

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025363.D
 Acq On : 12 Aug 2025 12:12
 Operator : CG/JU
 Sample : PB169180BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169180BL

Quant Time: Aug 12 12:35:00 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)

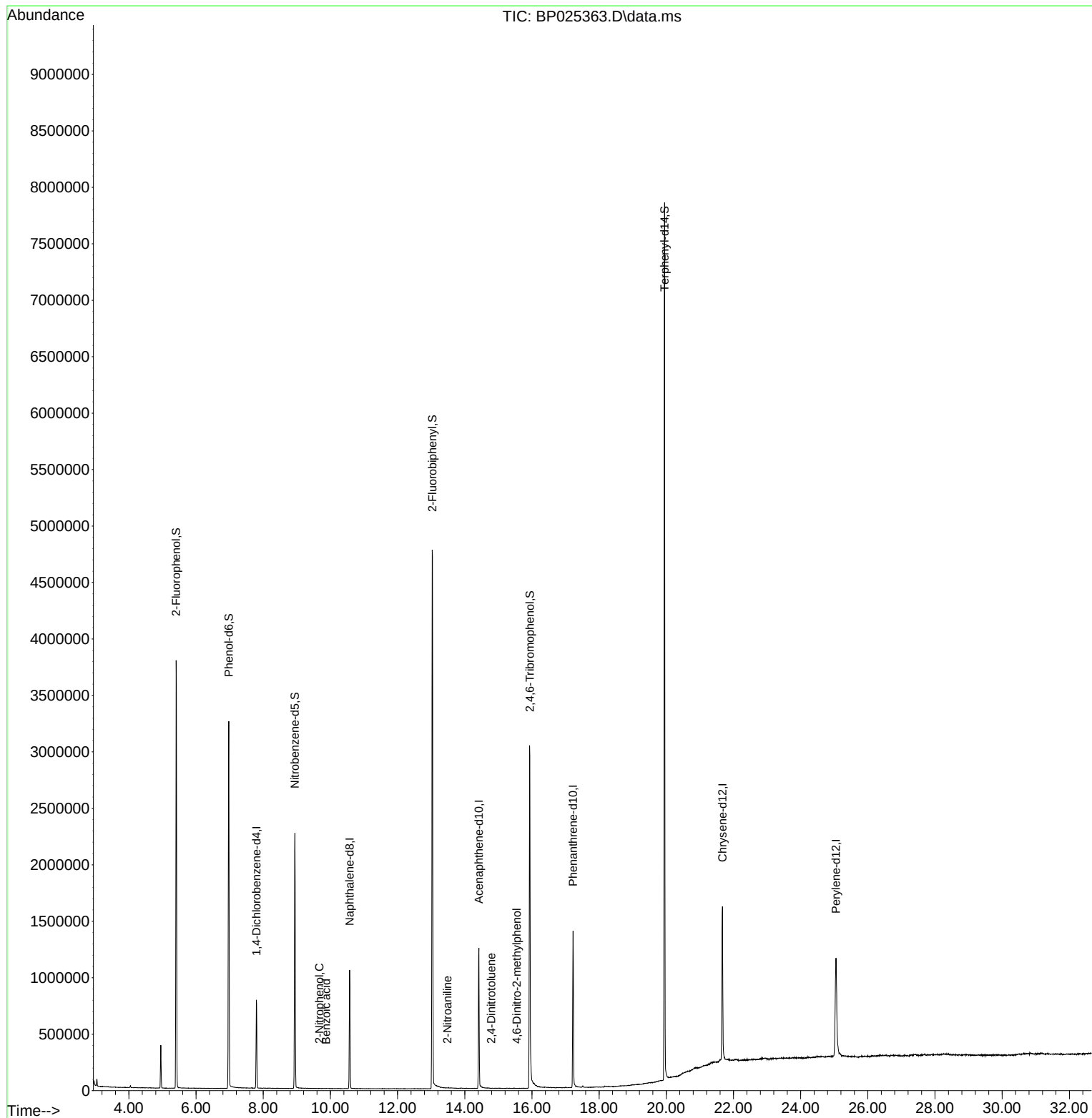
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	223850	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	834408	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	478110	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	927445	20.000	ng	0.00
76) Chrysene-d12	21.671	240	966084	20.000	ng	0.01
86) Perylene-d12	25.054	264	1157346	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1730160	124.312	ng	0.00
7) Phenol-d6	6.972	99	2002834	109.343	ng	0.00
23) Nitrobenzene-d5	8.943	82	1296349	86.072	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	691825	145.046	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	2924204	84.477	ng	0.00
79) Terphenyl-d14	19.948	244	4130131	80.748	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.672	139	34	3.643	ng	# 26
32) Benzoic acid	9.866	122	55	5.960	ng	# 1
48) 2-Nitroaniline	13.484	65	26	2.967	ng	# 27
57) 2,4-Dinitrotoluene	14.790	165	230	3.276	ng	# 67
65) 4,6-Dinitro-2-methylph...	15.548	198	27	4.842	ng	# 1

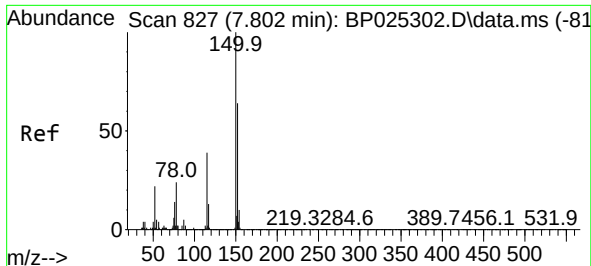
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025363.D
Acq On : 12 Aug 2025 12:12
Operator : CG/JU
Sample : PB169180BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169180BL

