

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035839.D
 Acq On : 15 Jul 2022 20:39
 Operator : CG/JU
 Sample : N3726-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SEPTIC-12-12.5

Quant Time: Jul 15 23:48:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

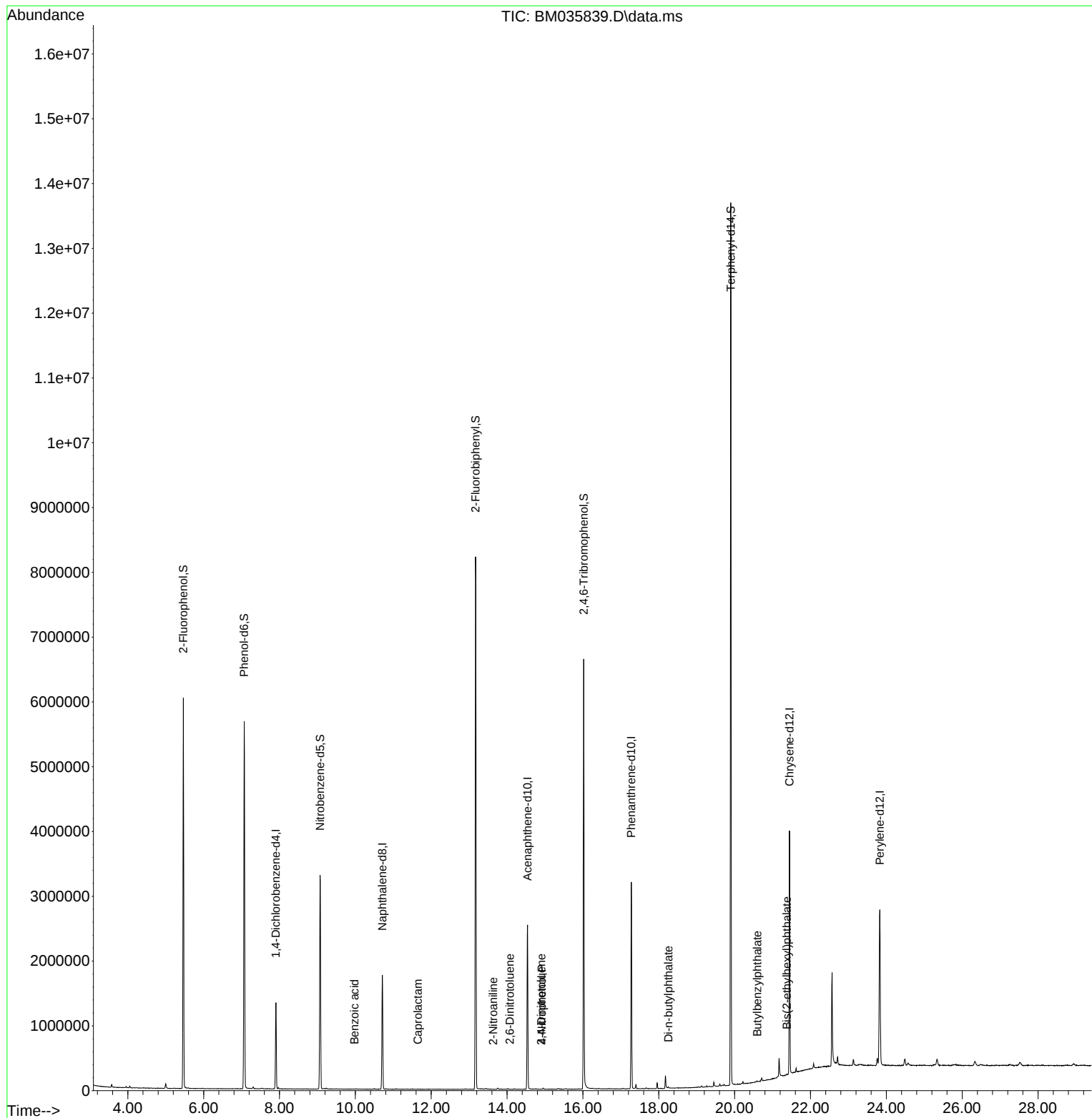
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	345229	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1452811	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	875126	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1837345	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1721683	20.000	ng	-0.01
86) Perylene-d12	23.827	264	1701635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2497172	117.490	ng	0.00
7) Phenol-d6	7.069	99	3134151	117.888	ng	0.00
23) Nitrobenzene-d5	9.069	82	1868999	73.544	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1183643	133.188	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4092811	65.224	ng	0.00
79) Terphenyl-d14	19.898	244	6293173	70.955	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.975	122	54	8.039	ng	# 13
35) Caprolactam	11.645	113	252	5.136	ng	# 43
48) 2-Nitroaniline	13.633	65	246	3.613	ng	# 5
51) 2,6-Dinitrotoluene	14.074	165	155	2.307	ng	# 20
56) 4-Nitrophenol	14.916	139	56	4.055	ng	# 3
57) 2,4-Dinitrotoluene	14.904	165	64	3.340	ng	# 12
74) Di-n-butylphthalate	18.251	149	11926	2.377	ng	99
80) Butylbenzylphthalate	20.598	149	1850	4.205	ng	# 65
84) Bis(2-ethylhexyl)phtha...	21.374	149	4141	3.301	ng	# 89

