

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055418.D
 Acq On : 2 Nov 2022 16:59
 Operator : CG/JU
 Sample : N5380-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-E

Quant Time: Nov 03 08:15:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

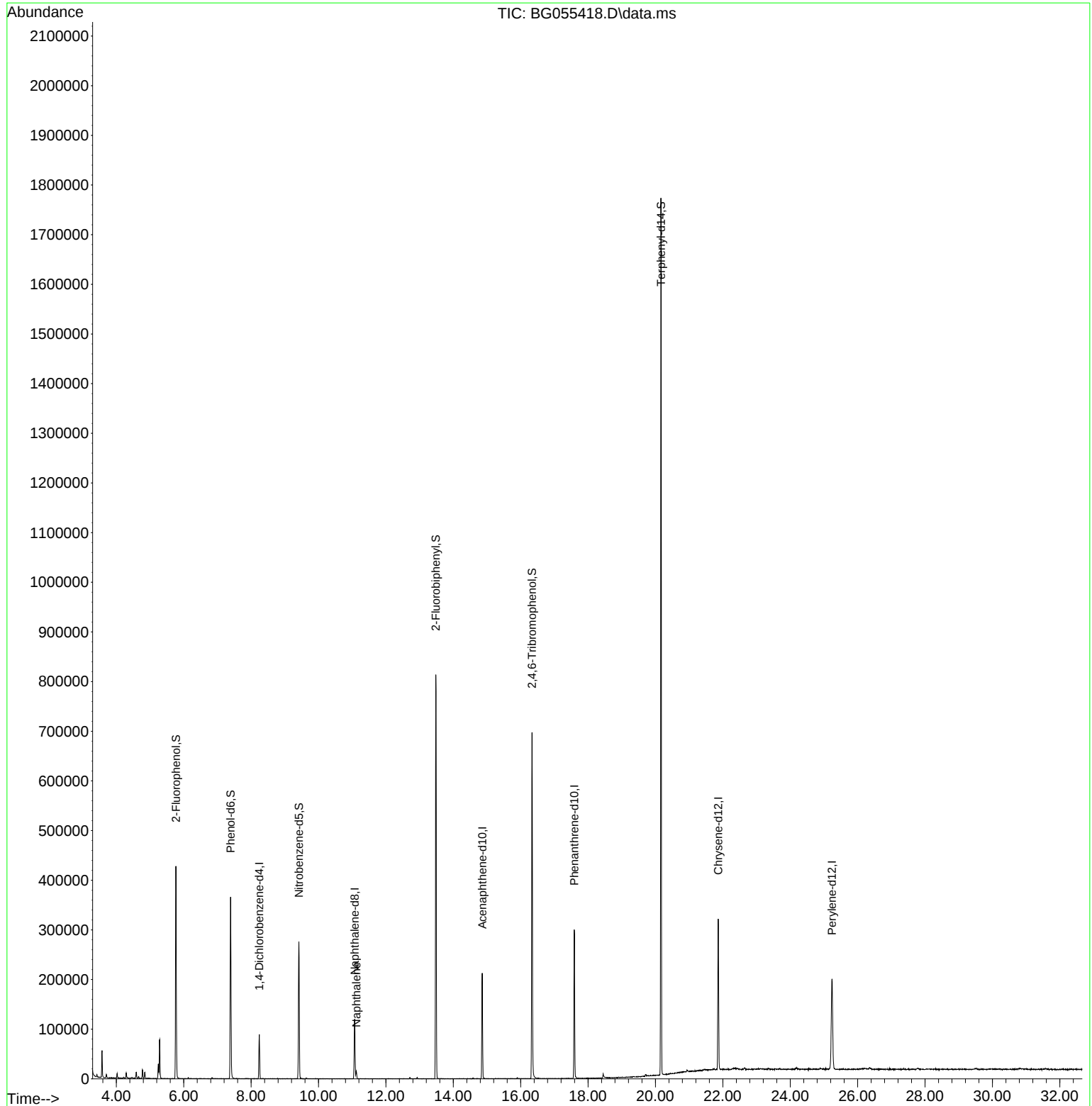
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	26939	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	112203	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	79159	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	199481	20.000	ng	0.00
76) Chrysene-d12	21.860	240	201597	20.000	ng	-0.01
86) Perylene-d12	25.239	264	216697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	198730	132.480	ng	0.00
7) Phenol-d6	7.389	99	232799	111.911	ng	0.00
23) Nitrobenzene-d5	9.416	82	174077	82.684	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	155879	144.366	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	441855	82.760	ng	0.00
79) Terphenyl-d14	20.162	244	903758	87.173	ng	0.00
Target Compounds						
31) Naphthalene	11.120	128	14389	2.278	ng	Qvalue 97

