

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055454.D
 Acq On : 4 Nov 2022 14:58
 Operator : CG/JU
 Sample : N5306-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

Quant Time: Nov 05 00:02:47 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	8.235	152	25279	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	103475	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	73686	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	185989	20.000	ng	0.00
76) Chrysene-d12	21.854	240	200613	20.000	ng	0.00
86) Perylene-d12	25.226	264	215175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	110066	78.192	ng	0.00
7) Phenol-d6	7.383	99	105966	54.285	ng	0.00
23) Nitrobenzene-d5	9.410	82	166946	85.986	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	148988	148.233	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	431010	86.725	ng	0.00
79) Terphenyl-d14	20.156	244	862051	83.558	ng	0.00

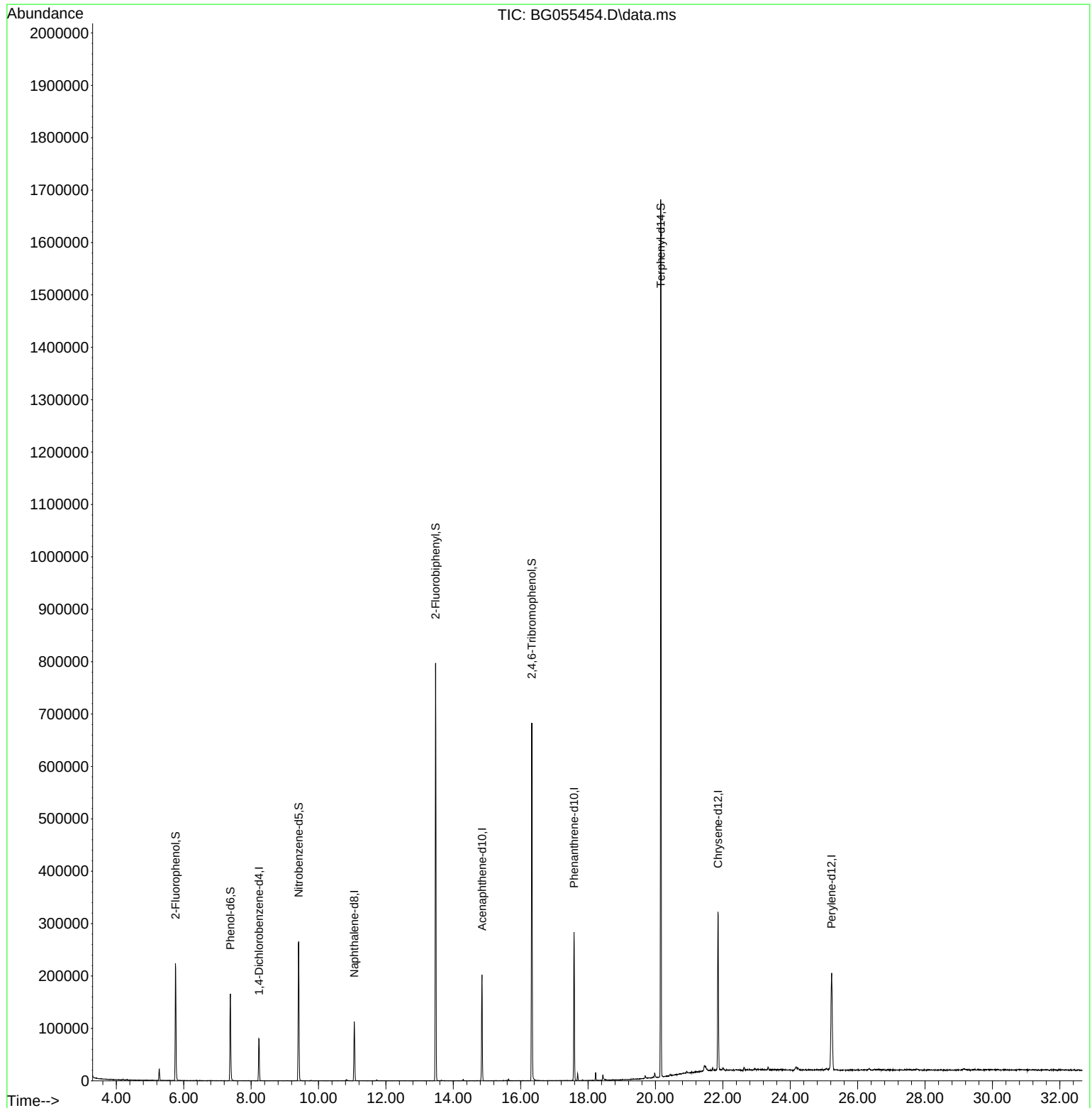
Target Compounds Qvalue

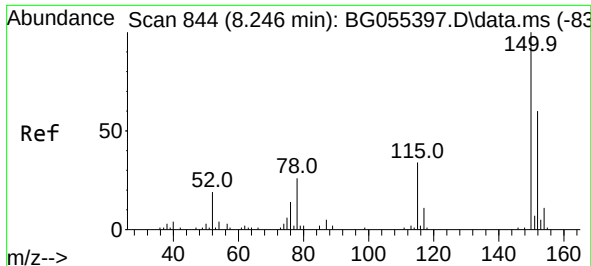
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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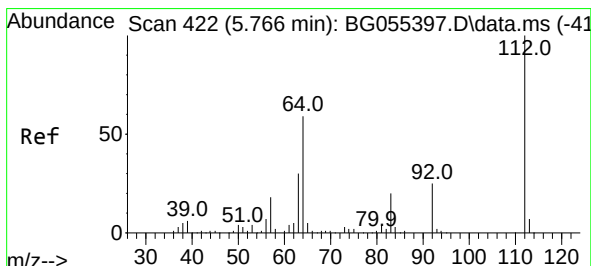
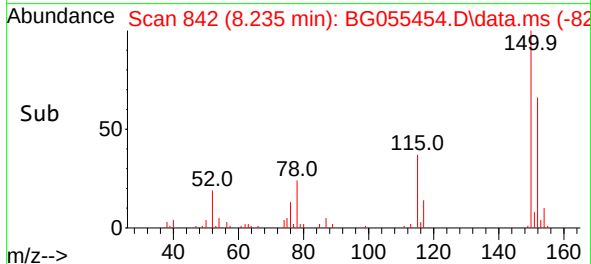
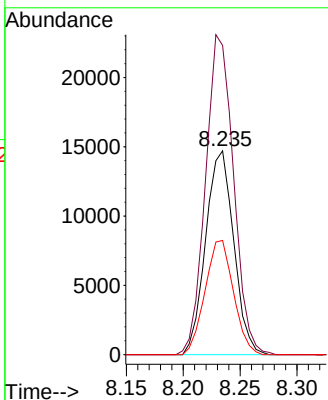
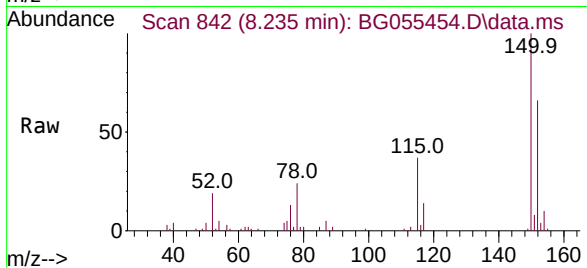




