

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
 Data File : BP025315.D
 Acq On : 07 Aug 2025 15:50
 Operator : CG/JU
 Sample : Q2759-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOLID-DRUM

Quant Time: Aug 07 16:08:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

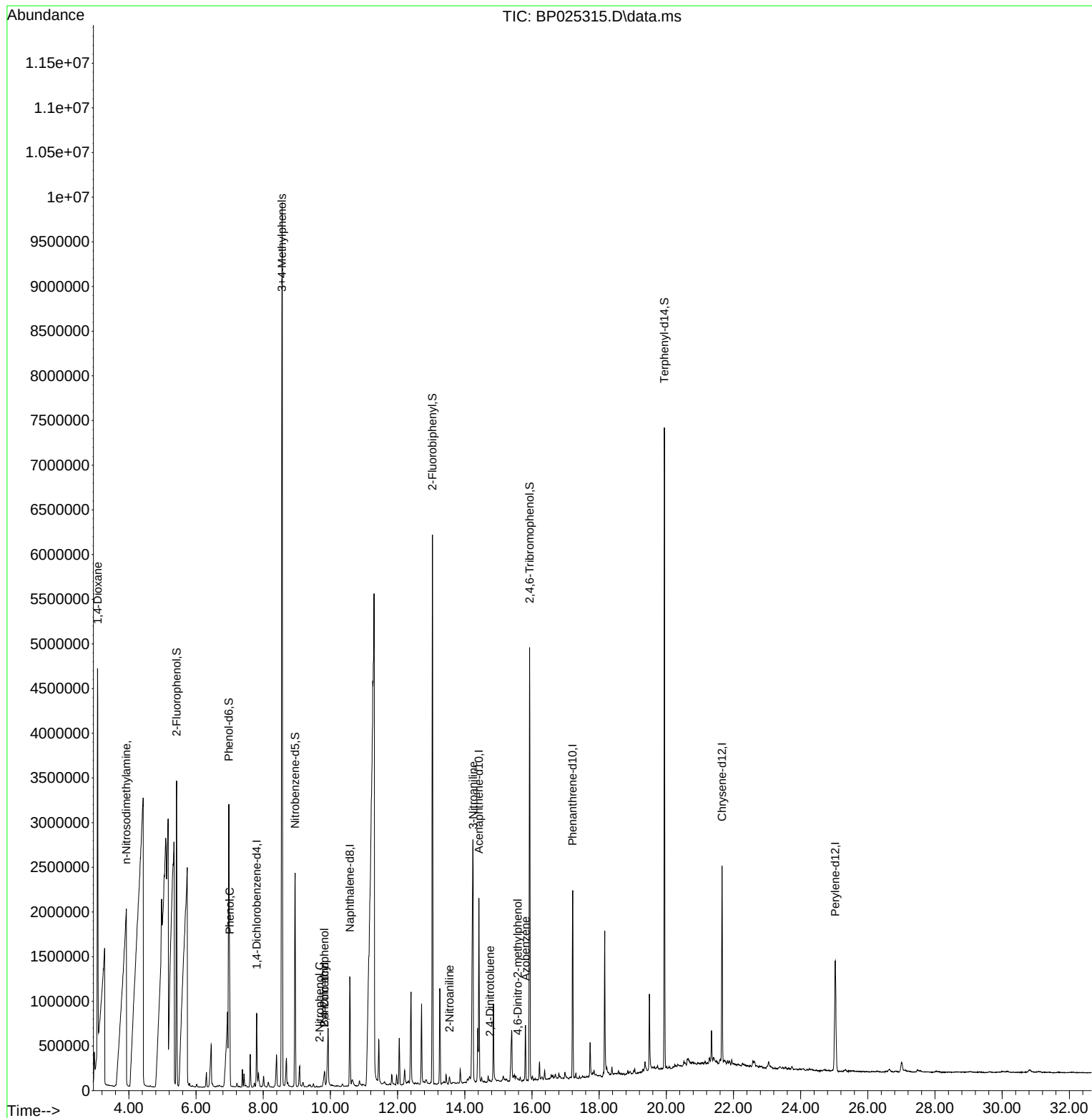
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	227123	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	950262	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	611259	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1274549	20.000	ng	-0.01
76) Chrysene-d12	21.660	240	1216767	20.000	ng	0.00
86) Perylene-d12	25.030	264	1319816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.419	112	1515394	107.312	ng	0.01
7) Phenol-d6	6.972	99	1907321	102.628	ng	0.00
23) Nitrobenzene-d5	8.949	82	1362404	79.429	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	898441	147.333	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	3119669	70.492	ng	0.00
79) Terphenyl-d14	19.942	244	3273110	50.808	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.067	88	32865	5.898	ng	# 1
4) n-Nitrosodimethylamine	3.925	42	780117	108.531	ng	# 1
10) Phenol	7.002	94	614727	30.914	ng	100
20) 3+4-Methylphenols	8.560	107	5074076	276.939	ng	90
26) 2-Nitrophenol	9.678	139	54	3.645	ng	# 1
27) 2,4-Dimethylphenol	9.825	122	95563	6.071	ng	# 7
32) Benzoic acid	9.825	122	95563	17.271	ng	99
48) 2-Nitroaniline	13.542	65	4365	3.371	ng	# 39
53) 3-Nitroaniline	14.248	138	24916	2.591	ng	# 15
57) 2,4-Dinitrotoluene	14.754	165	453	3.288	ng	# 38
63) Azobenzene	15.807	77	166185	3.982	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.578	198	141	4.864	ng	# 1

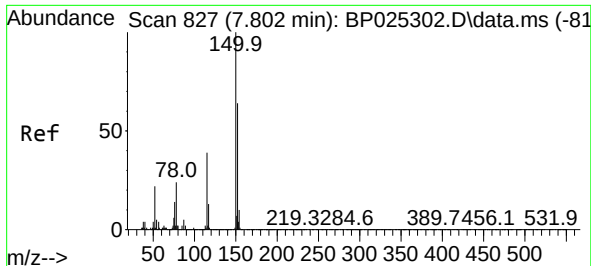
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
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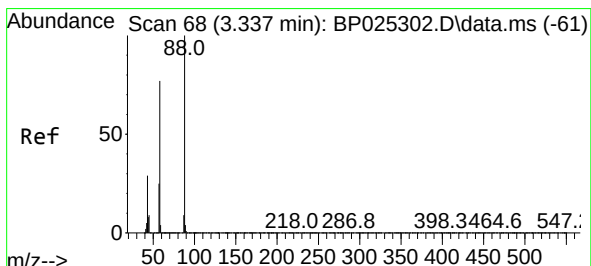
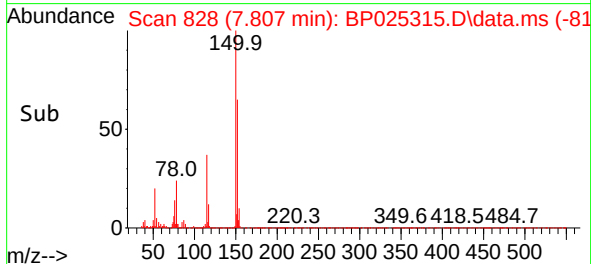
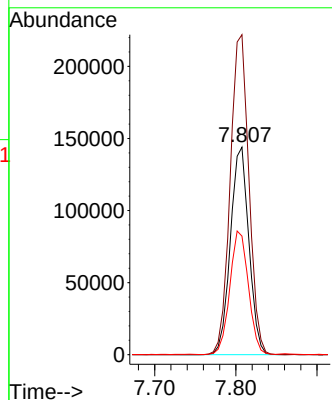
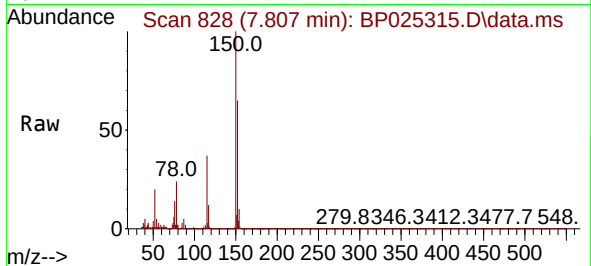




