

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025126.D
 Acq On : 14 Jul 2025 19:09
 Operator : CG/JU
 Sample : Q2553-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AOC-203

Quant Time: Jul 14 19:38:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

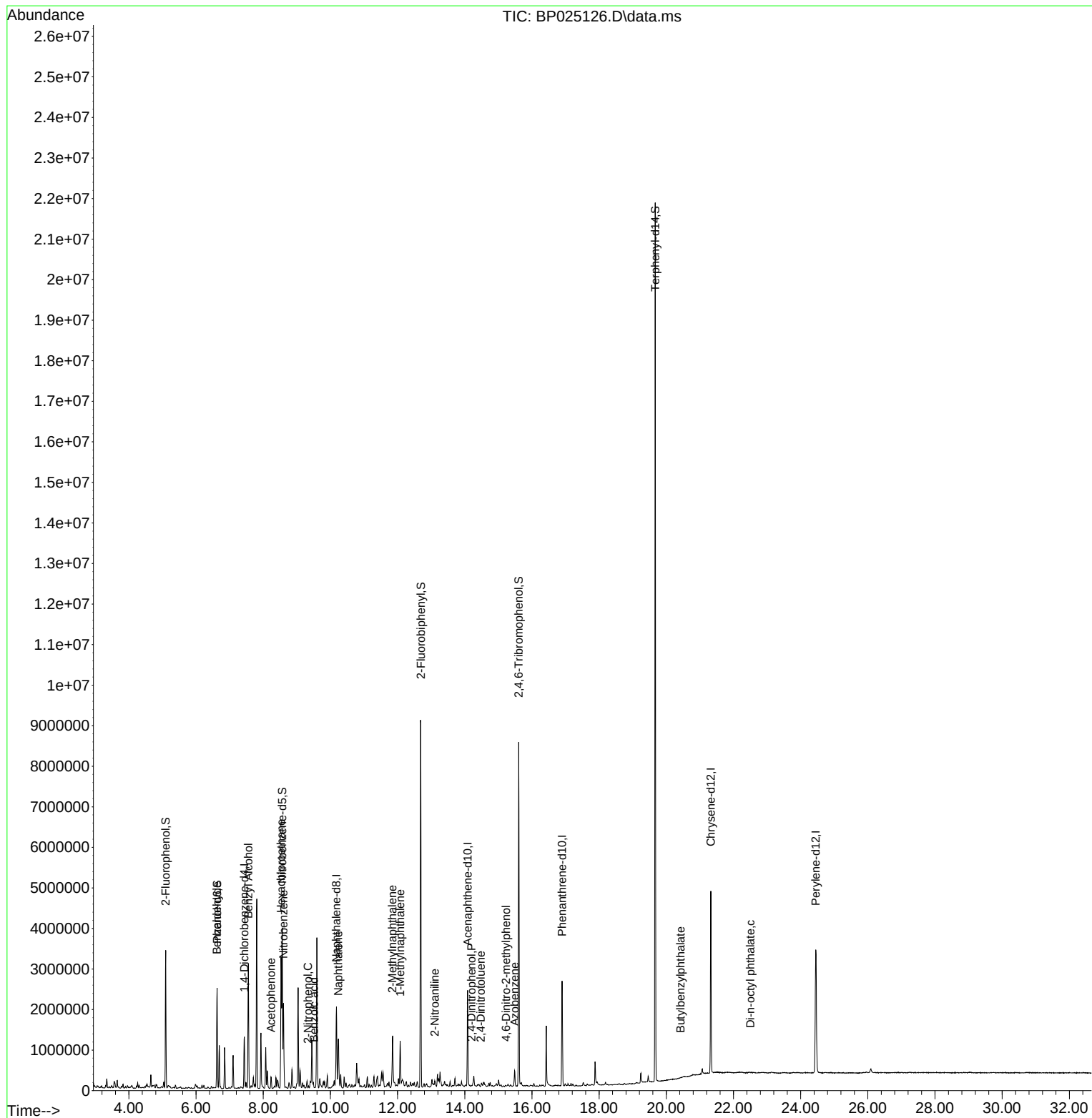
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	356736	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1359325	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	848645	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	1826157	20.000	ng	-0.01
76) Chrysene-d12	21.324	240	2432841	20.000	ng	-0.02
86) Perylene-d12	24.448	264	2988381	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1448557	71.948	ng	0.00
7) Phenol-d6	6.625	99	1121205	42.674	ng	0.00
23) Nitrobenzene-d5	8.566	82	2104039	102.940	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1717749	171.341	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	5059470	92.359	ng	0.00
79) Terphenyl-d14	19.672	244	9975517	90.117	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	37026	2.698	ng	# 1
15) Benzyl Alcohol	7.555	79	142743	8.140	ng	# 6
18) Hexachloroethane	8.531	117	283047	34.039	ng	# 1
22) Acetophenone	8.231	105	191657	5.962	ng	# 61
24) Nitrobenzene	8.602	77	65563	3.149	ng	# 2
26) 2-Nitrophenol	9.331	139	44	3.306	ng	# 1
31) Naphthalene	10.231	128	775167	11.075	ng	99
32) Benzoic acid	9.507	122	332	6.224	ng	# 1
37) 2-Methylnaphthalene	11.848	142	210250	4.257	ng	99
38) 1-Methylnaphthalene	12.078	142	459616	9.542	ng	# 99
48) 2-Nitroaniline	13.107	65	3927	3.090	ng	# 31
54) 2,4-Dinitrophenol	14.195	184	253	5.427	ng	# 1
57) 2,4-Dinitrotoluene	14.472	165	1429	2.716	ng	# 49
63) Azobenzene	15.484	77	119025	2.240	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.231	198	18	5.581	ng	# 1
80) Butylbenzylphthalate	20.424	149	1654	3.708	ng	# 31
85) Di-n-octyl phthalate	22.507	149	966	6.105	ng	# 1

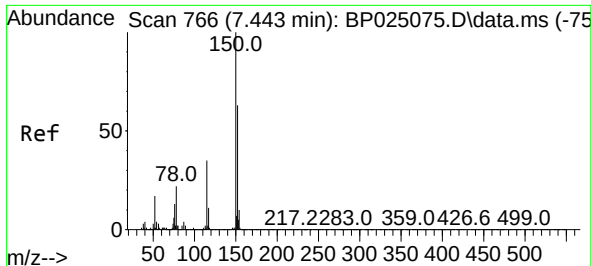
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
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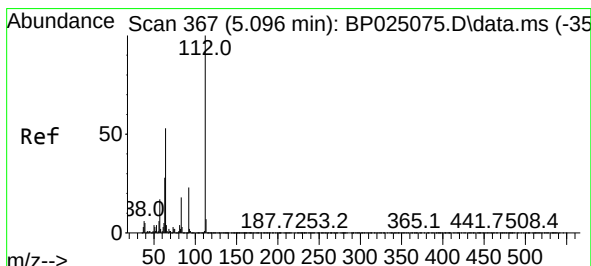
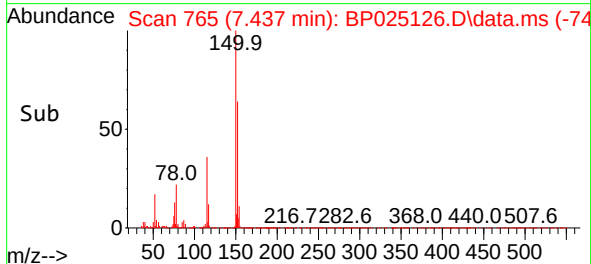
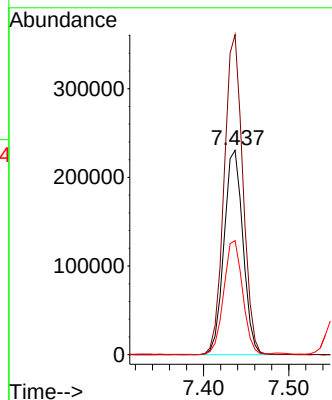
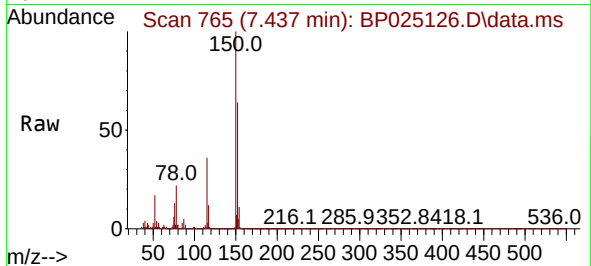




