

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055428.D
 Acq On : 3 Nov 2022 00:02
 Operator : CG/JU
 Sample : N5395-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122

Quant Time: Nov 03 06:13:23 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)

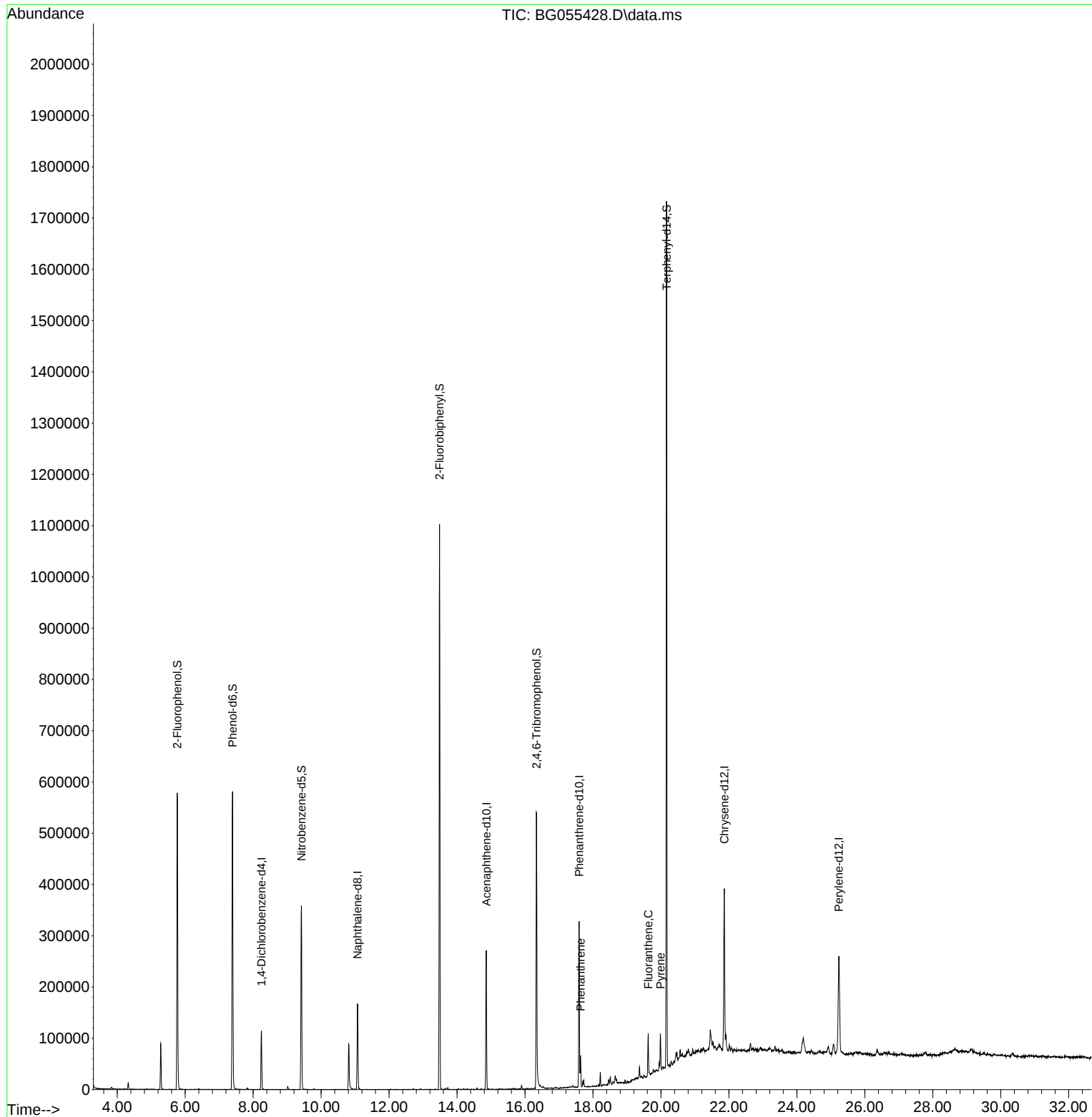
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	35648	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	150990	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	100621	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	208671	20.000	ng	0.00
76) Chrysene-d12	21.863	240	199572	20.000	ng	0.00
86) Perylene-d12	25.235	264	218397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	283112	142.624	ng	0.00
7) Phenol-d6	7.391	99	364782	132.517	ng	0.00
23) Nitrobenzene-d5	9.418	82	226774	80.044	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	134921	98.304	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	571078	84.149	ng	0.00
79) Terphenyl-d14	20.165	244	841156	81.958	ng	0.00
Target Compounds						
71) Phenanthrene	17.632	178	39215	3.341	ng	98
75) Fluoranthene	19.624	202	53602	3.797	ng	99
78) Pyrene	19.982	202	45728	3.248	ng	99

