

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055351.D
 Acq On : 28 Oct 2022 21:26
 Operator : CG/JU
 Sample : N5226-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221093-198-SITE-WATER

Quant Time: Oct 29 04:56:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	29897	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	125114	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	86758	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	199417	20.000	ng	0.00
76) Chrysene-d12	21.883	240	205895	20.000	ng	0.00
86) Perylene-d12	25.268	264	216184	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	112525	65.902	ng	0.00
7) Phenol-d6	7.406	99	115338	46.626	ng	0.00
23) Nitrobenzene-d5	9.433	82	204181	83.333	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	154027	163.314	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	511670	96.530	ng	0.00
79) Terphenyl-d14	20.180	244	938473	94.701	ng	0.00

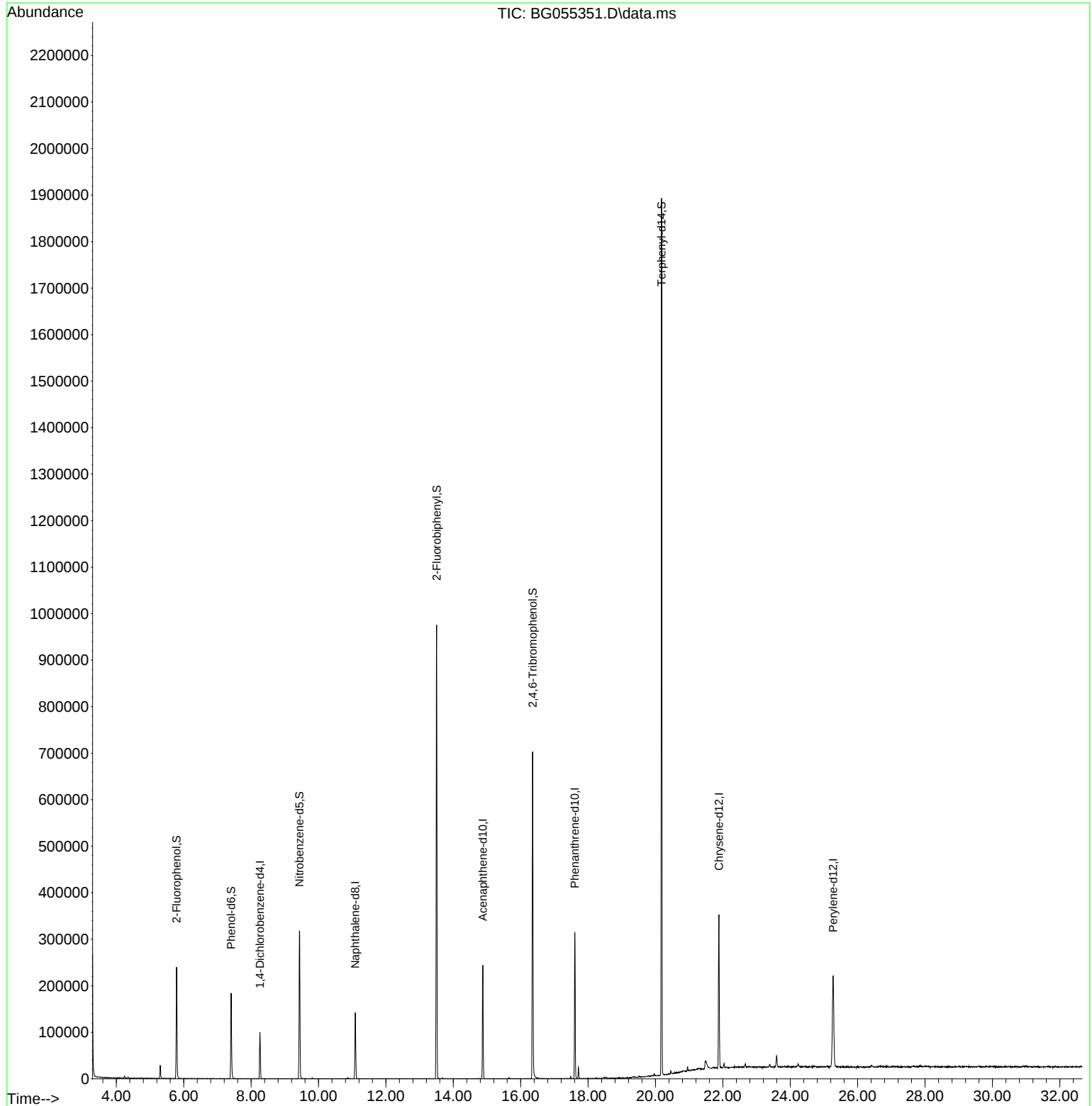
Target Compounds Qvalue

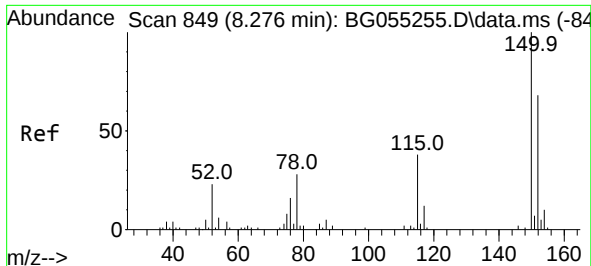
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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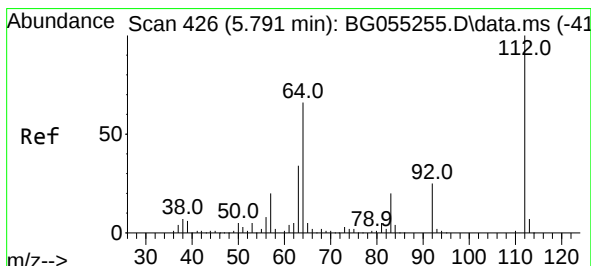
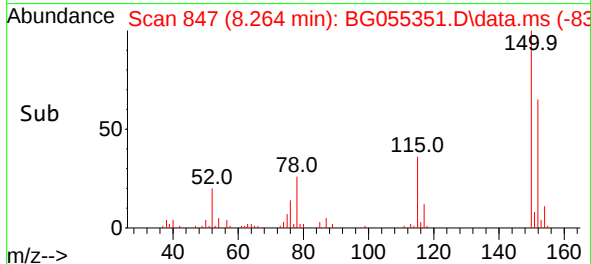
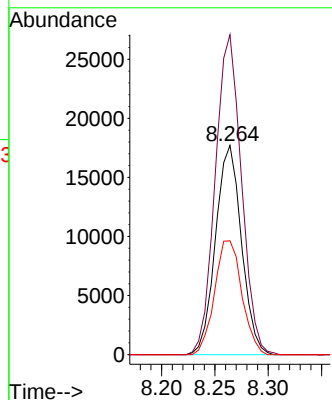
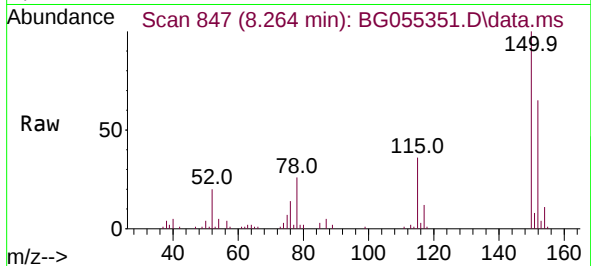