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

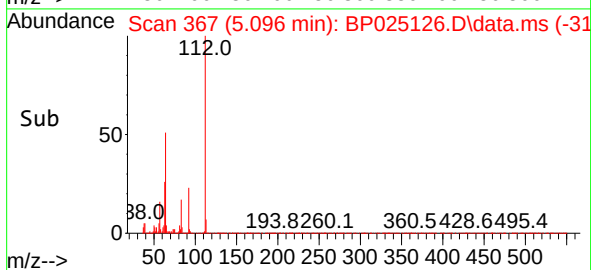
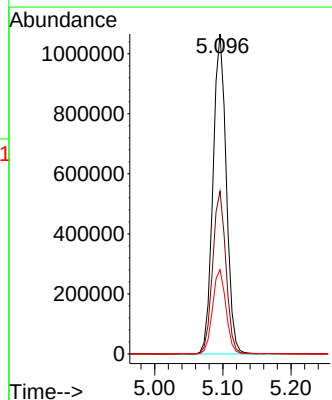
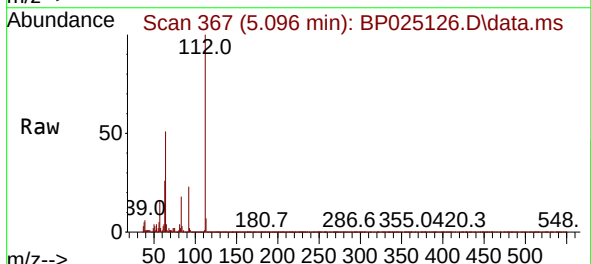
Instrument :
BNA_P
ClientSampleId :
AOC-203

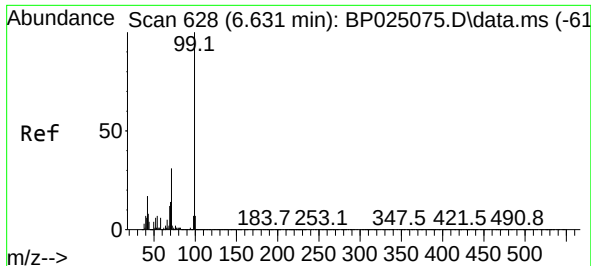
Tgt Ion:152 Resp: 356736
Ion Ratio Lower Upper
152 100
150 156.6 126.1 189.1
115 55.8 44.3 66.5



#5
2-Fluorophenol
Concen: 71.948 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:112 Resp: 1448557
Ion Ratio Lower Upper
112 100
64 50.9 42.0 63.0
63 26.3 22.2 33.2

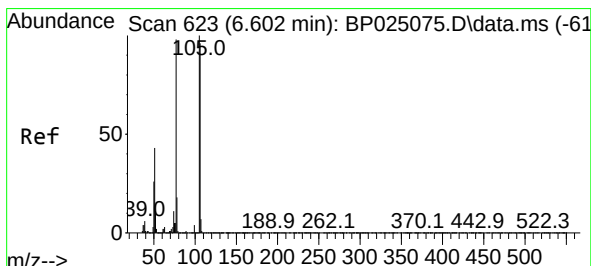
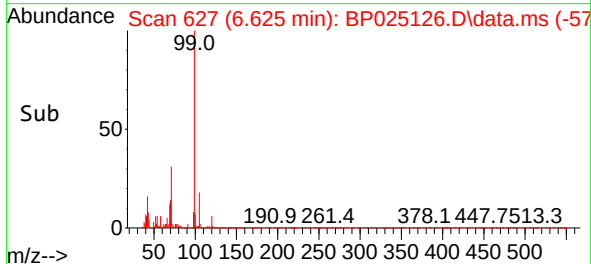
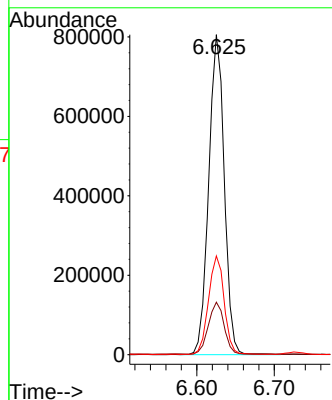
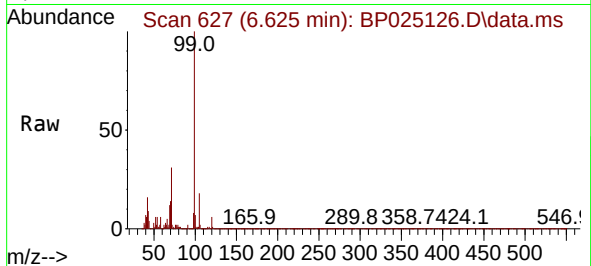




#7
Phenol-d6
Concen: 42.674 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

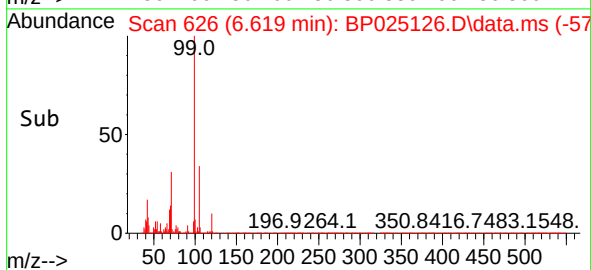
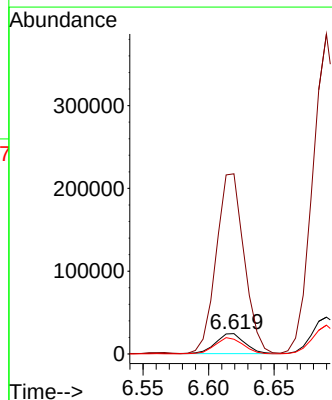
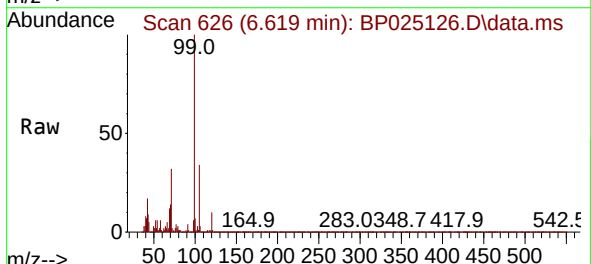
Instrument :
BNA_P
ClientSampleId :
AOC-203

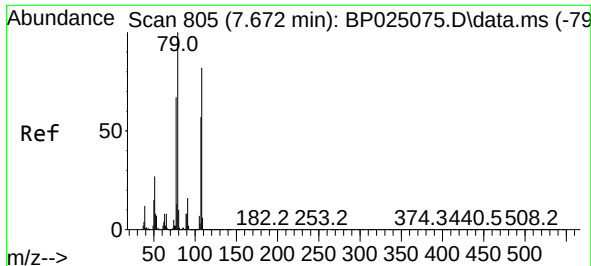
Tgt Ion: 99 Resp: 1121205
Ion Ratio Lower Upper
99 100
42 16.4 13.6 20.4
71 30.9 24.4 36.6



#9
Benzaldehyde
Concen: 2.698 ng
RT: 6.619 min Scan# 626
Delta R.T. 0.017 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion: 77 Resp: 37026
Ion Ratio Lower Upper
77 100
105 888.0 82.4 122.4#
106 72.5 78.3 118.3#

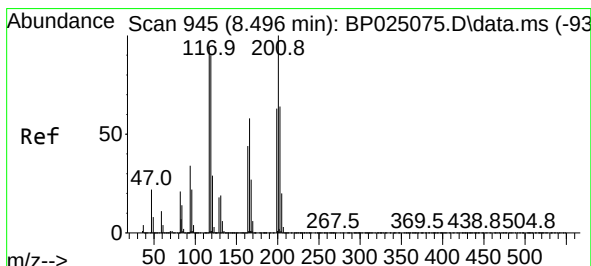
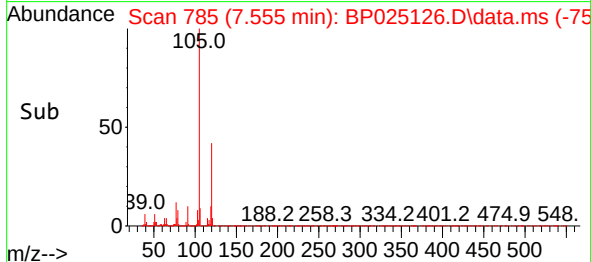
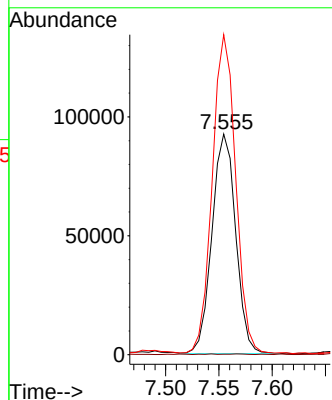
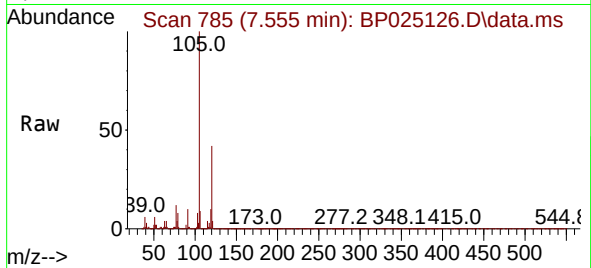




