

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024138.D
 Acq On : 28 Feb 2025 16:59
 Operator : RC/JU
 Sample : Q1420-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-WC

Quant Time: Feb 28 17:43:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

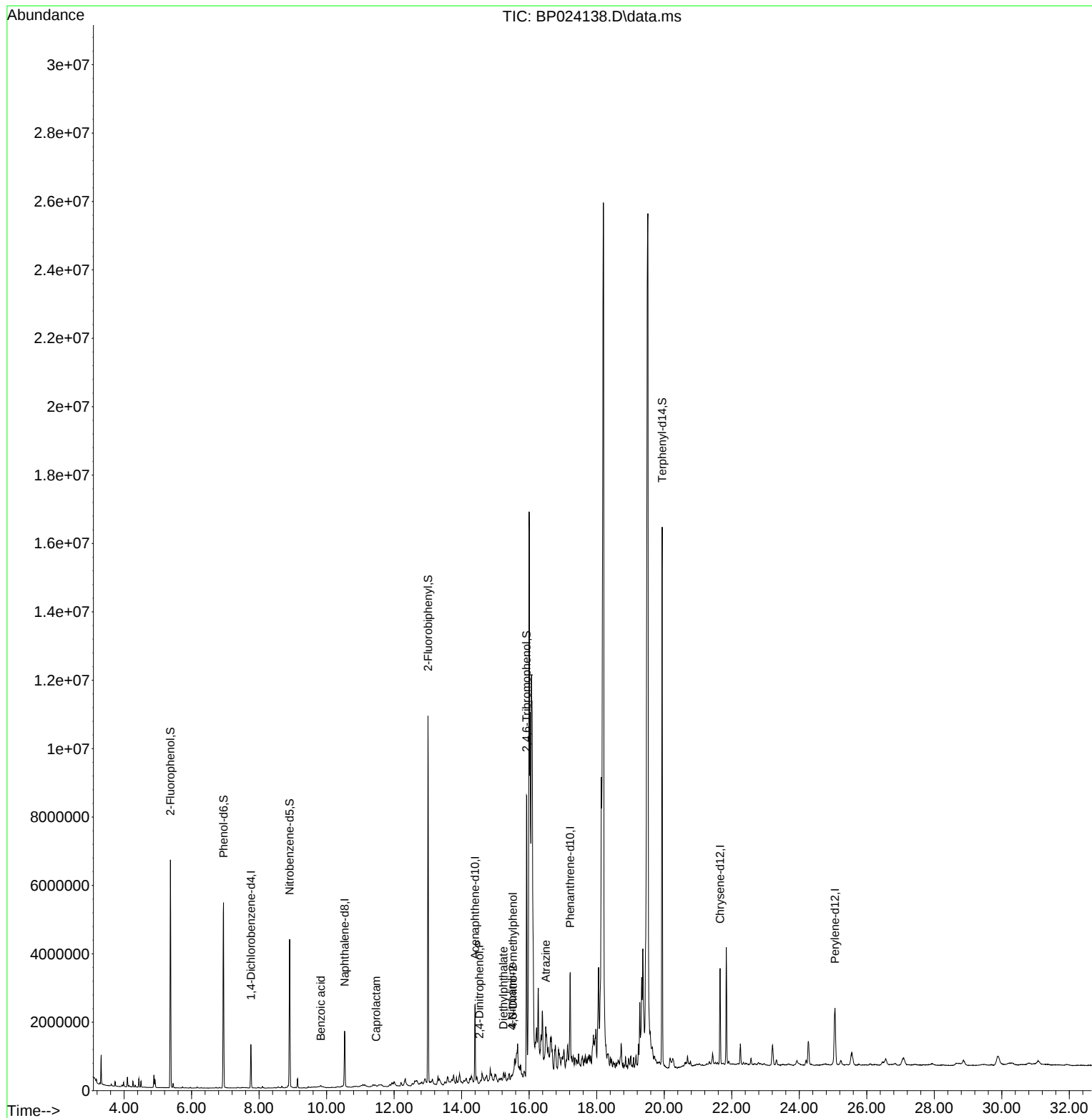
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	349957	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1325459	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	771953	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1467381	20.000	ng	0.03
76) Chrysene-d12	21.657	240	1636023	20.000	ng	0.01
86) Perylene-d12	25.057	264	1912575	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2985707	133.124	ng	0.00
7) Phenol-d6	6.946	99	3370939	116.941	ng	0.00
23) Nitrobenzene-d5	8.905	82	2434425	102.466	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	1605951	169.842	ng	0.02
45) 2-Fluorobiphenyl	13.004	172	5041285	91.297	ng	0.00
79) Terphenyl-d14	19.939	244	7874206	95.237	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.828	122	8380	7.965	ng	# 73
35) Caprolactam	11.469	113	435	5.633	ng	# 1
54) 2,4-Dinitrophenol	14.522	184	255	7.811	ng	# 1
60) Diethylphthalate	15.234	149	140692	2.603	ng	99
62) 4-Nitroaniline	15.492	138	496	3.321	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.522	198	715	6.075	ng	# 1
69) Atrazine	16.492	200	125127	10.655	ng	# 38

