

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025369.D
 Acq On : 12 Aug 2025 16:37
 Operator : CG/JU
 Sample : Q2798-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6

Quant Time: Aug 12 16:59:43 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)

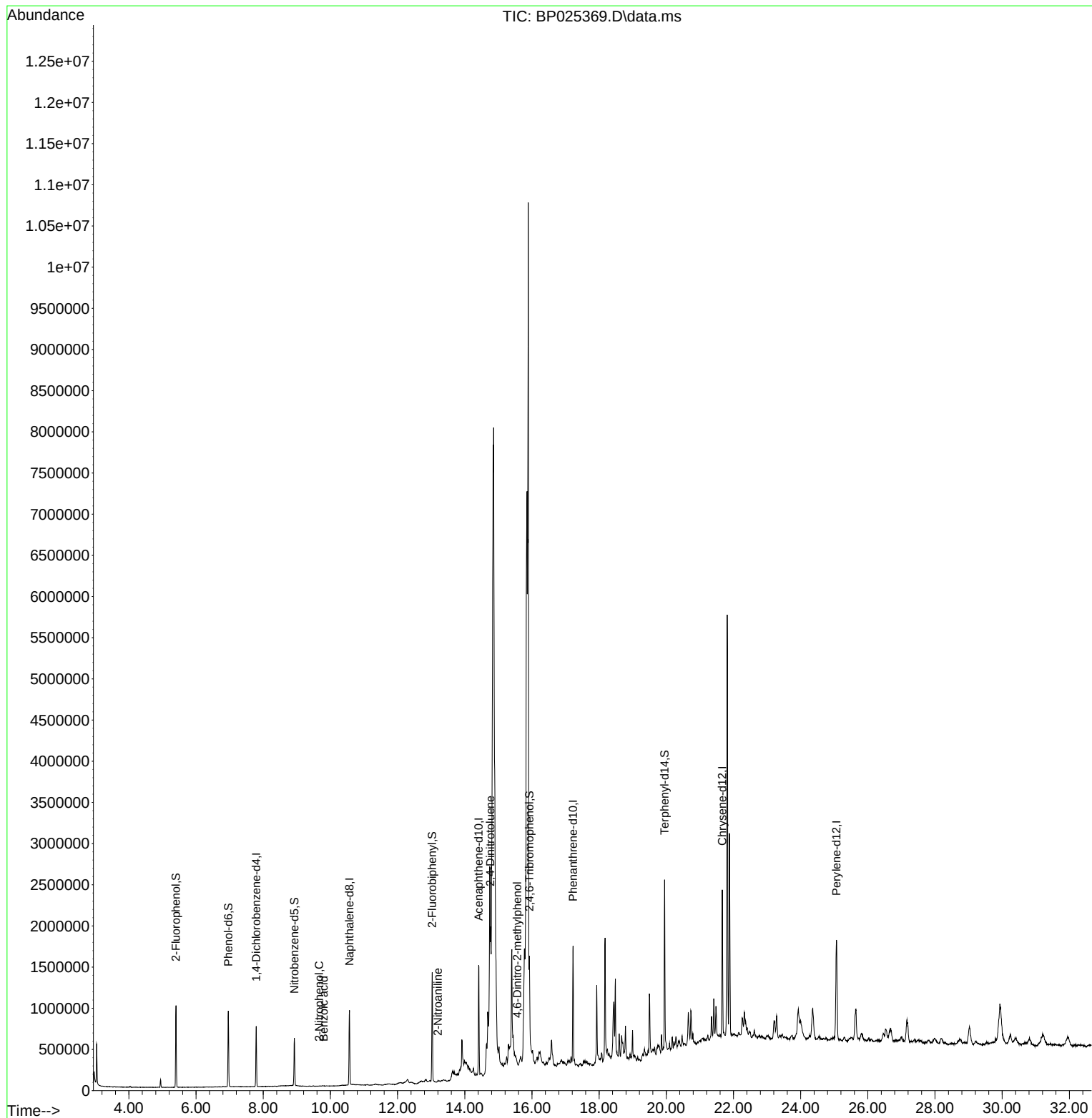
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	199805	20.000	ng	-0.01
21) Naphthalene-d8	10.566	136	790266	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	468797	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	873471	20.000	ng	0.00
76) Chrysene-d12	21.666	240	1039118	20.000	ng	0.00
86) Perylene-d12	25.066	264	1223020	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	424425	34.165	ng	0.00
7) Phenol-d6	6.961	99	530840	32.468	ng	0.00
23) Nitrobenzene-d5	8.925	82	325571	22.824	ng	-0.02
42) 2,4,6-Tribromophenol	15.925	330	183557	39.249	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	684450	20.166	ng	0.00
79) Terphenyl-d14	19.948	244	991035	18.014	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.666	139	93	3.653	ng	# 1
32) Benzoic acid	9.802	122	1346	6.160	ng	91
48) 2-Nitroaniline	13.201	65	304	3.001	ng	89
57) 2,4-Dinitrotoluene	14.760	165	765	3.328	ng	# 89
65) 4,6-Dinitro-2-methylph...	15.560	198	107	4.867	ng	# 1