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

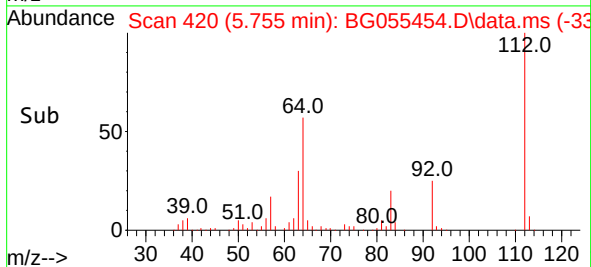
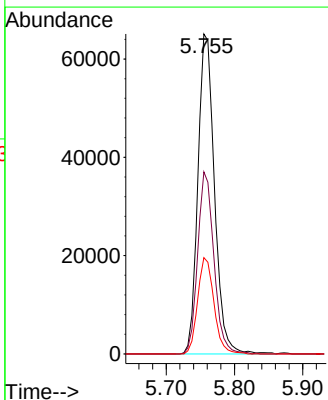
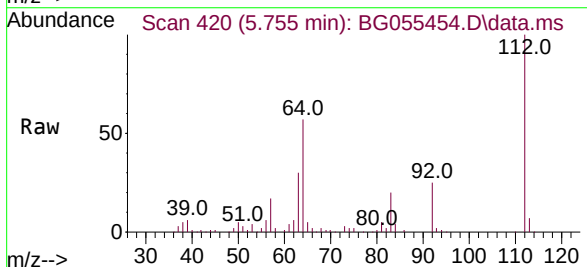
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

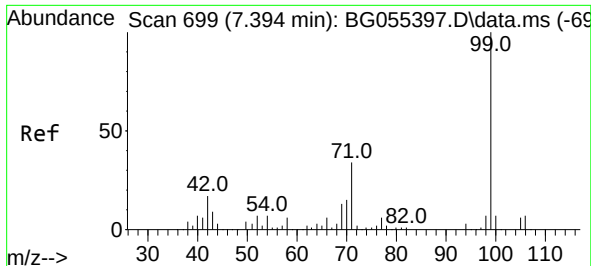
Tgt Ion:152 Resp: 25279
Ion Ratio Lower Upper
152 100
150 151.7 132.8 199.2
115 56.0 45.1 67.7



#5
2-Fluorophenol
Concen: 78.192 ng
RT: 5.755 min Scan# 420
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:112 Resp: 110066
Ion Ratio Lower Upper
112 100
64 56.9 47.2 70.8
63 30.1 24.3 36.5

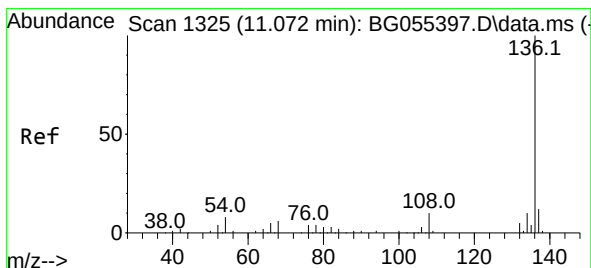
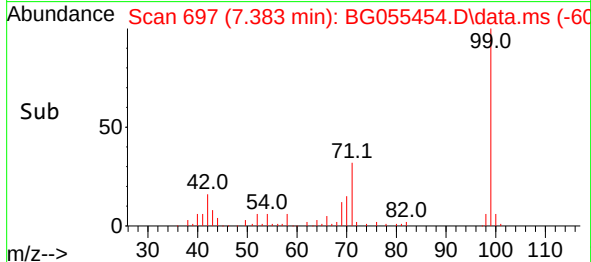
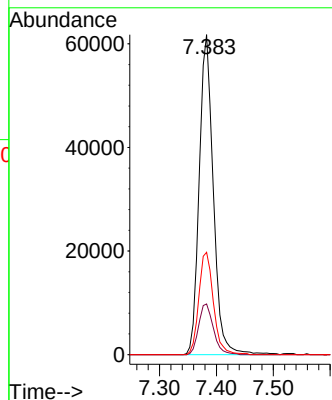
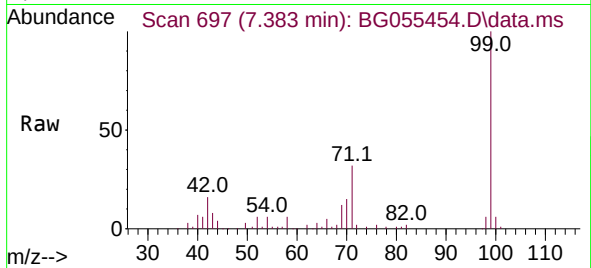




