

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056374.D
 Acq On : 20 Jan 2023 19:28
 Operator : CG/JU
 Sample : 01237-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-2-3A

Quant Time: Jan 23 00:01:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	46699	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	174680	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	129969	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	296527	20.000	ng	0.00
76) Chrysene-d12	21.945	240	275480	20.000	ng	0.00
86) Perylene-d12	25.388	264	307031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	300820	115.016	ng	0.00
7) Phenol-d6	7.444	99	415204	103.372	ng	0.00
23) Nitrobenzene-d5	9.477	82	222124	65.045	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	177062	107.569	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	710861	75.528	ng	0.00
79) Terphenyl-d14	20.229	244	1157589	75.261	ng	0.00

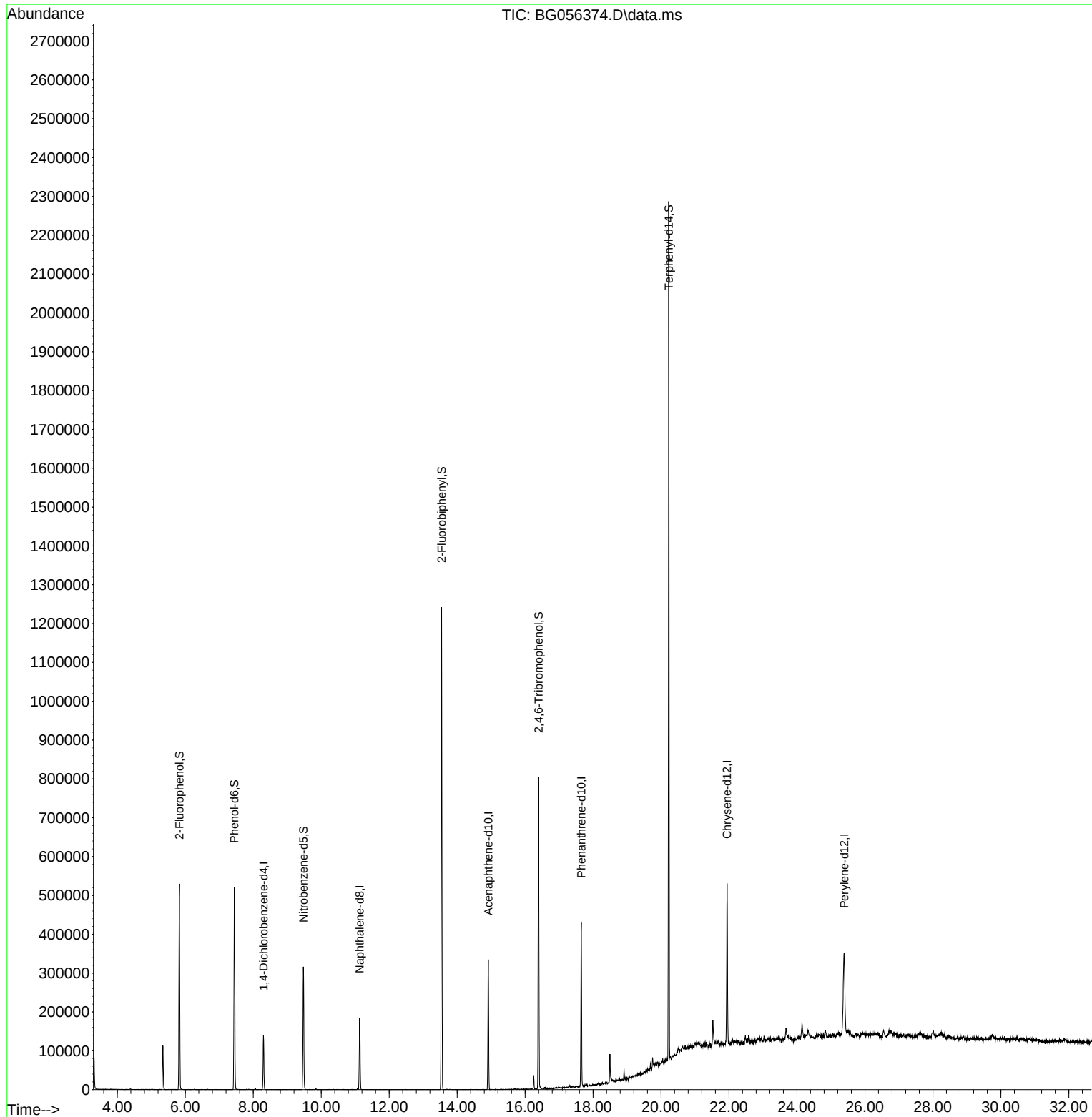
Target Compounds	Qvalue

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

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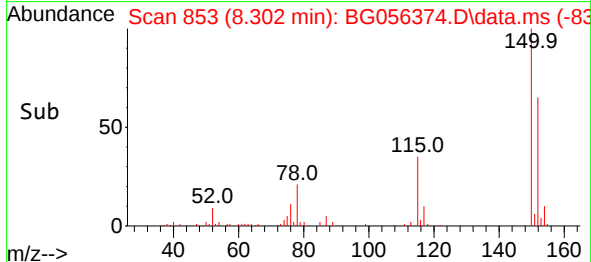
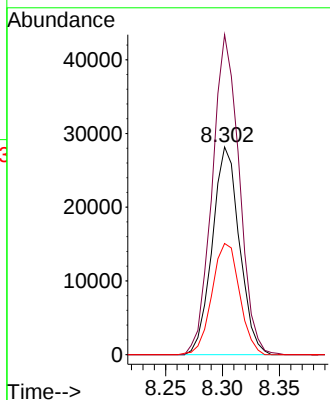
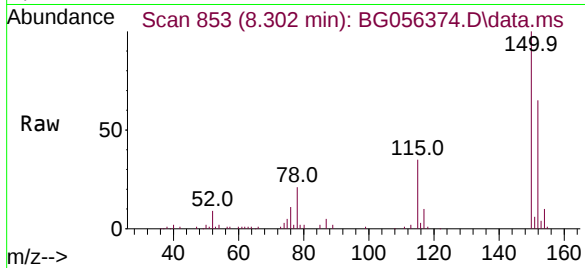




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.302 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

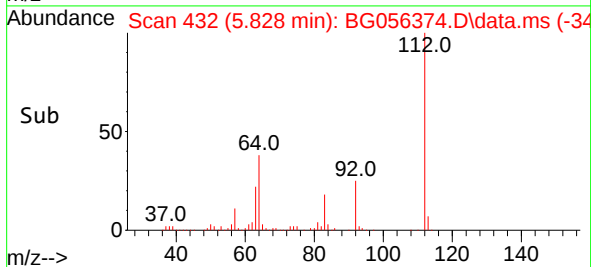
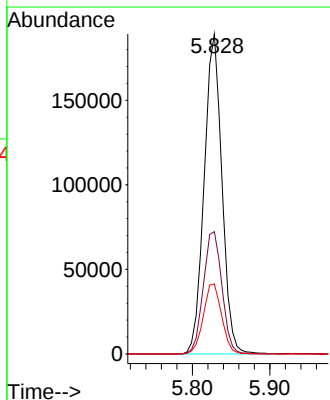
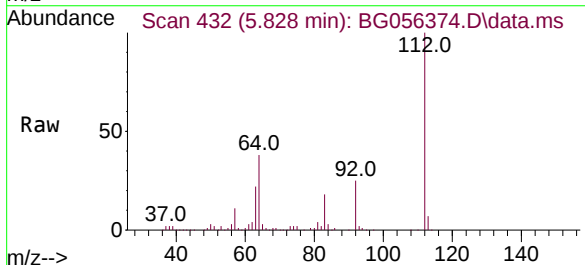
Instrument :
BNA_G
ClientSampleId :
COMP-1-2-3A

Tgt Ion:152 Resp: 46699
Ion Ratio Lower Upper
152 100
150 154.1 127.9 191.9
115 53.5 44.2 66.2



