

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061170.D
Acq On : 10 May 2024 19:43
Operator : MA/JU
Sample : P2430-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS002-1224-01

Quant Time: May 10 23:02:05 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	7.931	152	28180	20.000	ng	-0.03
21) Naphthalene-d8	10.728	136	109020	20.000	ng	#-0.03
39) Acenaphthene-d10	14.559	164	82014	20.000	ng	-0.03
64) Phenanthrene-d10	17.309	188	178507	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	180064	20.000	ng	-0.02
86) Perylene-d12	24.688	264	207391	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	20593	14.862	ng	-0.02
7) Phenol-d6	7.109	99	26865	13.106	ng	-0.02
23) Nitrobenzene-d5	9.083	82	20729	9.426	ng	-0.04
42) 2,4,6-Tribromophenol	16.051	330	18212	11.110	ng	-0.02
45) 2-Fluorobiphenyl	13.178	172	52501	9.466	ng	-0.03
79) Terphenyl-d14	19.923	244	83548	7.717	ng	-0.03

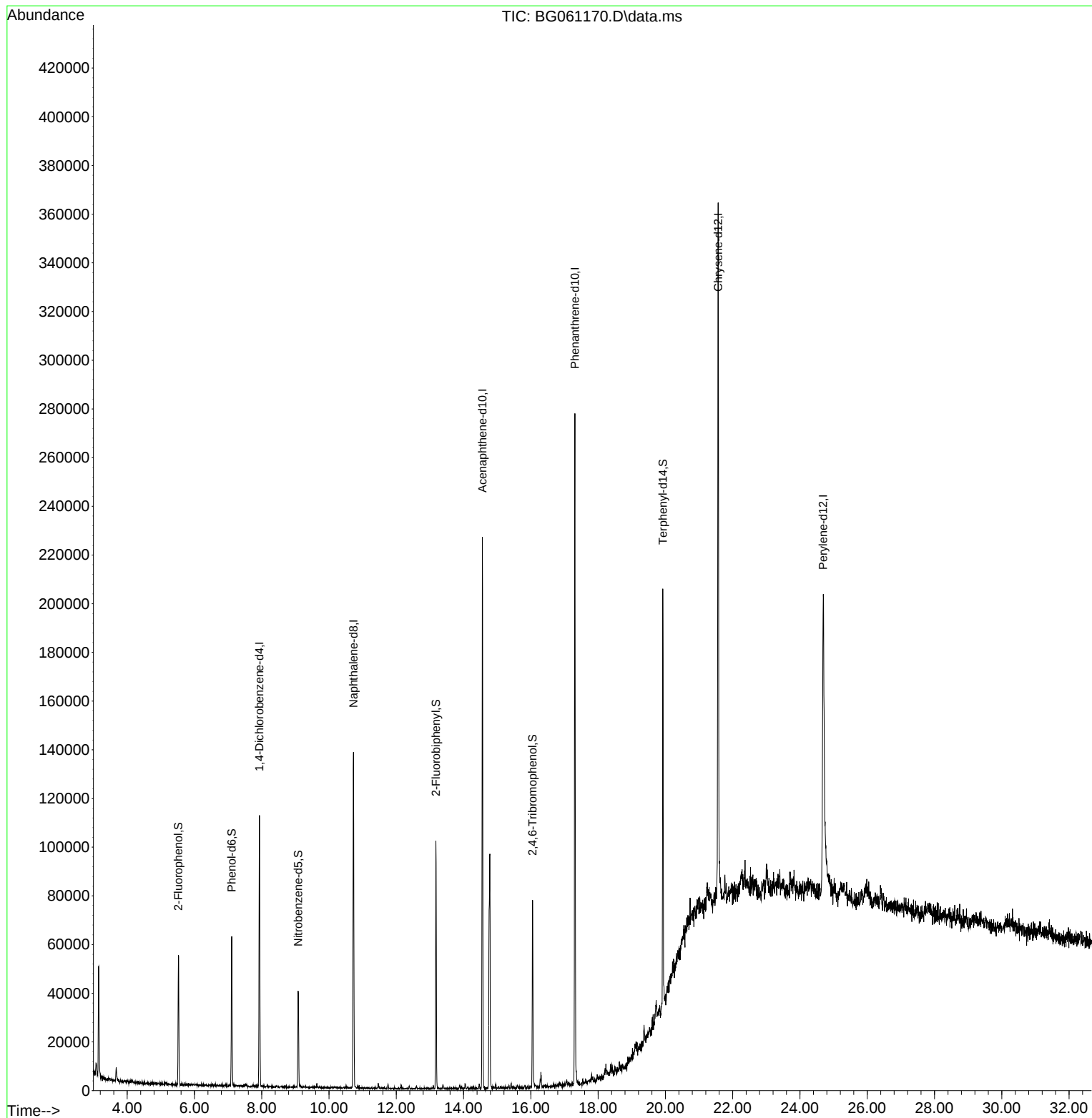
Target Compounds	Qvalue

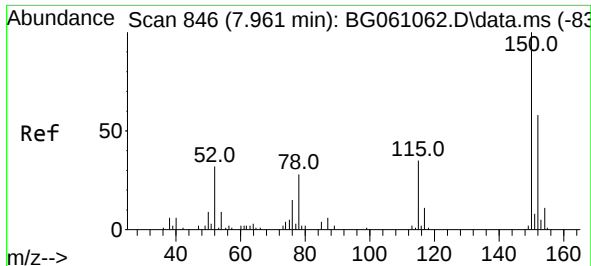
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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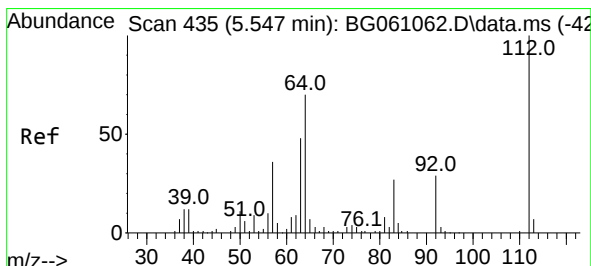
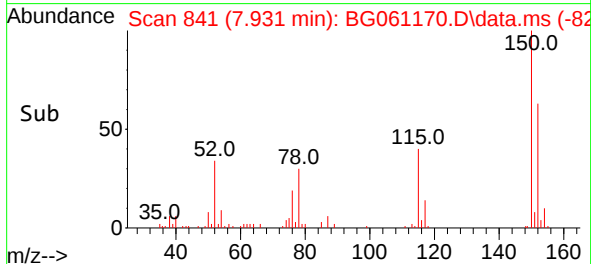
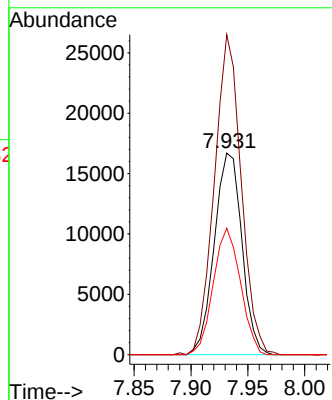
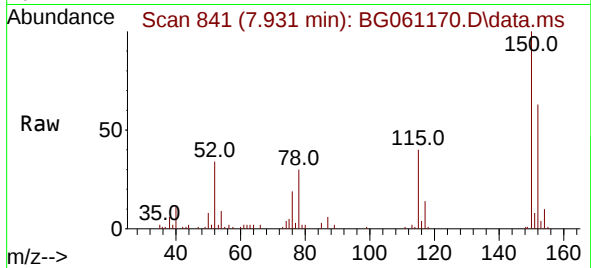




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 846
Delta R.T. -0.030 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