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

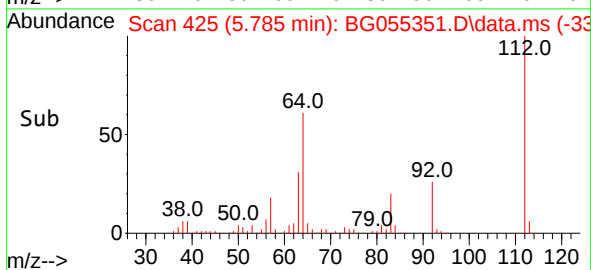
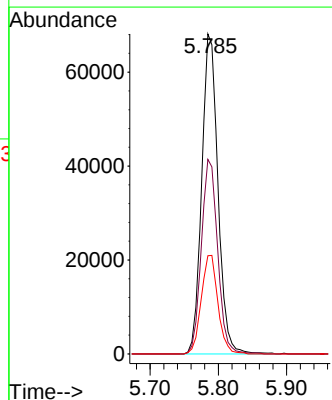
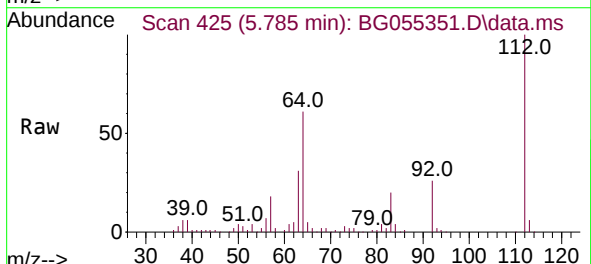
Instrument :
BNA_G
ClientSampleId :
20221093-198-SITE-WATER

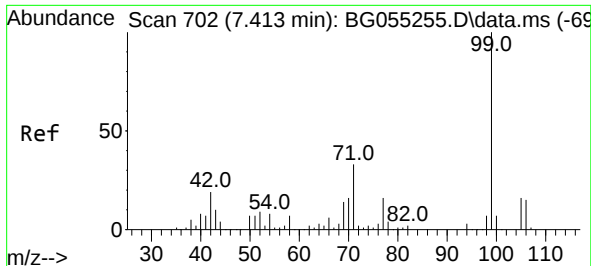
Tgt Ion:152 Resp: 29897
Ion Ratio Lower Upper
152 100
150 153.0 118.2 177.4
115 54.4 44.5 66.7



#5
2-Fluorophenol
Concen: 65.902 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.001 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion:112 Resp: 112525
Ion Ratio Lower Upper
112 100
64 60.8 52.6 78.8
63 30.7 27.1 40.7

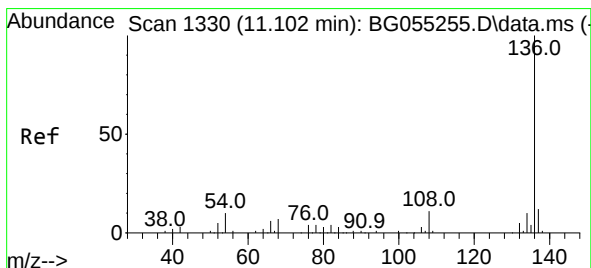
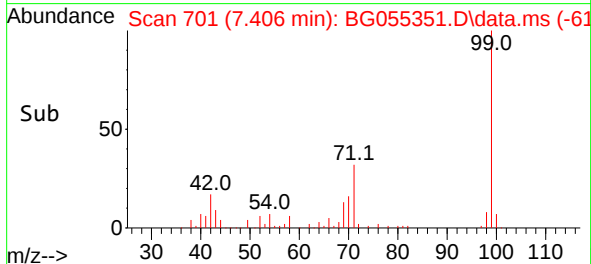
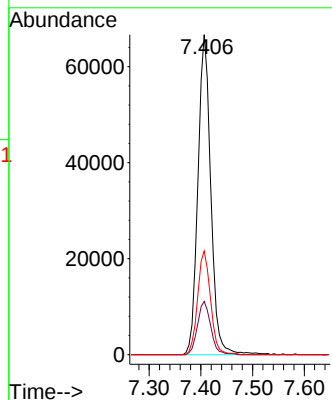
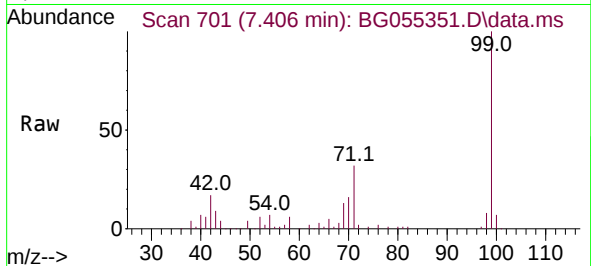




