

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052507.D
 Acq On : 28 Feb 2022 18:44
 Operator : CG/JU
 Sample : N1668-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGED-WATER

Quant Time: Mar 01 01:00:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

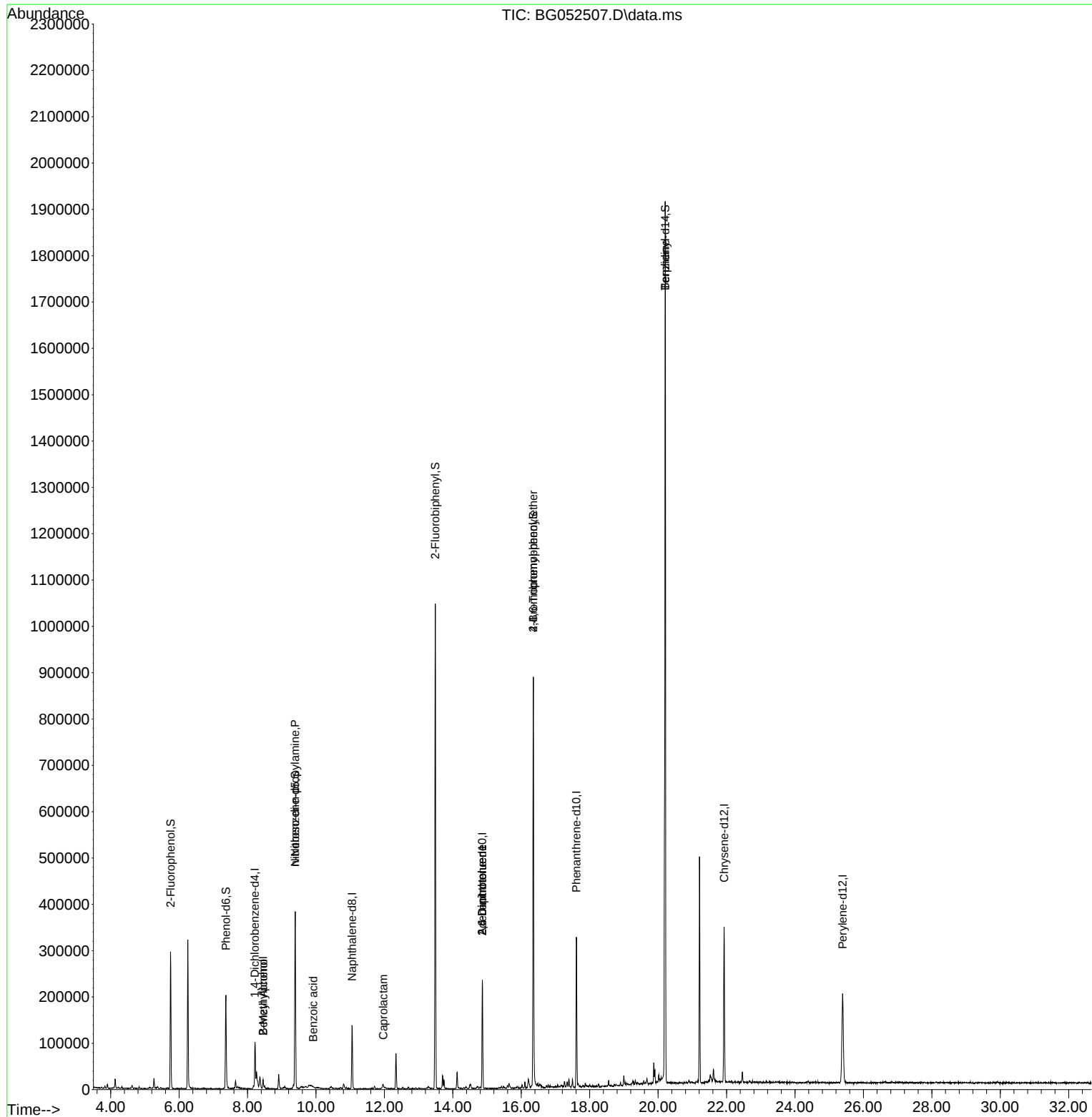
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	28458	20.000	ng	0.00
21) Naphthalene-d8	11.054	136	112224	20.000	ng	#-0.01
39) Acenaphthene-d10	14.861	164	82938	20.000	ng	-0.01
64) Phenanthrene-d10	17.610	188	211386	20.000	ng	-0.01
76) Chrysene-d12	21.928	240	218252	20.000	ng	-0.01
86) Perylene-d12	25.394	264	230591	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	127106	77.844	ng	0.00
7) Phenol-d6	7.365	99	115785	45.958	ng	0.00
23) Nitrobenzene-d5	9.392	82	240573	93.167	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	187533	157.387	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	562477	94.237	ng	0.00
79) Terphenyl-d14	20.207	244	1003922	81.227	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.452	79	7334	3.508	ng	91
17) 2-Methylphenol	8.452	107	3488	2.112	ng	# 16
19) n-Nitroso-di-n-propyla...	9.392	70	34410	18.117	ng	# 72
32) Benzoic acid	9.921	122	67	6.036	ng	# 1
35) Caprolactam	11.965	113	1696	2.526	ng	# 63
51) 2,6-Dinitrotoluene	14.861	165	11124	8.114	ng	# 16
57) 2,4-Dinitrotoluene	14.861	165	11124	5.701	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	11802	4.591	ng	# 1
77) Benzidine	20.207	184	14356	3.078	ng	# 79