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

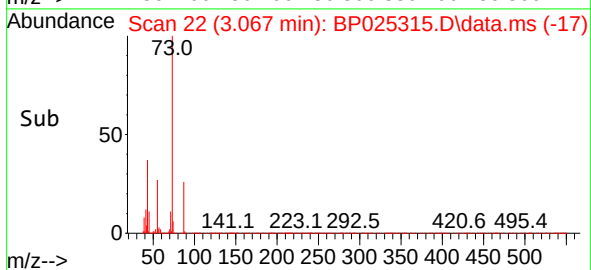
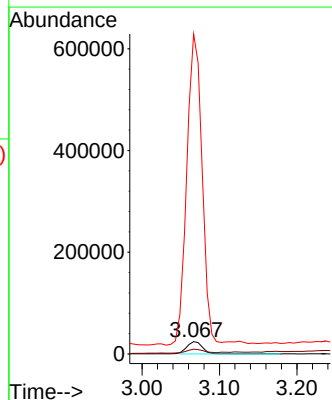
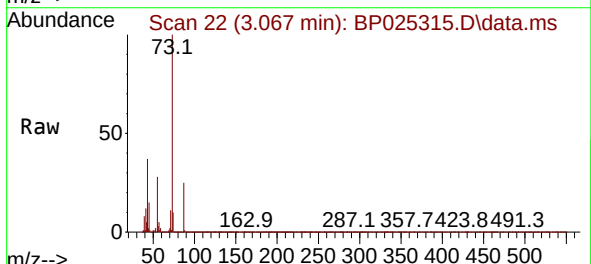
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BNA_P
ClientSampleId :
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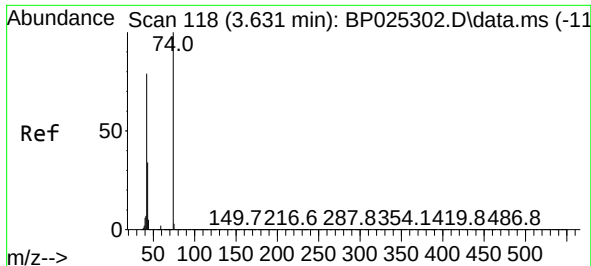
Tgt Ion:152 Resp: 227123
Ion Ratio Lower Upper
152 100
150 154.2 125.1 187.7
115 57.1 48.4 72.6



#2
1,4-Dioxane
Concen: 5.898 ng
RT: 3.067 min Scan# 22
Delta R.T. -0.270 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion: 88 Resp: 32865
Ion Ratio Lower Upper
88 100
58 27.8 61.9 92.9#
43 2425.1 24.2 36.2#

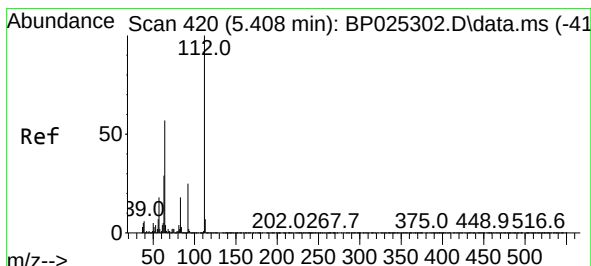
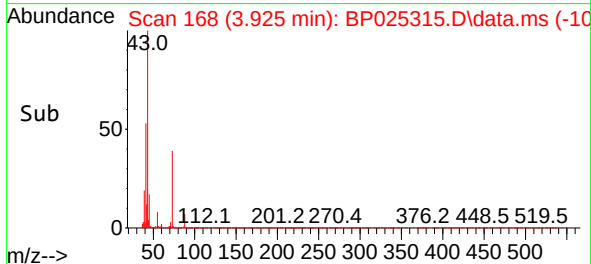
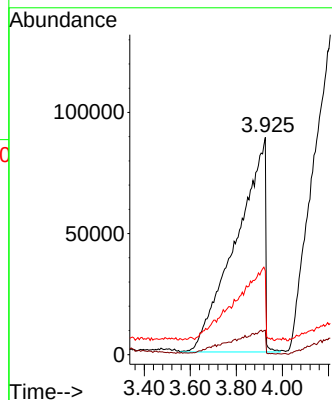
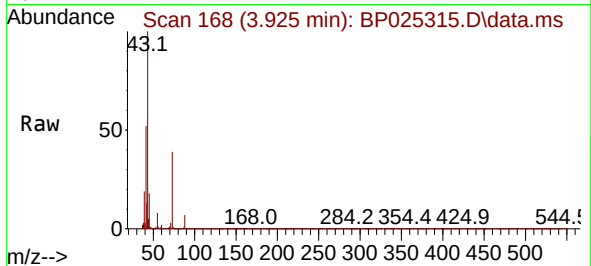




#4
n-Nitrosodimethylamine
Concen: 108.531 ng
RT: 3.925 min Scan# 118
Delta R.T. 0.294 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

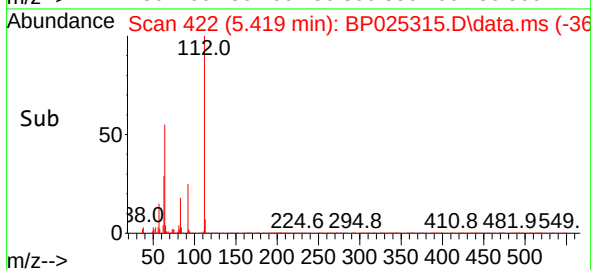
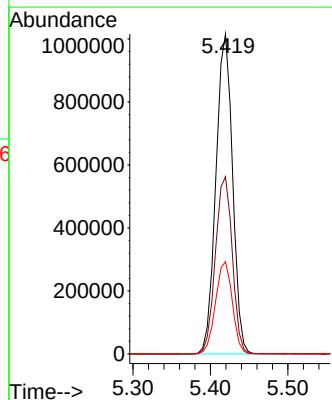
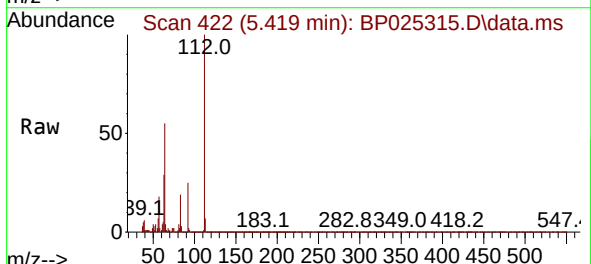
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

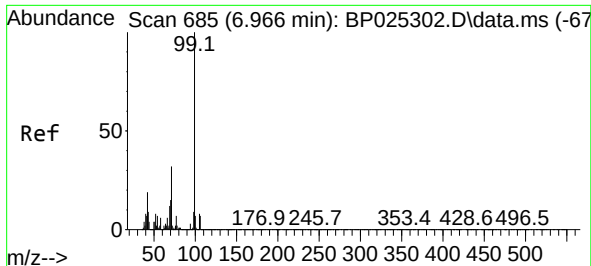
Tgt Ion: 42 Resp: 780117
Ion Ratio Lower Upper
42 100
74 11.3 101.4 152.2#
44 38.6 7.6 11.4#



