

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
 Data File : BP025307.D
 Acq On : 05 Aug 2025 18:54
 Operator : CG/JU
 Sample : PB169079TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169079TB

Quant Time: Aug 06 06:57:28 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)

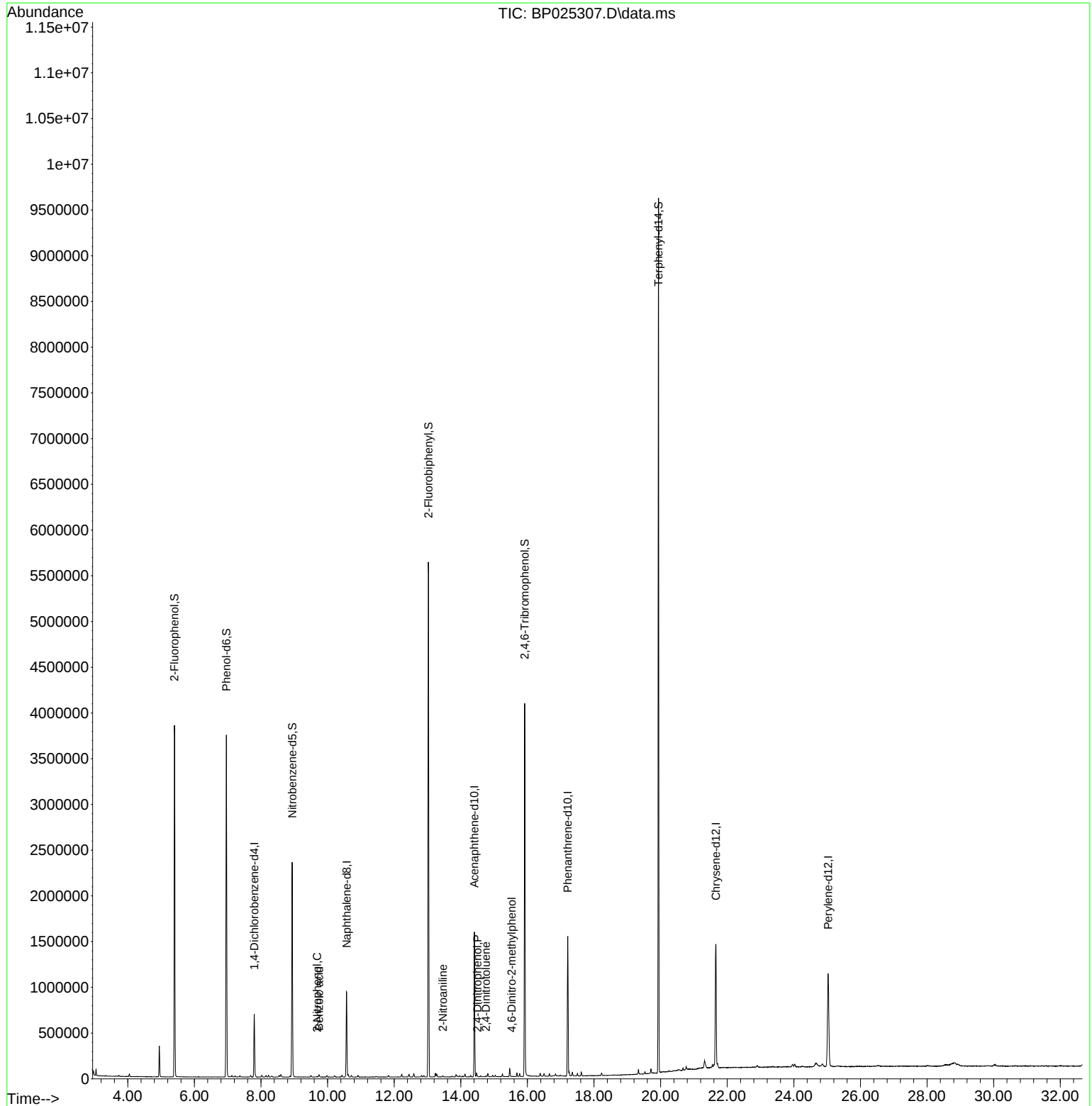
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	193557	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	793628	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	491181	20.000	ng	-0.01
64) Phenanthrene-d10	17.213	188	977823	20.000	ng	-0.01
76) Chrysene-d12	21.660	240	992852	20.000	ng	0.00
86) Perylene-d12	25.030	264	1066955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1658001	137.772	ng	0.00
7) Phenol-d6	6.961	99	2082072	131.459	ng	0.00
23) Nitrobenzene-d5	8.937	82	1267071	88.451	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	679557	138.682	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2947196	82.876	ng	0.00
79) Terphenyl-d14	19.936	244	4392961	83.571	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.684	139	2020	3.954	ng	# 86
32) Benzoic acid	9.743	122	9374	7.380	ng	# 32
48) 2-Nitroaniline	13.460	65	3098	3.323	ng	# 88
54) 2,4-Dinitrophenol	14.501	184	959	2.227	ng	# 65
57) 2,4-Dinitrotoluene	14.754	165	2520	3.484	ng	# 91
65) 4,6-Dinitro-2-methylph...	15.531	198	947	5.096	ng	# 61

