

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057426.D
 Acq On : 13 May 2023 4:01
 Operator : CG/JU
 Sample : PB152629BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152629BL

Quant Time: May 13 04:53:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	14494	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	58725	20.000	ng	# 0.00
39) Acenaphthene-d10	14.976	164	47849	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	133157	20.000	ng	0.00
76) Chrysene-d12	22.025	240	123274	20.000	ng	0.00
86) Perylene-d12	25.526	264	129836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	132929	156.885	ng	0.00
7) Phenol-d6	7.504	99	193305	150.238	ng	0.00
23) Nitrobenzene-d5	9.542	82	120727	86.284	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	112897	166.287	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	330732	93.091	ng	0.00
79) Terphenyl-d14	20.286	244	741947	98.220	ng	0.00

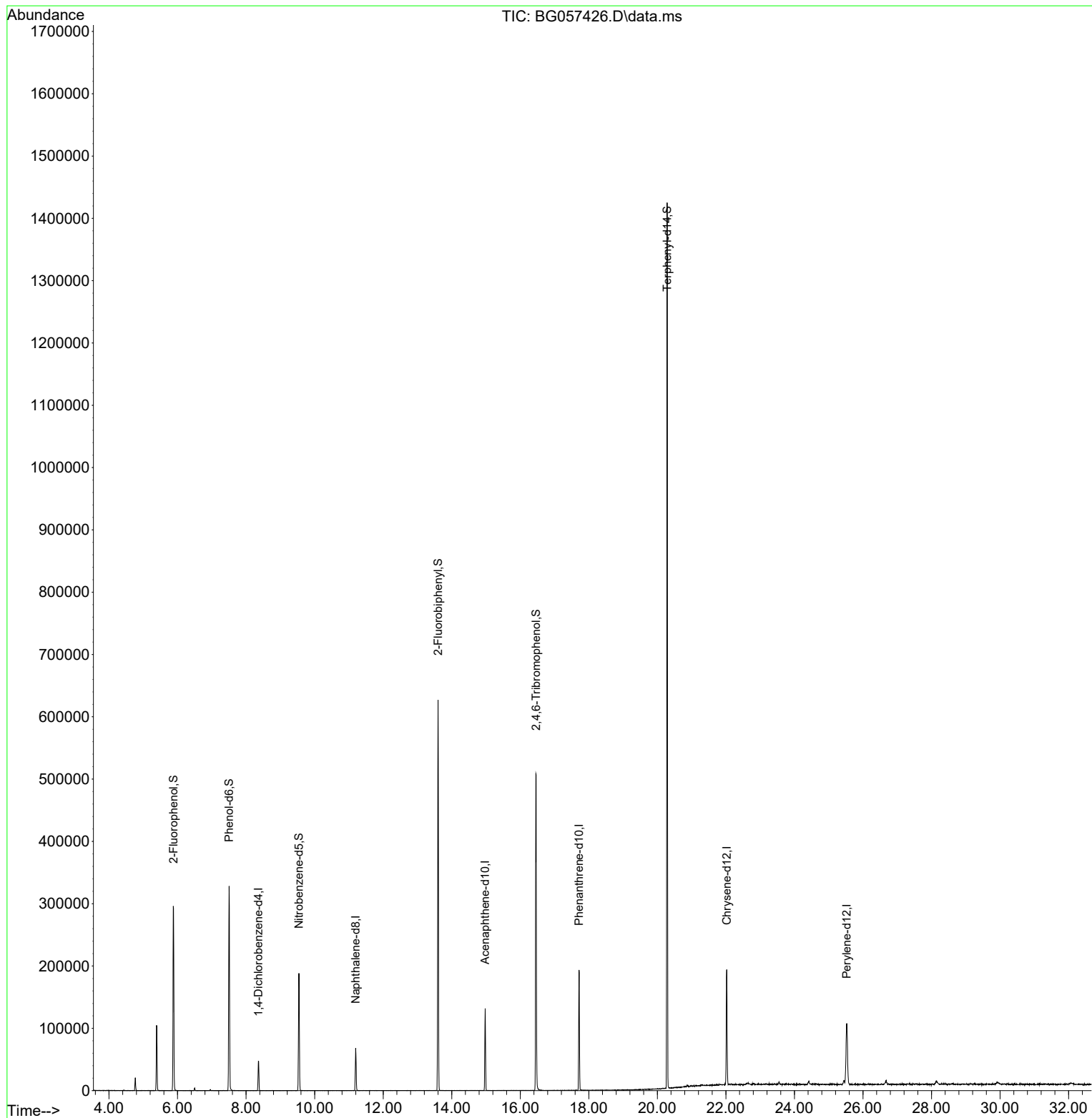
Target Compounds	Qvalue

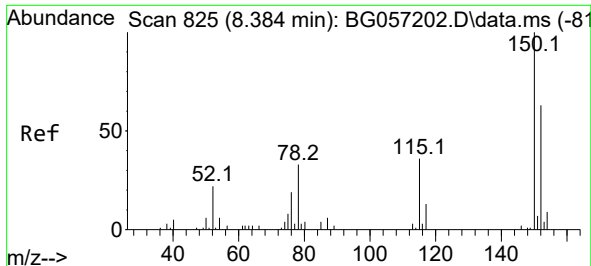
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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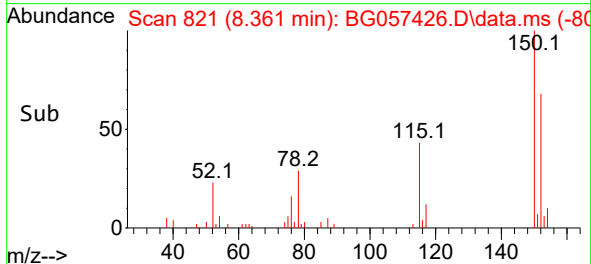
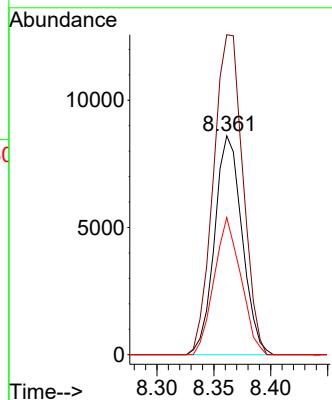
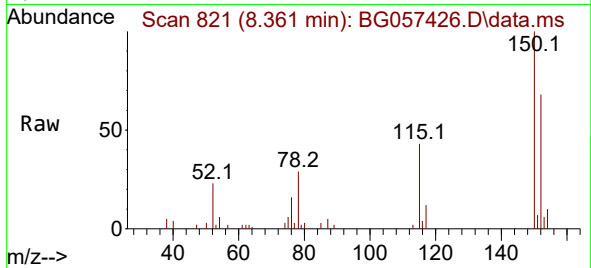




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

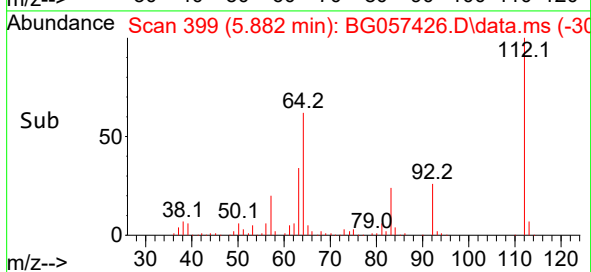
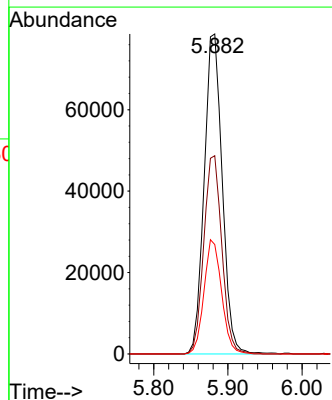
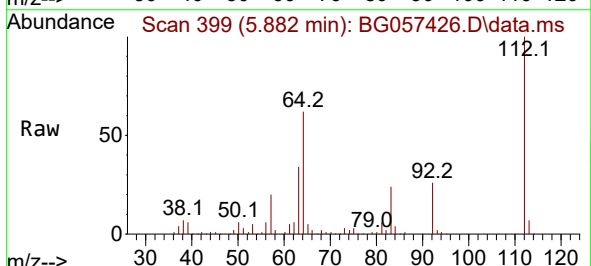
Instrument :
BNA_G
ClientSampleId :
PB152629BL