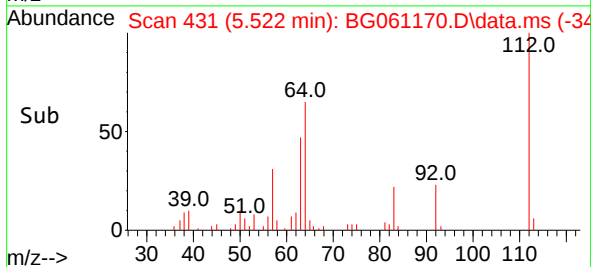
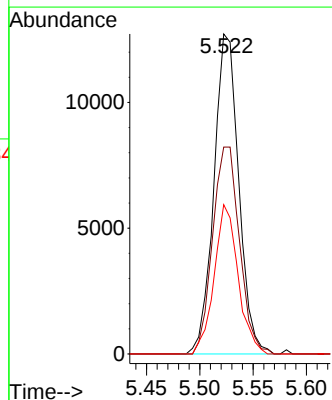
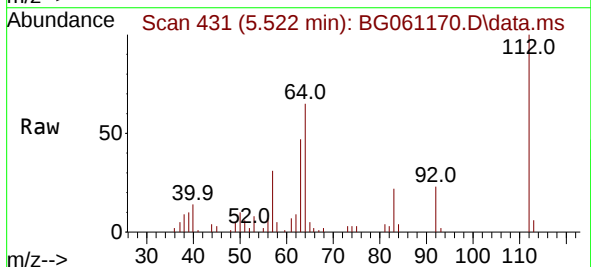
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS002-1224-01

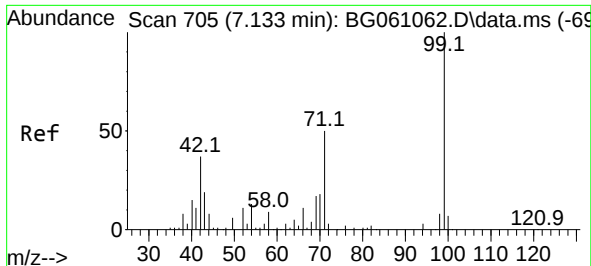
Tgt Ion:152 Resp: 28180
Ion Ratio Lower Upper
152 100
150 158.7 138.3 207.5
115 62.7 48.0 72.0



#5
2-Fluorophenol
Concen: 14.862 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.024 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

Tgt Ion:112 Resp: 20593
Ion Ratio Lower Upper
112 100
64 64.6 55.7 83.5
63 46.7 38.1 57.1

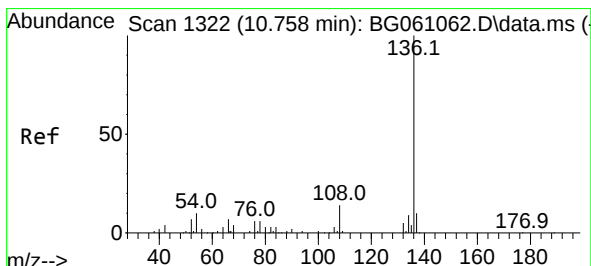
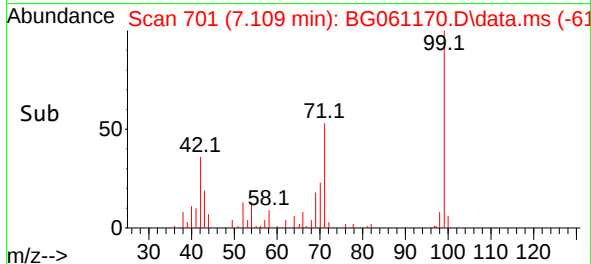
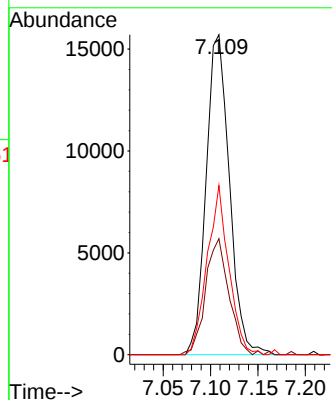
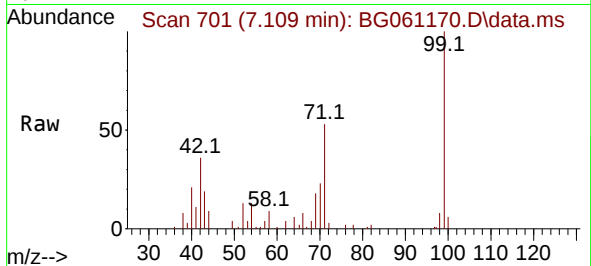