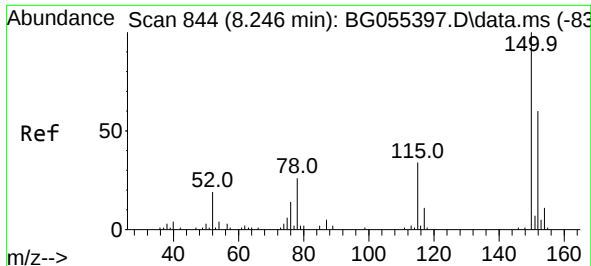
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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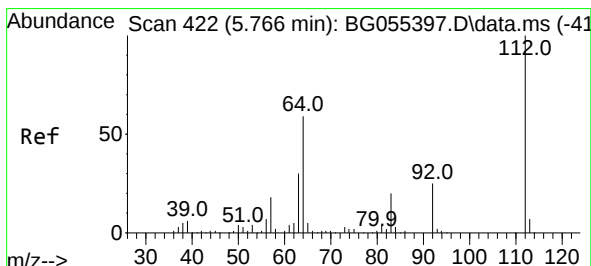
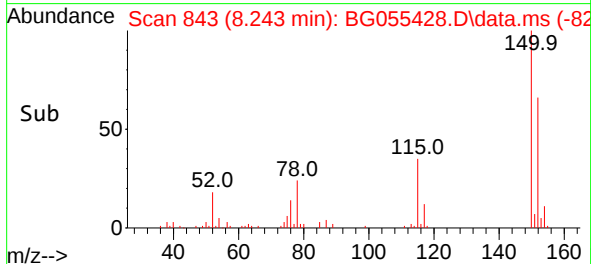
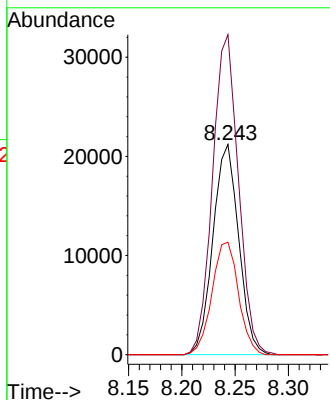
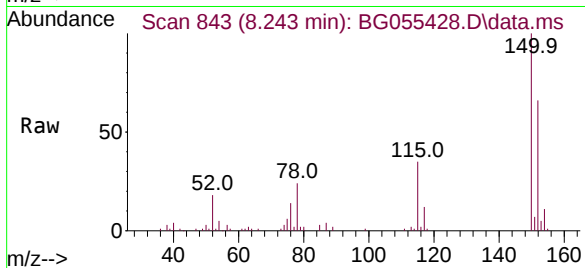




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.243 min Scan# 844
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

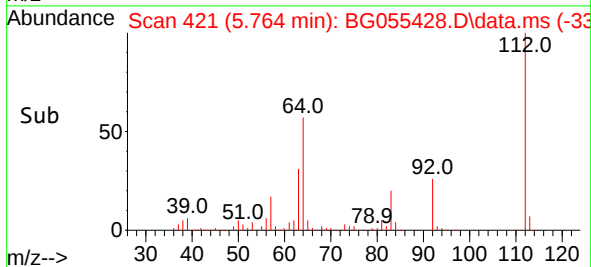
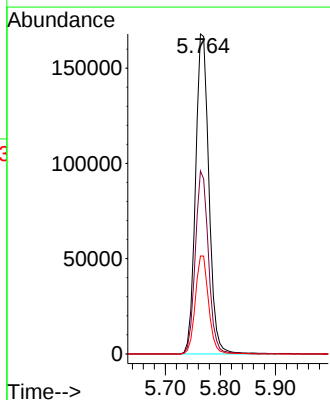
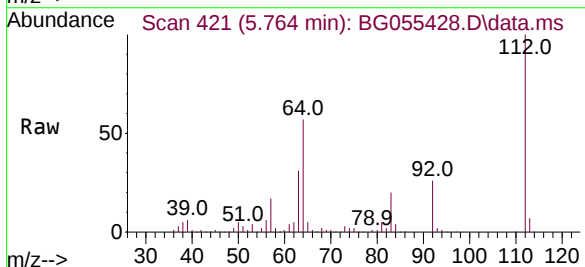
Instrument :
BNA_G
ClientSampleId :
S-7-103122

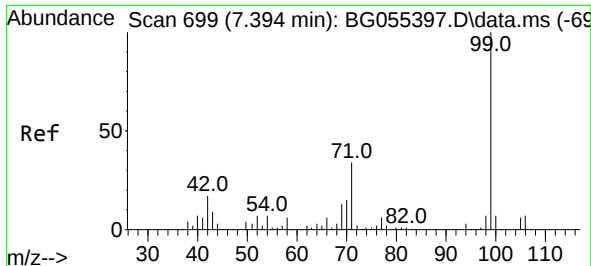
Tgt Ion:152 Resp: 35648
Ion Ratio Lower Upper
152 100
150 152.2 132.8 199.2
115 53.5 45.1 67.7



