

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055461.D
 Acq On : 4 Nov 2022 19:53
 Operator : CG/JU
 Sample : N5418-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-O

Quant Time: Nov 05 00:05:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	22750	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	91807	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	66006	20.000	ng	-0.01
64) Phenanthrene-d10	17.583	188	172491	20.000	ng	0.00
76) Chrysene-d12	21.854	240	191140	20.000	ng	0.00
86) Perylene-d12	25.221	264	205506	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	192340	151.830	ng	0.00
7) Phenol-d6	7.383	99	234207	133.318	ng	0.00
23) Nitrobenzene-d5	9.404	82	157508	91.435	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	152374	169.241	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	409869	92.067	ng	0.00
79) Terphenyl-d14	20.156	244	902860	91.851	ng	0.00

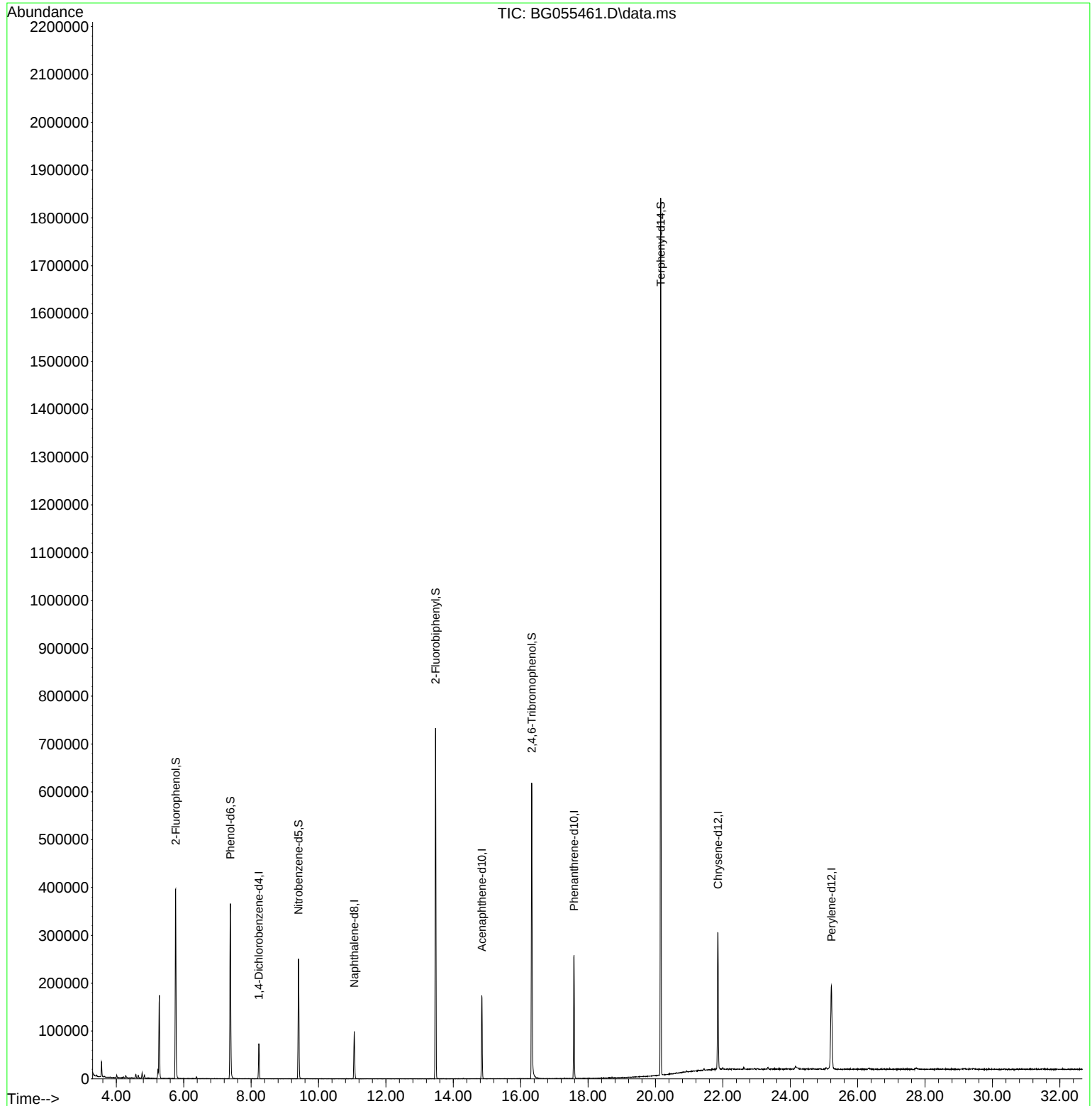
Target Compounds	Qvalue

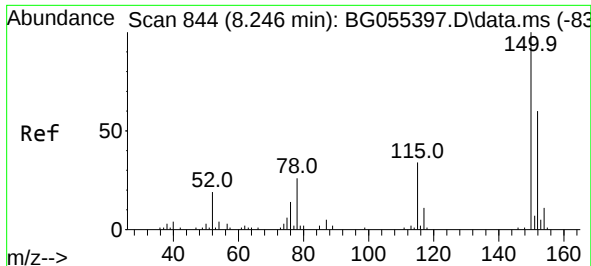
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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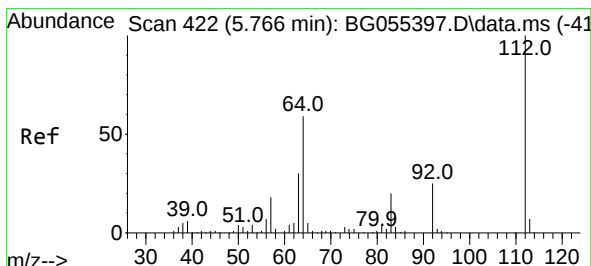
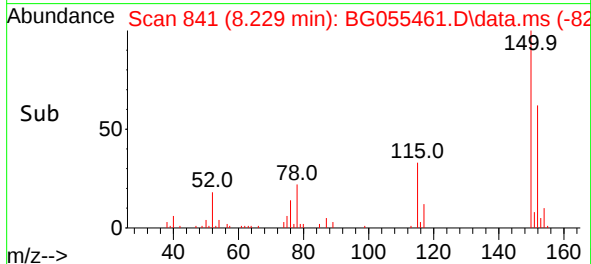
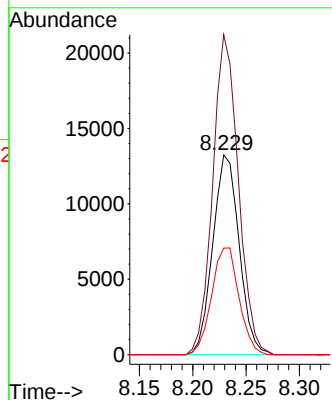
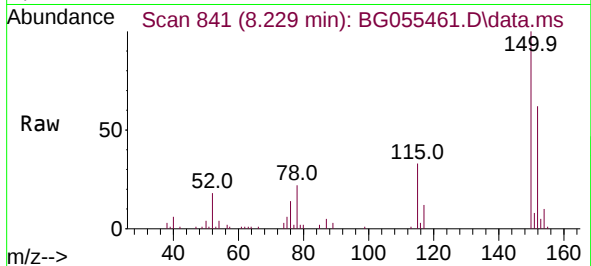




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 844
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

