

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055352.D
 Acq On : 28 Oct 2022 22:07
 Operator : CG/JU
 Sample : N5226-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221094-199-SITE-WATER

Quant Time: Oct 29 04:56:27 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	8.265	152	30147	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	128006	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	88602	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	206735	20.000	ng	0.00
76) Chrysene-d12	21.884	240	213939	20.000	ng	0.00
86) Perylene-d12	25.268	264	221801	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	111943	65.018	ng	0.00
7) Phenol-d6	7.407	99	117550	47.126	ng	0.00
23) Nitrobenzene-d5	9.434	82	207597	82.813	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	149265	154.971	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	508607	93.956	ng	0.00
79) Terphenyl-d14	20.180	244	954468	92.694	ng	0.00

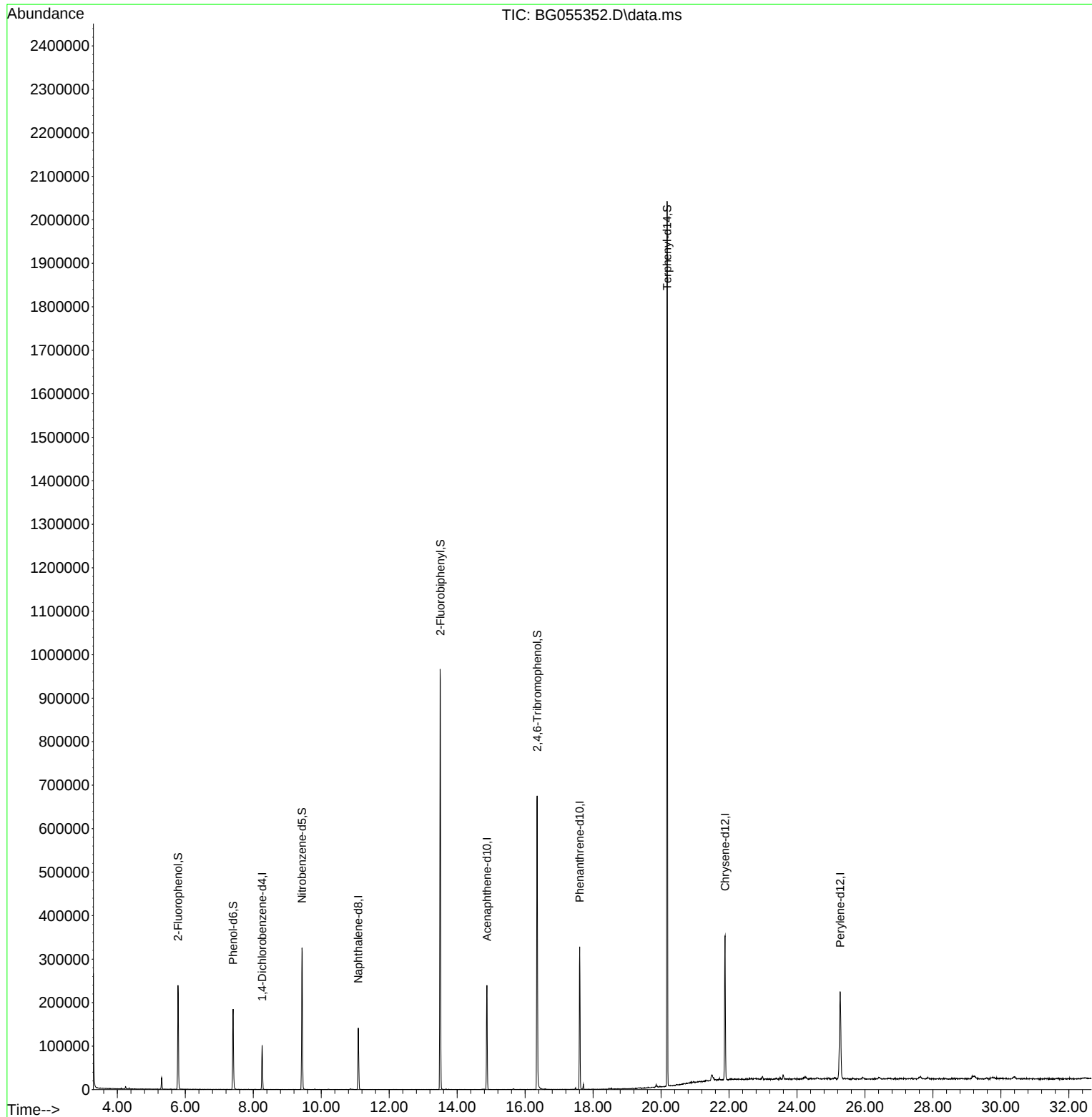
Target Compounds Qvalue

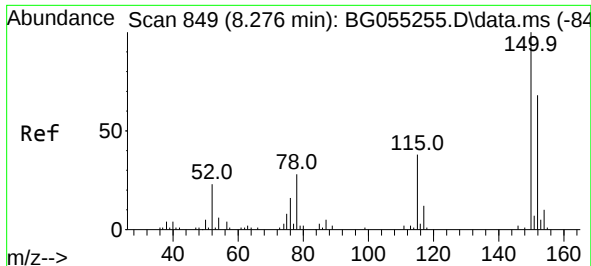
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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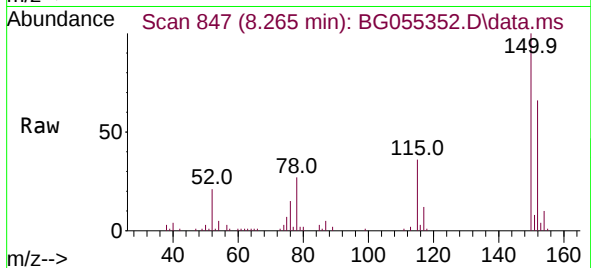
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



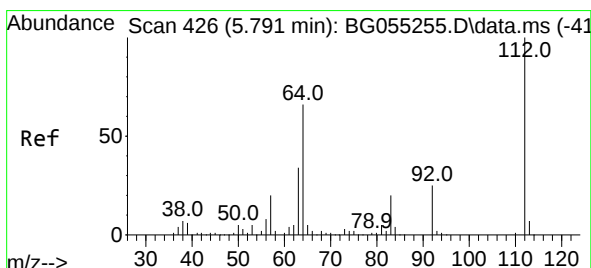
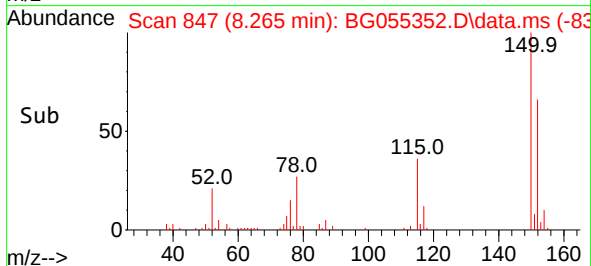
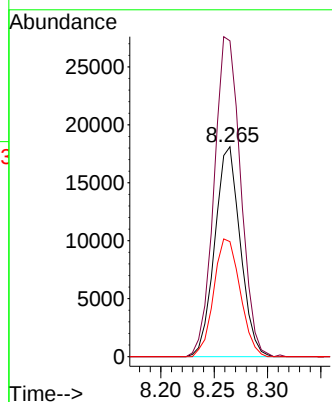


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

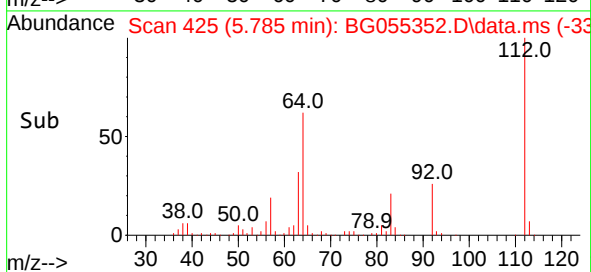
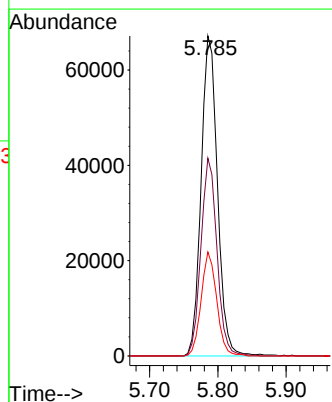
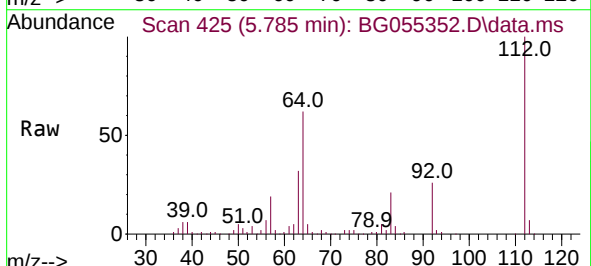