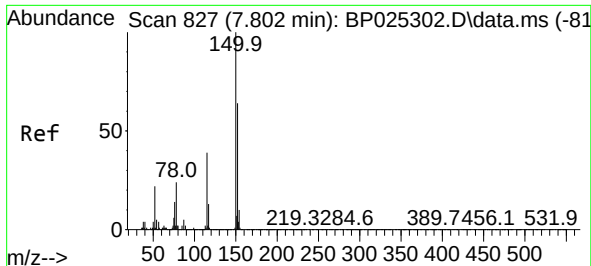
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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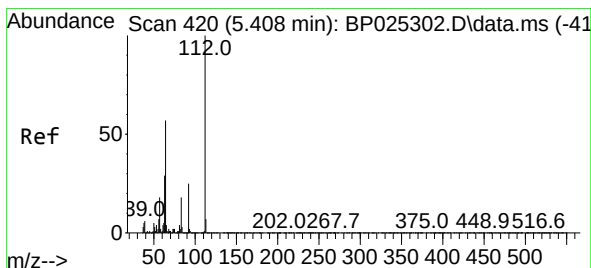
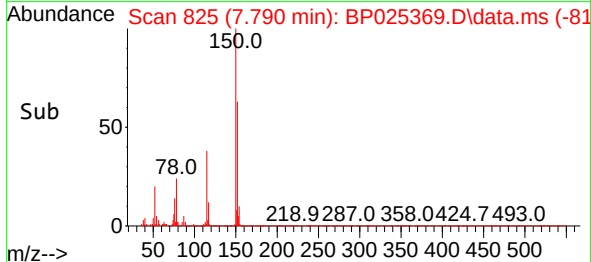
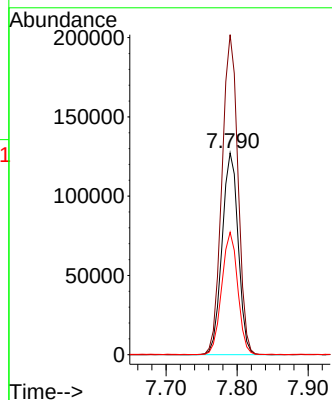
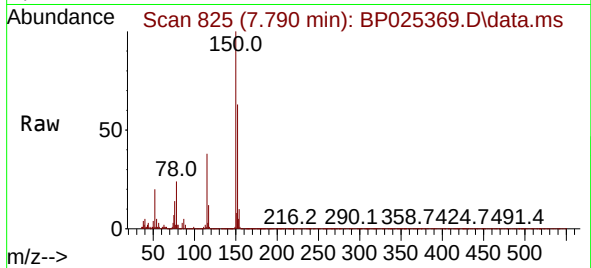




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025369.D
 Acq: 12 Aug 2025 16:37

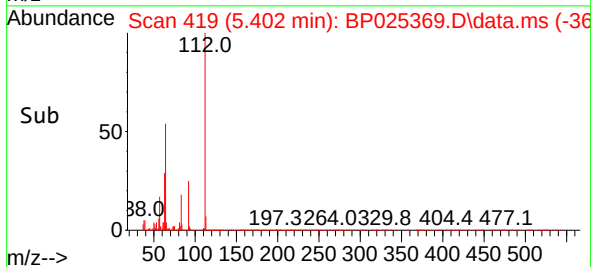
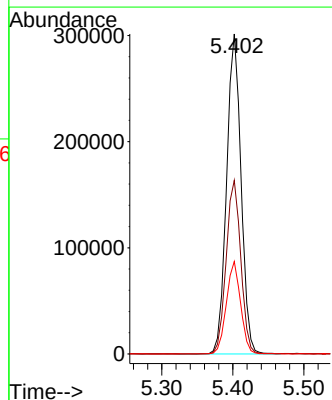
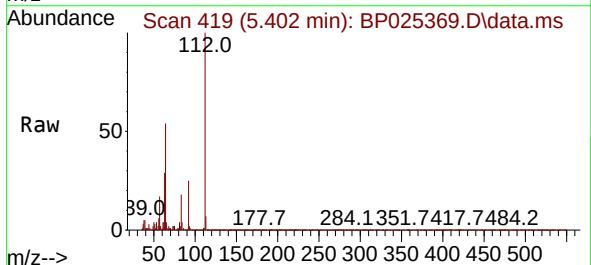
Instrument :
 BNA_P
 ClientSampleId :
 TP-6

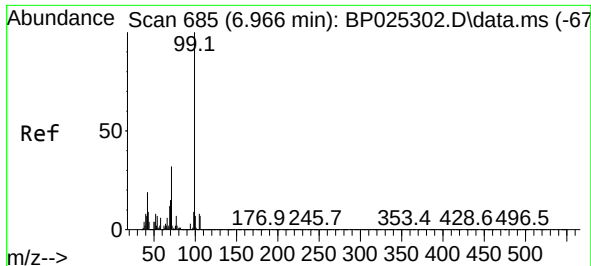
Tgt Ion:152 Resp: 199805
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.1 187.7
 115 60.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 34.165 ng
 RT: 5.402 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025369.D
 Acq: 12 Aug 2025 16:37

Tgt Ion:112 Resp: 424425
 Ion Ratio Lower Upper
 112 100
 64 54.2 45.3 67.9
 63 28.9 23.0 34.6

