

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055453.D
 Acq On : 4 Nov 2022 14:16
 Operator : CG/JU
 Sample : N5306-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

Quant Time: Nov 05 00:02:34 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	8.230	152	25080	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	99639	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	70604	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	178288	20.000	ng	0.00
76) Chrysene-d12	21.855	240	195403	20.000	ng	0.00
86) Perylene-d12	25.221	264	210808	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	152877	109.467	ng	0.00
7) Phenol-d6	7.384	99	162660	83.990	ng	0.00
23) Nitrobenzene-d5	9.405	82	195240	104.430	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	179885	186.786	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	496498	104.263	ng	0.00
79) Terphenyl-d14	20.157	244	920922	91.645	ng	0.00

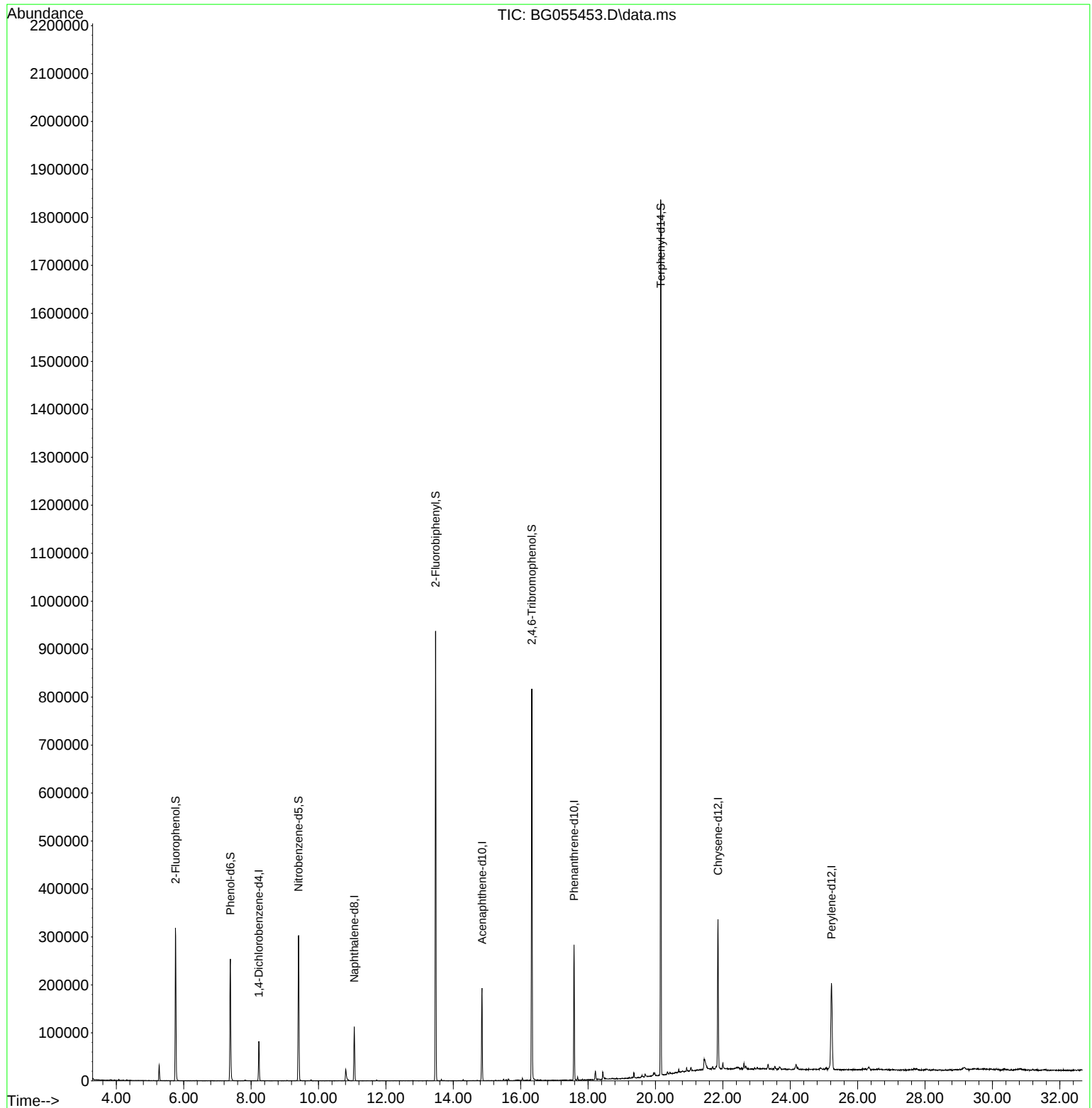
Target Compounds Qvalue

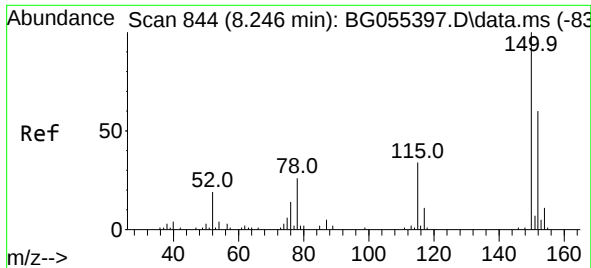
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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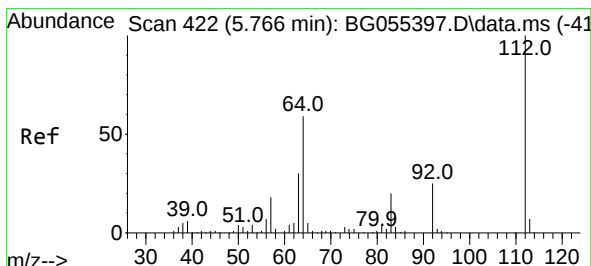
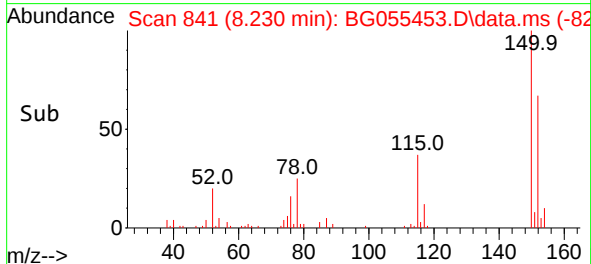
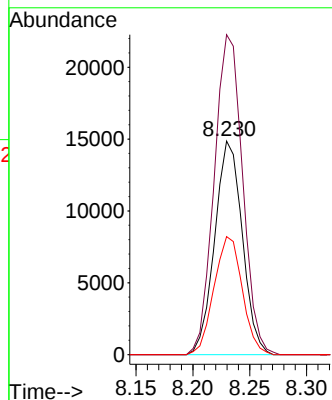
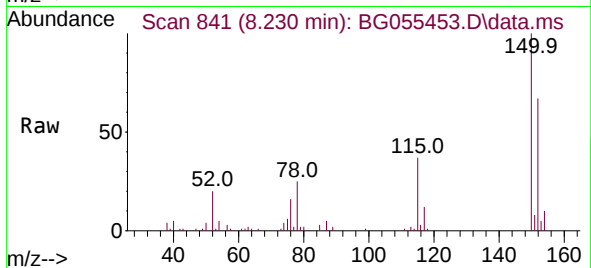




