

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
 Data File : BP025312.D
 Acq On : 07 Aug 2025 13:47
 Operator : CG/JU
 Sample : Q2763-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Aug 07 14:41:17 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)

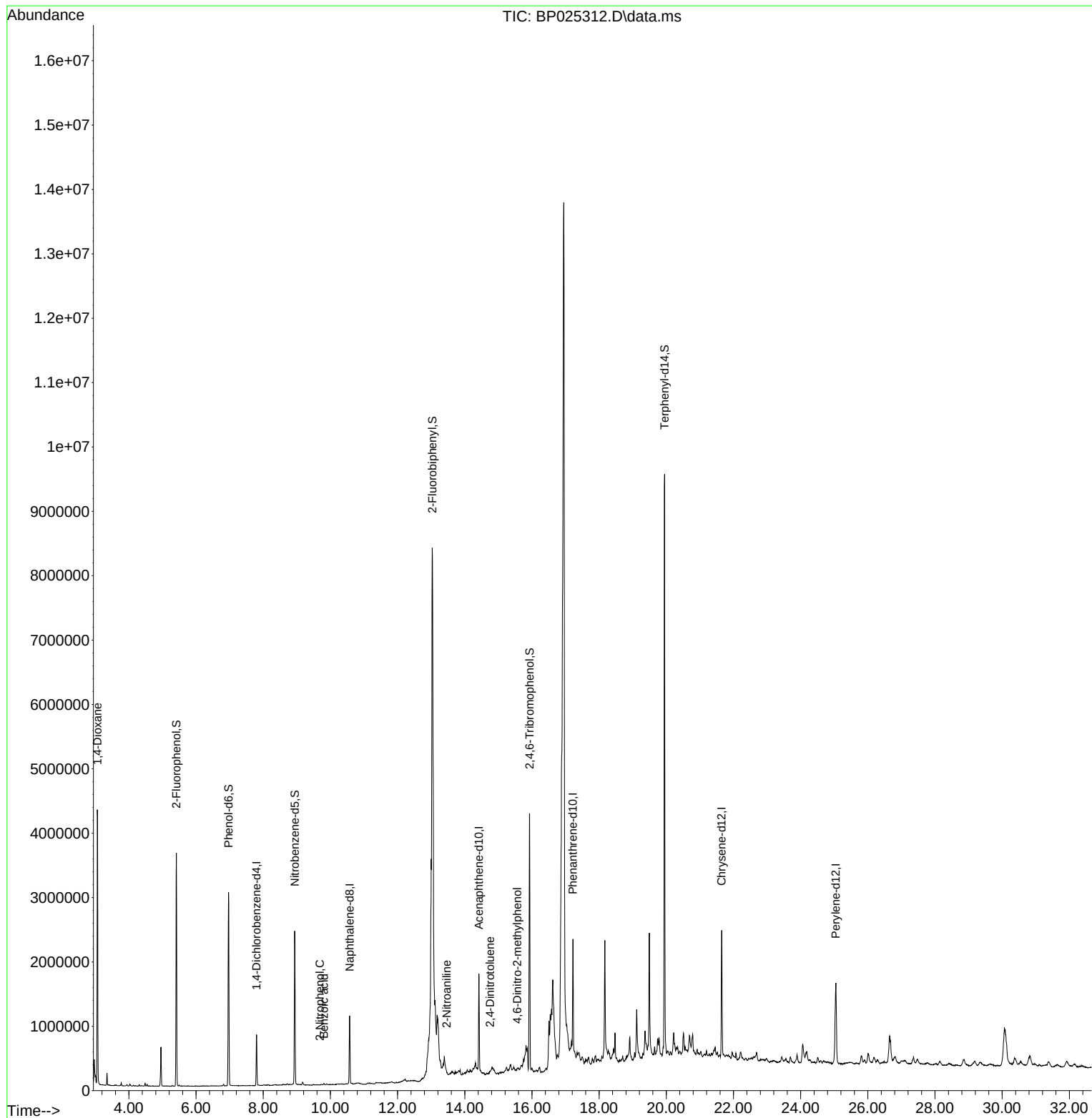
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	212342	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	839386	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	512353	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	988138	20.000	ng	0.00
76) Chrysene-d12	21.648	240	1150288	20.000	ng	-0.01
86) Perylene-d12	25.048	264	1281191	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1522961	115.355	ng	0.00
7) Phenol-d6	6.966	99	1811520	104.258	ng	0.00
23) Nitrobenzene-d5	8.937	82	1271427	83.917	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	771562	150.952	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	2555047	68.879	ng	0.00
79) Terphenyl-d14	19.948	244	4568357	75.013	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.061	88	29749	5.710	ng	# 1
26) 2-Nitrophenol	9.684	139	532	3.717	ng	# 1
32) Benzoic acid	9.807	122	8511	7.180	ng	92
48) 2-Nitroaniline	13.466	65	1071	3.083	ng	# 78
57) 2,4-Dinitrotoluene	14.754	165	762	3.321	ng	# 65
65) 4,6-Dinitro-2-methylph...	15.560	198	65	4.852	ng	# 1

