

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025374.D
 Acq On : 12 Aug 2025 20:05
 Operator : CG/JU
 Sample : Q2827-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9

Quant Time: Aug 12 23:00:57 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	222858	20.000	ng	0.00
21) Naphthalene-d8	10.584	136	783797	20.000	ng	# 0.01
39) Acenaphthene-d10	14.431	164	427974	20.000	ng	0.01
64) Phenanthrene-d10	17.237	188	814320	20.000	ng	# 0.01
76) Chrysene-d12	21.672	240	949385	20.000	ng	0.01
86) Perylene-d12	25.071	264	1150083	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	397991	28.723	ng	0.00
7) Phenol-d6	6.978	99	579663	31.787	ng	0.01
23) Nitrobenzene-d5	8.943	82	457653	32.348	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	237684	55.670	ng	0.03
45) 2-Fluorobiphenyl	13.037	172	876132	28.276	ng	0.00
79) Terphenyl-d14	19.954	244	1302725	25.917	ng	0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.908	117	336548	54.581	ng	# 1
19) n-Nitroso-di-n-propyla...	8.578	70	36686	3.062	ng	# 67
24) Nitrobenzene	8.984	77	64594	4.823	ng	# 26
25) Isophorone	9.519	82	225053	7.991	ng	# 1
26) 2-Nitrophenol	9.725	139	20550	6.894	ng	# 1
31) Naphthalene	10.637	128	172253	4.233	ng	# 23
32) Benzoic acid	9.884	122	911	6.094	ng	# 1
33) 4-Chloroaniline	10.702	127	61736	3.411	ng	# 1
35) Caprolactam	11.455	113	17315	3.927	ng	# 1
37) 2-Methylnaphthalene	12.249	142	144536	5.488	ng	# 80
38) 1-Methylnaphthalene	12.466	142	168316	6.125	ng	# 81
48) 2-Nitroaniline	13.460	65	19980	5.623	ng	# 46
49) Acenaphthylene	14.160	152	359962	8.968	ng	# 17
51) 2,6-Dinitrotoluene	14.001	165	42834	7.443	ng	# 1
52) Acenaphthene	14.501	154	665188	27.170	ng	94
53) 3-Nitroaniline	14.284	138	30357	4.508	ng	# 34
54) 2,4-Dinitrophenol	14.560	184	4207	4.607	ng	# 1
55) Dibenzofuran	14.843	168	646453	17.670	ng	# 18
56) 4-Nitrophenol	14.660	139	303498	51.068	ng	# 59
57) 2,4-Dinitrotoluene	14.801	165	41183	7.558	ng	# 65
58) Fluorene	15.501	166	1308050	45.521	ng	# 88
62) 4-Nitroaniline	15.501	138	18032	2.703	ng	# 86
63) Azobenzene	15.813	77	127868	4.376	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.560	198	8332	7.544	ng	# 1
66) n-Nitrosodiphenylamine	15.690	169	536704	21.646	ng	# 68
69) Atrazine	16.690	200	36517	4.188	ng	# 61
71) Phenanthrene	17.284	178	5610693	125.797	ng	97
72) Anthracene	17.284	178	5610693	124.761	ng	97
73) Carbazole	17.648	167	116086	2.689	ng	# 1
75) Fluoranthene	19.378	202	4228458	81.897	ng	97
78) Pyrene	19.748	202	4343384	68.798	ng	98
81) Benzo(a)anthracene	21.654	228	1900086	30.117	ng	98
83) Chrysene	21.725	228	1718088	29.361	ng	97
84) Bis(2-ethylhexyl)phtha...	21.607	149	4624693	113.117	ng	98
85) Di-n-octyl phthalate	22.907	149	357374	5.222	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.930	276	1013321	12.293	ng	# 91

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QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

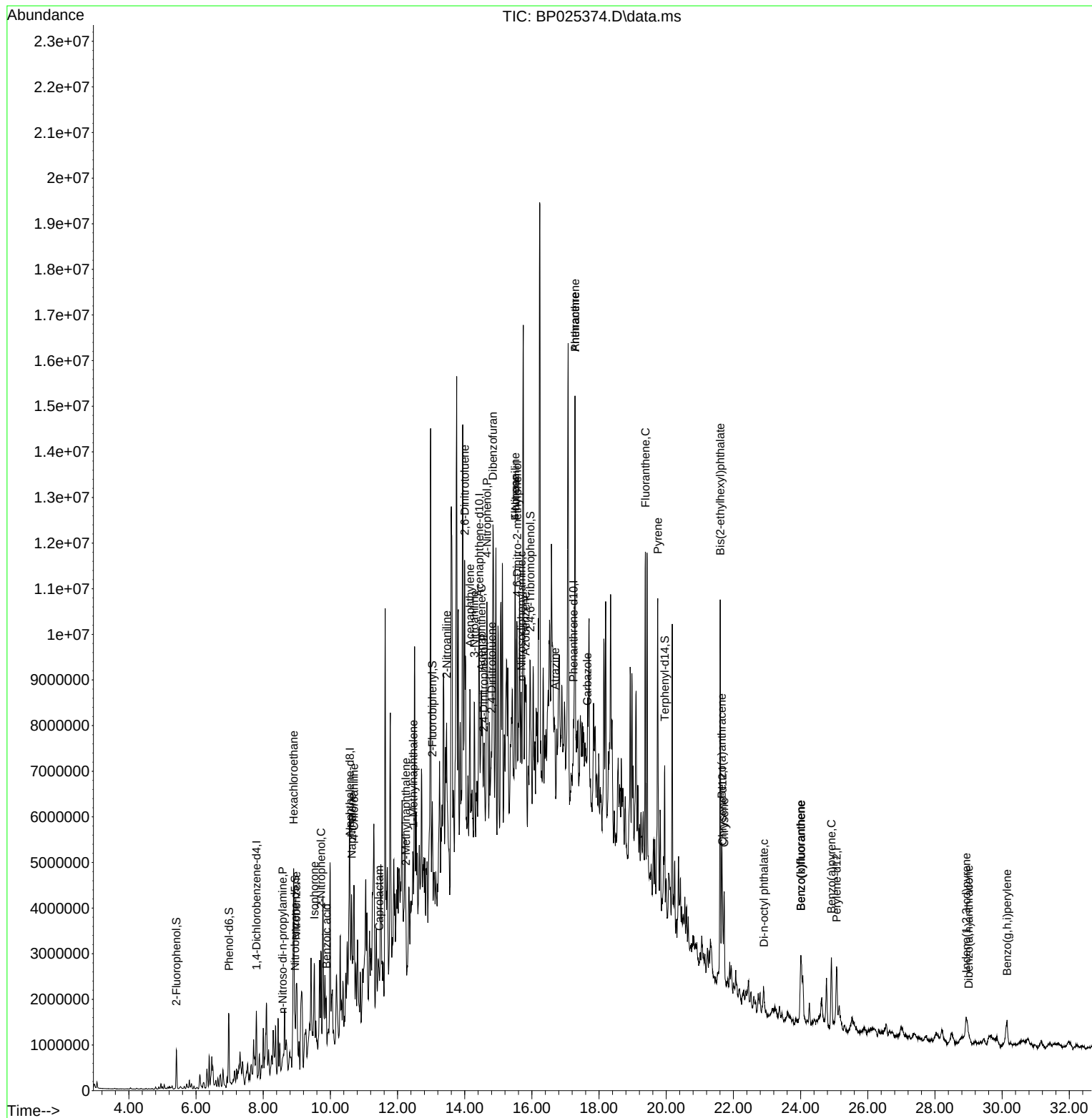
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	24.007	252	1966146	28.559	ng	97
89) Benzo(k)fluoranthene	24.007	252	1966146	28.809	ng	97
90) Benzo(a)pyrene	24.919	252	1560393	23.535	ng	98
91) Dibenzo(a,h)anthracene	29.007	278	276139	4.090	ng	94
92) Benzo(g,h,i)perylene	30.148	276	960467	14.496	ng	99

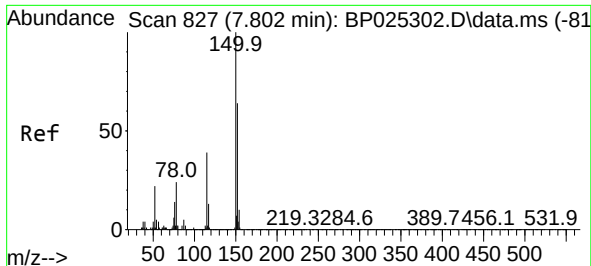
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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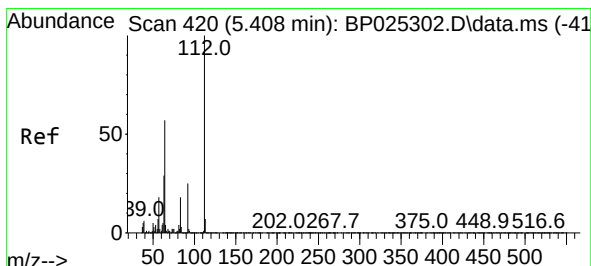
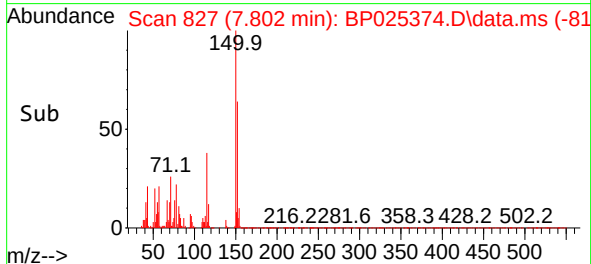
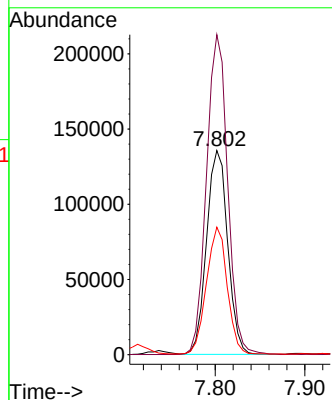
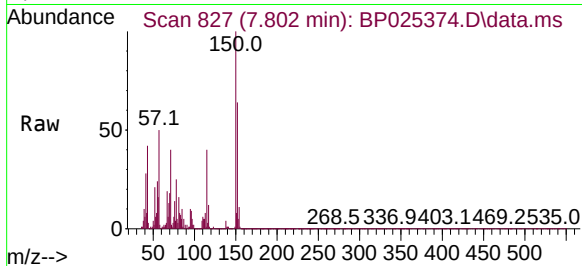




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025374.D
 Acq: 12 Aug 2025 20:05

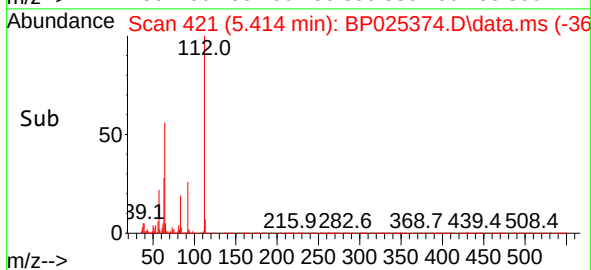
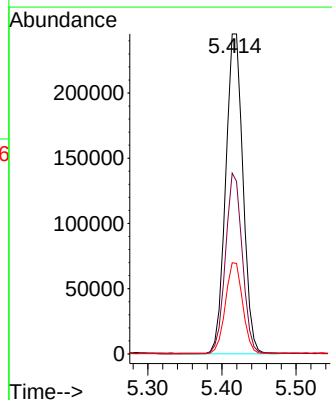
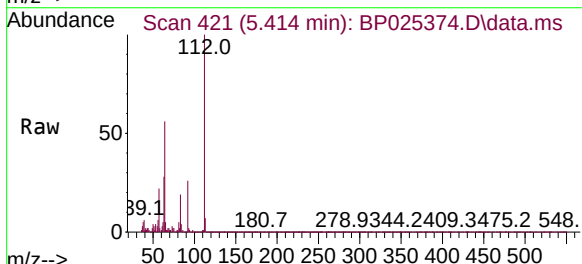
Instrument :
 BNA_P
 ClientSampleId :
 TP-9

