

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055421.D
 Acq On : 2 Nov 2022 19:07
 Operator : CG/JU
 Sample : N5380-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-D

Quant Time: Nov 03 06:11:34 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)

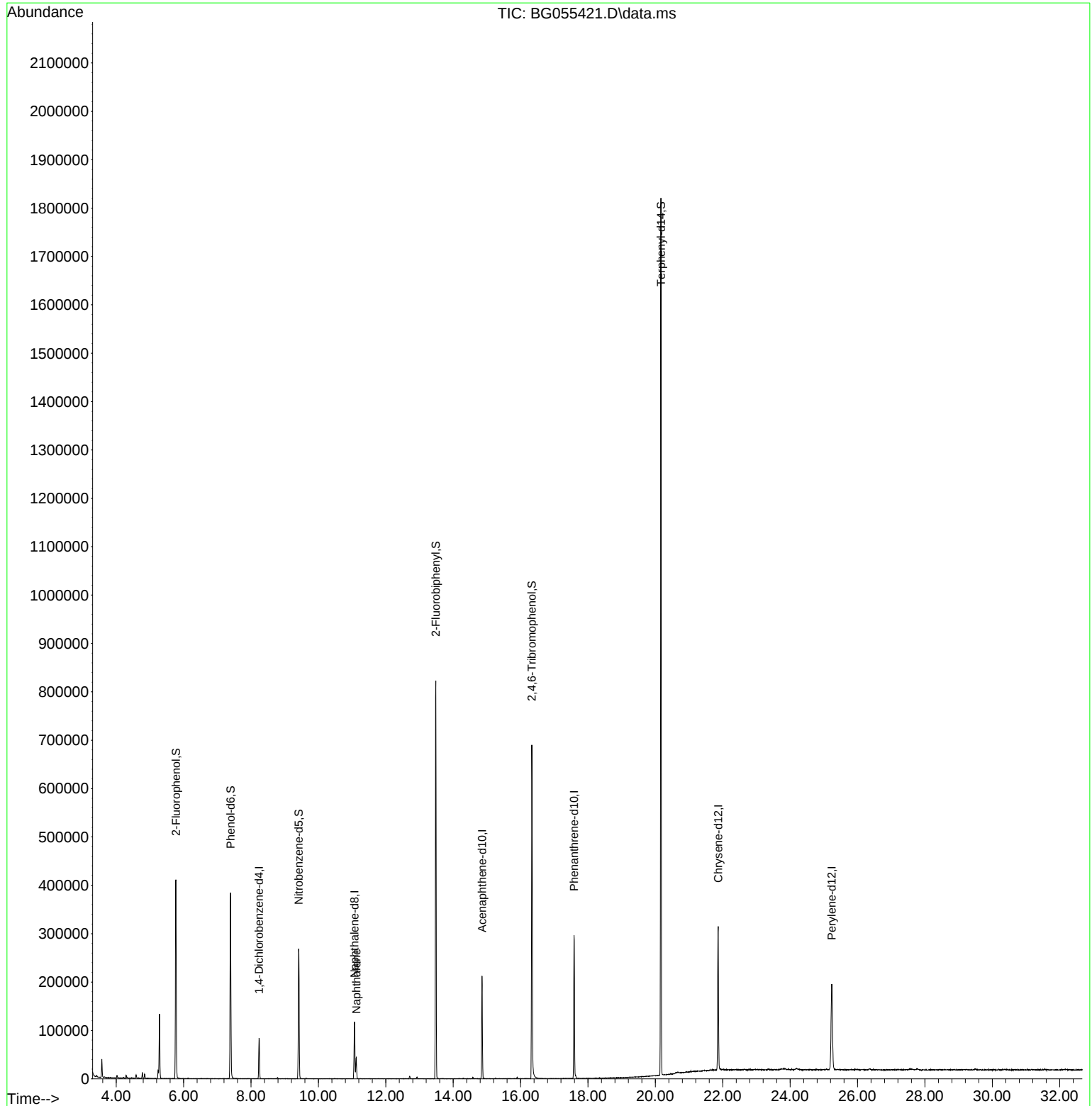
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.238	152	25049	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	107359	20.000	ng	0.00
39) Acenaphthene-d10	14.854	164	78124	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	197284	20.000	ng	0.00
76) Chrysene-d12	21.864	240	200345	20.000	ng	0.00
86) Perylene-d12	25.236	264	211483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.771	112	199597	143.098	ng	0.00
7) Phenol-d6	7.392	99	241947	125.084	ng	0.00
23) Nitrobenzene-d5	9.413	82	171204	84.989	ng	0.00
42) 2,4,6-Tribromophenol	16.335	330	161342	151.405	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	444998	84.453	ng	0.00
79) Terphenyl-d14	20.166	244	893659	86.738	ng	0.00
Target Compounds						
31) Naphthalene	11.123	128	39272	6.497	ng	Qvalue 99

