

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053706.D
 Acq On : 25 May 2022 23:06
 Operator : CG/JU
 Sample : N2896-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P038-SS001-1218-01

Quant Time: May 26 02:53:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	25240	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	102077	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	76458	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	172464	20.000	ng	0.00
76) Chrysene-d12	21.635	240	175437	20.000	ng	0.00
86) Perylene-d12	24.836	264	175834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	105715	71.083	ng	0.00
7) Phenol-d6	7.160	99	162183	71.855	ng	0.00
23) Nitrobenzene-d5	9.152	82	113374	47.280	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	82721	73.356	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	261179	49.917	ng	0.00
79) Terphenyl-d14	19.978	244	460228	48.859	ng	0.00

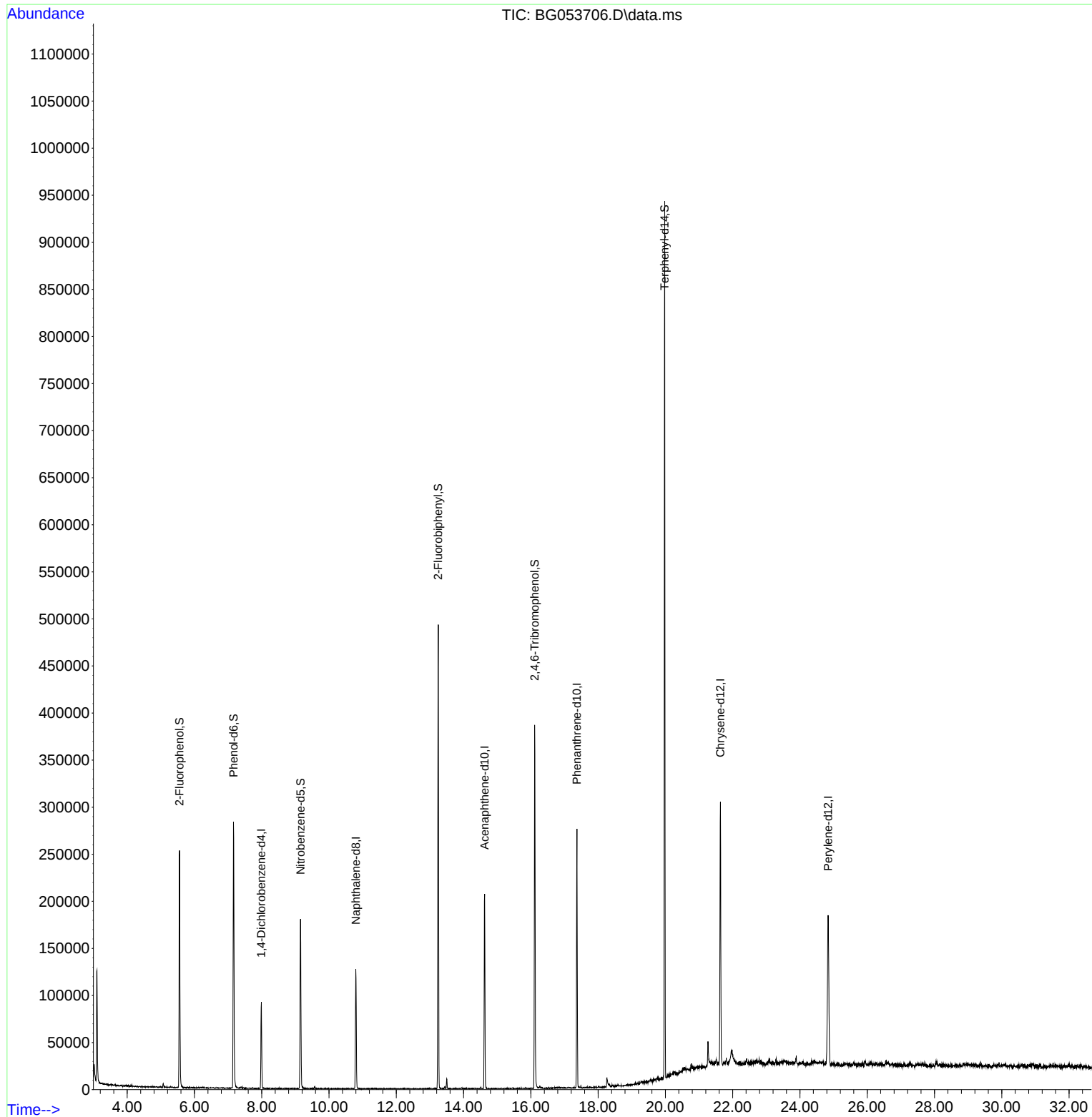
Target Compounds	Qvalue

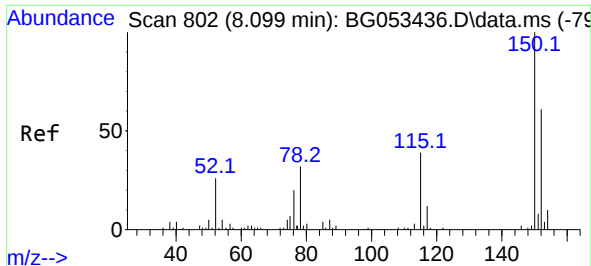
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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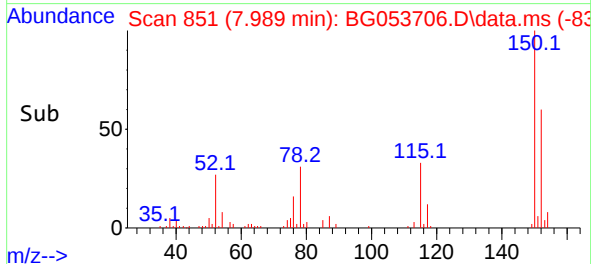
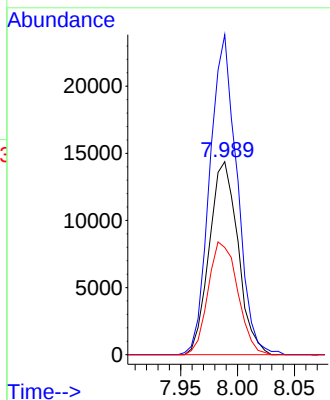
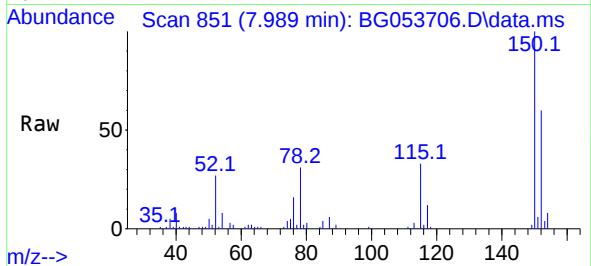




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.989 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

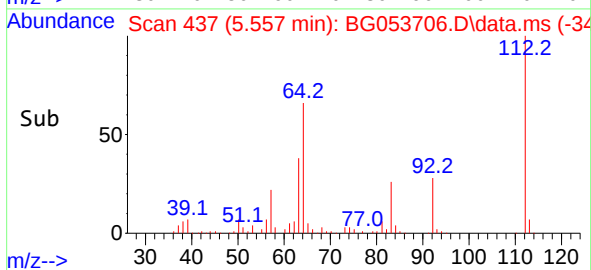
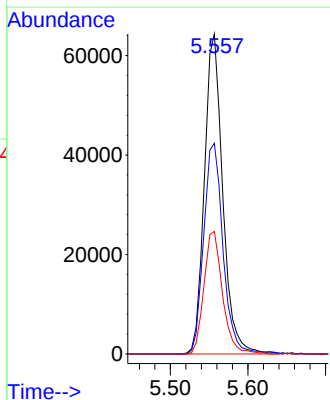
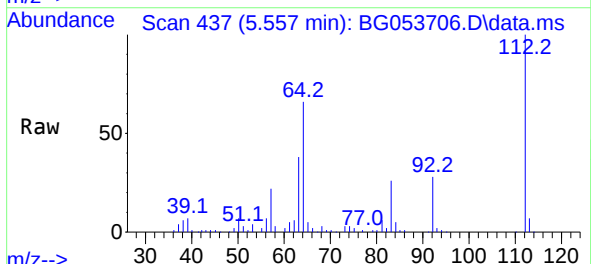
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

