

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025365.D
 Acq On : 12 Aug 2025 13:36
 Operator : CG/JU
 Sample : PB169162BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169162BL

Quant Time: Aug 12 13:57:48 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)

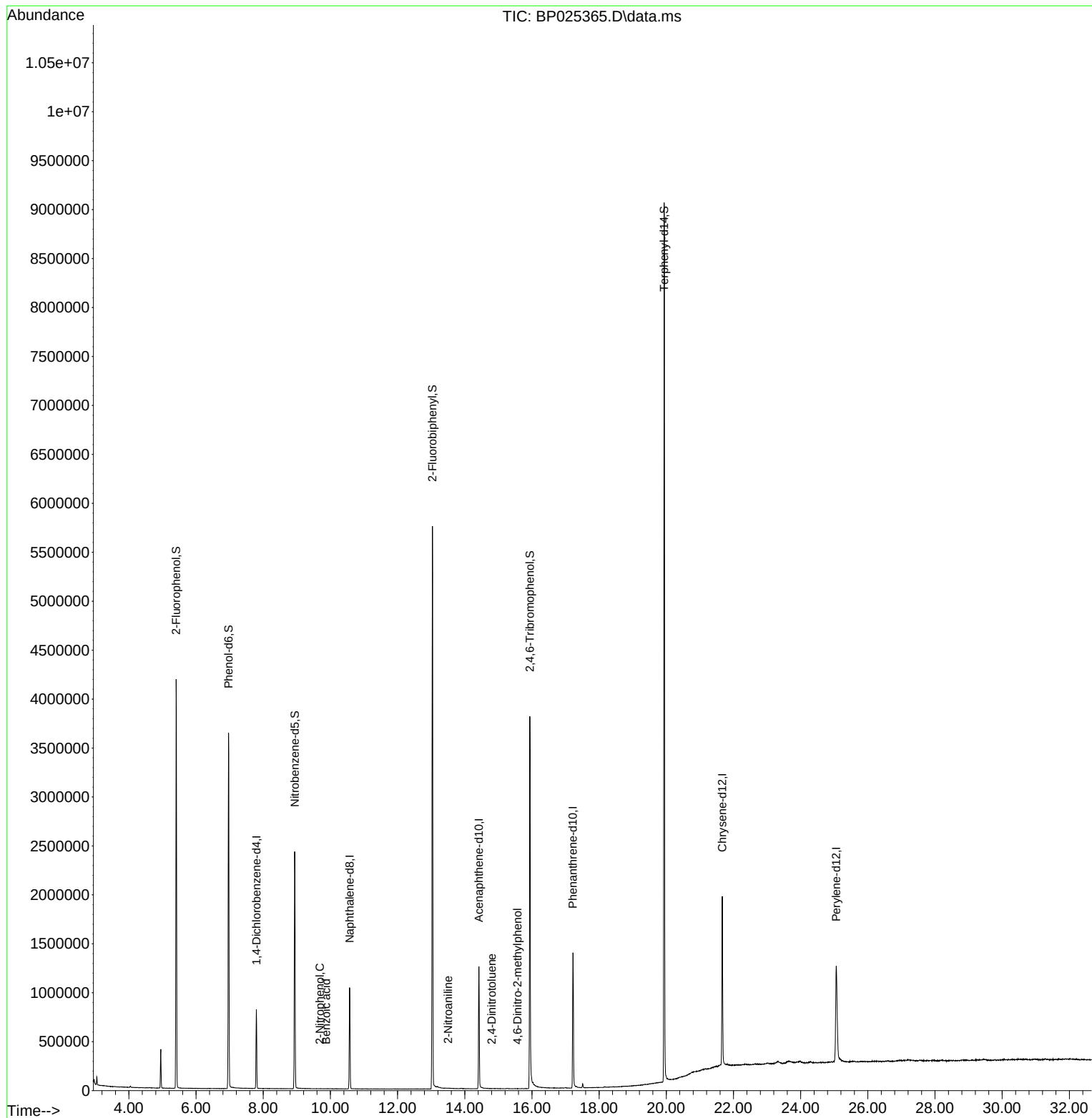
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	226079	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	873160	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	506187	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1004280	20.000	ng	0.00
76) Chrysene-d12	21.666	240	1092322	20.000	ng	0.00
86) Perylene-d12	25.060	264	1212164	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1850991	131.683	ng	0.00
7) Phenol-d6	6.966	99	2184312	118.075	ng	0.00
23) Nitrobenzene-d5	8.937	82	1414087	89.722	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	777812	154.028	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	3178141	86.720	ng	0.00
79) Terphenyl-d14	19.936	244	5091728	88.043	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.684	139	61	3.647	ng	# 1
32) Benzoic acid	9.866	122	61	5.960	ng	# 38
48) 2-Nitroaniline	13.501	65	165	2.983	ng	# 38
57) 2,4-Dinitrotoluene	14.801	165	98	3.264	ng	# 45
65) 4,6-Dinitro-2-methylph...	15.566	198	19	4.839	ng	# 1