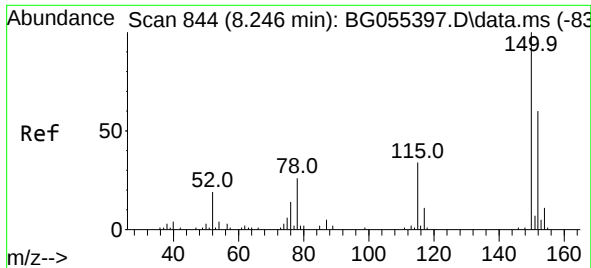
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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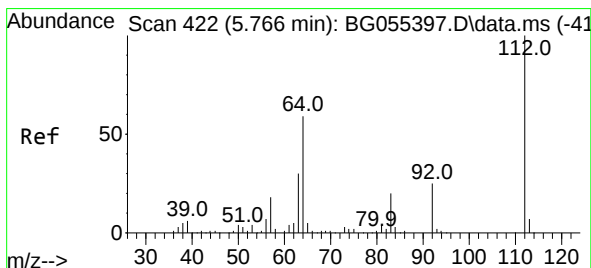
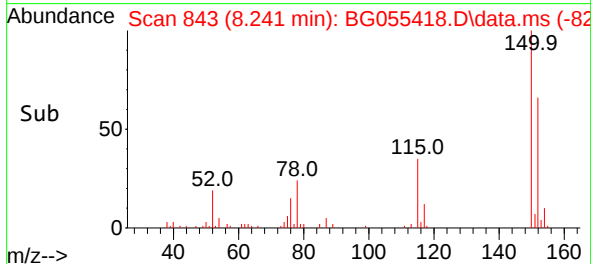
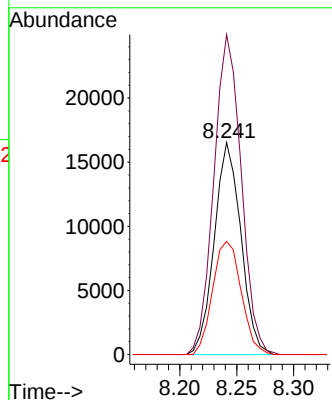
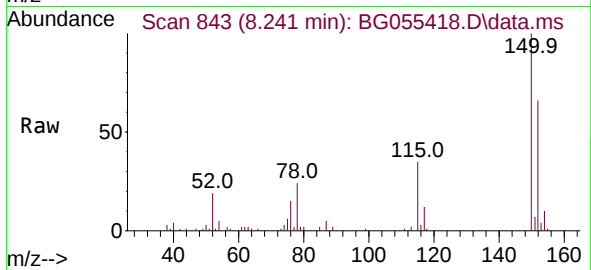