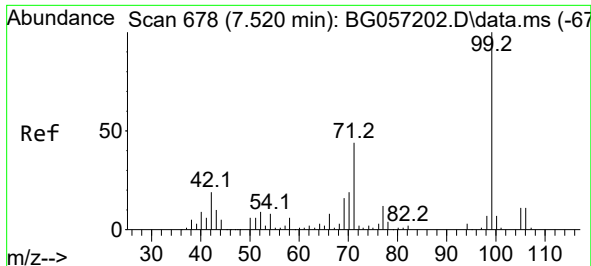
Tgt Ion:152 Resp: 14494
Ion Ratio Lower Upper
152 100
150 146.2 126.2 189.4
115 62.7 45.0 67.4



#5
2-Fluorophenol
Concen: 156.885 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.004 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:112 Resp: 132929
Ion Ratio Lower Upper
112 100
64 61.9 49.4 74.2
63 34.2 31.6 47.4

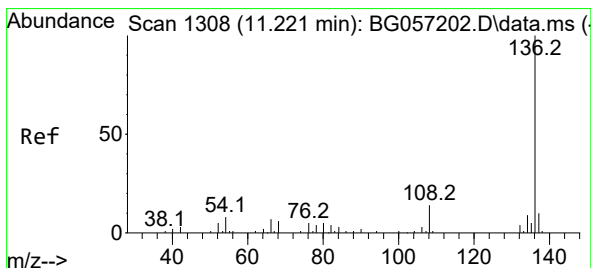
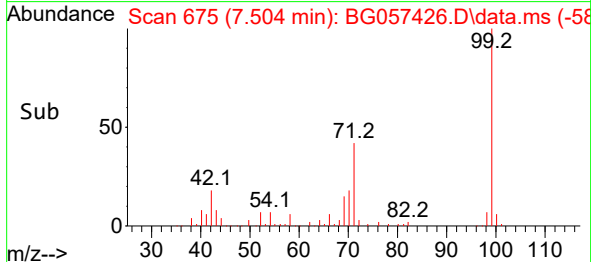
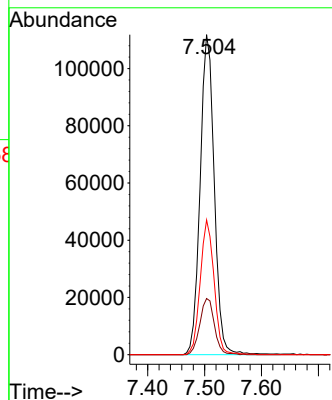
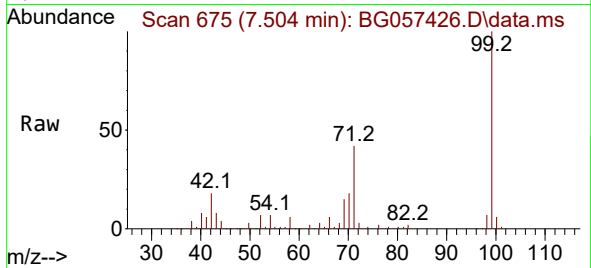




#7
Phenol-d6
Concen: 150.238 ng
RT: 7.504 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

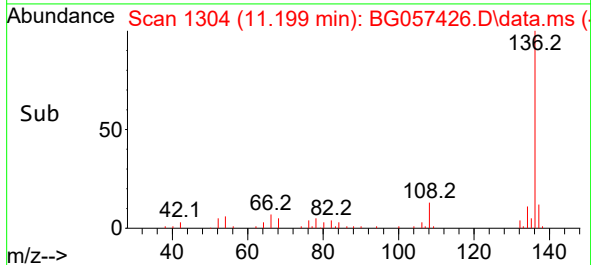
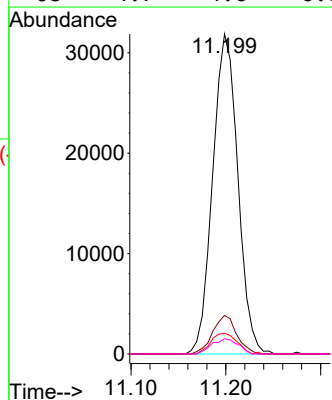
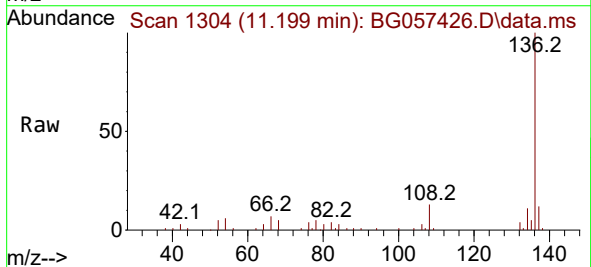
Instrument :
BNA_G
ClientSampleId :
PB152629BL

