

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025568.D
 Acq On : 25 Aug 2025 17:06
 Operator : CG/JU
 Sample : Q2933-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 25-SEPTIC

Quant Time: Aug 25 17:29:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

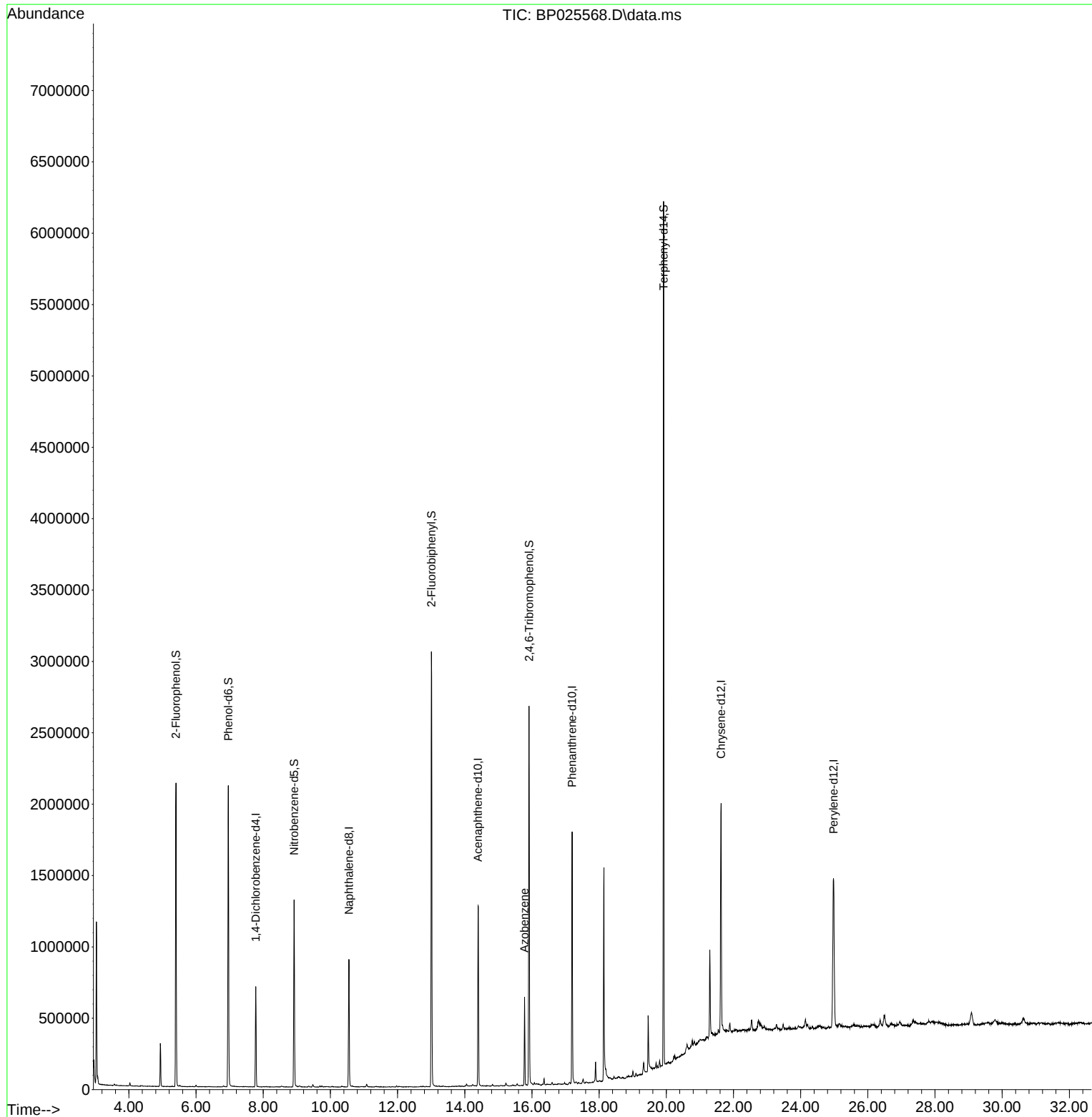
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	189875	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	743269	20.000	ng	-0.01
39) Acenaphthene-d10	14.396	164	469500	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	947315	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1028608	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1157129	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	929036	81.256	ng	0.00
7) Phenol-d6	6.961	99	1213408	82.778	ng	0.00
23) Nitrobenzene-d5	8.919	82	729740	49.665	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	536653	84.920	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1665016	48.468	ng	-0.01
79) Terphenyl-d14	19.919	244	2718666	48.357	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	153865	5.144	ng	Qvalue # 1

