

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057107.D
 Acq On : 14 Apr 2023 19:55
 Operator : CG/JU
 Sample : 02341-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-2

Quant Time: Apr 15 02:49:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.401	152	19071	20.000	ng	0.00
21) Naphthalene-d8	11.238	136	77636	20.000	ng	-0.01
39) Acenaphthene-d10	15.010	164	50545	20.000	ng	-0.01
64) Phenanthrene-d10	17.753	188	113714	20.000	ng	#-0.01
76) Chrysene-d12	22.065	240	98524	20.000	ng	#-0.02
86) Perylene-d12	25.601	264	102804	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	68370	57.376	ng	0.00
7) Phenol-d6	7.538	99	122297	68.622	ng	0.00
23) Nitrobenzene-d5	9.576	82	92171	48.578	ng	-0.01
42) 2,4,6-Tribromophenol	16.490	330	28029	34.712	ng	-0.01
45) 2-Fluorobiphenyl	13.641	172	196734	52.779	ng	0.00
79) Terphenyl-d14	20.320	244	326332	56.048	ng	0.00

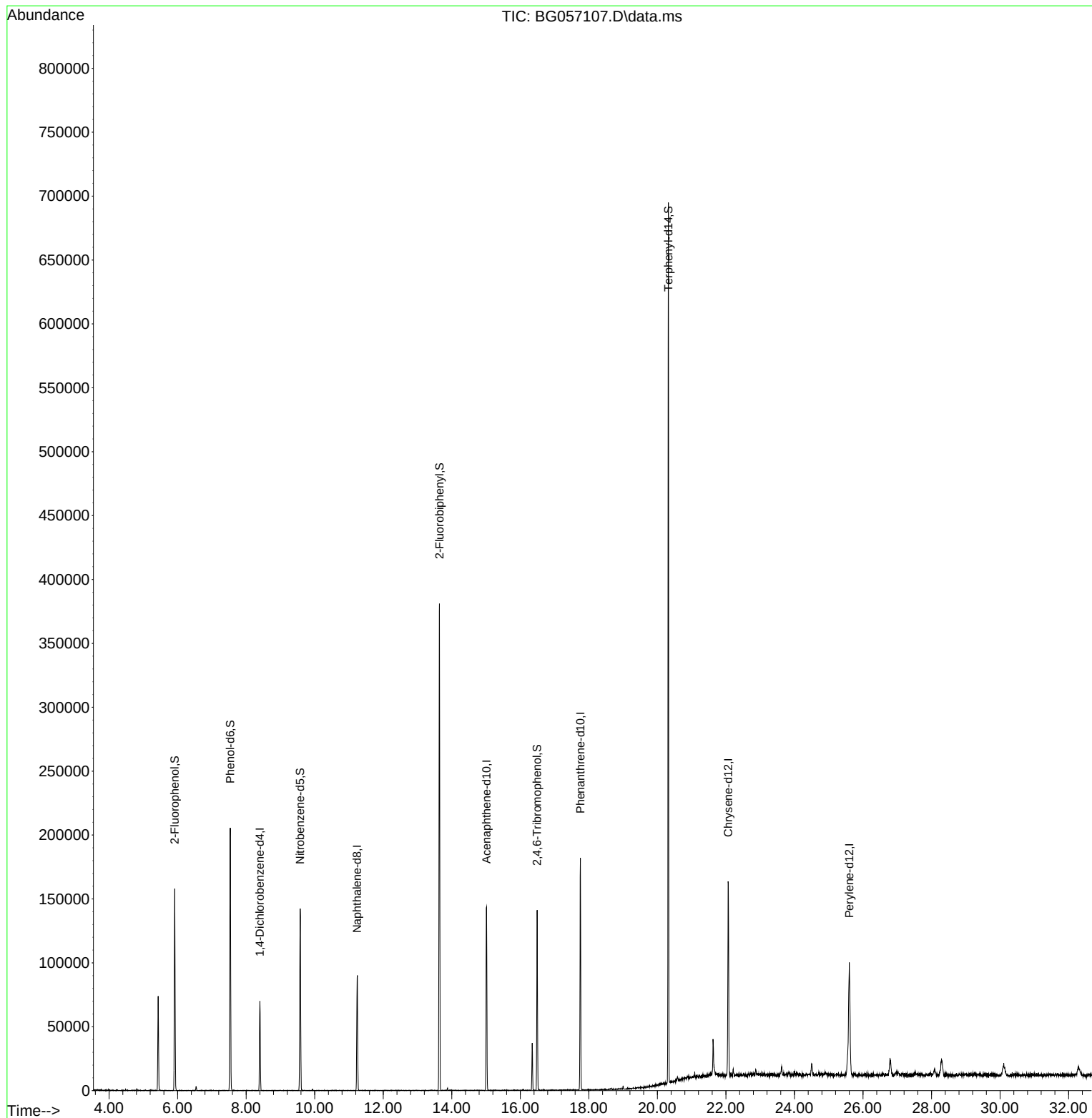
Target Compounds	Qvalue

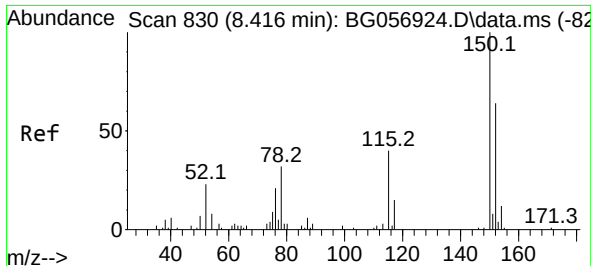
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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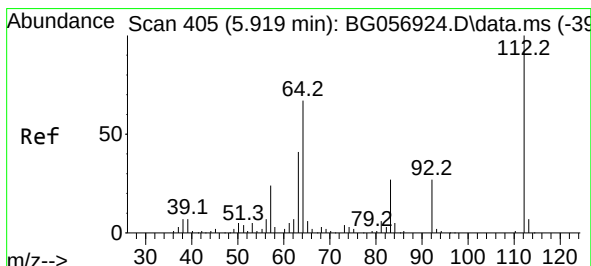
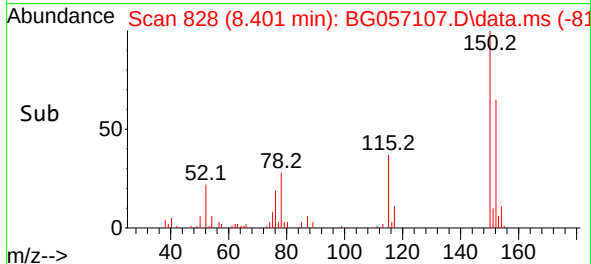
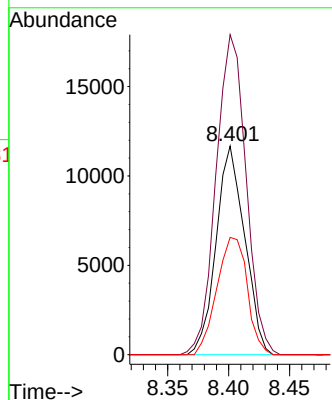
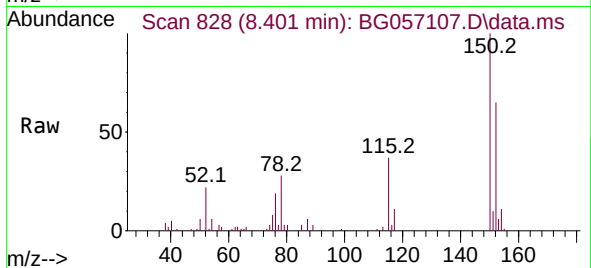




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.401 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