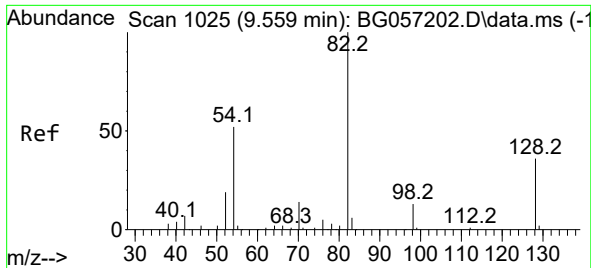
Tgt Ion: 99 Resp: 193305
Ion Ratio Lower Upper
99 100
42 17.6 15.1 22.7
71 42.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 1304
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion: 136 Resp: 58725
Ion Ratio Lower Upper
136 100
137 12.1 8.3 12.5
54 6.4 6.7 10.1#
68 4.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.284 ng

RT: 9.542 min Scan# 1022

Delta R.T. -0.002 min

Lab File: BG057426.D

Acq: 13 May 2023 4:01

Instrument :

BNA_G

ClientSampleId :

PB152629BL

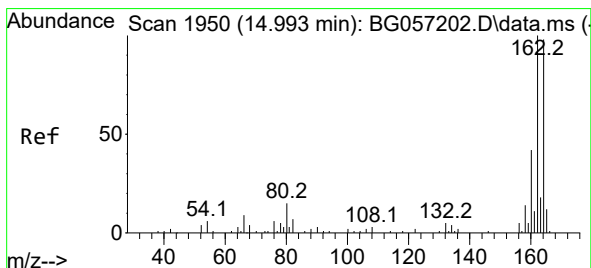
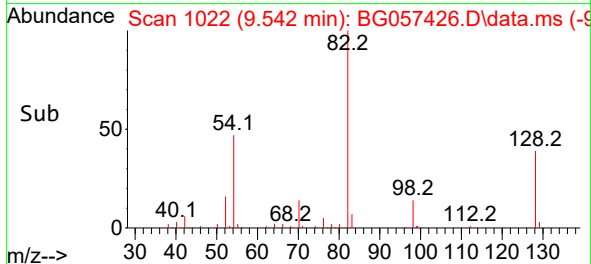
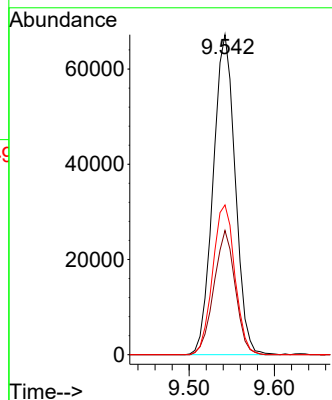
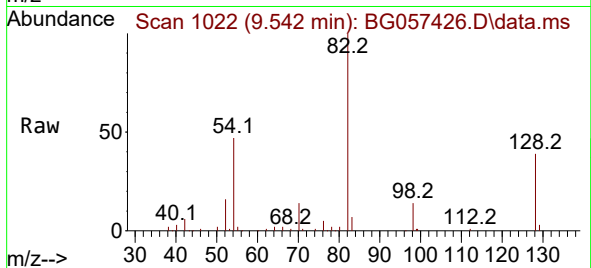
Tgt Ion: 82 Resp: 120727