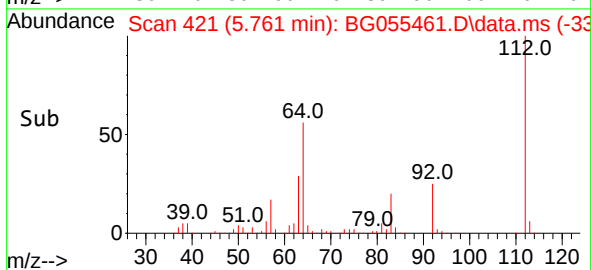
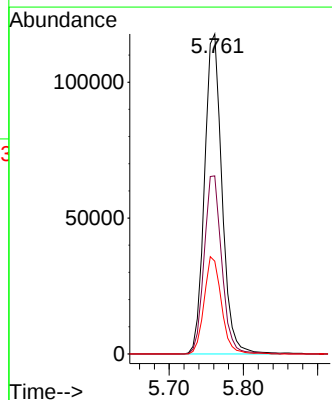
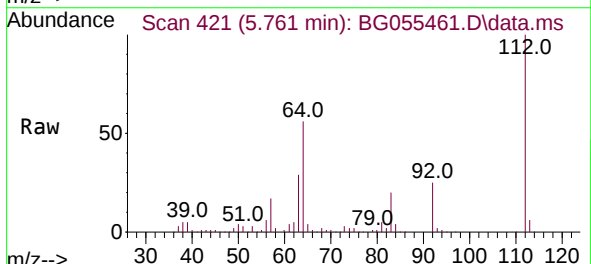
Instrument :
BNA_G
ClientSampleId :
TP-O

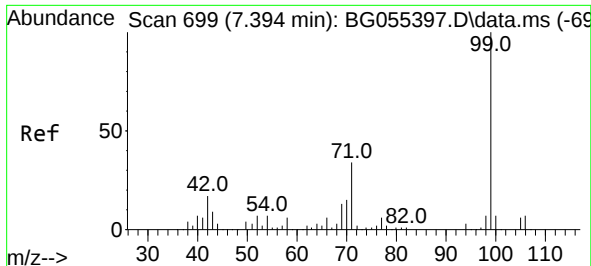
Tgt Ion:152 Resp: 22750
Ion Ratio Lower Upper
152 100
150 160.3 132.8 199.2
115 53.4 45.1 67.7



#5
2-Fluorophenol
Concen: 151.830 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.001 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:112 Resp: 192340
Ion Ratio Lower Upper
112 100
64 55.6 47.2 70.8
63 29.0 24.3 36.5

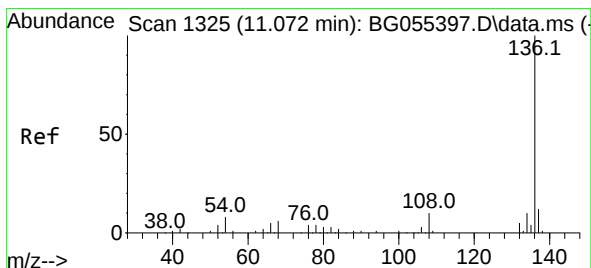
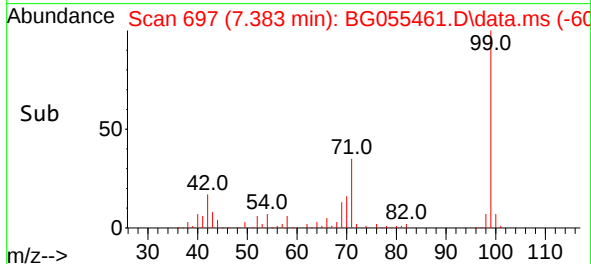
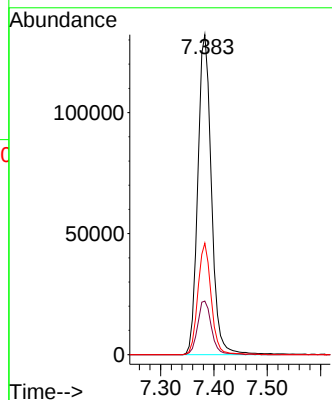
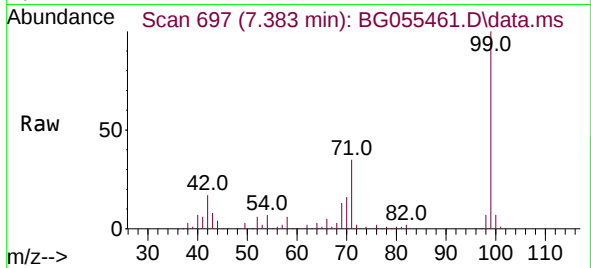