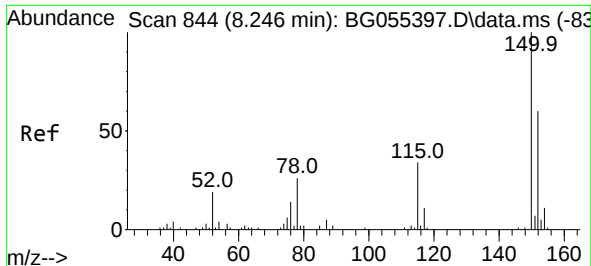
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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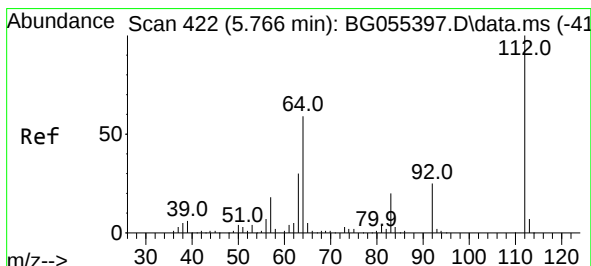
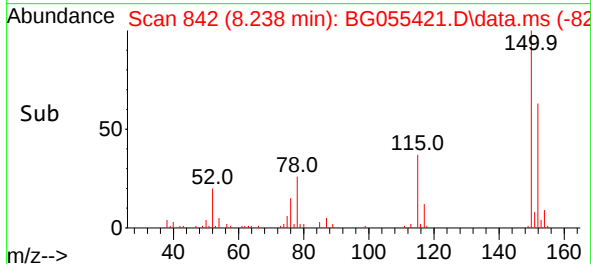
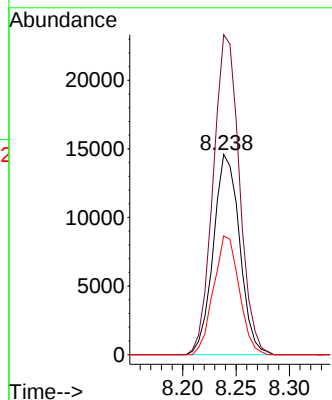
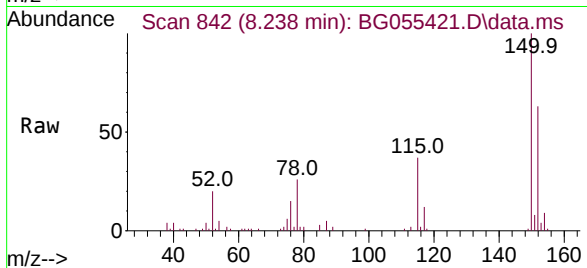




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.238 min Scan# 844
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

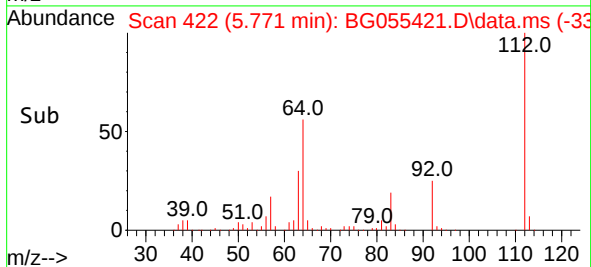
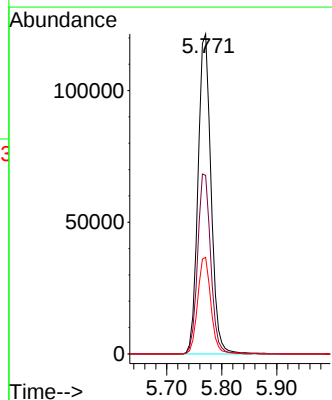
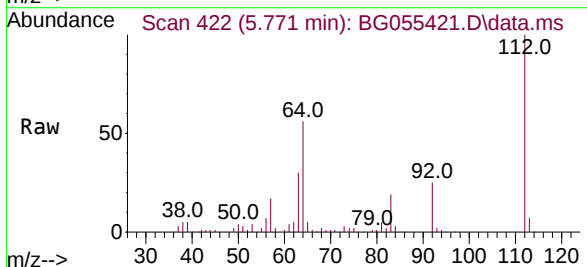
Instrument :
BNA_G
ClientSampleId :
TP-D