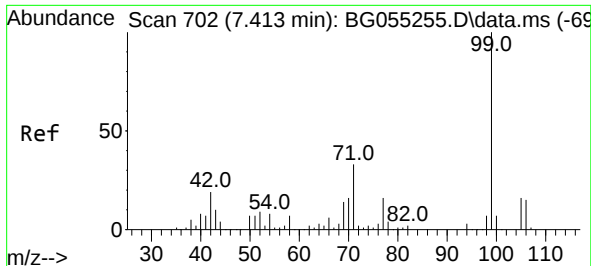
Tgt Ion:152 Resp: 30147
Ion Ratio Lower Upper
152 100
150 150.4 118.2 177.4
115 54.8 44.5 66.7



#5
2-Fluorophenol
Concen: 65.018 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

Tgt Ion:112 Resp: 111943
Ion Ratio Lower Upper
112 100
64 61.8 52.6 78.8
63 32.5 27.1 40.7

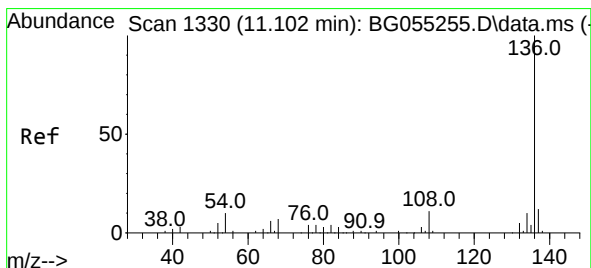
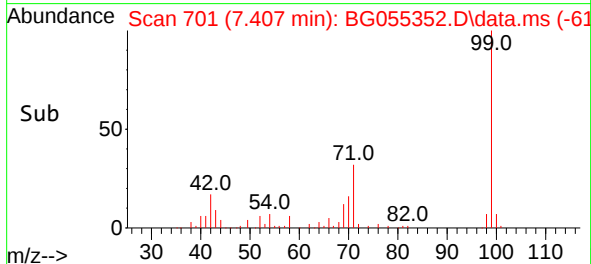
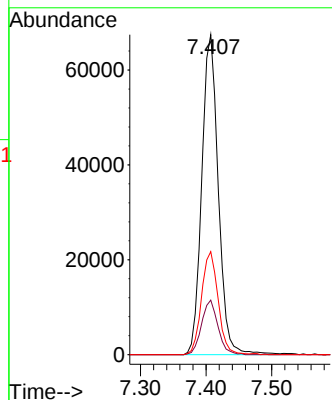
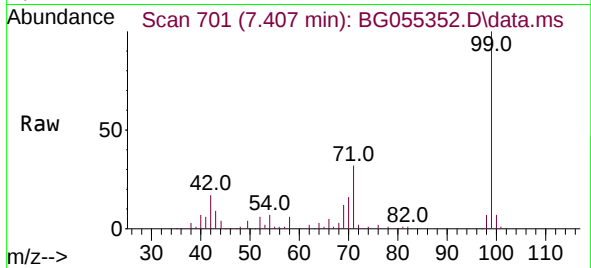




#7
Phenol-d6
Concen: 47.126 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

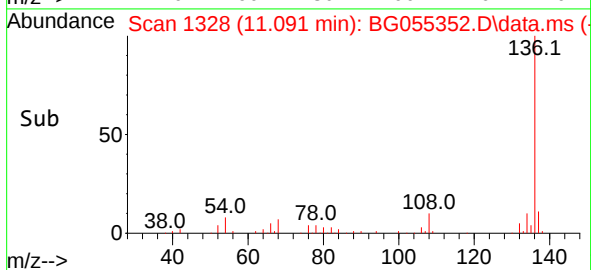
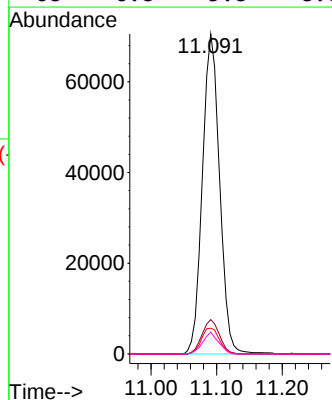
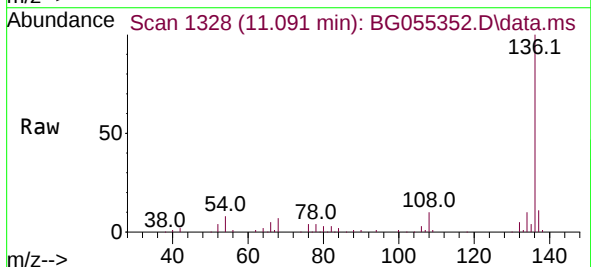
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

