

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055372.D
 Acq On : 29 Oct 2022 19:31
 Operator : CG/JU
 Sample : N5281-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Quant Time: Oct 31 02:45:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	31495	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	135651	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	92612	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	199517	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	192114	20.000	ng	#-0.01
86) Perylene-d12	25.268	264	206651	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	214936	119.494	ng	0.00
7) Phenol-d6	7.407	99	285336	109.495	ng	0.00
23) Nitrobenzene-d5	9.434	82	171236	64.459	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	132953	132.059	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	420041	74.235	ng	-0.01
79) Terphenyl-d14	20.180	244	658220	71.186	ng	0.00

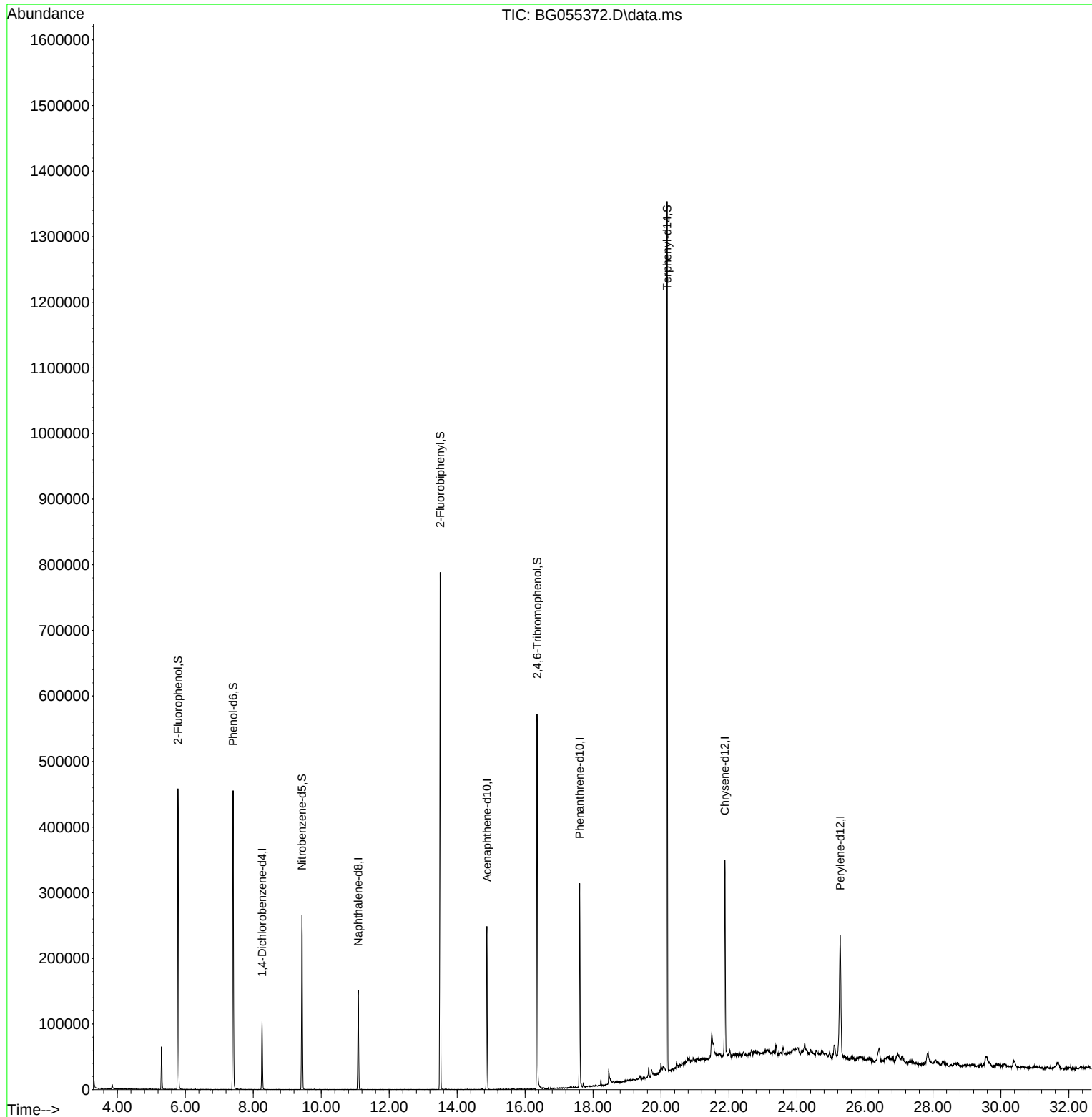
Target Compounds Qvalue

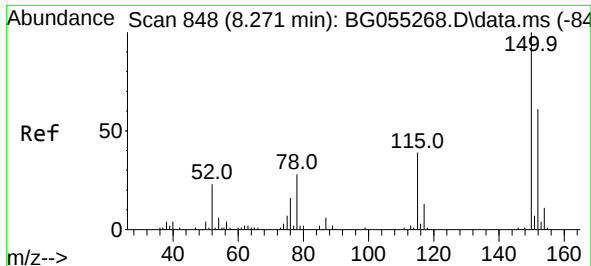
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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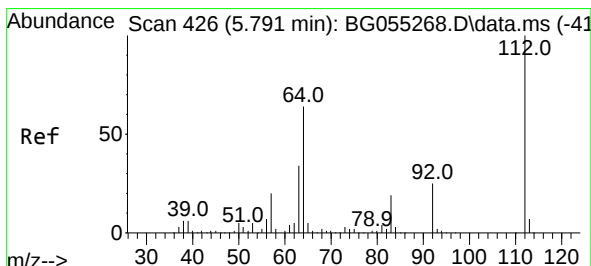
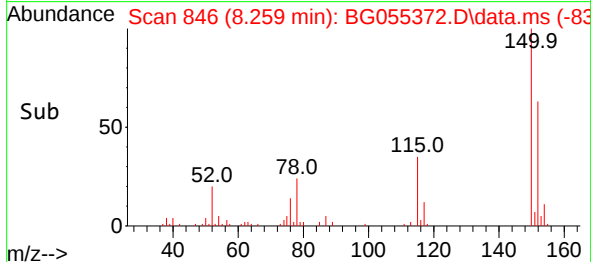
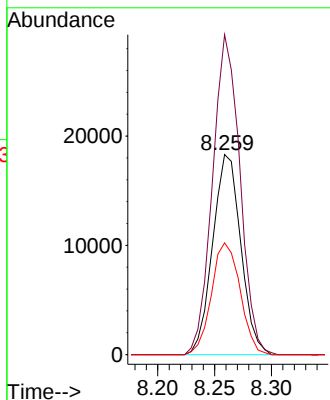
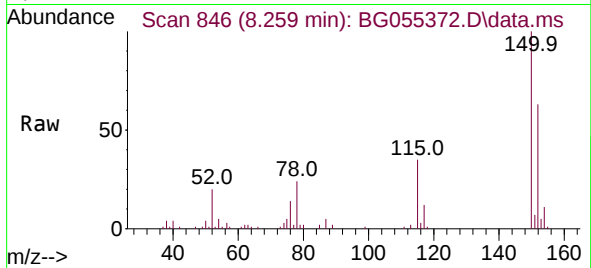




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

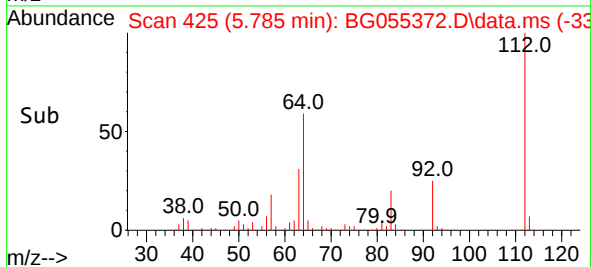
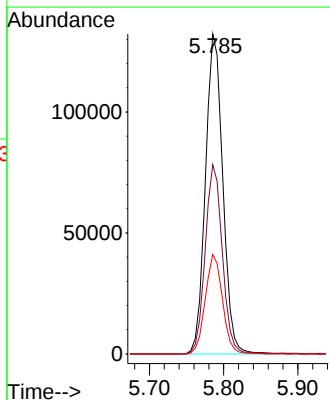
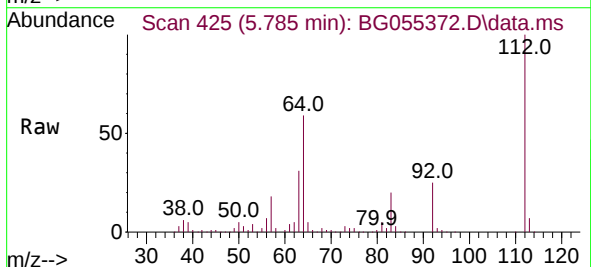
Instrument :
BNA_G
ClientSampleId :
SB-7

