

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055369.D
 Acq On : 29 Oct 2022 17:27
 Operator : CG/JU
 Sample : N5318-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221106-COMP-05

Quant Time: Oct 31 02:44:23 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	8.261	152	28132	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	115486	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	78587	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	186634	20.000	ng	# 0.00
76) Chrysene-d12	21.881	240	198348	20.000	ng	0.00
86) Perylene-d12	25.271	264	214911	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	187590	116.758	ng	0.00
7) Phenol-d6	7.404	99	239213	102.770	ng	0.00
23) Nitrobenzene-d5	9.437	82	142194	62.873	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	115645	135.367	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	333132	69.382	ng	0.00
79) Terphenyl-d14	20.177	244	630024	65.995	ng	0.00

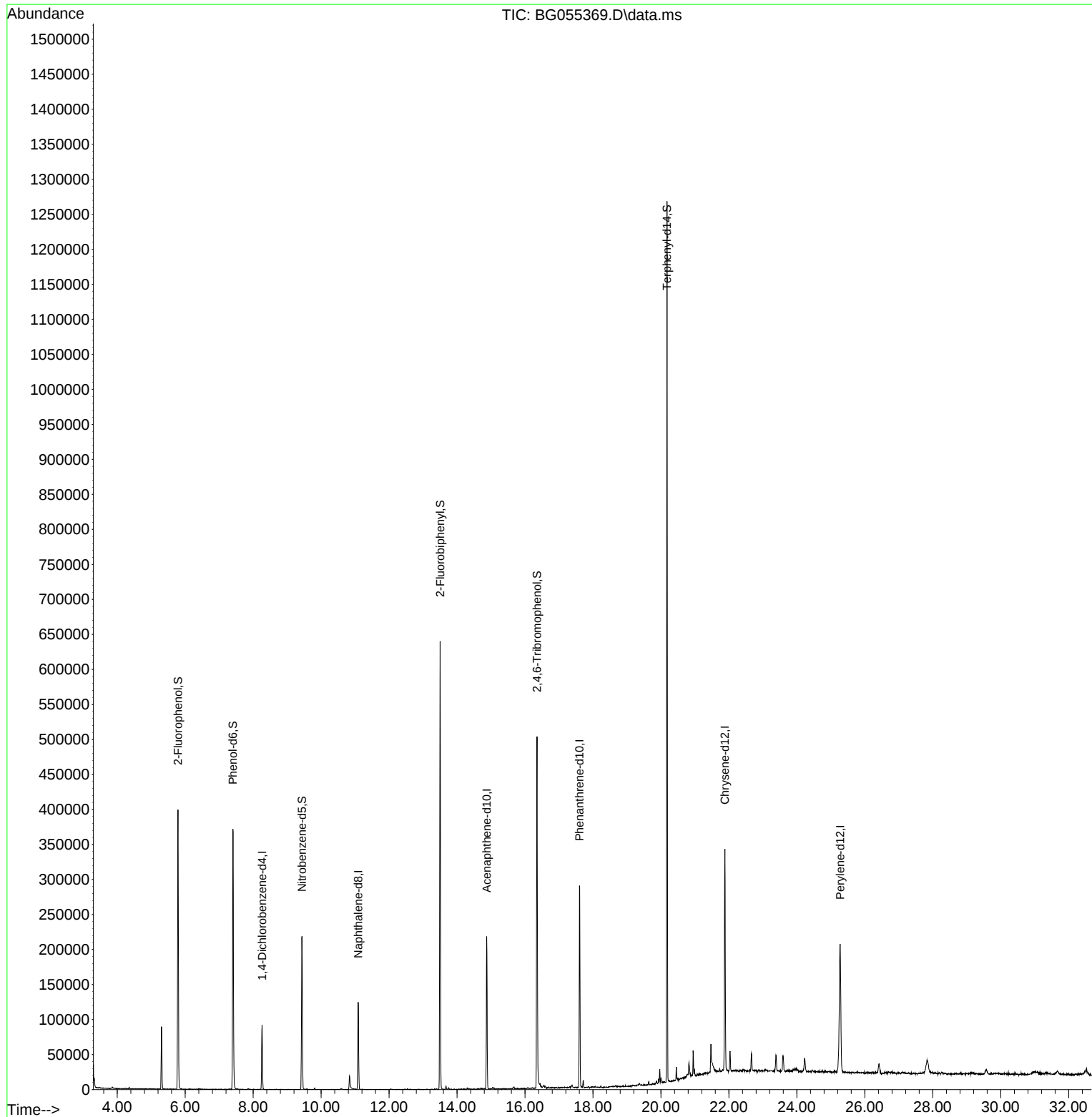
Target Compounds Qvalue

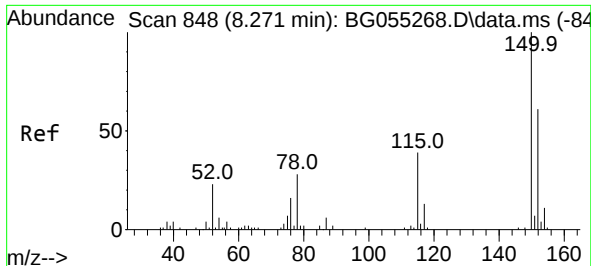
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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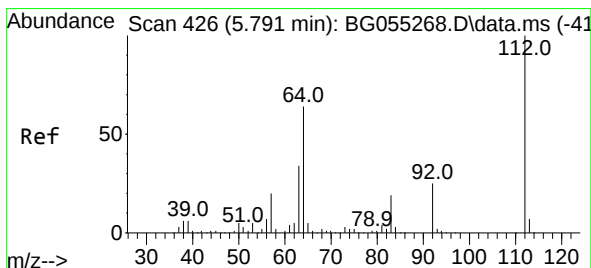
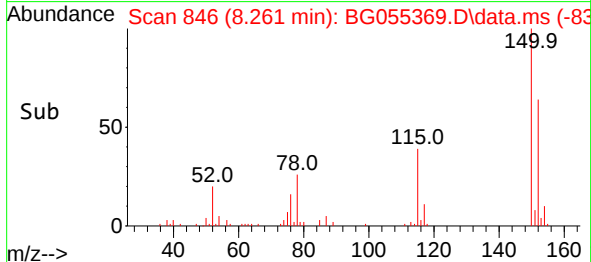
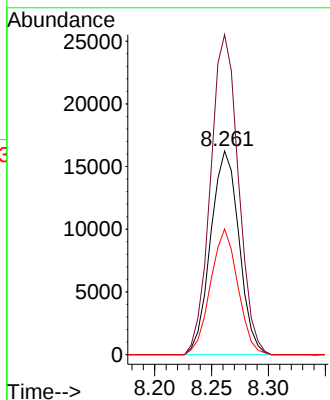
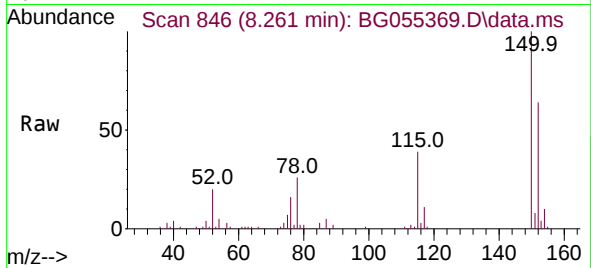




