

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025327.D
 Acq On : 08 Aug 2025 10:56
 Operator : CG/JU
 Sample : PB169155BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169155BL

Quant Time: Aug 08 11:17:41 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)

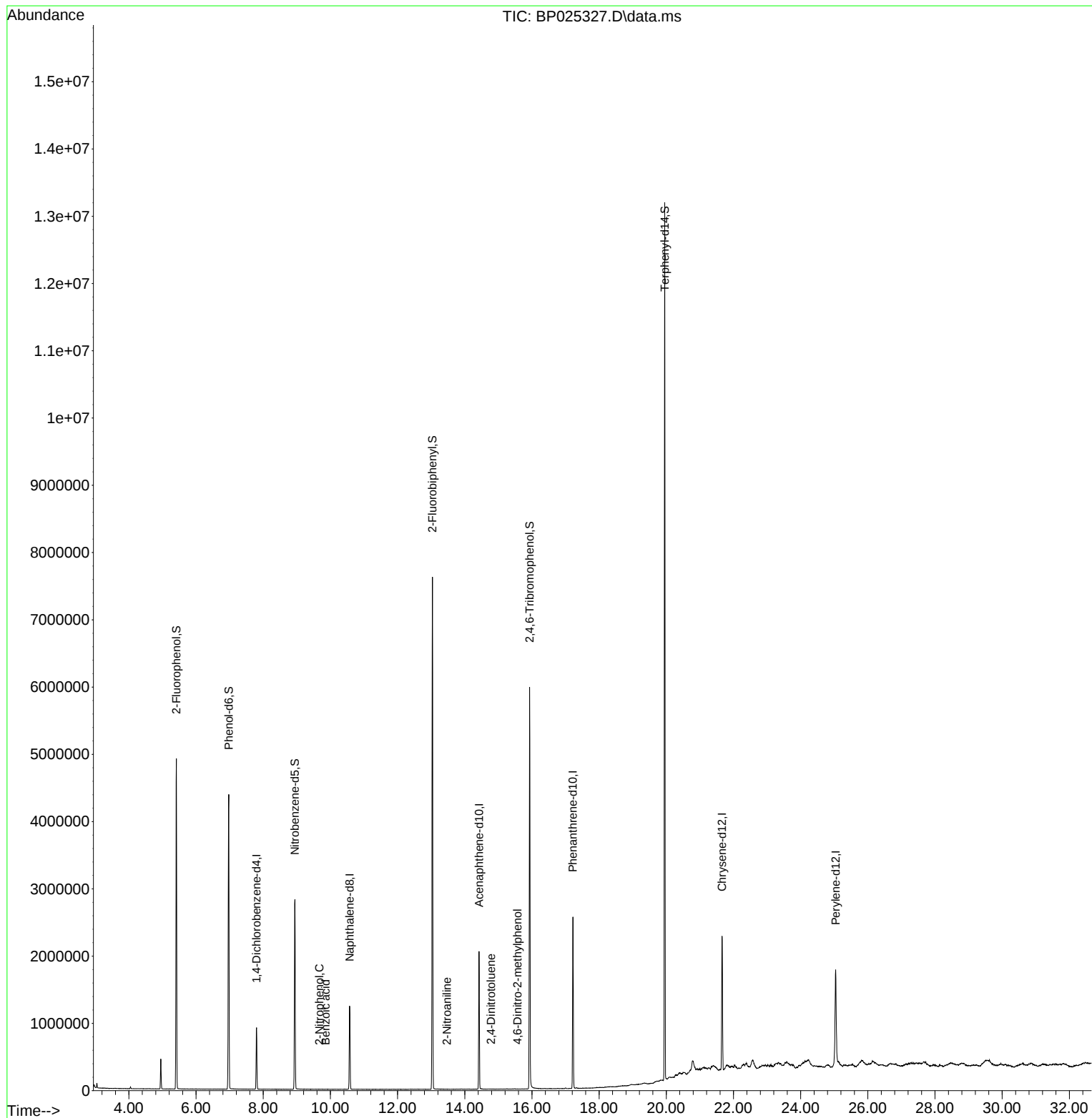
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	260576	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1056102	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	714442	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1519266	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1352342	20.000	ng	0.00
86) Perylene-d12	25.042	264	1286158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	2100807	129.669	ng	0.00
7) Phenol-d6	6.972	99	2672653	125.346	ng	0.00
23) Nitrobenzene-d5	8.943	82	1628377	85.422	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	1121147	157.301	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	3946714	76.301	ng	0.00
79) Terphenyl-d14	19.954	244	6295395	87.926	ng	0.01
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.672	139	35	3.642	ng #	3
32) Benzoic acid	9.854	122	53	5.958	ng #	1
48) 2-Nitroaniline	13.472	65	189	2.979	ng #	47
57) 2,4-Dinitrotoluene	14.784	165	114	3.262	ng #	61
65) 4,6-Dinitro-2-methylph...	15.566	198	18	4.838	ng #	1