#7
Phenol-d6
Concen: 13.106 ng
RT: 7.109 min Scan# 705
Delta R.T. -0.024 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

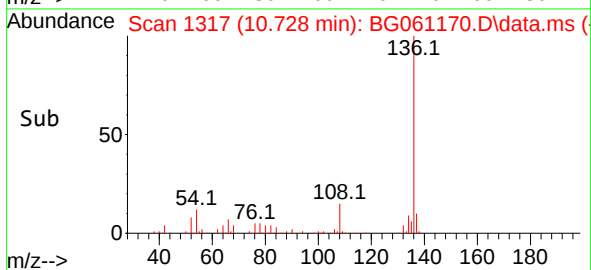
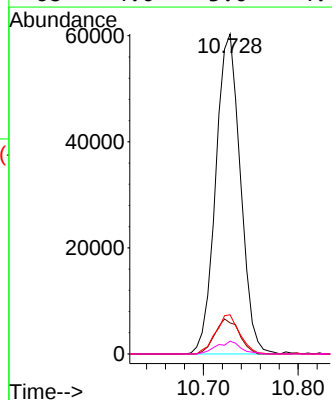
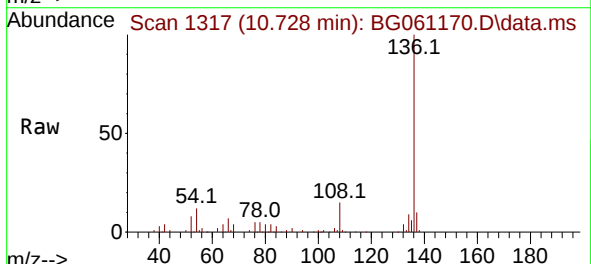
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS002-1224-01

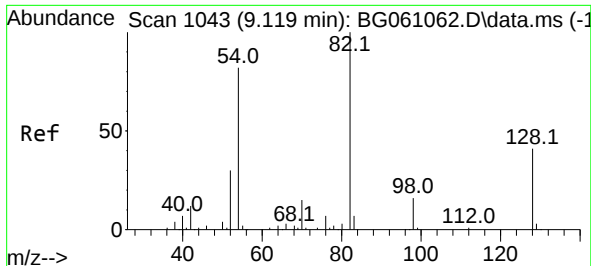
Tgt Ion: 99 Resp: 26865
Ion Ratio Lower Upper
99 100
42 36.2 29.2 43.8
71 52.9 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1317
Delta R.T. -0.030 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

Tgt Ion:136 Resp: 109020
Ion Ratio Lower Upper
136 100
137 9.7 7.8 11.6
54 12.3 8.1 12.1#
68 4.0 3.0 4.4





