

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)

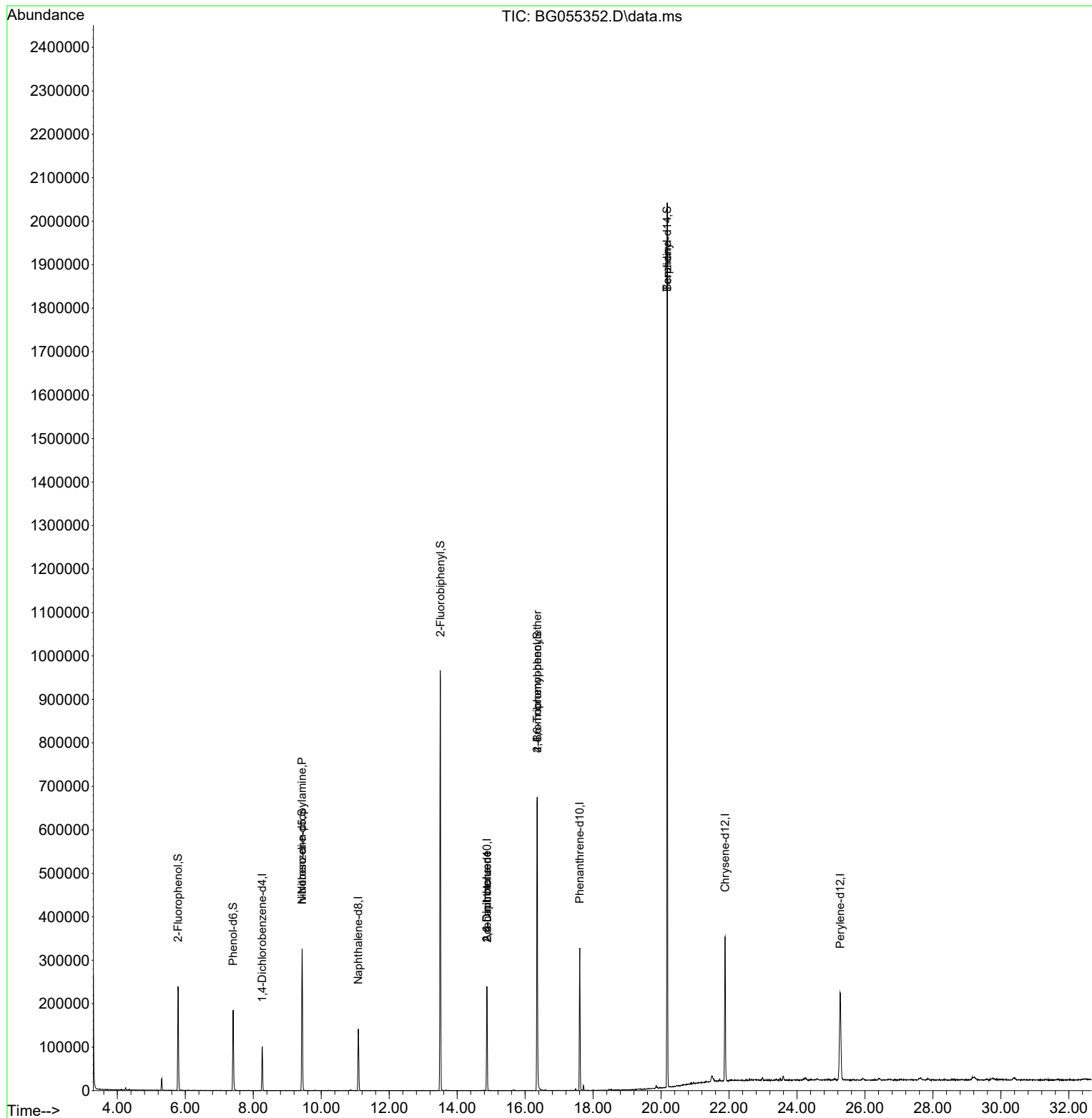
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	30147	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	128006	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	88602	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	206735	20.000	ng	0.00
76) Chrysene-d12	21.884	240	213939	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.434	70	27340	13.199	ng	# 79
51) 2,6-Dinitrotoluene	14.875	165	11017	7.783	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	11017	5.363	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	9335	4.648	ng	# 1
77) Benzidine	20.180	184	13989	2.701	ng	# 91

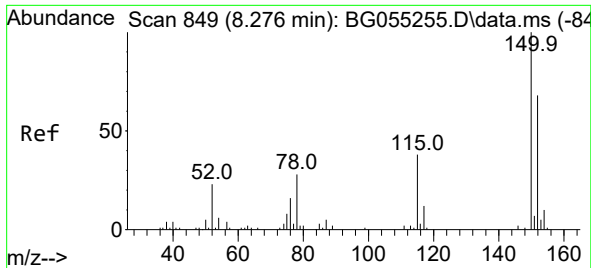
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_G
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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

