

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025244.D
 Acq On : 24 Jul 2025 16:09
 Operator : CG/JU
 Sample : Q2481-19 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0627-CLOXAL

Quant Time: Jul 24 16:35:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

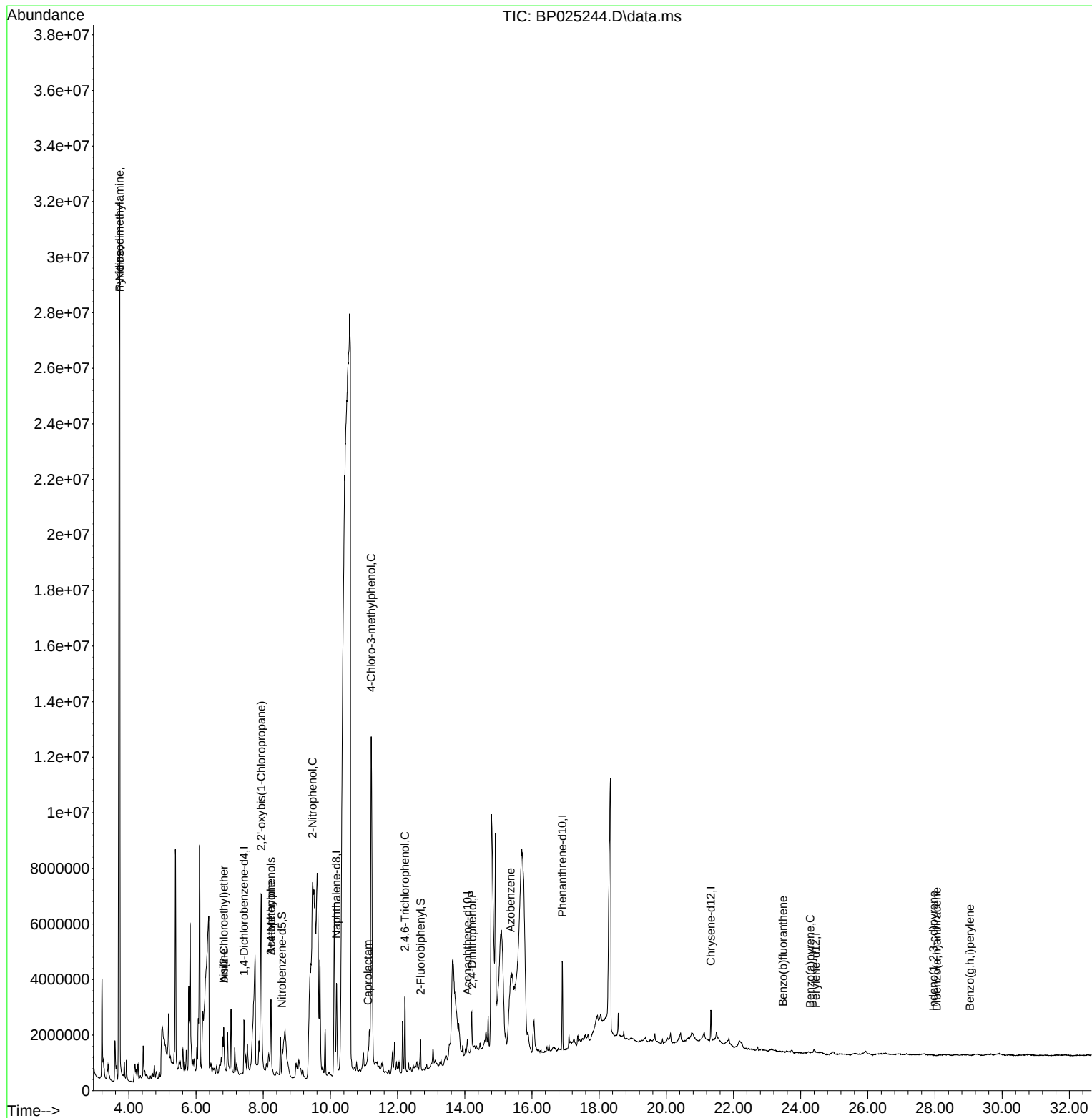
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	540284	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2088015	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	92686	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2017622	20.000	ng	0.00
76) Chrysene-d12	21.325	240	597622	20.000	ng	0.00
86) Perylene-d12	24.442	264	1876	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.114	112	1055	0.033	ng	0.01
7) Phenol-d6	6.661	99	1215	0.031	ng	0.02
23) Nitrobenzene-d5	8.561	82	415361	11.055	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	261	0.191	ng	0.01
45) 2-Fluorobiphenyl	12.684	172	434919	66.154	ng	0.00
79) Terphenyl-d14	19.660	244	5531	0.183	ng	0.00
Target Compounds						
3) Pyridine	3.725	79	1479861	46.130	ng	# 29
4) n-Nitrosodimethylamine	3.725	42	6838221	537.506	ng	# 1
6) Aniline	6.825	93	169880	3.282	ng	# 47
11) bis(2-Chloroethyl)ether	6.825	93	169880	5.395	ng	# 11
16) 2,2'-oxybis(1-Chloropr...	7.943	45	174012	4.319	ng	# 79
20) 3+4-Methylphenols	8.231	107	130127	3.350	ng	# 1
22) Acetophenone	8.231	105	132276	2.722	ng	# 60
26) 2-Nitrophenol	9.466	139	92237	4.796	ng	# 83
35) Caprolactam	11.119	113	39323	3.583	ng	# 21
36) 4-Chloro-3-methylphenol	11.213	107	855060	25.870	ng	# 16
43) 2,4,6-Trichlorophenol	12.219	196	44636	23.514	ng	# 14
54) 2,4-Dinitrophenol	14.219	184	3240	3.797	ng	# 1
63) Azobenzene	15.366	77	328629	61.727	ng	# 73
87) Indeno(1,2,3-cd)pyrene	27.954	276	370	2.699	ng	# 1
88) Benzo(b)fluoranthene	23.471	252	286	2.663	ng	# 1
90) Benzo(a)pyrene	24.289	252	417	3.980	ng	# 1
91) Dibenzo(a,h)anthracene	28.054	278	491	4.390	ng	# 1
92) Benzo(g,h,i)perylene	29.042	276	749	6.814	ng	# 1

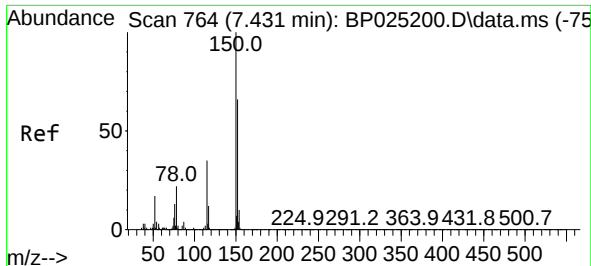
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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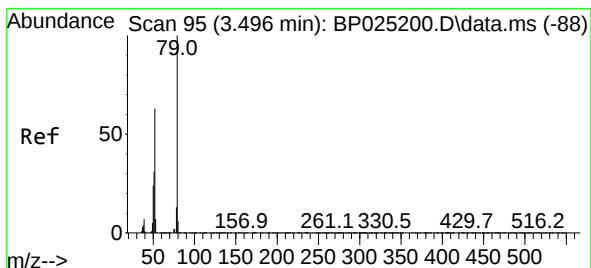
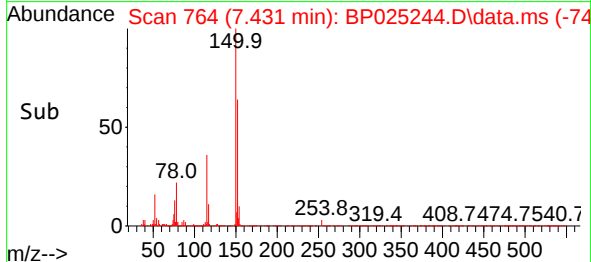
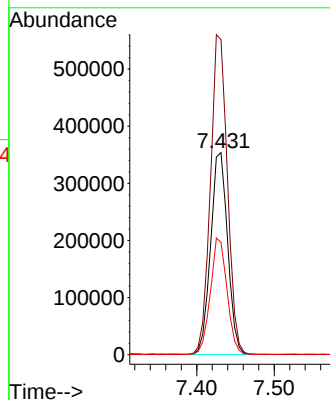
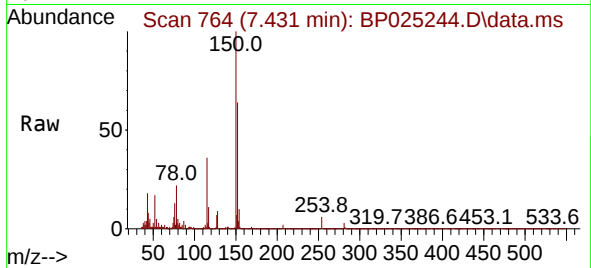




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BP025244.D
 Acq: 24 Jul 2025 16:09

