

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025626.D
 Acq On : 29 Aug 2025 15:21
 Operator : CG/JU
 Sample : Q2986-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-TP-3

Quant Time: Aug 29 15:54:26 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)

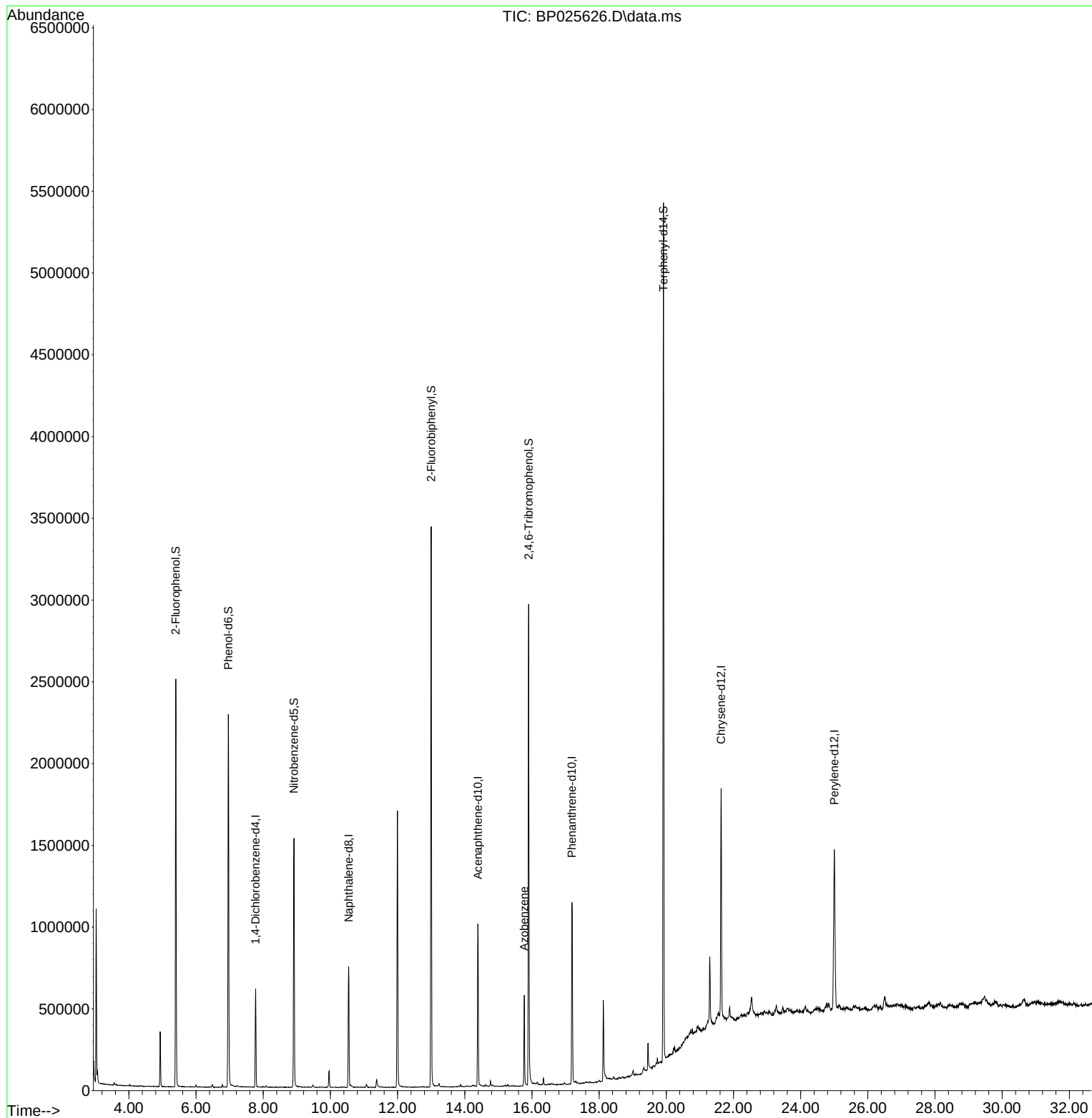
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	165791	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	641151	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	392243	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	785271	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	907582	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1095968	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1117112	111.899	ng	-0.01
7) Phenol-d6	6.960	99	1384816	108.195	ng	0.00
23) Nitrobenzene-d5	8.913	82	897993	70.850	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	617536	116.966	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	1851156	64.499	ng	-0.02
79) Terphenyl-d14	19.913	244	3086621	62.222	ng	0.00
Target Compounds						
63) Azobenzene	15.772	77	156078	6.245	ng	Qvalue # 1