#23

Nitrobenzene-d5

Concen: 9.426 ng

RT: 9.083 min Scan# 1043

Delta R.T. -0.036 min

Lab File: BG061170.D

Acq: 10 May 2024 19:43

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS002-1224-01

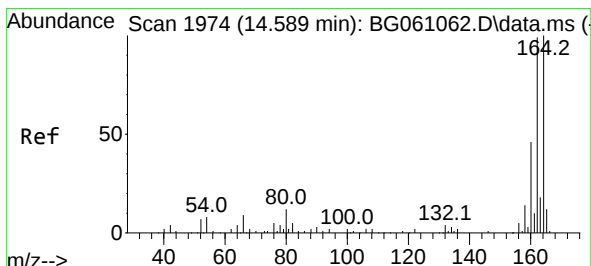
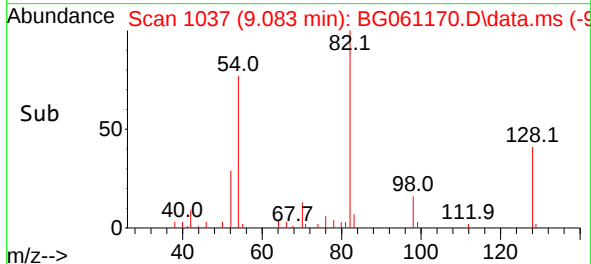
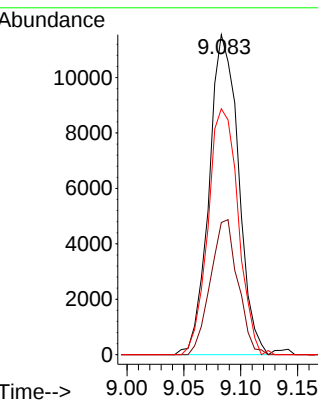
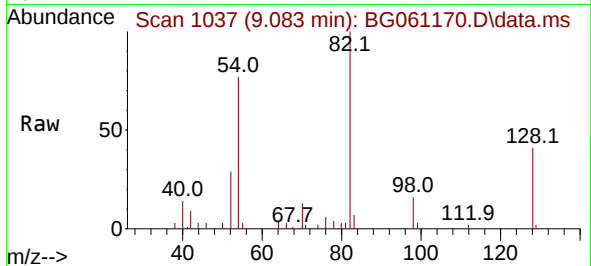
Tgt Ion: 82 Resp: 20729

Ion Ratio Lower Upper

82 100

128 41.3 32.7 49.1

54 76.8 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.559 min Scan# 1969

Delta R.T. -0.030 min

Lab File: BG061170.D

Acq: 10 May 2024 19:43

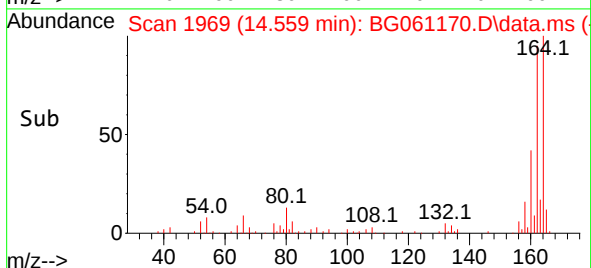
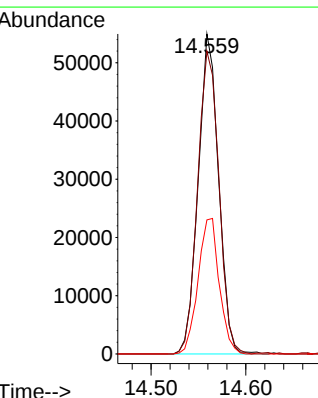
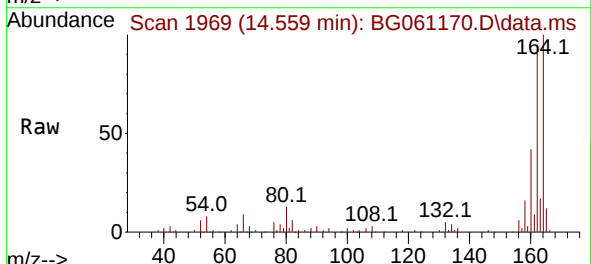
Tgt Ion:164 Resp: 82014