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

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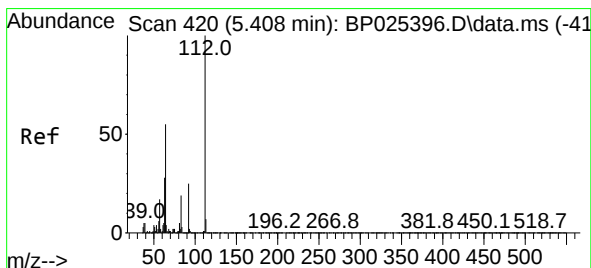
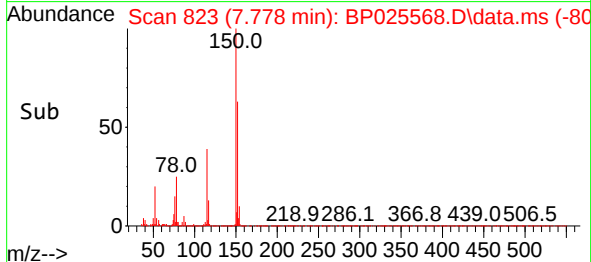
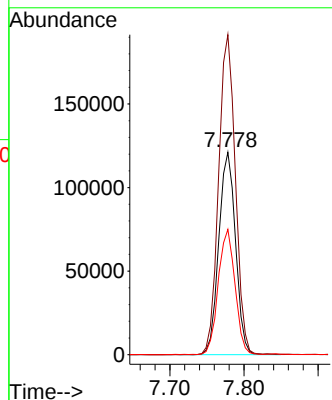
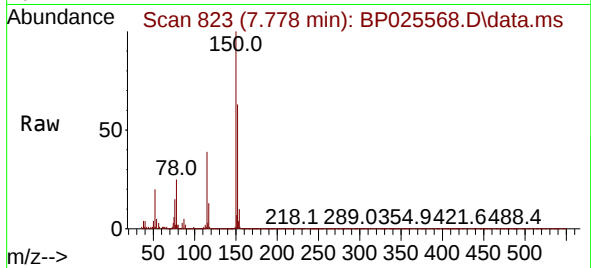




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025568.D
 Acq: 25 Aug 2025 17:06

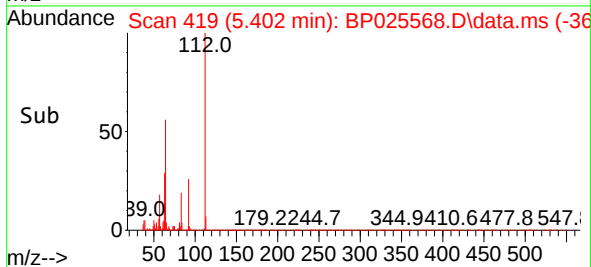
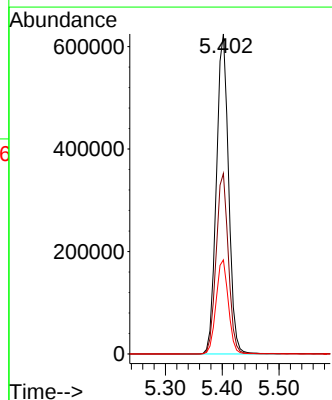
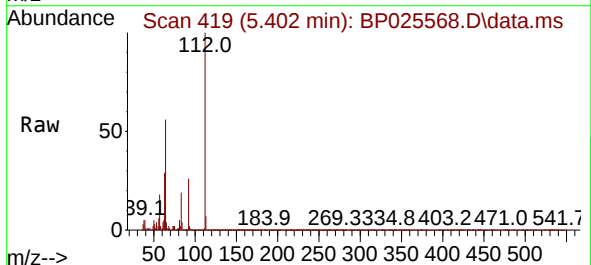
Instrument :
 BNA_P
 ClientSampleId :
 25-SEPTIC