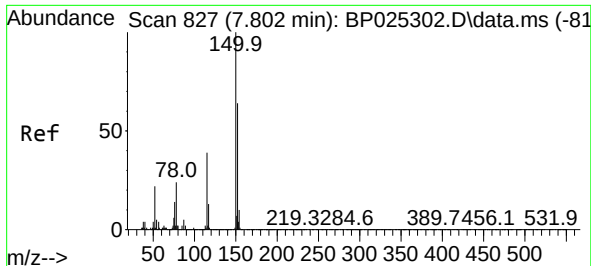
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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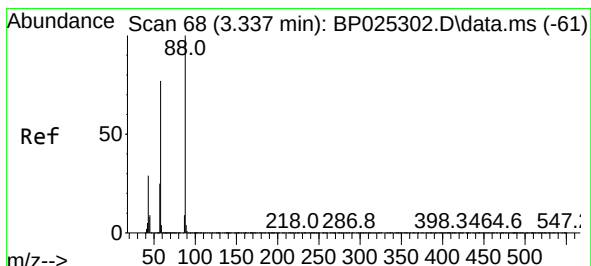
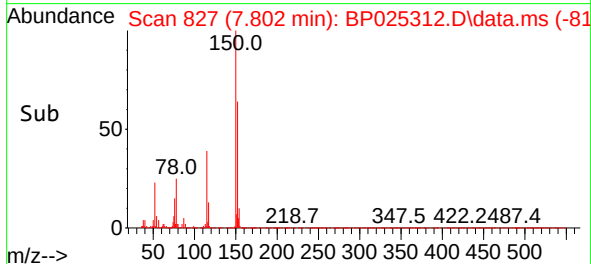
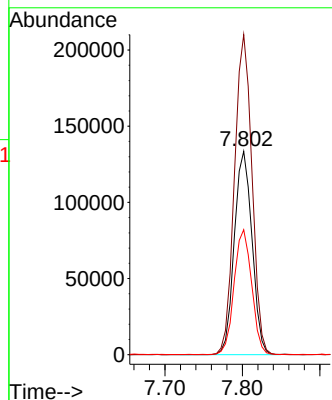
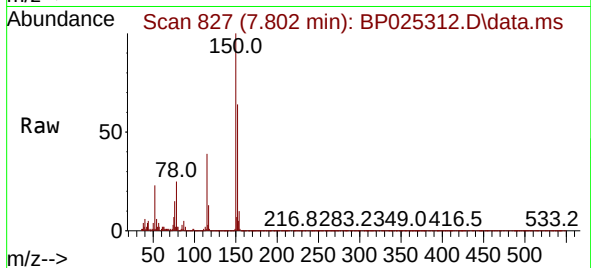




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025312.D
 Acq: 07 Aug 2025 13:47

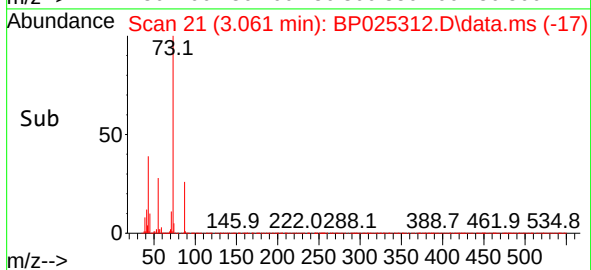
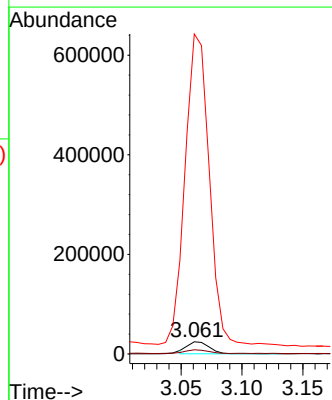
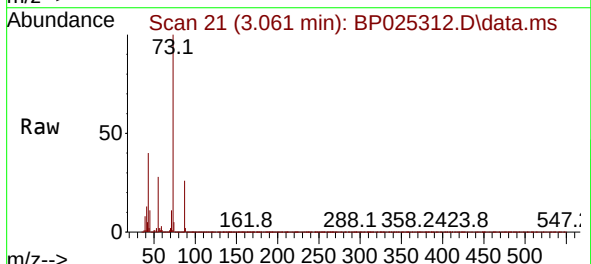
Instrument :
 BNA_P
 ClientSampleId :
 TP-2

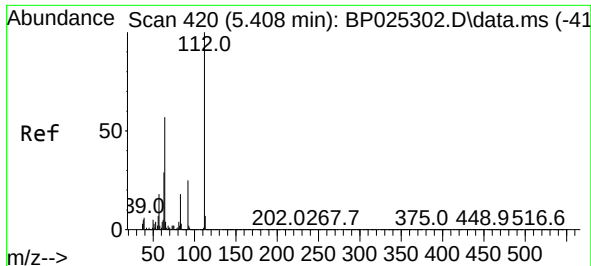
Tgt Ion:152 Resp: 212342
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.1 187.7
 115 61.4 48.4 72.6



#2
 1,4-Dioxane
 Concen: 5.710 ng
 RT: 3.061 min Scan# 21
 Delta R.T. -0.276 min
 Lab File: BP025312.D
 Acq: 07 Aug 2025 13:47

Tgt Ion: 88 Resp: 29749
 Ion Ratio Lower Upper
 88 100
 58 29.5 61.9 92.9#
 43 2698.5 24.2 36.2#