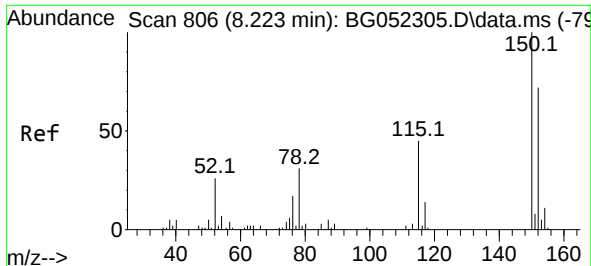
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 01:00:12 2022
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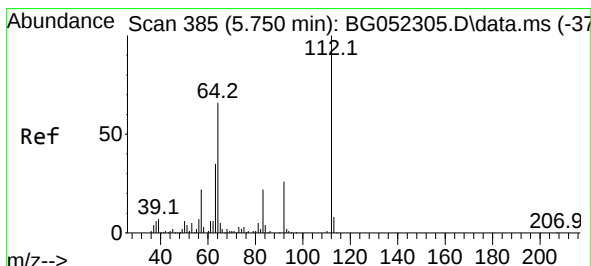
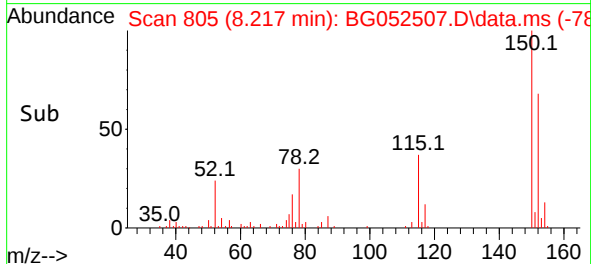
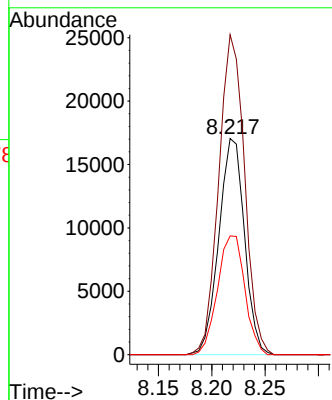
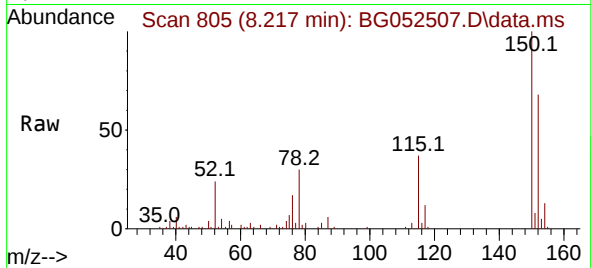




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

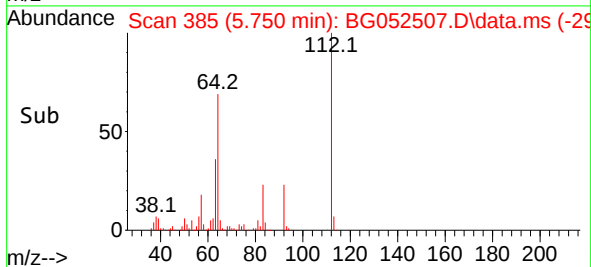
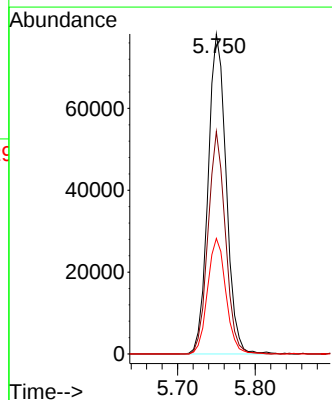
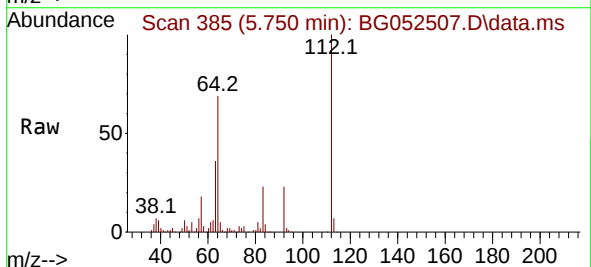
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

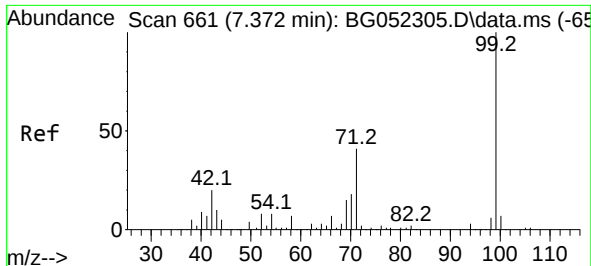
Tgt Ion:152 Resp: 28458
Ion Ratio Lower Upper
152 100
150 148.1 117.8 176.8
115 54.9 50.2 75.2



#5
2-Fluorophenol
Concen: 77.844 ng
RT: 5.750 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion:112 Resp: 127106
Ion Ratio Lower Upper
112 100
64 69.5 60.4 90.6
63 36.1 33.3 49.9

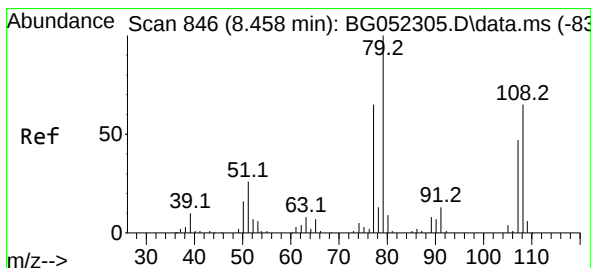
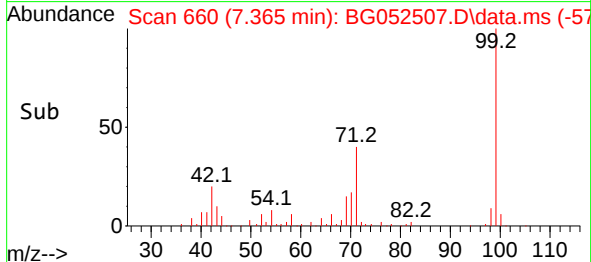
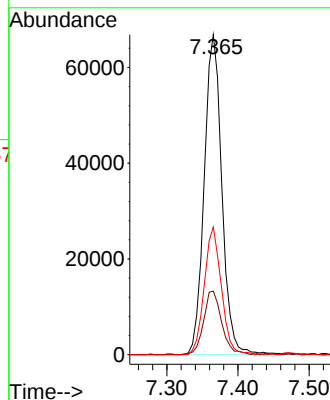
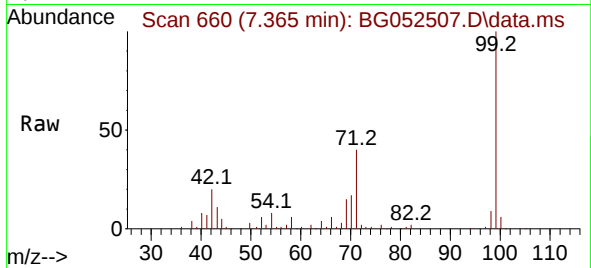




#7
Phenol-d6
Concen: 45.958 ng
RT: 7.365 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

