

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
 Data File : BP025188.D
 Acq On : 18 Jul 2025 11:45
 Operator : CG/JU
 Sample : PB168899BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168899BL

Quant Time: Jul 18 12:05:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

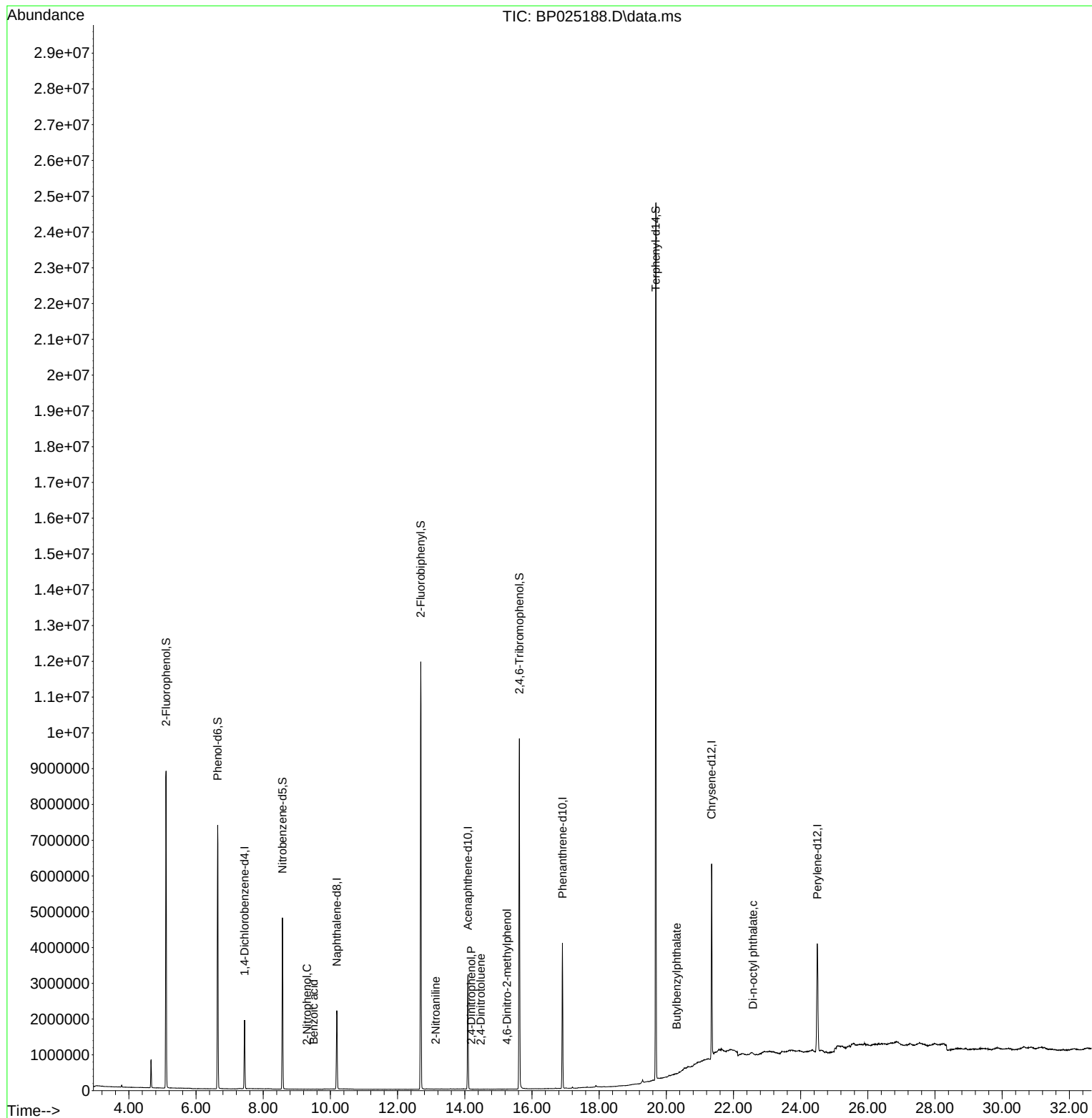
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	553879	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2101074	20.000	ng	0.00
39) Acenaphthene-d10	14.096	164	1259296	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2420255	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2857319	20.000	ng	0.00
86) Perylene-d12	24.495	264	2954838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4080933	130.548	ng	0.01
7) Phenol-d6	6.643	99	4237679	103.881	ng	0.01
23) Nitrobenzene-d5	8.572	82	2585008	81.823	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2277728	153.109	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6786204	83.483	ng	0.00
79) Terphenyl-d14	19.689	244	10951434	84.236	ng	0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.302	139	40	3.304	ng	# 1
32) Benzoic acid	9.502	122	771	6.234	ng	# 26
48) 2-Nitroaniline	13.137	65	141	2.772	ng	# 45
54) 2,4-Dinitrophenol	14.190	184	32	5.389	ng	# 1
57) 2,4-Dinitrotoluene	14.478	165	223	2.645	ng	# 76
65) 4,6-Dinitro-2-methylph...	15.260	198	9	5.579	ng	# 1
80) Butylbenzylphthalate	20.307	149	1881	3.707	ng	# 86
85) Di-n-octyl phthalate	22.583	149	1039	6.104	ng	# 50

