

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056989.D
 Acq On : 5 Apr 2023 13:30
 Operator : CG/JU
 Sample : 02161-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6RE

Quant Time: Apr 05 14:59:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 05 14:57:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	19332	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	69950	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	35203	20.000	ng	# 0.00
64) Phenanthrene-d10	17.766	188	110110	20.000	ng	0.00
76) Chrysene-d12	22.083	240	83119	20.000	ng	-0.01
86) Perylene-d12	25.626	264	9168	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	116835	96.725	ng	0.00
7) Phenol-d6	7.544	99	139320	77.118	ng	0.00
23) Nitrobenzene-d5	9.588	82	115565	67.600	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	79031	140.530	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	238761	91.970	ng	0.00
79) Terphenyl-d14	20.333	244	452997	92.222	ng	0.00

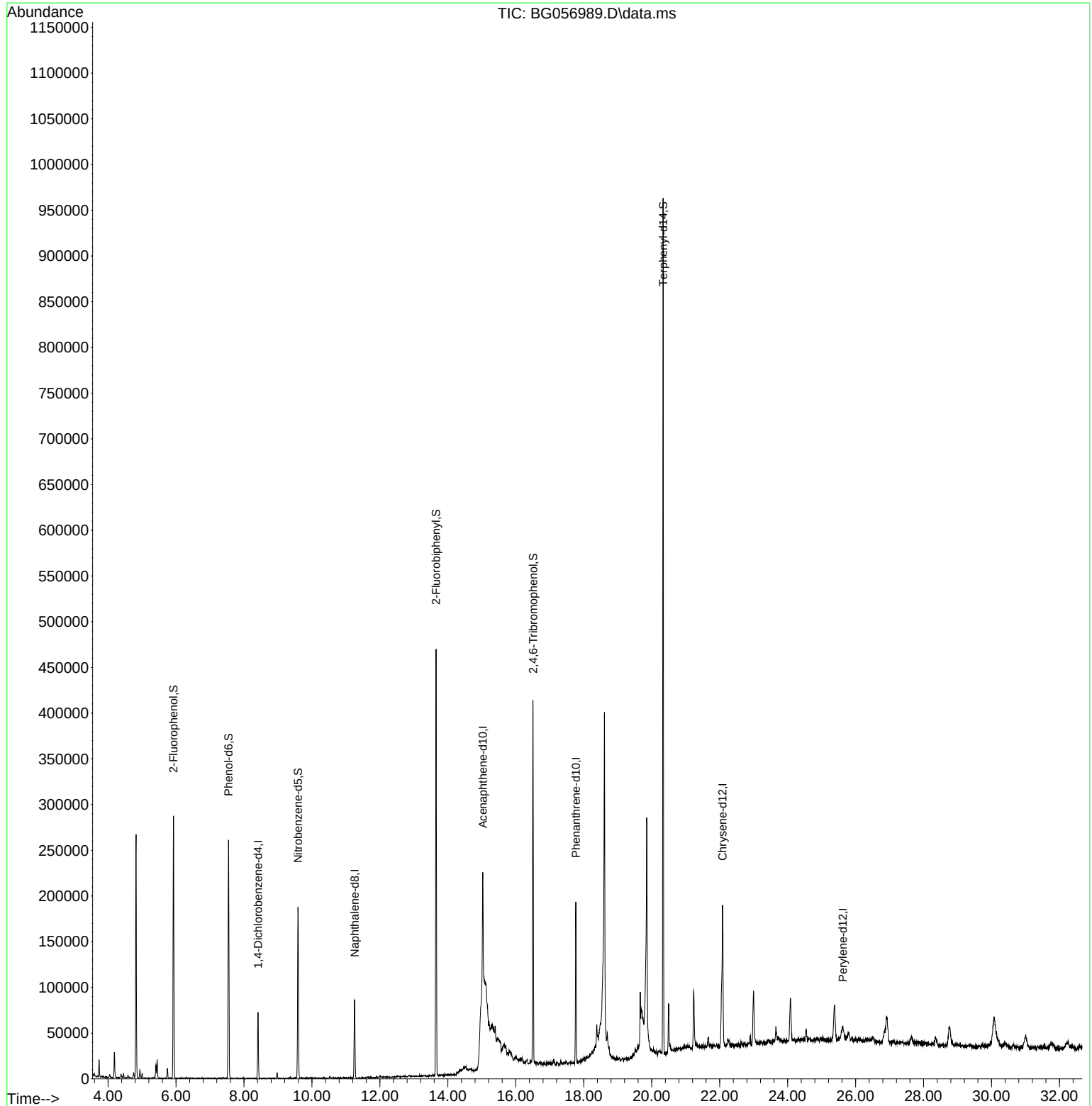
Target Compounds	Qvalue

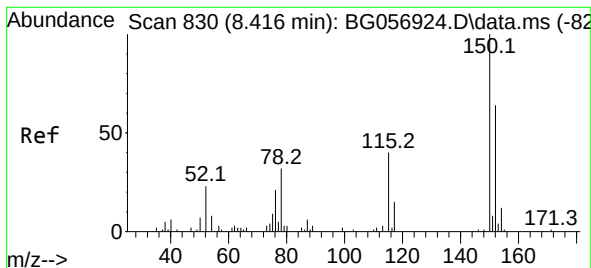
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.414 min Scan# 81

Delta R.T. -0.008 min

Lab File: BG056989.D

Acq: 5 Apr 2023 13:30

Instrument :

BNA_G

ClientSampleId :

WC-6RE

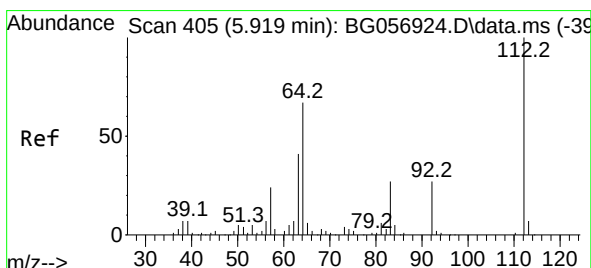
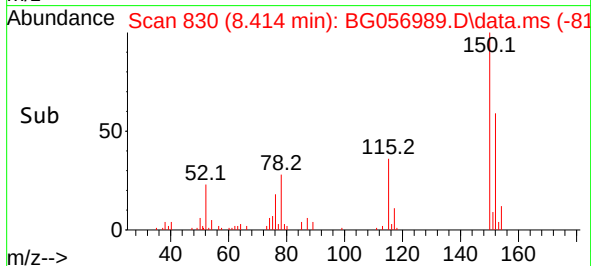
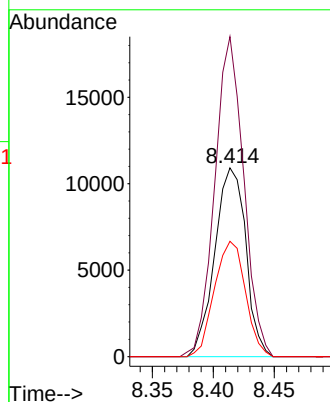
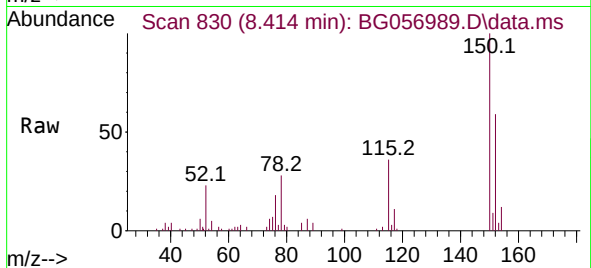
Tgt Ion:152 Resp: 19332