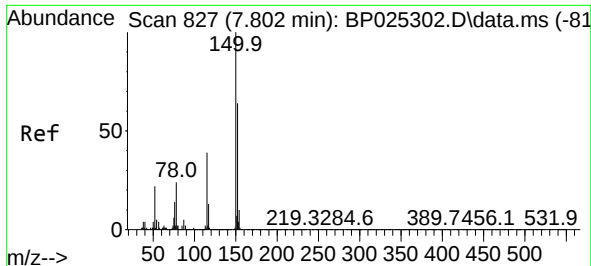
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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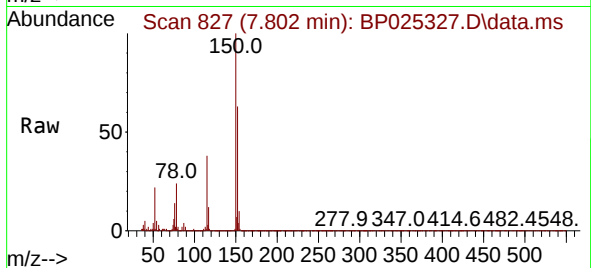
Quant Time: Aug 08 11:17:41 2025
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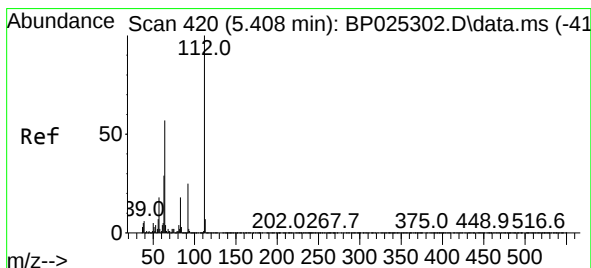
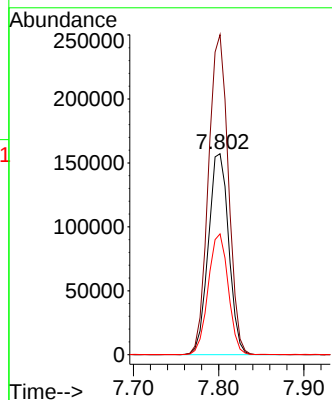
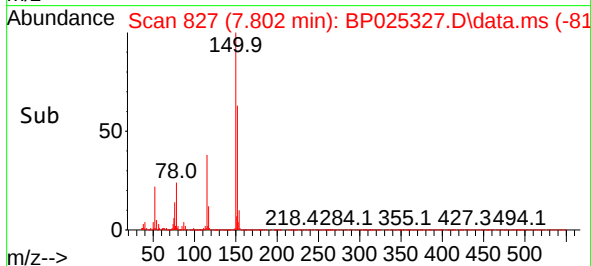


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

Instrument :
BNA_P
ClientSampleId :
PB169155BL

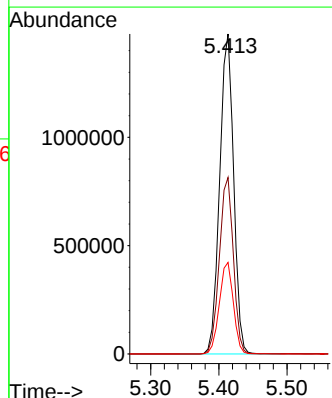
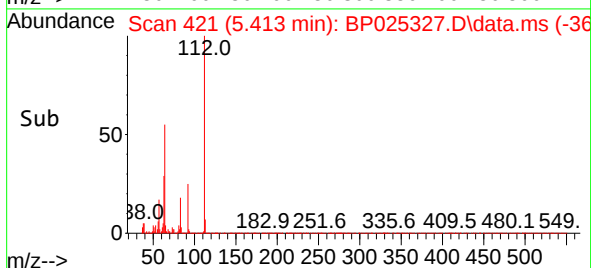
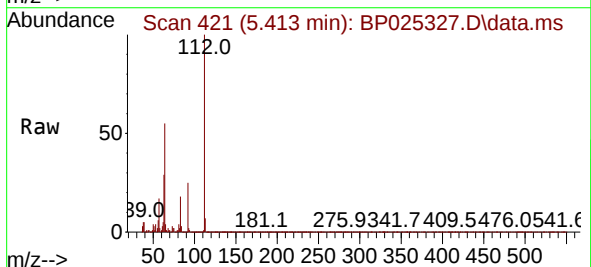


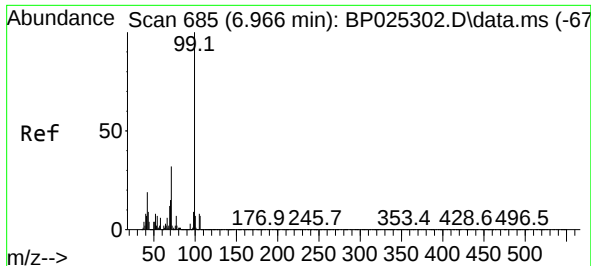
Tgt Ion:152 Resp: 260576
Ion Ratio Lower Upper
152 100
150 159.2 125.1 187.7
115 60.1 48.4 72.6



#5
2-Fluorophenol
Concen: 129.669 ng
RT: 5.413 min Scan# 421
Delta R.T. 0.005 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

Tgt Ion:112 Resp: 2100807
Ion Ratio Lower Upper
112 100
64 55.2 45.3 67.9
63 28.6 23.0 34.6

