

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056974.D
 Acq On : 4 Apr 2023 20:59
 Operator : CG/JU
 Sample : 02161-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: Apr 05 04:11:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	12777	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	49111	20.000	ng	0.00
39) Acenaphthene-d10	15.023	164	36424	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	102799	20.000	ng	-0.01
76) Chrysene-d12	22.084	240	112767	20.000	ng	-0.01
86) Perylene-d12	25.626	264	112024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	101781	127.491	ng	0.00
7) Phenol-d6	7.539	99	129364	108.344	ng	0.00
23) Nitrobenzene-d5	9.589	82	103315	86.079	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	90849	156.129	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	235818	87.791	ng	0.00
79) Terphenyl-d14	20.333	244	650504	97.613	ng	0.00

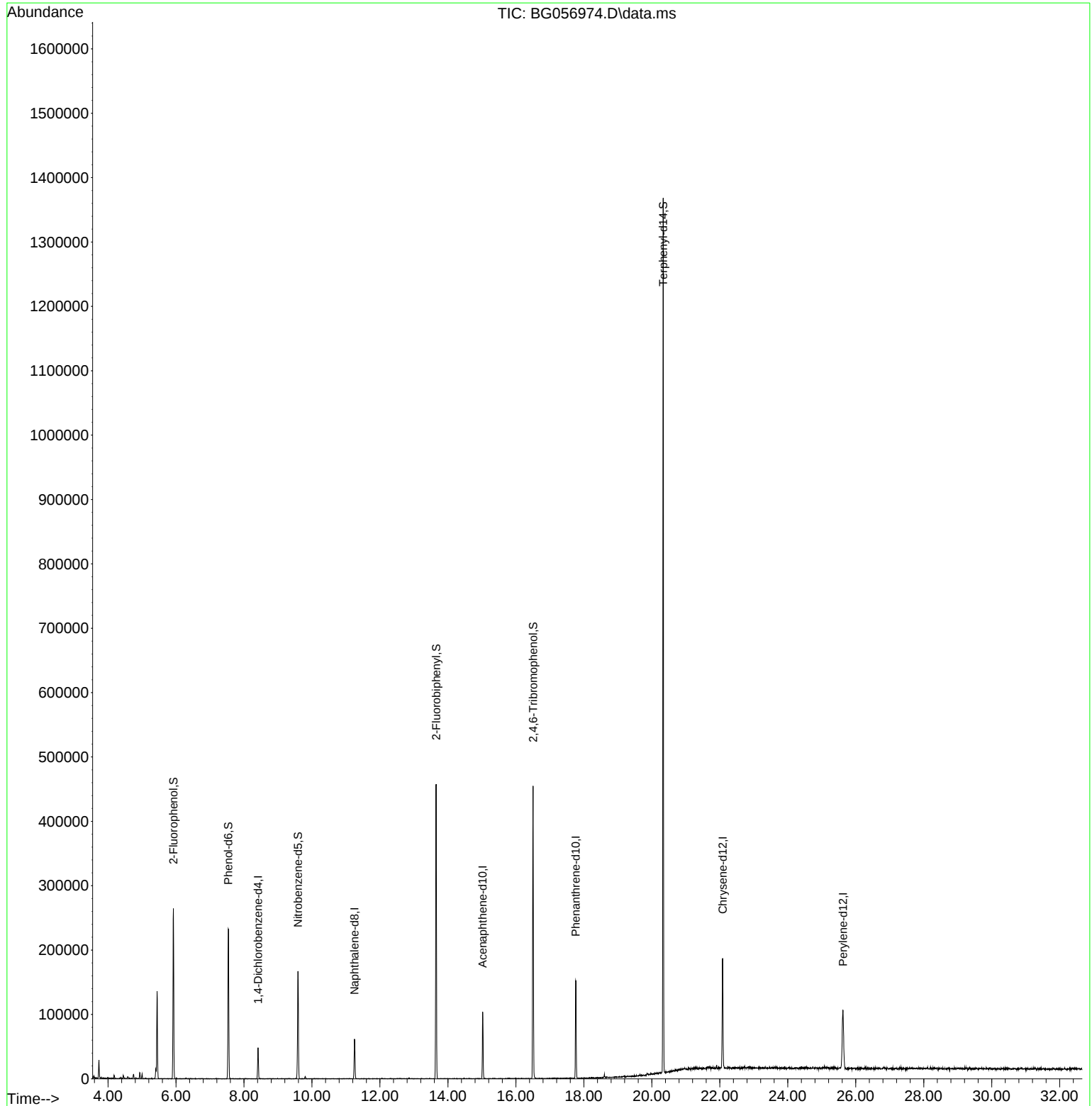
Target Compounds	Qvalue

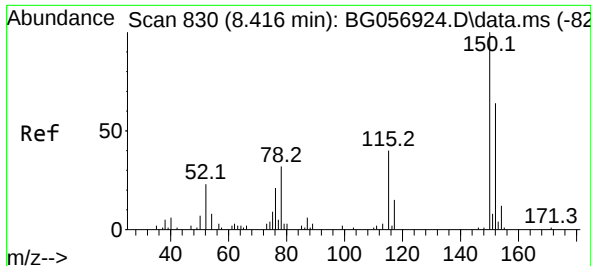
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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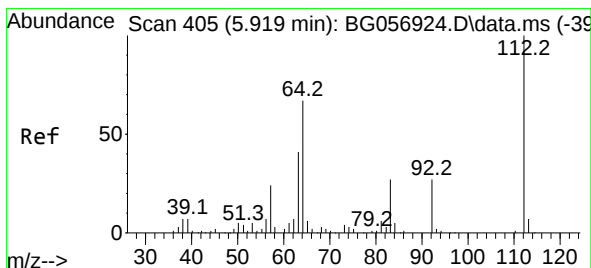
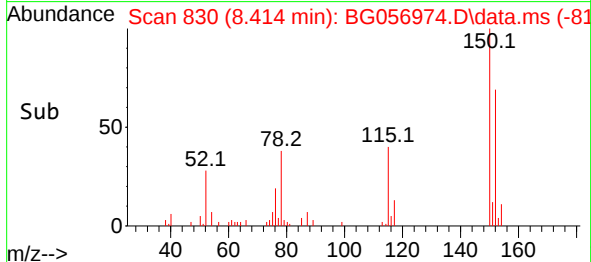
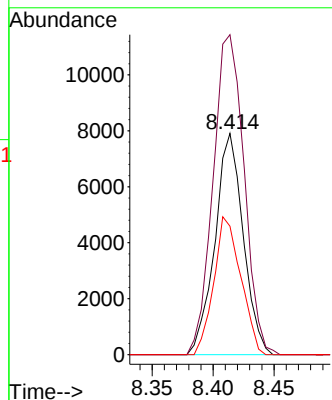
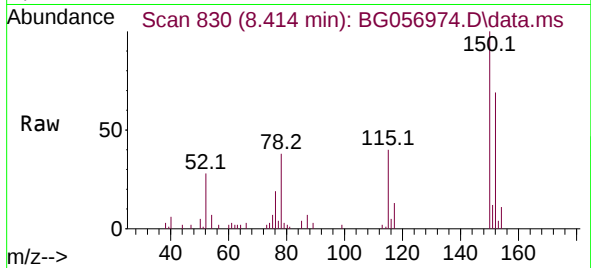




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.414 min Scan# 831
Delta R.T. -0.002 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