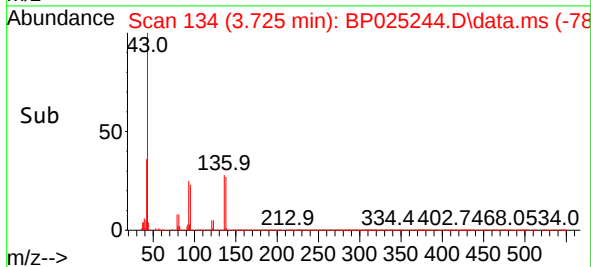
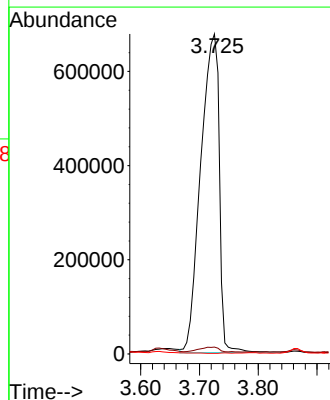
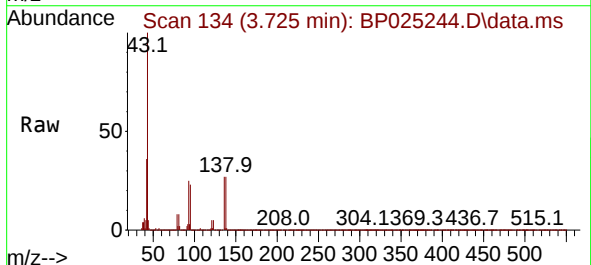
Instrument :
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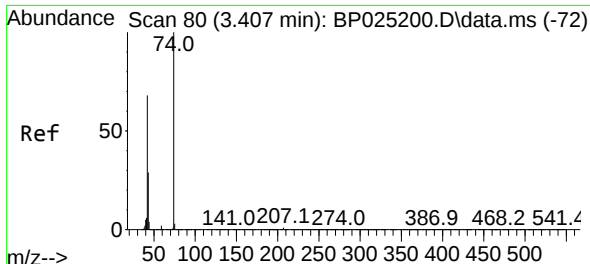
Tgt Ion:152 Resp: 540284
 Ion Ratio Lower Upper
 152 100
 150 155.9 121.9 182.9
 115 55.5 43.0 64.6



#3
 Pyridine
 Concen: 46.130 ng
 RT: 3.725 min Scan# 134
 Delta R.T. 0.230 min
 Lab File: BP025244.D
 Acq: 24 Jul 2025 16:09

Tgt Ion: 79 Resp: 1479861
 Ion Ratio Lower Upper
 79 100
 52 2.1 50.2 75.4#
 51 0.2 25.0 37.4#

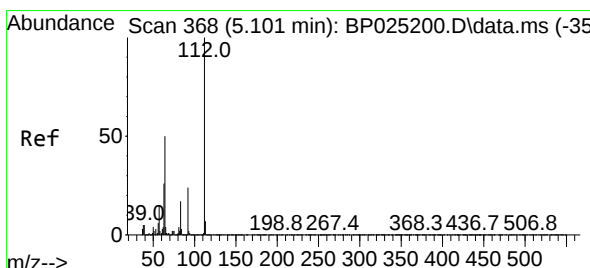
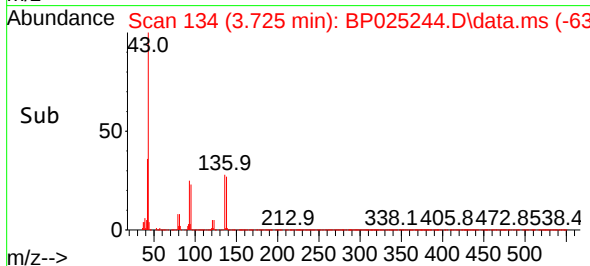
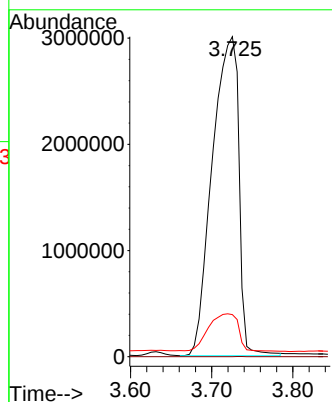
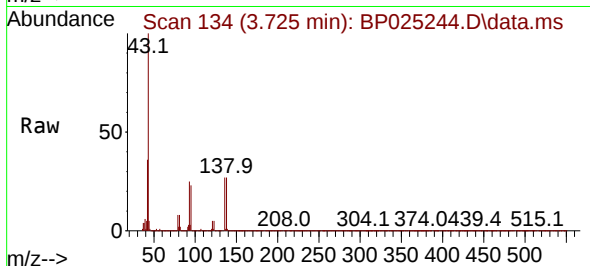




#4
n-Nitrosodimethylamine
Concen: 537.506 ng
RT: 3.725 min Scan# 11
Delta R.T. 0.318 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

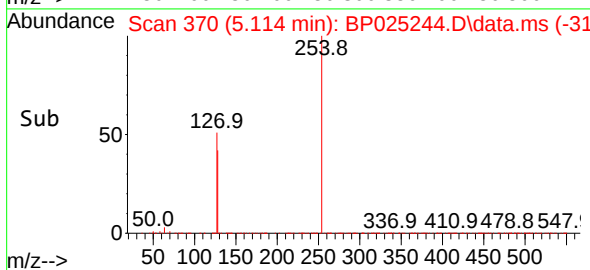
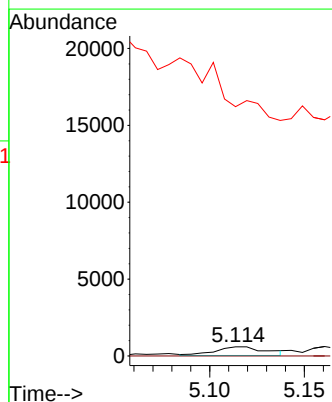
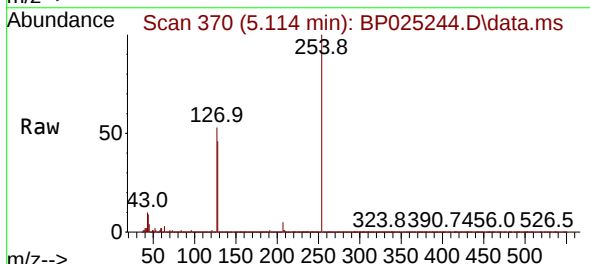
Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

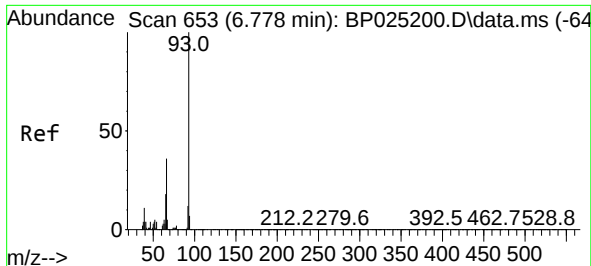
Tgt Ion: 42 Resp: 6838221
Ion Ratio Lower Upper
42 100
74 0.0 118.0 177.0#
44 13.1 5.5 8.3#



#5
2-Fluorophenol
Concen: 0.033 ng
RT: 5.114 min Scan# 370
Delta R.T. 0.012 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion: 112 Resp: 1055
Ion Ratio Lower Upper
112 100
64 0.0 39.8 59.6#
63 2744.5 20.5 30.7#

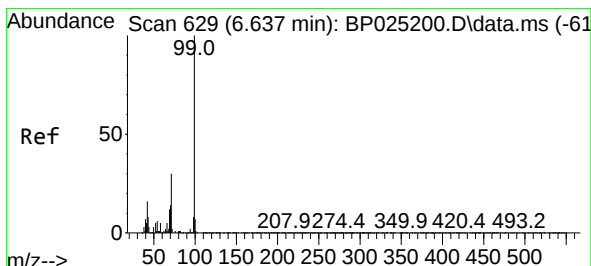
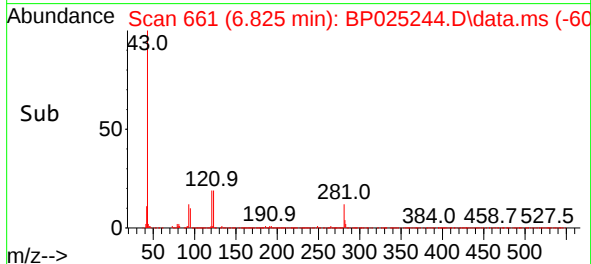
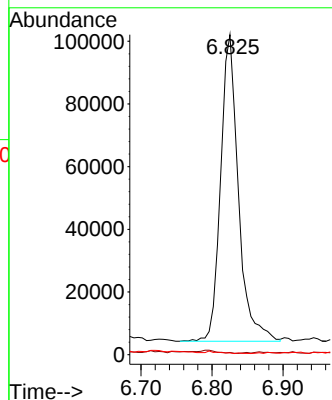
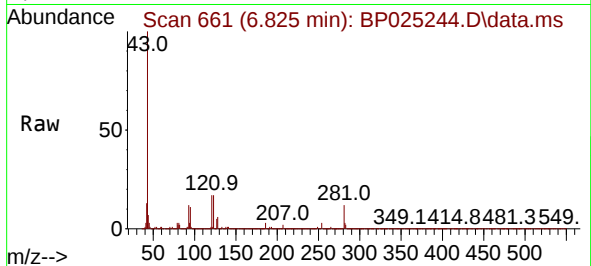




#6
Aniline
Concen: 3.282 ng
RT: 6.825 min Scan# 601
Delta R.T. 0.048 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