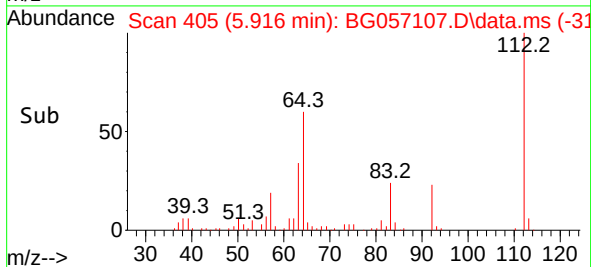
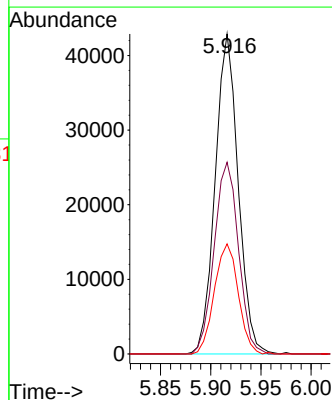
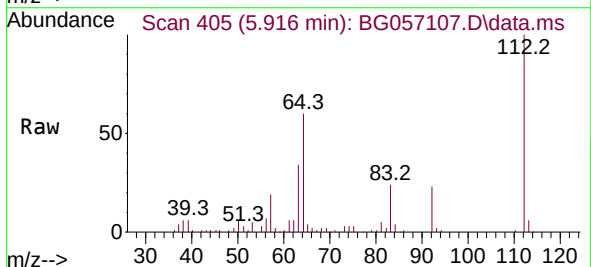
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

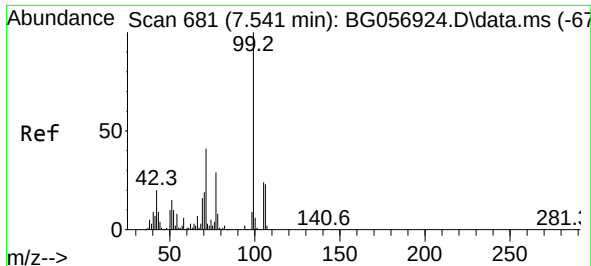
Tgt Ion:152 Resp: 19071
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 56.3 49.1 73.7



#5
2-Fluorophenol
Concen: 57.376 ng
RT: 5.916 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion:112 Resp: 68370
Ion Ratio Lower Upper
112 100
64 59.9 53.2 79.8
63 34.4 32.6 48.8

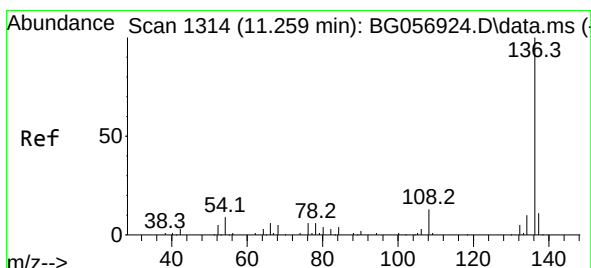
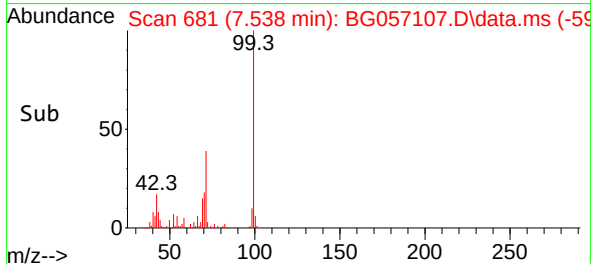
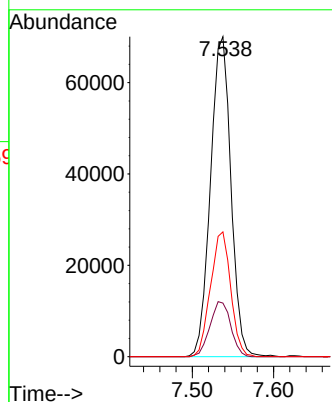
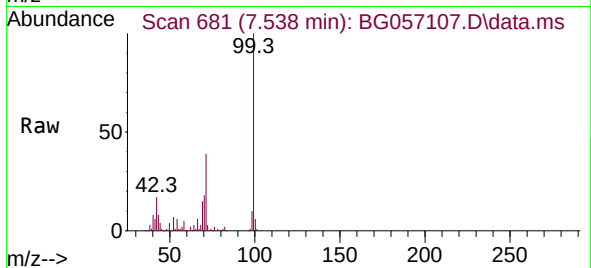