Ion Ratio Lower Upper

82 100

128 38.8 29.0 43.4

54 46.8 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.976 min Scan# 1947

Delta R.T. -0.002 min

Lab File: BG057426.D

Acq: 13 May 2023 4:01

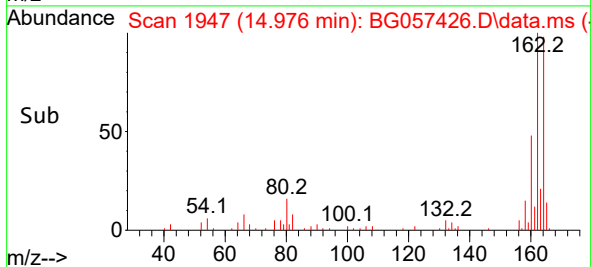
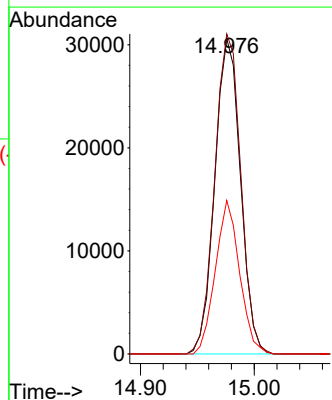
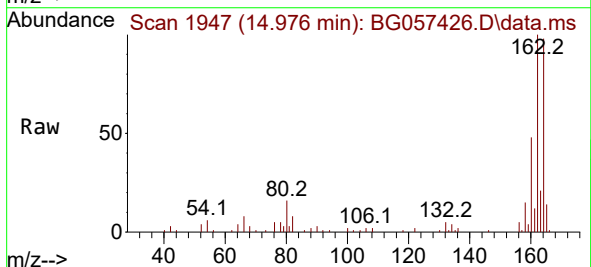
Tgt Ion:164 Resp: 47849

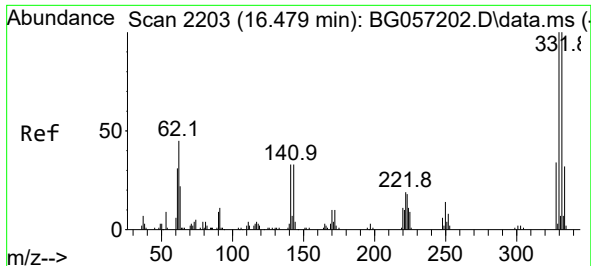
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 48.7 34.6 52.0

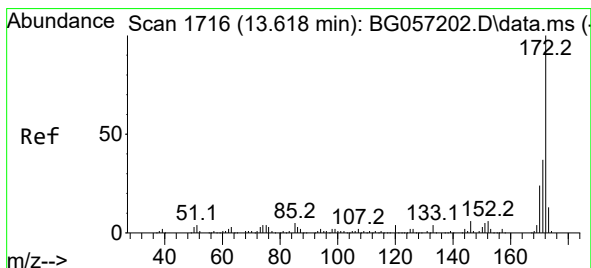
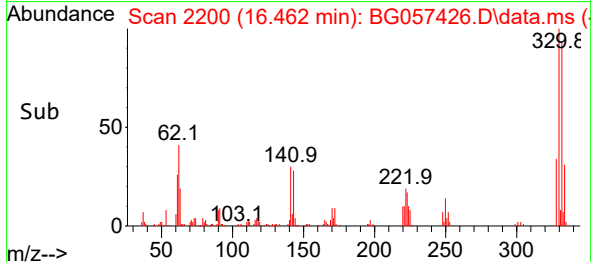
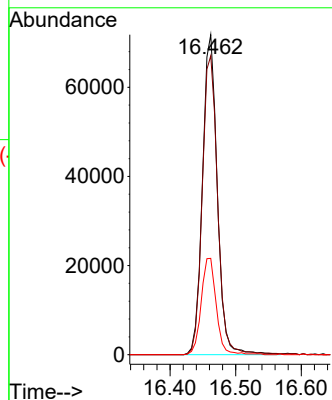
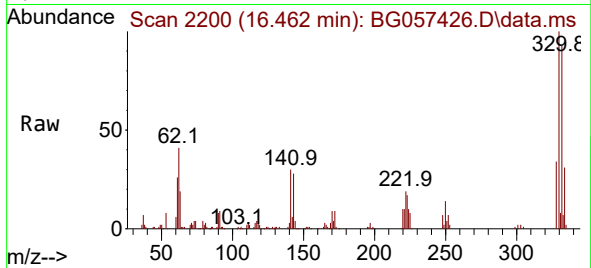




#42
2,4,6-Tribromophenol
Concen: 166.287 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