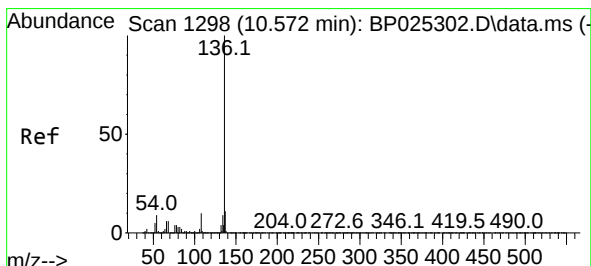
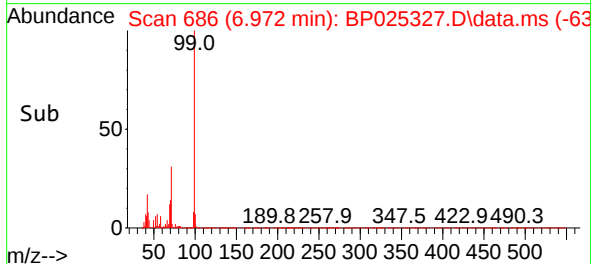
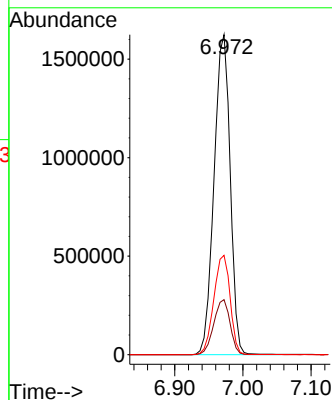
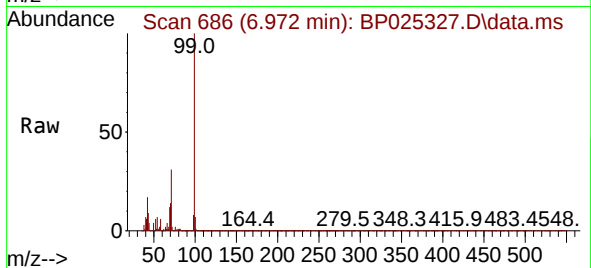




#7
Phenol-d6
Concen: 125.346 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

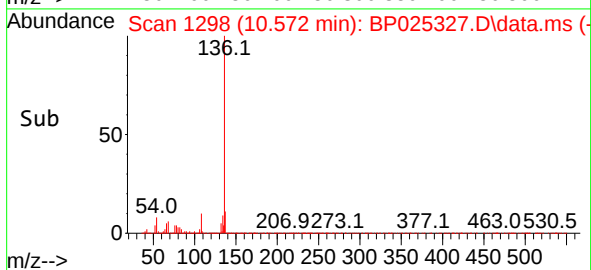
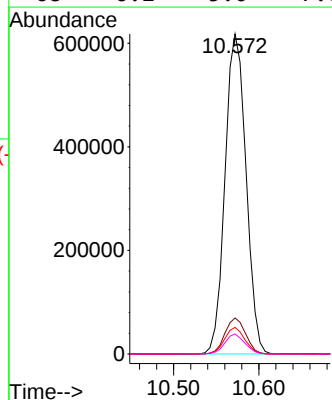
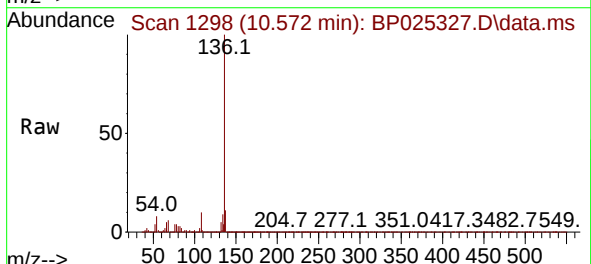
Instrument :
BNA_P
ClientSampleId :
PB169155BL

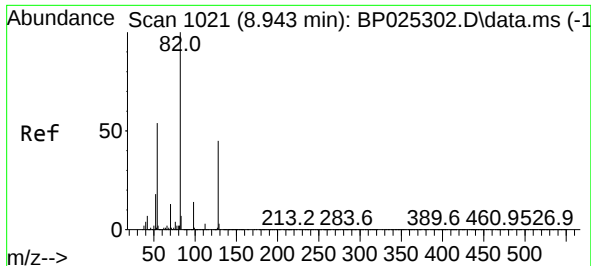
Tgt Ion: 99 Resp: 2672653
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 31.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

Tgt Ion:136 Resp: 1056102
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.3 7.0 10.6
68 6.2 5.0 7.6

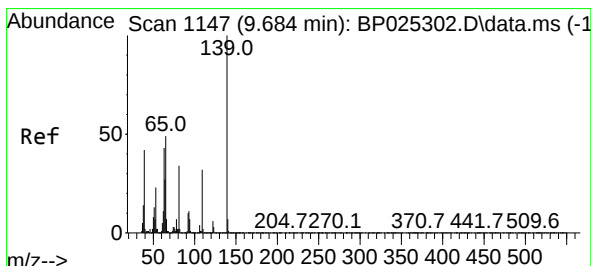
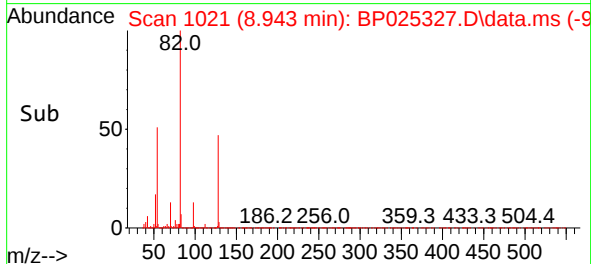
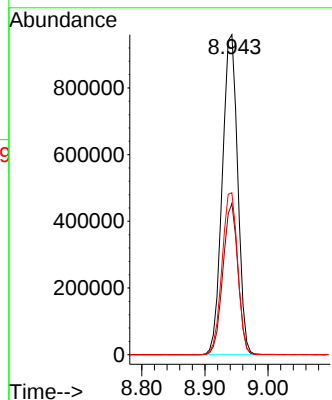
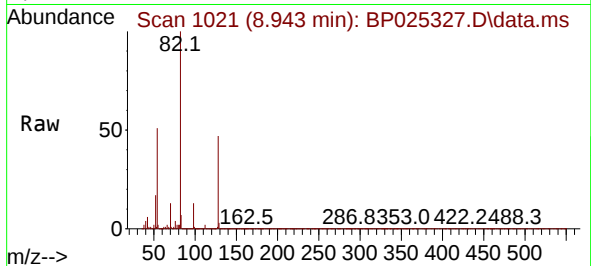




