

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025564.D
 Acq On : 25 Aug 2025 14:21
 Operator : CG/JU
 Sample : Q2933-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 29-SEPTIC

Quant Time: Aug 25 15:02:01 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)

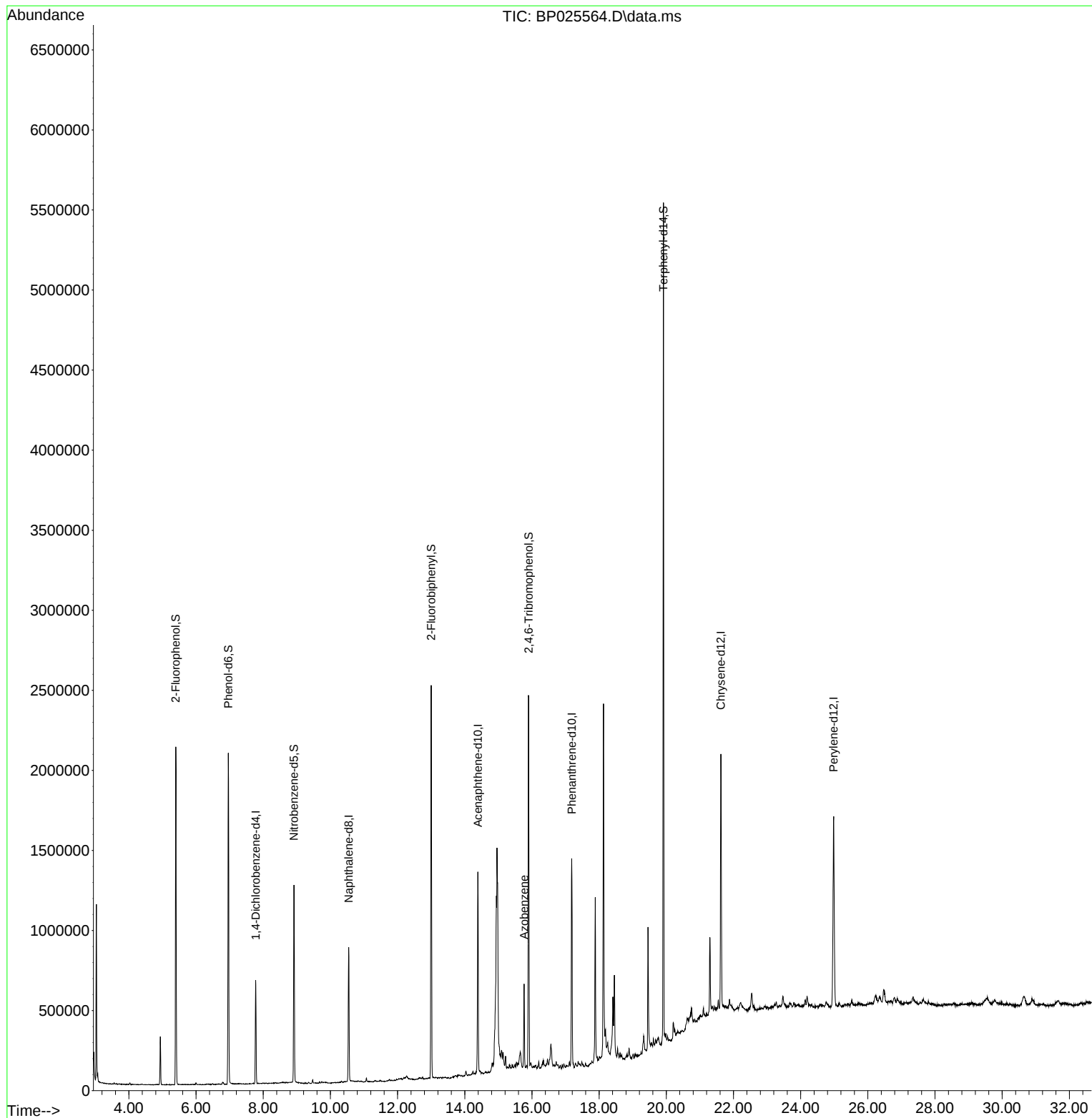
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	182334	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	711308	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	457253	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	908028	20.000	ng	#-0.02
76) Chrysene-d12	21.624	240	1009492	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1130893	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	911858	83.052	ng	-0.01
7) Phenol-d6	6.960	99	1200919	85.314	ng	0.00
23) Nitrobenzene-d5	8.913	82	685512	48.751	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	511309	83.077	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	1345987	40.230	ng	-0.02
79) Terphenyl-d14	19.913	244	2462118	44.623	ng	0.00
Target Compounds						
63) Azobenzene	15.766	77	135675	4.657	ng	Qvalue # 1