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

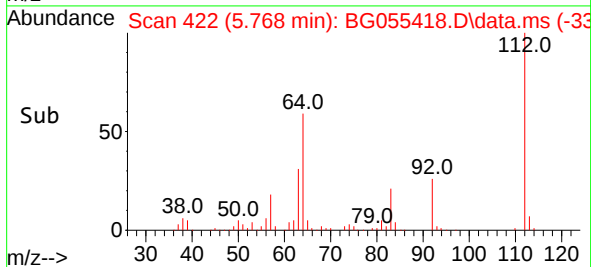
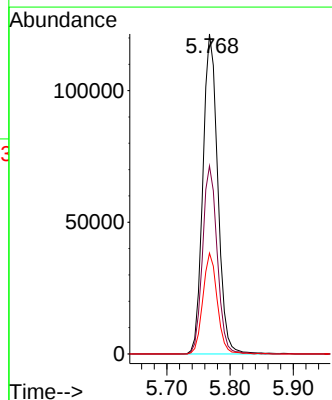
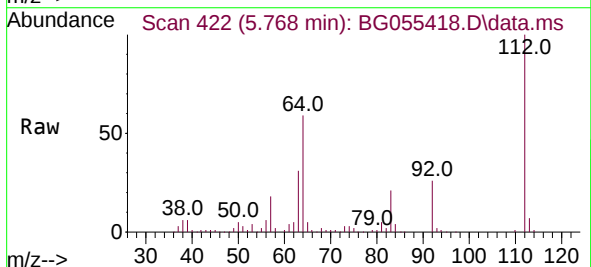
Instrument :
BNA_G
ClientSampleId :
TP-E

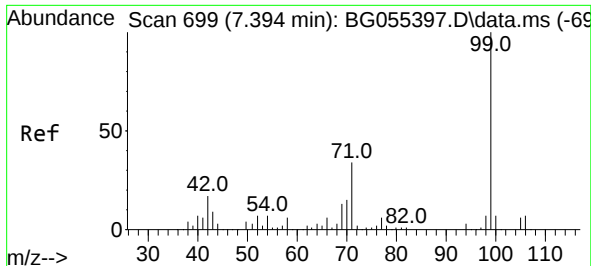
Tgt Ion:152 Resp: 26939
Ion Ratio Lower Upper
152 100
150 150.9 132.8 199.2
115 53.4 45.1 67.7



#5
2-Fluorophenol
Concen: 132.480 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:112 Resp: 198730
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 31.5 24.3 36.5

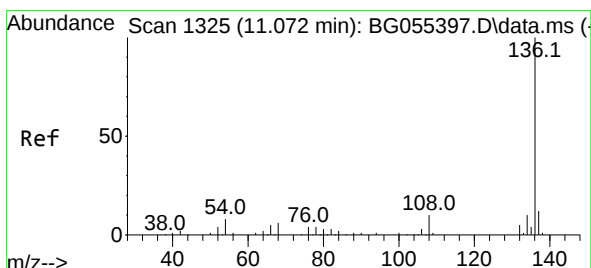
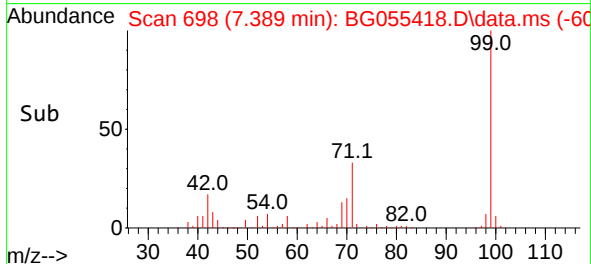
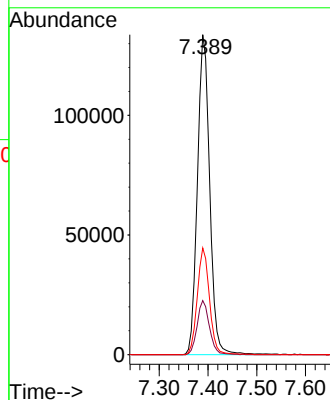
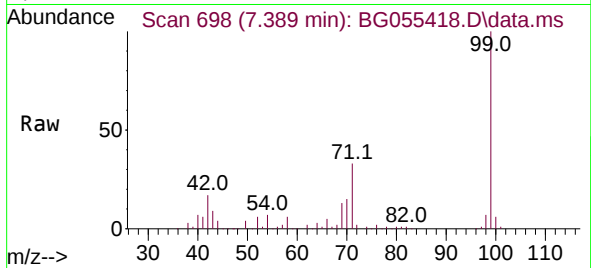




#7
Phenol-d6
Concen: 111.911 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