#7
Phenol-d6
Concen: 133.318 ng
RT: 7.383 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

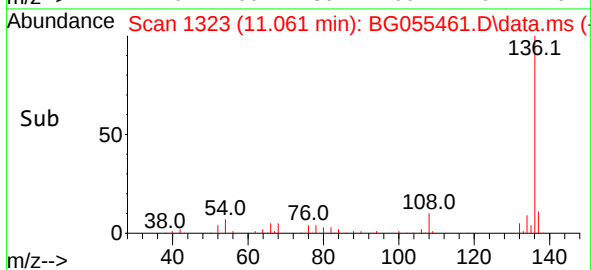
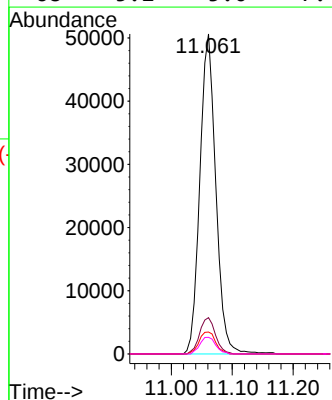
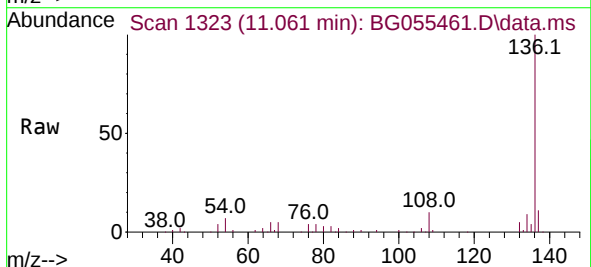
Instrument :
BNA_G
ClientSampleId :
TP-O

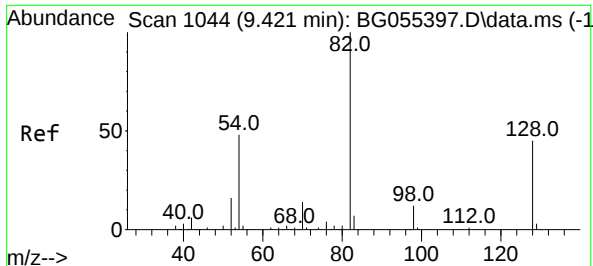
Tgt Ion: 99 Resp: 234207
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 34.8 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion: 136 Resp: 91807
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 6.8 6.1 9.1
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.435 ng

RT: 9.404 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055461.D

Acq: 4 Nov 2022 19:53

Instrument :

BNA_G

ClientSampleId :