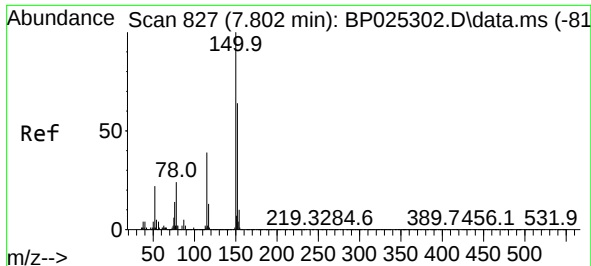
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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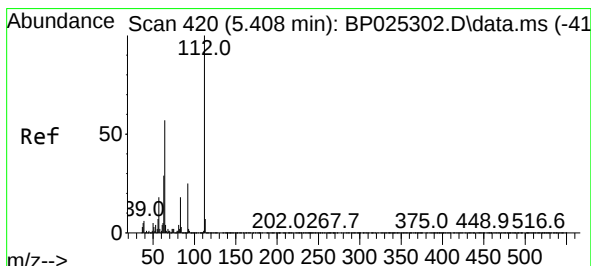
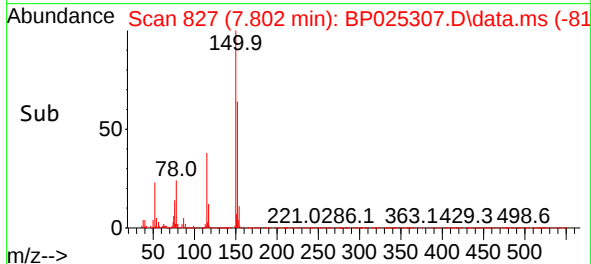
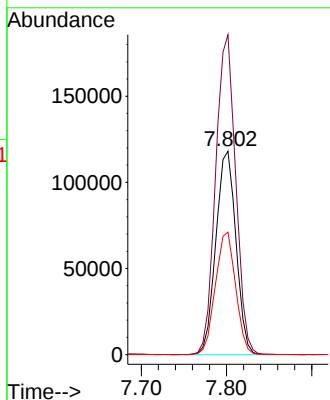
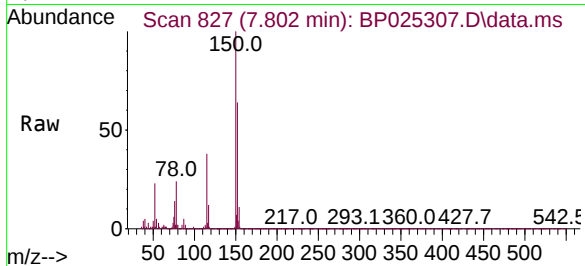




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025307.D
 Acq: 05 Aug 2025 18:54

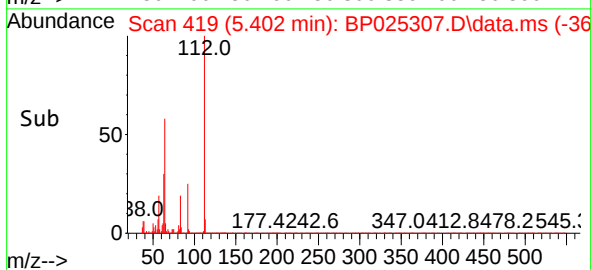
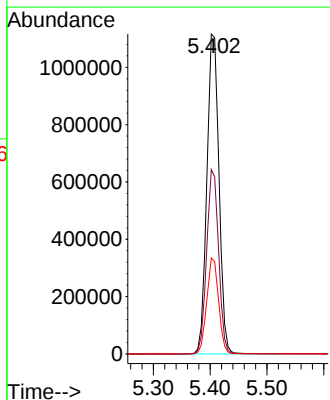
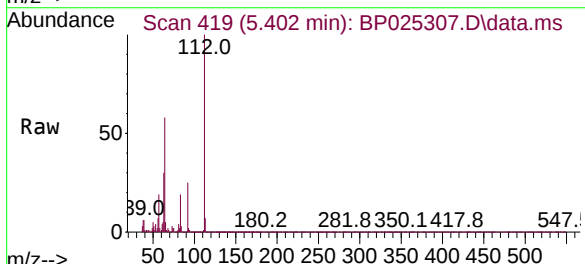
Instrument :
 BNA_P
 ClientSampleId :
 PB169079TB

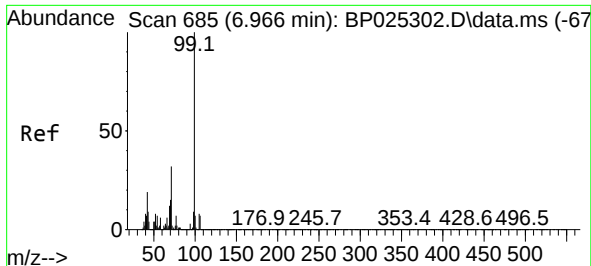
Tgt Ion:152 Resp: 193557
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.1 187.7
 115 60.2 48.4 72.6



#5
 2-Fluorophenol
 Concen: 137.772 ng
 RT: 5.402 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025307.D
 Acq: 05 Aug 2025 18:54

Tgt Ion:112 Resp: 1658001
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.3 67.9
 63 30.0 23.0 34.6



