

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025330.D
 Acq On : 08 Aug 2025 13:05
 Operator : CG/JU
 Sample : Q2780-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Aug 08 13:37:23 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)

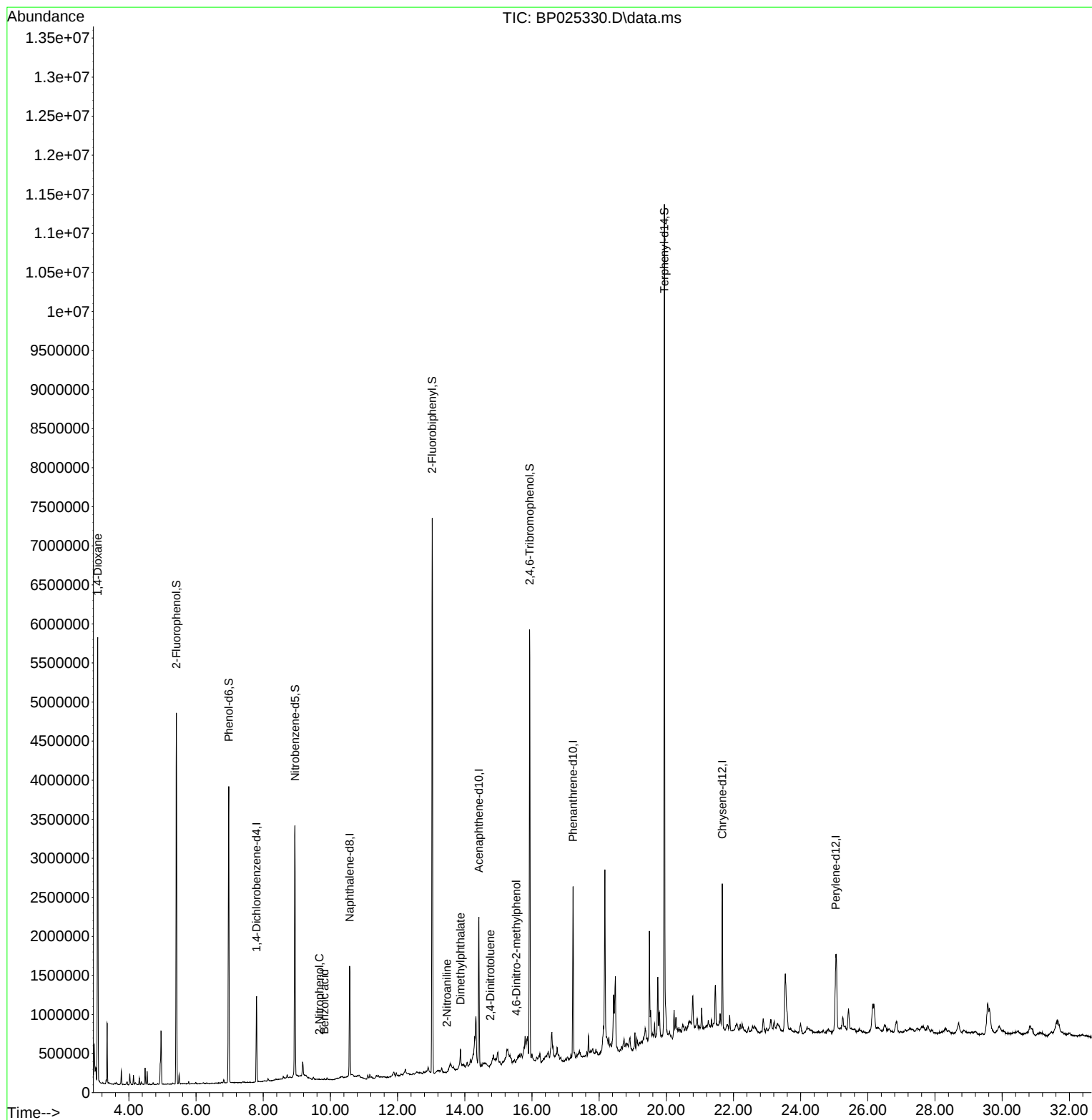
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	314787	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1213955	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	733208	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1351592	20.000	ng	0.00
76) Chrysene-d12	21.666	240	1113321	20.000	ng	0.00
86) Perylene-d12	25.048	264	1217704	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	2059782	105.242	ng	0.00
7) Phenol-d6	6.972	99	2213399	85.930	ng	0.00
23) Nitrobenzene-d5	8.943	82	1869752	85.330	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	1042379	142.507	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	4007838	75.499	ng	0.00
79) Terphenyl-d14	19.942	244	5466995	92.749	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.066	88	46267	5.990	ng	# 1
26) 2-Nitrophenol	9.672	139	316	3.671	ng	# 1
32) Benzoic acid	9.819	122	6675	6.620	ng	90
48) 2-Nitroaniline	13.472	65	390	2.994	ng	# 56
50) Dimethylphthalate	13.872	163	123885	2.318	ng	# 94
57) 2,4-Dinitrotoluene	14.760	165	759	3.301	ng	# 59
65) 4,6-Dinitro-2-methylph...	15.536	198	181	4.871	ng	# 1