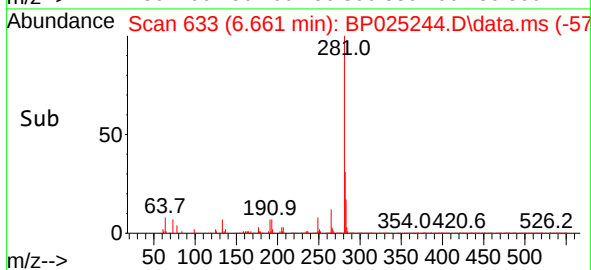
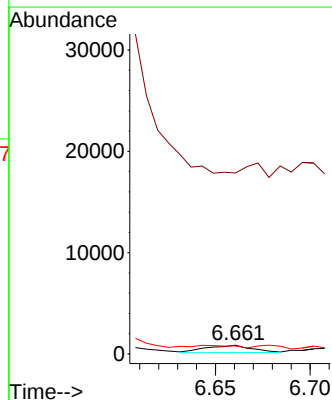
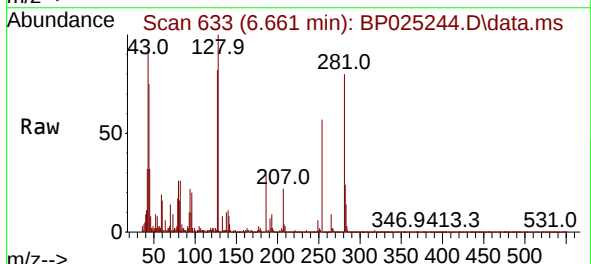
Instrument :
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ClientSampleId :
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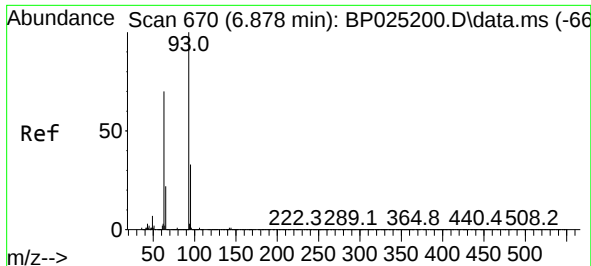
Tgt Ion: 93 Resp: 169880
Ion Ratio Lower Upper
93 100
66 0.7 28.6 43.0#
65 0.5 14.6 21.8#



#7
Phenol-d6
Concen: 0.031 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.024 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion: 99 Resp: 1215
Ion Ratio Lower Upper
99 100
42 2044.9 12.5 18.7#
71 89.9 24.2 36.2#

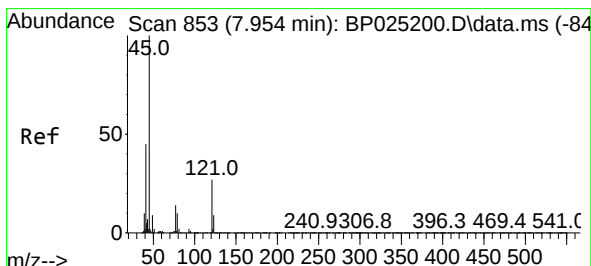
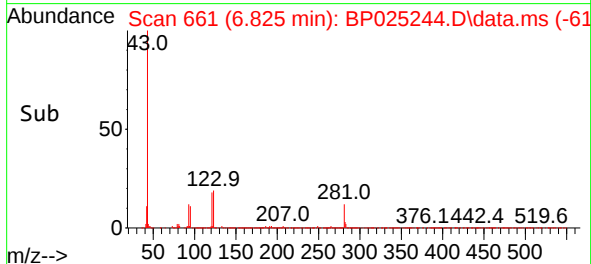
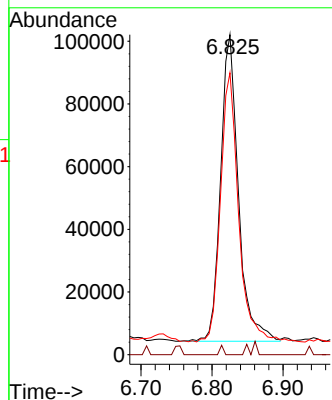
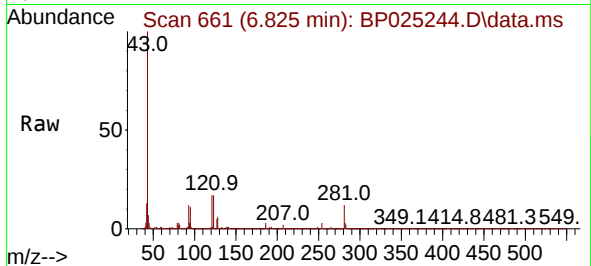




#11
bis(2-Chloroethyl)ether
Concen: 5.395 ng
RT: 6.825 min Scan# 611
Delta R.T. -0.052 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

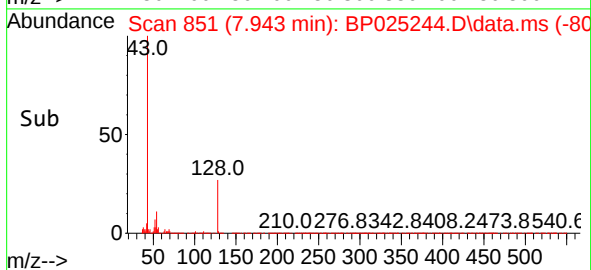
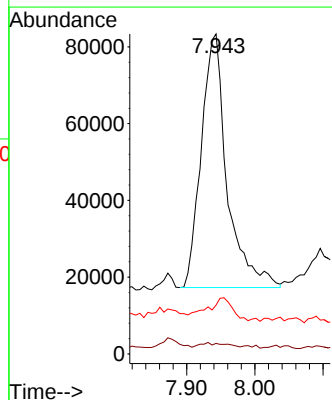
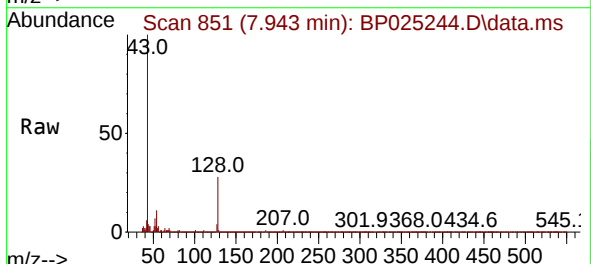
Instrument :
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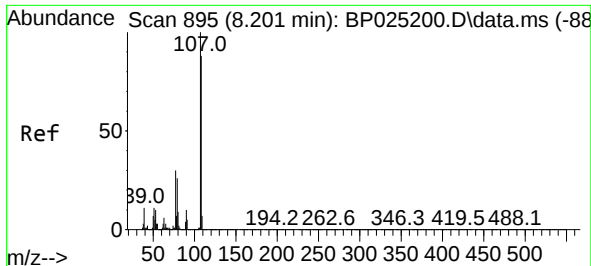
Tgt Ion: 93 Resp: 169880
Ion Ratio Lower Upper
93 100
63 0.0 50.0 90.0#
95 88.1 12.9 52.9#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.319 ng
RT: 7.943 min Scan# 851
Delta R.T. -0.011 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion: 45 Resp: 174012
Ion Ratio Lower Upper
45 100
77 3.3 0.0 36.0
79 15.3 0.0 31.7

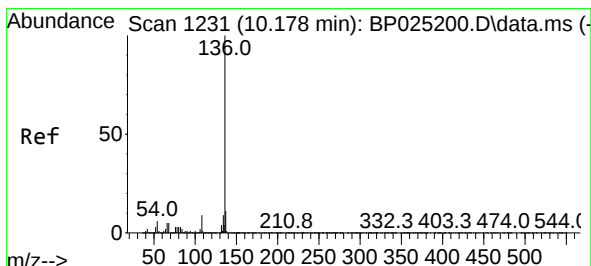
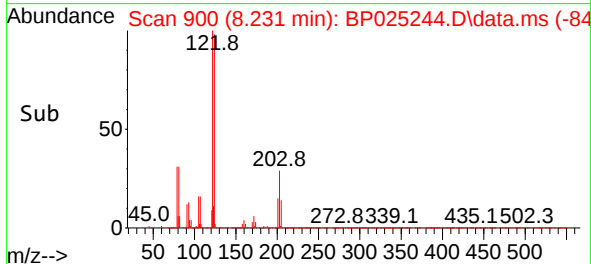
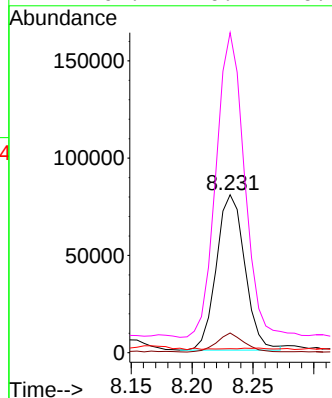
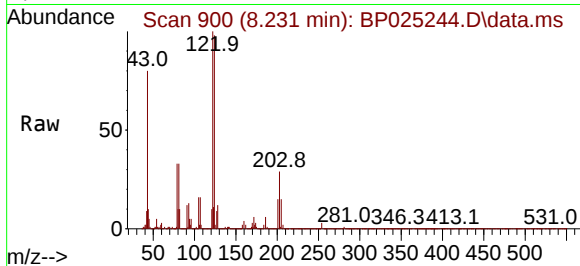




#20
3+4-Methylphenols
Concen: 3.350 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.030 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