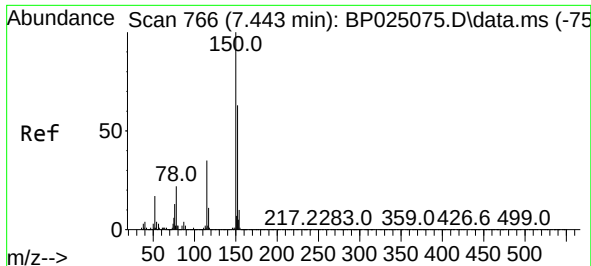
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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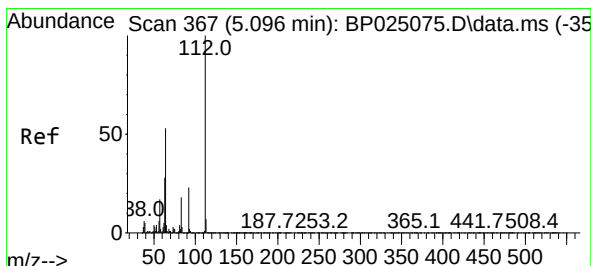
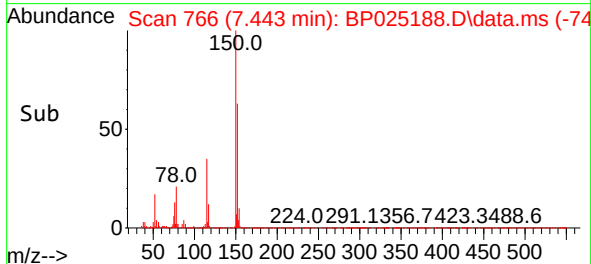
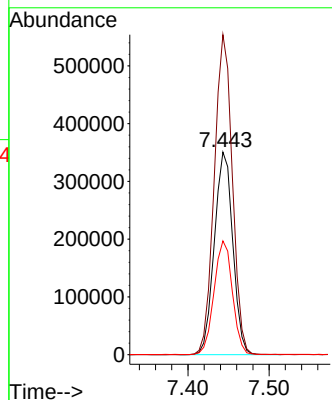
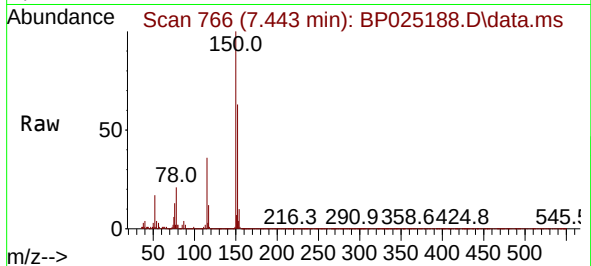




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BP025188.D
 Acq: 18 Jul 2025 11:45

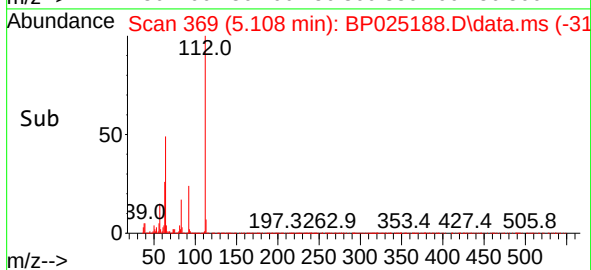
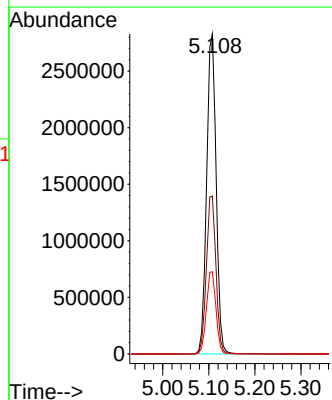
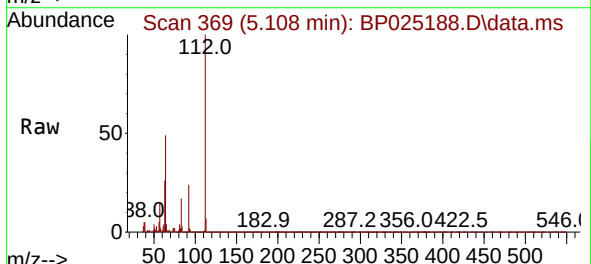
Instrument :
 BNA_P
 ClientSampleId :
 PB168899BL

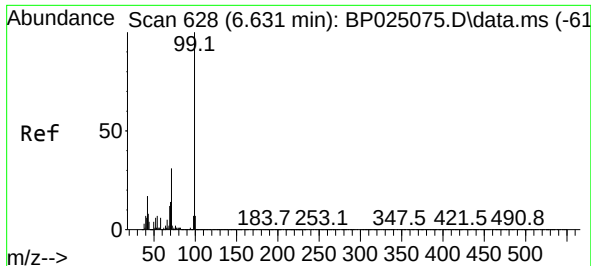
Tgt Ion:152 Resp: 553879
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.1 189.1
 115 56.1 44.3 66.5



#5
 2-Fluorophenol
 Concen: 130.548 ng
 RT: 5.108 min Scan# 369
 Delta R.T. 0.012 min
 Lab File: BP025188.D
 Acq: 18 Jul 2025 11:45

Tgt Ion:112 Resp: 4080933
 Ion Ratio Lower Upper
 112 100
 64 49.4 42.0 63.0
 63 25.7 22.2 33.2

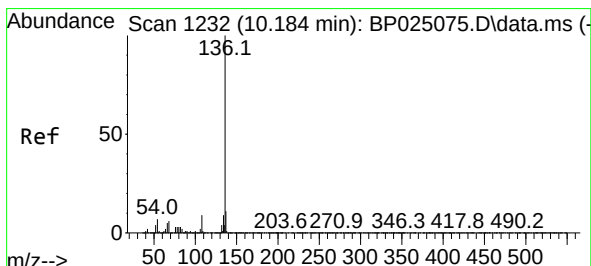
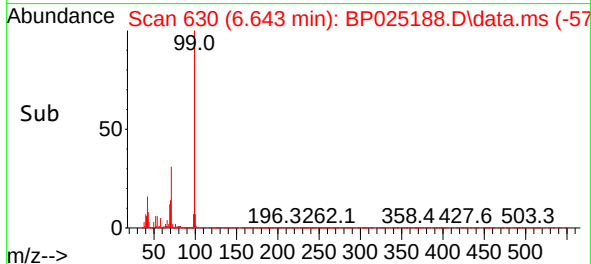
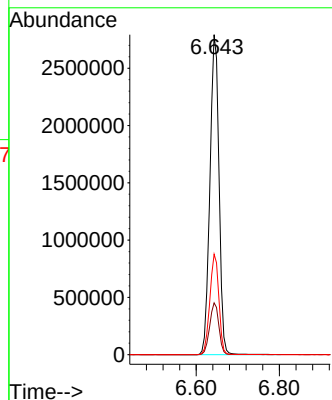
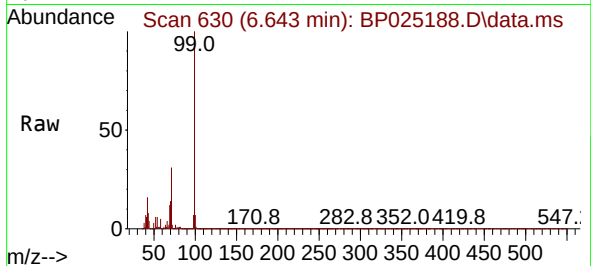