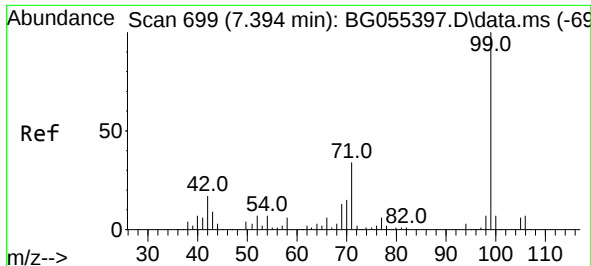
Tgt Ion:152 Resp: 25049
Ion Ratio Lower Upper
152 100
150 159.8 132.8 199.2
115 59.3 45.1 67.7



#5
2-Fluorophenol
Concen: 143.098 ng
RT: 5.771 min Scan# 422
Delta R.T. 0.004 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:112 Resp: 199597
Ion Ratio Lower Upper
112 100
64 55.8 47.2 70.8
63 30.2 24.3 36.5

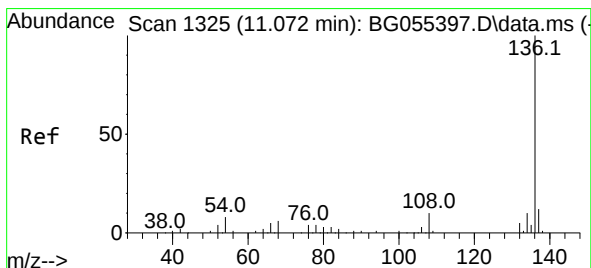
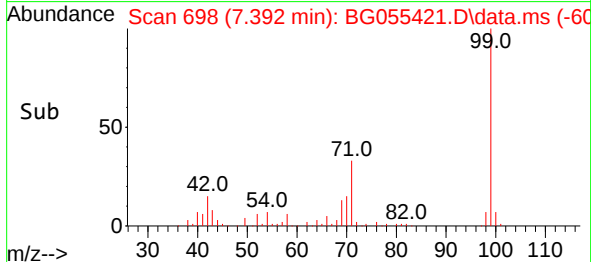
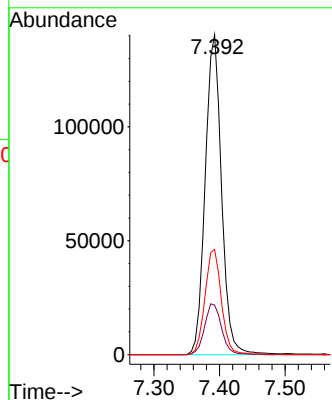
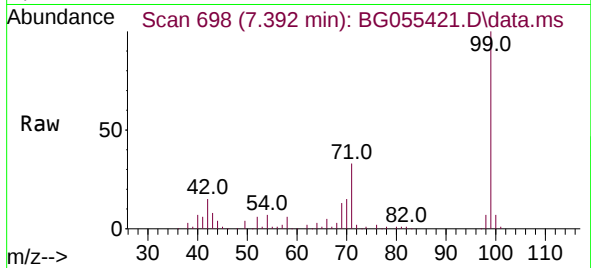




#7
Phenol-d6
Concen: 125.084 ng
RT: 7.392 min Scan# 699
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