#5
2-Fluorophenol
Concen: 115.016 ng
RT: 5.828 min Scan# 432
Delta R.T. 0.002 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

Tgt Ion:112 Resp: 300820
Ion Ratio Lower Upper
112 100
64 38.2 33.3 49.9
63 21.9 19.0 28.4

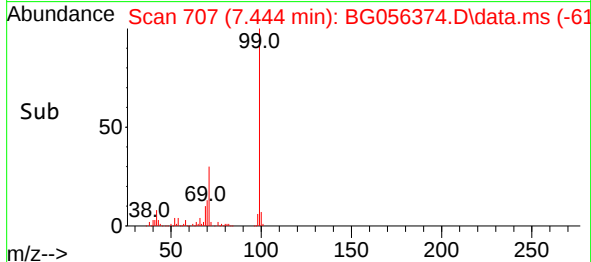
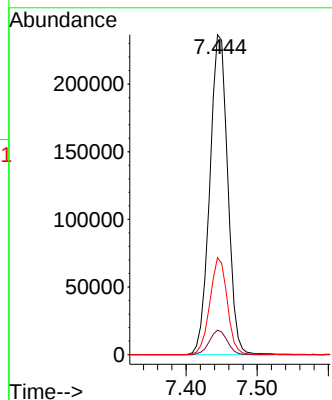
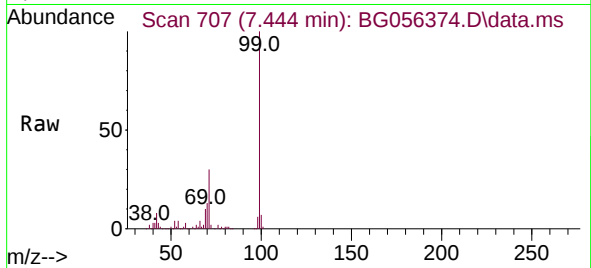




#7
Phenol-d6
Concen: 103.372 ng
RT: 7.444 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

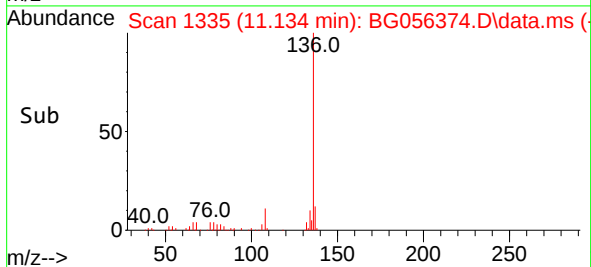
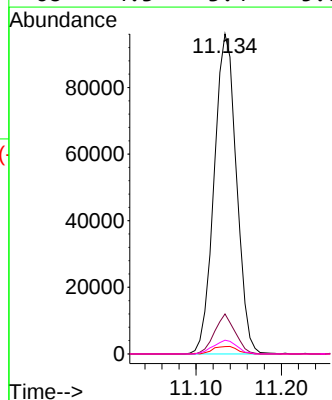
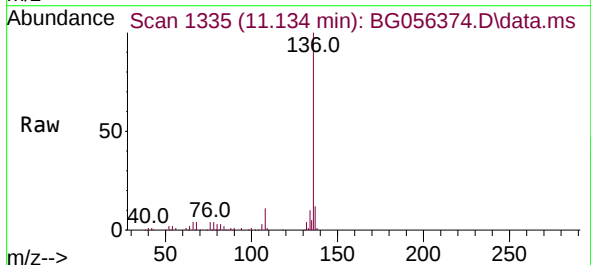
Instrument :
BNA_G
ClientSampleId :
COMP-1-2-3A

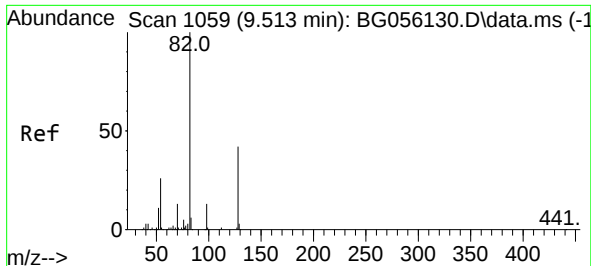
Tgt Ion: 99 Resp: 415204
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.3 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1335
Delta R.T. -0.004 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

