

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025329.D
 Acq On : 08 Aug 2025 12:19
 Operator : CG/JU
 Sample : PB169122TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169122TB

Quant Time: Aug 08 12:46:10 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)

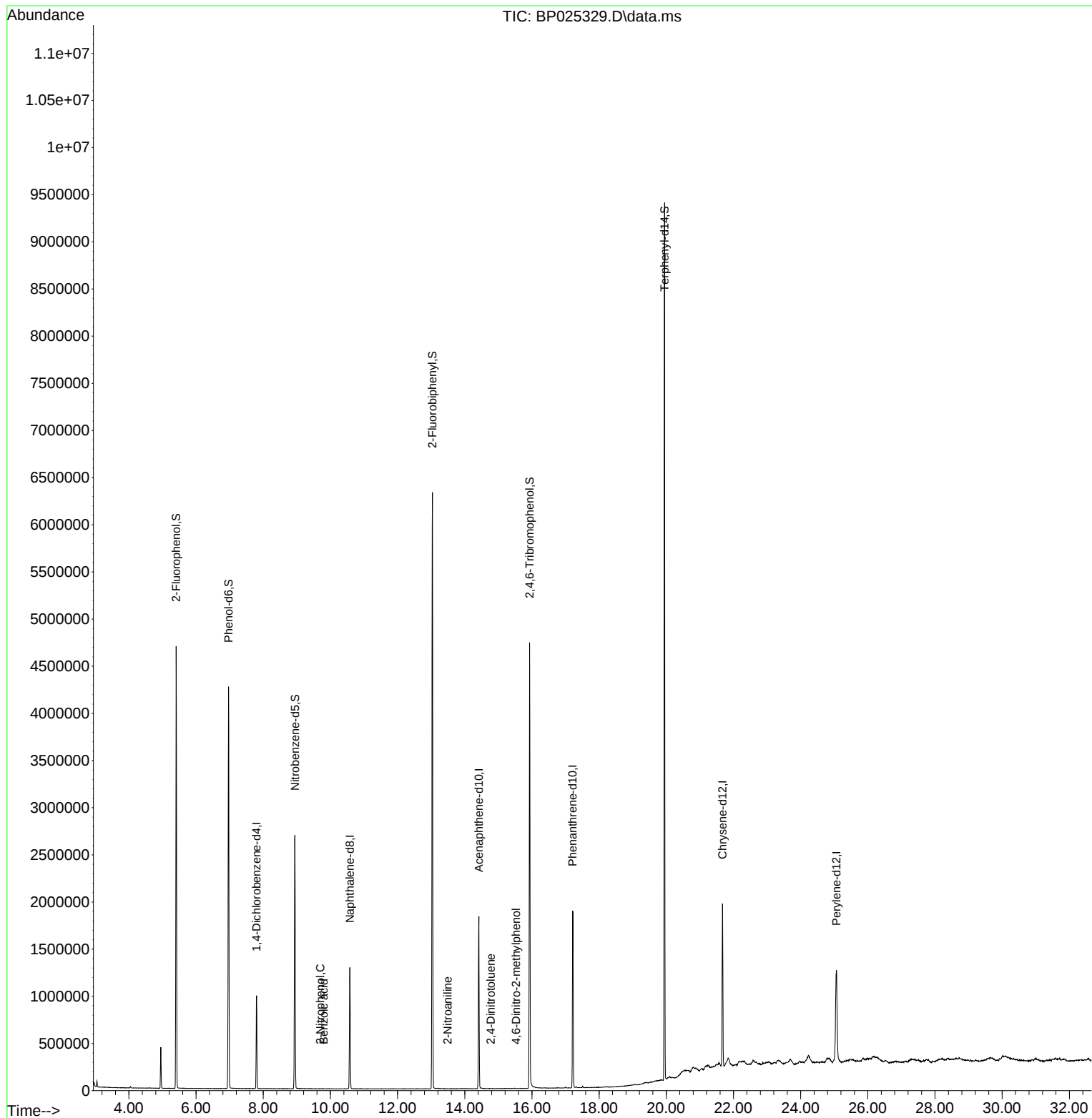
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	268110	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	1066396	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	651726	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1241724	20.000	ng	-0.01
76) Chrysene-d12	21.672	240	1038131	20.000	ng	0.01
86) Perylene-d12	25.065	264	1111724	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1998847	119.909	ng	0.00
7) Phenol-d6	6.966	99	2493898	113.676	ng	0.00
23) Nitrobenzene-d5	8.943	82	1555744	80.824	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	866192	133.225	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	3529574	74.803	ng	0.00
79) Terphenyl-d14	19.948	244	4531870	82.453	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.696	139	64	3.646	ng	# 18
32) Benzoic acid	9.796	122	104	5.964	ng	90
48) 2-Nitroaniline	13.490	65	253	2.986	ng	# 39
57) 2,4-Dinitrotoluene	14.772	165	156	3.266	ng	# 56
65) 4,6-Dinitro-2-methylph...	15.531	198	20	4.839	ng	# 1

