

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057084.D
 Acq On : 13 Apr 2023 16:21
 Operator : CG/JU
 Sample : PB151998TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151998TB

Quant Time: Apr 13 17:06:41 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	8.402	152	14172	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	60467	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	45823	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	127138	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	114146	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	117656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	137775	155.590	ng	0.00
7) Phenol-d6	7.538	99	192525	145.370	ng	0.00
23) Nitrobenzene-d5	9.583	82	123351	83.471	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	100834	137.744	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	292589	86.584	ng	0.00
79) Terphenyl-d14	20.327	244	640812	94.997	ng	0.00

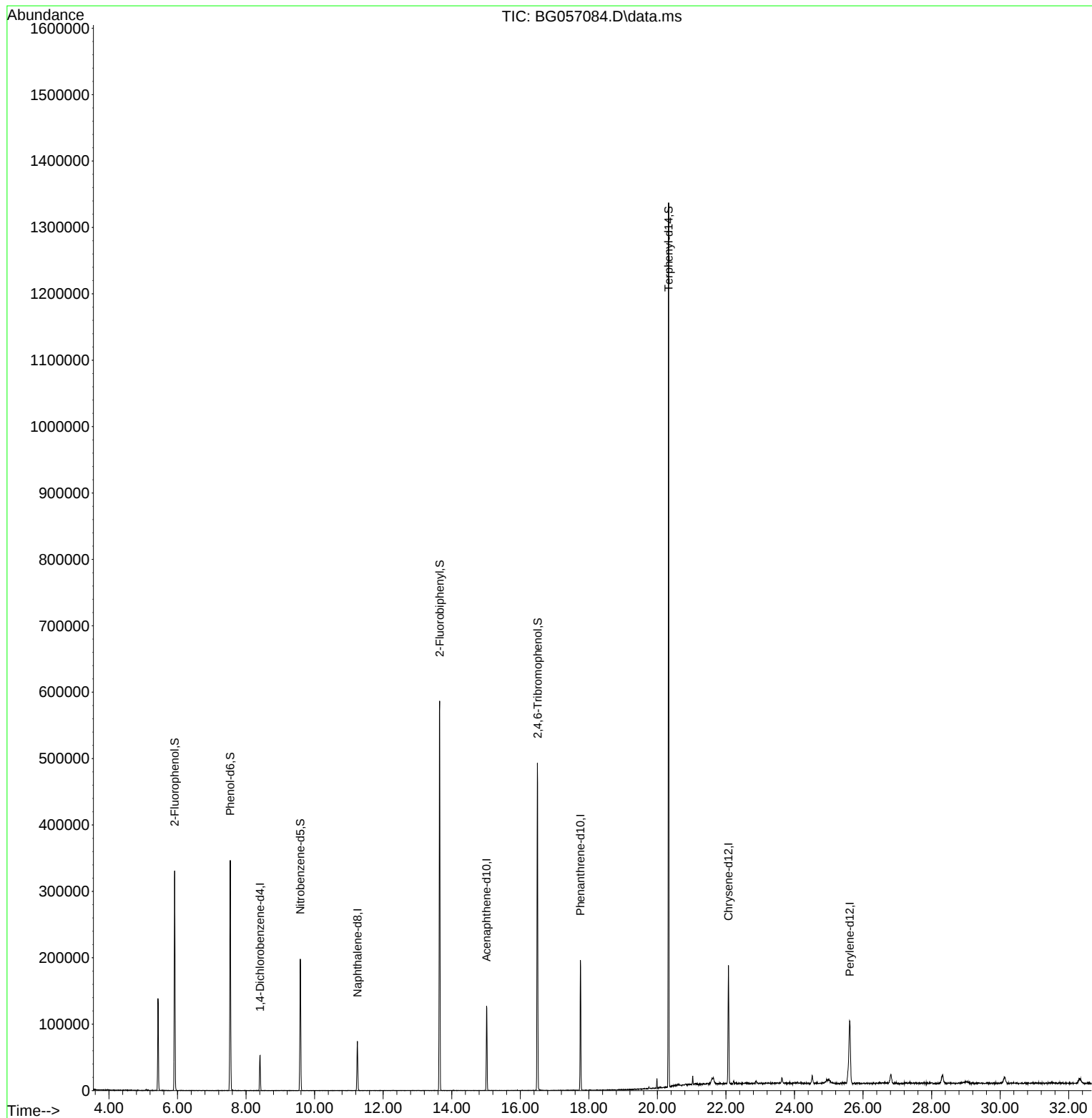
Target Compounds Qvalue

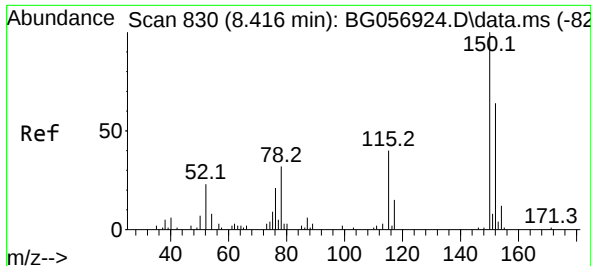
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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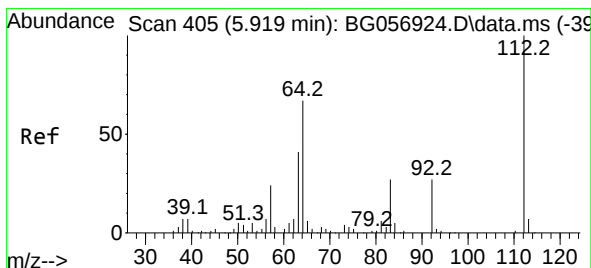
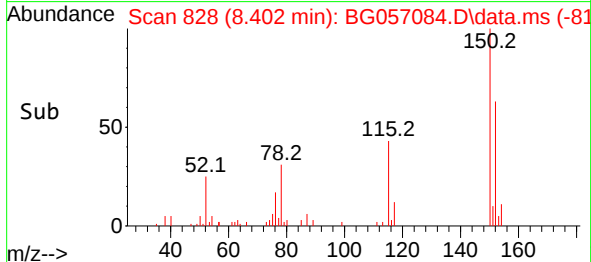
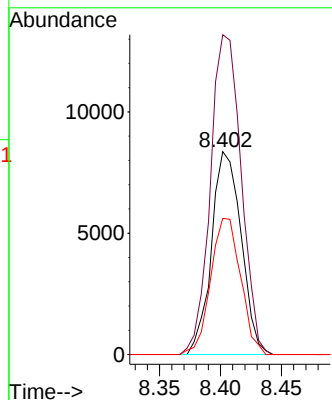
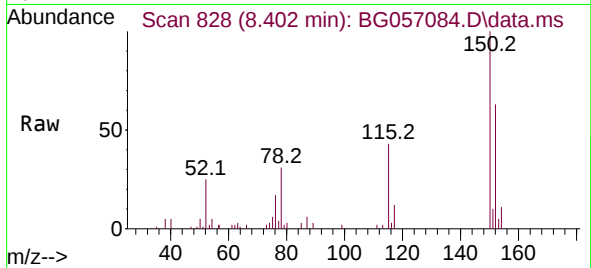




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

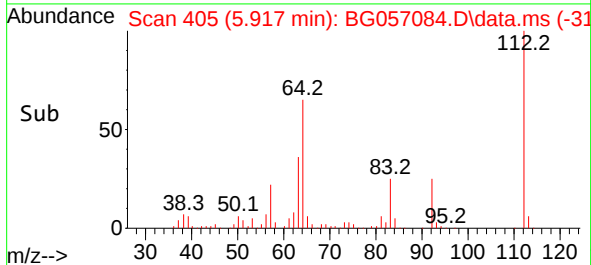
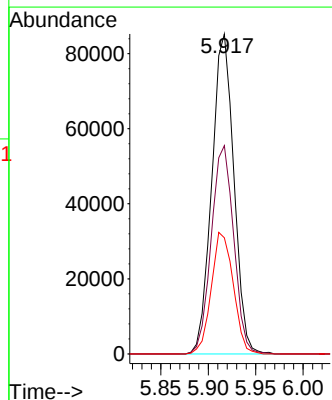
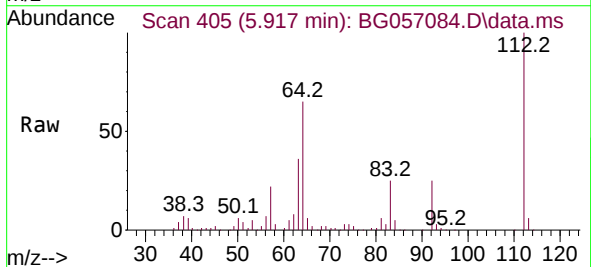
Instrument :
BNA_G
ClientSampleId :
PB151998TB