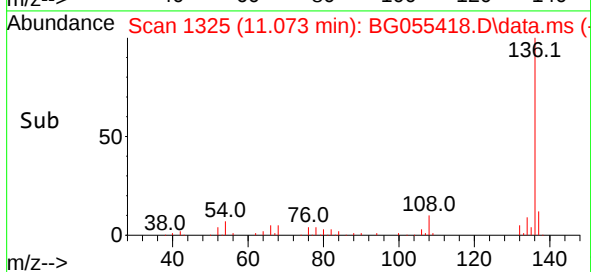
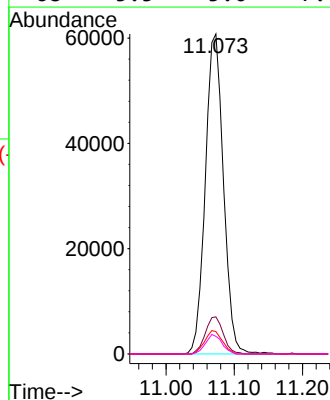
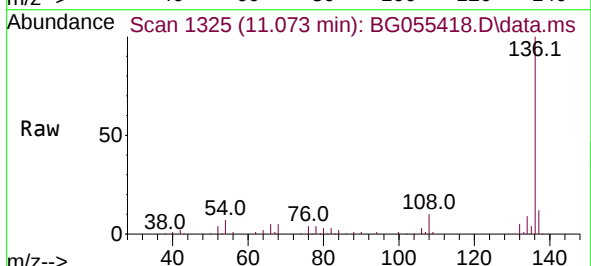
Instrument :
BNA_G
ClientSampleId :
TP-E

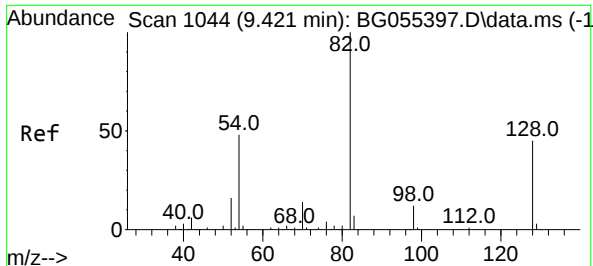
Tgt Ion: 99 Resp: 232799
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 33.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion: 136 Resp: 112203
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 7.0 6.1 9.1
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 82.684 ng

RT: 9.416 min Scan# 1043

Delta R.T. -0.005 min

Lab File: BG055418.D

Acq: 2 Nov 2022 16:59

Instrument :

BNA_G

ClientSampleId :

TP-E

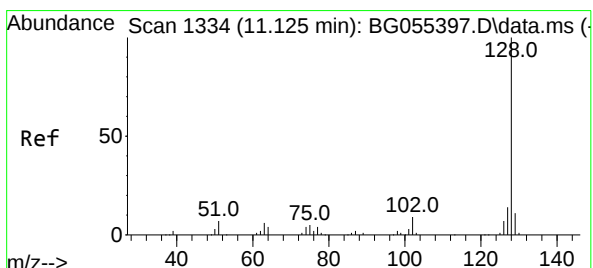
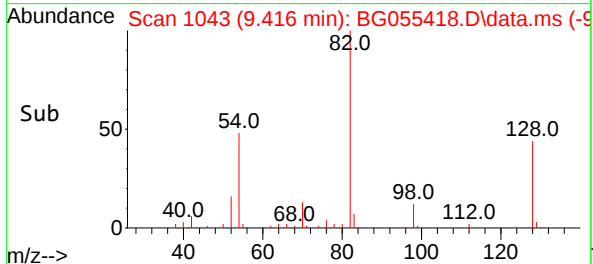
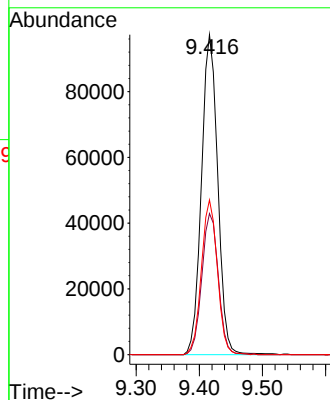
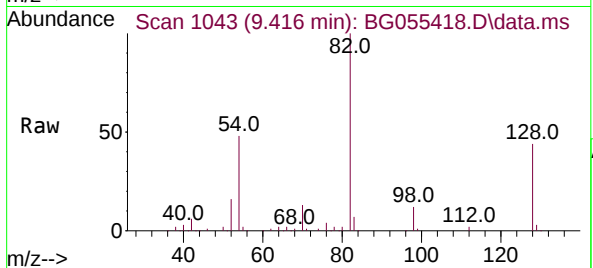
Tgt Ion: 82 Resp: 174077