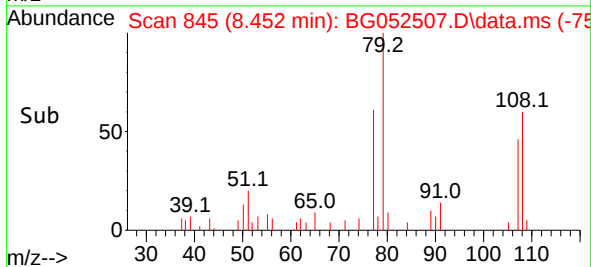
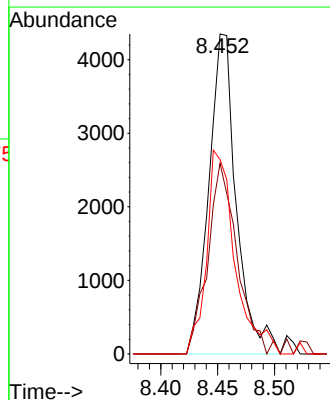
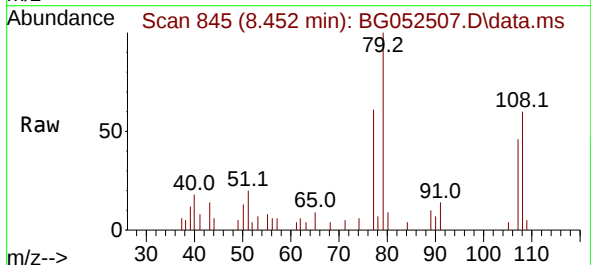
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

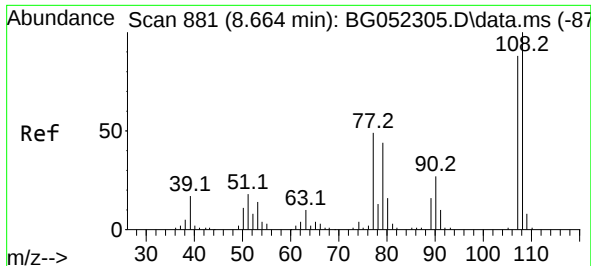
Tgt Ion: 99 Resp: 115785
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 39.9 33.4 50.2



#15
Benzyl Alcohol
Concen: 3.508 ng
RT: 8.452 min Scan# 845
Delta R.T. -0.006 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion: 79 Resp: 7334
Ion Ratio Lower Upper
79 100
108 59.6 53.8 80.6
77 60.8 54.4 81.6





#17

2-Methylphenol

Concen: 2.112 ng

RT: 8.452 min Scan# 84

Delta R.T. -0.212 min

Lab File: BG052507.D

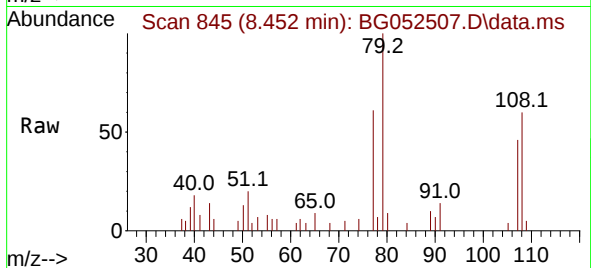
Acq: 28 Feb 2022 18:44

Instrument :

BNA_G

ClientSampleId :

PURGED-WATER



Tgt Ion:107 Resp: 3488

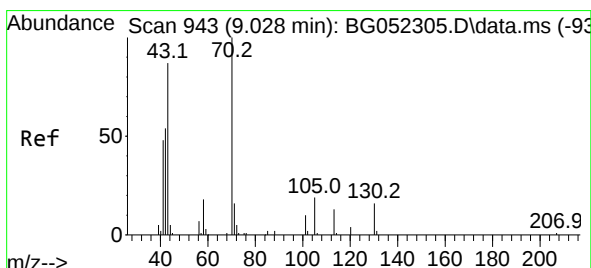
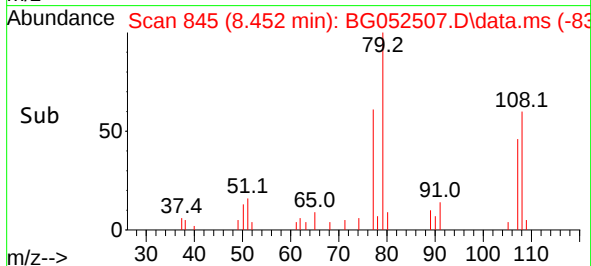
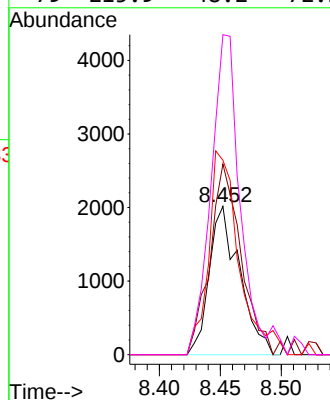
Ion Ratio Lower Upper

107 100

108 128.6 90.3 135.5

77 131.2 49.0 73.6#

79 215.9 48.2 72.2#



#19

n-Nitroso-di-n-propylamine

Concen: 18.117 ng

RT: 9.392 min Scan# 1005

Delta R.T. 0.364 min

Lab File: BG052507.D

Acq: 28 Feb 2022 18:44

Tgt Ion: 70 Resp: 34410

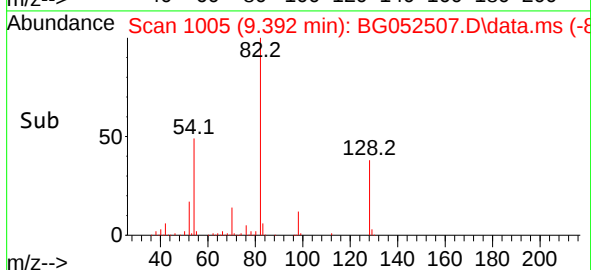
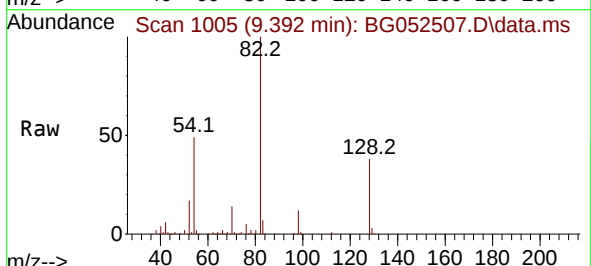
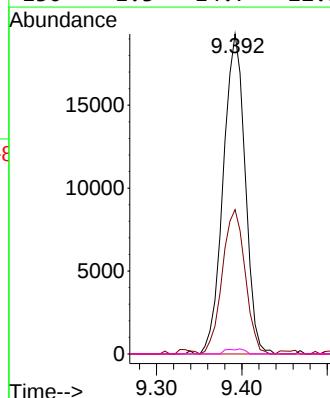
Ion Ratio Lower Upper