#5
2-Fluorophenol
Concen: 107.312 ng
RT: 5.419 min Scan# 422
Delta R.T. 0.011 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion: 112 Resp: 1515394
Ion Ratio Lower Upper
112 100
64 55.4 45.3 67.9
63 28.9 23.0 34.6

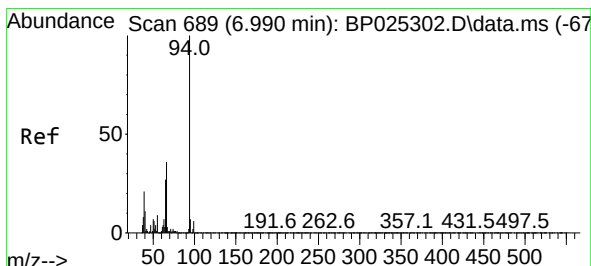
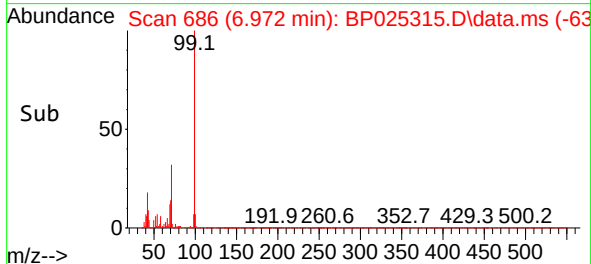
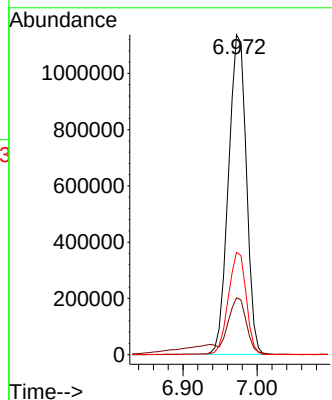
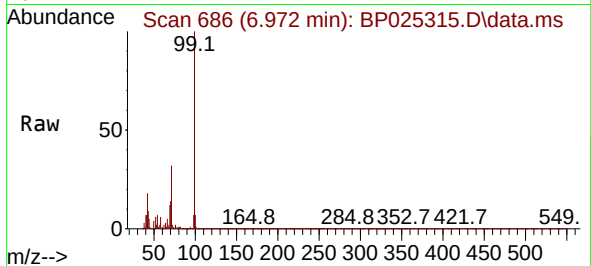




#7
Phenol-d6
Concen: 102.628 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

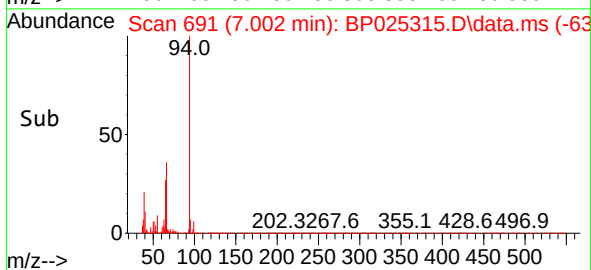
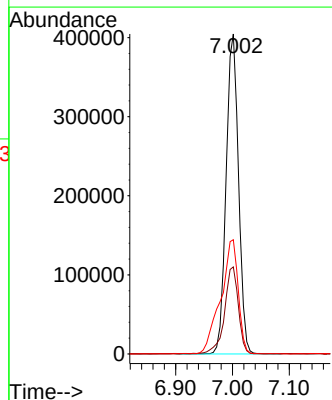
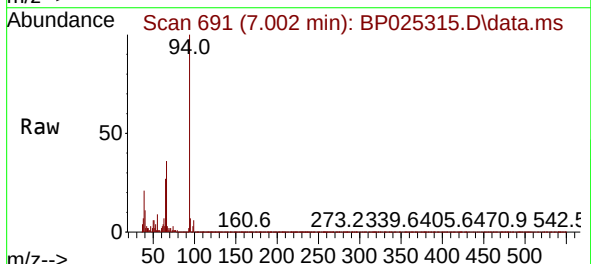
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

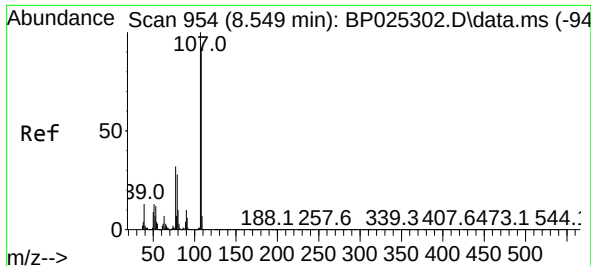
Tgt Ion: 99 Resp: 1907321
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 32.0 25.5 38.3



#10
Phenol
Concen: 30.914 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion: 94 Resp: 614727
Ion Ratio Lower Upper
94 100
65 27.2 7.3 47.3
66 35.7 15.7 55.7

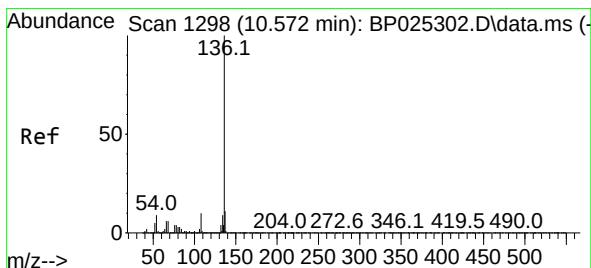
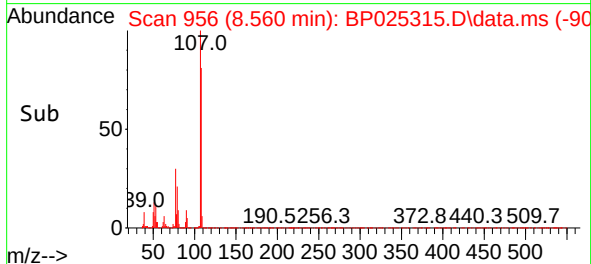
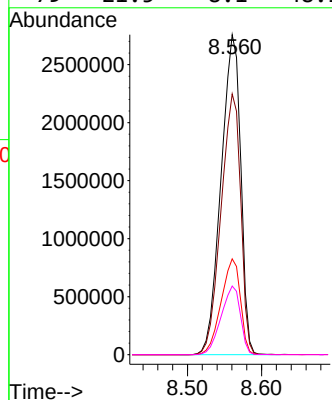
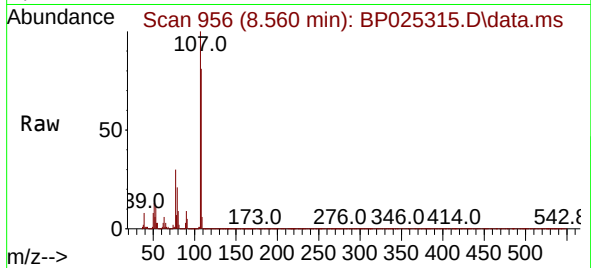




#20
3+4-Methylphenols
Concen: 276.939 ng
RT: 8.560 min Scan# 91
Delta R.T. 0.011 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

