

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057088.D
 Acq On : 13 Apr 2023 19:20
 Operator : CG/JU
 Sample : 02292-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB1-041123

Quant Time: Apr 14 01:23:26 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	8.403	152	14526	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	57128	20.000	ng	0.00
39) Acenaphthene-d10	15.012	164	39370	20.000	ng	0.00
64) Phenanthrene-d10	17.749	188	98253	20.000	ng	-0.01
76) Chrysene-d12	22.067	240	91594	20.000	ng	#-0.01
86) Perylene-d12	25.603	264	97955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	86509	95.314	ng	0.00
7) Phenol-d6	7.533	99	121113	89.220	ng	0.00
23) Nitrobenzene-d5	9.578	82	78536	56.251	ng	0.00
42) 2,4,6-Tribromophenol	16.492	330	56263	89.456	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	164874	56.787	ng	0.00
79) Terphenyl-d14	20.322	244	317874	58.726	ng	0.00

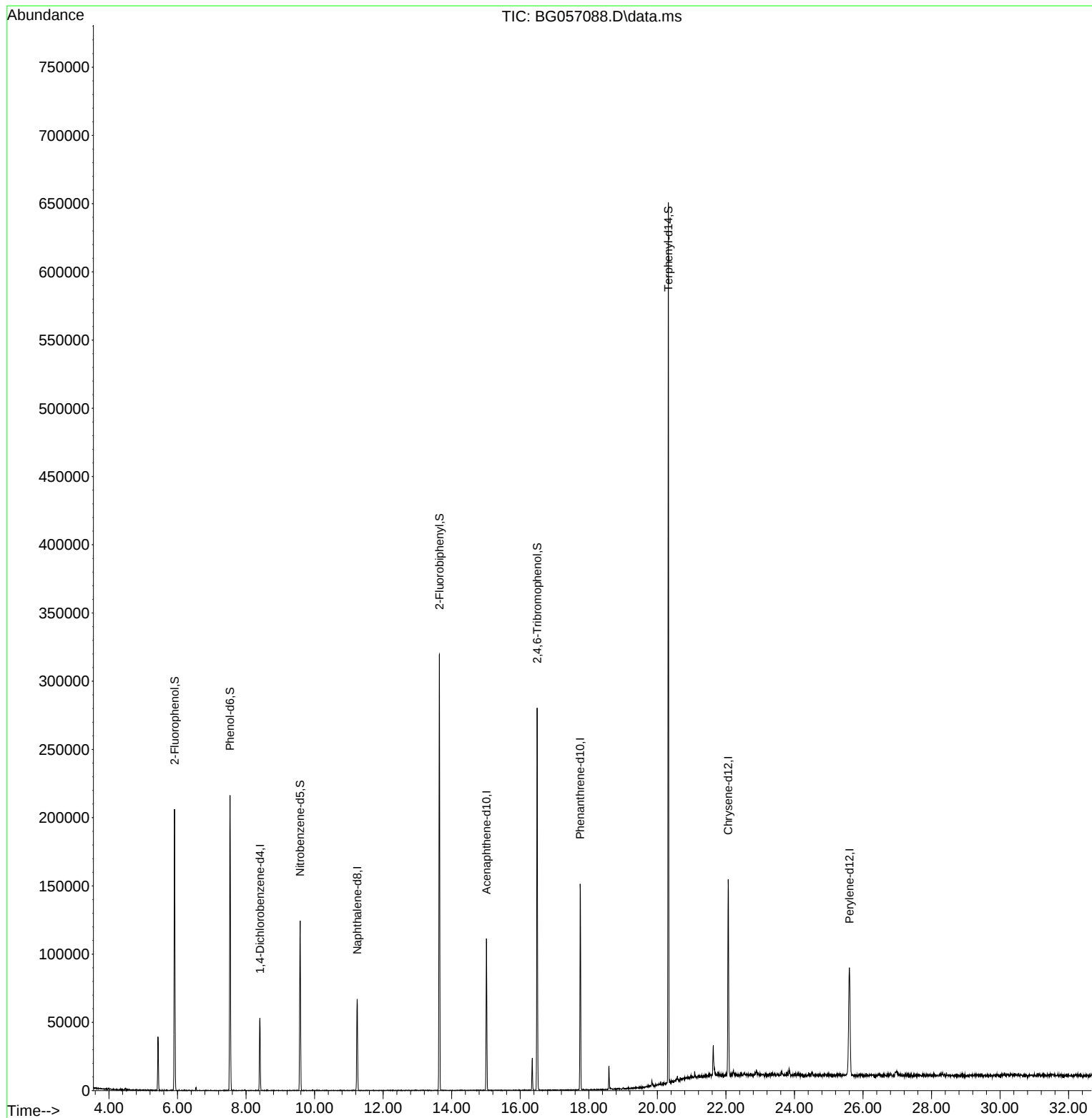
Target Compounds Qvalue

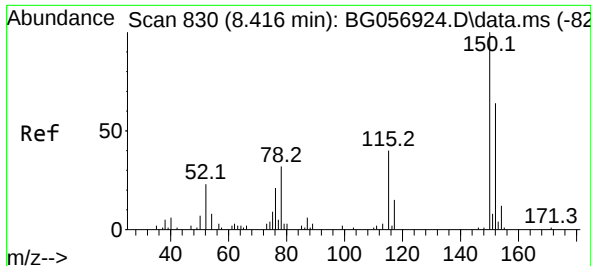
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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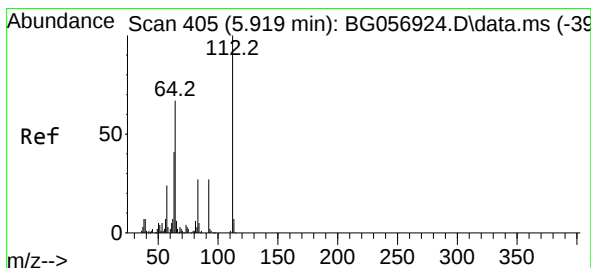
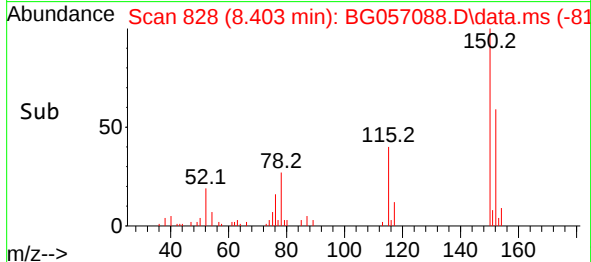
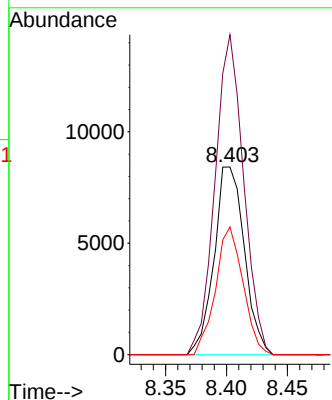
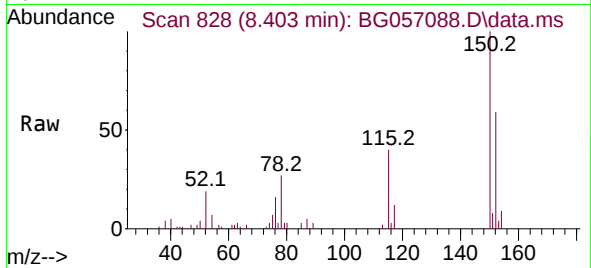




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.403 min Scan# 81
 Delta R.T. -0.008 min
 Lab File: BG057088.D
 Acq: 13 Apr 2023 19:20

