

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057058.D
 Acq On : 11 Apr 2023 18:22
 Operator : CG/JU
 Sample : 02271-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-040723

Quant Time: Apr 12 04:42:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	15076	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	57221	20.000	ng	0.00
39) Acenaphthene-d10	15.019	164	40271	20.000	ng	0.00
64) Phenanthrene-d10	17.756	188	96095	20.000	ng	0.00
76) Chrysene-d12	22.074	240	95472	20.000	ng	# 0.00
86) Perylene-d12	25.605	264	99455	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	61969	65.785	ng	0.00
7) Phenol-d6	7.535	99	50366	35.750	ng	0.00
23) Nitrobenzene-d5	9.585	82	128523	91.904	ng	0.00
42) 2,4,6-Tribromophenol	16.499	330	88955	138.270	ng	0.00
45) 2-Fluorobiphenyl	13.644	172	282089	94.985	ng	0.00
79) Terphenyl-d14	20.329	244	586661	103.981	ng	0.00

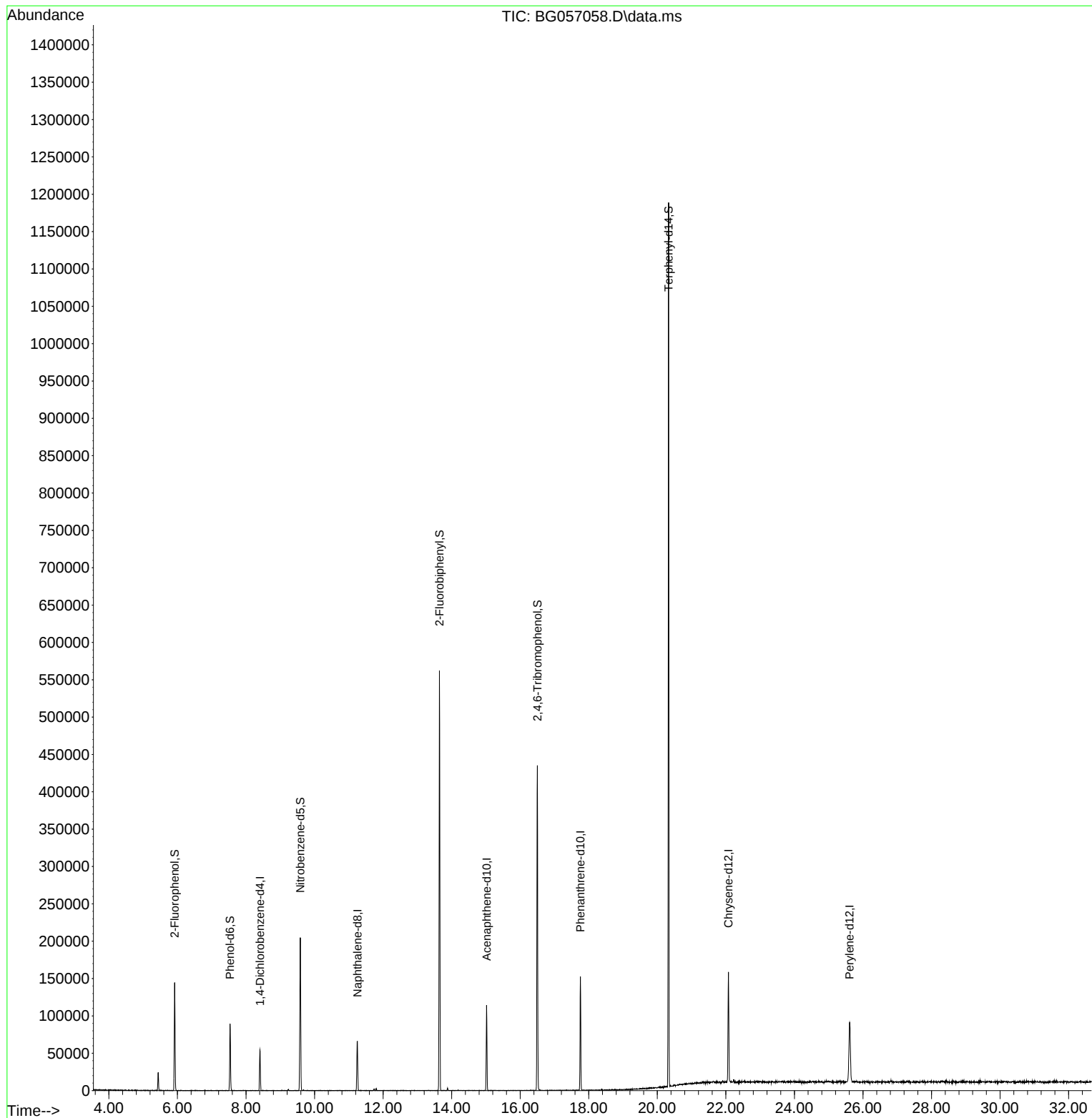
Target Compounds	Qvalue

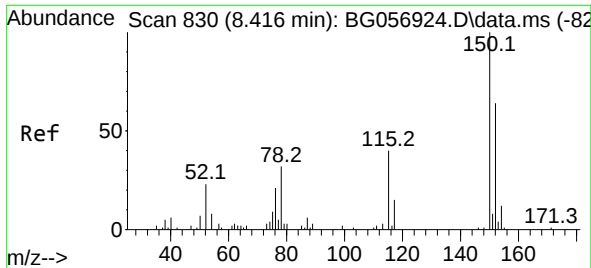
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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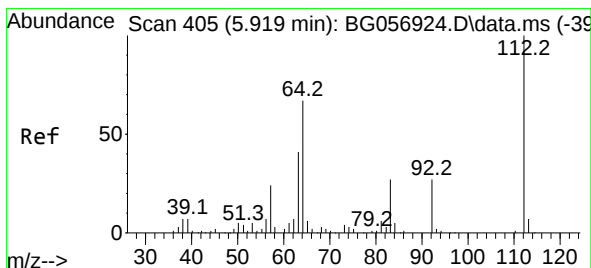
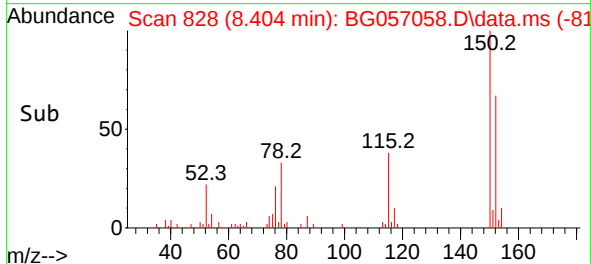
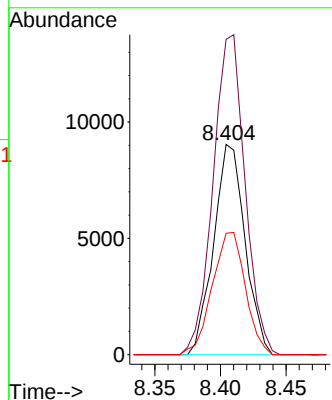
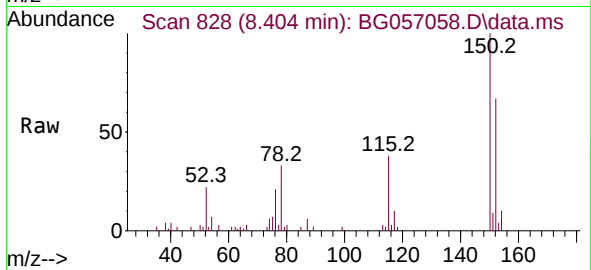




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.404 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