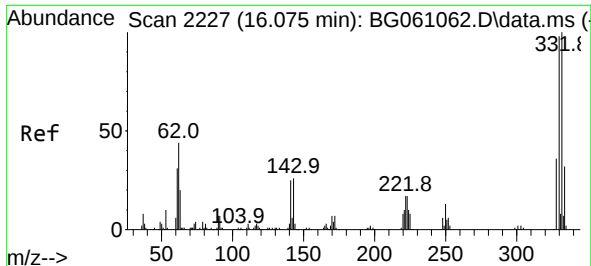
Ion Ratio Lower Upper

164 100

162 94.6 79.4 119.2

160 41.9 37.0 55.6

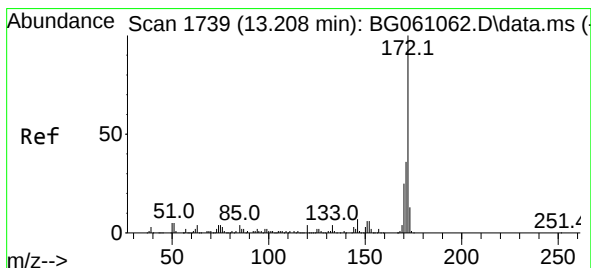
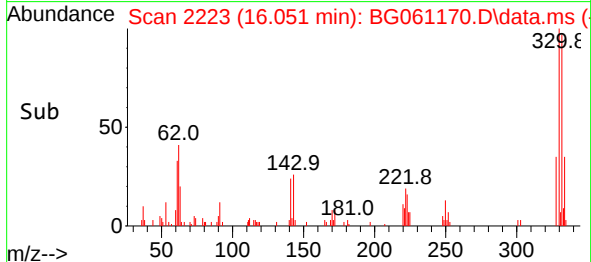
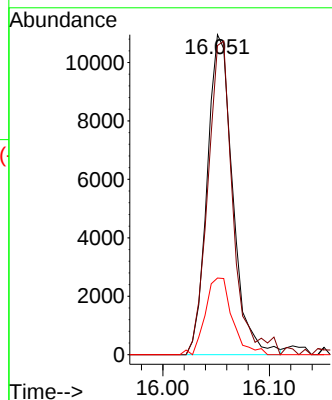
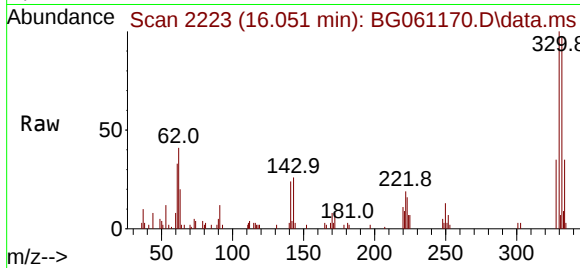




#42
2,4,6-Tribromophenol
Concen: 11.110 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

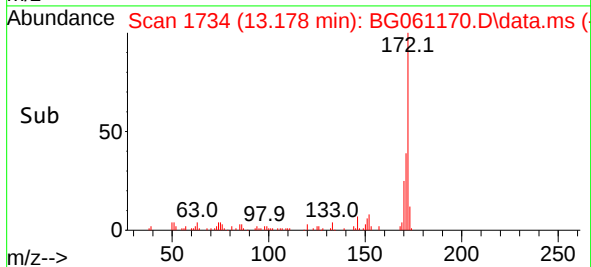
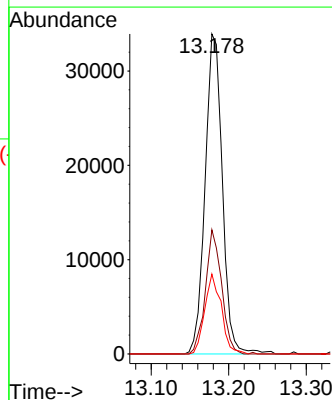
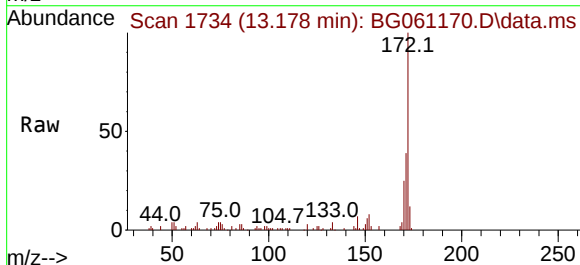
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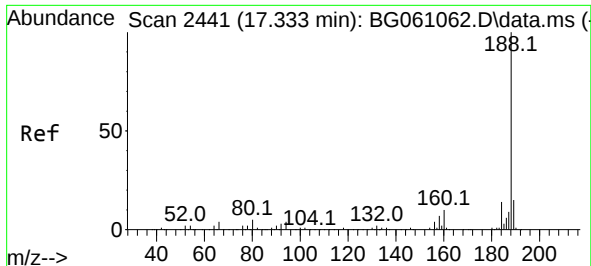
Tgt Ion:330 Resp: 18212
Ion Ratio Lower Upper
330 100
332 96.8 78.6 117.8
141 25.2 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 9.466 ng
RT: 13.178 min Scan# 1734
Delta R.T. -0.030 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