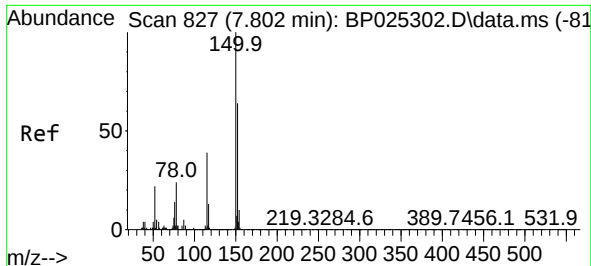
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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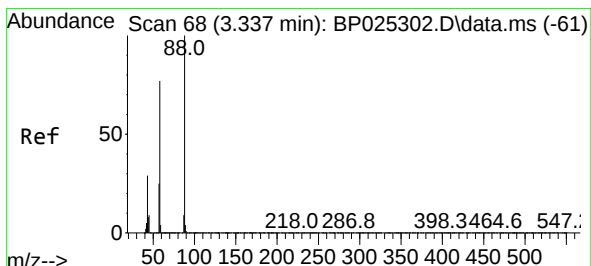
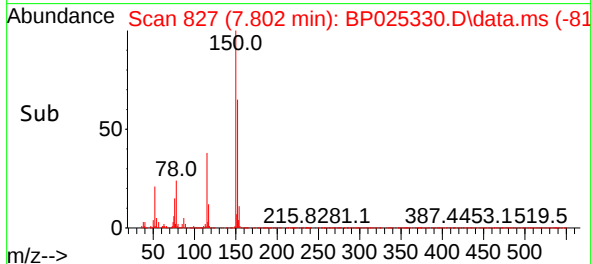
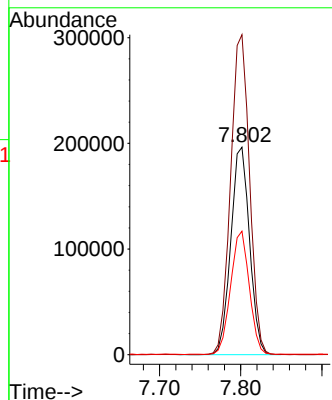
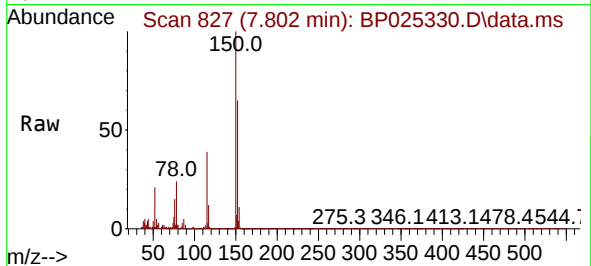




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025330.D
 Acq: 08 Aug 2025 13:05

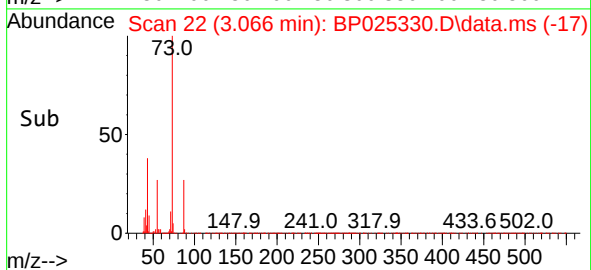
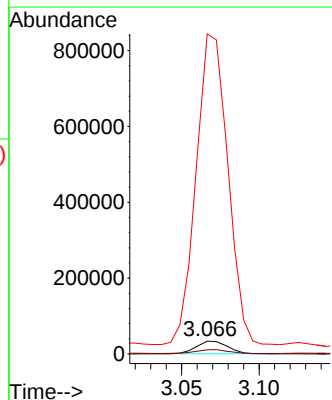
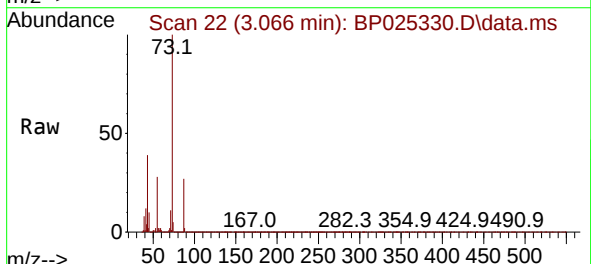
Instrument :
 BNA_P
 ClientSampleId :
 TP-3

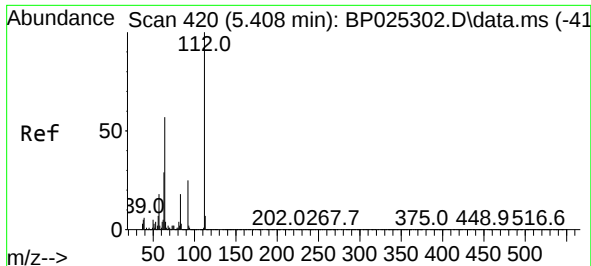
Tgt Ion:152 Resp: 314787
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.1 187.7
 115 59.5 48.4 72.6



#2
 1,4-Dioxane
 Concen: 5.990 ng
 RT: 3.066 min Scan# 22
 Delta R.T. -0.271 min
 Lab File: BP025330.D
 Acq: 08 Aug 2025 13:05

Tgt Ion: 88 Resp: 46267
 Ion Ratio Lower Upper
 88 100
 58 31.0 61.9 92.9#
 43 2478.9 24.2 36.2#

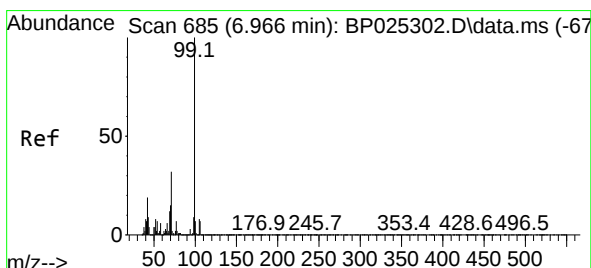
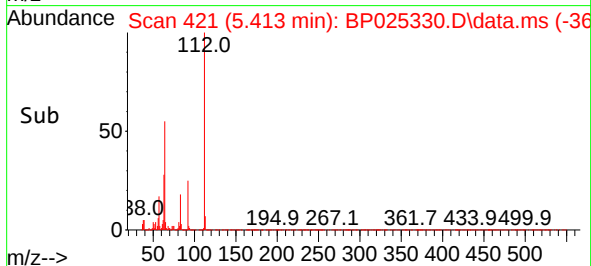
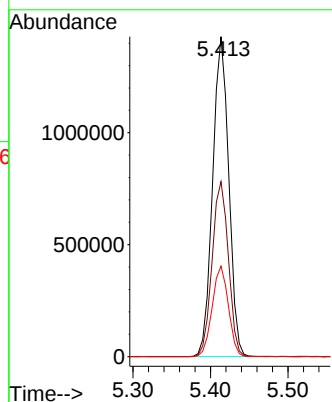
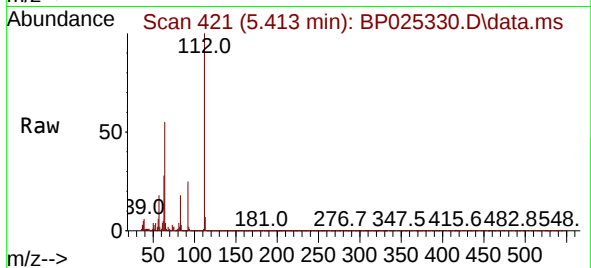