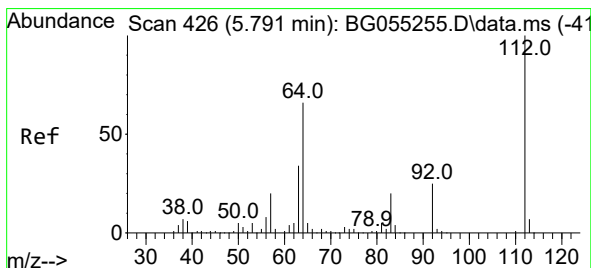
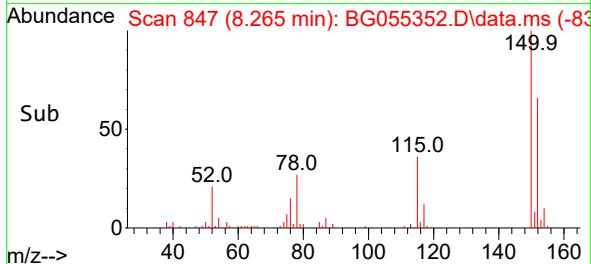
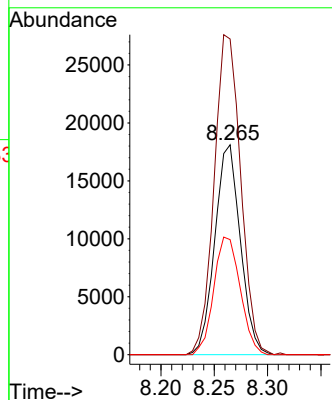
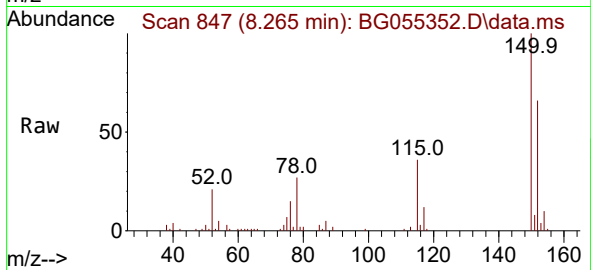




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

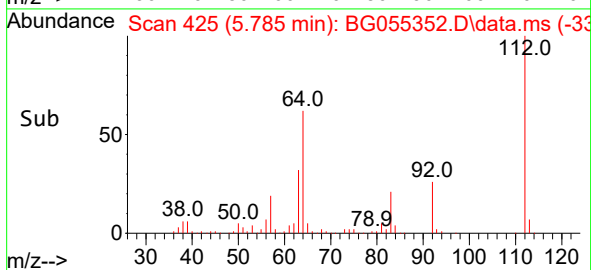
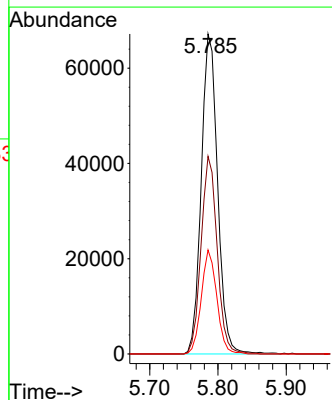
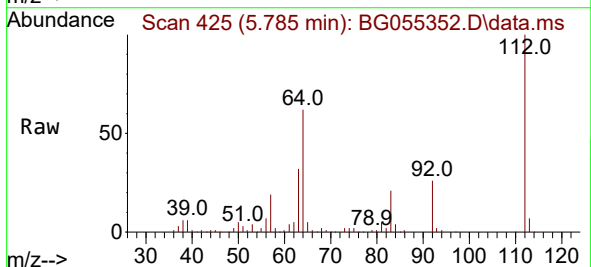
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

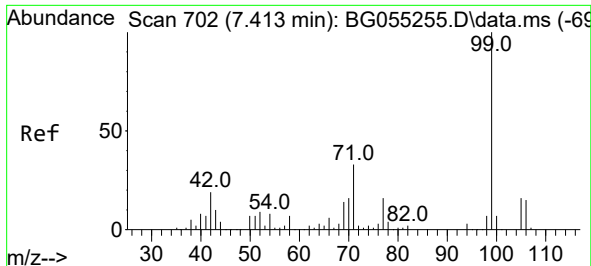
Tgt Ion:152 Resp: 30147
Ion Ratio Lower Upper
152 100
150 150.4 118.2 177.4
115 54.8 44.5 66.7