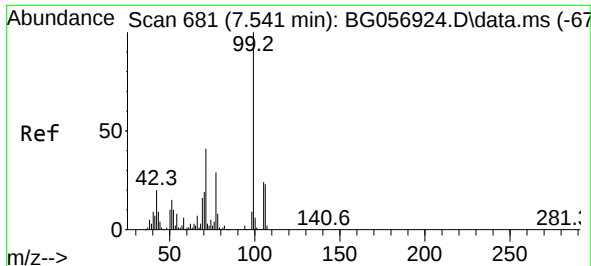
Tgt Ion:152 Resp: 14172
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 67.1 49.1 73.7



#5
2-Fluorophenol
Concen: 155.590 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion:112 Resp: 137775
Ion Ratio Lower Upper
112 100
64 65.1 53.2 79.8
63 36.3 32.6 48.8

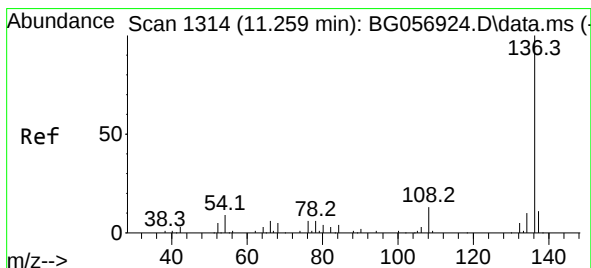
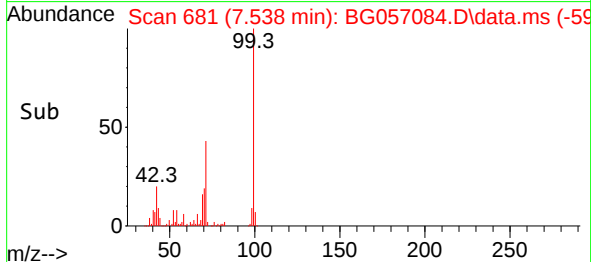
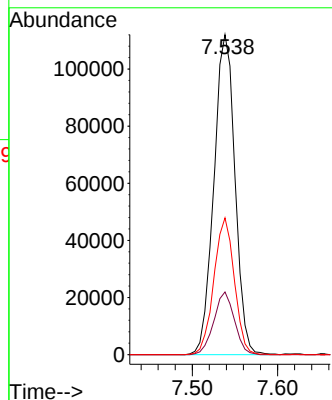
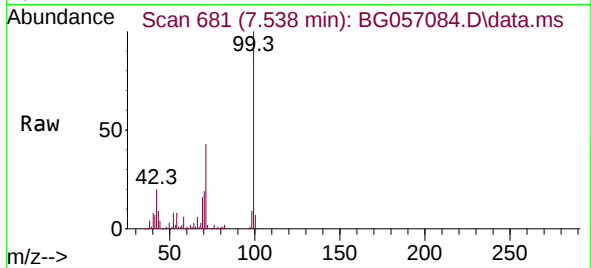




#7
Phenol-d6
Concen: 145.370 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

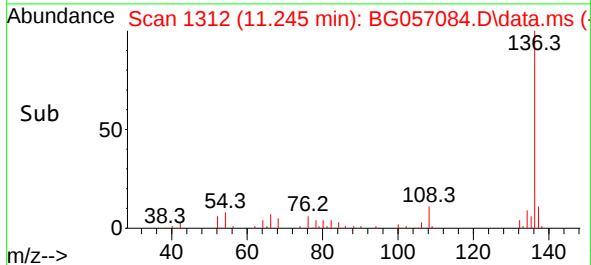
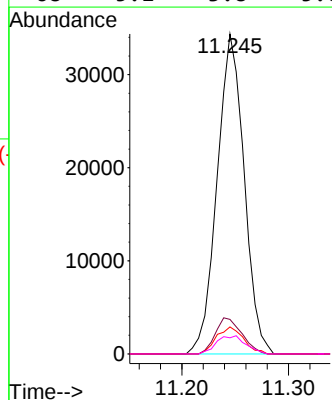
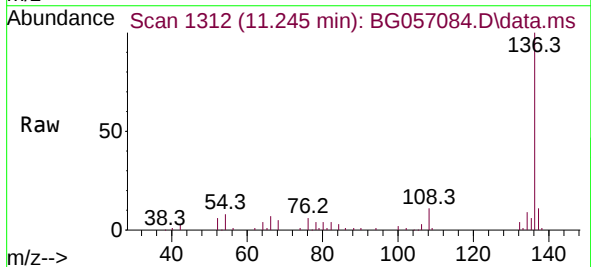
Instrument :
BNA_G
ClientSampleId :
PB151998TB