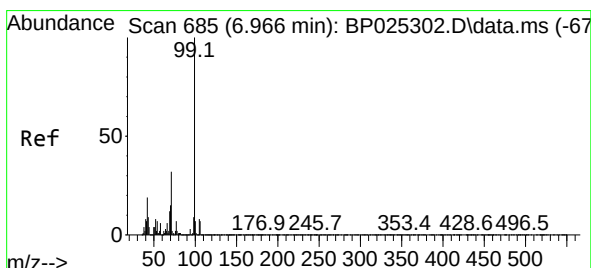
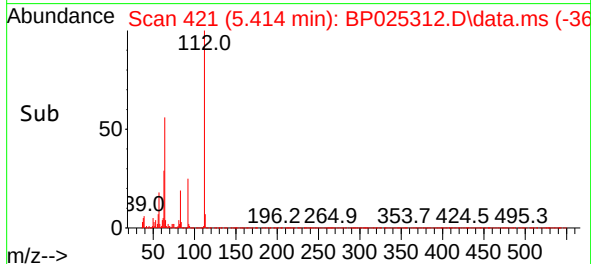
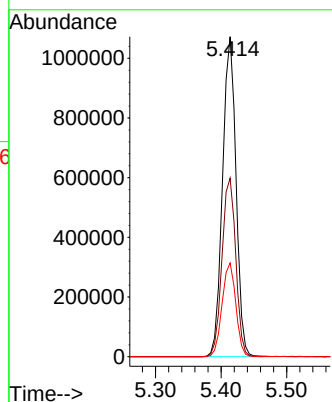
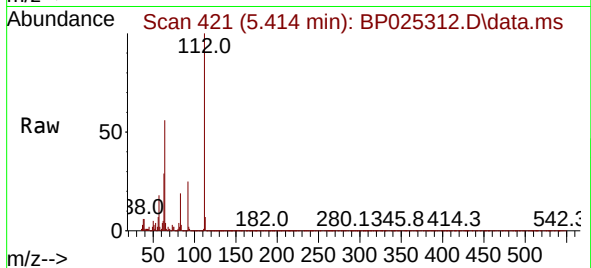




#5
2-Fluorophenol
Concen: 115.355 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

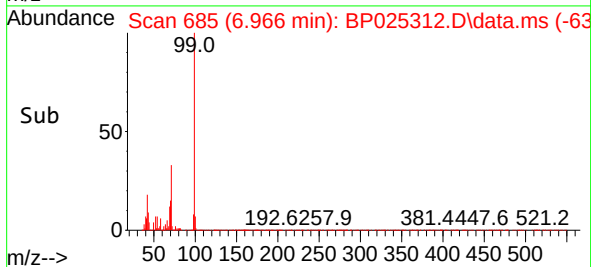
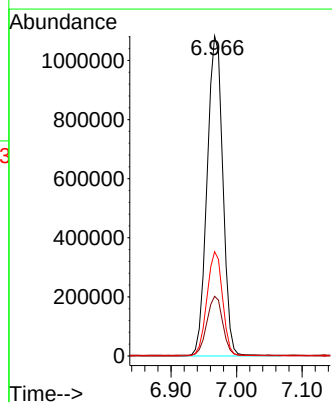
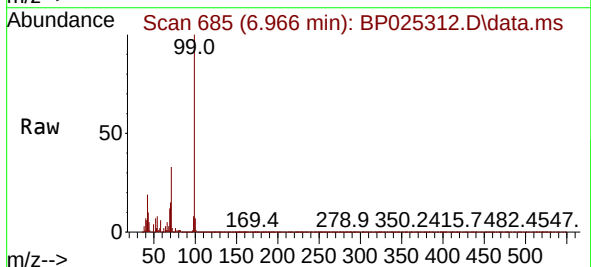
Instrument :
BNA_P
ClientSampleId :
TP-2

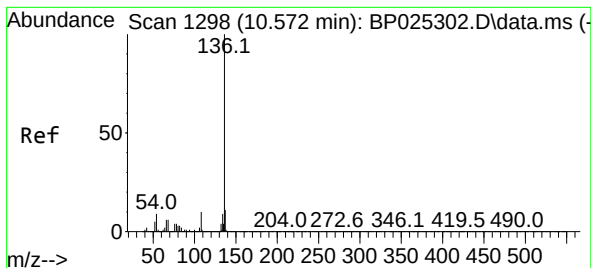
Tgt Ion:112 Resp: 1522961
Ion Ratio Lower Upper
112 100
64 55.8 45.3 67.9
63 29.3 23.0 34.6



#7
Phenol-d6
Concen: 104.258 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

Tgt Ion: 99 Resp: 1811520
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 32.6 25.5 38.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.572 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BP025312.D

Acq: 07 Aug 2025 13:47

Instrument :

BNA_P

ClientSampleId :

TP-2

Tgt Ion:136 Resp: 839386

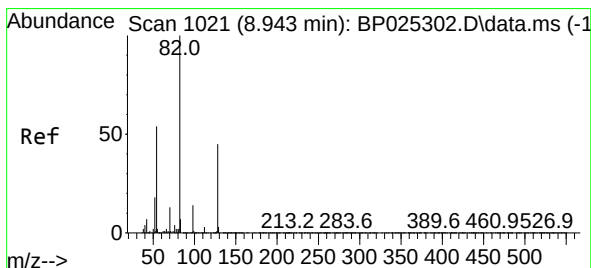
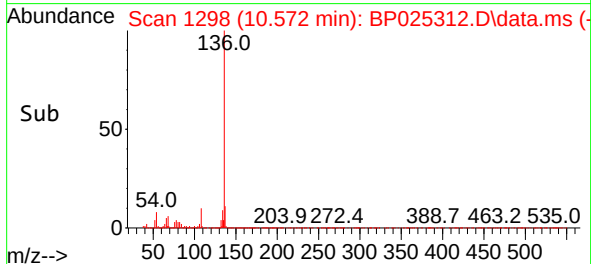
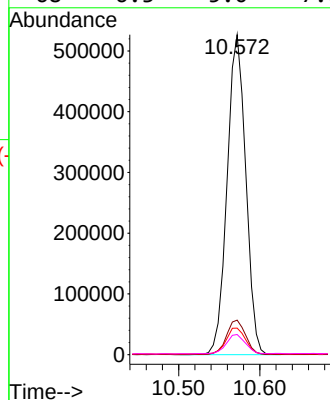
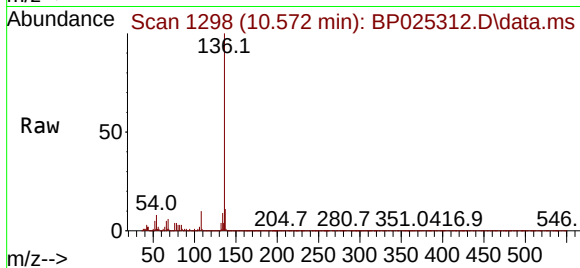
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.3 7.0 10.6