Ion Ratio Lower Upper

152 100

150 169.6 124.1 186.1

115 61.1 49.1 73.7



#5

2-Fluorophenol

Concen: 96.725 ng

RT: 5.923 min Scan# 406

Delta R.T. 0.003 min

Lab File: BG056989.D

Acq: 5 Apr 2023 13:30

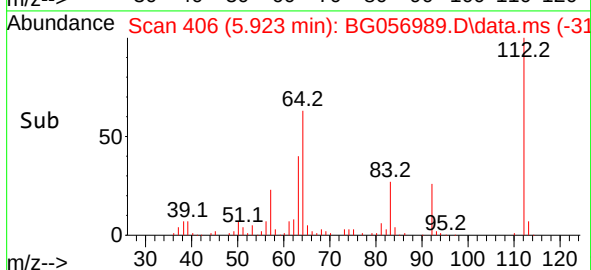
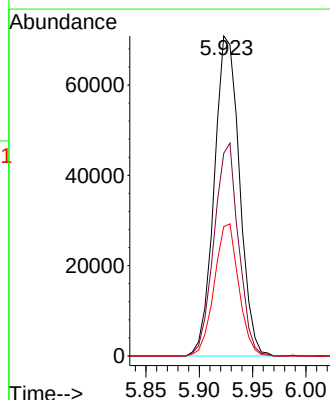
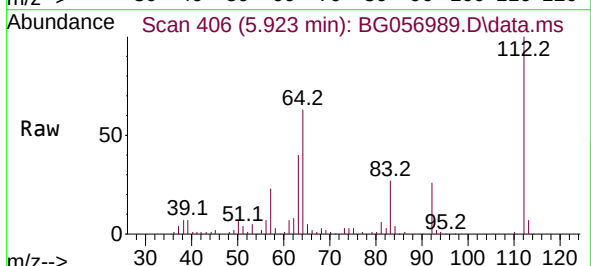
Tgt Ion:112 Resp: 116835

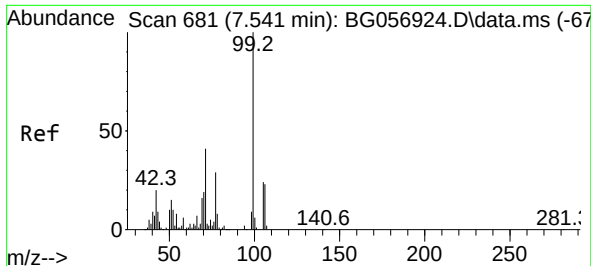
Ion Ratio Lower Upper

112 100

64 63.3 53.2 79.8

63 40.4 32.6 48.8

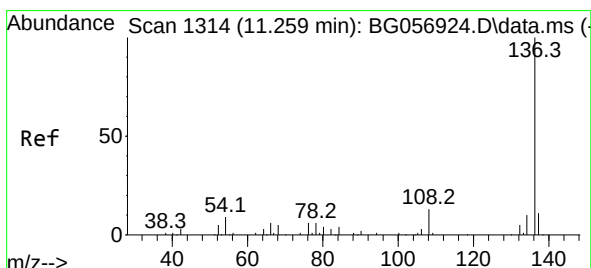
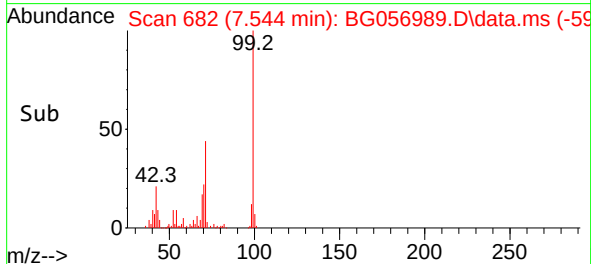
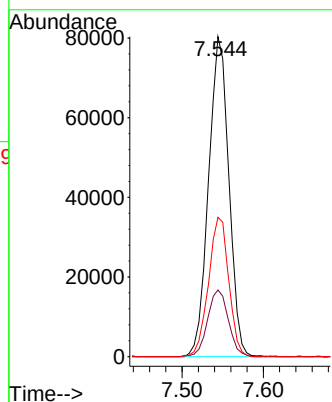
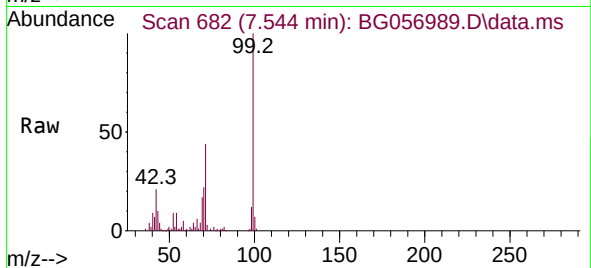