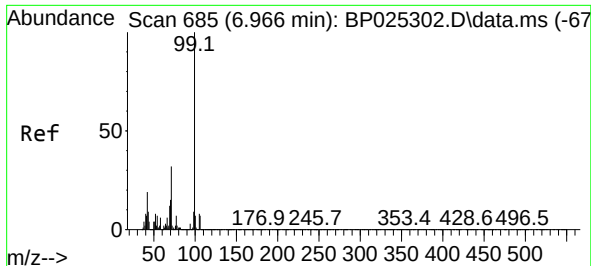
Tgt Ion:152 Resp: 222858
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.1 187.7
 115 62.4 48.4 72.6



#5
 2-Fluorophenol
 Concen: 28.723 ng
 RT: 5.414 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: BP025374.D
 Acq: 12 Aug 2025 20:05

Tgt Ion:112 Resp: 397991
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.3 67.9
 63 28.5 23.0 34.6

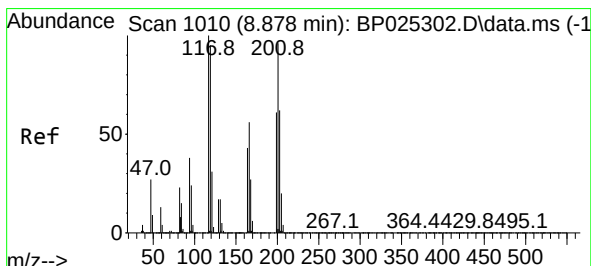
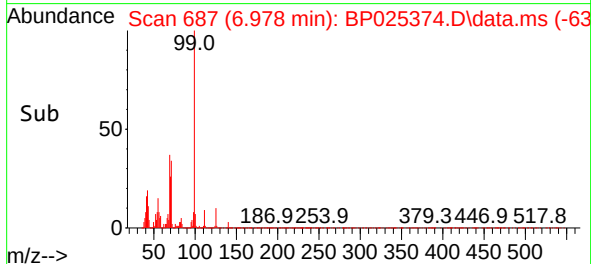
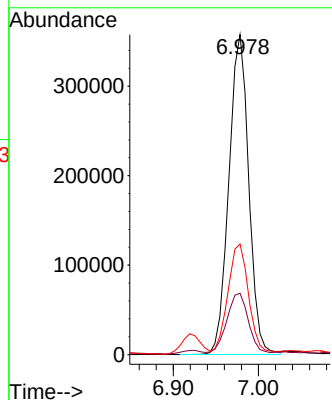
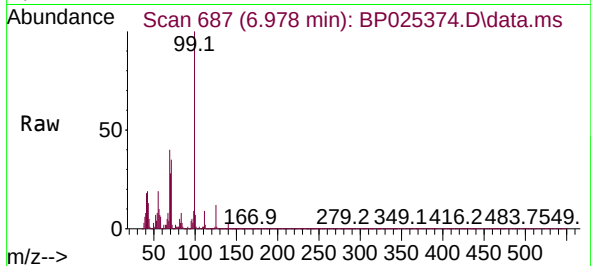




#7
Phenol-d6
Concen: 31.787 ng
RT: 6.978 min Scan# 685
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

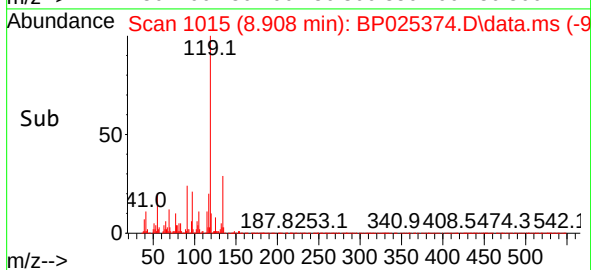
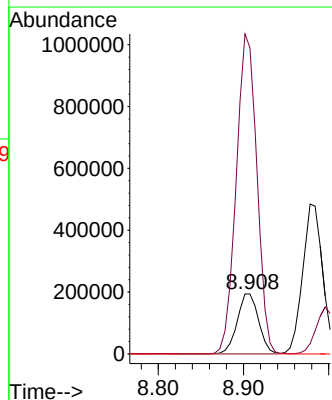
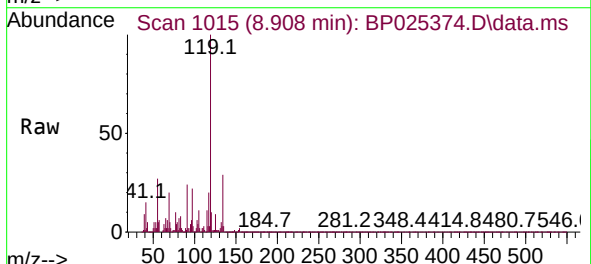
Instrument :
BNA_P
ClientSampleId :
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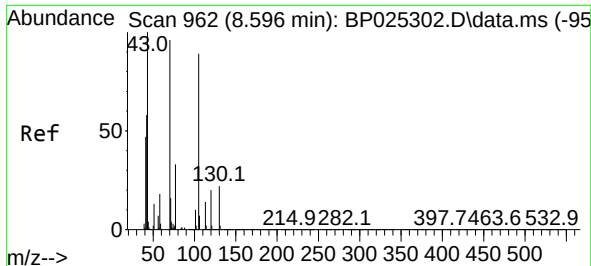
Tgt Ion: 99 Resp: 579663
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.6
71 34.6 25.5 38.3



#18
Hexachloroethane
Concen: 54.581 ng
RT: 8.908 min Scan# 1015
Delta R.T. 0.030 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion: 117 Resp: 336548
Ion Ratio Lower Upper
117 100
119 510.2 75.8 113.8#
201 0.0 76.6 114.8#

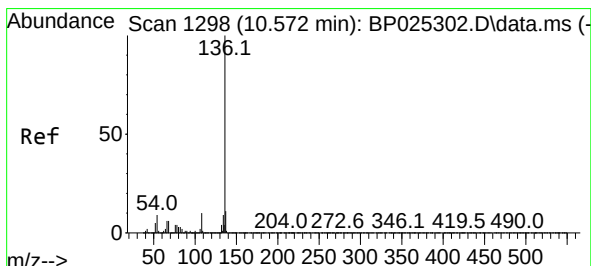
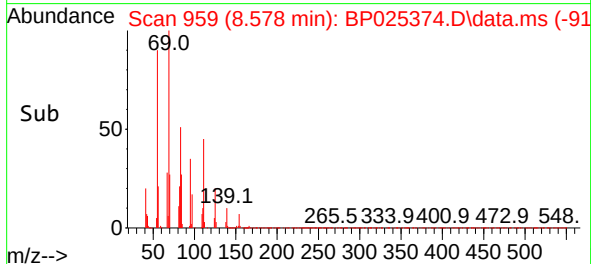
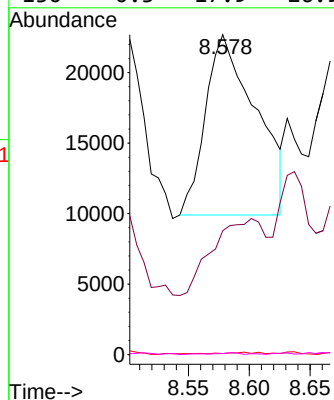
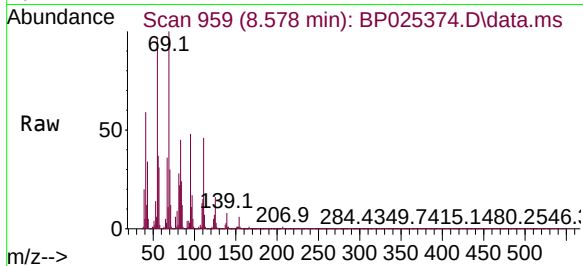




#19
n-Nitroso-di-n-propylamine
Concen: 3.062 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

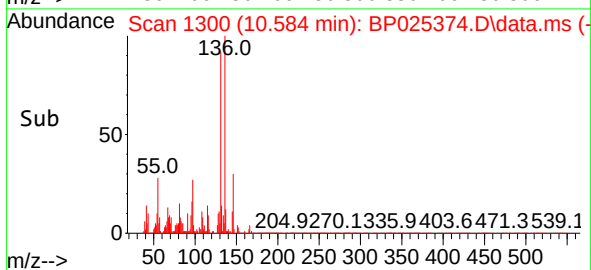
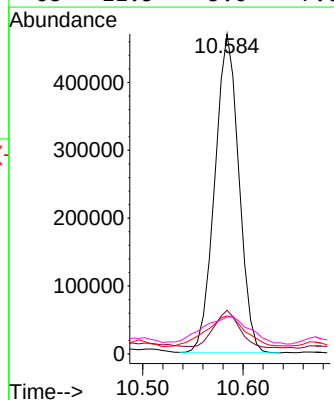
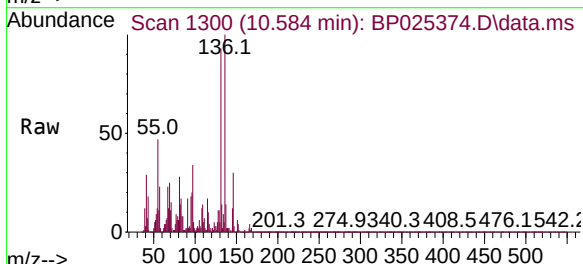
Instrument :
BNA_P
ClientSampleId :
TP-9

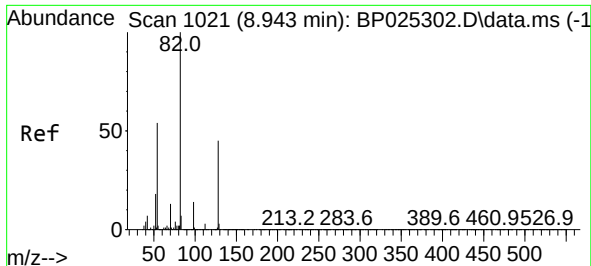
Tgt Ion: 70 Resp: 36686
Ion Ratio Lower Upper
70 100
42 38.7 49.4 74.0#
101 0.3 7.9 11.9#
130 0.3 17.9 26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.584 min Scan# 1300
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion: 136 Resp: 783797
Ion Ratio Lower Upper
136 100
137 13.6 8.9 13.3#
54 11.8 7.0 10.6#
68 11.5 5.0 7.6#