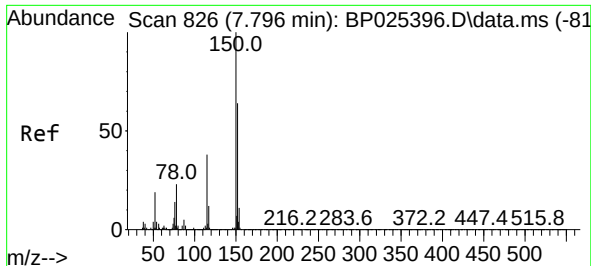
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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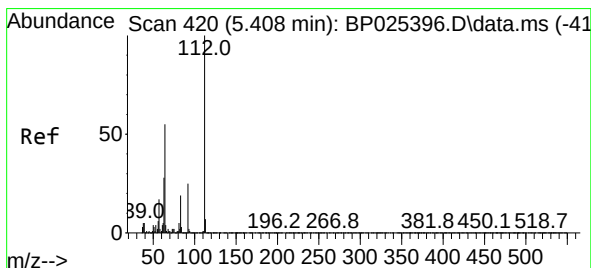
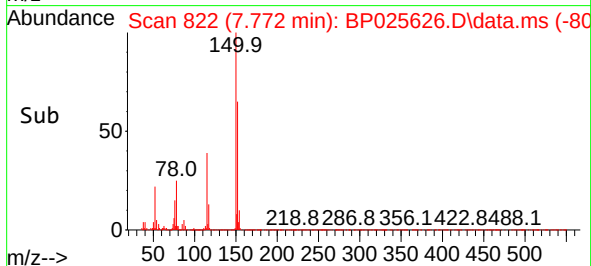
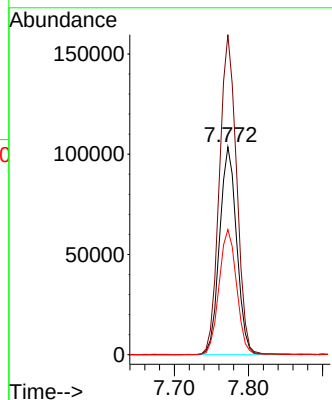
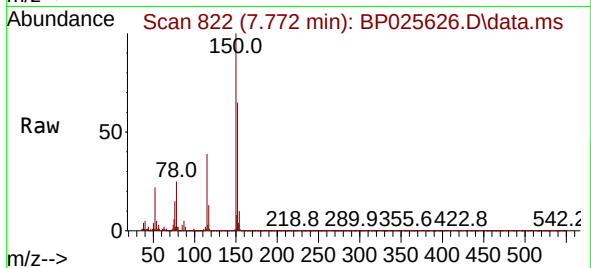




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

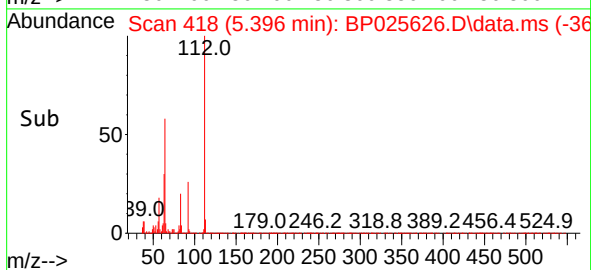
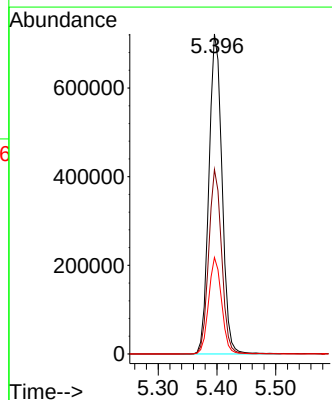
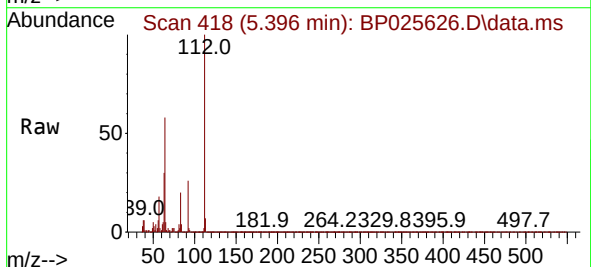
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3