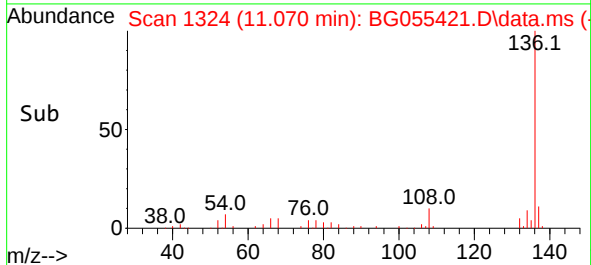
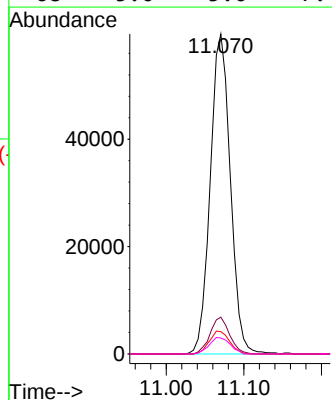
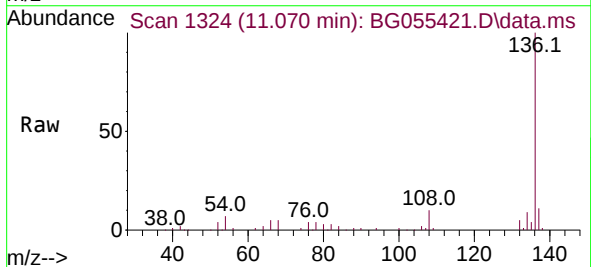
Instrument :
BNA_G
ClientSampleId :
TP-D

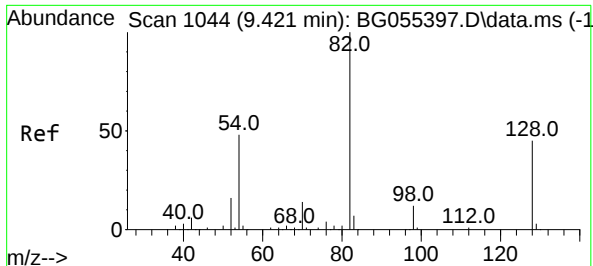
Tgt Ion: 99 Resp: 241947
Ion Ratio Lower Upper
99 100
42 15.5 13.5 20.3
71 32.9 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1324
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion: 136 Resp: 107359
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 6.9 6.1 9.1
68 5.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.989 ng

RT: 9.413 min Scan# 1042

Delta R.T. -0.008 min

Lab File: BG055421.D

Acq: 2 Nov 2022 19:07

Instrument :

BNA_G

ClientSampleId :

TP-D

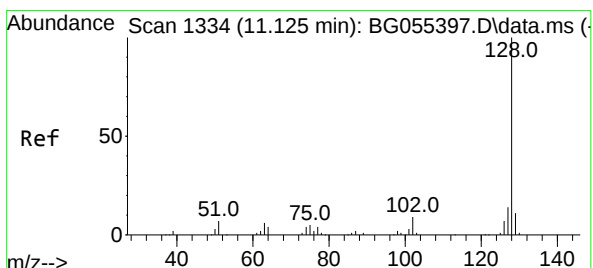
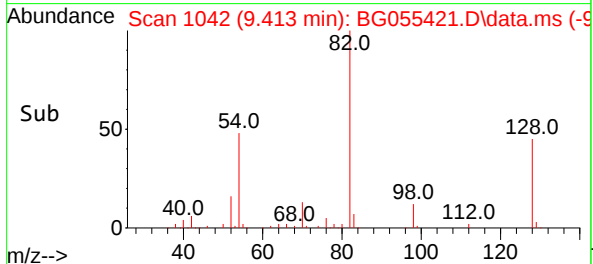
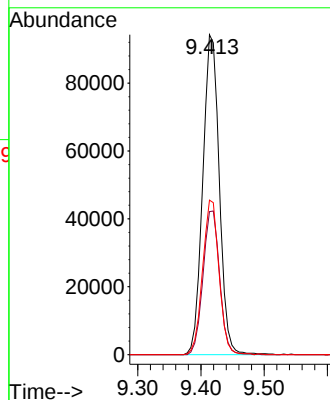
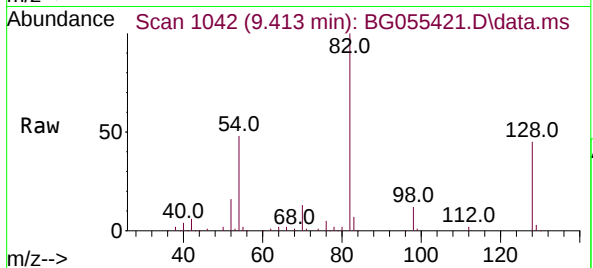
Tgt Ion: 82 Resp: 171204