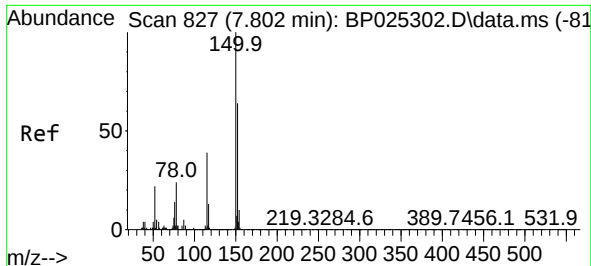
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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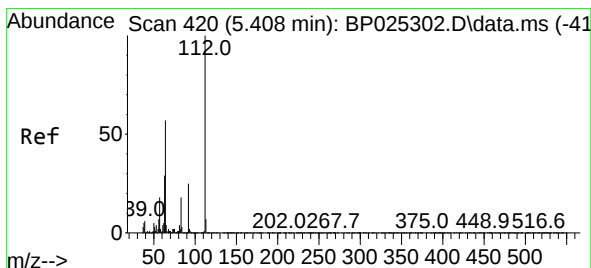
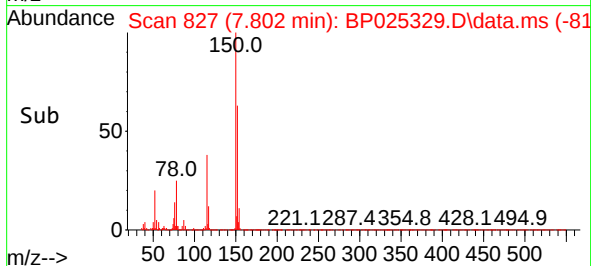
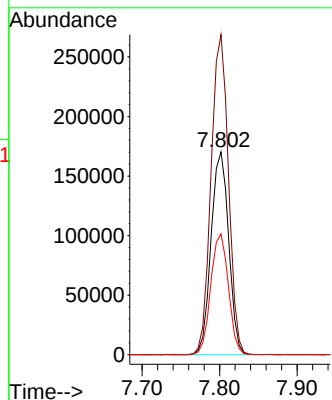
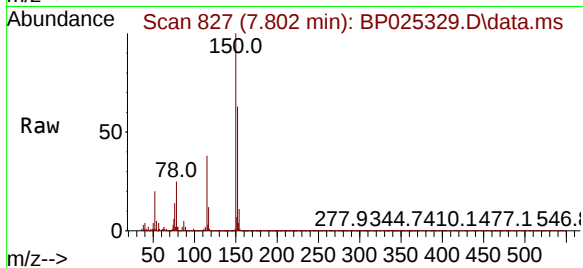




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

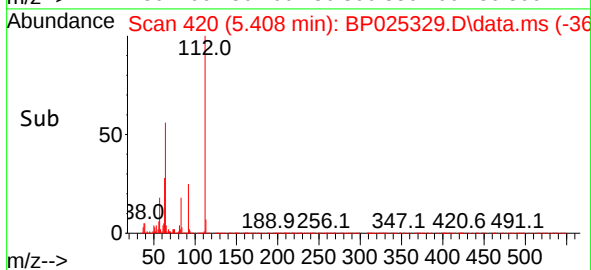
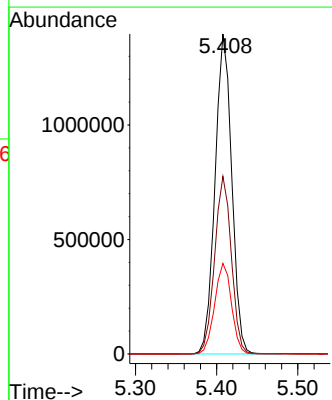
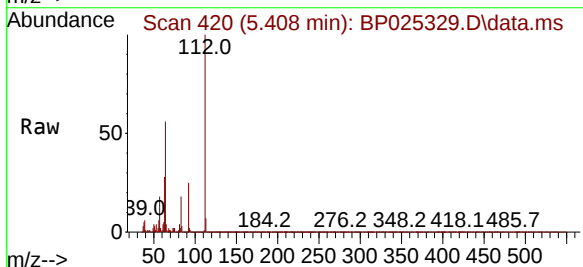
Instrument :
BNA_P
ClientSampleId :
PB169122TB

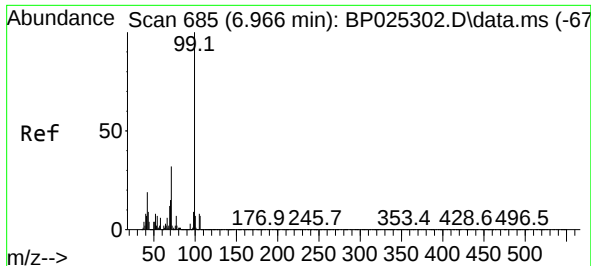
Tgt Ion:152 Resp: 268110
Ion Ratio Lower Upper
152 100
150 157.9 125.1 187.7
115 59.6 48.4 72.6



#5
2-Fluorophenol
Concen: 119.909 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Tgt Ion:112 Resp: 1998847
Ion Ratio Lower Upper
112 100
64 55.5 45.3 67.9
63 28.3 23.0 34.6