TP-O

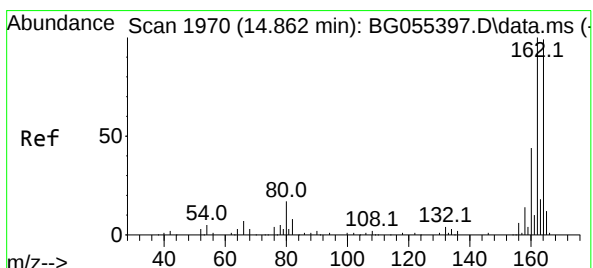
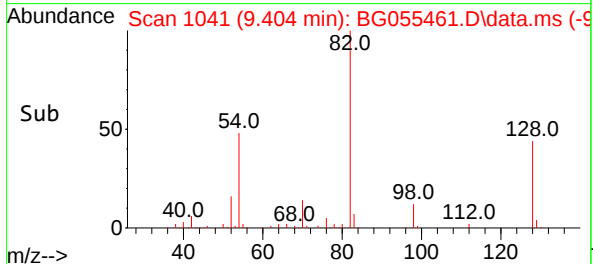
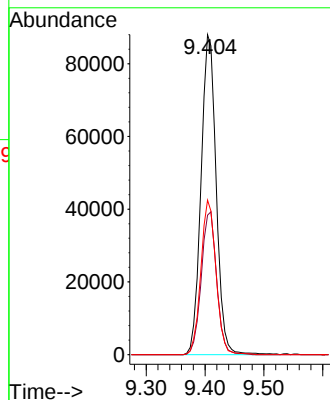
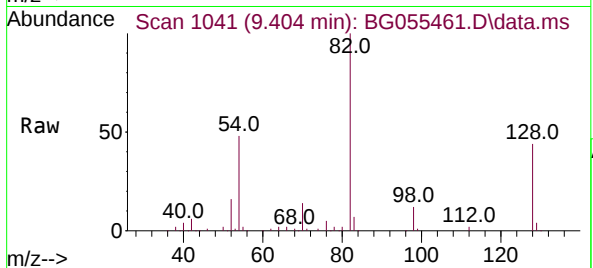
Tgt Ion: 82 Resp: 157508

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.8

54 48.3 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.845 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BG055461.D

Acq: 4 Nov 2022 19:53

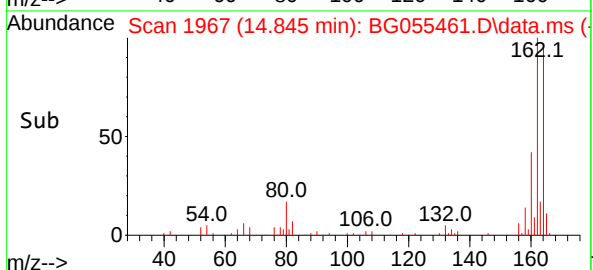
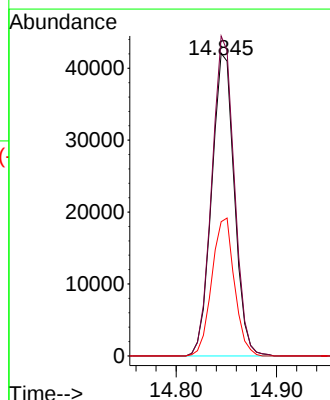
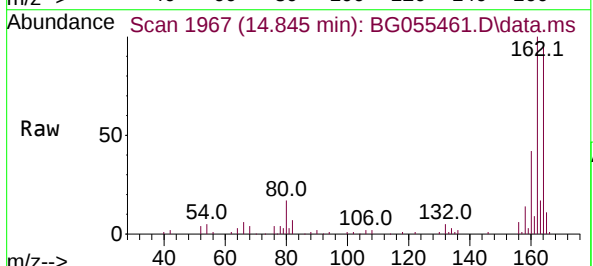
Tgt Ion: 164 Resp: 66006