Quant Time: Aug 12 12:35:00 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

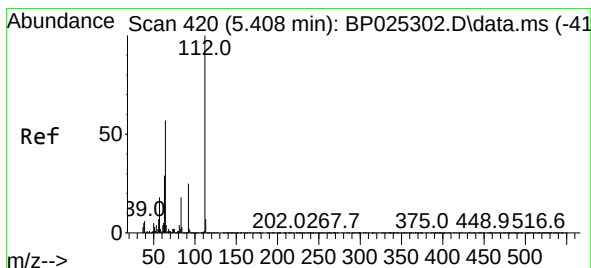
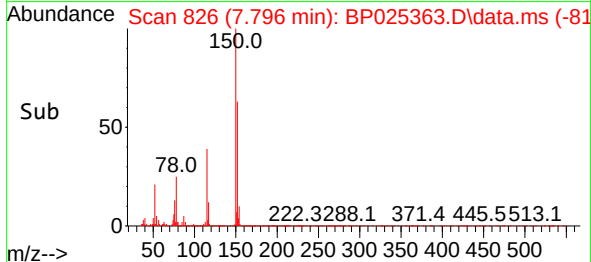
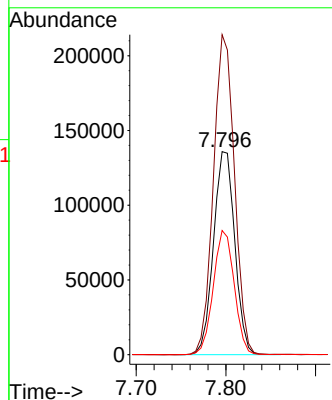
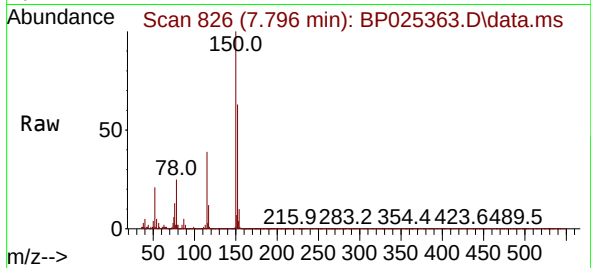




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.796 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025363.D
 Acq: 12 Aug 2025 12:12

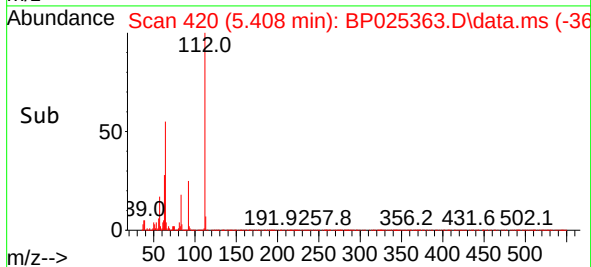
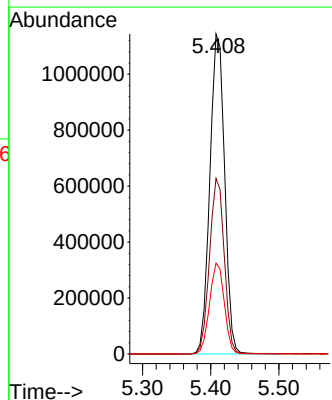
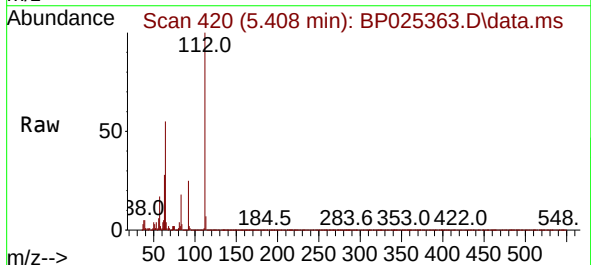
Instrument :
 BNA_P
 ClientSampleId :
 PB169180BL

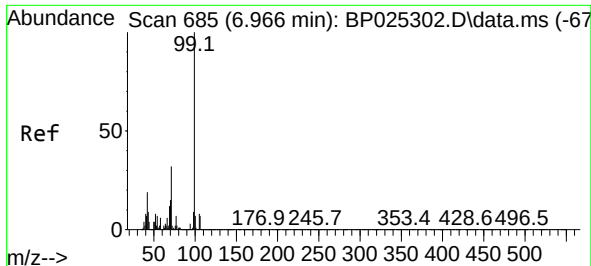
Tgt Ion:152 Resp: 223850
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.1 187.7
 115 61.1 48.4 72.6



#5
 2-Fluorophenol
 Concen: 124.312 ng
 RT: 5.408 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025363.D
 Acq: 12 Aug 2025 12:12

Tgt Ion:112 Resp: 1730160
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.3 67.9
 63 28.4 23.0 34.6