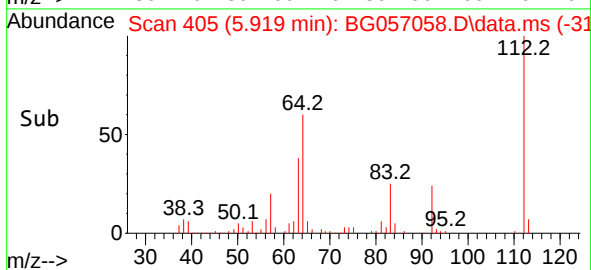
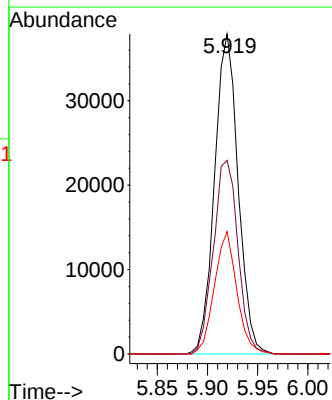
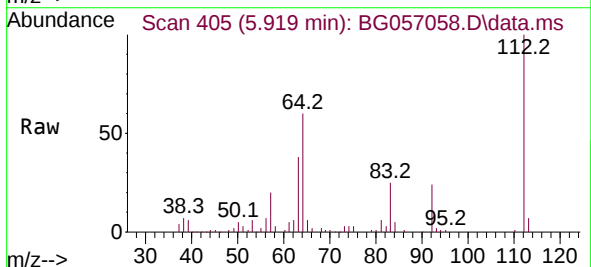
Instrument :
BNA_G
ClientSampleId :
FB-040723

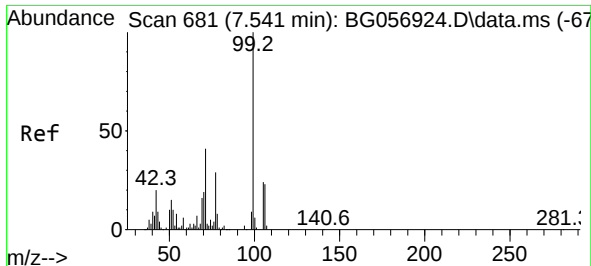
Tgt Ion:152 Resp: 15076
Ion Ratio Lower Upper
152 100
150 150.0 124.1 186.1
115 57.7 49.1 73.7



#5
2-Fluorophenol
Concen: 65.785 ng
RT: 5.919 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion:112 Resp: 61969
Ion Ratio Lower Upper
112 100
64 60.5 53.2 79.8
63 38.2 32.6 48.8

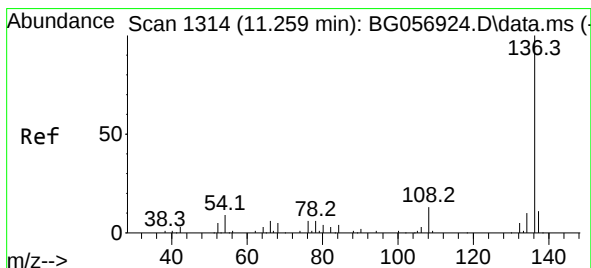
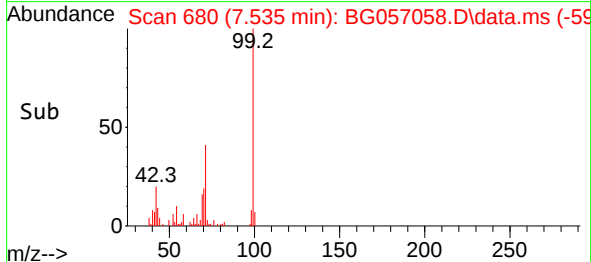
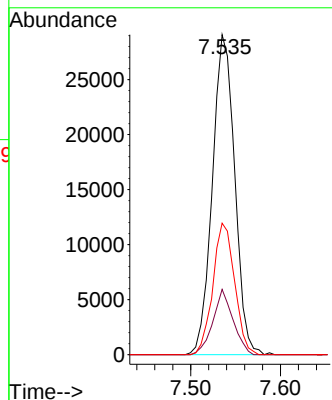
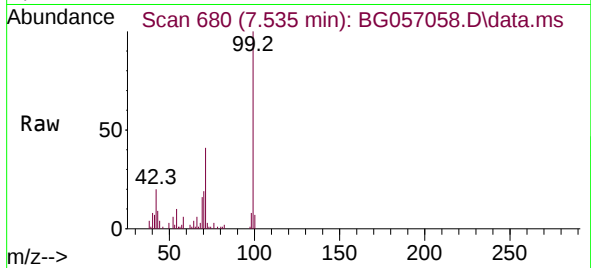




