

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025541.D
 Acq On : 21 Aug 2025 15:37
 Operator : CG/JU
 Sample : Q2820-15 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 10P-S

Quant Time: Aug 21 16:22:37 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)

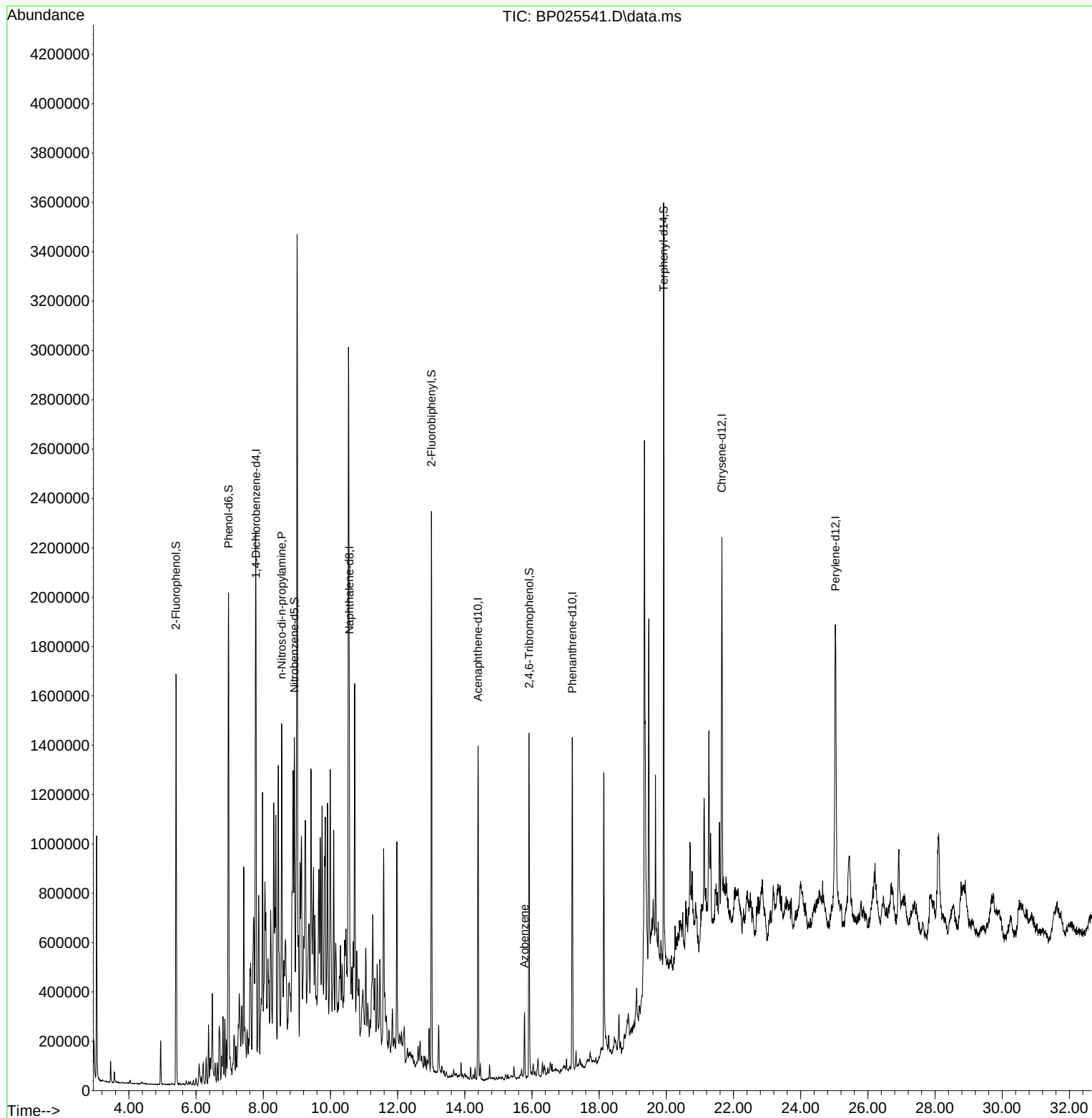
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	242296	20.000	ng	-0.01
21) Naphthalene-d8	10.560	136	874020	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	479174	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	886621	20.000	ng	0.00
76) Chrysene-d12	21.654	240	948832	20.000	ng	0.00
86) Perylene-d12	25.036	264	1096230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	724376	49.649	ng	0.00
7) Phenol-d6	6.966	99	896121	47.907	ng	0.00
23) Nitrobenzene-d5	8.925	82	604853	35.007	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	285441	44.256	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1122701	32.021	ng	-0.01
79) Terphenyl-d14	19.918	244	1438441	27.737	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.548	70	38412	3.100	ng	# 48
63) Azobenzene	15.777	77	78051	2.557	ng	# 1