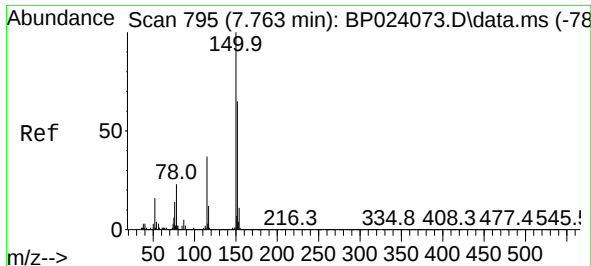
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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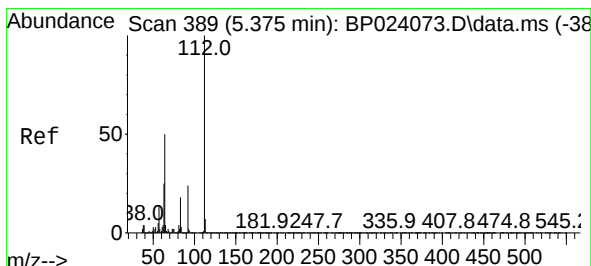
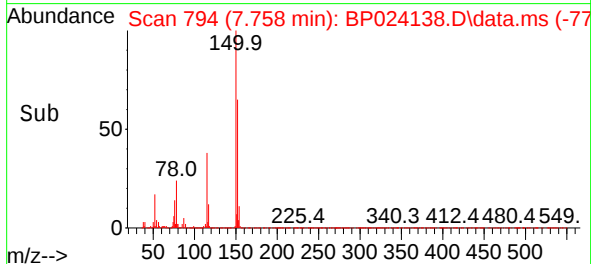
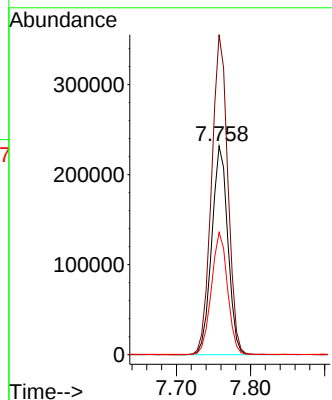
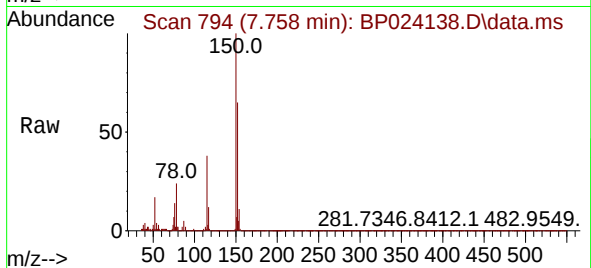




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

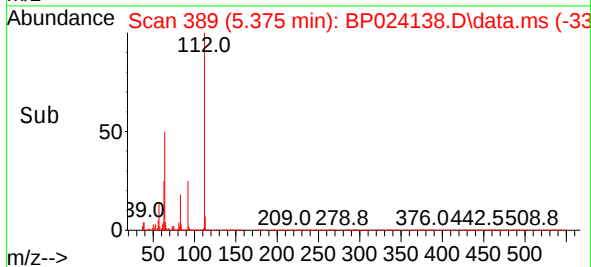
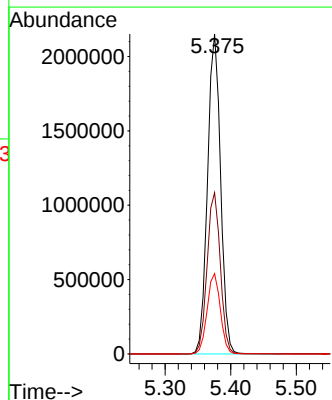
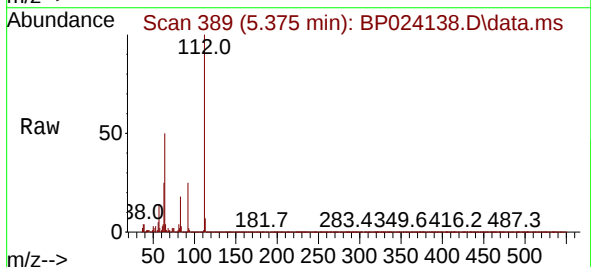
Instrument :
BNA_P
ClientSampleId :
TP-1-WC

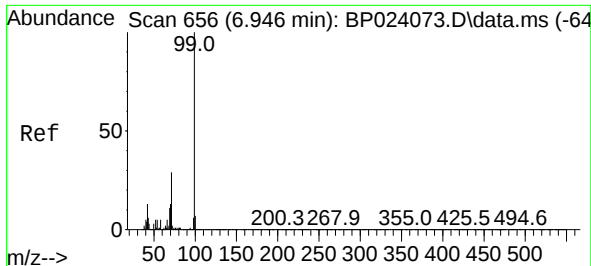
Tgt Ion:152 Resp: 349957
Ion Ratio Lower Upper
152 100
150 153.4 122.4 183.6
115 58.6 45.0 67.6



#5
2-Fluorophenol
Concen: 133.124 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.000 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:112 Resp: 2985707
Ion Ratio Lower Upper
112 100
64 50.4 39.6 59.4
63 25.1 20.3 30.5

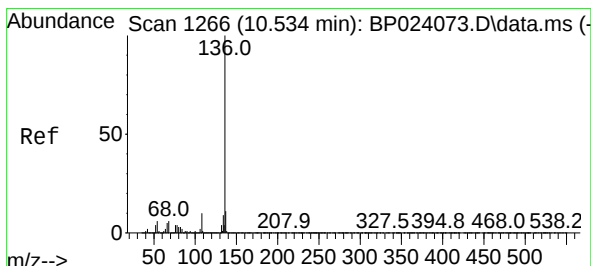
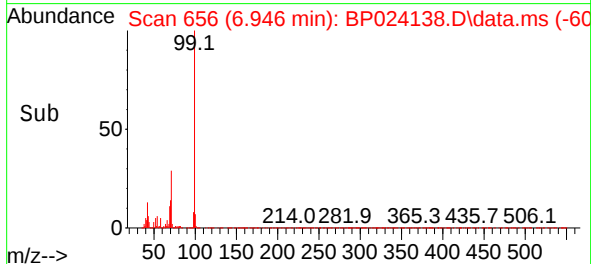
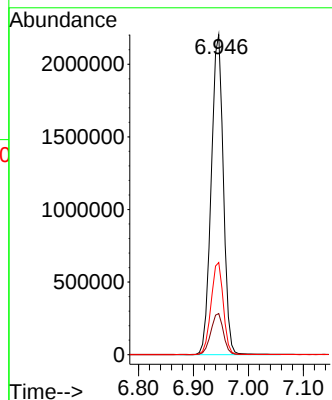
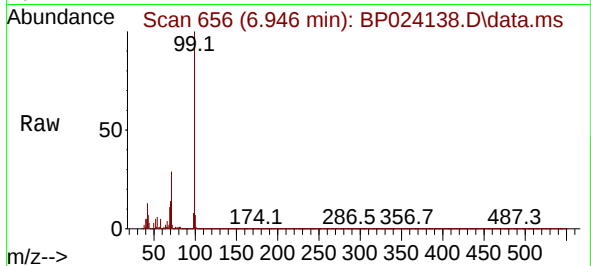