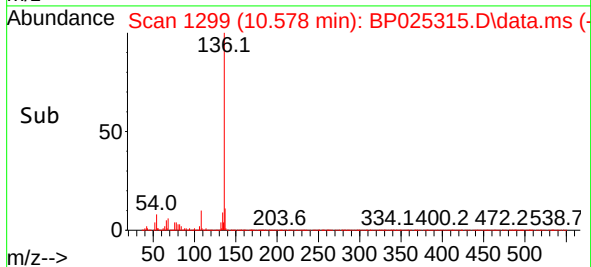
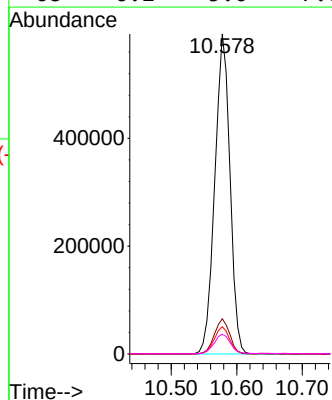
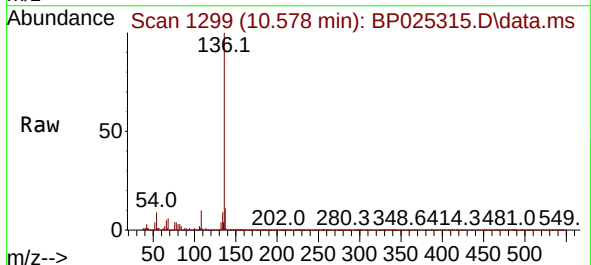
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

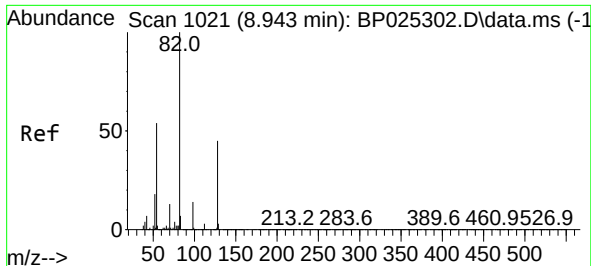
Tgt Ion:107 Resp: 5074076
Ion Ratio Lower Upper
107 100
108 81.5 71.9 111.9
77 30.0 12.0 52.0
79 21.5 8.1 48.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion:136 Resp: 950262
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 7.0 10.6
68 6.2 5.0 7.6

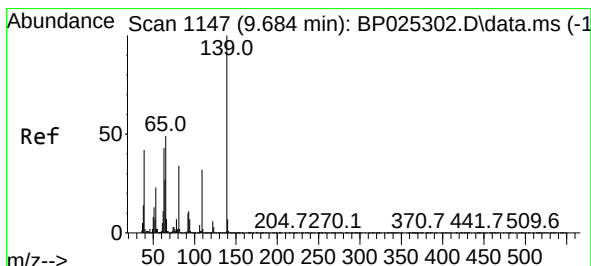
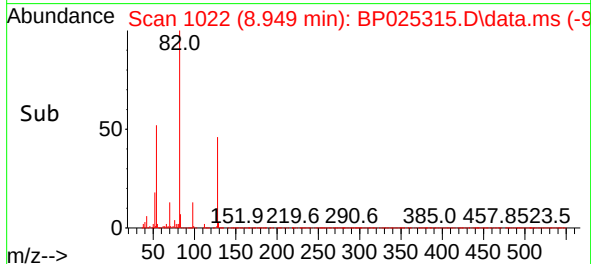
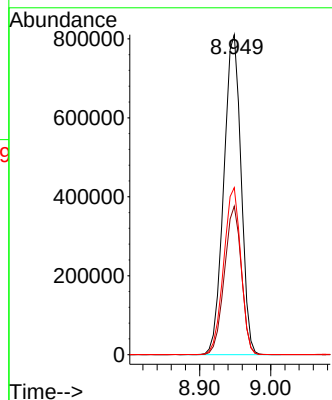
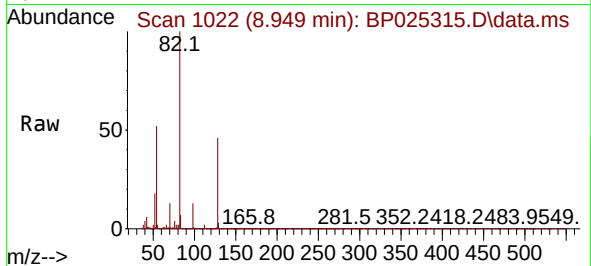




#23
Nitrobenzene-d5
Concen: 79.429 ng
RT: 8.949 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

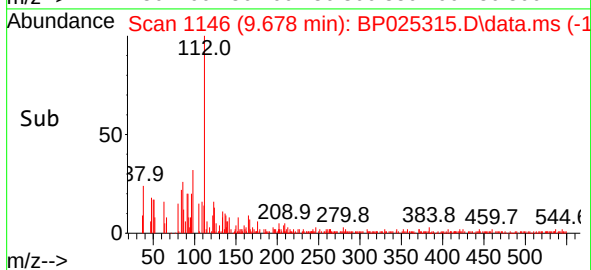
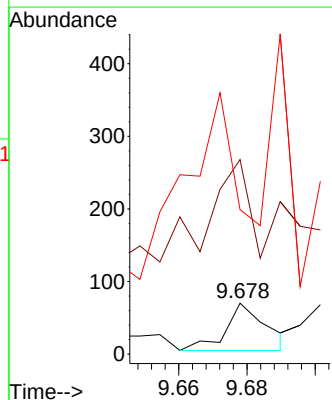
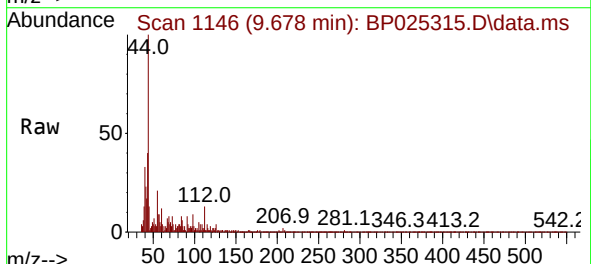
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

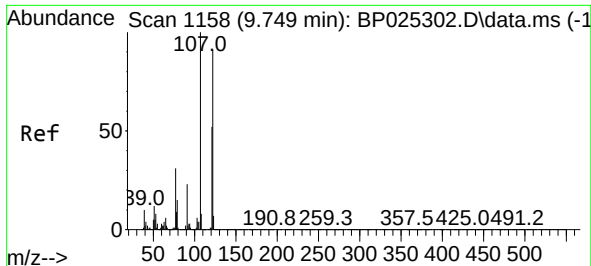
Tgt Ion: 82 Resp: 1362404
Ion Ratio Lower Upper
82 100
128 46.4 35.4 53.2
54 52.2 42.9 64.3



#26
2-Nitrophenol
Concen: 3.645 ng
RT: 9.678 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 382.9 25.2 37.8#
65 284.3 39.6 59.4#





#27

2,4-Dimethylphenol

Concen: 6.071 ng

RT: 9.825 min Scan# 1171

Delta R.T. 0.076 min

Lab File: BP025315.D

Acq: 07 Aug 2025 15:50

Instrument :

BNA_P

ClientSampleId :