#7
Phenol-d6
Concen: 35.750 ng
RT: 7.535 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

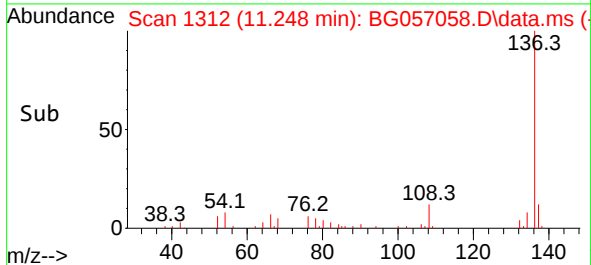
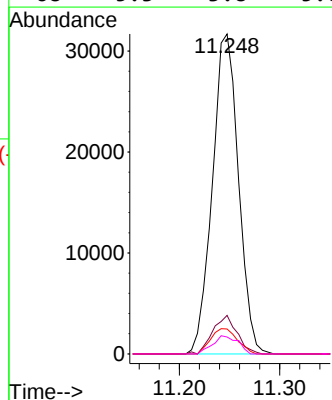
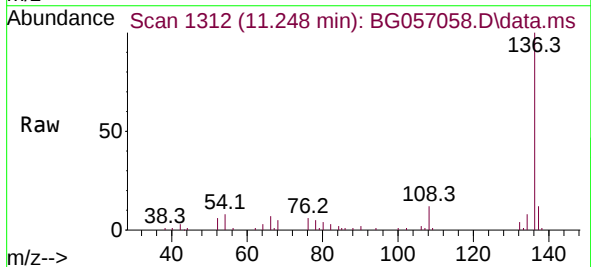
Instrument :
BNA_G
ClientSampleId :
FB-040723

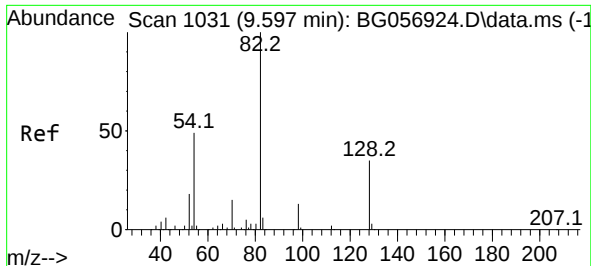
Tgt Ion: 99 Resp: 50366
Ion Ratio Lower Upper
99 100
42 20.4 15.7 23.5
71 41.1 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.248 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion: 136 Resp: 57221
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 7.8 6.9 10.3
68 5.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 91.904 ng

RT: 9.585 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057058.D

Acq: 11 Apr 2023 18:22

Instrument :

BNA_G

ClientSampleId :