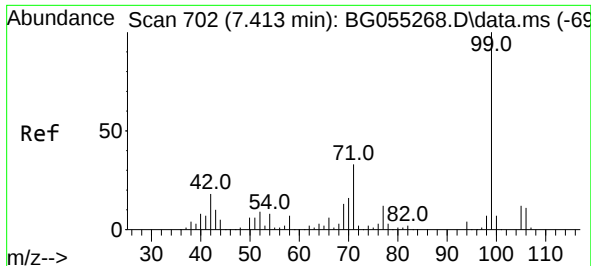
Tgt Ion:152 Resp: 31495
Ion Ratio Lower Upper
152 100
150 159.9 118.2 177.4
115 55.9 44.5 66.7



#5
2-Fluorophenol
Concen: 119.494 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:112 Resp: 214936
Ion Ratio Lower Upper
112 100
64 59.1 52.6 78.8
63 31.1 27.1 40.7

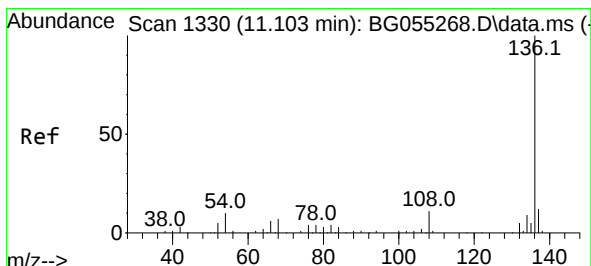
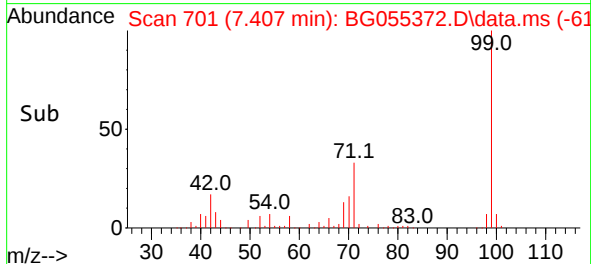
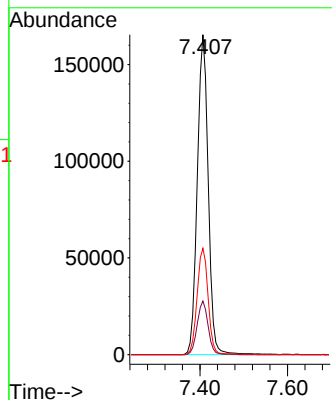
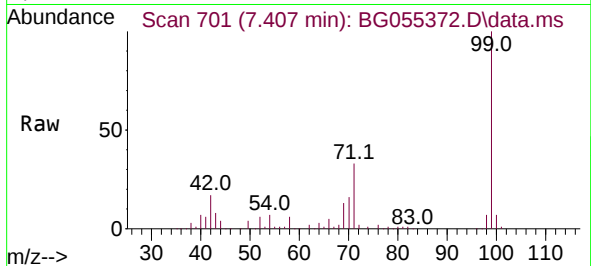




#7
Phenol-d6
Concen: 109.495 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

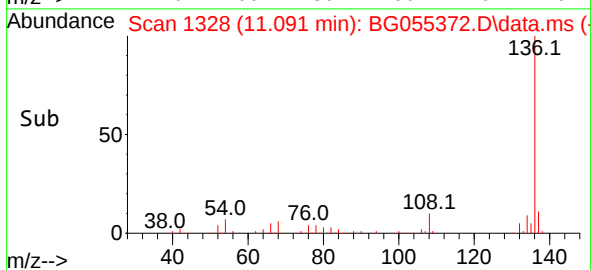
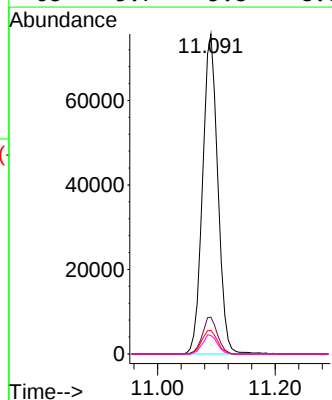
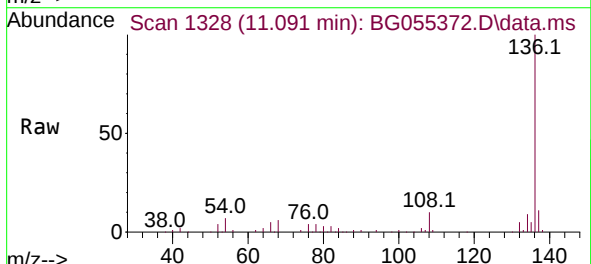
Instrument :
BNA_G
ClientSampleId :
SB-7