SOLID-DRUM

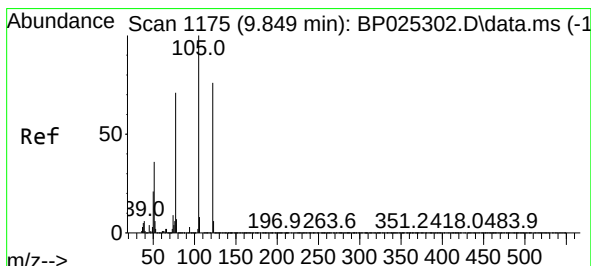
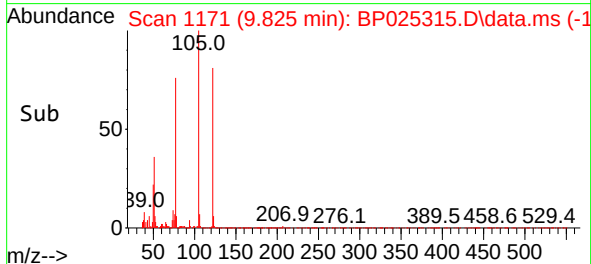
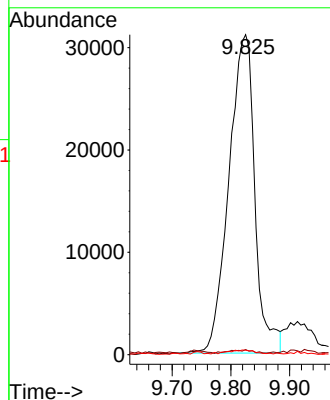
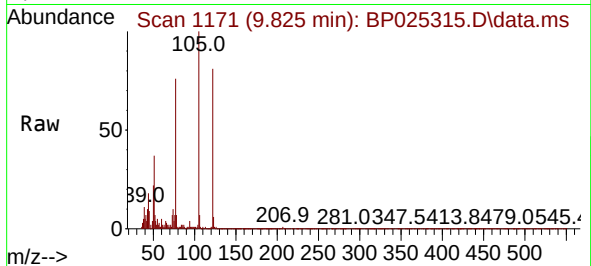
Tgt Ion:122 Resp: 95563

Ion Ratio Lower Upper

122 100

107 1.6 87.4 131.0#

121 1.4 45.8 68.8#



#32

Benzoic acid

Concen: 17.271 ng

RT: 9.825 min Scan# 1171

Delta R.T. -0.024 min

Lab File: BP025315.D

Acq: 07 Aug 2025 15:50

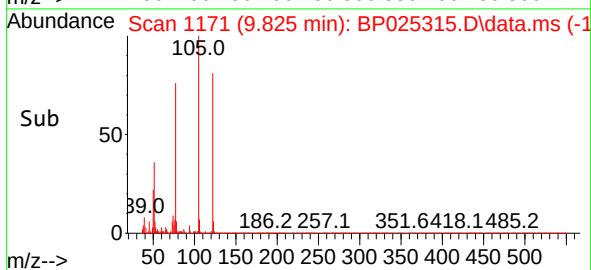
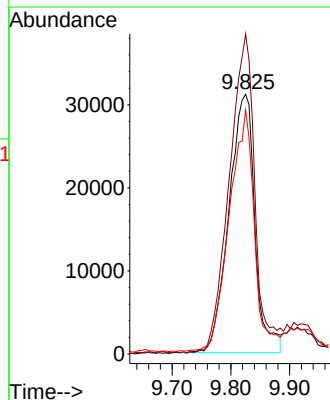
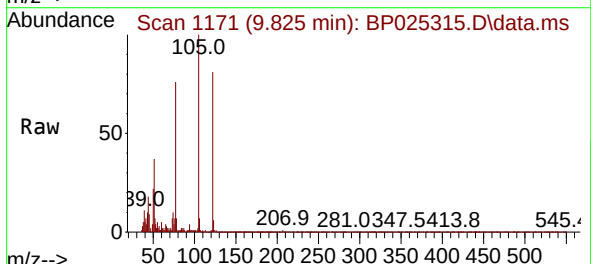
Tgt Ion:122 Resp: 95563

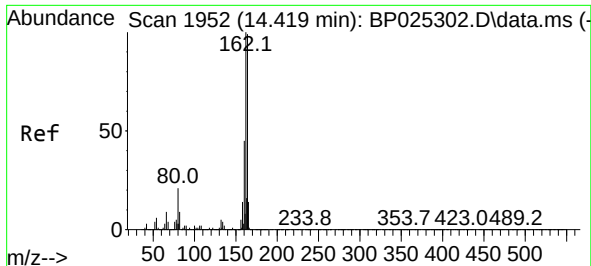
Ion Ratio Lower Upper

122 100

105 123.2 104.0 144.0

77 93.9 71.8 111.8

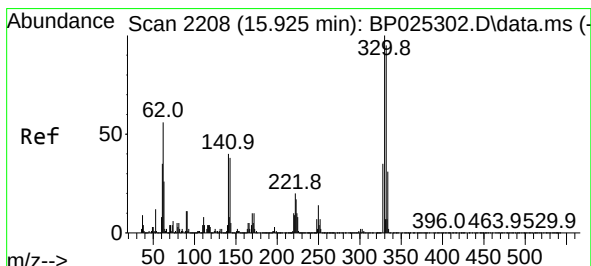
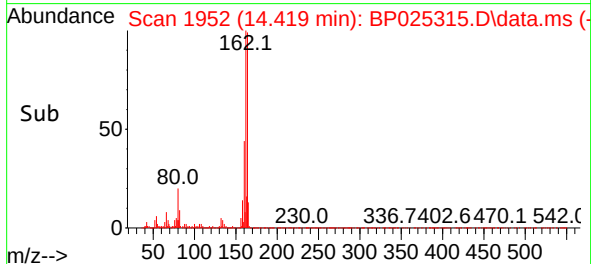
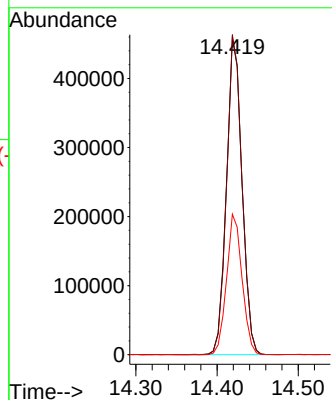
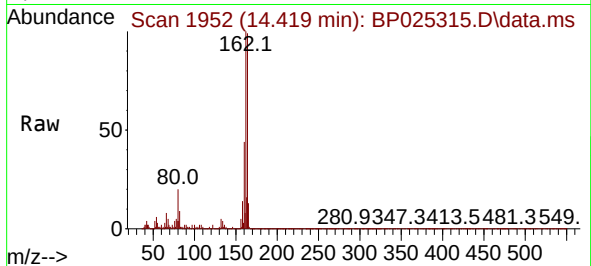




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

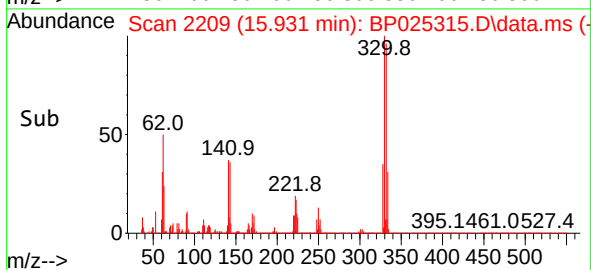
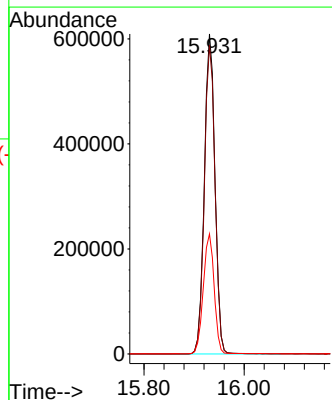
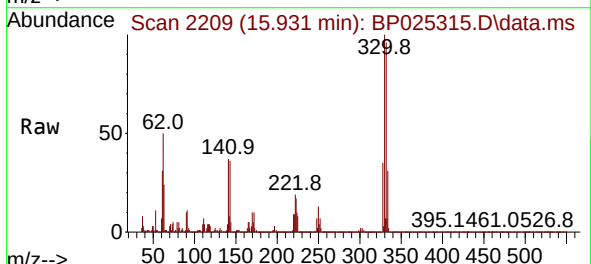
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