Tgt Ion: 99 Resp: 192525
Ion Ratio Lower Upper
99 100
42 19.6 15.7 23.5
71 42.7 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion: 136 Resp: 60467
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.9 10.3
68 5.1 3.8 5.6





#23
Nitrobenzene-d5
Concen: 83.471 ng
RT: 9.583 min Scan# 1031
Delta R.T. -0.003 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

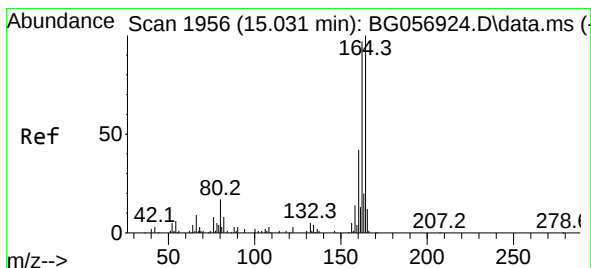
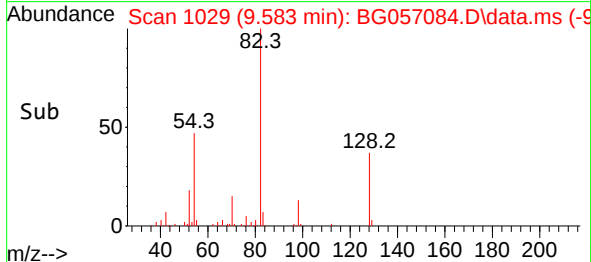
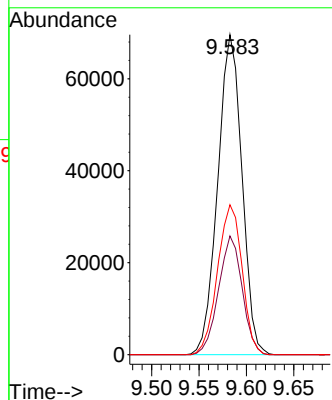
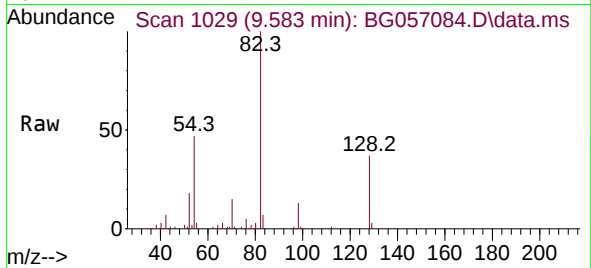
Instrument :

BNA_G

ClientSampleId :

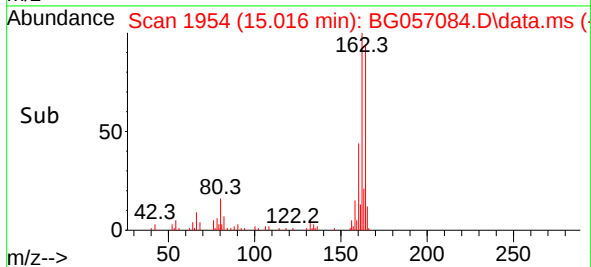
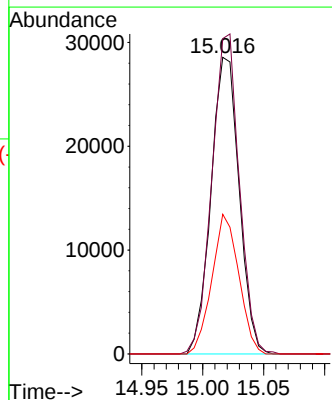
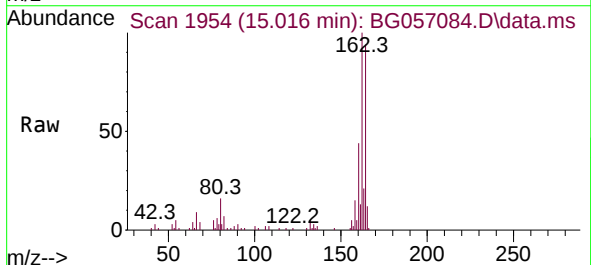
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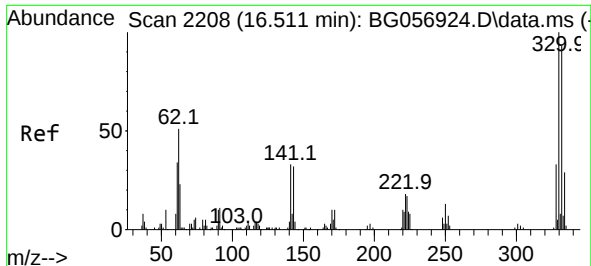
Tgt Ion: 82 Resp: 123351
Ion Ratio Lower Upper
82 100
128 37.1 27.9 41.9
54 46.8 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion:164 Resp: 45823
Ion Ratio Lower Upper
164 100
162 106.3 77.8 116.8
160 47.1 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 137.744 ng