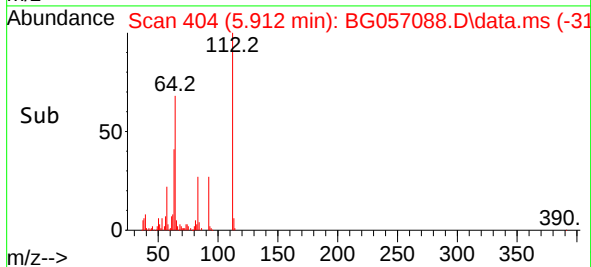
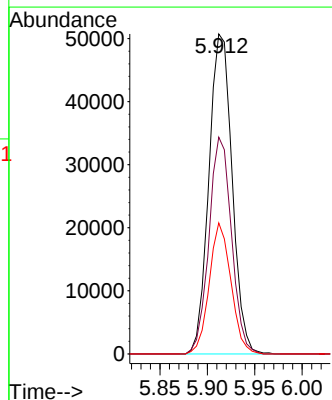
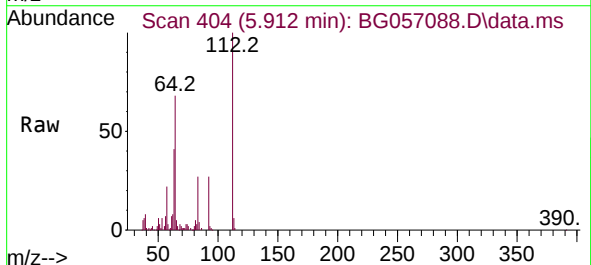
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB1-041123

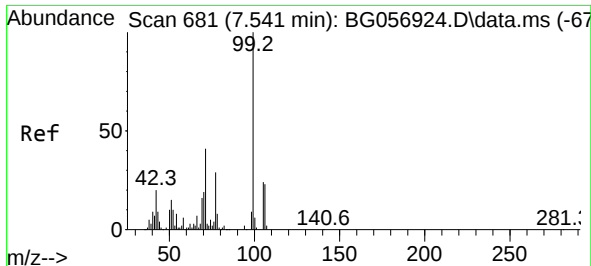
Tgt Ion:152 Resp: 14526
 Ion Ratio Lower Upper
 152 100
 150 170.6 124.1 186.1
 115 68.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 95.314 ng
 RT: 5.912 min Scan# 404
 Delta R.T. -0.002 min
 Lab File: BG057088.D
 Acq: 13 Apr 2023 19:20

Tgt Ion:112 Resp: 86509
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.2 79.8
 63 40.9 32.6 48.8

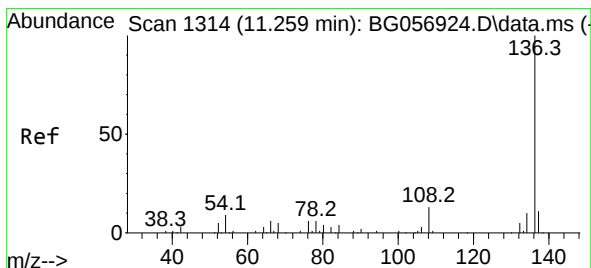
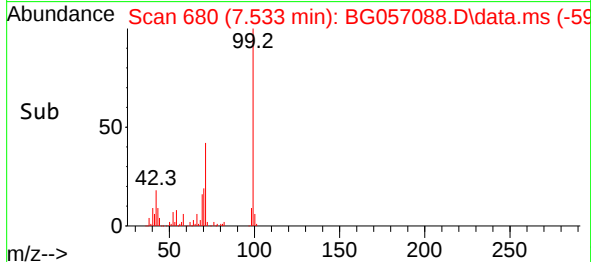
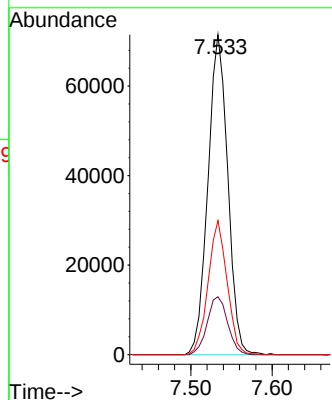
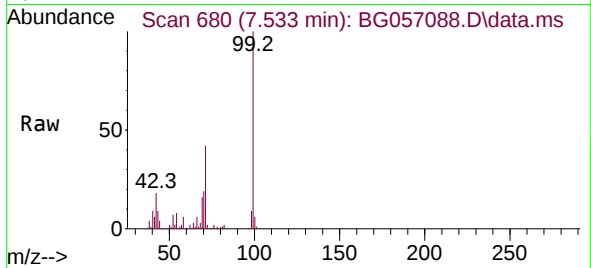