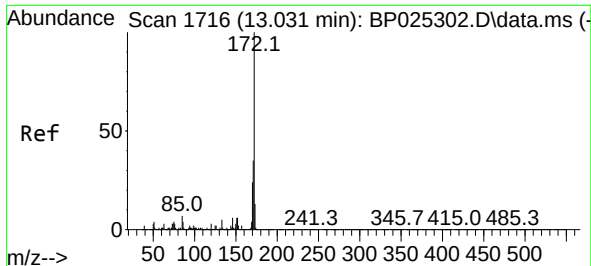
Tgt Ion:164 Resp: 611259
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 147.333 ng
RT: 15.931 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion:330 Resp: 898441
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 38.3 31.7 47.5

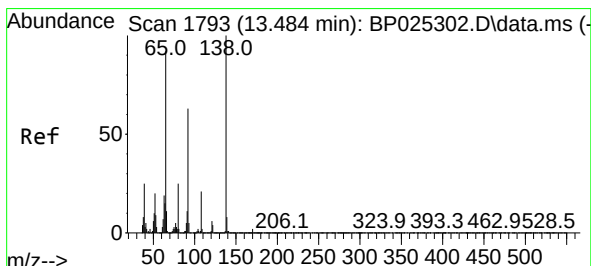
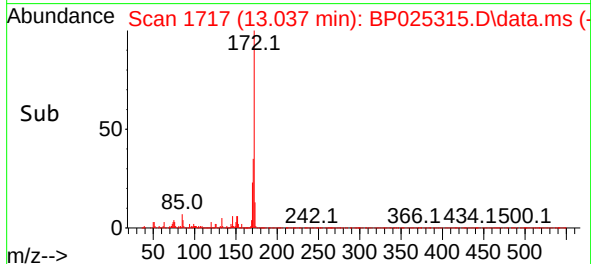
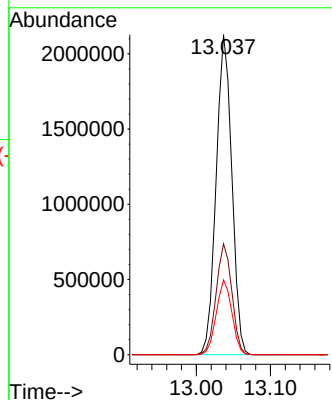
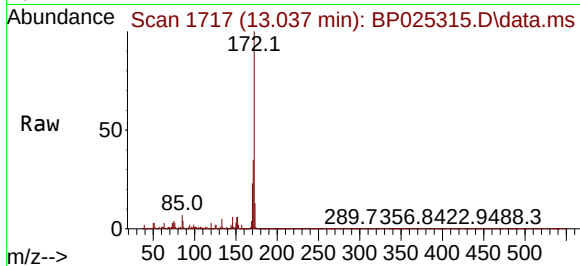




#45
2-Fluorobiphenyl
Concen: 70.492 ng
RT: 13.037 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

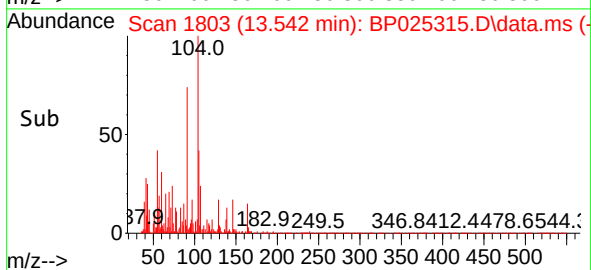
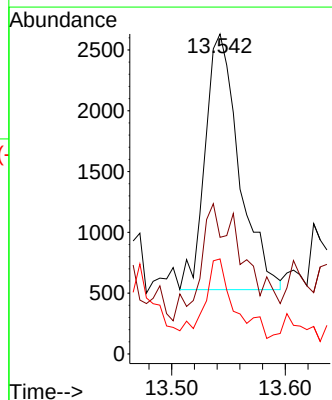
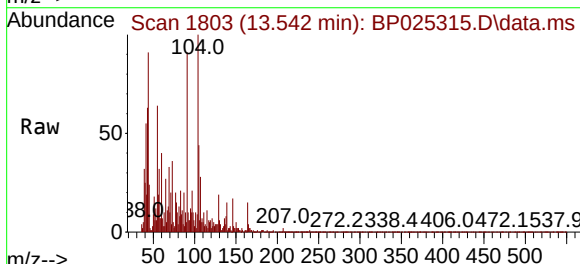
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

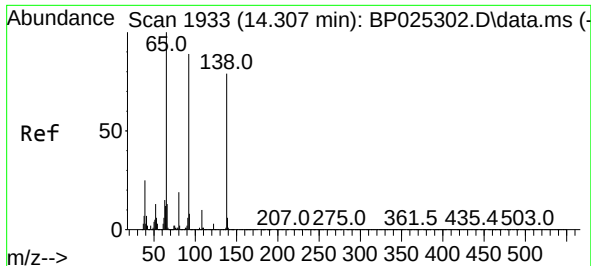
Tgt Ion:172 Resp: 3119669
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 18.9 28.3



#48
2-Nitroaniline
Concen: 3.371 ng
RT: 13.542 min Scan# 1803
Delta R.T. 0.058 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion: 65 Resp: 4365
Ion Ratio Lower Upper
65 100
92 36.5 54.4 81.6#
138 29.7 87.0 130.4#

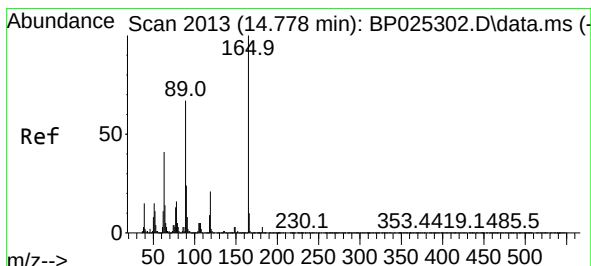
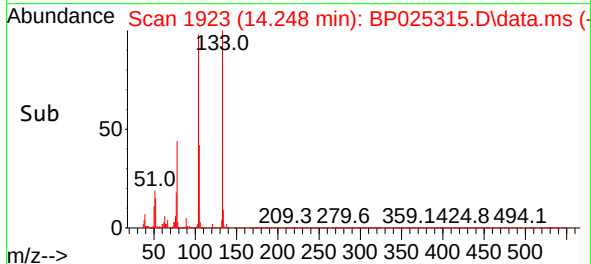
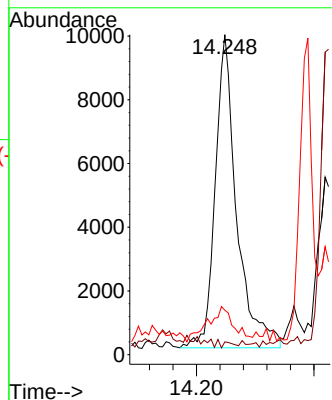
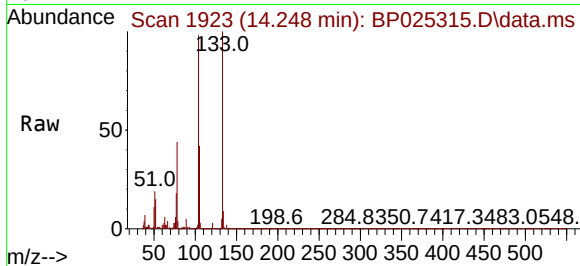