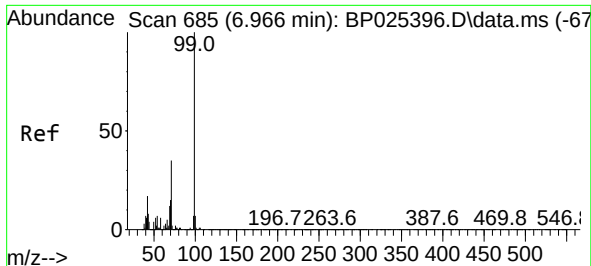
Tgt Ion:152 Resp: 165791
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 111.899 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

Tgt Ion:112 Resp: 1117112
Ion Ratio Lower Upper
112 100
64 57.6 43.8 65.8
63 30.1 22.7 34.1

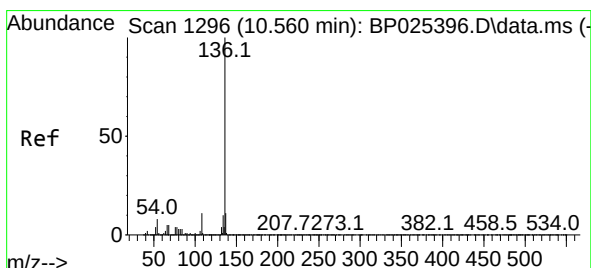
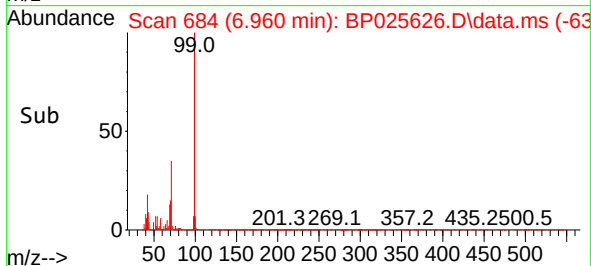
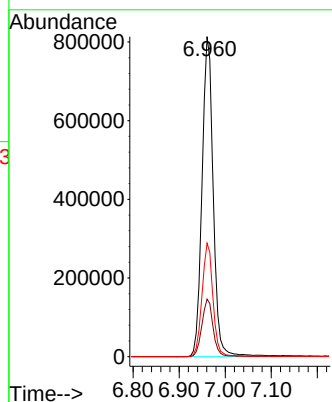
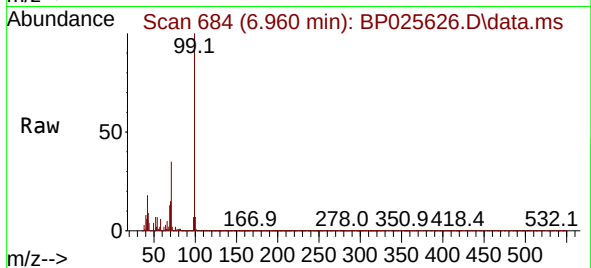




#7
Phenol-d6
Concen: 108.195 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