#7
Phenol-d6
Concen: 54.285 ng
RT: 7.383 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

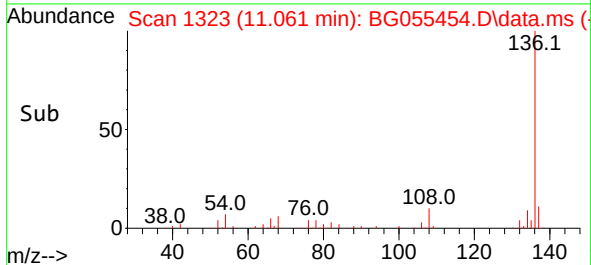
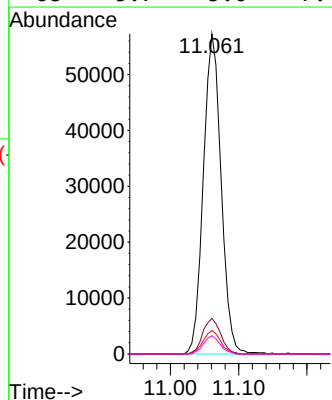
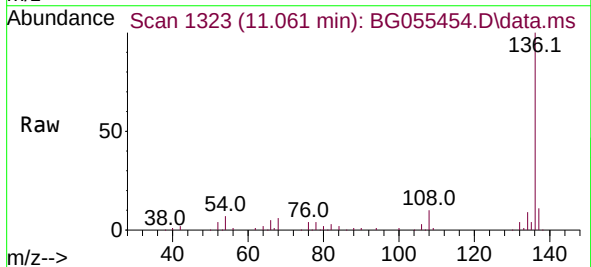
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

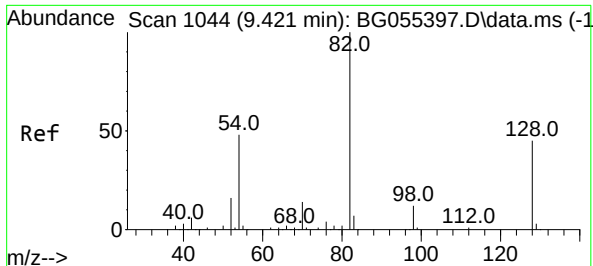
Tgt Ion: 99 Resp: 105966
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 32.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion: 136 Resp: 103475
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 7.3 6.1 9.1
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.986 ng