#7
Phenol-d6
Concen: 77.118 ng
RT: 7.544 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG056989.D
Acq: 5 Apr 2023 13:30

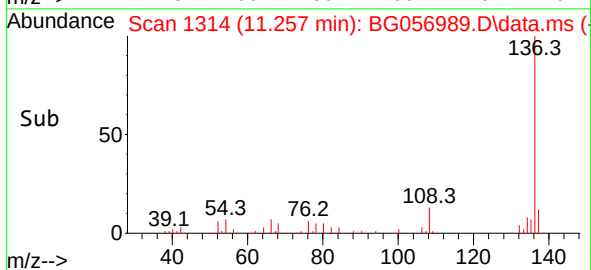
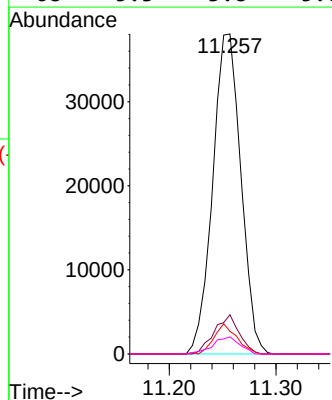
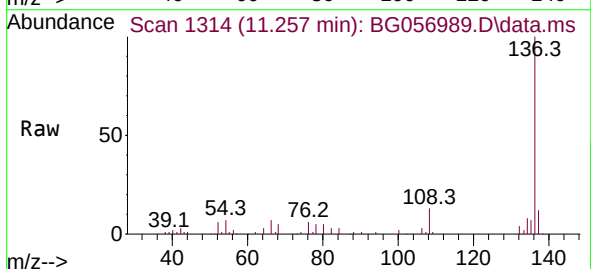
Instrument :
BNA_G
ClientSampleId :
WC-6RE

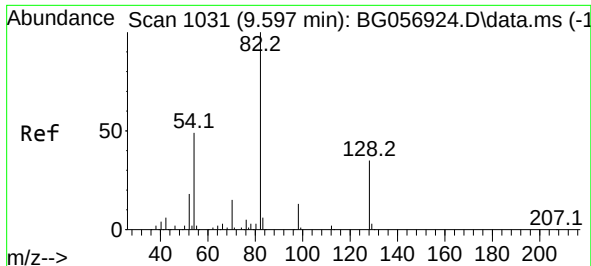
Tgt Ion: 99 Resp: 139320
Ion Ratio Lower Upper
99 100
42 20.9 15.7 23.5
71 43.5 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 1314
Delta R.T. -0.008 min
Lab File: BG056989.D
Acq: 5 Apr 2023 13:30

Tgt Ion: 136 Resp: 69950
Ion Ratio Lower Upper
136 100
137 12.3 8.6 13.0
54 7.0 6.9 10.3
68 5.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 67.600 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.009 min

Lab File: BG056989.D

Acq: 5 Apr 2023 13:30

Instrument :

BNA_G

ClientSampleId :