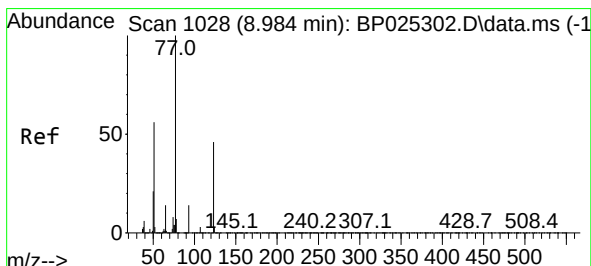
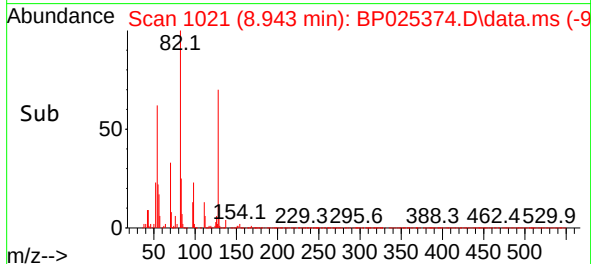
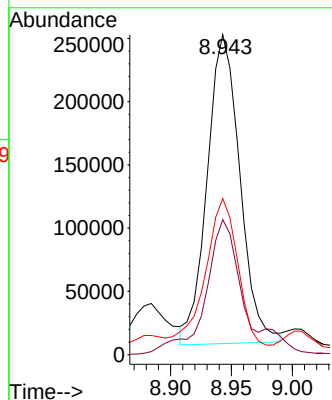
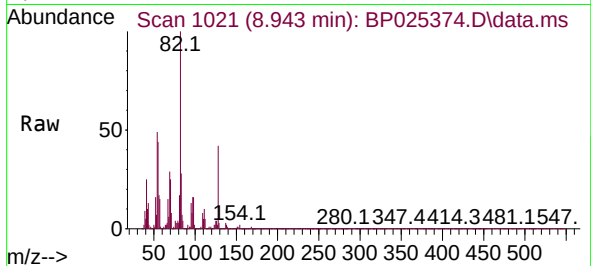




#23
Nitrobenzene-d5
Concen: 32.348 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

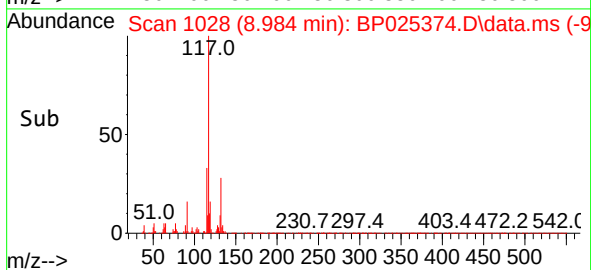
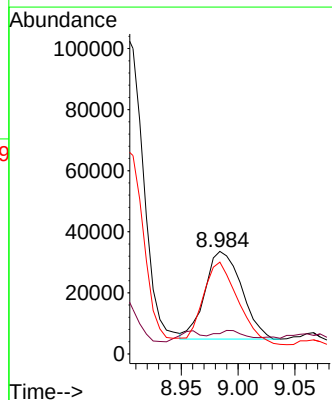
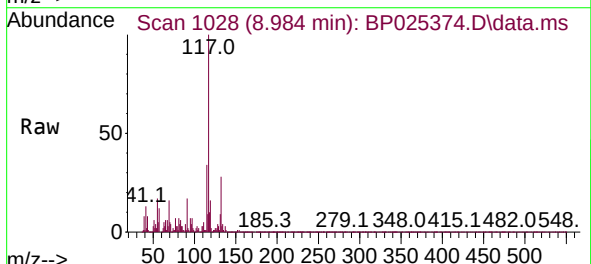
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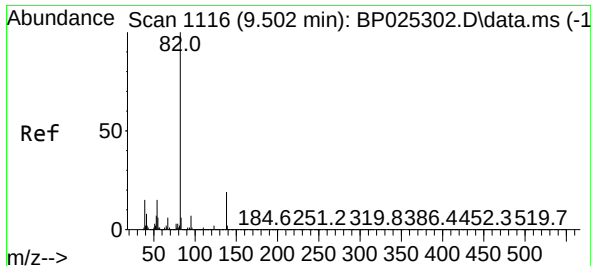
Tgt Ion: 82 Resp: 457653
Ion Ratio Lower Upper
82 100
128 42.2 35.4 53.2
54 48.8 42.9 64.3



#24
Nitrobenzene
Concen: 4.823 ng
RT: 8.984 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion: 77 Resp: 64594
Ion Ratio Lower Upper
77 100
123 19.8 37.4 56.2#
65 89.6 11.1 16.7#

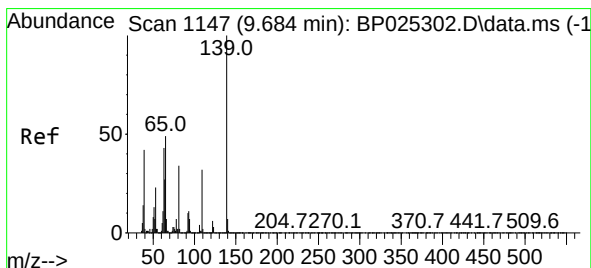
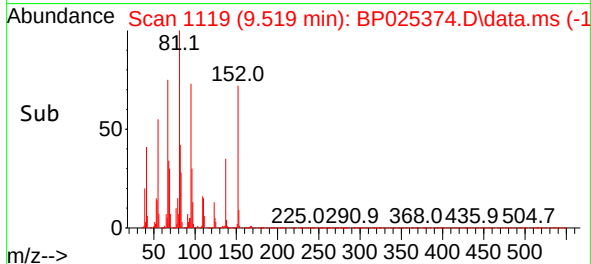
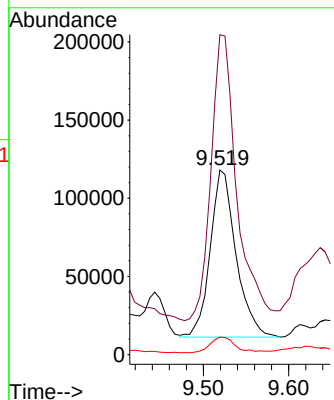
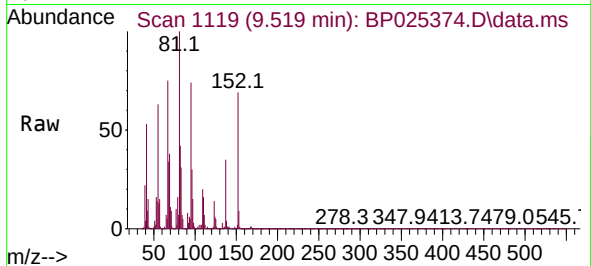




#25
Isophorone
Concen: 7.991 ng
RT: 9.519 min Scan# 1119
Delta R.T. 0.017 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

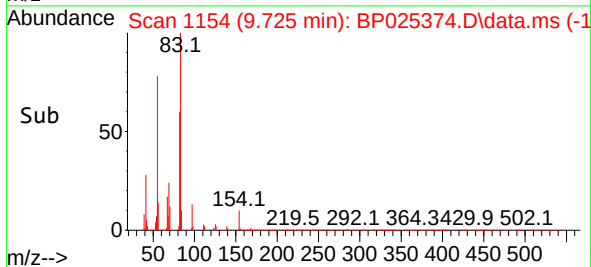
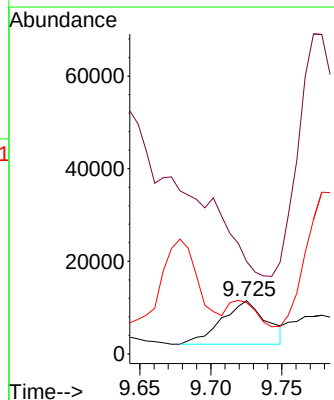
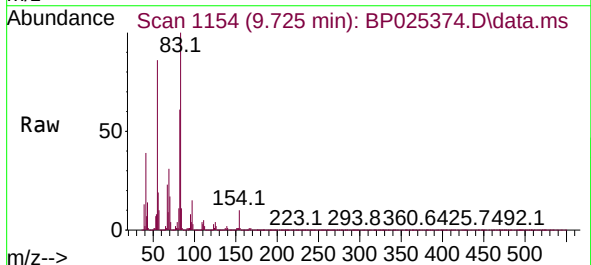
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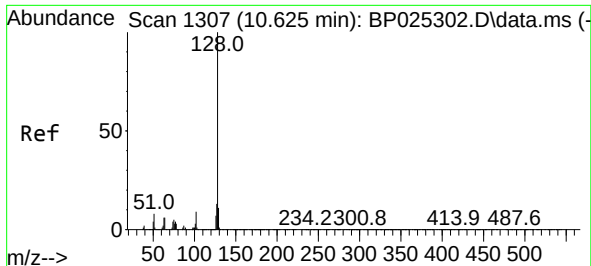
Tgt Ion: 82 Resp: 225053
Ion Ratio Lower Upper
82 100
95 173.3 5.7 8.5#
138 9.5 15.0 22.6#



#26
2-Nitrophenol
Concen: 6.894 ng
RT: 9.725 min Scan# 1154
Delta R.T. 0.041 min
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Acq: 12 Aug 2025 20:05

Tgt Ion: 139 Resp: 20550
Ion Ratio Lower Upper
139 100
109 173.7 25.2 37.8#
65 96.3 39.6 59.4#

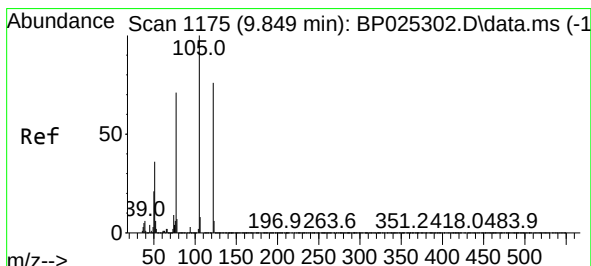
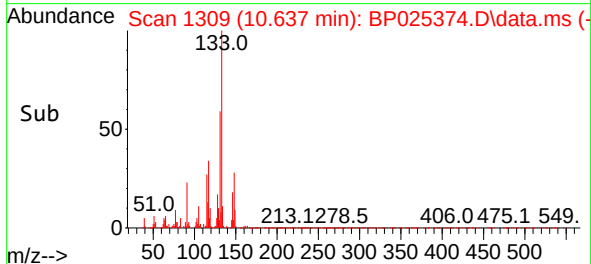
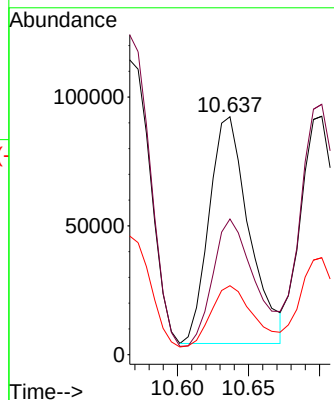
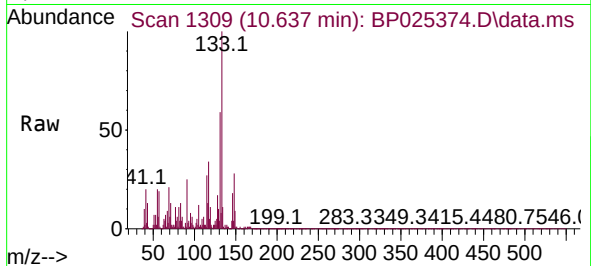




#31
Naphthalene
Concen: 4.233 ng
RT: 10.637 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