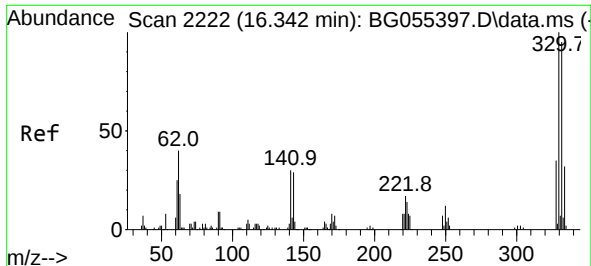
Ion Ratio Lower Upper

164 100

162 105.7 81.1 121.7

160 44.3 35.8 53.6

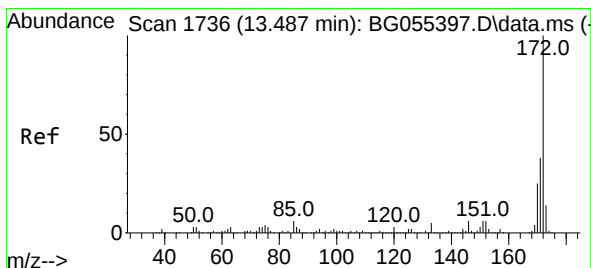
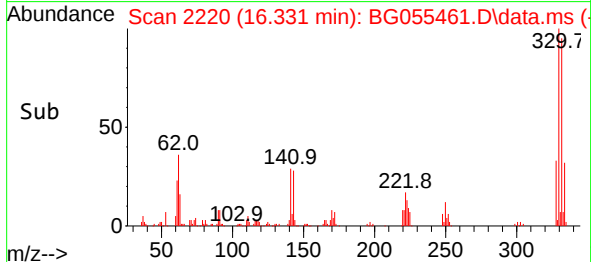
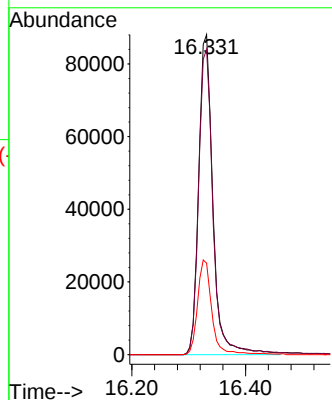
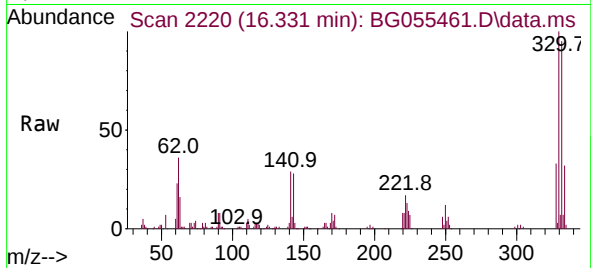




#42
2,4,6-Tribromophenol
Concen: 169.241 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

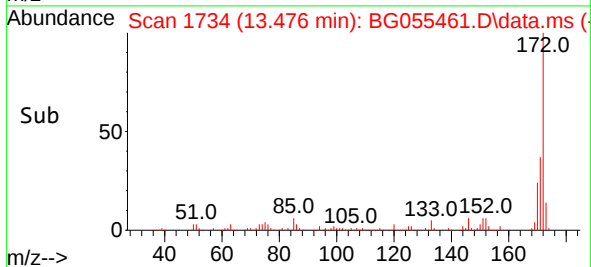
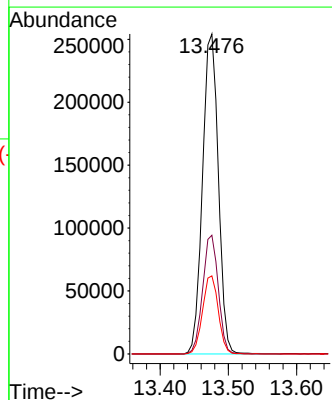
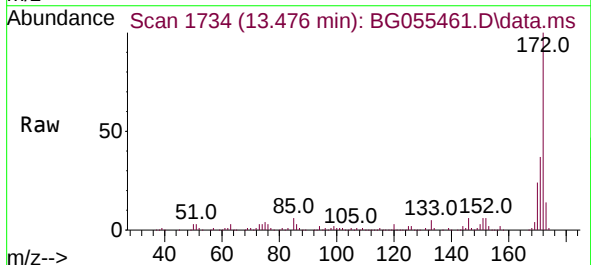
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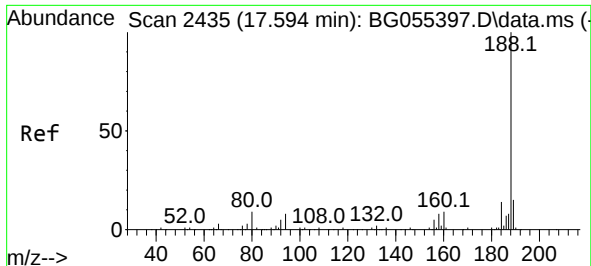
Tgt Ion:330 Resp: 152374
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 29.7 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 92.067 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:172 Resp: 409869
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.4 20.2 30.2