68 6.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 83.917 ng

RT: 8.937 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP025312.D

Acq: 07 Aug 2025 13:47

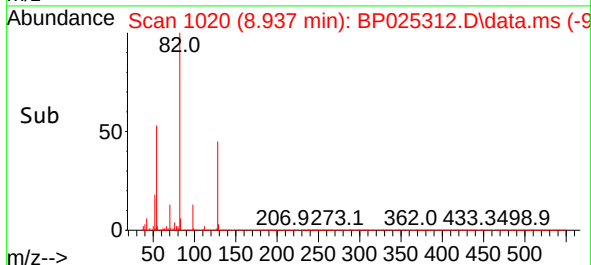
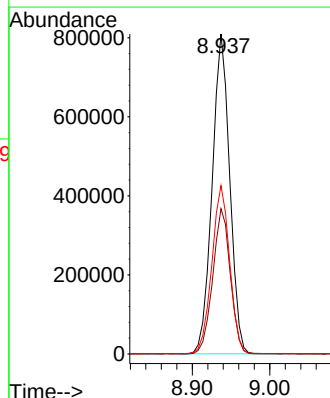
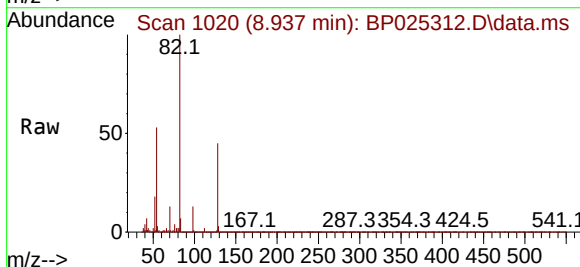
Tgt Ion: 82 Resp: 1271427

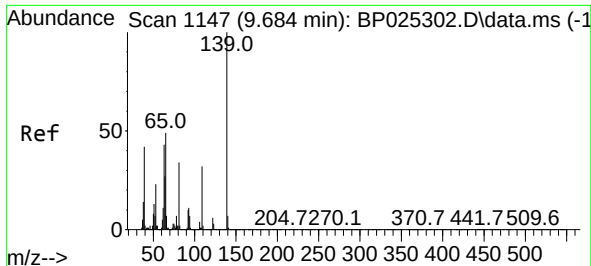
Ion Ratio Lower Upper

82 100

128 45.4 35.4 53.2

54 52.6 42.9 64.3

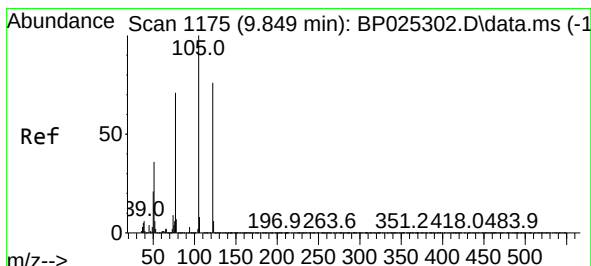
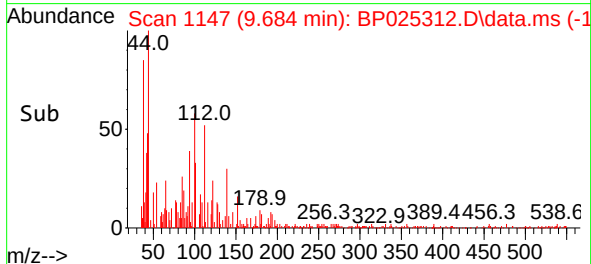
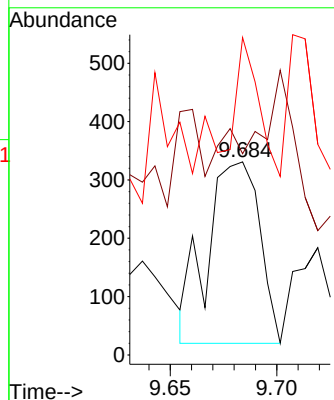
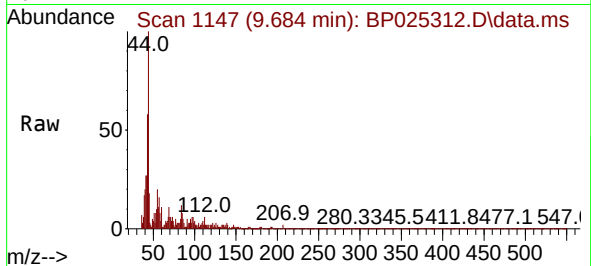




#26
2-Nitrophenol
Concen: 3.717 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

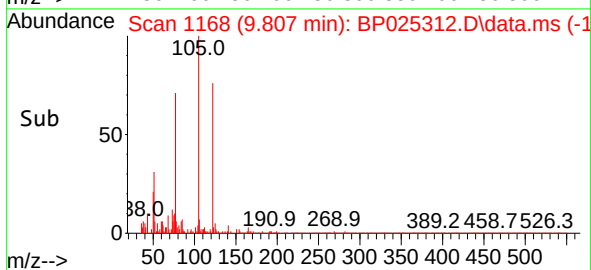
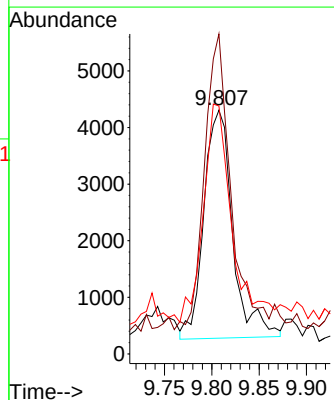
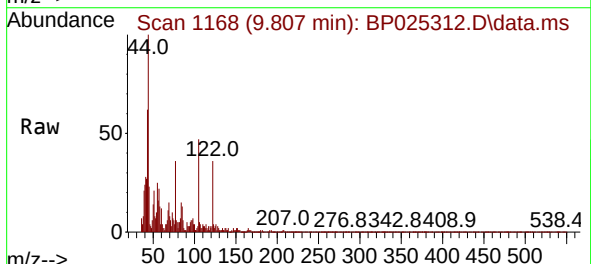
Instrument :
BNA_P
ClientSampleId :
TP-2