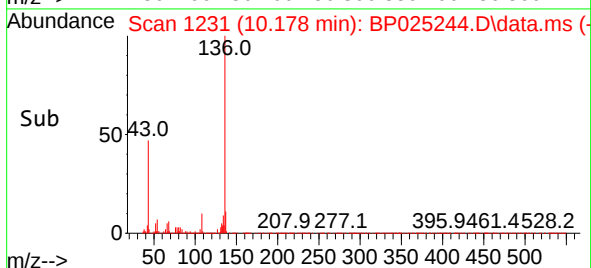
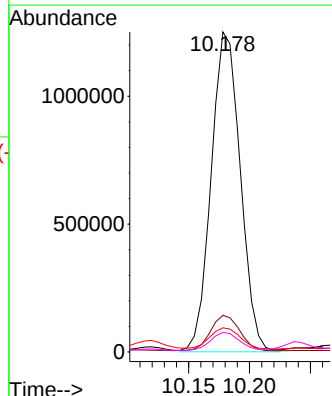
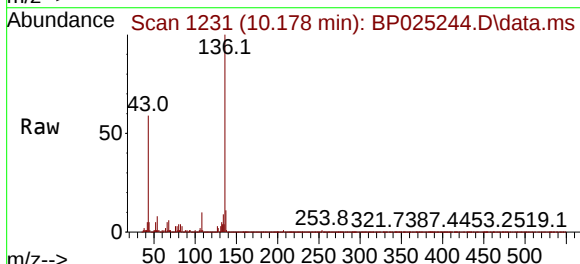
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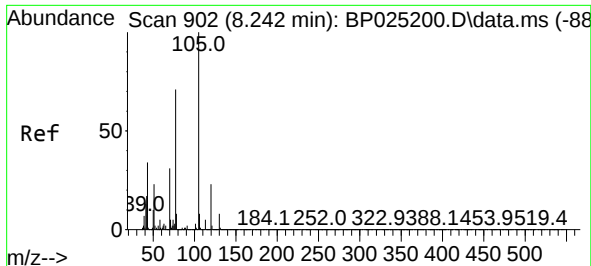
Tgt Ion:107 Resp: 130127
Ion Ratio Lower Upper
107 100
108 12.5 67.8 107.8#
77 2.5 10.3 50.3#
79 202.7 6.1 46.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

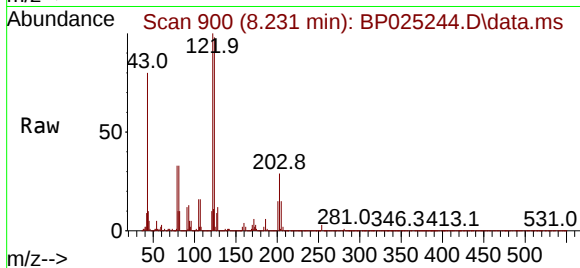
Tgt Ion:136 Resp: 2088015
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.6 5.1 7.7
68 6.1 4.2 6.4



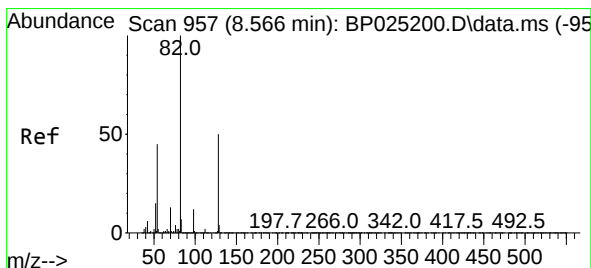
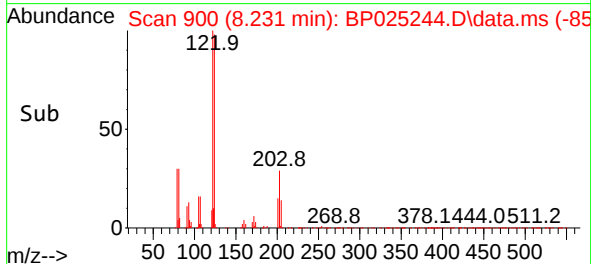
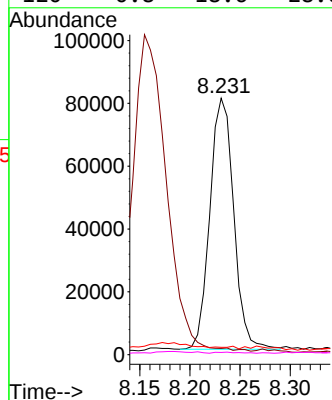


#22
Acetophenone
Concen: 2.722 ng
RT: 8.231 min Scan# 902
Delta R.T. -0.011 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

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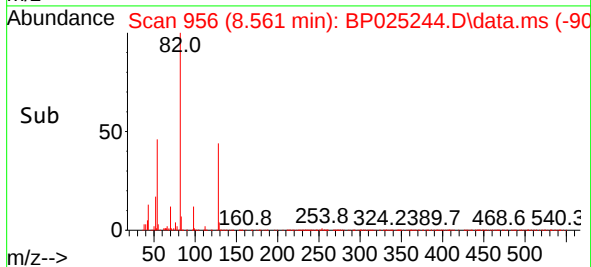
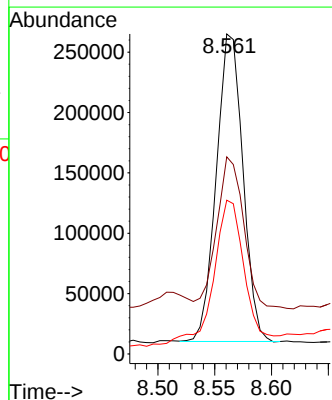
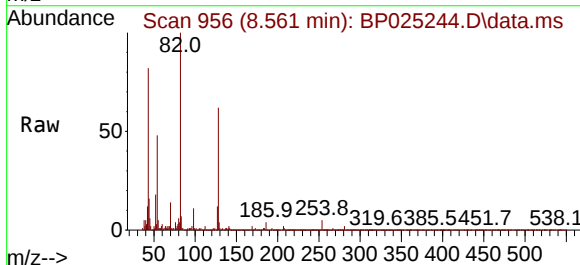


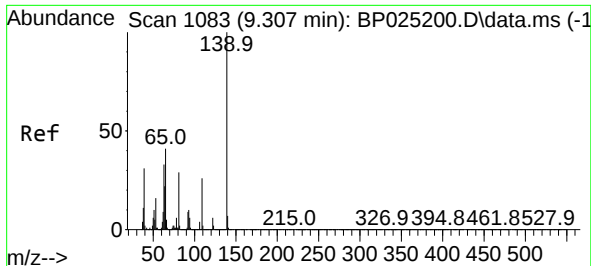
Tgt Ion: 105 Resp: 132276
Ion Ratio Lower Upper
105 100
71 2.4 4.1 6.1#
51 2.9 18.5 27.7#
120 0.8 18.6 28.0#



#23
Nitrobenzene-d5
Concen: 11.055 ng
RT: 8.561 min Scan# 956
Delta R.T. -0.005 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion: 82 Resp: 415361
Ion Ratio Lower Upper
82 100
128 61.6 40.2 60.4#
54 48.1 36.3 54.5

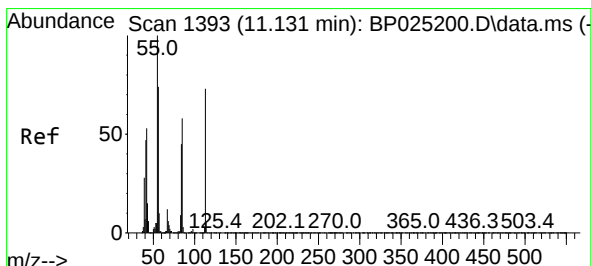
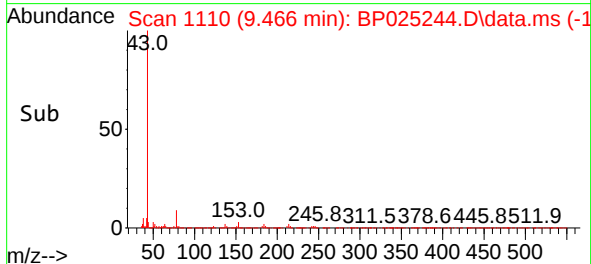
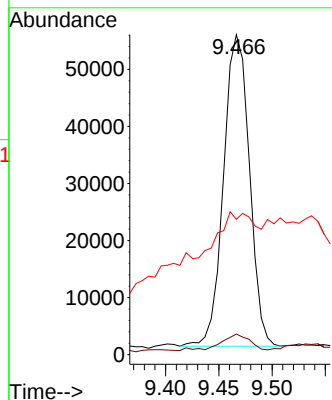
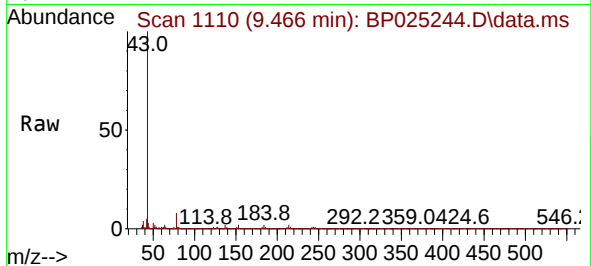




#26
2-Nitrophenol
Concen: 4.796 ng
RT: 9.466 min Scan# 1110
Delta R.T. 0.159 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