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

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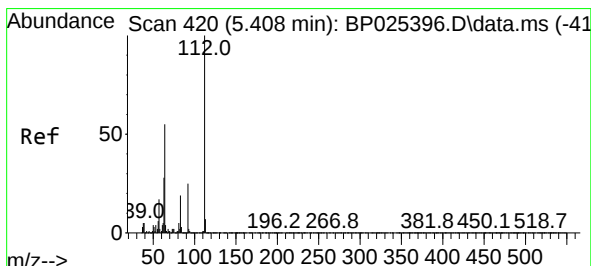
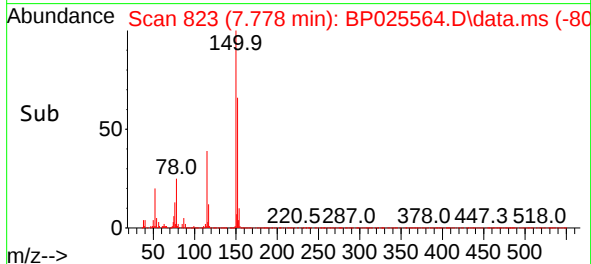
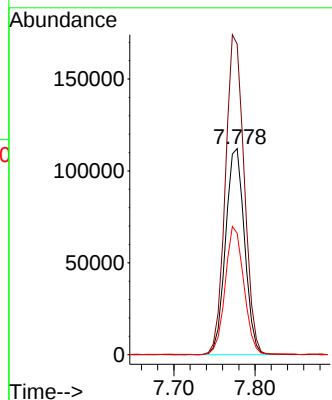
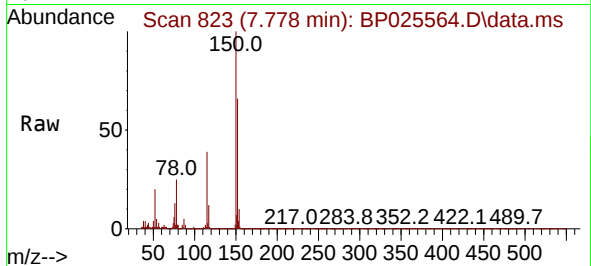




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

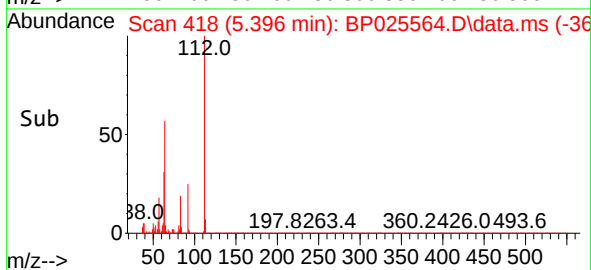
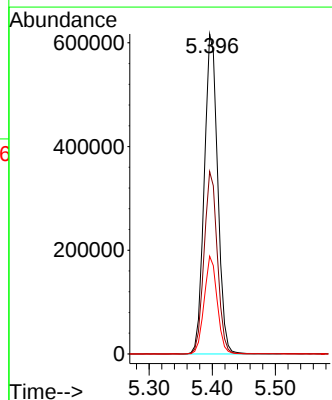
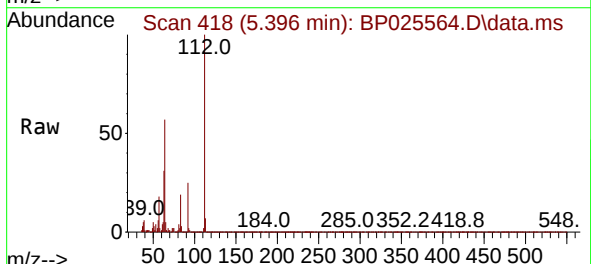
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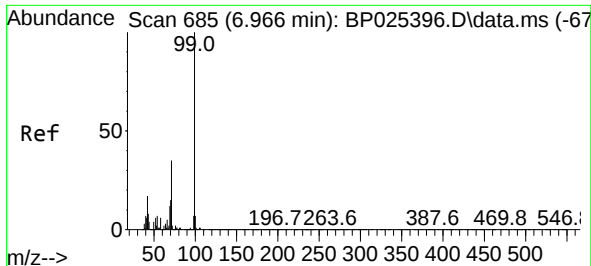
Tgt Ion:152 Resp: 182334
Ion Ratio Lower Upper
152 100
150 150.7 125.9 188.9
115 58.9 48.5 72.7