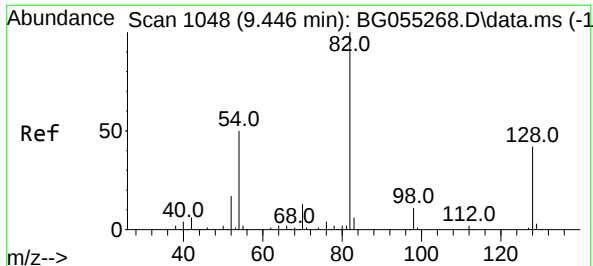
Tgt Ion: 99 Resp: 285336
Ion Ratio Lower Upper
99 100
42 16.7 15.2 22.8
71 33.2 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:136 Resp: 135651
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.3 7.8 11.8#
68 5.7 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 64.459 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

Instrument :

BNA_G

ClientSampleId :

SB-7

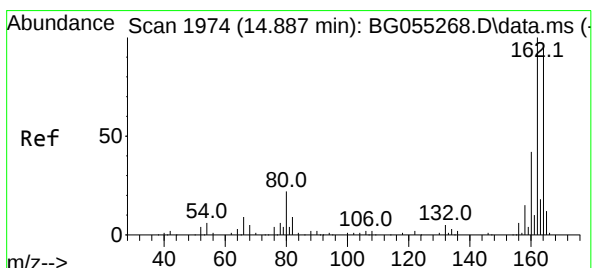
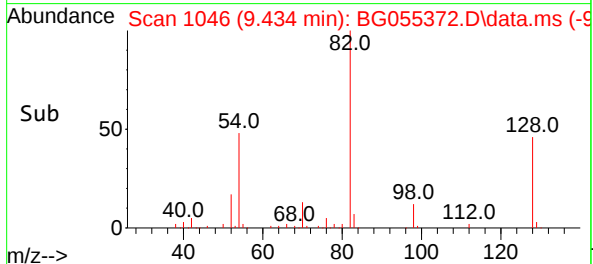
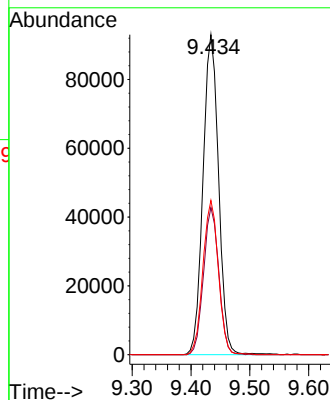
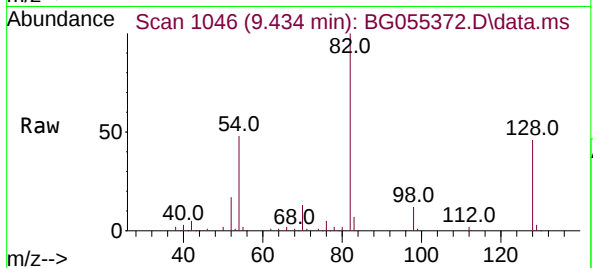
Tgt Ion: 82 Resp: 171236