#7
Phenol-d6
Concen: 103.881 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

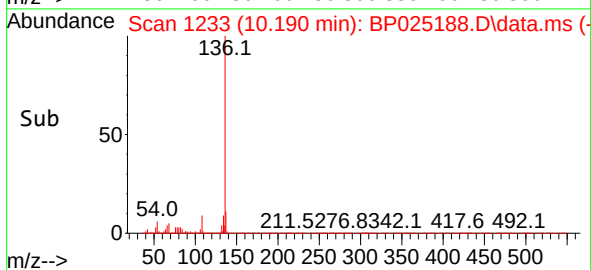
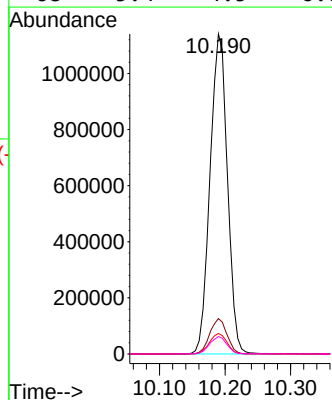
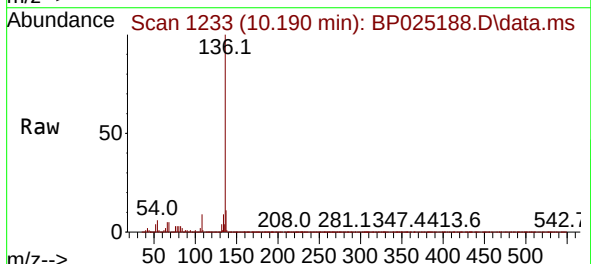
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ClientSampleId :
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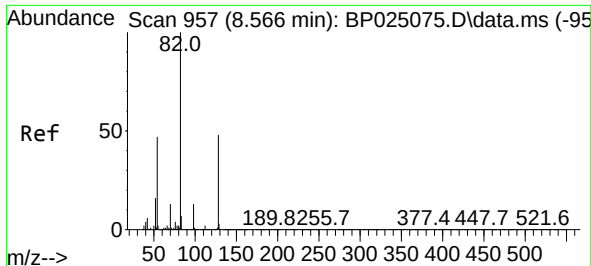
Tgt Ion: 99 Resp: 4237679
Ion Ratio Lower Upper
99 100
42 16.2 13.6 20.4
71 31.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion: 136 Resp: 2101074
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 5.4 8.2
68 5.4 4.5 6.7

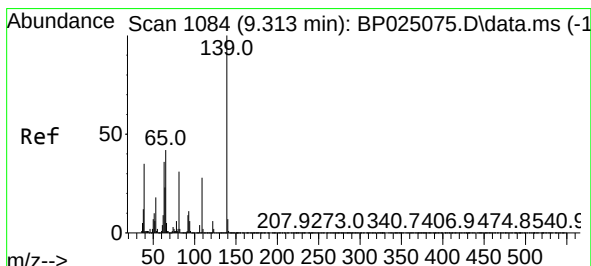
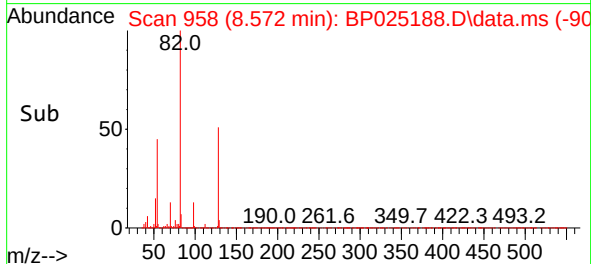
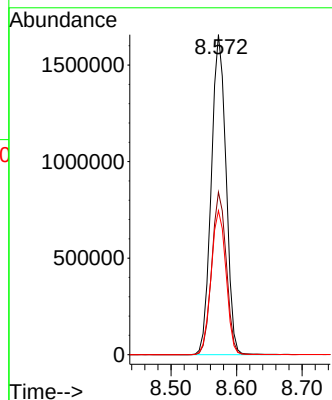
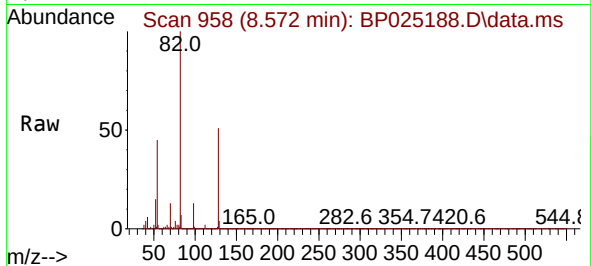




#23
Nitrobenzene-d5
Concen: 81.823 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

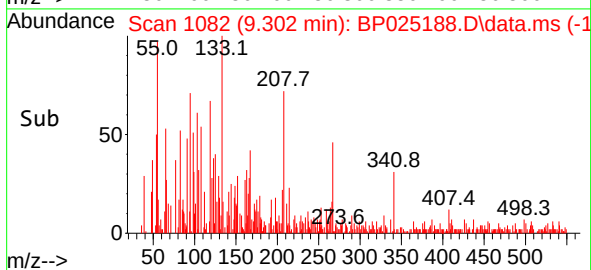
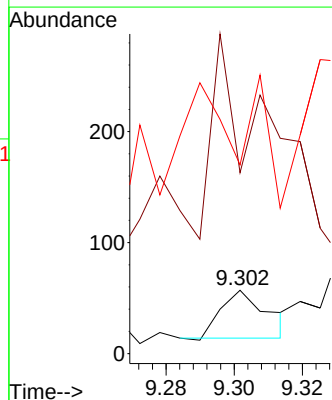
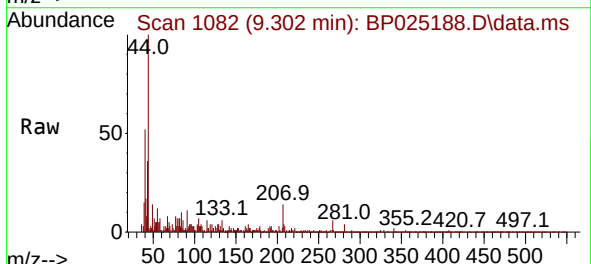
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BNA_P
ClientSampleId :
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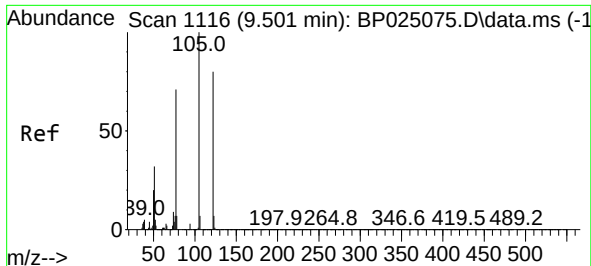
Tgt Ion: 82 Resp: 2585008
Ion Ratio Lower Upper
82 100
128 50.8 38.4 57.6
54 45.0 37.8 56.6