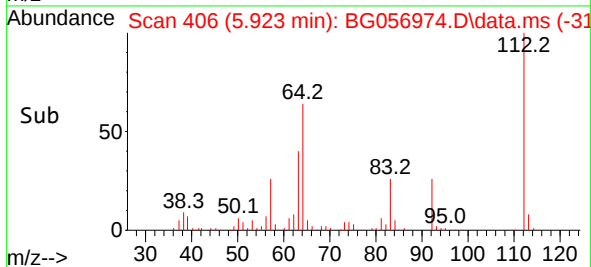
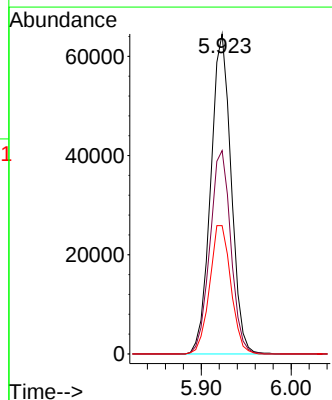
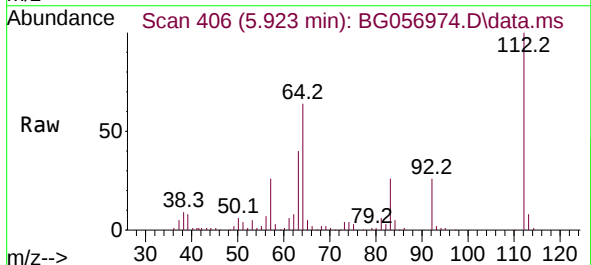
Instrument :
BNA_G
ClientSampleId :
WC-5

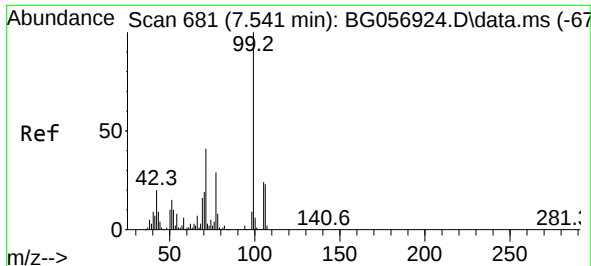
Tgt Ion:152 Resp: 12777
Ion Ratio Lower Upper
152 100
150 144.6 124.1 186.1
115 58.1 49.1 73.7



#5
2-Fluorophenol
Concen: 127.491 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.004 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion:112 Resp: 101781
Ion Ratio Lower Upper
112 100
64 63.5 53.2 79.8
63 40.1 32.6 48.8

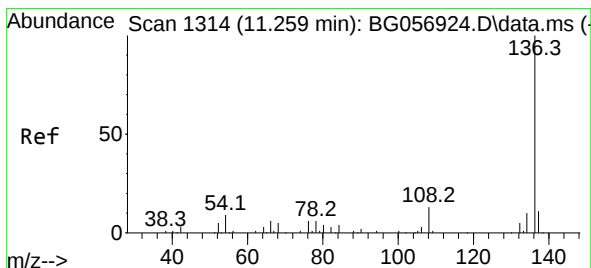
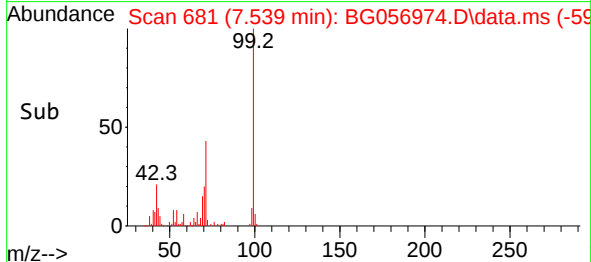
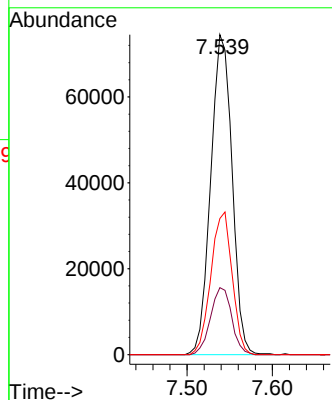
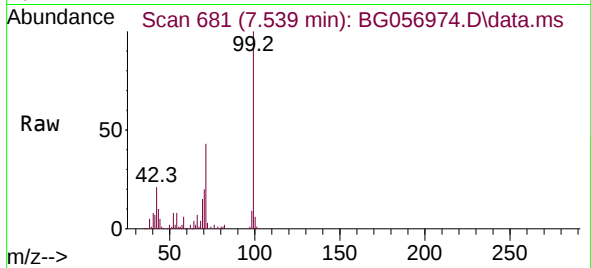