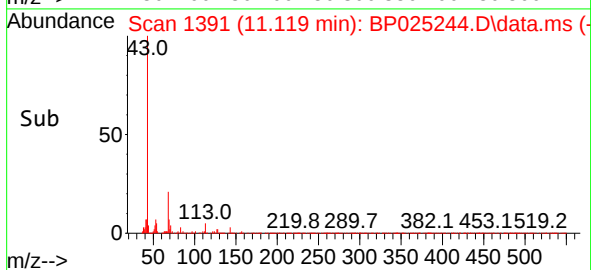
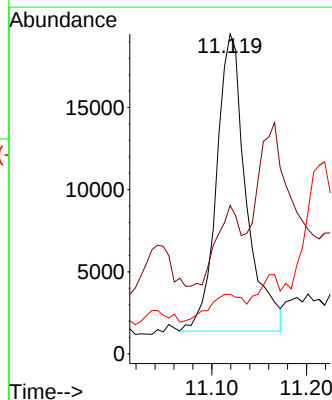
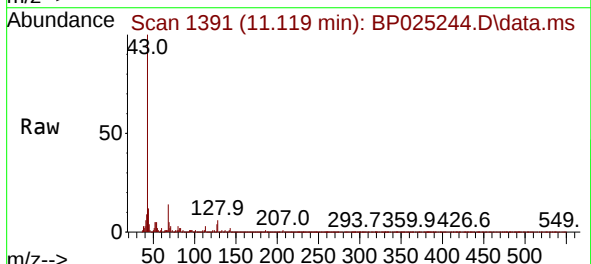
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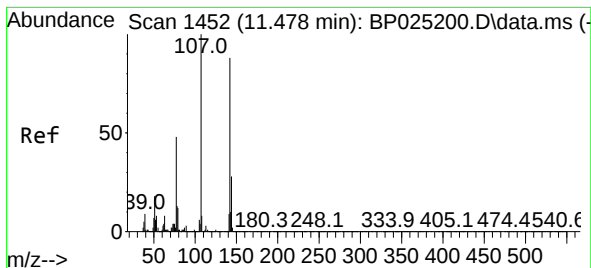
Tgt Ion:139 Resp: 92237
Ion Ratio Lower Upper
139 100
109 6.4 21.0 31.6#
65 42.3 32.7 49.1



#35
Caprolactam
Concen: 3.583 ng
RT: 11.119 min Scan# 1391
Delta R.T. -0.011 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:113 Resp: 39323
Ion Ratio Lower Upper
113 100
55 46.4 117.6 157.6#
56 18.7 82.4 122.4#

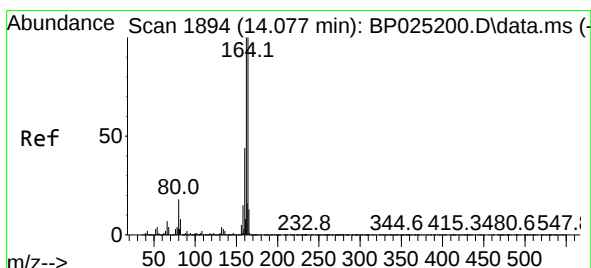
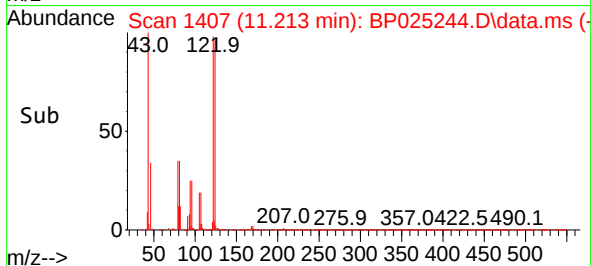
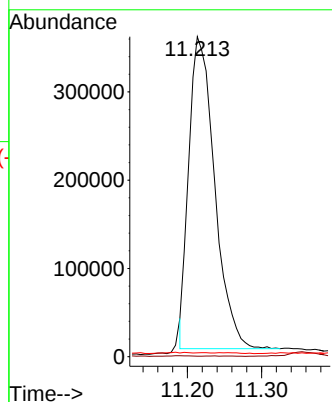
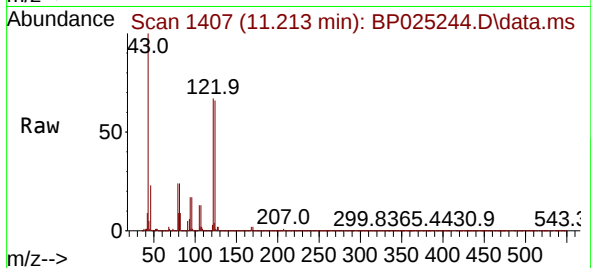




#36
4-Chloro-3-methylphenol
Concen: 25.870 ng
RT: 11.213 min Scan# 1452
Delta R.T. -0.264 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

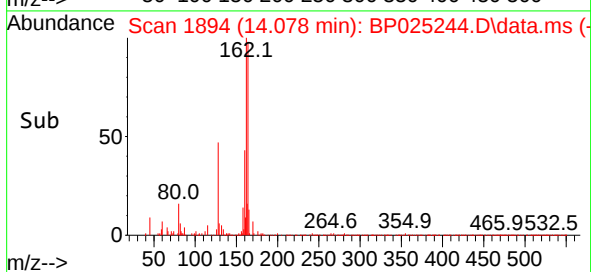
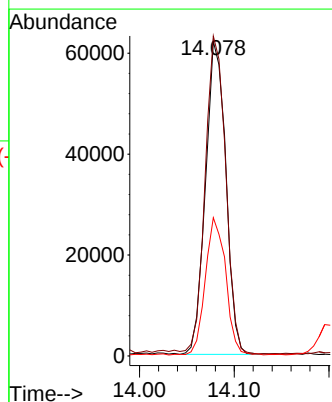
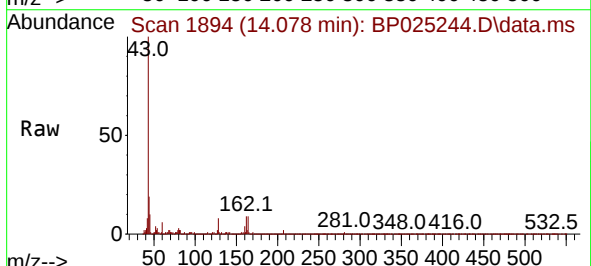
Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

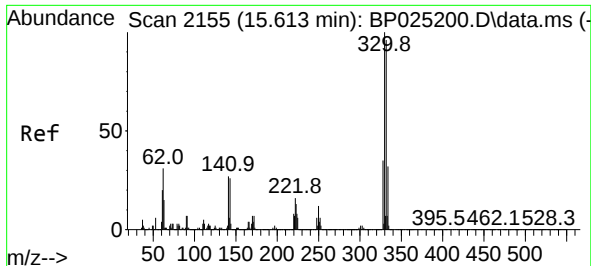
Tgt Ion:107 Resp: 855060
Ion Ratio Lower Upper
107 100
144 0.1 22.5 33.7#
142 1.2 70.6 105.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:164 Resp: 92686
Ion Ratio Lower Upper
164 100
162 101.7 80.3 120.5
160 43.9 35.7 53.5

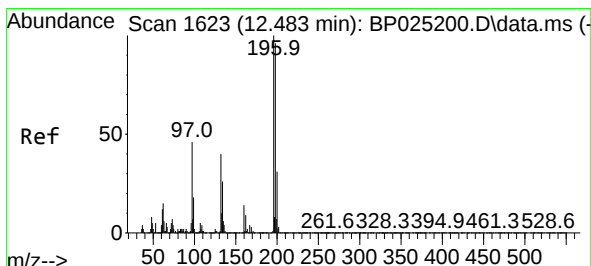
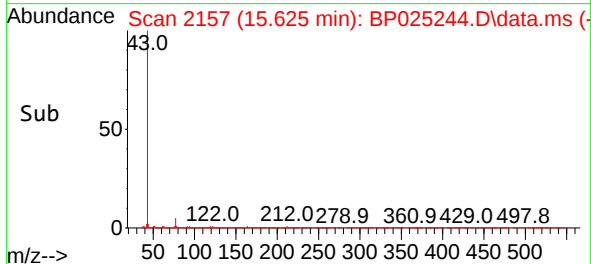
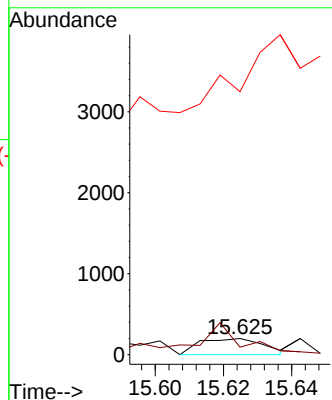
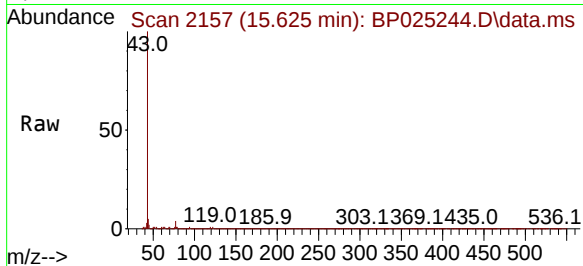




#42
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.625 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