#5
2-Fluorophenol
Concen: 105.242 ng
RT: 5.413 min Scan# 41
Delta R.T. 0.005 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

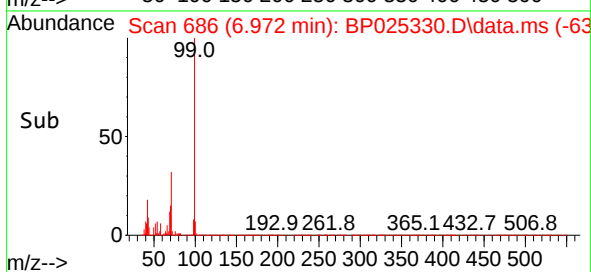
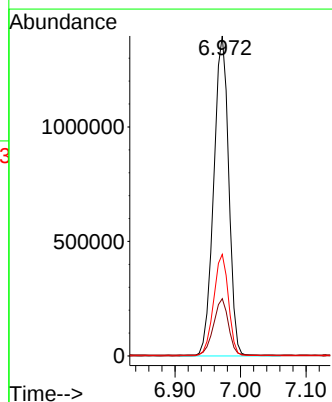
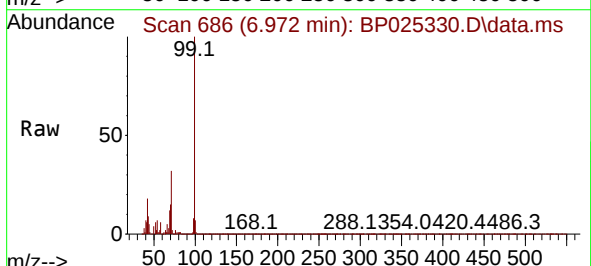
Instrument :
BNA_P
ClientSampleId :
TP-3

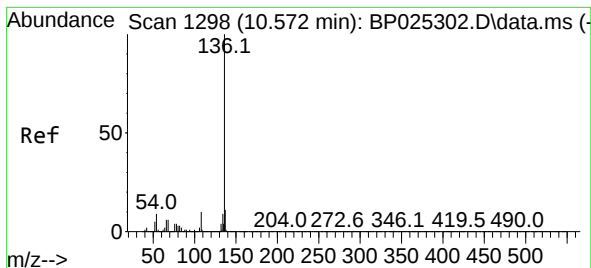
Tgt Ion:112 Resp: 2059782
Ion Ratio Lower Upper
112 100
64 54.7 45.3 67.9
63 28.3 23.0 34.6



#7
Phenol-d6
Concen: 85.930 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Tgt Ion: 99 Resp: 2213399
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.6
71 31.7 25.5 38.3



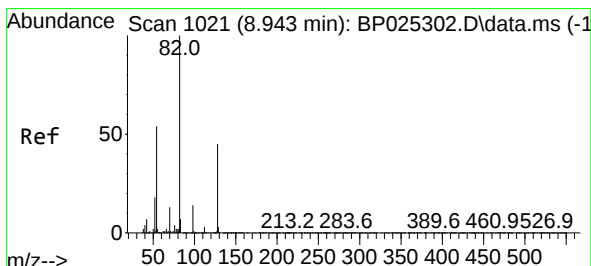
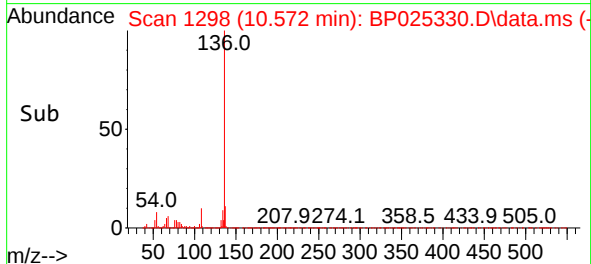
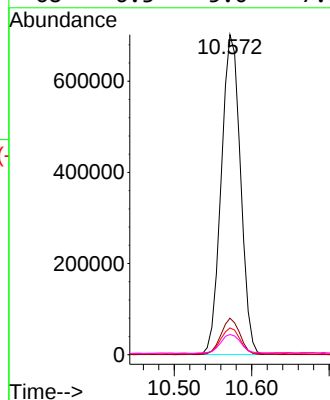
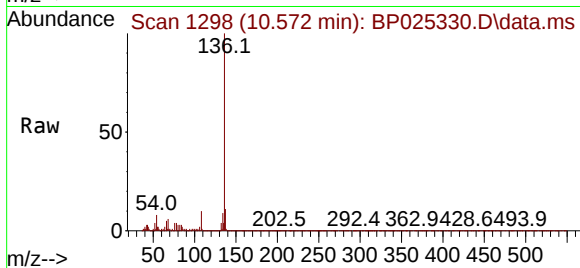