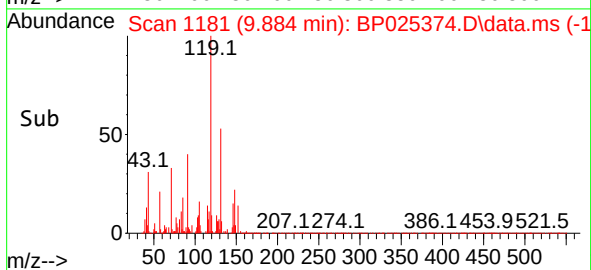
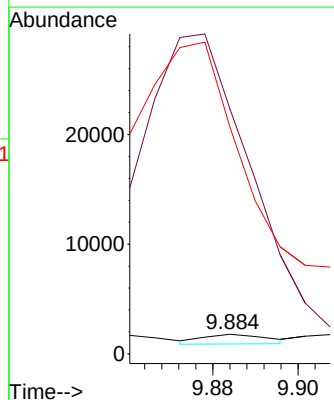
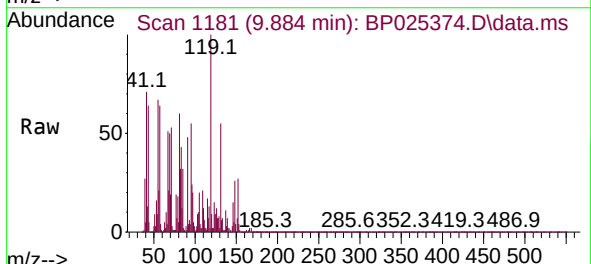
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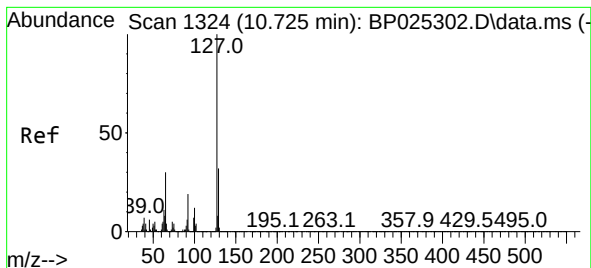
Tgt Ion:128 Resp: 172253
Ion Ratio Lower Upper
128 100
129 57.0 8.9 13.3#
127 28.9 10.4 15.6#



#32
Benzoic acid
Concen: 6.094 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.035 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:122 Resp: 911
Ion Ratio Lower Upper
122 100
105 1250.2 104.0 144.0#
77 1157.9 71.8 111.8#





#33

4-Chloroaniline

Concen: 3.411 ng

RT: 10.702 min Scan# 1320

Delta R.T. -0.023 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:127 Resp: 61736

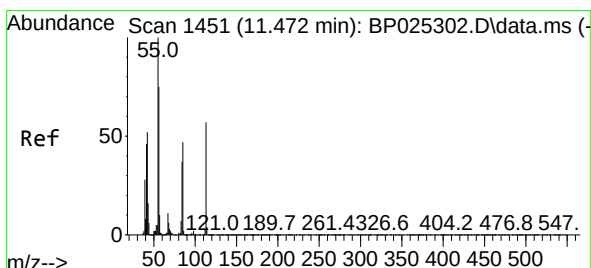
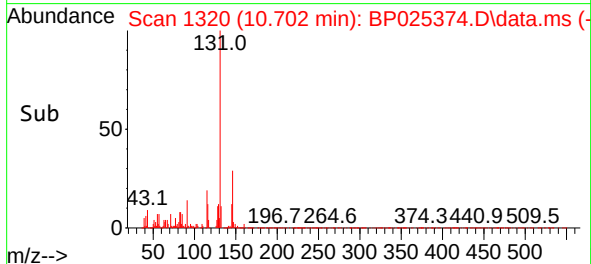
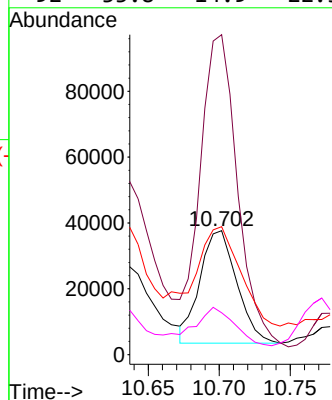
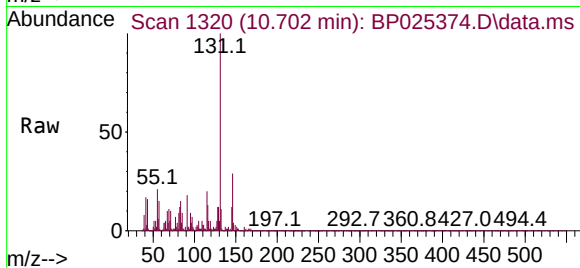
Ion Ratio Lower Upper

127 100

129 258.4 25.8 38.6#

65 103.3 23.6 35.4#

92 33.8 14.9 22.3#



#35

Caprolactam

Concen: 3.927 ng

RT: 11.455 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

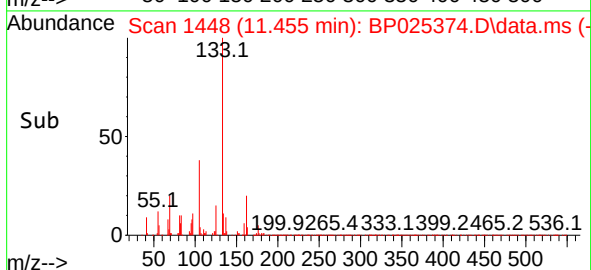
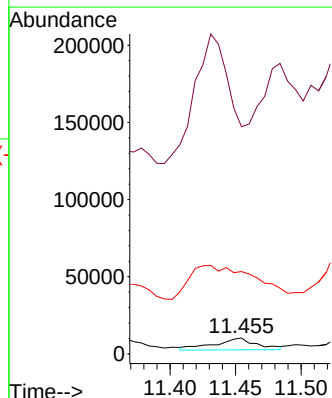
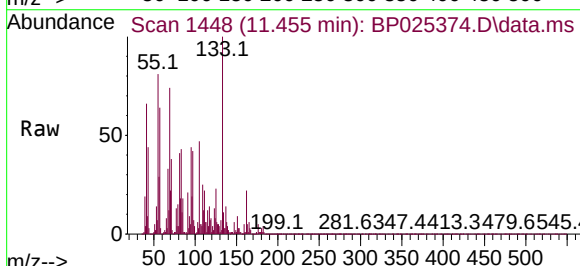
Tgt Ion:113 Resp: 17315

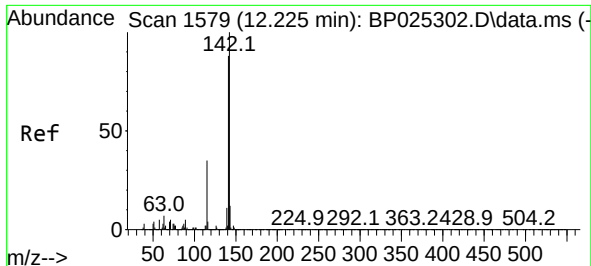
Ion Ratio Lower Upper

113 100

55 1420.8 154.4 194.4#

56 515.2 110.9 150.9#

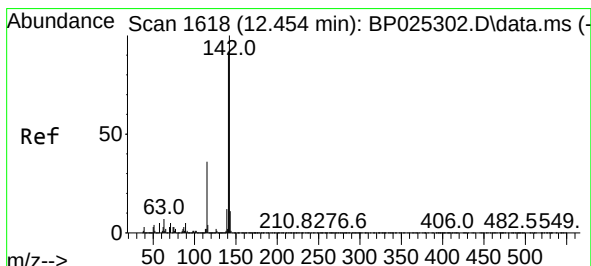
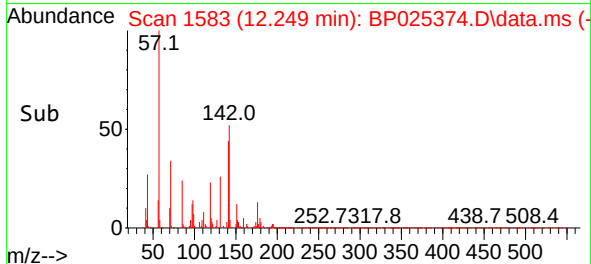
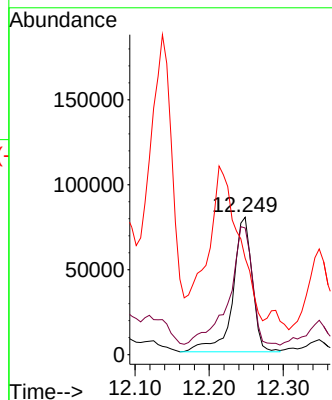
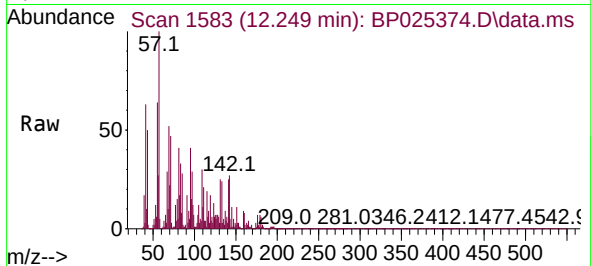




#37
2-Methylnaphthalene
Concen: 5.488 ng
RT: 12.249 min Scan# 11
Delta R.T. 0.024 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

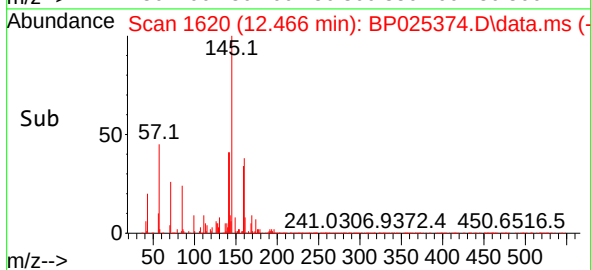
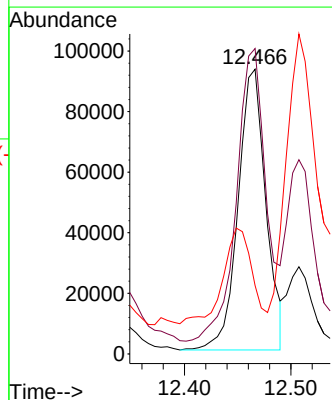
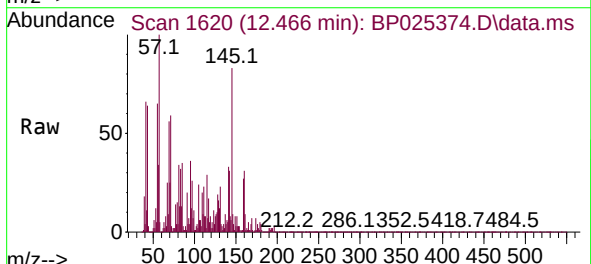
Instrument :
BNA_P
ClientSampleId :
TP-9

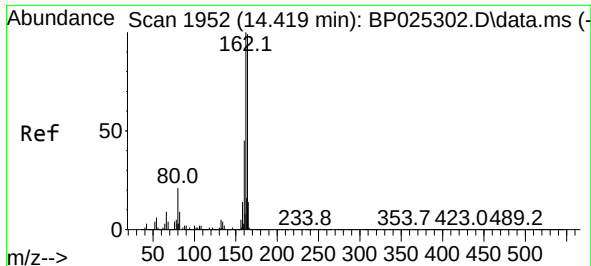
Tgt Ion:142 Resp: 144536
Ion Ratio Lower Upper
142 100
141 92.2 70.4 105.6
115 70.2 28.0 42.0#



#38
1-Methylnaphthalene
Concen: 6.125 ng
RT: 12.466 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:142 Resp: 168316
Ion Ratio Lower Upper
142 100
141 107.2 73.0 109.6
116 24.0 3.0 4.6#