#7
Phenol-d6
Concen: 89.220 ng
RT: 7.533 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

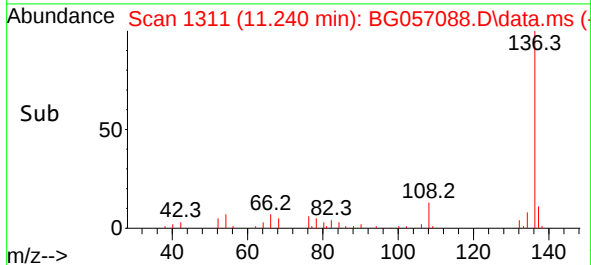
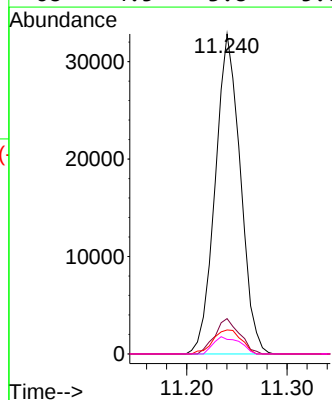
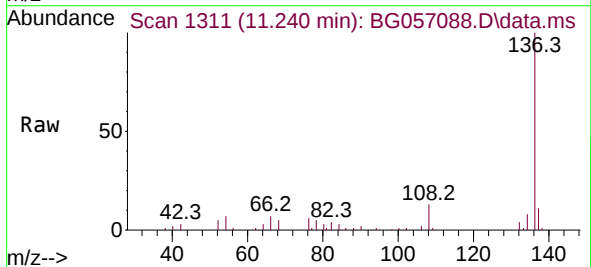
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

Tgt Ion: 99 Resp: 121113
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 41.9 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 1311
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion: 136 Resp: 57128
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.5 6.9 10.3
68 4.5 3.8 5.6





#23

Nitrobenzene-d5

Concen: 56.251 ng

RT: 9.578 min Scan# 1028

Delta R.T. -0.008 min

Lab File: BG057088.D

Acq: 13 Apr 2023 19:20

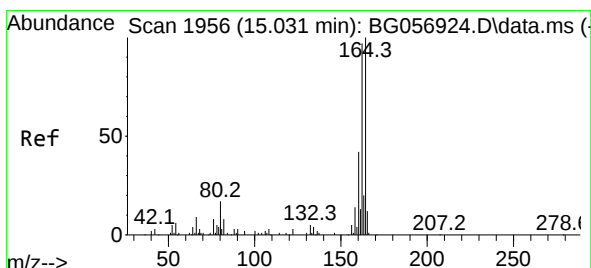
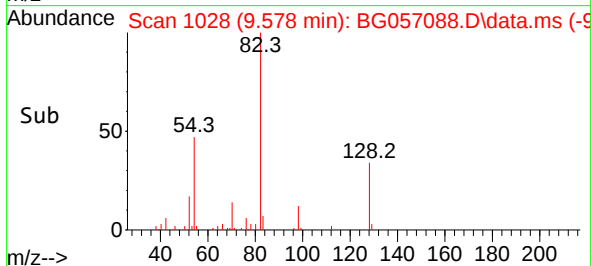
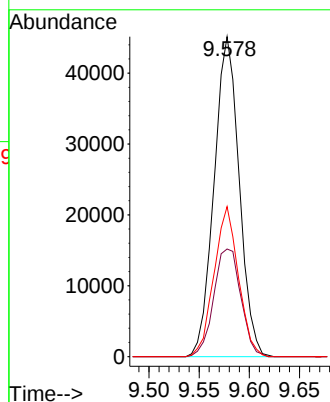
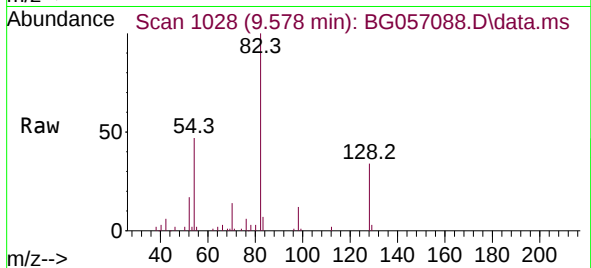
Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB1-041123