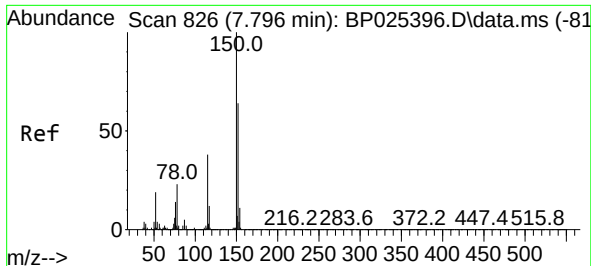
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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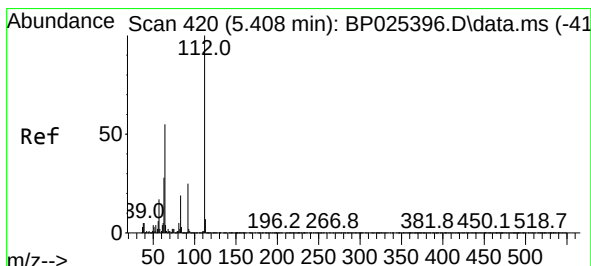
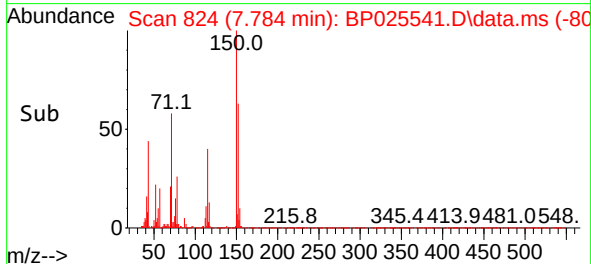
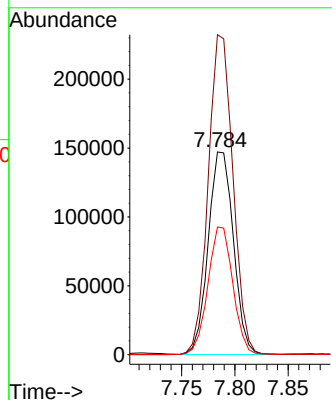
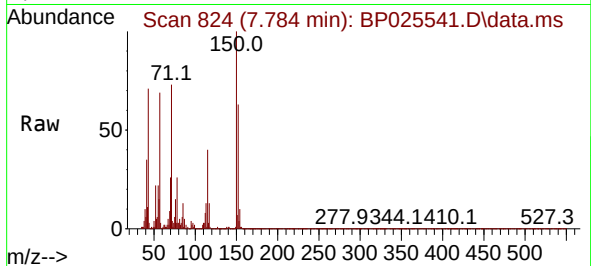




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025541.D
 Acq: 21 Aug 2025 15:37

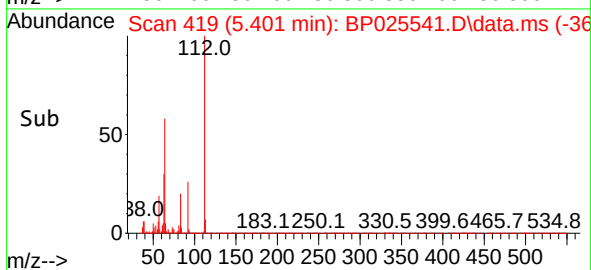
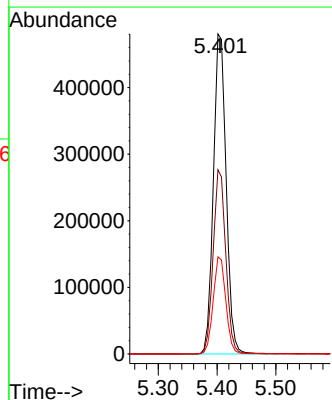
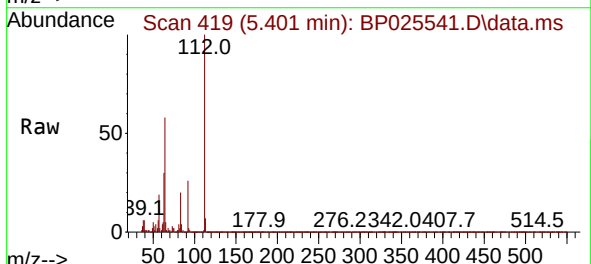
Instrument :
 BNA_P
 ClientSampleId :
 10P-S

