

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057541.D
 Acq On : 24 May 2023 19:34
 Operator : CG/JU
 Sample : 02899-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08

Quant Time: May 25 02:26:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	19154	20.000	ng	-0.01
21) Naphthalene-d8	11.192	136	73435	20.000	ng	#-0.01
39) Acenaphthene-d10	14.969	164	50177	20.000	ng	-0.01
64) Phenanthrene-d10	17.712	188	128397	20.000	ng	-0.01
76) Chrysene-d12	22.018	240	135487	20.000	ng	-0.02
86) Perylene-d12	25.519	264	140285	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	108313	96.732	ng	0.00
7) Phenol-d6	7.502	99	154960	91.135	ng	0.00
23) Nitrobenzene-d5	9.535	82	98178	56.112	ng	-0.01
42) 2,4,6-Tribromophenol	16.455	330	76528	107.489	ng	-0.01
45) 2-Fluorobiphenyl	13.594	172	228663	61.375	ng	-0.01
79) Terphenyl-d14	20.279	244	498287	60.018	ng	-0.01

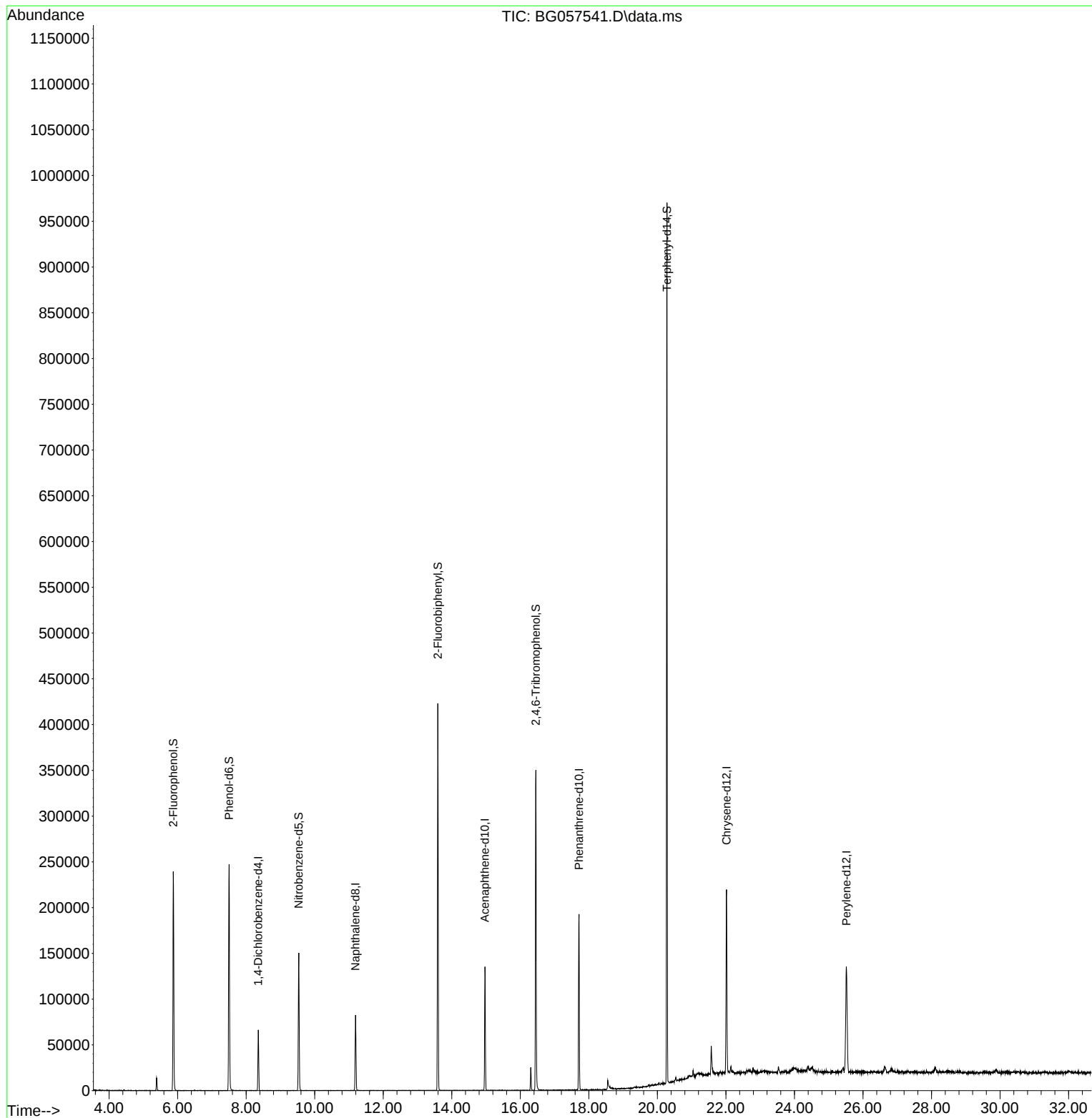
Target Compounds	Qvalue

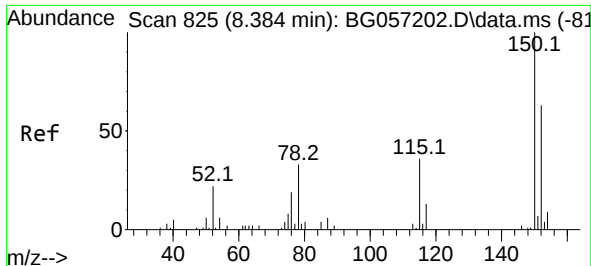
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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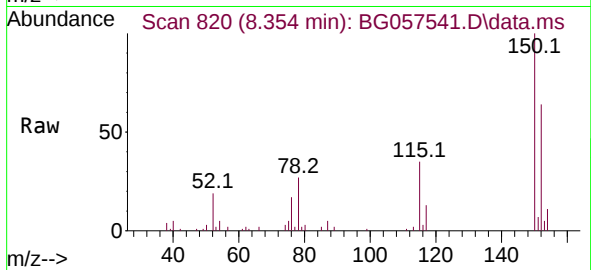
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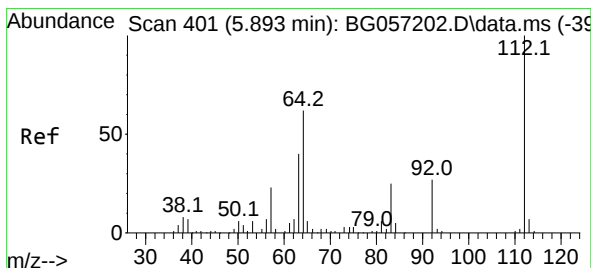
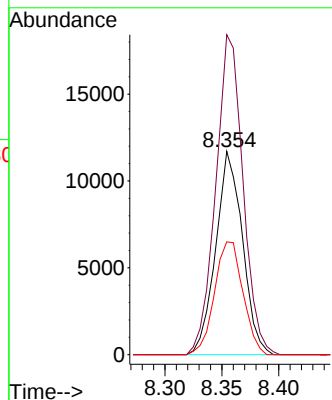
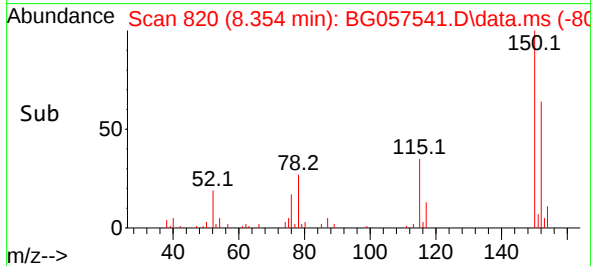


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057541.D
Acq: 24 May 2023 19:34