#15
Benzyl Alcohol
Concen: 8.140 ng
RT: 7.555 min Scan# 70
Delta R.T. -0.118 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

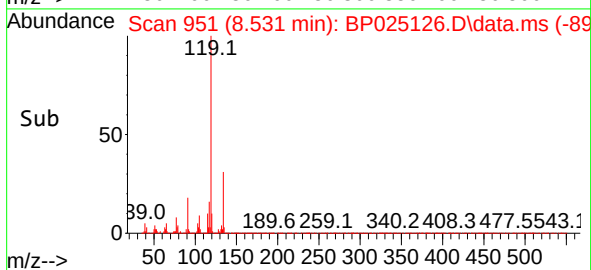
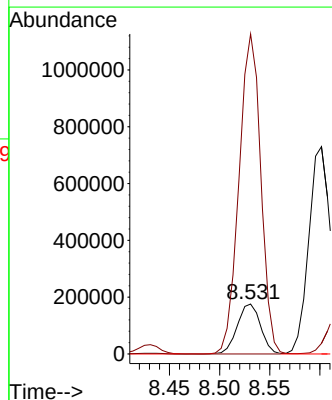
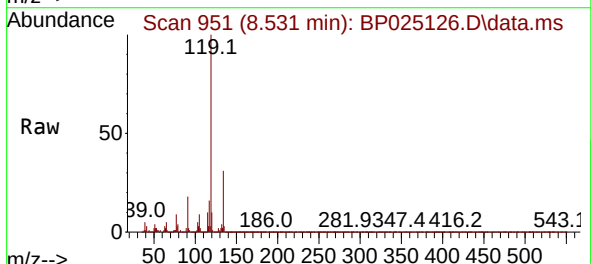
Instrument :
BNA_P
ClientSampleId :
AOC-203

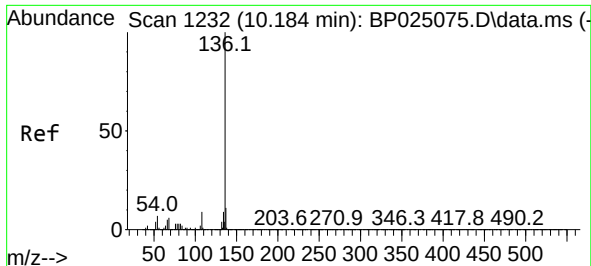
Tgt Ion: 79 Resp: 142743
Ion Ratio Lower Upper
79 100
108 0.2 66.0 99.0#
77 145.1 53.4 80.2#



#18
Hexachloroethane
Concen: 34.039 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.035 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion: 117 Resp: 283047
Ion Ratio Lower Upper
117 100
119 641.9 76.6 115.0#
201 0.0 85.4 128.2#



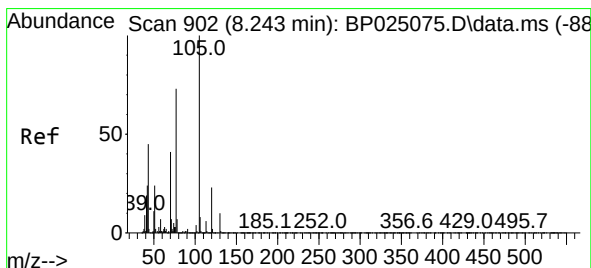
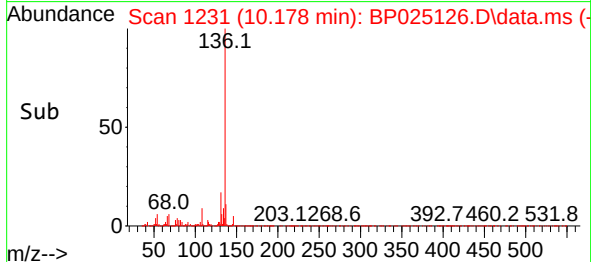
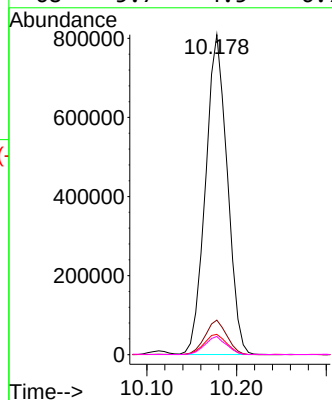
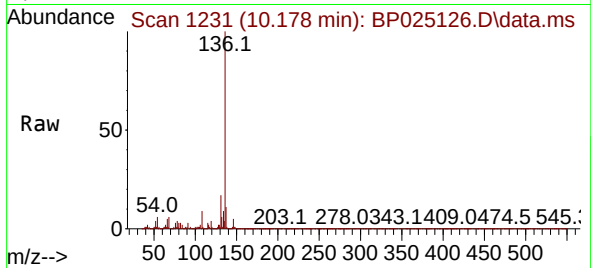


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion:136 Resp: 1359325

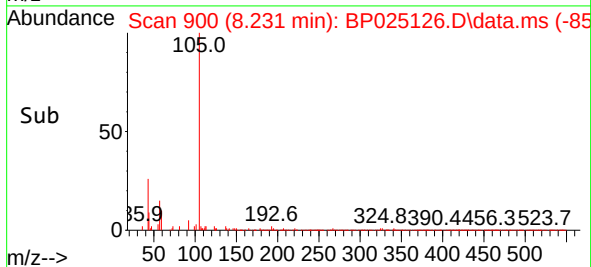
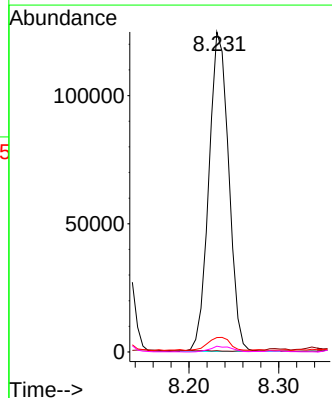
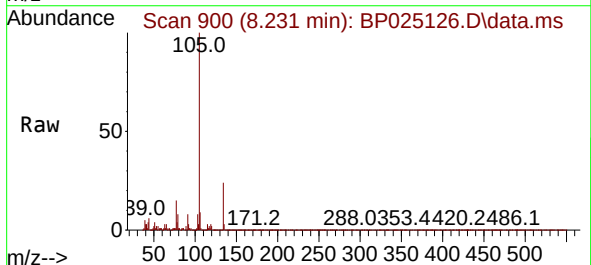
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	5.4	8.2
68	5.7	4.5	6.7

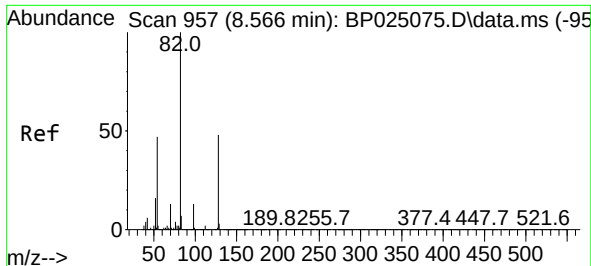


#22
Acetophenone
Concen: 5.962 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.012 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:105 Resp: 191657

Ion	Ratio	Lower	Upper
105	100		
71	0.4	5.4	8.2#
51	4.5	19.6	29.4#
120	1.8	18.8	28.2#

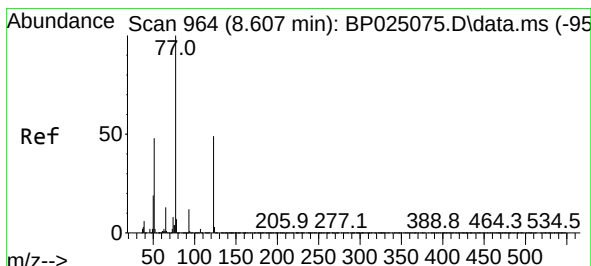
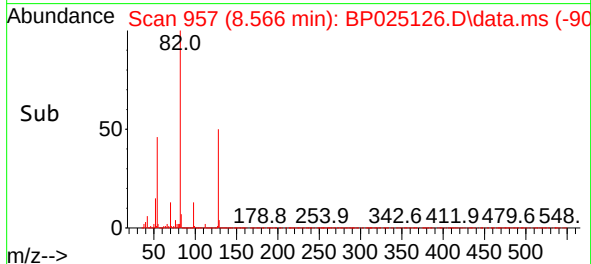
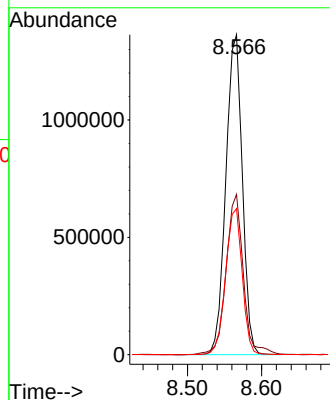
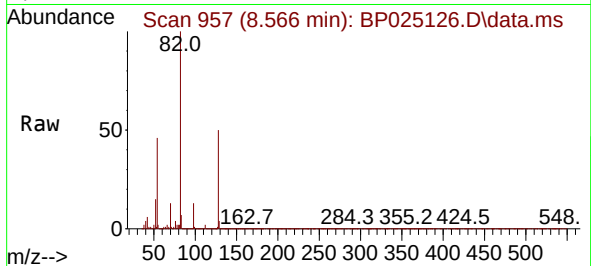