#7
Phenol-d6
Concen: 116.941 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.000 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

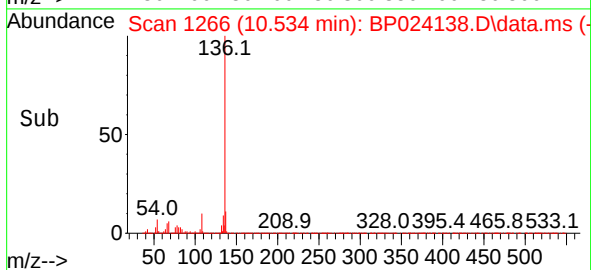
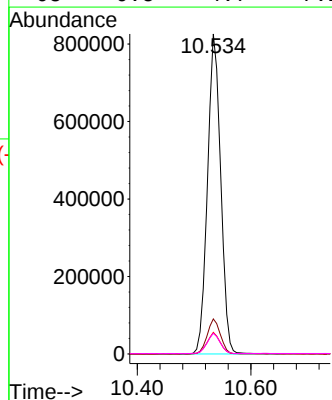
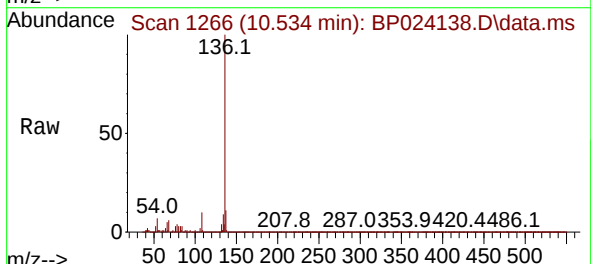
Instrument :
BNA_P
ClientSampleId :
TP-1-WC

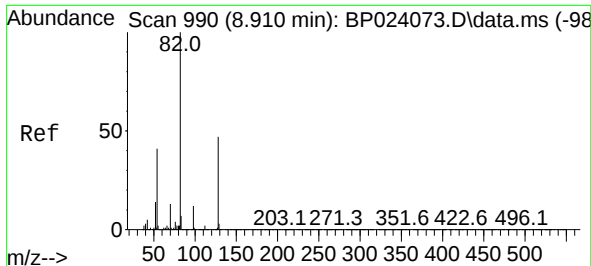
Tgt Ion: 99 Resp: 3370939
Ion Ratio Lower Upper
99 100
42 12.9 10.3 15.5
71 28.8 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:136 Resp: 1325459
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.8 4.9 7.3
68 6.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 102.466 ng

RT: 8.905 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

Instrument :

BNA_P

ClientSampleId :

TP-1-WC

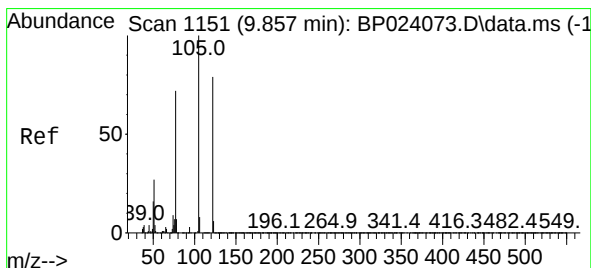
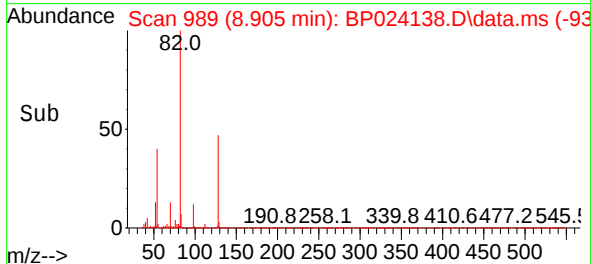
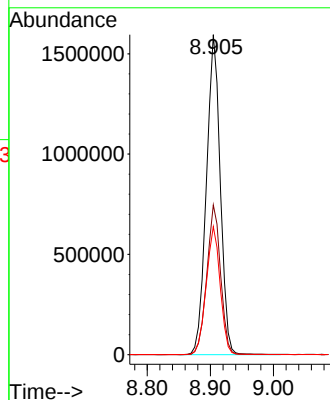
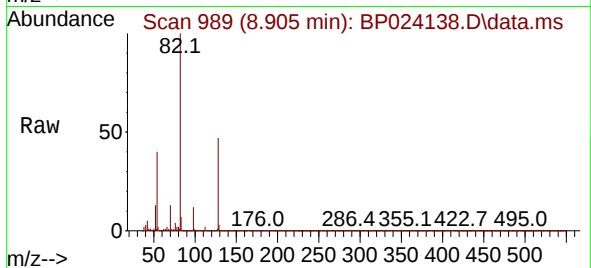
Tgt Ion: 82 Resp: 2434425