#5
2-Fluorophenol
Concen: 83.052 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

Tgt Ion:112 Resp: 911858
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 30.6 22.7 34.1

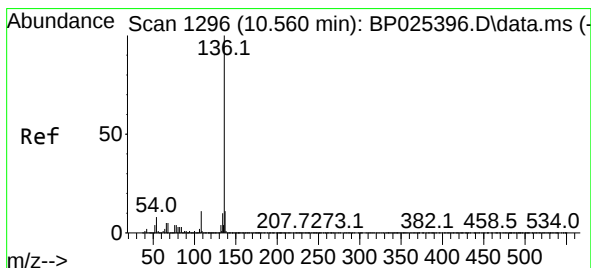
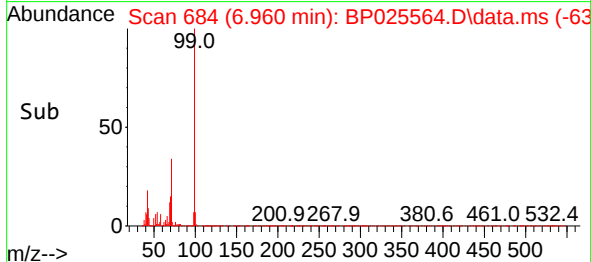
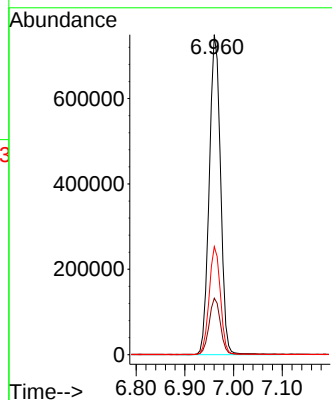
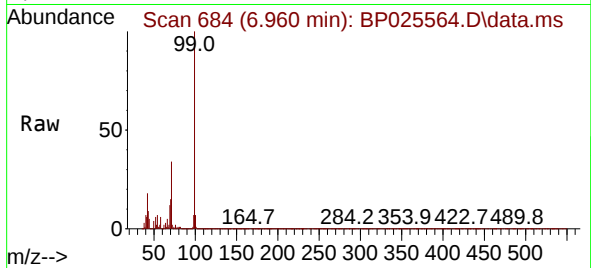




#7
Phenol-d6
Concen: 85.314 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