#23
 Nitrobenzene-d5
 Concen: 102.940 ng
 RT: 8.566 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP025126.D
 Acq: 14 Jul 2025 19:09

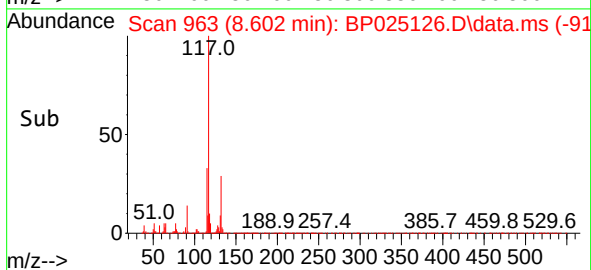
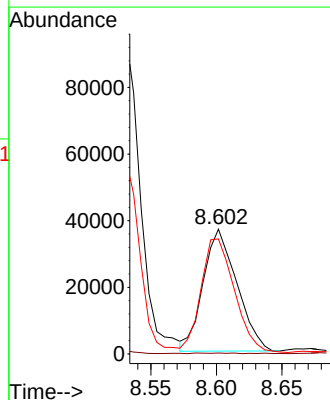
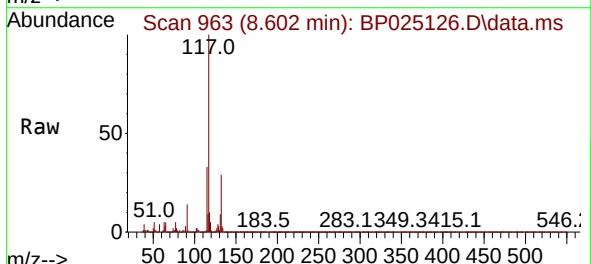
Instrument :
 BNA_P
 ClientSampleId :
 AOC-203

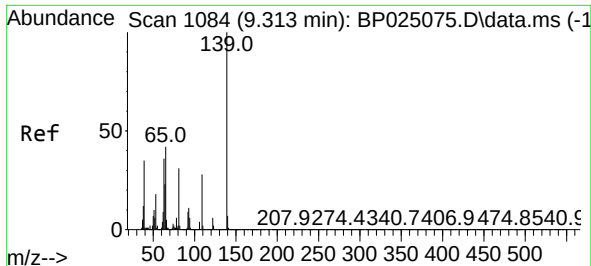
Tgt Ion: 82 Resp: 2104039
 Ion Ratio Lower Upper
 82 100
 128 50.1 38.4 57.6
 54 45.6 37.8 56.6



#24
 Nitrobenzene
 Concen: 3.149 ng
 RT: 8.602 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: BP025126.D
 Acq: 14 Jul 2025 19:09

Tgt Ion: 77 Resp: 65563
 Ion Ratio Lower Upper
 77 100
 123 0.8 39.0 58.6#
 65 92.2 10.7 16.1#

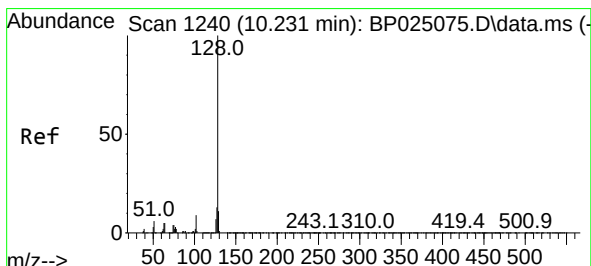
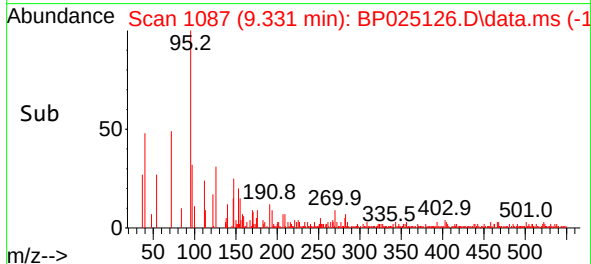
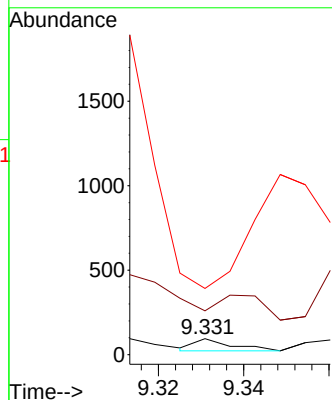
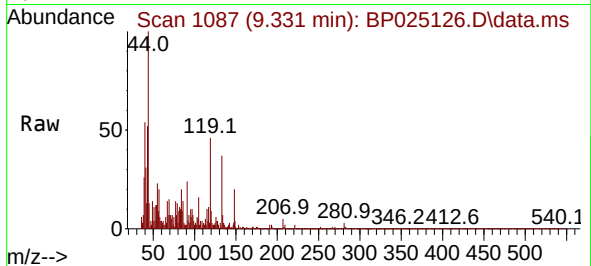




#26
2-Nitrophenol
Concen: 3.306 ng
RT: 9.331 min Scan# 1084
Delta R.T. 0.018 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

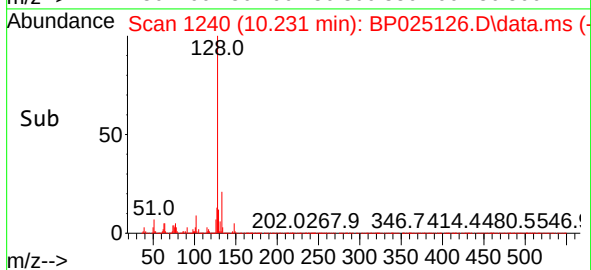
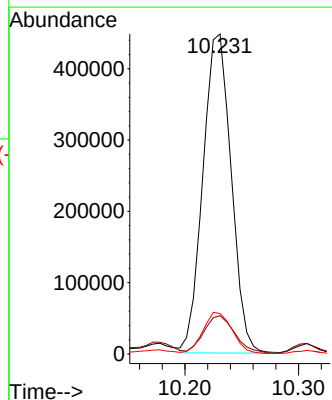
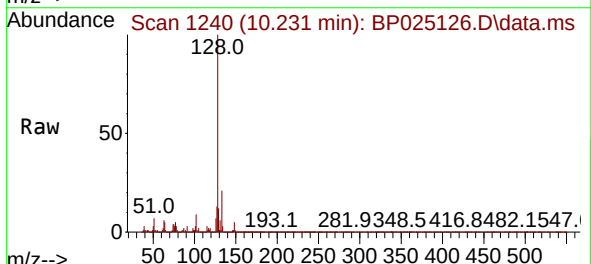
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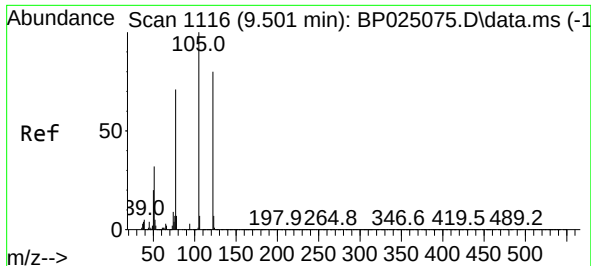
Tgt Ion:139 Resp: 44
Ion Ratio Lower Upper
139 100
109 149.7 22.3 33.5#
65 226.6 33.8 50.8#



#31
Naphthalene
Concen: 11.075 ng
RT: 10.231 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:128 Resp: 775167
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 12.7 10.4 15.6

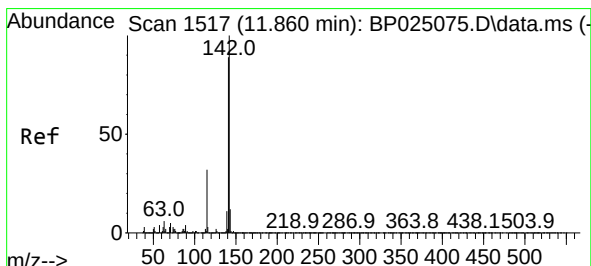
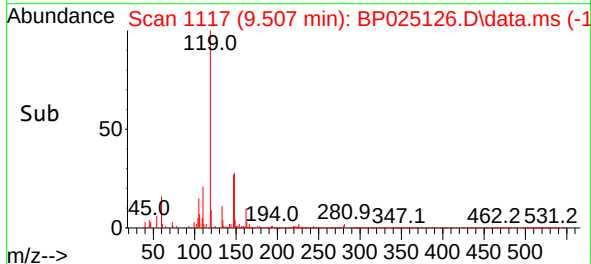
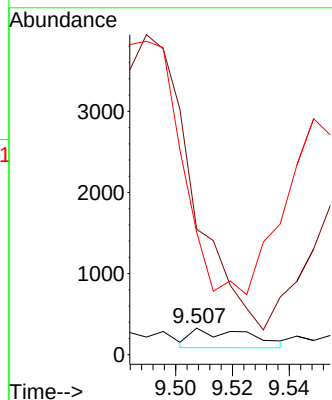
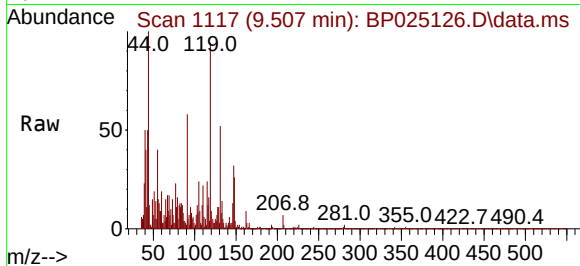