Ion Ratio Lower Upper

82 100

128 46.8 37.4 56.2

54 40.0 32.4 48.6



#32

Benzoic acid

Concen: 7.965 ng

RT: 9.828 min Scan# 1146

Delta R.T. -0.029 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

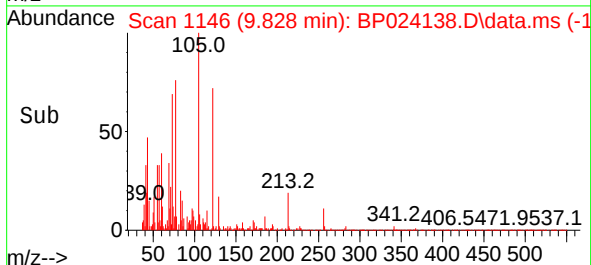
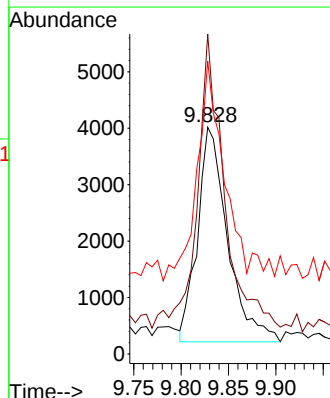
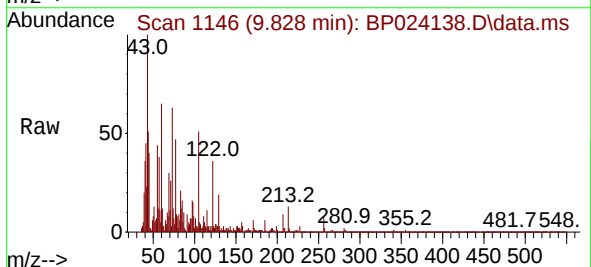
Tgt Ion:122 Resp: 8380

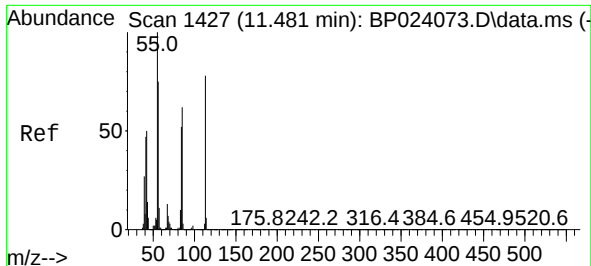
Ion Ratio Lower Upper

122 100

105 141.2 103.7 143.7

77 129.2 69.9 109.9#





#35

Caprolactam

Concen: 5.633 ng

RT: 11.469 min Scan# 1427

Delta R.T. -0.012 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

Instrument :

BNA_P

ClientSampleId :

TP-1-WC

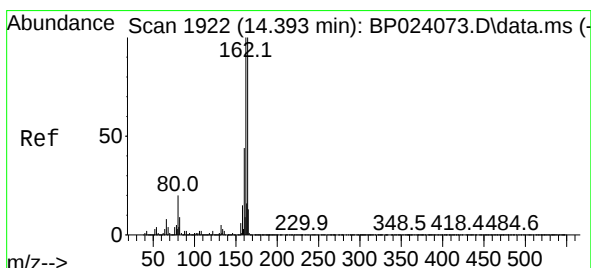
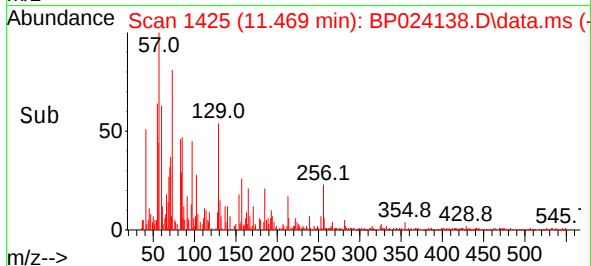
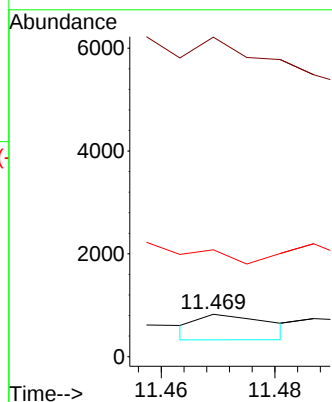
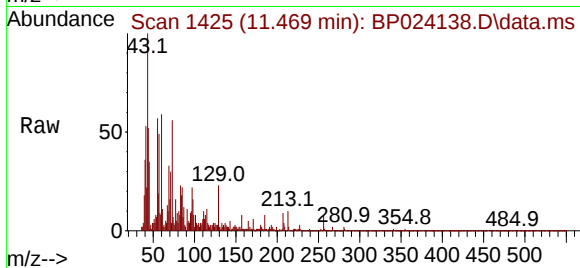
Tgt Ion:113 Resp: 435

Ion Ratio Lower Upper

113 100

55 754.4 108.8 148.8#

56 252.2 76.5 116.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

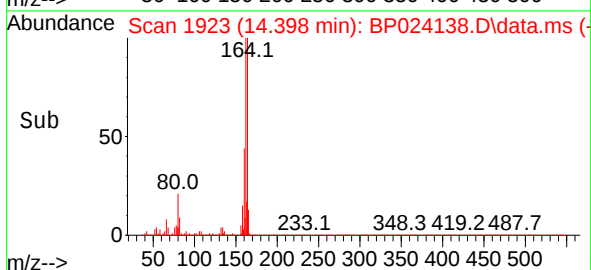
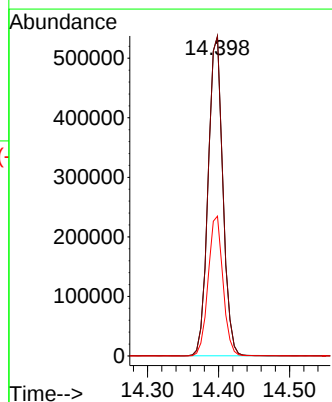
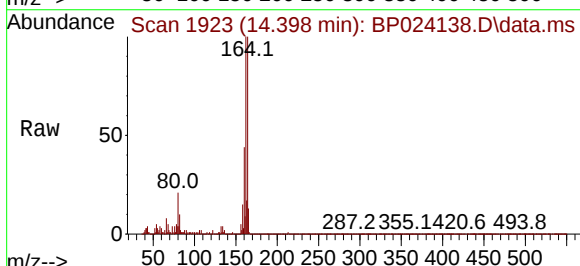
Tgt Ion:164 Resp: 771953