#5
2-Fluorophenol
Concen: 142.624 ng
RT: 5.764 min Scan# 421
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion:112 Resp: 283112
Ion Ratio Lower Upper
112 100
64 57.2 47.2 70.8
63 30.6 24.3 36.5

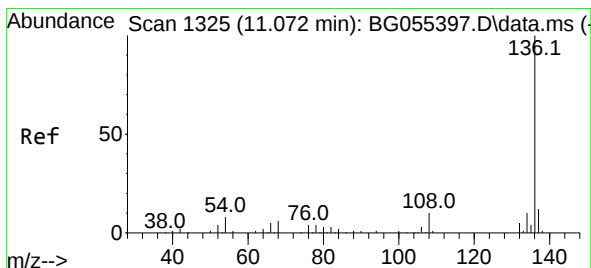
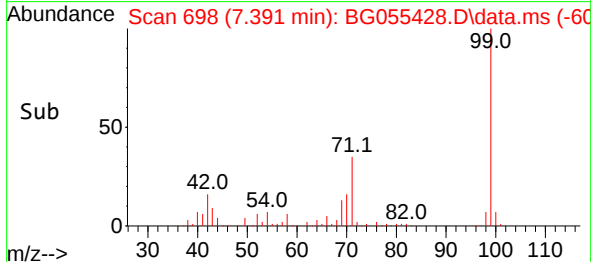
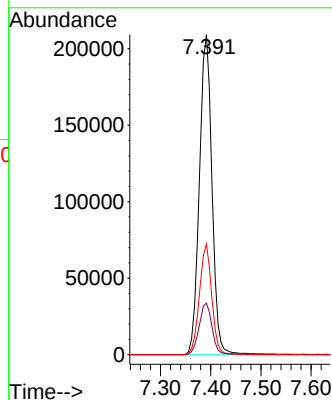
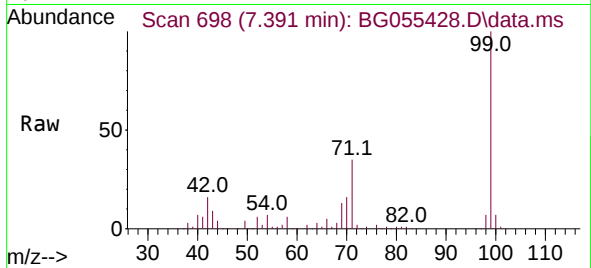




#7
Phenol-d6
Concen: 132.517 ng
RT: 7.391 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

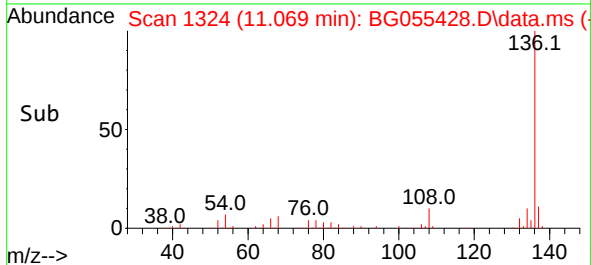
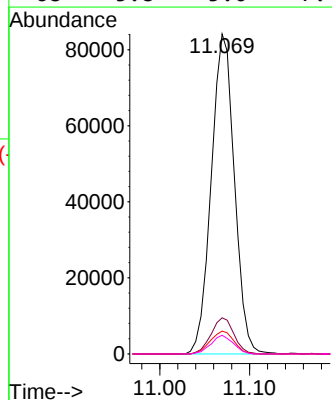
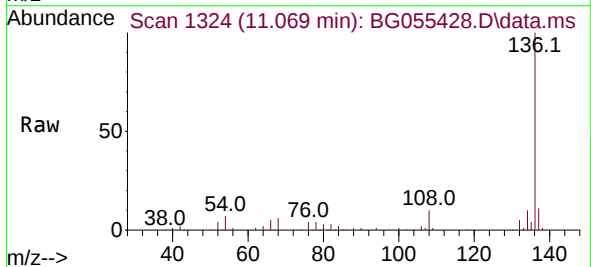
Instrument :
BNA_G
ClientSampleId :
S-7-103122

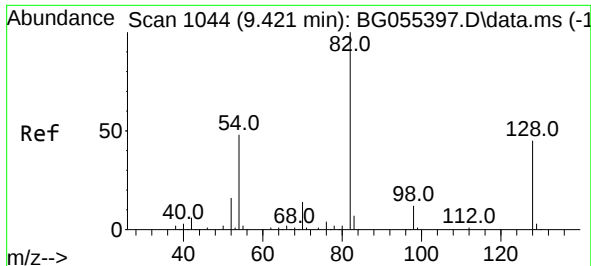
Tgt Ion: 99 Resp: 364782
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 34.6 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1324
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion: 136 Resp: 150990
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 7.1 6.1 9.1
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 80.044 ng