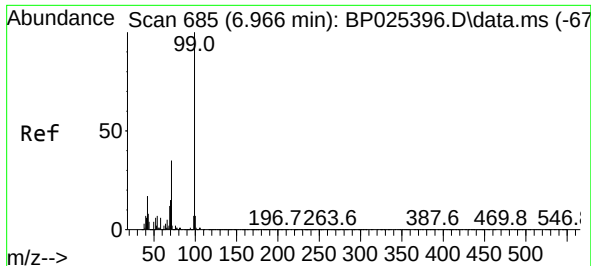
Tgt Ion:152 Resp: 242296
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.9 188.9
 115 63.0 48.5 72.7



#5
 2-Fluorophenol
 Concen: 49.649 ng
 RT: 5.401 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025541.D
 Acq: 21 Aug 2025 15:37

Tgt Ion:112 Resp: 724376
 Ion Ratio Lower Upper
 112 100
 64 57.6 43.8 65.8
 63 30.3 22.7 34.1

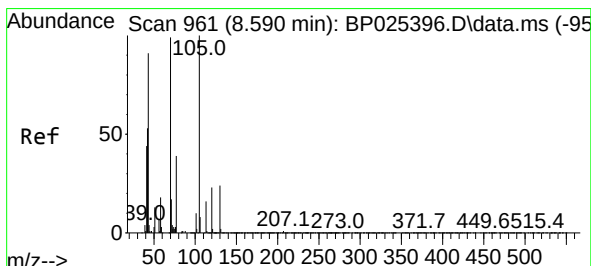
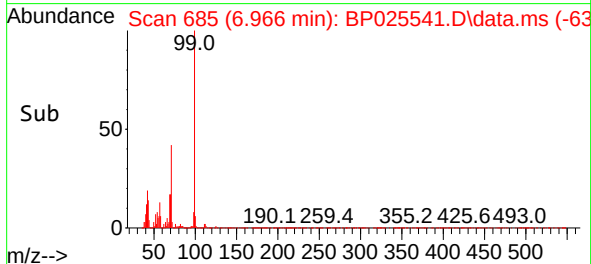
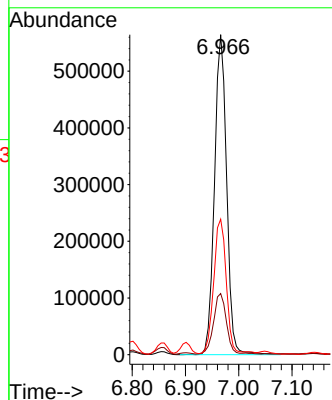
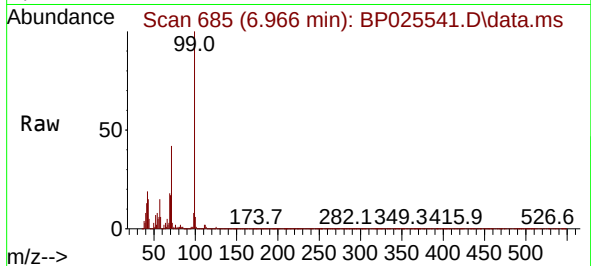




#7
Phenol-d6
Concen: 47.907 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

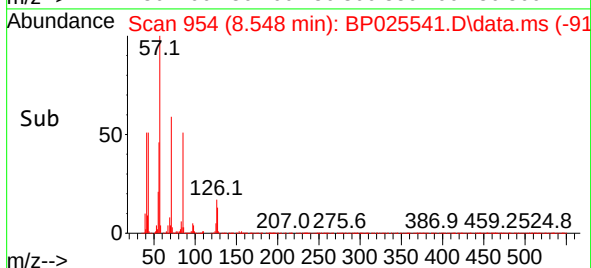
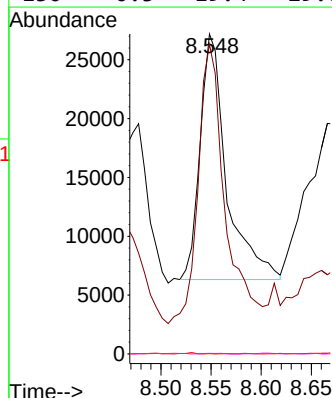
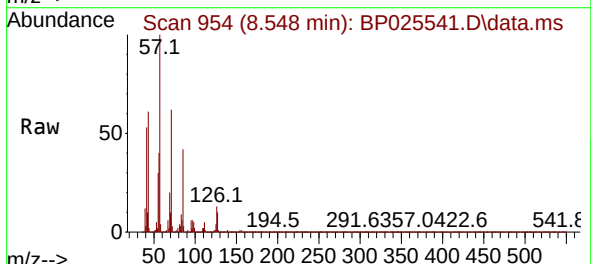
Instrument :
BNA_P
ClientSampleId :
10P-S