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

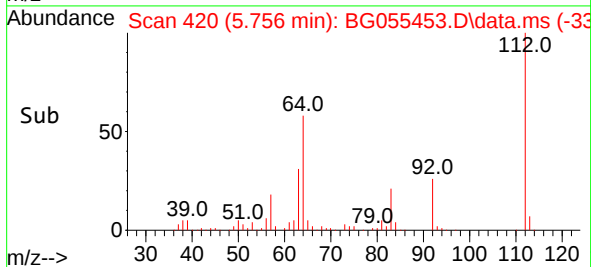
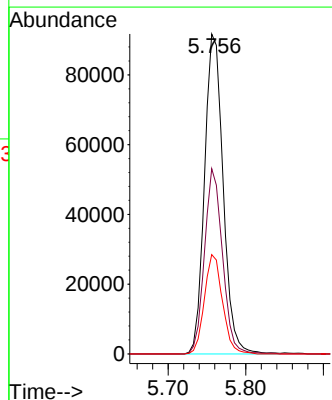
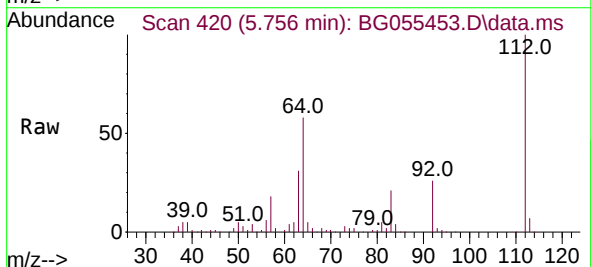
Instrument :
BNA_G
ClientSampleId :
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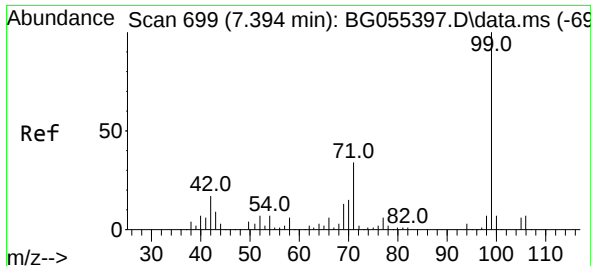
Tgt Ion:152 Resp: 25080
Ion Ratio Lower Upper
152 100
150 149.9 132.8 199.2
115 55.3 45.1 67.7



#5
2-Fluorophenol
Concen: 109.467 ng
RT: 5.756 min Scan# 420
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion:112 Resp: 152877
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 31.0 24.3 36.5

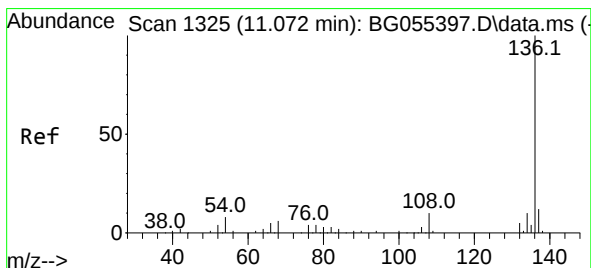
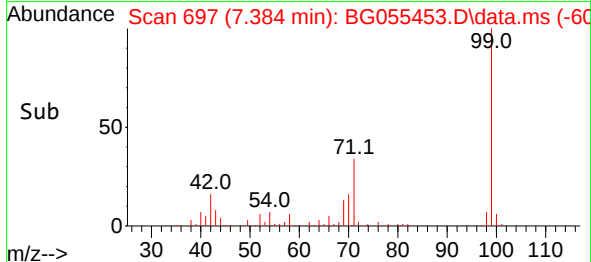
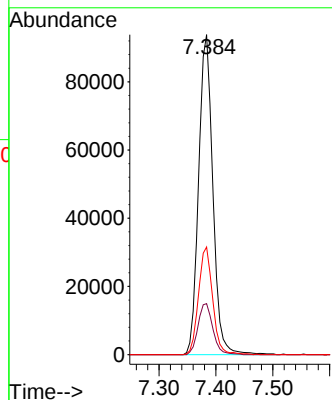
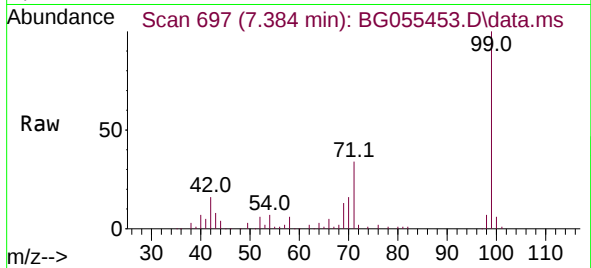