Tgt Ion:	82	Resp:	78536
Ion	Ratio	Lower	Upper
82	100		
128	33.6	27.9	41.9
54	46.9	39.4	59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

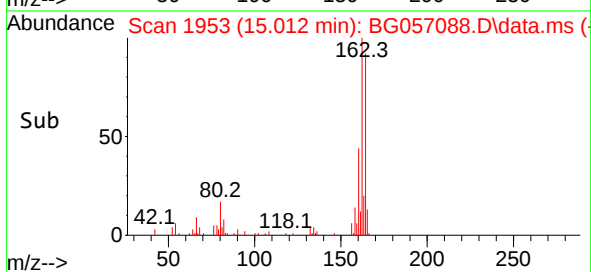
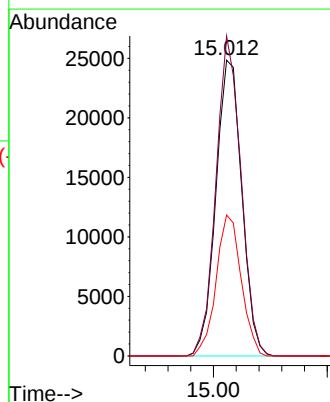
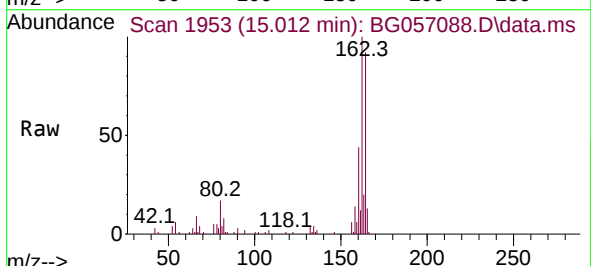
RT: 15.012 min Scan# 1953

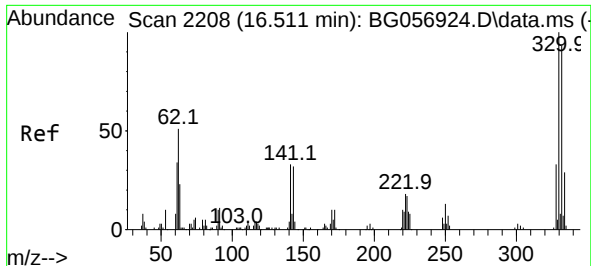
Delta R.T. -0.008 min

Lab File: BG057088.D

Acq: 13 Apr 2023 19:20

Tgt Ion:	164	Resp:	39370
Ion	Ratio	Lower	Upper
164	100		
162	108.2	77.8	116.8
160	47.6	33.5	50.3