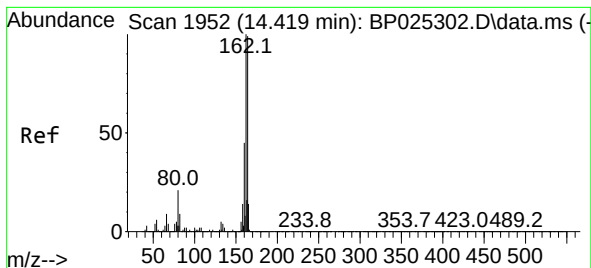
Tgt Ion:139 Resp: 532
Ion Ratio Lower Upper
139 100
109 104.2 25.2 37.8#
65 164.4 39.6 59.4#



#32
Benzoic acid
Concen: 7.180 ng
RT: 9.807 min Scan# 1168
Delta R.T. -0.042 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

Tgt Ion:122 Resp: 8511
Ion Ratio Lower Upper
122 100
105 131.3 104.0 144.0
77 101.8 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: BP025312.D

Acq: 07 Aug 2025 13:47

Instrument :

BNA_P

ClientSampleId :

TP-2

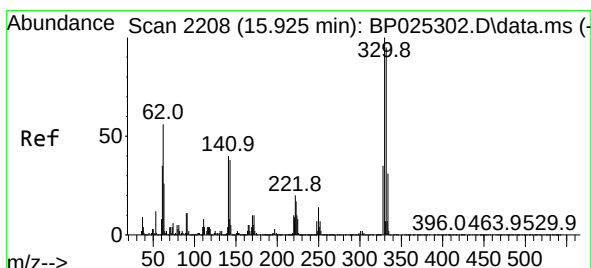
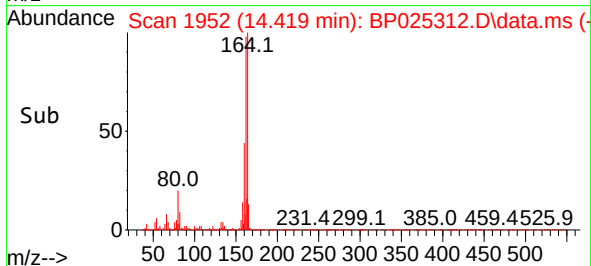
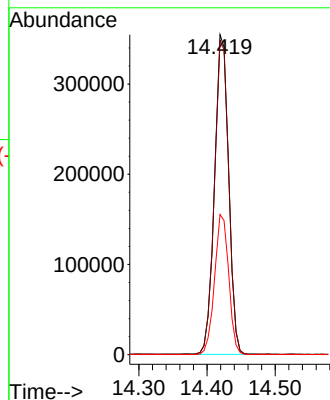
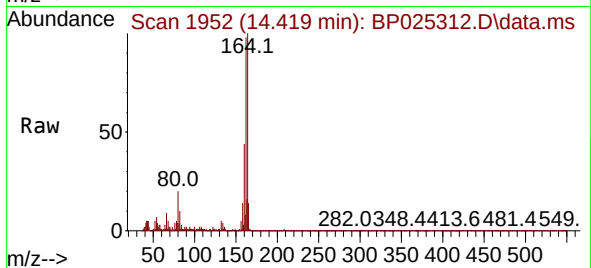
Tgt Ion:164 Resp: 512353

Ion Ratio Lower Upper

164 100

162 98.2 80.6 120.8

160 43.8 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 150.952 ng

RT: 15.931 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BP025312.D

Acq: 07 Aug 2025 13:47

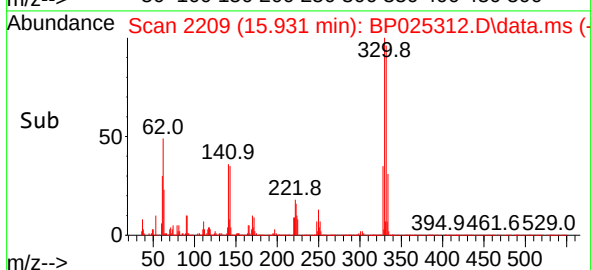
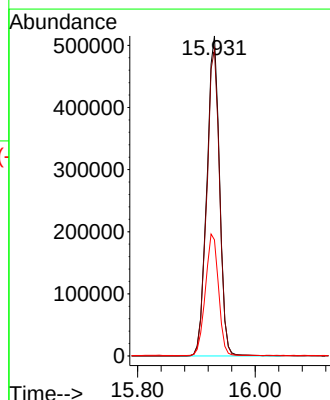
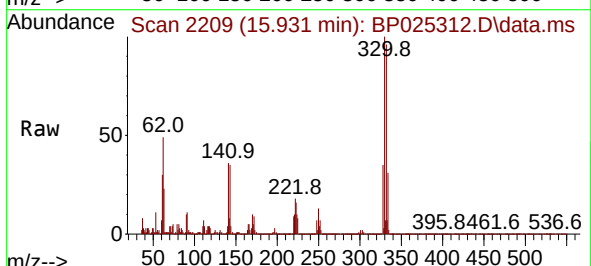
Tgt Ion:330 Resp: 771562

