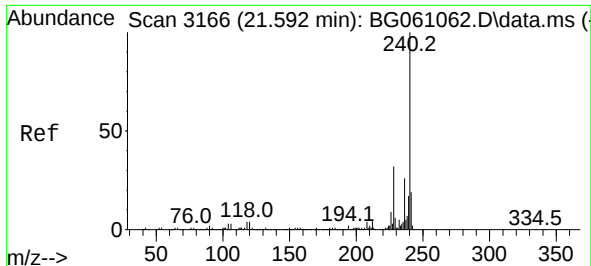
Tgt Ion:188 Resp: 171155
Ion Ratio Lower Upper
188 100
94 4.2 3.6 5.4
80 4.8 4.2 6.2



#75
Fluoranthene
Concen: 2.191 ng
RT: 19.357 min Scan# 2786
Delta R.T. -0.027 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

Tgt Ion:202 Resp: 23486
Ion Ratio Lower Upper
202 100
101 5.7 0.0 24.7
203 14.7 0.0 37.1

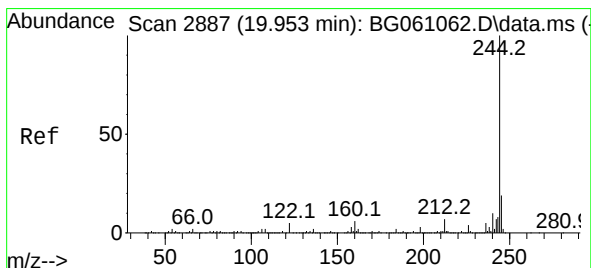
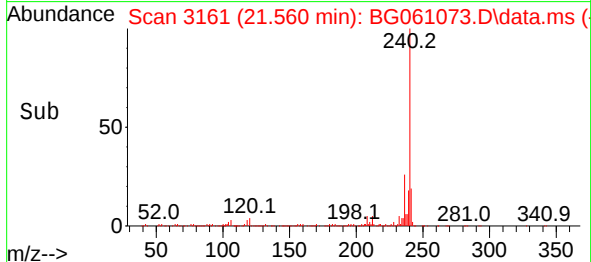
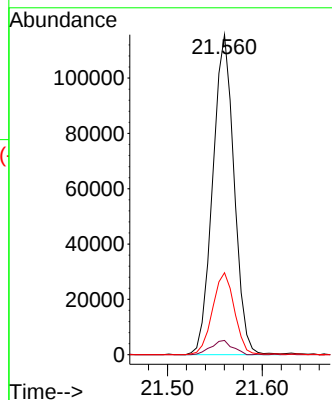
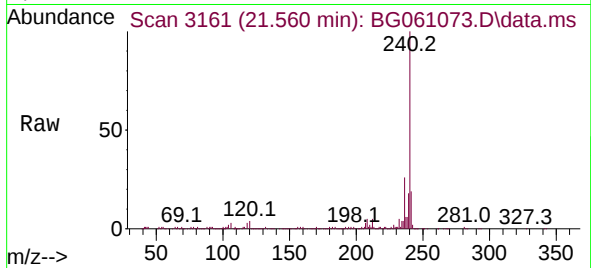




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.032 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

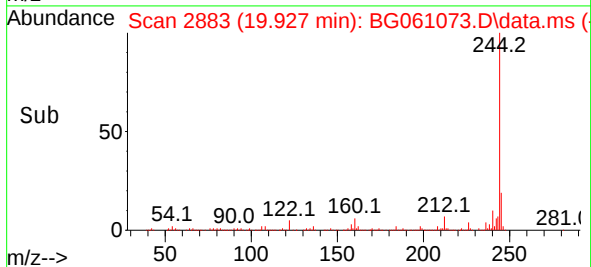
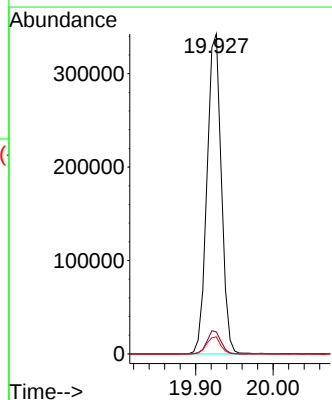
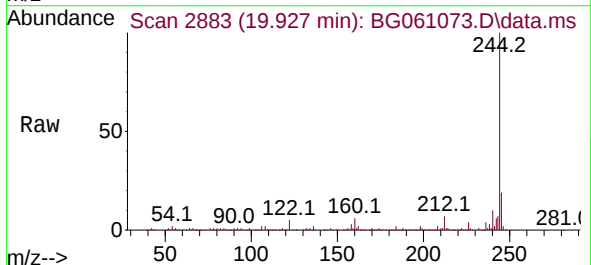
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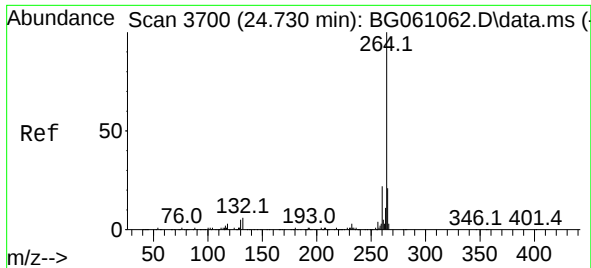
Tgt Ion:240 Resp: 180833
Ion Ratio Lower Upper
240 100
120 4.4 3.2 4.8
236 25.6 21.0 31.6



#79
Terphenyl-d14
Concen: 40.312 ng
RT: 19.927 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061073.D
Acq: 1 May 2024 12:38

Tgt Ion:244 Resp: 438310
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 5.4 4.2 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.674 min Scan# 3

Delta R.T. -0.056 min

Lab File: BG061073.D

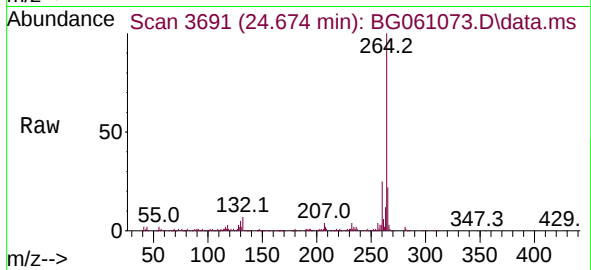
Acq: 1 May 2024 12:38

Instrument :

BNA_G

ClientSampleId :

WC-1



Tgt Ion:264 Resp: 219900

Ion Ratio Lower Upper

264 100

260 24.5 17.7 26.5

265 21.9 16.4 24.6