#53
3-Nitroaniline
Concen: 2.591 ng
RT: 14.248 min Scan# 1933
Delta R.T. -0.059 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

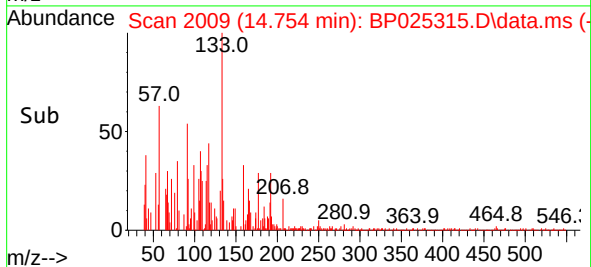
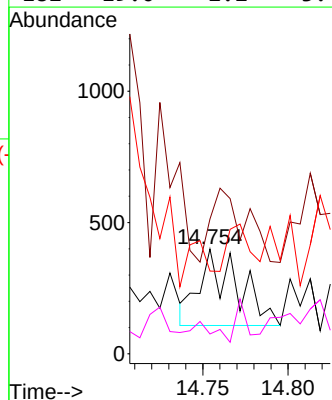
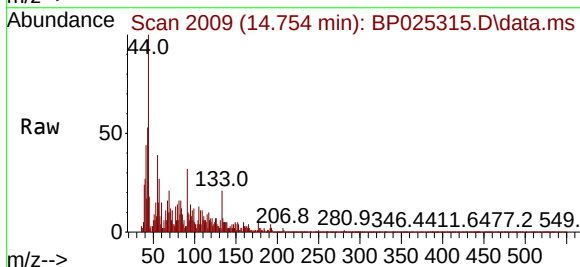
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

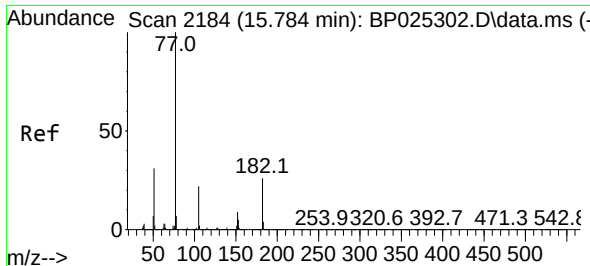
Tgt Ion:138 Resp: 24916
Ion Ratio Lower Upper
138 100
108 4.0 10.5 15.7#
92 13.9 90.9 136.3#



#57
2,4-Dinitrotoluene
Concen: 3.288 ng
RT: 14.754 min Scan# 2009
Delta R.T. -0.024 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion:165 Resp: 453
Ion Ratio Lower Upper
165 100
63 128.6 33.2 49.8#
89 78.9 53.5 80.3
182 19.0 2.2 3.4#

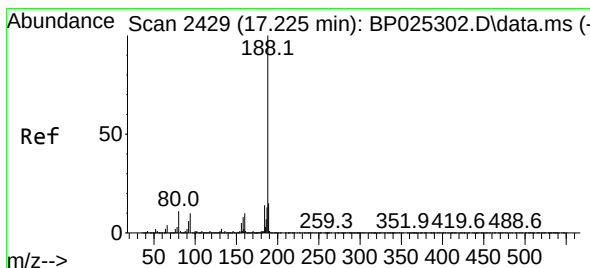
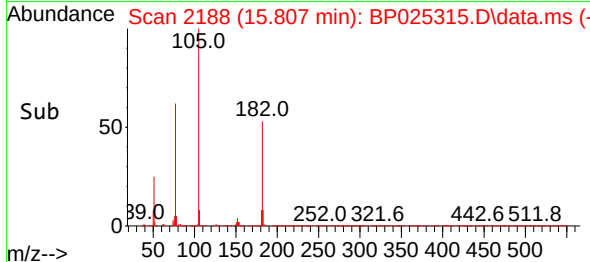
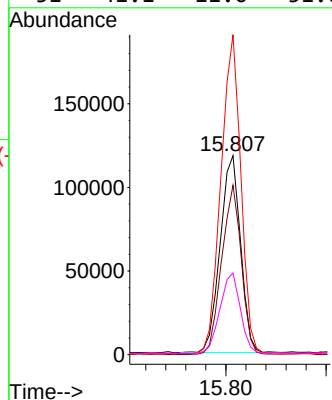
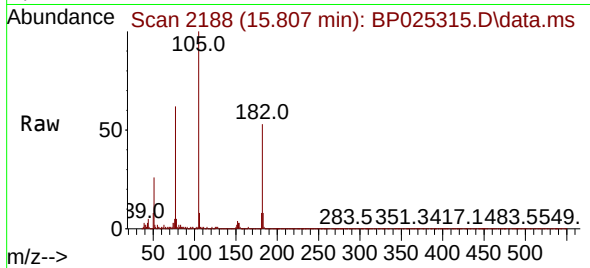




#63
Azobenzene
Concen: 3.982 ng
RT: 15.807 min Scan# 2184
Delta R.T. 0.023 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

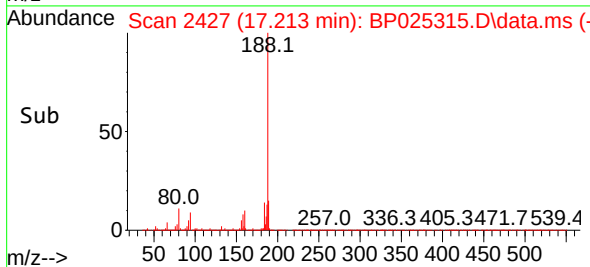
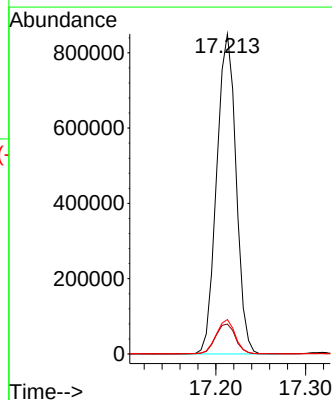
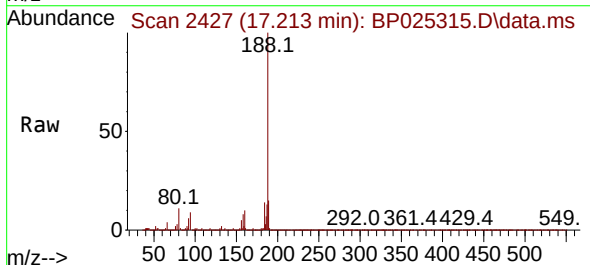
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

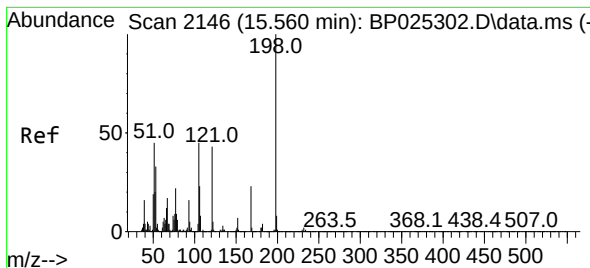
Tgt Ion: 77 Resp: 166185
Ion Ratio Lower Upper
77 100
182 85.1 6.0 46.0#
105 160.8 2.1 42.1#
51 41.1 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion:188 Resp: 1274549
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.8 8.5 12.7