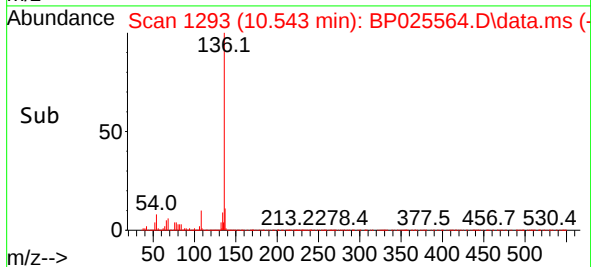
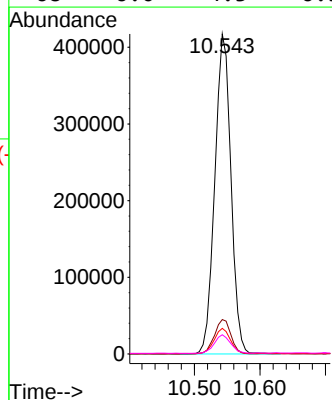
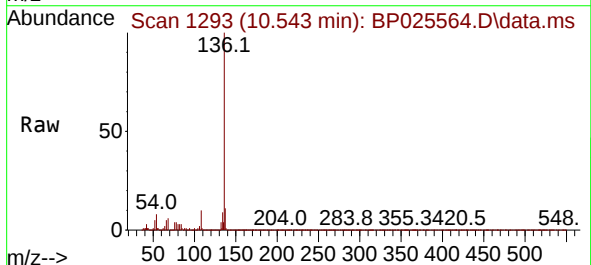
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ClientSampleId :
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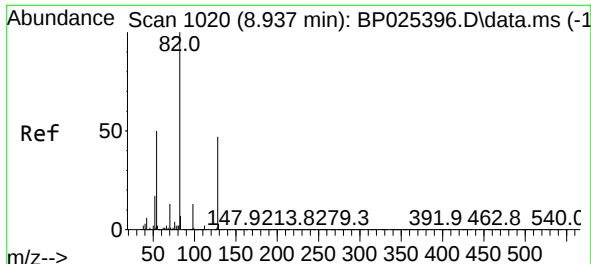
Tgt Ion: 99 Resp: 1200919
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

Tgt Ion: 136 Resp: 711308
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.0 6.0 9.0
68 6.0 4.3 6.5

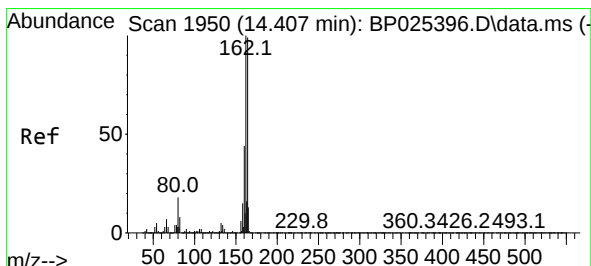
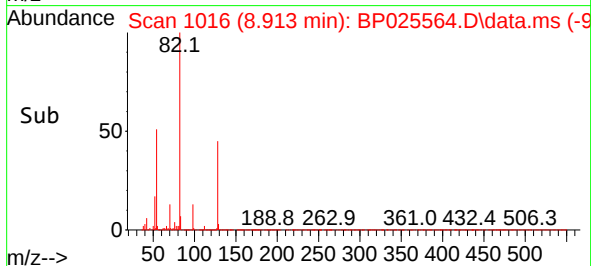
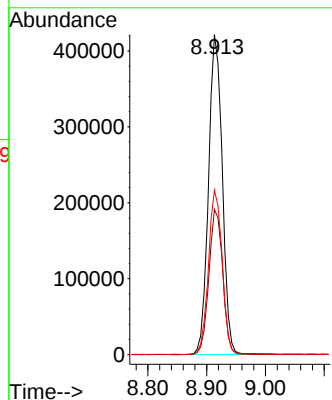
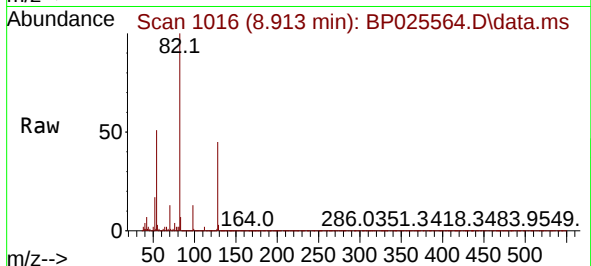




#23
Nitrobenzene-d5
Concen: 48.751 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