#26
2-Nitrophenol
Concen: 3.304 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.011 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:139 Resp: 40
Ion Ratio Lower Upper
139 100
109 286.0 22.3 33.5#
65 298.2 33.8 50.8#

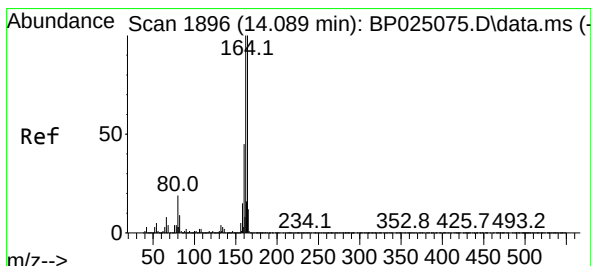
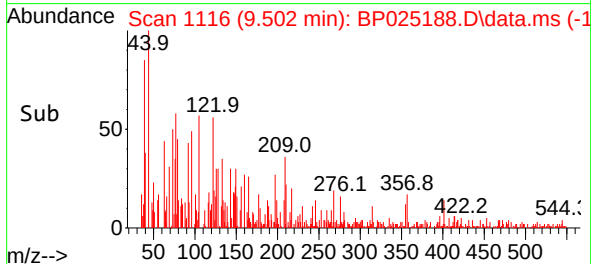
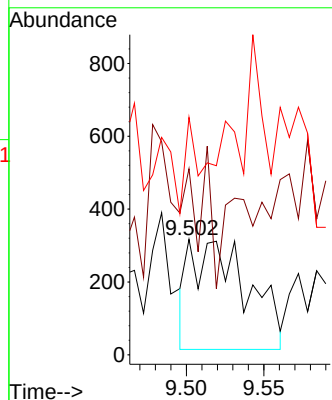
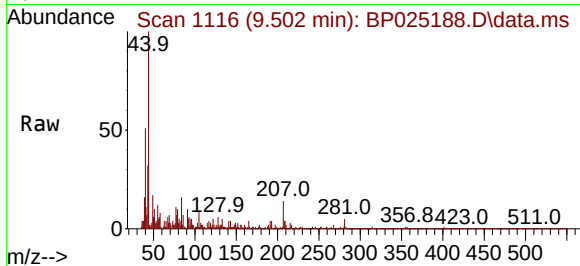




#32
Benzoic acid
Concen: 6.234 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

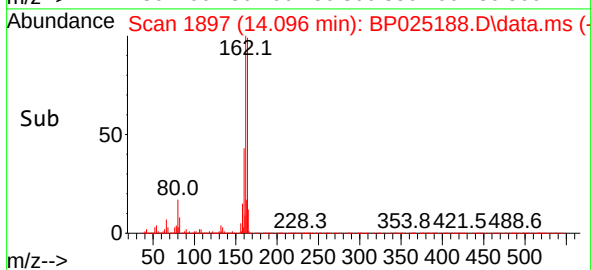
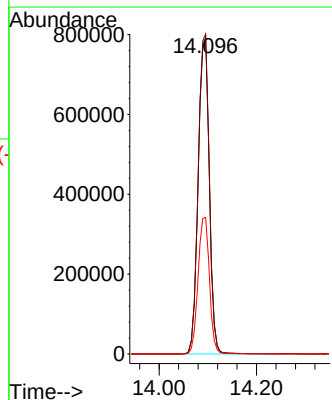
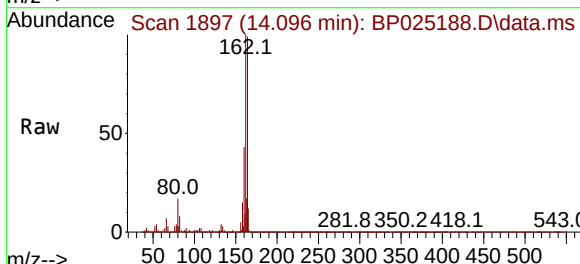
Instrument :
BNA_P
ClientSampleId :
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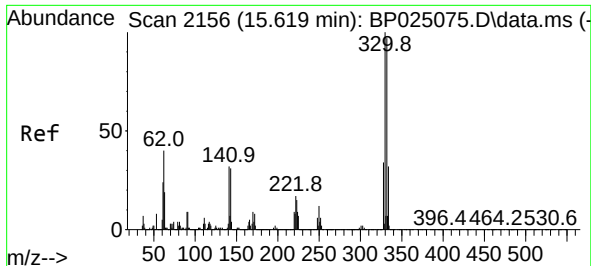
Tgt Ion:122 Resp: 771
Ion Ratio Lower Upper
122 100
105 161.2 101.0 141.0#
77 205.7 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.096 min Scan# 1897
Delta R.T. 0.007 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:164 Resp: 1259296
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 43.1 35.9 53.9