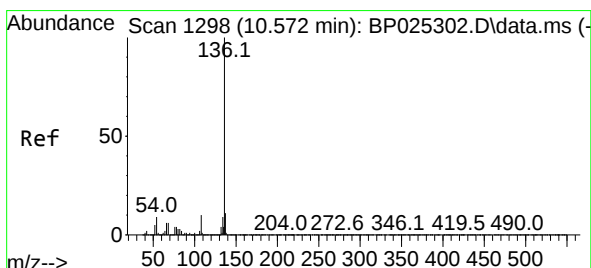
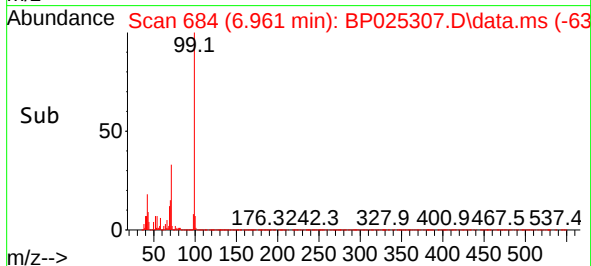
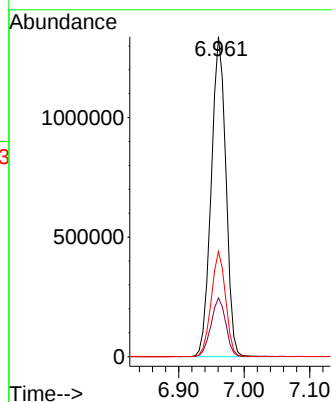
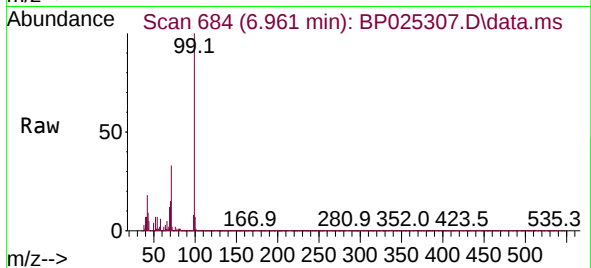


#7
Phenol-d6
Concen: 131.459 ng
RT: 6.961 min Scan# 684
Delta R.T. -0.005 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Instrument :
BNA_P
ClientSampleId :
PB169079TB

Tgt Ion: 99 Resp: 2082072

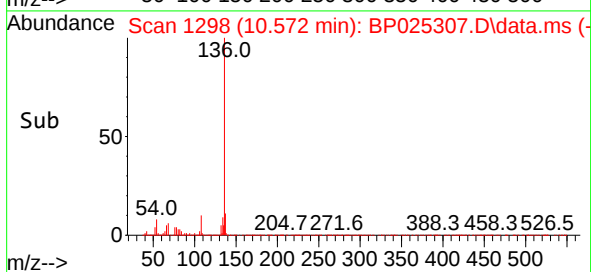
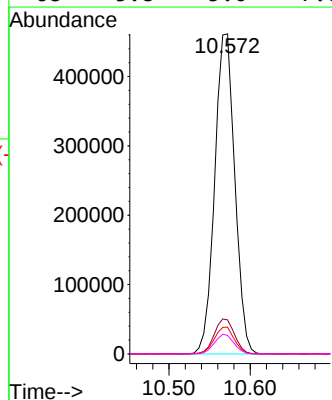
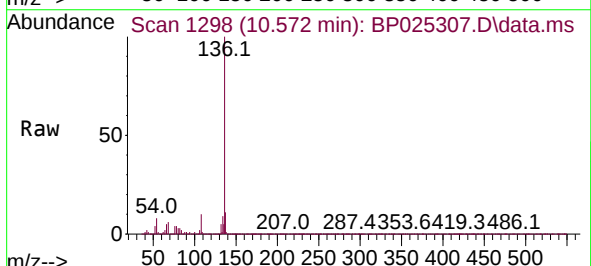
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.6
71	32.8	25.5	38.3

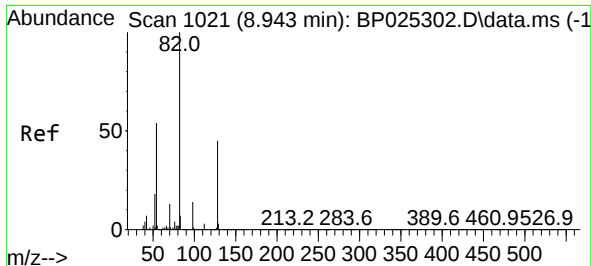


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion: 136 Resp: 793628

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.4	7.0	10.6
68	5.8	5.0	7.6

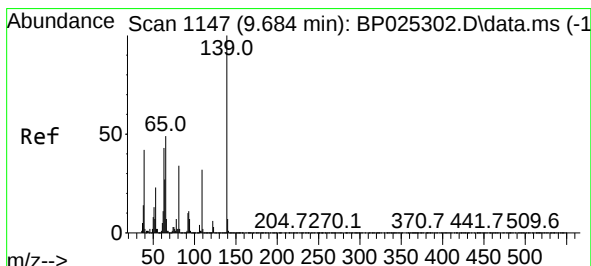
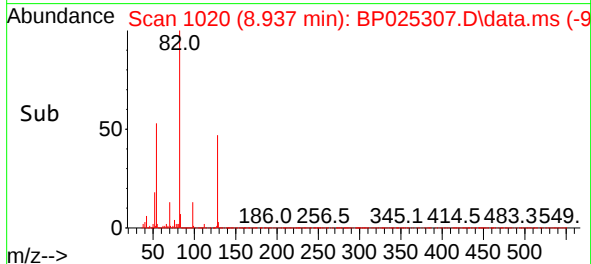
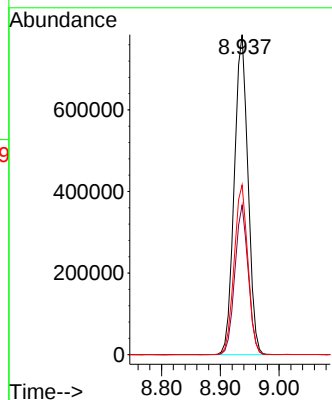
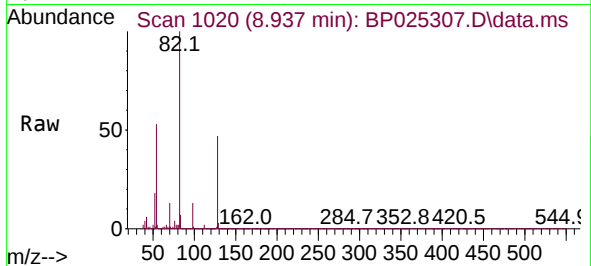