#7
Phenol-d6
Concen: 108.344 ng
RT: 7.539 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

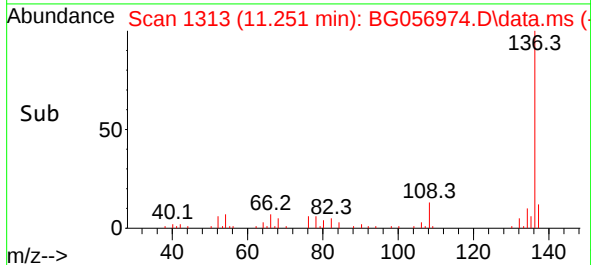
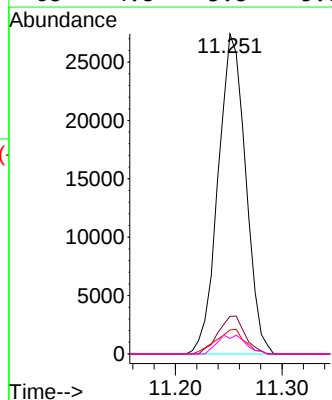
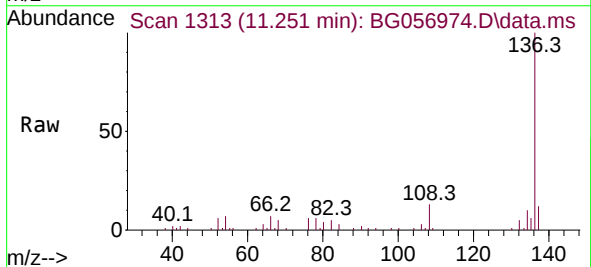
Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 99 Resp: 129364
Ion Ratio Lower Upper
99 100
42 20.9 15.7 23.5
71 42.5 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 1313
Delta R.T. -0.008 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion: 136 Resp: 49111
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 7.5 6.9 10.3
68 4.8 3.8 5.6





#23

Nitrobenzene-d5

Concen: 86.079 ng

RT: 9.589 min Scan# 1030

Delta R.T. -0.008 min

Lab File: BG056974.D

Acq: 4 Apr 2023 20:59

Instrument :

BNA_G

ClientSampleId :

WC-5

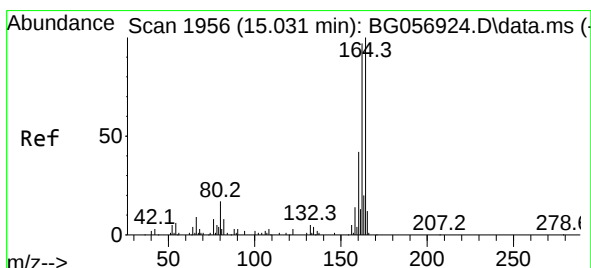
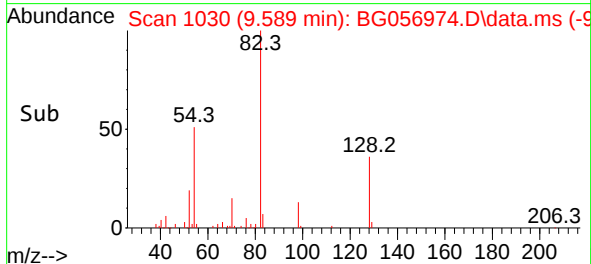
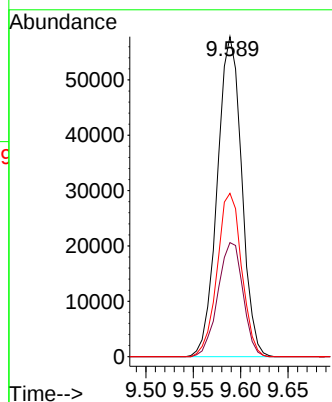
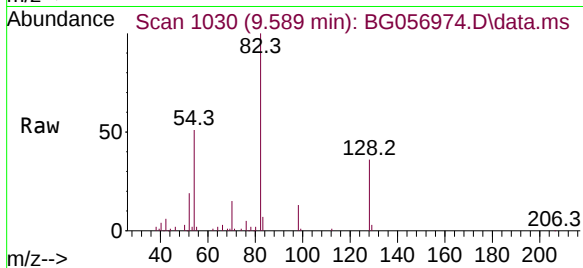
Tgt Ion: 82 Resp: 103315