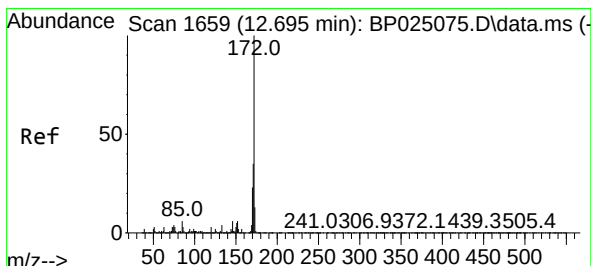
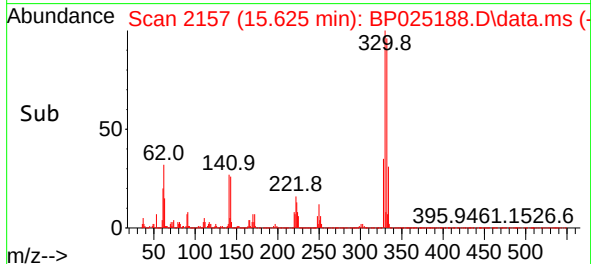
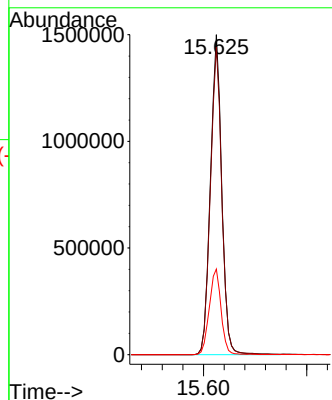
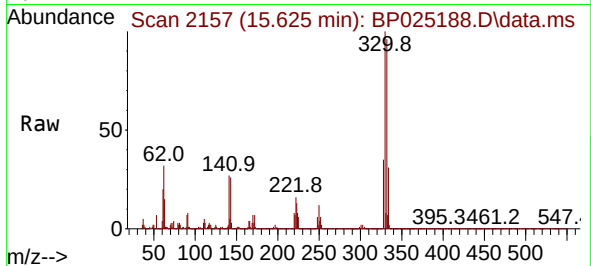




#42
2,4,6-Tribromophenol
Concen: 153.109 ng
RT: 15.625 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

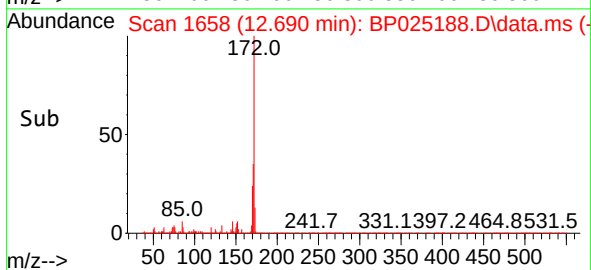
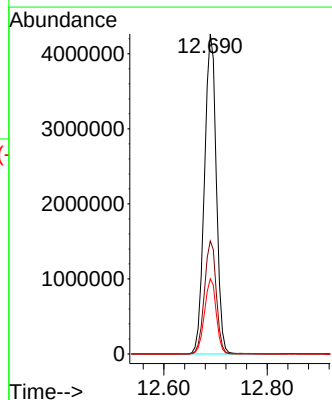
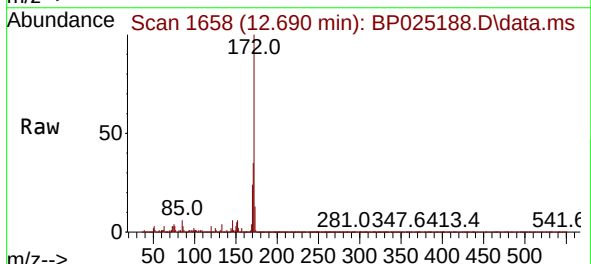
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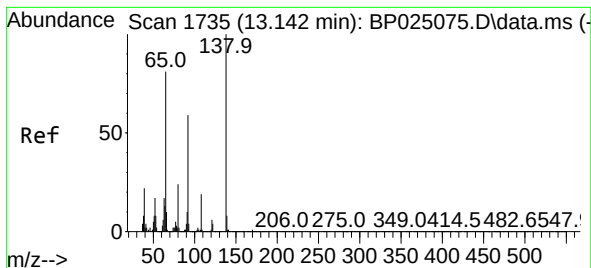
Tgt Ion:330 Resp: 2277728
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 27.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 83.483 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:172 Resp: 6786204
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.7 28.1





#48

2-Nitroaniline

Concen: 2.772 ng

RT: 13.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP025188.D

Acq: 18 Jul 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB168899BL

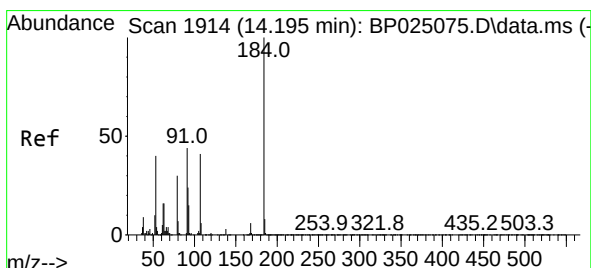
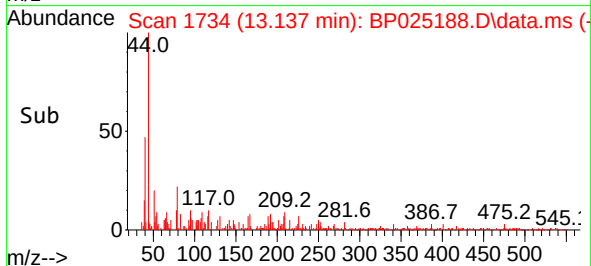
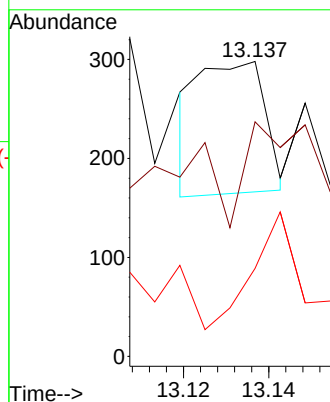
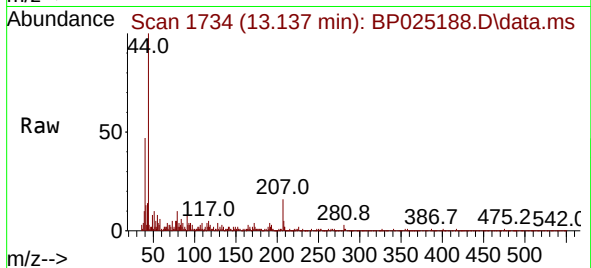
Tgt Ion: 65 Resp: 141