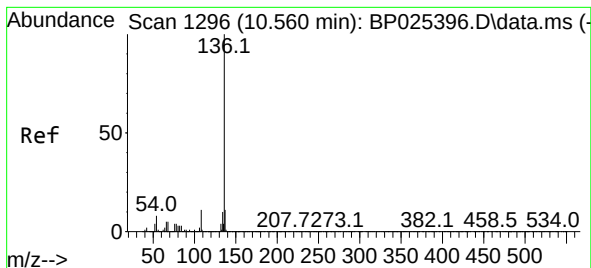
Tgt Ion: 99 Resp: 896121
Ion Ratio Lower Upper
99 100
42 19.1 13.7 20.5
71 42.3 28.2 42.4



#19
n-Nitroso-di-n-propylamine
Concen: 3.100 ng
RT: 8.548 min Scan# 954
Delta R.T. -0.041 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

Tgt Ion: 70 Resp: 38412
Ion Ratio Lower Upper
70 100
42 96.7 43.8 65.6#
101 0.1 8.5 12.7#
130 0.3 19.4 29.0#

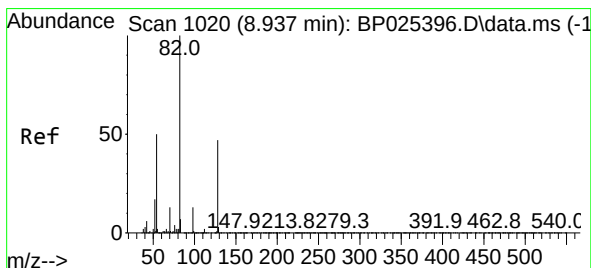
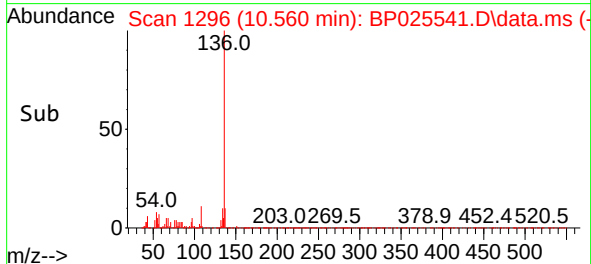
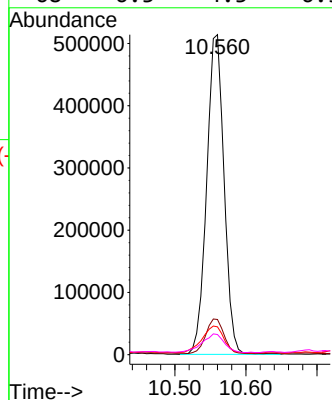
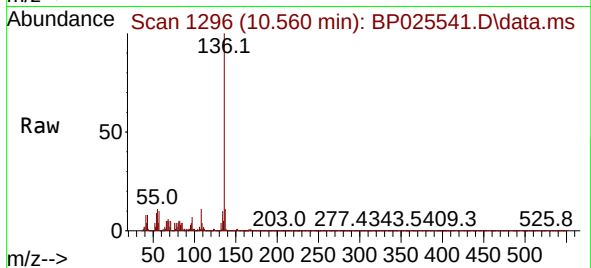




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

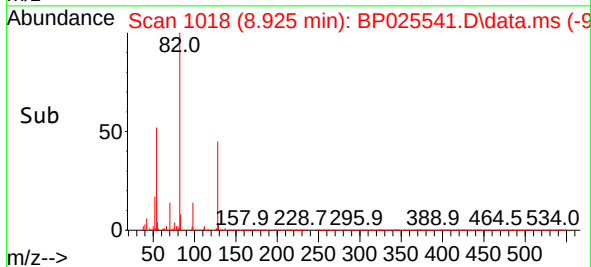
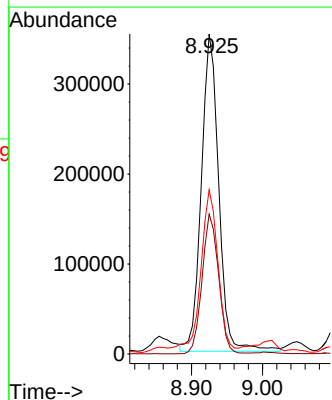
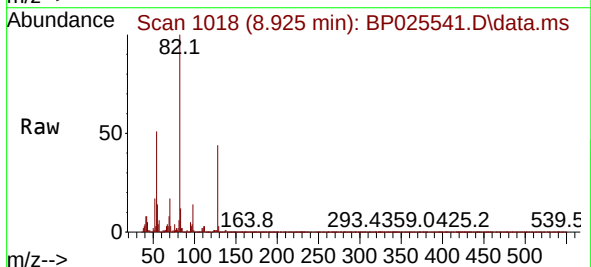
Instrument :
BNA_P
ClientSampleId :
10P-S