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.8

54 48.3 38.1 57.1



#31

Naphthalene

Concen: 6.497 ng

RT: 11.123 min Scan# 1333

Delta R.T. -0.002 min

Lab File: BG055421.D

Acq: 2 Nov 2022 19:07

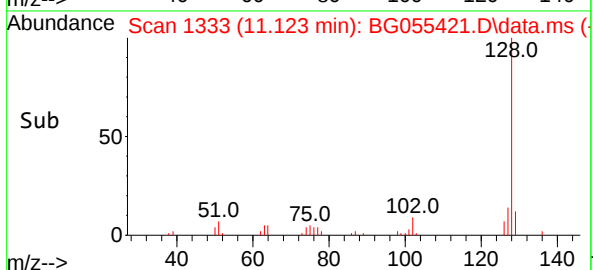
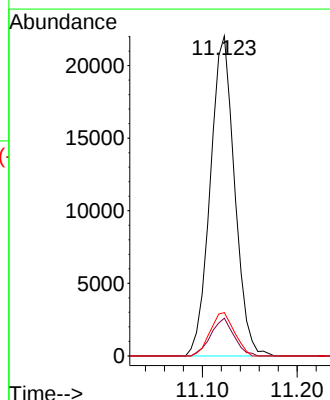
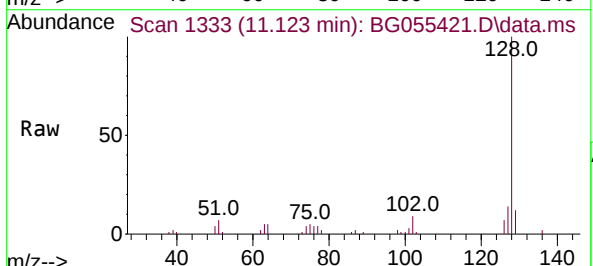
Tgt Ion:128 Resp: 39272

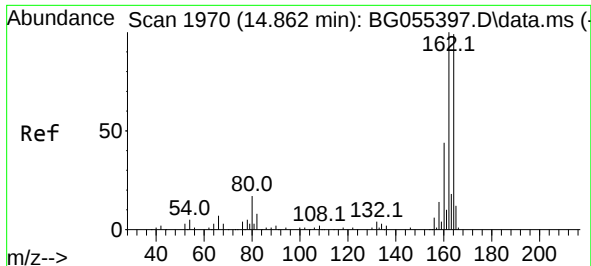
Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 13.5 10.8 16.2

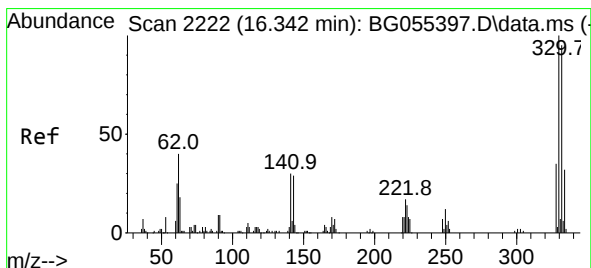
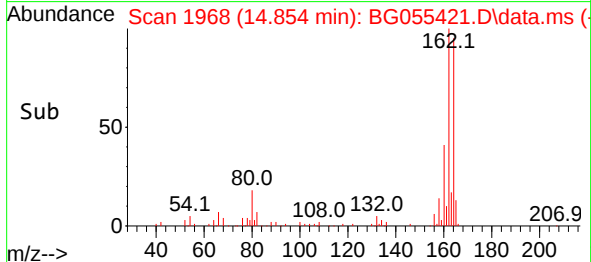
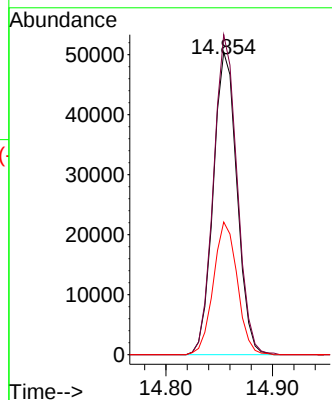
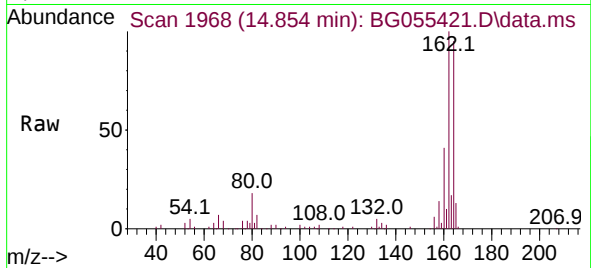