Tgt Ion: 136 Resp: 174680
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.0
54 2.3 2.2 3.2
68 4.3 3.4 5.0





#23

Nitrobenzene-d5

Concen: 65.045 ng

RT: 9.477 min Scan# 1053

Delta R.T. -0.010 min

Lab File: BG056374.D

Acq: 20 Jan 2023 19:28

Instrument :

BNA_G

ClientSampleId :

COMP-1-2-3A

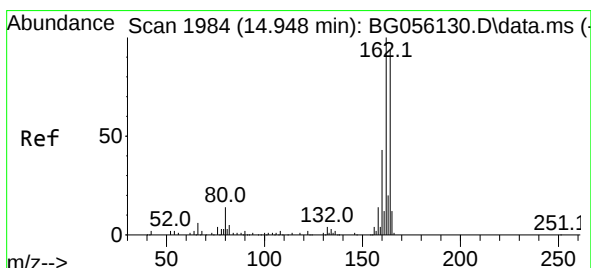
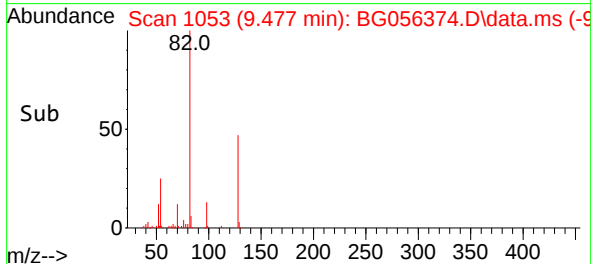
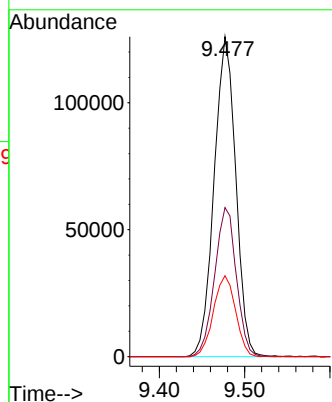
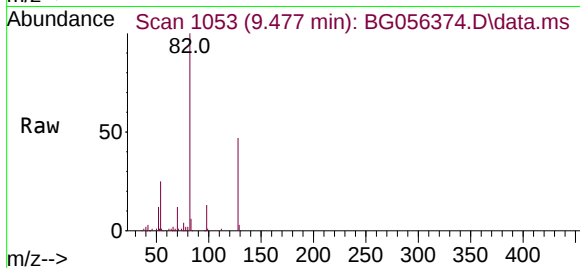
Tgt Ion: 82 Resp: 222124

Ion Ratio Lower Upper

82 100

128 46.6 33.4 50.2

54 25.3 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.918 min Scan# 1979

Delta R.T. -0.004 min

Lab File: BG056374.D

Acq: 20 Jan 2023 19:28

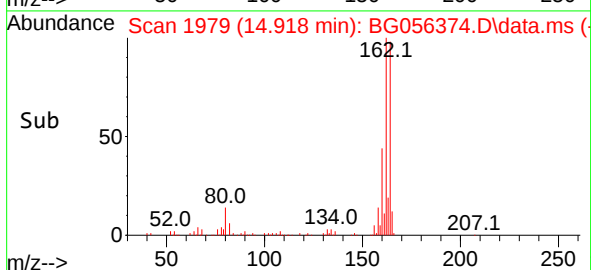
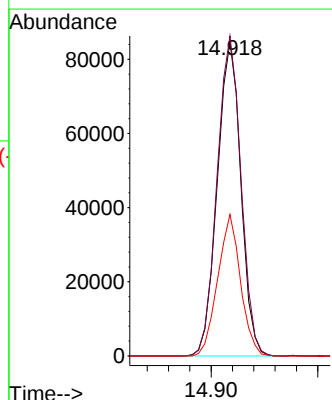
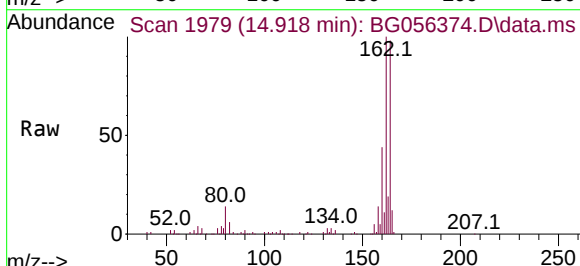
Tgt Ion:164 Resp: 129969