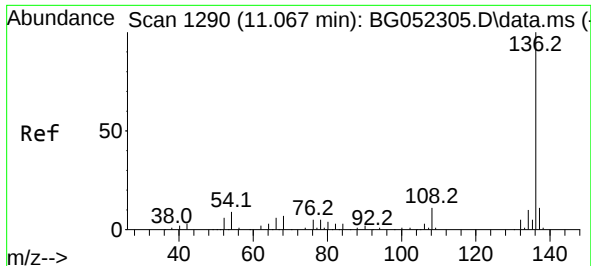
70 100

42 45.1 51.8 77.6#

101 0.0 6.6 10.0#

130 1.3 14.7 22.1#

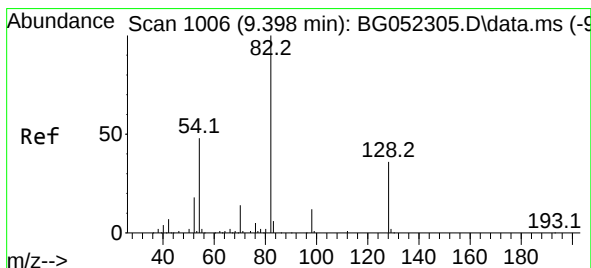
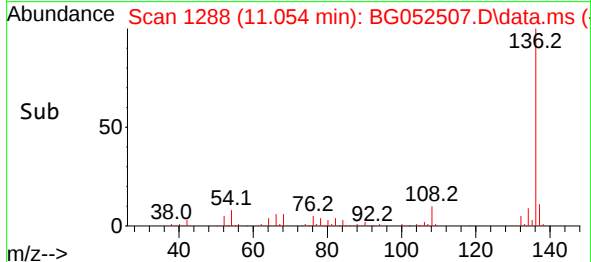
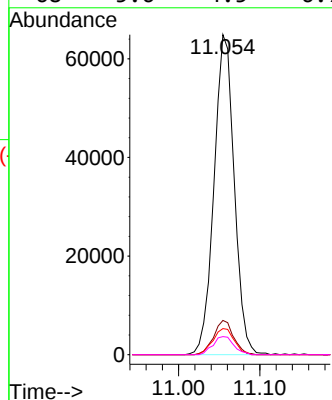
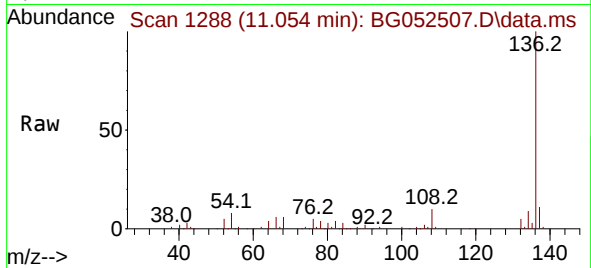




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

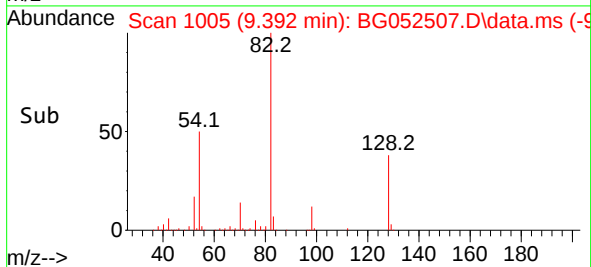
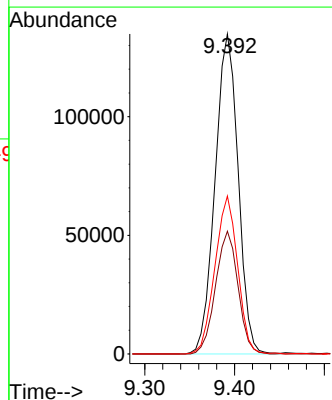
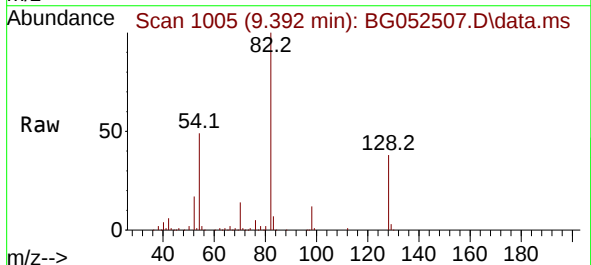
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

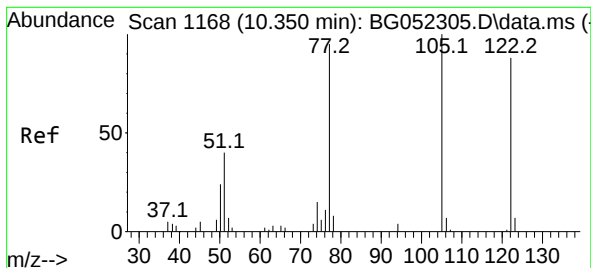
Tgt Ion:	136	Resp:	112224
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	8.2	8.3	12.5#
68	5.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 93.167 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion:	82	Resp:	240573
Ion Ratio	Lower	Upper	
82	100		
128	38.3	27.0	40.4
54	49.4	41.0	61.6





#32

Benzoic acid

Concen: 6.036 ng

RT: 9.921 min Scan# 1

Delta R.T. -0.429 min

Lab File: BG052507.D

Acq: 28 Feb 2022 18:44

Instrument :

BNA_G

ClientSampleId :