Tgt Ion:152 Resp: 25240
Ion Ratio Lower Upper
152 100
150 165.8 131.6 197.4
115 55.5 50.9 76.3



#5
2-Fluorophenol
Concen: 71.083 ng
RT: 5.557 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion:112 Resp: 105715
Ion Ratio Lower Upper
112 100
64 65.9 55.1 82.7
63 38.3 30.4 45.6

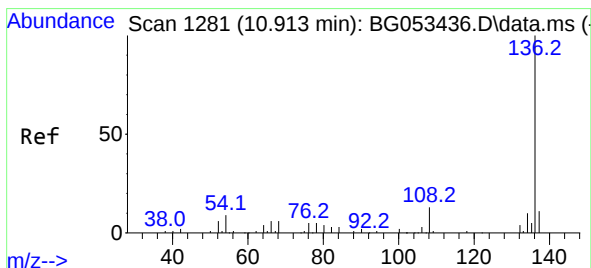
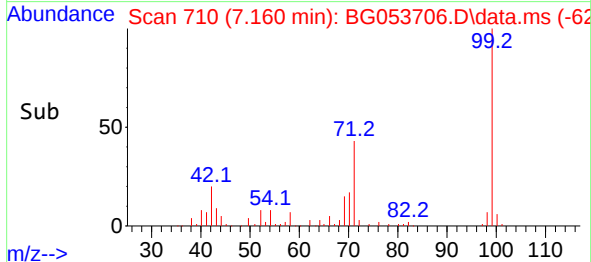
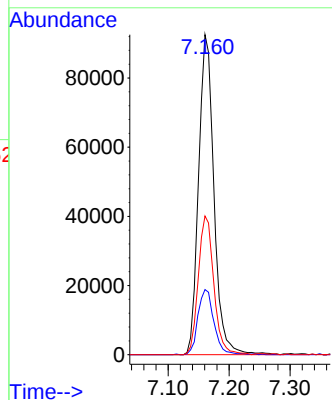
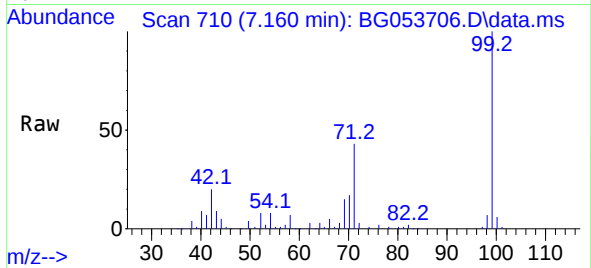




#7
Phenol-d6
Concen: 71.855 ng
RT: 7.160 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

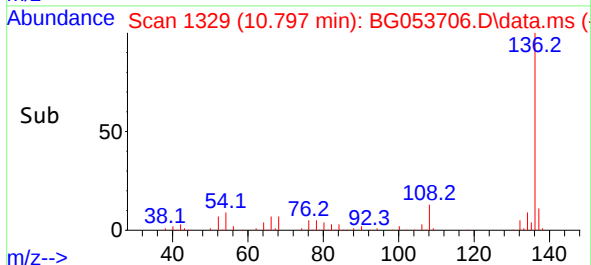
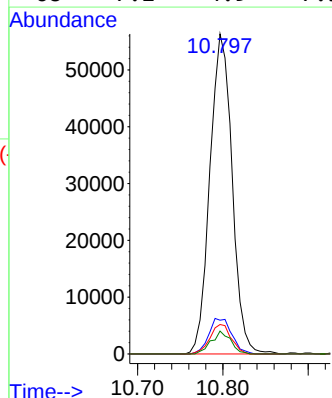
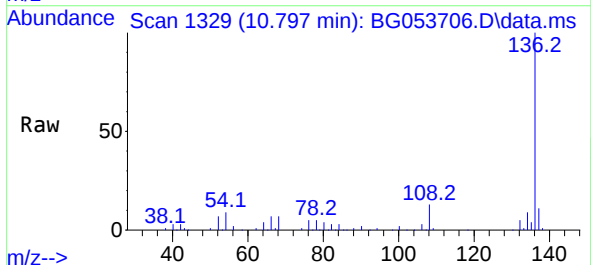
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