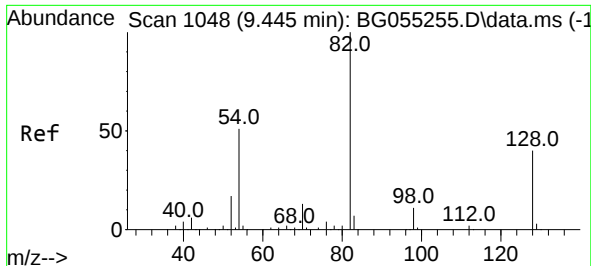
Tgt Ion: 99 Resp: 117550
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 32.2 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

Tgt Ion:136 Resp: 128006
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.0 7.8 11.8
68 6.8 5.8 8.6





#23

Nitrobenzene-d5

Concen: 82.813 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055352.D

Acq: 28 Oct 2022 22:07

Instrument :

BNA_G

ClientSampleId :

20221094-199-SITE-WATER

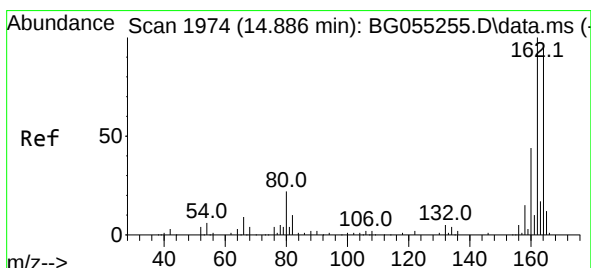
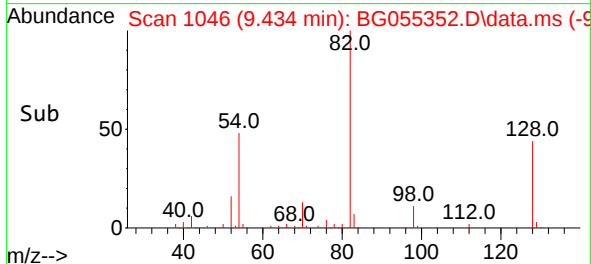
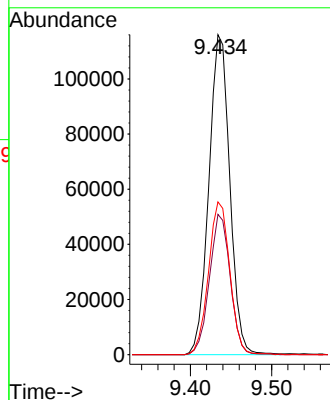
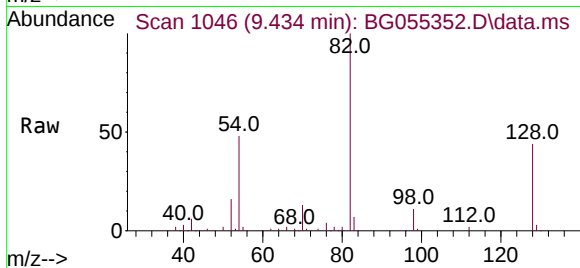
Tgt Ion: 82 Resp: 207597