#23
Nitrobenzene-d5
Concen: 85.422 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

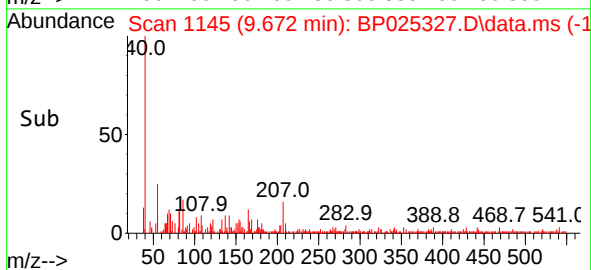
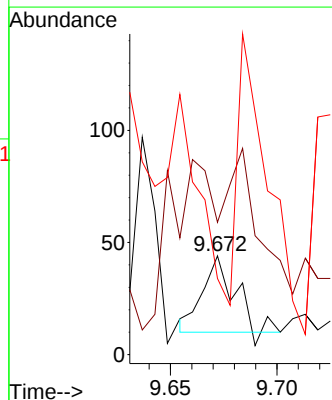
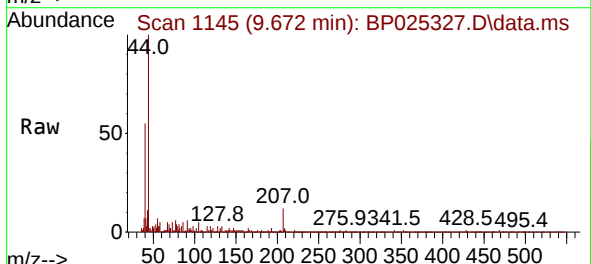
Instrument :
BNA_P
ClientSampleId :
PB169155BL

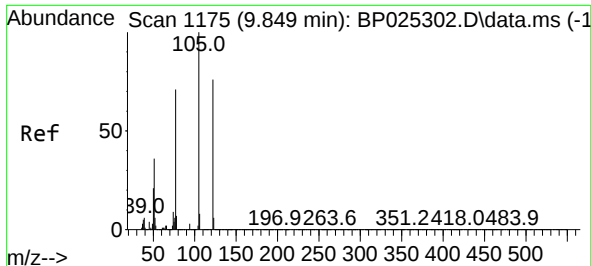
Tgt Ion: 82 Resp: 1628377
Ion Ratio Lower Upper
82 100
128 47.2 35.4 53.2
54 50.6 42.9 64.3



#26
2-Nitrophenol
Concen: 3.642 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

Tgt Ion:139 Resp: 35
Ion Ratio Lower Upper
139 100
109 134.1 25.2 37.8#
65 77.3 39.6 59.4#

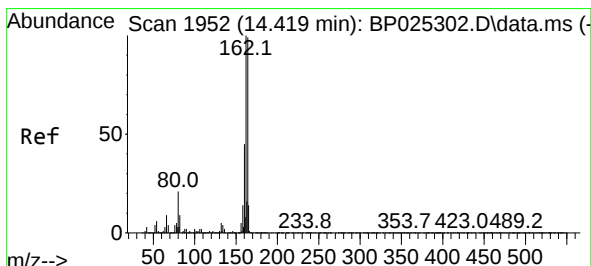
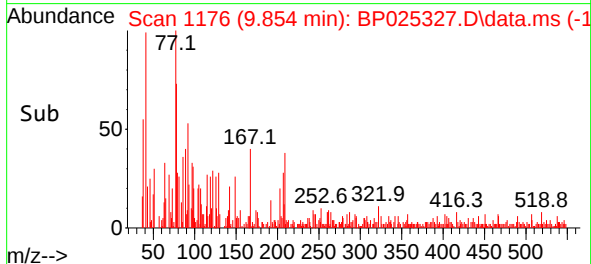
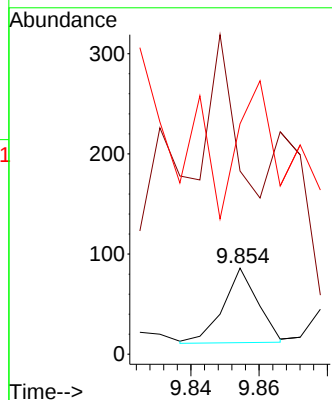
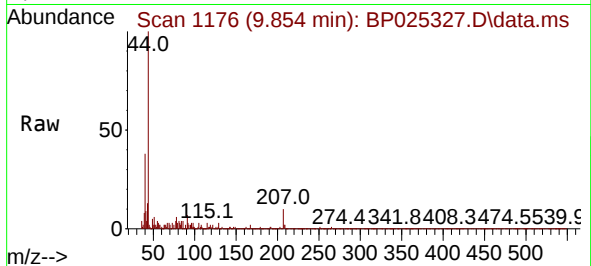




