

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055353.D
 Acq On : 28 Oct 2022 22:47
 Operator : CG/JU
 Sample : N5226-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221096-201-SITE-WATER

Quant Time: Oct 29 04:56:38 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	8.259	152	31839	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	130397	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	90097	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	211820	20.000	ng	0.00
76) Chrysene-d12	21.878	240	213702	20.000	ng	-0.01
86) Perylene-d12	25.274	264	220046	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	152280	83.746	ng	0.00
7) Phenol-d6	7.407	99	163263	61.974	ng	0.00
23) Nitrobenzene-d5	9.434	82	248048	97.135	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	178901	182.658	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	577707	104.950	ng	0.00
79) Terphenyl-d14	20.180	244	1090690	106.041	ng	0.00

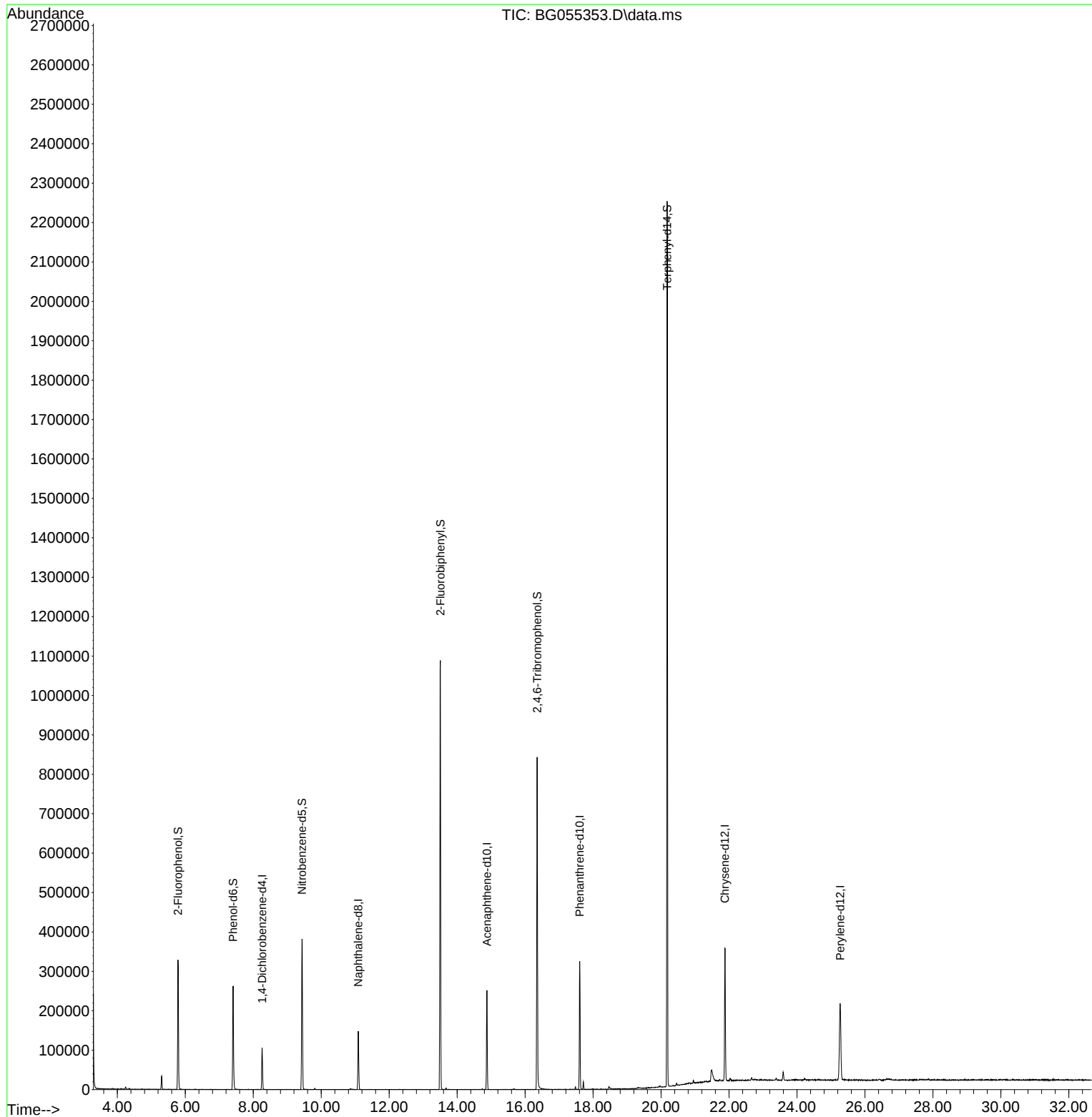
Target Compounds	Qvalue

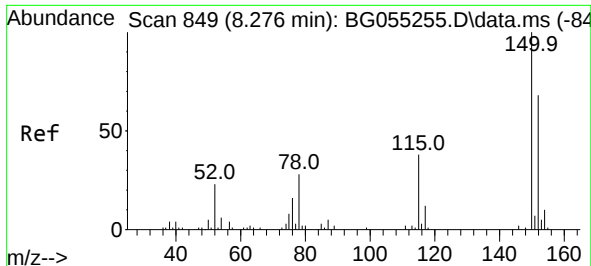
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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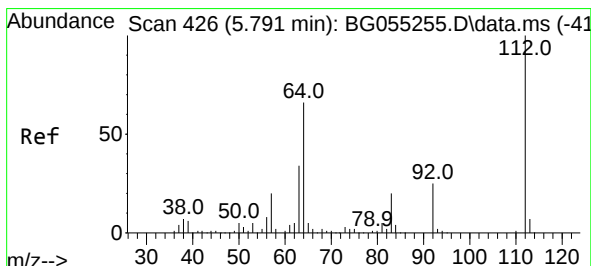
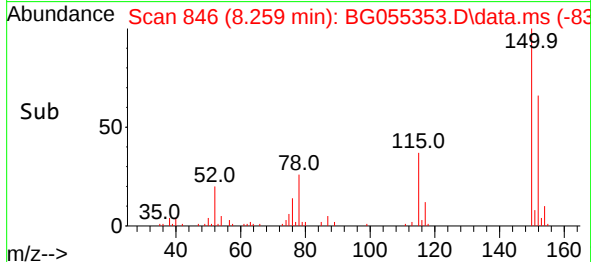
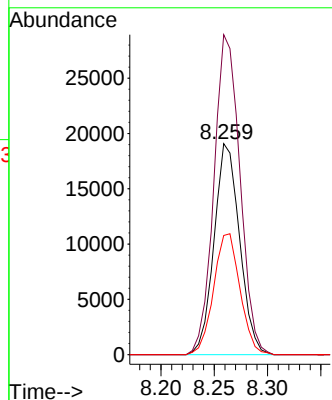
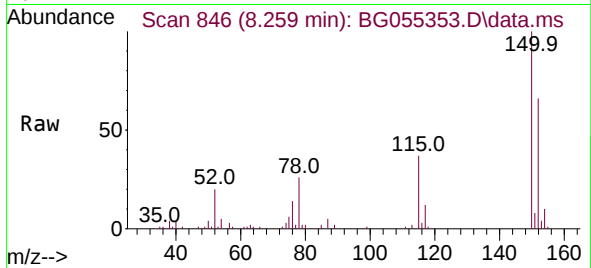