#7
Phenol-d6
Concen: 46.626 ng
RT: 7.406 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

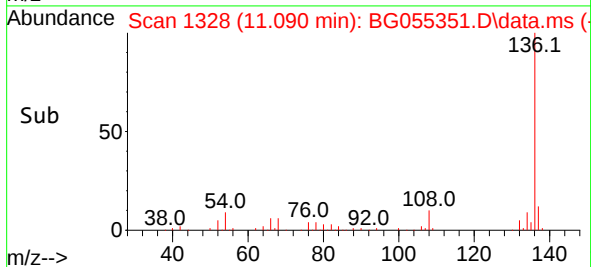
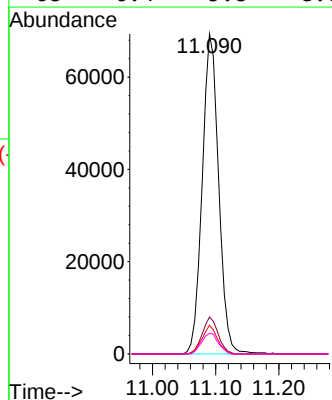
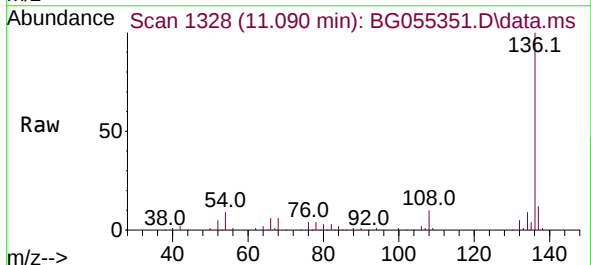
Instrument :
BNA_G
ClientSampleId :
20221093-198-SITE-WATER

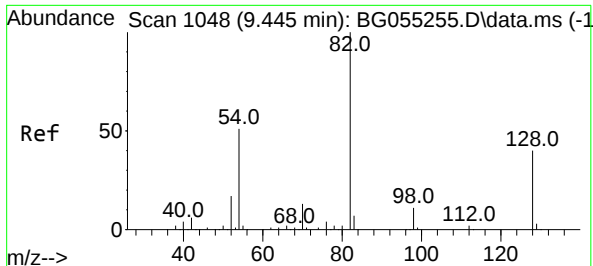
Tgt Ion: 99 Resp: 115338
Ion Ratio Lower Upper
99 100
42 16.6 15.2 22.8
71 32.4 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion:136 Resp: 125114
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.0 7.8 11.8
68 6.4 5.8 8.6





#23

Nitrobenzene-d5

Concen: 83.333 ng

RT: 9.433 min Scan# 1046

Delta R.T. -0.007 min

Lab File: BG055351.D

Acq: 28 Oct 2022 21:26

Instrument :

BNA_G

ClientSampleId :