RT: 9.418 min Scan# 1043

Delta R.T. -0.003 min

Lab File: BG055428.D

Acq: 3 Nov 2022 00:02

Instrument :

BNA_G

ClientSampleId :

S-7-103122

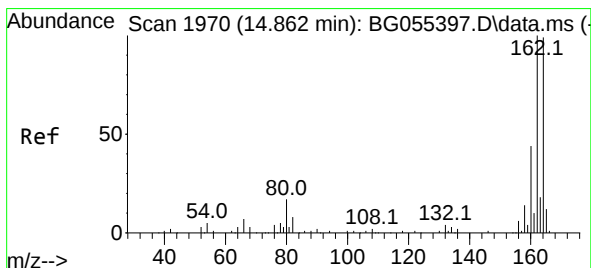
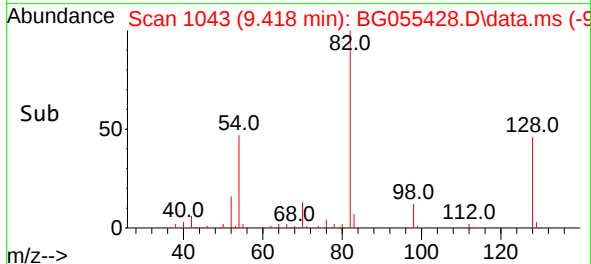
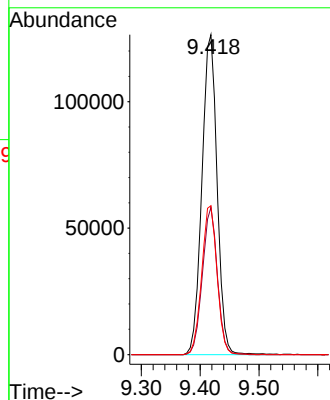
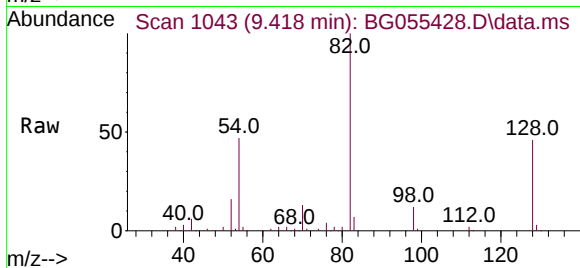
Tgt Ion: 82 Resp: 226774

Ion Ratio Lower Upper

82 100

128 46.0 35.8 53.8

54 46.5 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.859 min Scan# 1969

Delta R.T. -0.003 min

Lab File: BG055428.D

Acq: 3 Nov 2022 00:02

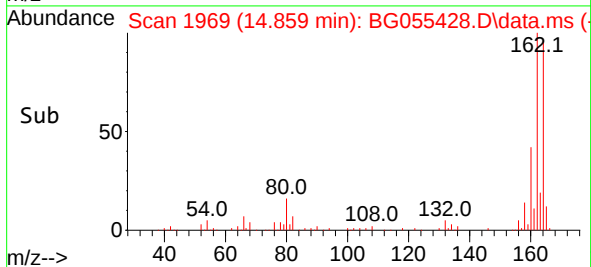
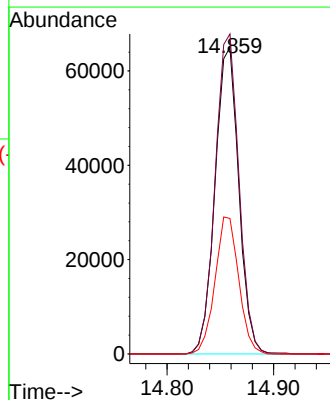
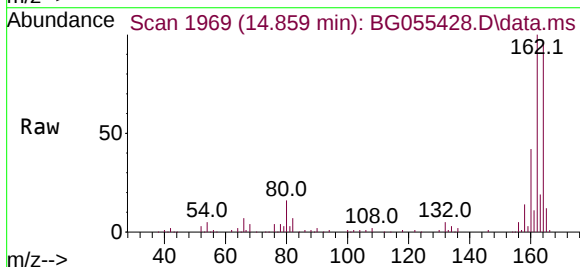
Tgt Ion: 164 Resp: 100621