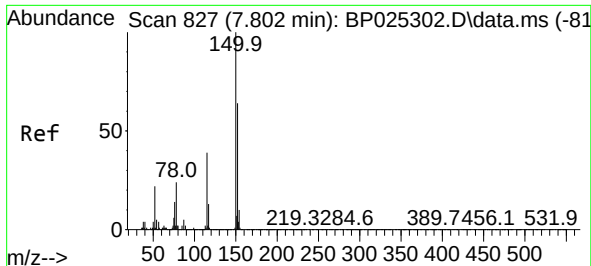
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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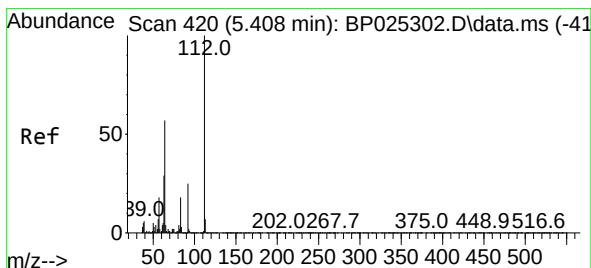
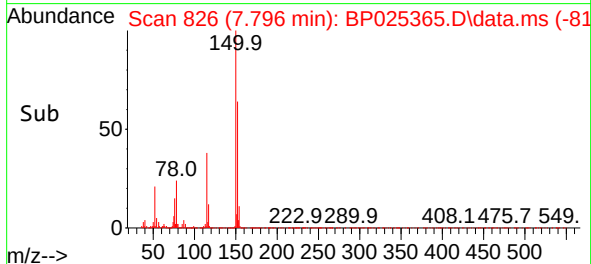
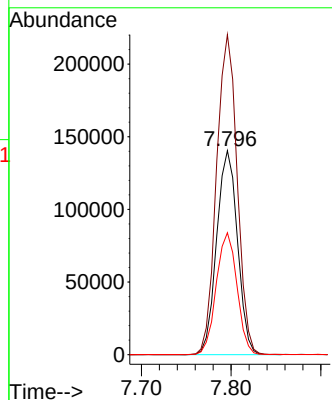
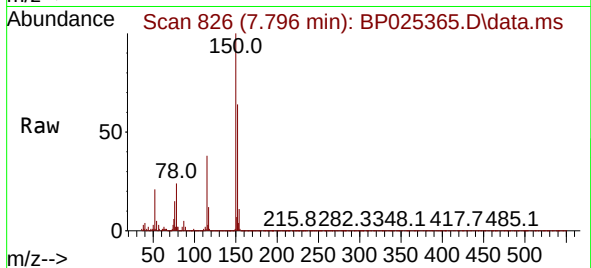




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

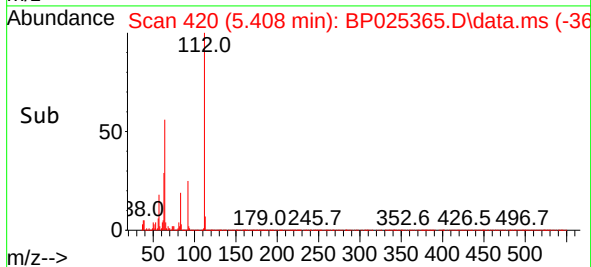
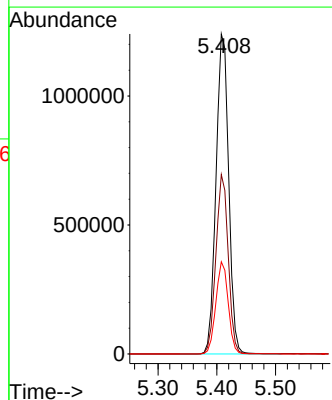
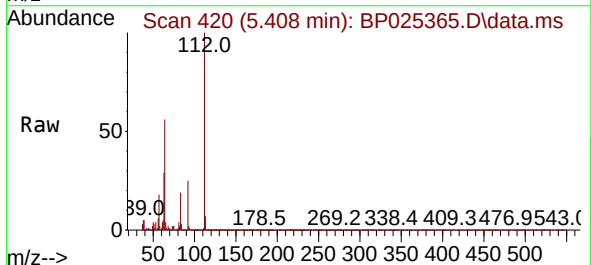
Instrument :
BNA_P
ClientSampleId :
PB169162BL

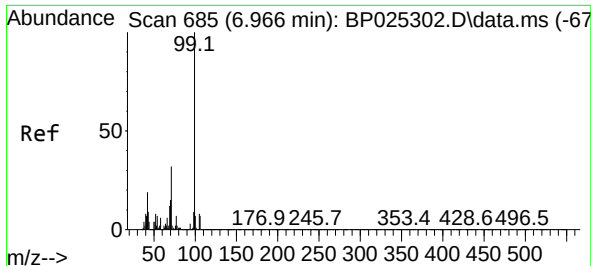
Tgt Ion:152 Resp: 226079
Ion Ratio Lower Upper
152 100
150 156.8 125.1 187.7
115 59.7 48.4 72.6



#5
2-Fluorophenol
Concen: 131.683 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

Tgt Ion:112 Resp: 1850991
Ion Ratio Lower Upper
112 100
64 56.0 45.3 67.9
63 28.8 23.0 34.6