#32
Benzoic acid
Concen: 6.224 ng
RT: 9.507 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

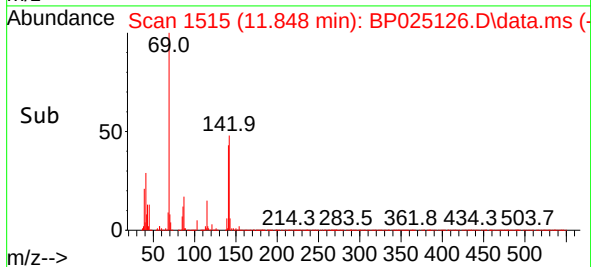
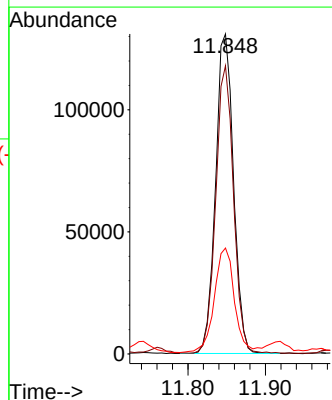
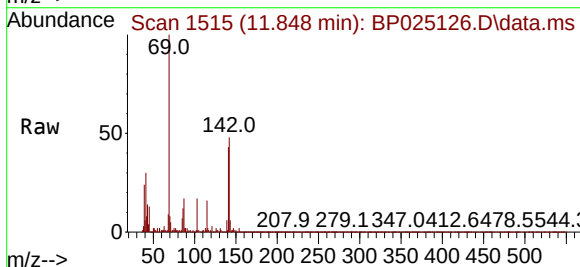
Instrument :
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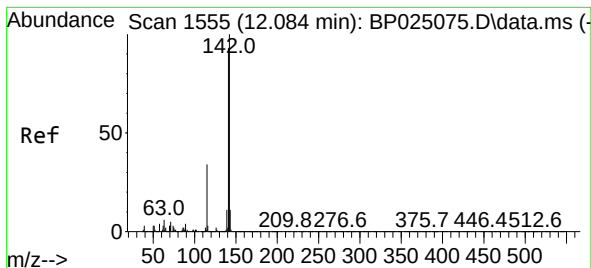
Tgt Ion:122 Resp: 332
Ion Ratio Lower Upper
122 100
105 472.8 101.0 141.0#
77 461.8 67.6 107.6#



#37
2-Methylnaphthalene
Concen: 4.257 ng
RT: 11.848 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:142 Resp: 210250
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 33.1 25.9 38.9





#38

1-Methylnaphthalene

Concen: 9.542 ng

RT: 12.078 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

Instrument :

BNA_P

ClientSampleId :

AOC-203

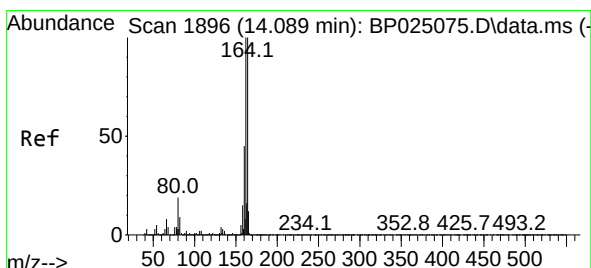
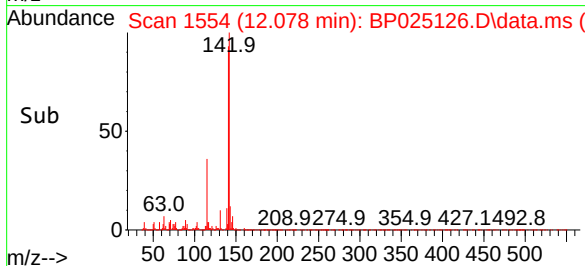
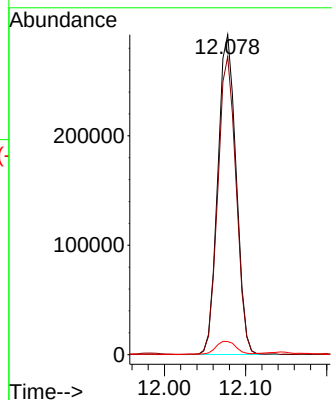
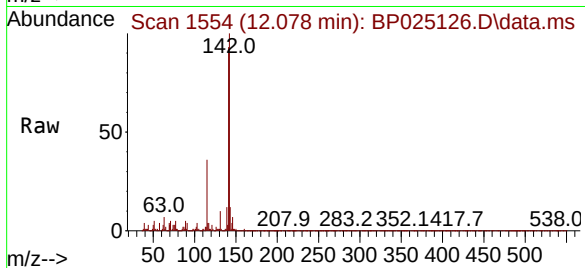
Tgt Ion:142 Resp: 459616

Ion Ratio Lower Upper

142 100

141 93.2 74.1 111.1

116 4.1 2.7 4.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.084 min Scan# 1895

Delta R.T. -0.005 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

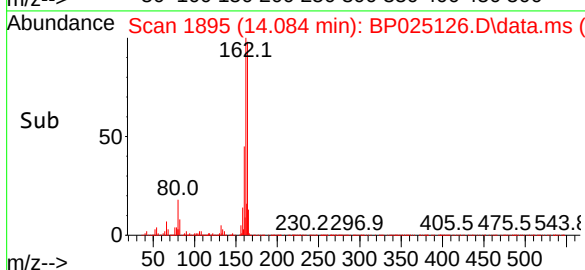
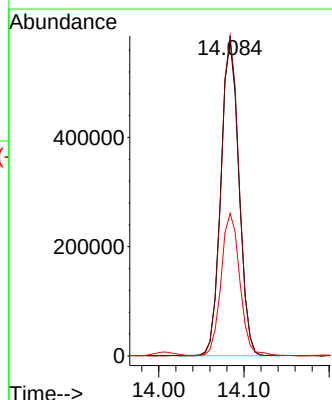
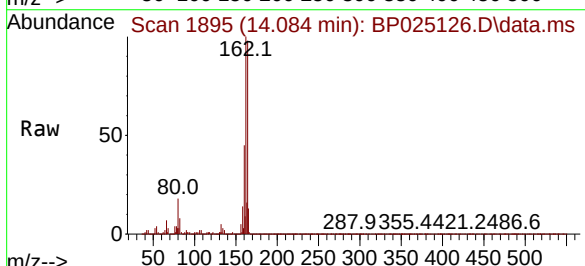
Tgt Ion:164 Resp: 848645

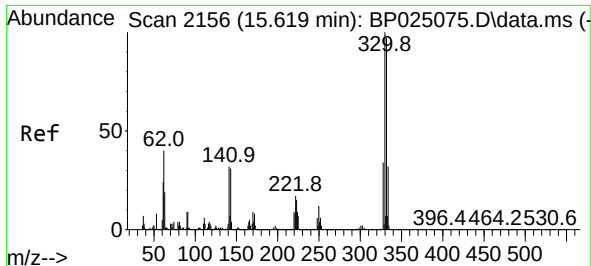
Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

160 45.4 35.9 53.9

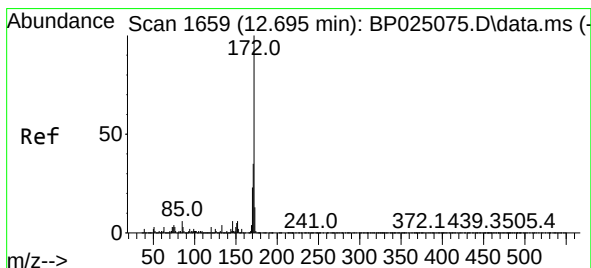
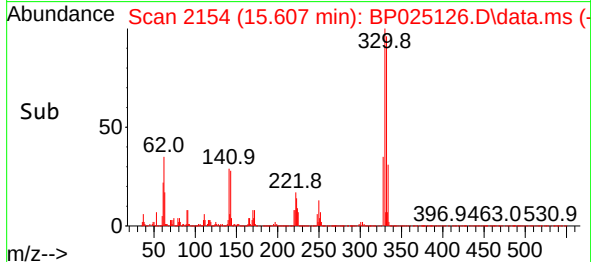
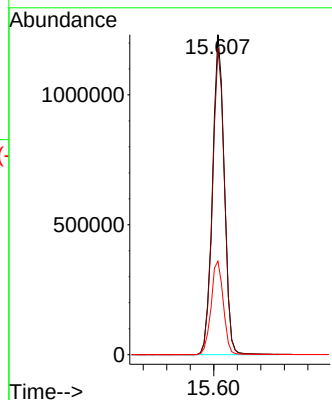
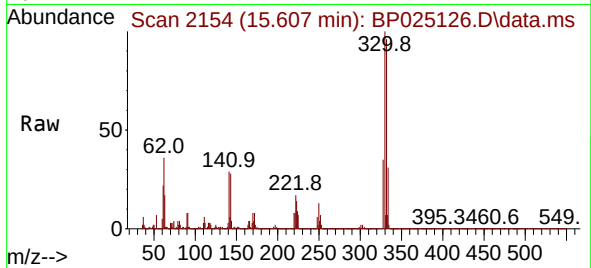