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.8

54 48.3 38.1 57.1



#31

Naphthalene

Concen: 2.278 ng

RT: 11.120 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BG055418.D

Acq: 2 Nov 2022 16:59

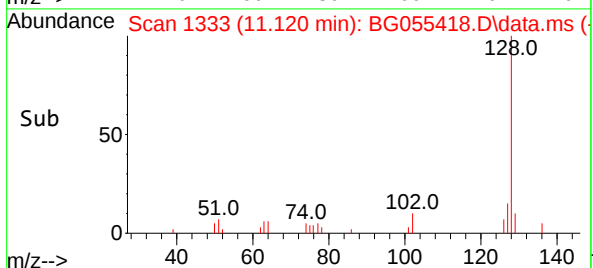
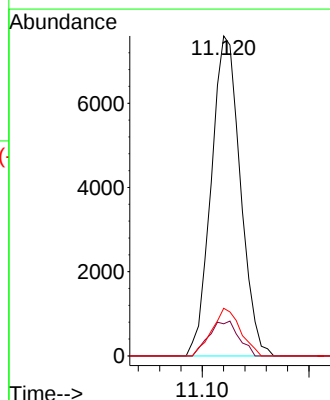
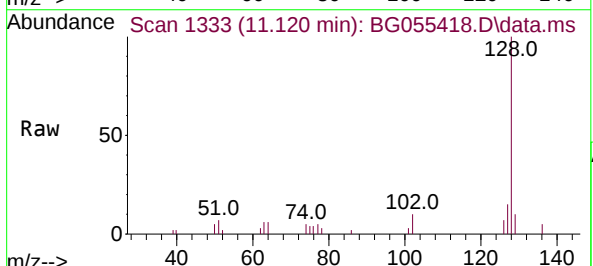
Tgt Ion:128 Resp: 14389

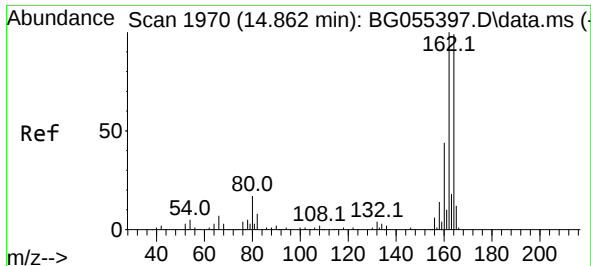
Ion Ratio Lower Upper

128 100

129 10.0 8.8 13.2

127 14.9 10.8 16.2

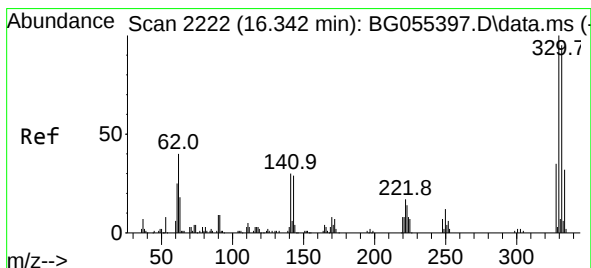
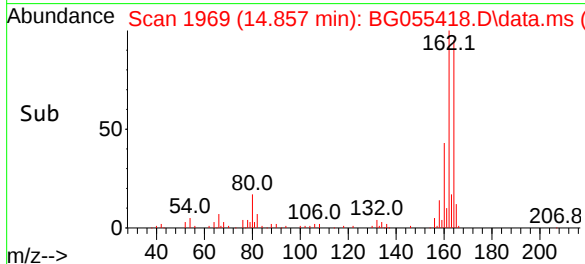
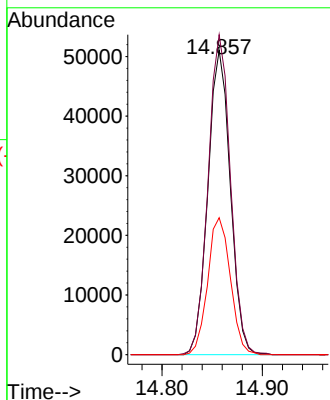
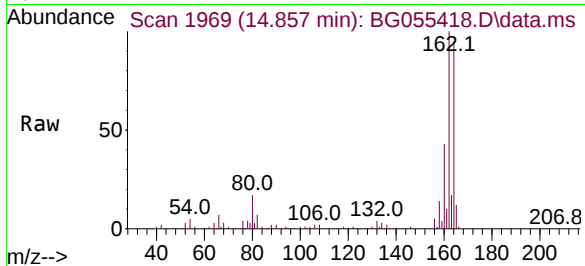