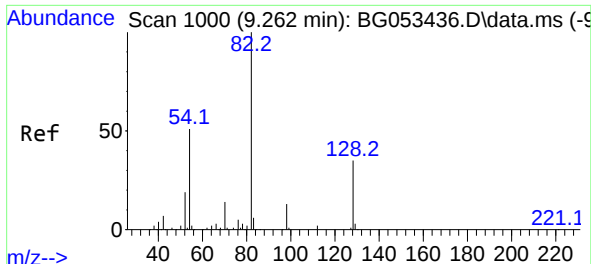
Tgt Ion: 99 Resp: 162183
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion: 136 Resp: 102077
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.2 7.4 11.2
68 7.2 4.9 7.3

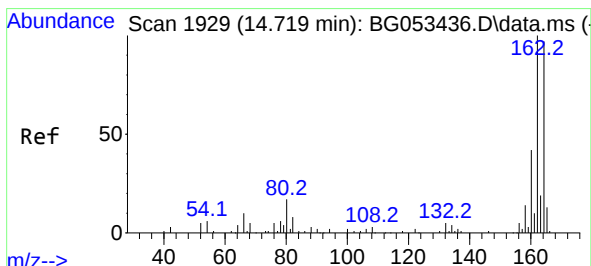
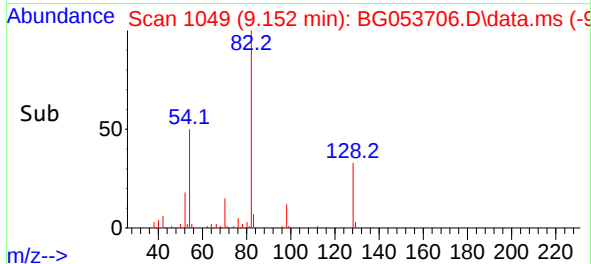
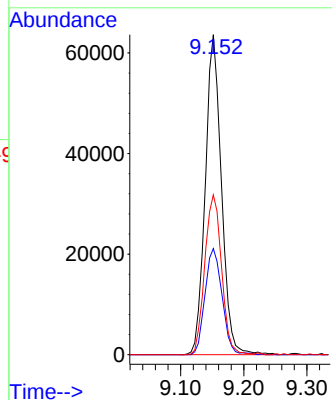
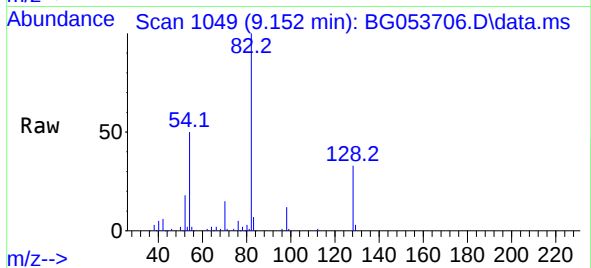




#23
Nitrobenzene-d5
Concen: 47.280 ng
RT: 9.152 min Scan# 1049
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

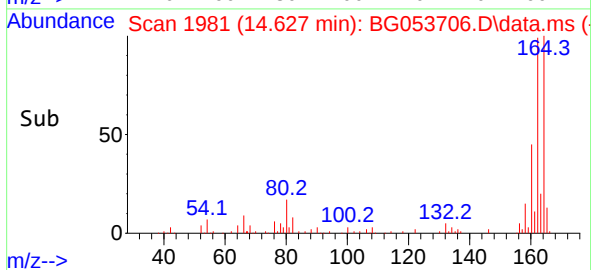
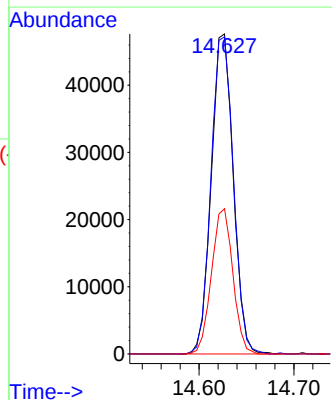
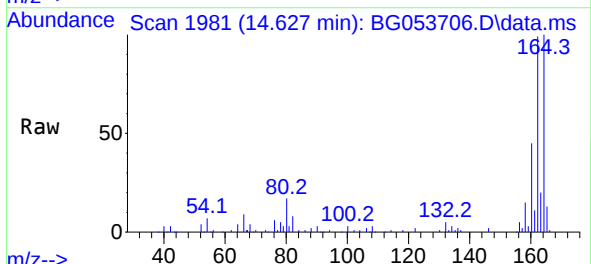
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

