

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025332.D
 Acq On : 08 Aug 2025 14:30
 Operator : CG/JU
 Sample : Q2759-02DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOLID-DRUMDL

Quant Time: Aug 08 14:49:51 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)

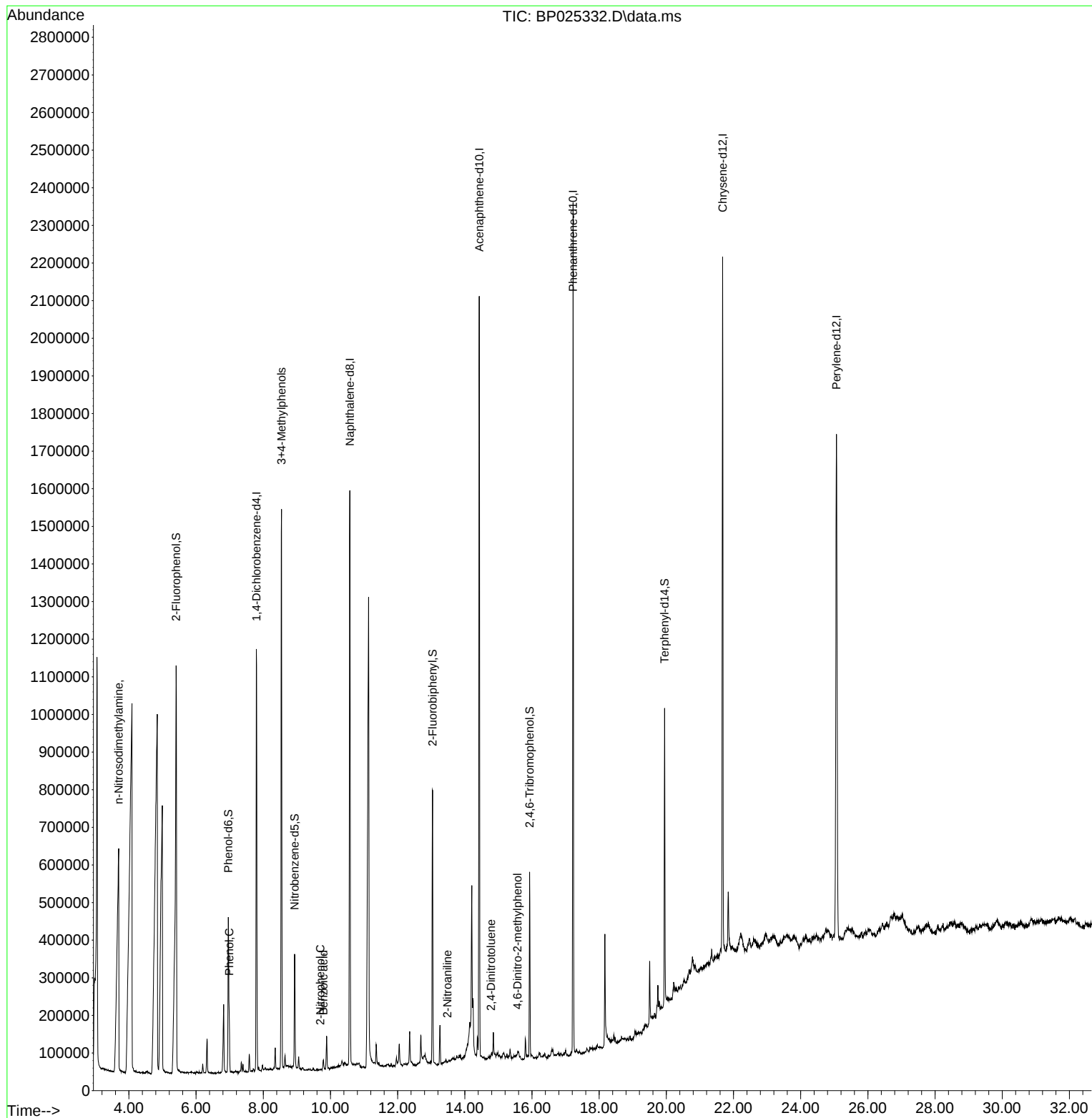
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	317812	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	1234127	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	717730	20.000	ng	0.01
64) Phenanthrene-d10	17.224	188	1200789	20.000	ng	0.00
76) Chrysene-d12	21.677	240	1071297	20.000	ng	0.02
86) Perylene-d12	25.065	264	1324881	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	206586	10.455	ng	0.00
7) Phenol-d6	6.960	99	235667	9.062	ng	0.00
23) Nitrobenzene-d5	8.931	82	173793	7.802	ng	-0.01
42) 2,4,6-Tribromophenol	15.930	330	83741	11.695	ng	0.00
45) 2-Fluorobiphenyl	13.042	172	396530	7.631	ng	0.01
79) Terphenyl-d14	19.948	244	390132	6.878	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.696	42	97709	9.715	ng	# 1
10) Phenol	6.990	94	75364	2.709	ng	96
20) 3+4-Methylphenols	8.543	107	671730	26.201	ng	90
26) 2-Nitrophenol	9.695	139	54	3.644	ng	# 1
32) Benzoic acid	9.790	122	9638	6.899	ng	# 84
48) 2-Nitroaniline	13.484	65	341	2.991	ng	# 68
57) 2,4-Dinitrotoluene	14.778	165	234	3.270	ng	# 45
65) 4,6-Dinitro-2-methylph...	15.566	198	48	4.845	ng	# 1