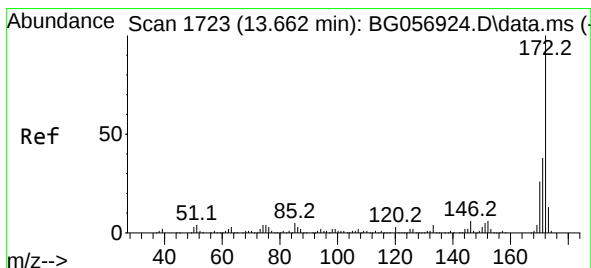
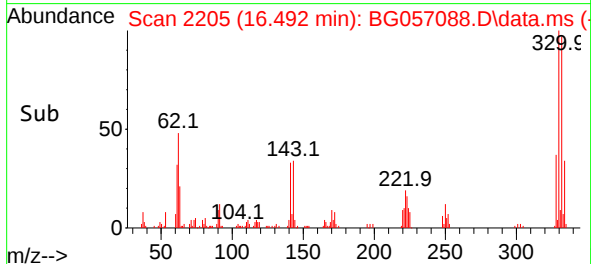
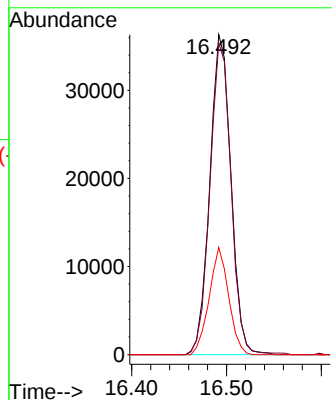
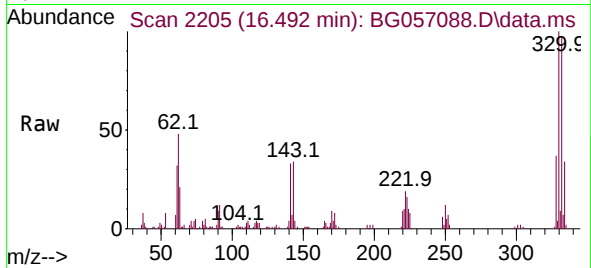




#42
2,4,6-Tribromophenol
Concen: 89.456 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

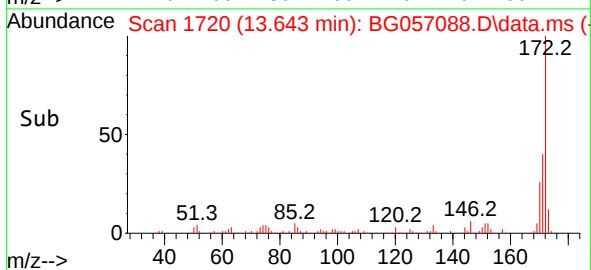
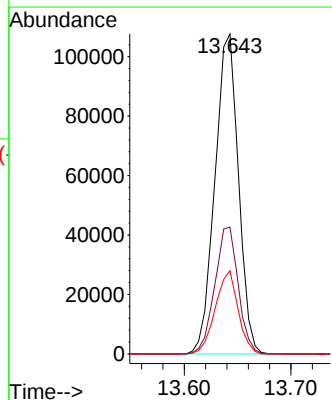
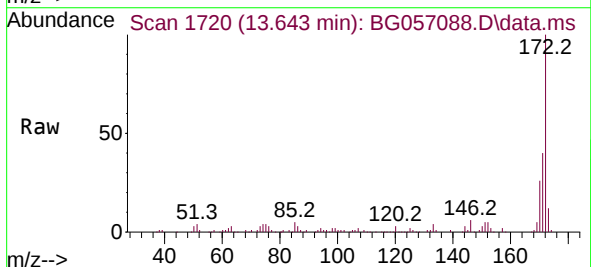
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