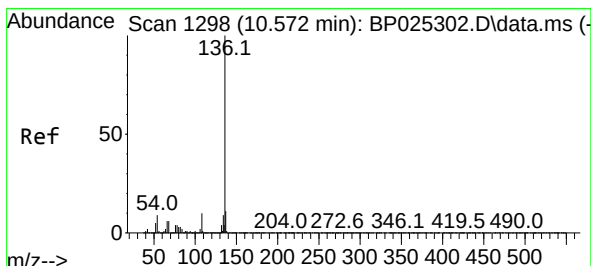
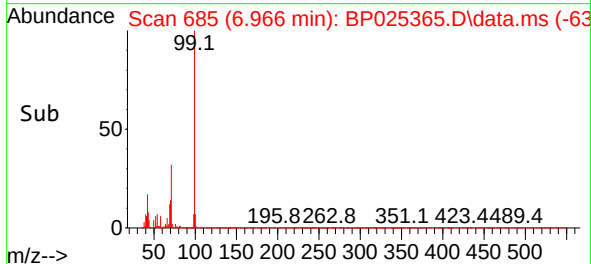
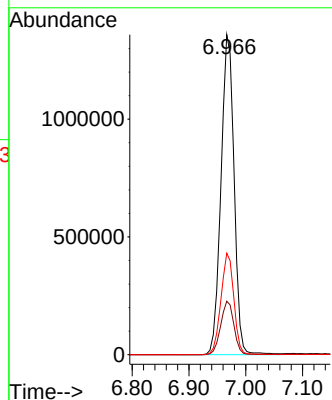
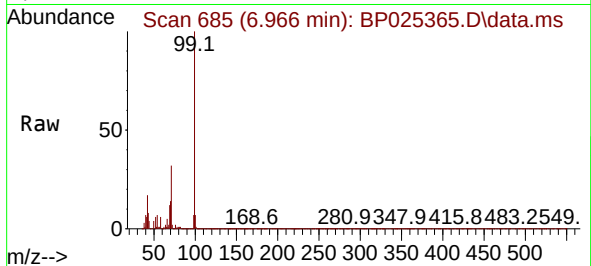




#7
Phenol-d6
Concen: 118.075 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

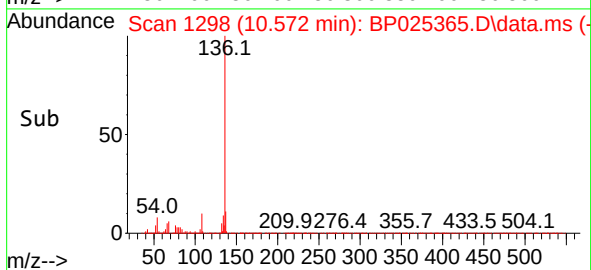
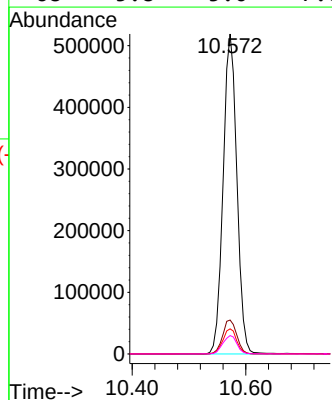
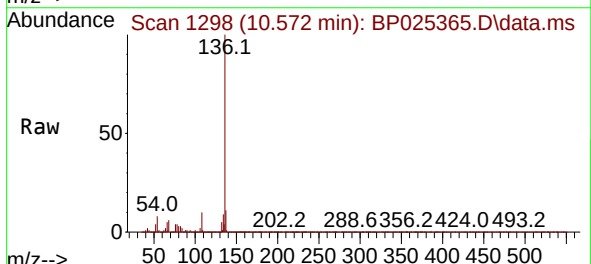
Instrument :
BNA_P
ClientSampleId :
PB169162BL

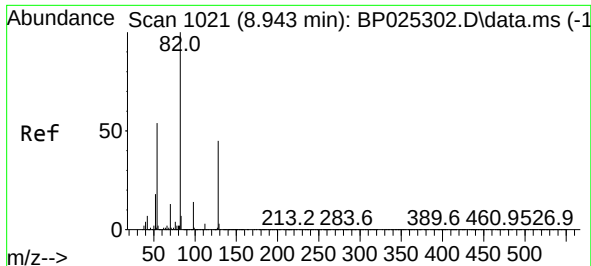
Tgt Ion: 99 Resp: 2184312
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.6
71 31.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

Tgt Ion: 136 Resp: 873160
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.9 7.0 10.6
68 5.8 5.0 7.6

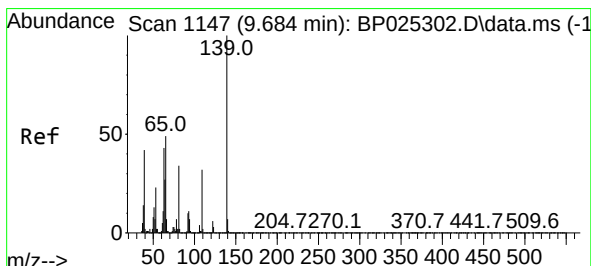
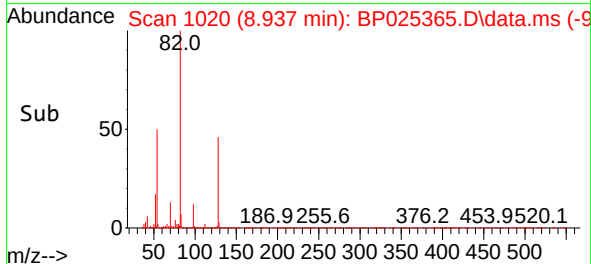
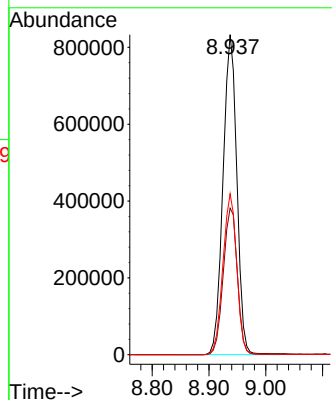
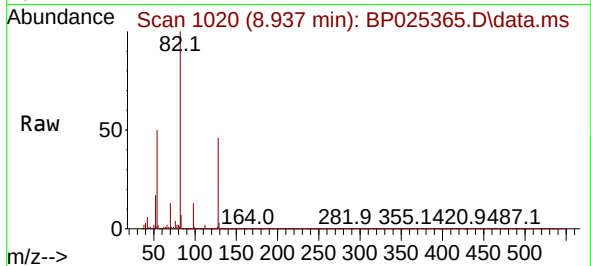