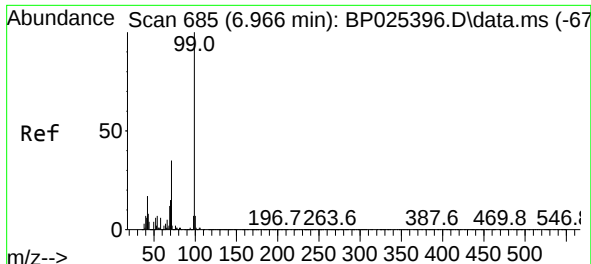
Tgt Ion:152 Resp: 189875
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.9 188.9
 115 61.9 48.5 72.7



#5
 2-Fluorophenol
 Concen: 81.256 ng
 RT: 5.402 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025568.D
 Acq: 25 Aug 2025 17:06

Tgt Ion:112 Resp: 929036
 Ion Ratio Lower Upper
 112 100
 64 56.4 43.8 65.8
 63 29.4 22.7 34.1

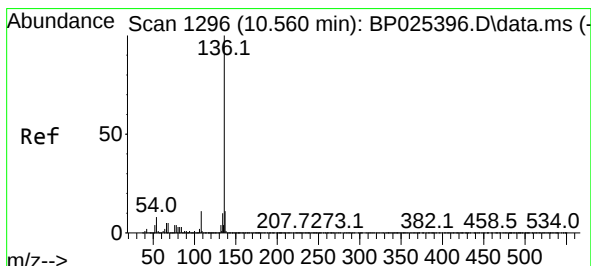
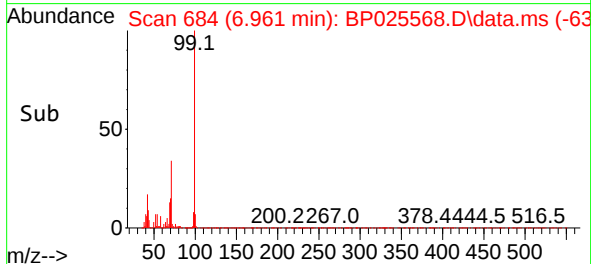
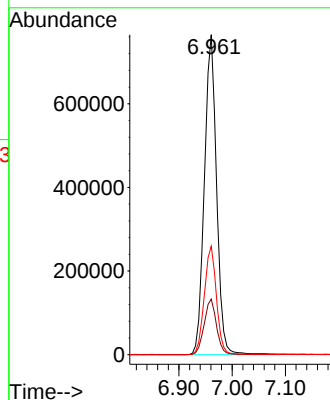
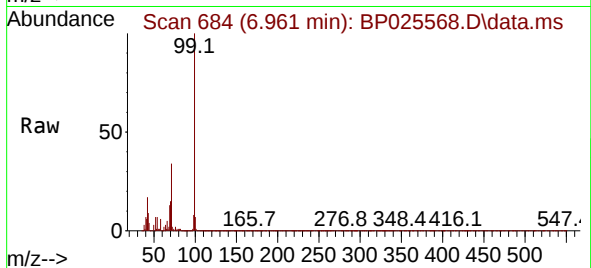




#7
Phenol-d6
Concen: 82.778 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