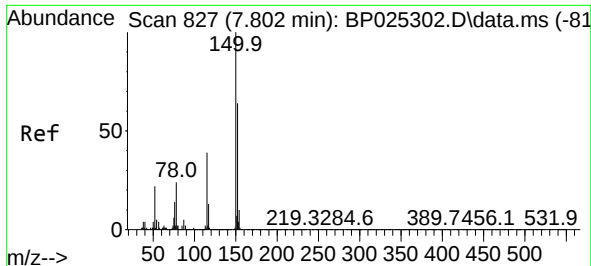
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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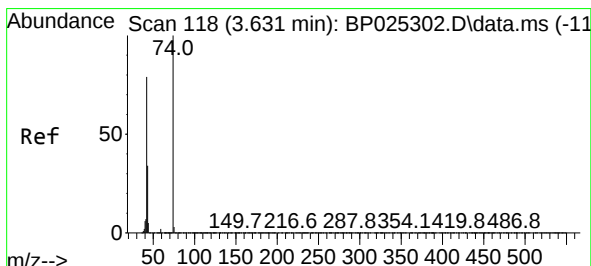
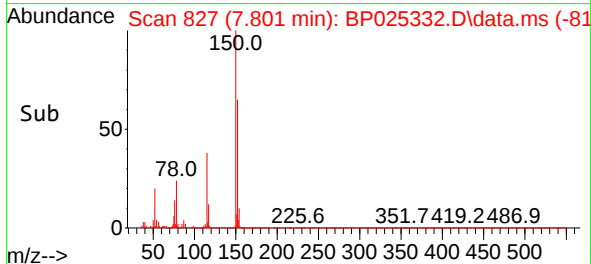
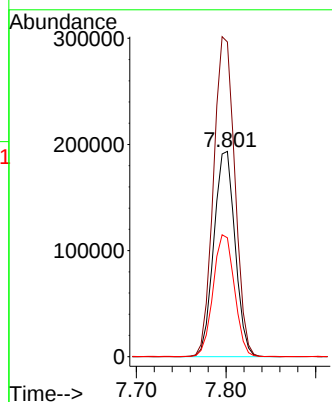
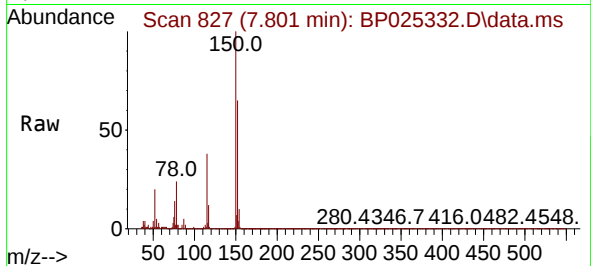




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.801 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

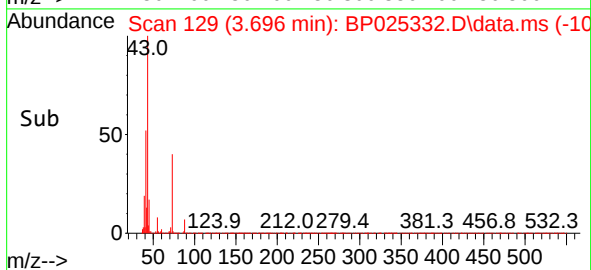
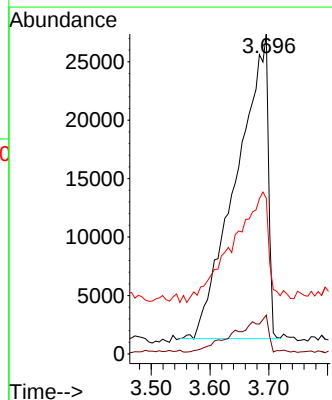
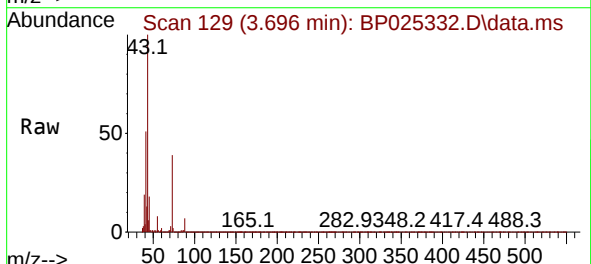
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUMDL

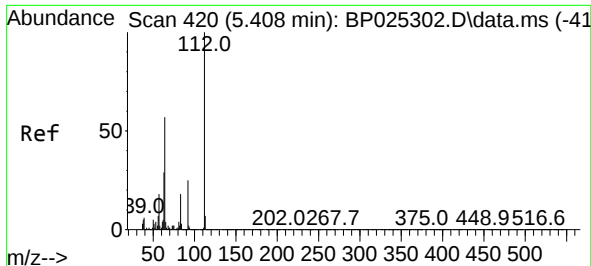
Tgt Ion:152 Resp: 317812
Ion Ratio Lower Upper
152 100
150 153.4 125.1 187.7
115 57.9 48.4 72.6



#4
n-Nitrosodimethylamine
Concen: 9.715 ng
RT: 3.696 min Scan# 129
Delta R.T. 0.065 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

Tgt Ion: 42 Resp: 97709
Ion Ratio Lower Upper
42 100
74 12.1 101.4 152.2#
44 48.7 7.6 11.4#

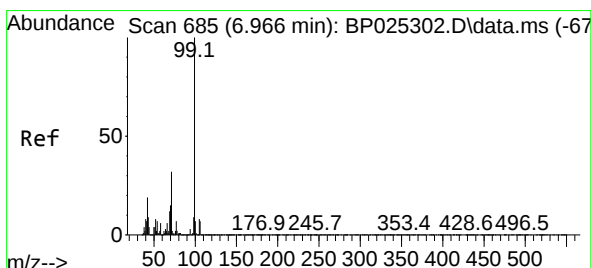
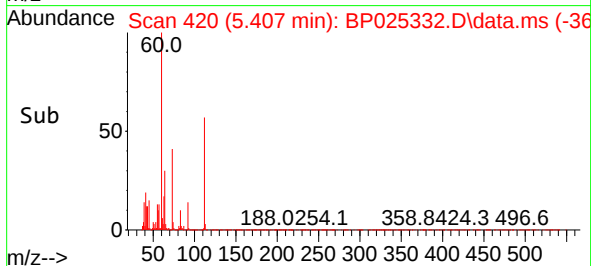
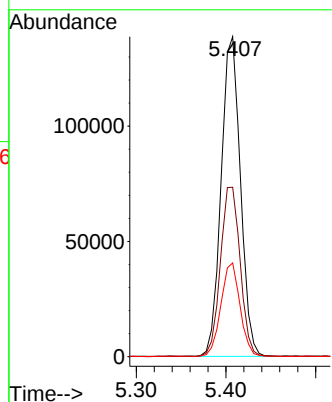
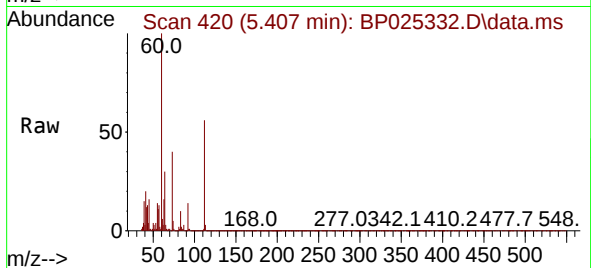