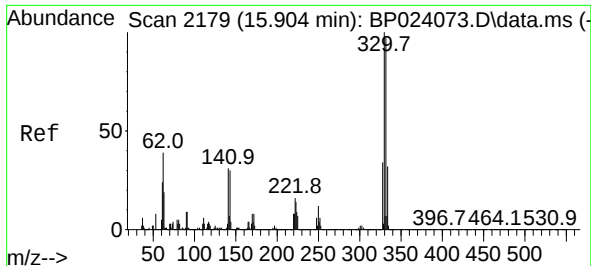
Ion Ratio Lower Upper

164 100

162 100.2 80.1 120.1

160 43.8 35.6 53.4

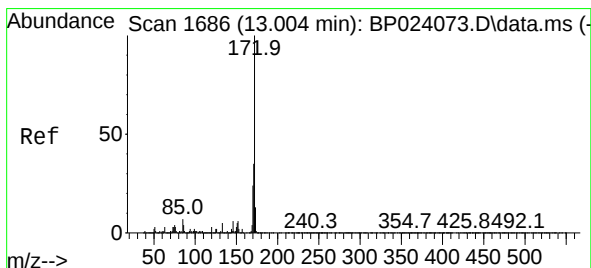
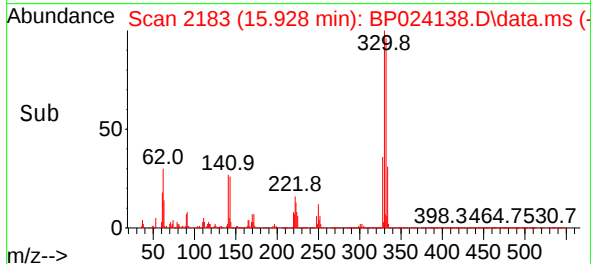
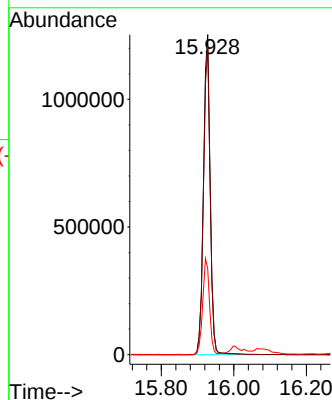
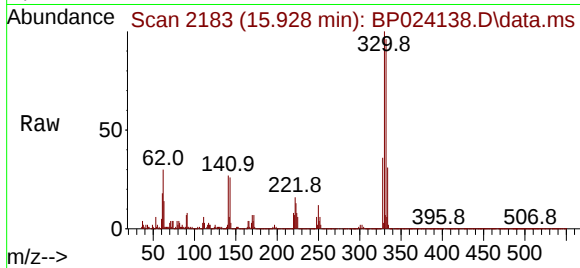




#42
2,4,6-Tribromophenol
Concen: 169.842 ng
RT: 15.928 min Scan# 2179
Delta R.T. 0.024 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

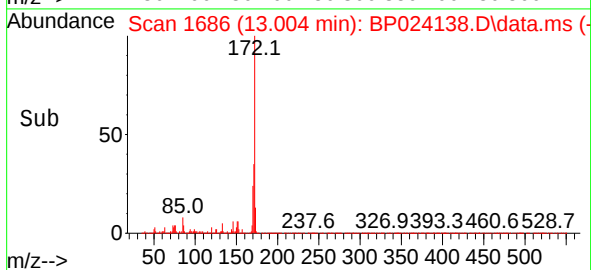
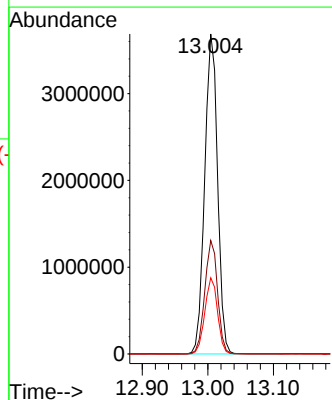
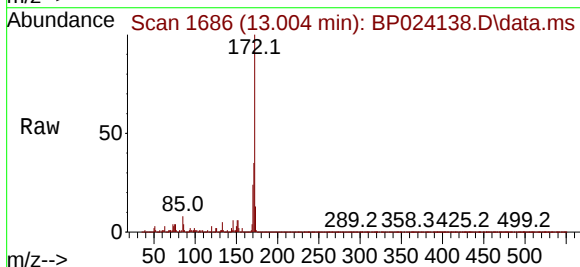
Instrument :
BNA_P
ClientSampleId :
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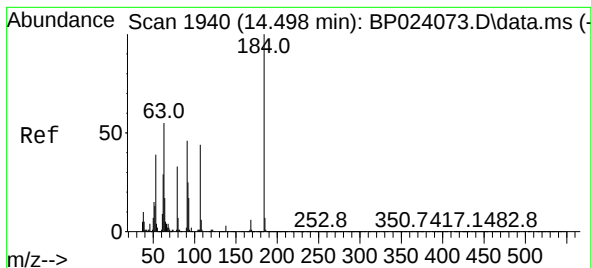
Tgt Ion:330 Resp: 1605951
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 30.3 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 91.297 ng
RT: 13.004 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:172 Resp: 5041285
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.8 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 7.811 ng

RT: 14.522 min Scan# 1944

Delta R.T. 0.024 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

Instrument :

BNA_P

ClientSampleId :