#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

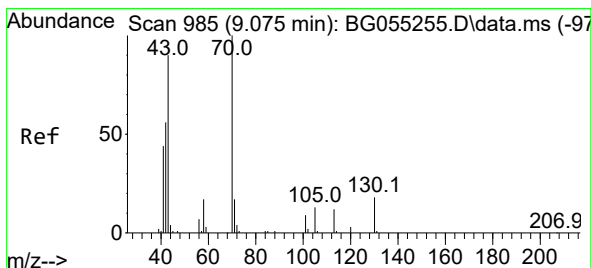
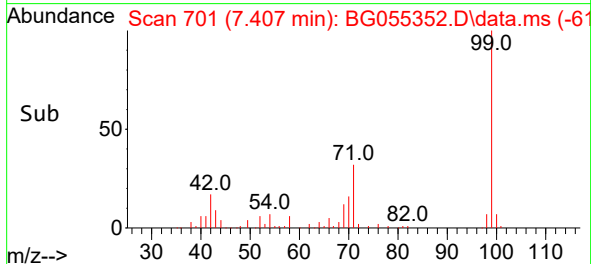
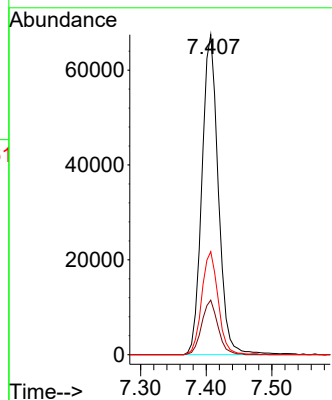
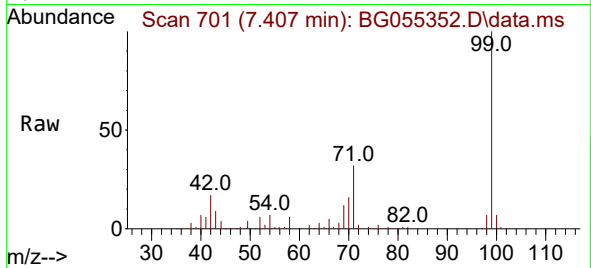




#7
Phenol-d6
Concen: 47.126 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

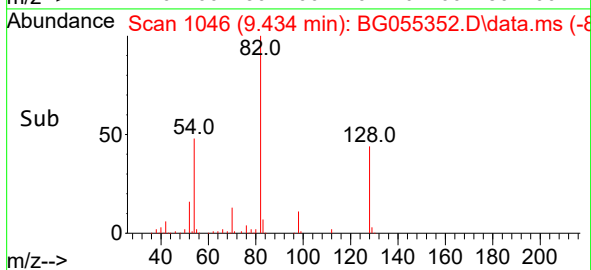
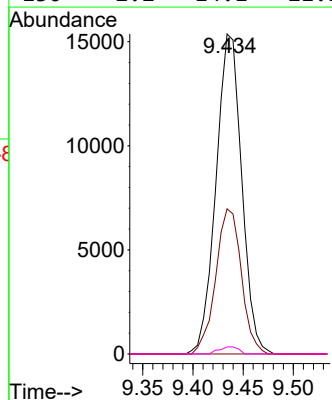
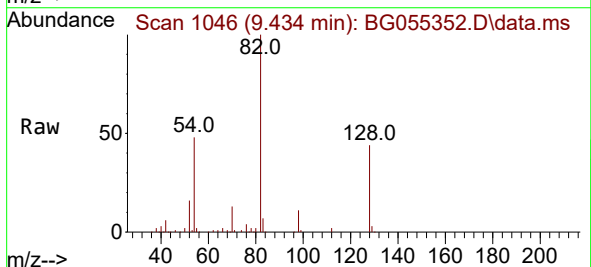
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

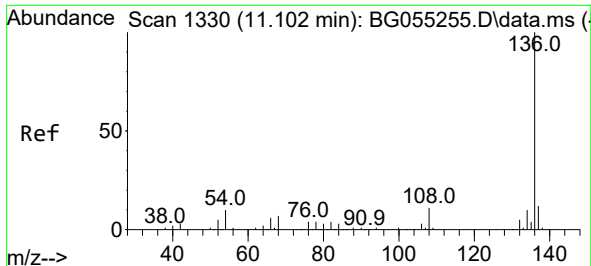
Tgt Ion: 99 Resp: 117550
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 32.2 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.199 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

Tgt Ion: 70 Resp: 27340
Ion Ratio Lower Upper
70 100
42 45.4 45.8 68.6#
101 0.0 7.4 11.0#
130 2.2 14.1 21.1#

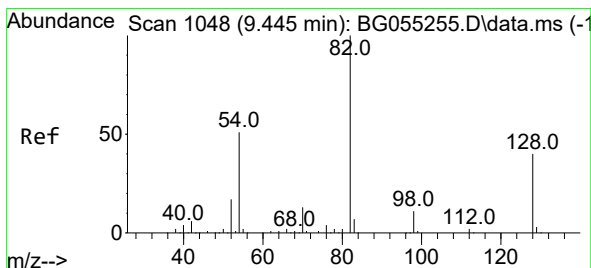
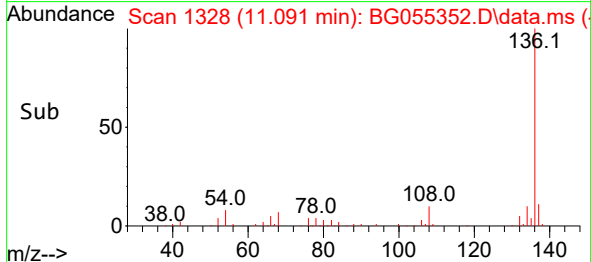
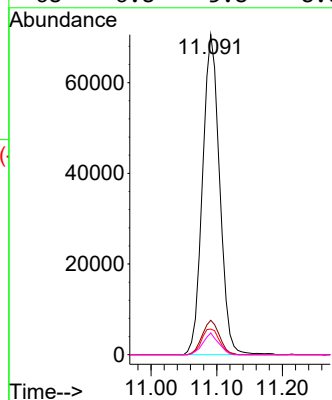
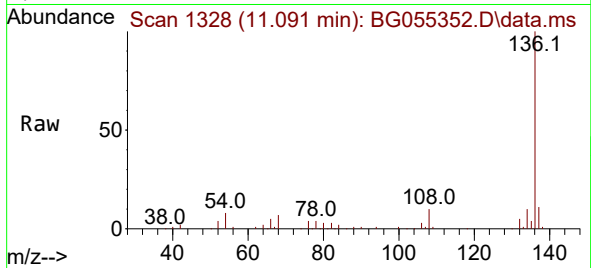