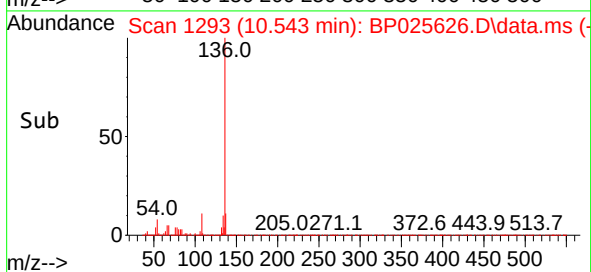
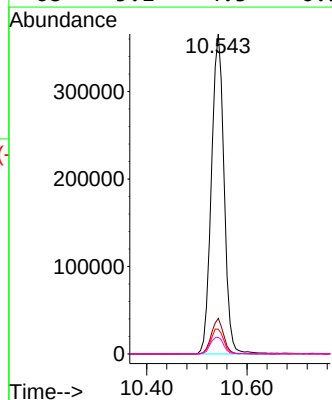
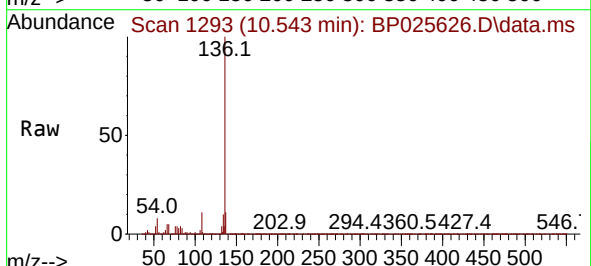
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3

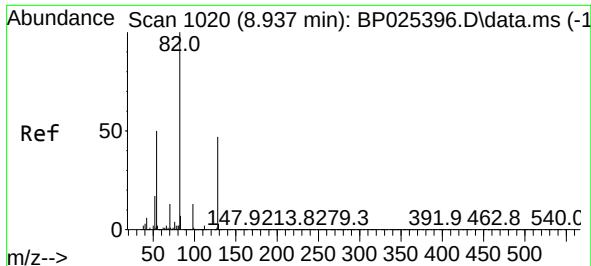
Tgt Ion: 99 Resp: 1384816
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

Tgt Ion: 136 Resp: 641151
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.8 6.0 9.0
68 5.1 4.3 6.5

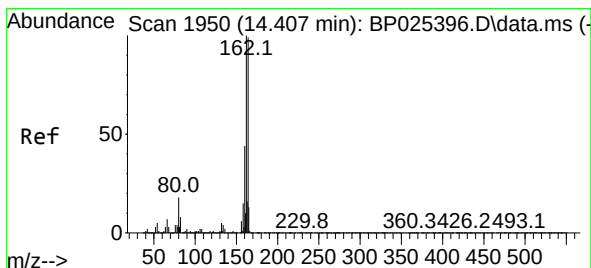
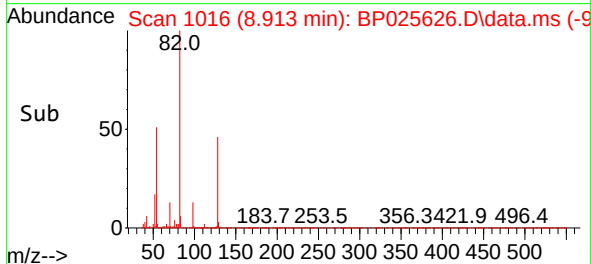
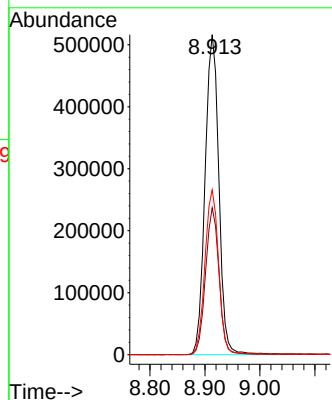
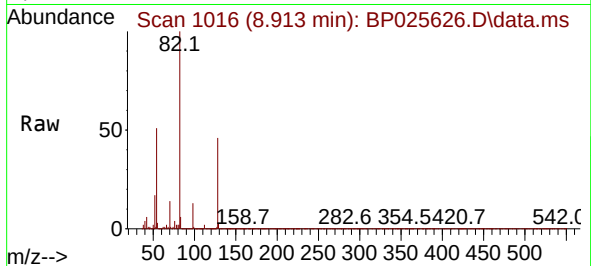




#23
Nitrobenzene-d5
Concen: 70.850 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