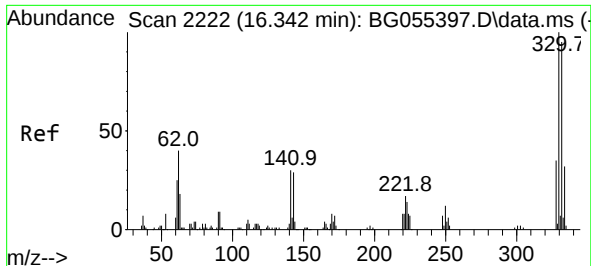
Ion Ratio Lower Upper

164 100

162 104.4 81.1 121.7

160 44.2 35.8 53.6

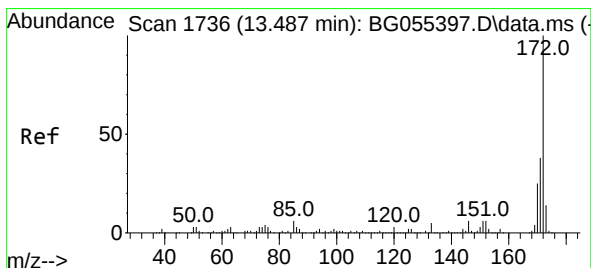
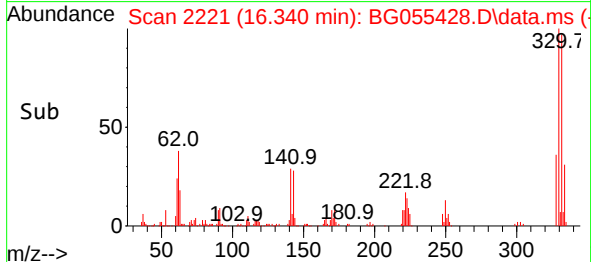
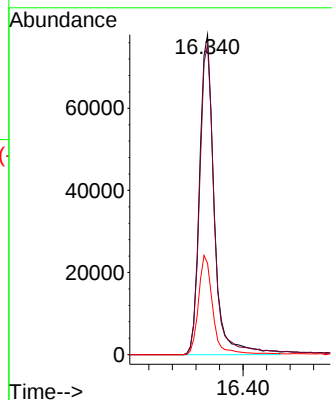
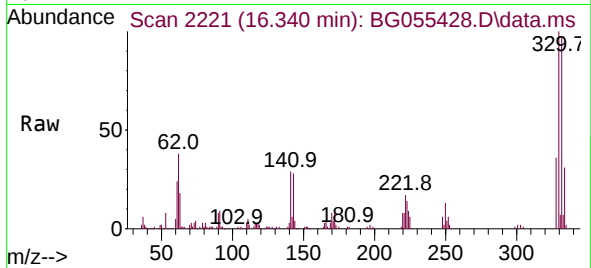




#42
2,4,6-Tribromophenol
Concen: 98.304 ng
RT: 16.340 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

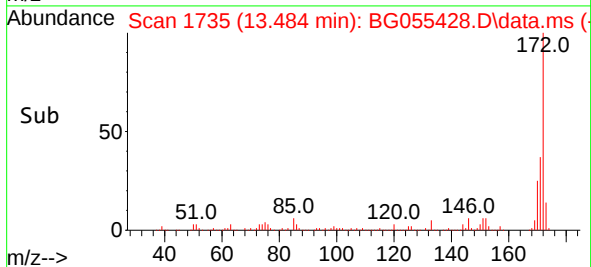
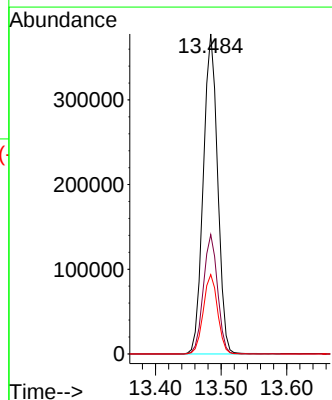
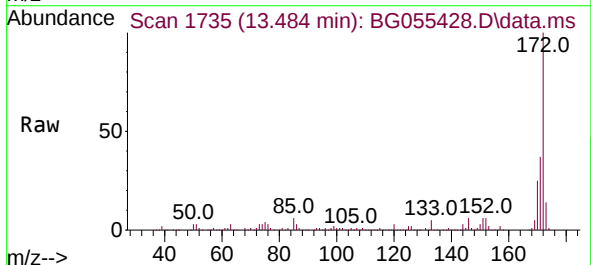
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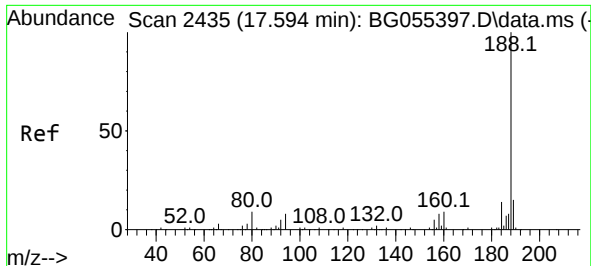
Tgt Ion:330 Resp: 134921
Ion Ratio Lower Upper
330 100
332 98.9 77.8 116.6
141 30.4 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 84.149 ng
RT: 13.484 min Scan# 1735
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion:172 Resp: 571078
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 24.8 20.2 30.2