#23
Nitrobenzene-d5
Concen: 89.722 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

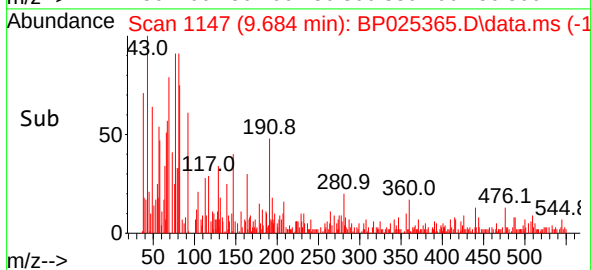
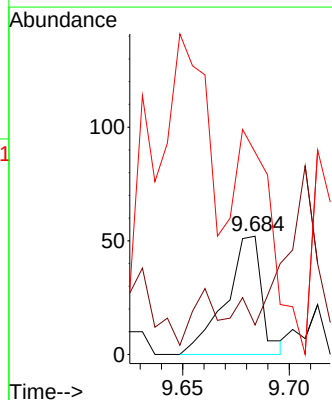
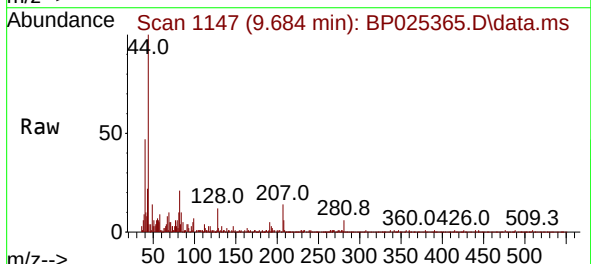
Instrument :
BNA_P
ClientSampleId :
PB169162BL

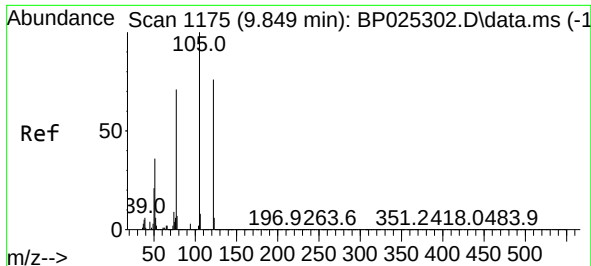
Tgt Ion: 82 Resp: 1414087
Ion Ratio Lower Upper
82 100
128 45.8 35.4 53.2
54 50.3 42.9 64.3



#26
2-Nitrophenol
Concen: 3.647 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 78.8 25.2 37.8#
65 171.2 39.6 59.4#

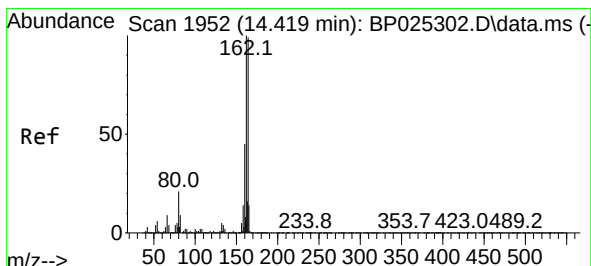
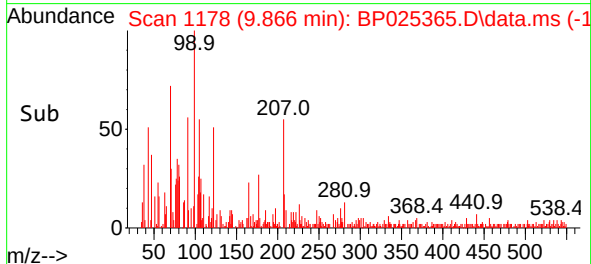
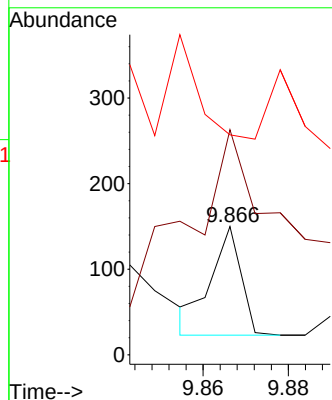
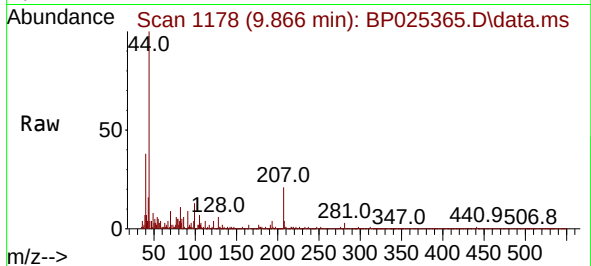