#7
Phenol-d6
Concen: 83.990 ng
RT: 7.384 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

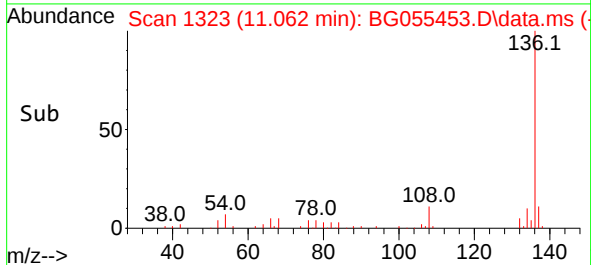
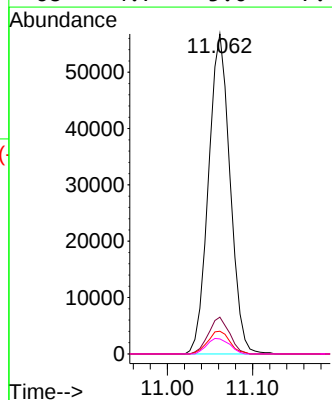
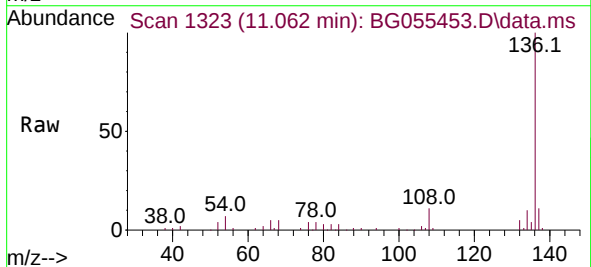
Instrument :
BNA_G
ClientSampleId :
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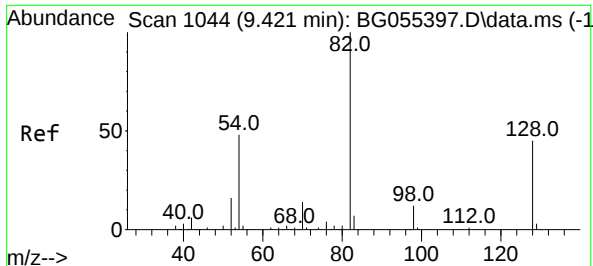
Tgt Ion: 99 Resp: 162660
Ion Ratio Lower Upper
99 100
42 15.9 13.5 20.3
71 33.6 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion: 136 Resp: 99639
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 7.1 6.1 9.1
68 4.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 104.430 ng

RT: 9.405 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BG055453.D

Acq: 4 Nov 2022 14:16

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221168-COMP-03-MODIFIED-ELUTRIATE