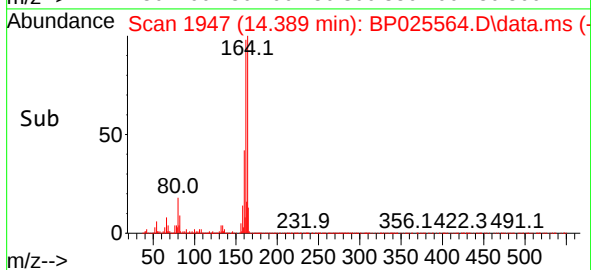
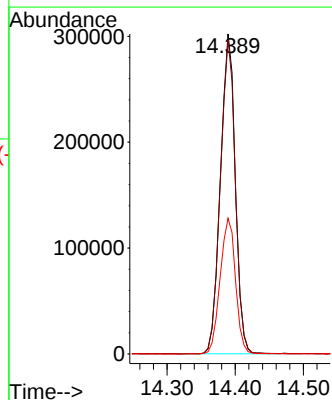
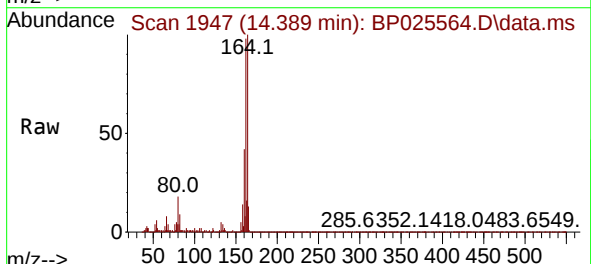
Instrument :
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ClientSampleId :
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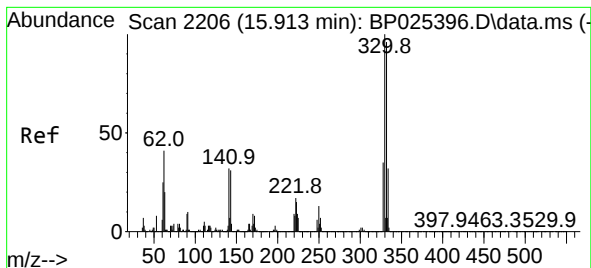
Tgt Ion: 82 Resp: 685512
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 51.4 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

Tgt Ion:164 Resp: 457253
Ion Ratio Lower Upper
164 100
162 98.2 81.0 121.6
160 42.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 83.077 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025564.D

Acq: 25 Aug 2025 14:21

Instrument :

BNA_P

ClientSampleId :

29-SEPTIC

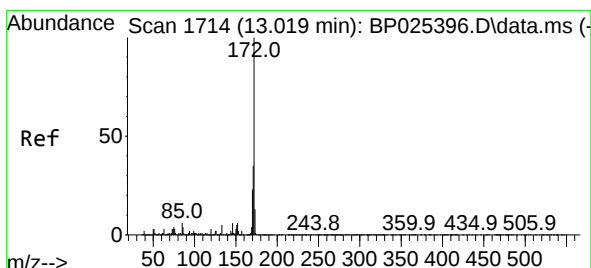
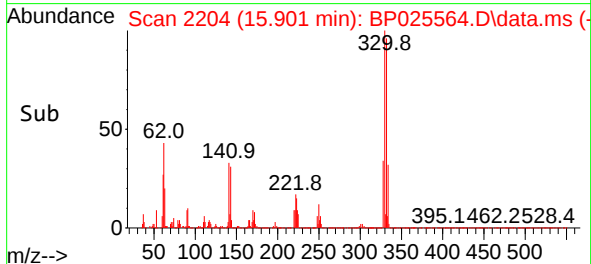
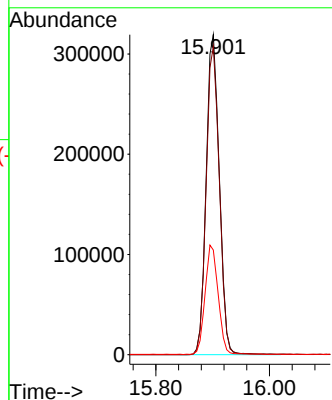
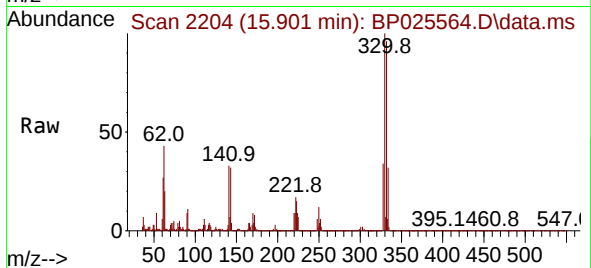
Tgt Ion:330 Resp: 511309