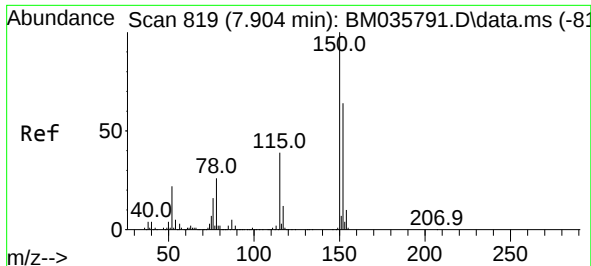
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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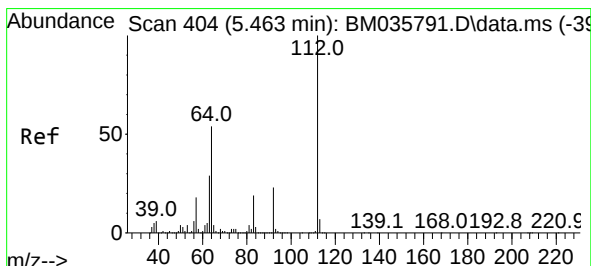
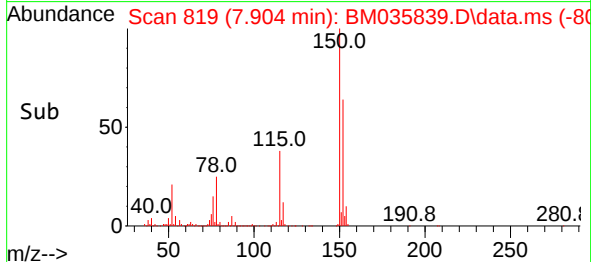
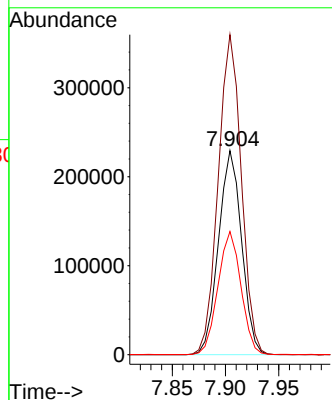
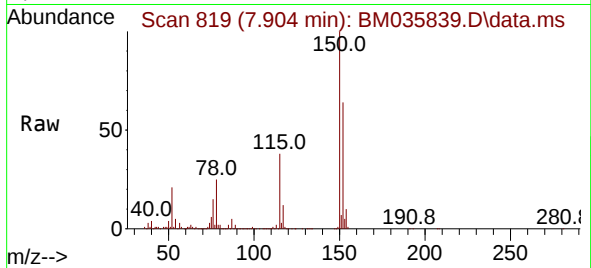




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

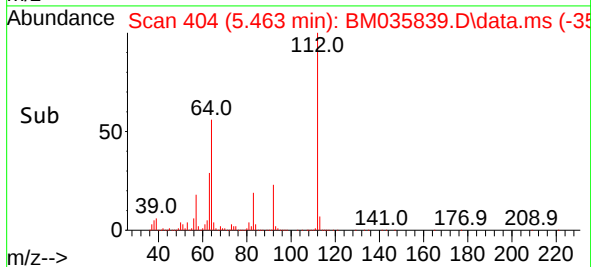
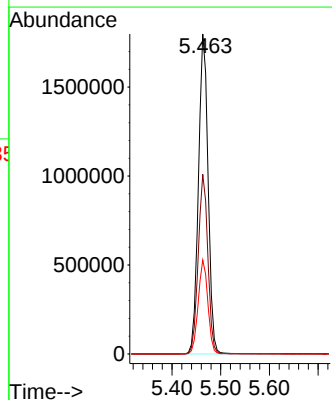
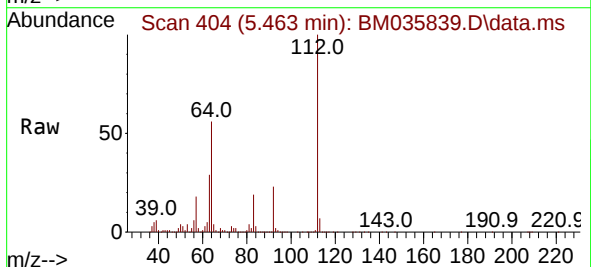
Instrument :
BNA_M
ClientSampleId :
SEPTIC-12-12.5

Tgt Ion:152 Resp: 345229
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 60.4 47.9 71.9



#5
2-Fluorophenol
Concen: 117.490 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:112 Resp: 2497172
Ion Ratio Lower Upper
112 100
64 56.2 47.8 71.6
63 29.4 26.6 40.0

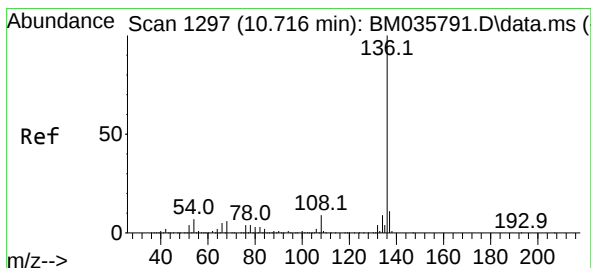
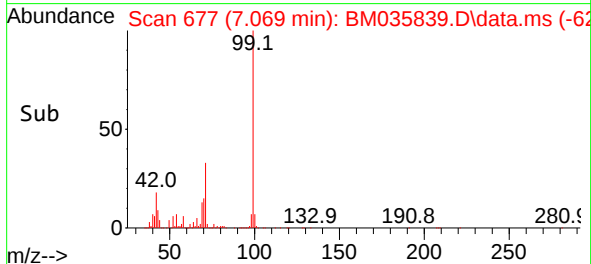
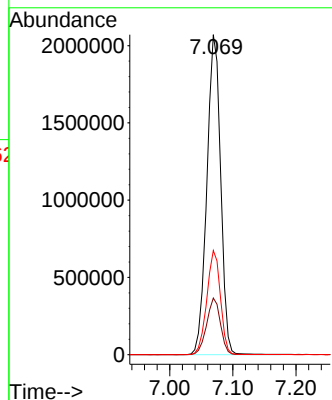
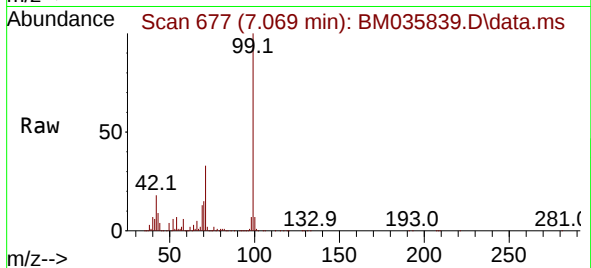




#7
Phenol-d6
Concen: 117.888 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

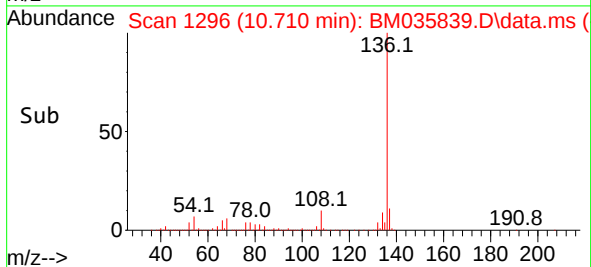
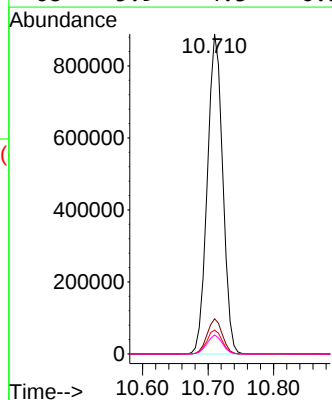
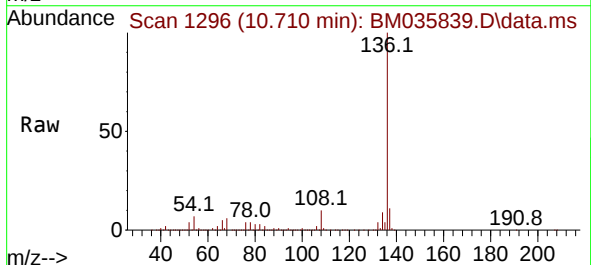
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ClientSampleId :
SEPTIC-12-12.5