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

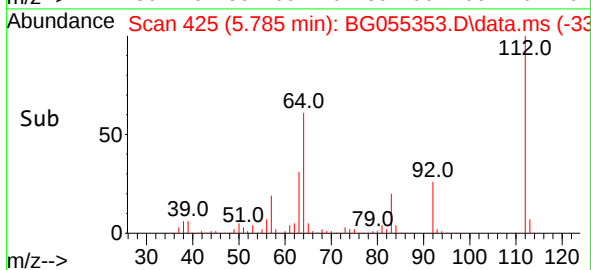
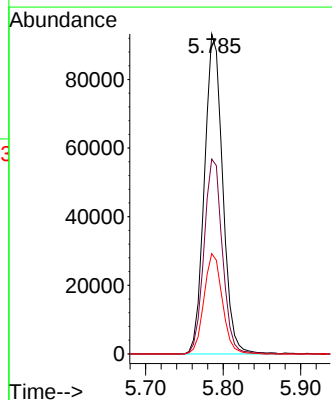
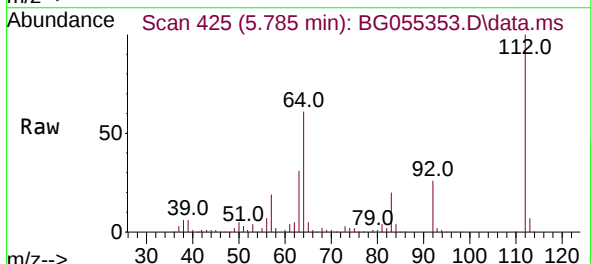
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

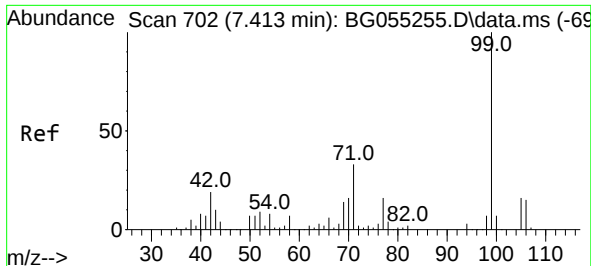
Tgt Ion:152 Resp: 31839
Ion Ratio Lower Upper
152 100
150 151.7 118.2 177.4
115 56.5 44.5 66.7



#5
2-Fluorophenol
Concen: 83.746 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion:112 Resp: 152280
Ion Ratio Lower Upper
112 100
64 60.9 52.6 78.8
63 31.3 27.1 40.7

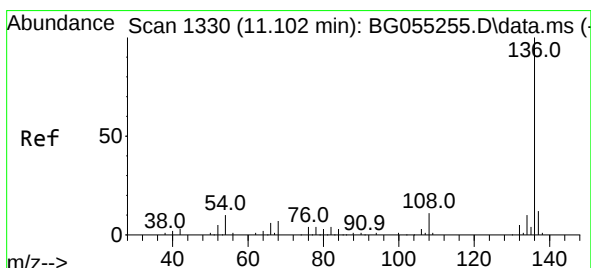
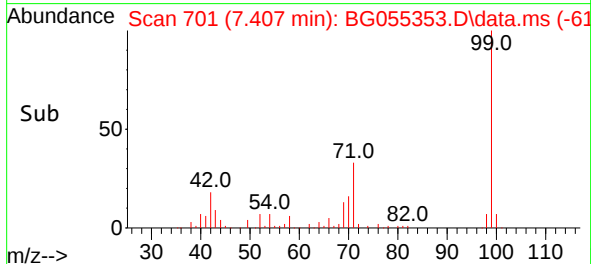
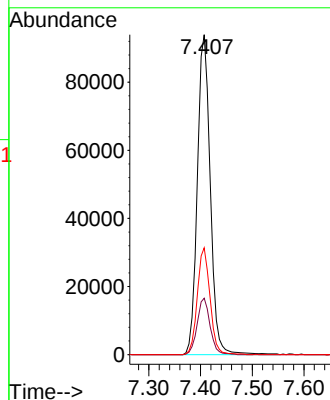
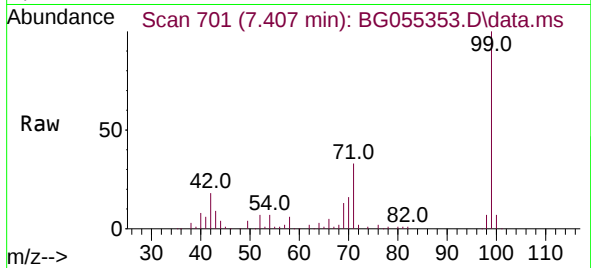