#7
Phenol-d6
Concen: 68.622 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

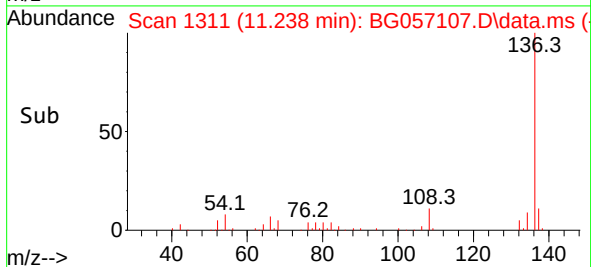
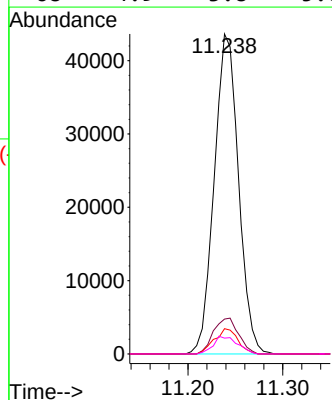
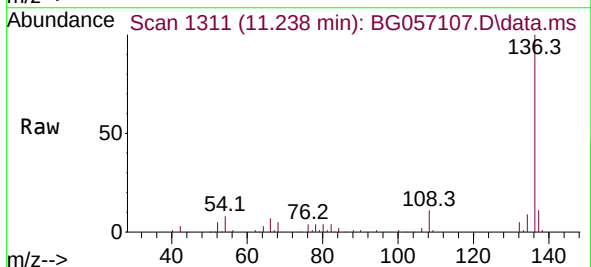
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

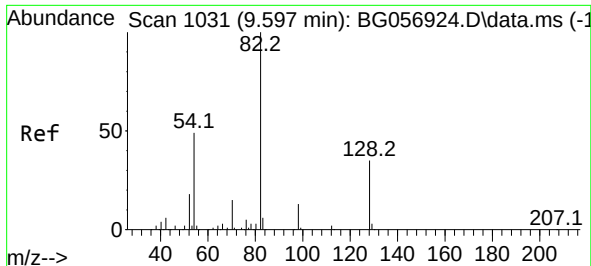
Tgt Ion: 99 Resp: 122297
Ion Ratio Lower Upper
99 100
42 16.8 15.7 23.5
71 39.0 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.238 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion: 136 Resp: 77636
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 6.9 10.3
68 4.9 3.8 5.6