Ion Ratio Lower Upper

82 100

128 35.6 27.9 41.9

54 51.0 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.008 min

Lab File: BG056974.D

Acq: 4 Apr 2023 20:59

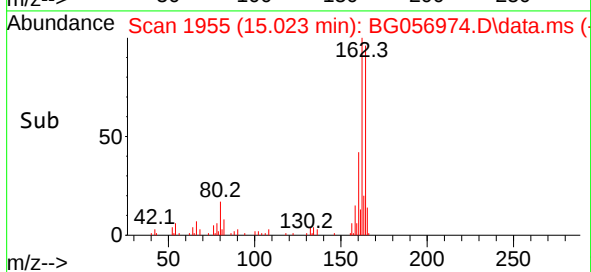
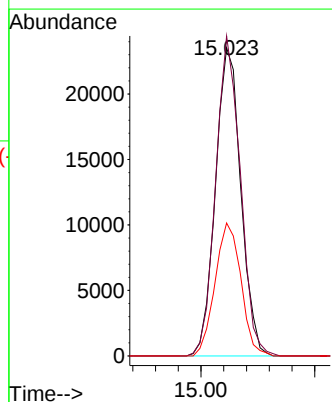
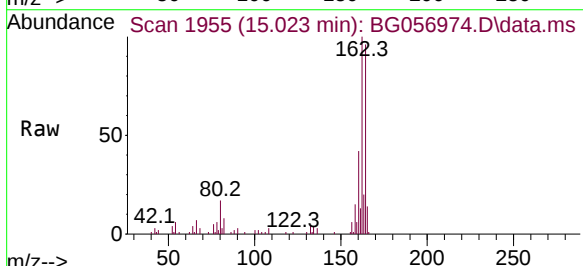
Tgt Ion: 164 Resp: 36424

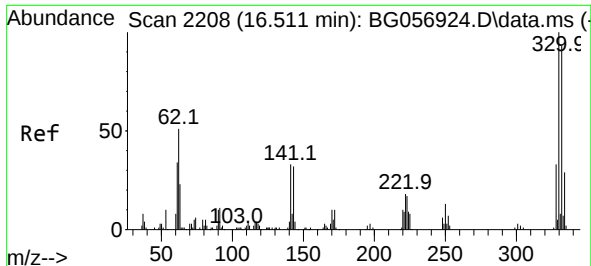
Ion Ratio Lower Upper

164 100

162 103.9 77.8 116.8

160 43.2 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 156.129 ng

RT: 16.503 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG056974.D

Acq: 4 Apr 2023 20:59

Instrument :

BNA_G

ClientSampleId :