Ion Ratio Lower Upper

82 100

128 43.8 32.0 48.0

54 47.7 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: BG055352.D

Acq: 28 Oct 2022 22:07

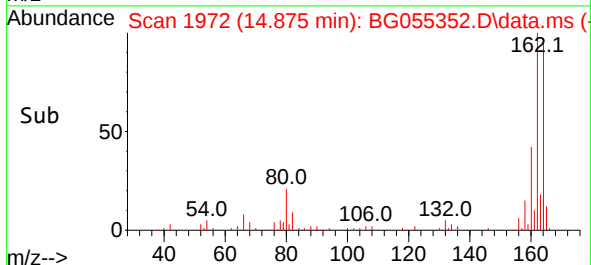
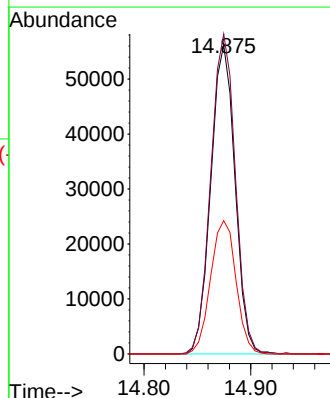
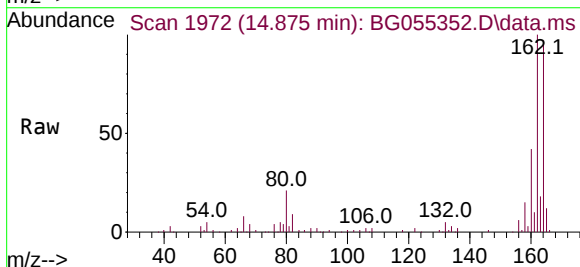
Tgt Ion: 164 Resp: 88602

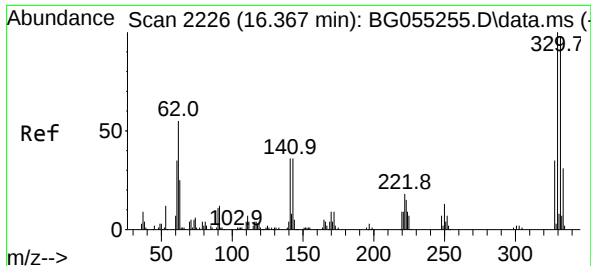
Ion Ratio Lower Upper

164 100

162 103.5 84.0 126.0

160 43.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 154.971 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055352.D

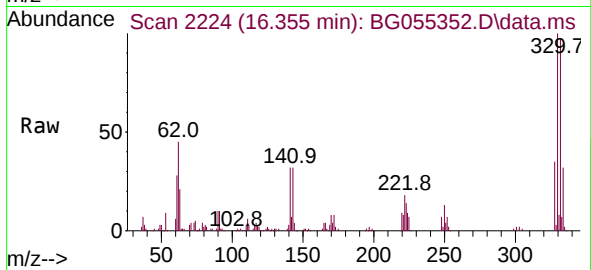
Acq: 28 Oct 2022 22:07

Instrument :

BNA_G

ClientSampleId :

20221094-199-SITE-WATER



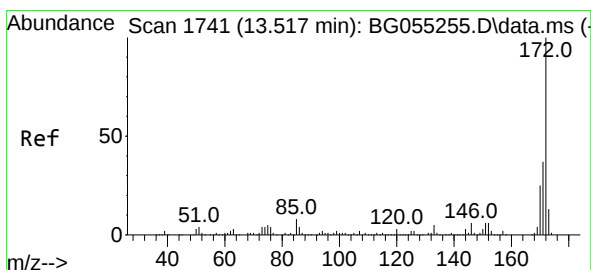
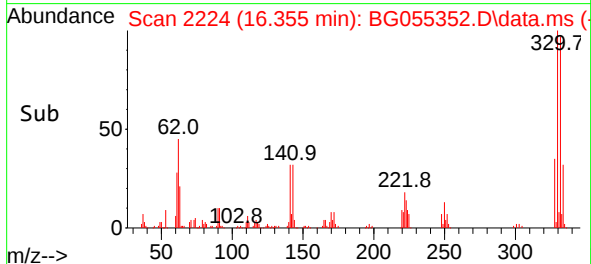
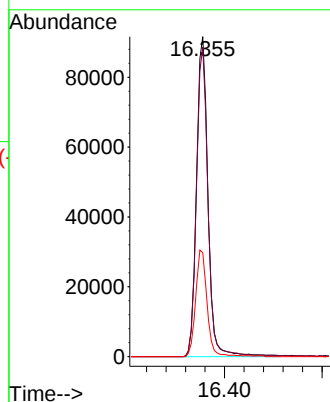
Tgt Ion:330 Resp: 149265

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 33.2 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 93.956 ng