Instrument :
BNA_G
ClientSampleId :
SB08

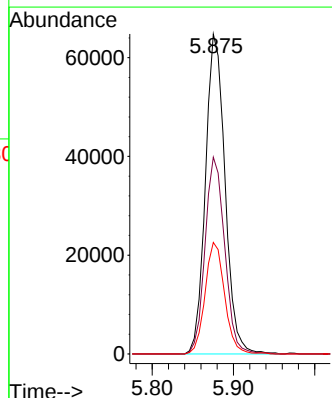
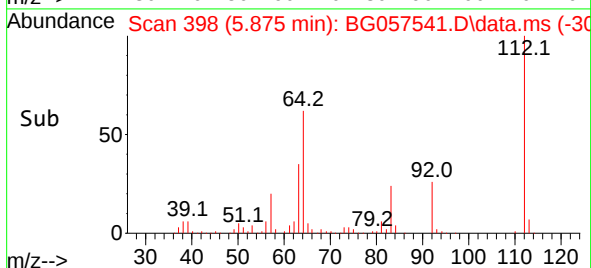
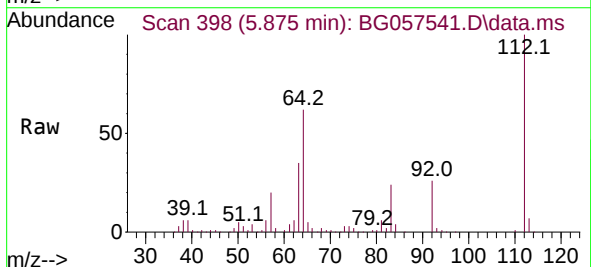


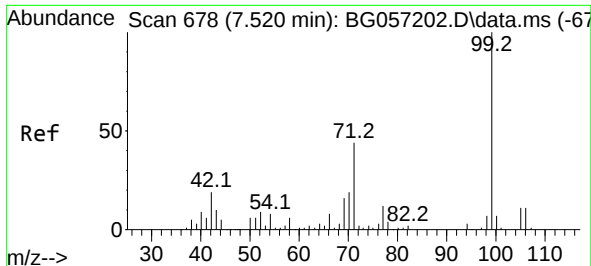
Tgt Ion:152 Resp: 19154
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 55.5 45.0 67.4



#5
2-Fluorophenol
Concen: 96.732 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.000 min
Lab File: BG057541.D
Acq: 24 May 2023 19:34

Tgt Ion:112 Resp: 108313
Ion Ratio Lower Upper
112 100
64 61.5 49.4 74.2
63 34.8 31.6 47.4

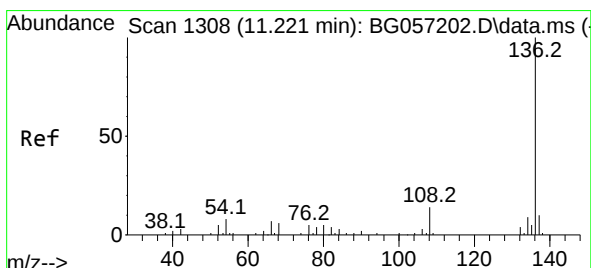
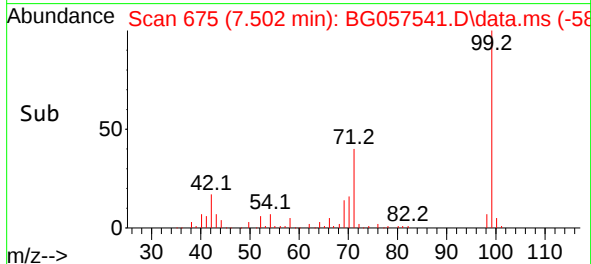
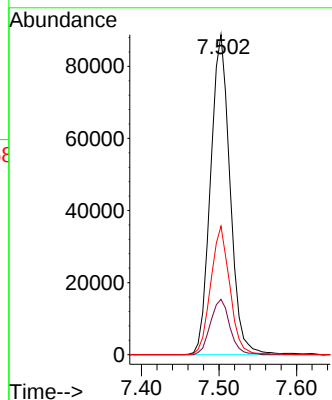
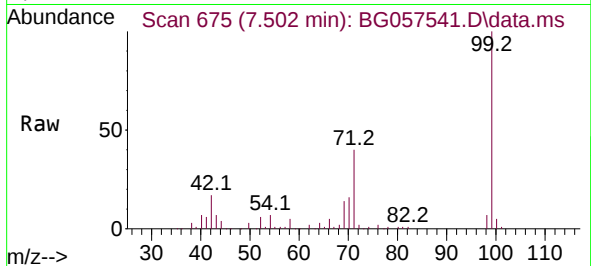