#7
Phenol-d6
Concen: 61.974 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

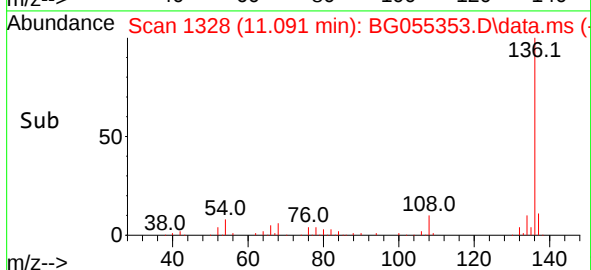
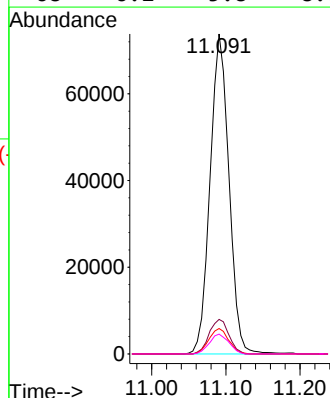
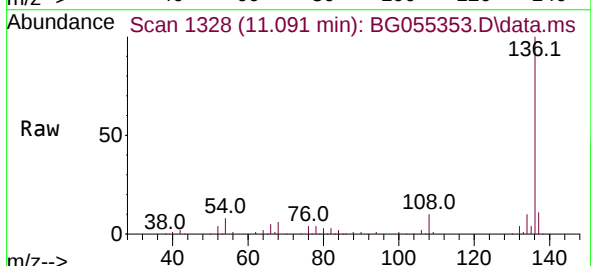
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

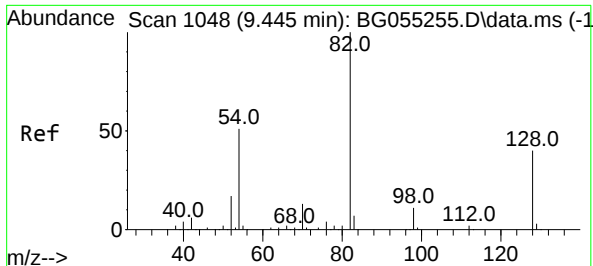
Tgt Ion: 99 Resp: 163263
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 33.4 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion: 136 Resp: 130397
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.9 7.8 11.8
68 6.2 5.8 8.6





#23

Nitrobenzene-d5

Concen: 97.135 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055353.D

Acq: 28 Oct 2022 22:47

Instrument :

BNA_G

ClientSampleId :