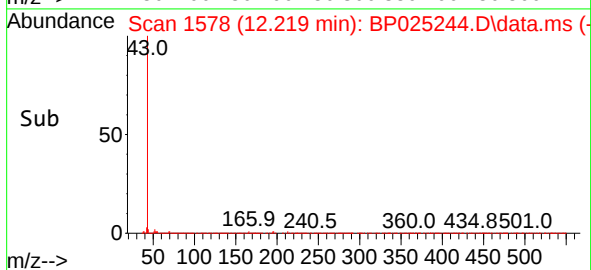
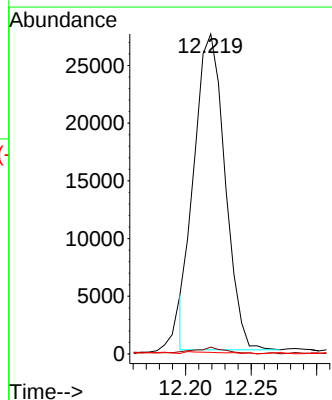
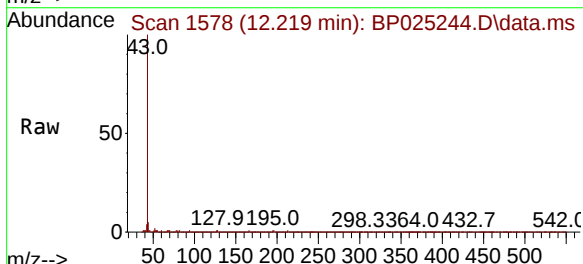
Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

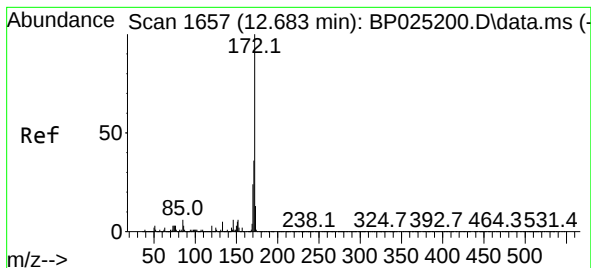
Tgt Ion:330 Resp: 261
Ion Ratio Lower Upper
330 100
332 182.0 77.1 115.7#
141 417.2 22.4 33.6#



#43
2,4,6-Trichlorophenol
Concen: 23.514 ng
RT: 12.219 min Scan# 1578
Delta R.T. -0.264 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:196 Resp: 44636
Ion Ratio Lower Upper
196 100
198 2.2 76.6 114.8#
200 0.5 24.7 37.1#

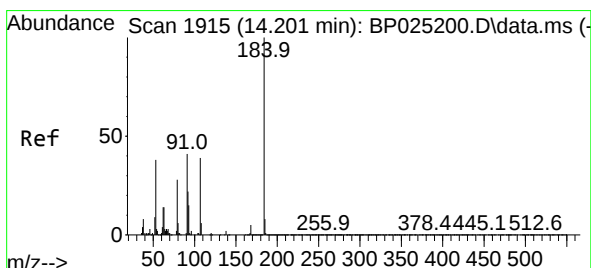
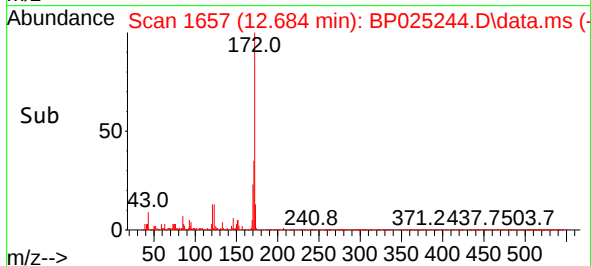
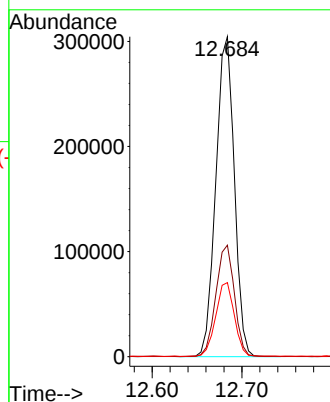
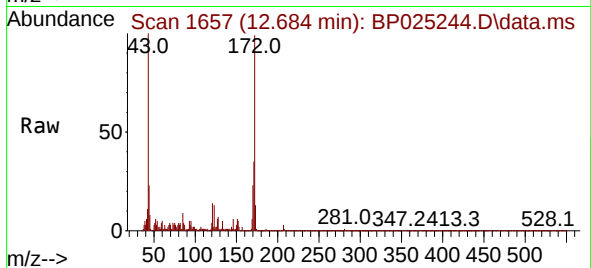




#45
2-Fluorobiphenyl
Concen: 66.154 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

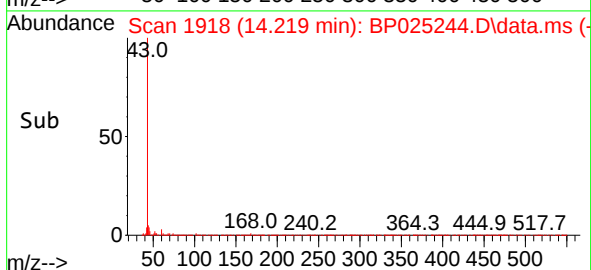
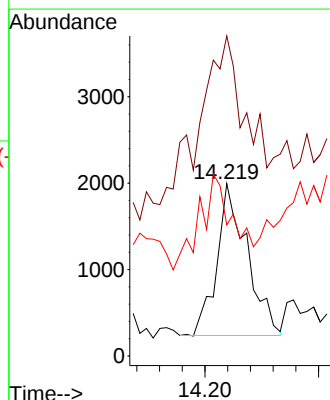
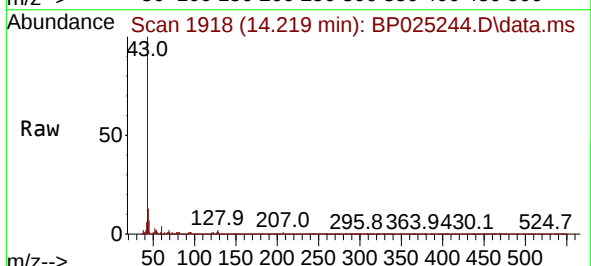
Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

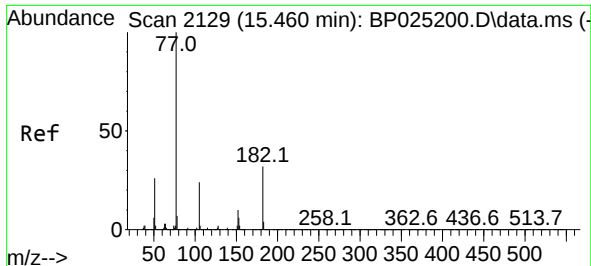
Tgt Ion:172 Resp: 434919
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.2 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 3.797 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.018 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:184 Resp: 3240
Ion Ratio Lower Upper
184 100
63 185.6 41.8 62.8#
154 76.0 45.7 68.5#

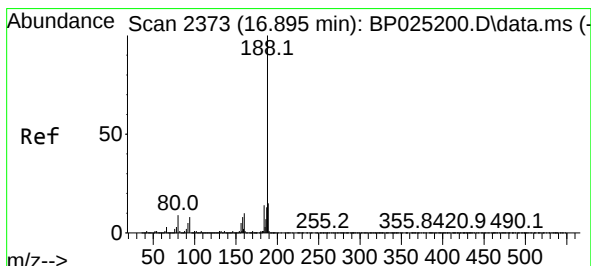
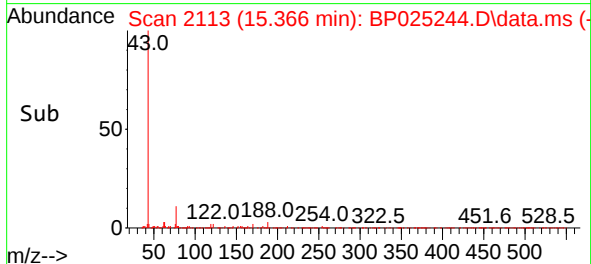
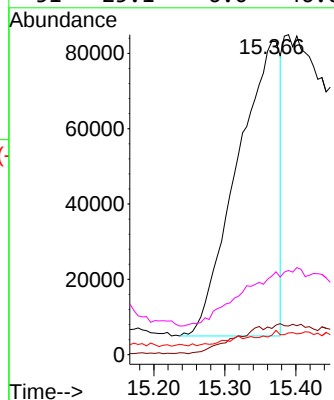
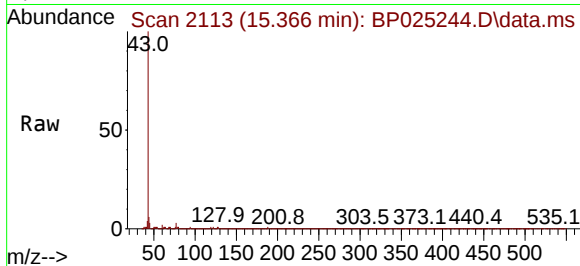




#63
Azobenzene
Concen: 61.727 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.094 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

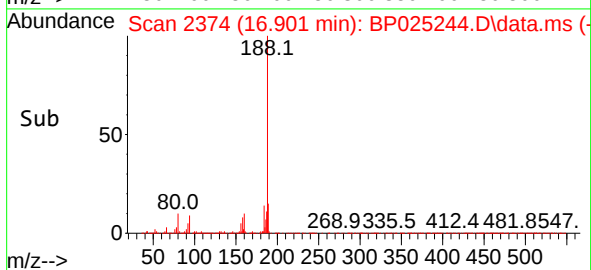
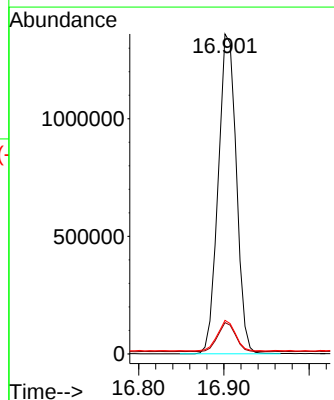
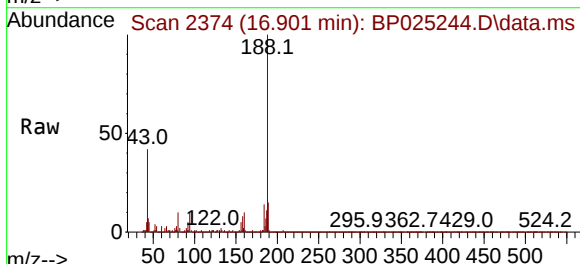
Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