#7
Phenol-d6
Concen: 91.135 ng
RT: 7.502 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057541.D
Acq: 24 May 2023 19:34

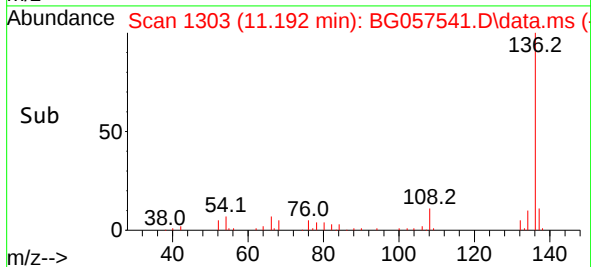
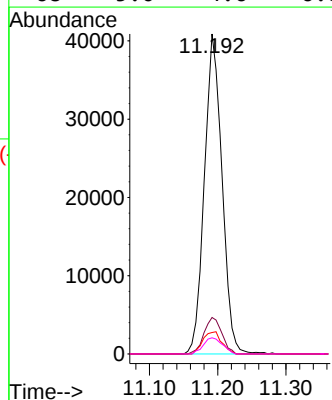
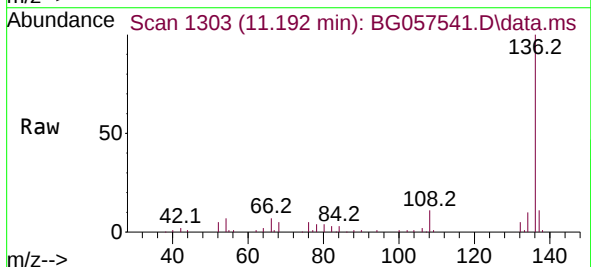
Instrument :
BNA_G
ClientSampleId :
SB08

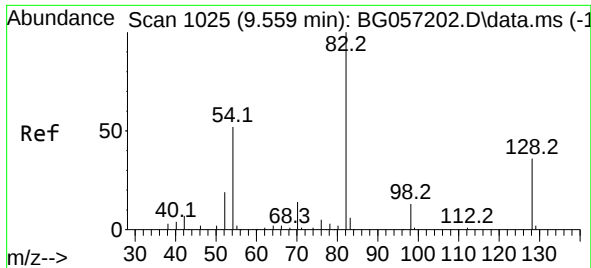
Tgt Ion: 99 Resp: 154960
Ion Ratio Lower Upper
99 100
42 17.3 15.1 22.7
71 40.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BG057541.D
Acq: 24 May 2023 19:34

Tgt Ion: 136 Resp: 73435
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 6.7 6.7 10.1#
68 5.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 56.112 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.011 min