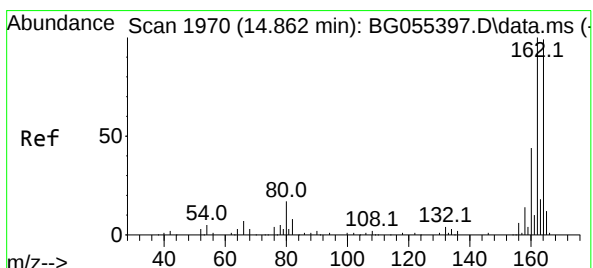
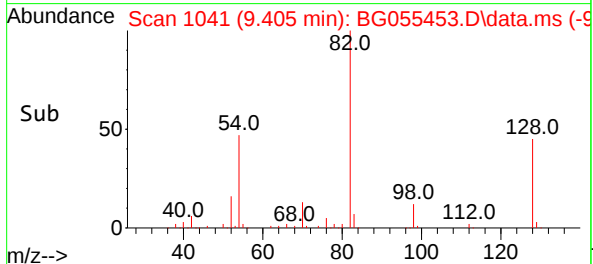
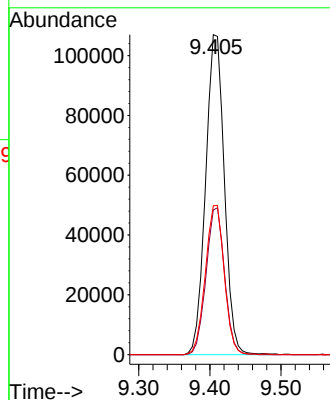
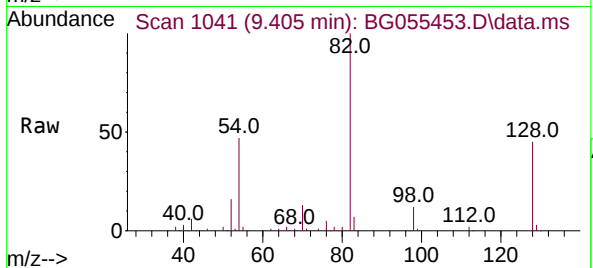
Tgt Ion: 82 Resp: 195240

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.8

54 46.5 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BG055453.D

Acq: 4 Nov 2022 14:16

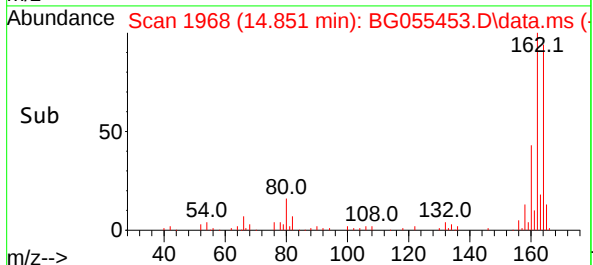
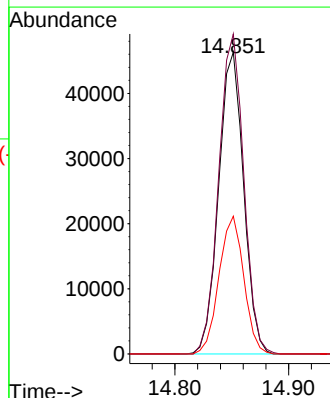
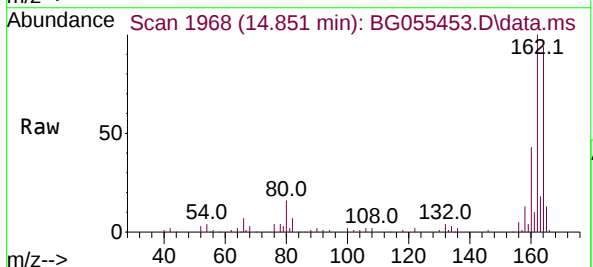
Tgt Ion: 164 Resp: 70604