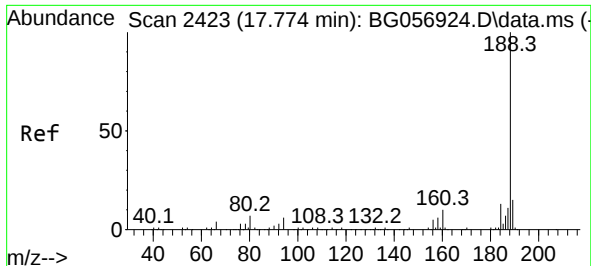
Tgt Ion:330 Resp: 56263
Ion Ratio Lower Upper
330 100
332 97.1 76.1 114.1
141 30.9 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 56.787 ng
RT: 13.643 min Scan# 1720
Delta R.T. -0.002 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion:172 Resp: 164874
Ion Ratio Lower Upper
172 100
171 39.6 30.6 46.0
170 26.0 20.6 30.8

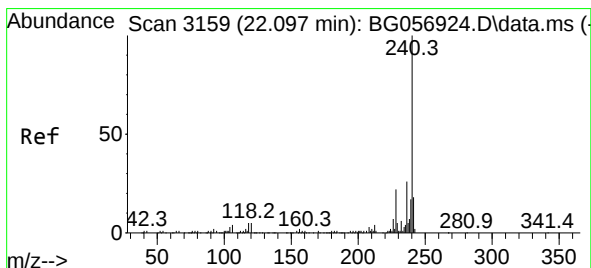
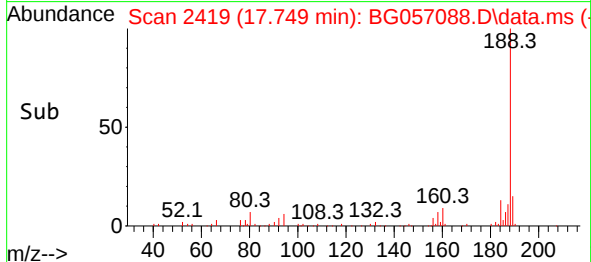
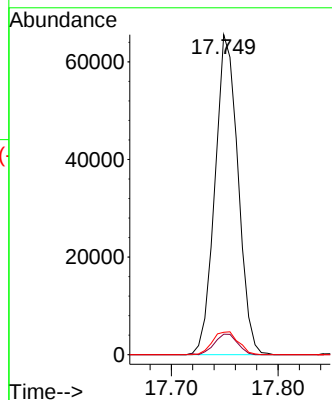
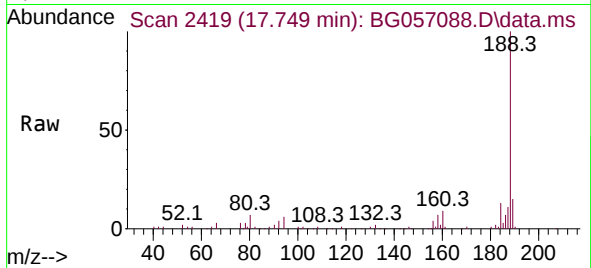




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.749 min Scan# 2419
Delta R.T. -0.014 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

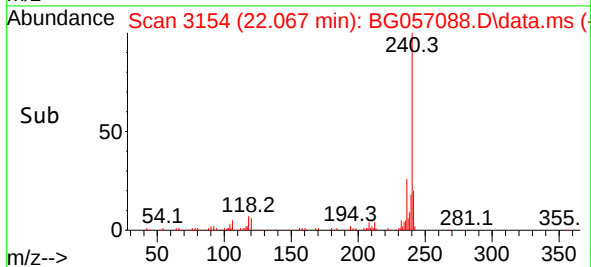
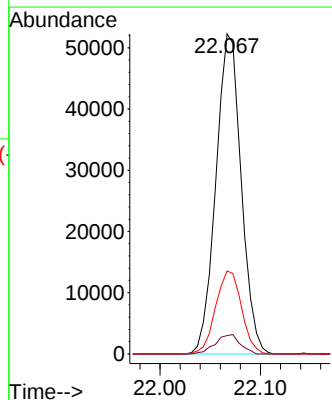
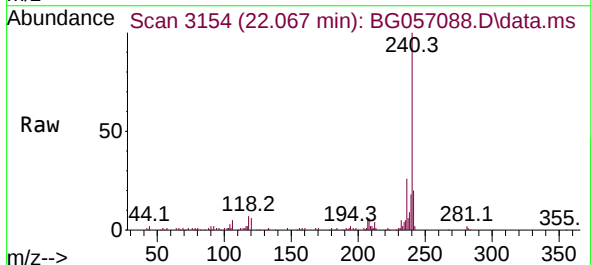
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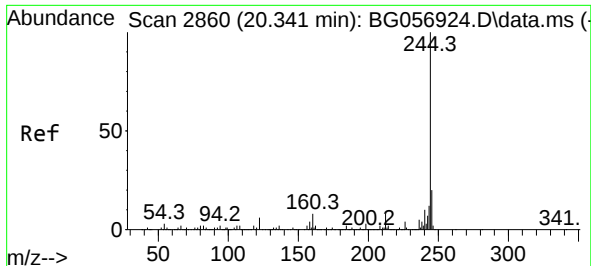
Tgt Ion:188 Resp: 98253
Ion Ratio Lower Upper
188 100
94 6.4 4.6 6.8
80 7.0 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.067 min Scan# 3154
Delta R.T. -0.014 min
Lab File: BG057088.D
Acq: 13 Apr 2023 19:20