WC-6RE

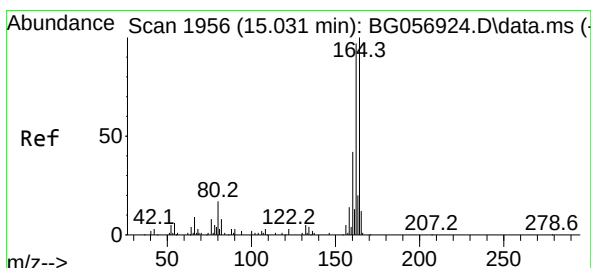
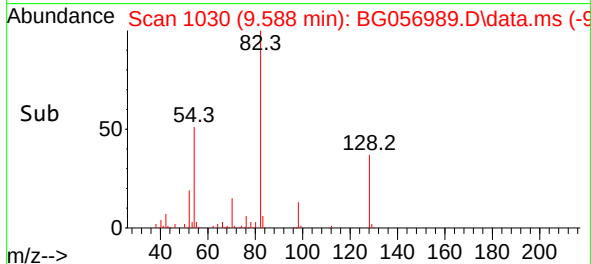
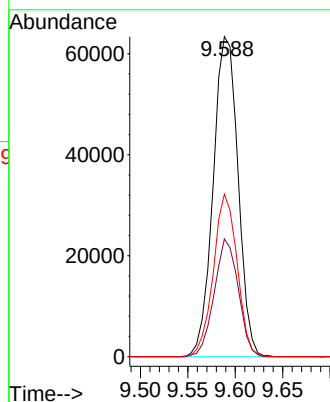
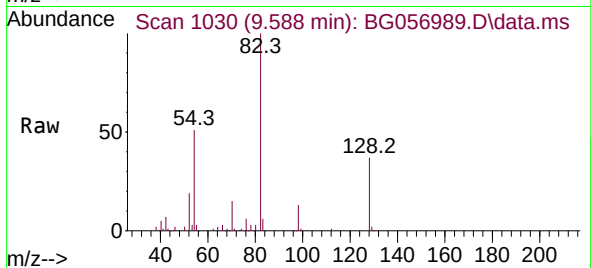
Tgt Ion: 82 Resp: 115565

Ion Ratio Lower Upper

82 100

128 36.8 27.9 41.9

54 50.8 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.008 min

Lab File: BG056989.D

Acq: 5 Apr 2023 13:30

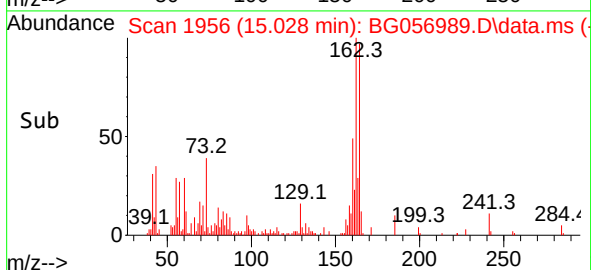
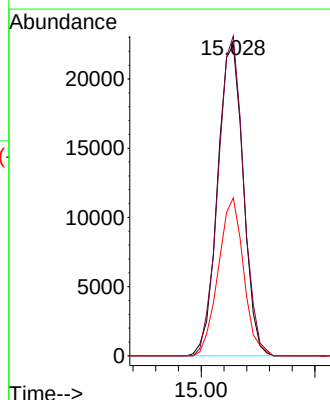
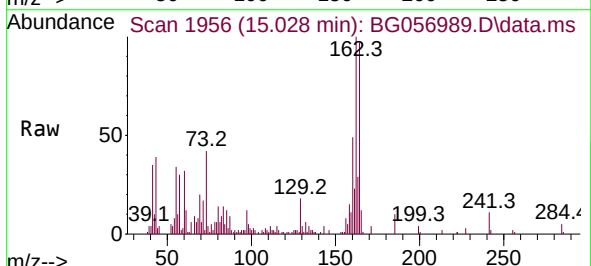
Tgt Ion: 164 Resp: 35203