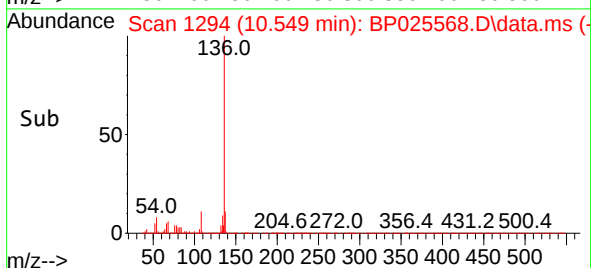
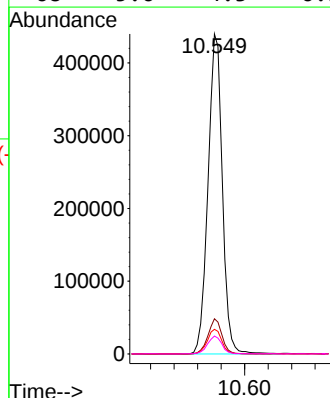
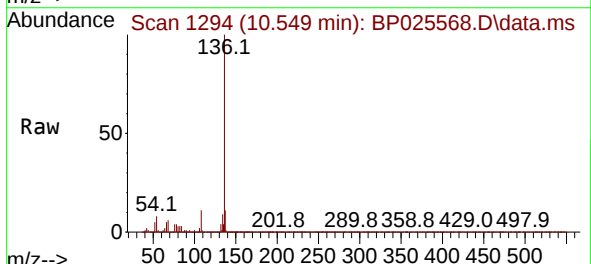
Instrument :
BNA_P
ClientSampleId :
25-SEPTIC

Tgt Ion: 99 Resp: 1213408
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 33.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

Tgt Ion: 136 Resp: 743269
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.7 6.0 9.0
68 5.6 4.3 6.5

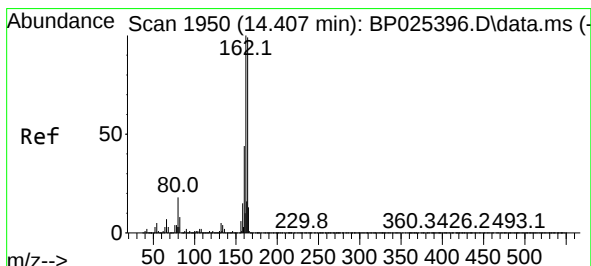
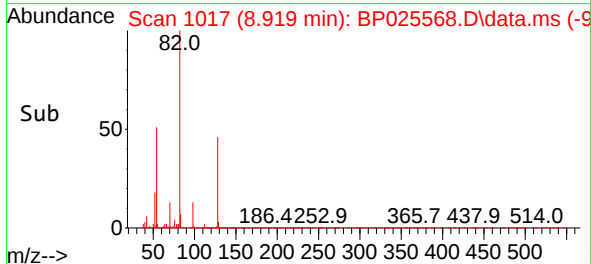
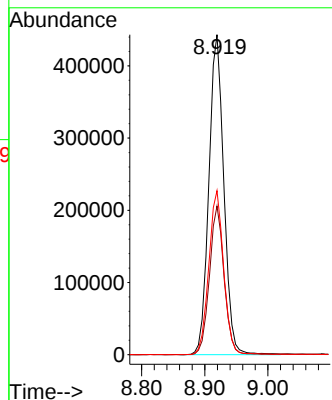
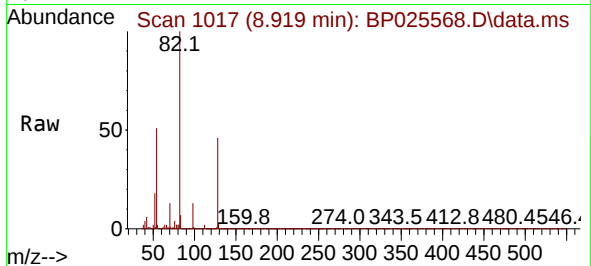




#23
Nitrobenzene-d5
Concen: 49.665 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