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 1213955

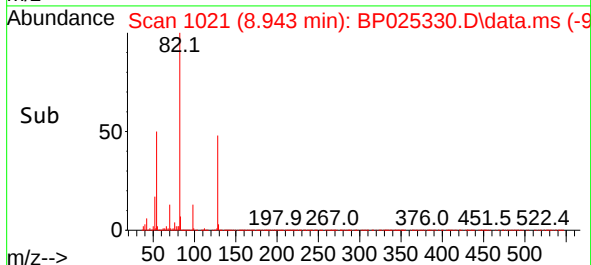
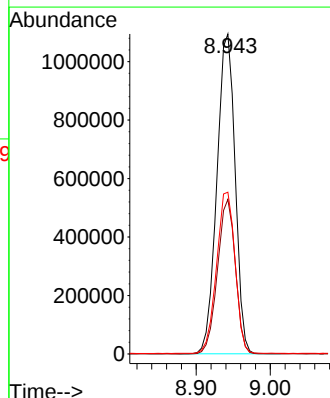
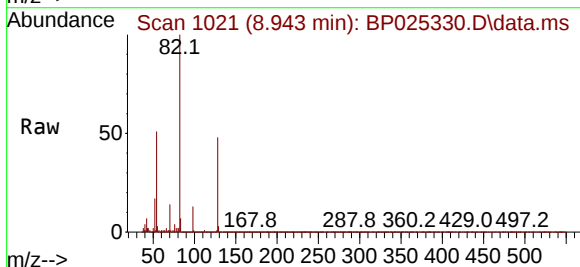
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.4	7.0	10.6
68	6.3	5.0	7.6

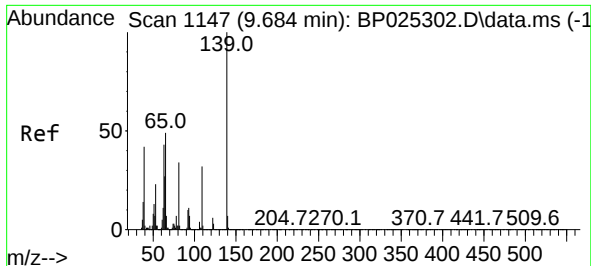


#23
Nitrobenzene-d5
Concen: 85.330 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Tgt Ion: 82 Resp: 1869752

Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.4	53.2
54	50.6	42.9	64.3

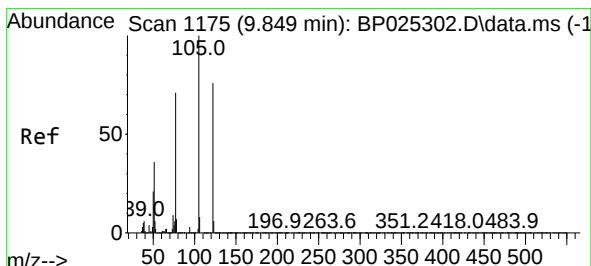
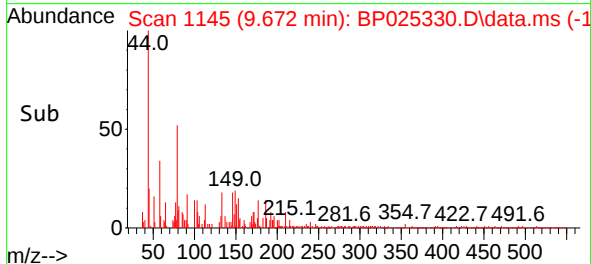
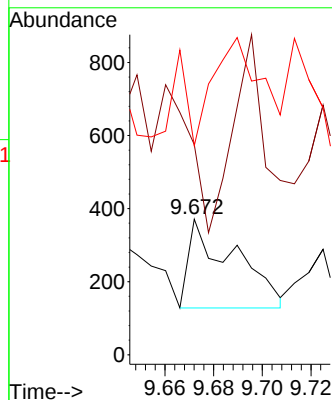
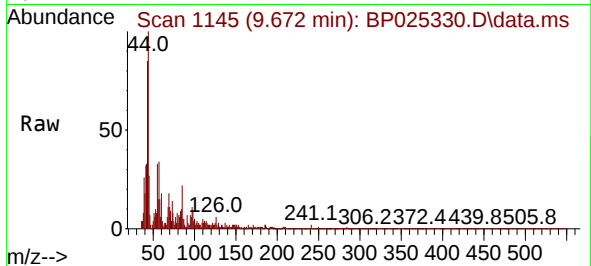




#26
2-Nitrophenol
Concen: 3.671 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

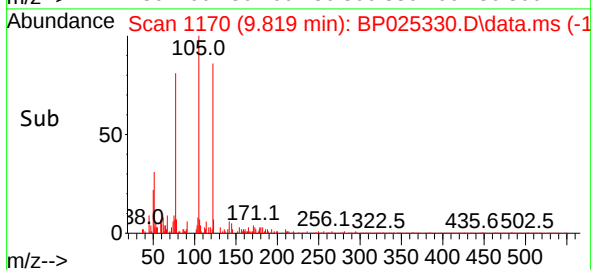
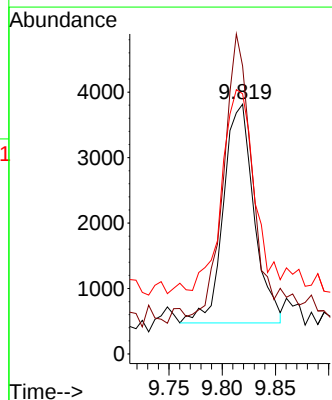
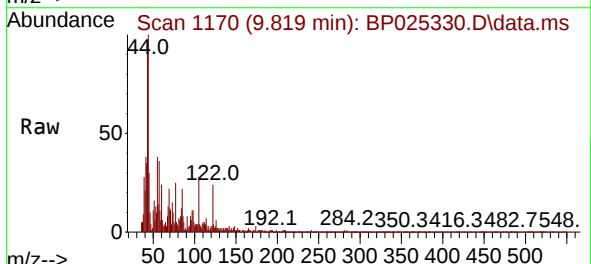
Instrument :
BNA_P
ClientSampleId :
TP-3