#42
2,4,6-Tribromophenol
Concen: 171.341 ng
RT: 15.607 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

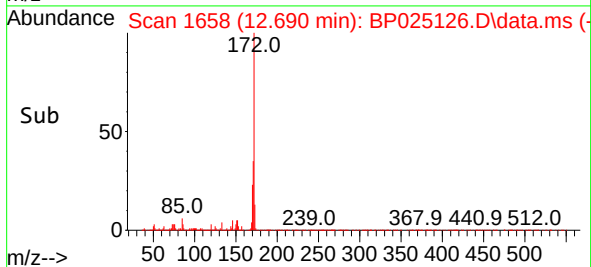
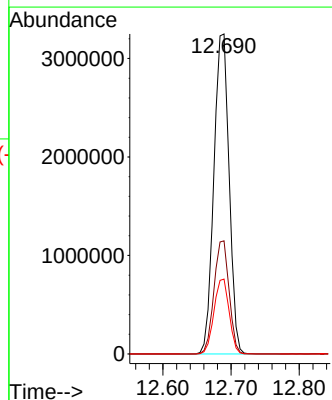
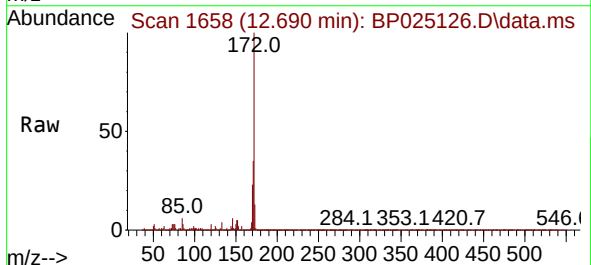
Instrument :
BNA_P
ClientSampleId :
AOC-203

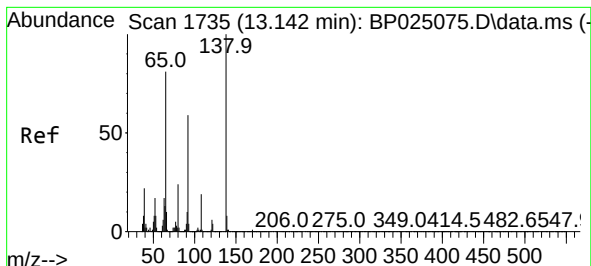
Tgt Ion:330 Resp: 1717749
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 30.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 92.359 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:172 Resp: 5059470
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 18.7 28.1





#48

2-Nitroaniline

Concen: 3.090 ng

RT: 13.107 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

Instrument :

BNA_P

ClientSampleId :

AOC-203

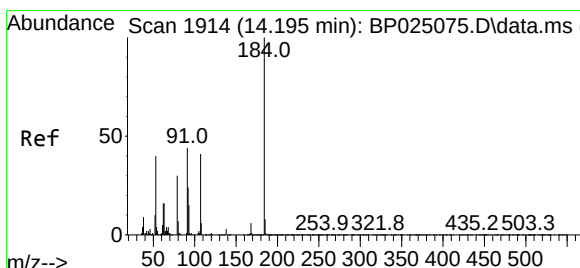
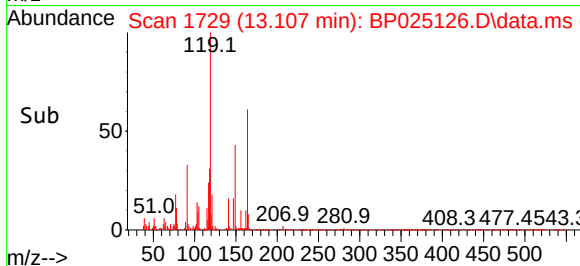
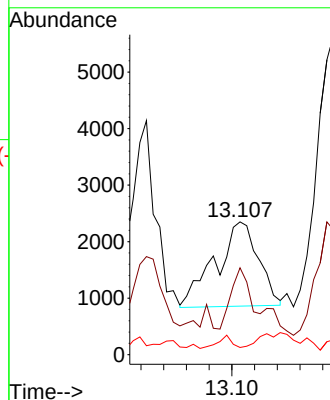
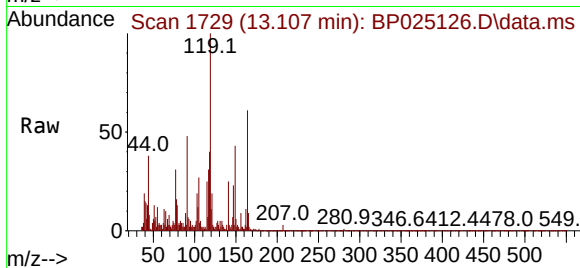
Tgt Ion: 65 Resp: 3927

Ion Ratio Lower Upper

65 100

92 65.4 58.7 88.1

138 5.4 99.0 148.4#



#54

2,4-Dinitrophenol

Concen: 5.427 ng

RT: 14.195 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

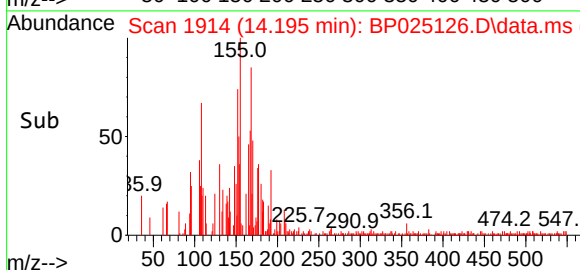
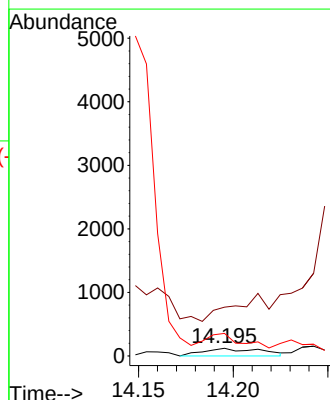
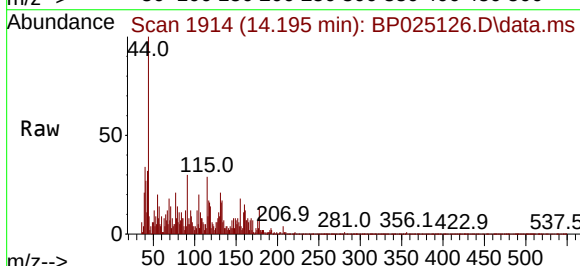
Tgt Ion: 184 Resp: 253

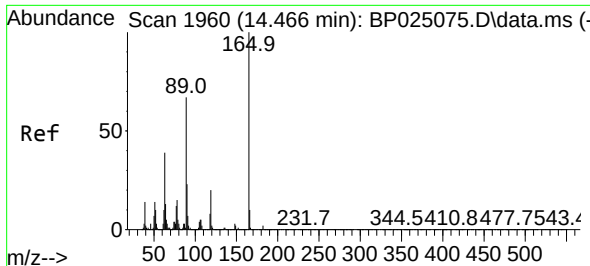
Ion Ratio Lower Upper

184 100

63 635.5 47.4 71.0#

154 293.4 47.8 71.8#

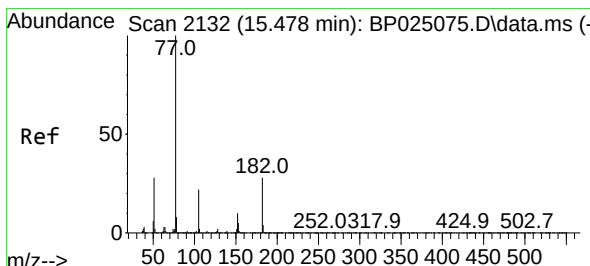
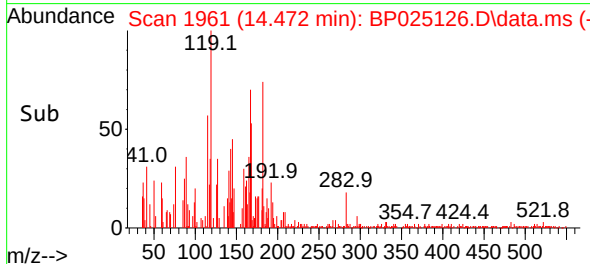
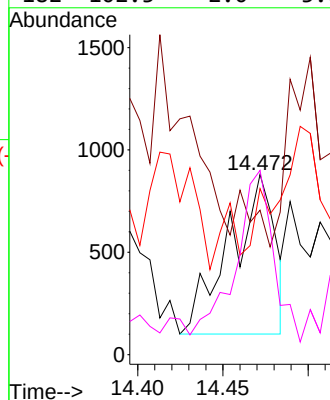
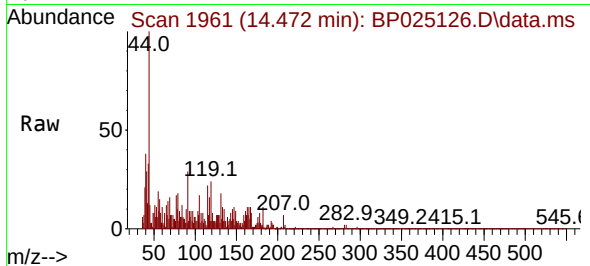