RT: 9.410 min Scan# 1042

Delta R.T. -0.001 min

Lab File: BG055454.D

Acq: 4 Nov 2022 14:58

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

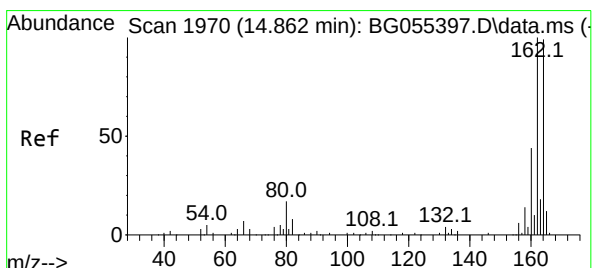
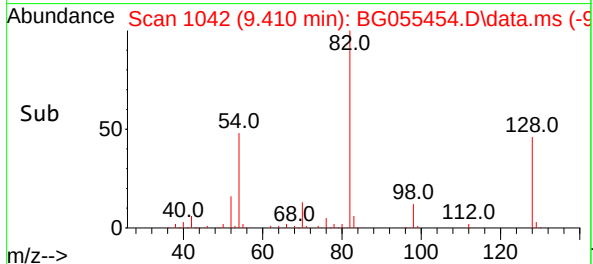
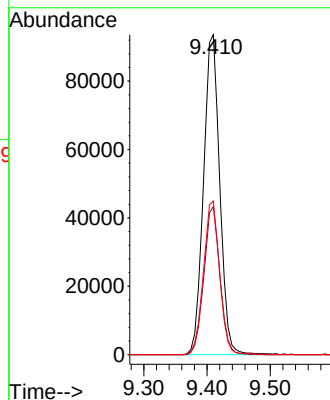
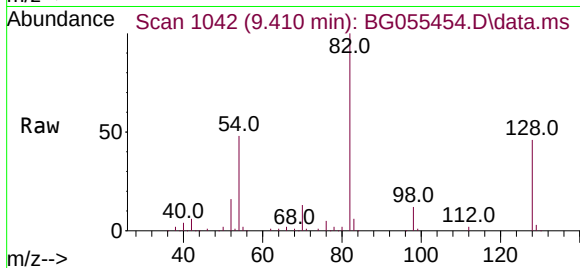
Tgt Ion: 82 Resp: 166946

Ion Ratio Lower Upper

82 100

128 46.2 35.8 53.8

54 48.0 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.850 min Scan# 1968

Delta R.T. -0.007 min

Lab File: BG055454.D

Acq: 4 Nov 2022 14:58

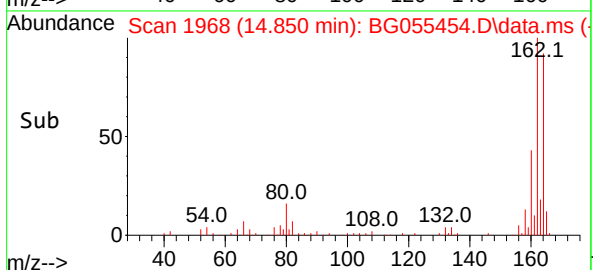
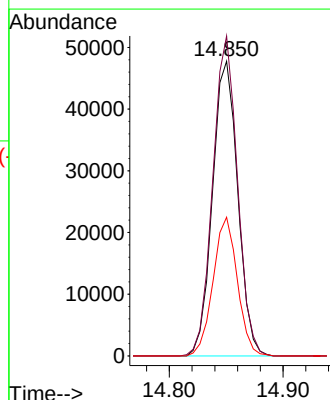
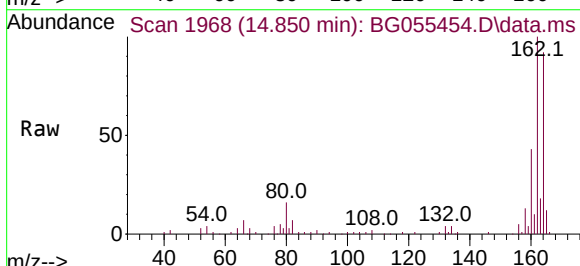
Tgt Ion: 164 Resp: 73686