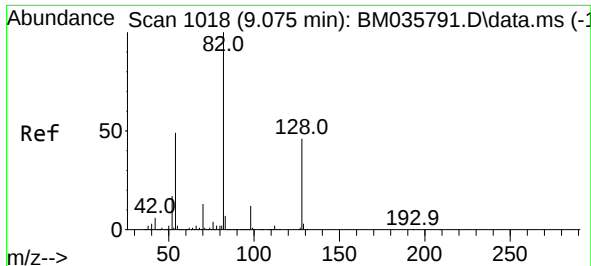
Tgt Ion: 99 Resp: 3134151
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:136 Resp: 1452811
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 7.0 10.4
68 5.9 4.3 6.5

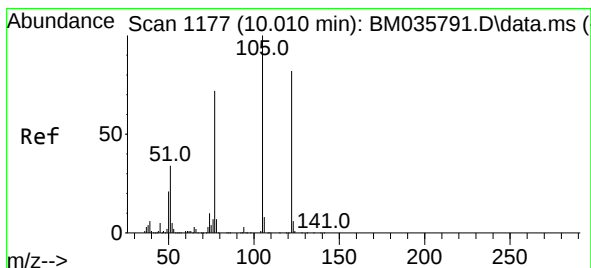
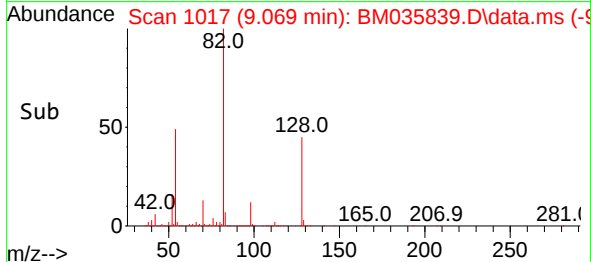
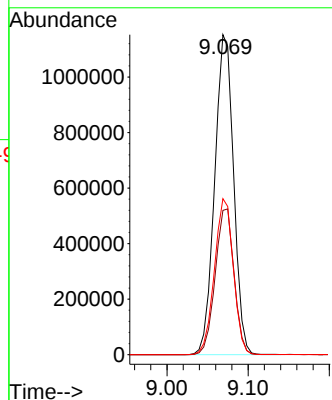
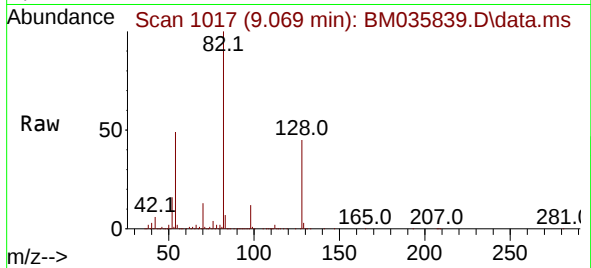




#23
Nitrobenzene-d5
Concen: 73.544 ng
RT: 9.069 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

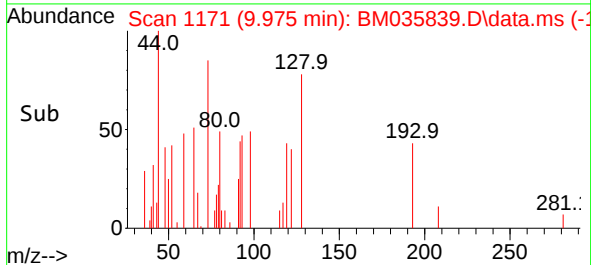
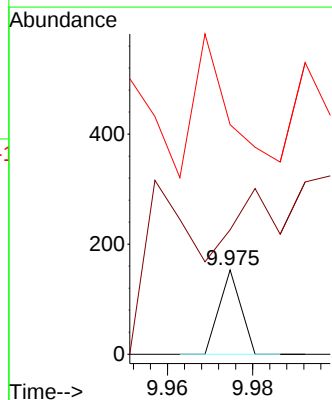
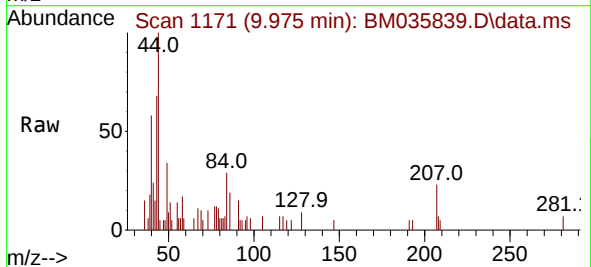
Instrument :
BNA_M
ClientSampleId :
SEPTIC-12-12.5

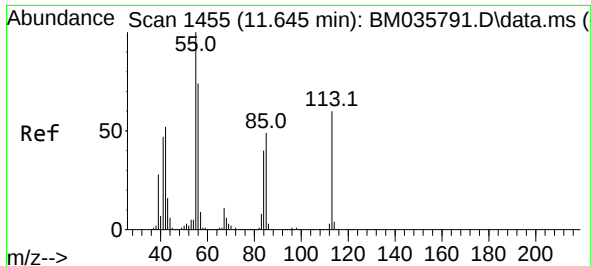
Tgt Ion: 82 Resp: 1868999
Ion Ratio Lower Upper
82 100
128 45.1 33.7 50.5
54 48.8 43.2 64.8



#32
Benzoic acid
Concen: 8.039 ng
RT: 9.975 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 147.7 105.7 145.7#
77 272.5 80.0 120.0#