FB-040723

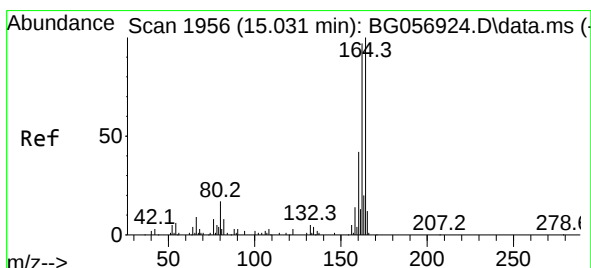
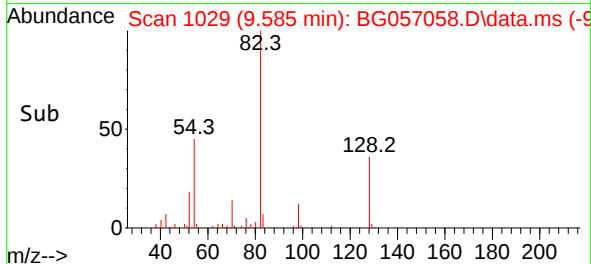
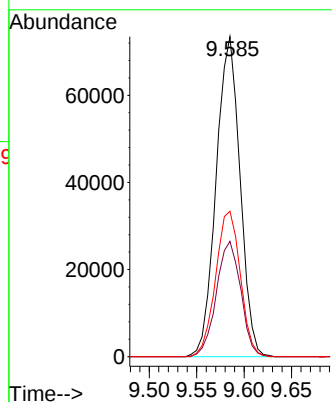
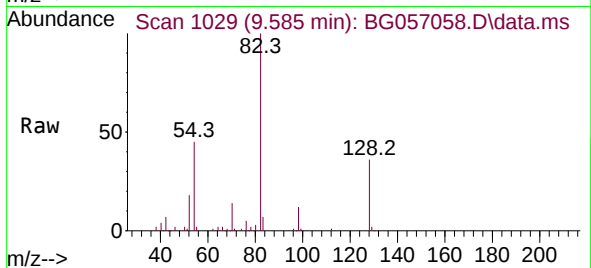
Tgt Ion: 82 Resp: 128523

Ion Ratio Lower Upper

82 100

128 36.0 27.9 41.9

54 45.4 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057058.D

Acq: 11 Apr 2023 18:22

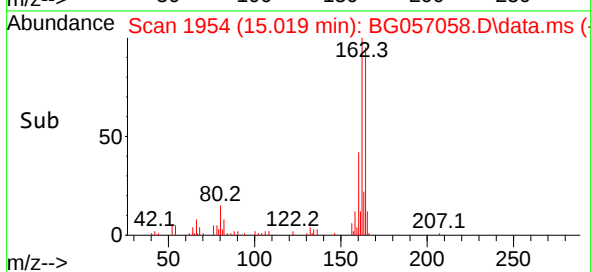
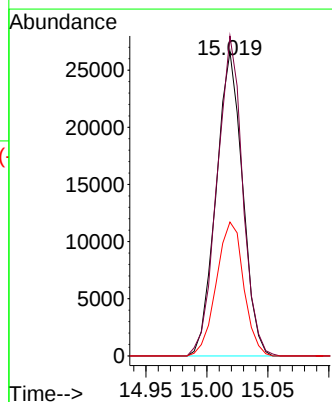
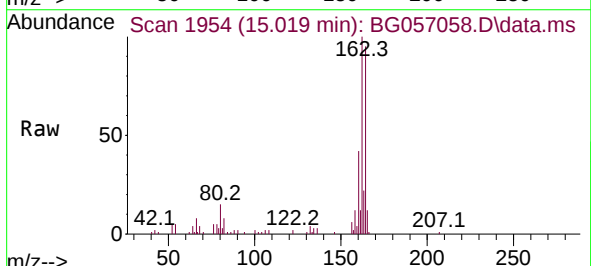
Tgt Ion:164 Resp: 40271