RT: 13.506 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BG055352.D

Acq: 28 Oct 2022 22:07

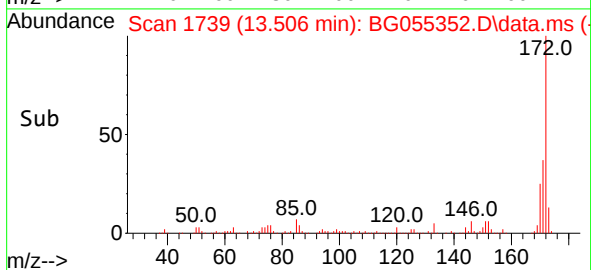
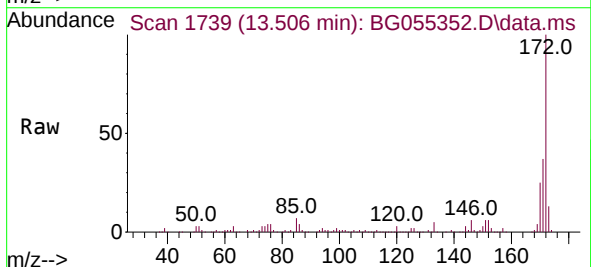
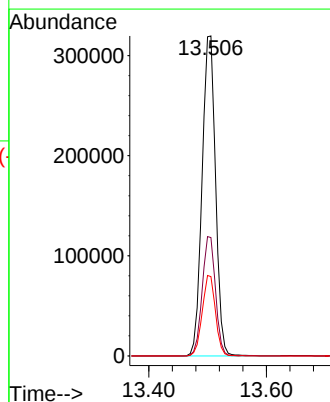
Tgt Ion:172 Resp: 508607

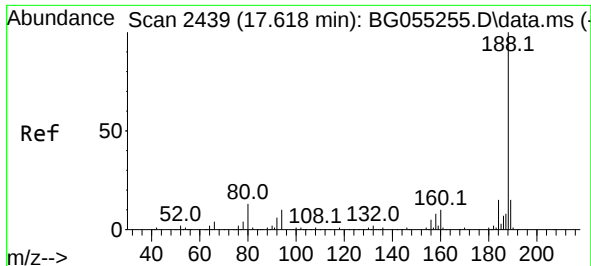
Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 24.8 20.2 30.2

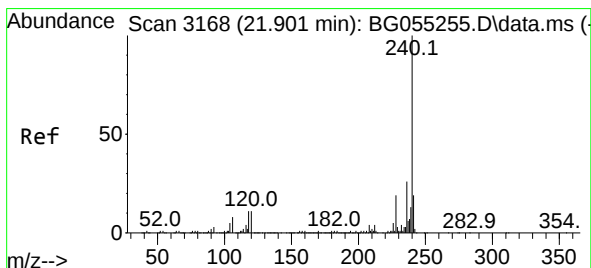
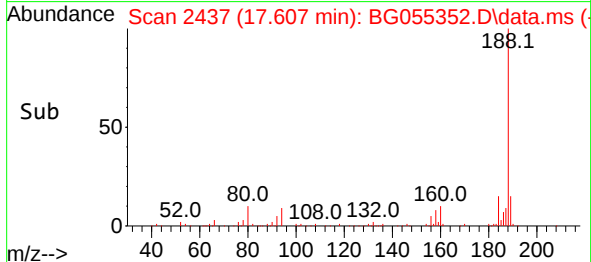
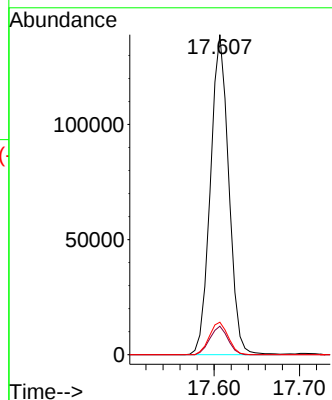
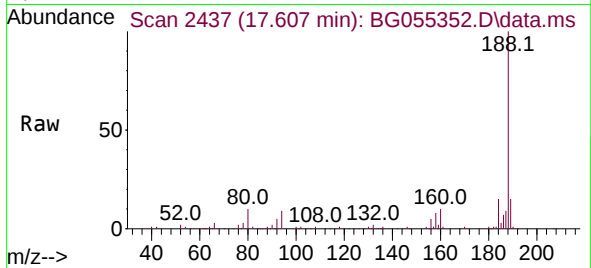