#23
Nitrobenzene-d5
Concen: 88.451 ng
RT: 8.937 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

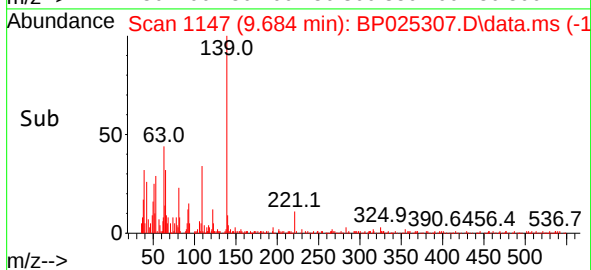
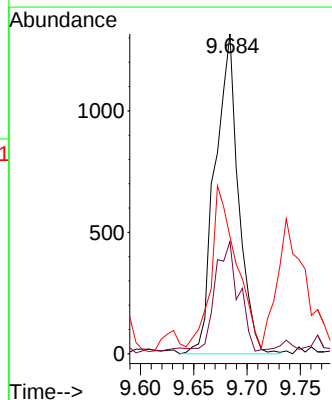
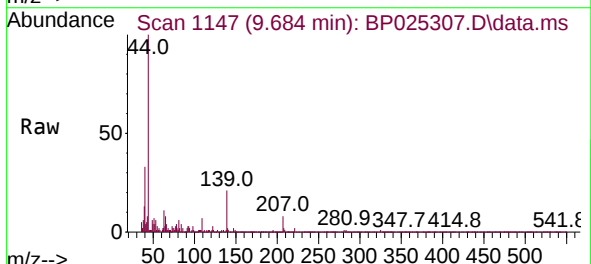
Instrument :
BNA_P
ClientSampleId :
PB169079TB

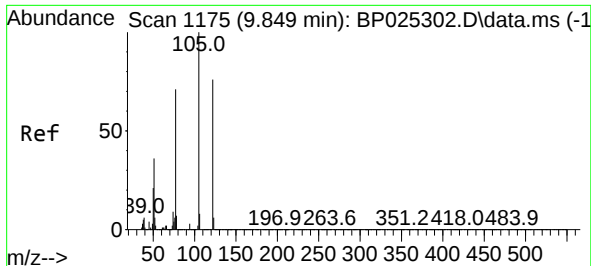
Tgt Ion: 82 Resp: 1267071
Ion Ratio Lower Upper
82 100
128 46.7 35.4 53.2
54 53.0 42.9 64.3



#26
2-Nitrophenol
Concen: 3.954 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:139 Resp: 2020
Ion Ratio Lower Upper
139 100
109 35.1 25.2 37.8
65 36.7 39.6 59.4#

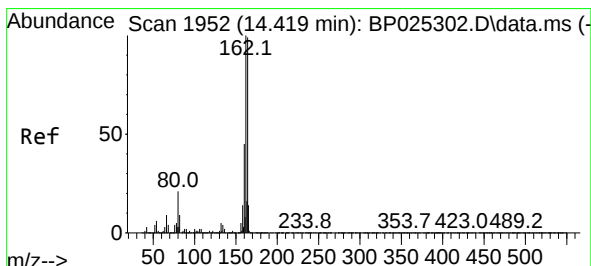
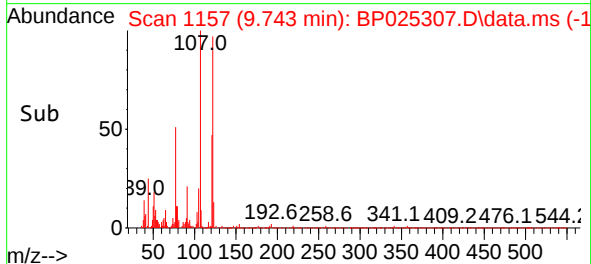
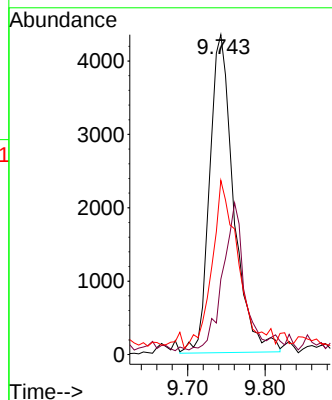
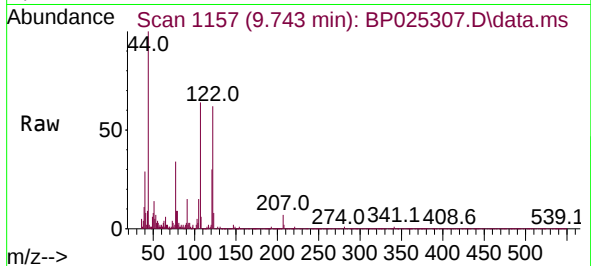




#32
Benzoic acid
Concen: 7.380 ng
RT: 9.743 min Scan# 1175
Delta R.T. -0.106 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