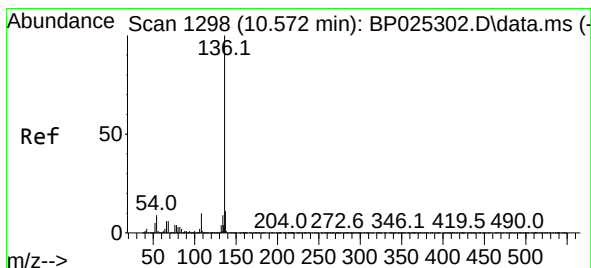
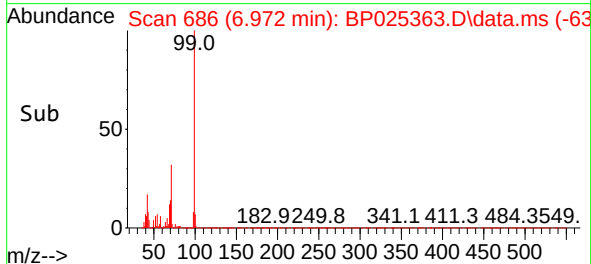
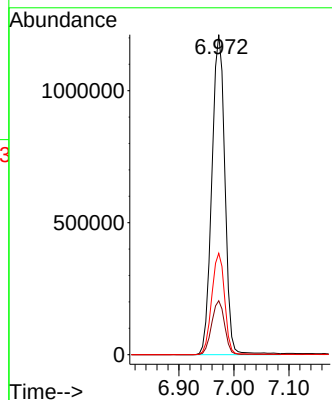
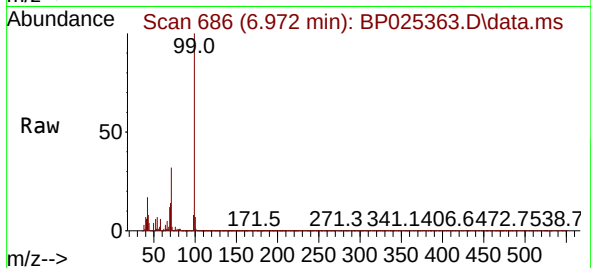


#7
Phenol-d6
Concen: 109.343 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Instrument :
BNA_P
ClientSampleId :
PB169180BL

Tgt Ion: 99 Resp: 2002834

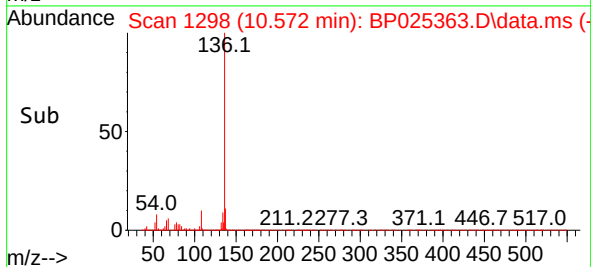
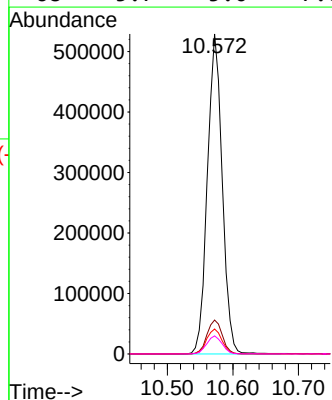
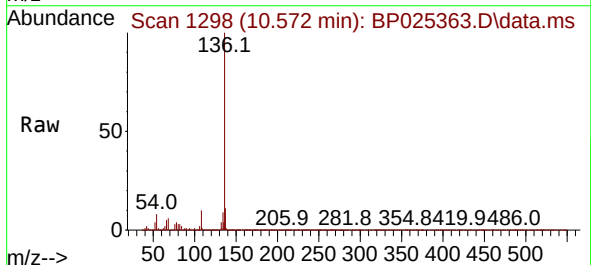
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.6
71	31.7	25.5	38.3

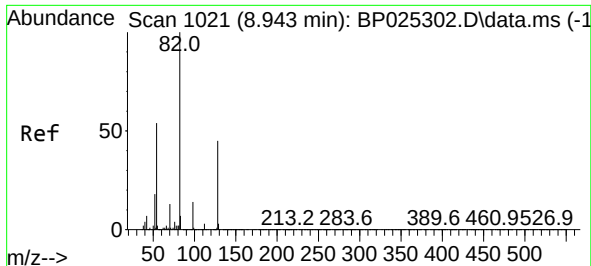


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Tgt Ion: 136 Resp: 834408

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	7.0	10.6
68	5.7	5.0	7.6

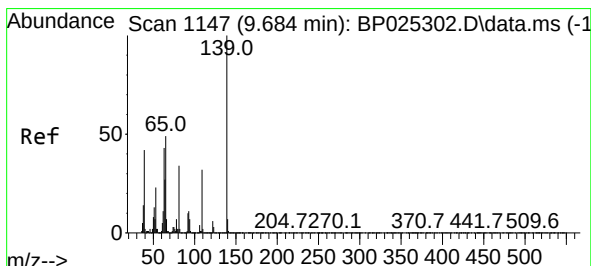
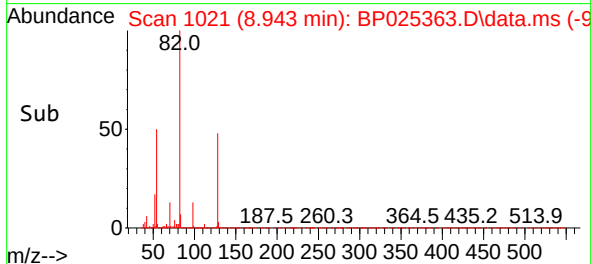
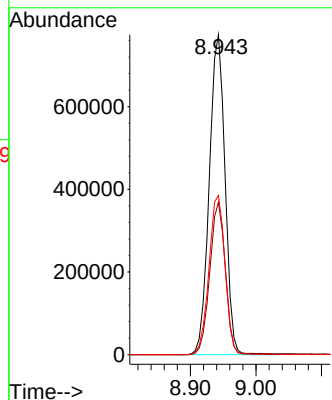
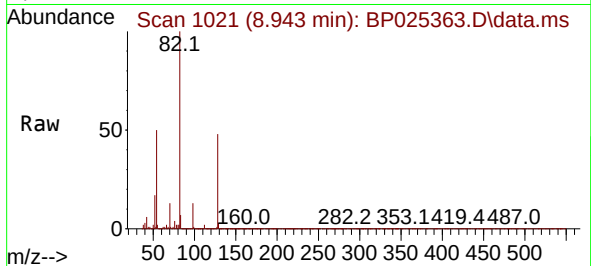