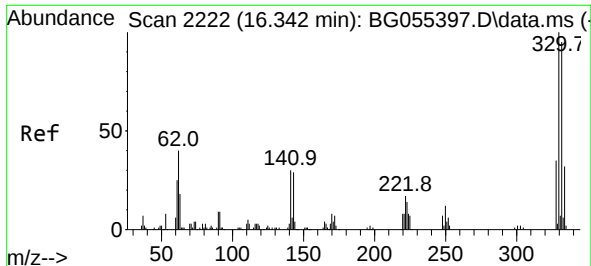
Ion Ratio Lower Upper

164 100

162 106.1 81.1 121.7

160 45.6 35.8 53.6

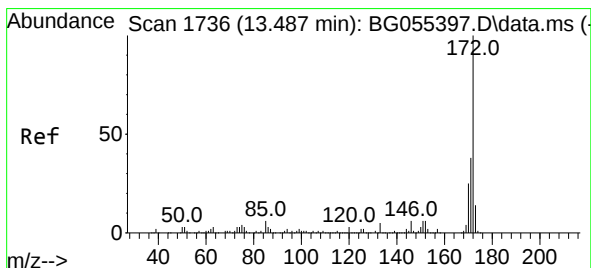
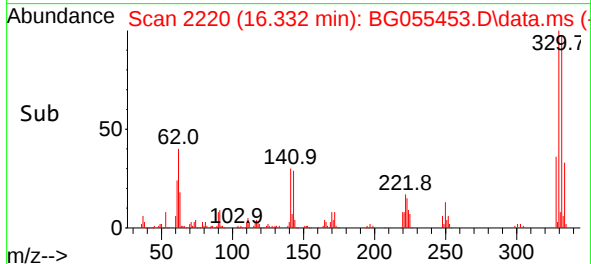
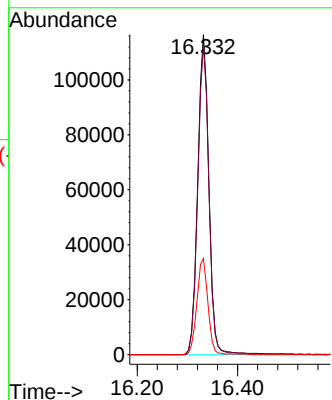
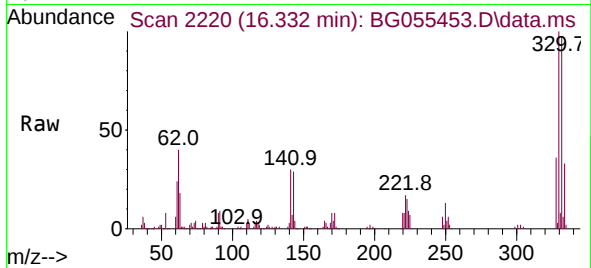




#42
2,4,6-Tribromophenol
Concen: 186.786 ng
RT: 16.332 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

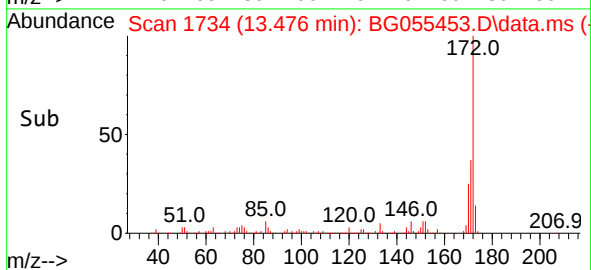
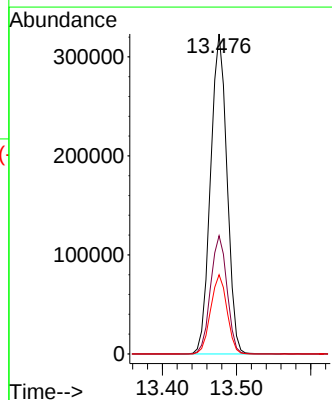
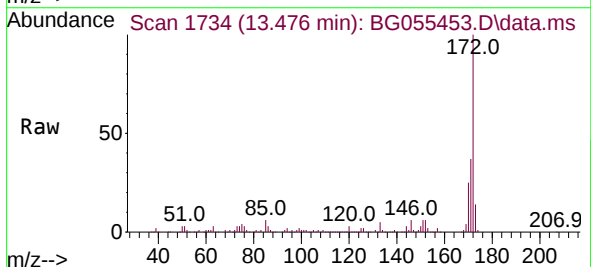
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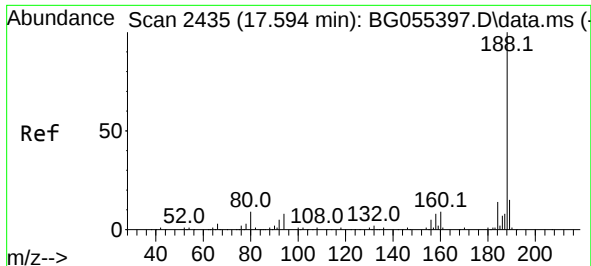
Tgt Ion:330 Resp: 179885
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 29.6 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 104.263 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