20221096-201-SITE-WATER

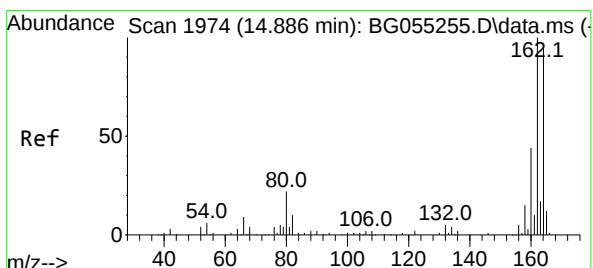
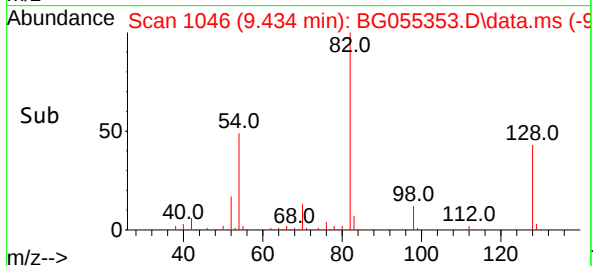
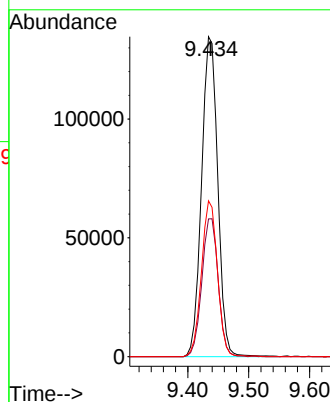
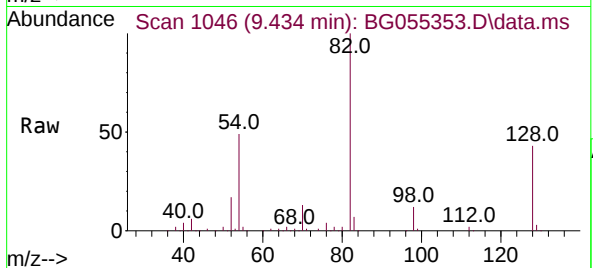
Tgt Ion: 82 Resp: 248048

Ion Ratio Lower Upper

82 100

128 43.0 32.0 48.0

54 48.7 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055353.D

Acq: 28 Oct 2022 22:47

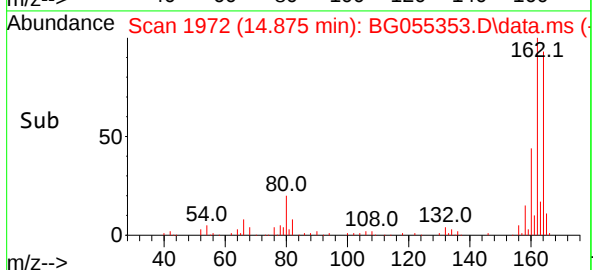
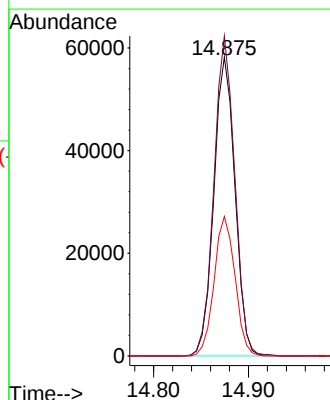
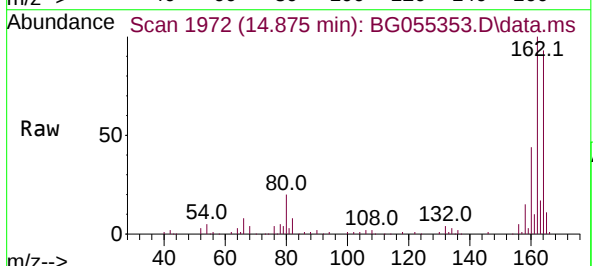
Tgt Ion: 164 Resp: 90097