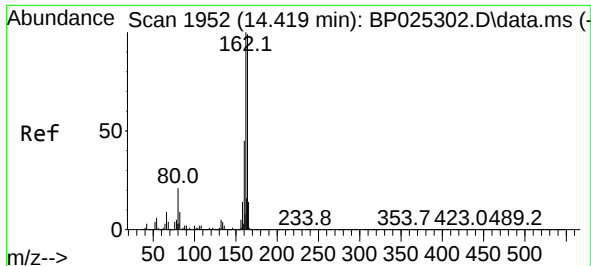
Tgt Ion:139 Resp: 316
Ion Ratio Lower Upper
139 100
109 155.0 25.2 37.8#
65 154.2 39.6 59.4#



#32
Benzoic acid
Concen: 6.620 ng
RT: 9.819 min Scan# 1170
Delta R.T. -0.030 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Tgt Ion:122 Resp: 6675
Ion Ratio Lower Upper
122 100
105 115.3 104.0 144.0
77 104.1 71.8 111.8

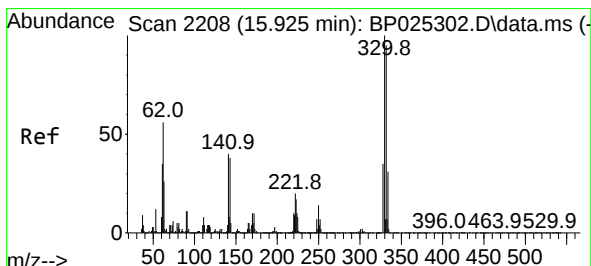
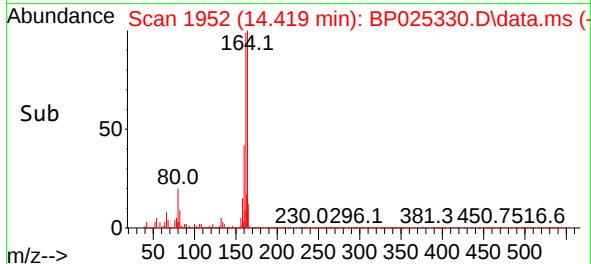
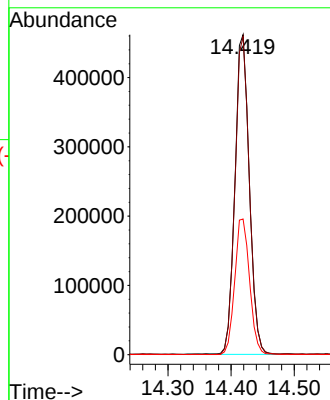
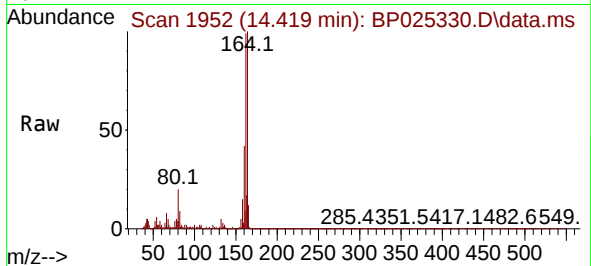




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

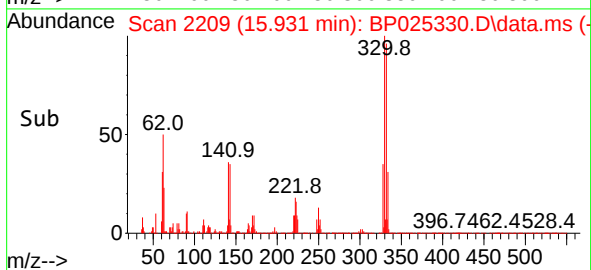
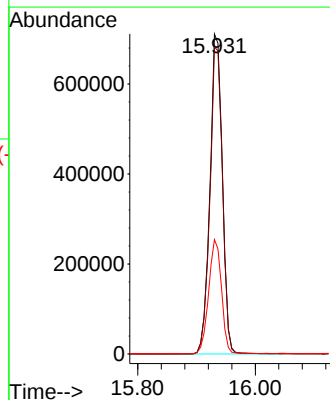
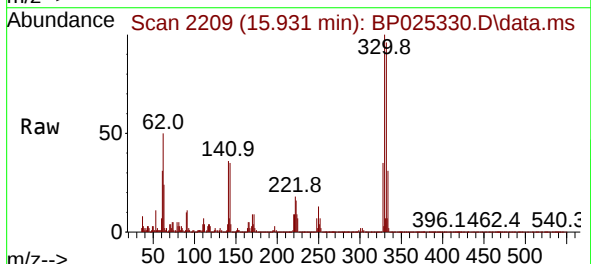
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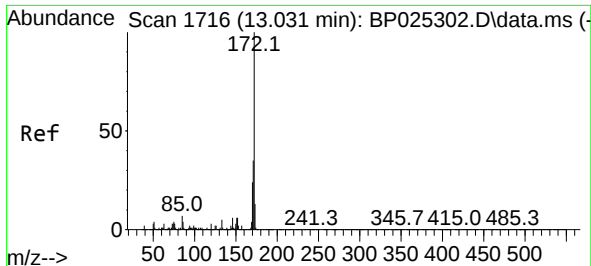
Tgt Ion:164 Resp: 733208
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 42.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 142.507 ng
RT: 15.931 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Tgt Ion:330 Resp: 1042379
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 36.6 31.7 47.5

