

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025113.D
 Acq On : 14 Jul 2025 10:02
 Operator : CG/JU
 Sample : PB168813BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168813BL

Quant Time: Jul 14 11:14:32 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)

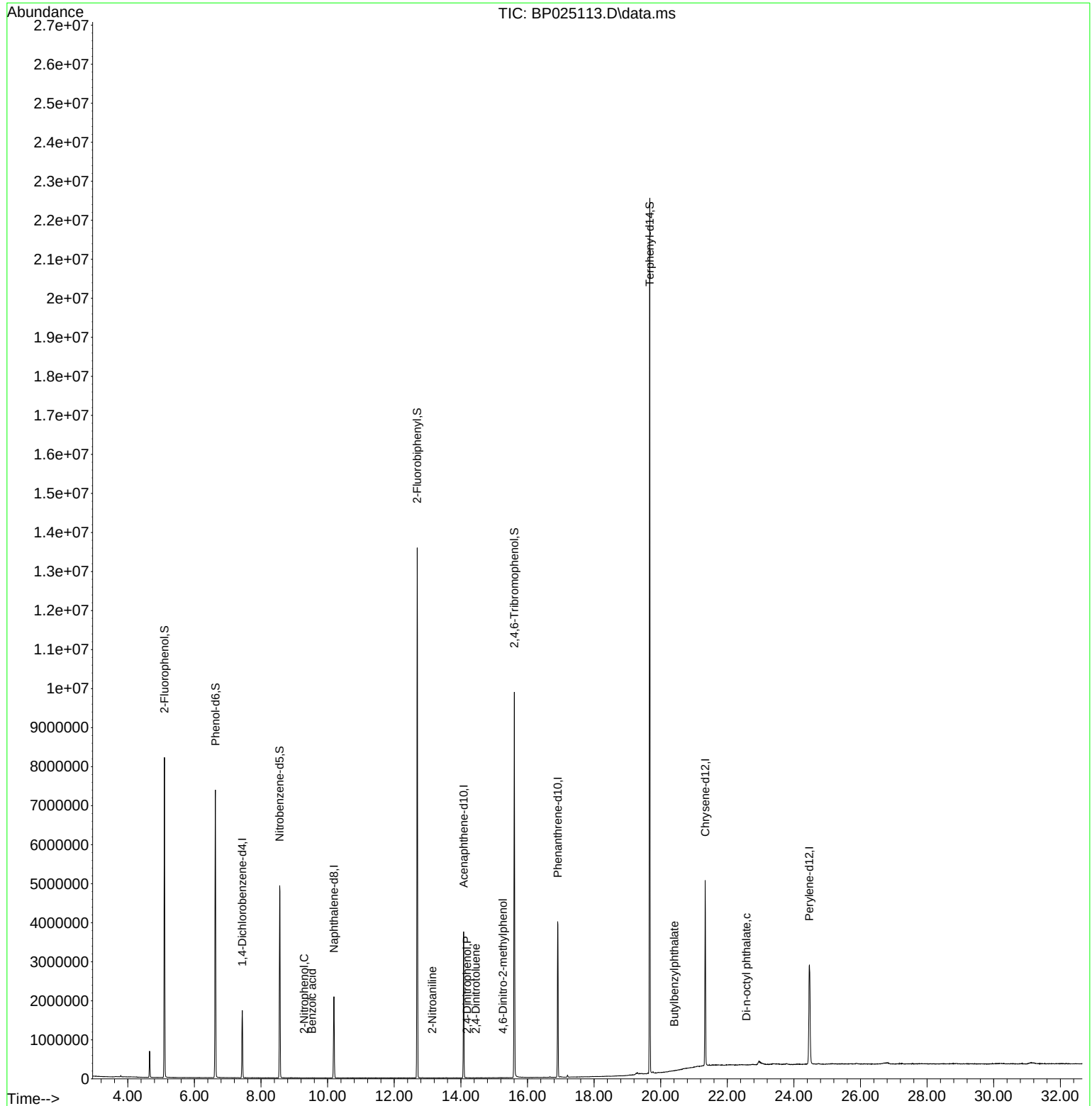
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	484559	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	1815413	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1103079	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2338770	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2461415	20.000	ng	0.00
86) Perylene-d12	24.465	264	2667716	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3582728	131.007	ng	0.00
7) Phenol-d6	6.631	99	4276262	119.823	ng	0.00
23) Nitrobenzene-d5	8.560	82	2574643	94.318	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1972310	151.355	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	6627487	93.077	ng	0.00
79) Terphenyl-d14	19.672	244	10586750	94.529	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.296	139	115	3.310	ng #	69
32) Benzoic acid	9.531	122	60	6.206	ng #	2
48) 2-Nitroaniline	13.143	65	273	2.782	ng #	12
54) 2,4-Dinitrophenol	14.184	184	15	5.387	ng #	56
57) 2,4-Dinitrotoluene	14.448	165	242	2.647	ng #	62
65) 4,6-Dinitro-2-methylph...	15.266	198	64	5.584	ng #	1
80) Butylbenzylphthalate	20.407	149	551	3.691	ng #	77
85) Di-n-octyl phthalate	22.577	149	337	6.101	ng #	1