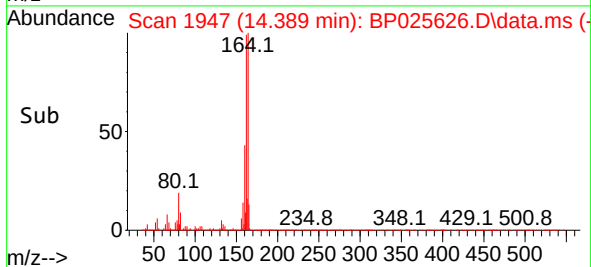
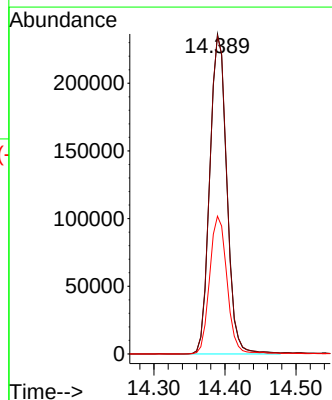
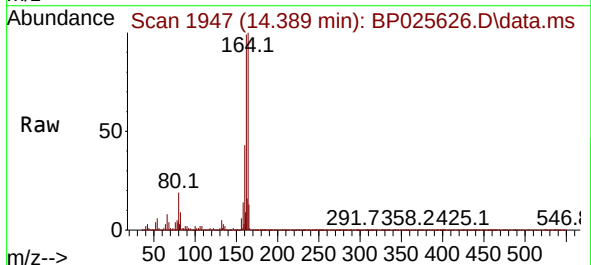
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3

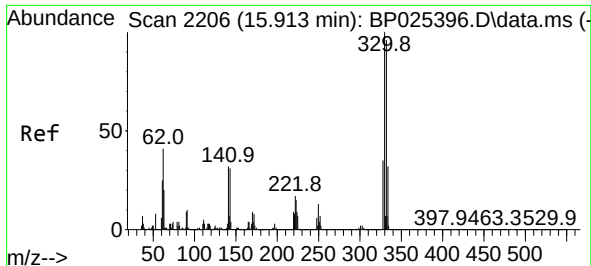
Tgt Ion: 82 Resp: 897993
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 51.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

Tgt Ion: 164 Resp: 392243
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.6
160 43.0 35.4 53.2

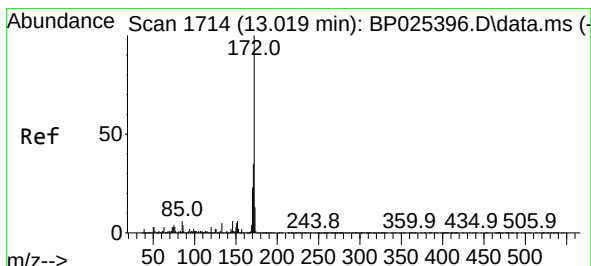
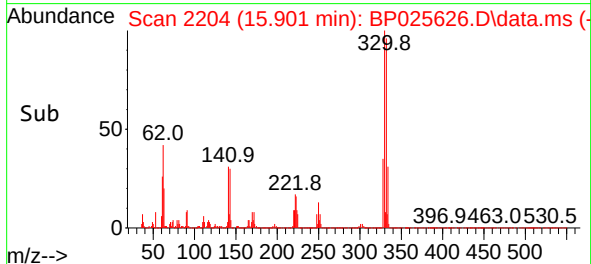
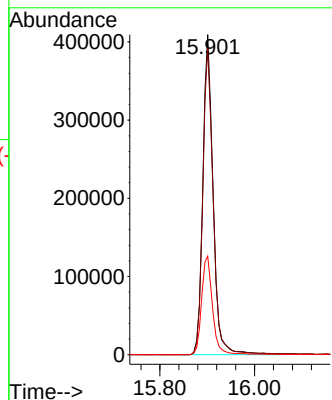
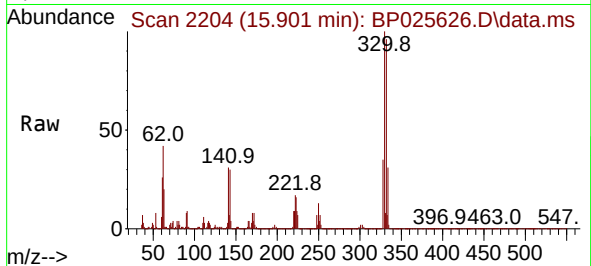