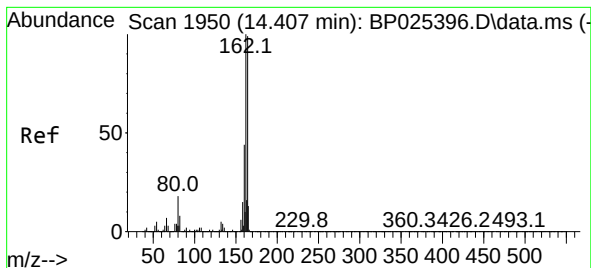
Tgt Ion:	136	Resp:	874020
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.7	6.0	9.0
68	6.3	4.3	6.5



#23
Nitrobenzene-d5
Concen: 35.007 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

Tgt Ion:	82	Resp:	604853
Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.7	56.5
54	51.3	39.8	59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

Instrument :

BNA_P

ClientSampleId :

10P-S

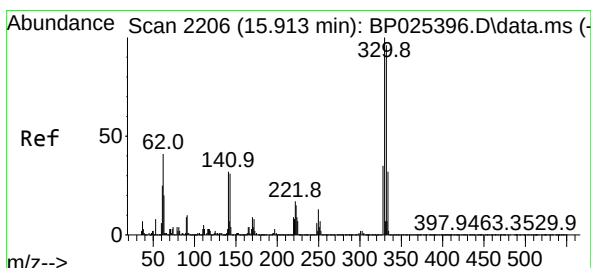
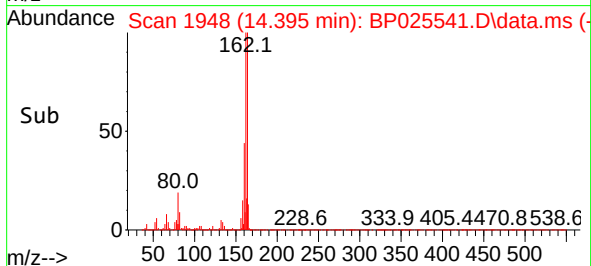
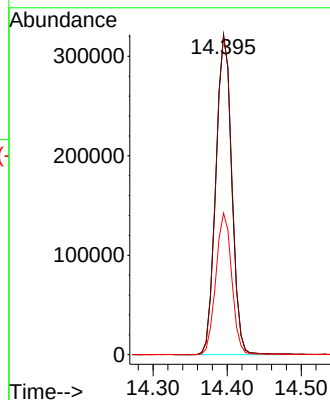
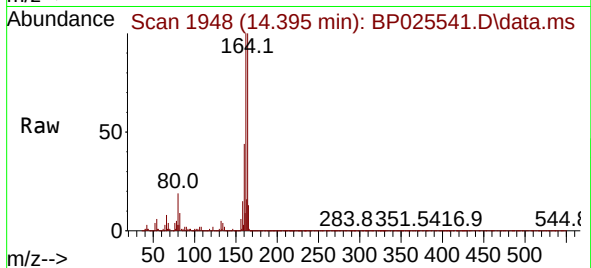
Tgt Ion:164 Resp: 479174