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

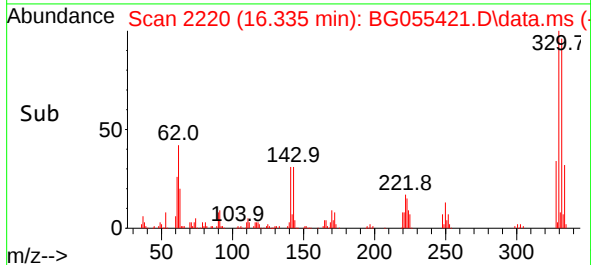
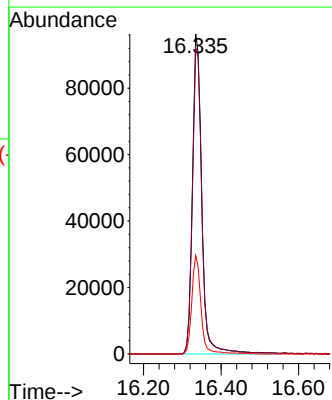
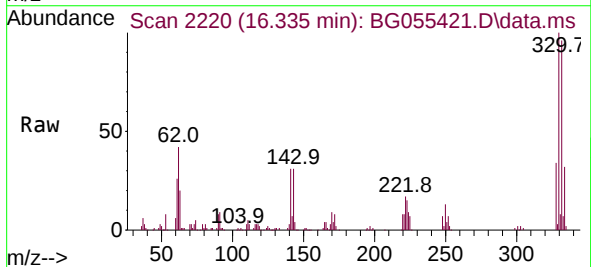
Instrument :
BNA_G
ClientSampleId :
TP-D

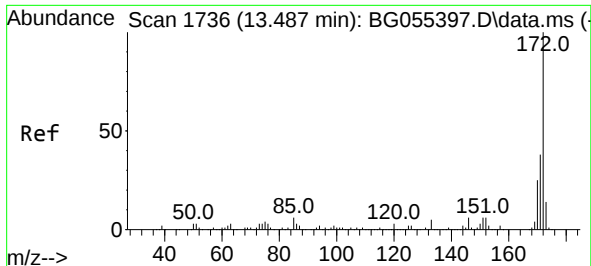
Tgt Ion:164 Resp: 78124
Ion Ratio Lower Upper
164 100
162 105.8 81.1 121.7
160 43.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 151.405 ng
RT: 16.335 min Scan# 2220
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:330 Resp: 161342
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 30.1 24.2 36.2

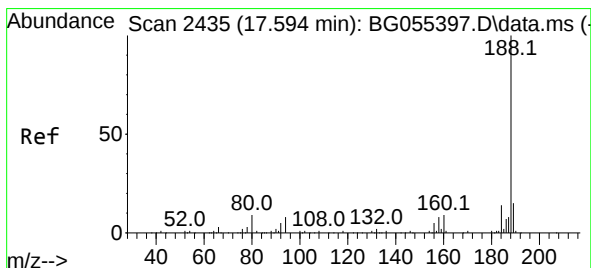
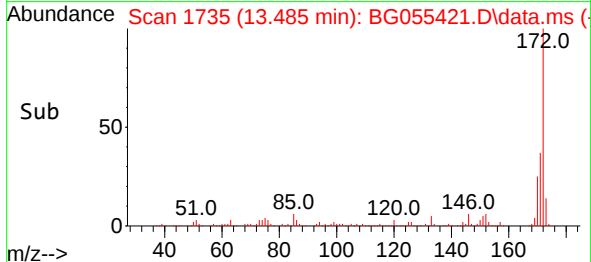
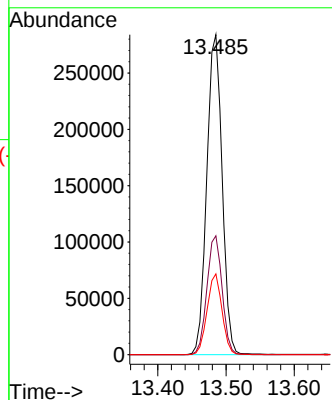
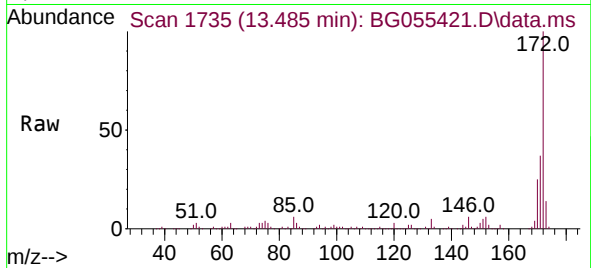