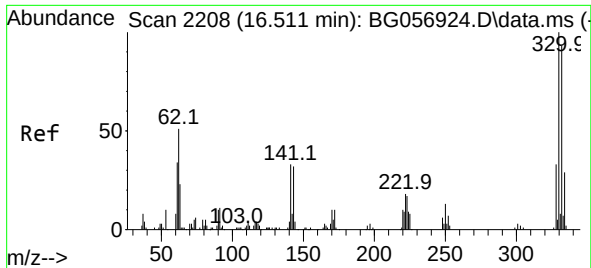
Ion Ratio Lower Upper

164 100

162 102.8 77.8 116.8

160 50.8 33.5 50.3#

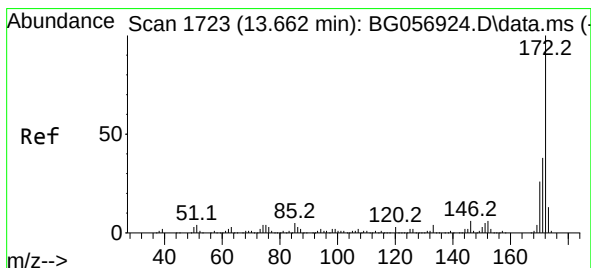
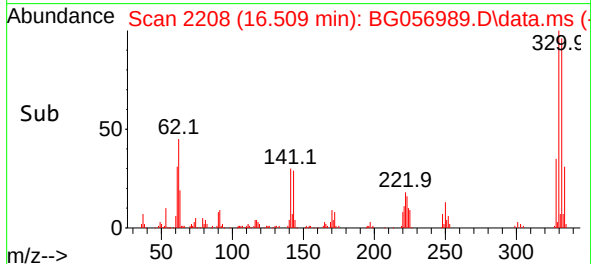
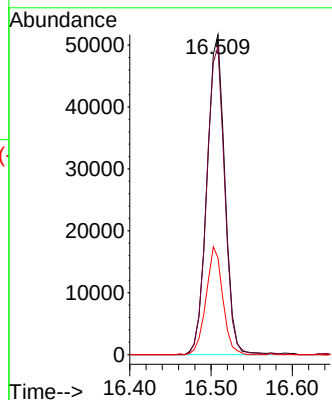
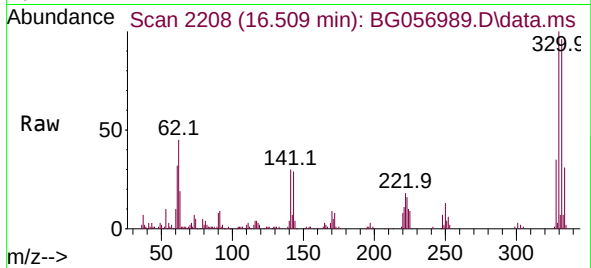




#42
2,4,6-Tribromophenol
Concen: 140.530 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056989.D
Acq: 5 Apr 2023 13:30

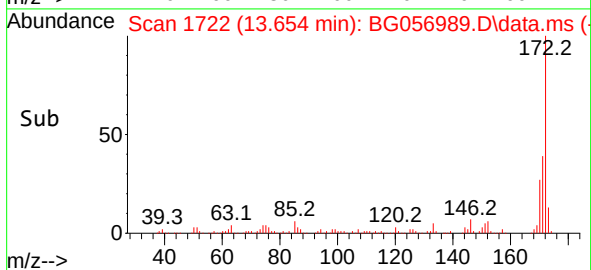
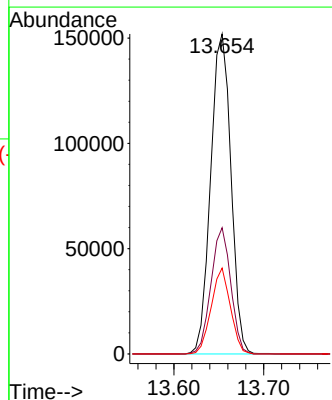
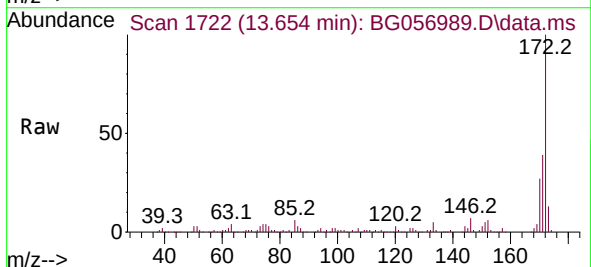
Instrument :
BNA_G
ClientSampleId :
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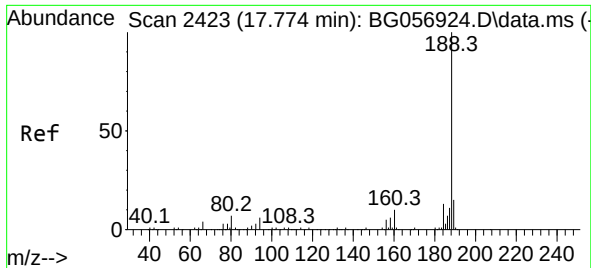
Tgt Ion:330 Resp: 79031
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 31.5 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 91.970 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056989.D
Acq: 5 Apr 2023 13:30