Ion Ratio Lower Upper

82 100

128 46.0 32.0 48.0

54 48.2 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

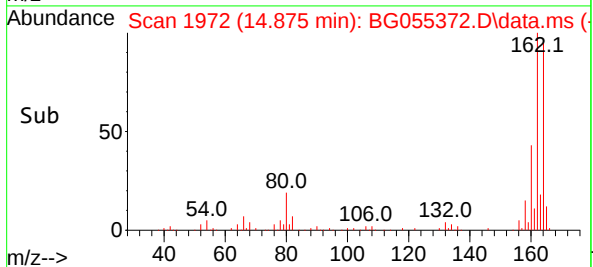
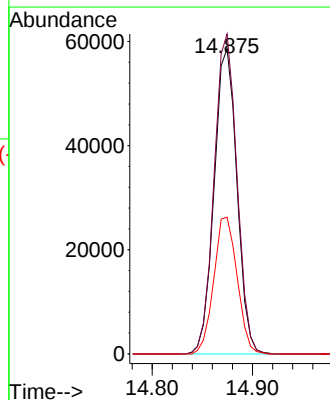
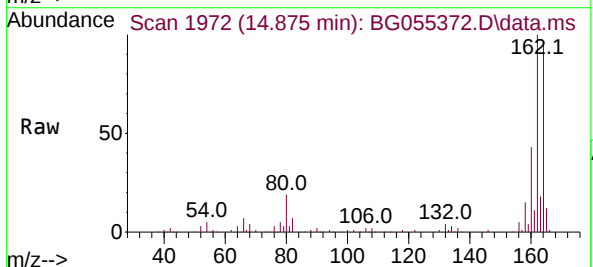
Tgt Ion:164 Resp: 92612

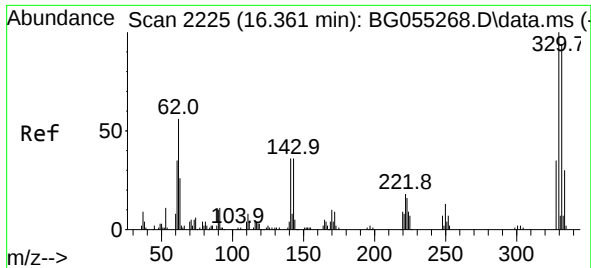
Ion Ratio Lower Upper

164 100

162 104.9 84.0 126.0

160 44.8 36.7 55.1

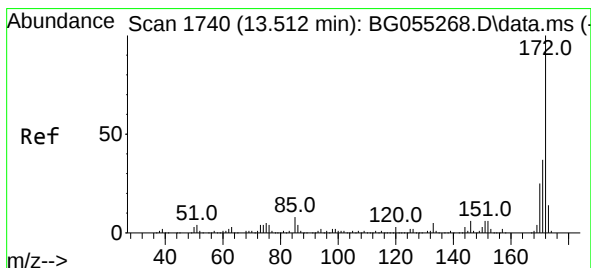
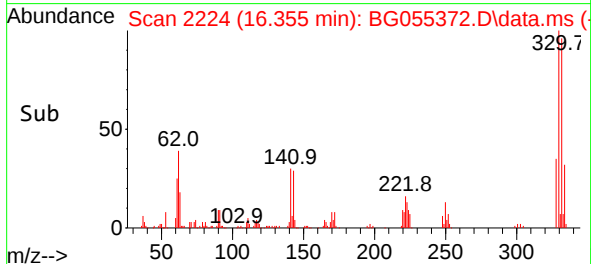
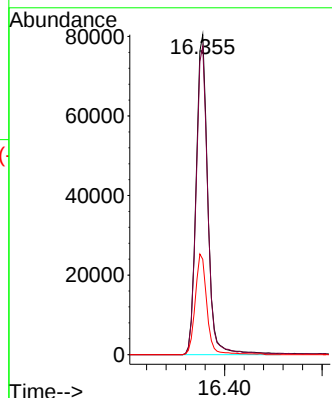
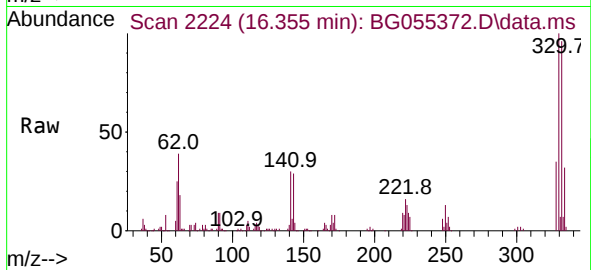




#42
2,4,6-Tribromophenol
Concen: 132.059 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