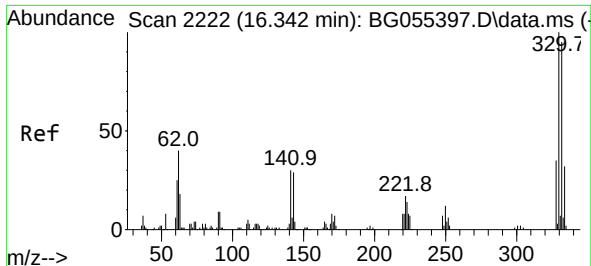
Ion Ratio Lower Upper

164 100

162 108.6 81.1 121.7

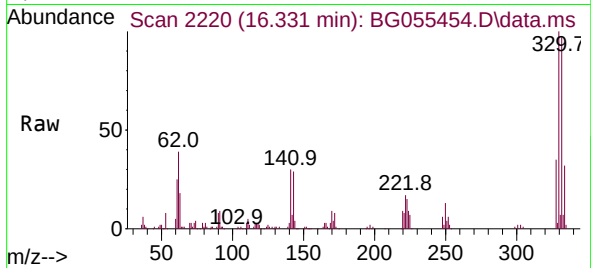
160 47.0 35.8 53.6



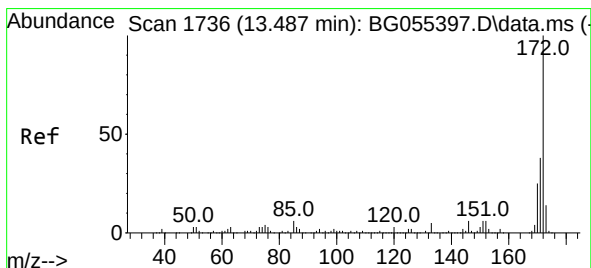
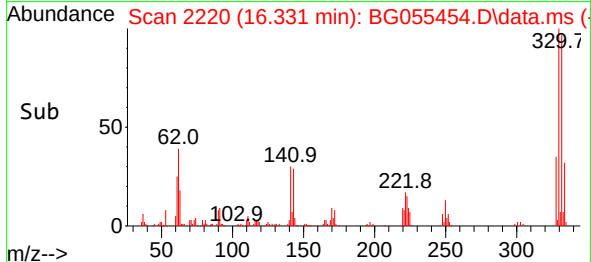
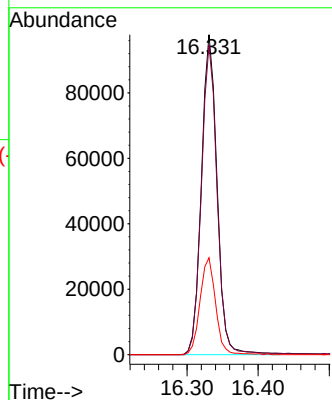


#42
2,4,6-Tribromophenol
Concen: 148.233 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Instrument : BNA_G
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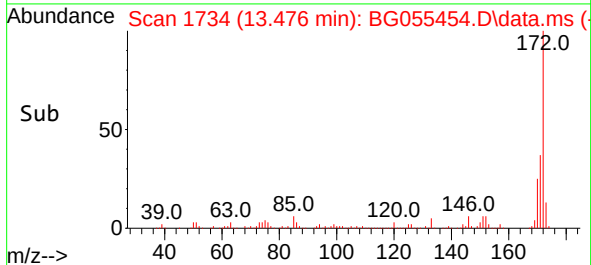
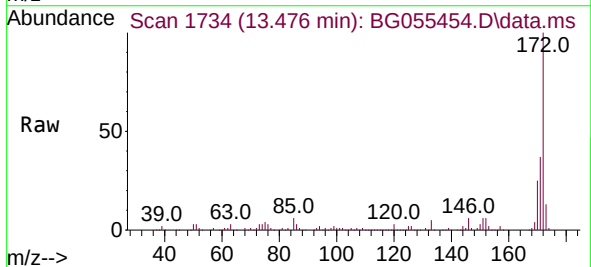
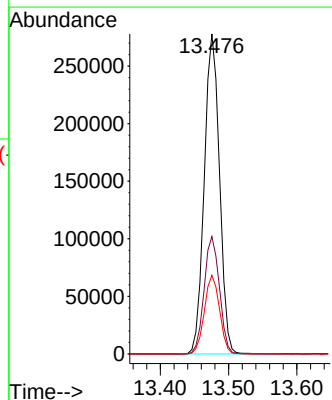