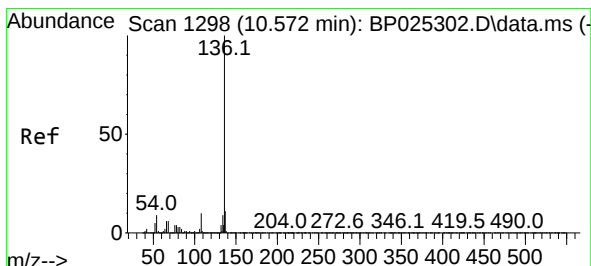
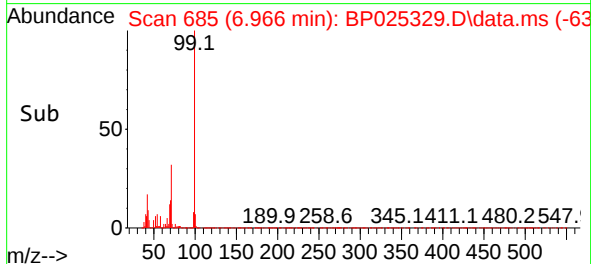
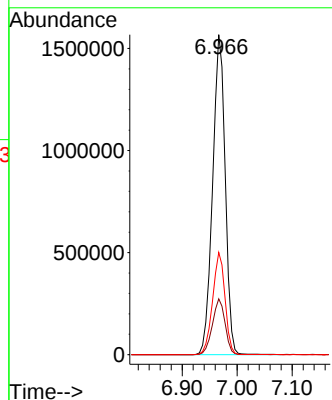
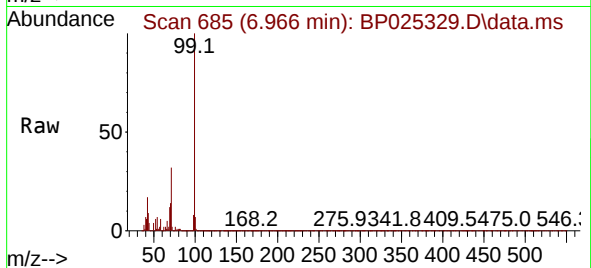




#7
Phenol-d6
Concen: 113.676 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

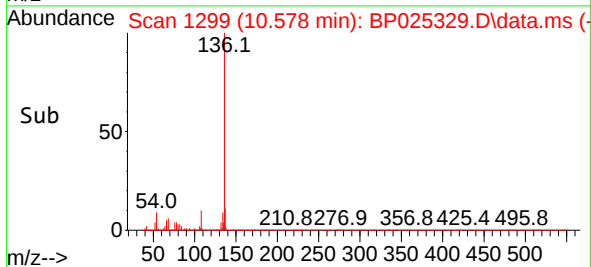
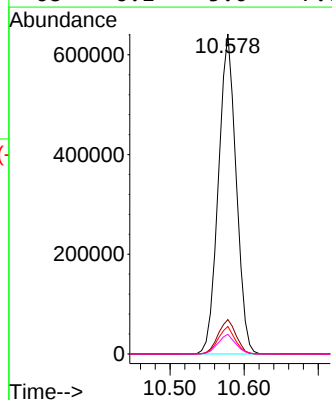
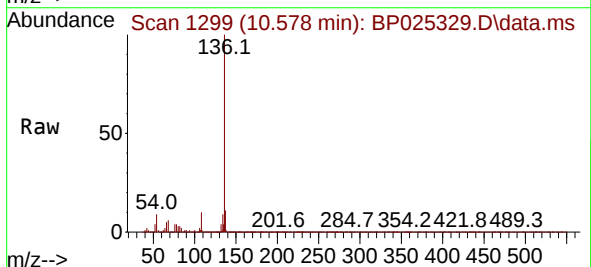
Instrument :
BNA_P
ClientSampleId :
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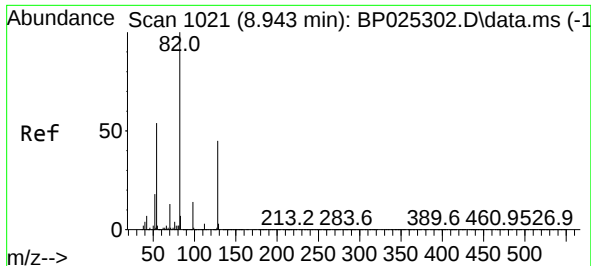
Tgt Ion: 99 Resp: 2493898
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 31.9 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Tgt Ion:136 Resp: 1066396
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.6 7.0 10.6
68 6.1 5.0 7.6

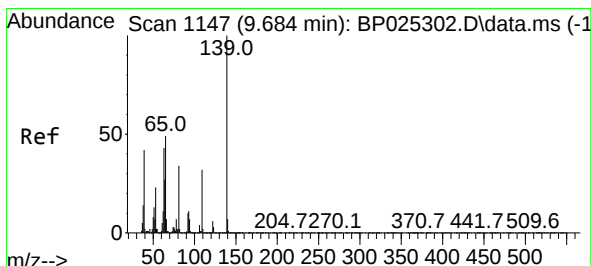
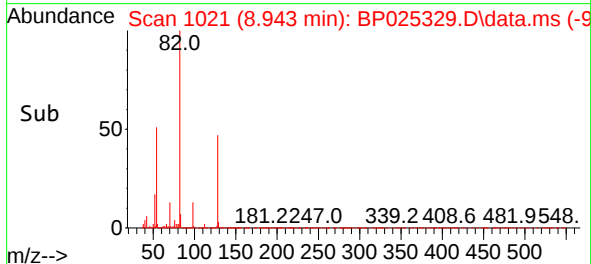
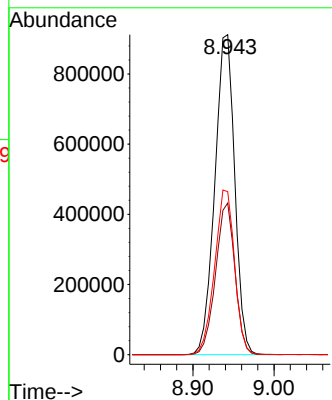
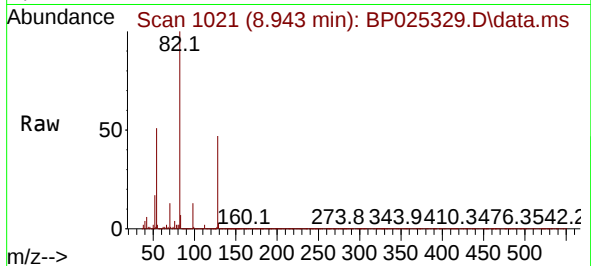