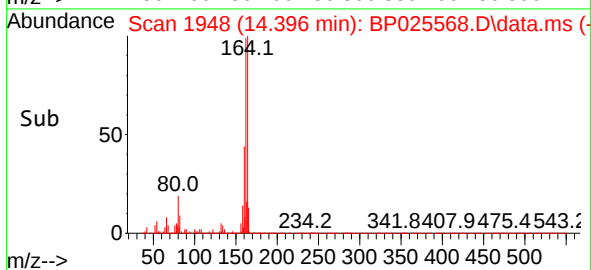
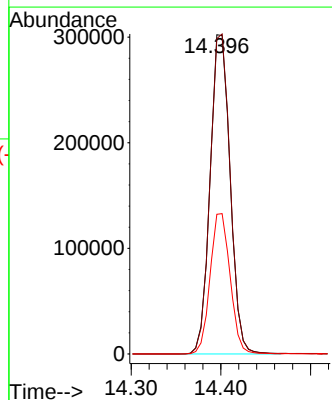
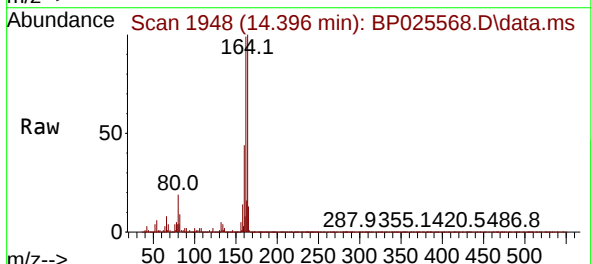
Instrument :
BNA_P
ClientSampleId :
25-SEPTIC

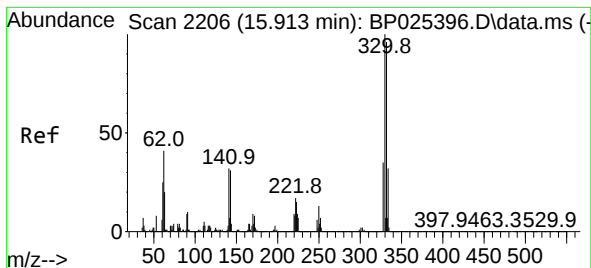
Tgt Ion: 82 Resp: 729740
Ion Ratio Lower Upper
82 100
128 46.4 37.7 56.5
54 51.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

Tgt Ion:164 Resp: 469500
Ion Ratio Lower Upper
164 100
162 98.8 81.0 121.6
160 43.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 84.920 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025568.D

Acq: 25 Aug 2025 17:06

Instrument :

BNA_P

ClientSampleId :

25-SEPTIC

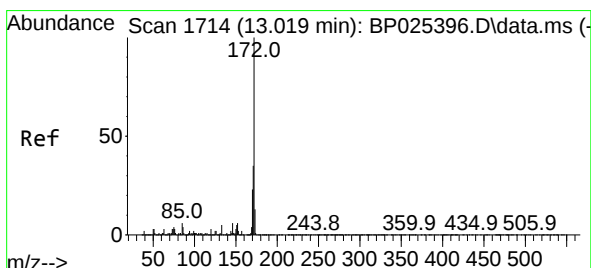
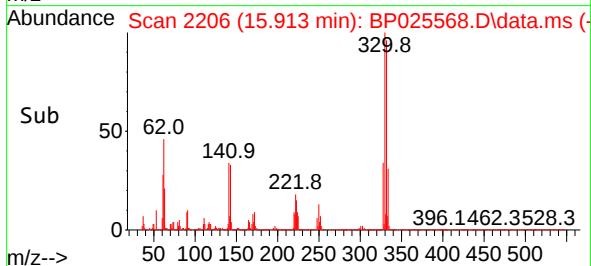
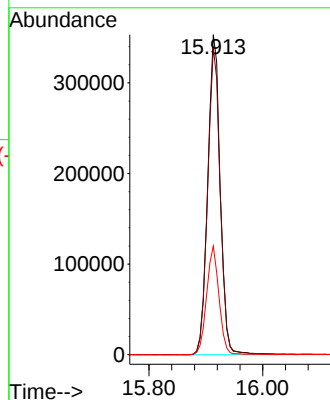
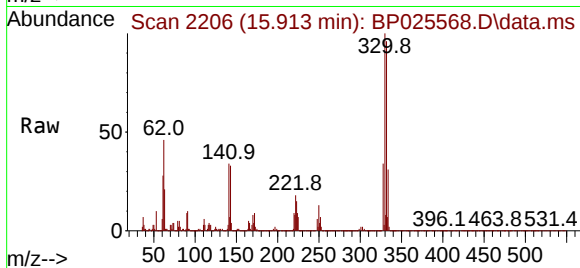
Tgt Ion:330 Resp: 536653