PURGED-WATER

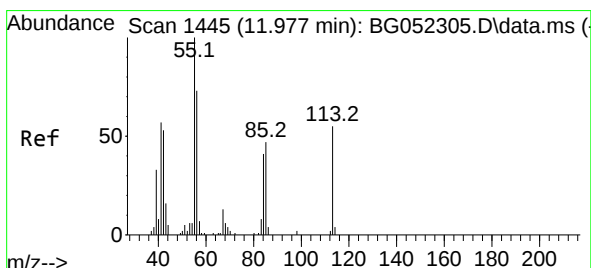
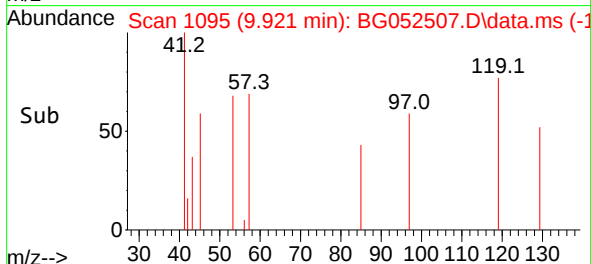
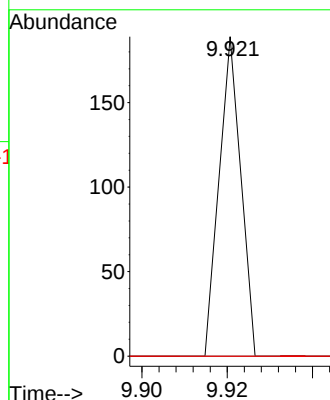
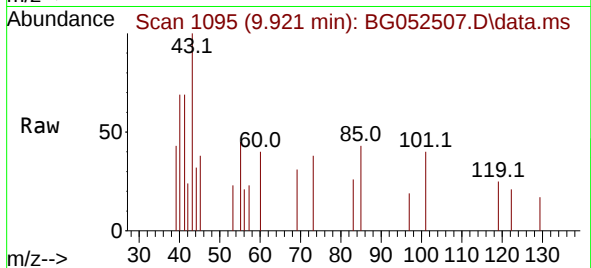
Tgt Ion:122 Resp: 67

Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#



#35

Caprolactam

Concen: 2.526 ng

RT: 11.965 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BG052507.D

Acq: 28 Feb 2022 18:44

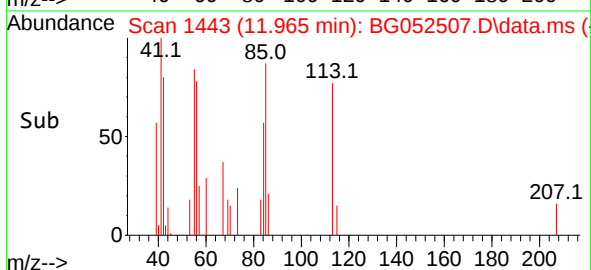
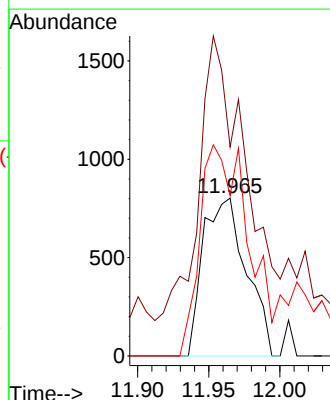
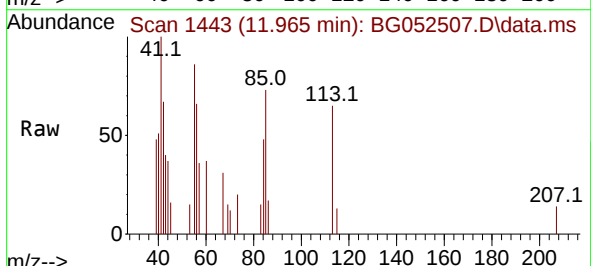
Tgt Ion:113 Resp: 1696

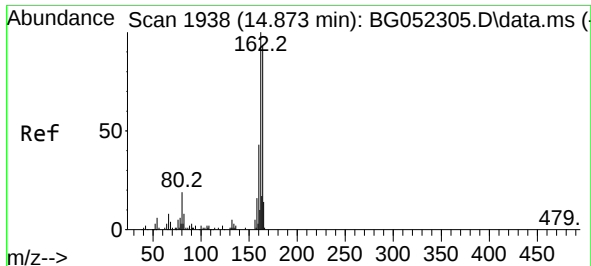
Ion Ratio Lower Upper

113 100

55 132.3 161.4 201.4#

56 101.5 132.6 172.6#

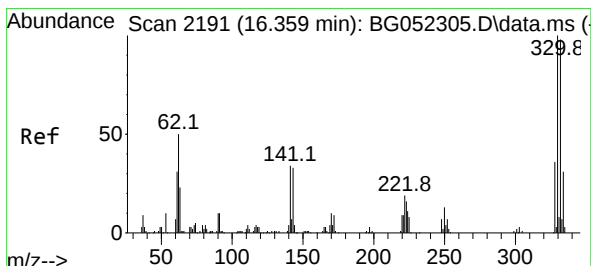
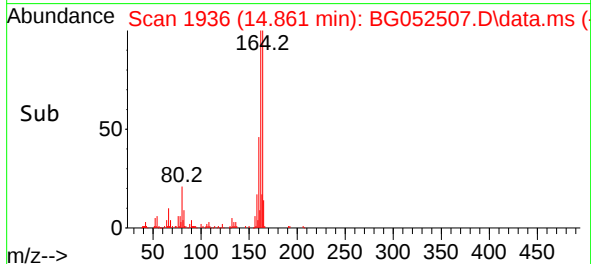
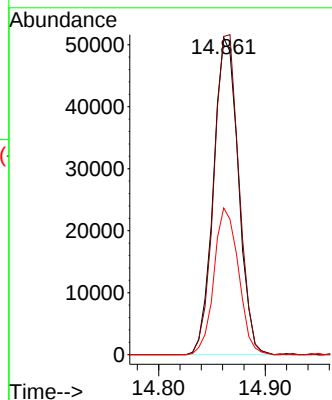
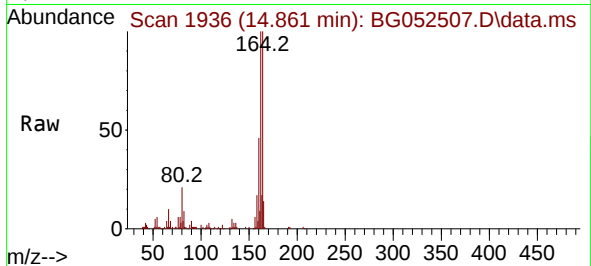




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.861 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

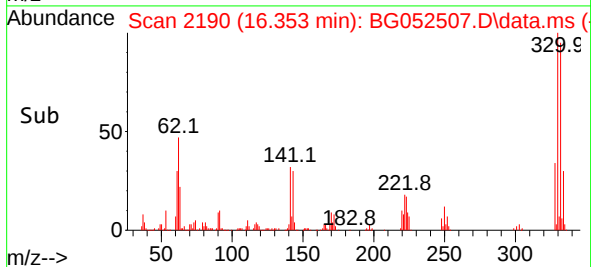
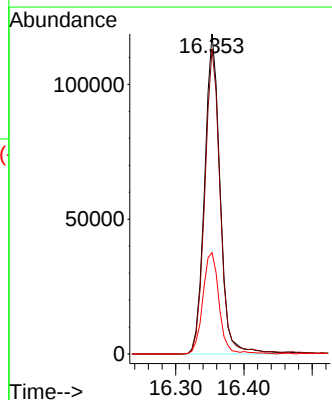
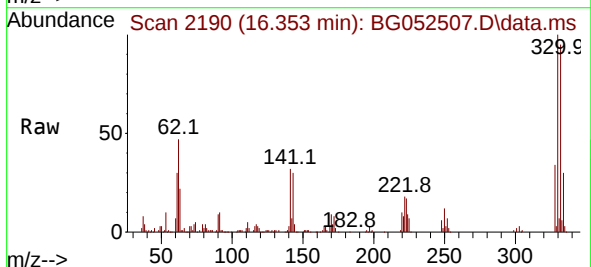
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