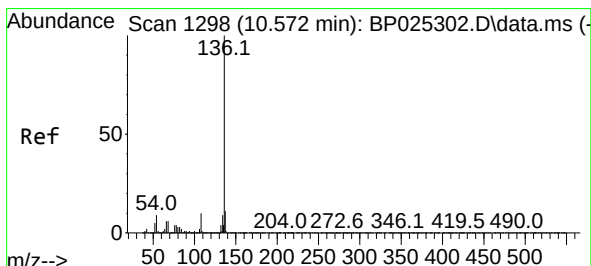
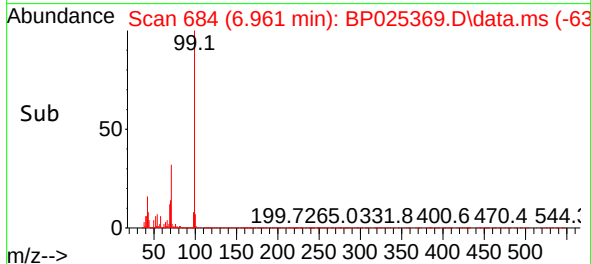
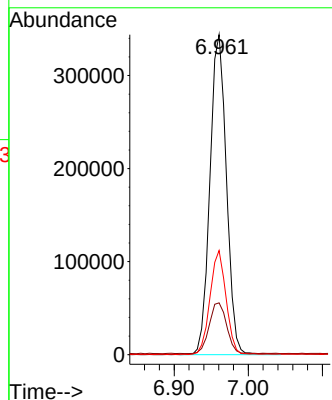
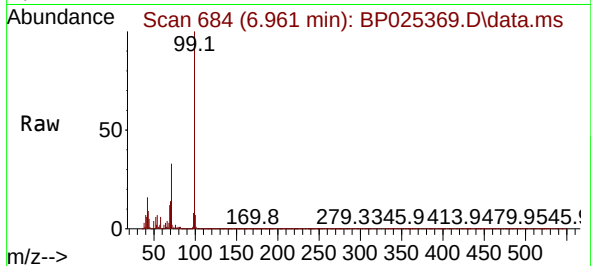




#7
Phenol-d6
Concen: 32.468 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

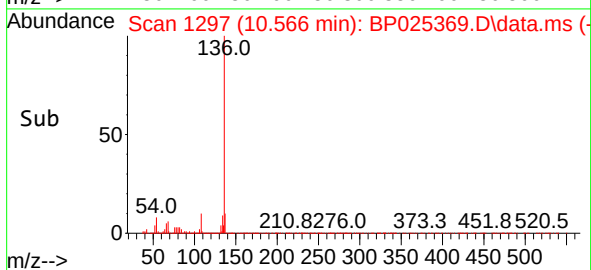
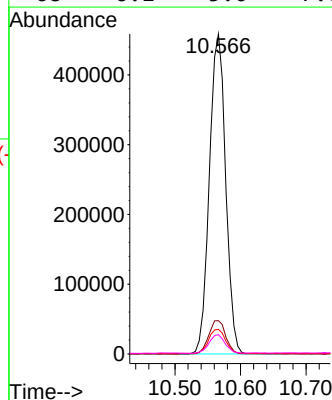
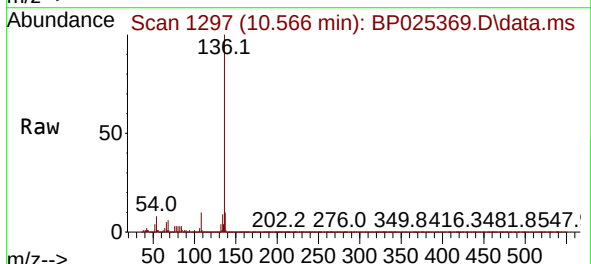
Instrument :
BNA_P
ClientSampleId :
TP-6

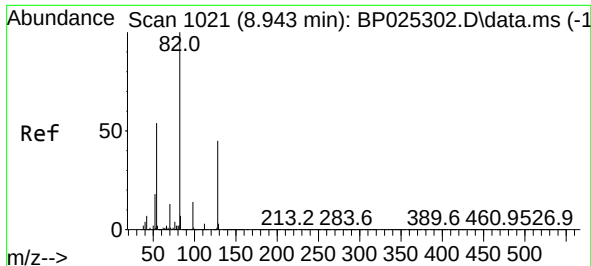
Tgt Ion: 99 Resp: 530840
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 32.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

Tgt Ion: 136 Resp: 790266
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.7 7.0 10.6
68 6.1 5.0 7.6

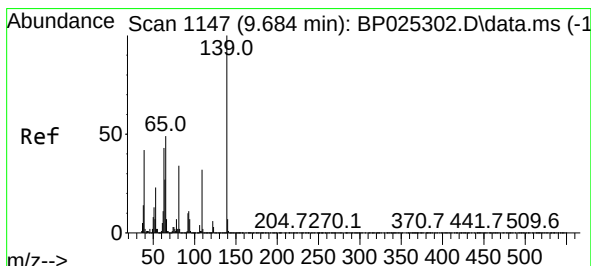
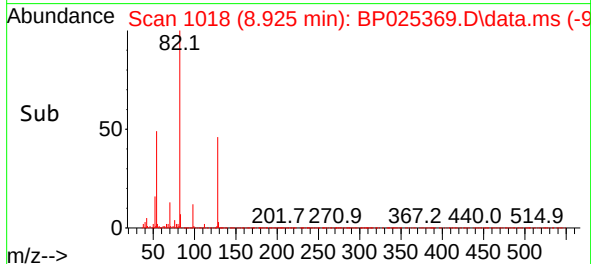
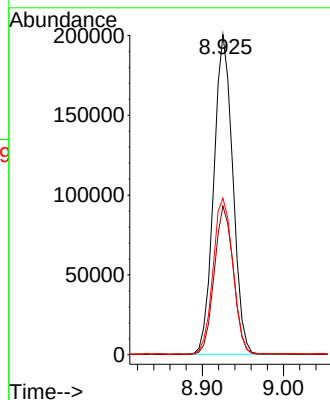
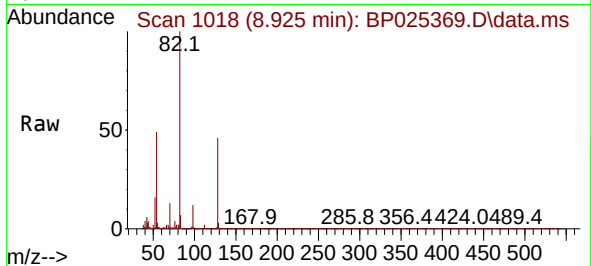




