

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

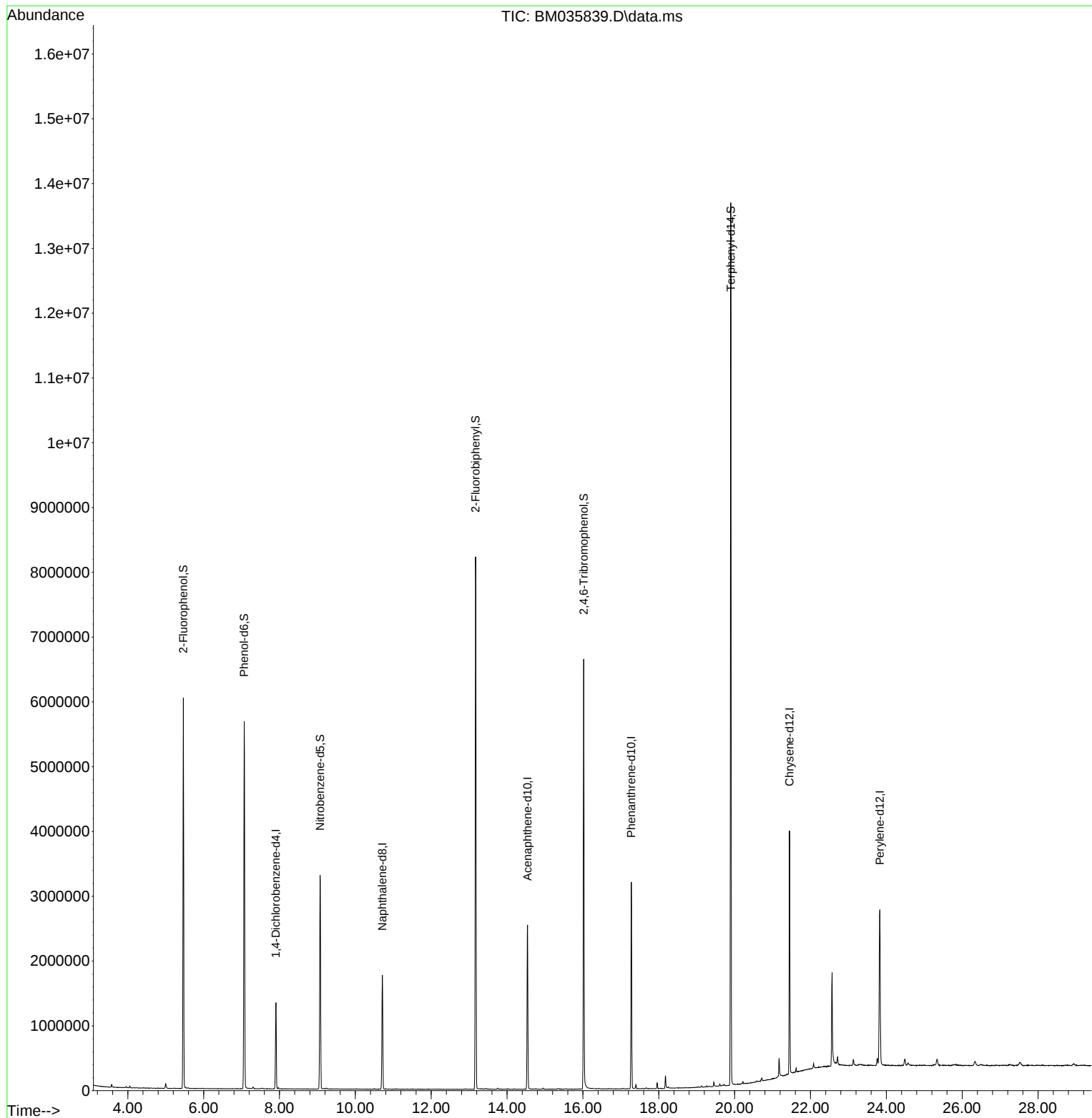
Target Compounds	Qvalue

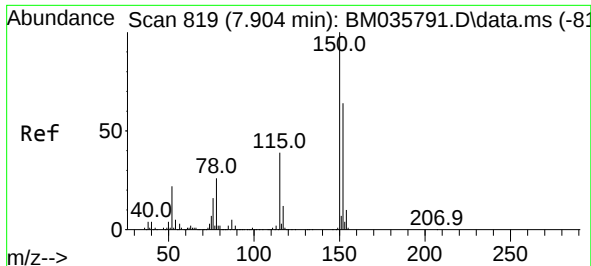
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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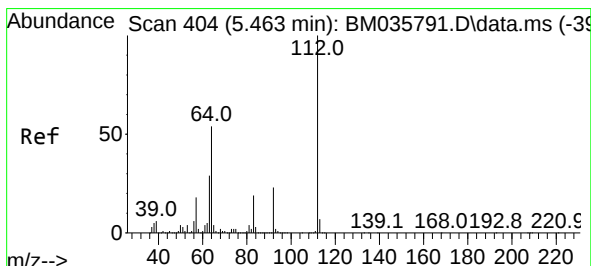
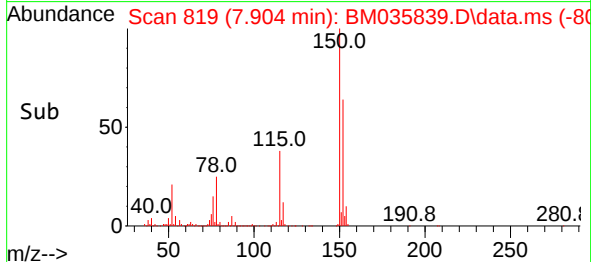