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

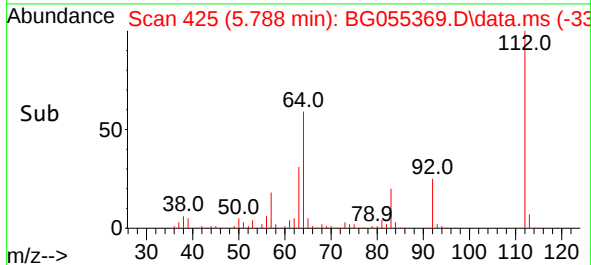
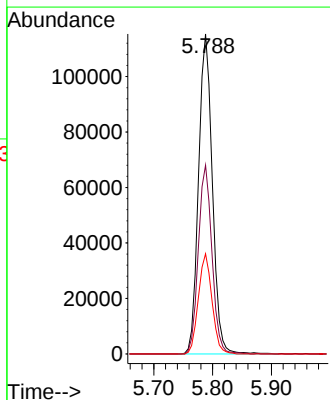
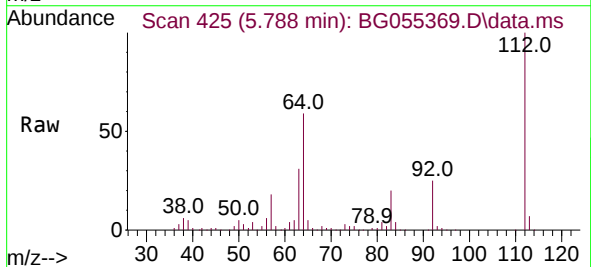
Instrument :
BNA_G
ClientSampleId :
20221106-COMP-05

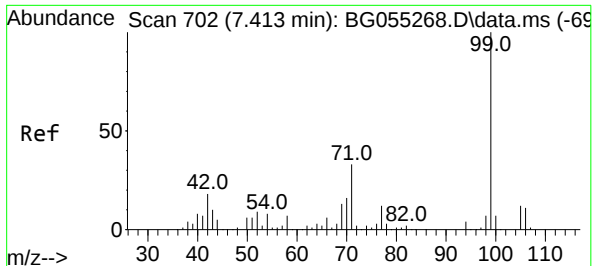
Tgt Ion:152 Resp: 28132
Ion Ratio Lower Upper
152 100
150 157.1 118.2 177.4
115 61.7 44.5 66.7



#5
2-Fluorophenol
Concen: 116.758 ng
RT: 5.788 min Scan# 425
Delta R.T. 0.002 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion:112 Resp: 187590
Ion Ratio Lower Upper
112 100
64 59.0 52.6 78.8
63 31.3 27.1 40.7

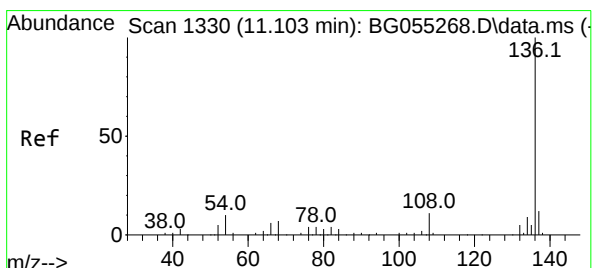
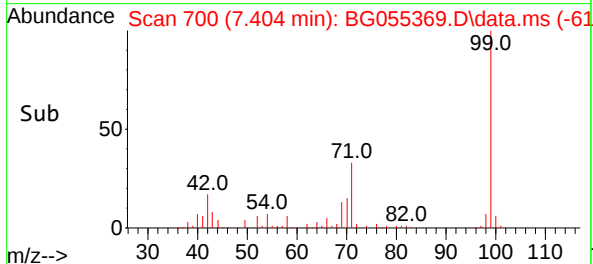
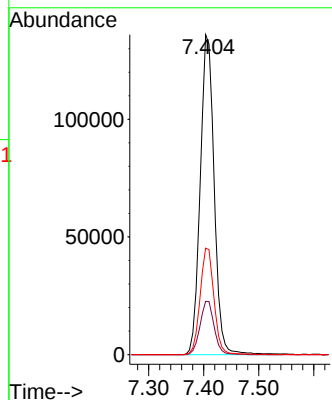
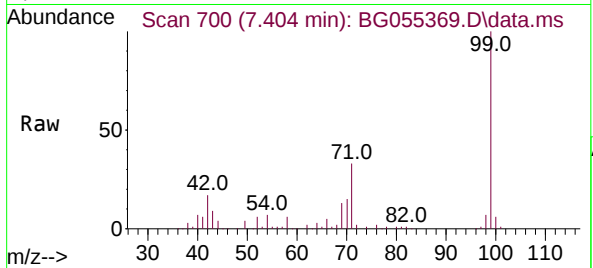