#23
Nitrobenzene-d5
Concen: 80.824 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

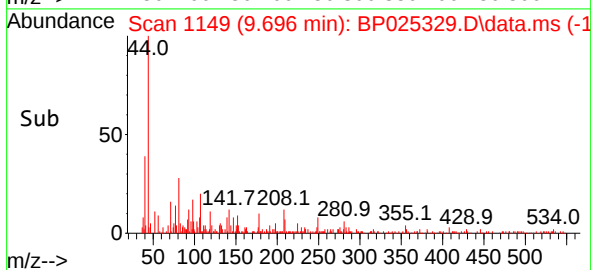
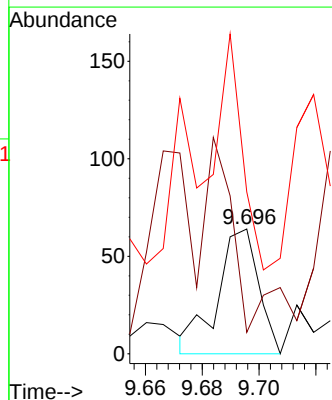
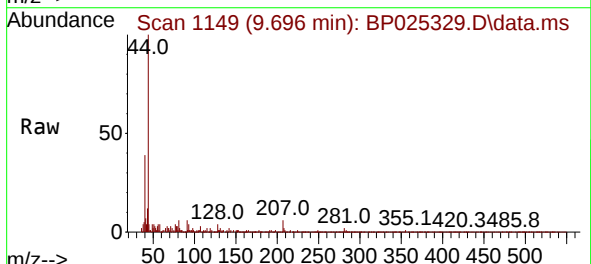
Instrument :
BNA_P
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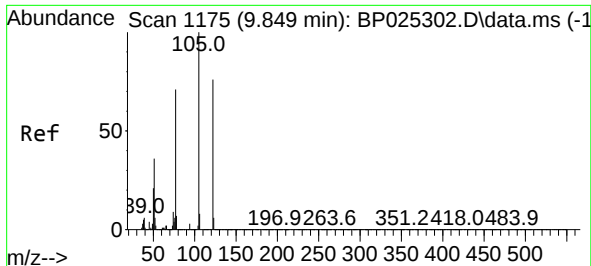
Tgt Ion: 82 Resp: 1555744
Ion Ratio Lower Upper
82 100
128 47.4 35.4 53.2
54 50.9 42.9 64.3



#26
2-Nitrophenol
Concen: 3.646 ng
RT: 9.696 min Scan# 1149
Delta R.T. 0.012 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 17.2 25.2 37.8#
65 129.7 39.6 59.4#

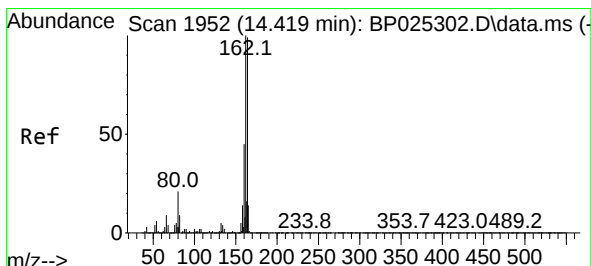
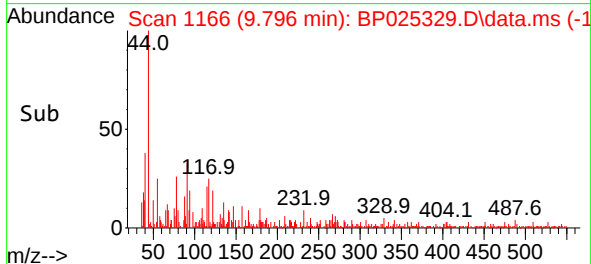
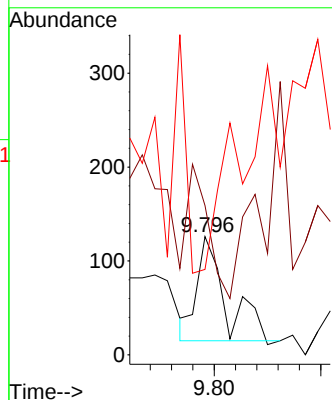
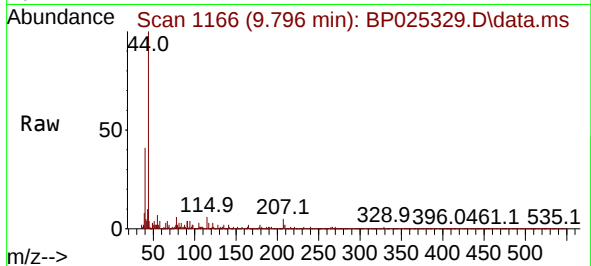