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 33.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 48.468 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025568.D

Acq: 25 Aug 2025 17:06

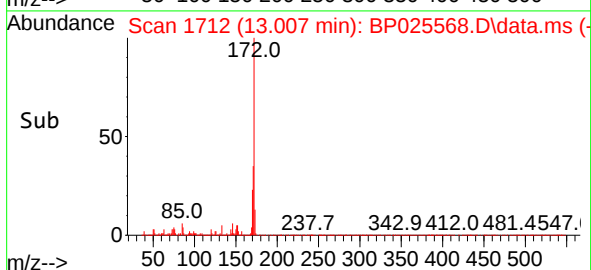
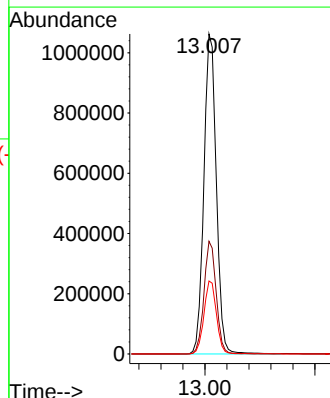
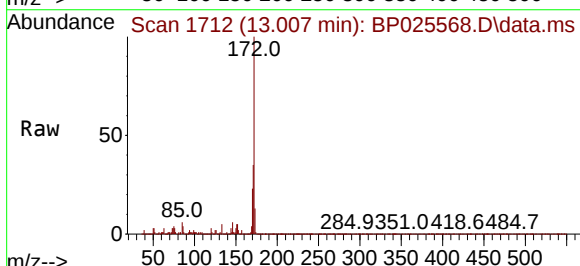
Tgt Ion:172 Resp: 1665016

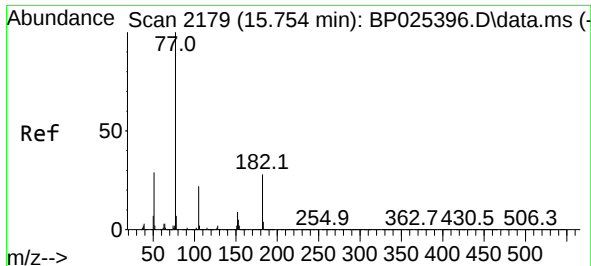
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 22.8 18.6 28.0

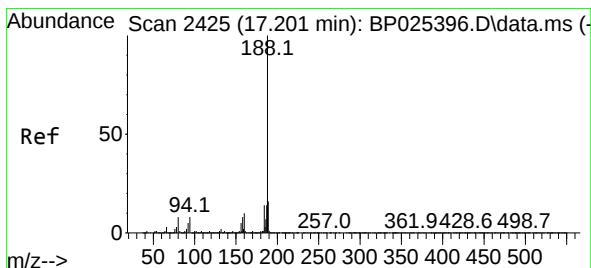
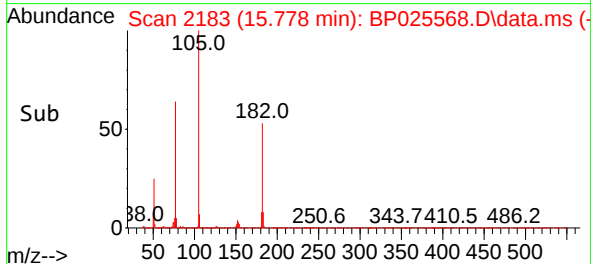
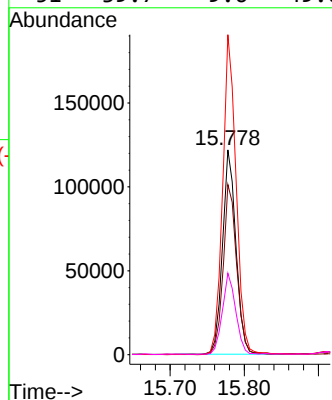
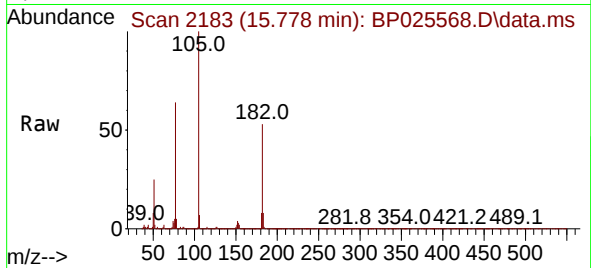