Tgt Ion:172 Resp: 496498
Ion Ratio Lower Upper
172 100
171 36.9 30.2 45.2
170 24.7 20.2 30.2

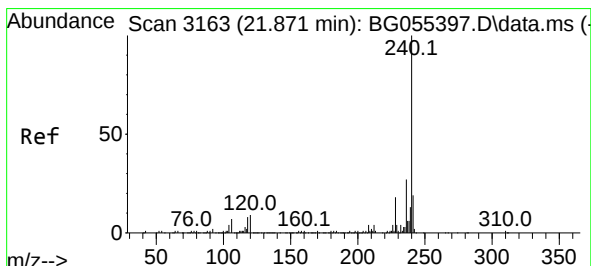
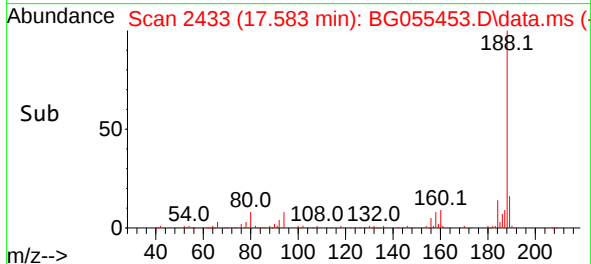
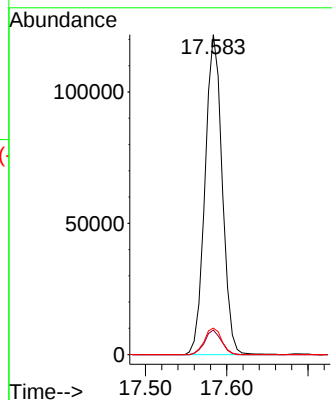
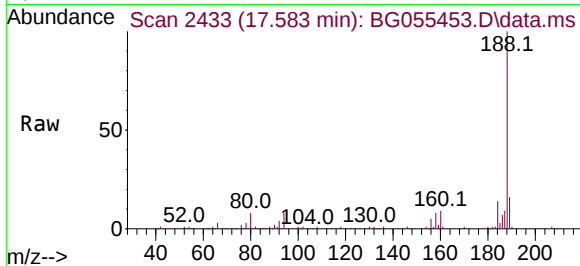