#32
Benzoic acid
Concen: 5.964 ng
RT: 9.796 min Scan# 1175
Delta R.T. -0.053 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

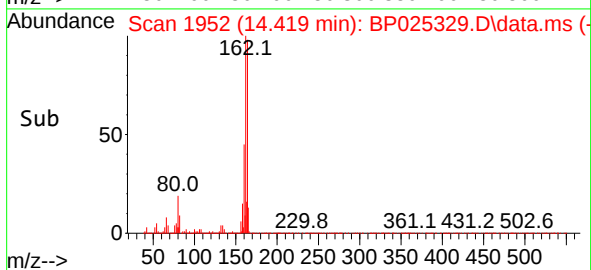
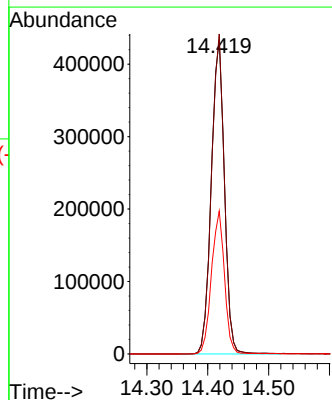
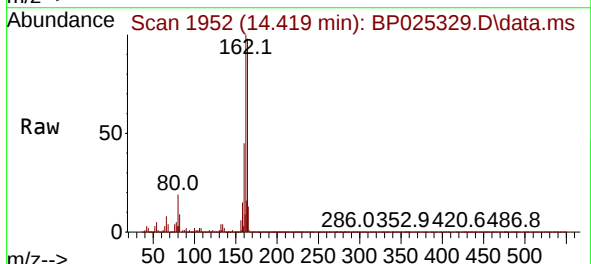
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BNA_P
ClientSampleId :
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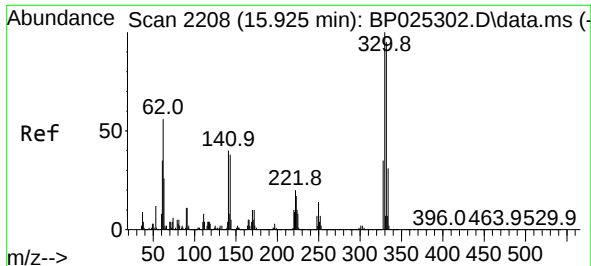
Tgt Ion:	122	Resp:	104
Ion	Ratio	Lower	Upper
122	100		
105	126.2	104.0	144.0
77	72.2	71.8	111.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Tgt Ion:	164	Resp:	651726
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.5	35.9	53.9

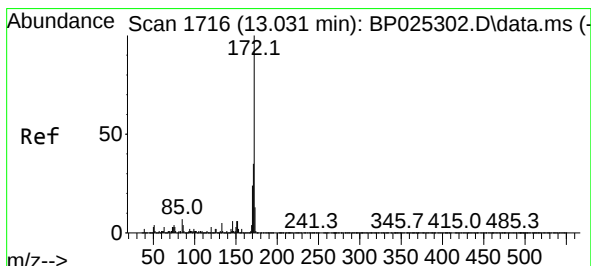
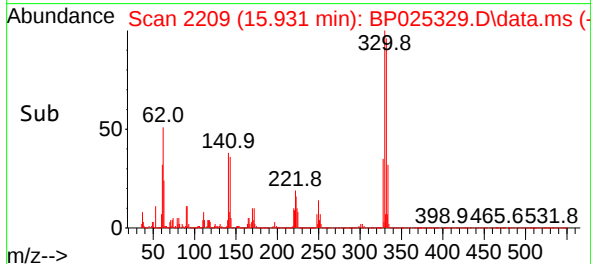
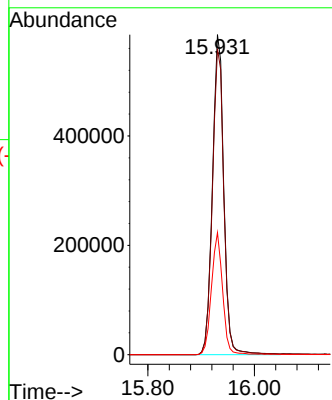
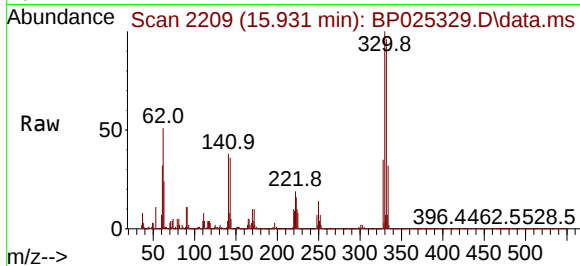




#42
2,4,6-Tribromophenol
Concen: 133.225 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