RT: 16.503 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057084.D

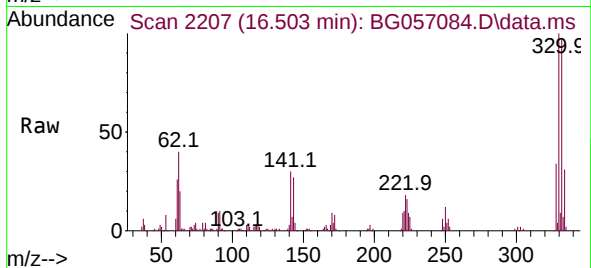
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Instrument :

BNA_G

ClientSampleId :

PB151998TB



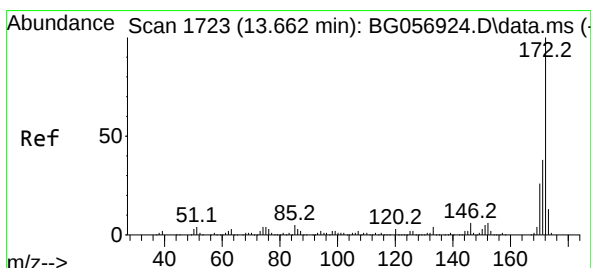
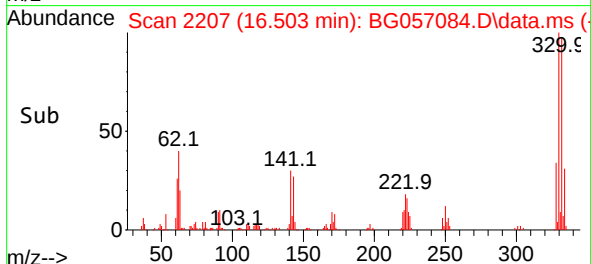
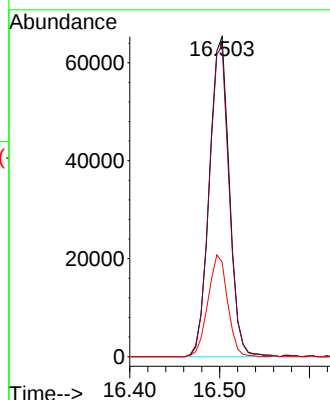
Tgt Ion:330 Resp: 100834