#32
Benzoic acid
Concen: 5.960 ng
RT: 9.866 min Scan# 1175
Delta R.T. 0.017 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

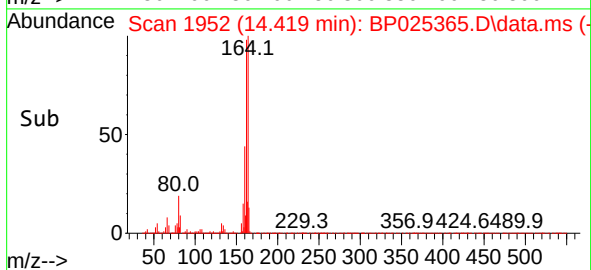
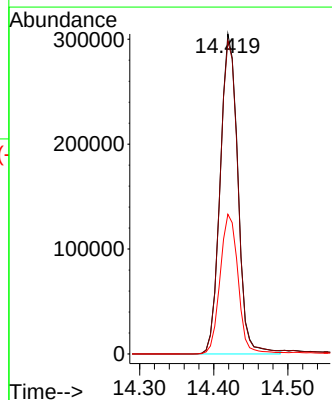
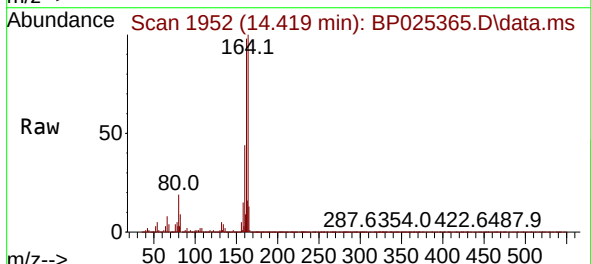
Instrument :
BNA_P
ClientSampleId :
PB169162BL

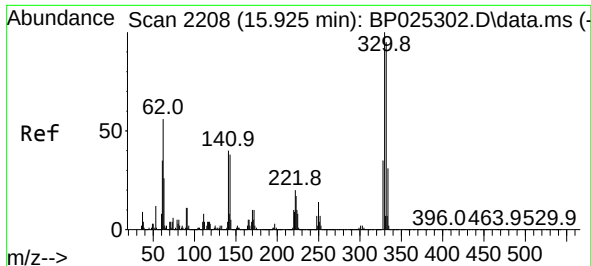
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 175.3 104.0 144.0#
77 171.3 71.8 111.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

Tgt Ion:164 Resp: 506187
Ion Ratio Lower Upper
164 100
162 97.9 80.6 120.8
160 43.7 35.9 53.9

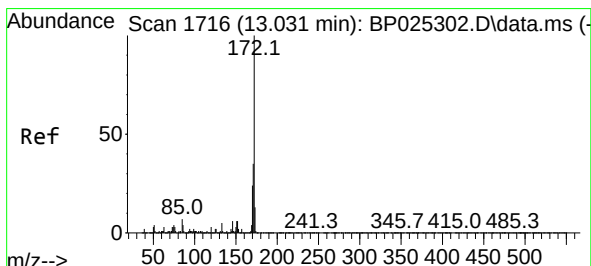
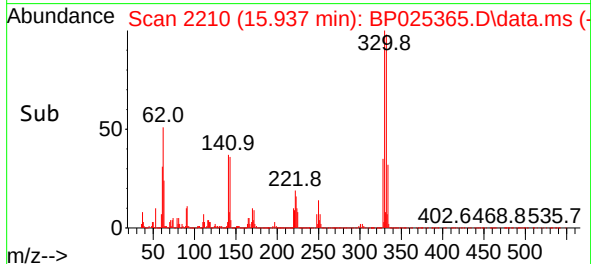
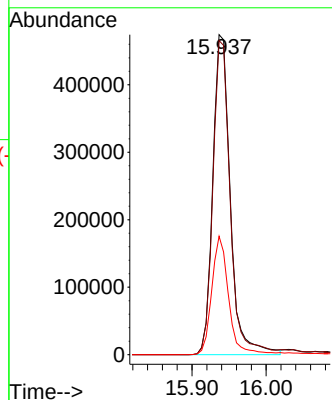
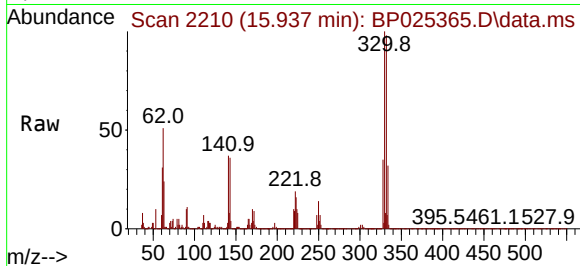




#42
2,4,6-Tribromophenol
Concen: 154.028 ng
RT: 15.937 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