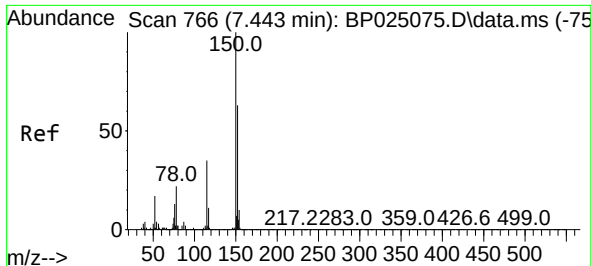
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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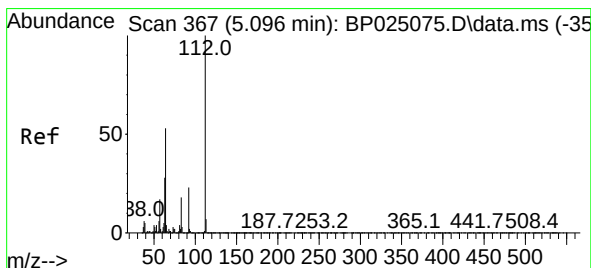
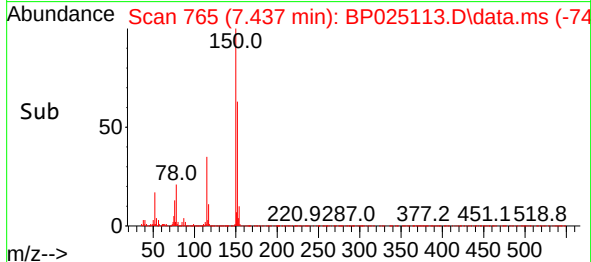
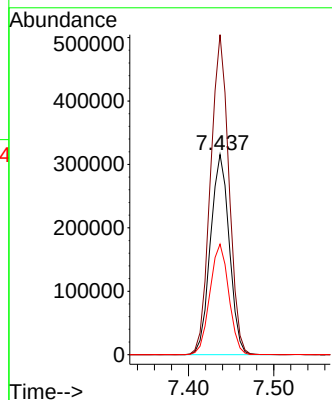
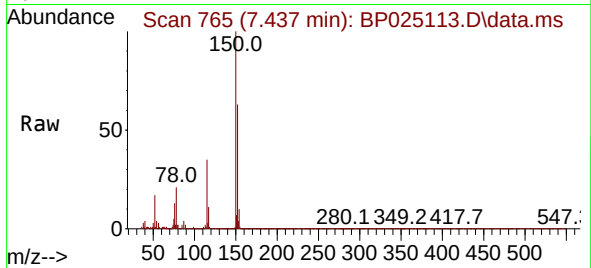




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BP025113.D
 Acq: 14 Jul 2025 10:02

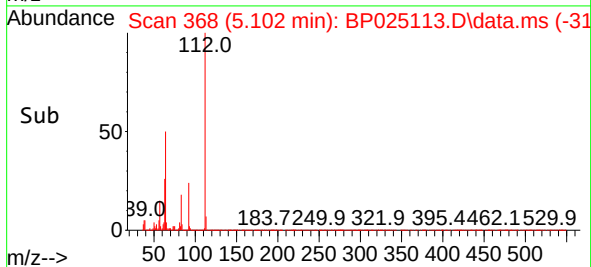
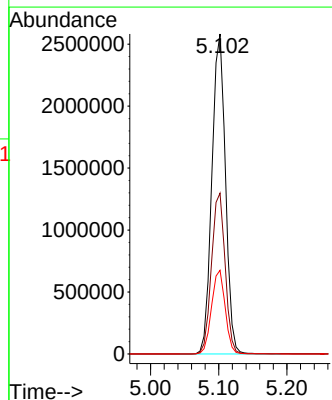
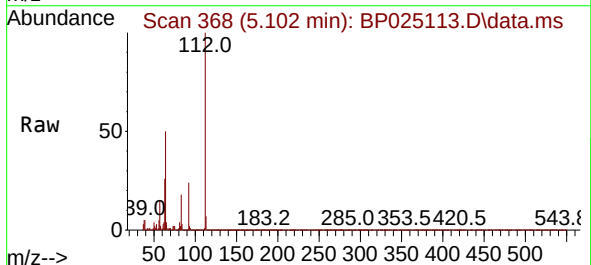
Instrument :
 BNA_P
 ClientSampleId :
 PB168813BL

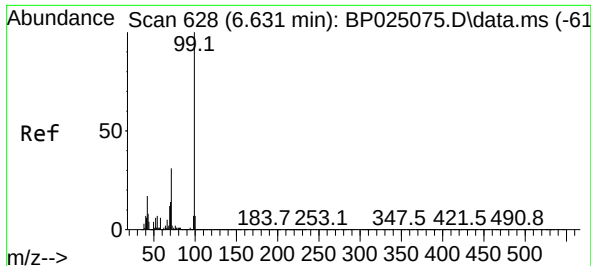
Tgt Ion:152 Resp: 484559
 Ion Ratio Lower Upper
 152 100
 150 159.9 126.1 189.1
 115 55.2 44.3 66.5



#5
 2-Fluorophenol
 Concen: 131.007 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BP025113.D
 Acq: 14 Jul 2025 10:02

Tgt Ion:112 Resp: 3582728
 Ion Ratio Lower Upper
 112 100
 64 50.3 42.0 63.0
 63 26.1 22.2 33.2



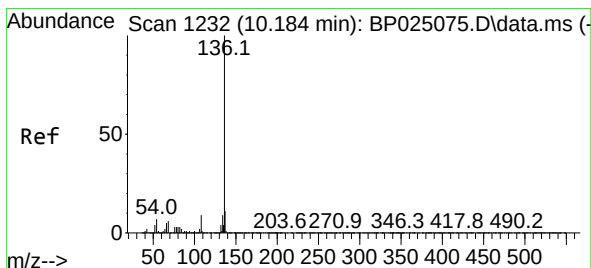
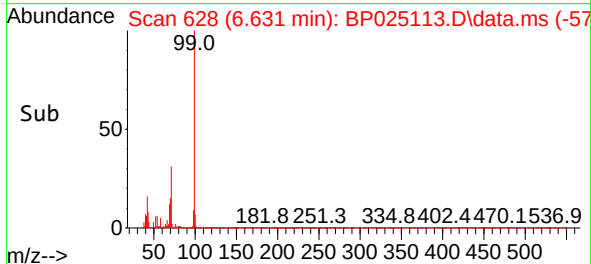
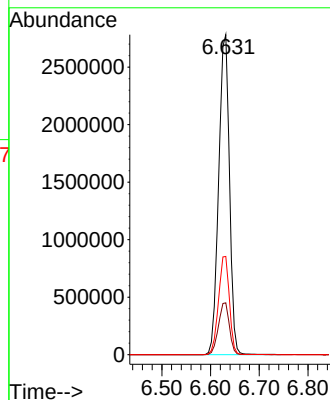
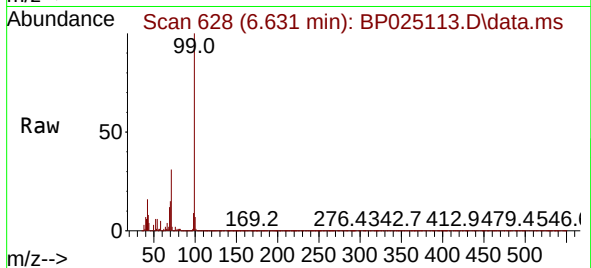