WC-5

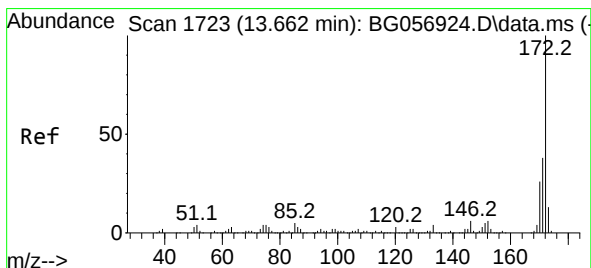
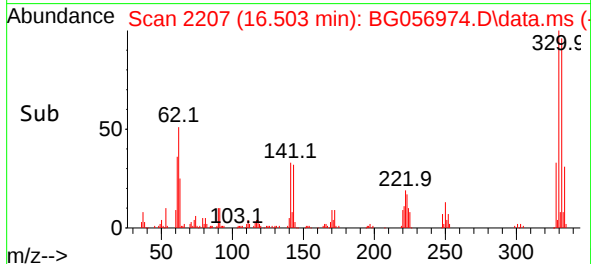
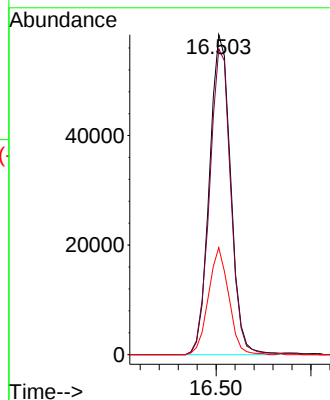
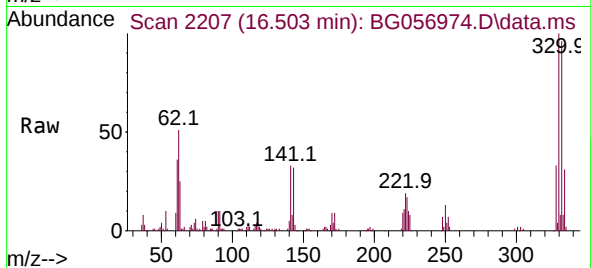
Tgt Ion:330 Resp: 90849

Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

141 31.9 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 87.791 ng

RT: 13.654 min Scan# 1722

Delta R.T. -0.008 min

Lab File: BG056974.D

Acq: 4 Apr 2023 20:59

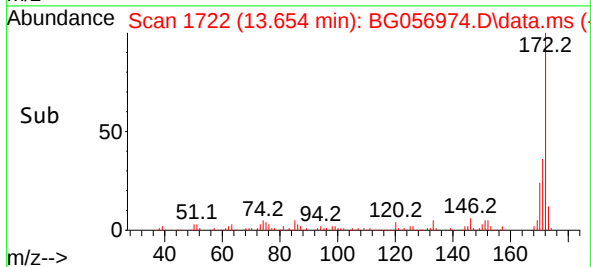
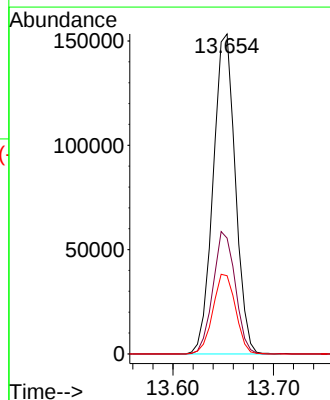
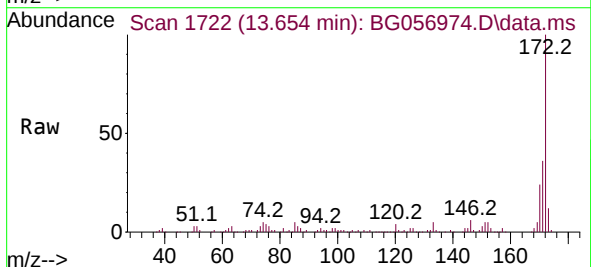
Tgt Ion:172 Resp: 235818