Tgt Ion:172 Resp: 52501
Ion Ratio Lower Upper
172 100
171 38.8 29.0 43.6
170 24.9 20.2 30.4

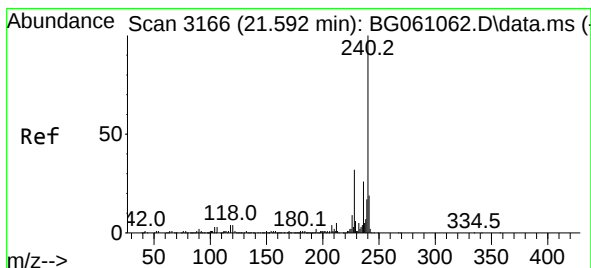
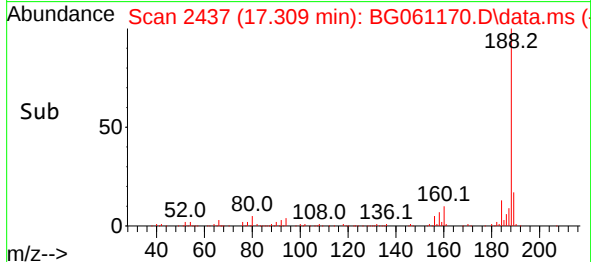
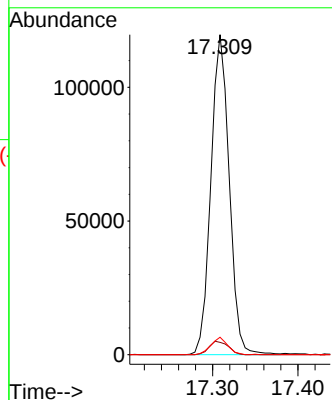
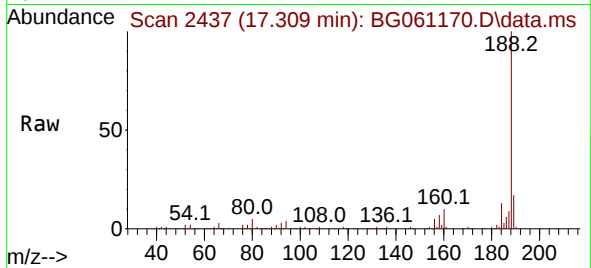




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2441
Delta R.T. -0.024 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

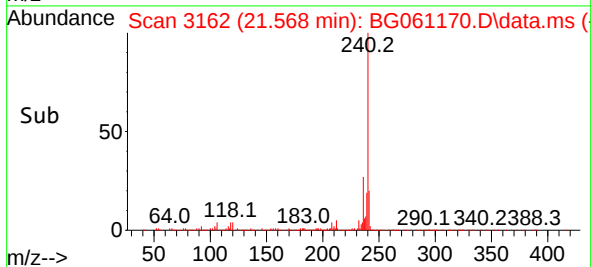
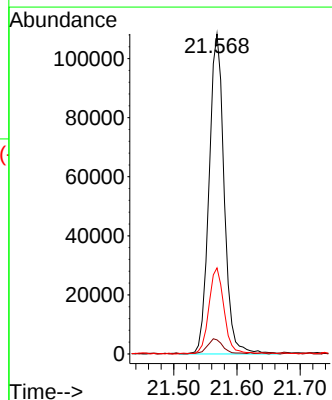
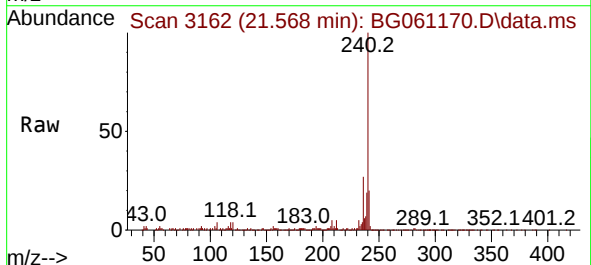
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1011UMR-SS002-1224-01