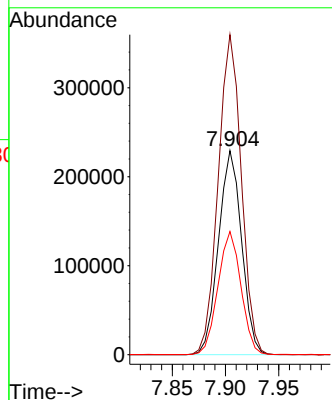
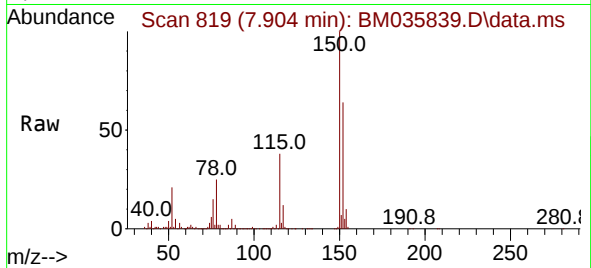




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035839.D
 Acq: 15 Jul 2022 20:39

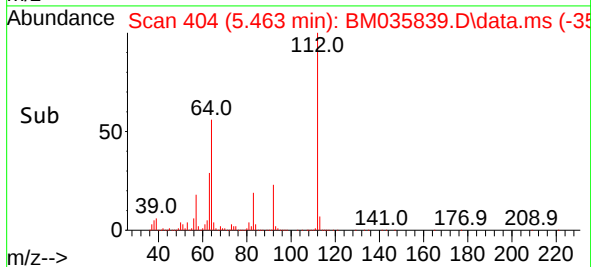
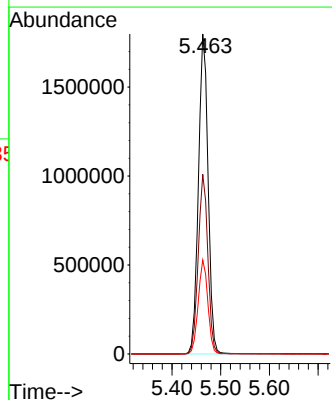
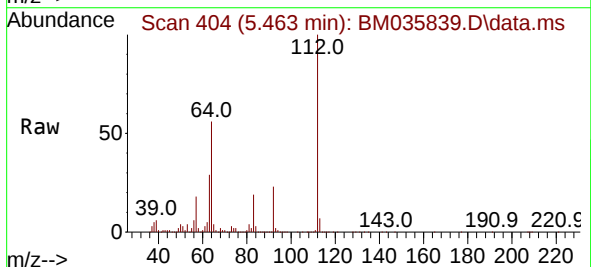
Instrument :
 BNA_M
 ClientSampleId :
 SEPTIC-12-12.5