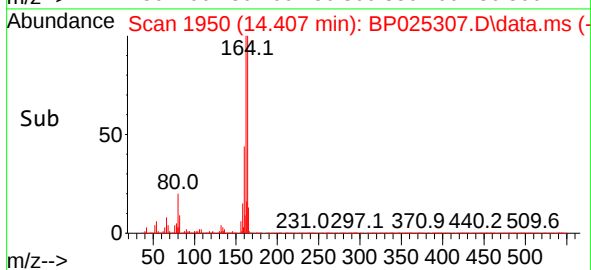
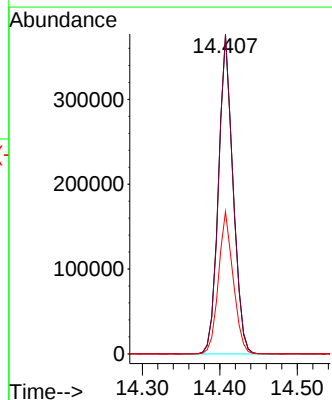
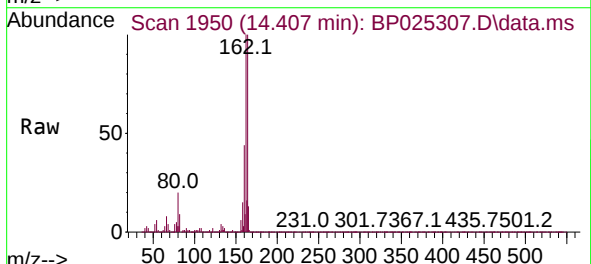
Instrument :
BNA_P
ClientSampleId :
PB169079TB

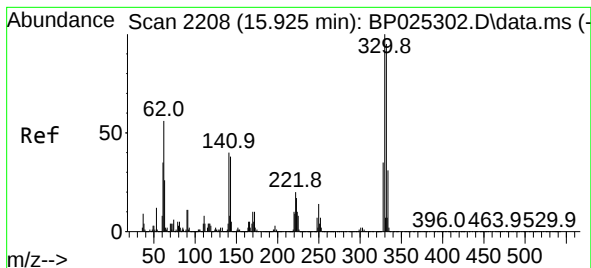
Tgt Ion:122 Resp: 9374
Ion Ratio Lower Upper
122 100
105 23.6 104.0 144.0#
77 54.4 71.8 111.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:164 Resp: 491181
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.682 ng

RT: 15.919 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

Instrument :

BNA_P

ClientSampleId :

PB169079TB

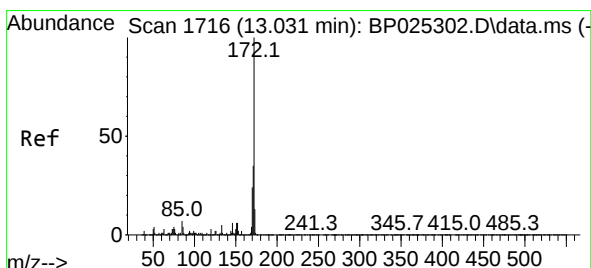
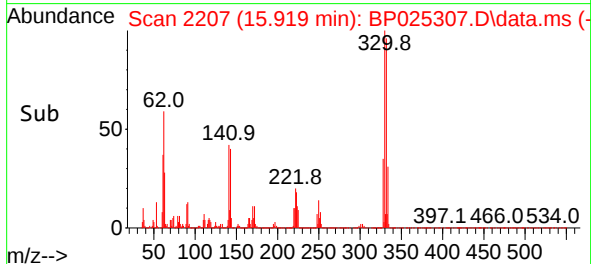
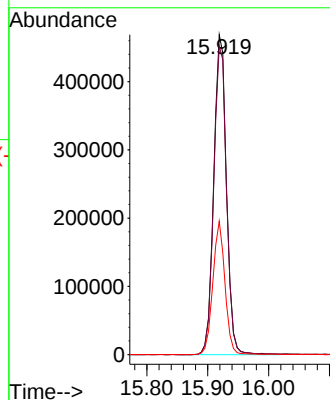
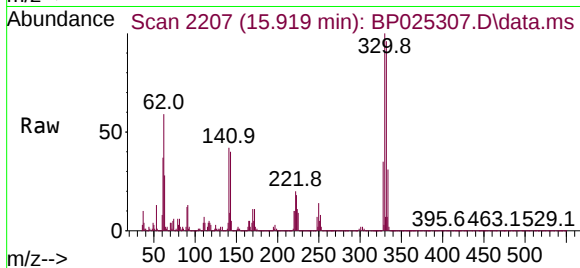
Tgt Ion:330 Resp: 679557

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 39.8 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 82.876 ng

RT: 13.025 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

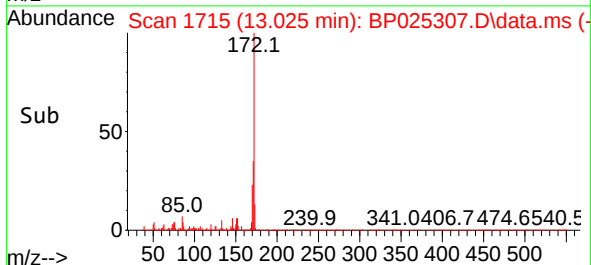
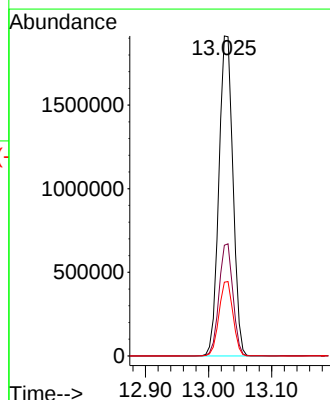
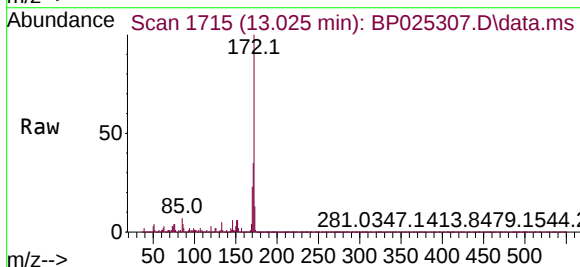
Tgt Ion:172 Resp: 2947196