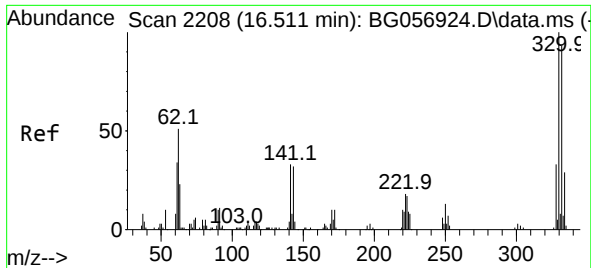
Ion Ratio Lower Upper

164 100

162 105.2 77.8 116.8

160 44.0 33.5 50.3

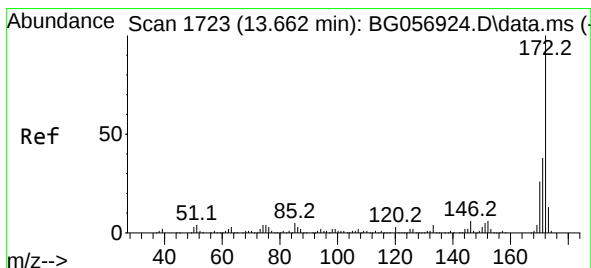
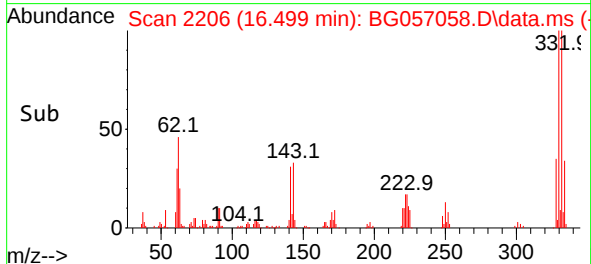
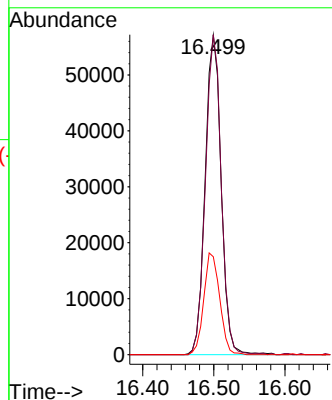
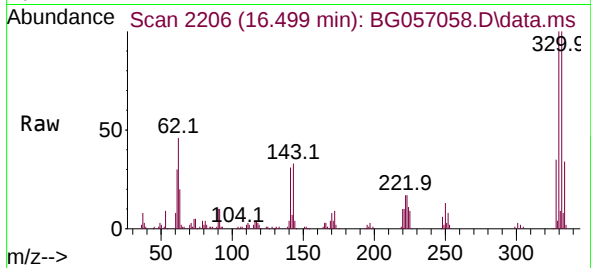




#42
 2,4,6-Tribromophenol
 Concen: 138.270 ng
 RT: 16.499 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057058.D
 Acq: 11 Apr 2023 18:22

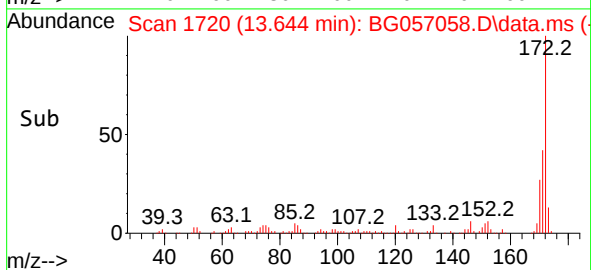
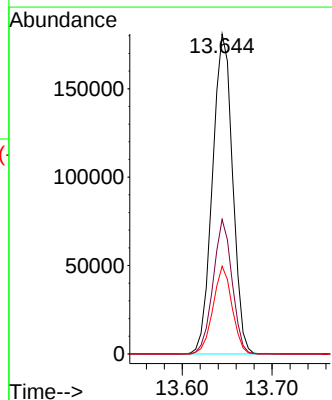
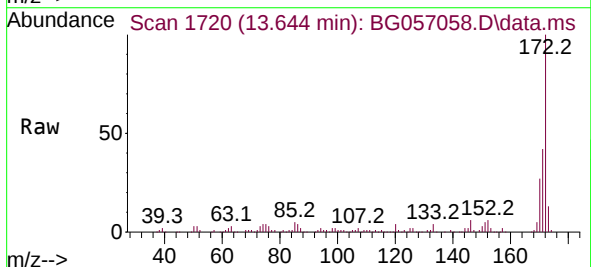
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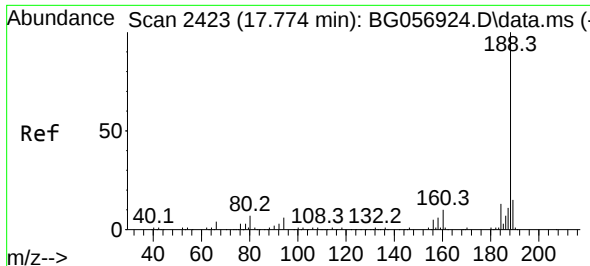
Tgt Ion:330 Resp: 88955
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.1 114.1
 141 31.6 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 94.985 ng
 RT: 13.644 min Scan# 1720
 Delta R.T. -0.003 min
 Lab File: BG057058.D
 Acq: 11 Apr 2023 18:22