#23
Nitrobenzene-d5
Concen: 86.072 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

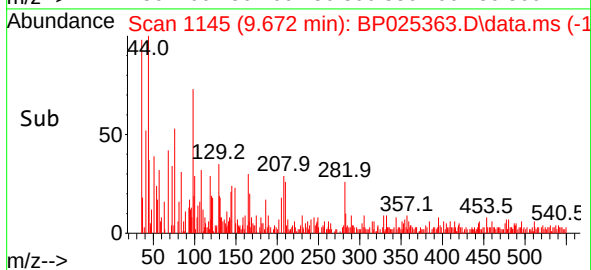
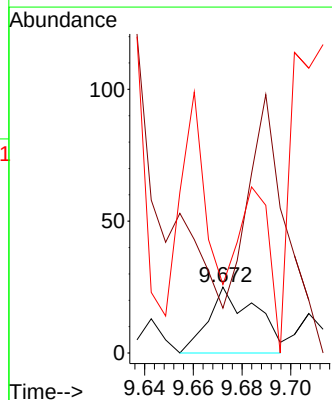
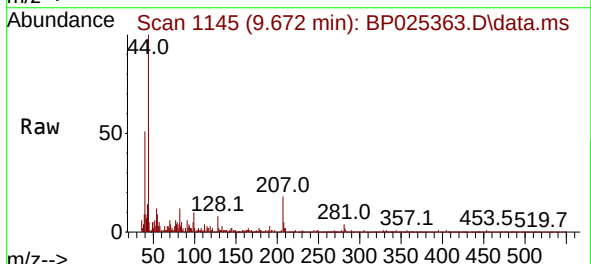
Instrument :
BNA_P
ClientSampleId :
PB169180BL

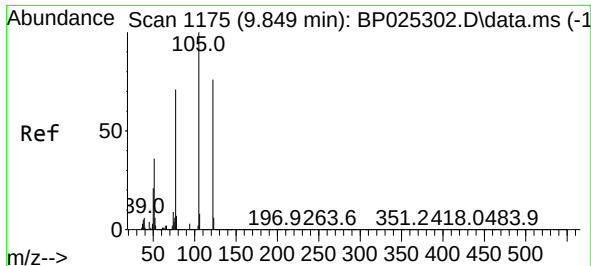
Tgt Ion: 82 Resp: 1296349
Ion Ratio Lower Upper
82 100
128 47.7 35.4 53.2
54 49.8 42.9 64.3



#26
2-Nitrophenol
Concen: 3.643 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Tgt Ion:139 Resp: 34
Ion Ratio Lower Upper
139 100
109 68.0 25.2 37.8#
65 104.0 39.6 59.4#

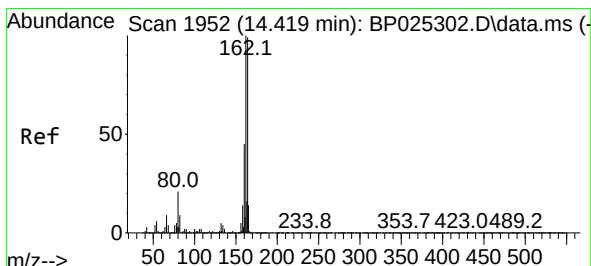
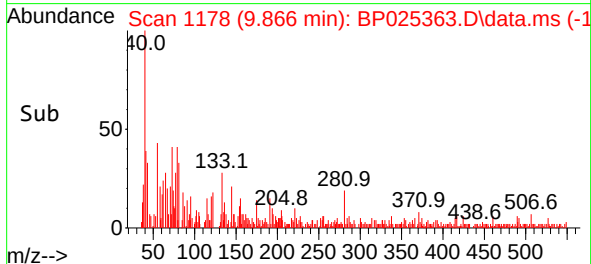
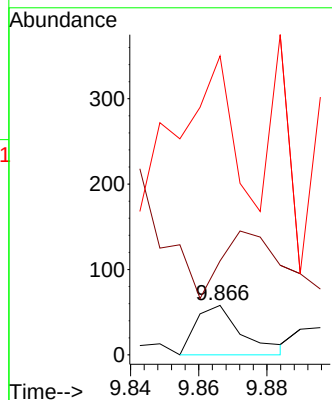
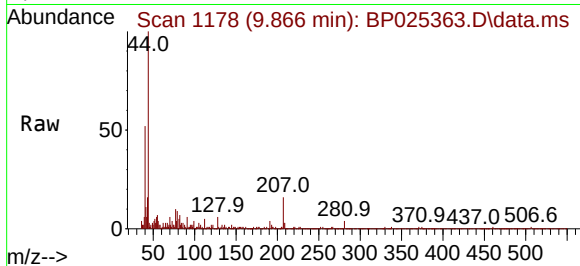