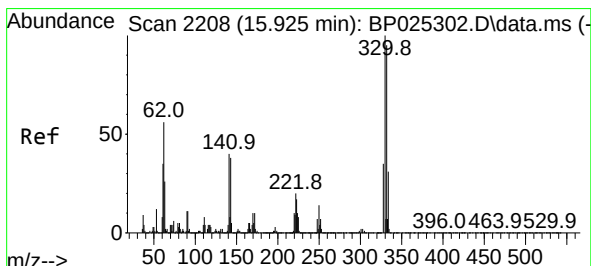
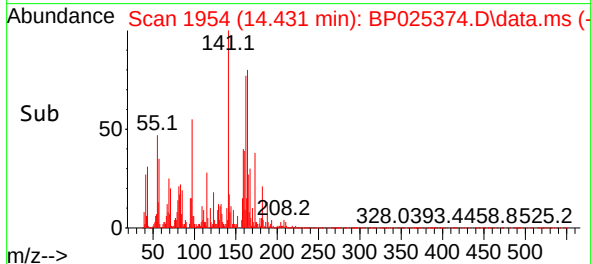
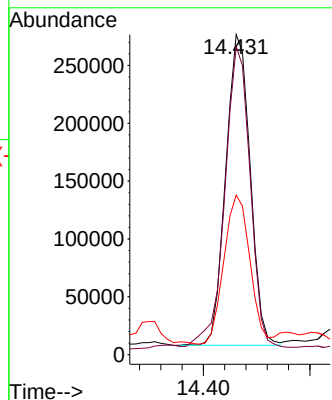
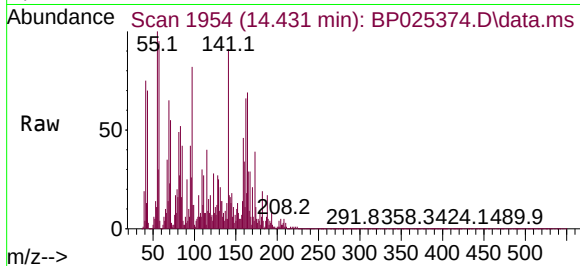




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

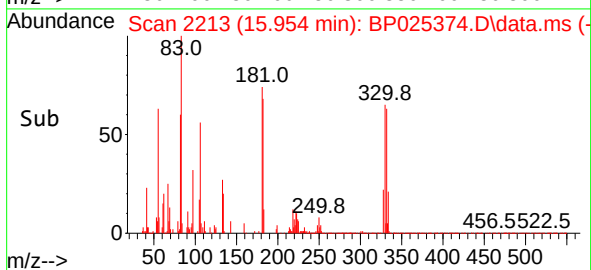
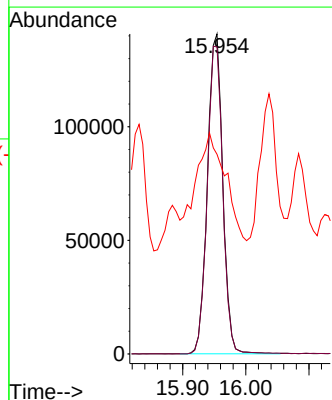
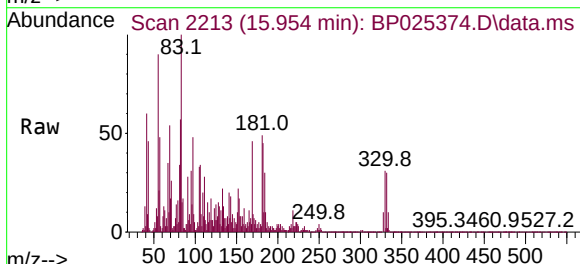
Instrument :
BNA_P
ClientSampleId :
TP-9

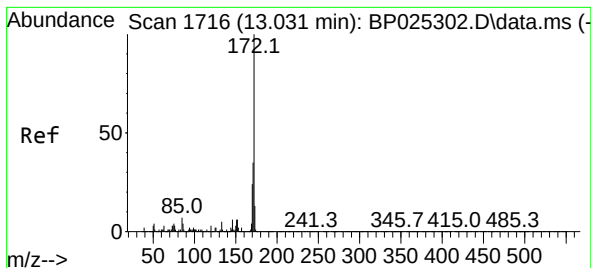
Tgt Ion:164 Resp: 427974
Ion Ratio Lower Upper
164 100
162 96.2 80.6 120.8
160 49.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 55.670 ng
RT: 15.954 min Scan# 2213
Delta R.T. 0.029 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:330 Resp: 237684
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 63.4 31.7 47.5#





#45

2-Fluorobiphenyl

Concen: 28.276 ng

RT: 13.037 min Scan# 1716

Delta R.T. 0.006 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

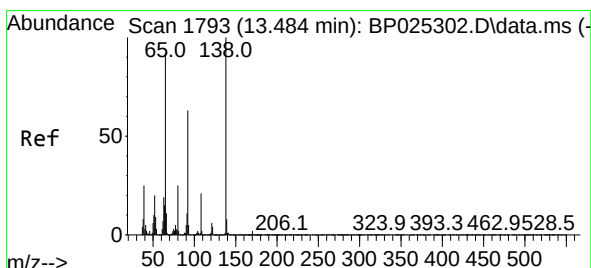
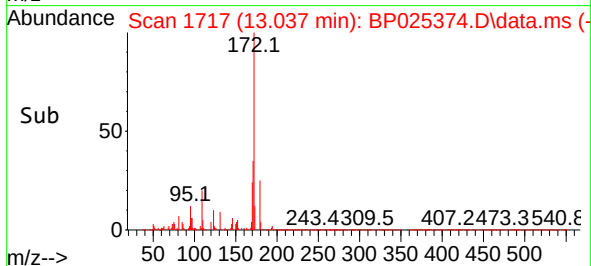
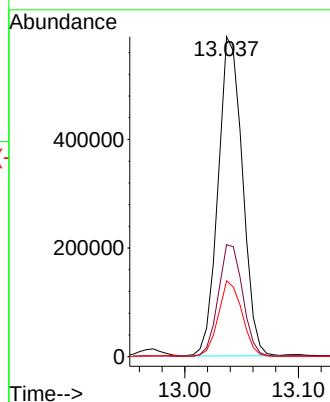
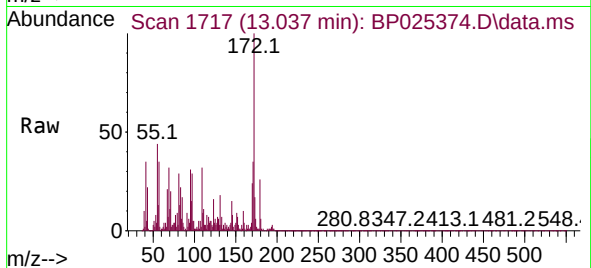
Tgt Ion:172 Resp: 876132

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.7 18.9 28.3



#48

2-Nitroaniline

Concen: 5.623 ng

RT: 13.460 min Scan# 1789

Delta R.T. -0.024 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

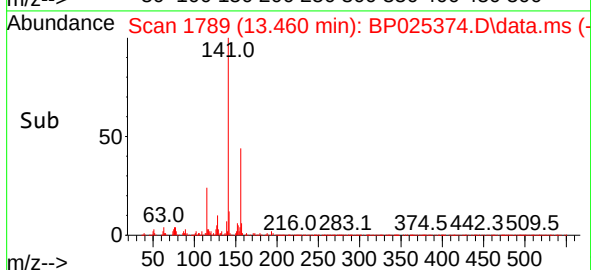
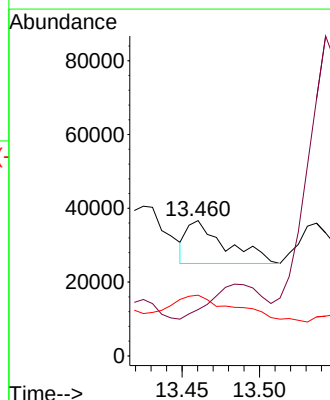
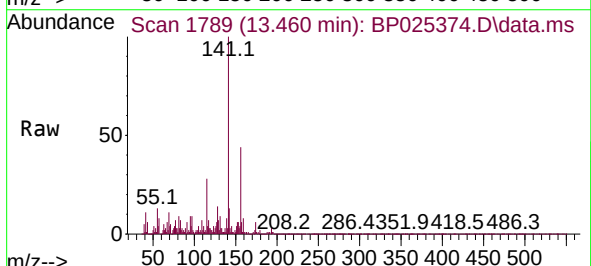
Tgt Ion: 65 Resp: 19980

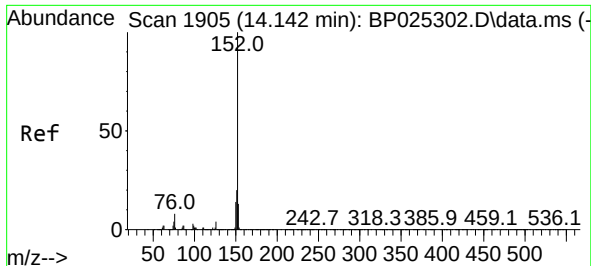
Ion Ratio Lower Upper

65 100

92 34.2 54.4 81.6#

138 44.9 87.0 130.4#

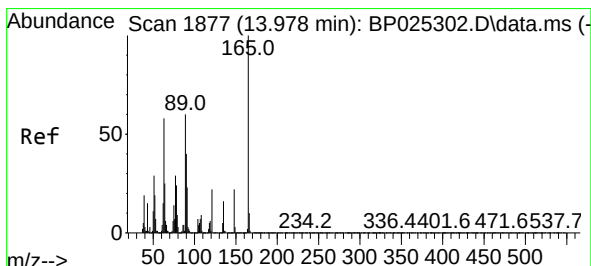
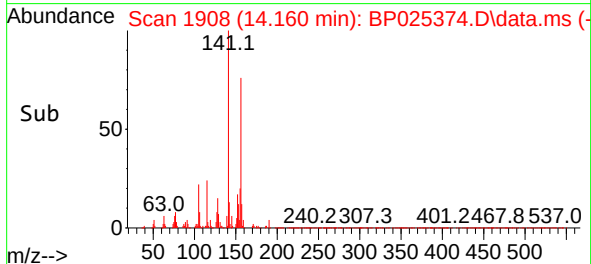
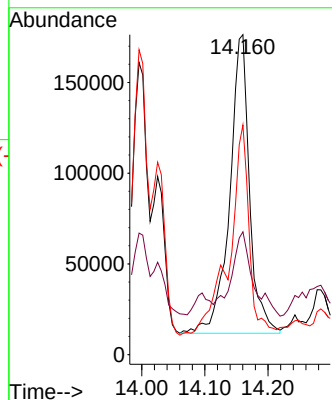
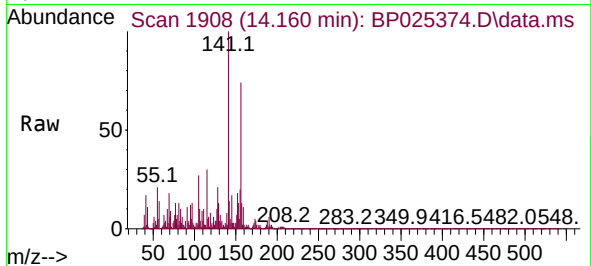




#49
Acenaphthylene
Concen: 8.968 ng
RT: 14.160 min Scan# 1905
Delta R.T. 0.018 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