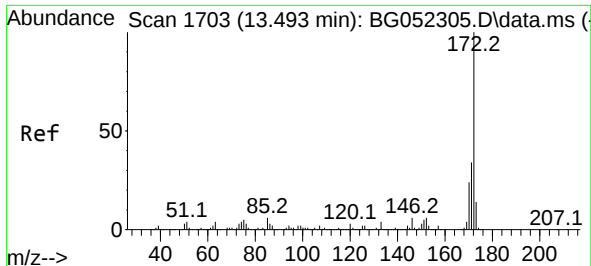
Tgt Ion:164 Resp: 82938
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 46.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 157.387 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion:330 Resp: 187533
Ion Ratio Lower Upper
330 100
332 95.4 78.6 117.8
141 33.3 28.8 43.2

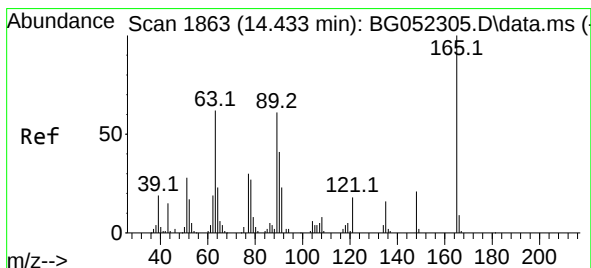
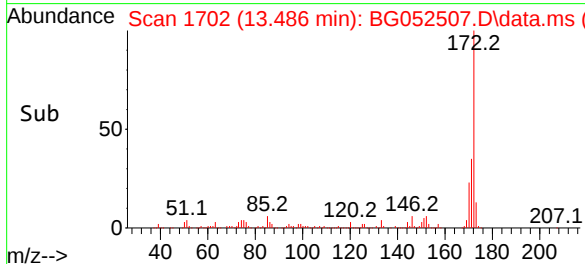
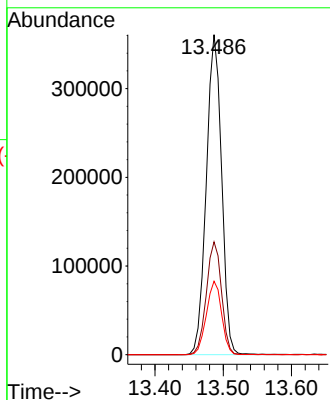
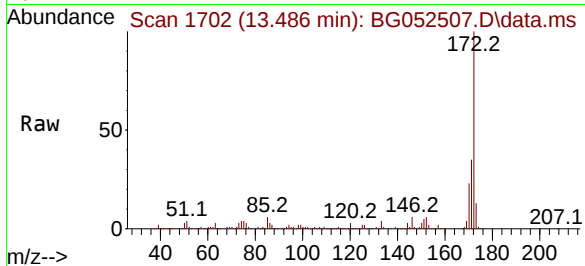




#45
2-Fluorobiphenyl
Concen: 94.237 ng
RT: 13.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

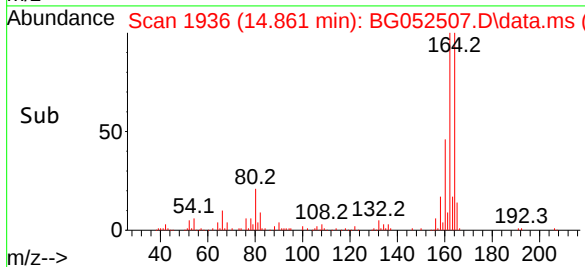
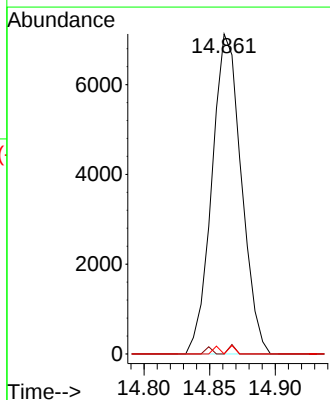
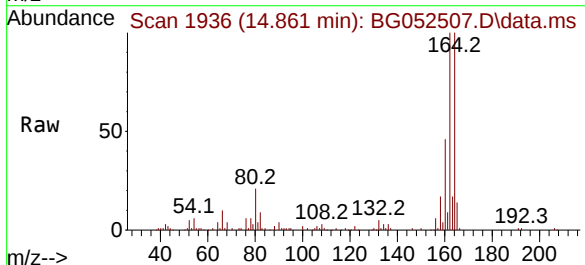
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

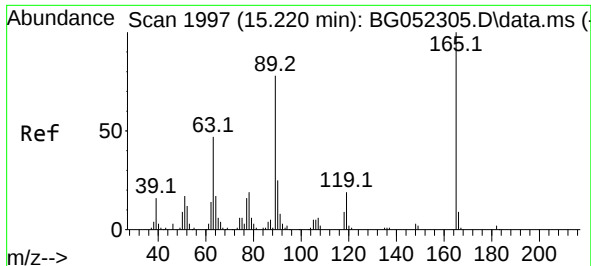
Tgt Ion:172 Resp: 562477
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.9 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.114 ng
RT: 14.861 min Scan# 1936
Delta R.T. 0.428 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion:165 Resp: 11124
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