Ion Ratio Lower Upper

330 100

332 97.9 76.1 114.1

141 31.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 86.584 ng

RT: 13.648 min Scan# 1721

Delta R.T. 0.002 min

Lab File: BG057084.D

Acq: 13 Apr 2023 16:21

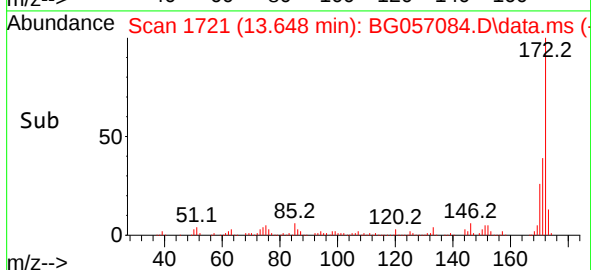
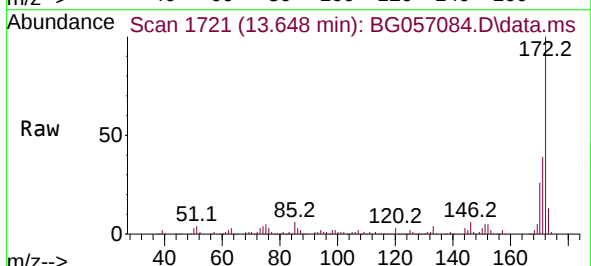
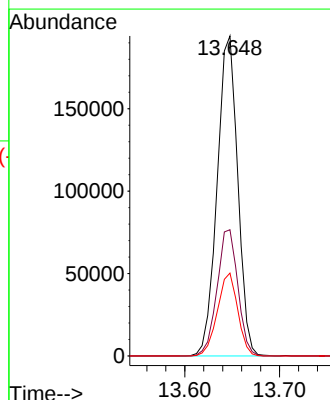
Tgt Ion:172 Resp: 292589

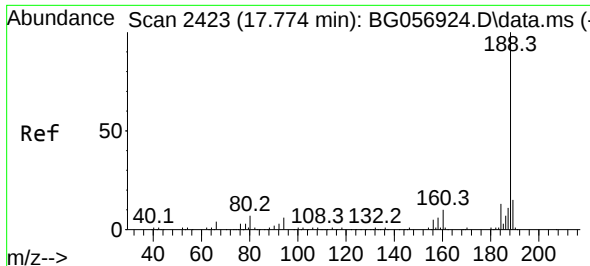
Ion Ratio Lower Upper

172 100

171 39.4 30.6 46.0

170 25.9 20.6 30.8

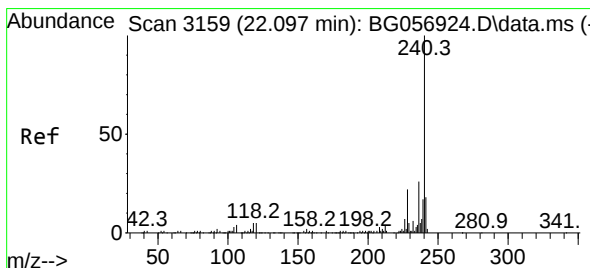
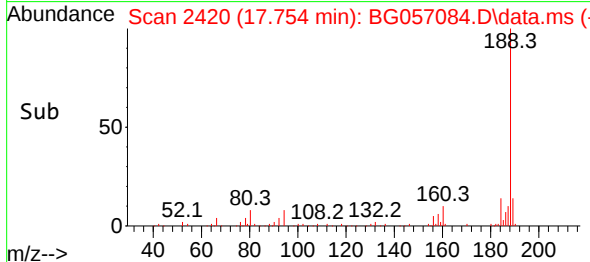
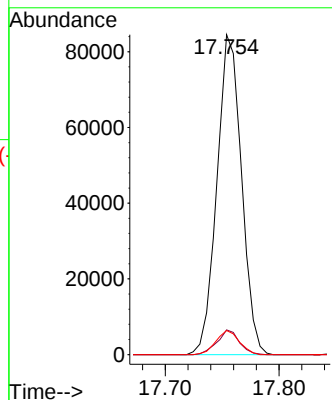
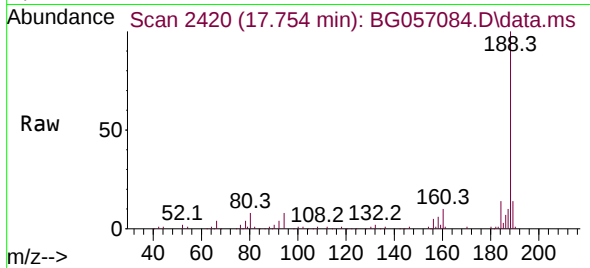