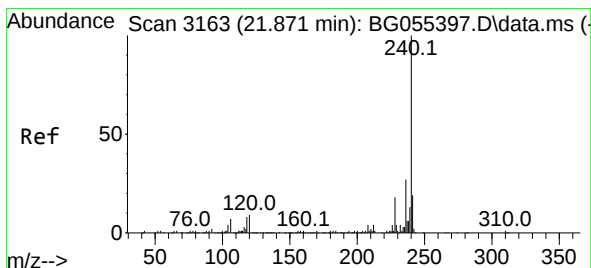
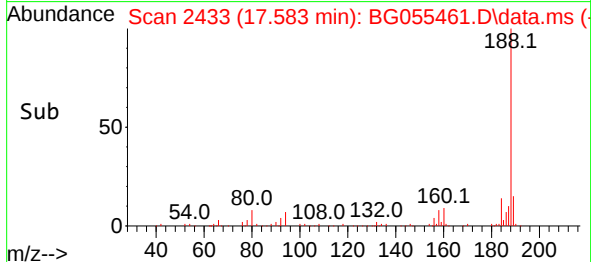
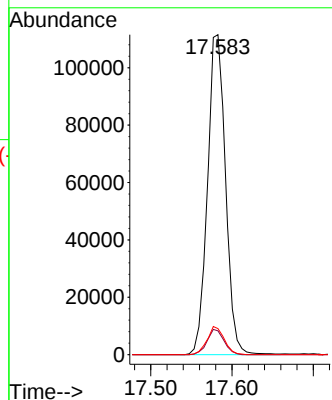
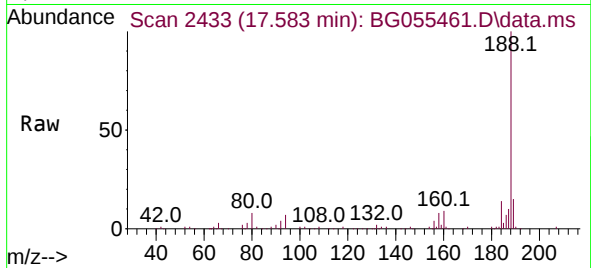