#7
Phenol-d6
Concen: 119.823 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Instrument :
BNA_P
ClientSampleId :
PB168813BL

Tgt Ion: 99 Resp: 4276262

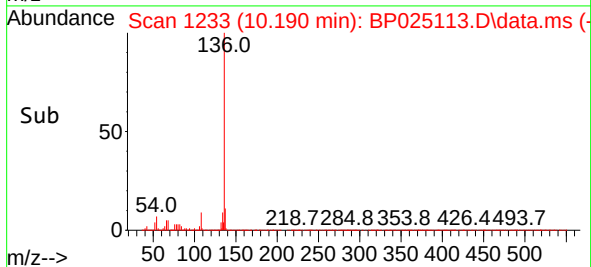
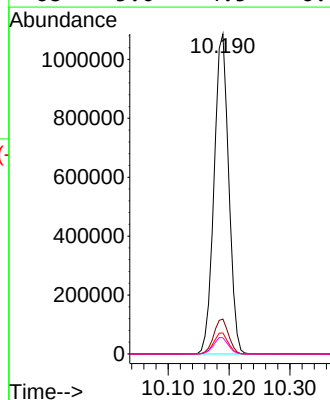
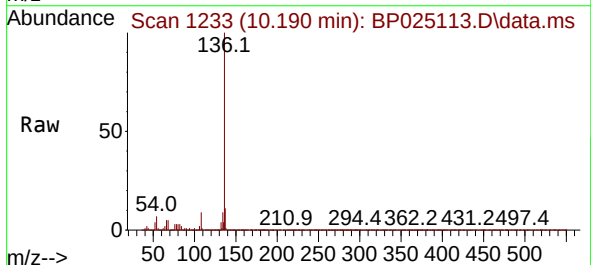
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	30.7	24.4	36.6

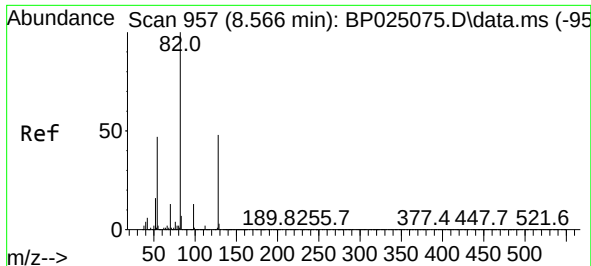


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion: 136 Resp: 1815413

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	5.0	4.5	6.7

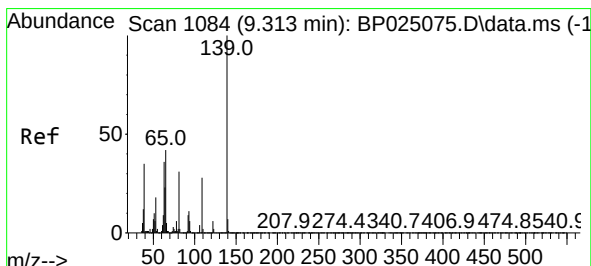
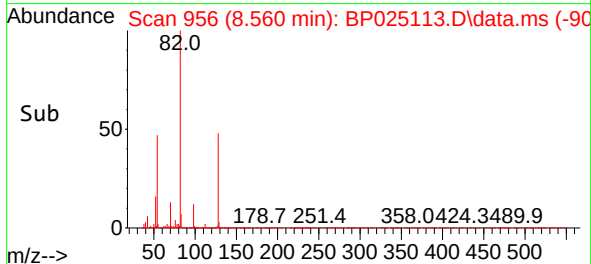
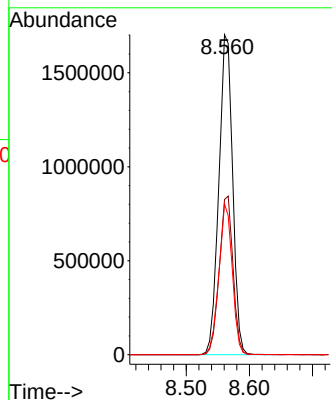
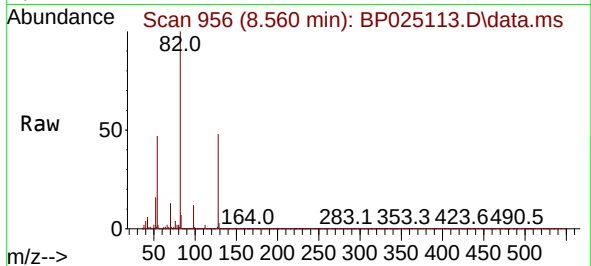




#23
Nitrobenzene-d5
Concen: 94.318 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

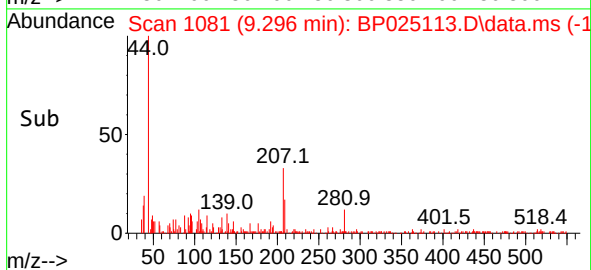
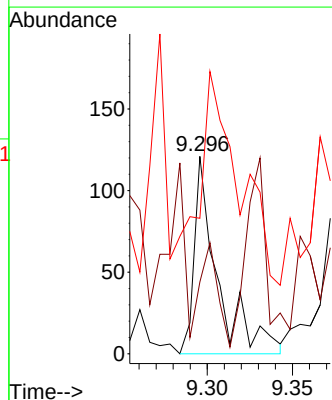
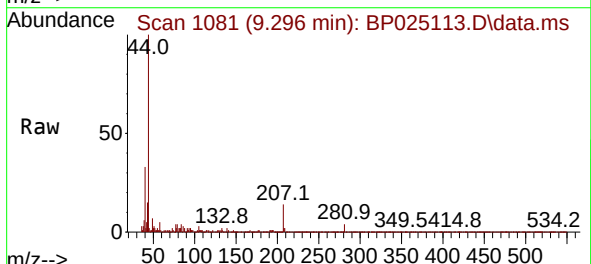
Instrument :
BNA_P
ClientSampleId :
PB168813BL