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

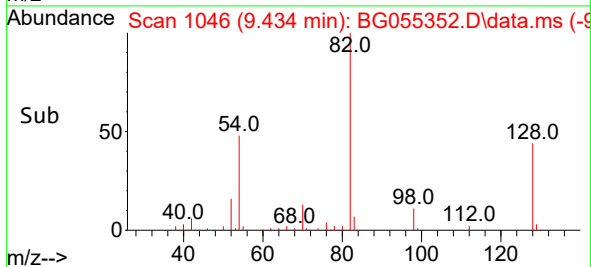
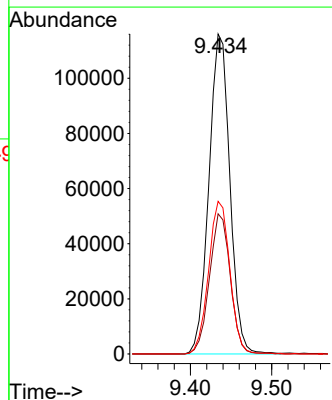
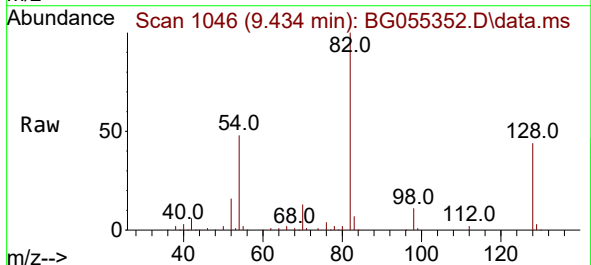
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

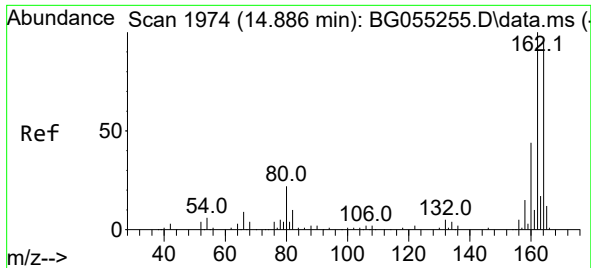
Tgt Ion:	136	Resp:	128006
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.0	7.8	11.8
68	6.8	5.8	8.6



#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

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

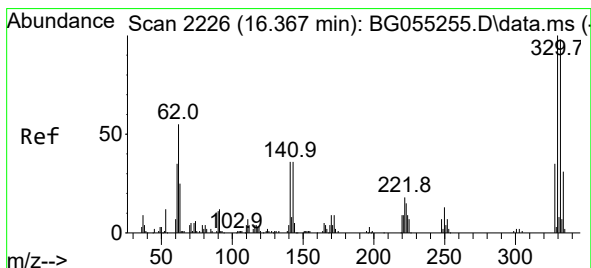
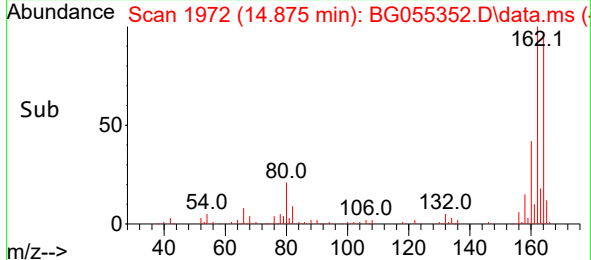
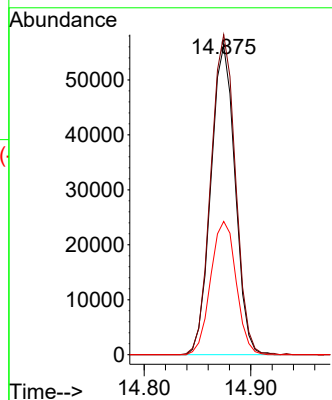
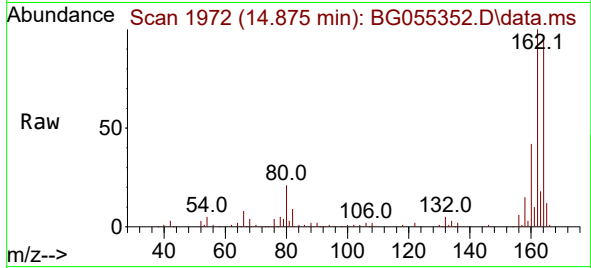