#32
Benzoic acid
Concen: 5.960 ng
RT: 9.866 min Scan# 1175
Delta R.T. 0.017 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

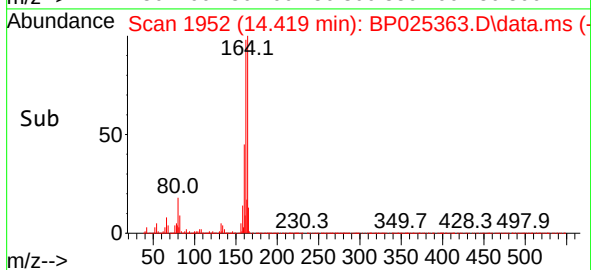
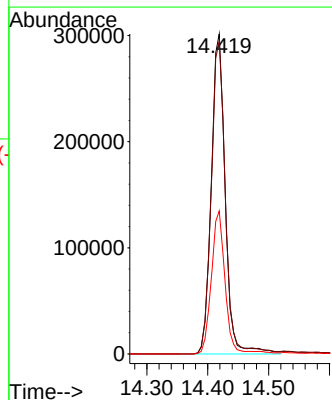
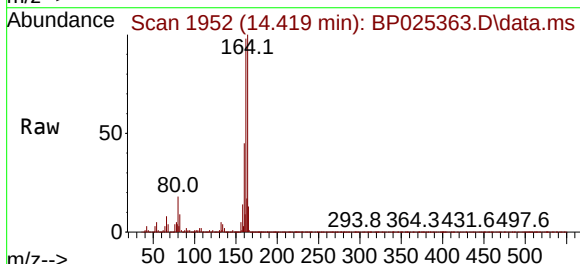
Instrument :
BNA_P
ClientSampleId :
PB169180BL

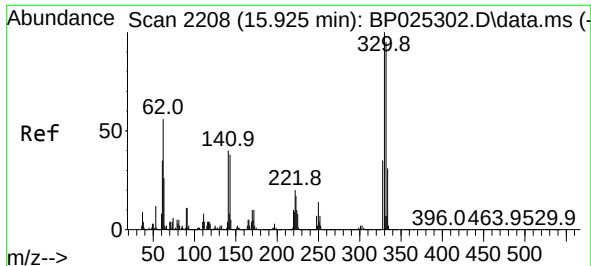
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 220.7 104.0 144.0#
77 603.4 71.8 111.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Tgt Ion:164 Resp: 478110
Ion Ratio Lower Upper
164 100
162 97.7 80.6 120.8
160 44.7 35.9 53.9

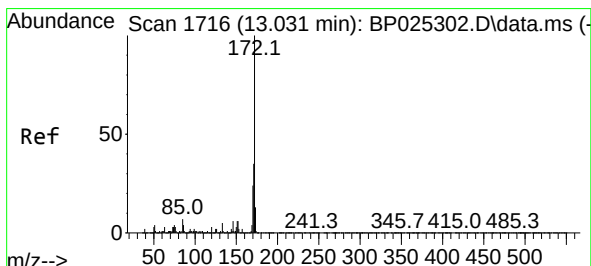
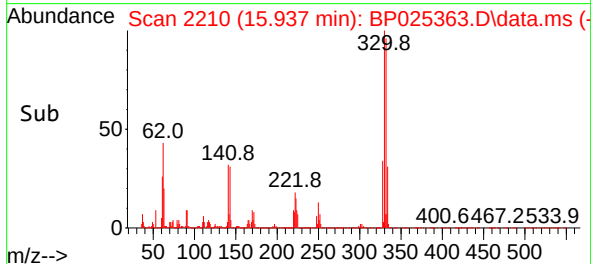
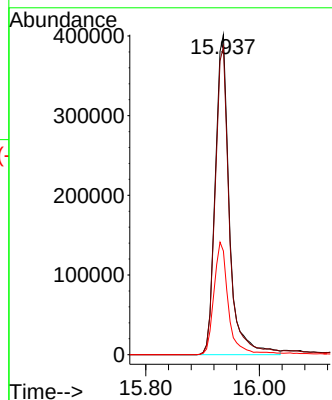
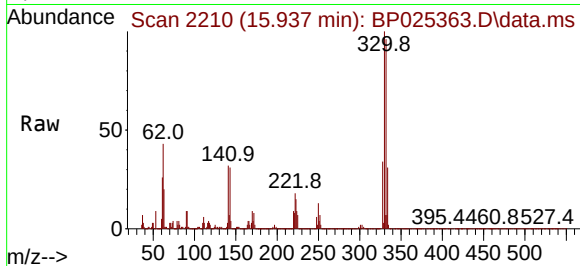




#42
2,4,6-Tribromophenol
Concen: 145.046 ng
RT: 15.937 min Scan# 211
Delta R.T. 0.011 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