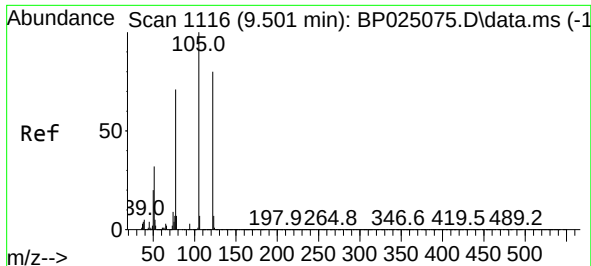
Tgt Ion: 82 Resp: 2574643
Ion Ratio Lower Upper
82 100
128 48.5 38.4 57.6
54 47.2 37.8 56.6



#26
2-Nitrophenol
Concen: 3.310 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.017 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:139 Resp: 115
Ion Ratio Lower Upper
139 100
109 36.4 22.3 33.5#
65 68.6 33.8 50.8#

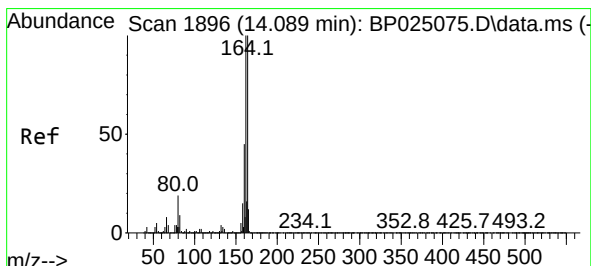
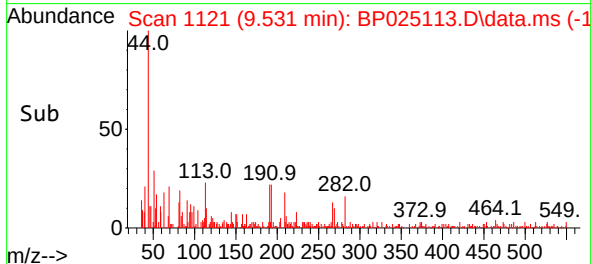
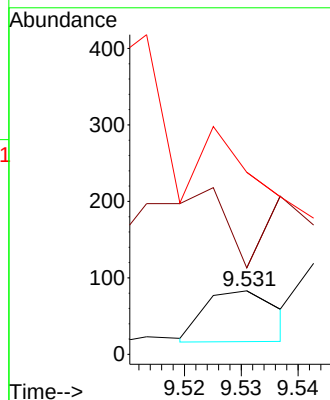
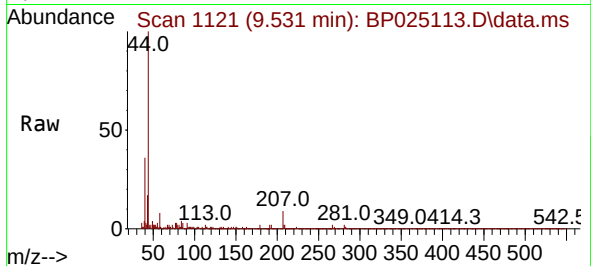




#32
Benzoic acid
Concen: 6.206 ng
RT: 9.531 min Scan# 1116
Delta R.T. 0.030 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

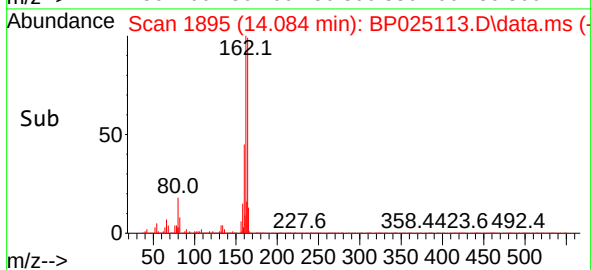
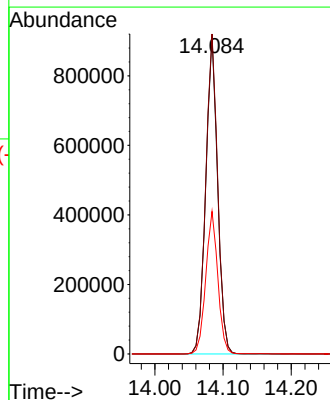
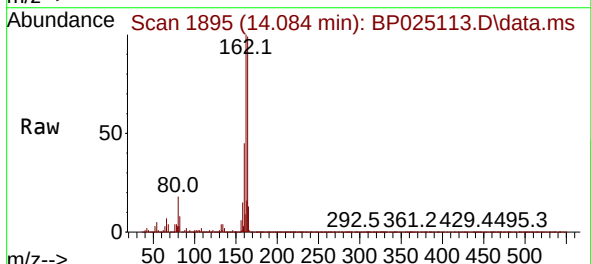
Instrument :
BNA_P
ClientSampleId :
PB168813BL

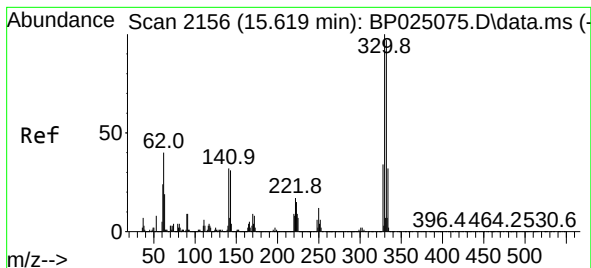
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 136.1 101.0 141.0
77 286.7 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:164 Resp: 1103079
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 151.355 ng

RT: 15.607 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

Instrument :

BNA_P

ClientSampleId :