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

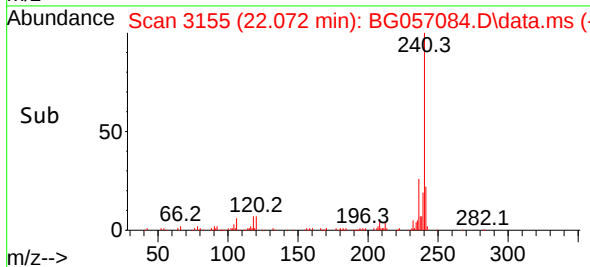
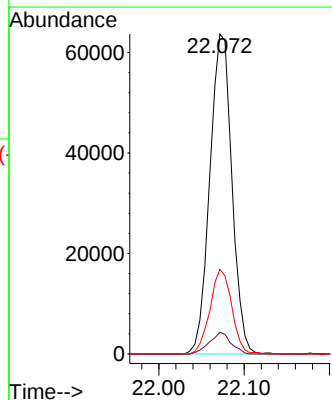
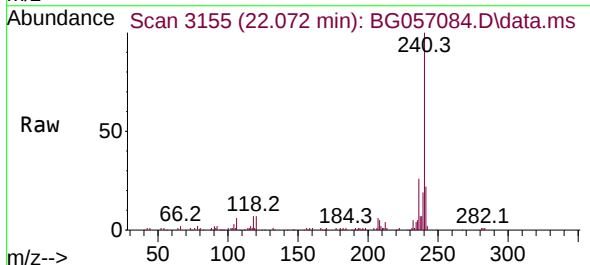
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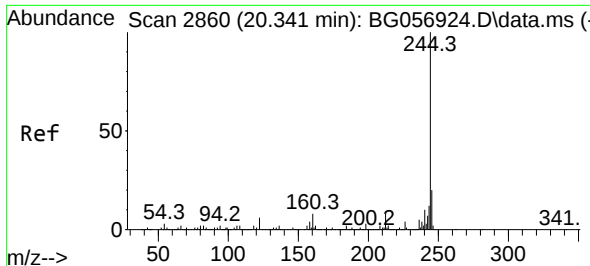
Tgt Ion:188 Resp: 127138
Ion Ratio Lower Upper
188 100
94 7.7 4.6 6.8#
80 7.5 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion:240 Resp: 114146
Ion Ratio Lower Upper
240 100
120 6.8 3.8 5.6#
236 26.4 21.0 31.6

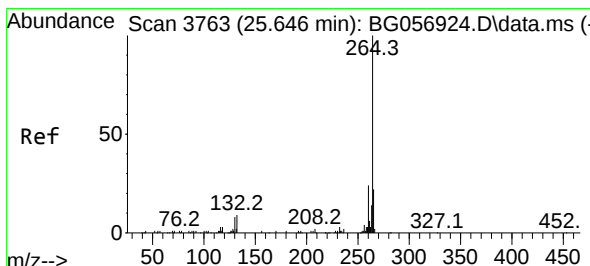
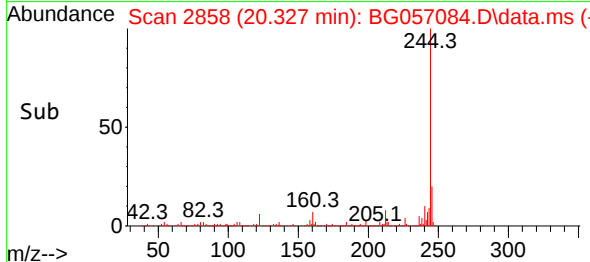
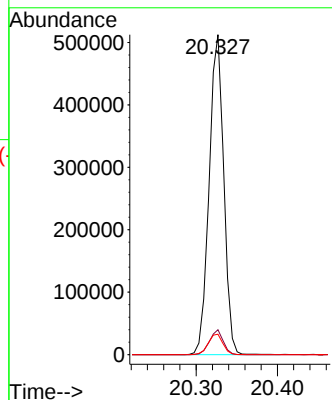
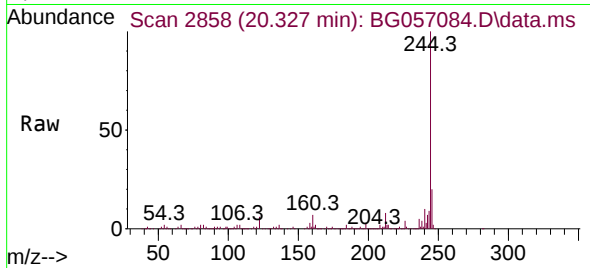




#79
 Terphenyl-d14
 Concen: 94.997 ng
 RT: 20.327 min Scan# 2858
 Delta R.T. 0.002 min
 Lab File: BG057084.D
 Acq: 13 Apr 2023 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB151998TB

Tgt Ion:244 Resp: 640812
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.608 min Scan# 3757
 Delta R.T. -0.003 min
 Lab File: BG057084.D
 Acq: 13 Apr 2023 16:21

Tgt Ion:264 Resp: 117656
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 20.7 17.8 26.6