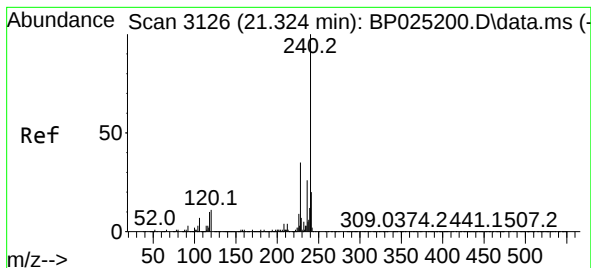
Tgt Ion: 77 Resp: 328629
Ion Ratio Lower Upper
77 100
182 8.4 12.0 52.0#
105 6.2 3.6 43.6
51 25.1 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:188 Resp: 2017622
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 10.5 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.325 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP025244.D

Acq: 24 Jul 2025 16:09

Instrument :

BNA_P

ClientSampleId :

CC0627-CLOXAL

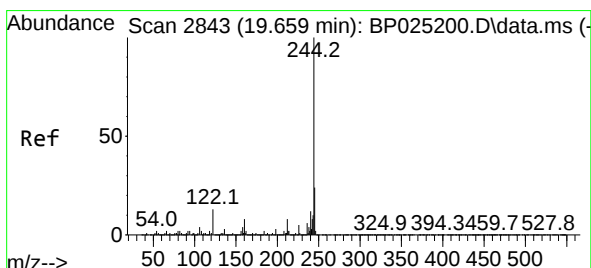
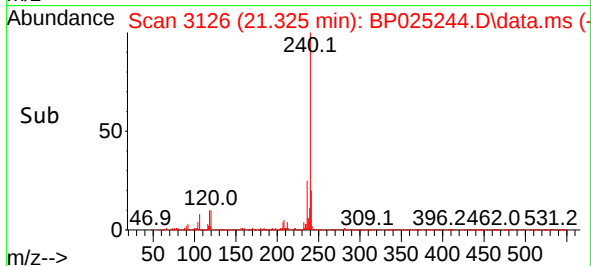
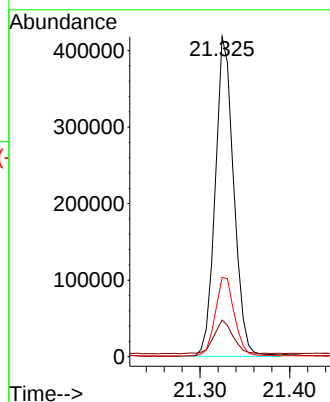
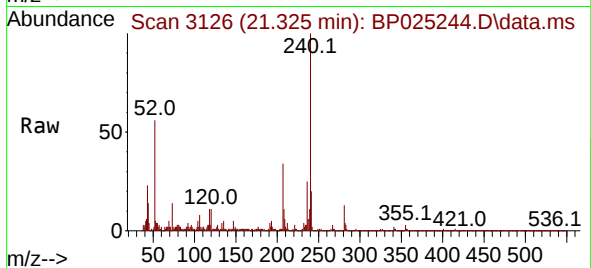
Tgt Ion:240 Resp: 597622

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

236 24.8 20.9 31.3



#79

Terphenyl-d14

Concen: 0.183 ng

RT: 19.660 min Scan# 2843

Delta R.T. 0.001 min

Lab File: BP025244.D

Acq: 24 Jul 2025 16:09

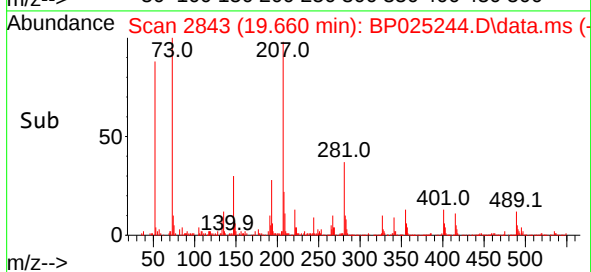
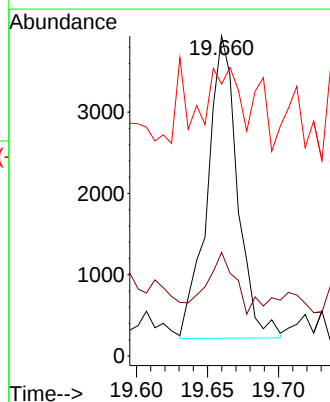
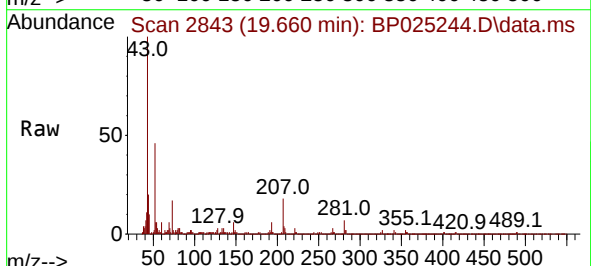
Tgt Ion:244 Resp: 5531

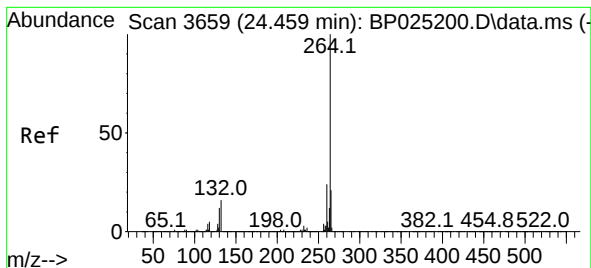
Ion Ratio Lower Upper

244 100

212 32.4 6.6 9.8#

122 85.0 10.3 15.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.442 min Scan# 3

Delta R.T. -0.017 min

Lab File: BP025244.D

Acq: 24 Jul 2025 16:09

Instrument :

BNA_P

ClientSampleId :

CC0627-CLOXAL

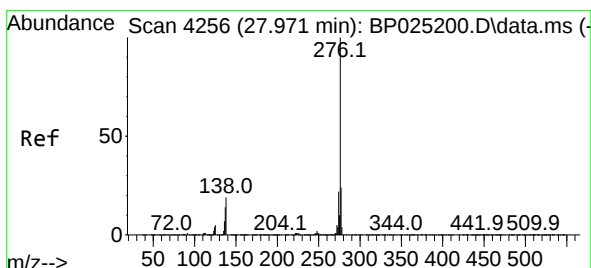
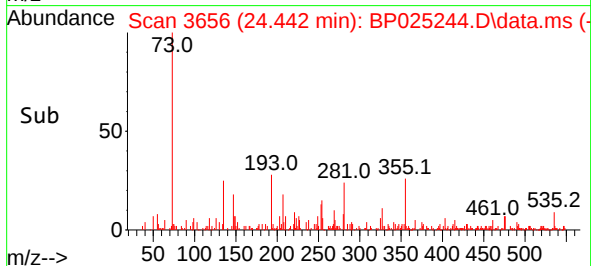
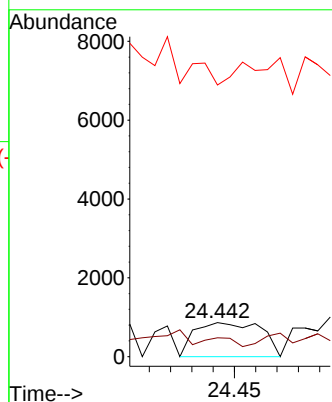
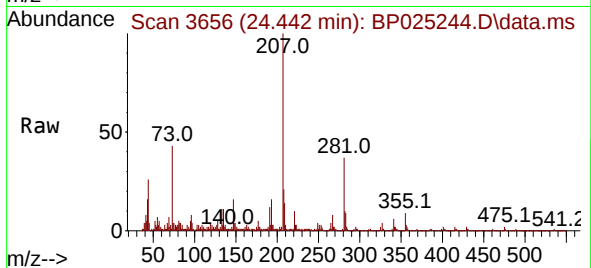
Tgt Ion:264 Resp: 1876

Ion Ratio Lower Upper

264 100

260 55.2 19.0 28.6#

265 796.1 17.5 26.3#



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.699 ng

RT: 27.954 min Scan# 4253

Delta R.T. -0.017 min

Lab File: BP025244.D

Acq: 24 Jul 2025 16:09

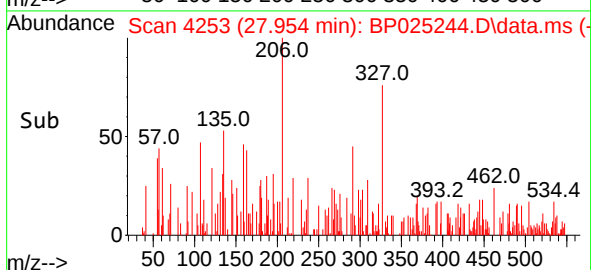
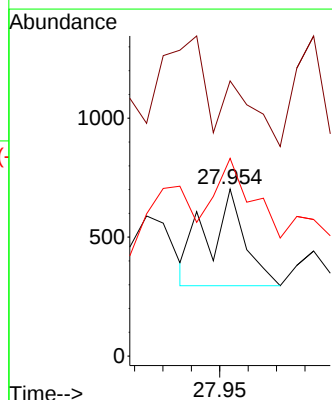
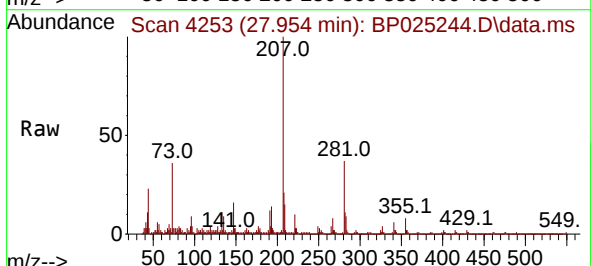
Tgt Ion:276 Resp: 370