#23
Nitrobenzene-d5
Concen: 22.824 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

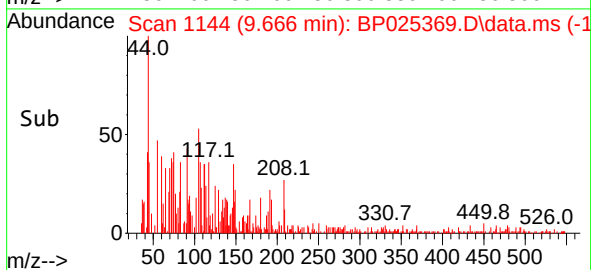
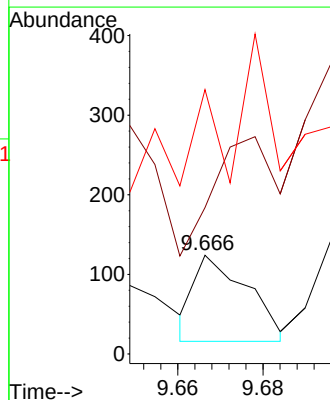
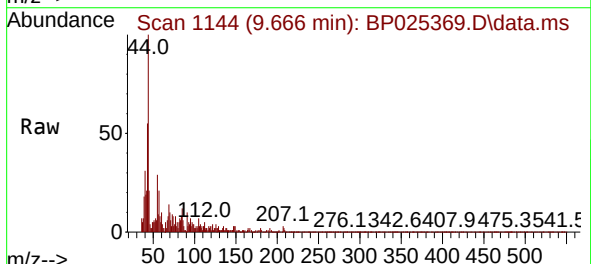
Instrument :
BNA_P
ClientSampleId :
TP-6

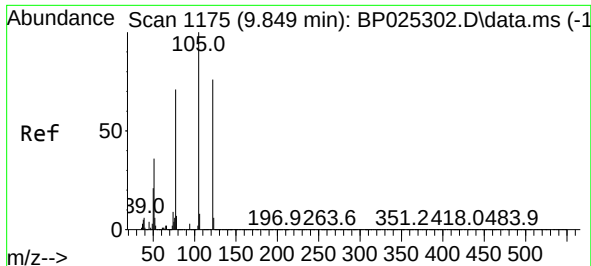
Tgt Ion: 82 Resp: 325571
Ion Ratio Lower Upper
82 100
128 46.4 35.4 53.2
54 48.9 42.9 64.3



#26
2-Nitrophenol
Concen: 3.653 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.018 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

Tgt Ion:139 Resp: 93
Ion Ratio Lower Upper
139 100
109 148.4 25.2 37.8#
65 267.7 39.6 59.4#

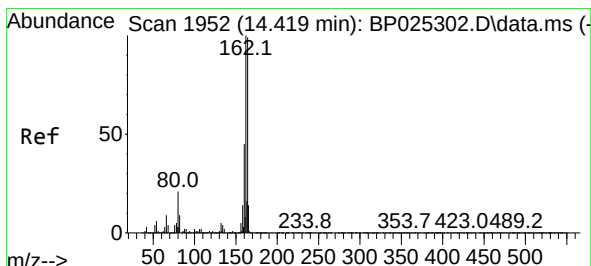
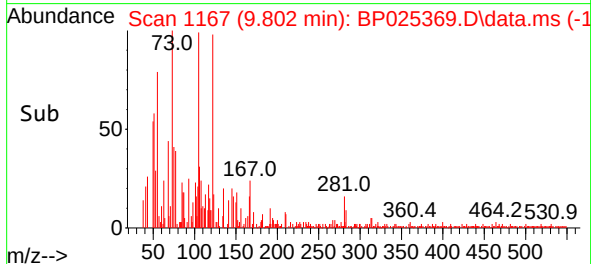
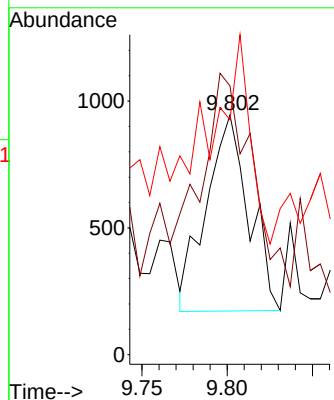
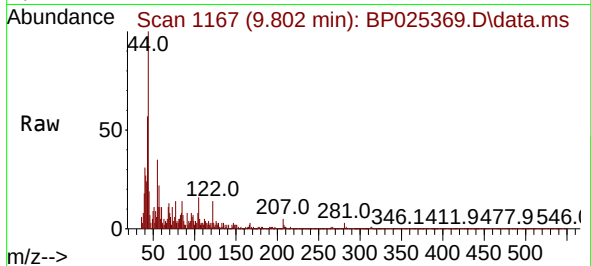