Lab File: BG057541.D

Acq: 24 May 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SB08

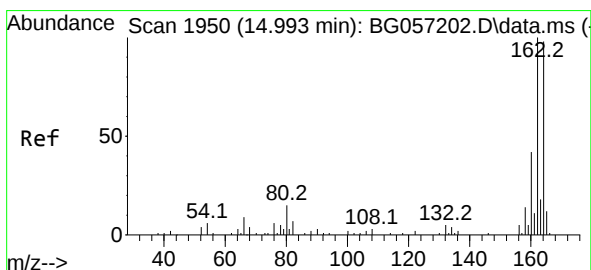
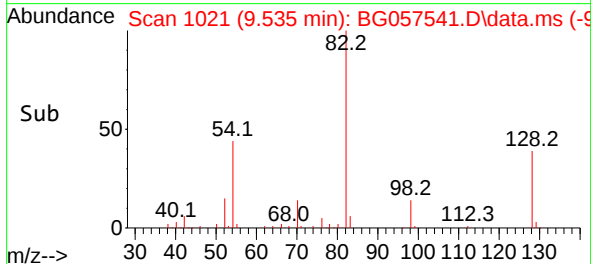
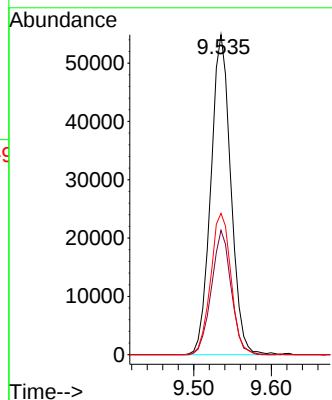
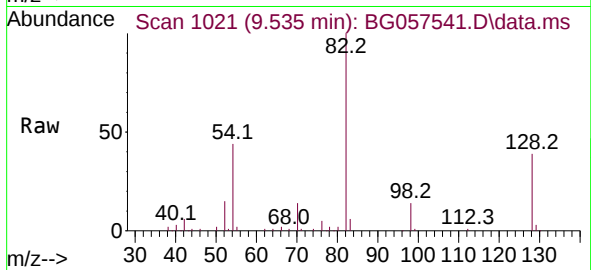
Tgt Ion: 82 Resp: 98178

Ion Ratio Lower Upper

82 100

128 38.8 29.0 43.4

54 44.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BG057541.D

Acq: 24 May 2023 19:34

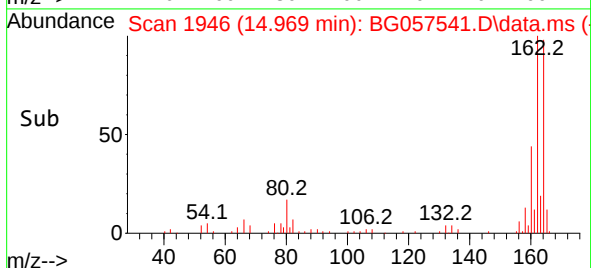
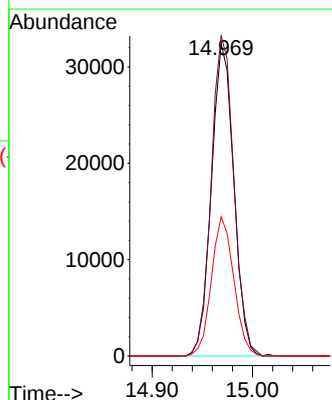
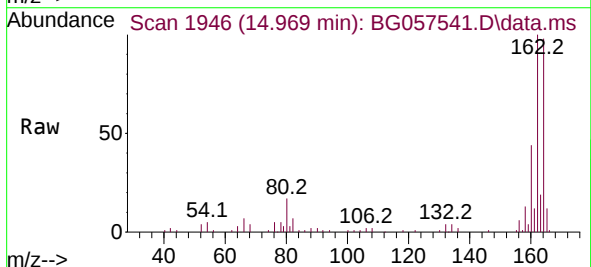
Tgt Ion:164 Resp: 50177

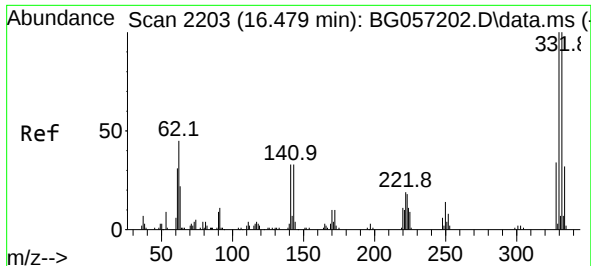
Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