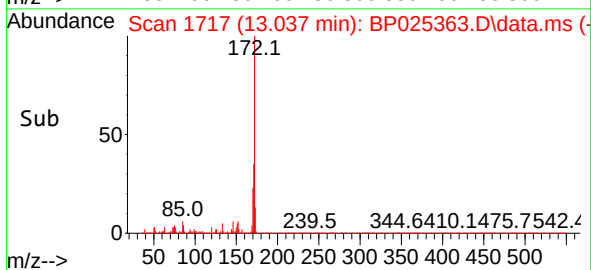
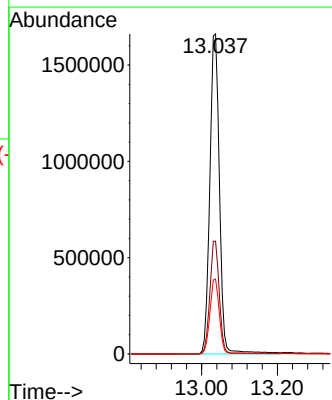
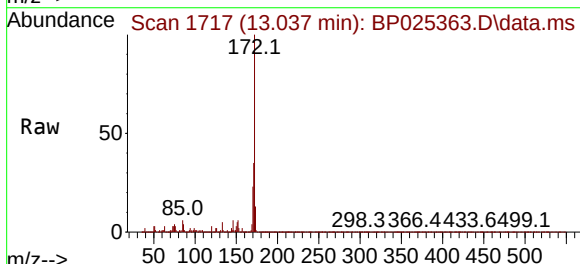
Instrument :
BNA_P
ClientSampleId :
PB169180BL

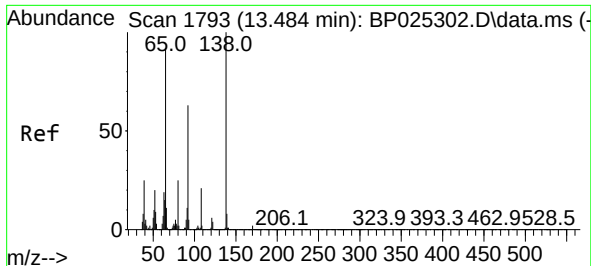
Tgt Ion:330 Resp: 691825
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 36.1 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 84.477 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Tgt Ion:172 Resp: 2924204
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 18.9 28.3

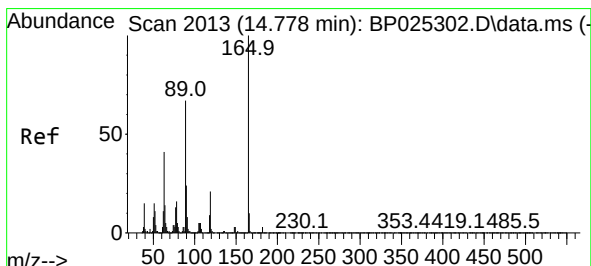
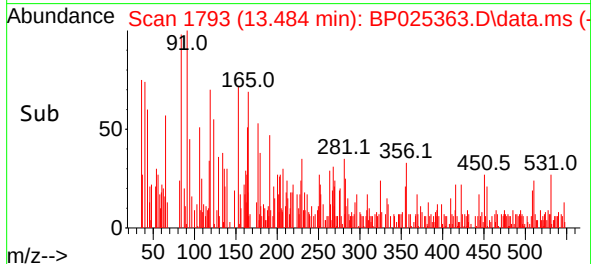
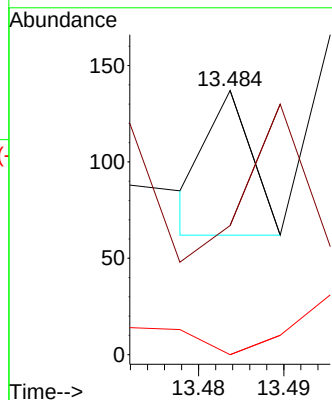
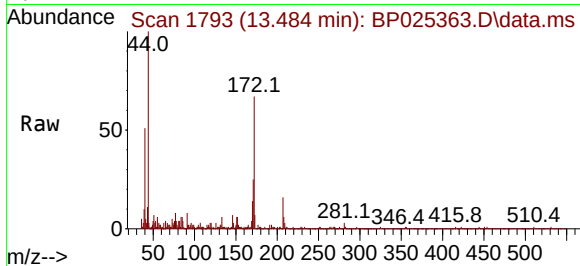




#48
2-Nitroaniline
Concen: 2.967 ng
RT: 13.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

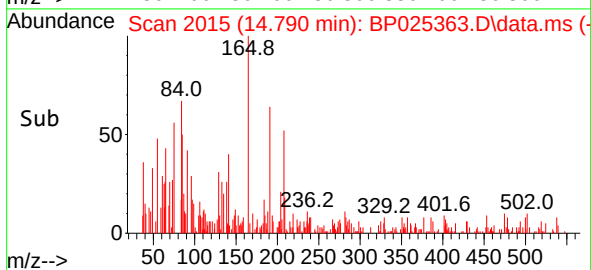
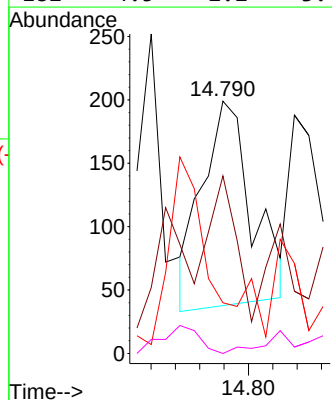
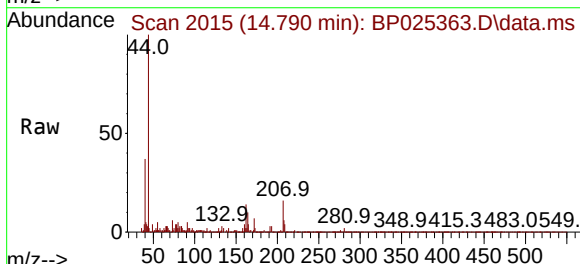
Instrument :
BNA_P
ClientSampleId :
PB169180BL