TP-1-WC

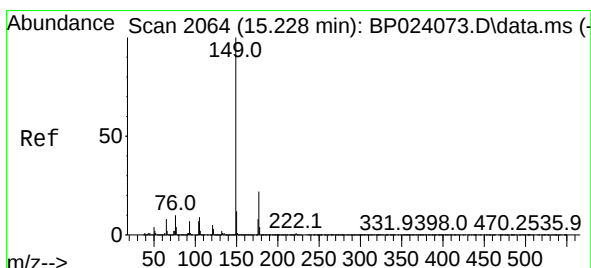
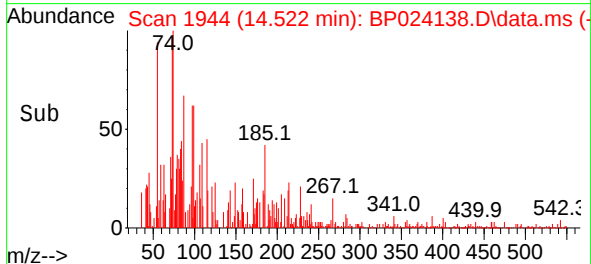
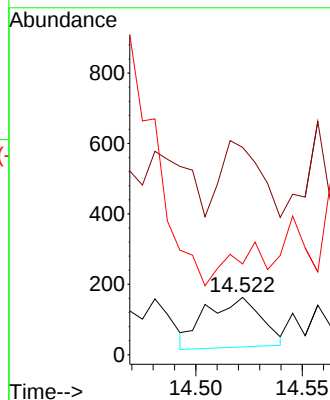
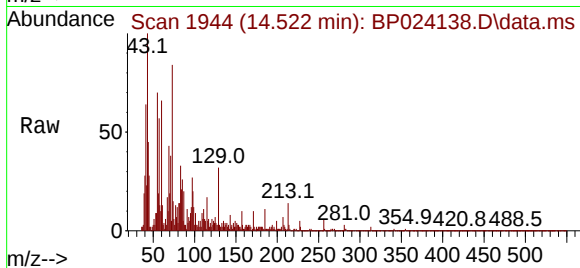
Tgt Ion:184 Resp: 255

Ion Ratio Lower Upper

184 100

63 361.3 49.4 74.0#

154 158.3 49.2 73.8#



#60

Diethylphthalate

Concen: 2.603 ng

RT: 15.234 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

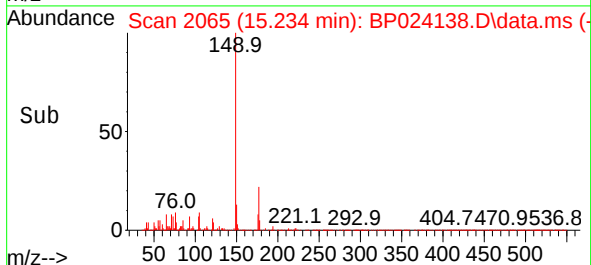
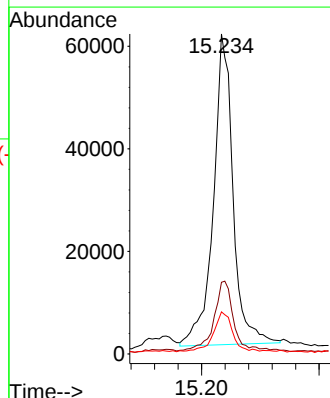
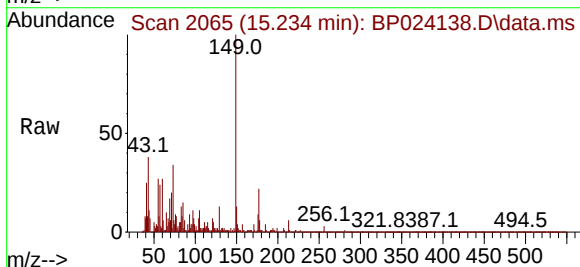
Tgt Ion:149 Resp: 140692

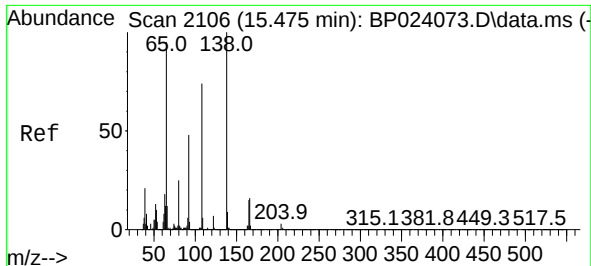
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 13.2 9.8 14.6





#62

4-Nitroaniline

Concen: 3.321 ng

RT: 15.492 min Scan# 2109

Delta R.T. 0.017 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

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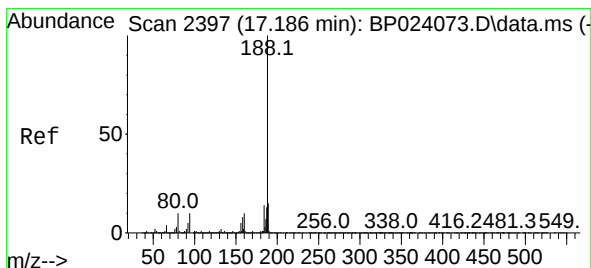
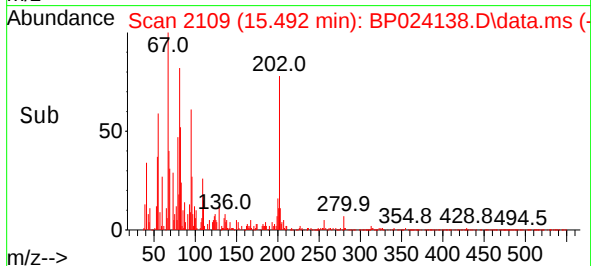
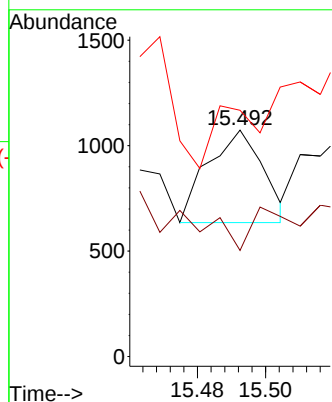
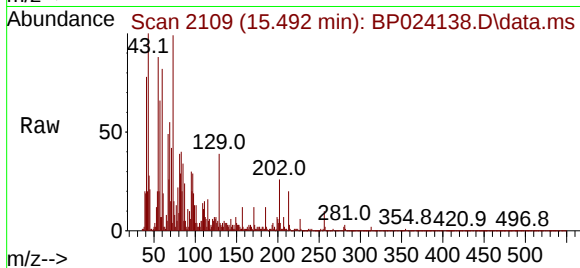
Tgt Ion:138 Resp: 496