Tgt Ion:172 Resp: 282089
 Ion Ratio Lower Upper
 172 100
 171 42.0 30.6 46.0
 170 27.4 20.6 30.8

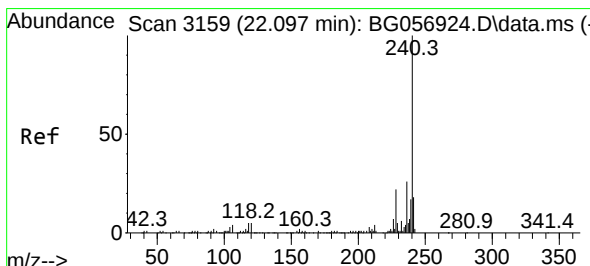
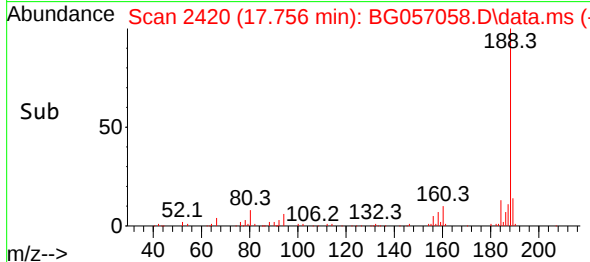
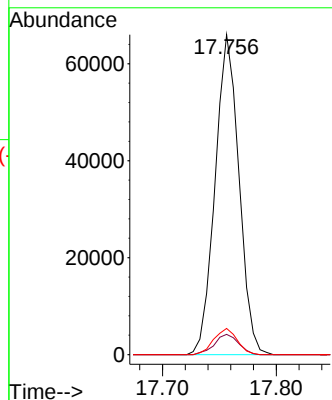
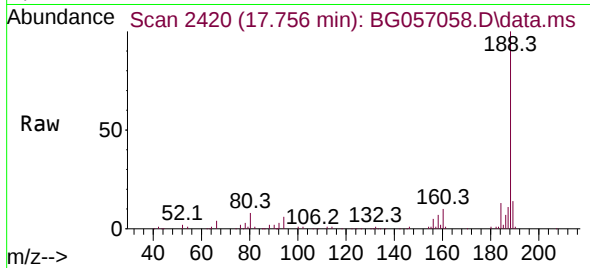




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.756 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