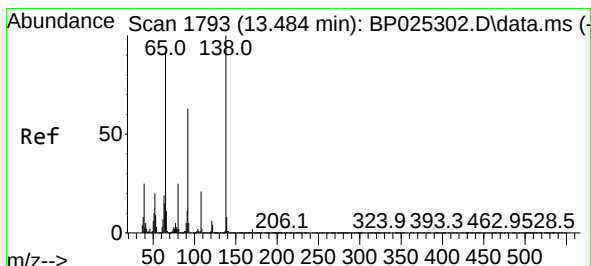
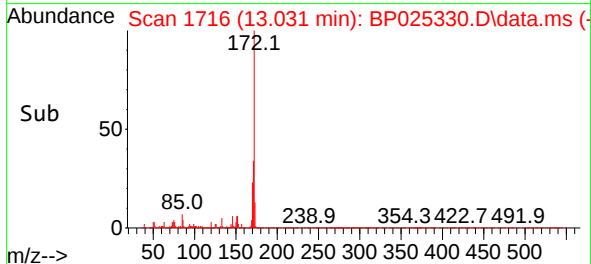
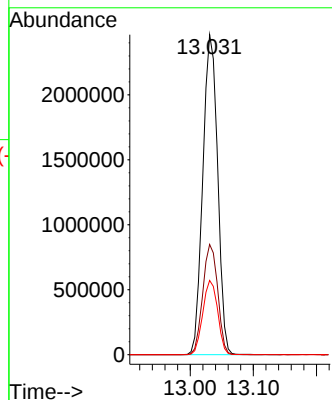
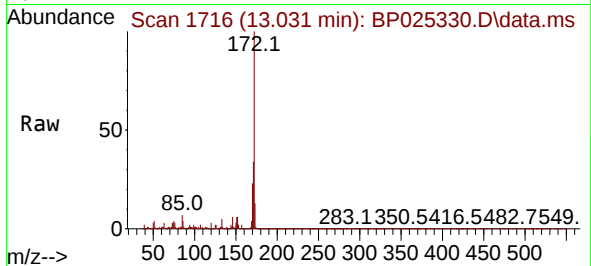




#45
2-Fluorobiphenyl
Concen: 75.499 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

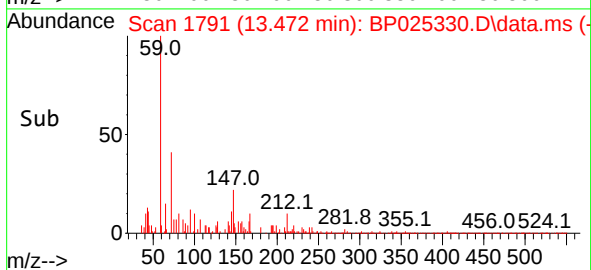
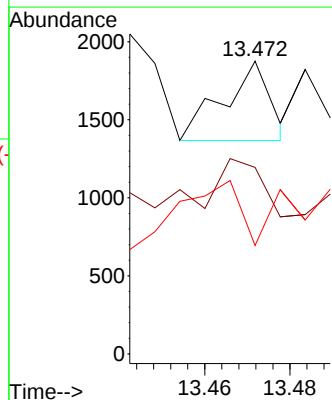
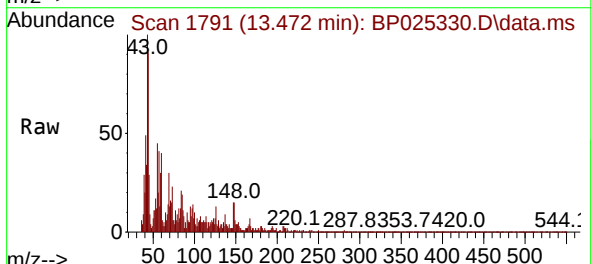
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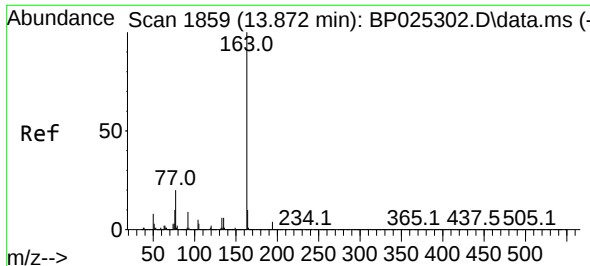
Tgt Ion:172 Resp: 4007838
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.2 18.9 28.3



#48
2-Nitroaniline
Concen: 2.994 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Tgt Ion: 65 Resp: 390
Ion Ratio Lower Upper
65 100
92 63.7 54.4 81.6
138 37.0 87.0 130.4#

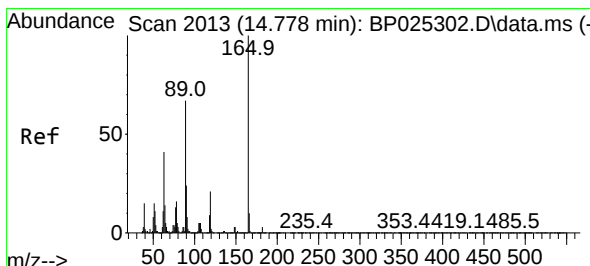
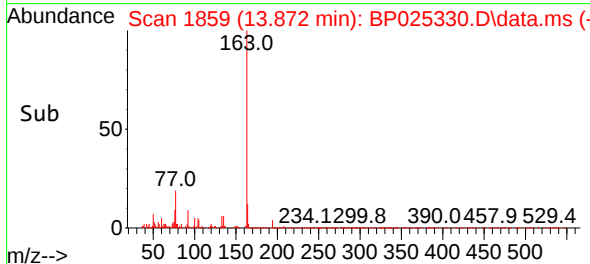
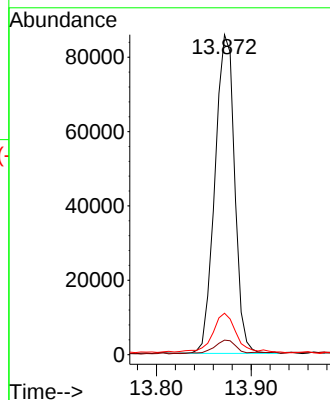
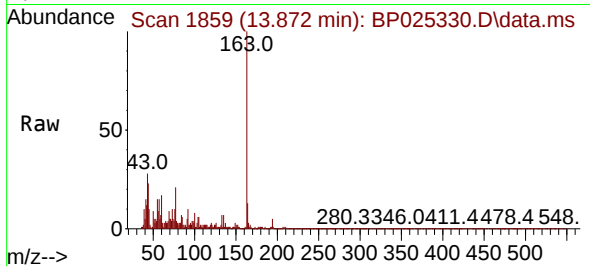