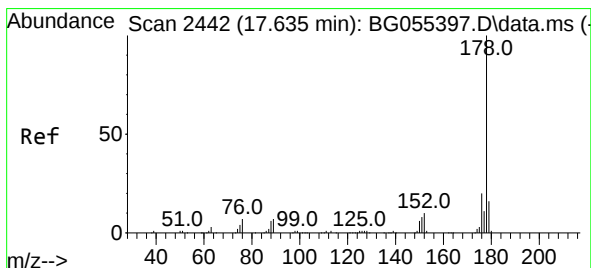
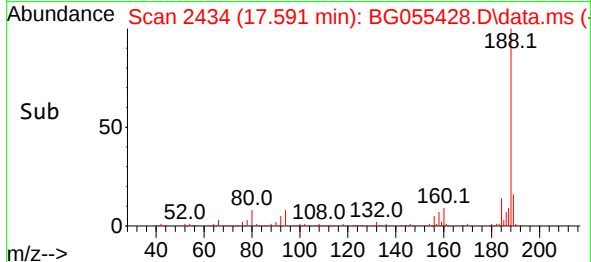
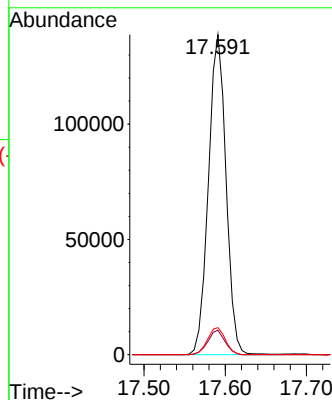
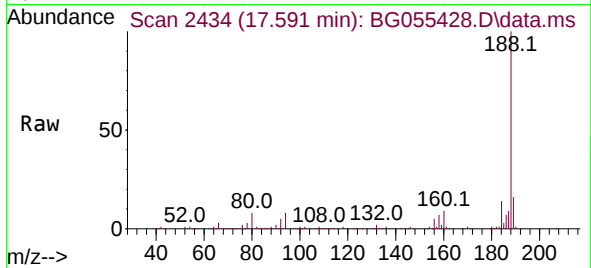




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.591 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

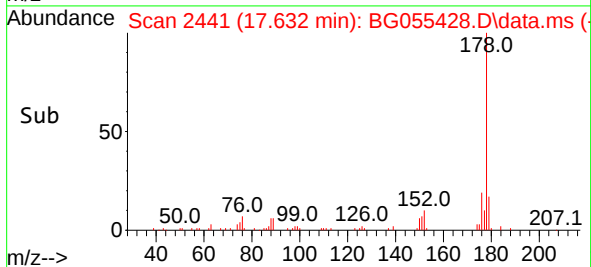
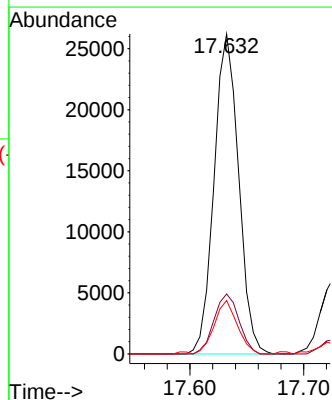
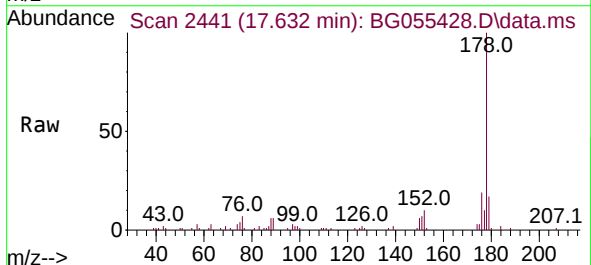
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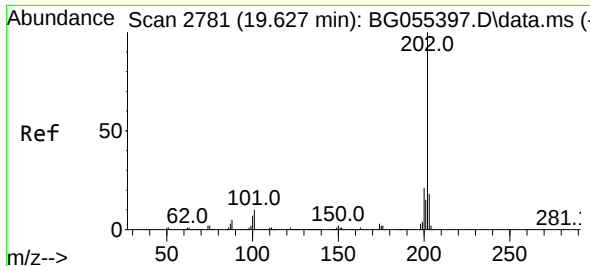
Tgt Ion:188 Resp: 208671
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.4 7.4 11.0



#71
Phenanthrene
Concen: 3.341 ng
RT: 17.632 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion:178 Resp: 39215
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 16.7 12.7 19.1