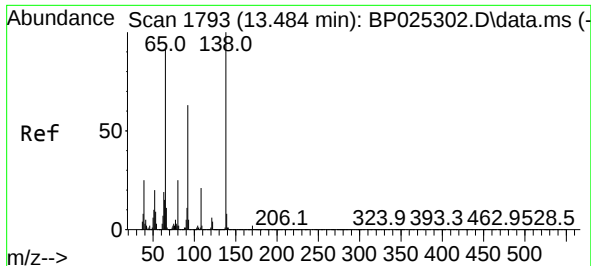
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.0 18.9 28.3

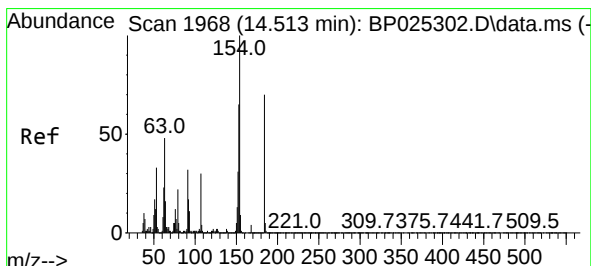
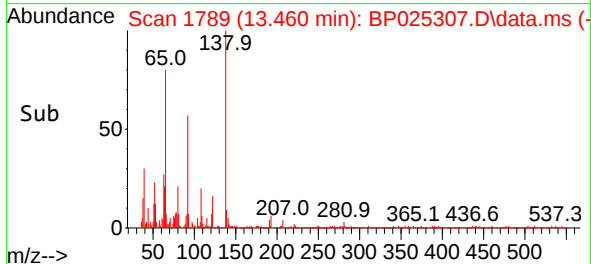
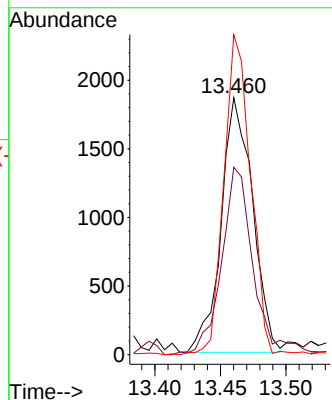
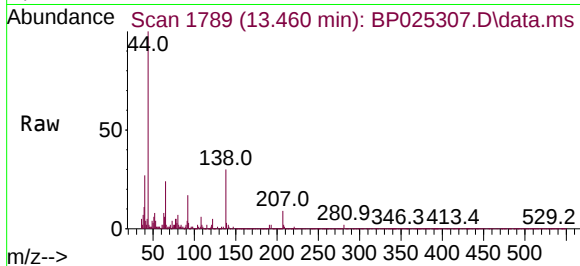




#48
2-Nitroaniline
Concen: 3.323 ng
RT: 13.460 min Scan# 1793
Delta R.T. -0.024 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

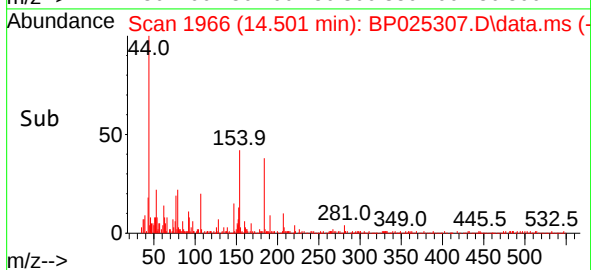
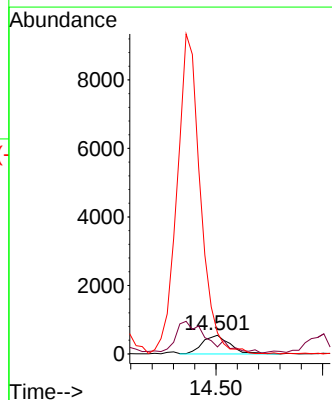
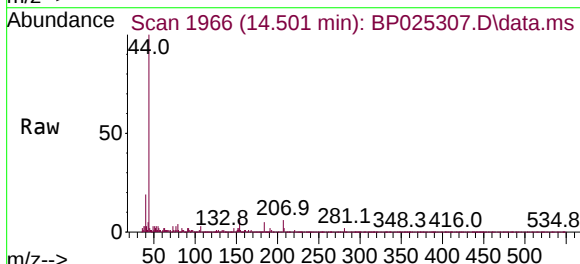
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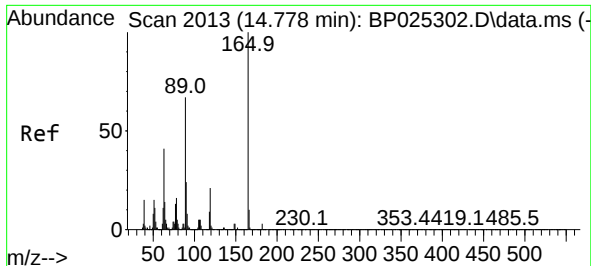
Tgt Ion: 65 Resp: 3098
Ion Ratio Lower Upper
65 100
92 72.9 54.4 81.6
138 124.6 87.0 130.4



#54
2,4-Dinitrophenol
Concen: 2.227 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:184 Resp: 959
Ion Ratio Lower Upper
184 100
63 37.1 56.3 84.5#
154 112.7 124.5 186.7#