#32
Benzoic acid
Concen: 5.958 ng
RT: 9.854 min Scan# 1176
Delta R.T. 0.005 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

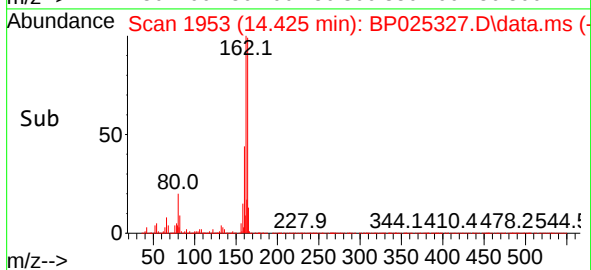
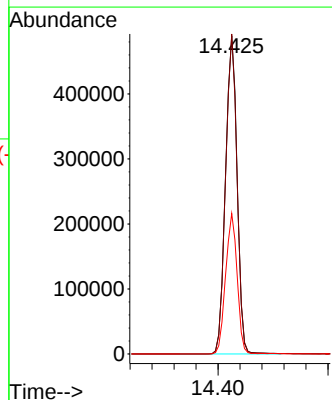
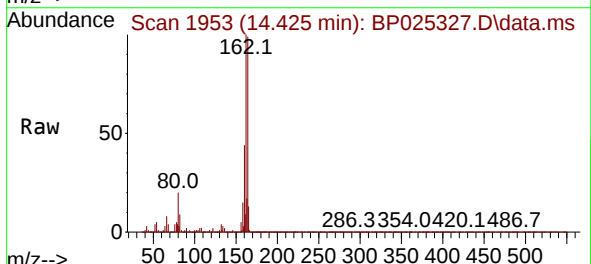
Instrument :
BNA_P
ClientSampleId :
PB169155BL

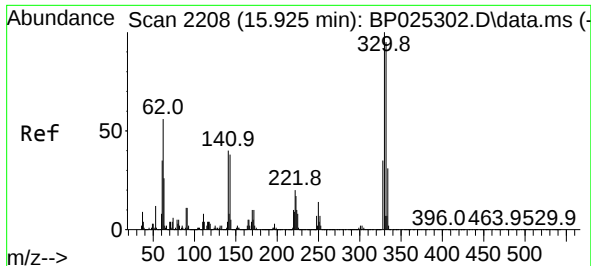
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 212.8 104.0 144.0#
77 267.4 71.8 111.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

Tgt Ion:164 Resp: 714442
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.2 35.9 53.9

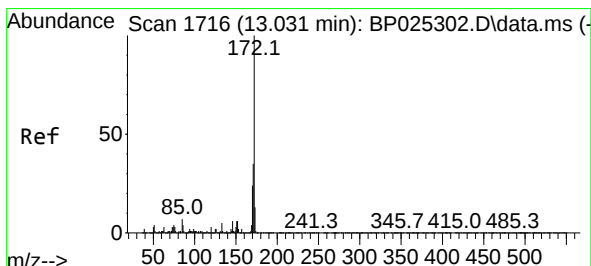
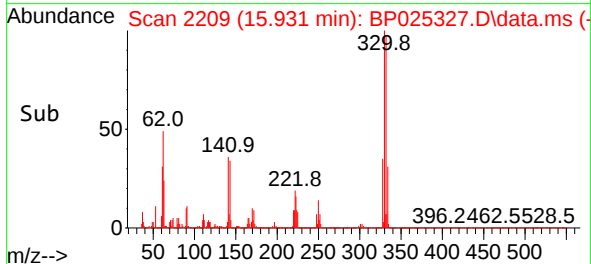
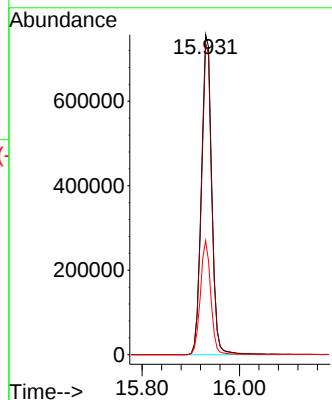
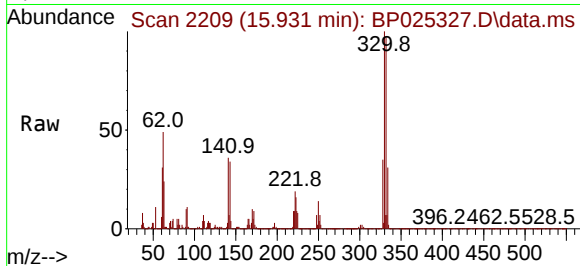




#42
2,4,6-Tribromophenol
Concen: 157.301 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