Tgt Ion: 82 Resp: 113374
Ion Ratio Lower Upper
82 100
128 33.2 27.9 41.9
54 50.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1981
Delta R.T. 0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion:164 Resp: 76458
Ion Ratio Lower Upper
164 100
162 99.1 82.3 123.5
160 45.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 73.356 ng

RT: 16.113 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053706.D

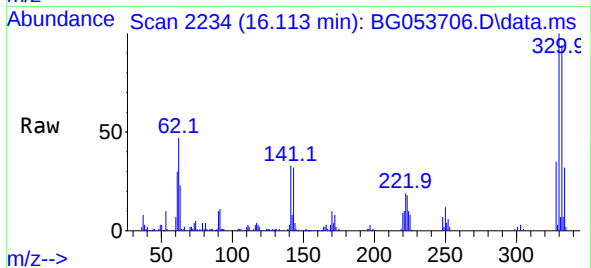
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Instrument :

BNA_G

ClientSampleId :

P038-SS001-1218-01



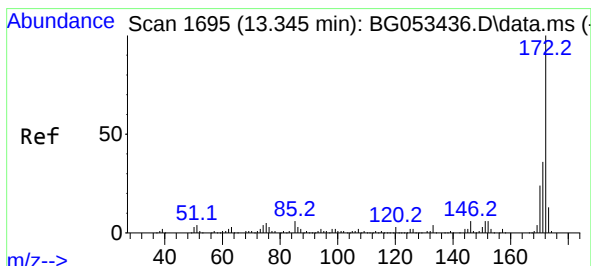
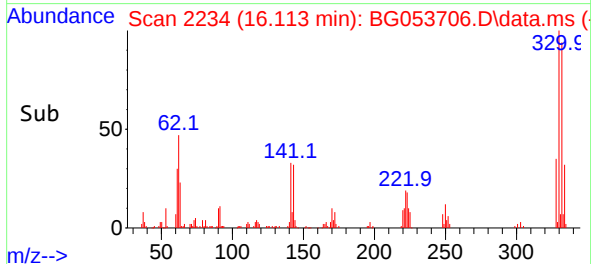
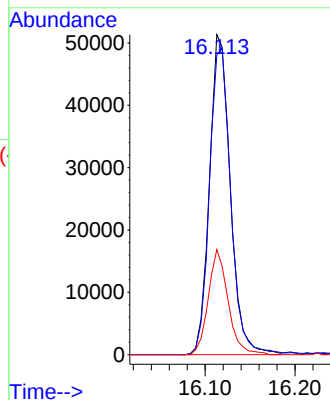
Tgt Ion:330 Resp: 82721

Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 31.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 49.917 ng