#45
2-Fluorobiphenyl
Concen: 84.453 ng
RT: 13.485 min Scan# 1735
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

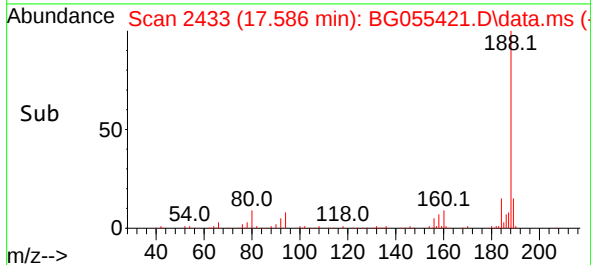
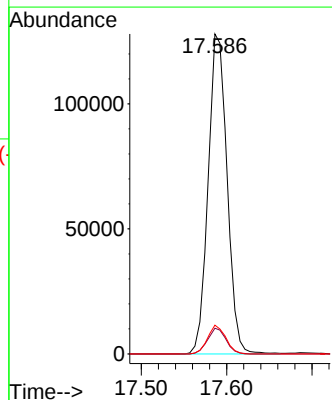
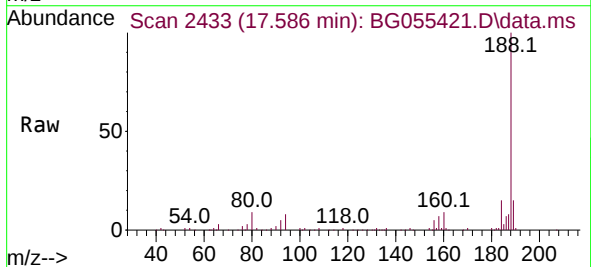
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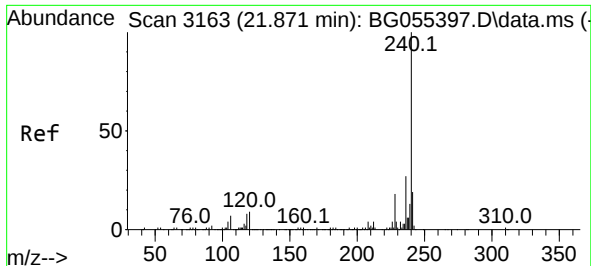
Tgt Ion:172 Resp: 444998
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 25.2 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.586 min Scan# 2433
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

Tgt Ion:188 Resp: 197284
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.0 7.4 11.0

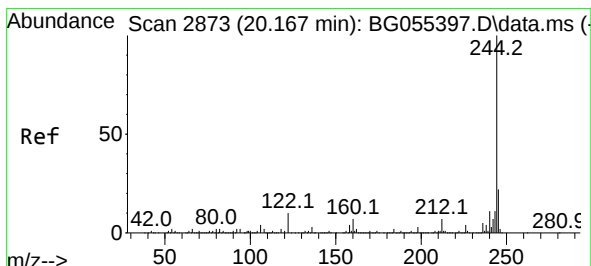
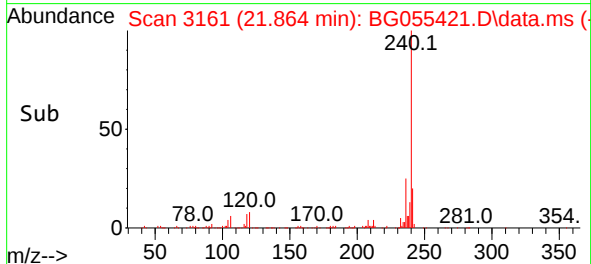
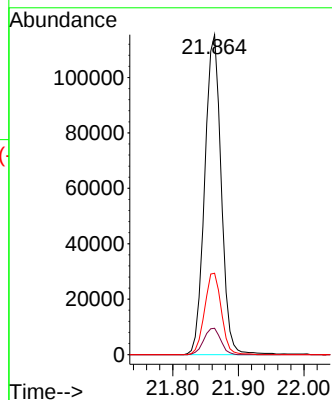
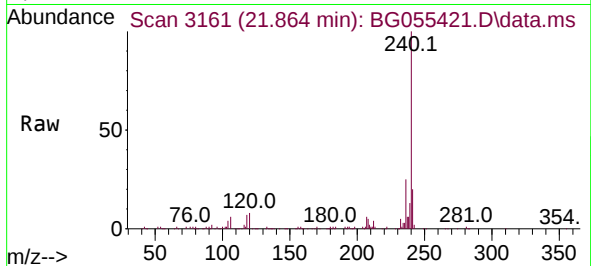