#57
2,4-Dinitrotoluene
Concen: 2.716 ng
RT: 14.472 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

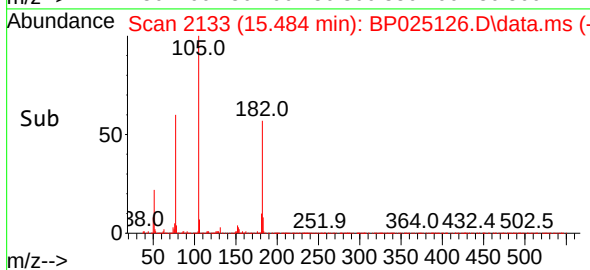
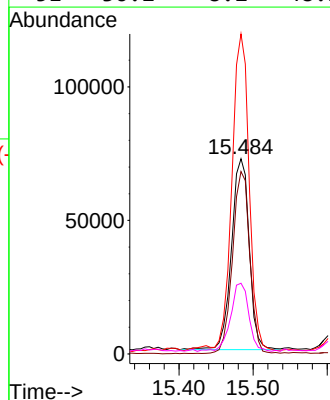
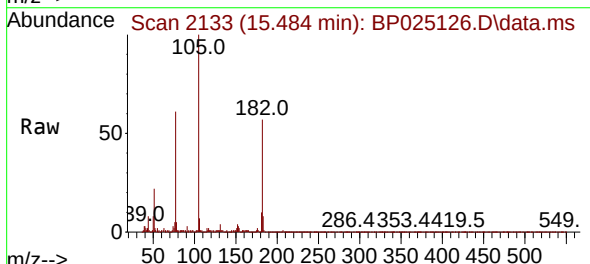
Instrument :
BNA_P
ClientSampleId :
AOC-203

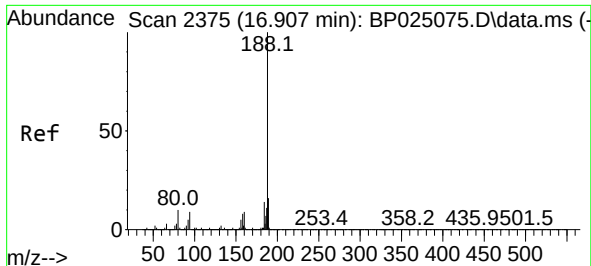
Tgt Ion:165 Resp: 1429
Ion Ratio Lower Upper
165 100
63 80.2 31.0 46.4#
89 92.2 53.4 80.0#
182 102.3 2.0 3.0#



#63
Azobenzene
Concen: 2.240 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion: 77 Resp: 119025
Ion Ratio Lower Upper
77 100
182 93.4 7.7 47.7#
105 163.9 1.9 41.9#
51 36.2 8.2 48.2

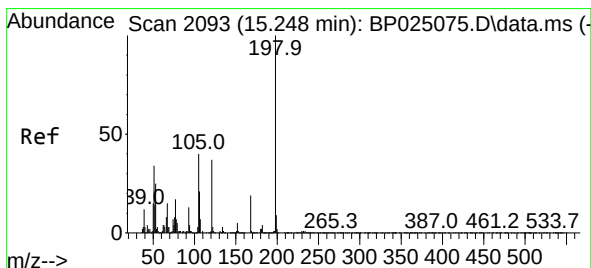
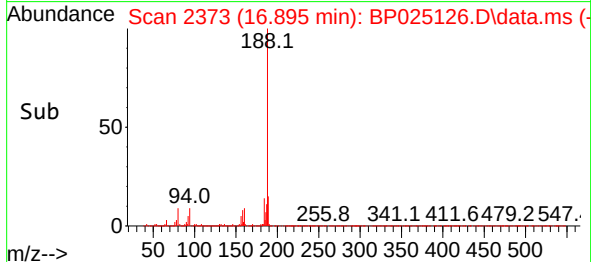
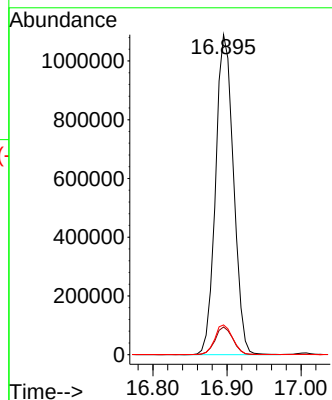
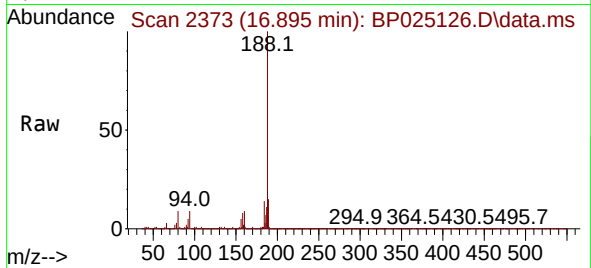




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

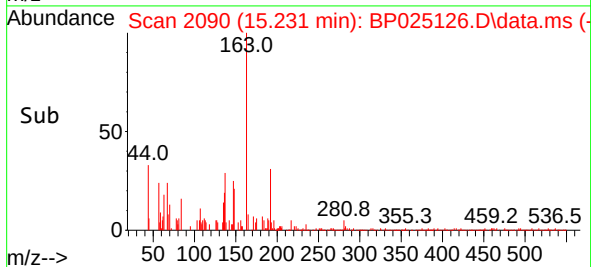
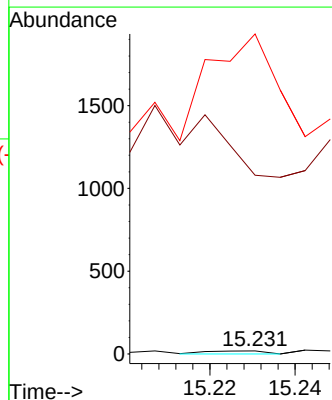
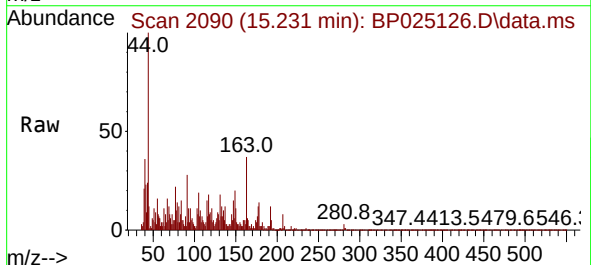
Instrument :
BNA_P
ClientSampleId :
AOC-203

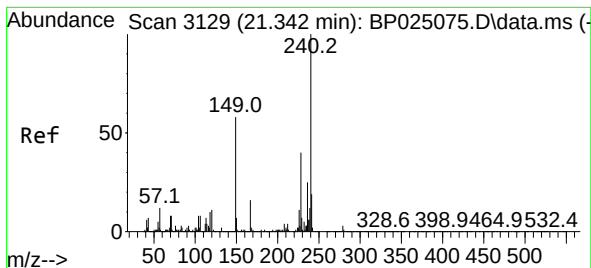
Tgt Ion:188 Resp: 1826157
Ion Ratio Lower Upper
188 100
94 8.6 7.3 10.9
80 9.3 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.581 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.017 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 4695.7 16.8 56.8#
105 8404.3 20.8 60.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

Instrument :

BNA_P

ClientSampleId :