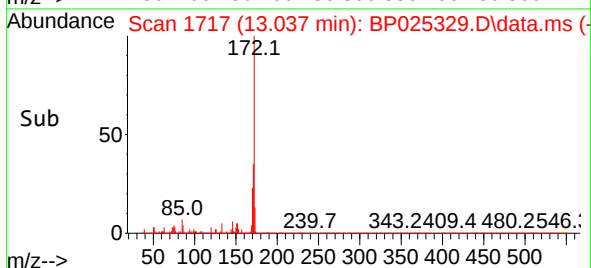
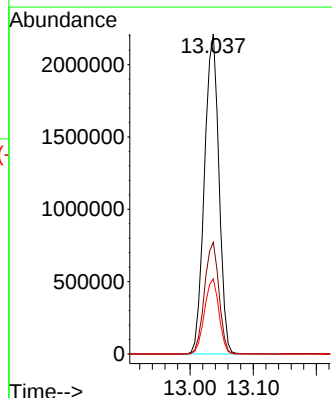
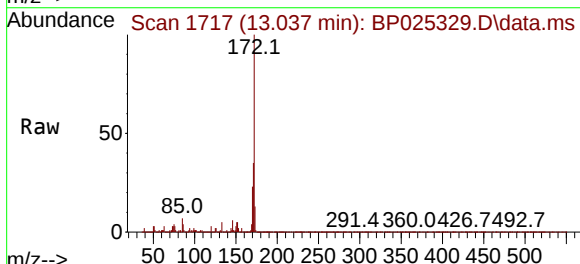
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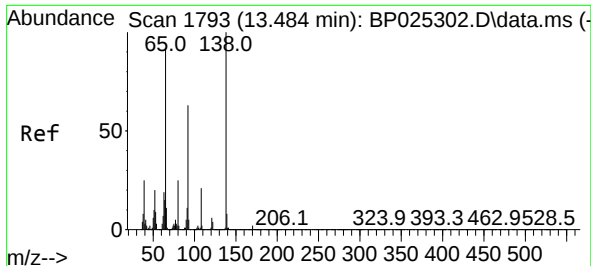
Tgt Ion:330 Resp: 866192
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 37.5 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 74.803 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Tgt Ion:172 Resp: 3529574
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 18.9 28.3

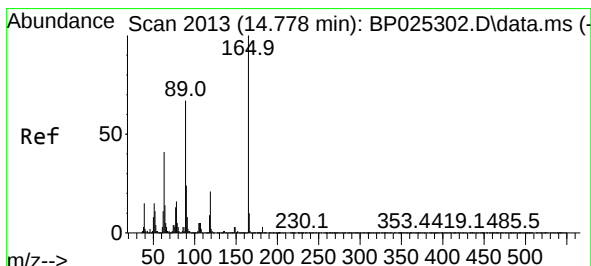
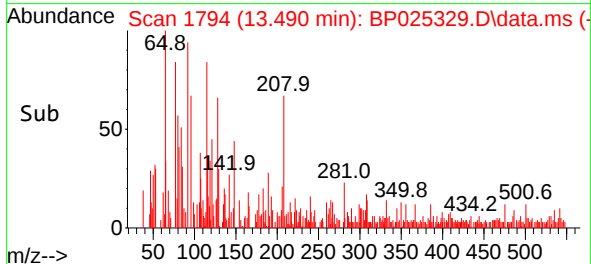
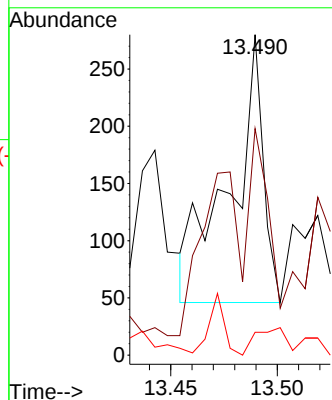
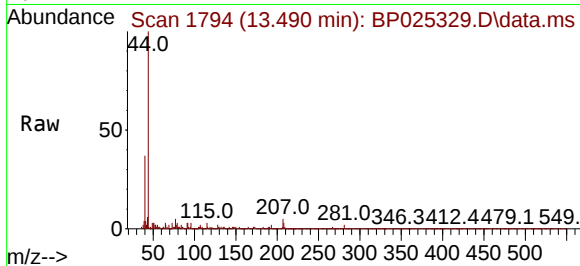




#48
2-Nitroaniline
Concen: 2.986 ng
RT: 13.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

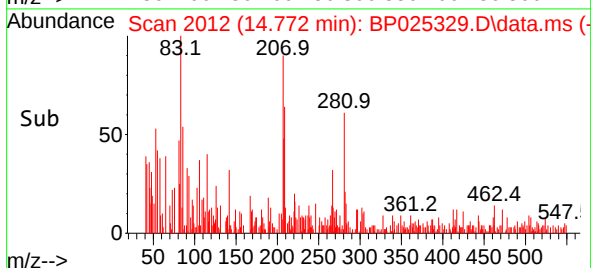
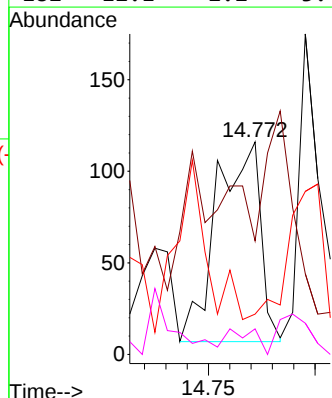
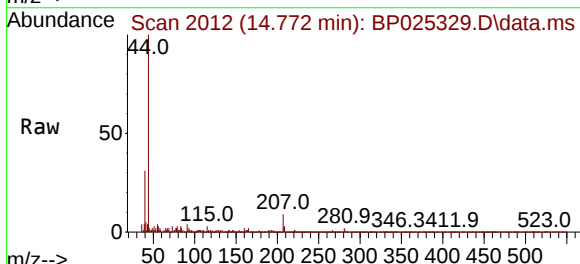
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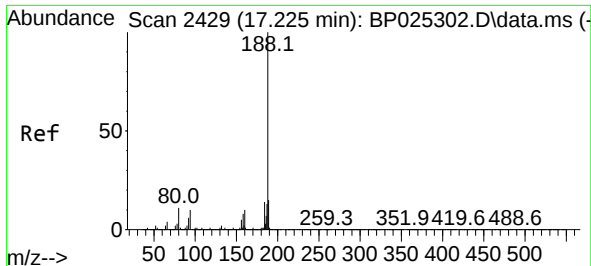
Tgt Ion: 65 Resp: 253
Ion Ratio Lower Upper
65 100
92 70.7 54.4 81.6
138 7.1 87.0 130.4#