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

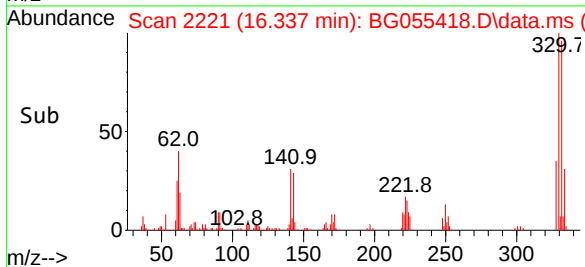
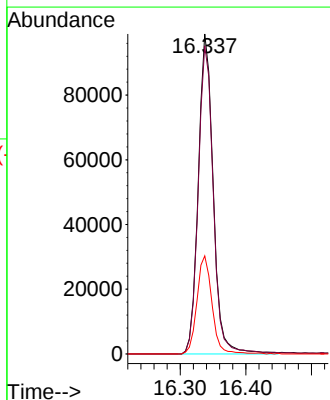
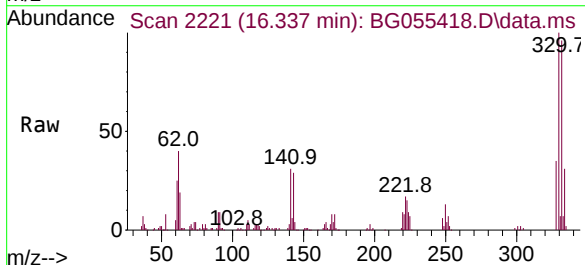
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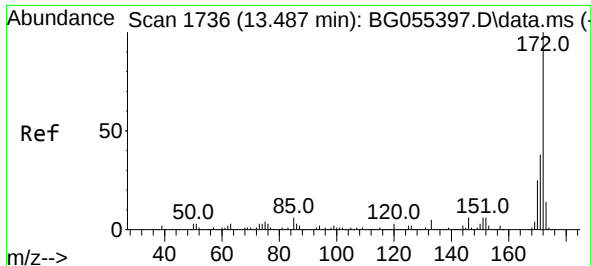
Tgt Ion:164 Resp: 79159
Ion Ratio Lower Upper
164 100
162 105.2 81.1 121.7
160 45.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 144.366 ng
RT: 16.337 min Scan# 2221
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:330 Resp: 155879
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 30.7 24.2 36.2