20221093-198-SITE-WATER

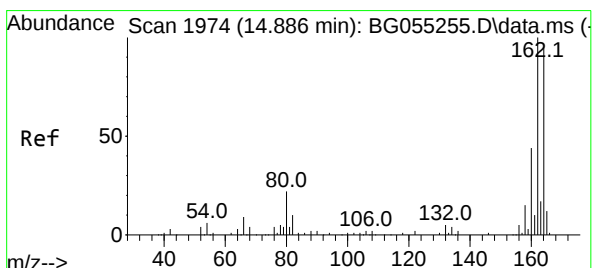
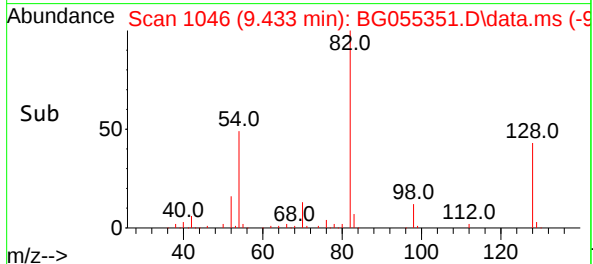
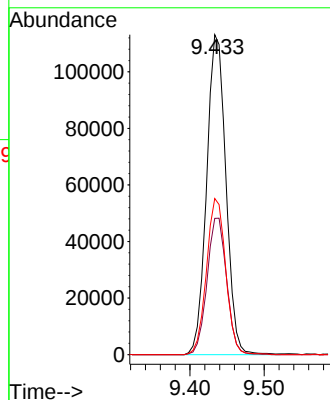
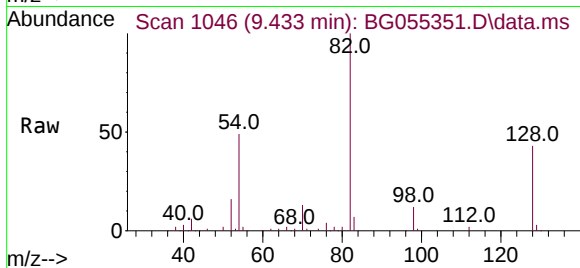
Tgt Ion: 82 Resp: 204181

Ion Ratio Lower Upper

82 100

128 42.6 32.0 48.0

54 48.8 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.007 min

Lab File: BG055351.D

Acq: 28 Oct 2022 21:26

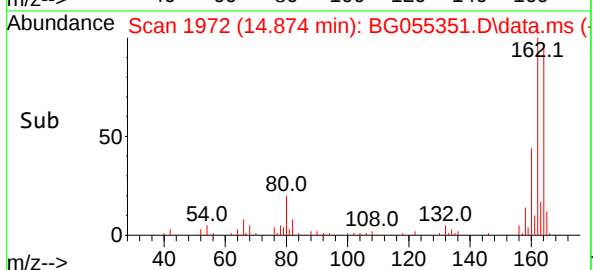
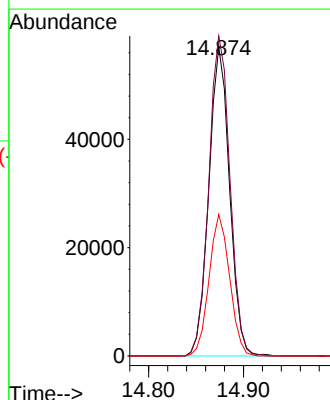
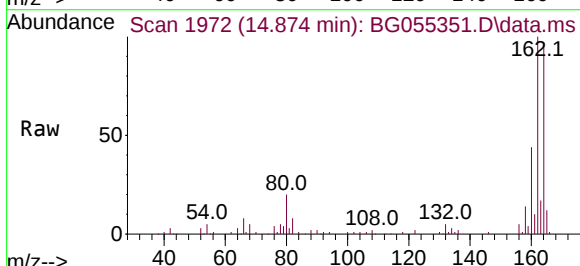
Tgt Ion:164 Resp: 86758