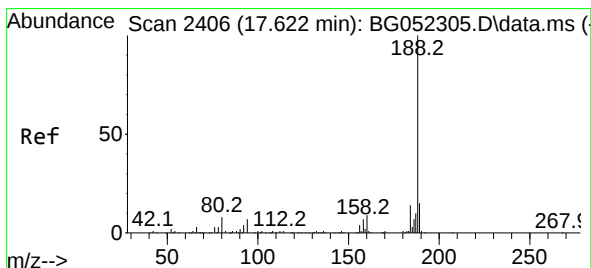
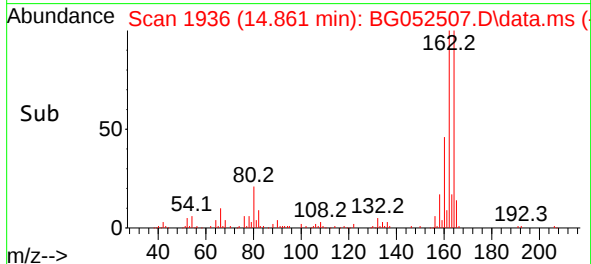
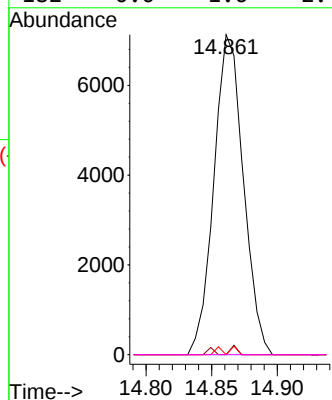
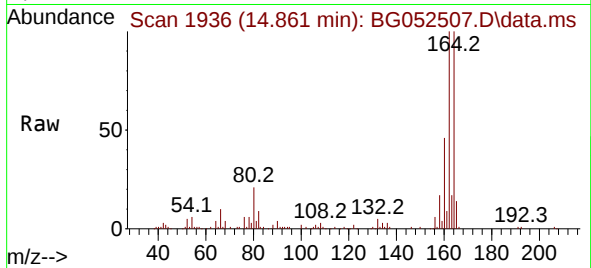




#57
2,4-Dinitrotoluene
Concen: 5.701 ng
RT: 14.861 min Scan# 1997
Delta R.T. -0.359 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

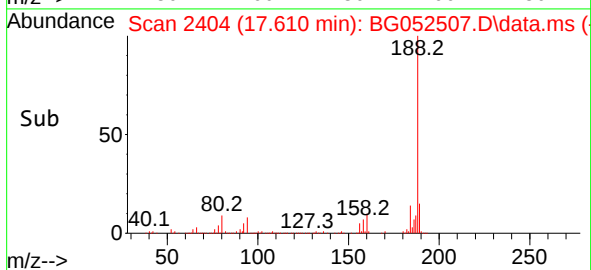
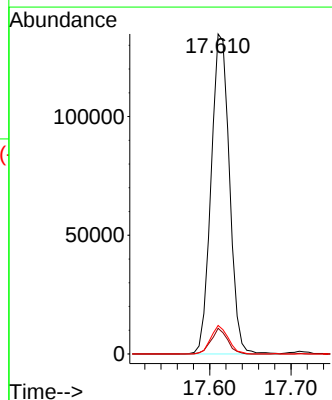
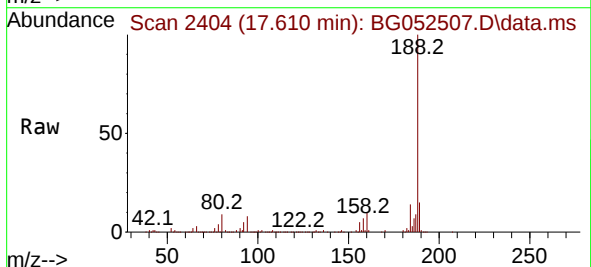
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

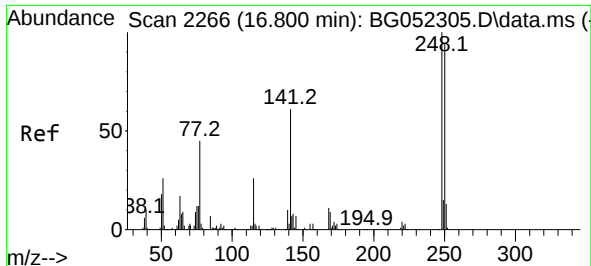
Tgt Ion:165 Resp: 11124
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.610 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion:188 Resp: 211386
Ion Ratio Lower Upper
188 100
94 8.0 5.9 8.9
80 8.9 6.6 10.0

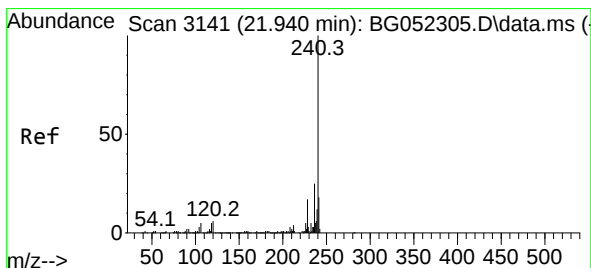
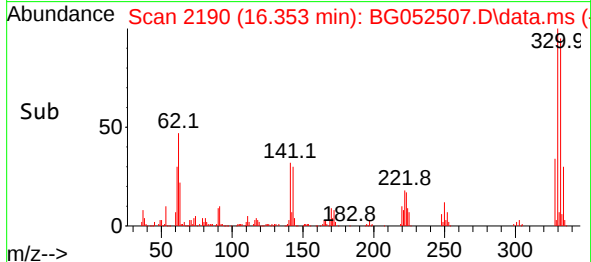
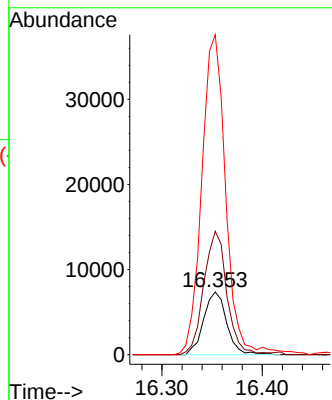
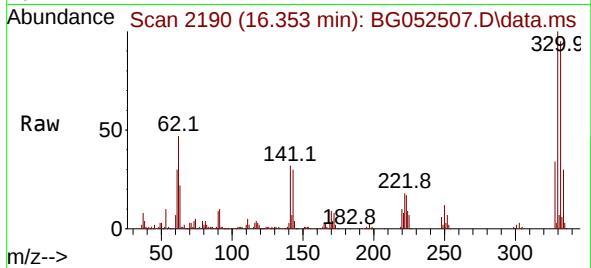




#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 16.353 min Scan# 21190
Delta R.T. -0.447 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