#32
Benzoic acid
Concen: 6.160 ng
RT: 9.802 min Scan# 1175
Delta R.T. -0.047 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

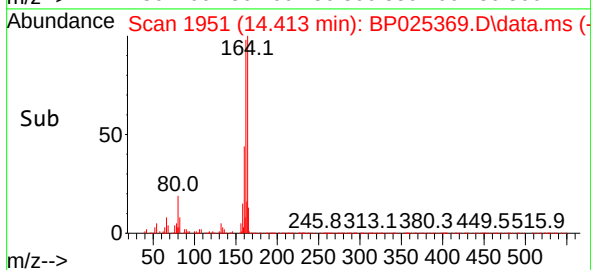
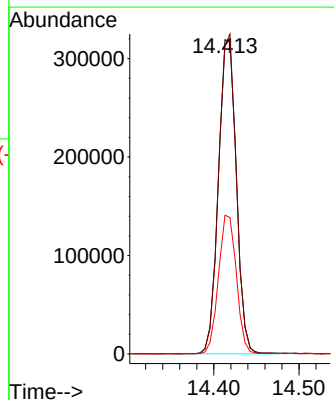
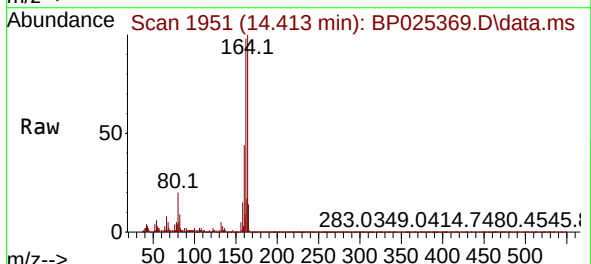
Instrument :
BNA_P
ClientSampleId :
TP-6

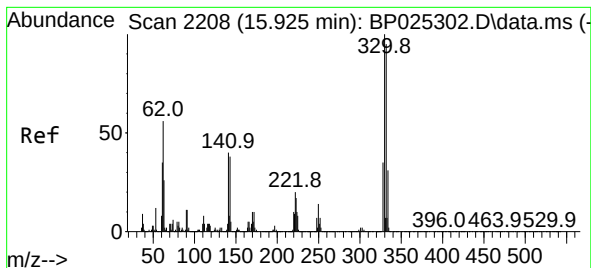
Tgt Ion:122	Resp:	1346
Ion Ratio	Lower	Upper
122	100	
105	112.2	104.0 144.0
77	98.0	71.8 111.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

Tgt Ion:164	Resp:	468797
Ion Ratio	Lower	Upper
164	100	
162	98.3	80.6 120.8
160	44.2	35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 39.249 ng

RT: 15.925 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BP025369.D

Acq: 12 Aug 2025 16:37

Instrument :

BNA_P

ClientSampleId :

TP-6

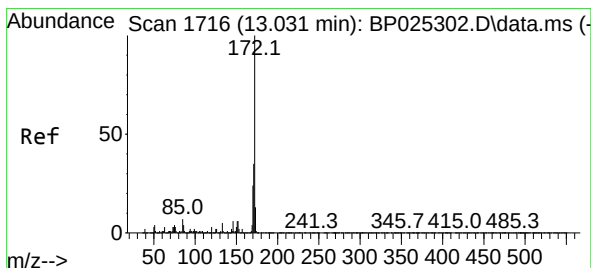
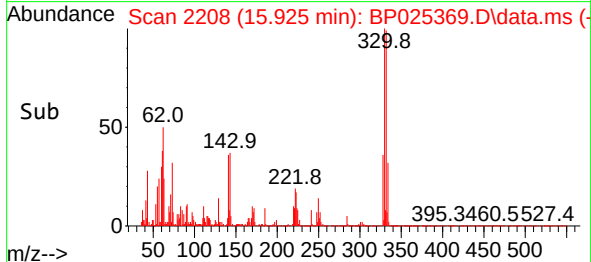
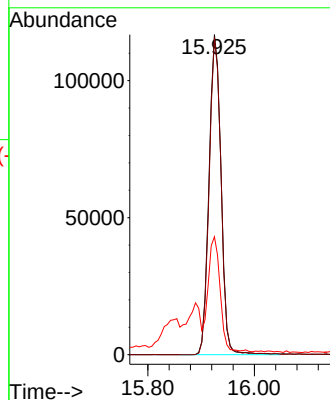
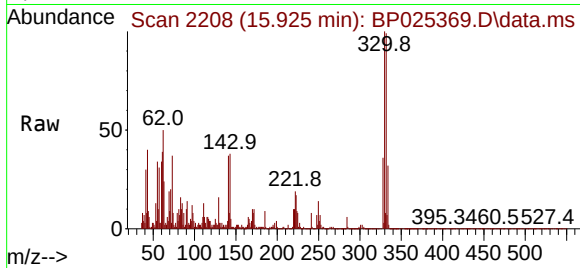
Tgt Ion:330 Resp: 183557

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 35.1 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 20.166 ng