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.864 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

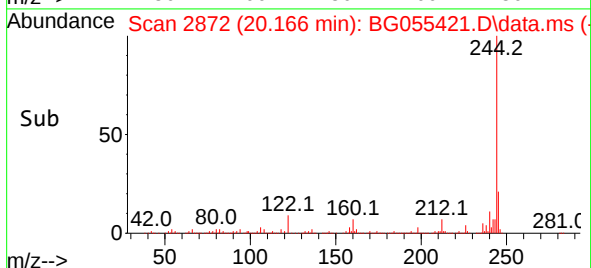
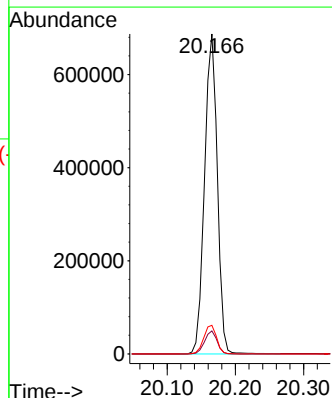
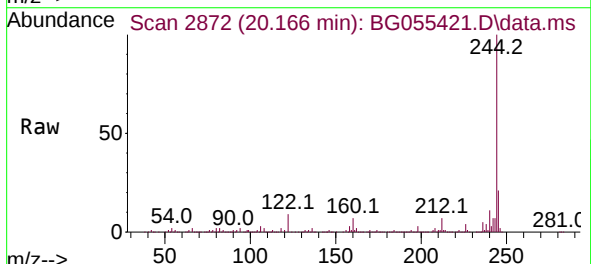
Instrument :
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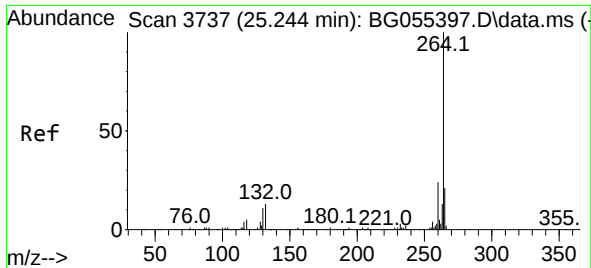
Tgt Ion:240 Resp: 200345
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.4 21.5 32.3



#79
Terphenyl-d14
Concen: 86.738 ng
RT: 20.166 min Scan# 2872
Delta R.T. -0.002 min
Lab File: BG055421.D
Acq: 2 Nov 2022 19:07

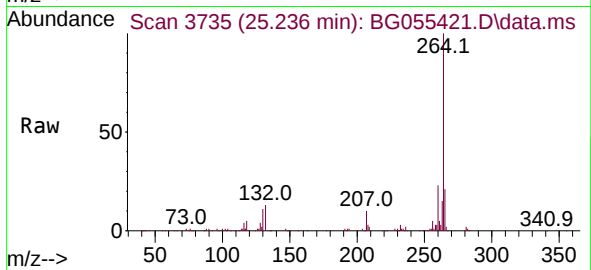
Tgt Ion:244 Resp: 893659
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 8.9 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.236 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG055421.D
 Acq: 2 Nov 2022 19:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-D



Tgt Ion:264 Resp: 211483

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.3	17.1	25.7