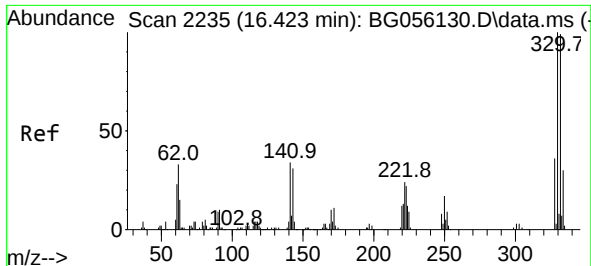
Ion Ratio Lower Upper

164 100

162 101.8 84.7 127.1

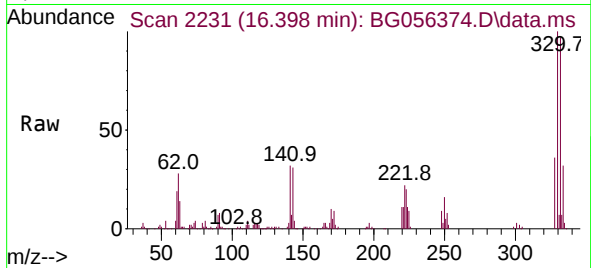
160 45.0 36.3 54.5



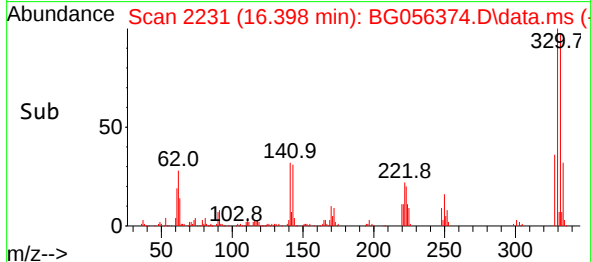
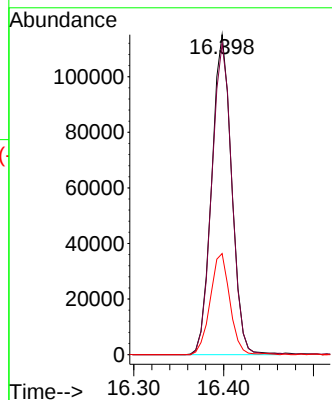


#42
2,4,6-Tribromophenol
Concen: 107.569 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

Instrument :
BNA_G
ClientSampleId :
COMP-1-2-3A

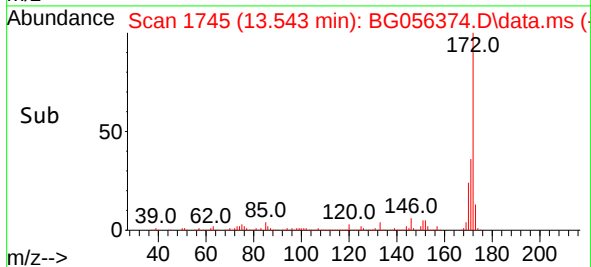
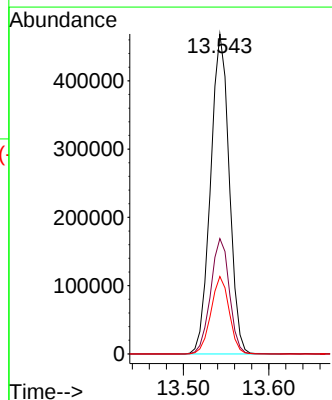
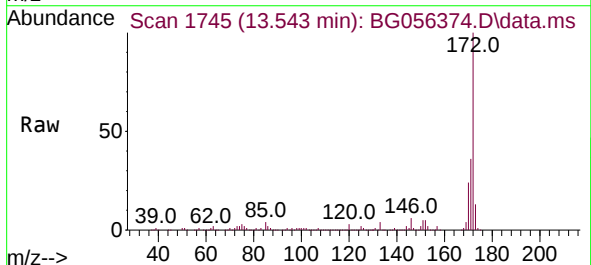