Ion Ratio Lower Upper

138 100

92 46.8 28.3 68.3

108 108.8 54.0 94.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2402

Delta R.T. 0.029 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

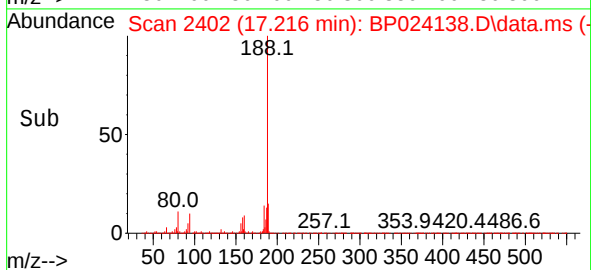
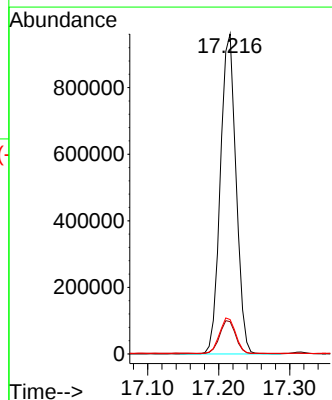
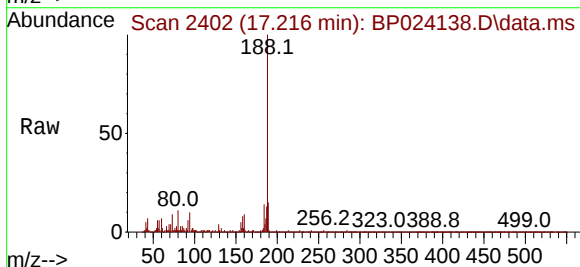
Tgt Ion:188 Resp: 1467381

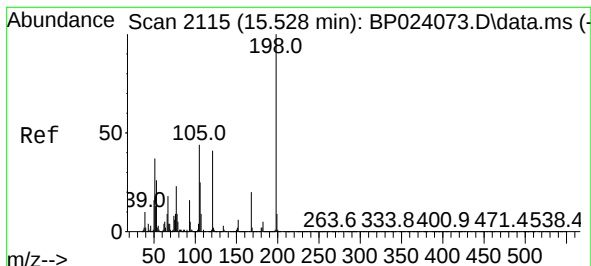
Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.8 8.2 12.2

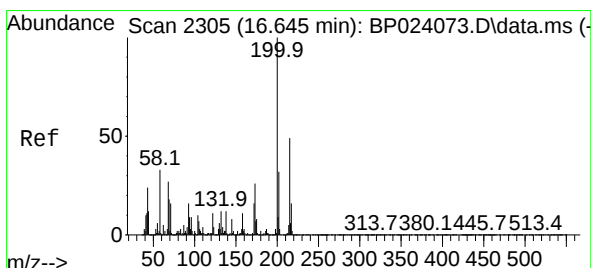
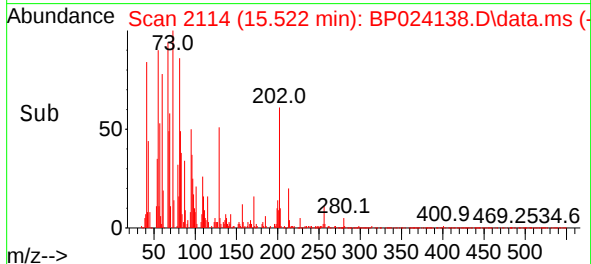
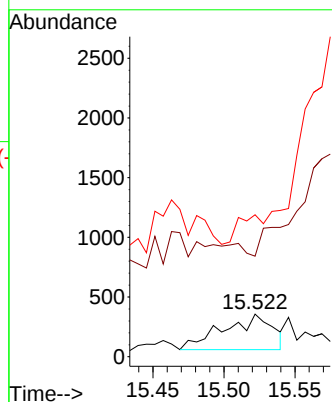
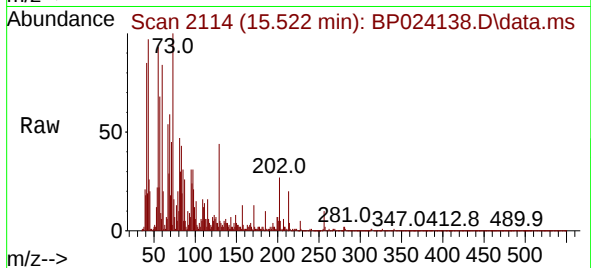




#65
4,6-Dinitro-2-methylphenol
Concen: 6.075 ng
RT: 15.522 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

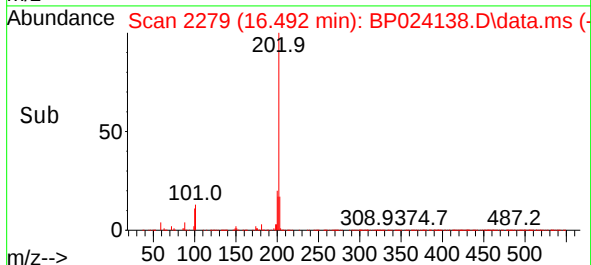
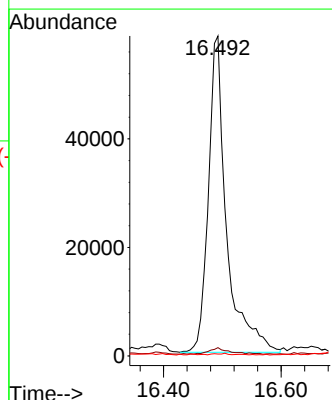
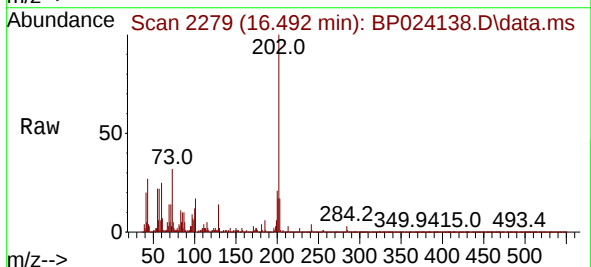
Instrument :
BNA_P
ClientSampleId :
TP-1-WC