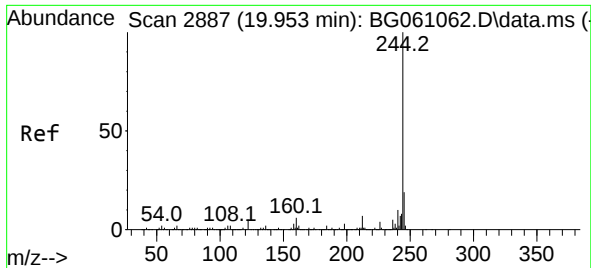
Tgt Ion:188 Resp: 178507
Ion Ratio Lower Upper
188 100
94 3.9 3.6 5.4
80 5.5 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.024 min
Lab File: BG061170.D
Acq: 10 May 2024 19:43

Tgt Ion:240 Resp: 180064
Ion Ratio Lower Upper
240 100
120 4.4 3.2 4.8
236 26.9 21.0 31.6

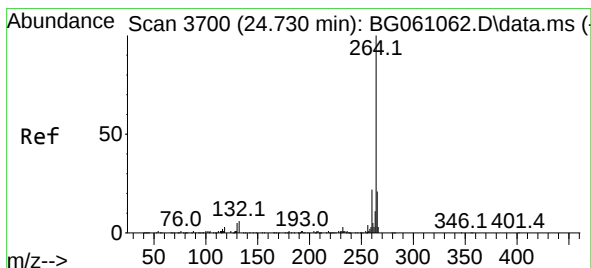
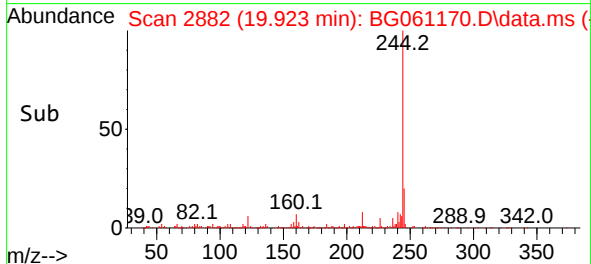
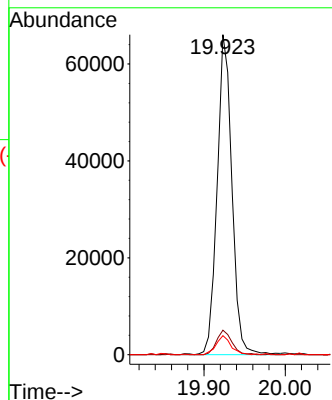
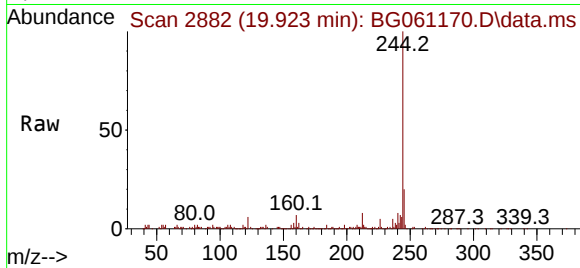




#79
 Terphenyl-d14
 Concen: 7.717 ng
 RT: 19.923 min Scan# 21
 Delta R.T. -0.030 min
 Lab File: BG061170.D
 Acq: 10 May 2024 19:43

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS002-1224-01

Tgt Ion:244	Resp:	83548
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.7 8.5
122	5.9	4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.688 min Scan# 3693
 Delta R.T. -0.042 min
 Lab File: BG061170.D
 Acq: 10 May 2024 19:43

Tgt Ion:264	Resp:	207391
Ion Ratio	Lower	Upper
264	100	
260	23.3	17.7 26.5
265	19.4	16.4 24.6