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 34.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 40.230 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025564.D

Acq: 25 Aug 2025 14:21

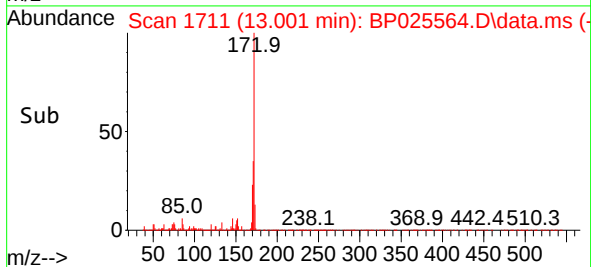
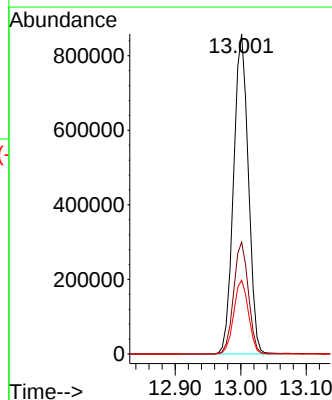
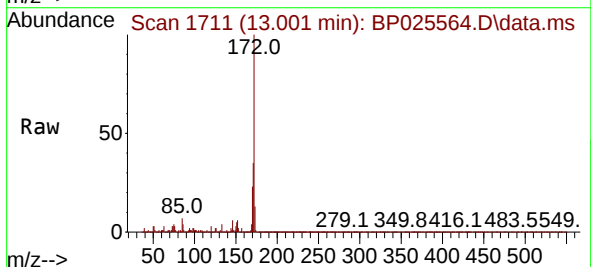
Tgt Ion:172 Resp: 1345987

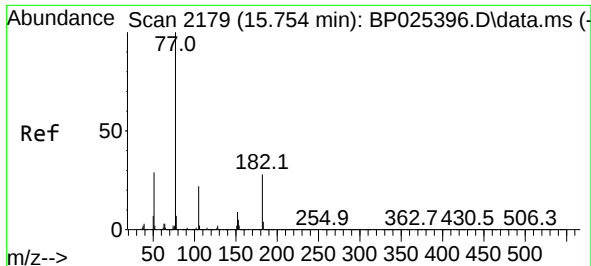
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.1 18.6 28.0

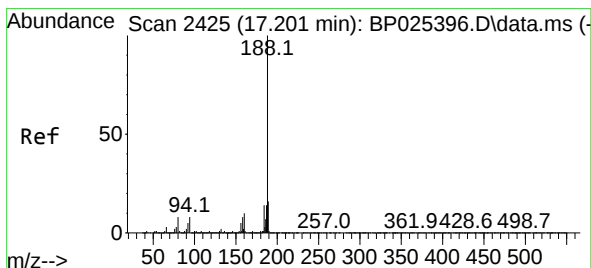
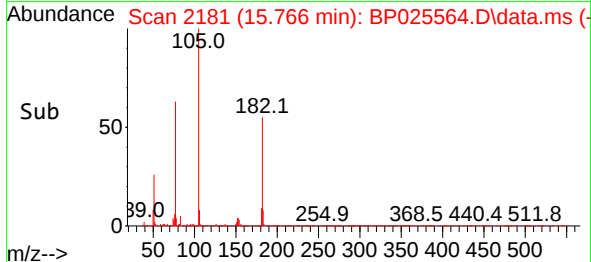
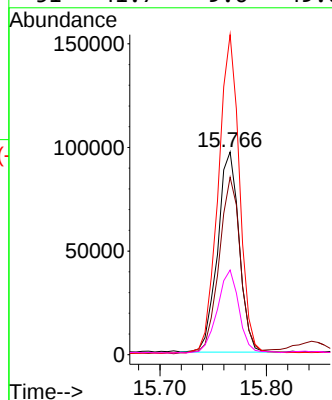
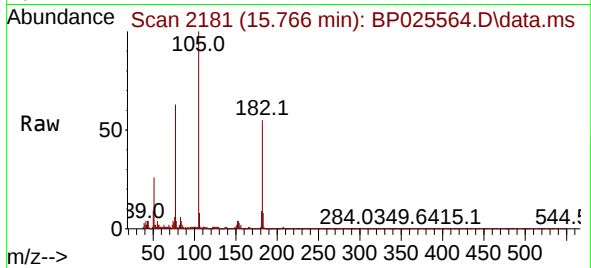