#57
2,4-Dinitrotoluene
Concen: 3.266 ng
RT: 14.772 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 165 Resp: 156
Ion Ratio Lower Upper
165 100
63 53.4 33.2 49.8#
89 19.0 53.5 80.3#
182 12.1 2.2 3.4#

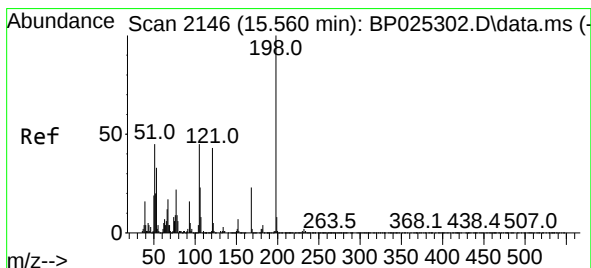
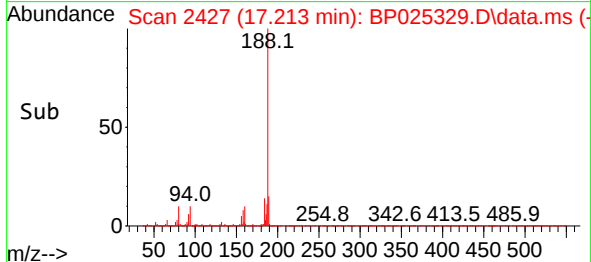
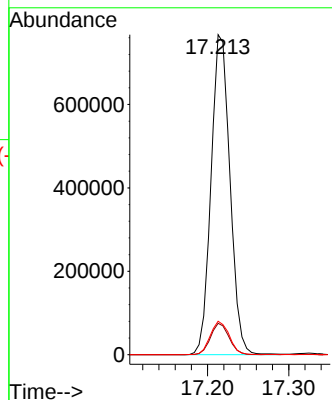
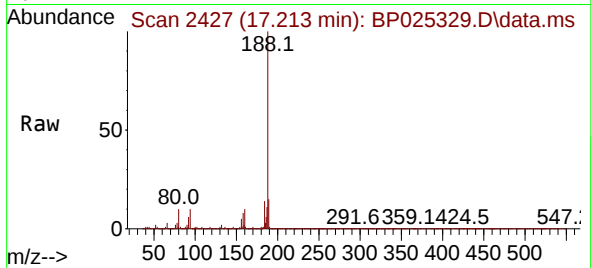




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2429
Delta R.T. -0.012 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

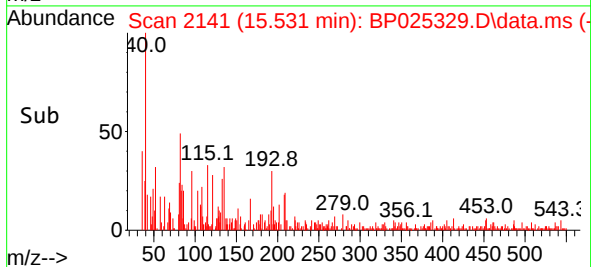
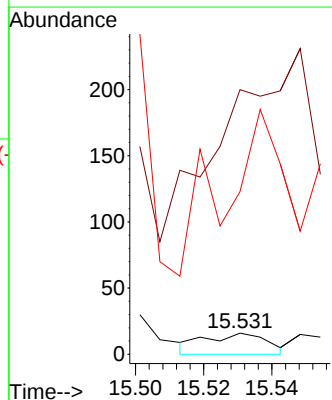
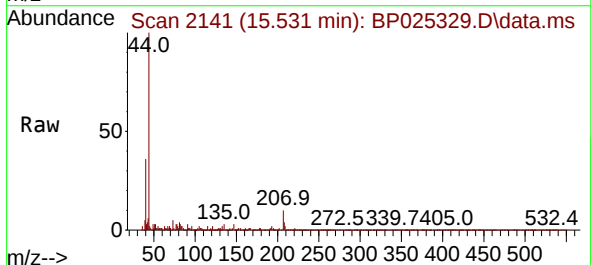
Instrument :
BNA_P
ClientSampleId :
PB169122TB