#7
Phenol-d6
Concen: 102.770 ng
RT: 7.404 min Scan# 702
Delta R.T. -0.009 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

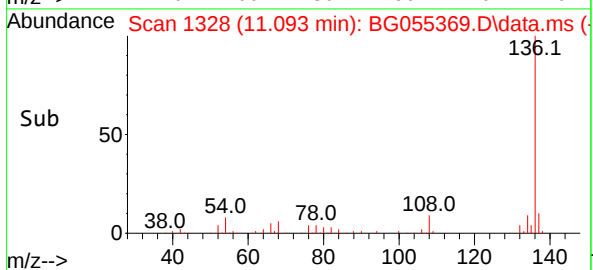
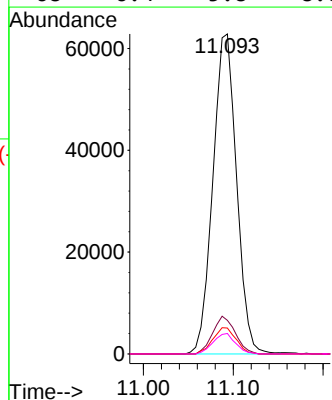
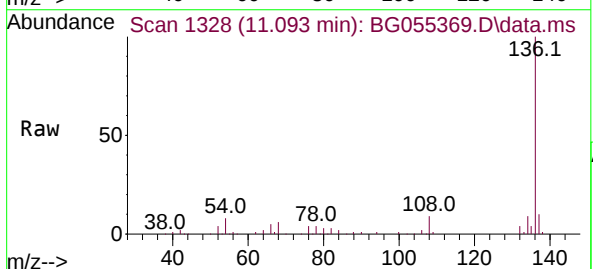
Instrument :
BNA_G
ClientSampleId :
20221106-COMP-05

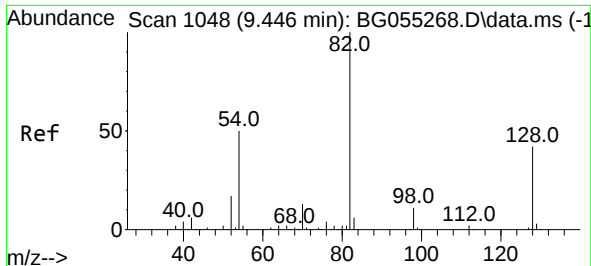
Tgt Ion: 99 Resp: 239213
Ion Ratio Lower Upper
99 100
42 16.6 15.2 22.8
71 33.3 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion: 136 Resp: 115486
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.1 7.8 11.8
68 6.4 5.8 8.6