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

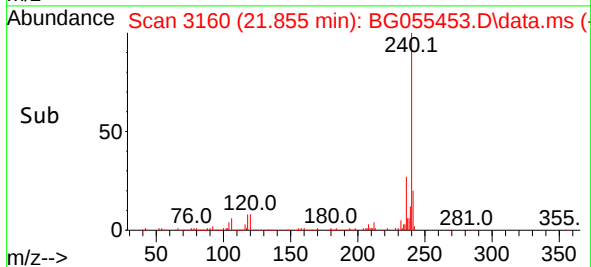
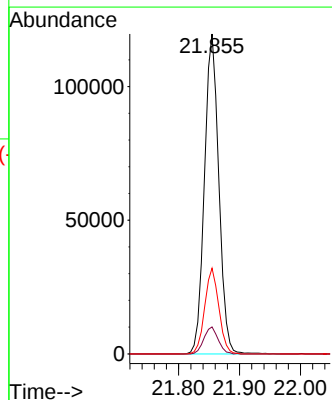
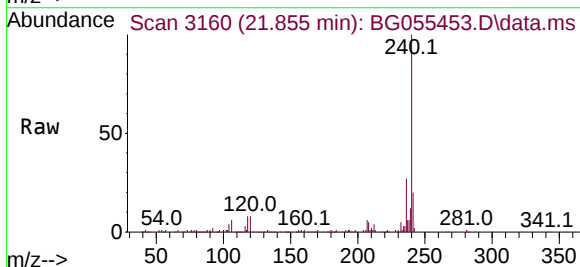
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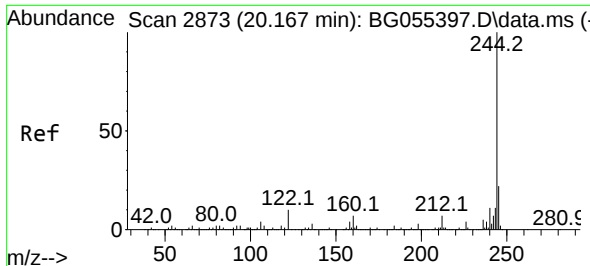
Tgt Ion:188 Resp: 178288
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055453.D
Acq: 4 Nov 2022 14:16

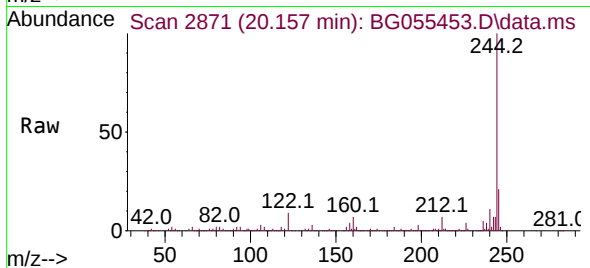
Tgt Ion:240 Resp: 195403
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.8 21.5 32.3



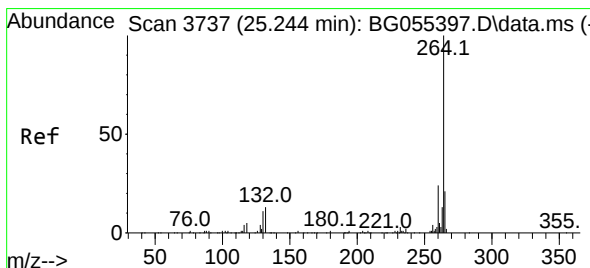
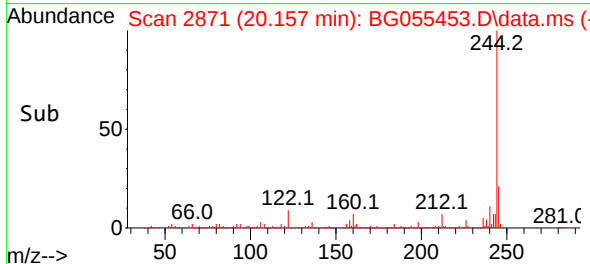
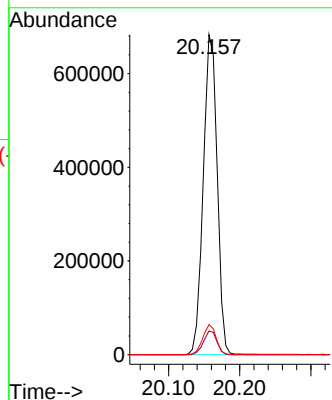


#79
 Terphenyl-d14
 Concen: 91.645 ng
 RT: 20.157 min Scan# 2873
 Delta R.T. -0.006 min
 Lab File: BG055453.D
 Acq: 4 Nov 2022 14:16

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Tgt Ion:244 Resp: 920922
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.4 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: BG055453.D
 Acq: 4 Nov 2022 14:16

Tgt Ion:264 Resp: 210808
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 22.2 17.1 25.7