#50
Dimethylphthalate
Concen: 2.318 ng
RT: 13.872 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

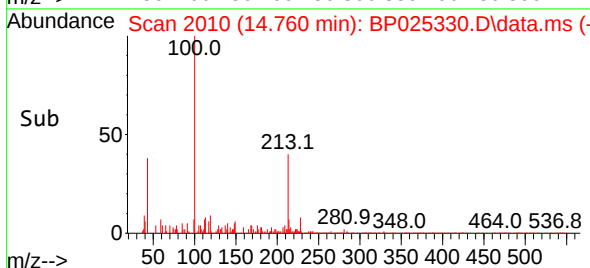
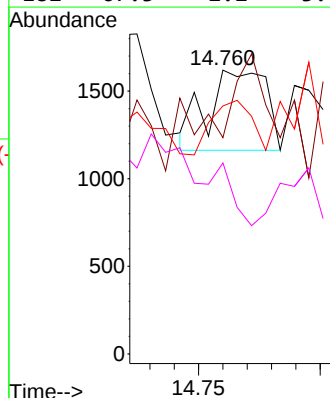
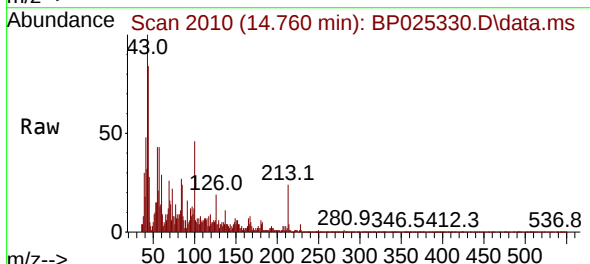
Instrument :
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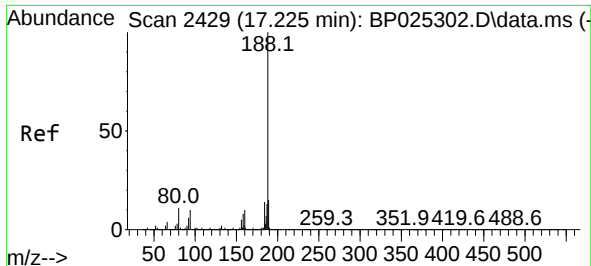
Tgt Ion:163 Resp: 123885
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 13.0 8.0 12.0#



#57
2,4-Dinitrotoluene
Concen: 3.301 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Tgt Ion:165 Resp: 759
Ion Ratio Lower Upper
165 100
63 76.2 33.2 49.8#
89 87.3 53.5 80.3#
182 67.3 2.2 3.4#

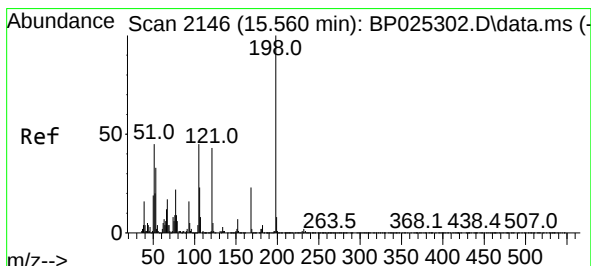
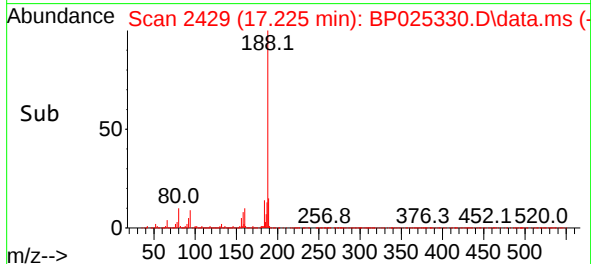
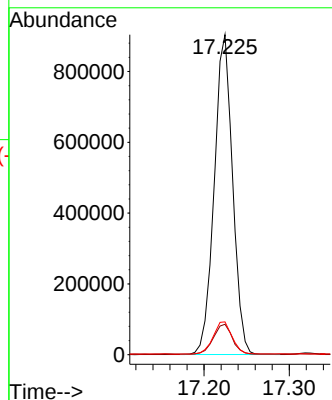
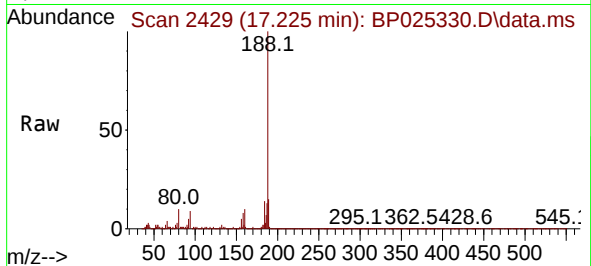




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

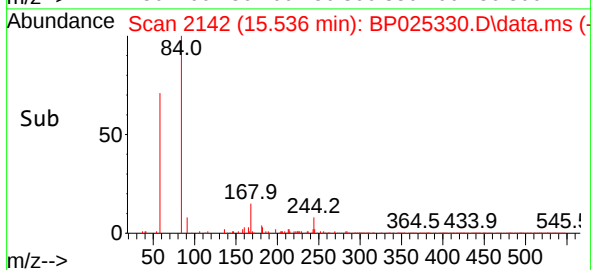
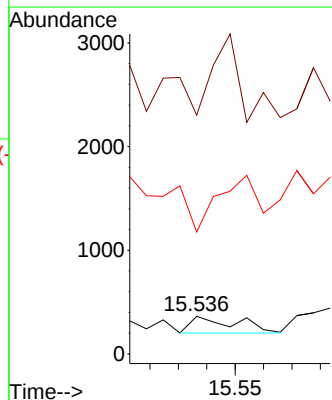
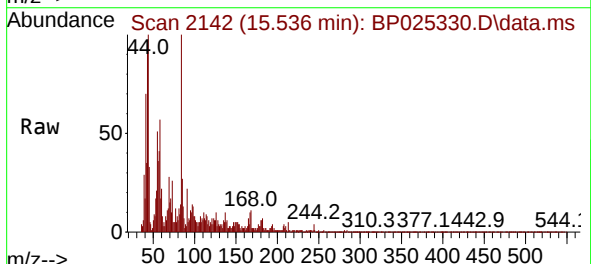
Instrument :
BNA_P
ClientSampleId :
TP-3