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

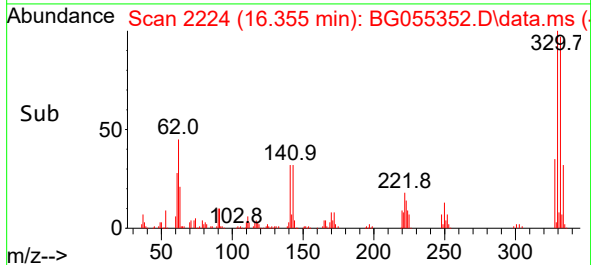
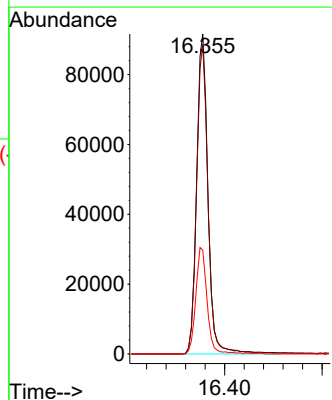
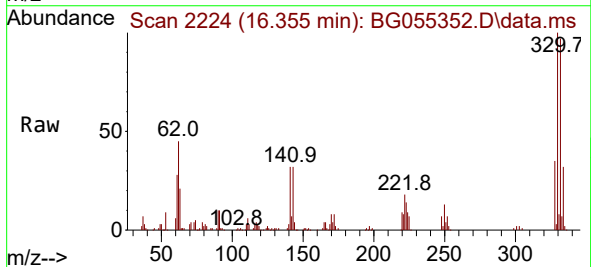
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

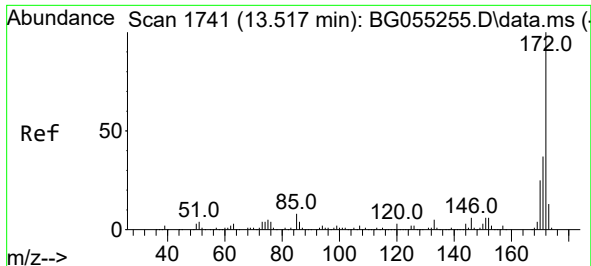
Tgt Ion:164 Resp: 88602
Ion Ratio Lower Upper
164 100
162 103.5 84.0 126.0
160 43.1 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 154.971 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

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

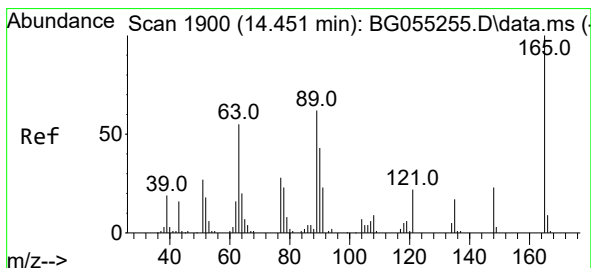
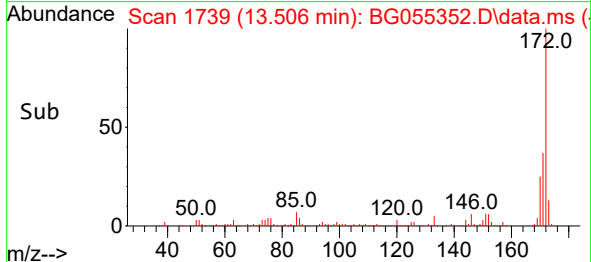
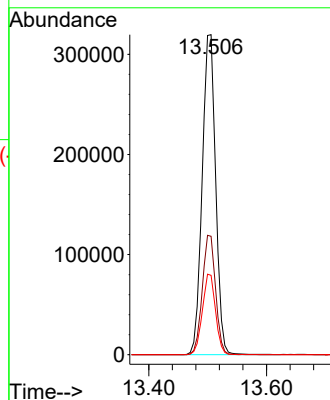
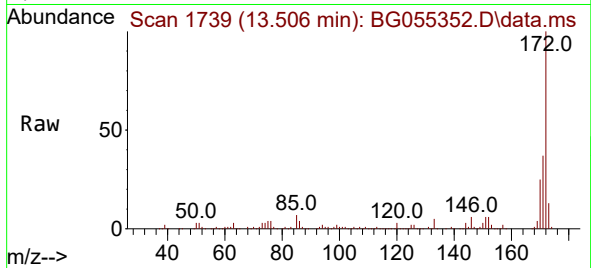




#45
2-Fluorobiphenyl
Concen: 93.956 ng
RT: 13.506 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