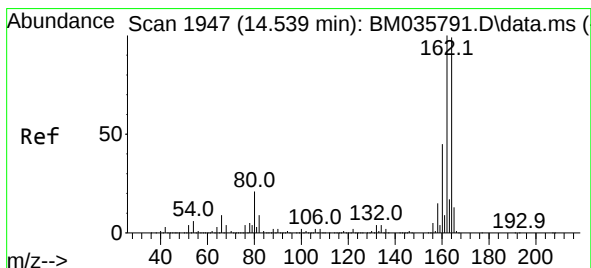
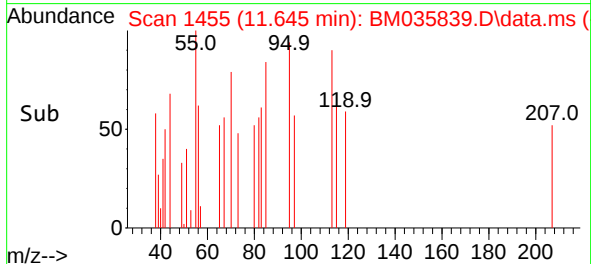
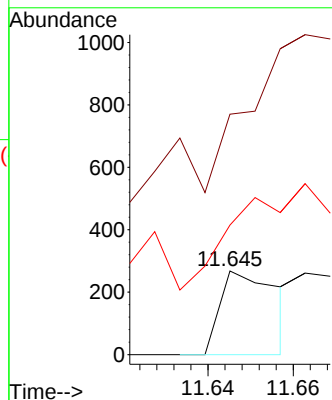
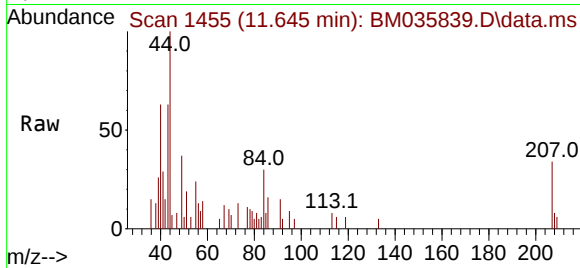




#35
Caprolactam
Concen: 5.136 ng
RT: 11.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

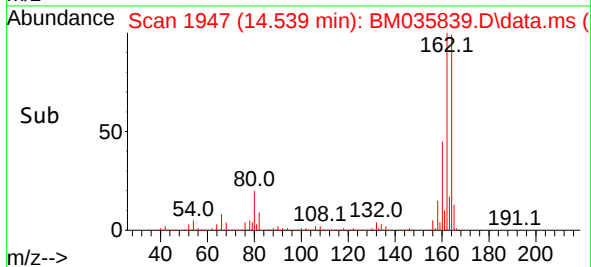
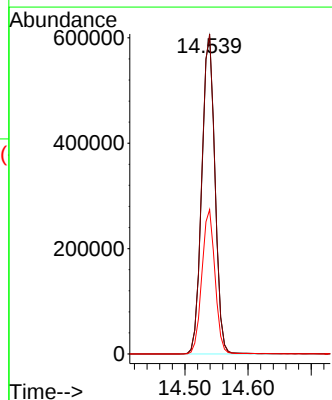
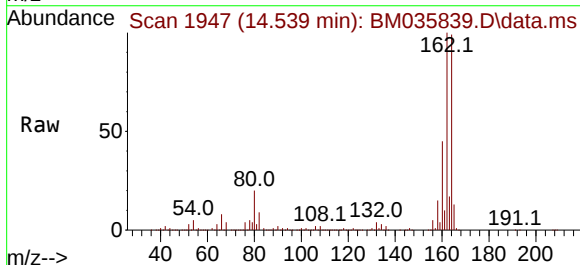
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ClientSampleId :
SEPTIC-12-12.5

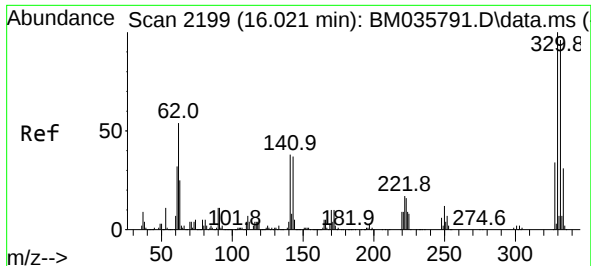
Tgt Ion:113 Resp: 252
Ion Ratio Lower Upper
113 100
55 287.3 150.1 190.1#
56 154.9 111.7 151.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:164 Resp: 875126
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.6
160 45.5 37.0 55.4

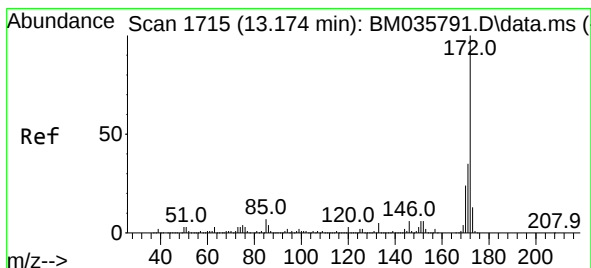
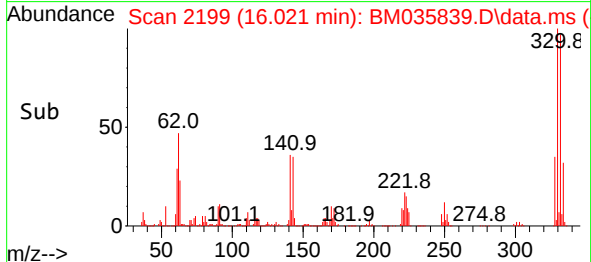
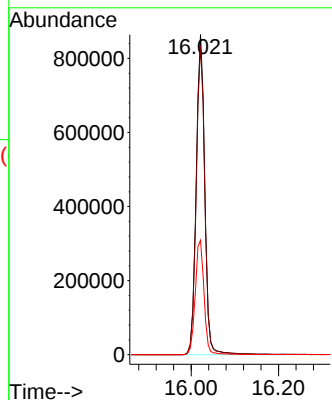
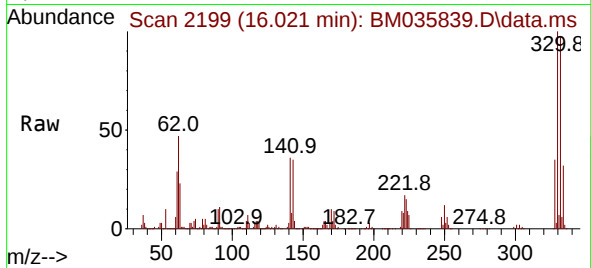