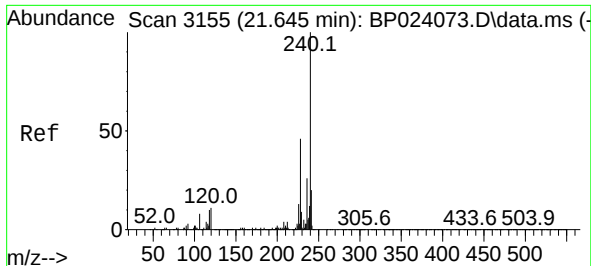
Tgt Ion:198 Resp: 715
Ion Ratio Lower Upper
198 100
51 235.9 18.7 58.7#
105 333.1 24.7 64.7#



#69
Atrazine
Concen: 10.655 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.153 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:200 Resp: 125127
Ion Ratio Lower Upper
200 100
173 2.6 5.7 45.7#
215 0.6 28.7 68.7#

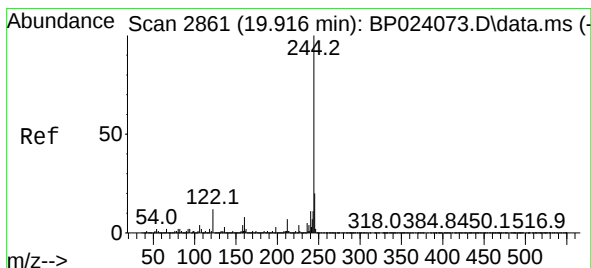
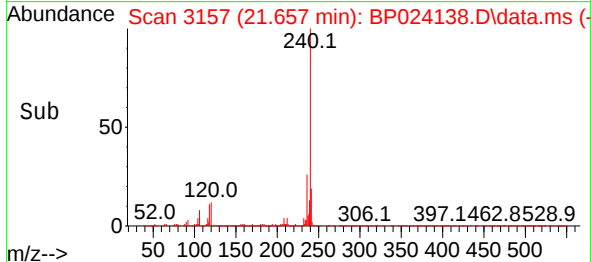
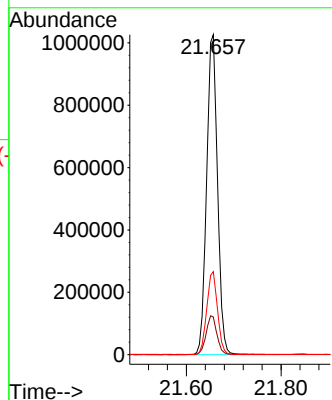
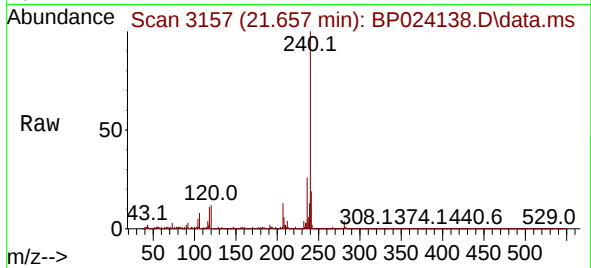




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

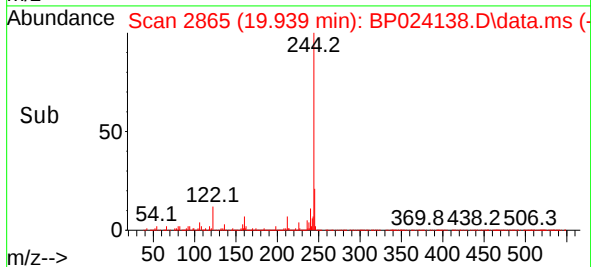
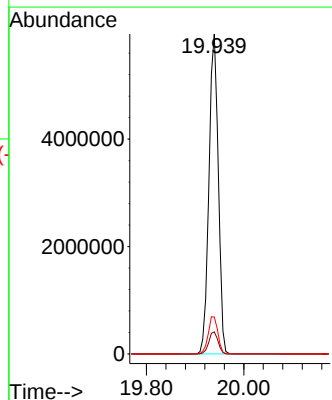
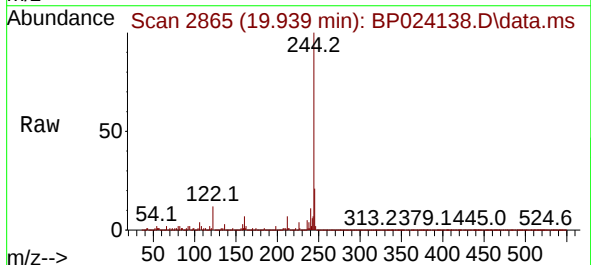
Instrument :
BNA_P
ClientSampleId :
TP-1-WC

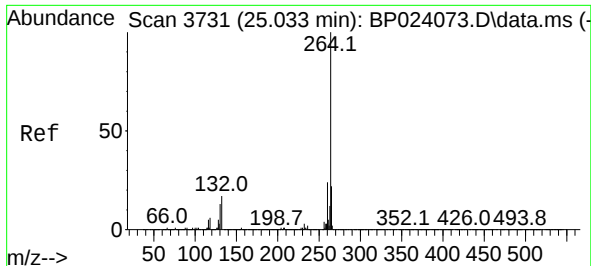
Tgt Ion:240 Resp: 1636023
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 95.237 ng
RT: 19.939 min Scan# 2865
Delta R.T. 0.024 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:244 Resp: 7874206
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.6 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.057 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

Instrument :

BNA_P

ClientSampleId :

TP-1-WC

Tgt Ion:264 Resp: 1912575

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.4 17.8 26.8