AOC-203

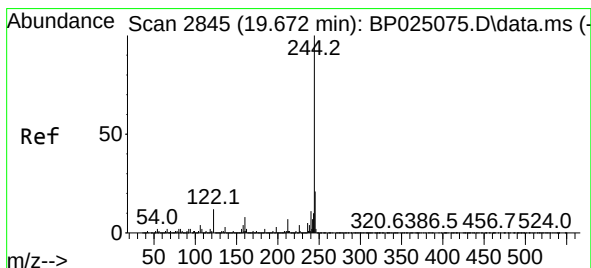
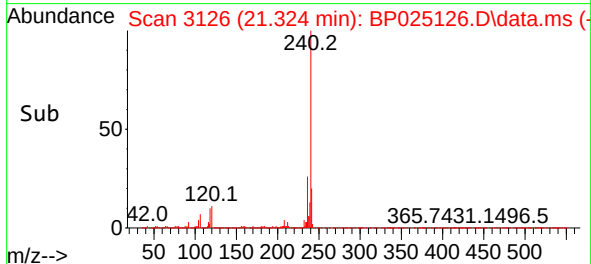
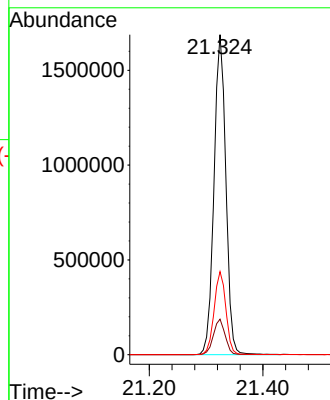
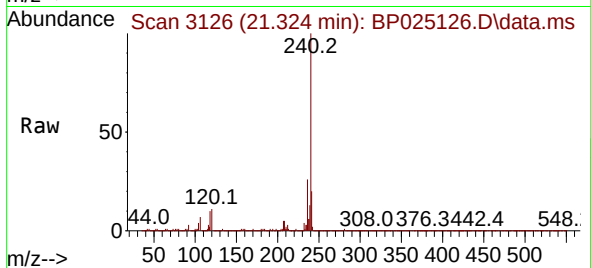
Tgt Ion:240 Resp: 2432841

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 90.117 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025126.D

Acq: 14 Jul 2025 19:09

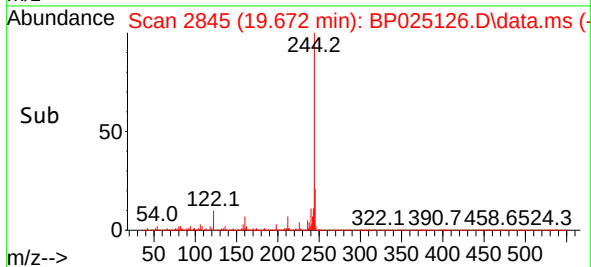
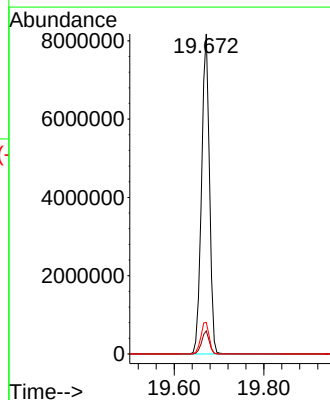
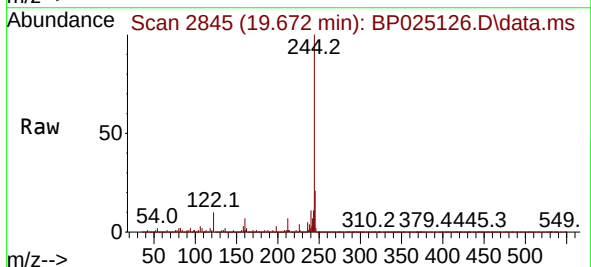
Tgt Ion:244 Resp: 9975517

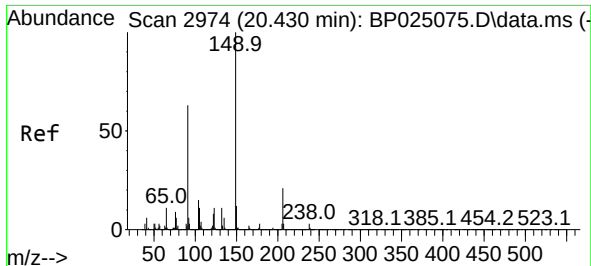
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.8 9.4 14.2

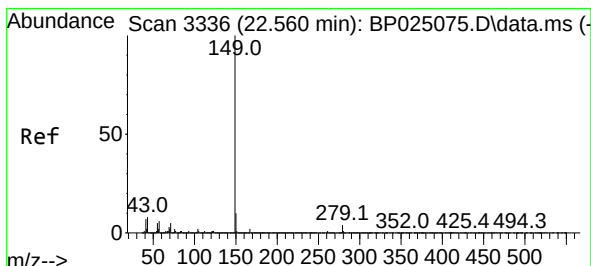
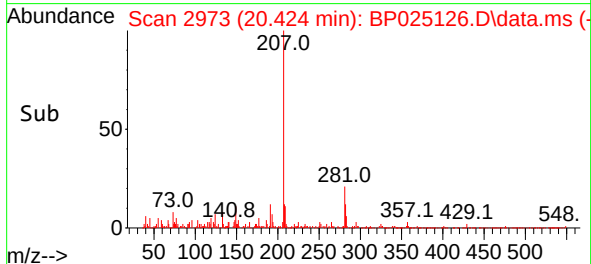
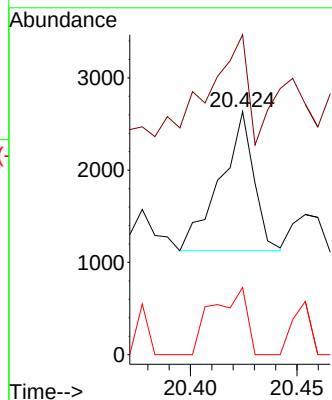
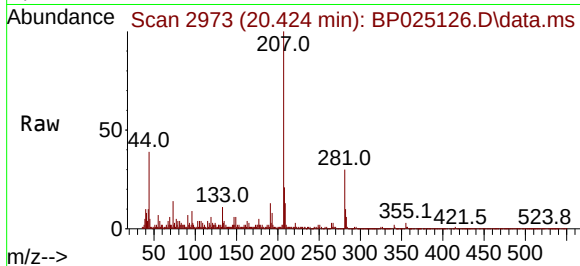




#80
Butylbenzylphthalate
Concen: 3.708 ng
RT: 20.424 min Scan# 2974
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

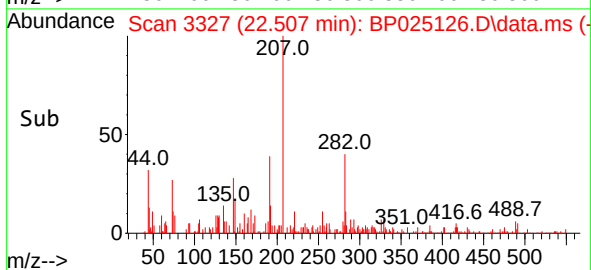
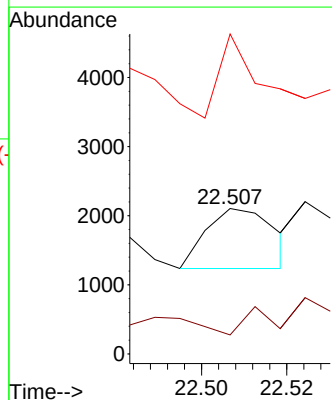
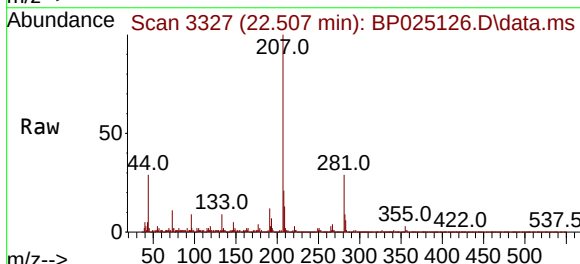
Instrument :
BNA_P
ClientSampleId :
AOC-203

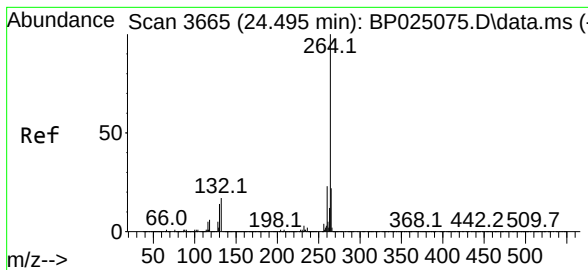
Tgt Ion:149 Resp: 1654
Ion Ratio Lower Upper
149 100
91 131.7 50.6 76.0#
206 27.7 17.2 25.8#



#85
Di-n-octyl phthalate
Concen: 6.105 ng
RT: 22.507 min Scan# 3327
Delta R.T. -0.053 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:149 Resp: 966
Ion Ratio Lower Upper
149 100
167 86.9 1.3 1.9#
43 88.8 6.9 10.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.448 min Scan# 30
 Delta R.T. -0.047 min
 Lab File: BP025126.D
 Acq: 14 Jul 2025 19:09

Instrument :
 BNA_P
 ClientSampleId :
 AOC-203

Tgt Ion:264 Resp: 2988381

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.7	26.5