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

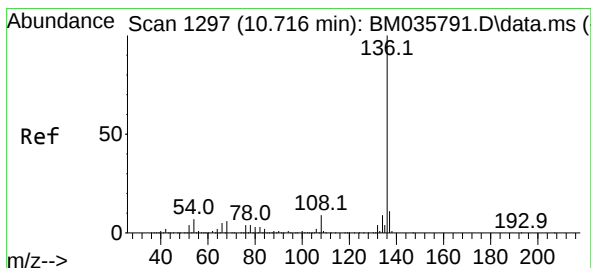
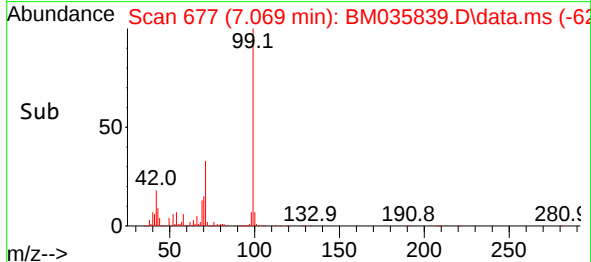
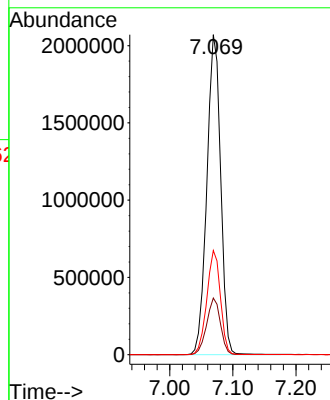
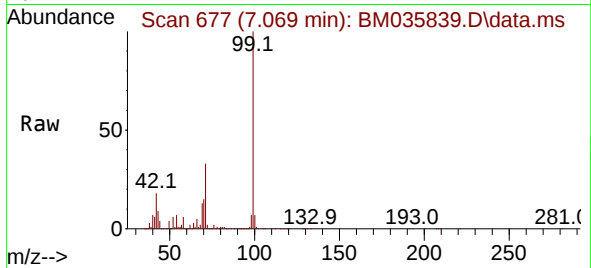




#7
Phenol-d6
Concen: 117.888 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

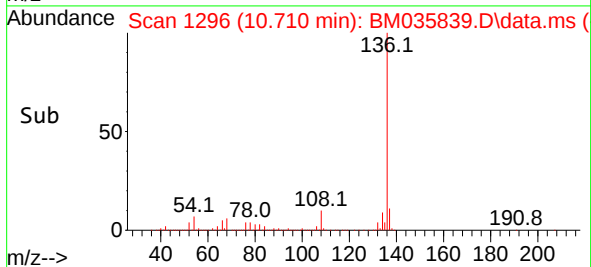
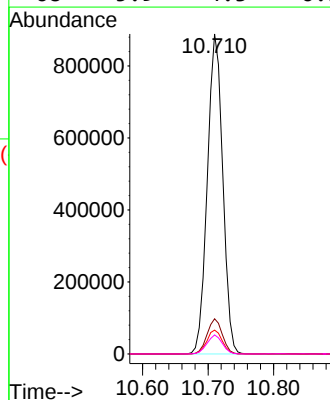
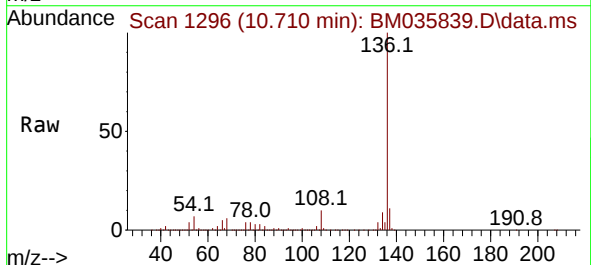
Instrument :
BNA_M
ClientSampleId :
SEPTIC-12-12.5