Tgt Ion:330 Resp: 177062
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 31.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 75.528 ng
RT: 13.543 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

Tgt Ion:172 Resp: 710861
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.2 19.4 29.2

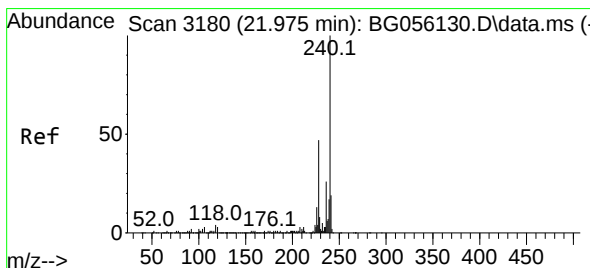
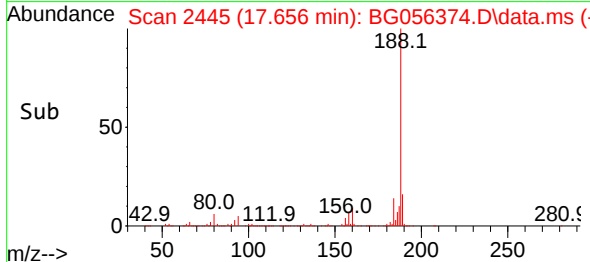
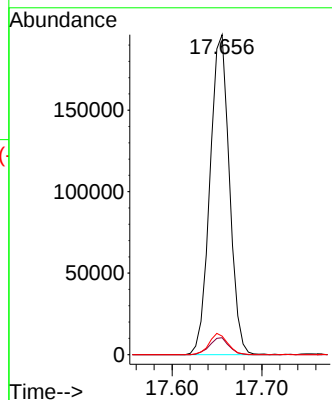
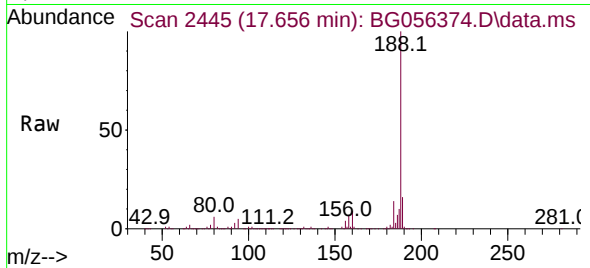