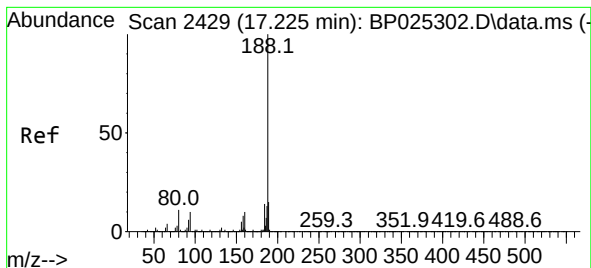
Tgt Ion: 65 Resp: 26
Ion Ratio Lower Upper
65 100
92 48.9 54.4 81.6#
138 0.0 87.0 130.4#



#57
2,4-Dinitrotoluene
Concen: 3.276 ng
RT: 14.790 min Scan# 2015
Delta R.T. 0.011 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Tgt Ion: 165 Resp: 230
Ion Ratio Lower Upper
165 100
63 70.4 33.2 49.8#
89 45.7 53.5 80.3#
182 4.5 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP025363.D

Acq: 12 Aug 2025 12:12

Instrument :

BNA_P

ClientSampleId :

PB169180BL

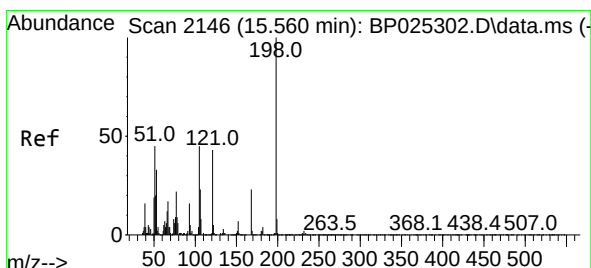
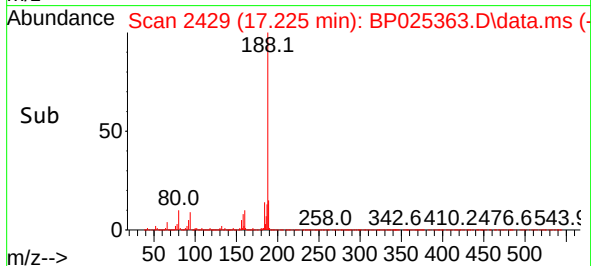
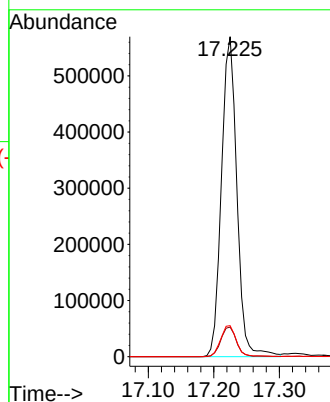
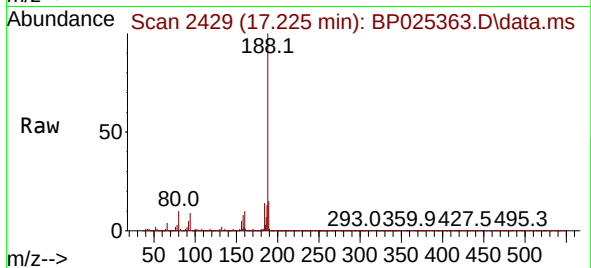
Tgt Ion:188 Resp: 927445

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

80 9.7 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 4.842 ng

RT: 15.548 min Scan# 2144

Delta R.T. -0.012 min

Lab File: BP025363.D

Acq: 12 Aug 2025 12:12

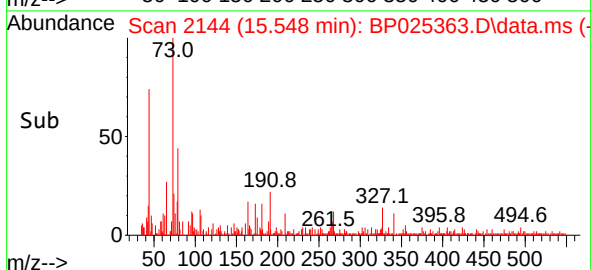
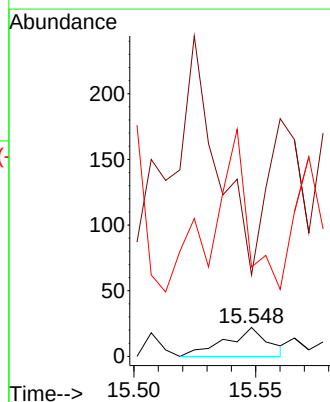
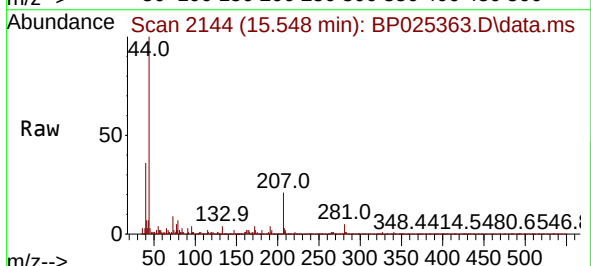
Tgt Ion:198 Resp: 27