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

160 44.3 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 44.256 ng

RT: 15.913 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BP025541.D

Acq: 21 Aug 2025 15:37

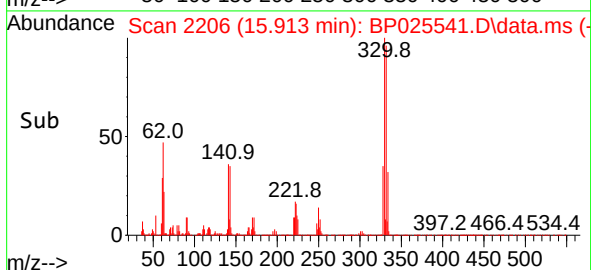
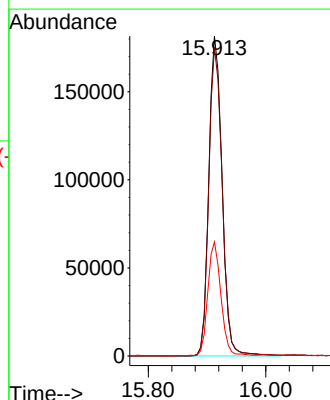
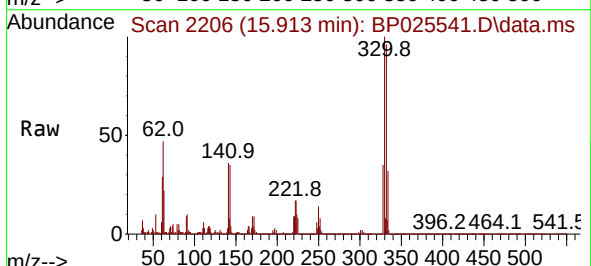
Tgt Ion:330 Resp: 285441

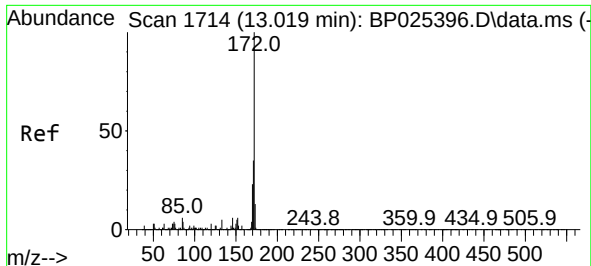
Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 35.1 26.6 39.8

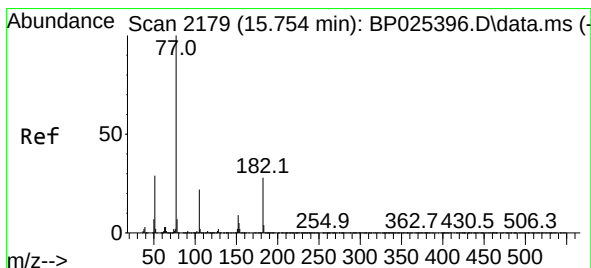
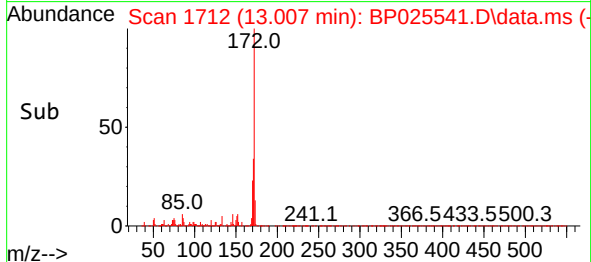
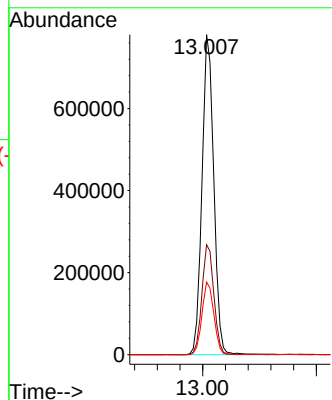
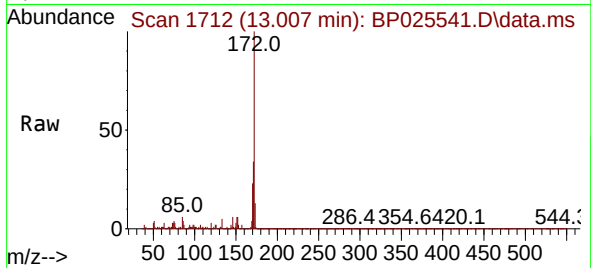




#45
2-Fluorobiphenyl
Concen: 32.021 ng
RT: 13.007 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