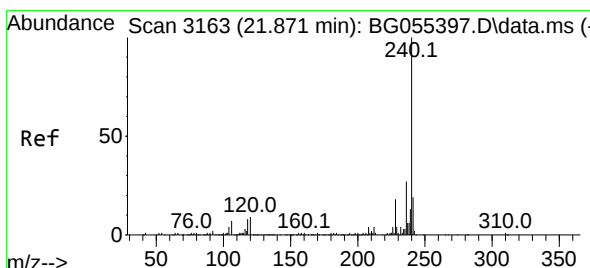
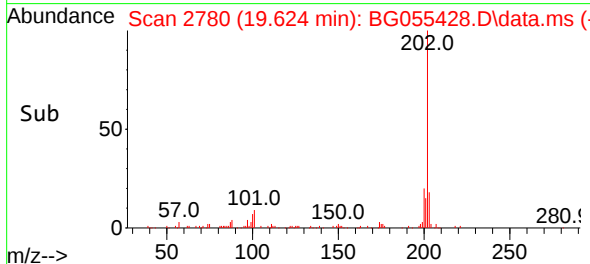
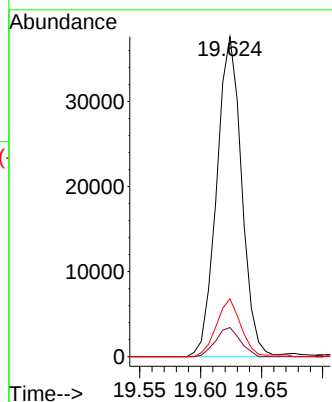
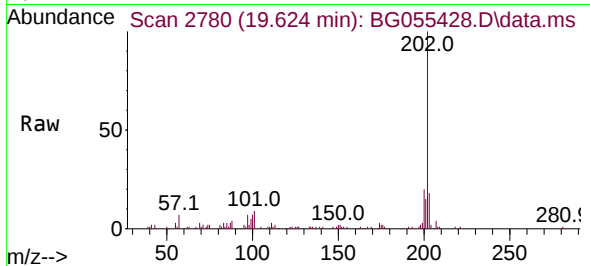




#75
Fluoranthene
Concen: 3.797 ng
RT: 19.624 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

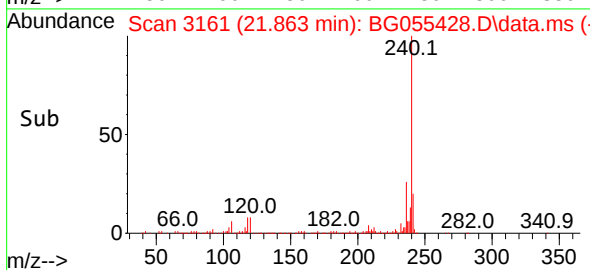
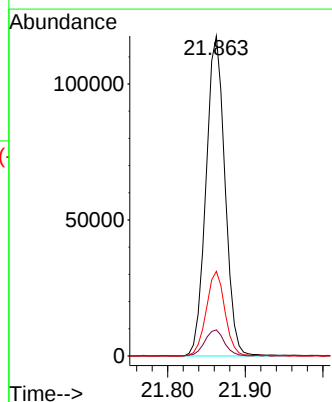
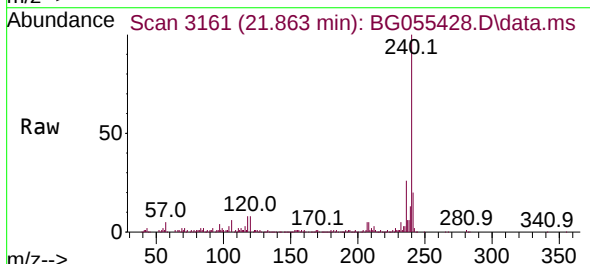
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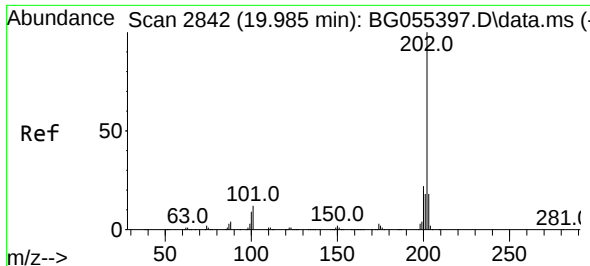
Tgt Ion:202 Resp: 53602
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.8
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BG055428.D
Acq: 3 Nov 2022 00:02

Tgt Ion:240 Resp: 199572
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.4 21.5 32.3