#63
Azobenzene
Concen: 4.657 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

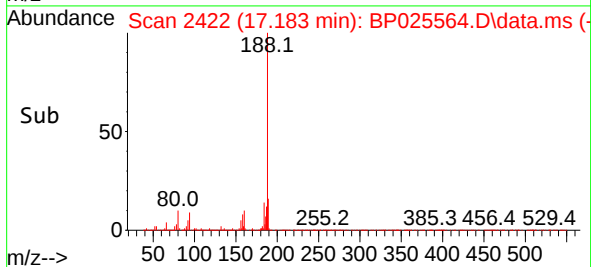
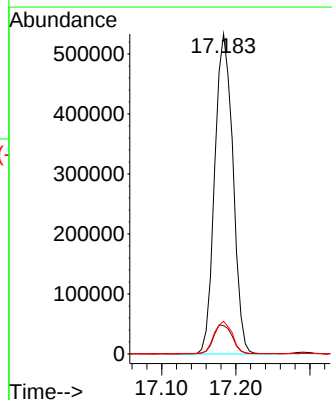
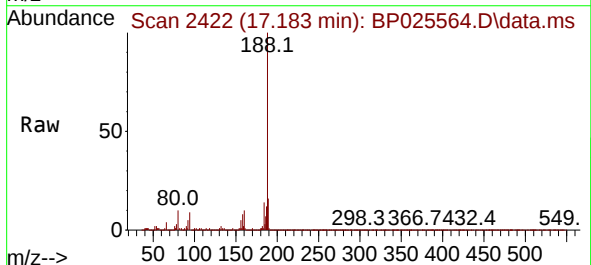
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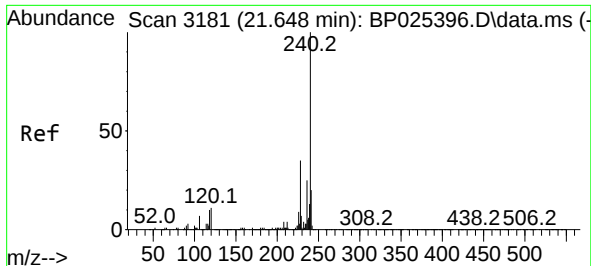
Tgt Ion: 77 Resp: 135675
Ion Ratio Lower Upper
77 100
182 87.6 7.5 47.5#
105 157.8 2.1 42.1#
51 41.7 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

Tgt Ion:188 Resp: 908028
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 10.2 6.7 10.1#