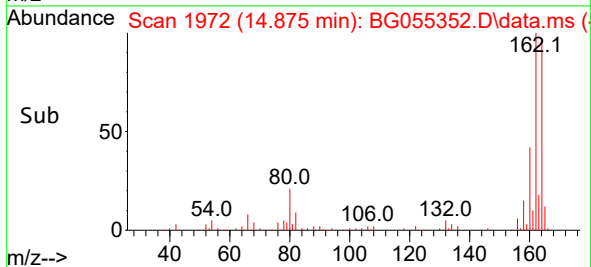
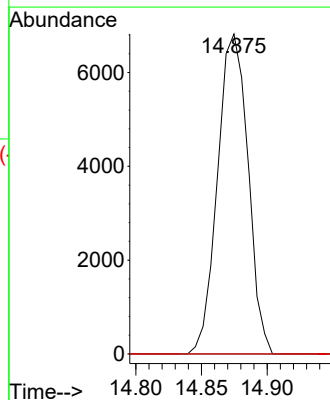
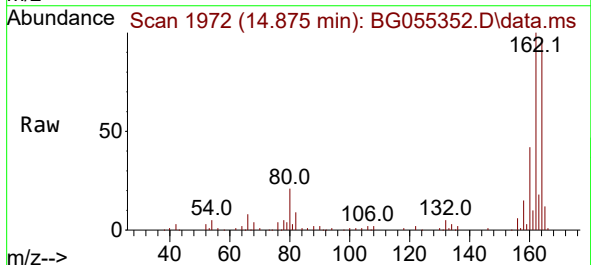
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

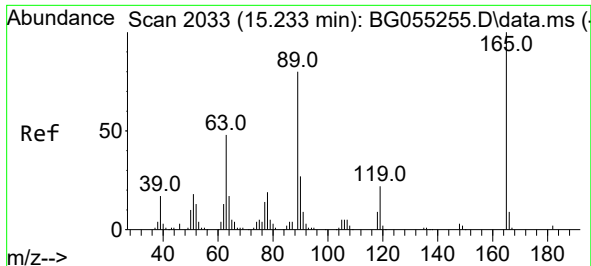
Tgt Ion:172 Resp: 508607
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.783 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

Tgt Ion:165 Resp: 11017
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.363 ng

RT: 14.875 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG055352.D

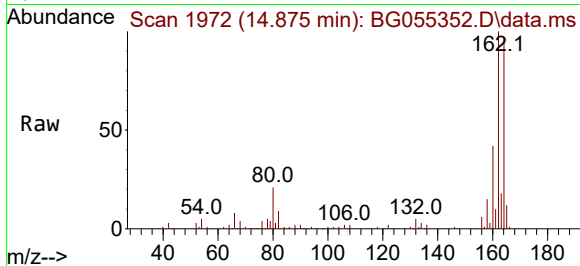
Acq: 28 Oct 2022 22:07

Instrument :

BNA_G

ClientSampleId :

20221094-199-SITE-WATER



Tgt Ion:165 Resp: 11017

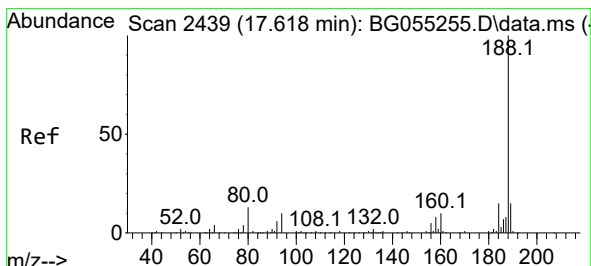
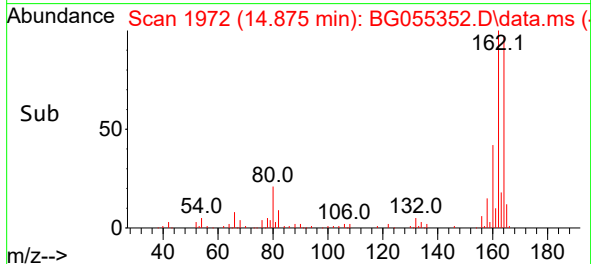
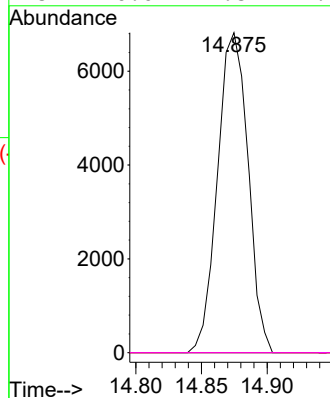
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#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

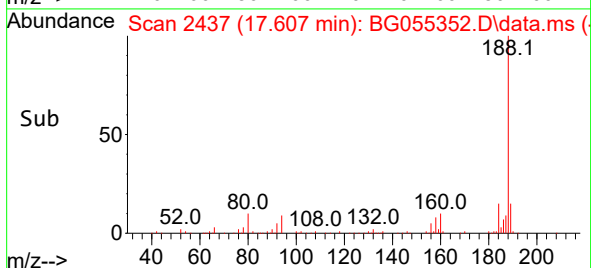
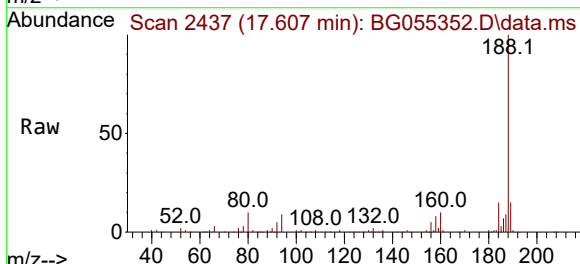
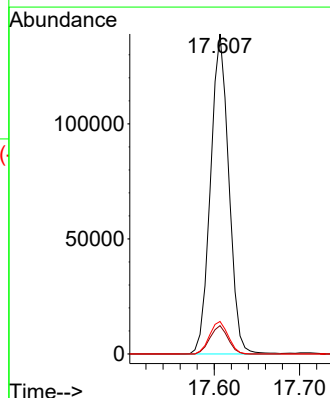
Tgt Ion:188 Resp: 206735