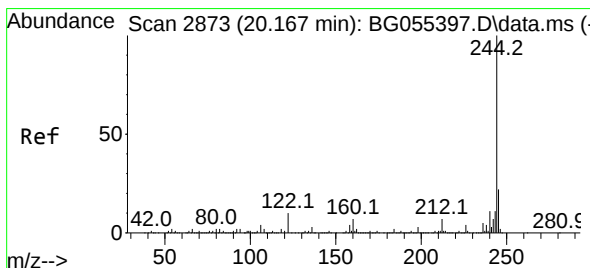
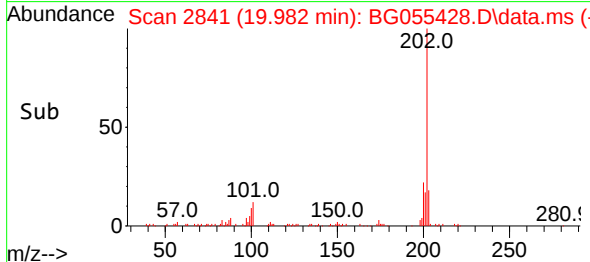
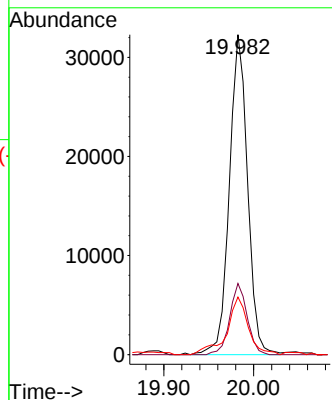
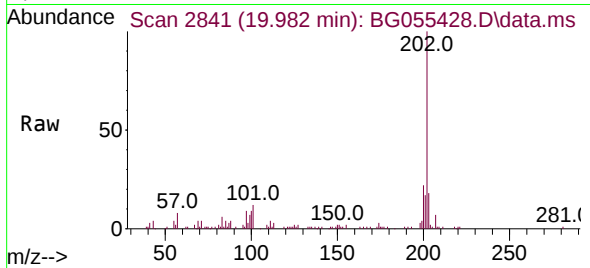




#78
 Pyrene
 Concen: 3.248 ng
 RT: 19.982 min Scan# 2841
 Delta R.T. -0.003 min
 Lab File: BG055428.D
 Acq: 3 Nov 2022 00:02

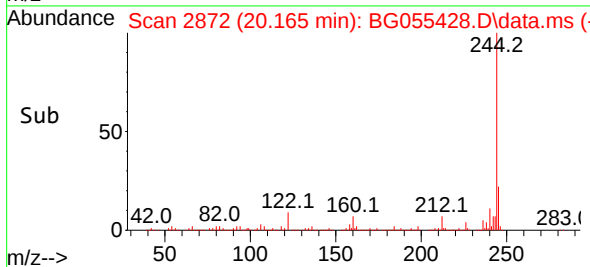
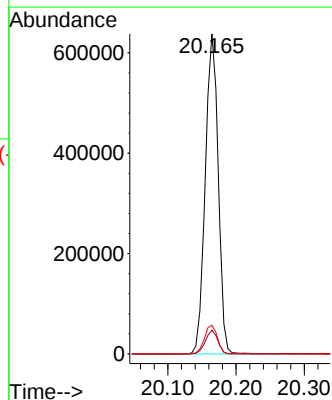
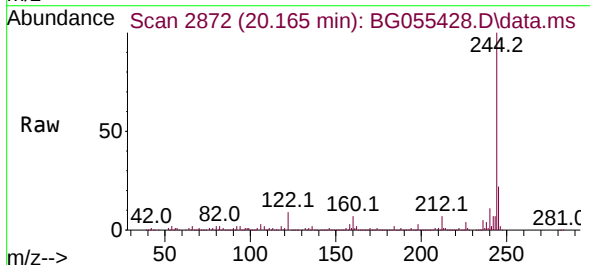
Instrument :
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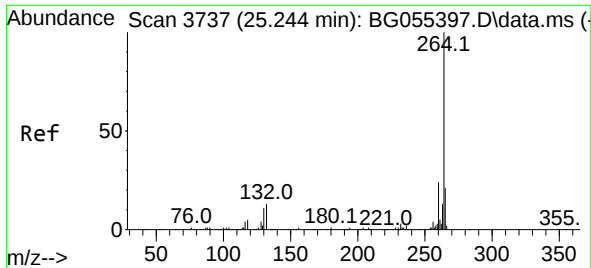
Tgt Ion:202 Resp: 45728
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 18.0 14.7 22.1



#79
 Terphenyl-d14
 Concen: 81.958 ng
 RT: 20.165 min Scan# 2872
 Delta R.T. -0.003 min
 Lab File: BG055428.D
 Acq: 3 Nov 2022 00:02

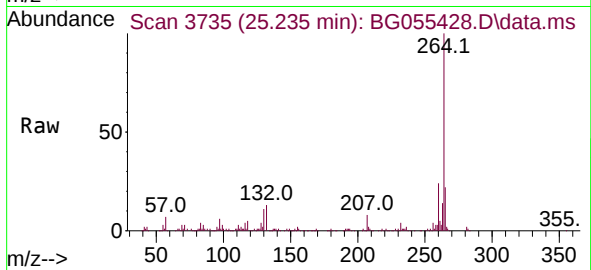
Tgt Ion:244 Resp: 841156
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.0 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.235 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG055428.D
 Acq: 3 Nov 2022 00:02

Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122



Tgt Ion:264 Resp: 218397
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.2 17.1 25.7