Ion Ratio Lower Upper

65 100

92 79.5 58.7 88.1

138 29.9 99.0 148.4#



#54

2,4-Dinitrophenol

Concen: 5.389 ng

RT: 14.190 min Scan# 1913

Delta R.T. -0.005 min

Lab File: BP025188.D

Acq: 18 Jul 2025 11:45

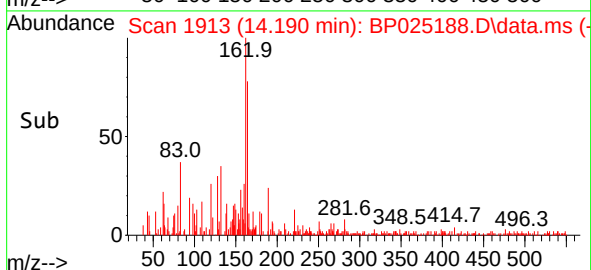
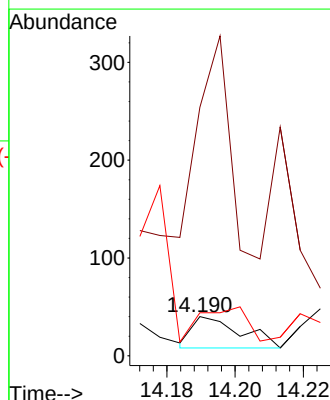
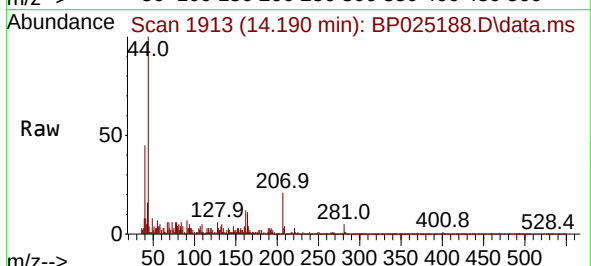
Tgt Ion: 184 Resp: 32

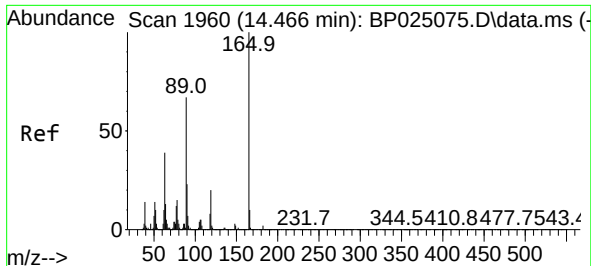
Ion Ratio Lower Upper

184 100

63 635.0 47.4 71.0#

154 275.0 47.8 71.8#

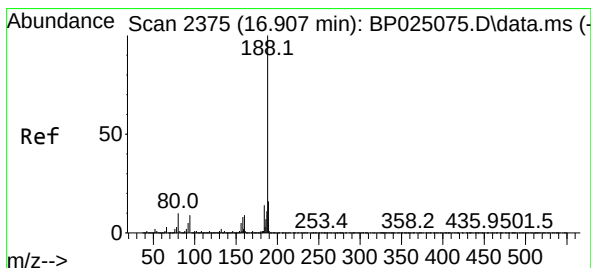
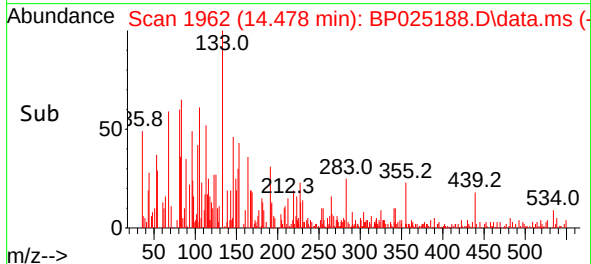
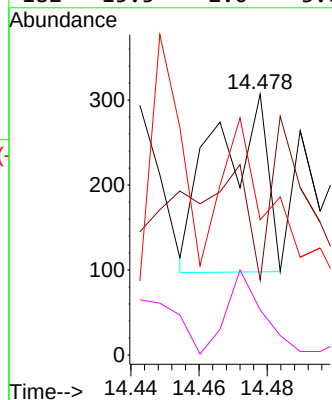
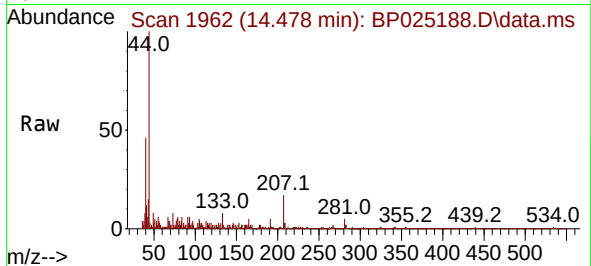




#57
2,4-Dinitrotoluene
Concen: 2.645 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

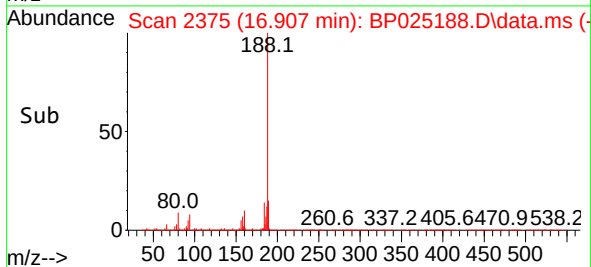
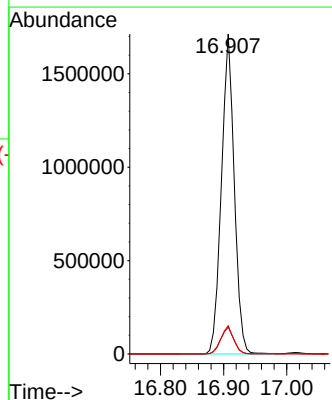
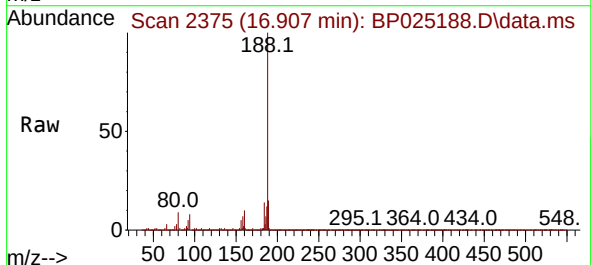
Instrument :
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PB168899BL