#42
2,4,6-Tribromophenol
Concen: 116.966 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

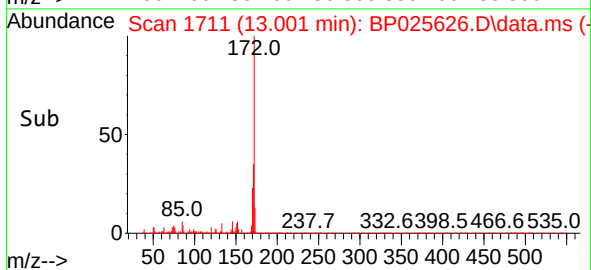
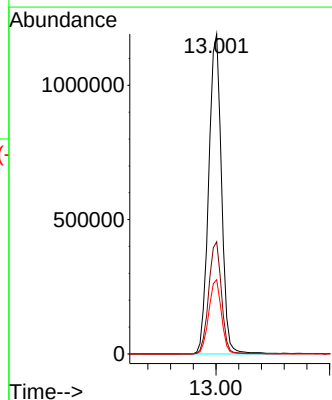
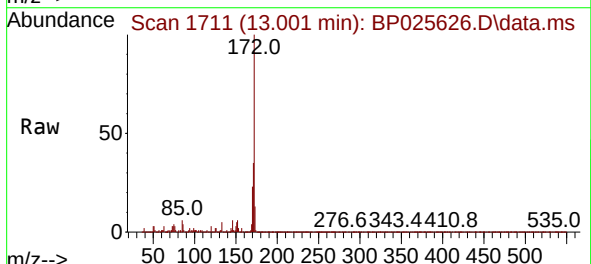
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3

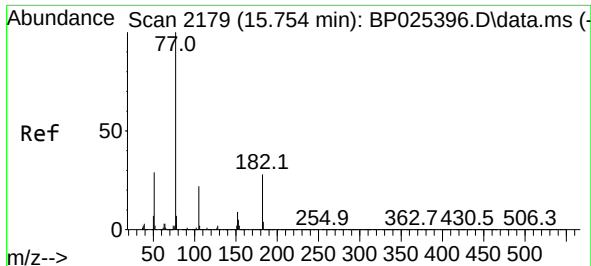
Tgt Ion:330 Resp: 617536
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 32.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 64.499 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

Tgt Ion:172 Resp: 1851156
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.2 18.6 28.0

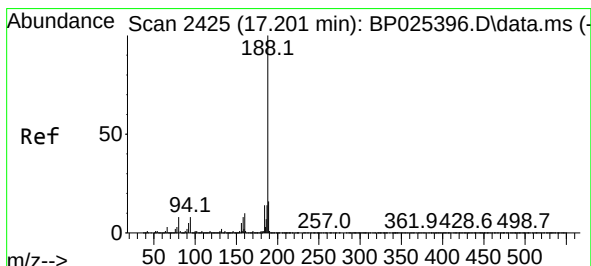
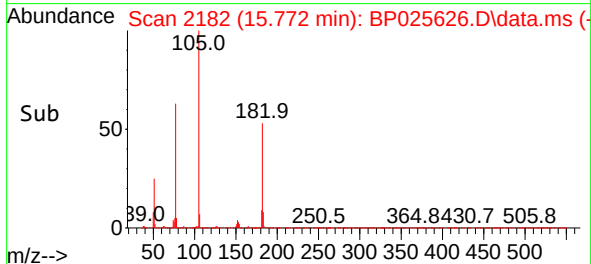
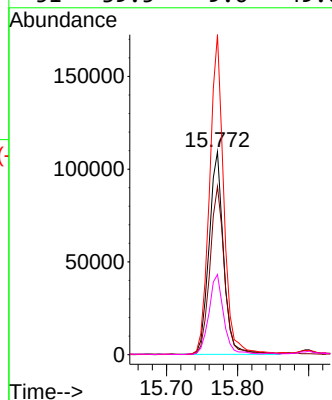
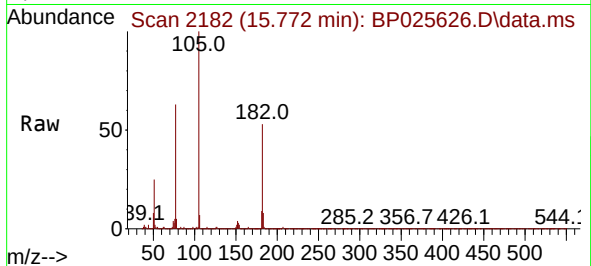