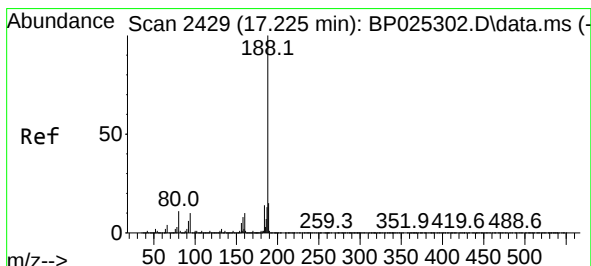
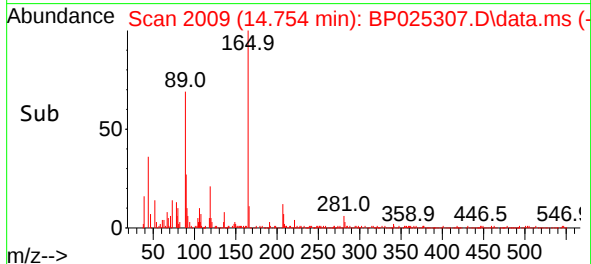
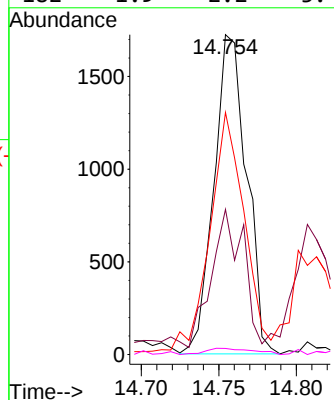
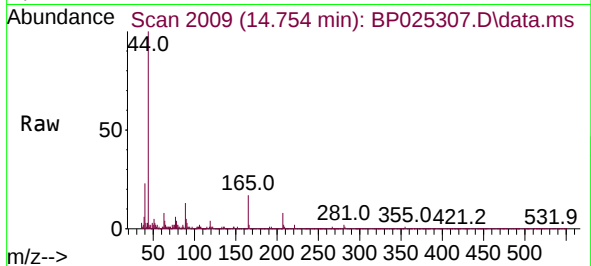




#57
2,4-Dinitrotoluene
Concen: 3.484 ng
RT: 14.754 min Scan# 2013
Delta R.T. -0.024 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

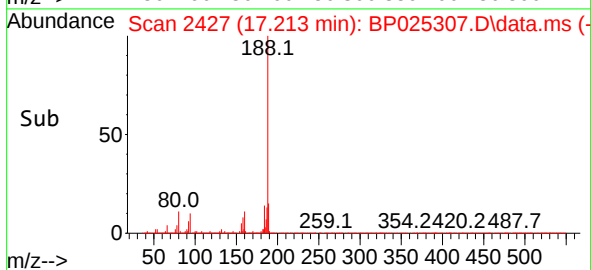
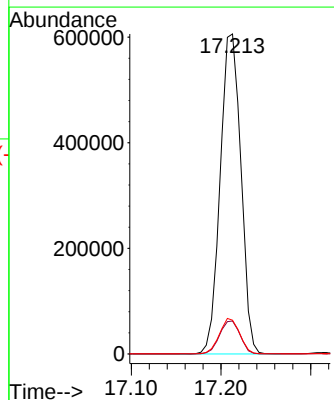
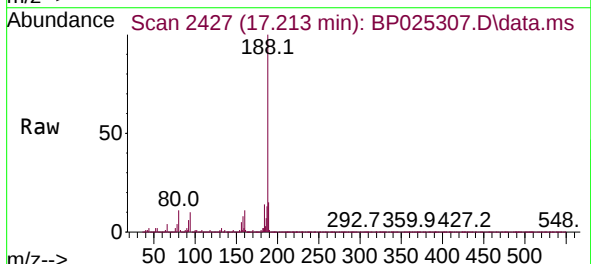
Instrument :
BNA_P
ClientSampleId :
PB169079TB

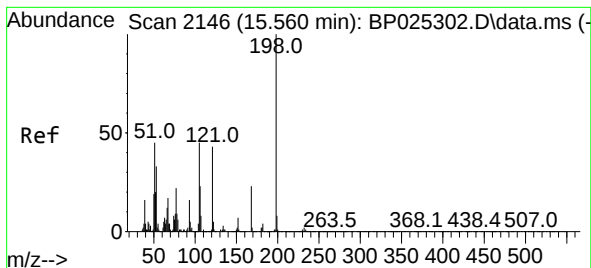
Tgt Ion:165	Resp:	2520
Ion Ratio	Lower	Upper
165	100	
63	45.4	33.2 49.8
89	75.7	53.5 80.3
182	1.9	2.2 3.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:188	Resp:	977823
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.0 12.0
80	10.6	8.5 12.7

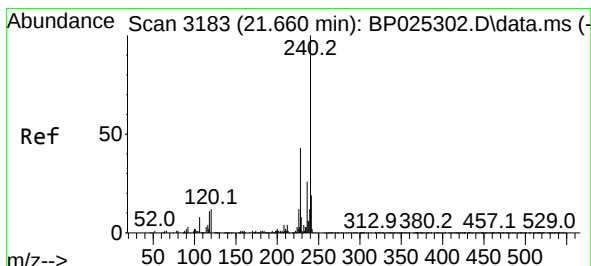
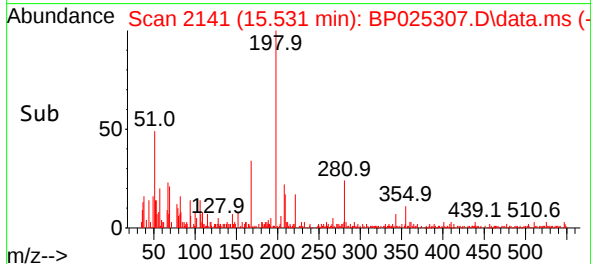
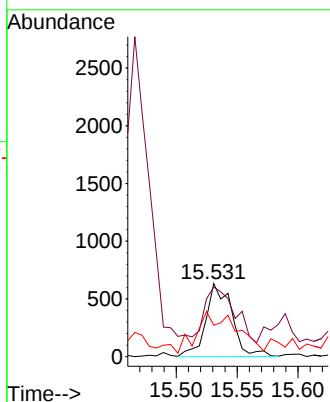
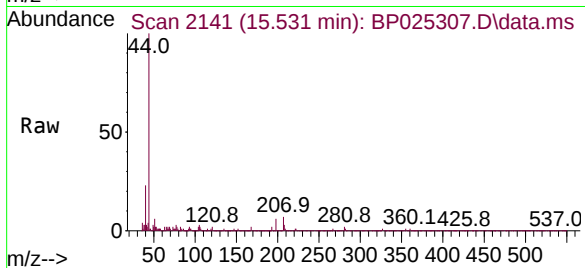