#5
2-Fluorophenol
Concen: 10.455 ng
RT: 5.407 min Scan# 41
Delta R.T. -0.001 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

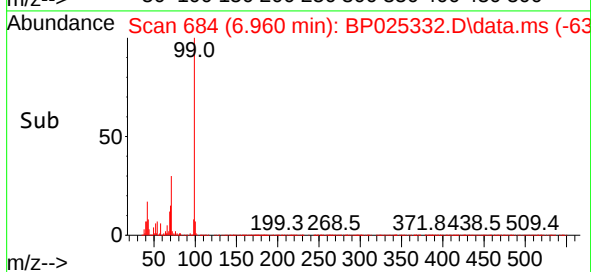
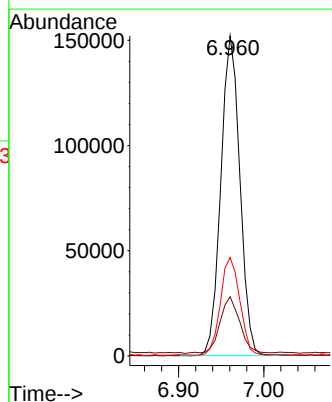
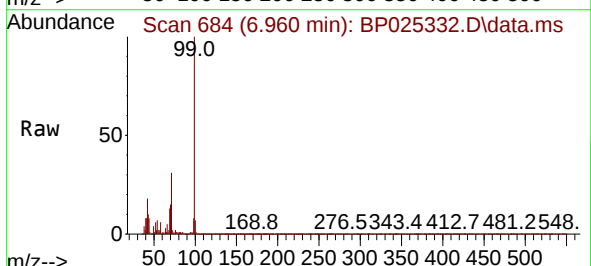
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUMDL

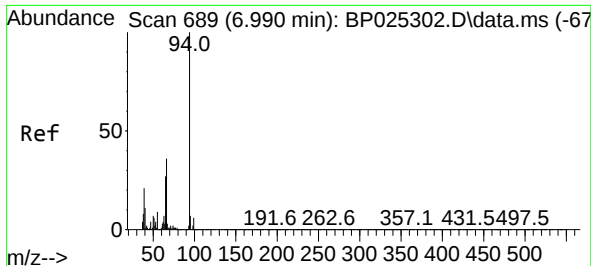
Tgt Ion:112 Resp: 206586
Ion Ratio Lower Upper
112 100
64 53.0 45.3 67.9
63 29.3 23.0 34.6



#7
Phenol-d6
Concen: 9.062 ng
RT: 6.960 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

Tgt Ion: 99 Resp: 235667
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 30.8 25.5 38.3

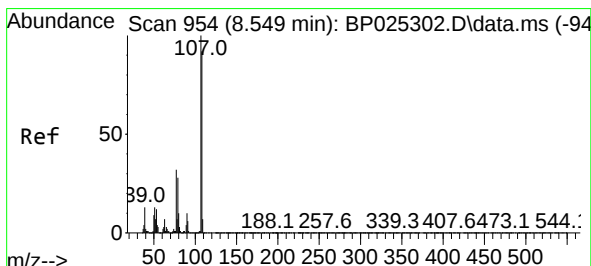
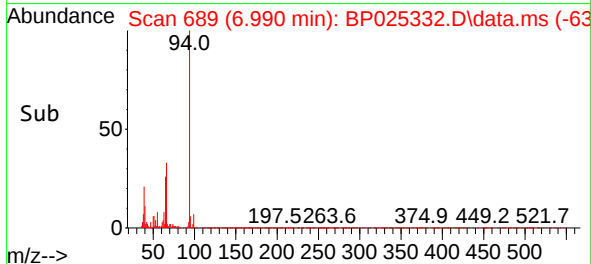
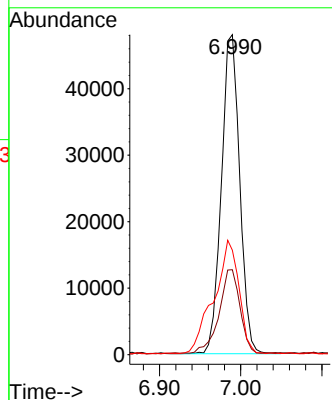
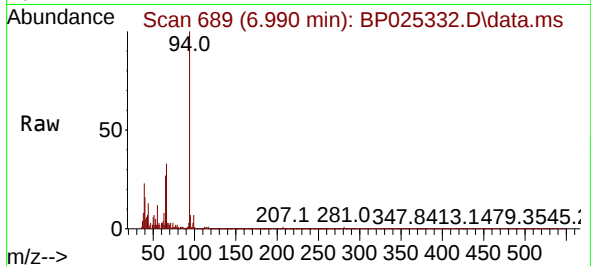




#10
Phenol
Concen: 2.709 ng
RT: 6.990 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

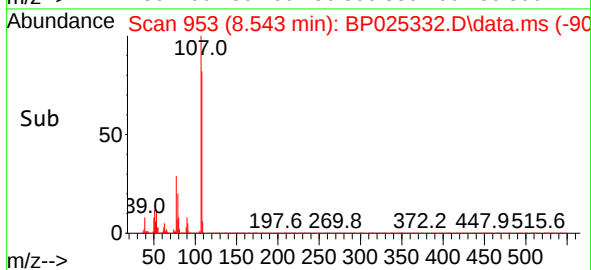
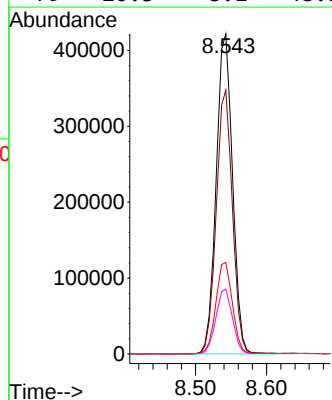
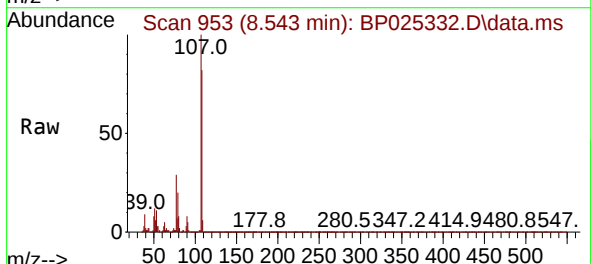
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUMDL

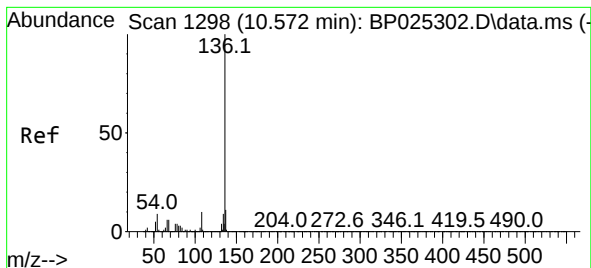
Tgt Ion: 94 Resp: 75364
Ion Ratio Lower Upper
94 100
65 26.6 7.3 47.3
66 32.7 15.7 55.7



#20
3+4-Methylphenols
Concen: 26.201 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

Tgt Ion: 107 Resp: 671730
Ion Ratio Lower Upper
107 100
108 82.5 71.9 111.9
77 28.6 12.0 52.0
79 20.3 8.1 48.1

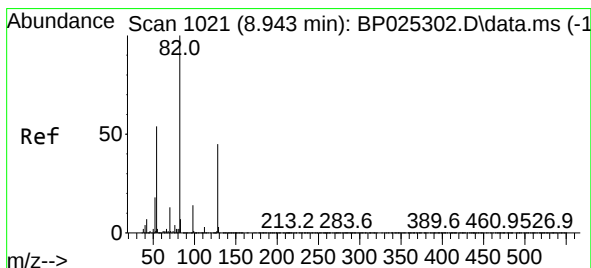
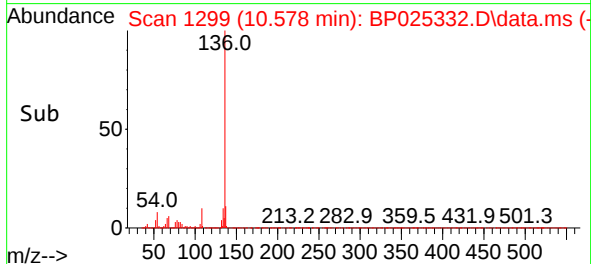
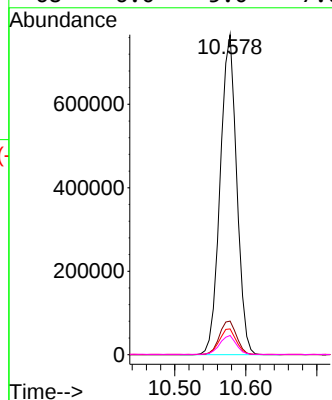
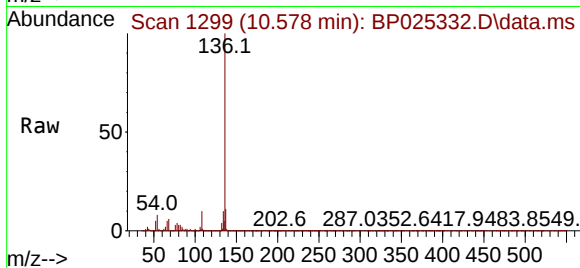




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

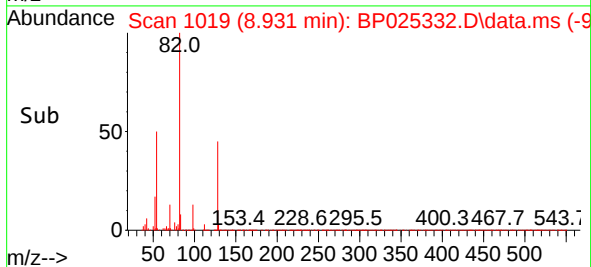
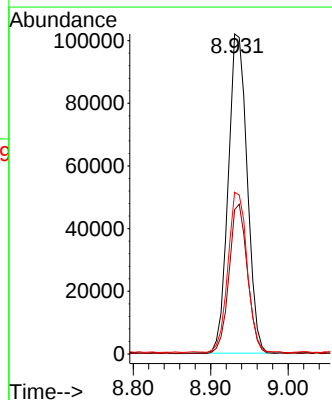
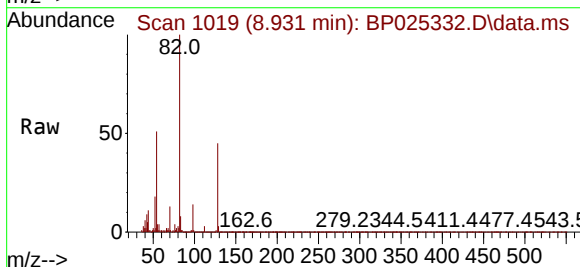
Instrument :
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ClientSampleId :
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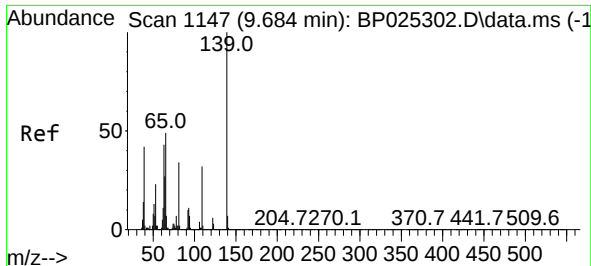
Tgt Ion:136 Resp: 1234127
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.0 7.0 10.6
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 7.802 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

Tgt Ion: 82 Resp: 173793
Ion Ratio Lower Upper
82 100
128 45.1 35.4 53.2
54 50.5 42.9 64.3