#42
2,4,6-Tribromophenol
Concen: 133.188 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

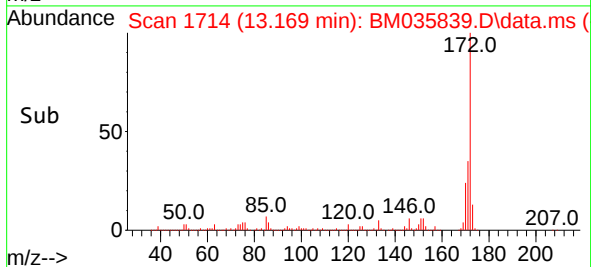
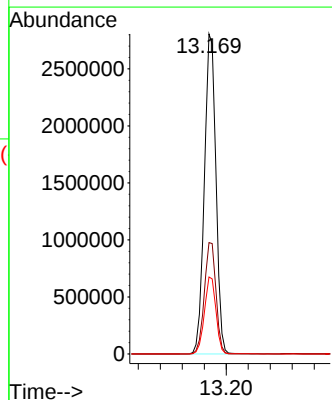
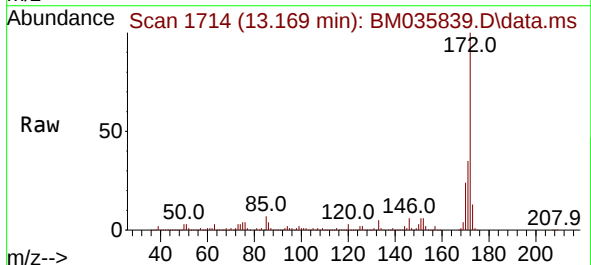
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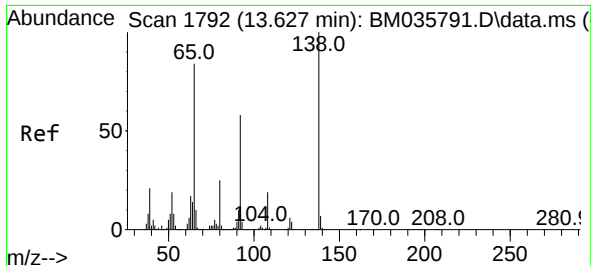
Tgt Ion:330 Resp: 1183643
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.8 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 65.224 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:172 Resp: 4092811
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 24.0 18.7 28.1

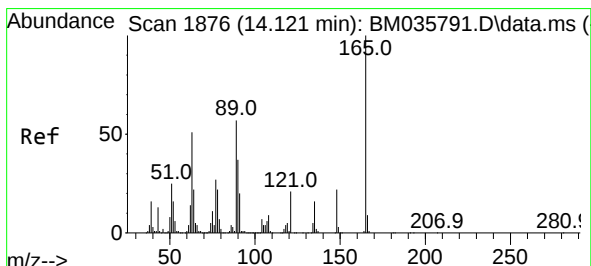
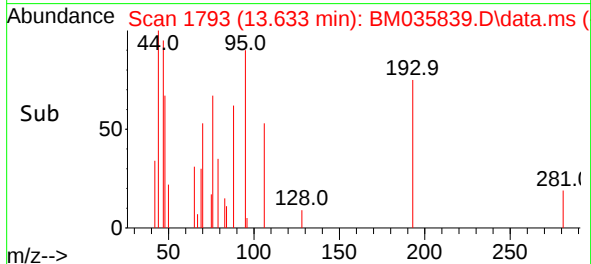
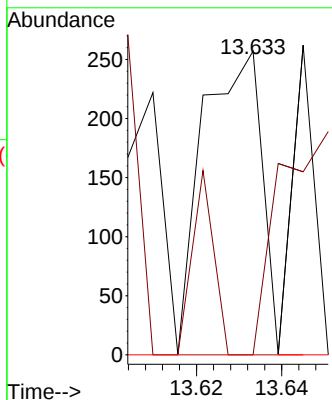
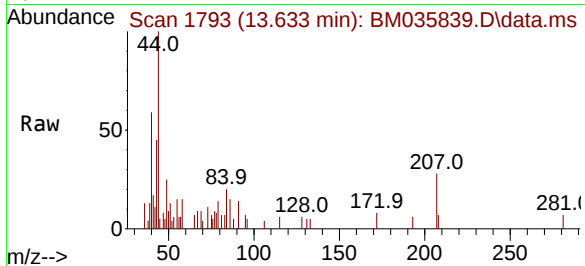




#48
2-Nitroaniline
Concen: 3.613 ng
RT: 13.633 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

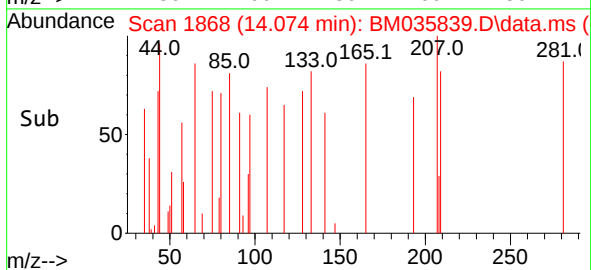
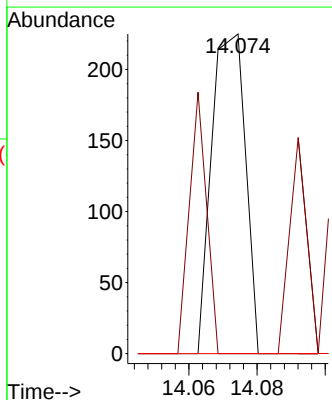
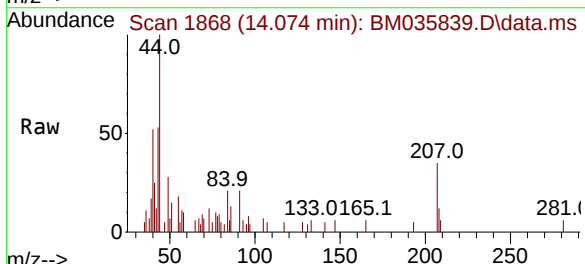
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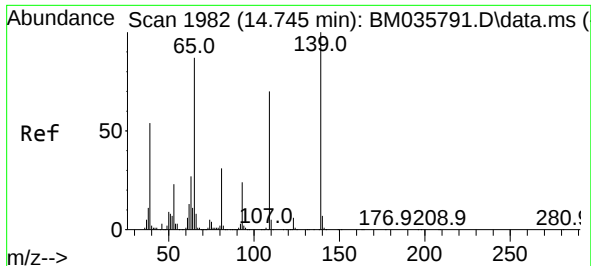
Tgt Ion: 65 Resp: 246
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.307 ng
RT: 14.074 min Scan# 1868
Delta R.T. -0.047 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion: 165 Resp: 155
Ion Ratio Lower Upper
165 100
63 0.0 50.2 75.2#
89 0.0 48.4 72.6#