160 44.6 34.6 52.0

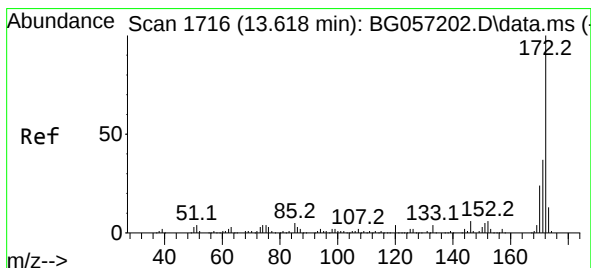
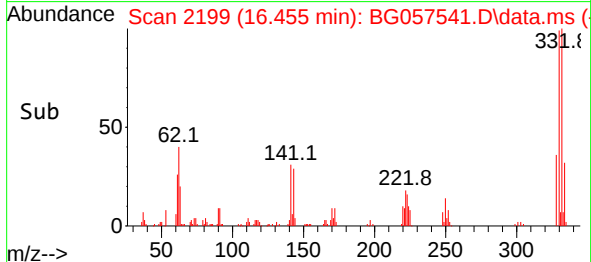
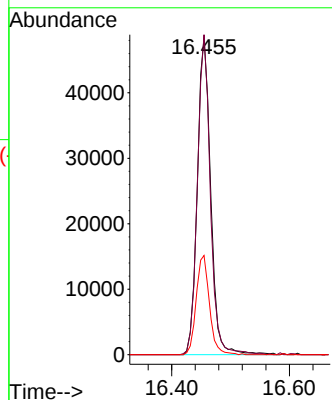
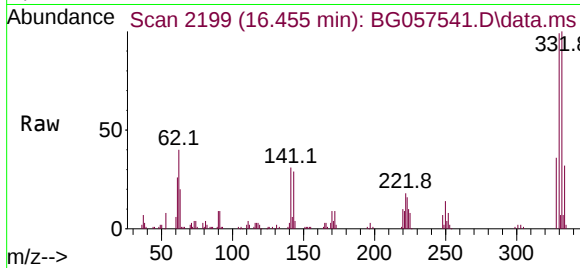




#42
2,4,6-Tribromophenol
Concen: 107.489 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057541.D
Acq: 24 May 2023 19:34

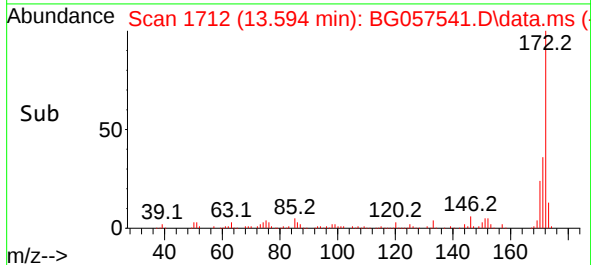
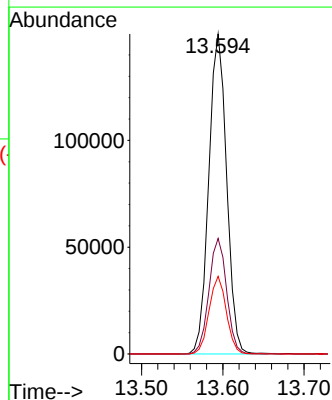
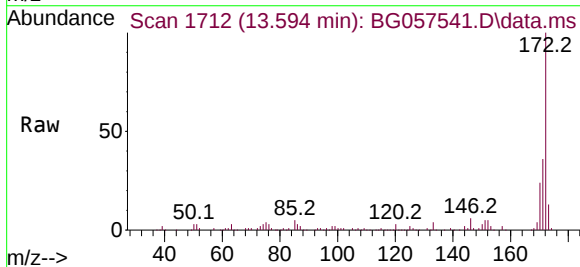
Instrument :
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ClientSampleId :
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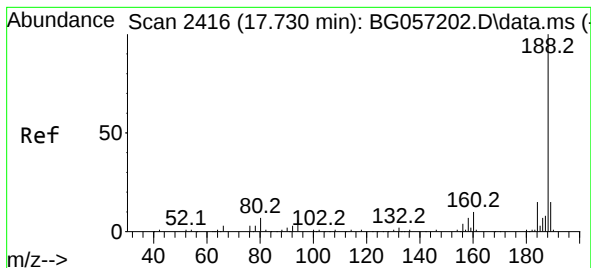
Tgt Ion:330 Resp: 76528
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.2
141 31.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 61.375 ng
RT: 13.594 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BG057541.D
Acq: 24 May 2023 19:34