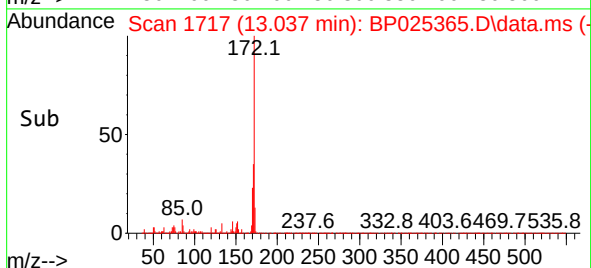
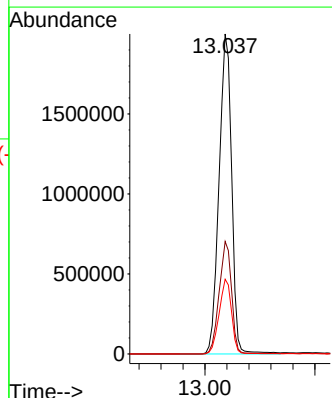
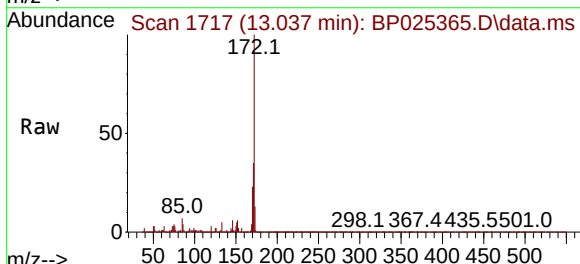
Instrument :
BNA_P
ClientSampleId :
PB169162BL

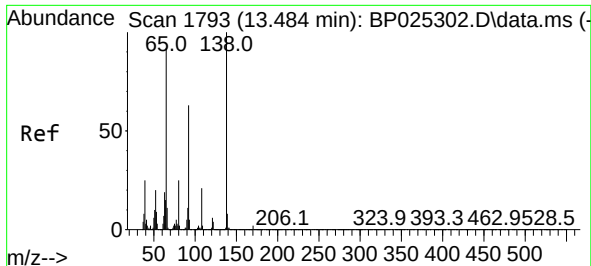
Tgt Ion:330 Resp: 777812
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 36.8 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 86.720 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025365.D
Acq: 12 Aug 2025 13:36

Tgt Ion:172 Resp: 3178141
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 18.9 28.3





#48

2-Nitroaniline

Concen: 2.983 ng

RT: 13.501 min Scan# 11

Delta R.T. 0.017 min

Lab File: BP025365.D

Acq: 12 Aug 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB169162BL

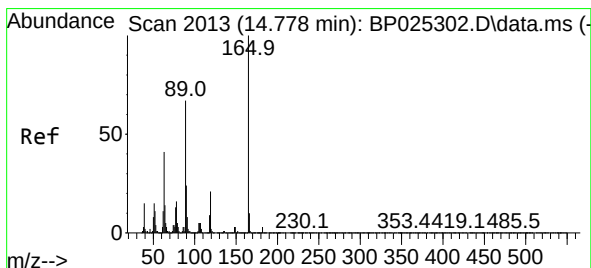
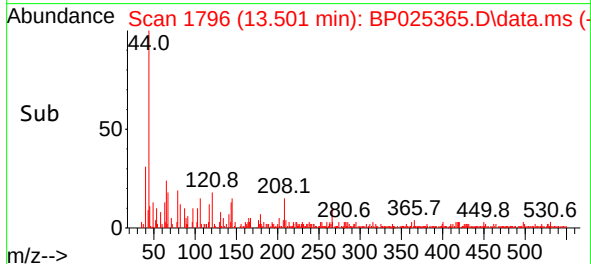
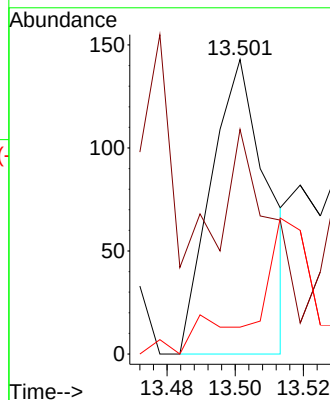
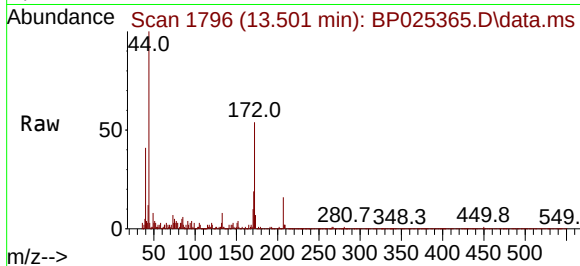
Tgt Ion: 65 Resp: 165

Ion Ratio Lower Upper

65 100

92 76.2 54.4 81.6

138 9.1 87.0 130.4#



#57

2,4-Dinitrotoluene

Concen: 3.264 ng

RT: 14.801 min Scan# 2017

Delta R.T. 0.023 min

Lab File: BP025365.D

Acq: 12 Aug 2025 13:36

Tgt Ion: 165 Resp: 98

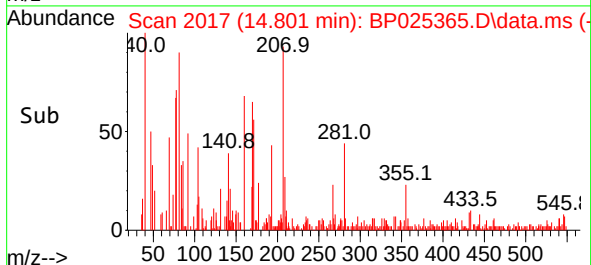
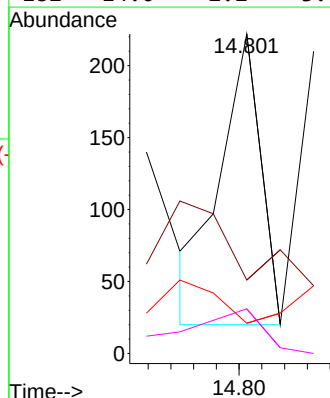
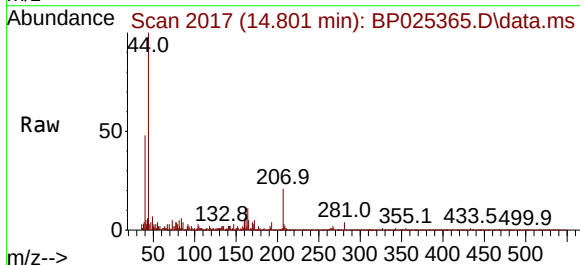
Ion Ratio Lower Upper