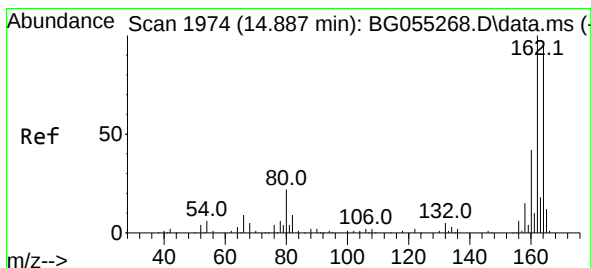
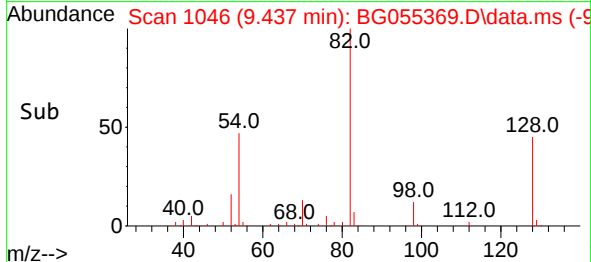
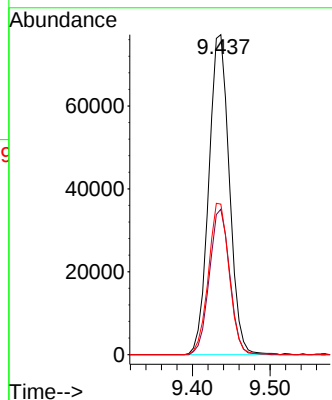
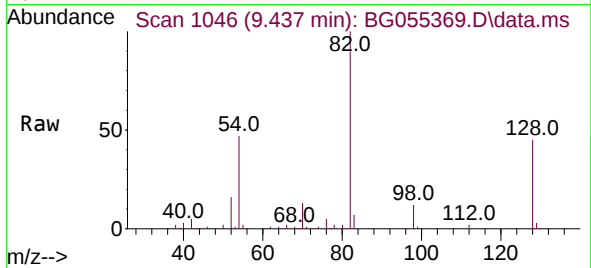




#23
Nitrobenzene-d5
Concen: 62.873 ng
RT: 9.437 min Scan# 1046
Delta R.T. -0.003 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

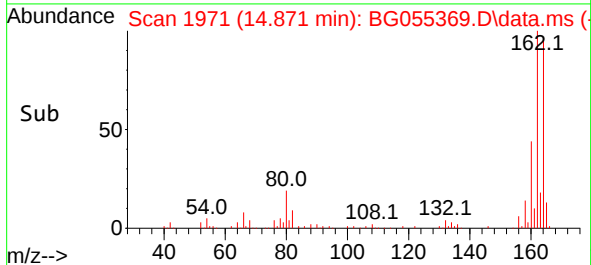
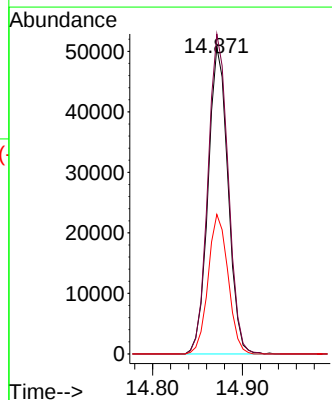
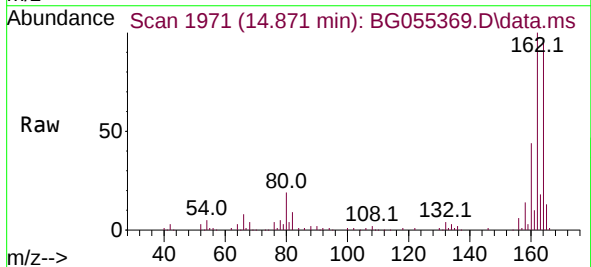
Instrument :
BNA_G
ClientSampleId :
20221106-COMP-05

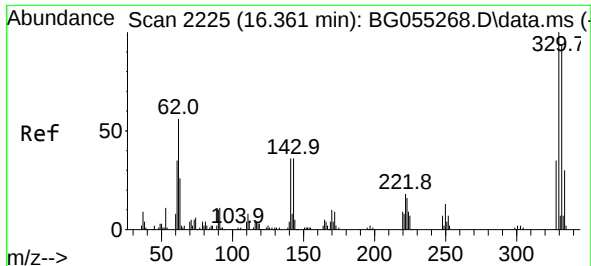
Tgt Ion: 82 Resp: 142194
Ion Ratio Lower Upper
82 100
128 45.4 32.0 48.0
54 47.0 40.9 61.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1971
Delta R.T. -0.009 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion: 164 Resp: 78587
Ion Ratio Lower Upper
164 100
162 104.3 84.0 126.0
160 45.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 135.367 ng