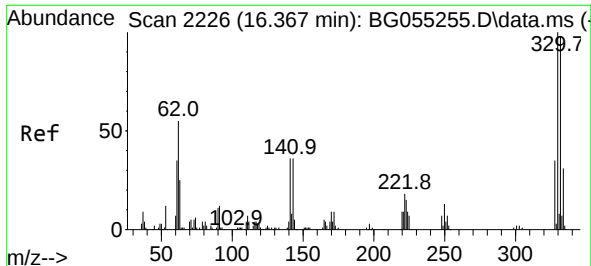
Ion Ratio Lower Upper

164 100

162 107.1 84.0 126.0

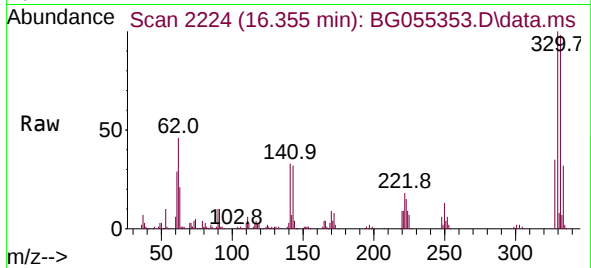
160 46.7 36.7 55.1



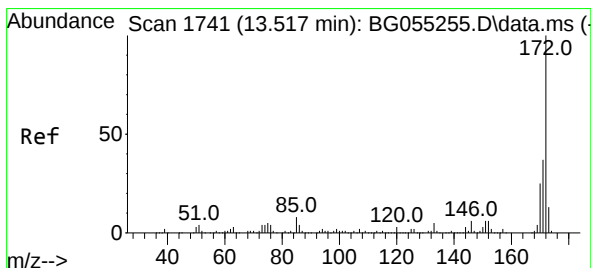
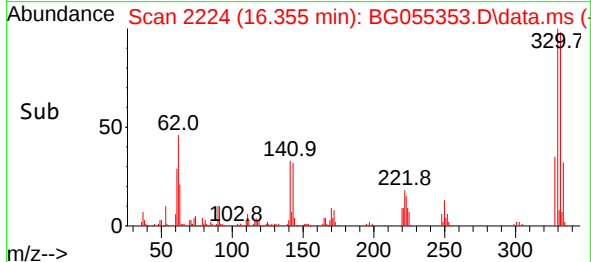
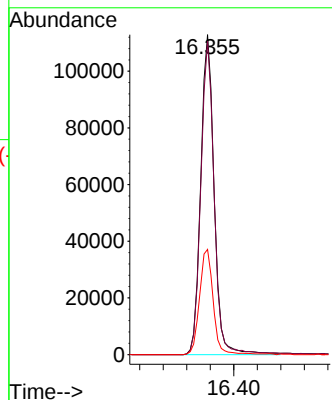


#42
2,4,6-Tribromophenol
Concen: 182.658 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

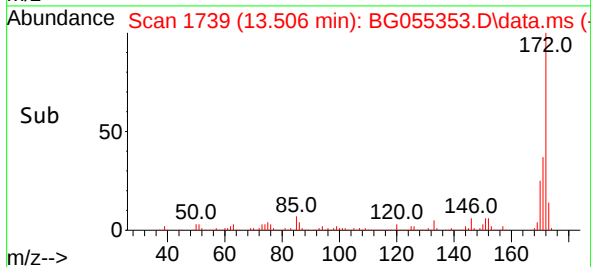
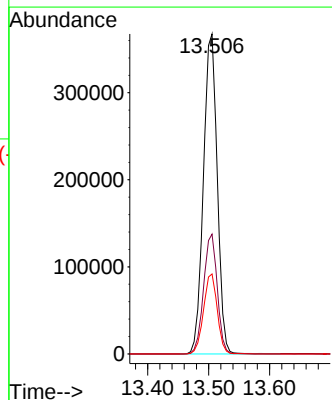
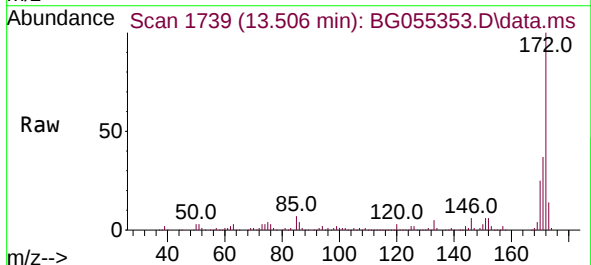