RT: 13.246 min Scan# 1746

Delta R.T. 0.002 min

Lab File: BG053706.D

Acq: 25 May 2022 23:06

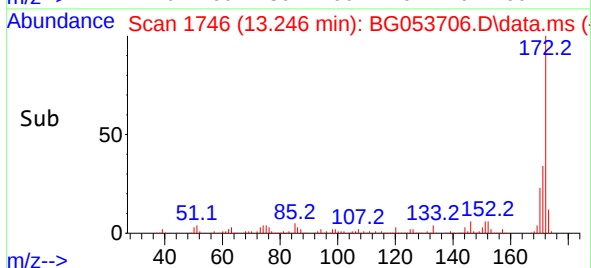
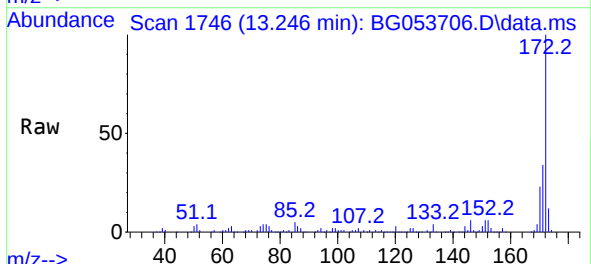
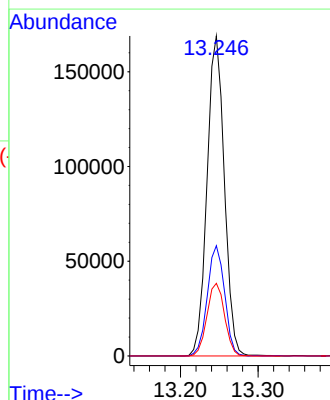
Tgt Ion:172 Resp: 261179

Ion Ratio Lower Upper

172 100

171 34.5 28.5 42.7

170 22.7 18.9 28.3

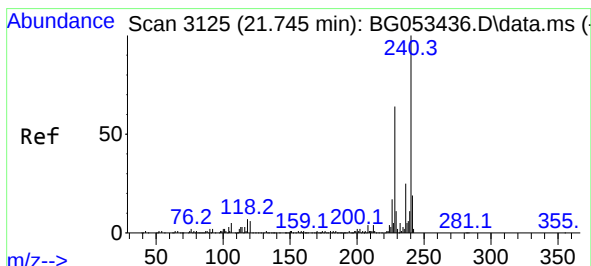
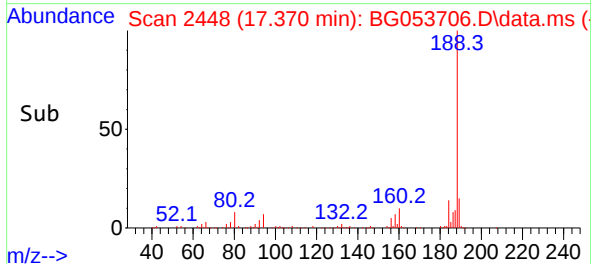
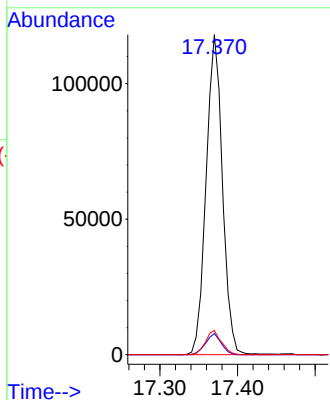
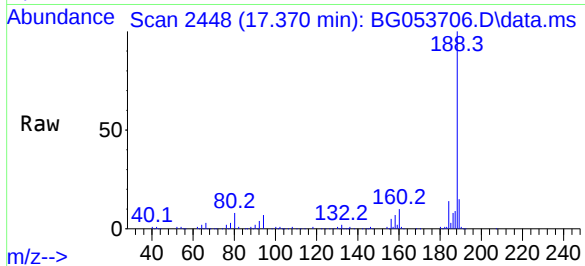