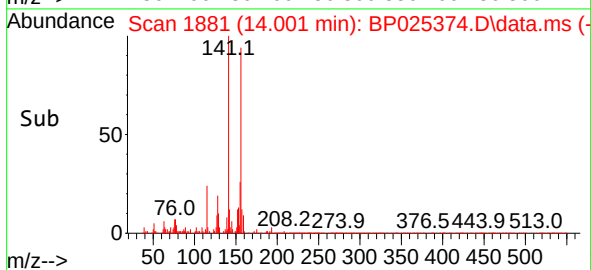
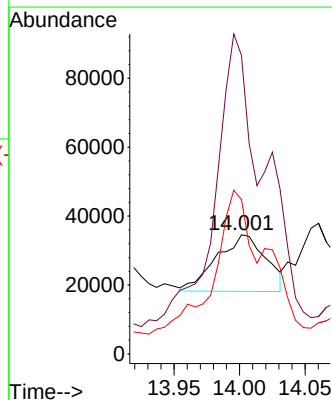
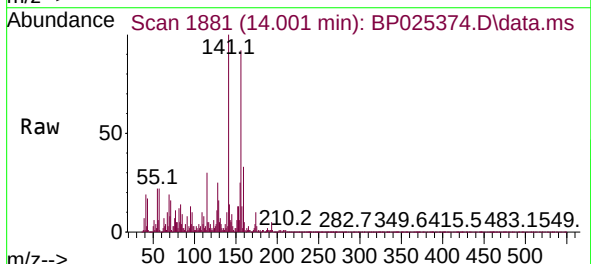
Instrument :
BNA_P
ClientSampleId :
TP-9

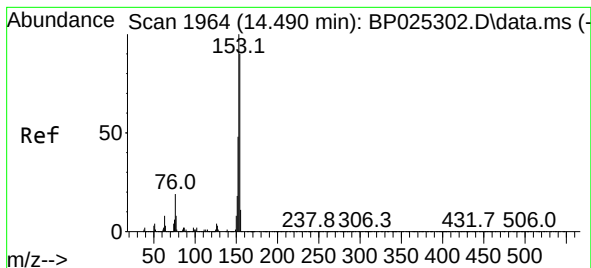
Tgt Ion:152 Resp: 359962
Ion Ratio Lower Upper
152 100
151 38.4 15.8 23.6#
153 71.8 10.4 15.6#



#51
2,6-Dinitrotoluene
Concen: 7.443 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.023 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:165 Resp: 42834
Ion Ratio Lower Upper
165 100
63 250.5 47.6 71.4#
89 129.6 47.8 71.8#





#52

Acenaphthene

Concen: 27.170 ng

RT: 14.501 min Scan# 1966

Delta R.T. 0.011 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

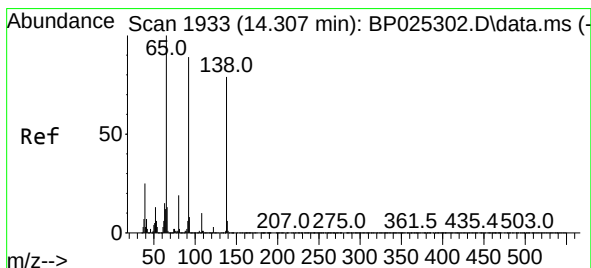
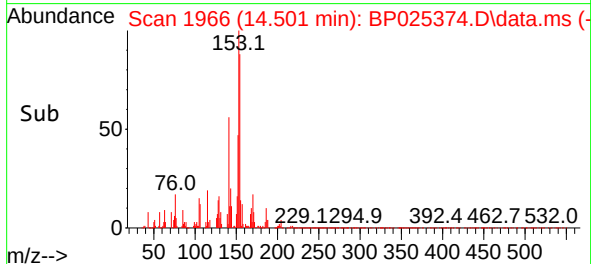
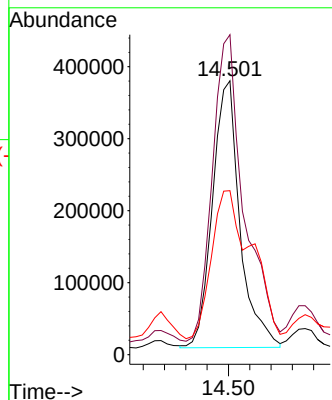
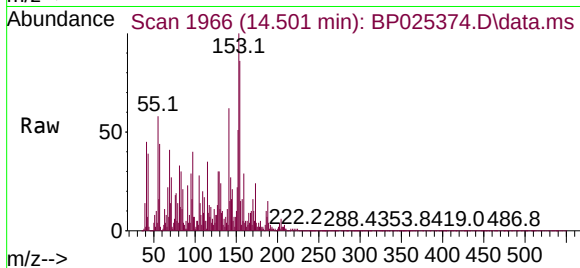
Tgt Ion:154 Resp: 665188

Ion Ratio Lower Upper

154 100

153 116.9 89.4 134.0

152 59.9 43.0 64.6



#53

3-Nitroaniline

Concen: 4.508 ng

RT: 14.284 min Scan# 1929

Delta R.T. -0.023 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

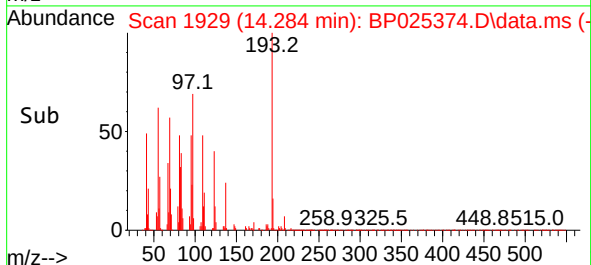
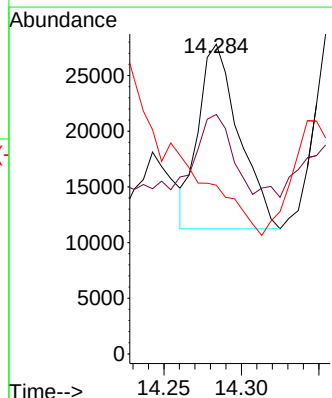
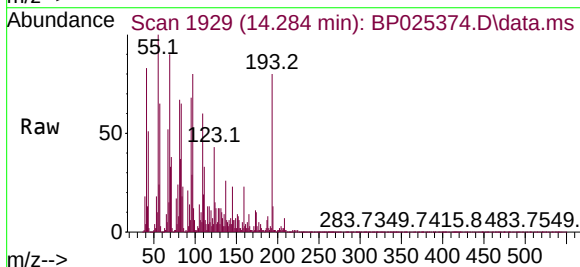
Tgt Ion:138 Resp: 30357

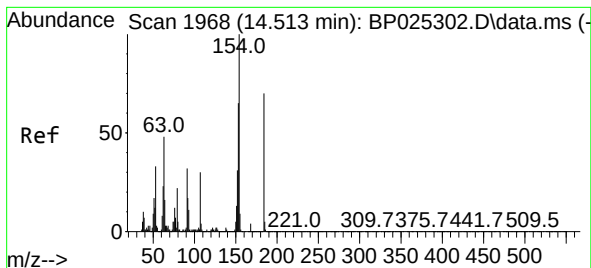
Ion Ratio Lower Upper

138 100

108 77.3 10.5 15.7#

92 54.5 90.9 136.3#

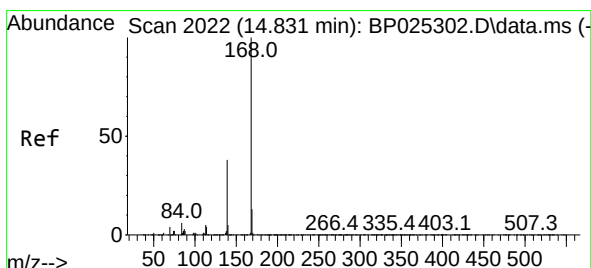
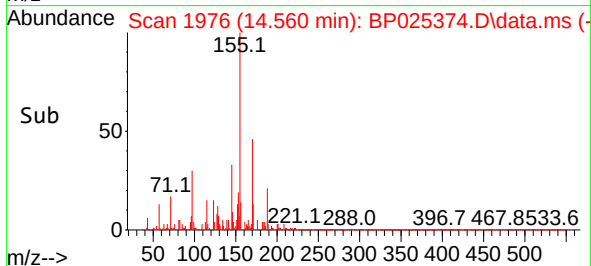
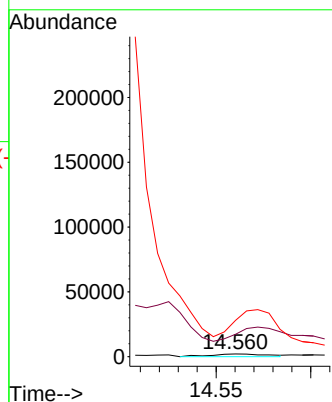
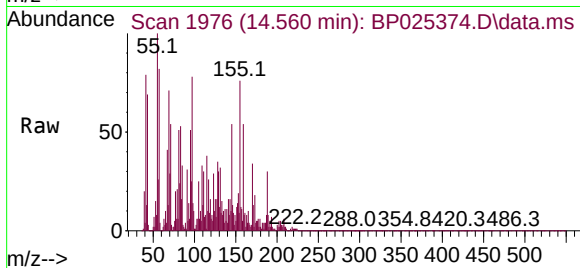




#54
2,4-Dinitrophenol
Concen: 4.607 ng
RT: 14.560 min Scan# 1968
Delta R.T. 0.047 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

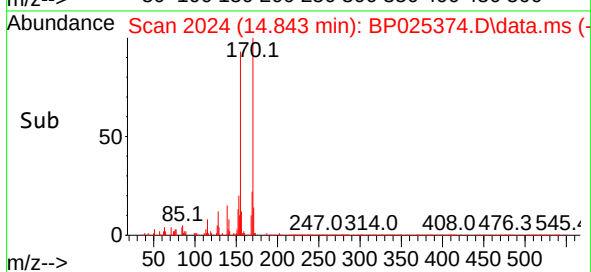
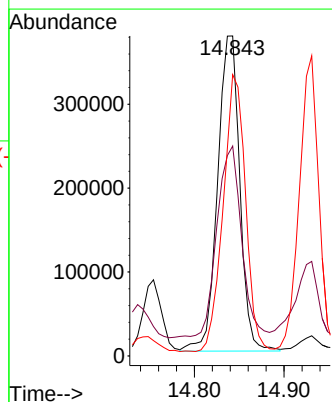
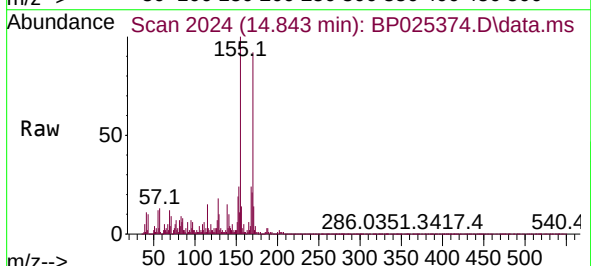
Instrument :
BNA_P
ClientSampleId :
TP-9

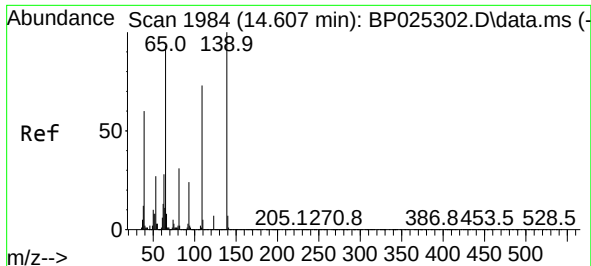
Tgt Ion:184 Resp: 4207
Ion Ratio Lower Upper
184 100
63 834.0 56.3 84.5#
154 1354.1 124.5 186.7#



#55
Dibenzofuran
Concen: 17.670 ng
RT: 14.843 min Scan# 2024
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:168 Resp: 646453
Ion Ratio Lower Upper
168 100
139 65.6 30.5 45.7#
169 87.9 10.6 15.8#