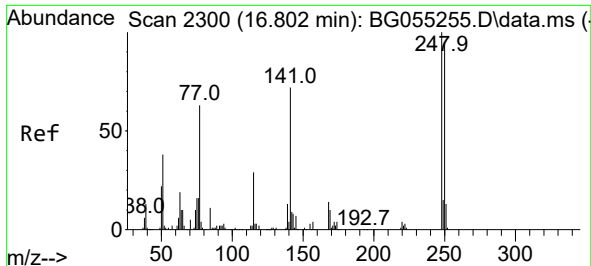
Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.2 10.1 15.1

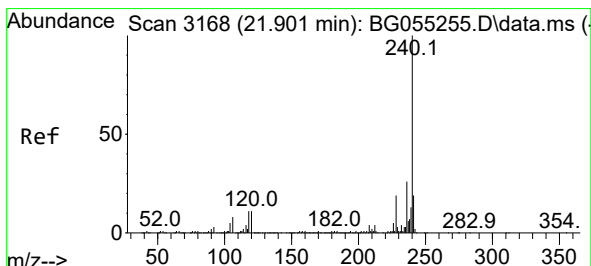
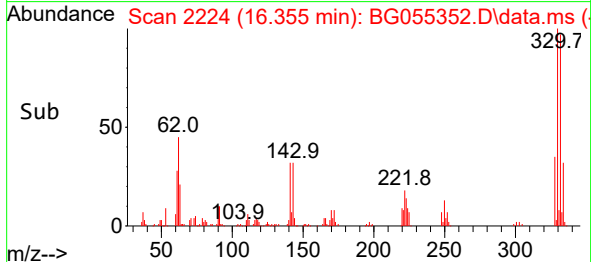
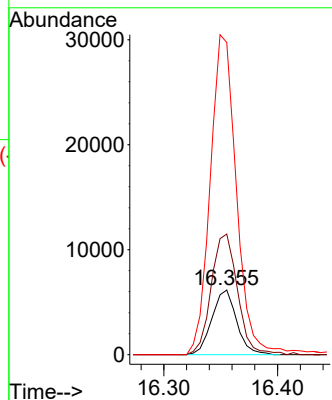
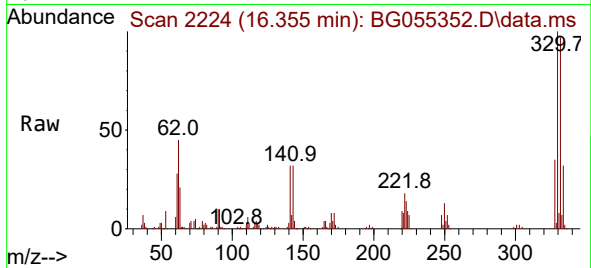




#67
4-Bromophenyl-phenylether
Concen: 4.648 ng
RT: 16.355 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

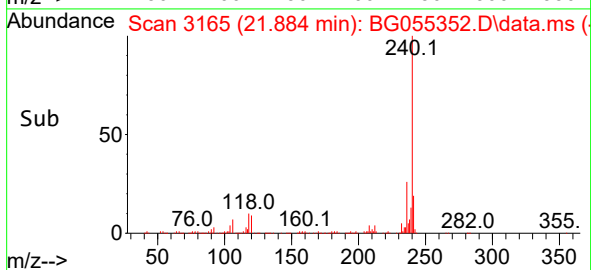
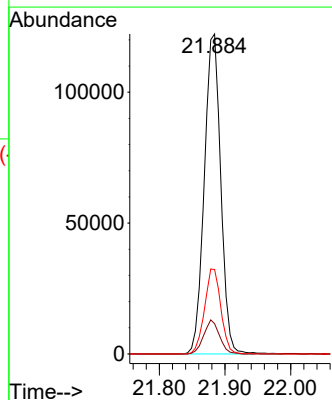
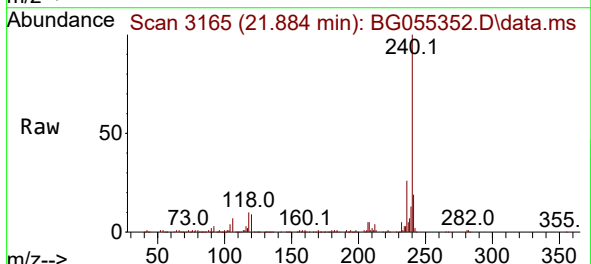
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

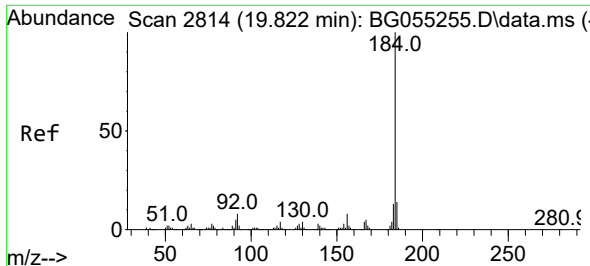
Tgt Ion:248 Resp: 9335
Ion Ratio Lower Upper
248 100
250 186.4 76.0 114.0#
141 482.7 58.0 87.0#