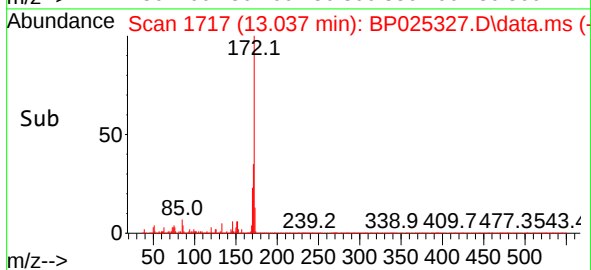
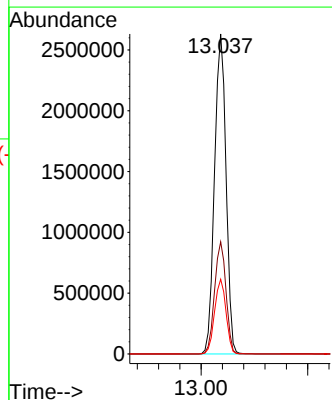
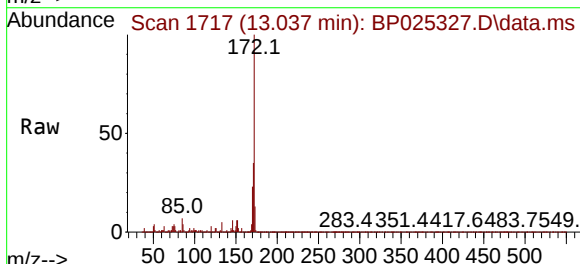
Instrument :
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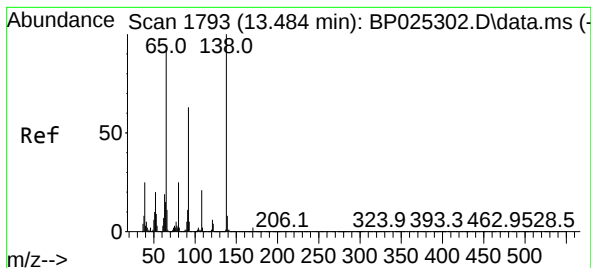
Tgt Ion:330 Resp: 1121147
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 35.9 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 76.301 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

Tgt Ion:172 Resp: 3946714
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.3 18.9 28.3





#48

2-Nitroaniline

Concen: 2.979 ng

RT: 13.472 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025327.D

Acq: 08 Aug 2025 10:56

Instrument :

BNA_P

ClientSampleId :

PB169155BL

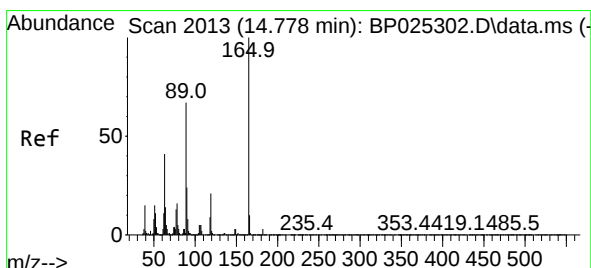
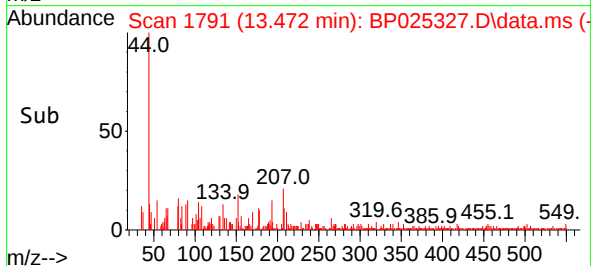
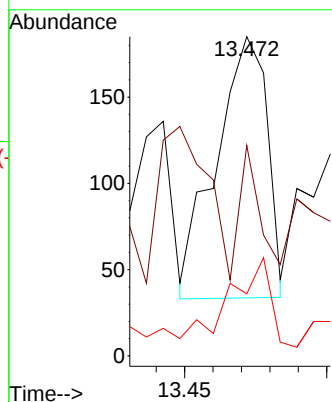
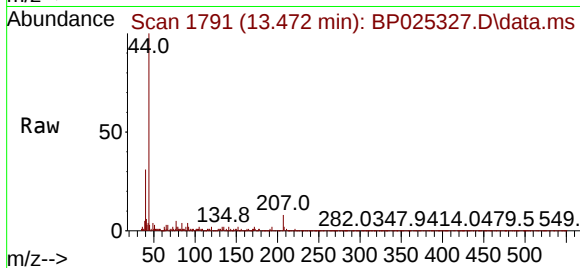
Tgt Ion: 65 Resp: 189

Ion Ratio Lower Upper

65 100

92 65.9 54.4 81.6

138 19.5 87.0 130.4#



#57

2,4-Dinitrotoluene

Concen: 3.262 ng

RT: 14.784 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BP025327.D

Acq: 08 Aug 2025 10:56

Tgt Ion: 165 Resp: 114

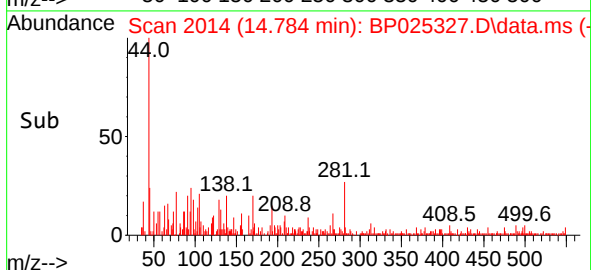
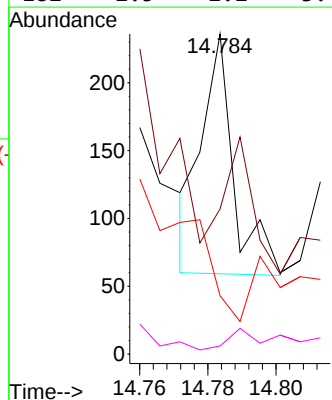
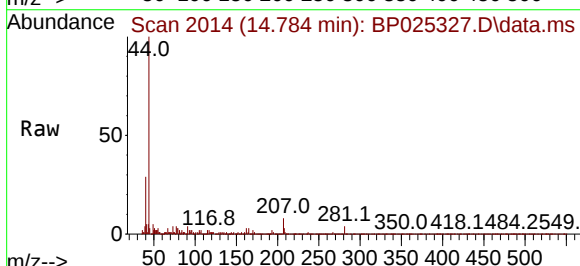
Ion Ratio Lower Upper