#63
Azobenzene
Concen: 5.144 ng
RT: 15.778 min Scan# 2179
Delta R.T. 0.024 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

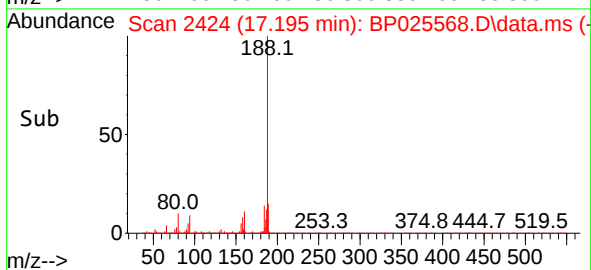
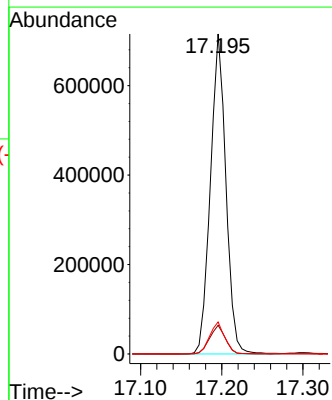
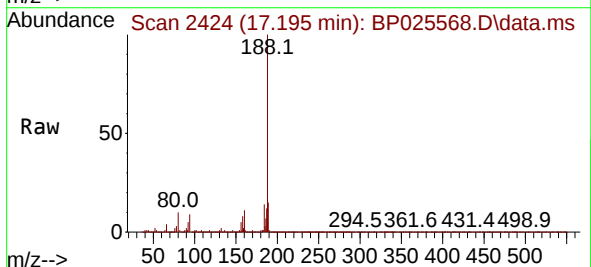
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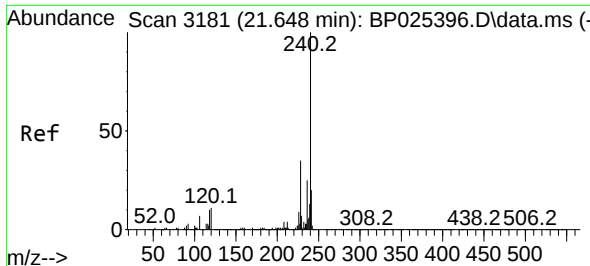
Tgt Ion: 77 Resp: 153865
Ion Ratio Lower Upper
77 100
182 83.1 7.5 47.5#
105 156.2 2.1 42.1#
51 39.7 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

Tgt Ion:188 Resp: 947315
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 10.0 6.7 10.1

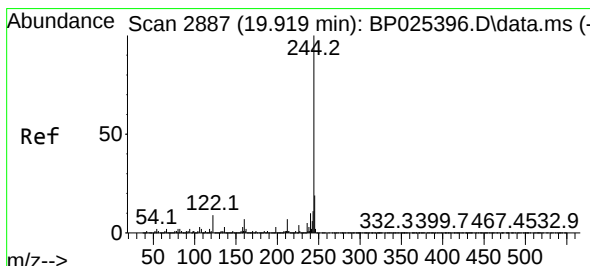
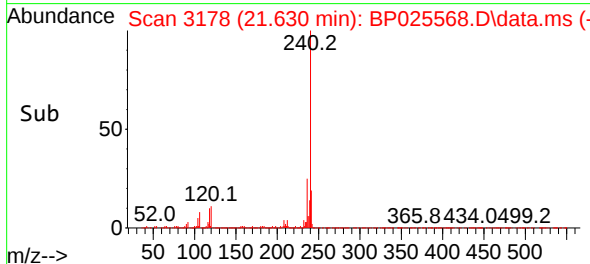
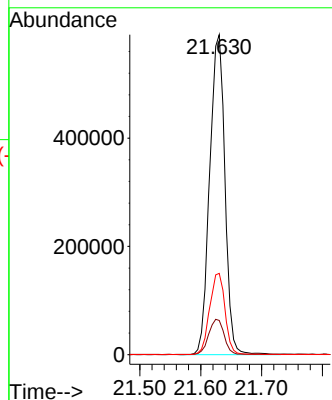
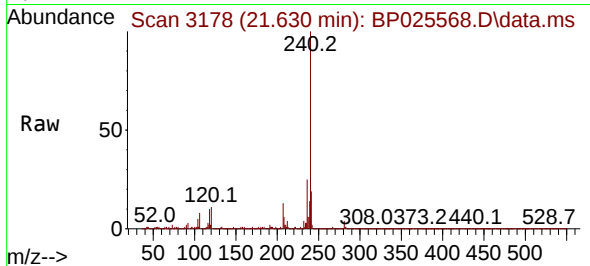