#65
4,6-Dinitro-2-methylphenol
Concen: 5.096 ng
RT: 15.531 min Scan# 2146
Delta R.T. -0.029 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

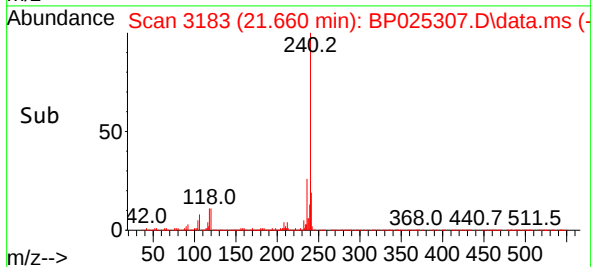
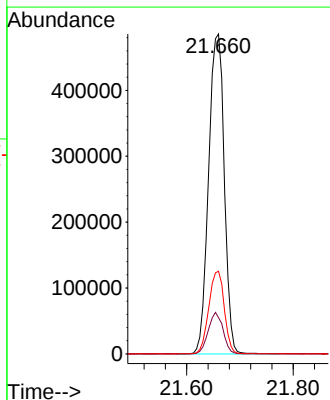
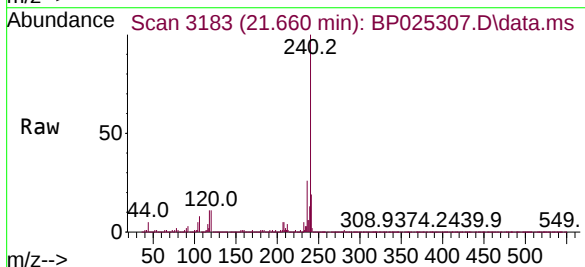
Instrument :
BNA_P
ClientSampleId :
PB169079TB

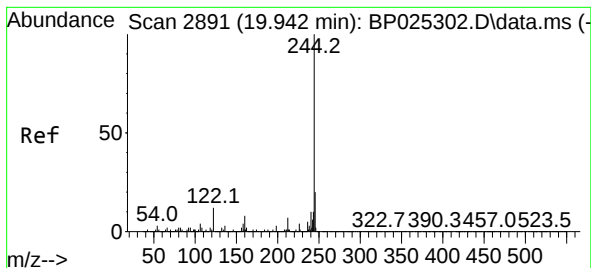
Tgt Ion:198 Resp: 947
Ion Ratio Lower Upper
198 100
51 95.3 26.7 66.7#
105 43.0 25.6 65.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025307.D
Acq: 05 Aug 2025 18:54

Tgt Ion:240 Resp: 992852
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 83.571 ng

RT: 19.936 min Scan# 2891

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

Instrument :

BNA_P

ClientSampleId :

PB169079TB

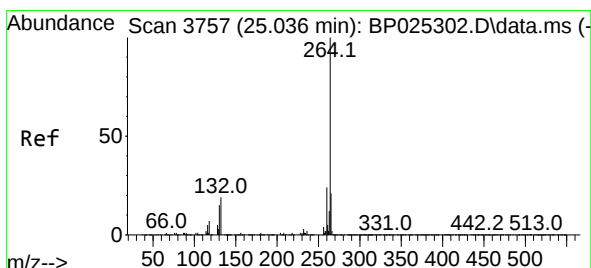
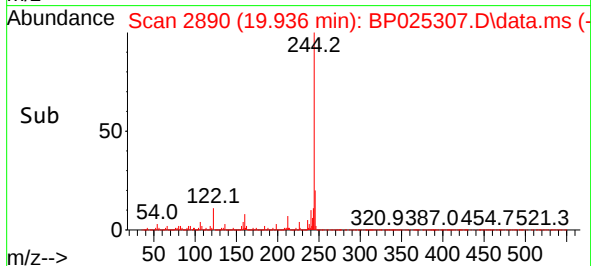
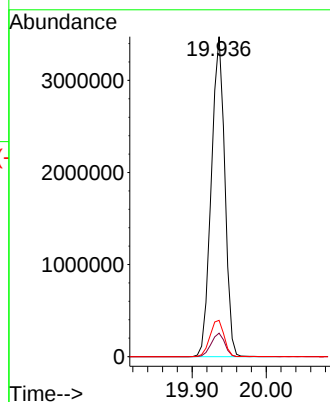
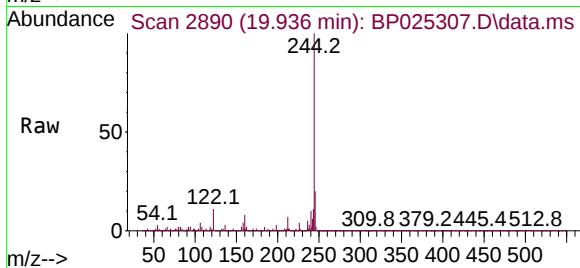
Tgt Ion:244 Resp: 4392961

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.030 min Scan# 3756

Delta R.T. -0.006 min

Lab File: BP025307.D

Acq: 05 Aug 2025 18:54

Tgt Ion:264 Resp: 1066955

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.0 17.1 25.7