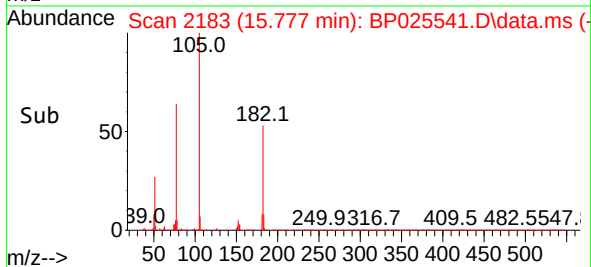
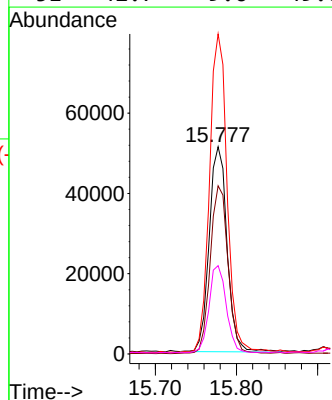
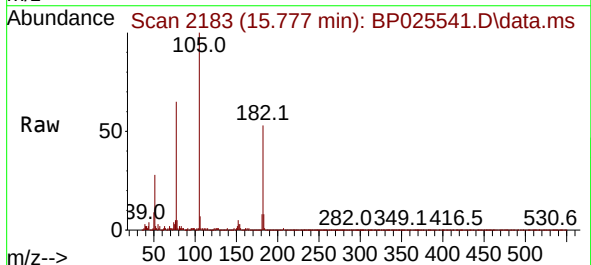
Instrument :
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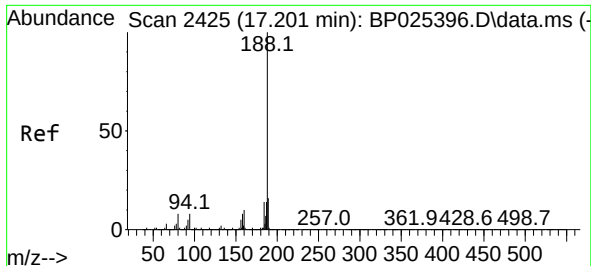
Tgt Ion:172 Resp: 1122701
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.7 18.6 28.0



#63
Azobenzene
Concen: 2.557 ng
RT: 15.777 min Scan# 2183
Delta R.T. 0.023 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

Tgt Ion: 77 Resp: 78051
Ion Ratio Lower Upper
77 100
182 81.1 7.5 47.5#
105 154.5 2.1 42.1#
51 42.7 9.6 49.6

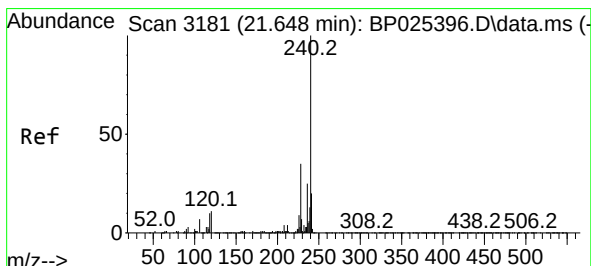
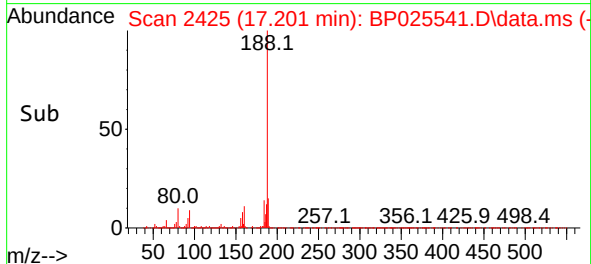
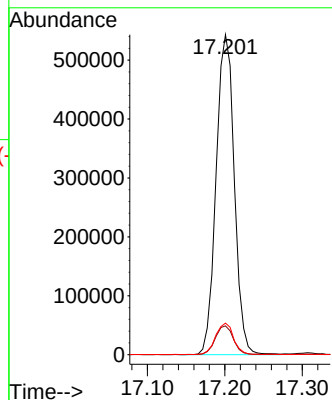
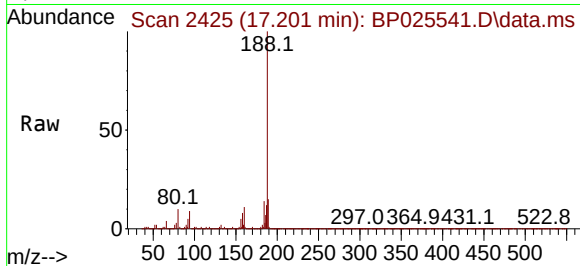