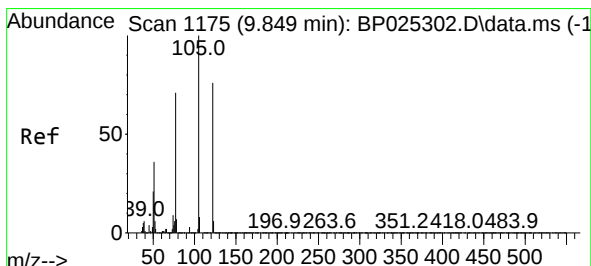
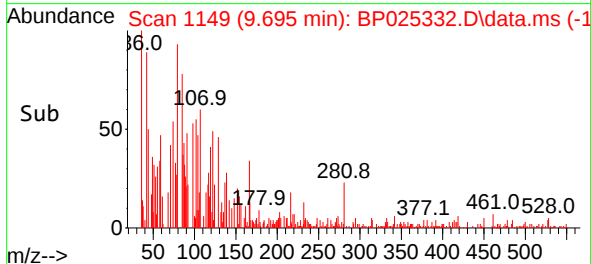
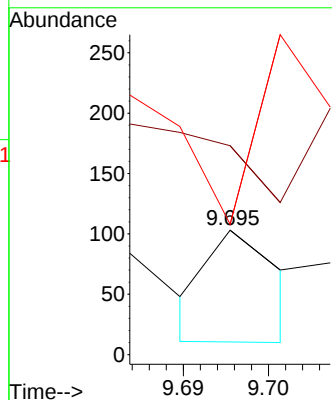
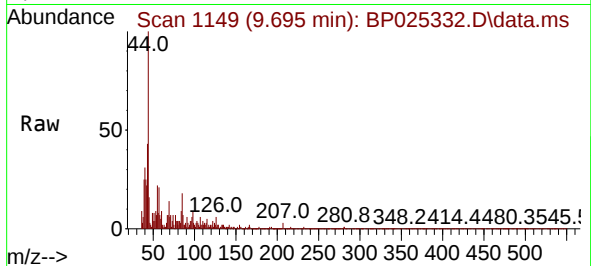




#26
2-Nitrophenol
Concen: 3.644 ng
RT: 9.695 min Scan# 1149
Delta R.T. 0.011 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

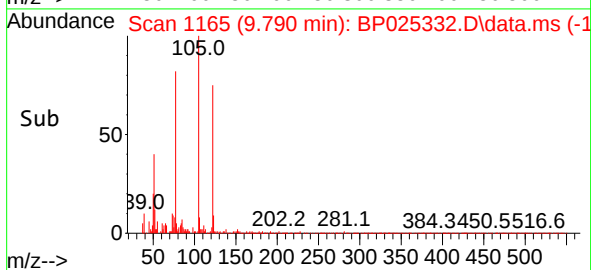
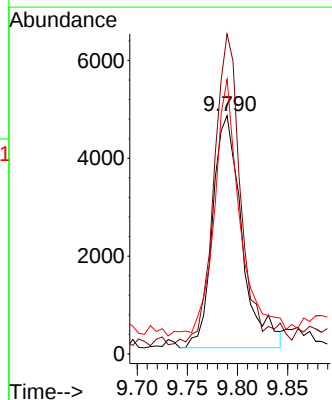
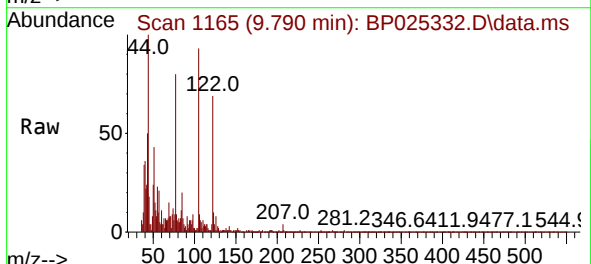
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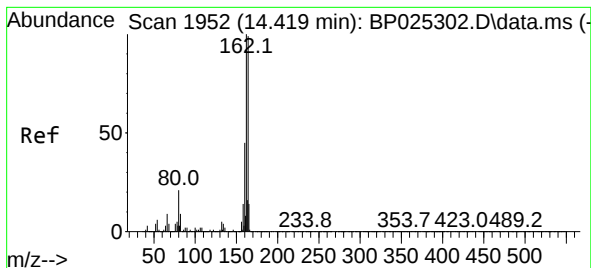
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 168.0 25.2 37.8#
65 104.9 39.6 59.4#



#32
Benzoic acid
Concen: 6.899 ng
RT: 9.790 min Scan# 1165
Delta R.T. -0.059 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

Tgt Ion:122 Resp: 9638
Ion Ratio Lower Upper
122 100
105 134.3 104.0 144.0
77 115.3 71.8 111.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.431 min Scan# 1954

Delta R.T. 0.012 min

Lab File: BP025332.D

Acq: 08 Aug 2025 14:30

Instrument :

BNA_P

ClientSampleId :

SOLID-DRUMDL

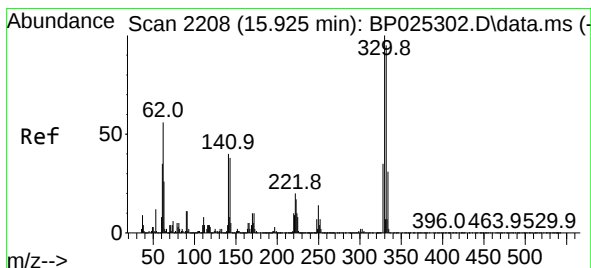
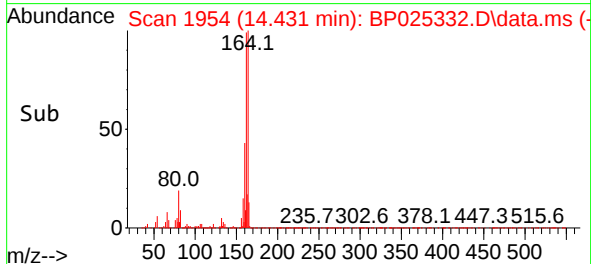
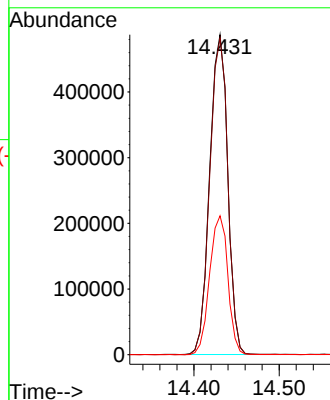
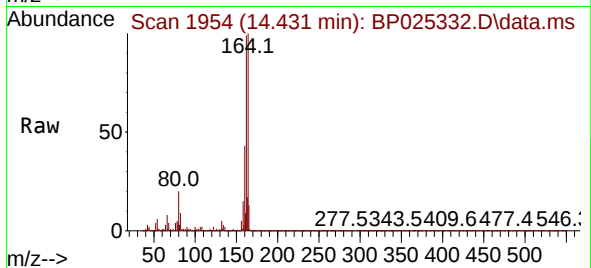
Tgt Ion:164 Resp: 717730