Tgt Ion:172 Resp: 228663
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2416

Delta R.T. -0.011 min

Lab File: BG057541.D

Acq: 24 May 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SB08

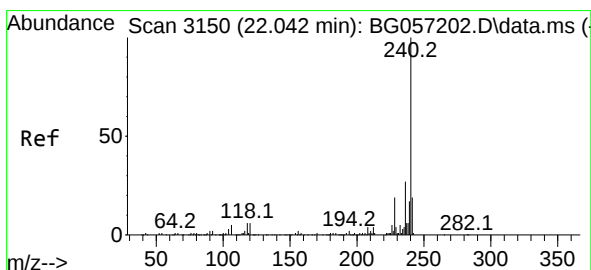
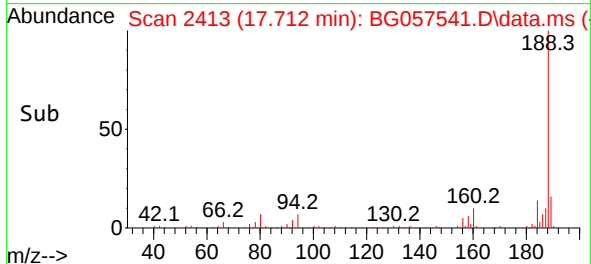
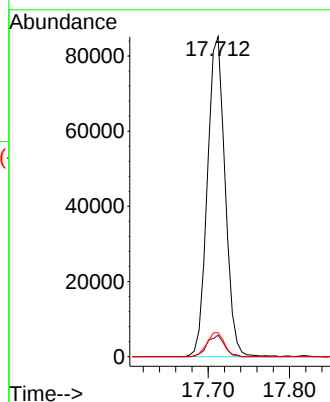
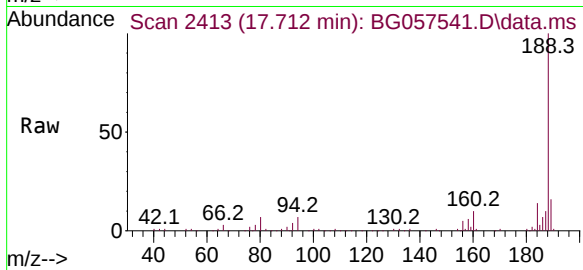
Tgt Ion:188 Resp: 128397

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

80 7.5 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.018 min Scan# 3146

Delta R.T. -0.017 min

Lab File: BG057541.D

Acq: 24 May 2023 19:34

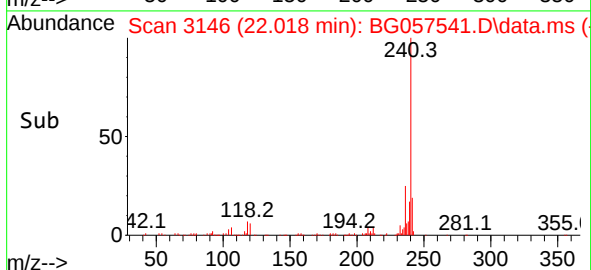
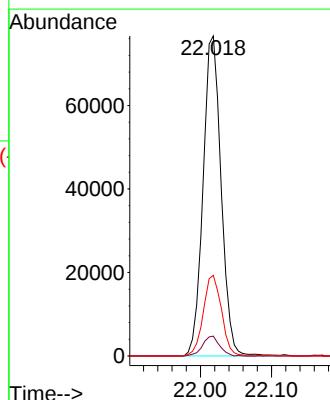
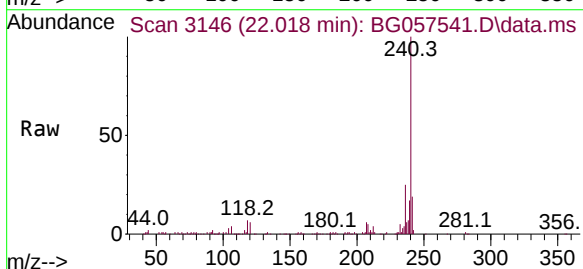
Tgt Ion:240 Resp: 135487