#23

Nitrobenzene-d5

Concen: 48.578 ng

RT: 9.576 min Scan# 1028

Delta R.T. -0.010 min

Lab File: BG057107.D

Acq: 14 Apr 2023 19:55

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-2

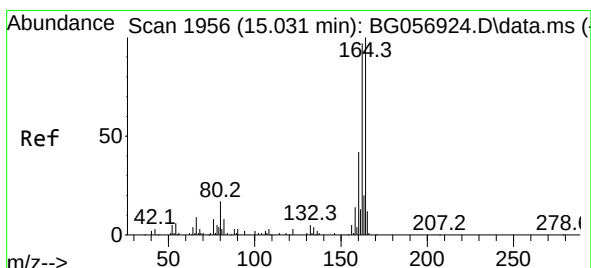
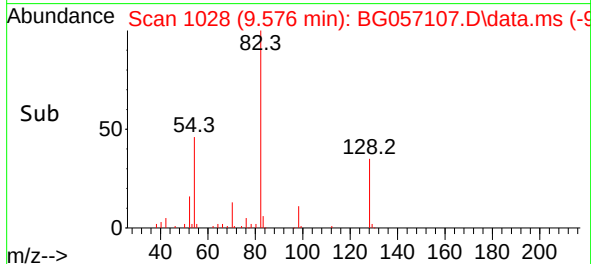
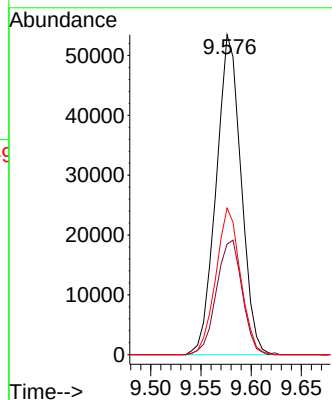
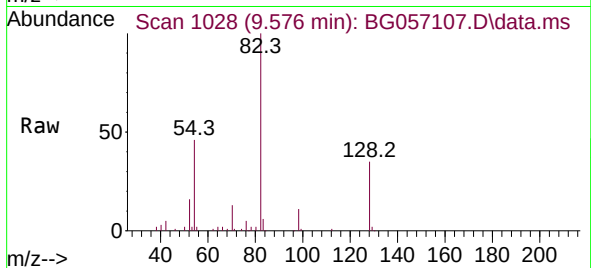
Tgt Ion: 82 Resp: 92171

Ion Ratio Lower Upper

82 100

128 34.6 27.9 41.9

54 45.8 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.010 min Scan# 1953

Delta R.T. -0.010 min

Lab File: BG057107.D

Acq: 14 Apr 2023 19:55

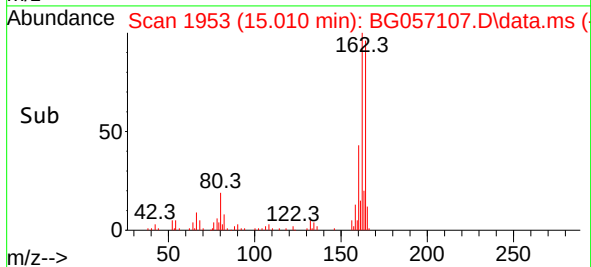
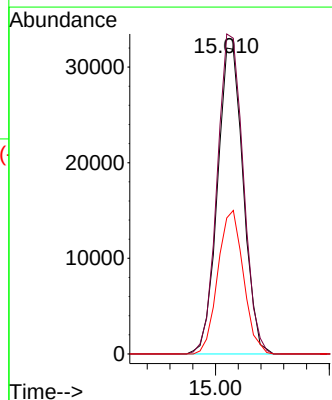
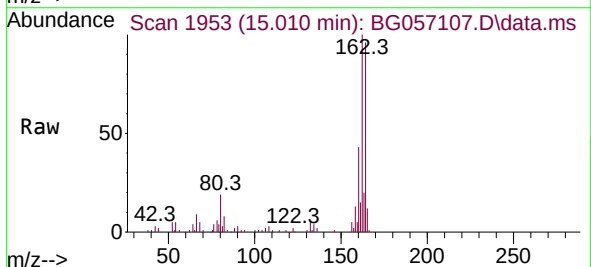
Tgt Ion: 164 Resp: 50545