RT: 13.031 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP025369.D

Acq: 12 Aug 2025 16:37

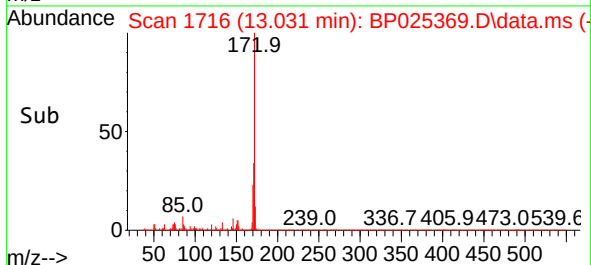
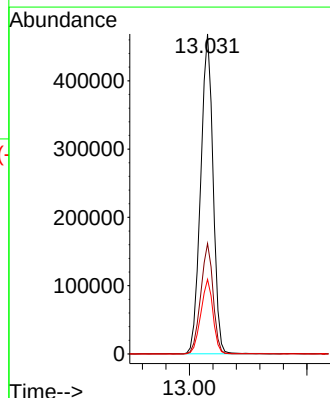
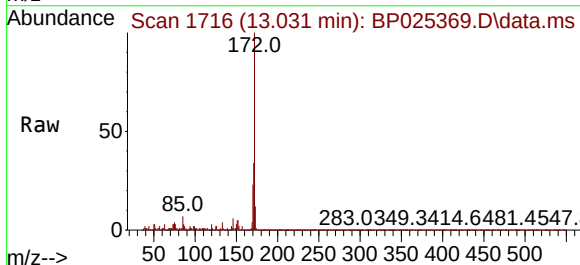
Tgt Ion:172 Resp: 684450

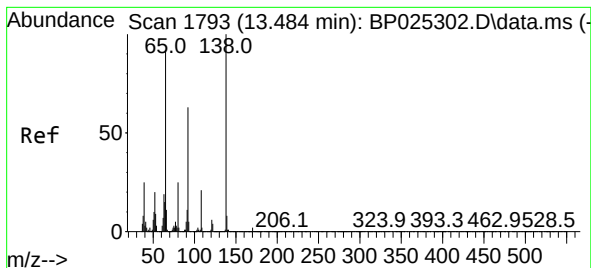
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.3 18.9 28.3





#48

2-Nitroaniline

Concen: 3.001 ng

RT: 13.201 min Scan# 1

Delta R.T. -0.283 min

Lab File: BP025369.D

Acq: 12 Aug 2025 16:37

Instrument :

BNA_P

ClientSampleId :

TP-6

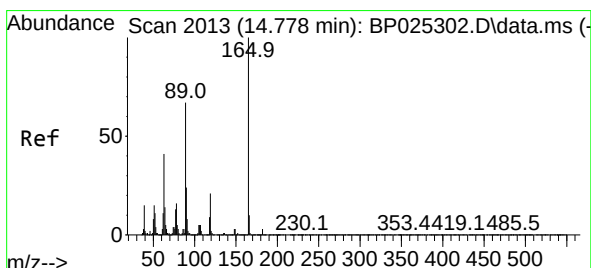
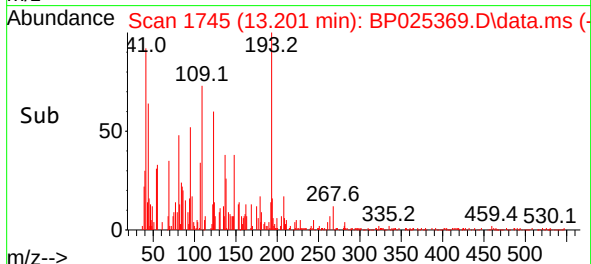
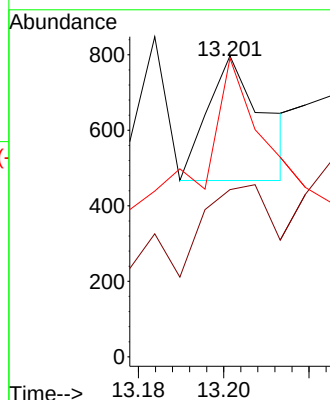
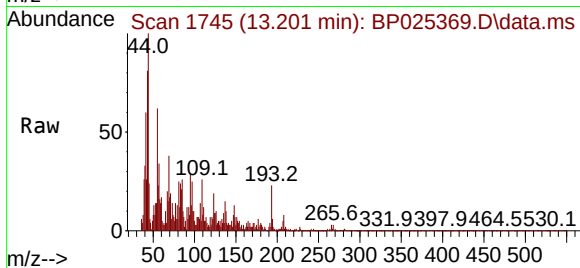
Tgt Ion: 65 Resp: 304

Ion Ratio Lower Upper

65 100

92 55.6 54.4 81.6

138 99.2 87.0 130.4



#57

2,4-Dinitrotoluene

Concen: 3.328 ng

RT: 14.760 min Scan# 2010

Delta R.T. -0.018 min

Lab File: BP025369.D

Acq: 12 Aug 2025 16:37

Tgt Ion:165 Resp: 765

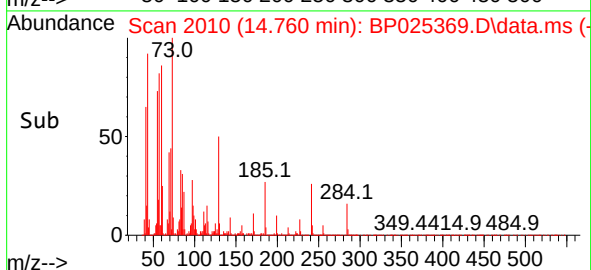
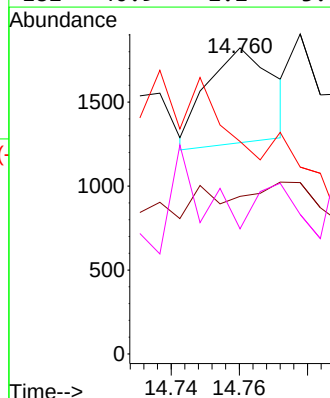
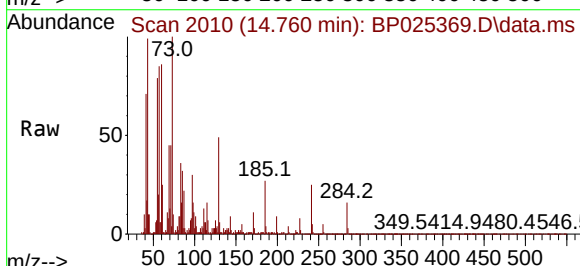
Ion Ratio Lower Upper