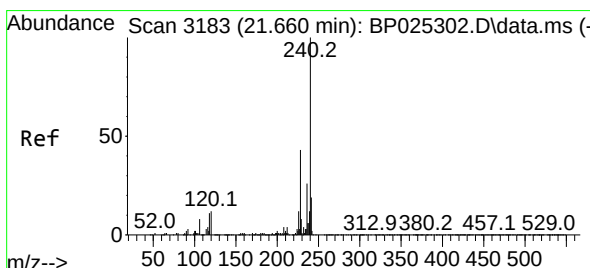
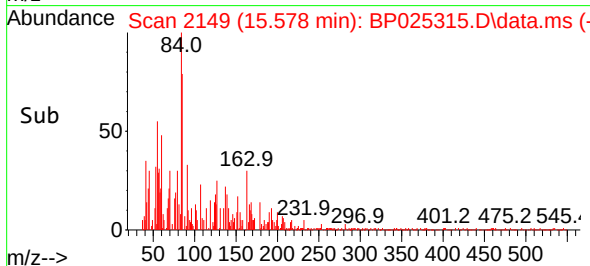
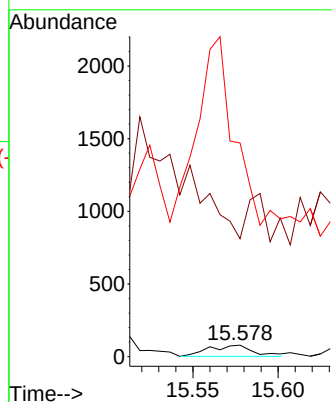
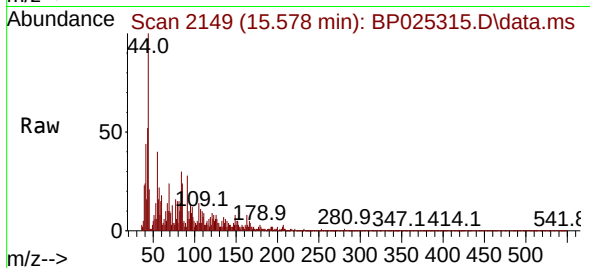




#65
4,6-Dinitro-2-methylphenol
Concen: 4.864 ng
RT: 15.578 min Scan# 2149
Delta R.T. 0.018 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

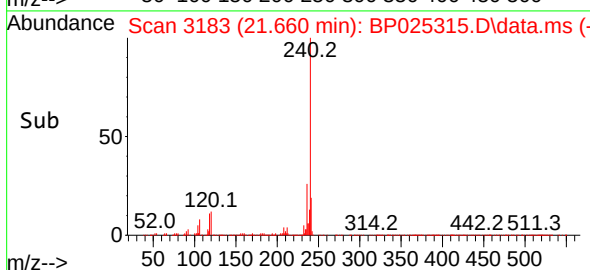
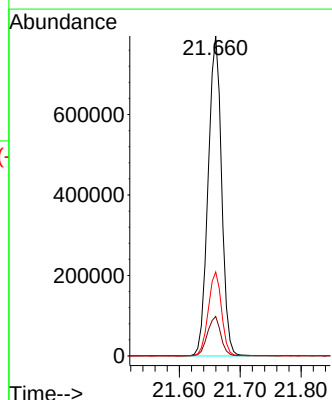
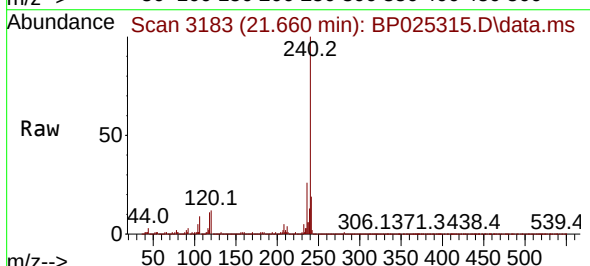
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUM

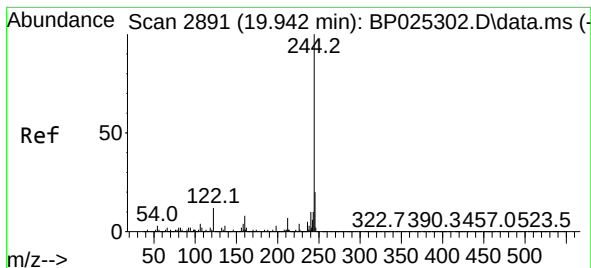
Tgt Ion:198 Resp: 141
Ion Ratio Lower Upper
198 100
51 1026.6 26.7 66.7#
105 1862.0 25.6 65.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025315.D
Acq: 07 Aug 2025 15:50

Tgt Ion:240 Resp: 1216767
Ion Ratio Lower Upper
240 100
120 12.3 9.6 14.4
236 26.2 20.4 30.6





#79

Terphenyl-d14

Concen: 50.808 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.000 min

Lab File: BP025315.D

Acq: 07 Aug 2025 15:50

Instrument :

BNA_P

ClientSampleId :

SOLID-DRUM

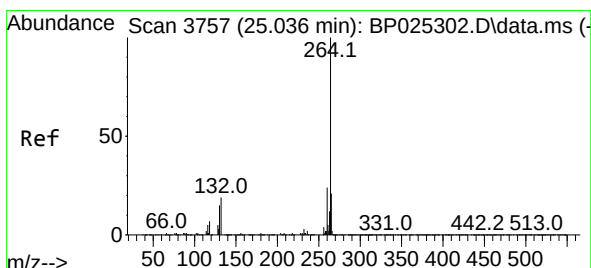
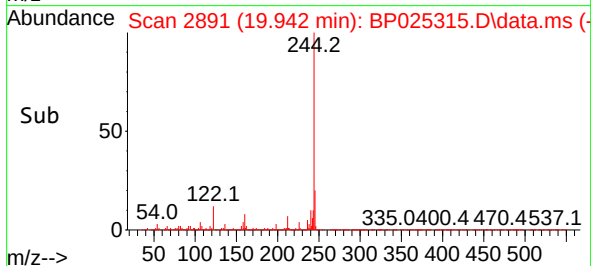
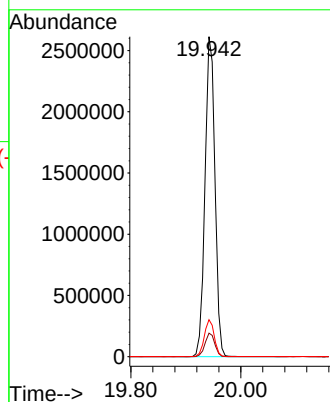
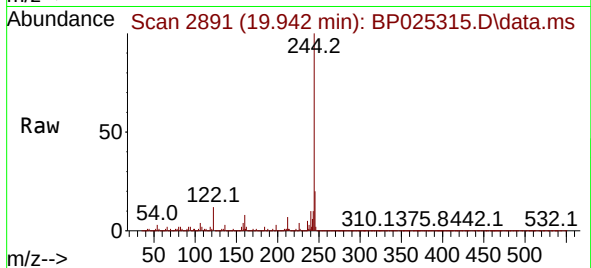
Tgt Ion:244 Resp: 3273110

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.030 min Scan# 3756

Delta R.T. -0.006 min

Lab File: BP025315.D

Acq: 07 Aug 2025 15:50

Tgt Ion:264 Resp: 1319816

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 17.1 25.7