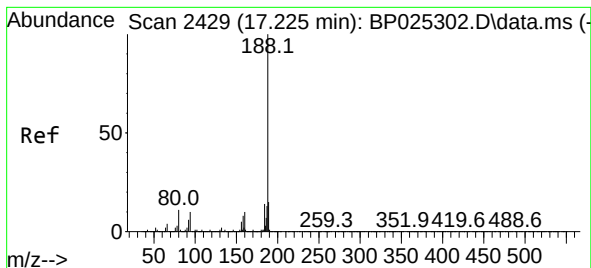
165 100

63 23.0 33.2 49.8#

89 9.5 53.5 80.3#

182 14.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BP025365.D

Acq: 12 Aug 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB169162BL

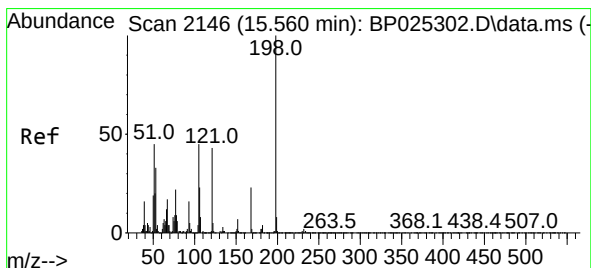
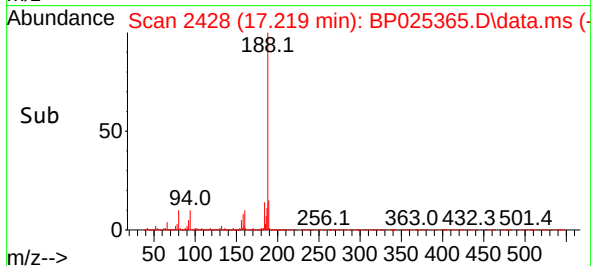
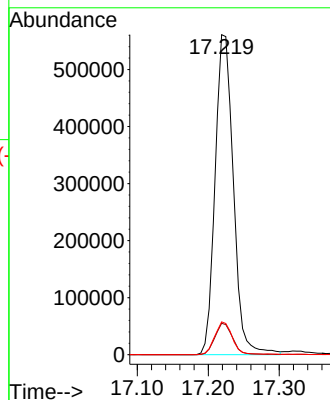
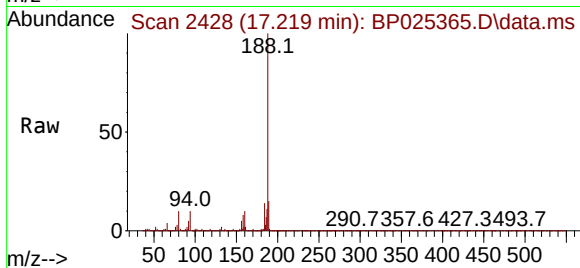
Tgt Ion:188 Resp: 1004280

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

80 10.2 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 4.839 ng

RT: 15.566 min Scan# 2147

Delta R.T. 0.006 min

Lab File: BP025365.D

Acq: 12 Aug 2025 13:36

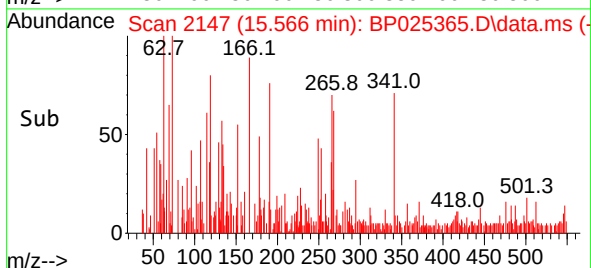
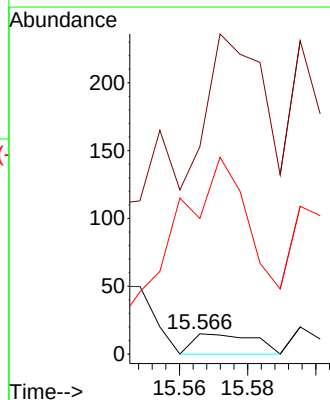
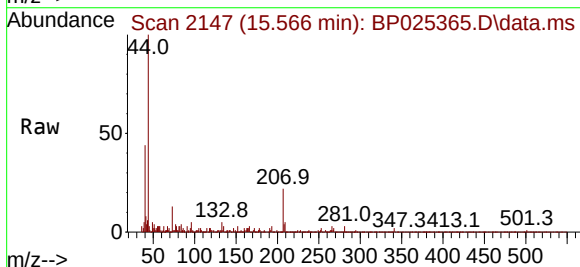
Tgt Ion:198 Resp: 19