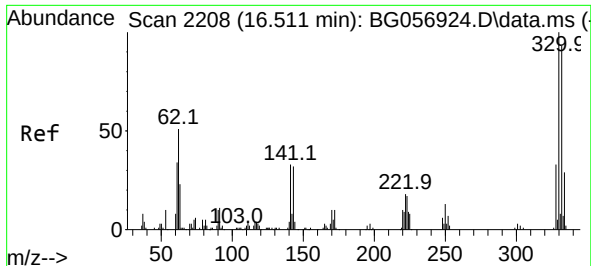
Ion Ratio Lower Upper

164 100

162 104.6 77.8 116.8

160 44.5 33.5 50.3

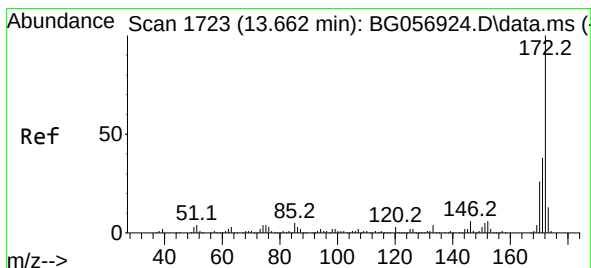
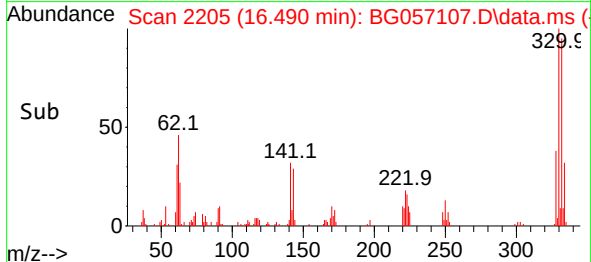
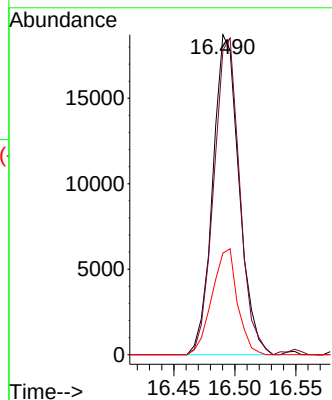
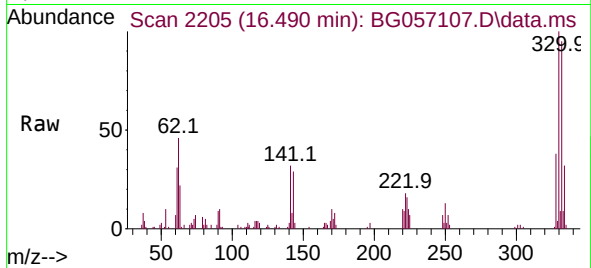




#42
 2,4,6-Tribromophenol
 Concen: 34.712 ng
 RT: 16.490 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG057107.D
 Acq: 14 Apr 2023 19:55

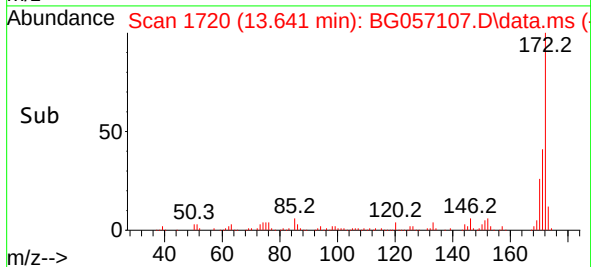
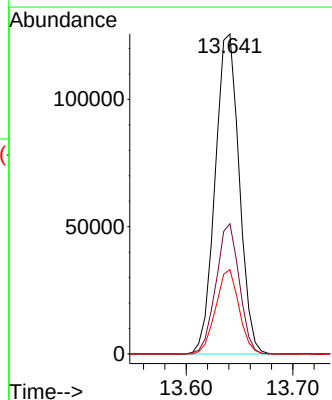
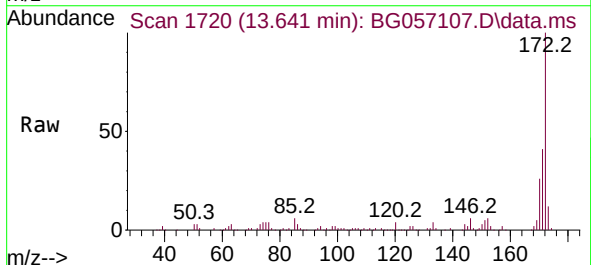
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-2

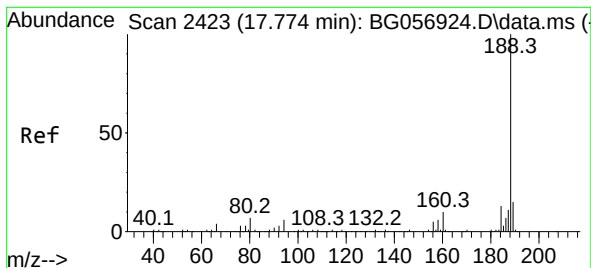
Tgt Ion:	330	Resp:	28029
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.1	114.1
141	31.9	25.8	38.6