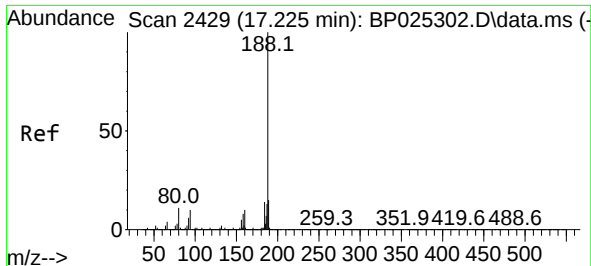
165 100

63 45.3 33.2 49.8

89 18.2 53.5 80.3#

182 2.5 2.2 3.4

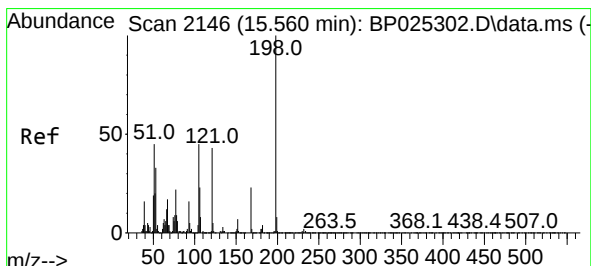
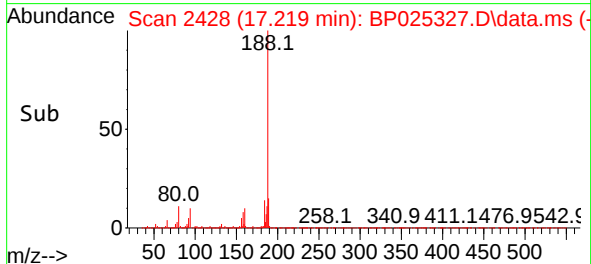
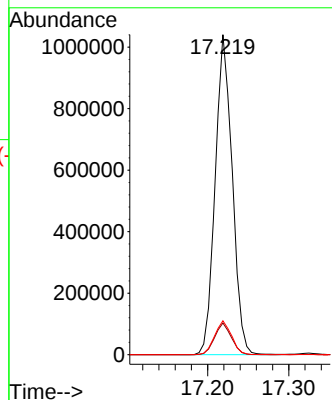
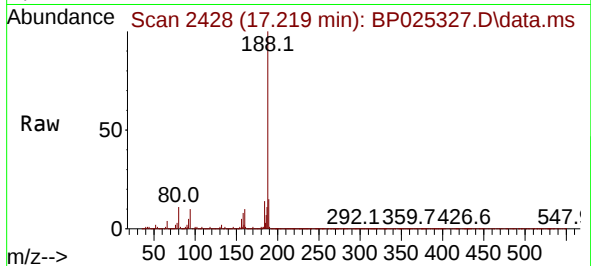




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

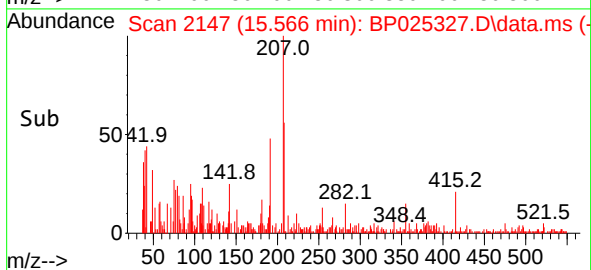
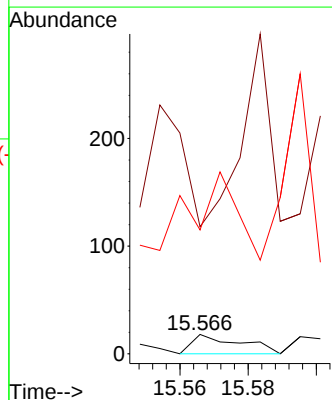
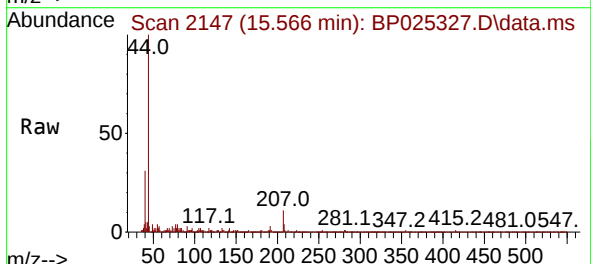
Instrument :
BNA_P
ClientSampleId :
PB169155BL