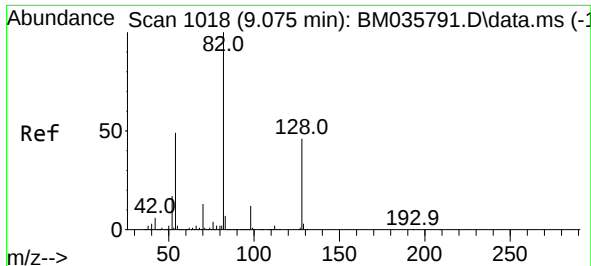
Tgt Ion: 99 Resp: 3134151
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 32.5 30.2 45.2



#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# 1017

Delta R.T. -0.006 min

Lab File: BM035839.D

Acq: 15 Jul 2022 20:39

Instrument :

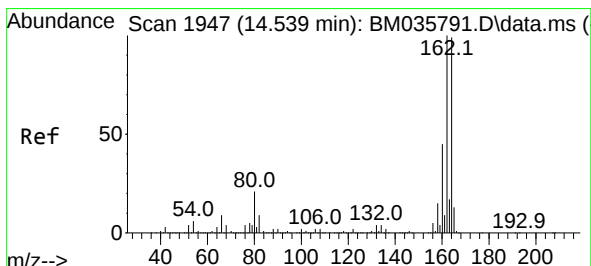
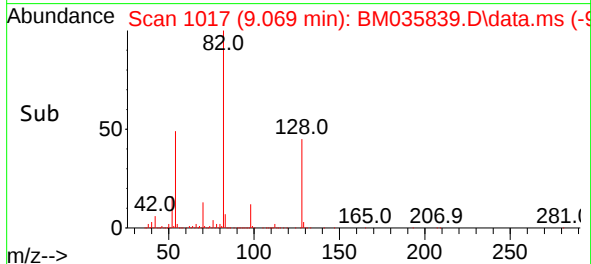
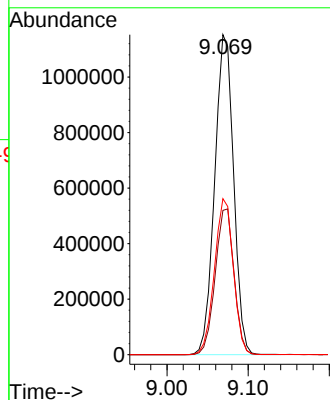
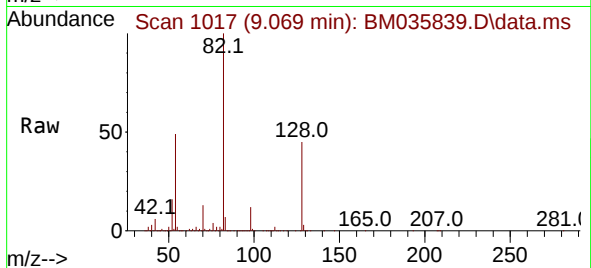
BNA_M

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

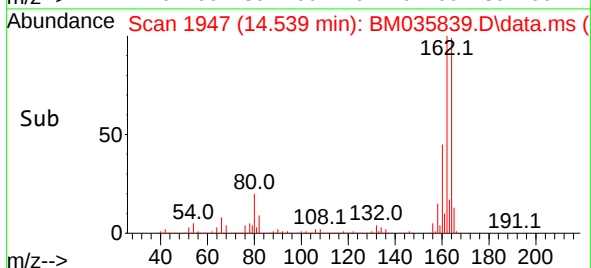
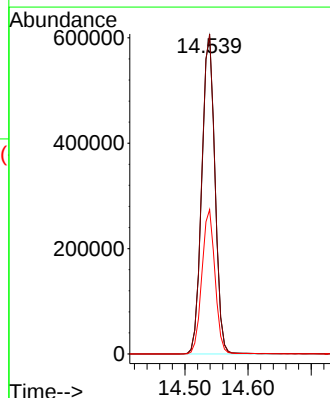
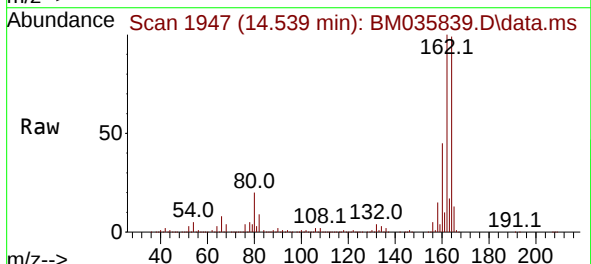
Delta R.T. 0.000 min