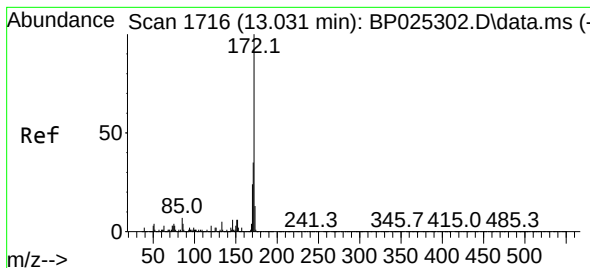
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 39.0 31.7 47.5

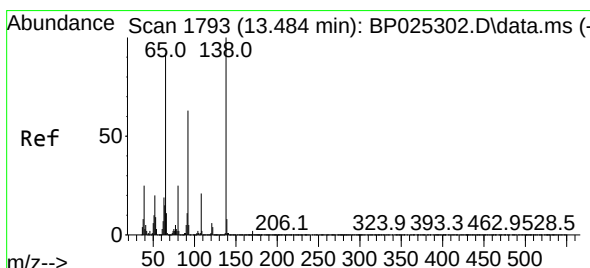
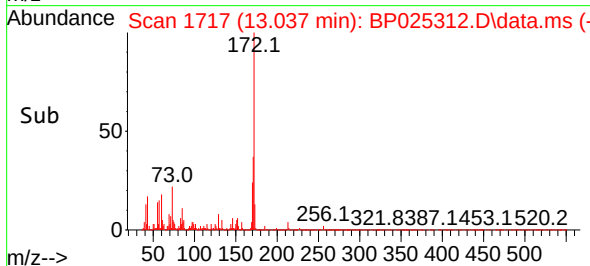
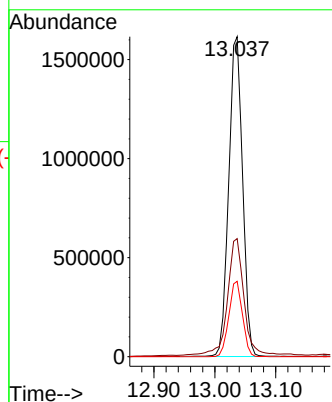
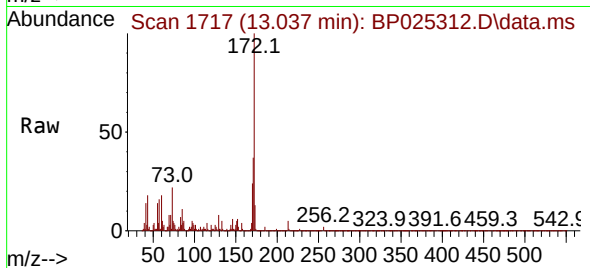




#45
2-Fluorobiphenyl
Concen: 68.879 ng
RT: 13.037 min Scan# 1716
Delta R.T. 0.006 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

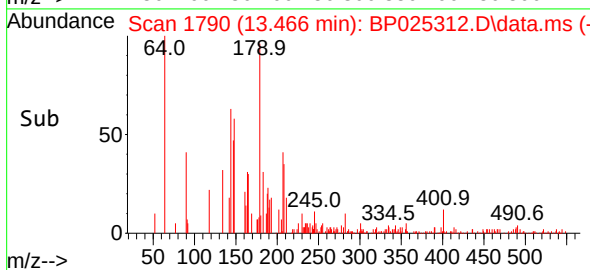
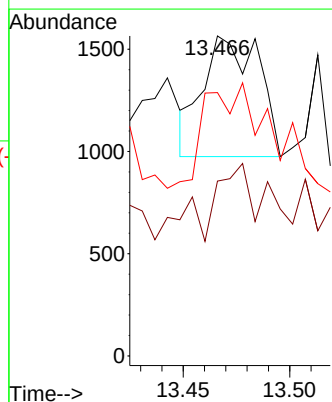
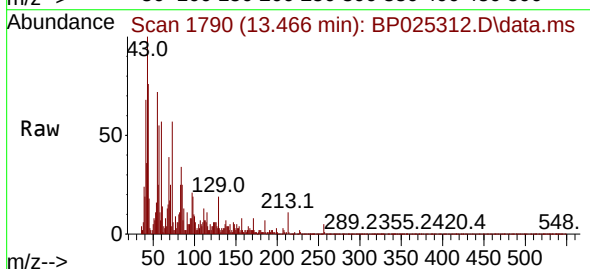
Instrument :
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TP-2

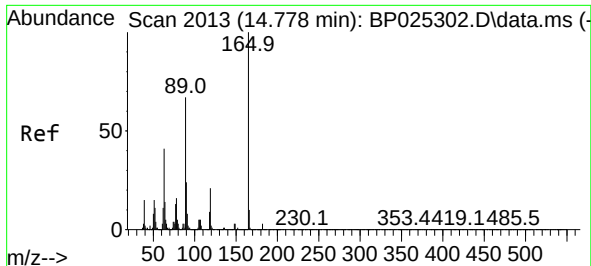
Tgt Ion:172 Resp: 2555047
Ion Ratio Lower Upper
172 100
171 36.9 27.9 41.9
170 23.6 18.9 28.3



#48
2-Nitroaniline
Concen: 3.083 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.018 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

Tgt Ion: 65 Resp: 1071
Ion Ratio Lower Upper
65 100
92 54.6 54.4 81.6
138 82.3 87.0 130.4#