RT: 16.352 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG055369.D

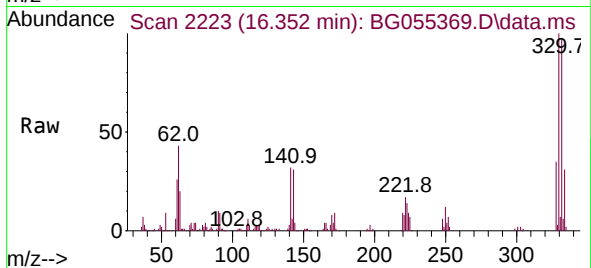
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Instrument :

BNA_G

ClientSampleId :

20221106-COMP-05



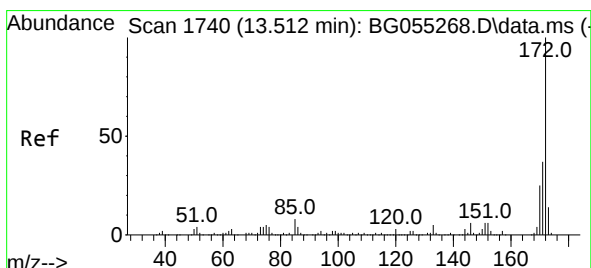
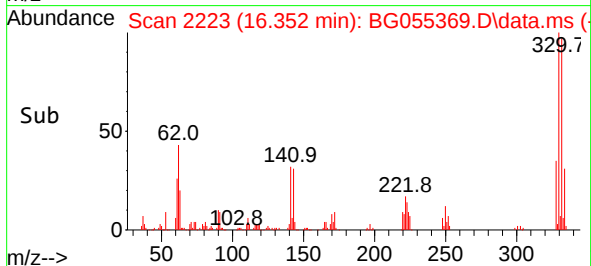
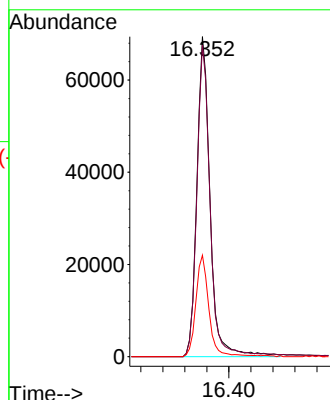
Tgt Ion:330 Resp: 115645

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

141 31.0 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 69.382 ng

RT: 13.502 min Scan# 1738

Delta R.T. -0.009 min

Lab File: BG055369.D

Acq: 29 Oct 2022 17:27

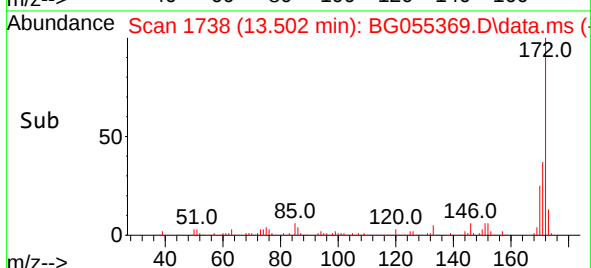
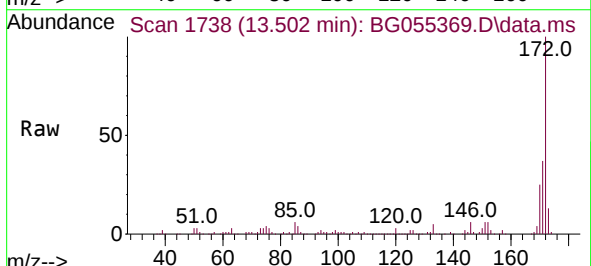
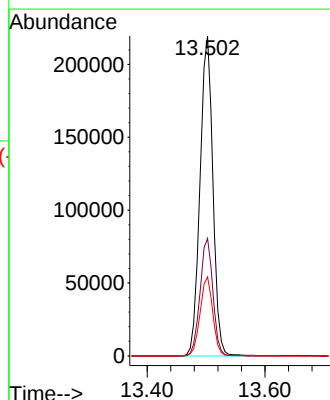
Tgt Ion:172 Resp: 333132