#63
Azobenzene
Concen: 6.245 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

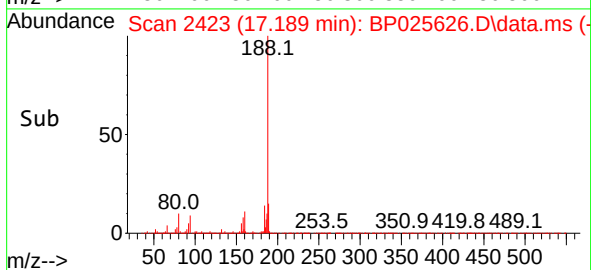
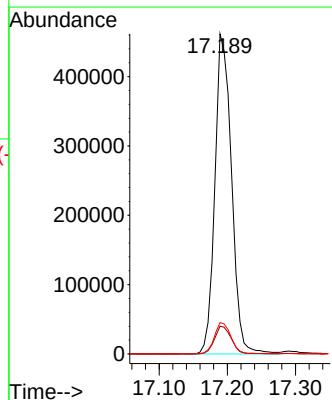
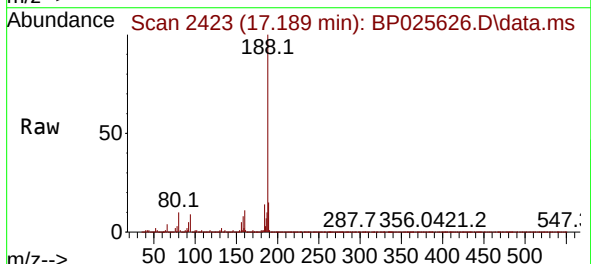
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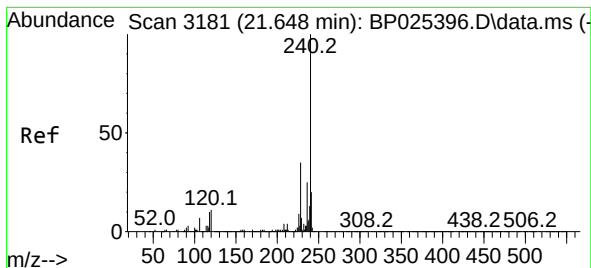
Tgt Ion: 77 Resp: 156078
Ion Ratio Lower Upper
77 100
182 82.9 7.5 47.5#
105 157.7 2.1 42.1#
51 39.5 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025626.D
Acq: 29 Aug 2025 15:21

Tgt Ion:188 Resp: 785271
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BP025626.D