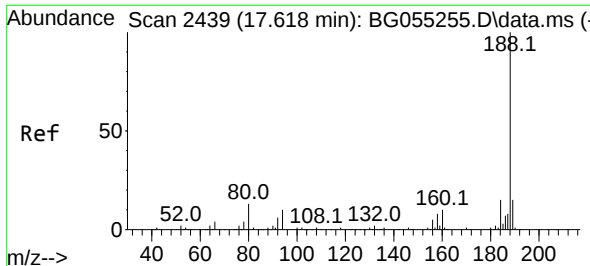
Tgt Ion:330 Resp: 178901
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 33.5 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 104.950 ng
RT: 13.506 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

Tgt Ion:172 Resp: 577707
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 25.0 20.2 30.2

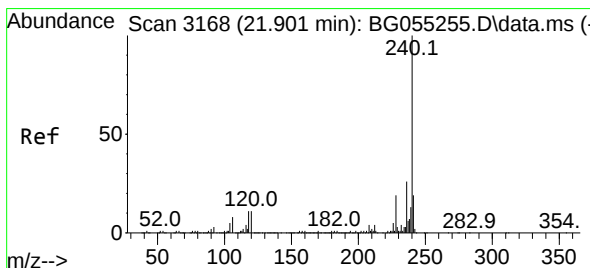
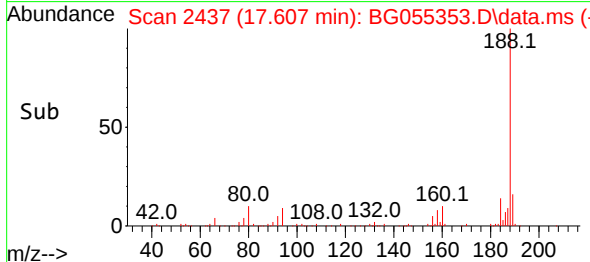
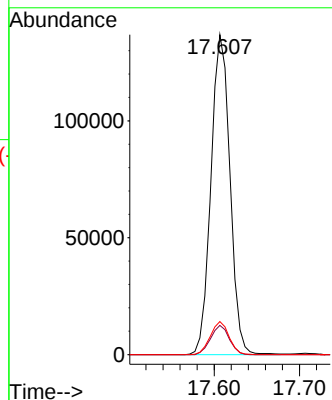
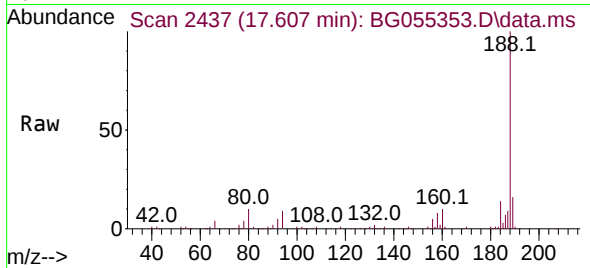




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

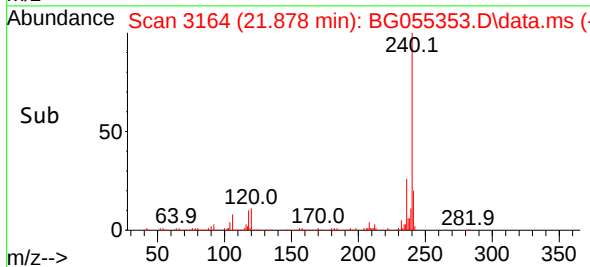
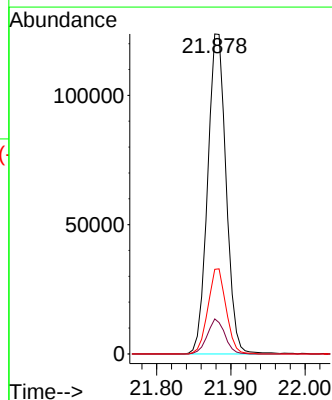
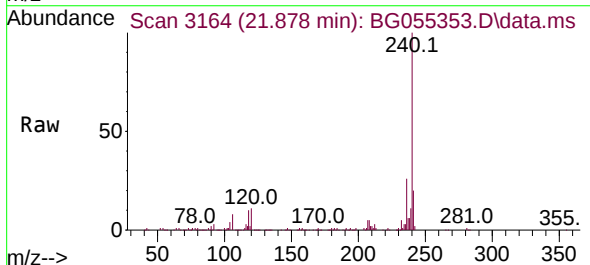
Instrument :
BNA_G
ClientSampleId :
20221096-201-SITE-WATER