PB168813BL

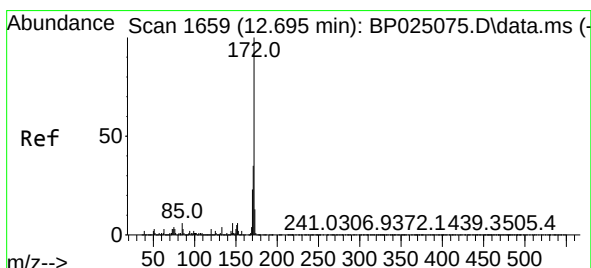
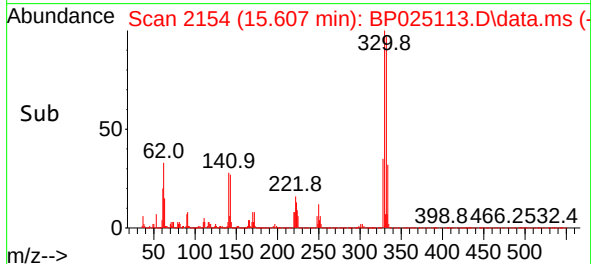
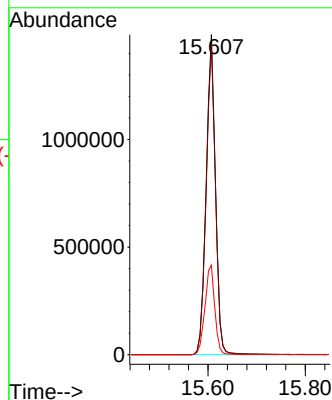
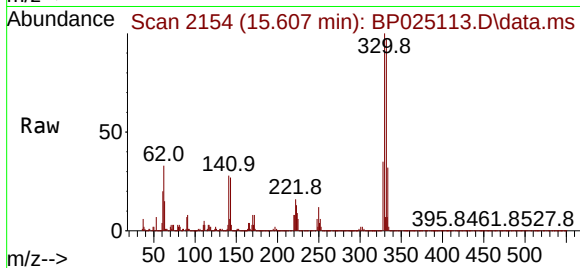
Tgt Ion:330 Resp: 1972310

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 29.7 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 93.077 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

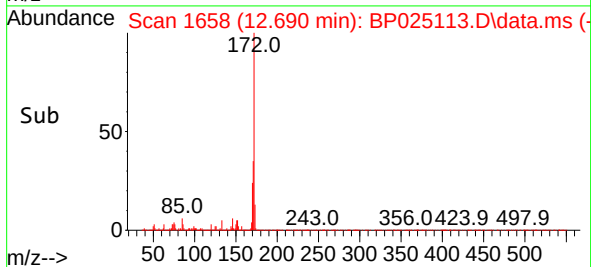
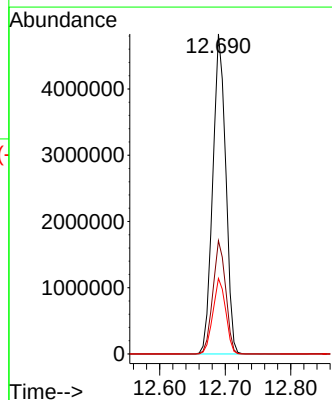
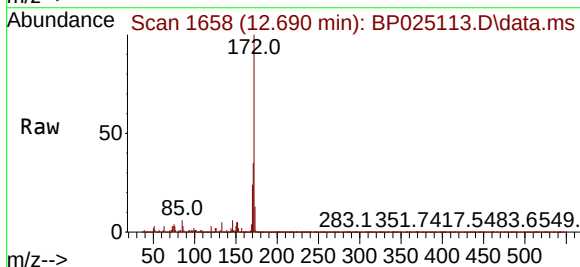
Tgt Ion:172 Resp: 6627487

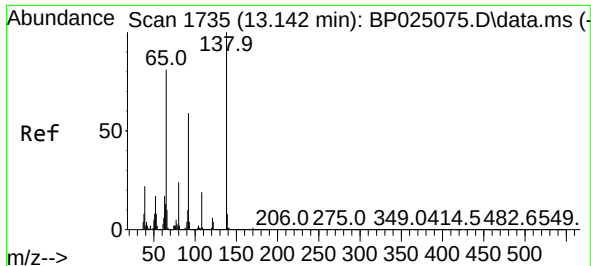
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.6 18.7 28.1

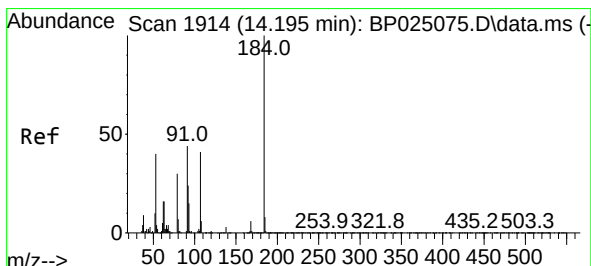
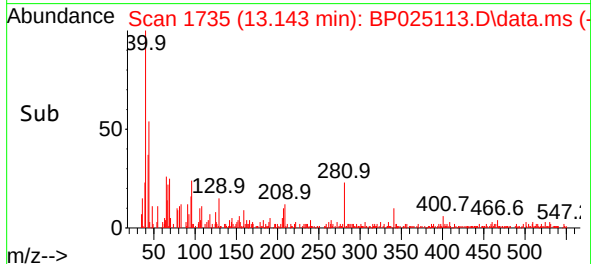
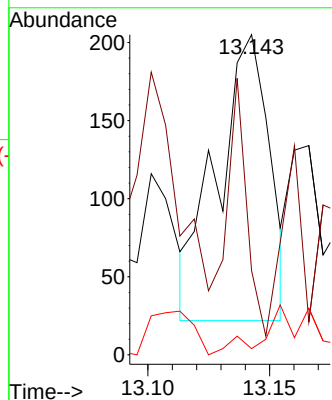
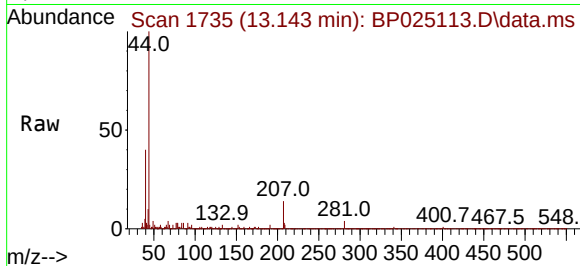




#48
2-Nitroaniline
Concen: 2.782 ng
RT: 13.143 min Scan# 11
Delta R.T. 0.001 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