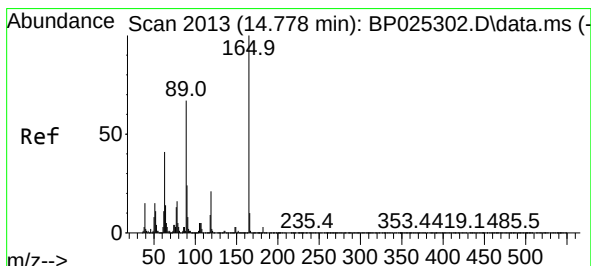
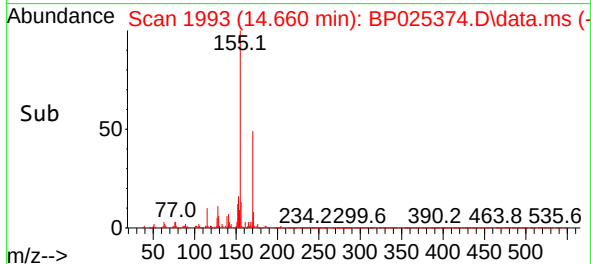
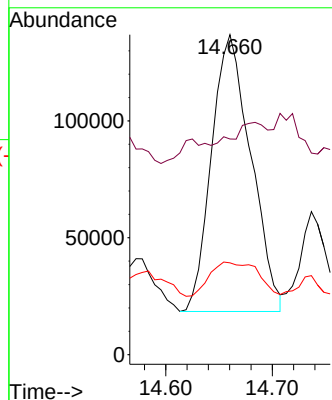
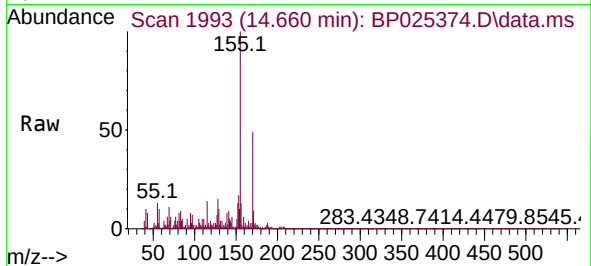




#56
4-Nitrophenol
Concen: 51.068 ng
RT: 14.660 min Scan# 1984
Delta R.T. 0.053 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

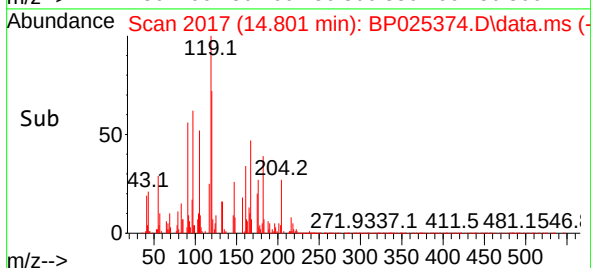
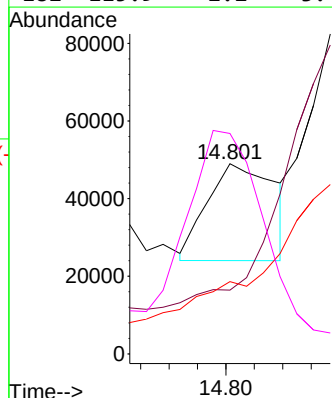
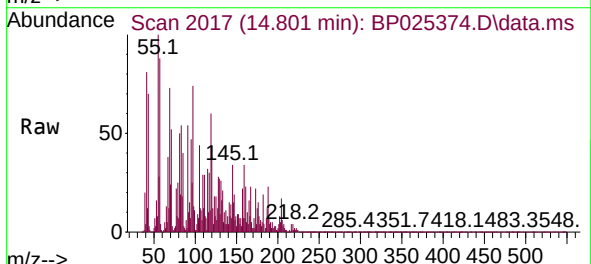
Instrument :
BNA_P
ClientSampleId :
TP-9

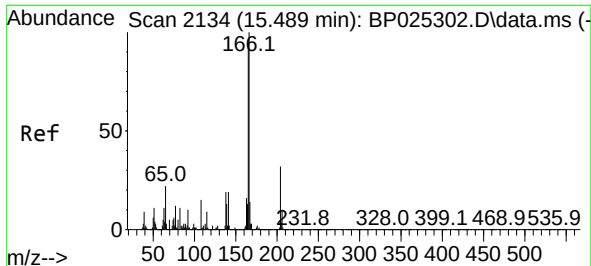
Tgt Ion:139 Resp: 303498
Ion Ratio Lower Upper
139 100
109 67.4 52.7 92.7
65 28.7 73.4 113.4#



#57
2,4-Dinitrotoluene
Concen: 7.558 ng
RT: 14.801 min Scan# 2017
Delta R.T. 0.023 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:165 Resp: 41183
Ion Ratio Lower Upper
165 100
63 33.5 33.2 49.8
89 38.0 53.5 80.3#
182 115.9 2.2 3.4#

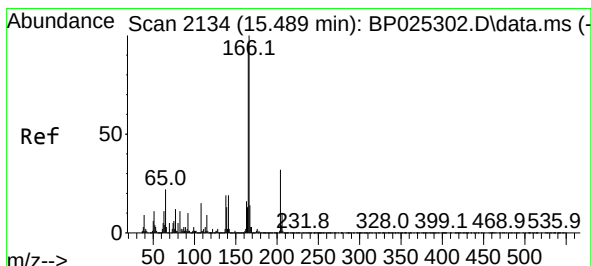
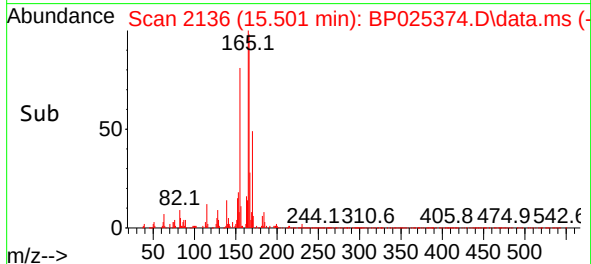
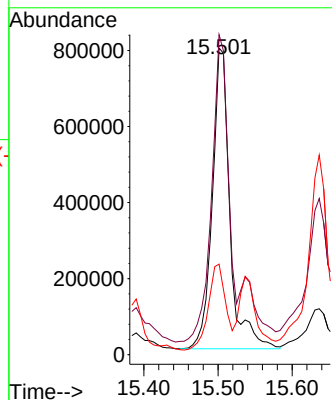
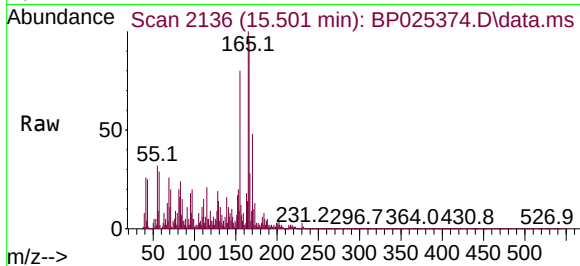




#58
Fluorene
Concen: 45.521 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

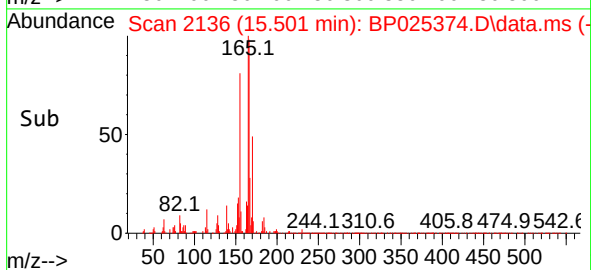
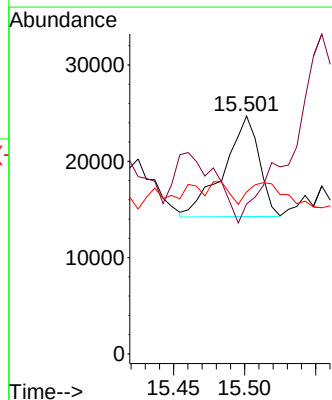
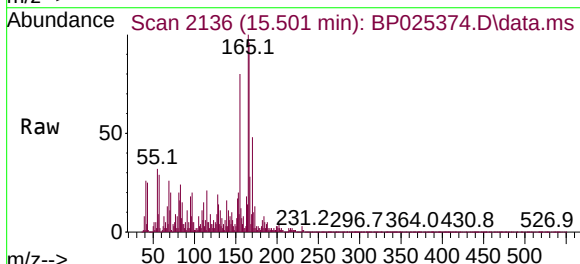
Instrument :
BNA_P
ClientSampleId :
TP-9

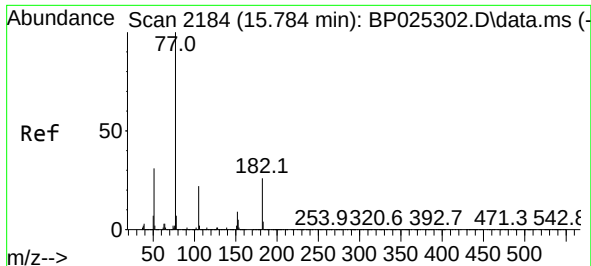
Tgt Ion:166 Resp: 1308050
Ion Ratio Lower Upper
166 100
165 104.4 76.7 115.1
167 29.5 10.9 16.3#



#62
4-Nitroaniline
Concen: 2.703 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:138 Resp: 18032
Ion Ratio Lower Upper
138 100
92 63.1 29.8 69.8
108 68.1 56.6 96.6

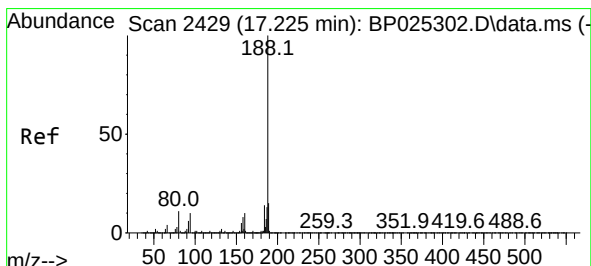
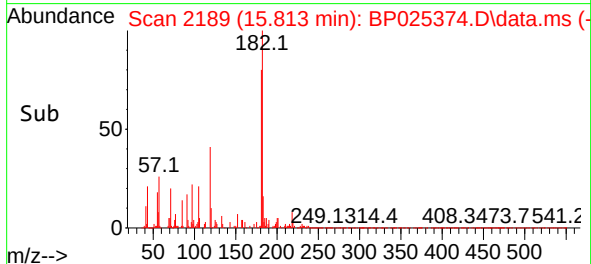
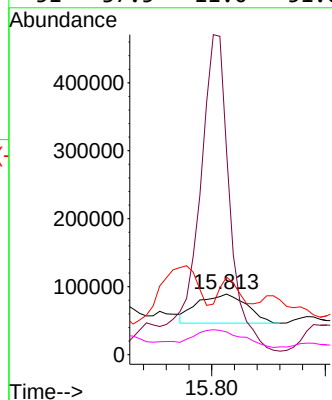
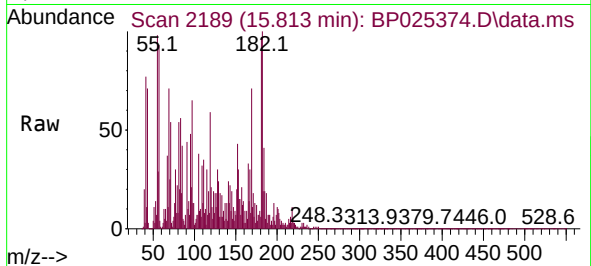