Tgt Ion:240 Resp: 91594
Ion Ratio Lower Upper
240 100
120 5.7 3.8 5.6#
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 58.726 ng

RT: 20.322 min Scan# 2860

Delta R.T. -0.003 min

Lab File: BG057088.D

Acq: 13 Apr 2023 19:20

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB1-041123

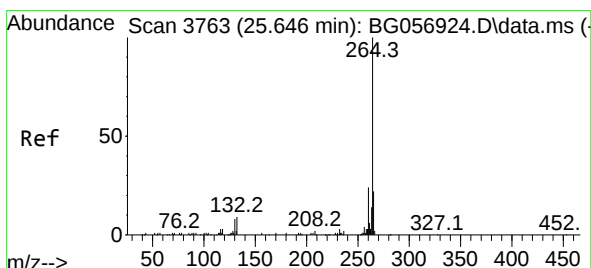
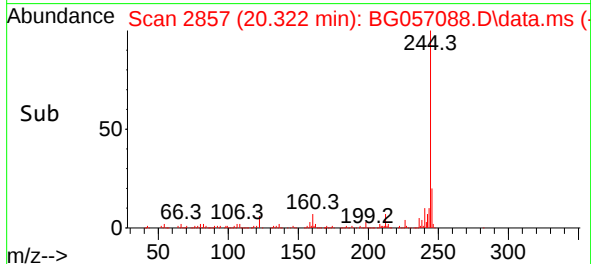
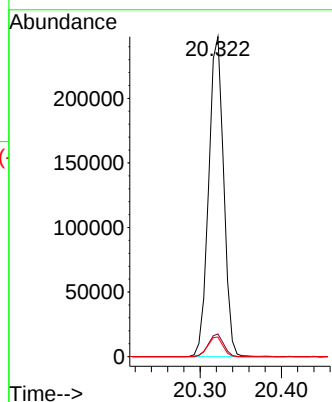
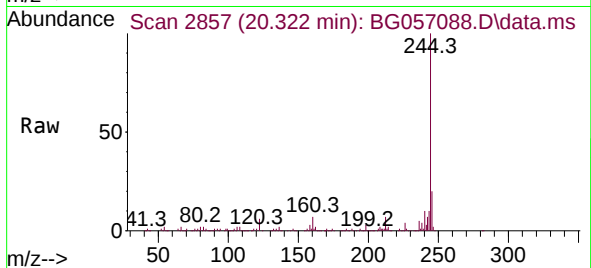
Tgt Ion:244 Resp: 317874

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.1 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.603 min Scan# 3756

Delta R.T. -0.008 min

Lab File: BG057088.D

Acq: 13 Apr 2023 19:20

Tgt Ion:264 Resp: 97955

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 22.2 17.8 26.6