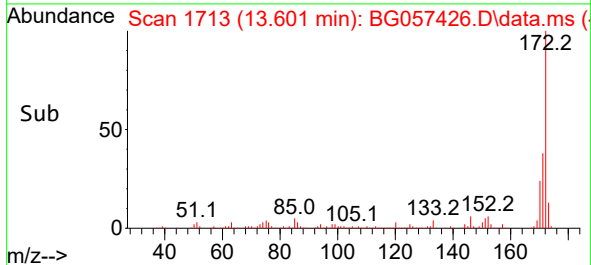
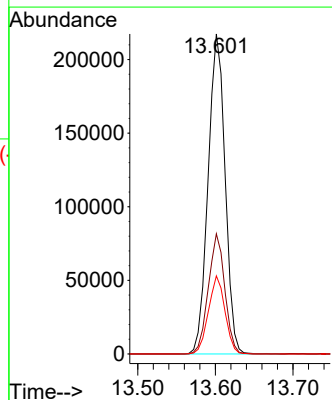
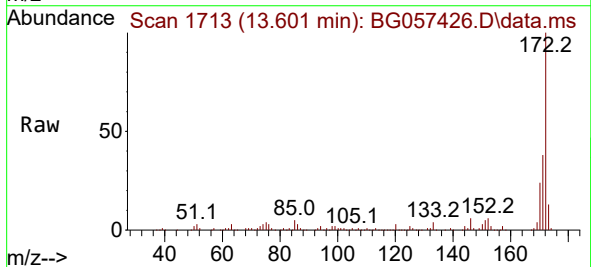
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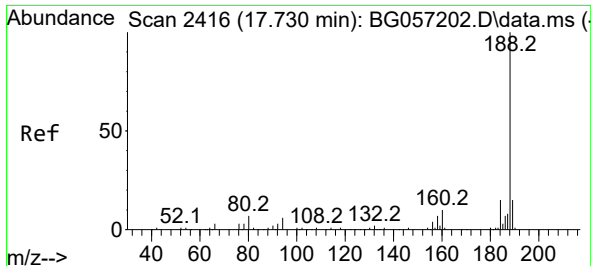
Tgt Ion:330 Resp: 112897
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 30.6 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 93.091 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:172 Resp: 330732
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.4 19.0 28.6

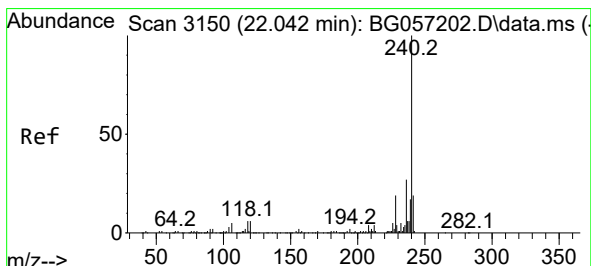
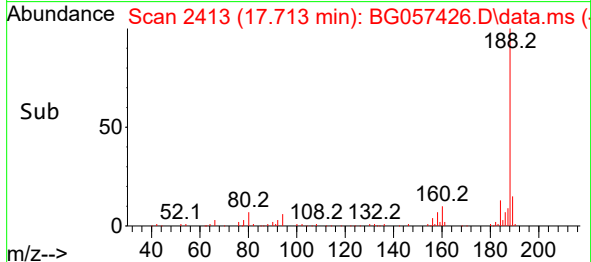
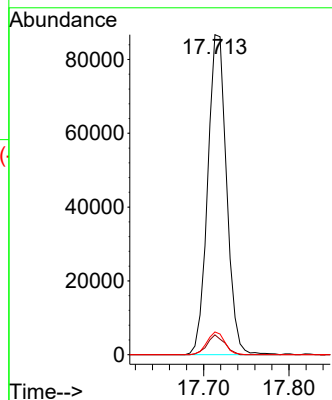
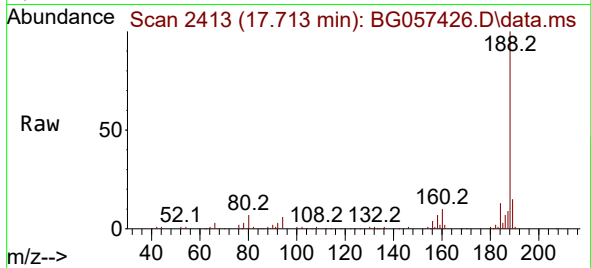




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2416
Delta R.T. -0.008 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