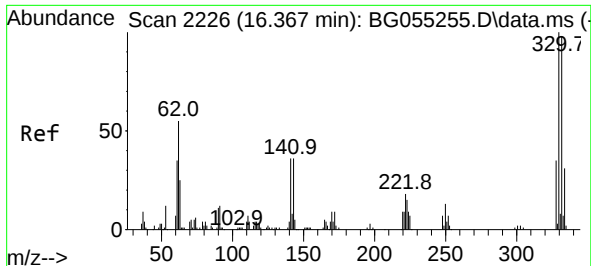
Ion Ratio Lower Upper

164 100

162 103.6 84.0 126.0

160 45.8 36.7 55.1

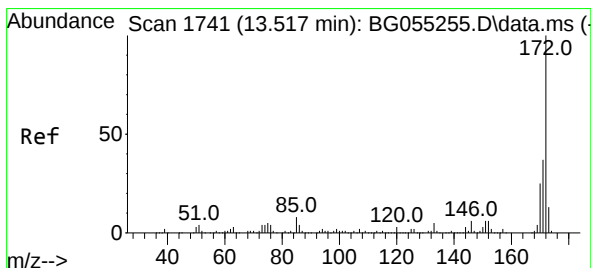
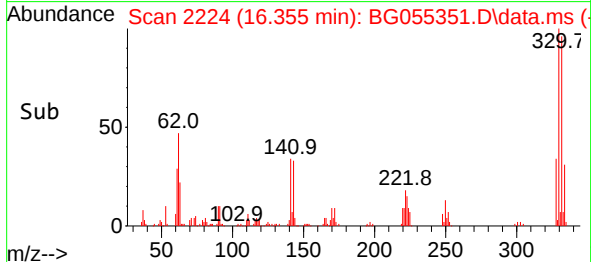
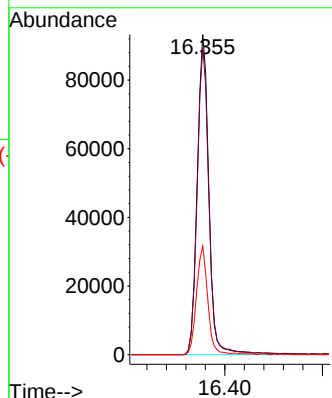
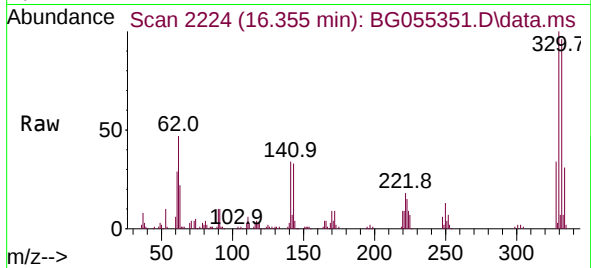




#42
2,4,6-Tribromophenol
Concen: 163.314 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

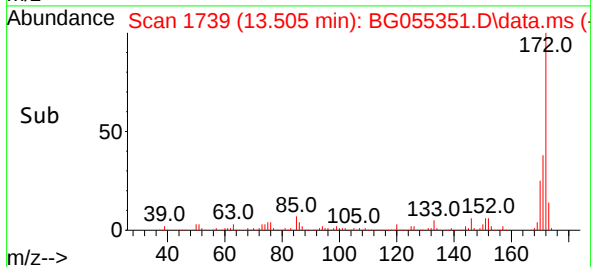
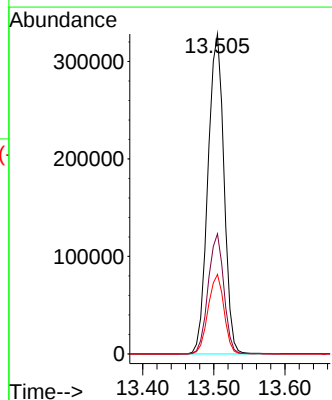
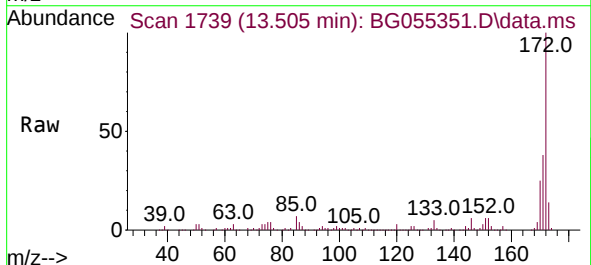
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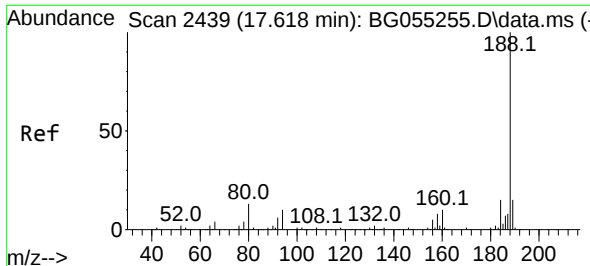
Tgt Ion:330 Resp: 154027
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 33.0 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 96.530 ng
RT: 13.505 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion:172 Resp: 511670
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.8 20.2 30.2