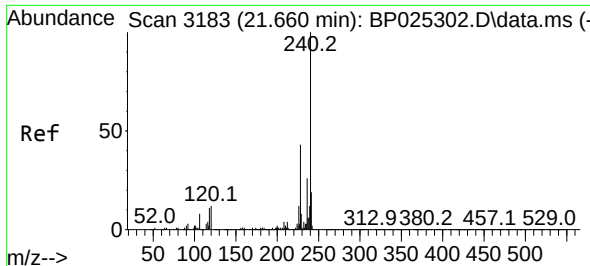
Ion Ratio Lower Upper

198 100

51 390.9 26.7 66.7#

105 309.1 25.6 65.6#

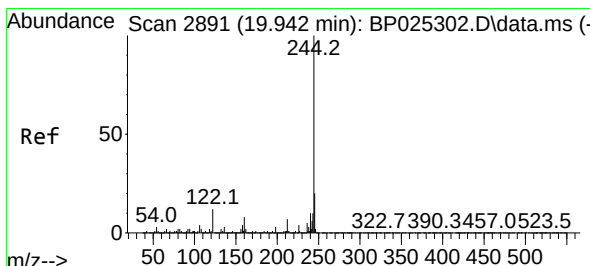
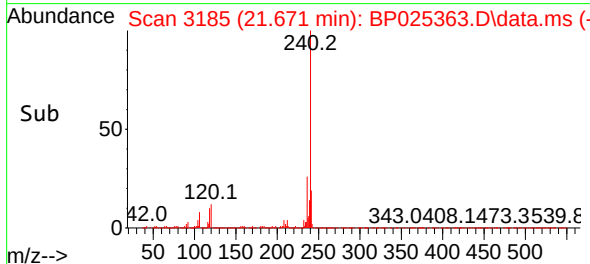
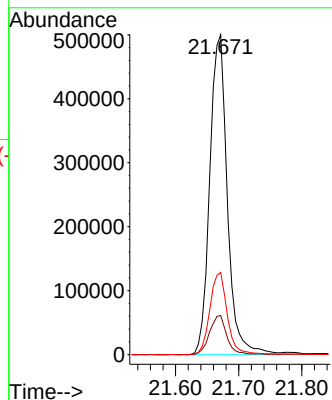
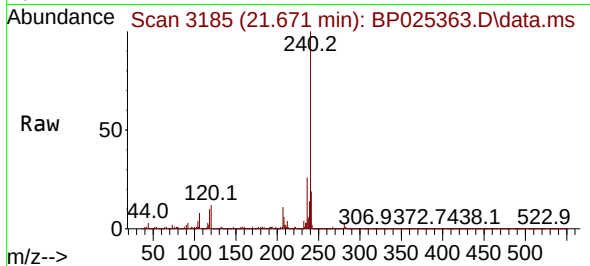




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3185
Delta R.T. 0.011 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

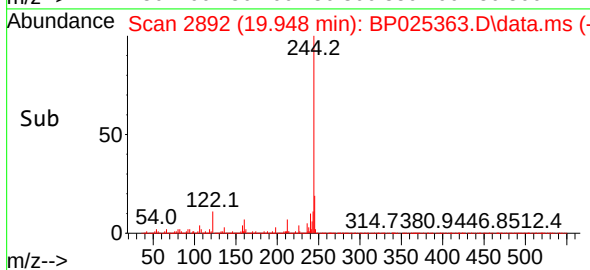
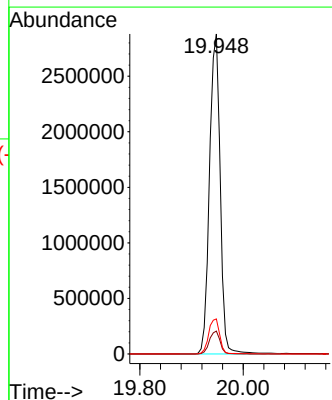
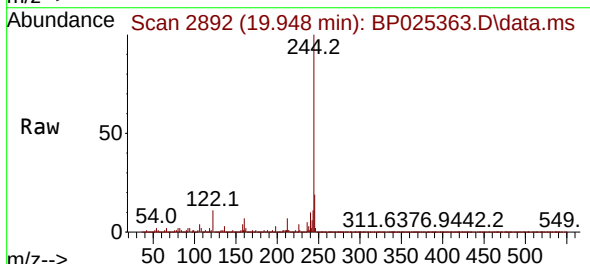
Instrument :
BNA_P
ClientSampleId :
PB169180BL

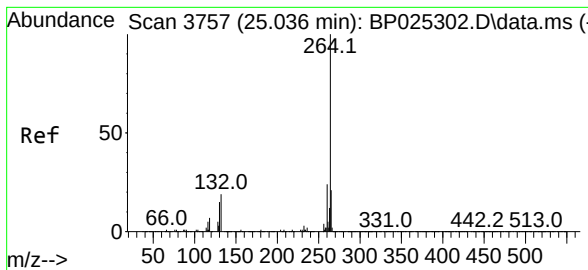
Tgt Ion:240 Resp: 966084
Ion Ratio Lower Upper
240 100
120 12.2 9.6 14.4
236 25.7 20.4 30.6



#79
Terphenyl-d14
Concen: 80.748 ng
RT: 19.948 min Scan# 2892
Delta R.T. 0.006 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Tgt Ion:244 Resp: 4130131
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.9 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.054 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP025363.D
Acq: 12 Aug 2025 12:12

Instrument :
BNA_P
ClientSampleId :
PB169180BL

Tgt Ion:264 Resp: 1157346

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.7	17.1	25.7