#45
 2-Fluorobiphenyl
 Concen: 52.779 ng
 RT: 13.641 min Scan# 1720
 Delta R.T. -0.004 min
 Lab File: BG057107.D
 Acq: 14 Apr 2023 19:55

Tgt Ion:	172	Resp:	196734
Ion Ratio	Lower	Upper	
172	100		
171	40.7	30.6	46.0
170	26.3	20.6	30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.753 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG057107.D

Acq: 14 Apr 2023 19:55

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-2

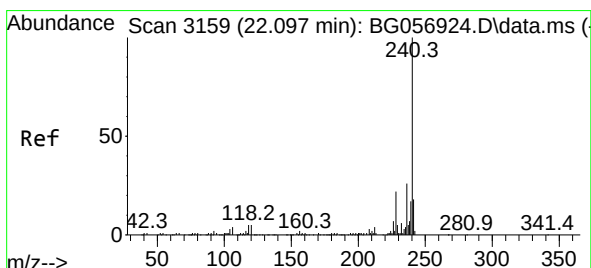
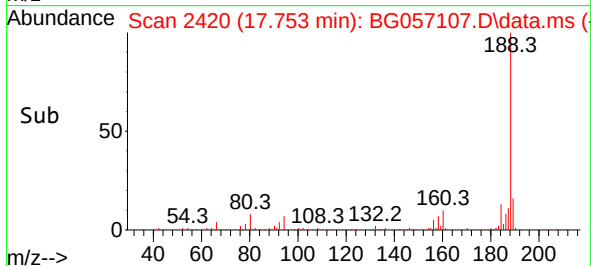
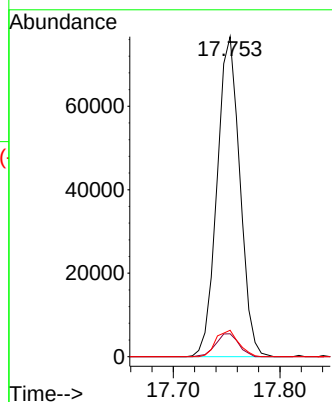
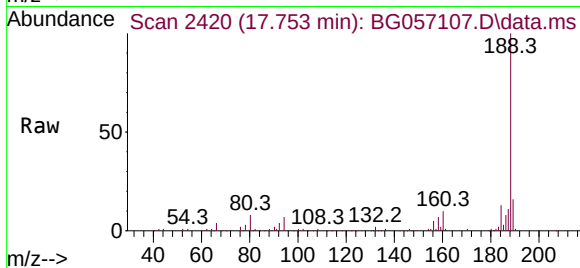
Tgt Ion:188 Resp: 113714

Ion Ratio Lower Upper

188 100

94 7.2 4.6 6.8#

80 8.2 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.065 min Scan# 3154

Delta R.T. -0.016 min

Lab File: BG057107.D

Acq: 14 Apr 2023 19:55

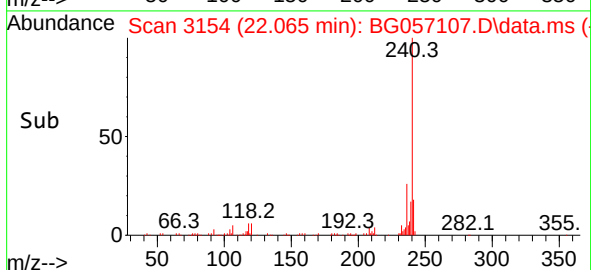
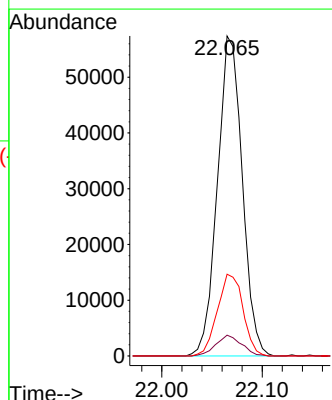
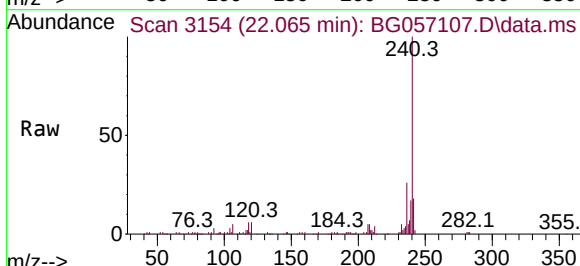
Tgt Ion:240 Resp: 98524