Ion Ratio Lower Upper

164 100

162 98.9 80.6 120.8

160 43.4 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 11.695 ng

RT: 15.930 min Scan# 2209

Delta R.T. 0.005 min

Lab File: BP025332.D

Acq: 08 Aug 2025 14:30

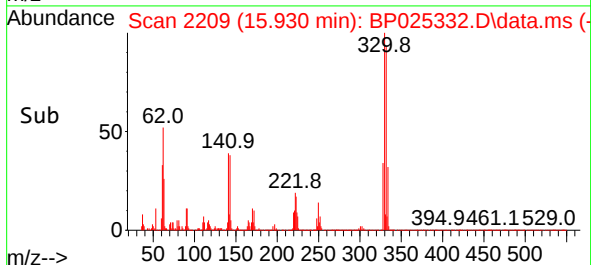
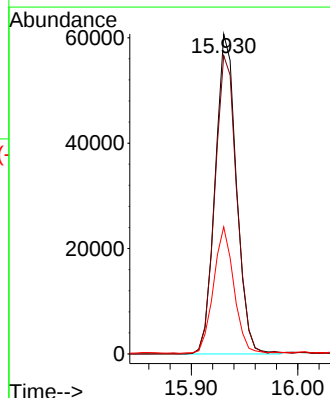
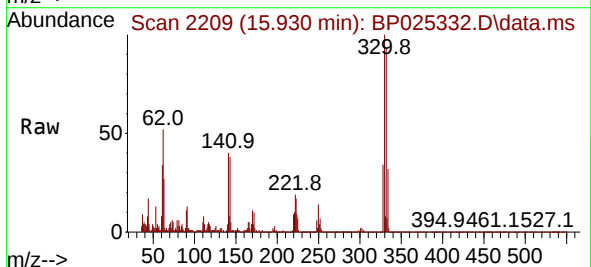
Tgt Ion:330 Resp: 83741

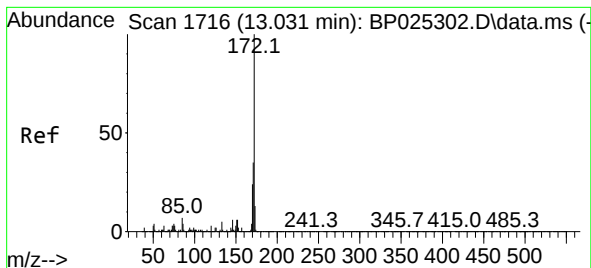
Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 37.9 31.7 47.5





#45

2-Fluorobiphenyl

Concen: 7.631 ng

RT: 13.042 min Scan# 1716

Delta R.T. 0.011 min

Lab File: BP025332.D

Acq: 08 Aug 2025 14:30

Instrument :

BNA_P

ClientSampleId :

SOLID-DRUMDL

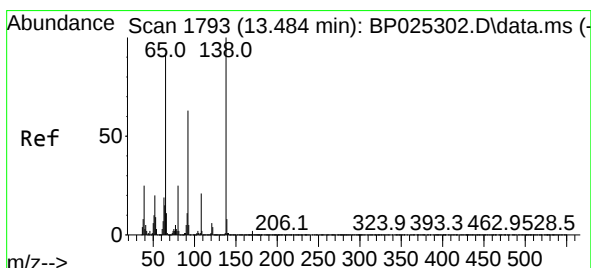
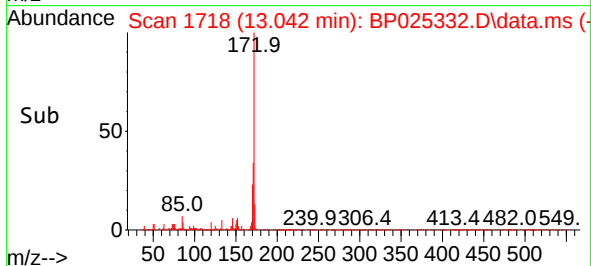
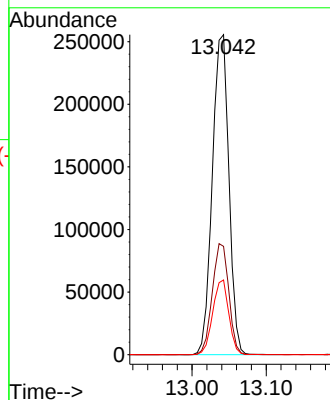
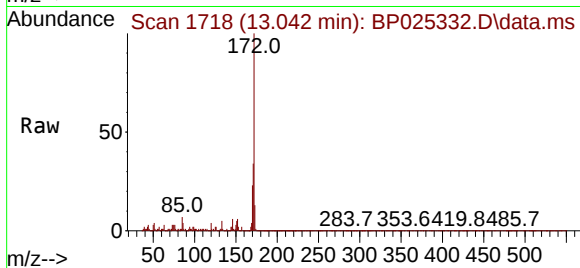
Tgt Ion:172 Resp: 396530

Ion Ratio Lower Upper

172 100

171 33.9 27.9 41.9

170 23.3 18.9 28.3



#48

2-Nitroaniline

Concen: 2.991 ng

RT: 13.484 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BP025332.D

Acq: 08 Aug 2025 14:30

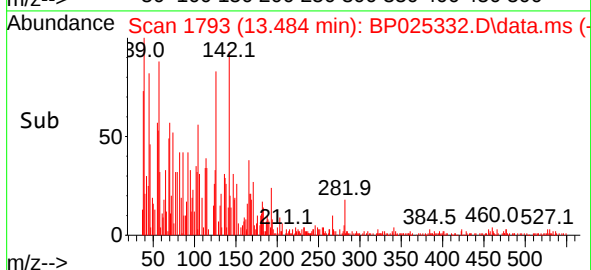
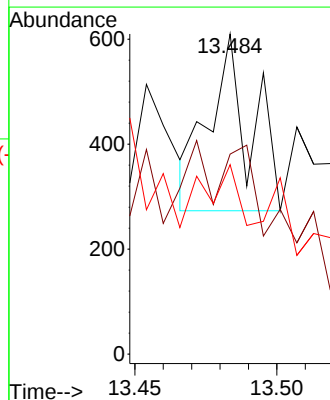
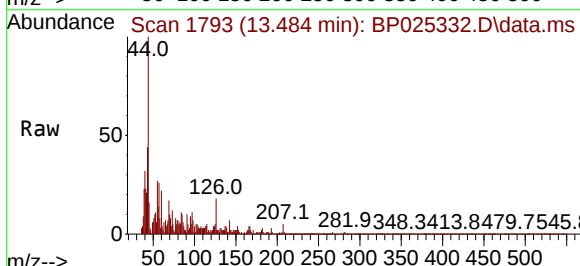
Tgt Ion: 65 Resp: 341