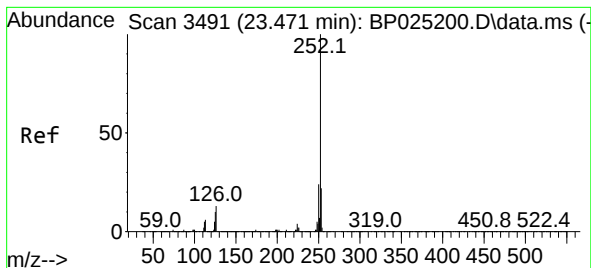
Ion Ratio Lower Upper

276 100

138 0.0 12.8 19.2#

277 221.9 20.3 30.5#





#88

Benzo(b)fluoranthene

Concen: 2.663 ng

RT: 23.471 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP025244.D

Acq: 24 Jul 2025 16:09

Instrument :

BNA_P

ClientSampleId :

CC0627-CLOXAL

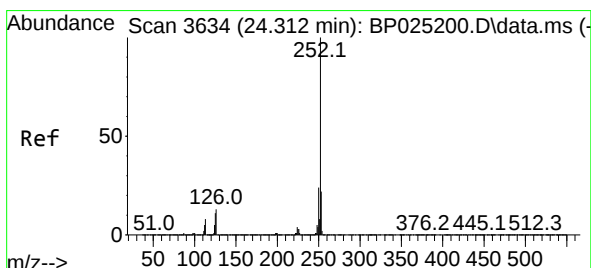
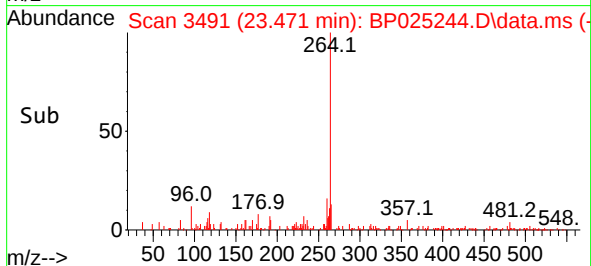
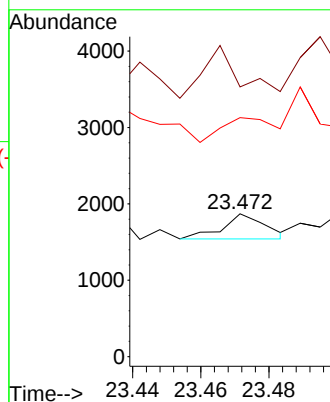
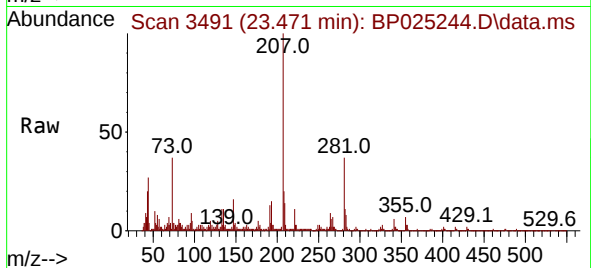
Tgt Ion:252 Resp: 286

Ion Ratio Lower Upper

252 100

253 188.8 18.0 27.0#

125 167.3 7.8 11.8#



#90

Benzo(a)pyrene

Concen: 3.980 ng

RT: 24.289 min Scan# 3630

Delta R.T. -0.023 min

Lab File: BP025244.D

Acq: 24 Jul 2025 16:09

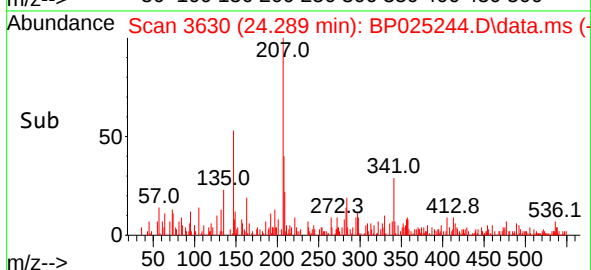
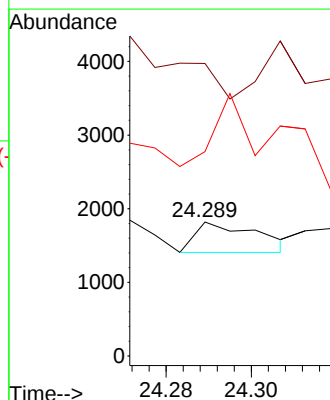
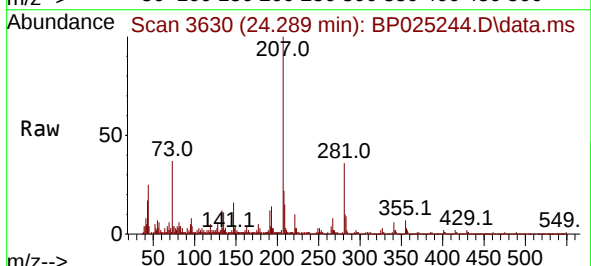
Tgt Ion:252 Resp: 417

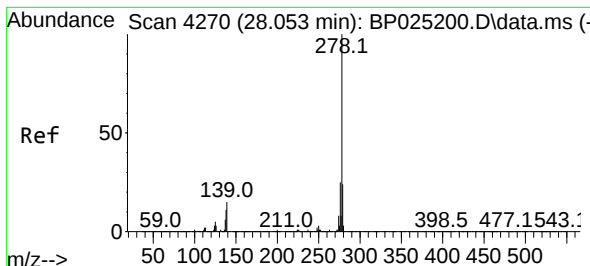
Ion Ratio Lower Upper

252 100

253 218.2 17.8 26.6#

125 152.5 8.6 12.8#





#91

Dibenzo(a,h)anthracene

Concen: 4.390 ng

RT: 28.054 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025244.D

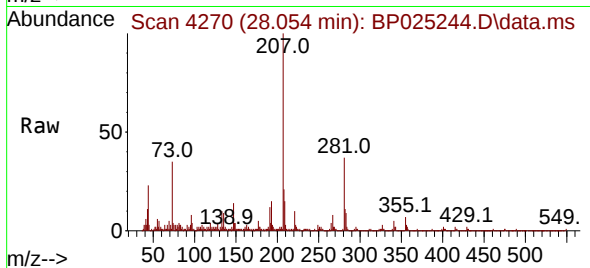
Acq: 24 Jul 2025 16:09

Instrument :

BNA_P

ClientSampleId :

CC0627-CLOXAL



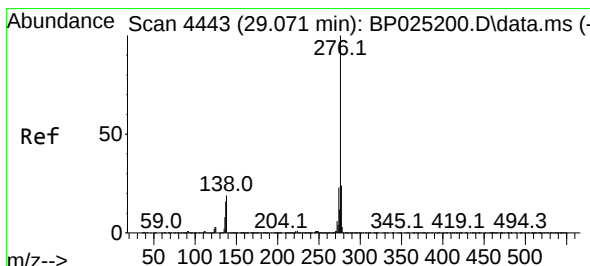
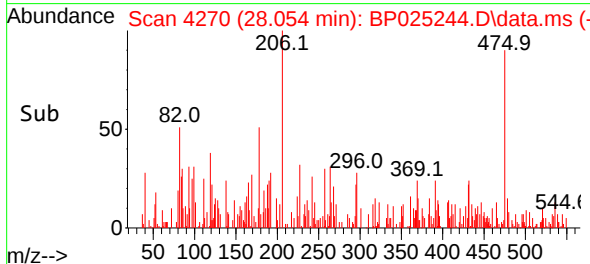
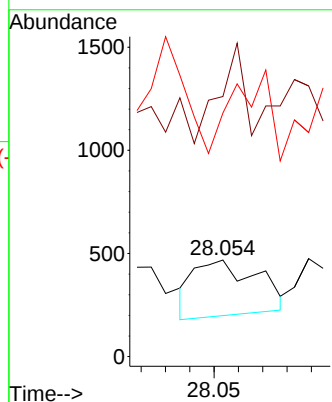
Tgt Ion:278 Resp: 491

Ion	Ratio	Lower	Upper
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278	100		
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139	269.4	12.0	18.0#
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279	252.4	19.5	29.3#
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#92

Benzo(g,h,i)perylene

Concen: 6.814 ng

RT: 29.042 min Scan# 4438

Delta R.T. -0.029 min

Lab File: BP025244.D

Acq: 24 Jul 2025 16:09

Tgt Ion:276 Resp: 749

Ion	Ratio	Lower	Upper
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276	100		
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277	112.5	19.2	28.8#
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138	178.4	15.4	23.2#
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