#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

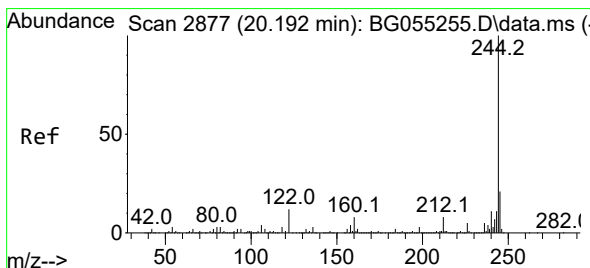
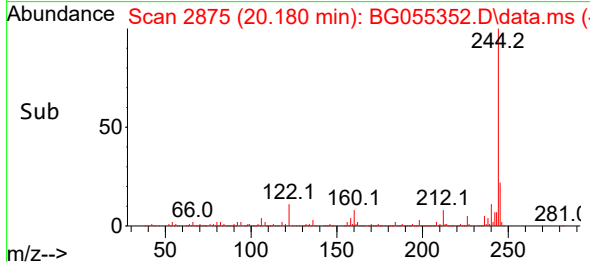
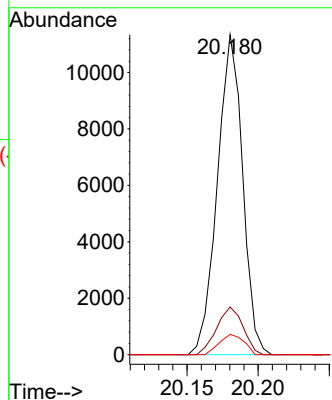
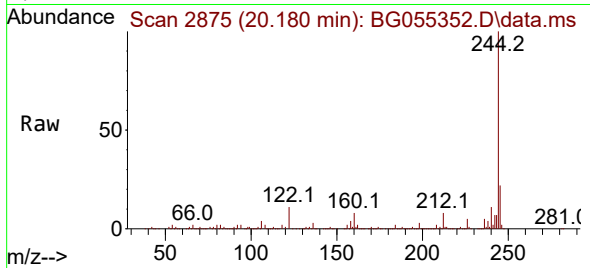




#77
Benzidine
Concen: 2.701 ng
RT: 20.180 min Scan# 2814
Delta R.T. 0.364 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

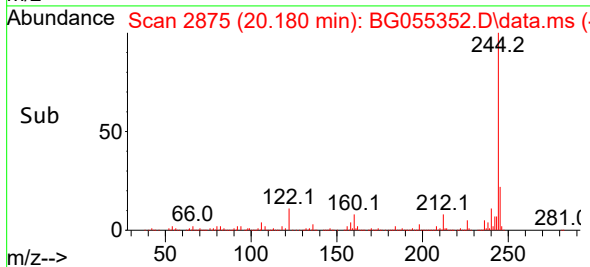
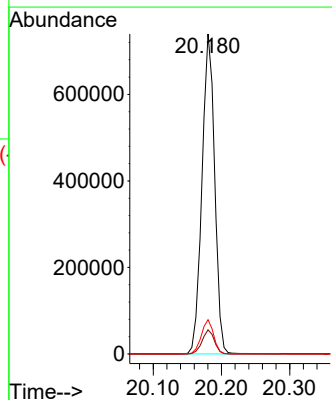
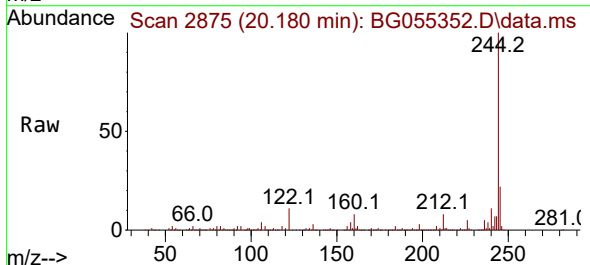
Instrument :
BNA_G
ClientSampleId :
20221094-199-SITE-WATER

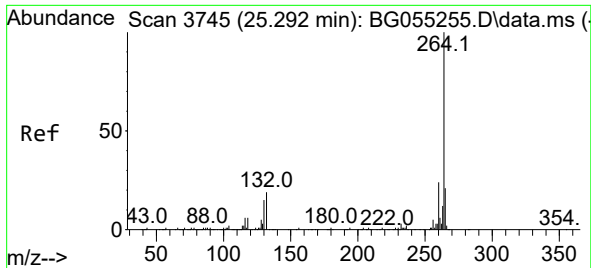
Tgt Ion:184 Resp: 13989
Ion Ratio Lower Upper
184 100
185 14.9 11.0 16.6
183 6.4 10.0 15.0#



#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

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# 31
Delta R.T. -0.018 min
Lab File: BG055352.D
Acq: 28 Oct 2022 22:07

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

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