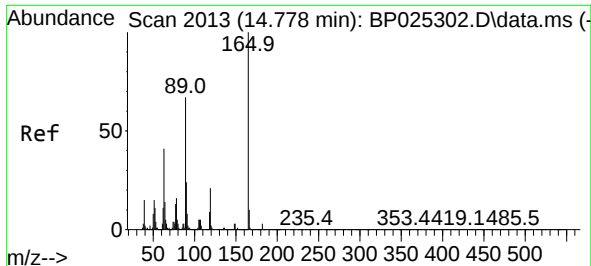
Ion Ratio Lower Upper

65 100

92 62.5 54.4 81.6

138 59.2 87.0 130.4#

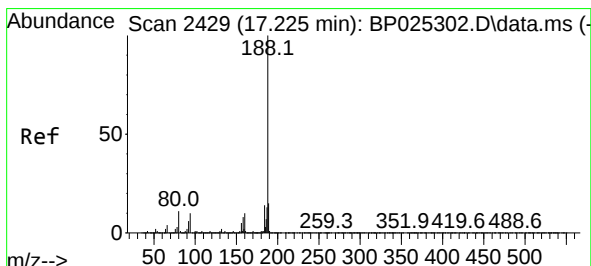
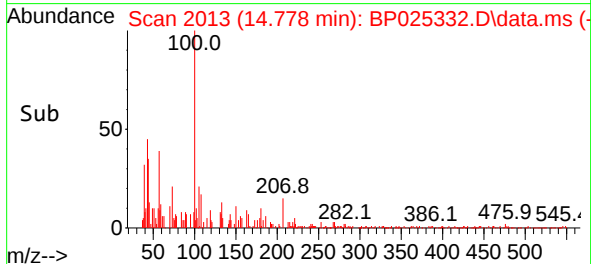
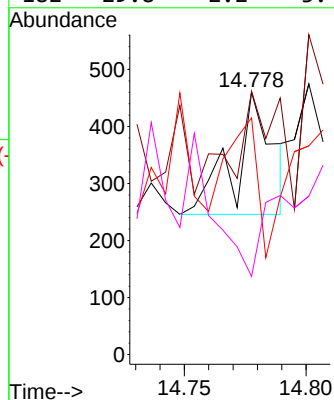
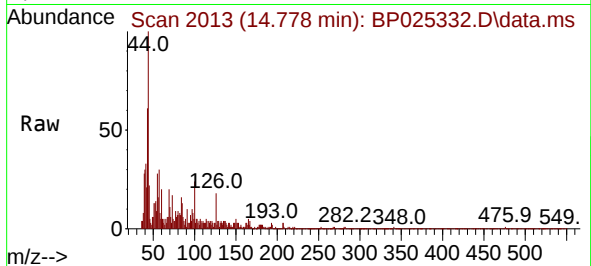




#57
2,4-Dinitrotoluene
Concen: 3.270 ng
RT: 14.778 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

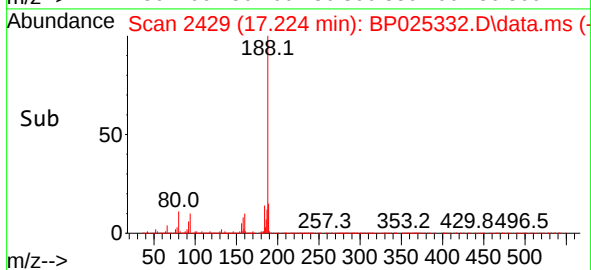
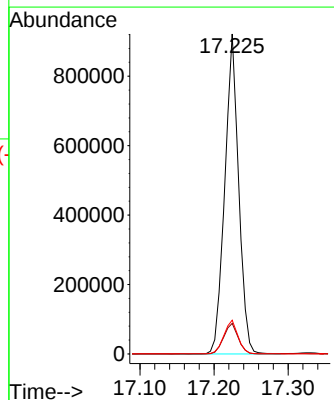
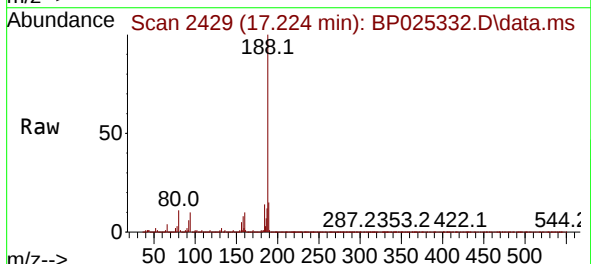
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUMDL

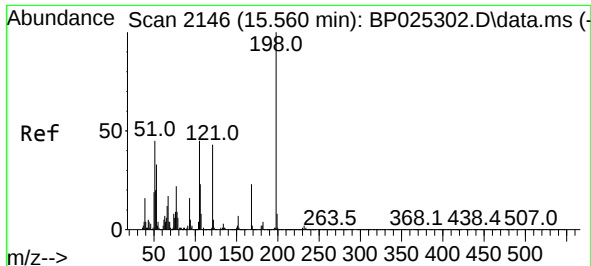
Tgt Ion:165 Resp: 234
Ion Ratio Lower Upper
165 100
63 100.4 33.2 49.8#
89 90.2 53.5 80.3#
182 29.8 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2429
Delta R.T. -0.001 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

Tgt Ion:188 Resp: 1200789
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.6 8.5 12.7