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

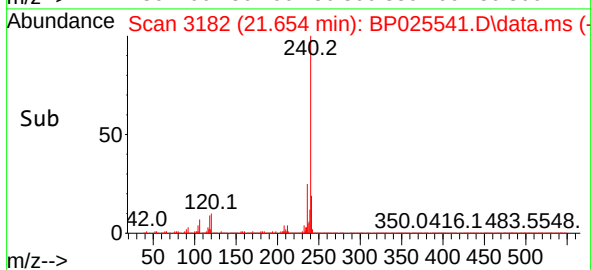
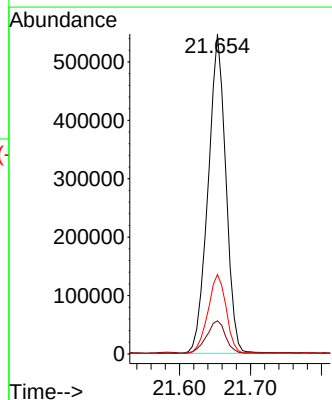
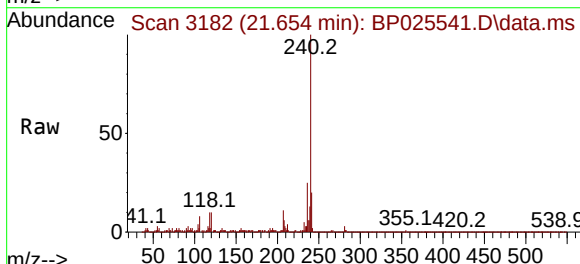
Instrument :
BNA_P
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10P-S

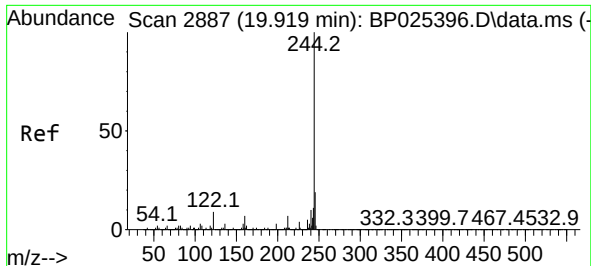
Tgt Ion:188 Resp: 886621
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.9 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025541.D
Acq: 21 Aug 2025 15:37

Tgt Ion:240 Resp: 948832
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 24.9 19.8 29.8

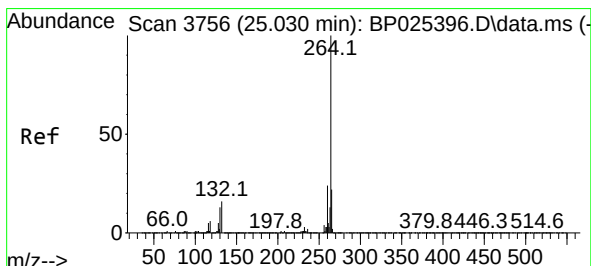
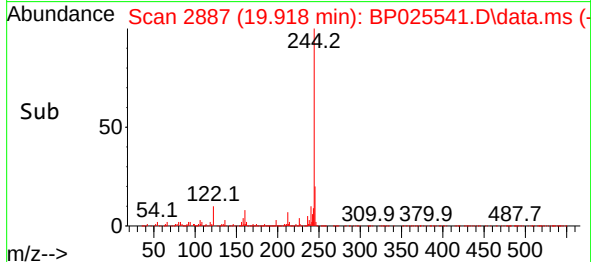
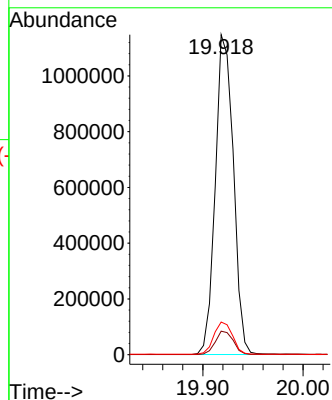
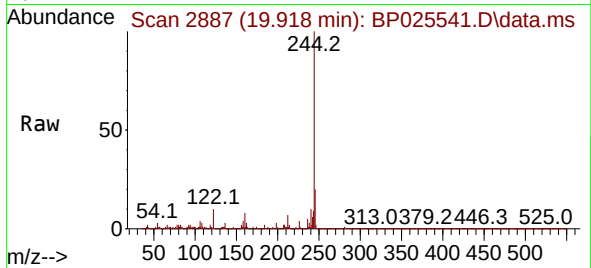




#79
 Terphenyl-d14
 Concen: 27.737 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025541.D
 Acq: 21 Aug 2025 15:37

Instrument :
 BNA_P
 ClientSampleId :
 10P-S

Tgt Ion:244 Resp: 1438441
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.2 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.036 min Scan# 3757
 Delta R.T. 0.006 min
 Lab File: BP025541.D
 Acq: 21 Aug 2025 15:37

Tgt Ion:264 Resp: 1096230
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 22.3 17.4 26.0