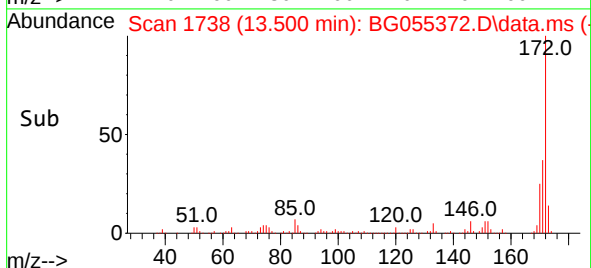
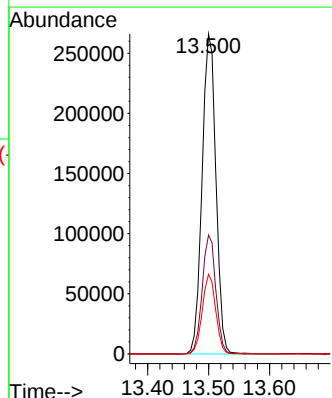
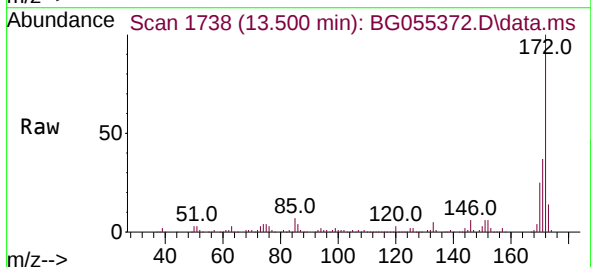
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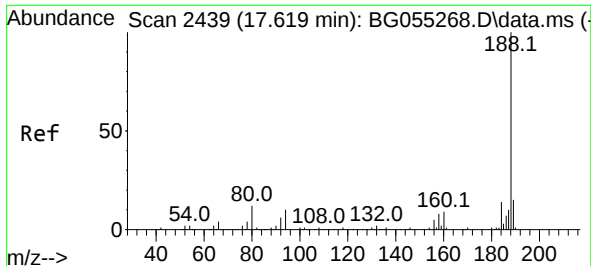
Tgt Ion:330 Resp: 132953
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 31.5 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 74.235 ng
RT: 13.500 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:172 Resp: 420041
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.9 20.2 30.2

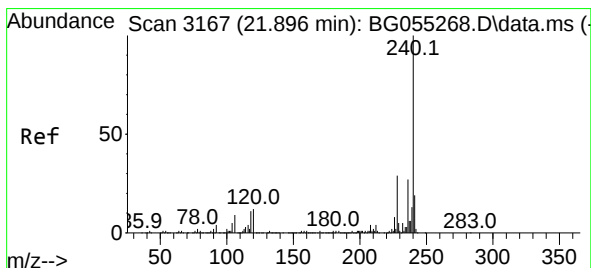
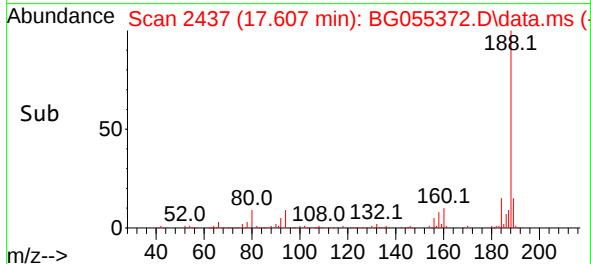
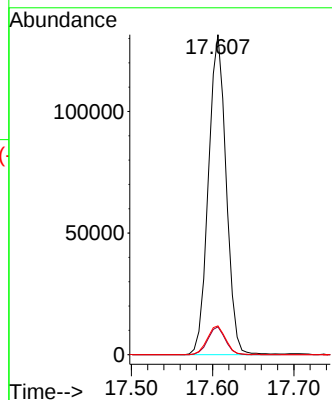
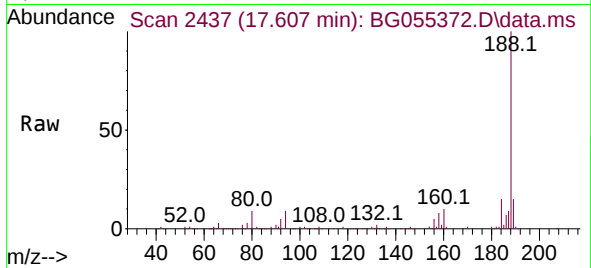