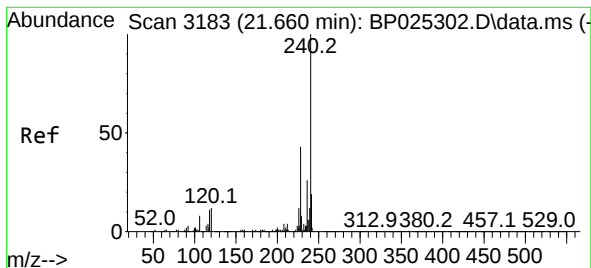
Tgt Ion:188 Resp: 1519266
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.6 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.838 ng
RT: 15.566 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP025327.D
Acq: 08 Aug 2025 10:56

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 655.6 26.7 66.7#
105 638.9 25.6 65.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.660 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025327.D

Acq: 08 Aug 2025 10:56

Instrument :

BNA_P

ClientSampleId :

PB169155BL

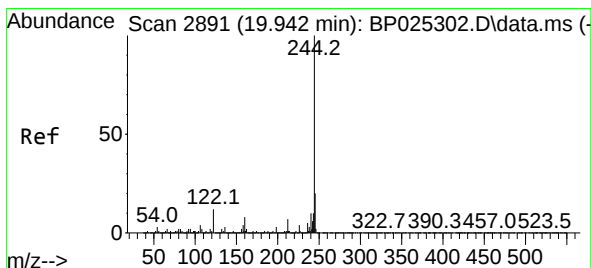
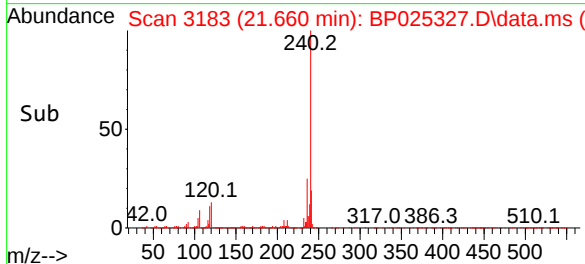
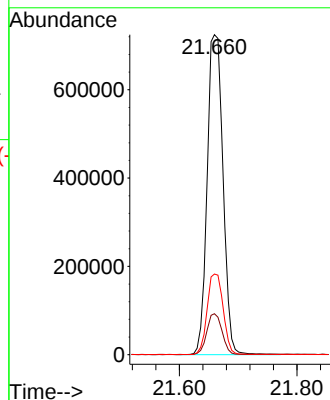
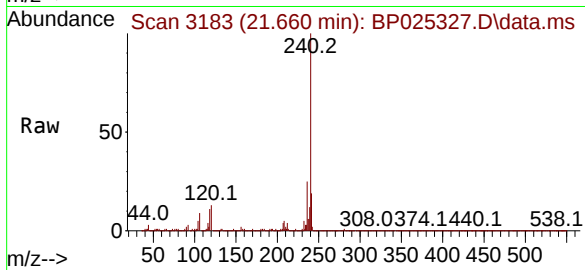
Tgt Ion:240 Resp: 1352342

Ion Ratio Lower Upper

240 100

120 12.8 9.6 14.4

236 25.2 20.4 30.6



#79

Terphenyl-d14

Concen: 87.926 ng

RT: 19.954 min Scan# 2893

Delta R.T. 0.012 min

Lab File: BP025327.D

Acq: 08 Aug 2025 10:56

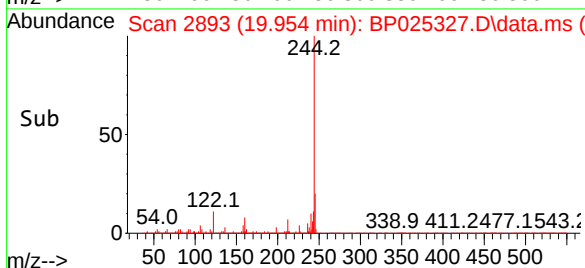
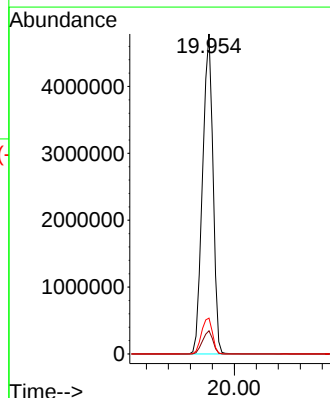
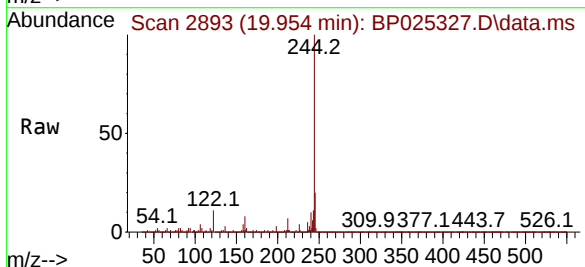
Tgt Ion:244 Resp: 6295395

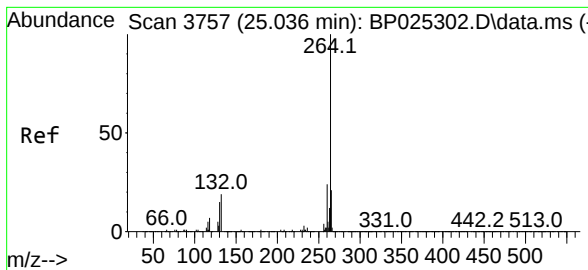
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.2 9.5 14.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.042 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP025327.D
 Acq: 08 Aug 2025 10:56

Instrument :
 BNA_P
 ClientSampleId :
 PB169155BL

Tgt Ion:264 Resp: 1286158

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.1	25.7