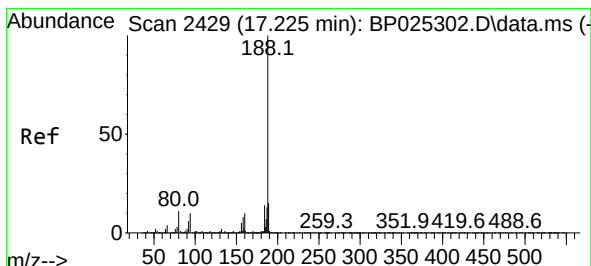
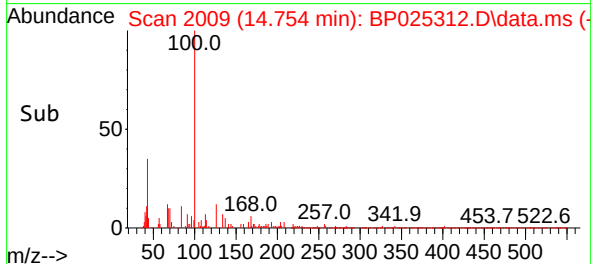
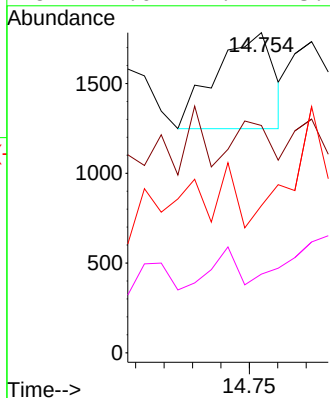
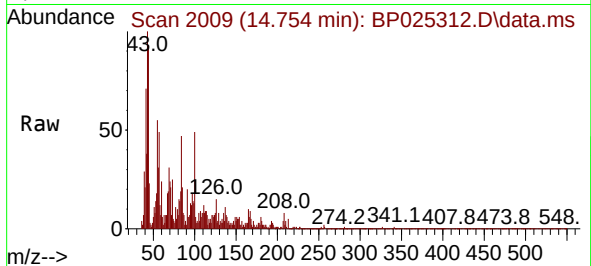




#57
2,4-Dinitrotoluene
Concen: 3.321 ng
RT: 14.754 min Scan# 2013
Delta R.T. -0.024 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

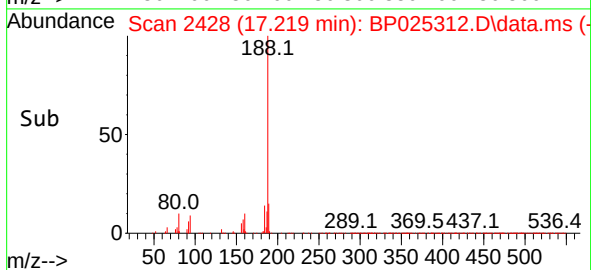
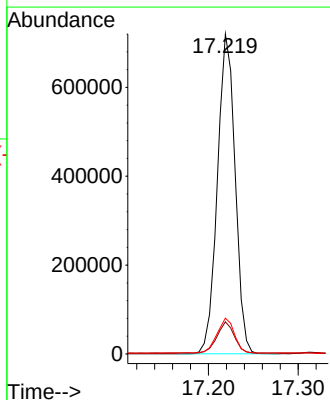
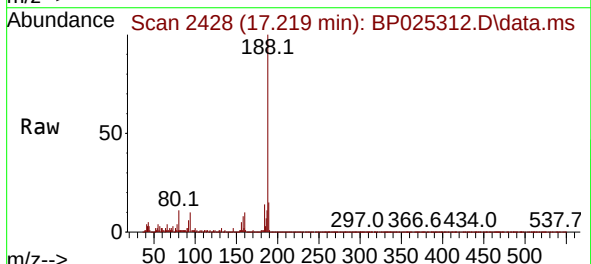
Instrument :
BNA_P
ClientSampleId :
TP-2

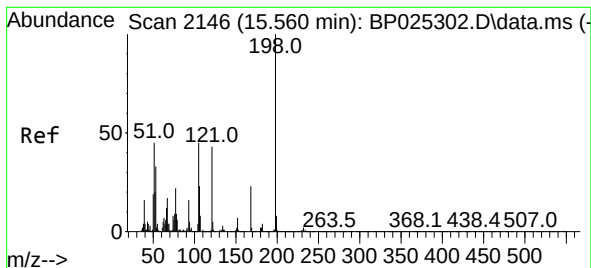
Tgt Ion:165	Resp:	762
Ion	Ratio	Lower Upper
165	100	
63	71.0	33.2 49.8#
89	46.0	53.5 80.3#
182	24.6	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

Tgt Ion:188	Resp:	988138
Ion	Ratio	Lower Upper
188	100	
94	10.1	8.0 12.0
80	11.2	8.5 12.7

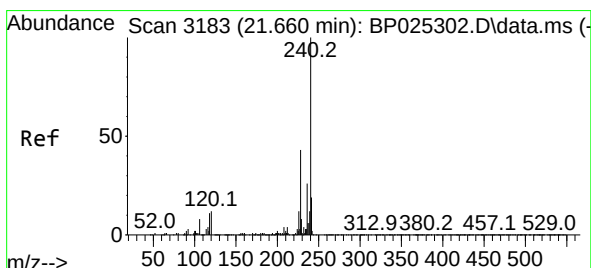
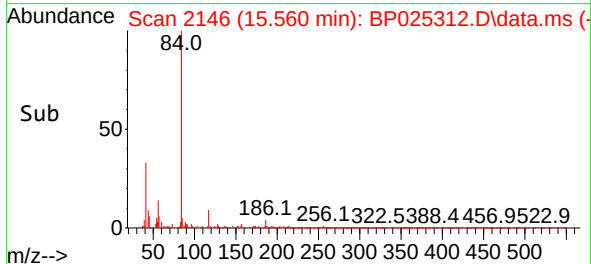
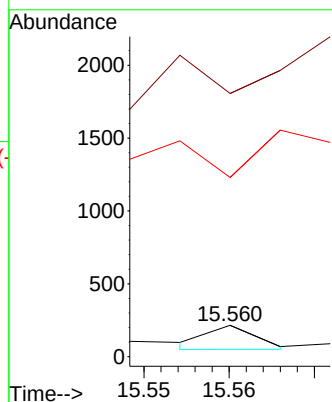
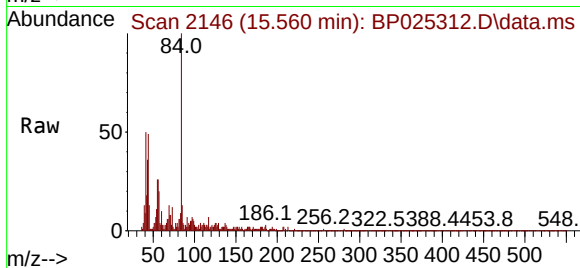