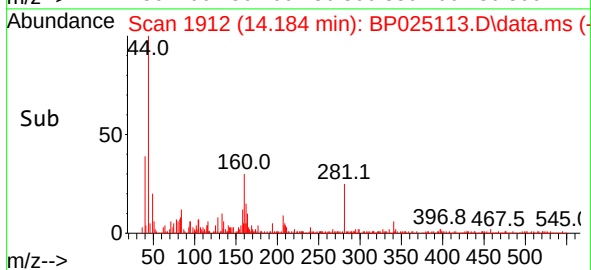
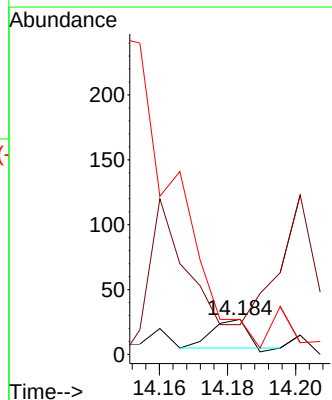
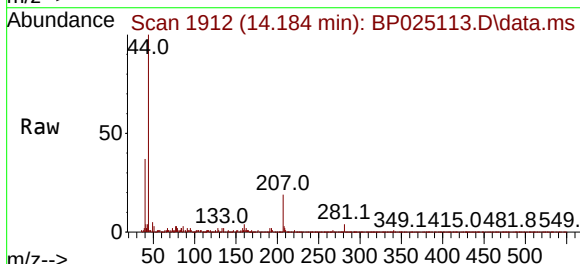
Instrument :
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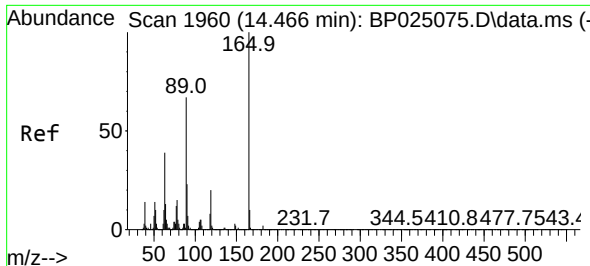
Tgt Ion: 65 Resp: 273
Ion Ratio Lower Upper
65 100
92 26.3 58.7 88.1#
138 2.0 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.387 ng
RT: 14.184 min Scan# 1912
Delta R.T. -0.011 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion: 184 Resp: 15
Ion Ratio Lower Upper
184 100
63 85.2 47.4 71.0#
154 100.0 47.8 71.8#

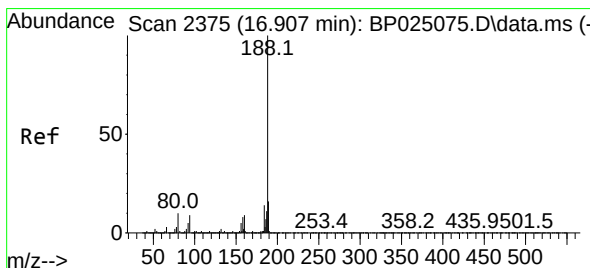
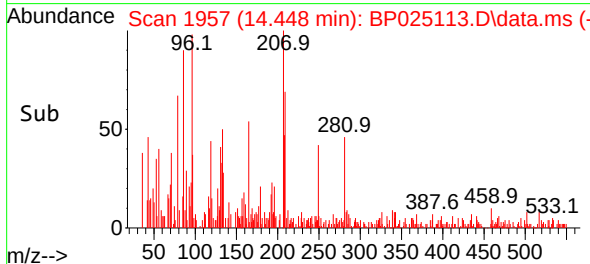
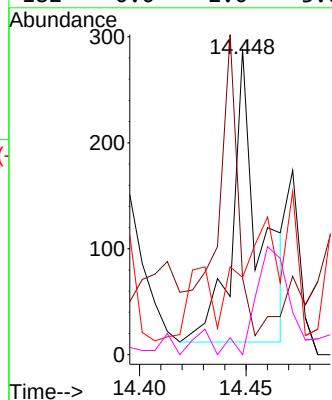
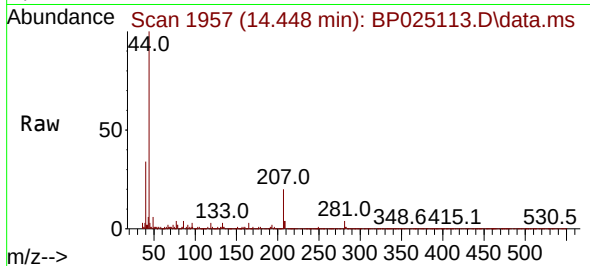




#57
2,4-Dinitrotoluene
Concen: 2.647 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

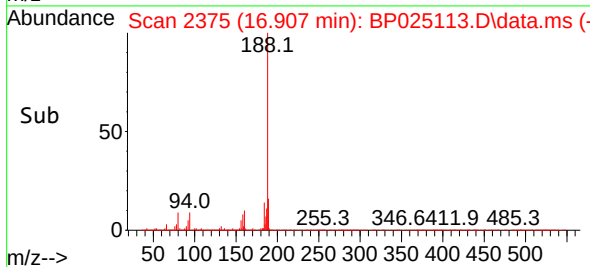
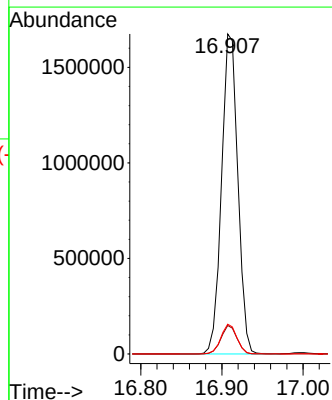
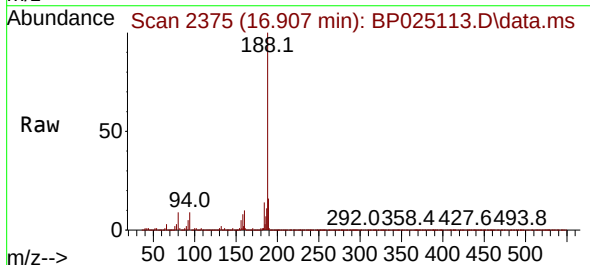
Instrument :
BNA_P
ClientSampleId :
PB168813BL