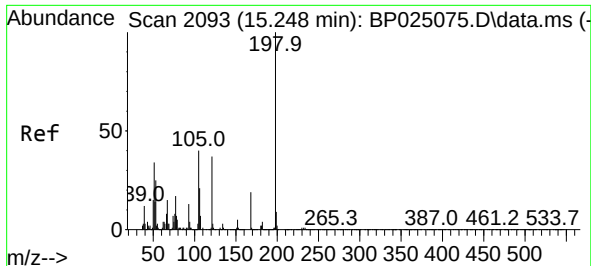
Tgt Ion:165 Resp: 223
Ion Ratio Lower Upper
165 100
63 25.8 31.0 46.4#
89 46.6 53.4 80.0#
182 15.5 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:188 Resp: 2420255
Ion Ratio Lower Upper
188 100
94 8.4 7.3 10.9
80 8.9 7.8 11.6

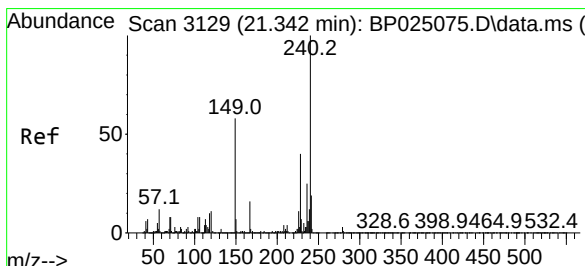
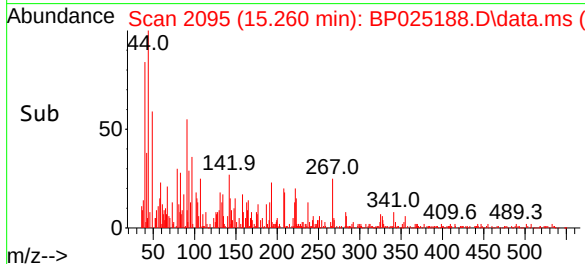
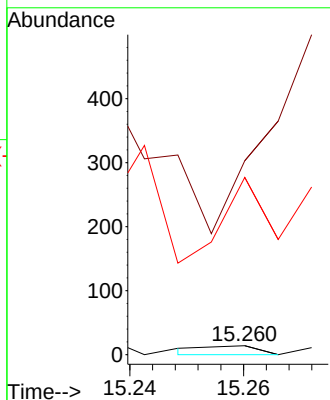
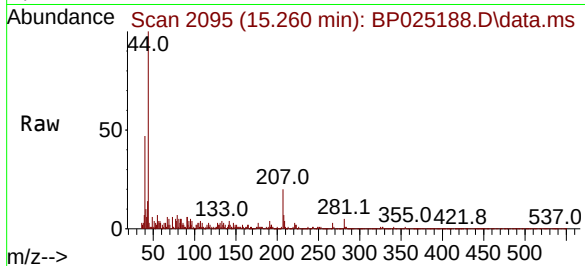




#65
4,6-Dinitro-2-methylphenol
Concen: 5.579 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.012 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

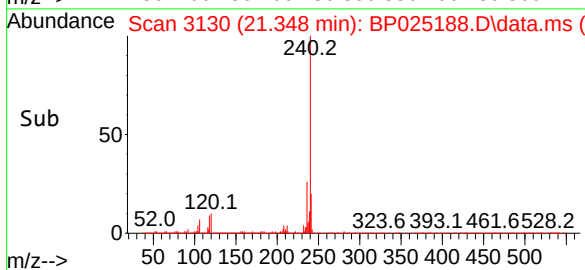
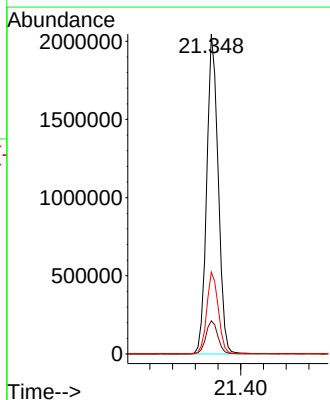
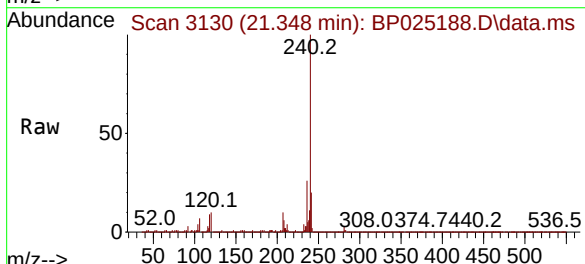
Instrument :
BNA_P
ClientSampleId :
PB168899BL

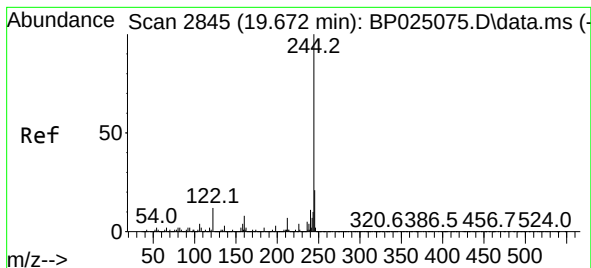
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 2164.3 16.8 56.8#
105 1978.6 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:240 Resp: 2857319
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 84.236 ng