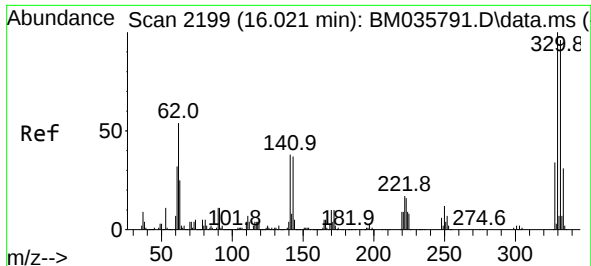
Lab File: BM035839.D

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# 21

Delta R.T. 0.000 min

Lab File: BM035839.D

Acq: 15 Jul 2022 20:39

Instrument :

BNA_M

ClientSampleId :

SEPTIC-12-12.5

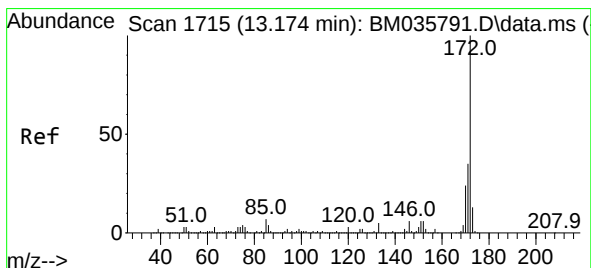
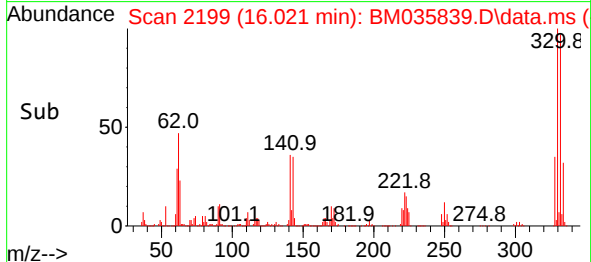
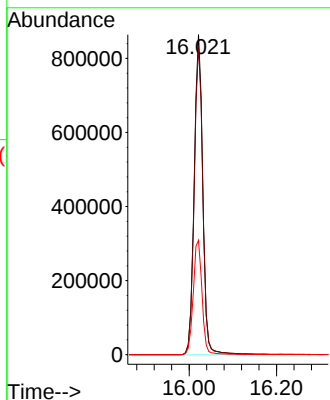
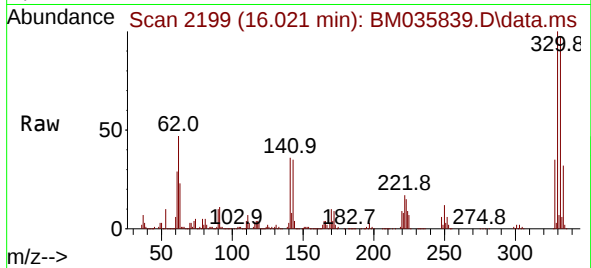
Tgt Ion:330 Resp: 1183643

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

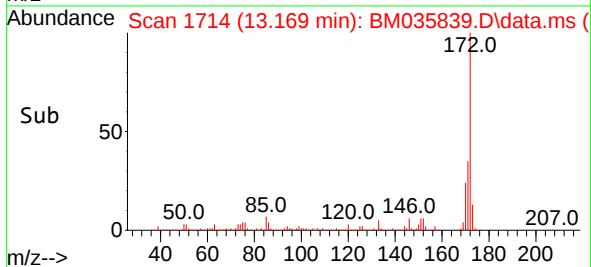
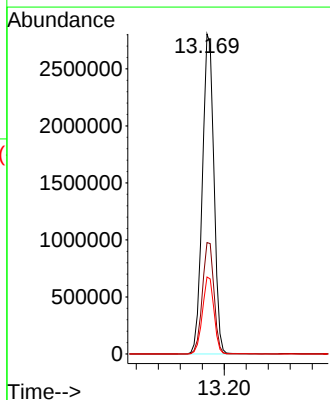
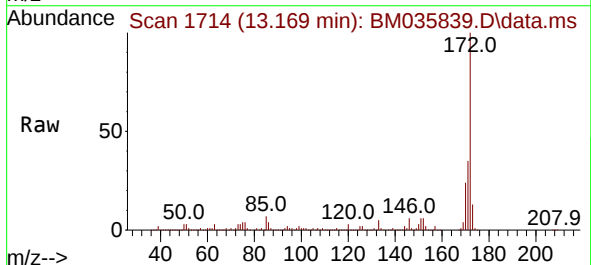
Tgt Ion:172 Resp: 4092811