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

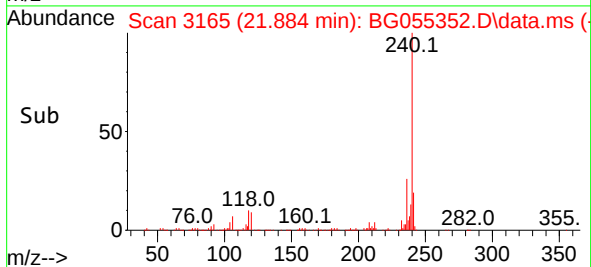
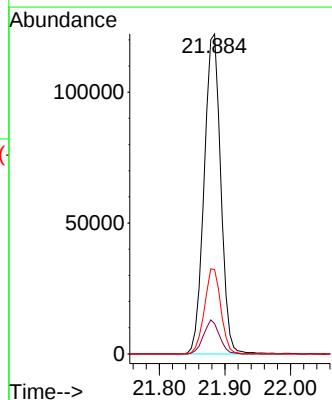
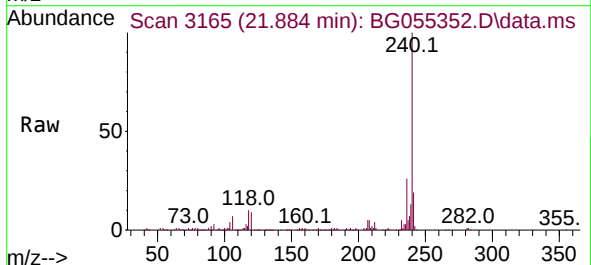
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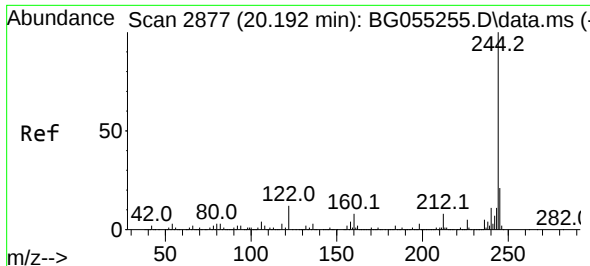
Tgt Ion:188 Resp: 206735
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.4
80 10.2 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

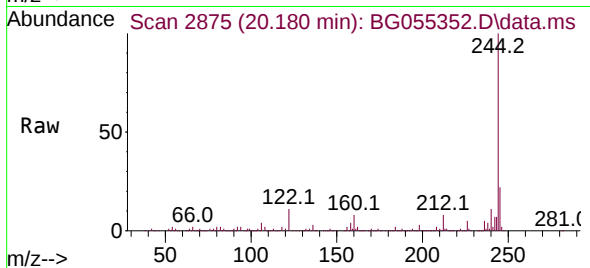
Tgt Ion:240 Resp: 213939
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 26.4 21.0 31.4



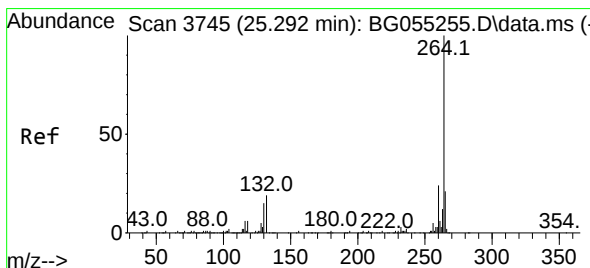
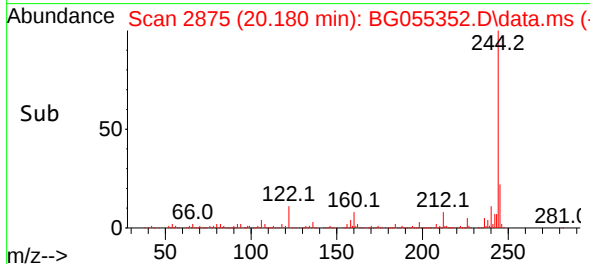
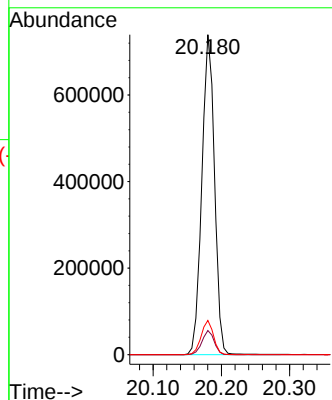


#79
 Terphenyl-d14
 Concen: 92.694 ng
 RT: 20.180 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BG055352.D
 Acq: 28 Oct 2022 22:07

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 954468
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.7 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: BG055352.D
 Acq: 28 Oct 2022 22:07

Tgt Ion:264 Resp: 221801
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.1 17.4 26.2