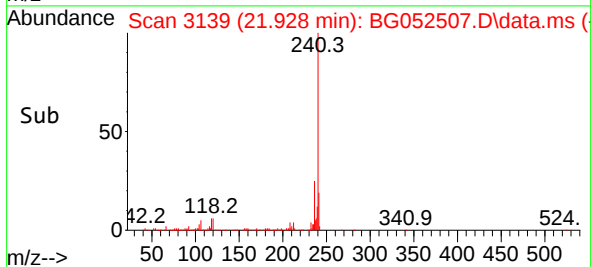
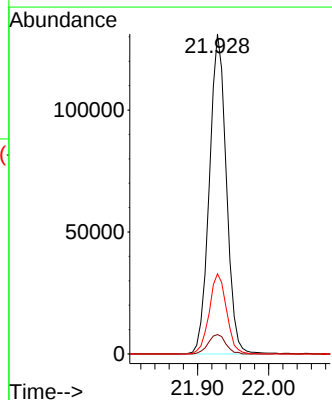
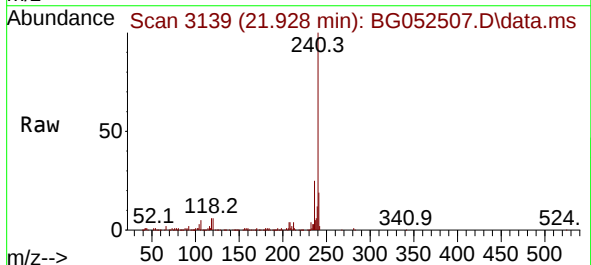
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

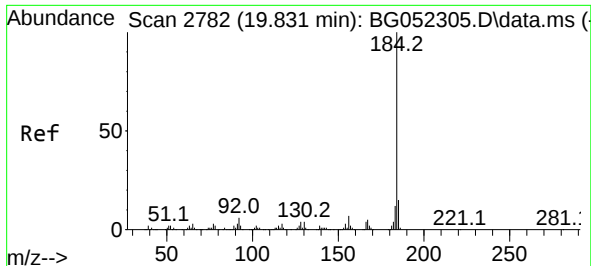
Tgt Ion:248 Resp: 11802
Ion Ratio Lower Upper
248 100
250 196.5 79.6 119.4#
141 510.0 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion:240 Resp: 218252
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 25.1 20.8 31.2

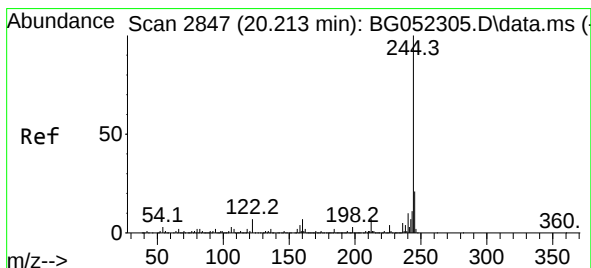
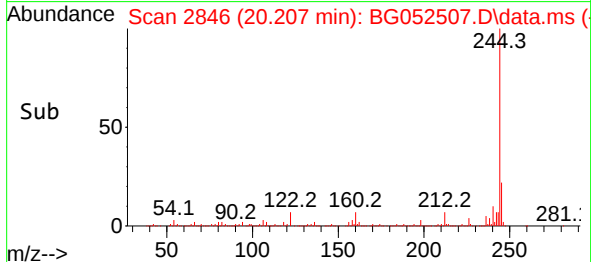
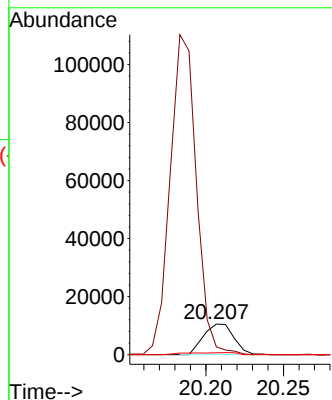
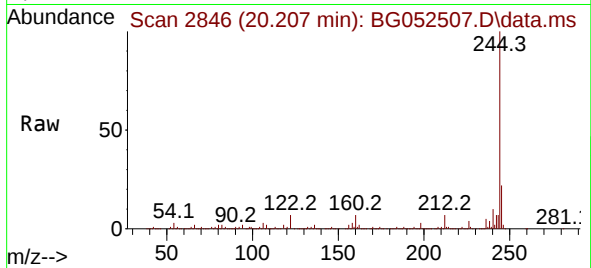




#77
Benzidine
Concen: 3.078 ng
RT: 20.207 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

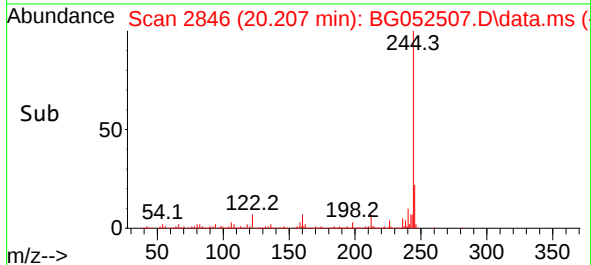
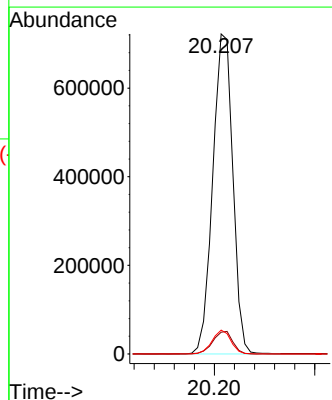
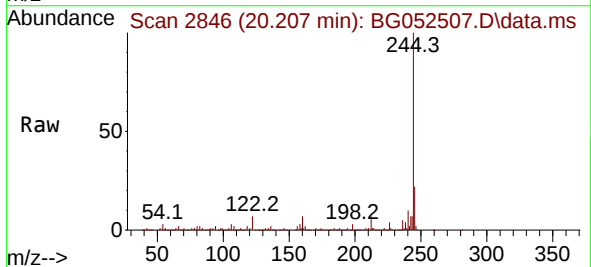
Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

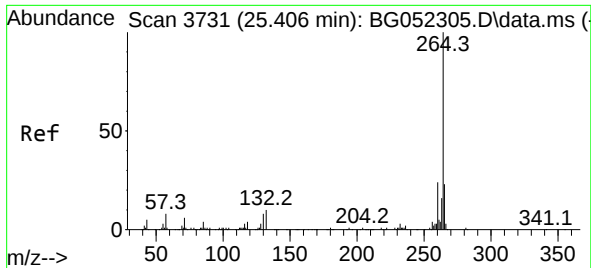
Tgt Ion:184 Resp: 14356
Ion Ratio Lower Upper
184 100
185 25.5 11.8 17.8#
183 6.5 9.8 14.6#



#79
Terphenyl-d14
Concen: 81.227 ng
RT: 20.207 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Tgt Ion:244 Resp: 1003922
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 7.5 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.394 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052507.D
Acq: 28 Feb 2022 18:44

Instrument :
BNA_G
ClientSampleId :
PURGED-WATER

Tgt Ion:264 Resp: 230591
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 19.9 17.8 26.6