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

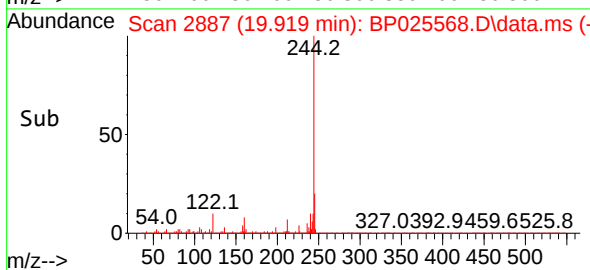
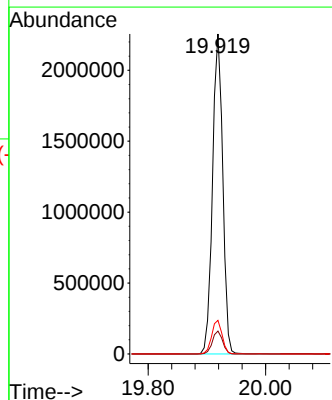
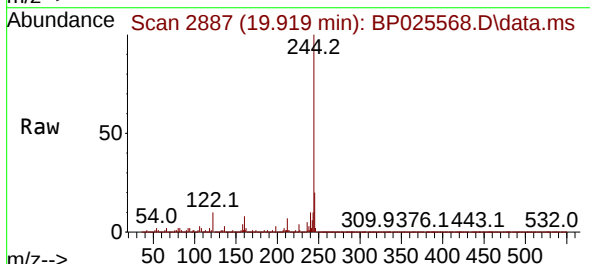
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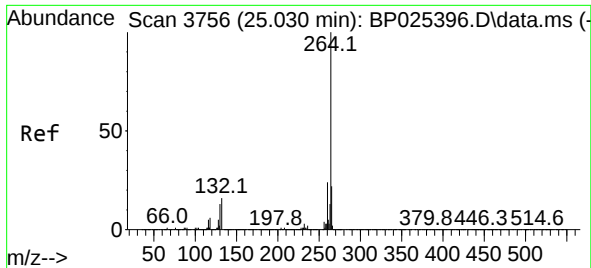
Tgt Ion:240 Resp: 1028608
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.4 19.8 29.8



#79
Terphenyl-d14
Concen: 48.357 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025568.D
Acq: 25 Aug 2025 17:06

Tgt Ion:244 Resp: 2718666
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.5 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP025568.D

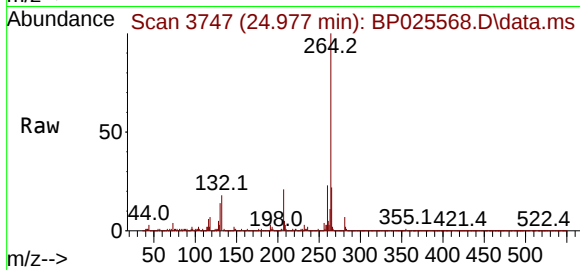
Acq: 25 Aug 2025 17:06

Instrument :

BNA_P

ClientSampleId :

25-SEPTIC



Tgt Ion:264 Resp: 1157129

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 22.0 17.4 26.0