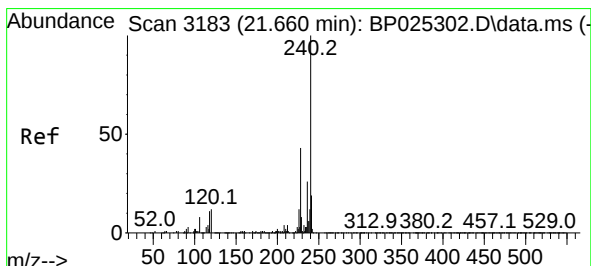
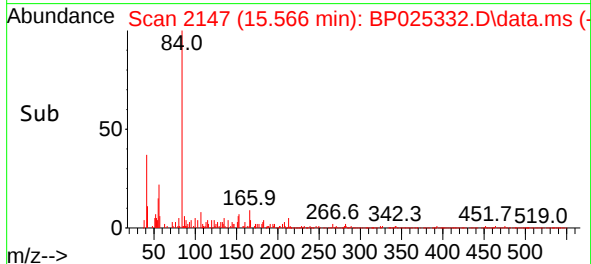
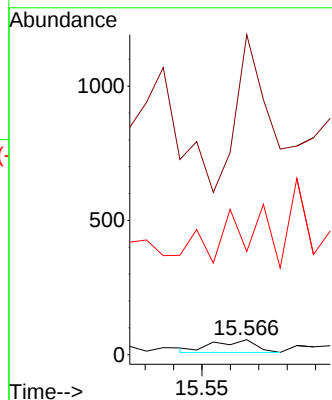
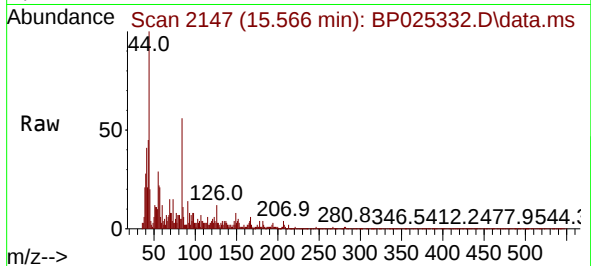




#65
4,6-Dinitro-2-methylphenol
Concen: 4.845 ng
RT: 15.566 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

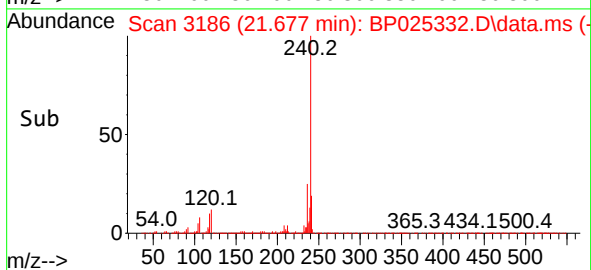
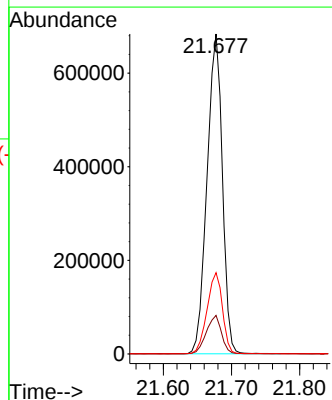
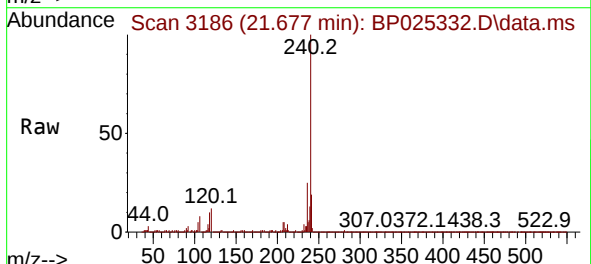
Instrument :
BNA_P
ClientSampleId :
SOLID-DRUMDL

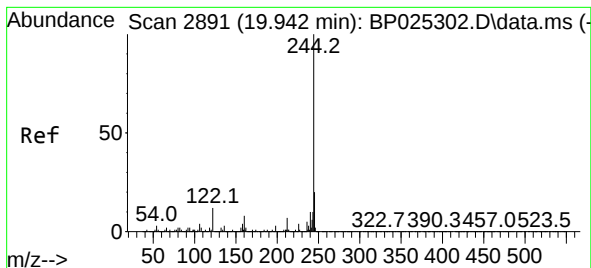
Tgt Ion:198 Resp: 48
Ion Ratio Lower Upper
198 100
51 2128.6 26.7 66.7#
105 685.7 25.6 65.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.677 min Scan# 3186
Delta R.T. 0.017 min
Lab File: BP025332.D
Acq: 08 Aug 2025 14:30

Tgt Ion:240 Resp: 1071297
Ion Ratio Lower Upper
240 100
120 12.1 9.6 14.4
236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 6.878 ng

RT: 19.948 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025332.D

Acq: 08 Aug 2025 14:30

Instrument :

BNA_P

ClientSampleId :

SOLID-DRUMDL

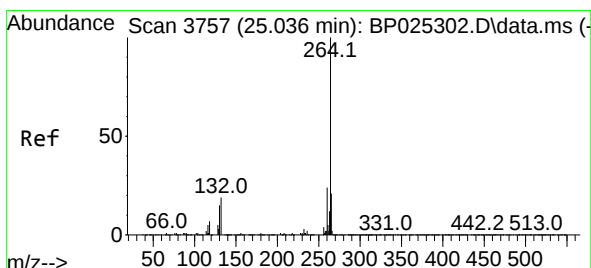
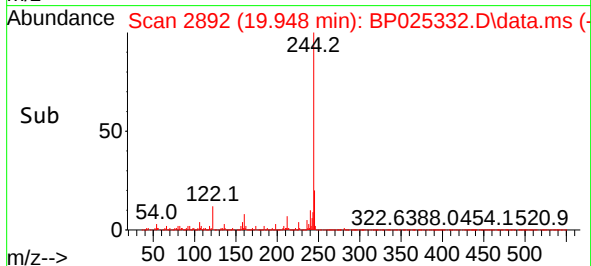
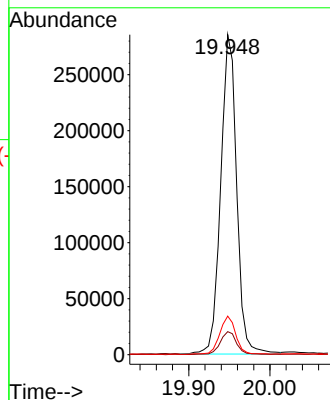
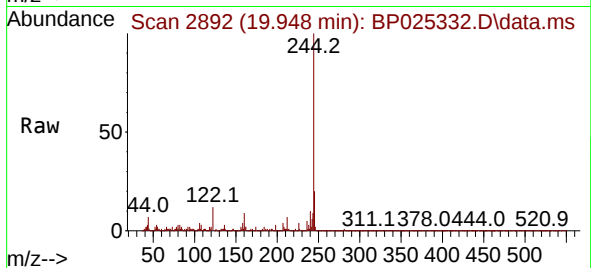
Tgt Ion:244 Resp: 390132

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 12.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.065 min Scan# 3762

Delta R.T. 0.029 min

Lab File: BP025332.D

Acq: 08 Aug 2025 14:30

Tgt Ion:264 Resp: 1324881

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 17.1 25.7