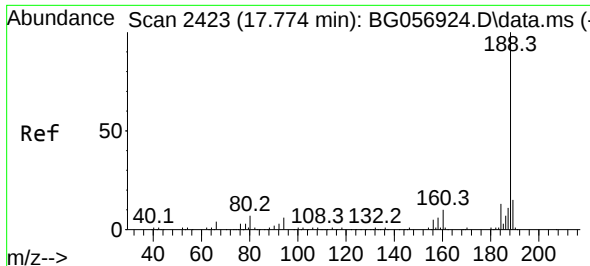
Ion Ratio Lower Upper

172 100

171 36.2 30.6 46.0

170 24.4 20.6 30.8

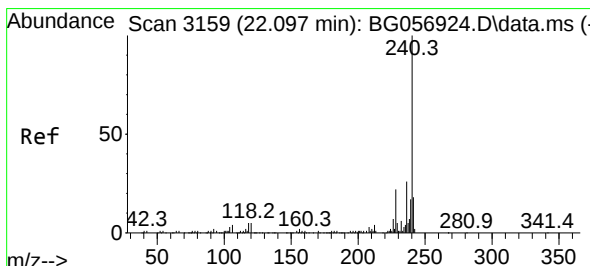
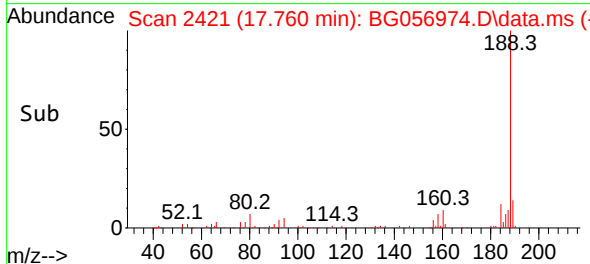
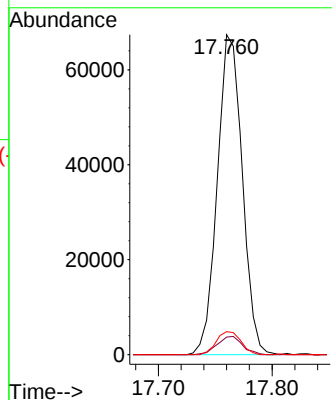
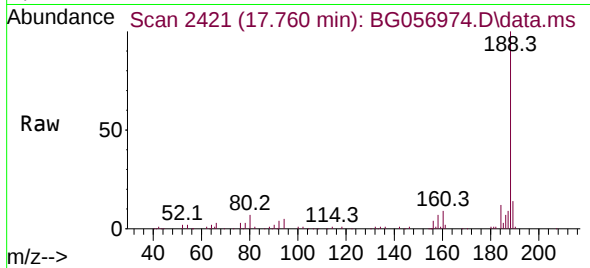




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.760 min Scan# 2423
Delta R.T. -0.014 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

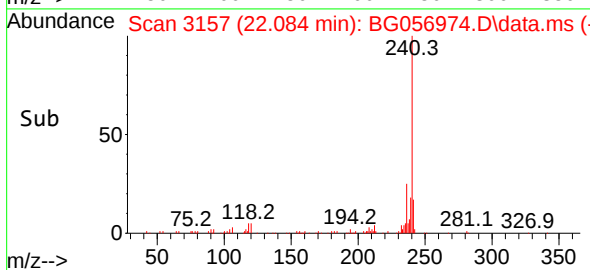
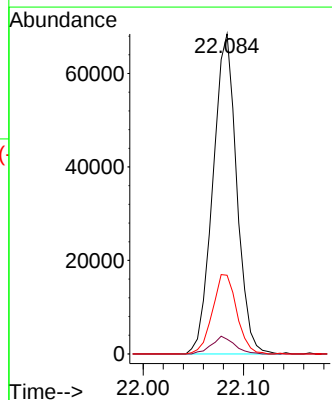
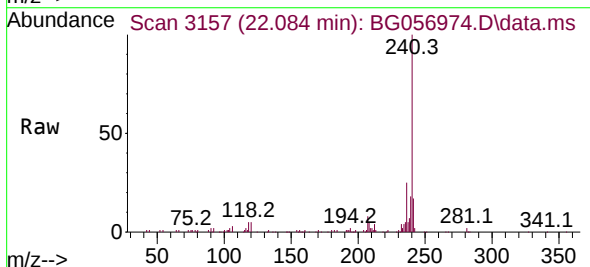
Instrument :
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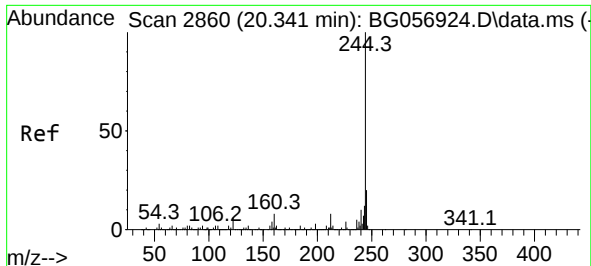
Tgt Ion:188 Resp: 102799
Ion Ratio Lower Upper
188 100
94 5.5 4.6 6.8
80 7.2 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.084 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056974.D
Acq: 4 Apr 2023 20:59