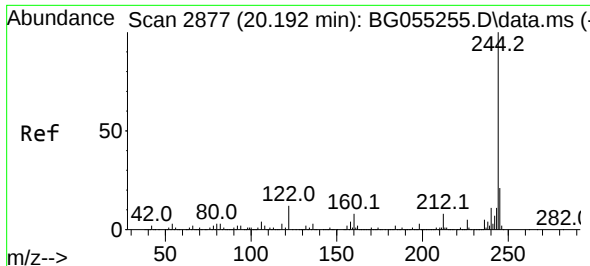
Tgt Ion:188 Resp: 211820
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 10.3 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055353.D
Acq: 28 Oct 2022 22:47

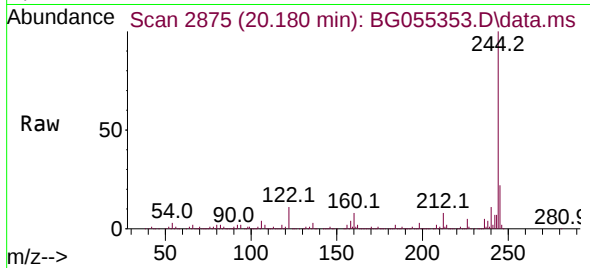
Tgt Ion:240 Resp: 213702
Ion Ratio Lower Upper
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120 10.9 8.9 13.3
236 26.4 21.0 31.4



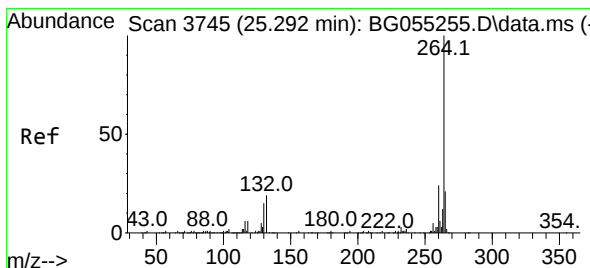
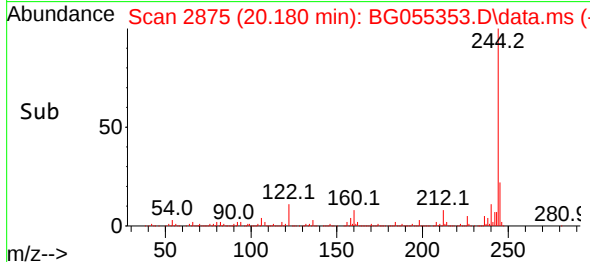
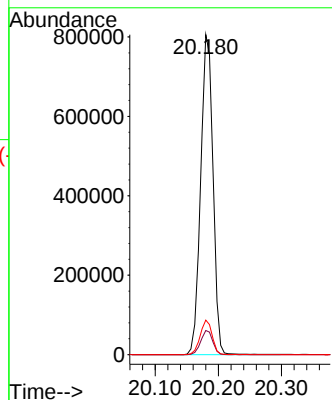


#79
 Terphenyl-d14
 Concen: 106.041 ng
 RT: 20.180 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BG055353.D
 Acq: 28 Oct 2022 22:47

Instrument :
 BNA_G
 ClientSampleId :
 20221096-201-SITE-WATER



Tgt Ion:244 Resp: 1090690
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055353.D
 Acq: 28 Oct 2022 22:47

Tgt Ion:264 Resp: 220046
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 21.0 17.4 26.2