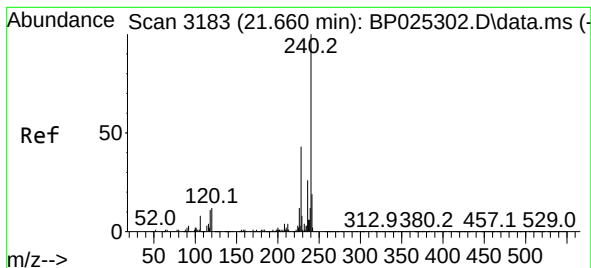
Ion Ratio Lower Upper

198 100

51 1020.0 26.7 66.7#

105 666.7 25.6 65.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.666 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025365.D

Acq: 12 Aug 2025 13:36

Instrument :

BNA_P

ClientSampleId :

PB169162BL

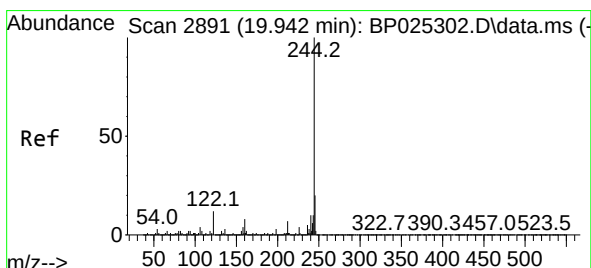
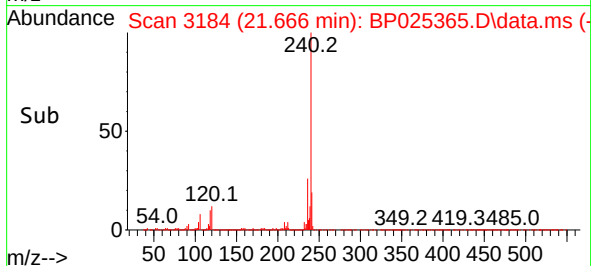
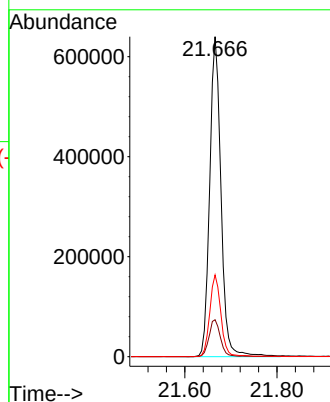
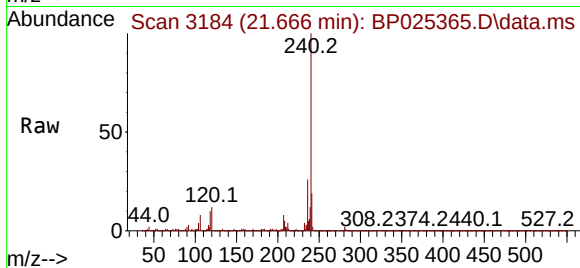
Tgt Ion:240 Resp: 1092322

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 88.043 ng

RT: 19.936 min Scan# 2890

Delta R.T. -0.006 min

Lab File: BP025365.D

Acq: 12 Aug 2025 13:36

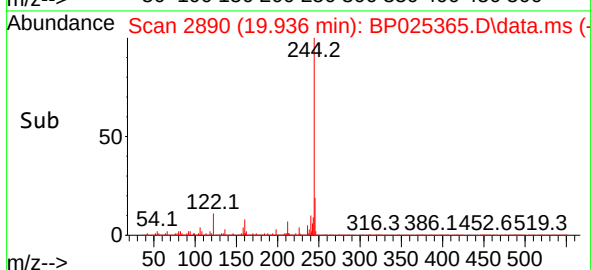
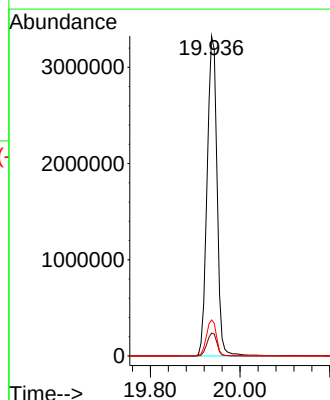
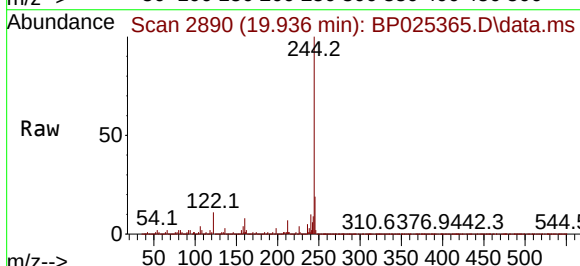
Tgt Ion:244 Resp: 5091728

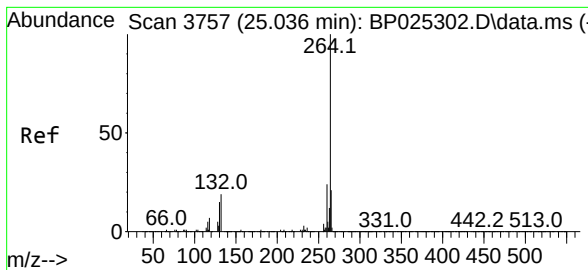
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.2 9.5 14.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.060 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BP025365.D
 Acq: 12 Aug 2025 13:36

Instrument :
 BNA_P
 ClientSampleId :
 PB169162BL

Tgt Ion:264 Resp: 1212164
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.1 25.7