#65
4,6-Dinitro-2-methylphenol
Concen: 4.852 ng
RT: 15.560 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

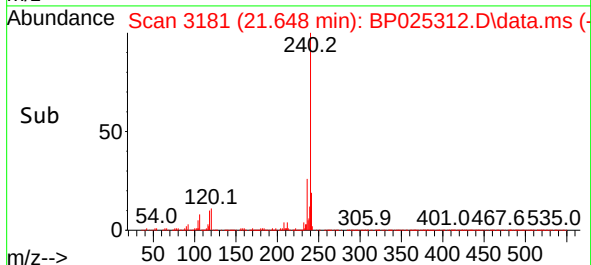
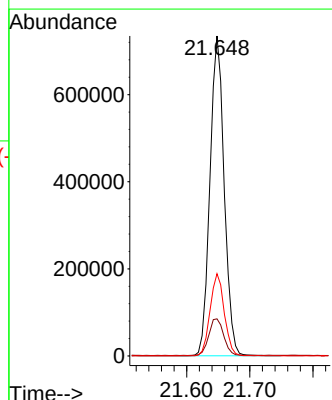
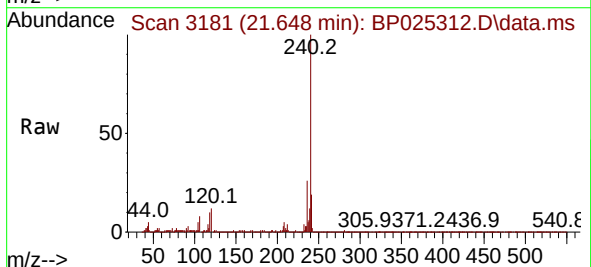
Instrument :
BNA_P
ClientSampleId :
TP-2

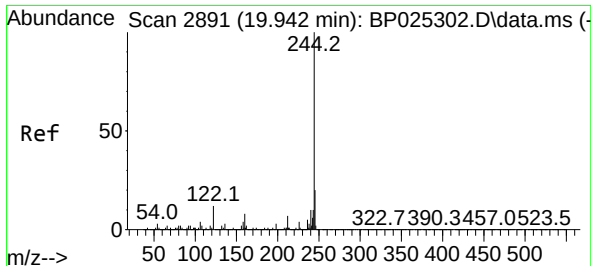
Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
51 840.0 26.7 66.7#
105 572.1 25.6 65.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. -0.012 min
Lab File: BP025312.D
Acq: 07 Aug 2025 13:47

Tgt Ion:240 Resp: 1150288
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 25.7 20.4 30.6

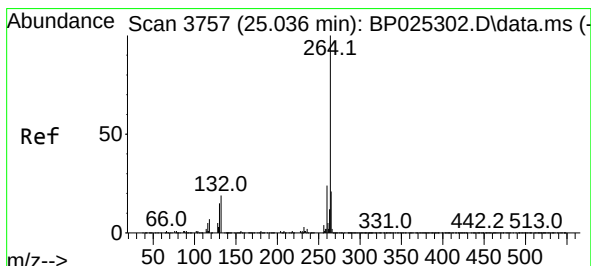
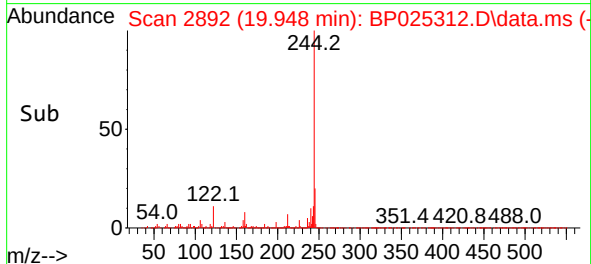
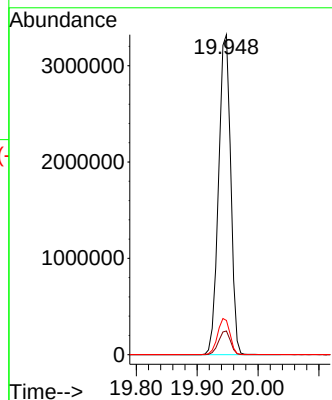
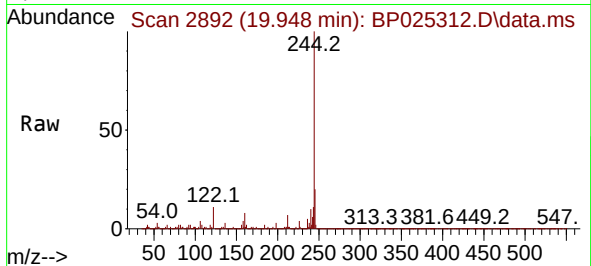




#79
 Terphenyl-d14
 Concen: 75.013 ng
 RT: 19.948 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025312.D
 Acq: 07 Aug 2025 13:47

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 4568357
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.7 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.048 min Scan# 3759
 Delta R.T. 0.012 min
 Lab File: BP025312.D
 Acq: 07 Aug 2025 13:47

Tgt Ion:264 Resp: 1281191
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 17.1 25.7