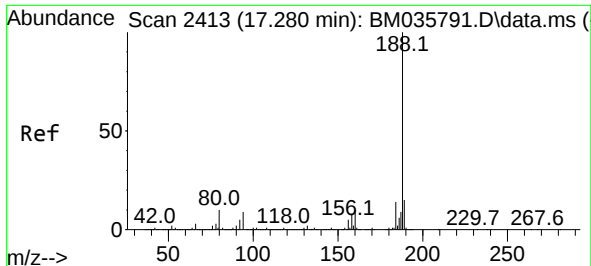
Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 24.0 18.7 28.1

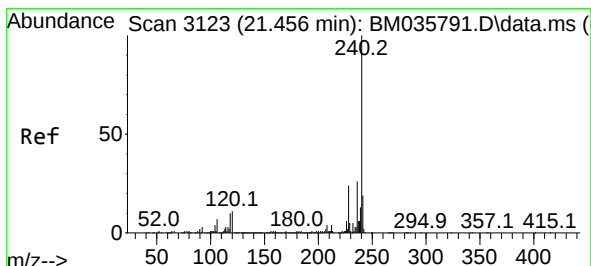
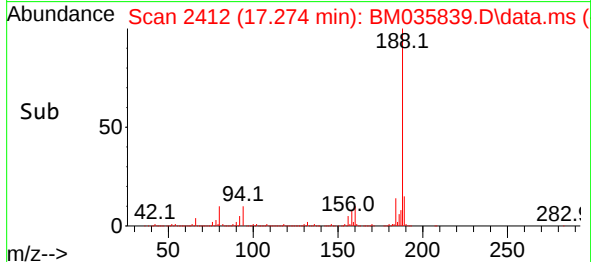
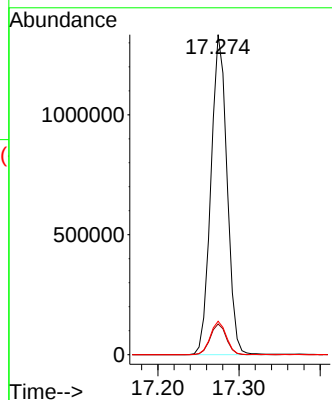
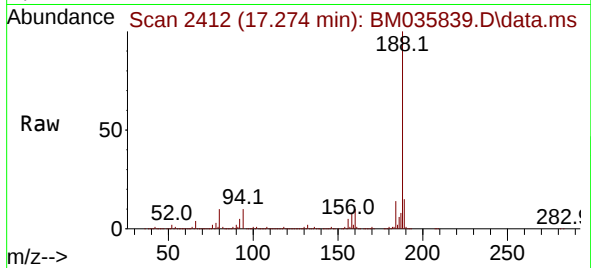