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

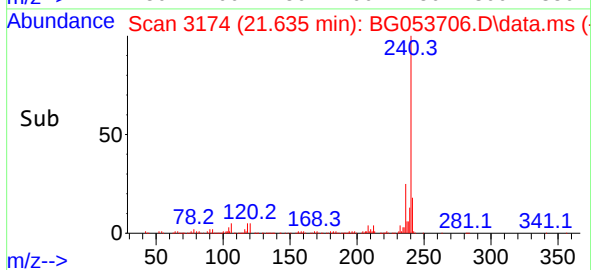
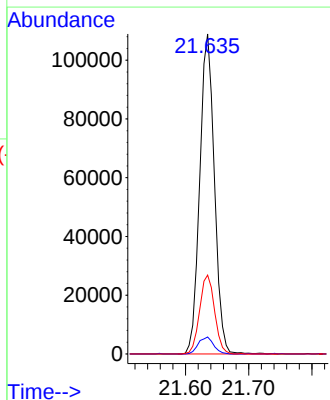
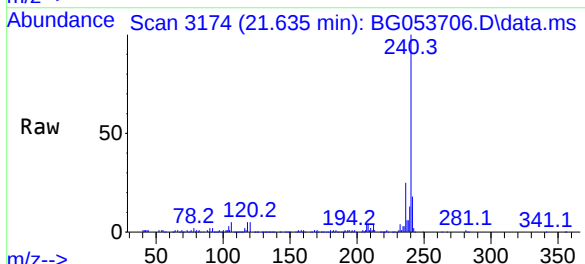
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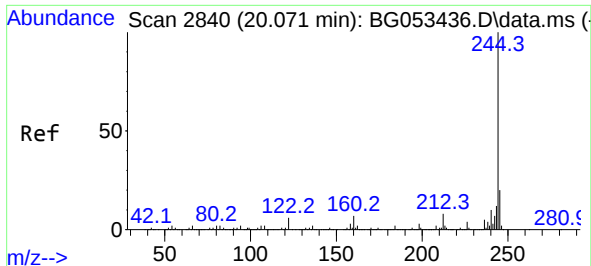
Tgt Ion:188 Resp: 172464
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.635 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion:240 Resp: 175437
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 24.7 20.2 30.4

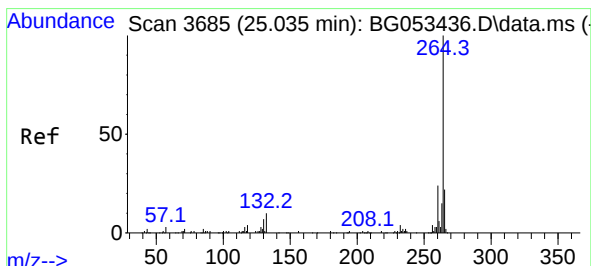
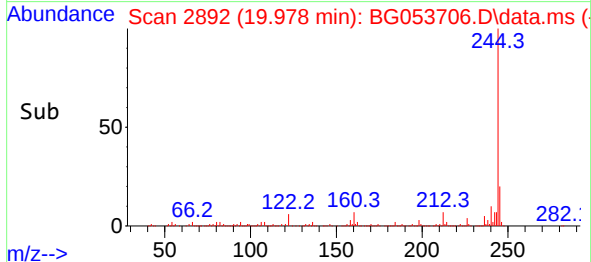
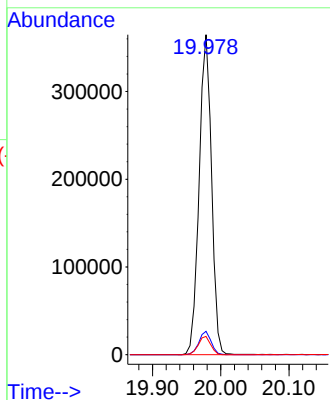
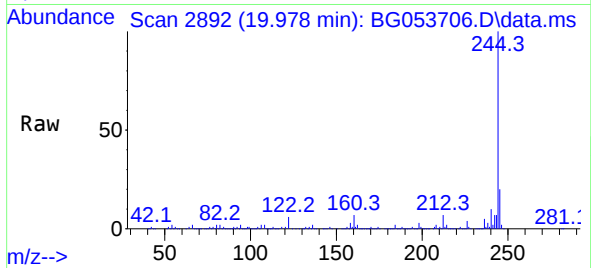




#79
 Terphenyl-d14
 Concen: 48.859 ng
 RT: 19.978 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053706.D
 Acq: 25 May 2022 23:06

Instrument :
 BNA_G
 ClientSampleId :
 P038-SS001-1218-01

Tgt Ion:244 Resp: 460228
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 5.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 3719
 Delta R.T. -0.003 min
 Lab File: BG053706.D
 Acq: 25 May 2022 23:06

Tgt Ion:264 Resp: 175834
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 20.4 17.4 26.2