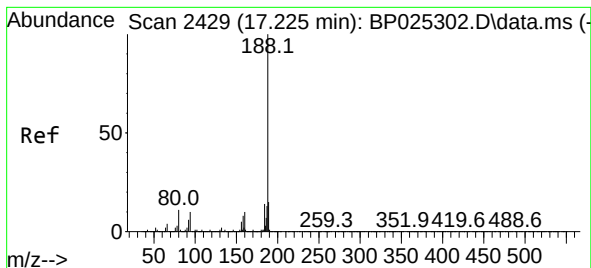
165 100

63 51.5 33.2 49.8#

89 69.4 53.5 80.3

182 40.9 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: BP025369.D

Acq: 12 Aug 2025 16:37

Instrument :

BNA_P

ClientSampleId :

TP-6

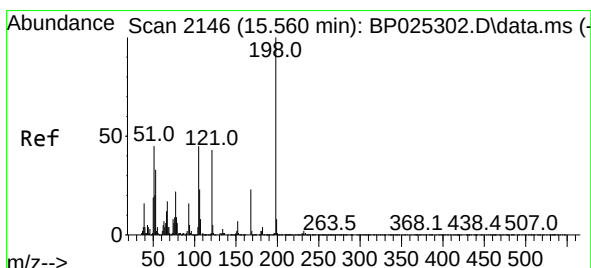
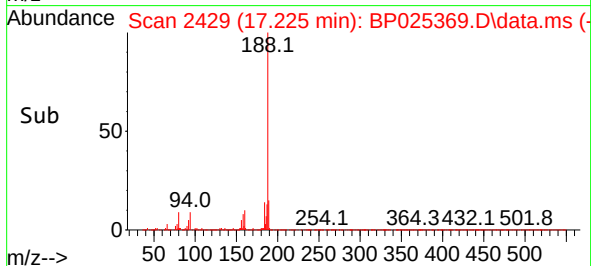
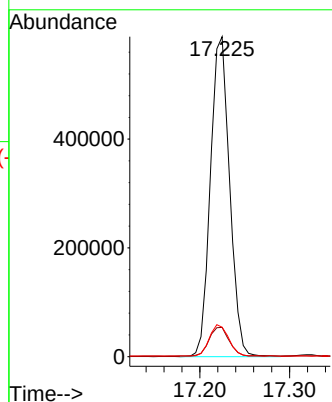
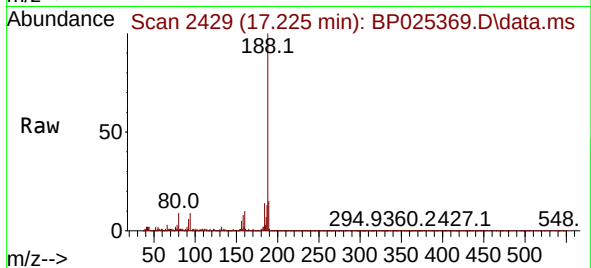
Tgt Ion:188 Resp: 873471

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.2 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 4.867 ng

RT: 15.560 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BP025369.D

Acq: 12 Aug 2025 16:37

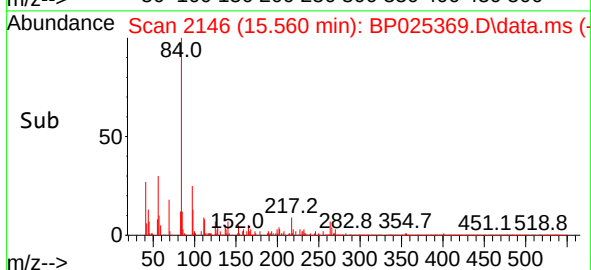
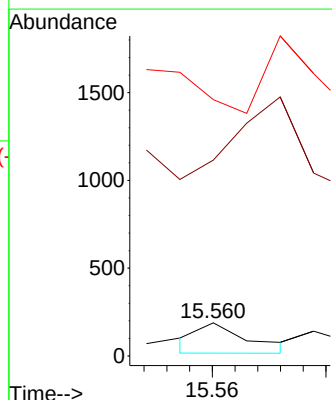
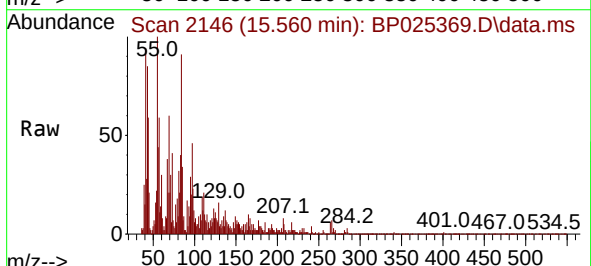
Tgt Ion:198 Resp: 107