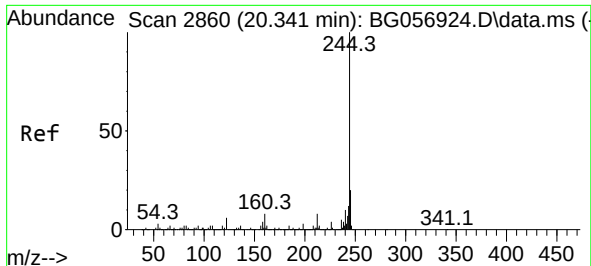
Ion Ratio Lower Upper

240 100

120 6.5 3.8 5.6#

236 25.5 21.0 31.6

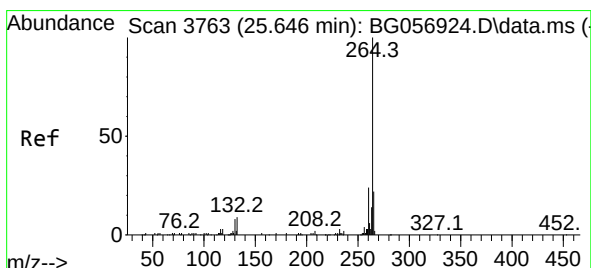
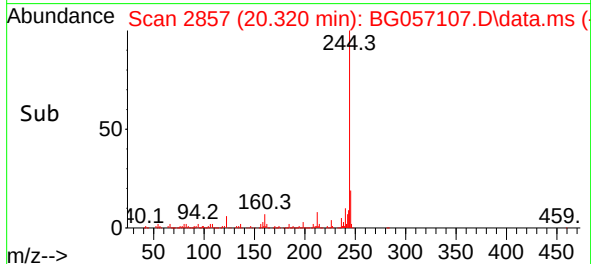
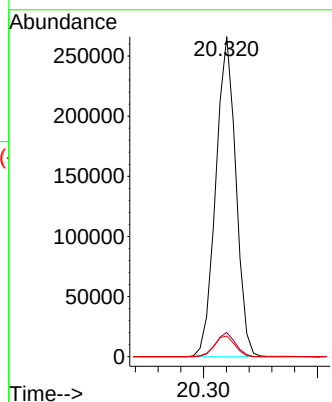
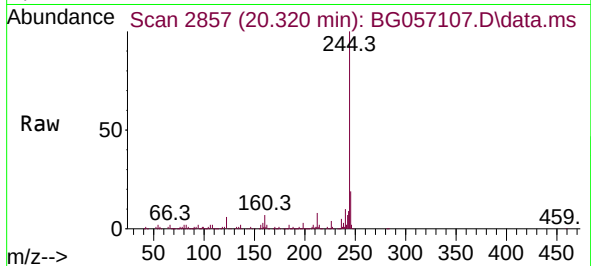




#79
 Terphenyl-d14
 Concen: 56.048 ng
 RT: 20.320 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057107.D
 Acq: 14 Apr 2023 19:55

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-2

Tgt Ion:244 Resp: 326332
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.601 min Scan# 3756
 Delta R.T. -0.010 min
 Lab File: BG057107.D
 Acq: 14 Apr 2023 19:55

Tgt Ion:264 Resp: 102804
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.5 17.8 26.6