Tgt Ion:172 Resp: 238761
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 26.8 20.6 30.8

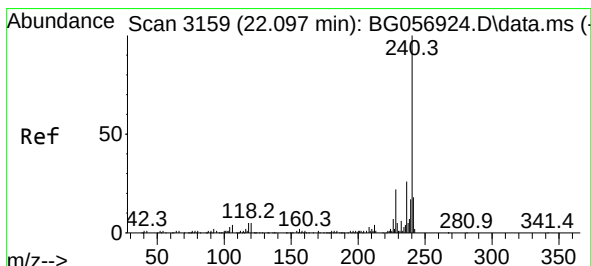
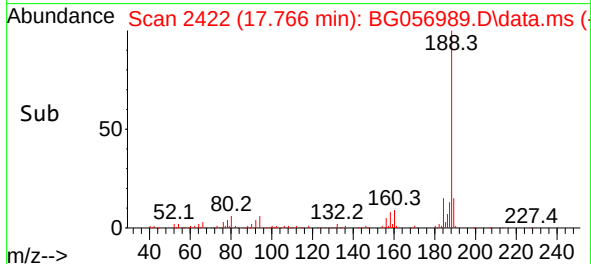
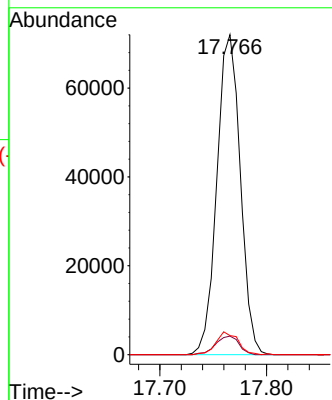
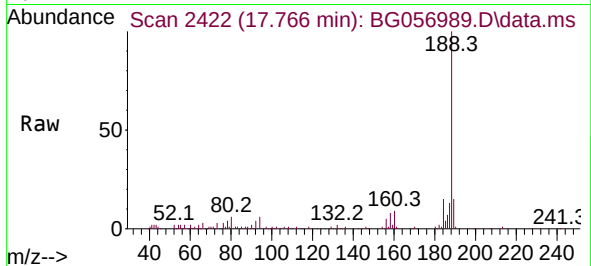




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG056989.D
Acq: 5 Apr 2023 13:30

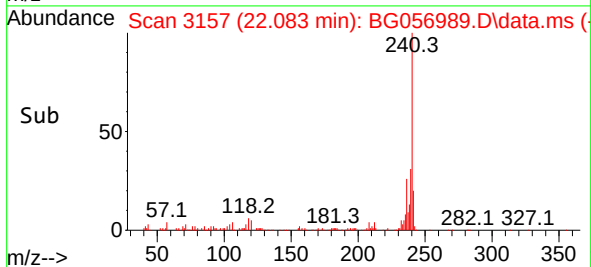
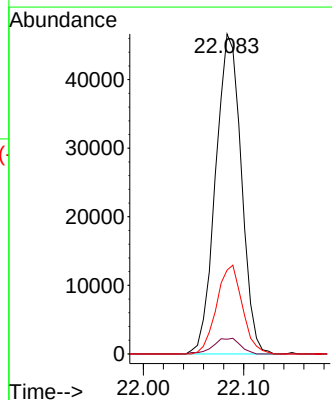
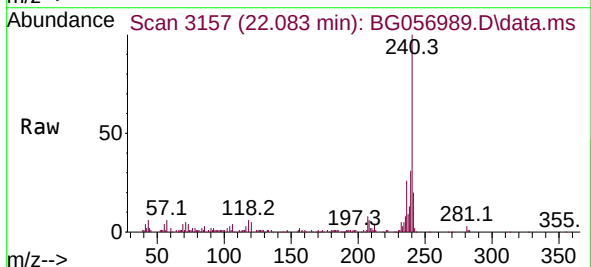
Instrument :
BNA_G
ClientSampleId :
WC-6RE