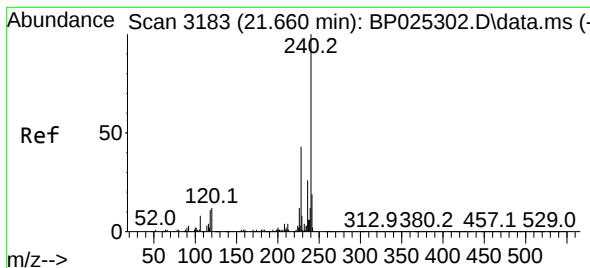
Tgt Ion:188 Resp: 1351592
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.2 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.871 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.024 min
Lab File: BP025330.D
Acq: 08 Aug 2025 13:05

Tgt Ion:198 Resp: 181
Ion Ratio Lower Upper
198 100
51 634.2 26.7 66.7#
105 323.7 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: BP025330.D

Acq: 08 Aug 2025 13:05

Instrument :

BNA_P

ClientSampleId :

TP-3

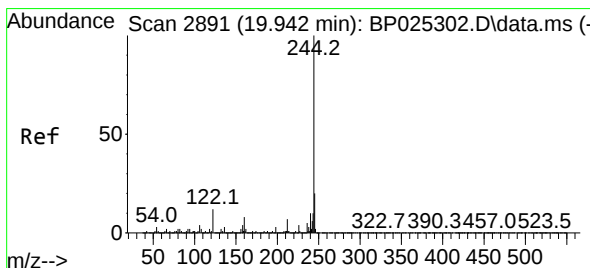
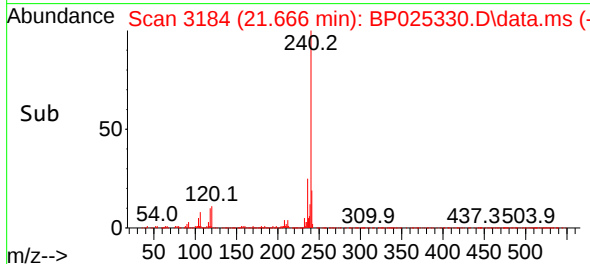
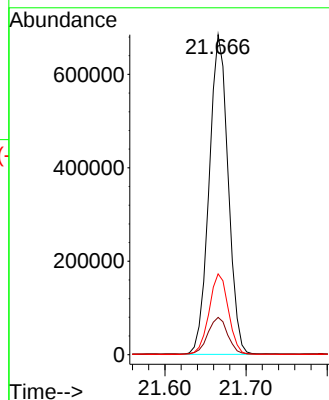
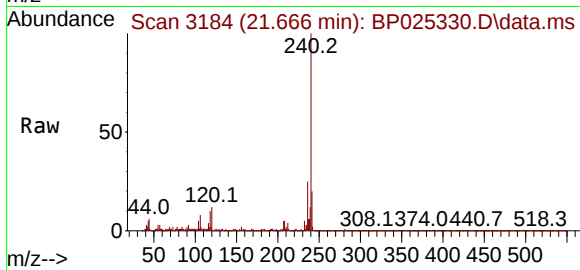
Tgt Ion:240 Resp: 1113321

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

236 25.2 20.4 30.6



#79

Terphenyl-d14

Concen: 92.749 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.000 min

Lab File: BP025330.D

Acq: 08 Aug 2025 13:05

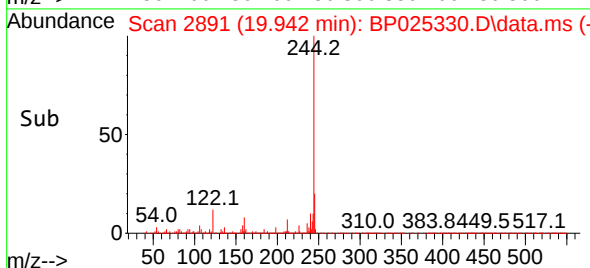
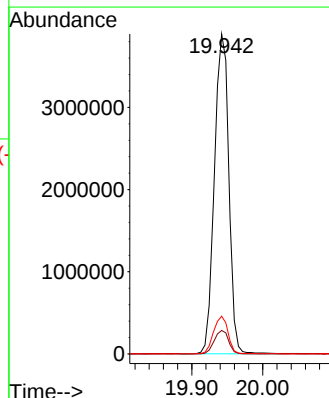
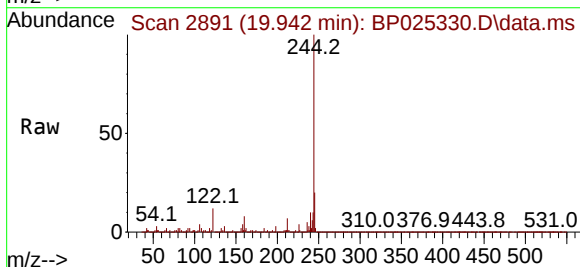
Tgt Ion:244 Resp: 5466995

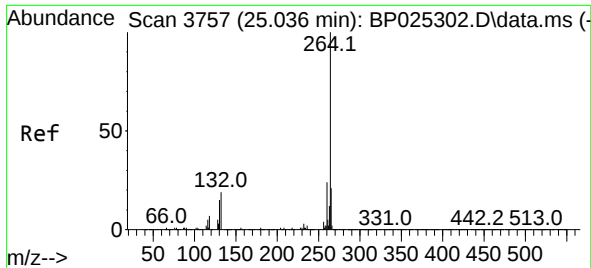
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.8 9.5 14.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.048 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP025330.D
 Acq: 08 Aug 2025 13:05

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Tgt Ion:264 Resp: 1217704
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.0 17.1 25.7