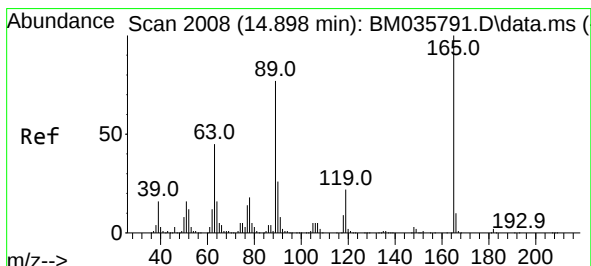
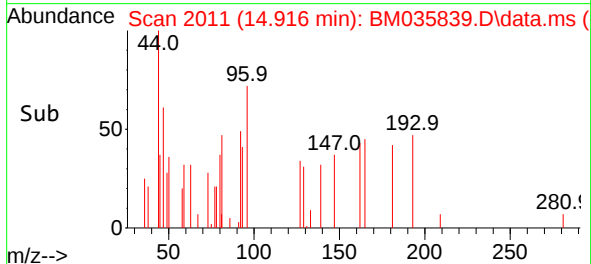
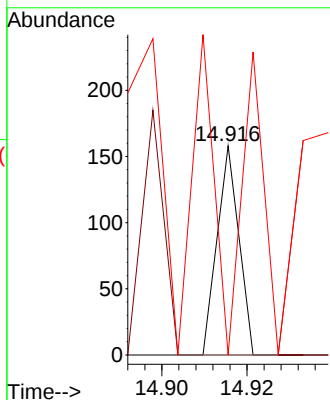
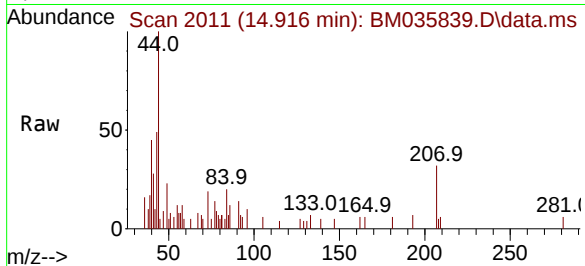




#56
4-Nitrophenol
Concen: 4.055 ng
RT: 14.916 min Scan# 20
Delta R.T. 0.171 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

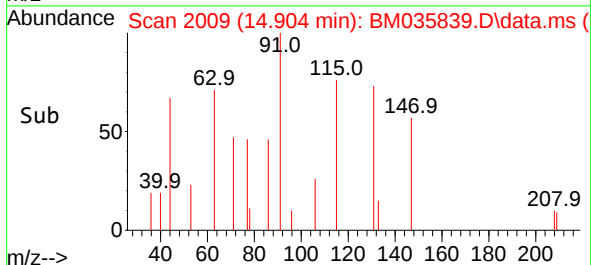
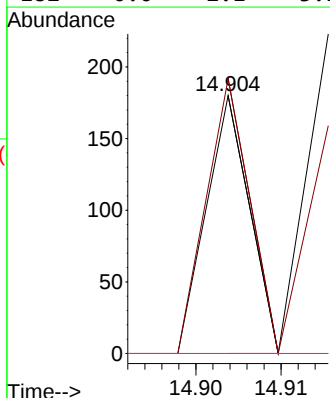
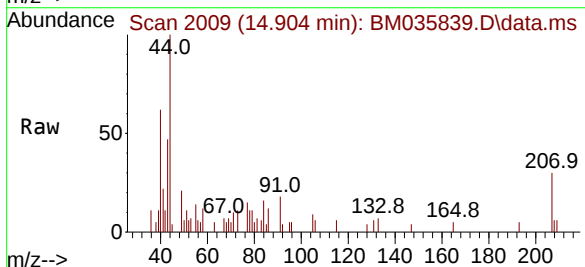
Instrument :
BNA_M
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SEPTIC-12-12.5

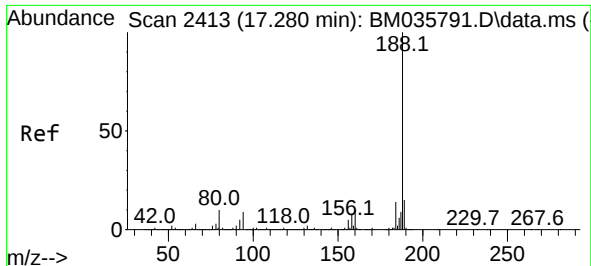
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 62.5 102.5#
65 0.0 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.340 ng
RT: 14.904 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:165 Resp: 64
Ion Ratio Lower Upper
165 100
63 106.7 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#

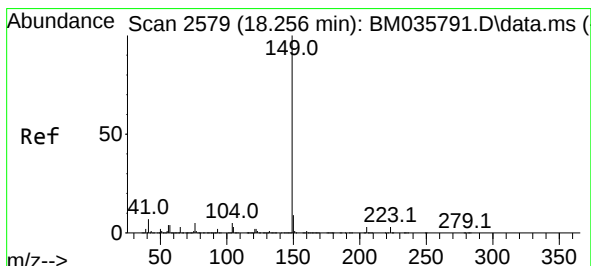
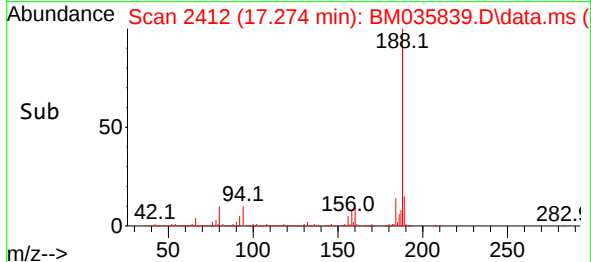
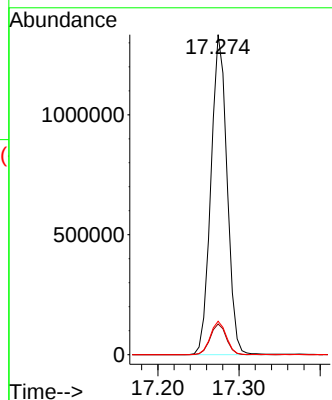
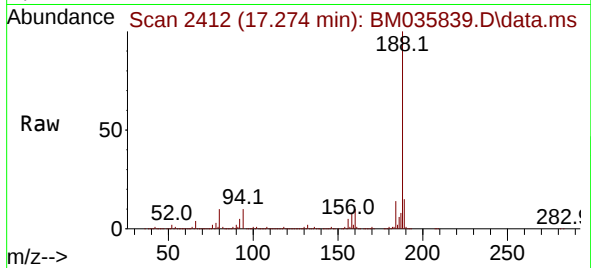