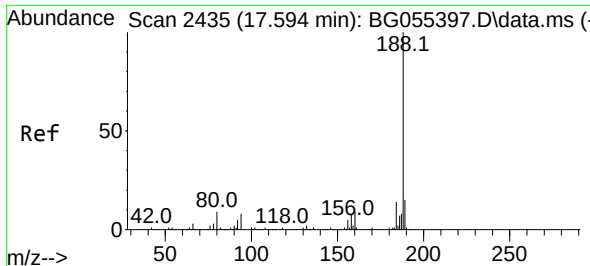
Tgt Ion:330 Resp: 148988
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 30.0 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 86.725 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:172 Resp: 431010
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.2
170 24.6 20.2 30.2

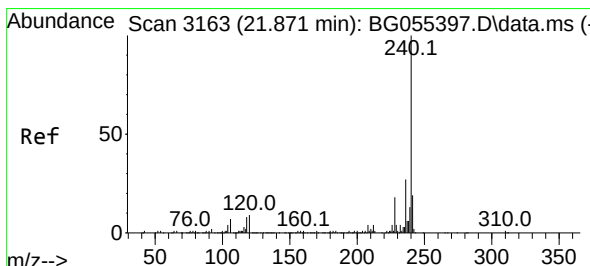
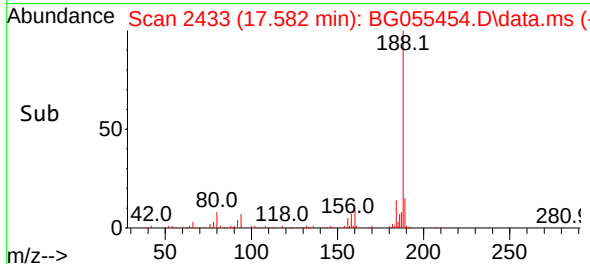
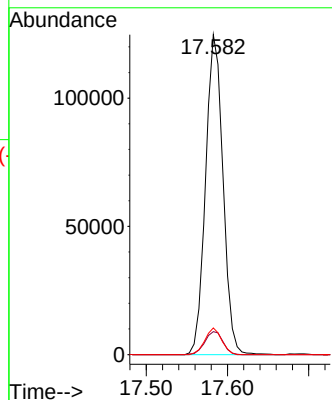
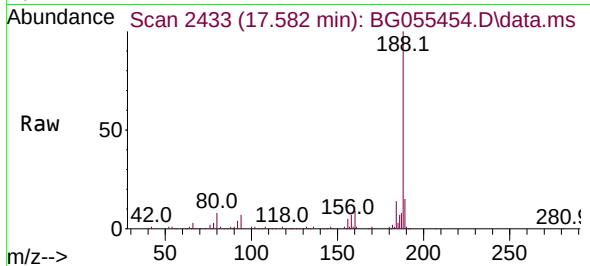