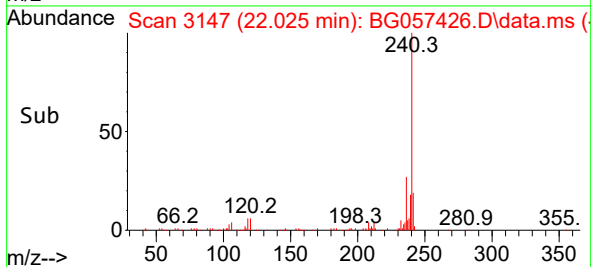
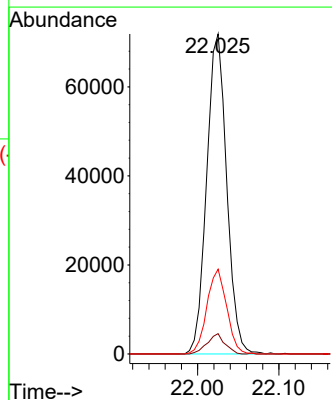
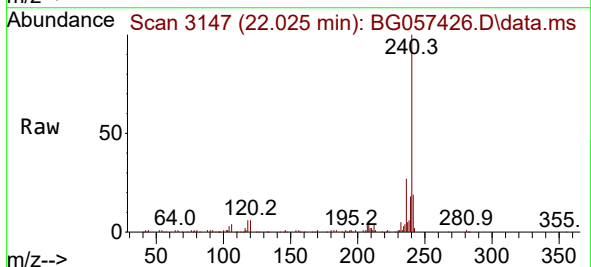
Instrument :
BNA_G
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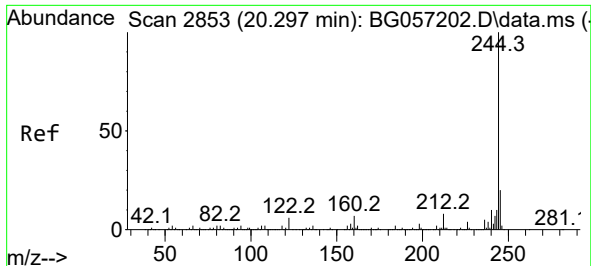
Tgt Ion:188 Resp: 133157
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.1 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:240 Resp: 123274
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 26.5 21.4 32.2

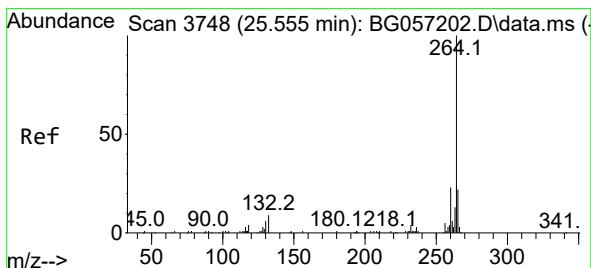
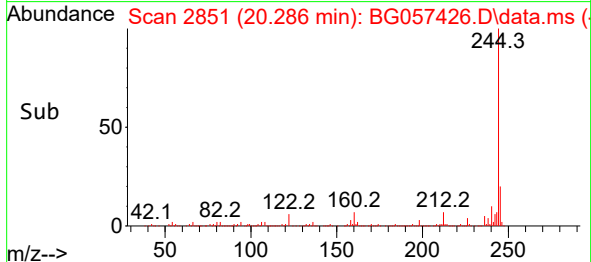
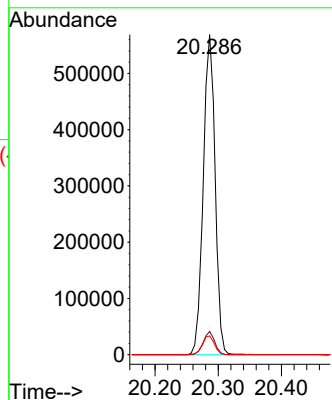
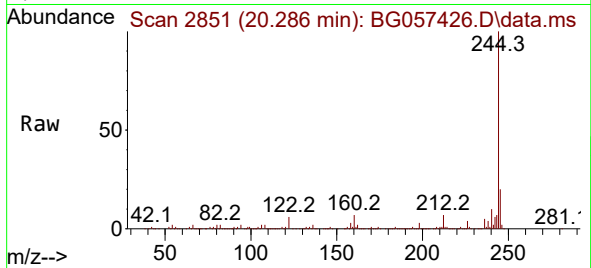




#79
 Terphenyl-d14
 Concen: 98.220 ng
 RT: 20.286 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057426.D
 Acq: 13 May 2023 4:01

Instrument :
 BNA_G
 ClientSampleId :
 PB152629BL

Tgt Ion:244 Resp: 741947
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.8 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.526 min Scan# 3743
 Delta R.T. -0.008 min
 Lab File: BG057426.D
 Acq: 13 May 2023 4:01

Tgt Ion:264 Resp: 129836
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 20.9 17.9 26.9