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

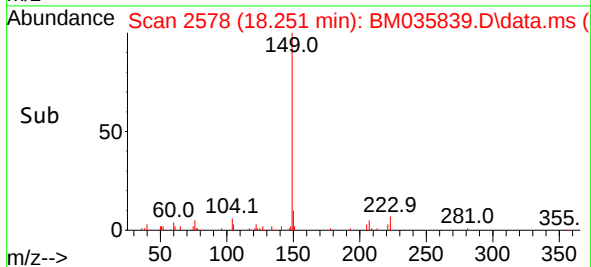
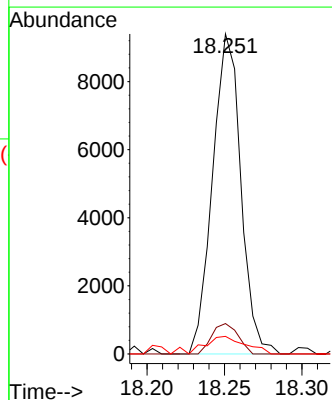
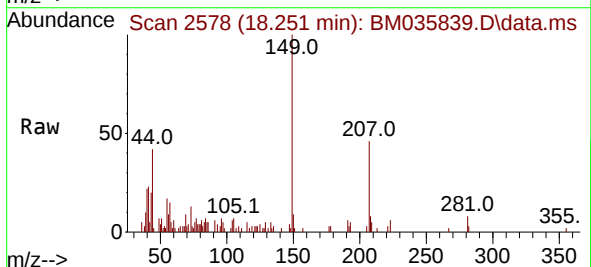
Instrument :
BNA_M
ClientSampleId :
SEPTIC-12-12.5

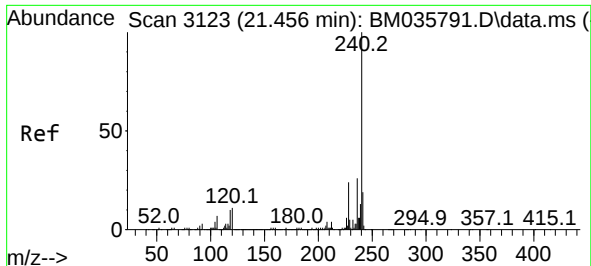
Tgt Ion:188 Resp: 1837345
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.5 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.377 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:149 Resp: 11926
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.5 4.3 6.5

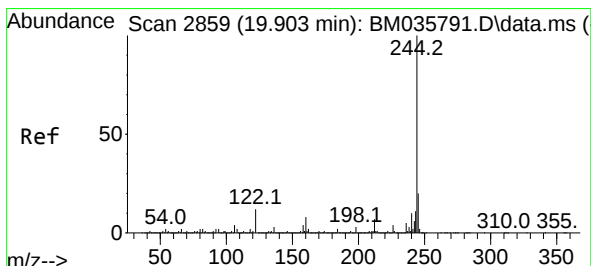
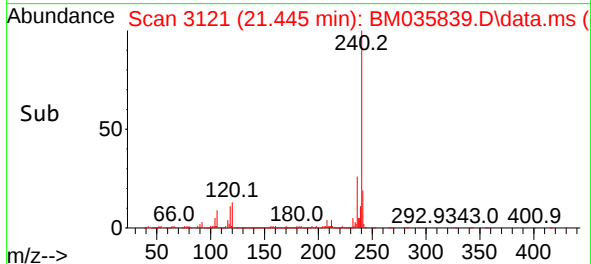
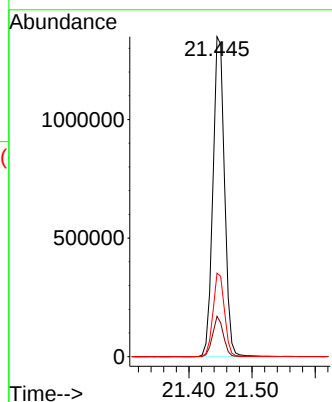
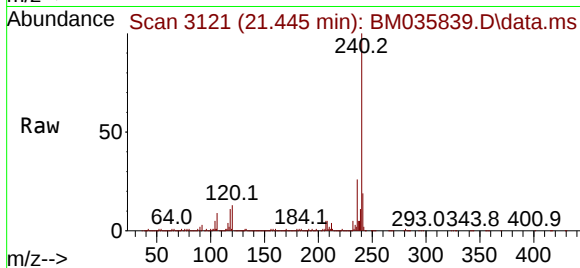




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

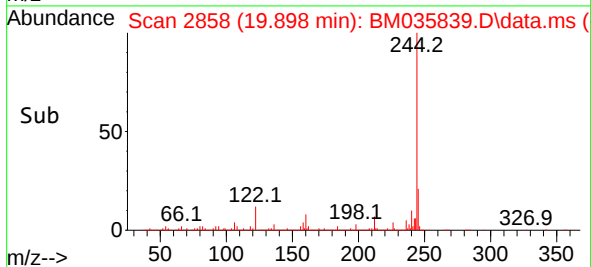
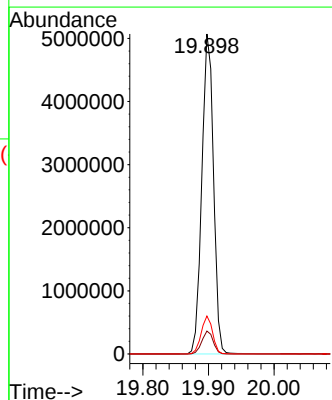
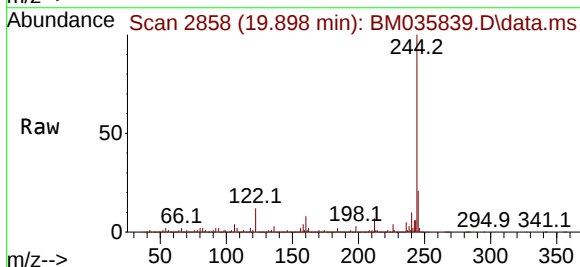
Instrument :
BNA_M
ClientSampleId :
SEPTIC-12-12.5