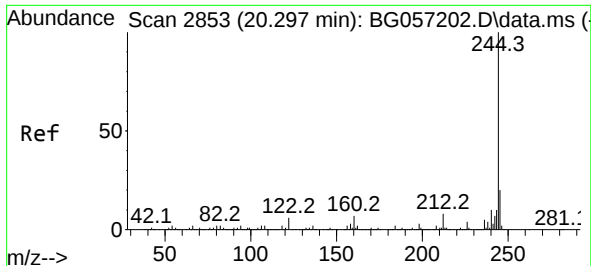
Ion Ratio Lower Upper

240 100

120 6.2 4.9 7.3

236 25.2 21.4 32.2

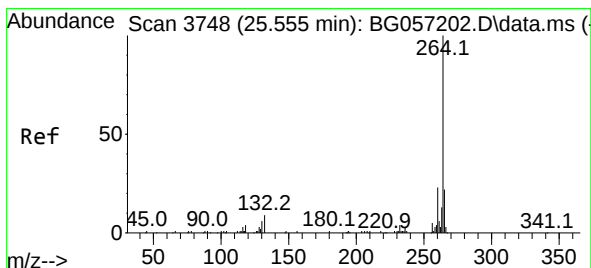
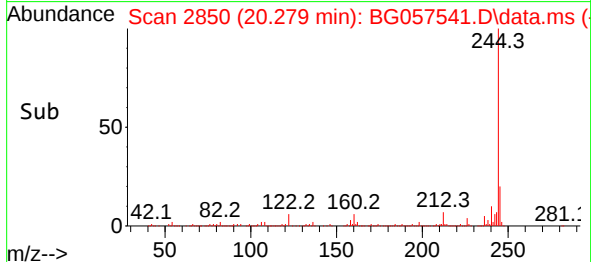
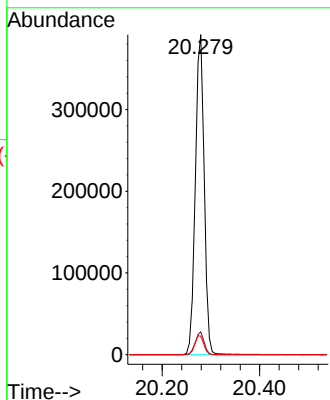
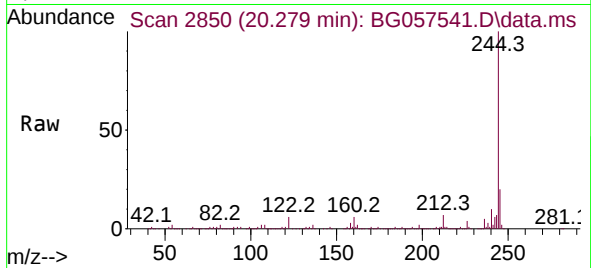




#79
 Terphenyl-d14
 Concen: 60.018 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057541.D
 Acq: 24 May 2023 19:34

Instrument :
 BNA_G
 ClientSampleId :
 SB08

Tgt Ion:244 Resp: 498287
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.8 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.519 min Scan# 3742
 Delta R.T. -0.023 min
 Lab File: BG057541.D
 Acq: 24 May 2023 19:34

Tgt Ion:264 Resp: 140285
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 20.7 17.9 26.9