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

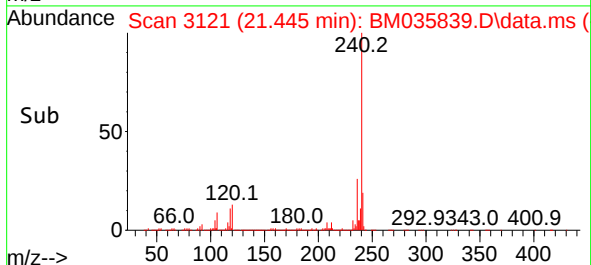
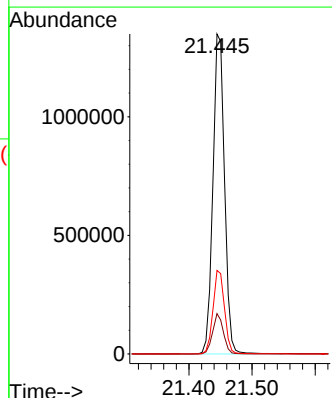
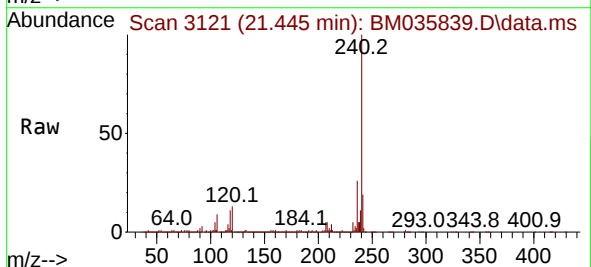
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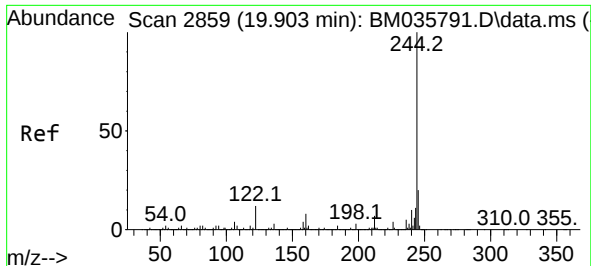
Tgt Ion:188 Resp: 1837345
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BM035839.D
Acq: 15 Jul 2022 20:39

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

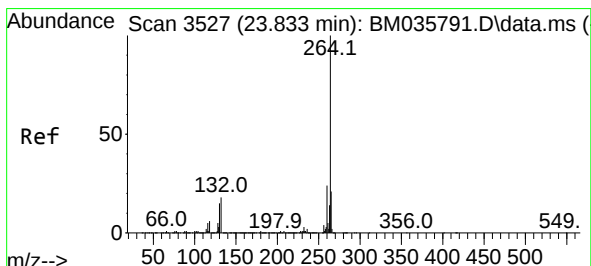
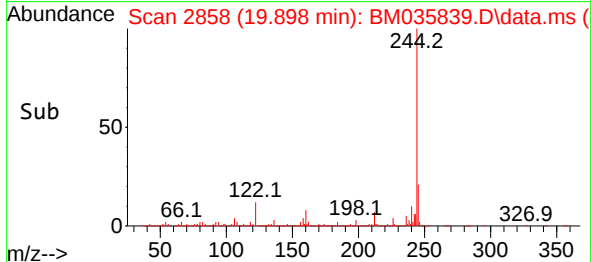
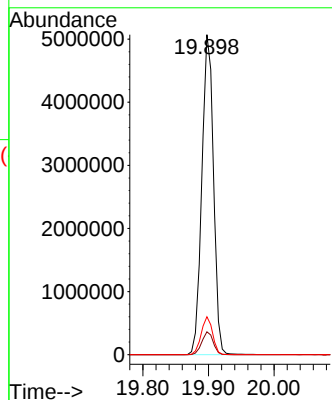
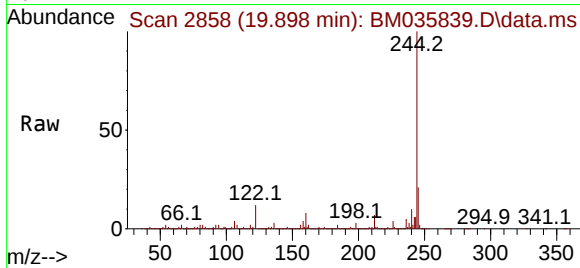




#79
 Terphenyl-d14
 Concen: 70.955 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM035839.D
 Acq: 15 Jul 2022 20:39

Instrument :
 BNA_M
 ClientSampleId :
 SEPTIC-12-12.5

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.827 min Scan# 3526
 Delta R.T. -0.006 min
 Lab File: BM035839.D
 Acq: 15 Jul 2022 20:39

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