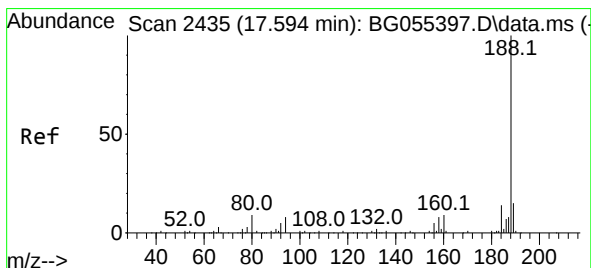
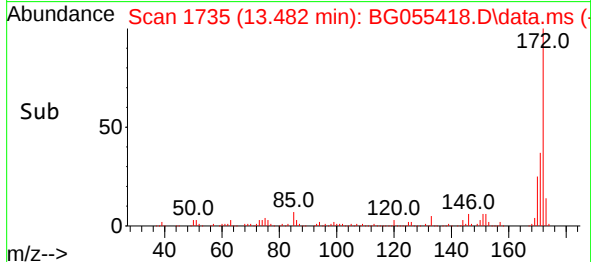
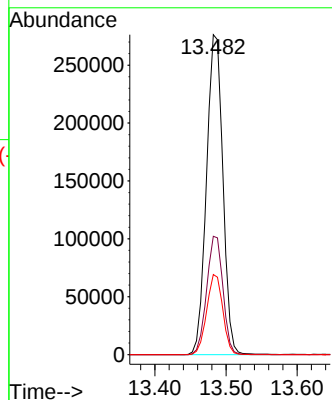
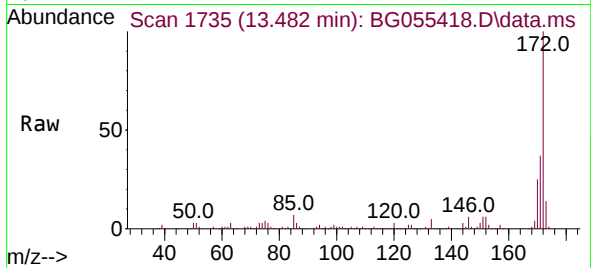




#45
2-Fluorobiphenyl
Concen: 82.760 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

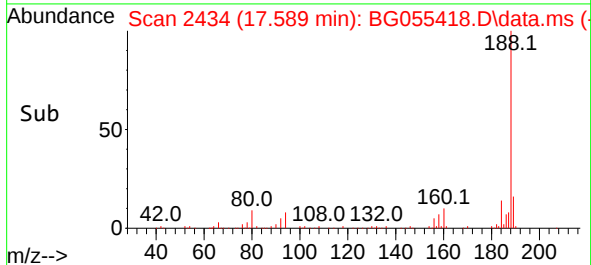
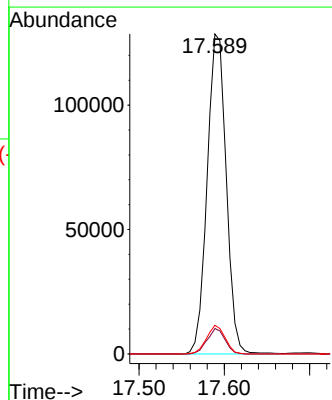
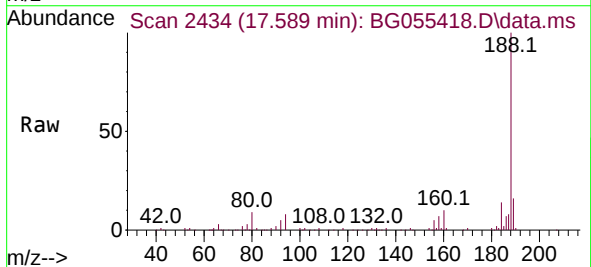
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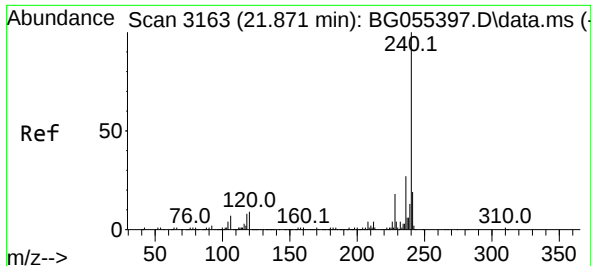
Tgt Ion:172 Resp: 441855
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.2
170 25.1 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.589 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:188 Resp: 199481
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 8.9 7.4 11.0