Acq: 29 Aug 2025 15:21

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-3

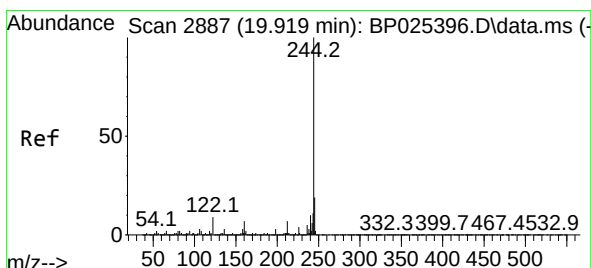
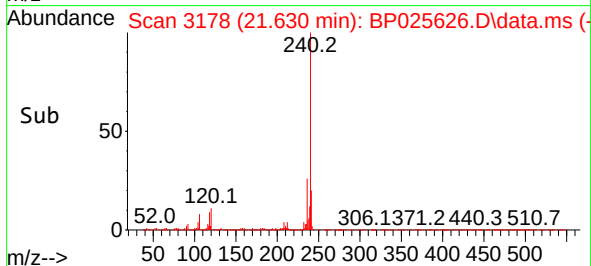
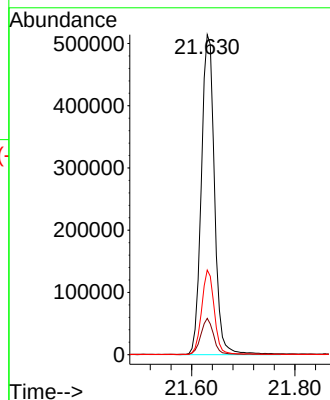
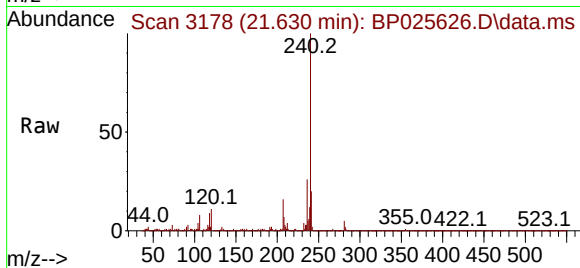
Tgt Ion:240 Resp: 907582

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.5 19.8 29.8



#79

Terphenyl-d14

Concen: 62.222 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025626.D

Acq: 29 Aug 2025 15:21

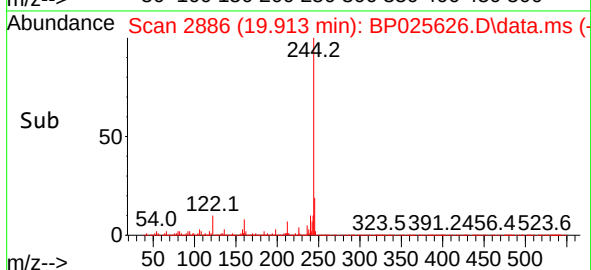
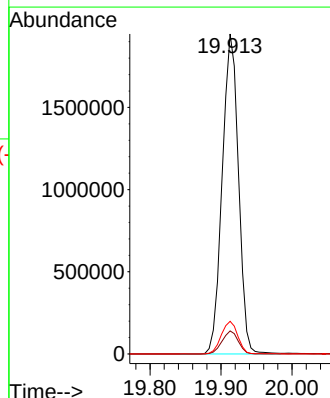
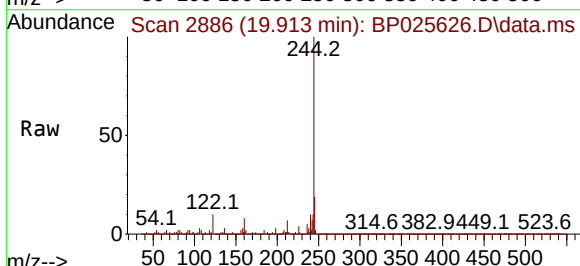
Tgt Ion:244 Resp: 3086621

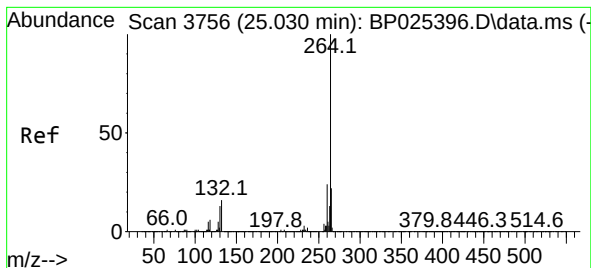
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.2 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025626.D

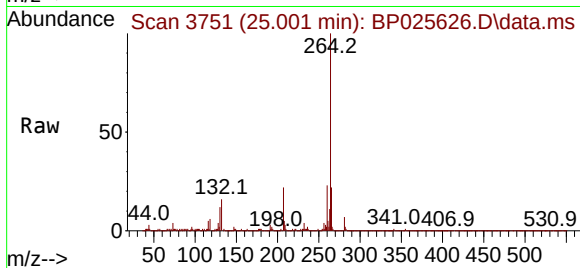
Acq: 29 Aug 2025 15:21

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Tgt Ion:264 Resp: 1095968

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.9 17.4 26.0