RT: 19.689 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025188.D

Acq: 18 Jul 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB168899BL

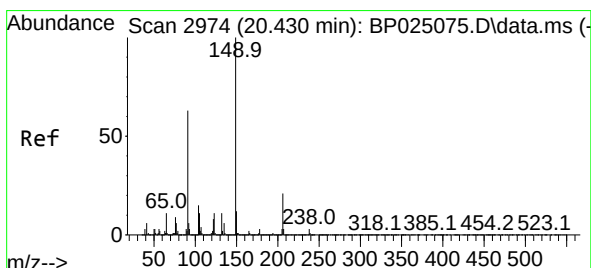
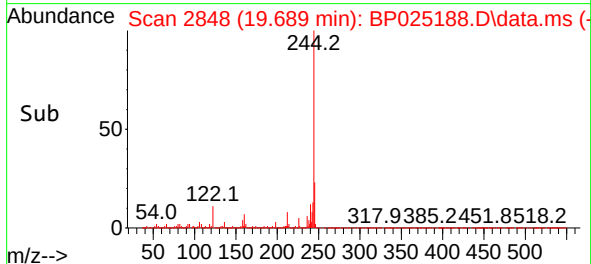
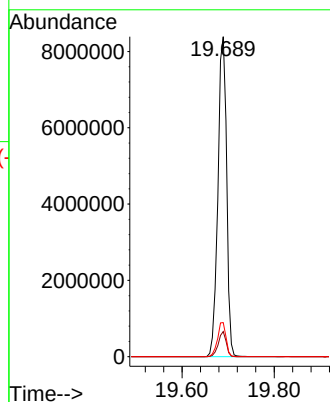
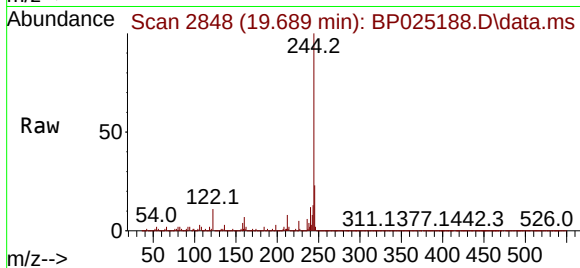
Tgt Ion:244 Resp:10951434

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.707 ng

RT: 20.307 min Scan# 2953

Delta R.T. -0.123 min

Lab File: BP025188.D

Acq: 18 Jul 2025 11:45

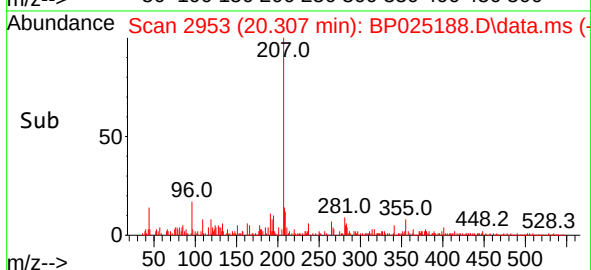
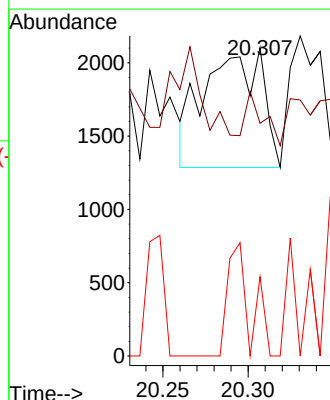
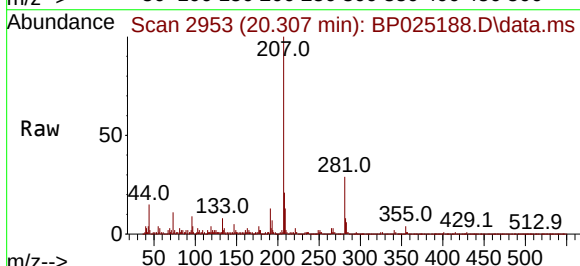
Tgt Ion:149 Resp: 1881

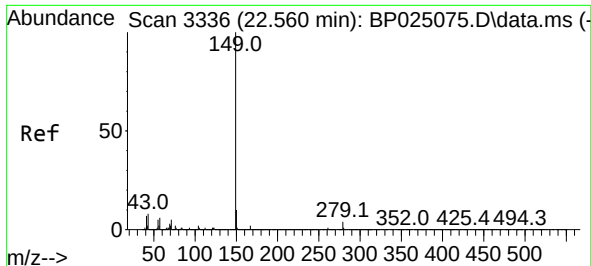
Ion Ratio Lower Upper

149 100

91 75.5 50.6 76.0

206 25.7 17.2 25.8

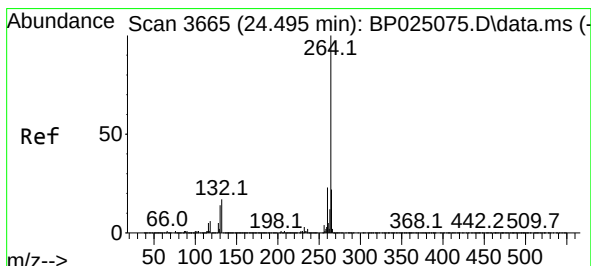
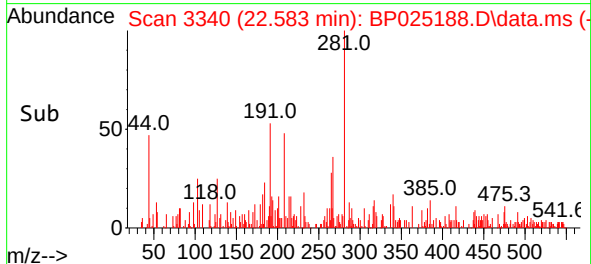
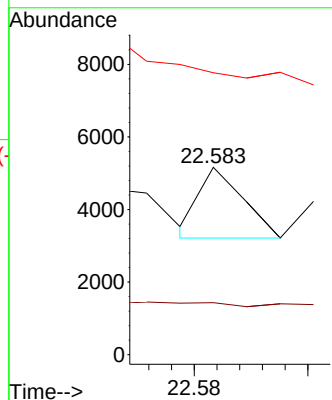
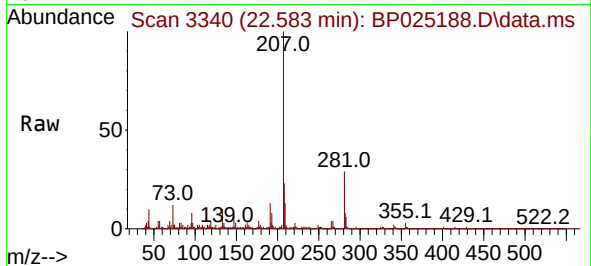




#85
Di-n-octyl phthalate
Concen: 6.104 ng
RT: 22.583 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Instrument :
BNA_P
ClientSampleId :
PB168899BL

Tgt Ion:149 Resp: 1039
Ion Ratio Lower Upper
149 100
167 73.1 1.3 1.9#
43 0.0 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:264 Resp: 2954838
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.7 26.5