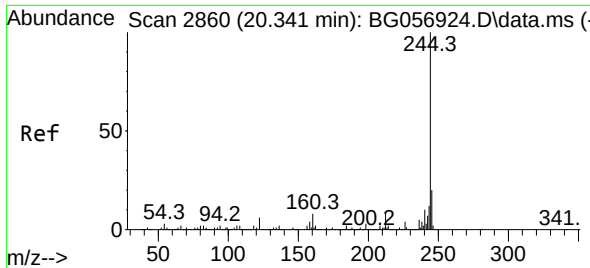
Tgt Ion:188 Resp: 110110
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 5.9 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056989.D
Acq: 5 Apr 2023 13:30

Tgt Ion:240 Resp: 83119
Ion Ratio Lower Upper
240 100
120 4.6 3.8 5.6
236 26.2 21.0 31.6

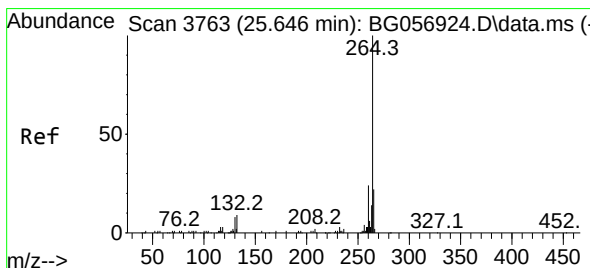
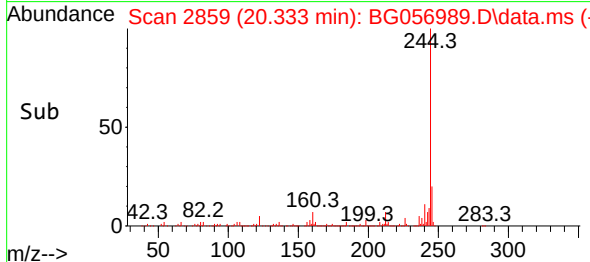
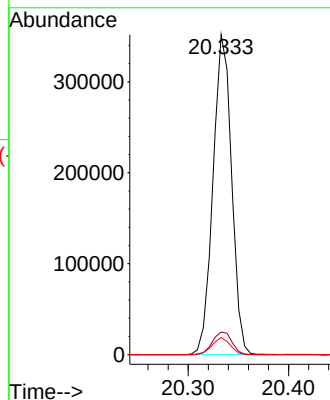
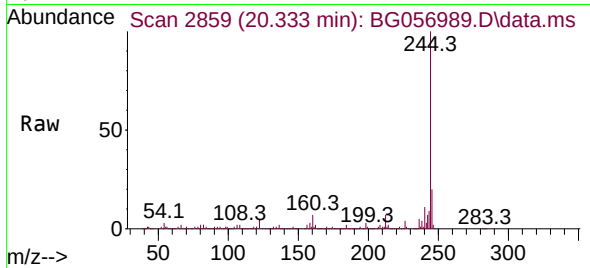




#79
 Terphenyl-d14
 Concen: 92.222 ng
 RT: 20.333 min Scan# 2859
 Delta R.T. -0.008 min
 Lab File: BG056989.D
 Acq: 5 Apr 2023 13:30

Instrument :
 BNA_G
 ClientSampleId :
 WC-6RE

Tgt Ion:244 Resp: 452997
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3760
 Delta R.T. -0.026 min
 Lab File: BG056989.D
 Acq: 5 Apr 2023 13:30

Tgt Ion:264 Resp: 9168
 Ion Ratio Lower Upper
 264 100
 260 33.2 19.0 28.4#
 265 18.2 17.8 26.6