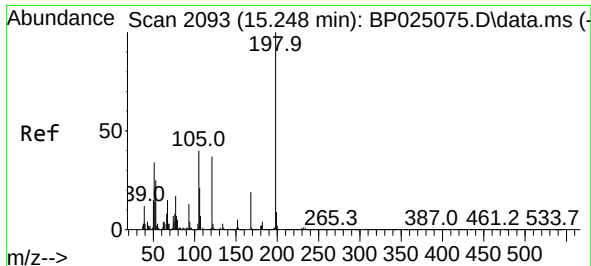
Tgt Ion:165 Resp: 242
Ion Ratio Lower Upper
165 100
63 29.2 31.0 46.4#
89 25.3 53.4 80.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:188 Resp: 2338770
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 9.3 7.8 11.6

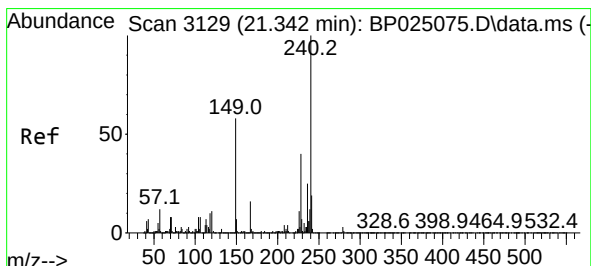
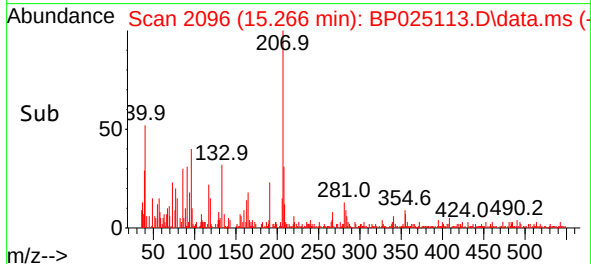
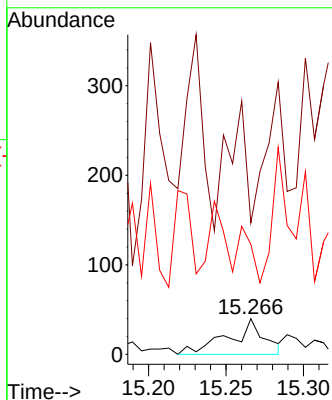
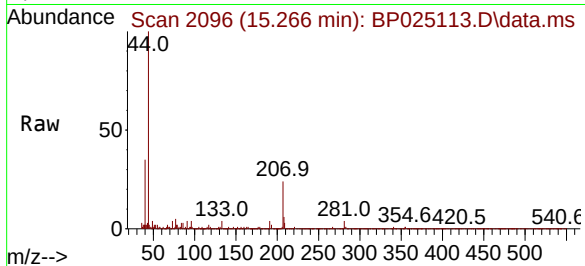




#65
4,6-Dinitro-2-methylphenol
Concen: 5.584 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.018 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

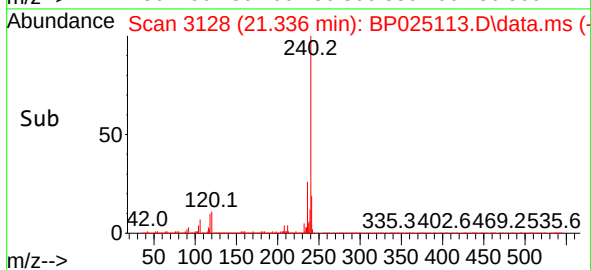
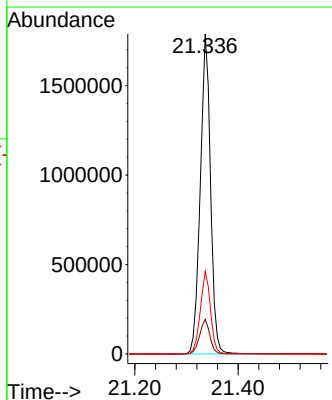
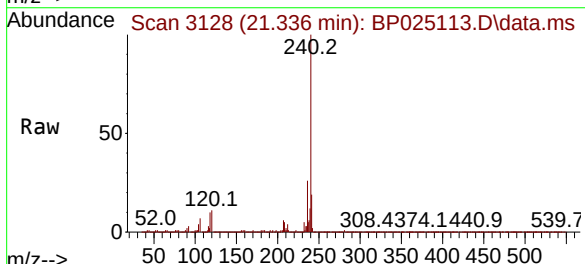
Instrument :
BNA_P
ClientSampleId :
PB168813BL

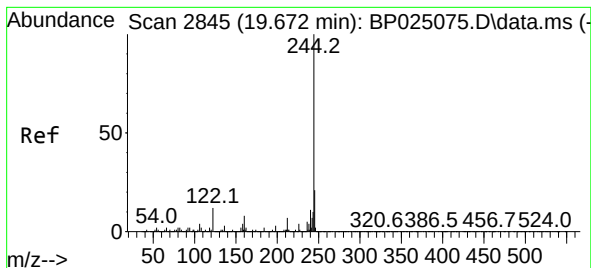
Tgt Ion:198 Resp: 64
Ion Ratio Lower Upper
198 100
51 306.3 16.8 56.8#
105 256.3 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:240 Resp: 2461415
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 94.529 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

Instrument :

BNA_P

ClientSampleId :