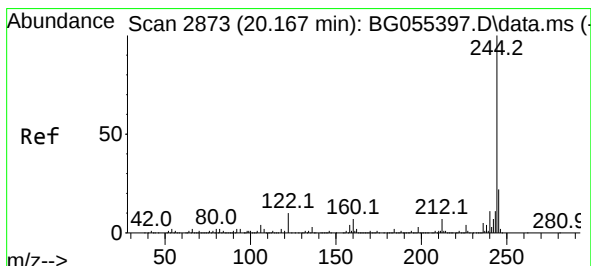
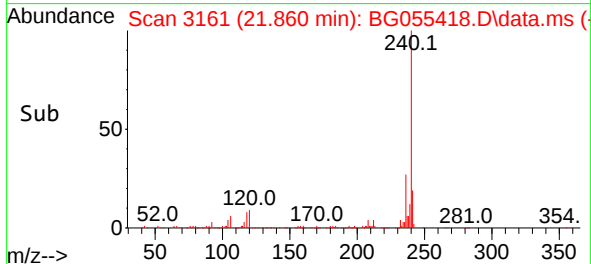
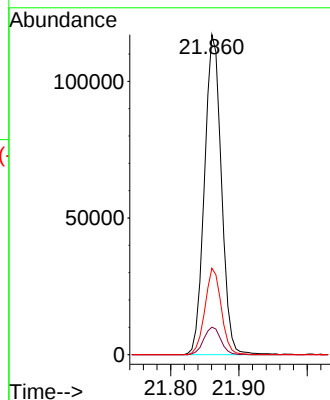
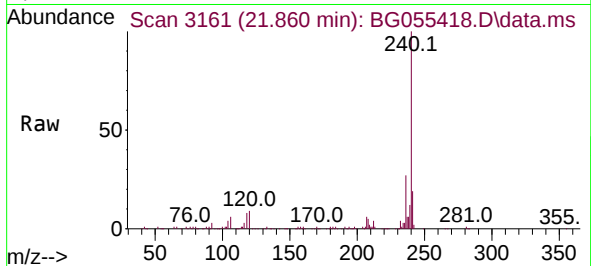




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.011 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

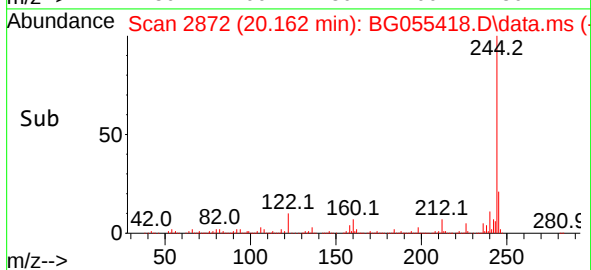
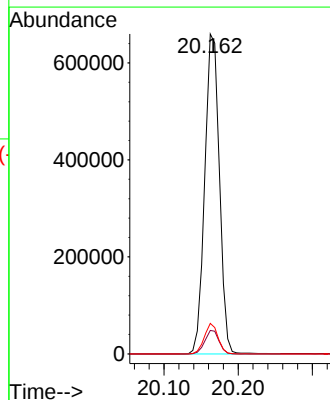
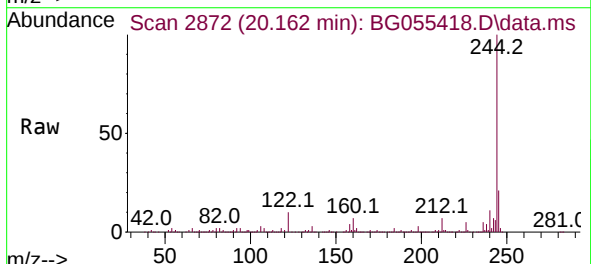
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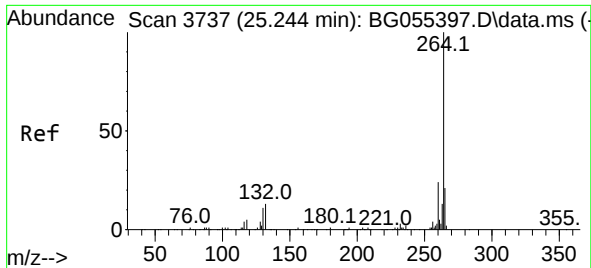
Tgt Ion:240 Resp: 201597
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 27.0 21.5 32.3



#79
Terphenyl-d14
Concen: 87.173 ng
RT: 20.162 min Scan# 2872
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:244 Resp: 903758
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.5 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.239 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055418.D
 Acq: 2 Nov 2022 16:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-E

Tgt Ion:264 Resp: 216697
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 21.8 17.1 25.7