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

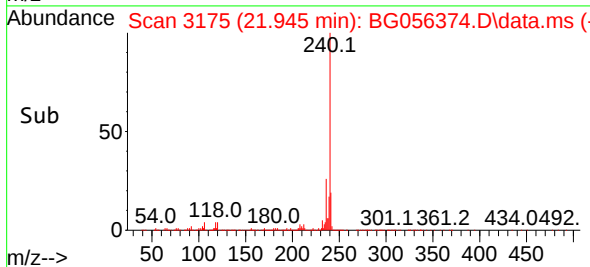
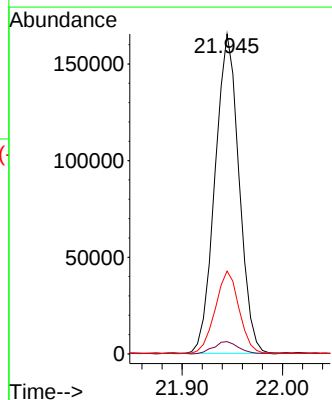
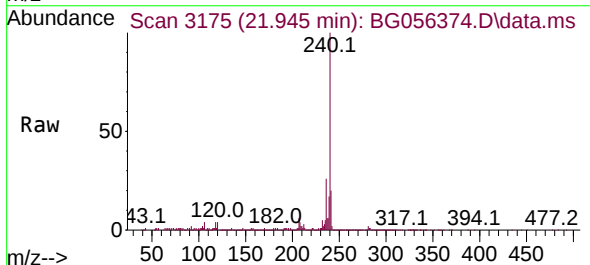
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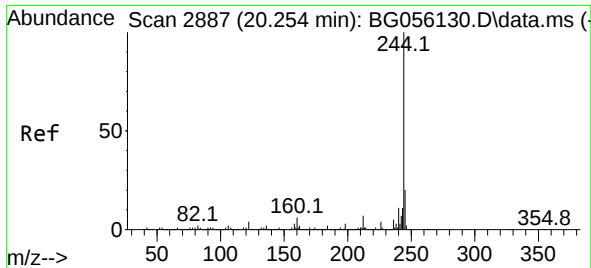
Tgt Ion:188 Resp: 296527
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.8 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG056374.D
Acq: 20 Jan 2023 19:28

Tgt Ion:240 Resp: 275480
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 25.9 20.8 31.2

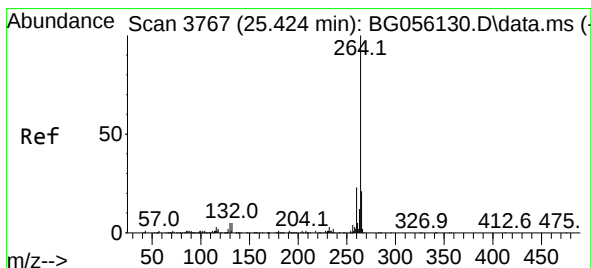
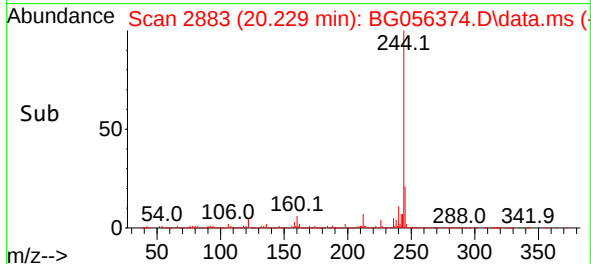
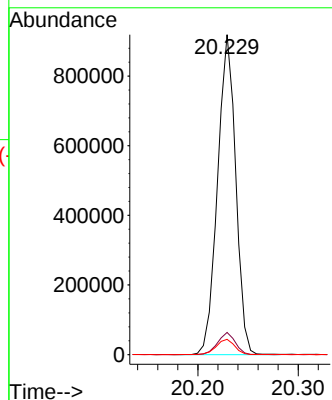
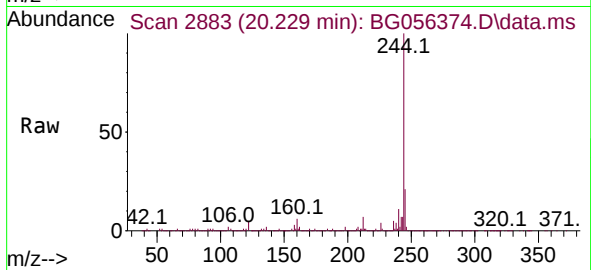




#79
 Terphenyl-d14
 Concen: 75.261 ng
 RT: 20.229 min Scan# 2883
 Delta R.T. -0.004 min
 Lab File: BG056374.D
 Acq: 20 Jan 2023 19:28

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-2-3A

Tgt Ion:244 Resp: 1157589
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.388 min Scan# 3761
 Delta R.T. -0.004 min
 Lab File: BG056374.D
 Acq: 20 Jan 2023 19:28

Tgt Ion:264 Resp: 307031
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.0 16.7 25.1