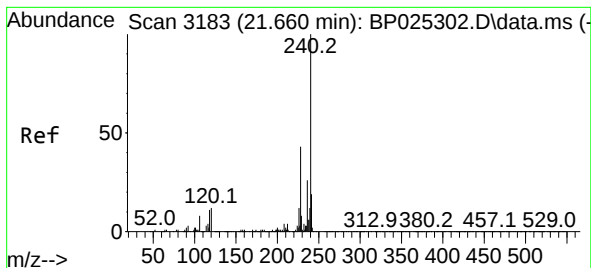
Tgt Ion:188 Resp: 1241724
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.5 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.839 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.029 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 1250.0 26.7 66.7#
105 768.8 25.6 65.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.672 min Scan# 3185

Delta R.T. 0.012 min

Lab File: BP025329.D

Acq: 08 Aug 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB169122TB

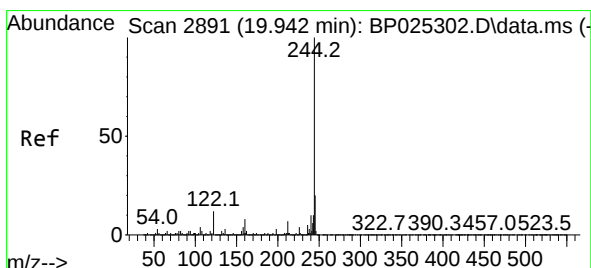
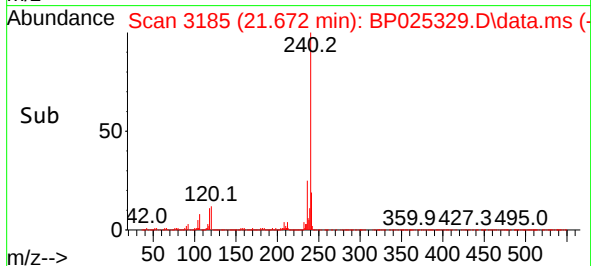
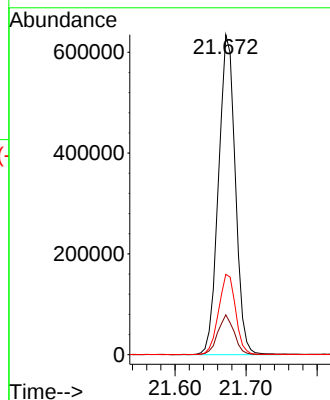
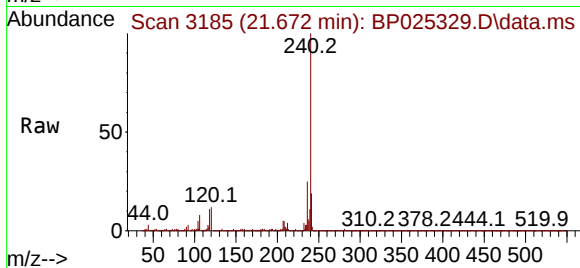
Tgt Ion:240 Resp: 1038131

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

236 25.1 20.4 30.6



#79

Terphenyl-d14

Concen: 82.453 ng

RT: 19.948 min Scan# 2892

Delta R.T. 0.006 min

Lab File: BP025329.D

Acq: 08 Aug 2025 12:19

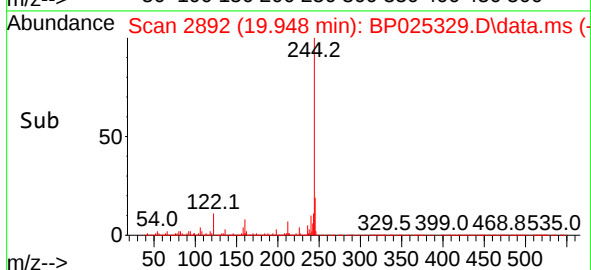
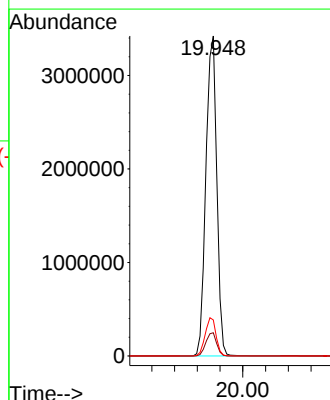
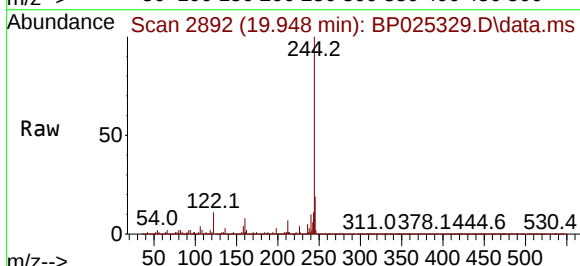
Tgt Ion:244 Resp: 4531870

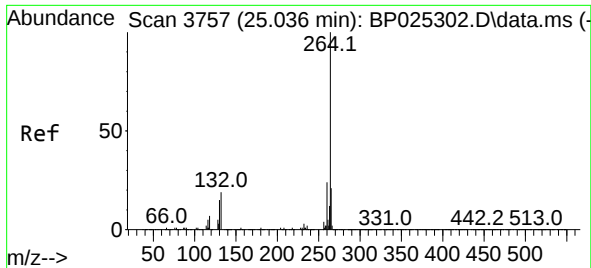
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.3 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP025329.D
Acq: 08 Aug 2025 12:19

Instrument :
BNA_P
ClientSampleId :
PB169122TB

Tgt Ion:264 Resp: 1111724

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.1	25.7