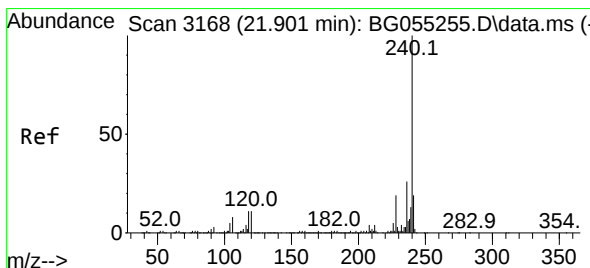
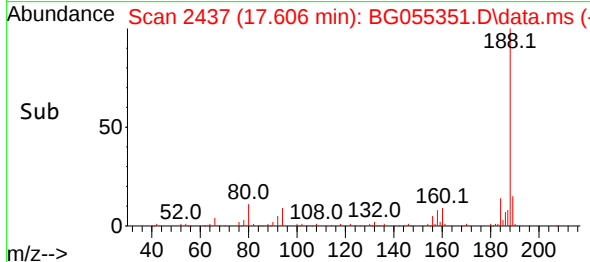
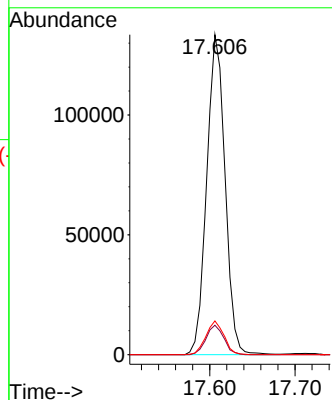
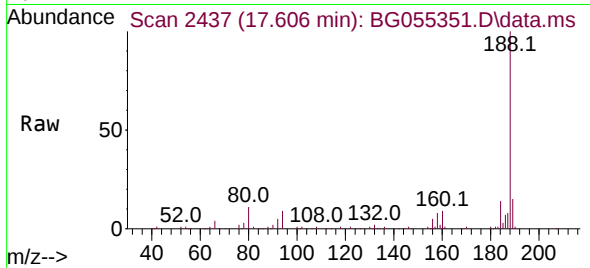