PB168813BL

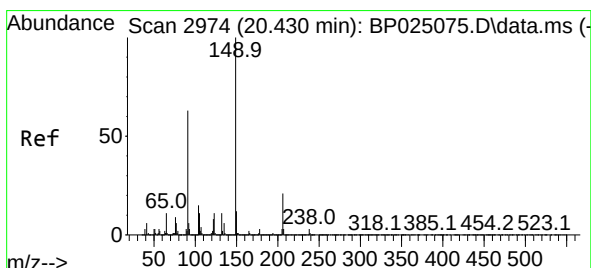
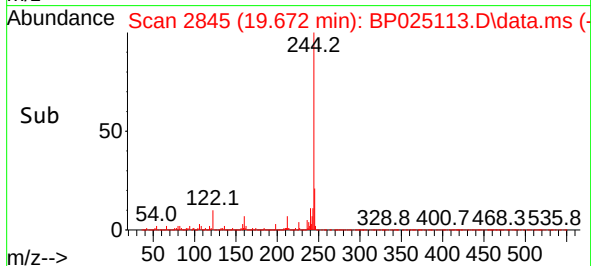
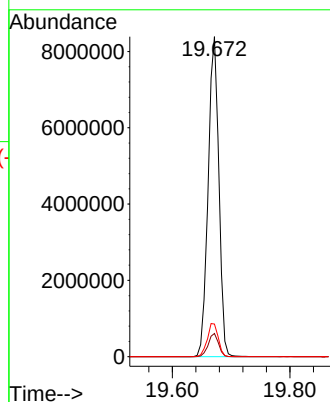
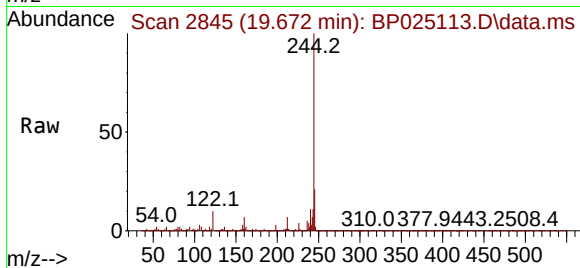
Tgt Ion:244 Resp:10586750

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.2 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.691 ng

RT: 20.407 min Scan# 2970

Delta R.T. -0.023 min

Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

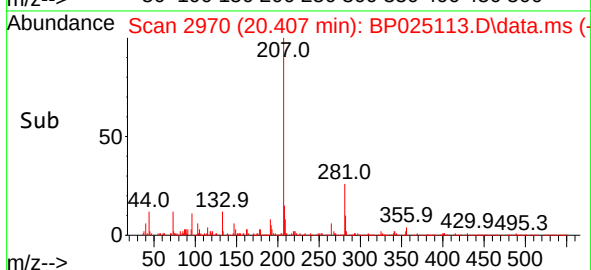
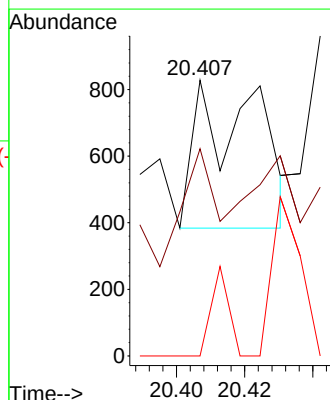
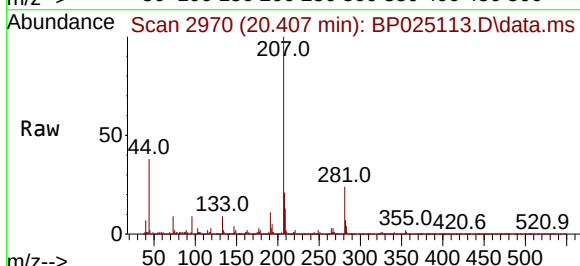
Tgt Ion:149 Resp: 551

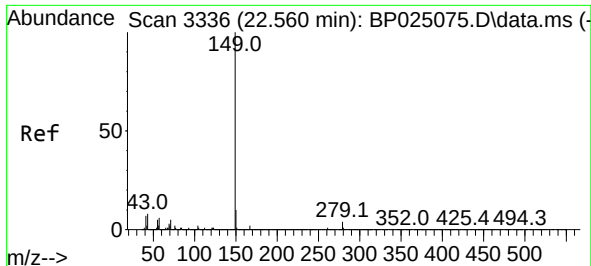
Ion Ratio Lower Upper

149 100

91 75.1 50.6 76.0

206 0.0 17.2 25.8#

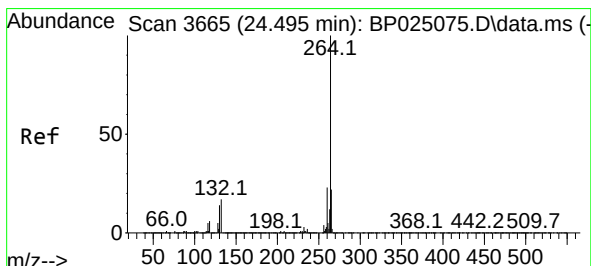
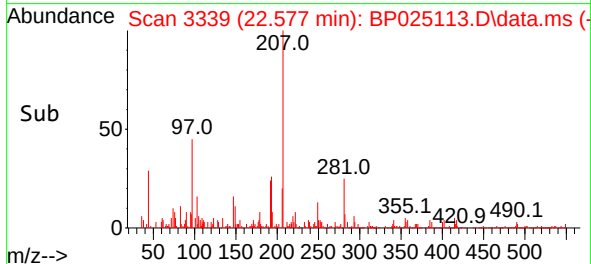
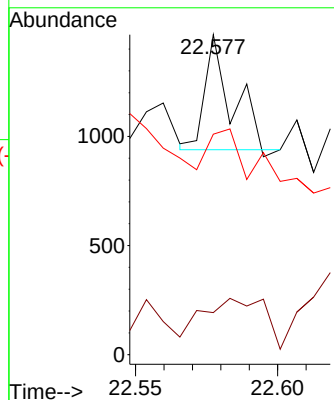
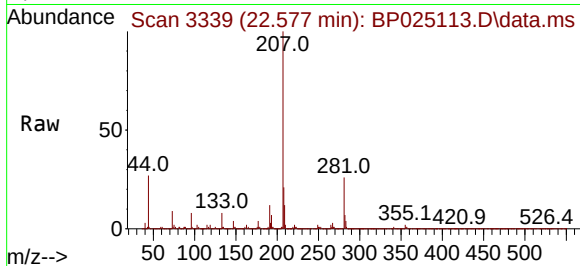




#85
Di-n-octyl phthalate
Concen: 6.101 ng
RT: 22.577 min Scan# 311
Delta R.T. 0.017 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Instrument :
BNA_P
ClientSampleId :
PB168813BL

Tgt Ion:149 Resp: 337
Ion Ratio Lower Upper
149 100
167 105.3 1.3 1.9#
43 97.9 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:264 Resp: 2667716
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.9 17.7 26.5