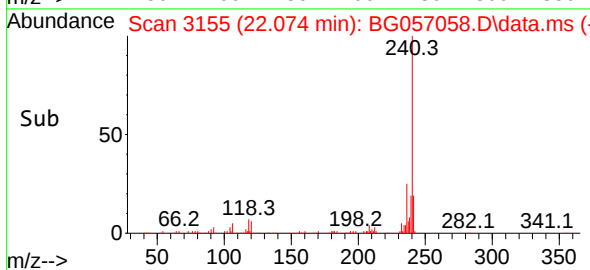
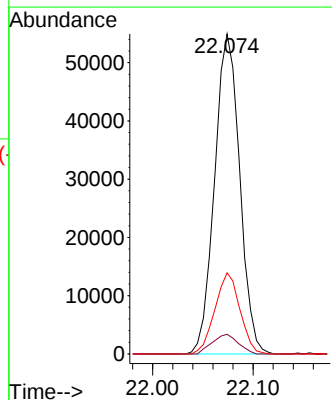
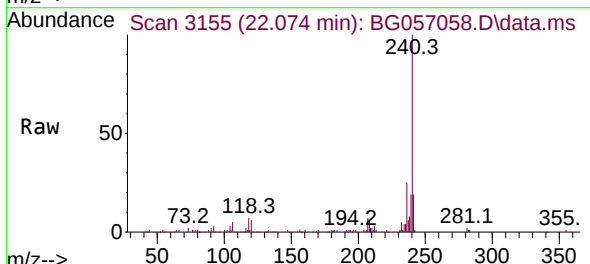
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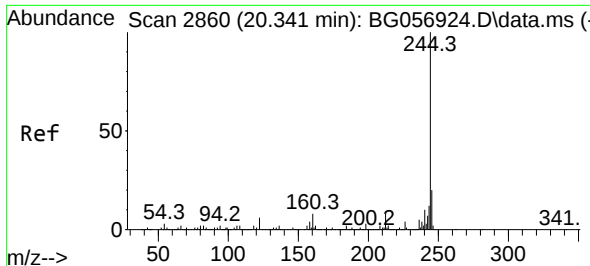
Tgt Ion:188 Resp: 96095
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 8.2 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.074 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion:240 Resp: 95472
Ion Ratio Lower Upper
240 100
120 6.1 3.8 5.6#
236 25.3 21.0 31.6

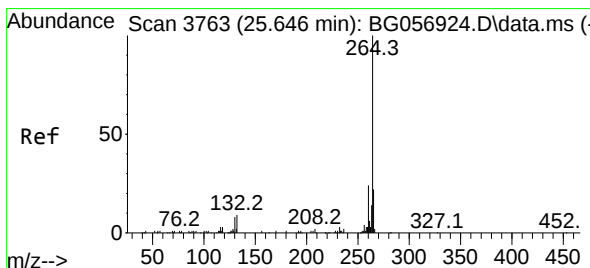
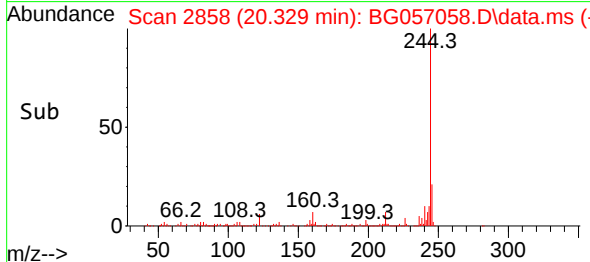
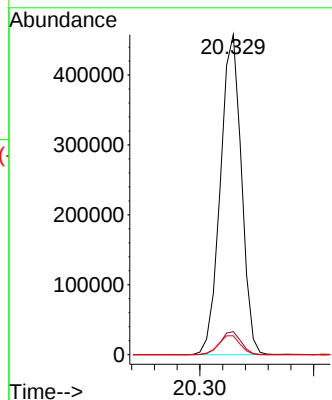
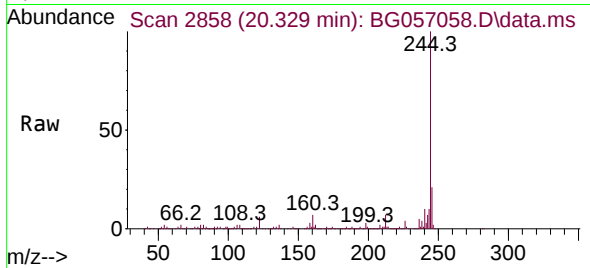




#79
 Terphenyl-d14
 Concen: 103.981 ng
 RT: 20.329 min Scan# 2860
 Delta R.T. 0.002 min
 Lab File: BG057058.D
 Acq: 11 Apr 2023 18:22

Instrument :
 BNA_G
 ClientSampleId :
 FB-040723

Tgt Ion:244 Resp: 586661
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.605 min Scan# 3756
 Delta R.T. -0.027 min
 Lab File: BG057058.D
 Acq: 11 Apr 2023 18:22

Tgt Ion:264 Resp: 99455
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.4
 265 20.3 17.8 26.6