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

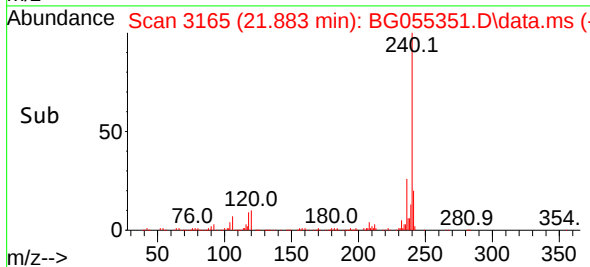
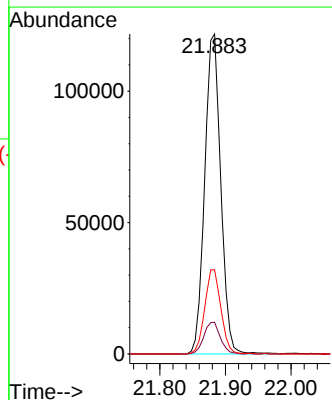
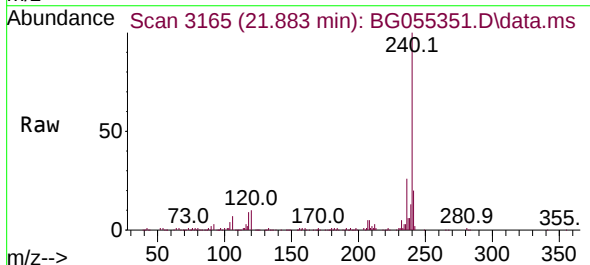
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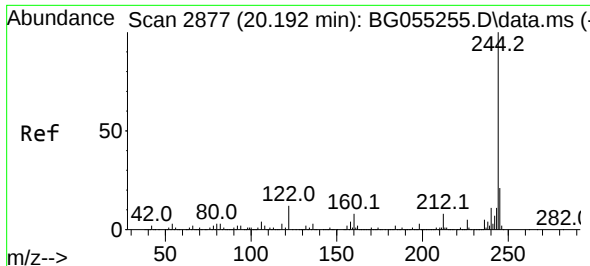
Tgt Ion:188 Resp: 199417
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 10.5 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG055351.D
Acq: 28 Oct 2022 21:26

Tgt Ion:240 Resp: 205895
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 26.3 21.0 31.4

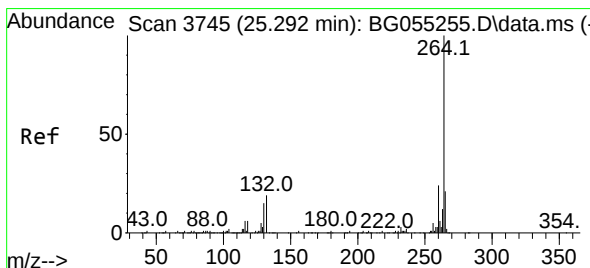
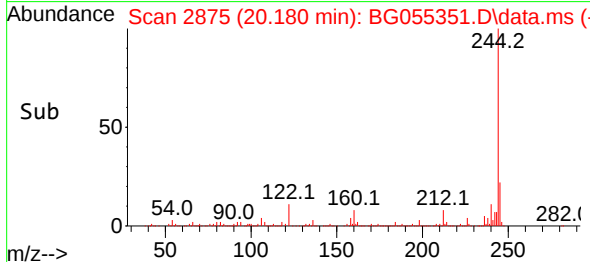
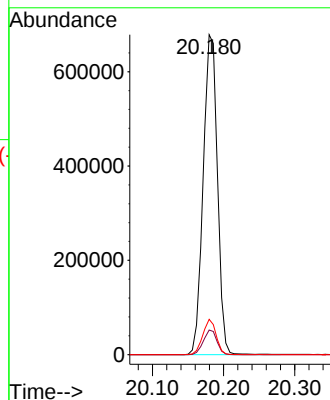
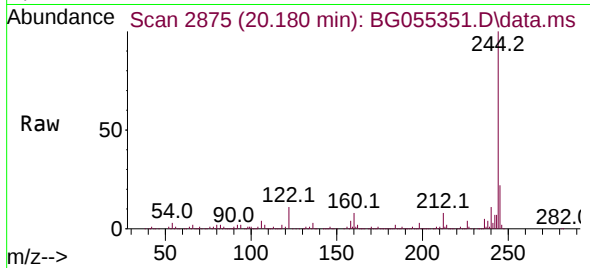




#79
 Terphenyl-d14
 Concen: 94.701 ng
 RT: 20.180 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055351.D
 Acq: 28 Oct 2022 21:26

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 938473
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3741
 Delta R.T. -0.018 min
 Lab File: BG055351.D
 Acq: 28 Oct 2022 21:26

Tgt Ion:264 Resp: 216184
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.3 17.4 26.2