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

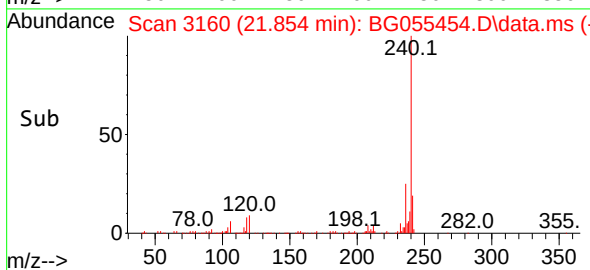
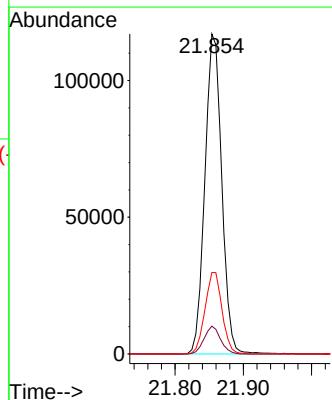
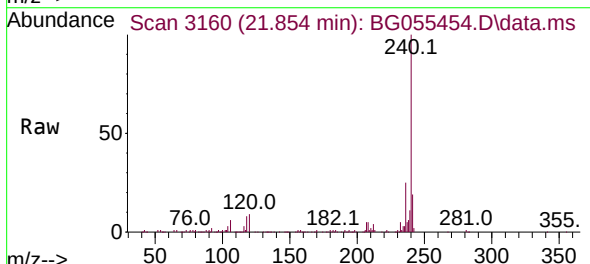
Instrument : BNA_G
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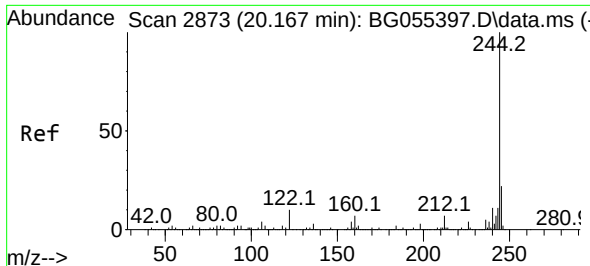
Tgt Ion:188 Resp: 185989
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:240 Resp: 200613
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.4 21.5 32.3

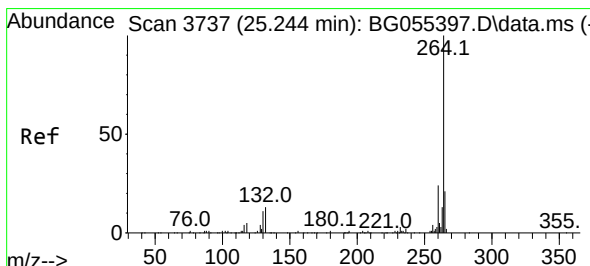
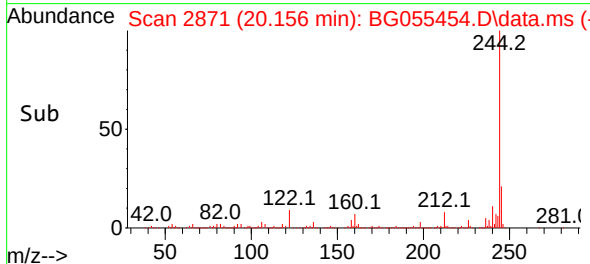
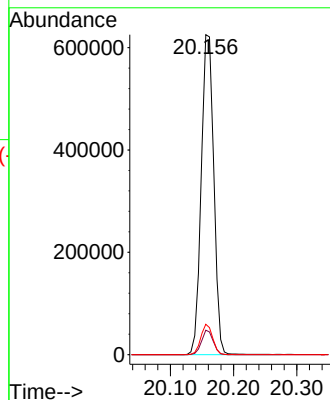
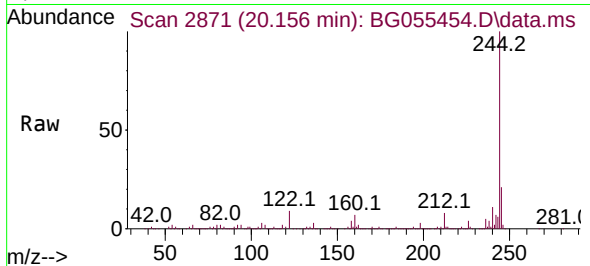




#79
 Terphenyl-d14
 Concen: 83.558 ng
 RT: 20.156 min Scan# 2871
 Delta R.T. -0.007 min
 Lab File: BG055454.D
 Acq: 4 Nov 2022 14:58

Instrument : BNA_G
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Tgt Ion:244 Resp: 862051
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.5 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.226 min Scan# 3734
 Delta R.T. -0.007 min
 Lab File: BG055454.D
 Acq: 4 Nov 2022 14:58

Tgt Ion:264 Resp: 215175
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.9 28.3
 265 21.5 17.1 25.7