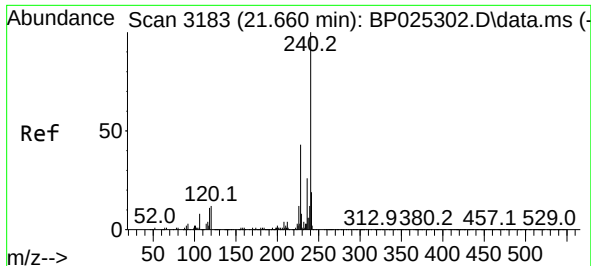
Ion Ratio Lower Upper

198 100

51 593.6 26.7 66.7#

105 776.6 25.6 65.6#

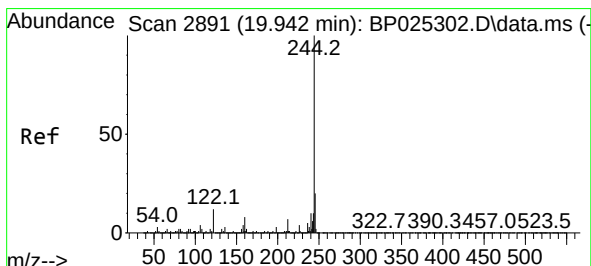
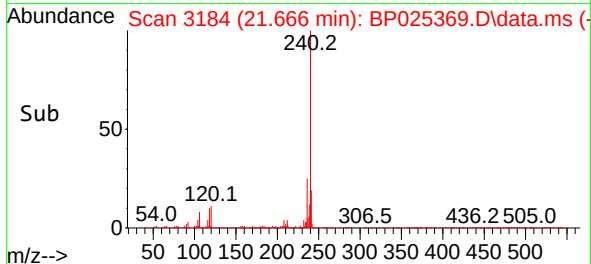
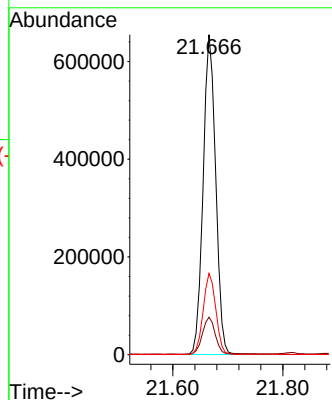
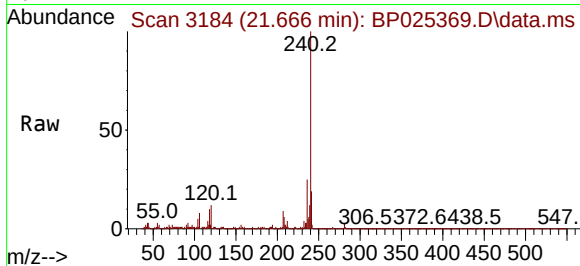




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3183
Delta R.T. 0.006 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

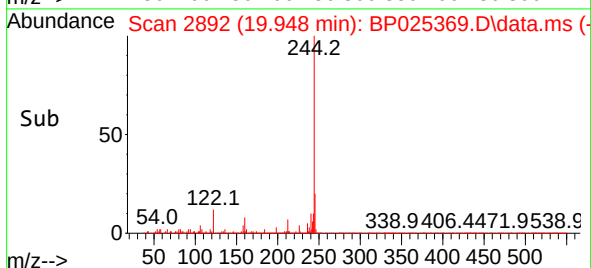
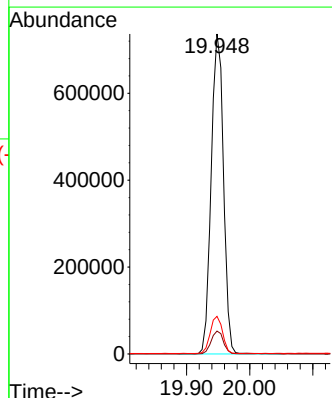
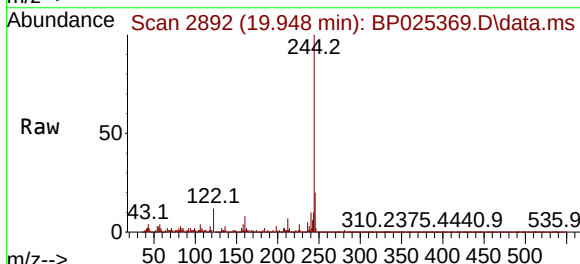
Instrument :
BNA_P
ClientSampleId :
TP-6

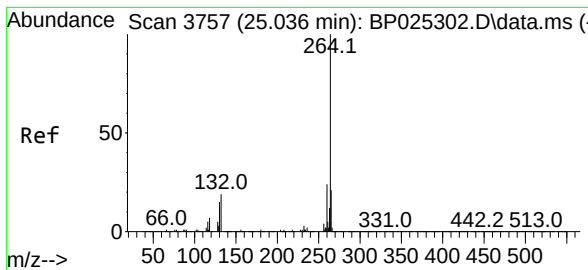
Tgt Ion:240 Resp: 1039118
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 25.4 20.4 30.6



#79
Terphenyl-d14
Concen: 18.014 ng
RT: 19.948 min Scan# 2892
Delta R.T. 0.006 min
Lab File: BP025369.D
Acq: 12 Aug 2025 16:37

Tgt Ion:244 Resp: 991035
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.7 9.5 14.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.066 min Scan# 31
 Delta R.T. 0.030 min
 Lab File: BP025369.D
 Acq: 12 Aug 2025 16:37

Instrument :
 BNA_P
 ClientSampleId :
 TP-6

Tgt Ion:264 Resp: 1223020

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.1	25.7