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

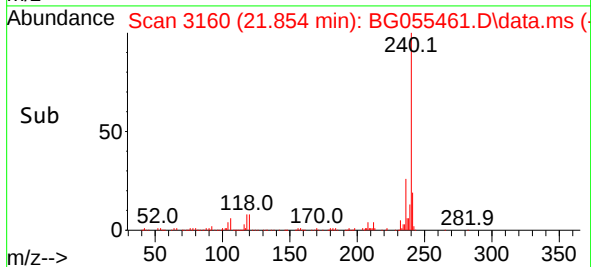
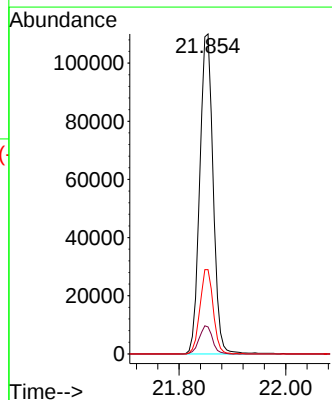
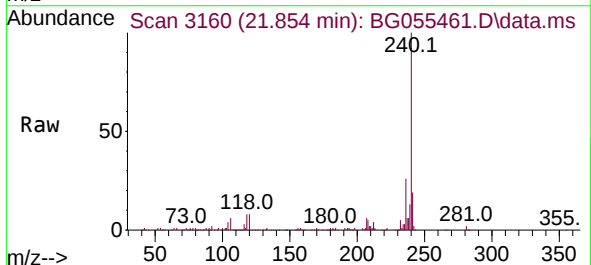
Instrument :
BNA_G
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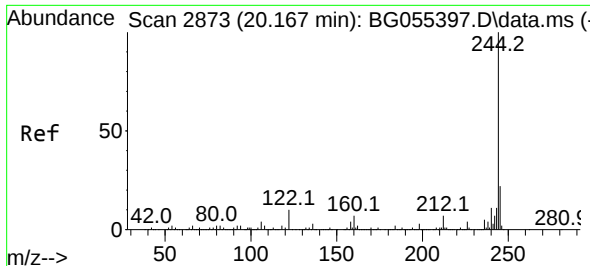
Tgt Ion:188 Resp: 172491
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055461.D
Acq: 4 Nov 2022 19:53

Tgt Ion:240 Resp: 191140
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.3 21.5 32.3

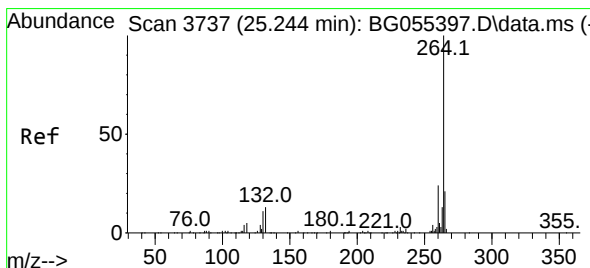
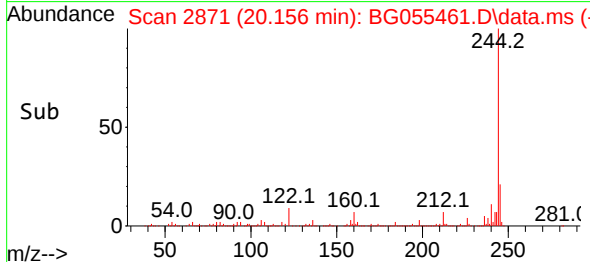
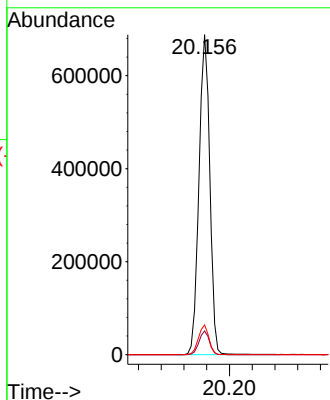
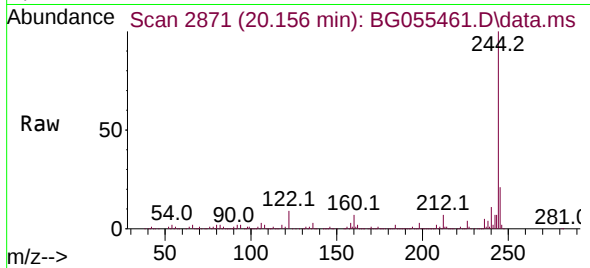




#79
 Terphenyl-d14
 Concen: 91.851 ng
 RT: 20.156 min Scan# 2871
 Delta R.T. -0.007 min
 Lab File: BG055461.D
 Acq: 4 Nov 2022 19:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-O

Tgt Ion:244 Resp: 902860
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.221 min Scan# 3733
 Delta R.T. -0.012 min
 Lab File: BG055461.D
 Acq: 4 Nov 2022 19:53

Tgt Ion:264 Resp: 205506
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 21.1 17.1 25.7