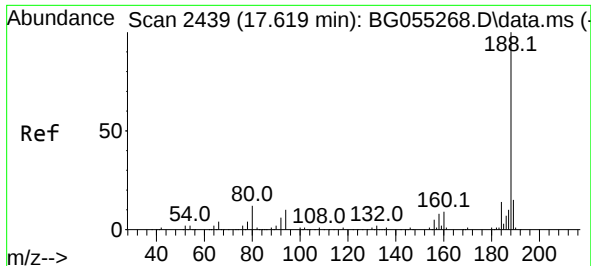
Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 24.7 20.2 30.2

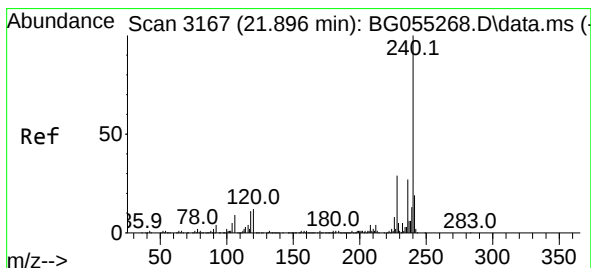
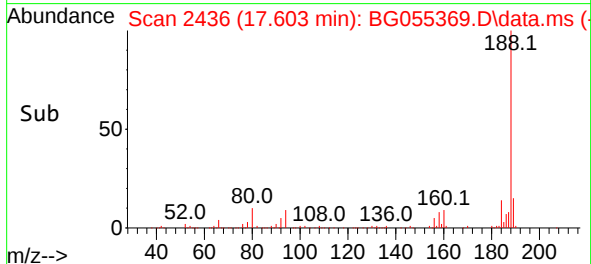
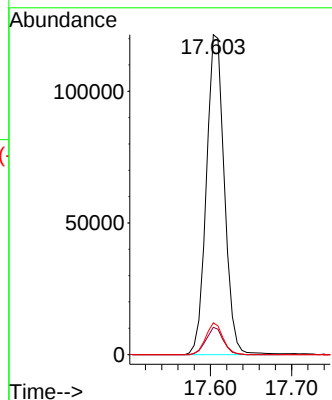
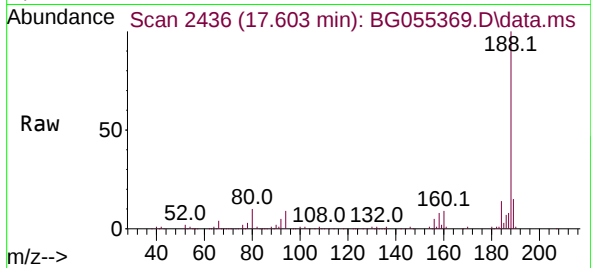




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.603 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