Tgt Ion:240 Resp: 112767
Ion Ratio Lower Upper
240 100
120 4.6 3.8 5.6
236 24.6 21.0 31.6

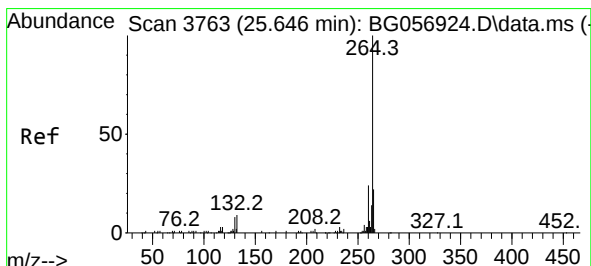
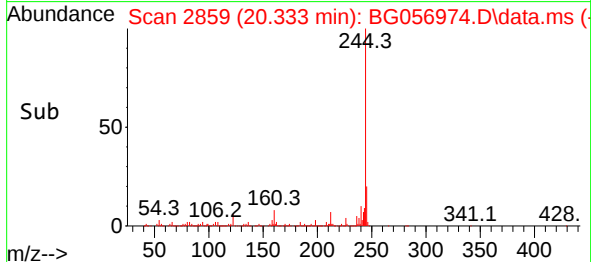
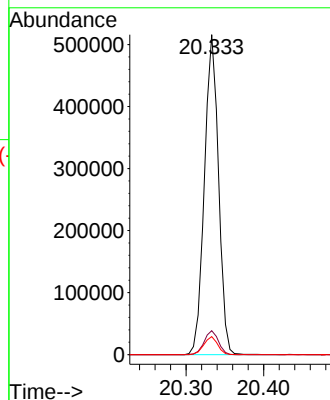
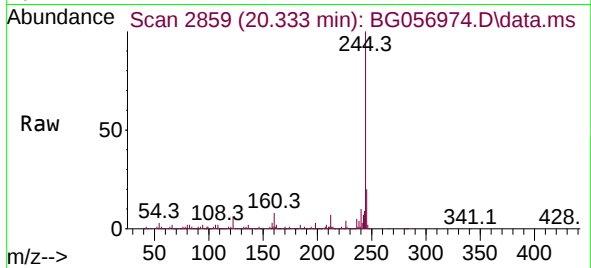




#79
 Terphenyl-d14
 Concen: 97.613 ng
 RT: 20.333 min Scan# 2860
 Delta R.T. -0.008 min
 Lab File: BG056974.D
 Acq: 4 Apr 2023 20:59

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 650504
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3760
 Delta R.T. -0.020 min
 Lab File: BG056974.D
 Acq: 4 Apr 2023 20:59

Tgt Ion:264 Resp: 112024
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.0 17.8 26.6