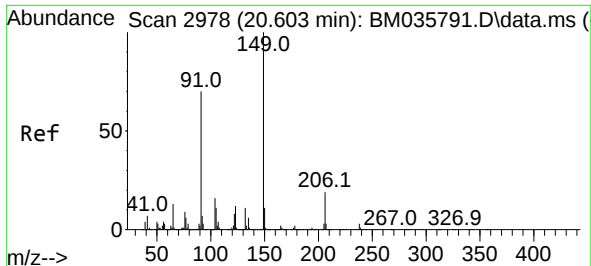
Tgt Ion:240 Resp: 1721683
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.0
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 70.955 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:244 Resp: 6293173
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 11.8 8.3 12.5

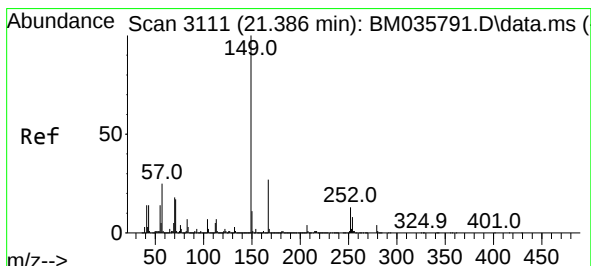
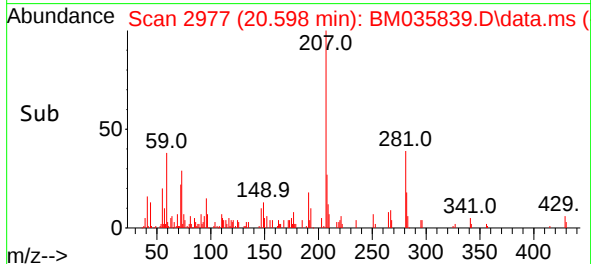
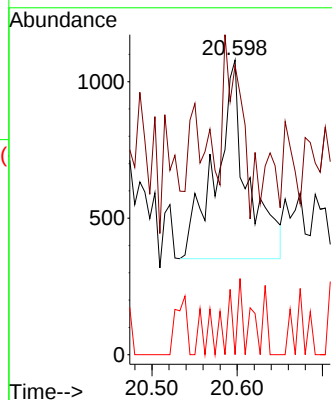
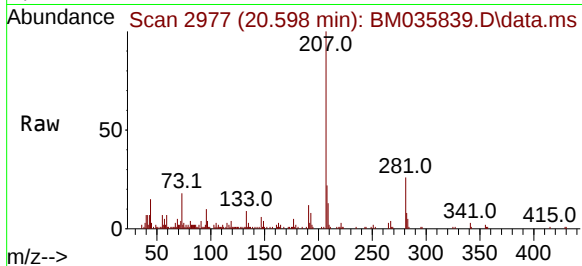




#80
Butylbenzylphthalate
Concen: 4.205 ng
RT: 20.598 min Scan# 2978
Delta R.T. -0.005 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

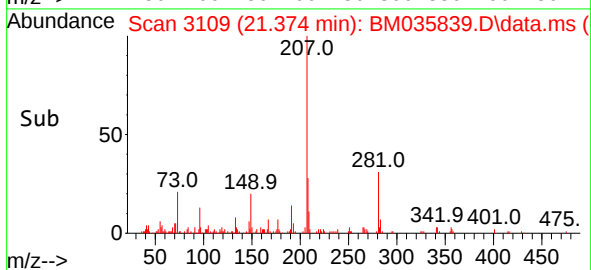
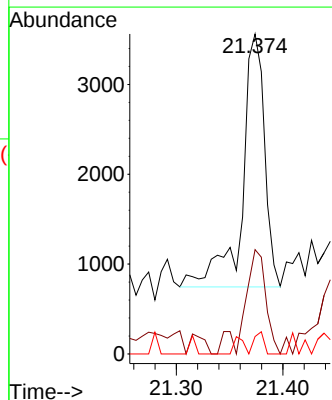
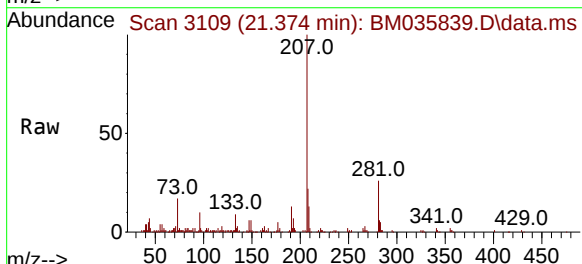
Instrument :
BNA_M
ClientSampleId :
SEPTIC-12-12.5

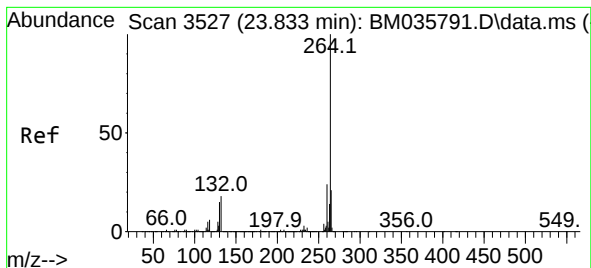
Tgt Ion:149 Resp: 1850
Ion Ratio Lower Upper
149 100
91 98.1 56.6 85.0#
206 0.0 15.4 23.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.301 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

Tgt Ion:149 Resp: 4141
Ion Ratio Lower Upper
149 100
167 32.6 21.1 31.7#
279 5.4 2.8 4.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM035839.D

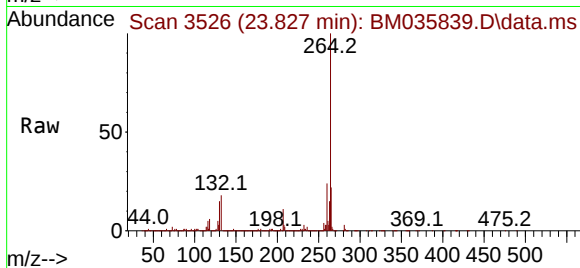
Acq: 15 Jul 2022 20:39

Instrument :

BNA_M

ClientSampleId :

SEPTIC-12-12.5



Tgt Ion:264 Resp: 1701635

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.9 17.5 26.3