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

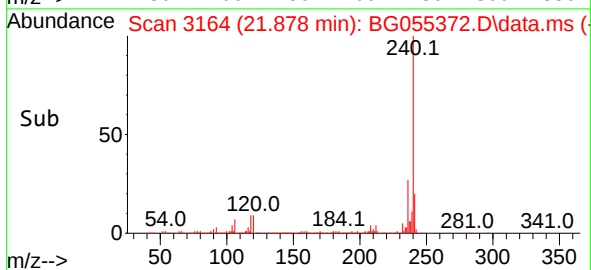
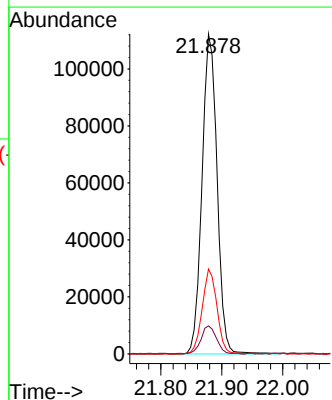
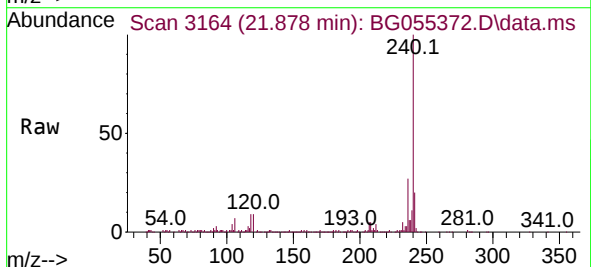
Instrument :
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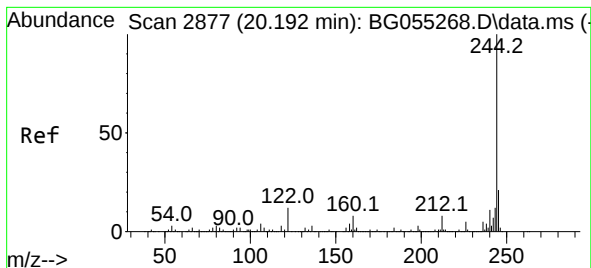
Tgt Ion:188 Resp: 199517
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 9.0 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:240 Resp: 192114
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 26.5 21.0 31.4





#79

Terphenyl-d14

Concen: 71.186 ng

RT: 20.180 min Scan# 2875

Delta R.T. -0.006 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

Instrument :

BNA_G

ClientSampleId :

SB-7

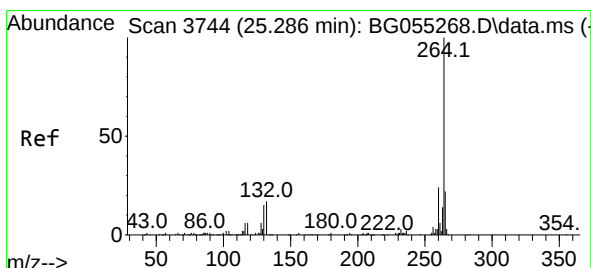
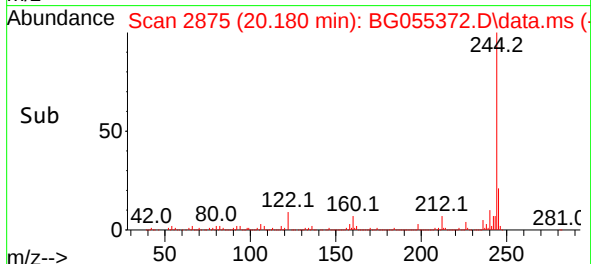
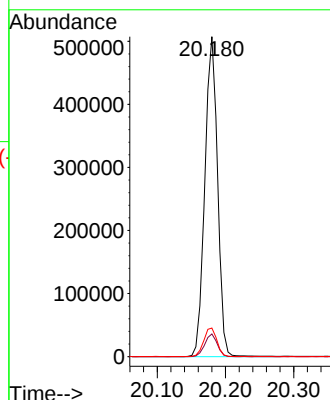
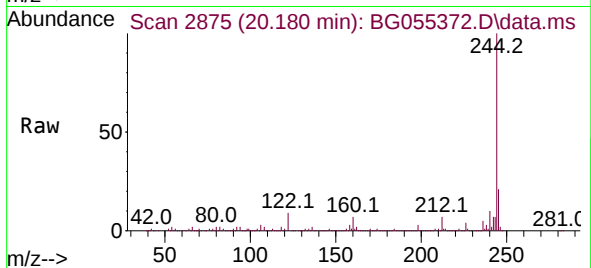
Tgt Ion:244 Resp: 658220

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.9 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.268 min Scan# 3741

Delta R.T. -0.018 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

Tgt Ion:264 Resp: 206651

Ion Ratio Lower Upper

264 100

260 25.6 19.5 29.3

265 22.8 17.4 26.2