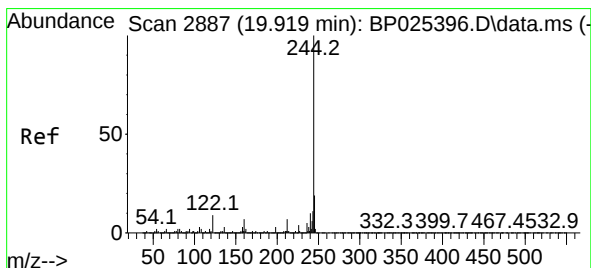
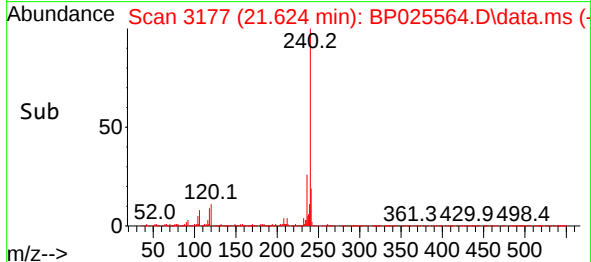
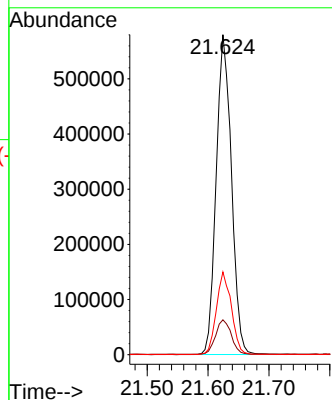
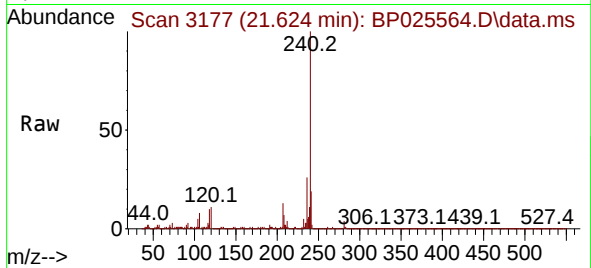




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3181
Delta R.T. -0.024 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

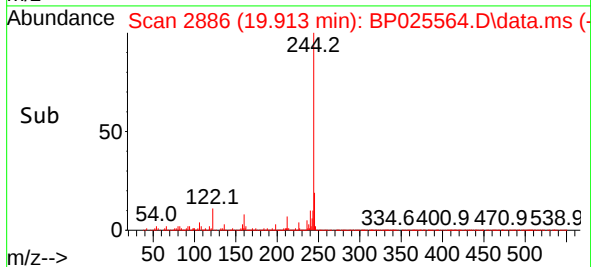
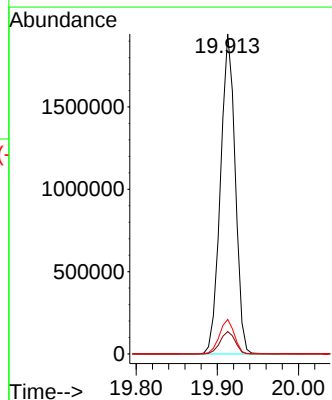
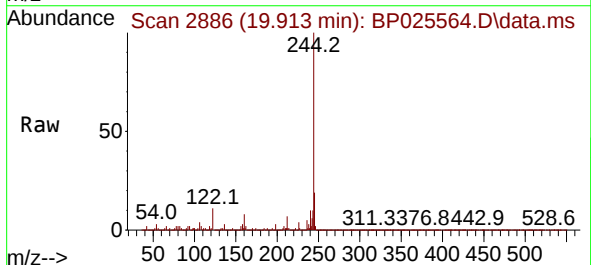
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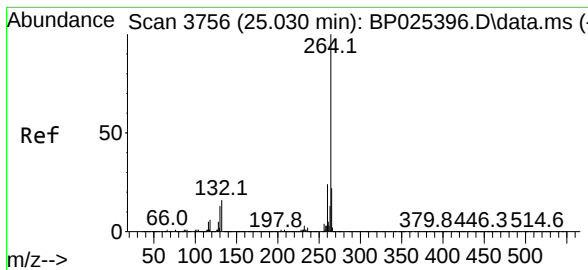
Tgt Ion:240 Resp: 1009492
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.8 19.8 29.8



#79
Terphenyl-d14
Concen: 44.623 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

Tgt Ion:244 Resp: 2462118
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.8 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP025564.D
Acq: 25 Aug 2025 14:21

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ClientSampleId :
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Tgt Ion:264 Resp: 1130893

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.3	28.9
265	21.4	17.4	26.0