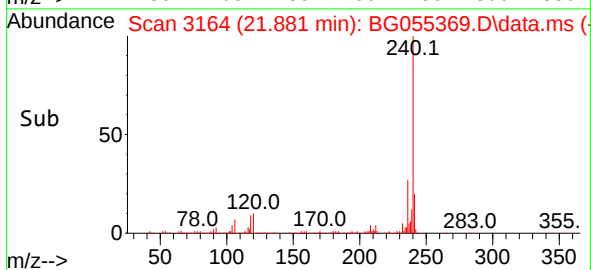
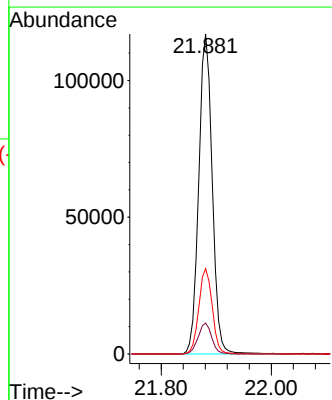
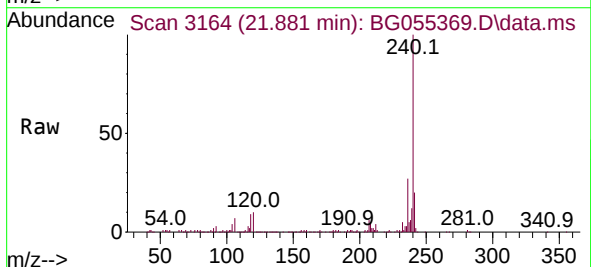
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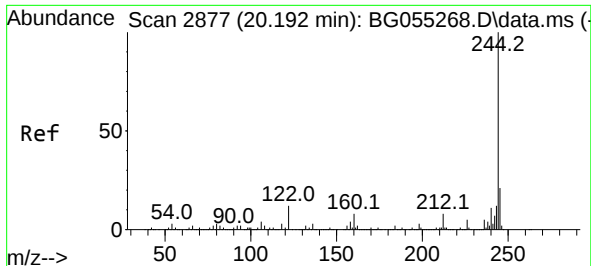
Tgt Ion:188 Resp: 186634
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.4
80 9.9 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion:240 Resp: 198348
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 26.6 21.0 31.4

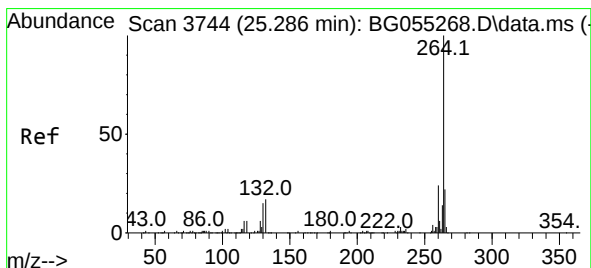
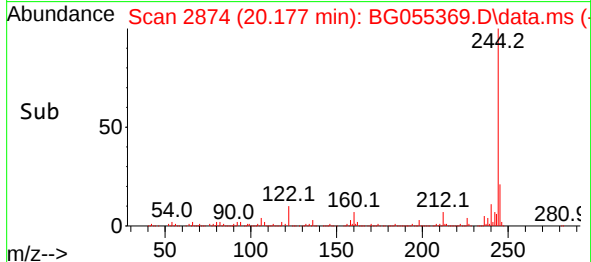
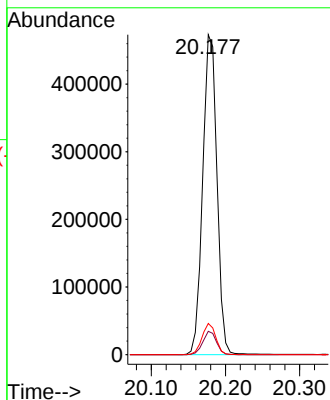
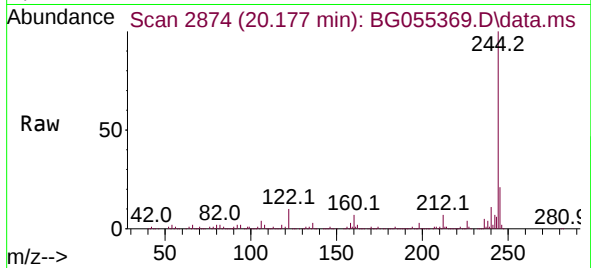




#79
 Terphenyl-d14
 Concen: 65.995 ng
 RT: 20.177 min Scan# 2877
 Delta R.T. -0.009 min
 Lab File: BG055369.D
 Acq: 29 Oct 2022 17:27

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 630024
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.271 min Scan# 3741
 Delta R.T. -0.015 min
 Lab File: BG055369.D
 Acq: 29 Oct 2022 17:27

Tgt Ion:264 Resp: 214911
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.5 17.4 26.2