#63
Azobenzene
Concen: 4.376 ng
RT: 15.813 min Scan# 2184
Delta R.T. 0.029 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

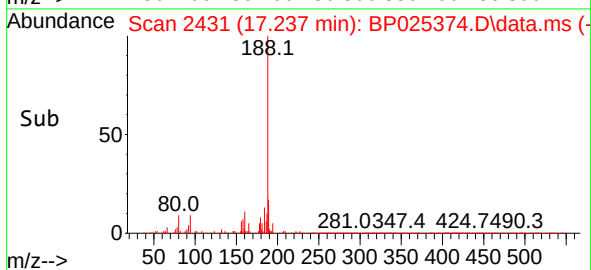
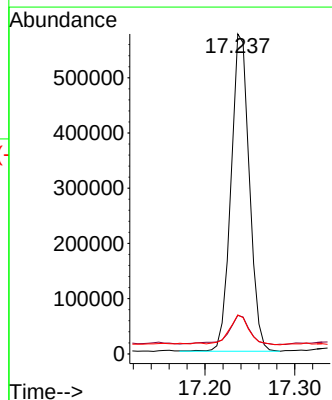
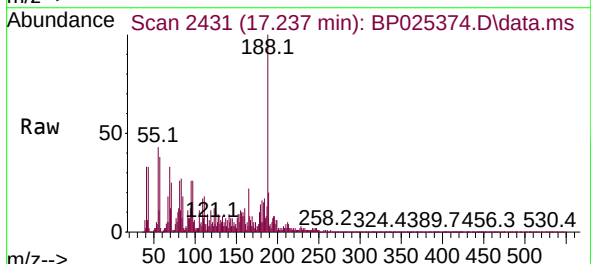
Instrument :
BNA_P
ClientSampleId :
TP-9

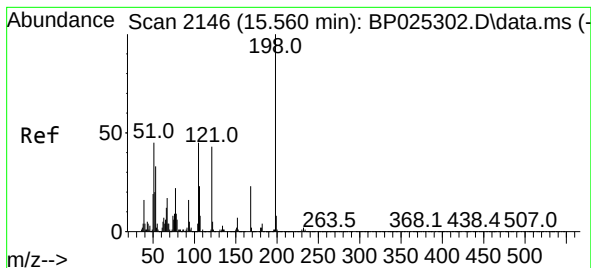
Tgt Ion: 77 Resp: 127868
Ion Ratio Lower Upper
77 100
182 334.6 6.0 46.0#
105 127.8 2.1 42.1#
51 37.5 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.237 min Scan# 2431
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion: 188 Resp: 814320
Ion Ratio Lower Upper
188 100
94 12.0 8.0 12.0#
80 12.2 8.5 12.7

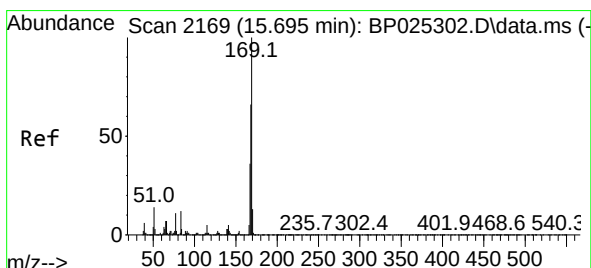
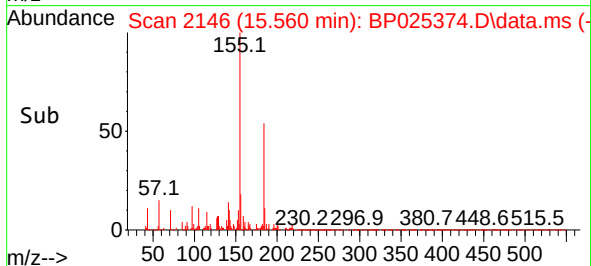
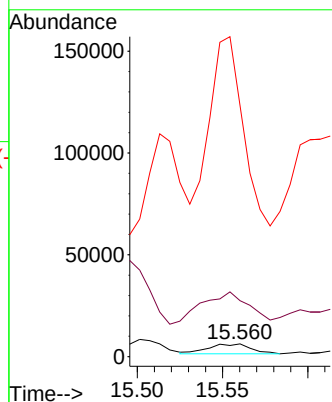
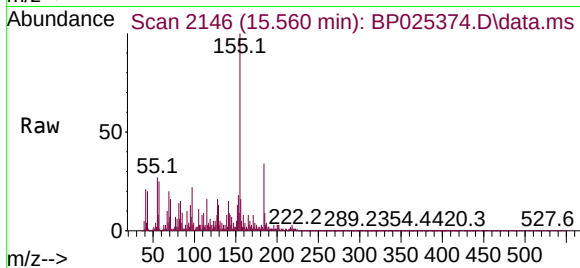




#65
4,6-Dinitro-2-methylphenol
Concen: 7.544 ng
RT: 15.560 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

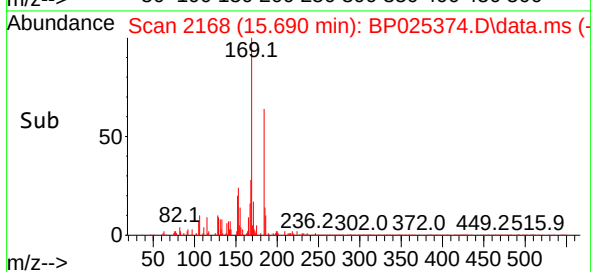
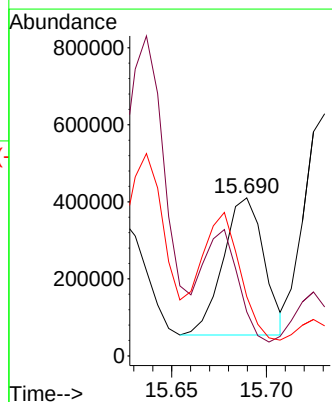
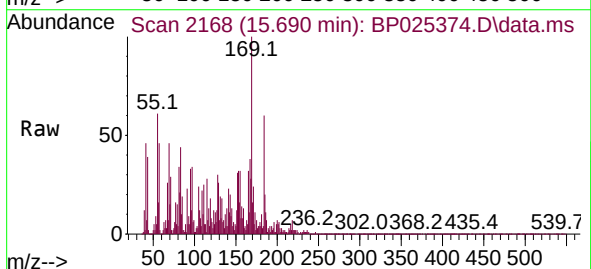
Instrument :
BNA_P
ClientSampleId :
TP-9

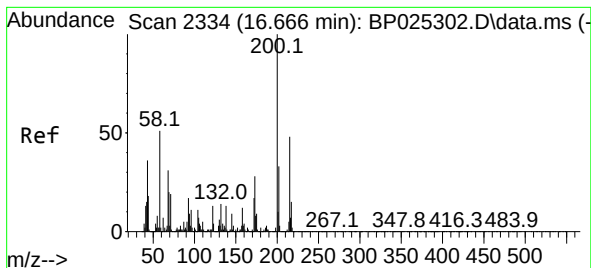
Tgt Ion:198 Resp: 8332
Ion Ratio Lower Upper
198 100
51 438.4 26.7 66.7#
105 1968.3 25.6 65.6#



#66
n-Nitrosodiphenylamine
Concen: 21.646 ng
RT: 15.690 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:169 Resp: 536704
Ion Ratio Lower Upper
169 100
168 27.9 52.8 79.2#
167 37.5 28.5 42.7





#69

Atrazine

Concen: 4.188 ng

RT: 16.690 min Scan# 2338

Delta R.T. 0.024 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

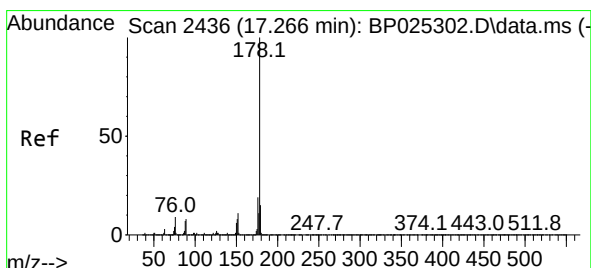
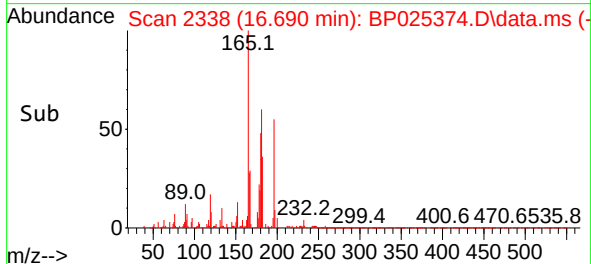
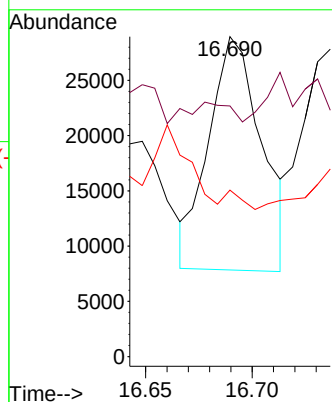
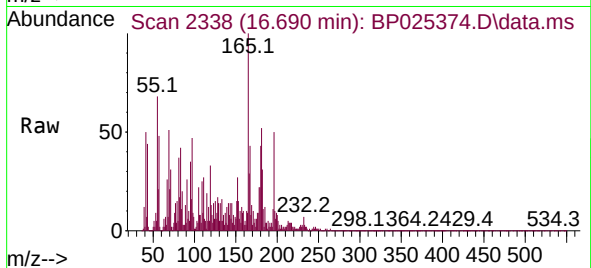
Tgt Ion:200 Resp: 36517

Ion Ratio Lower Upper

200 100

173 78.3 8.2 48.2#

215 52.0 28.1 68.1



#71

Phenanthrene

Concen: 125.797 ng

RT: 17.284 min Scan# 2439

Delta R.T. 0.018 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

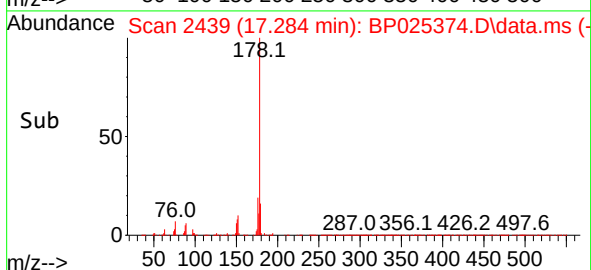
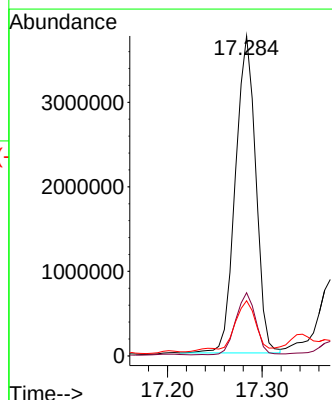
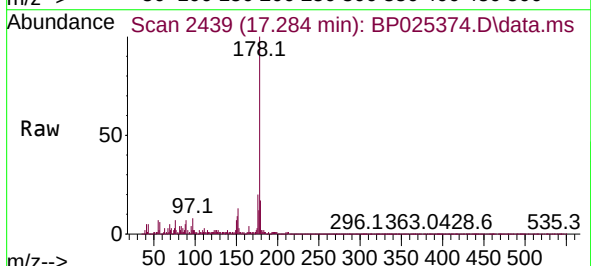
Tgt Ion:178 Resp: 5610693

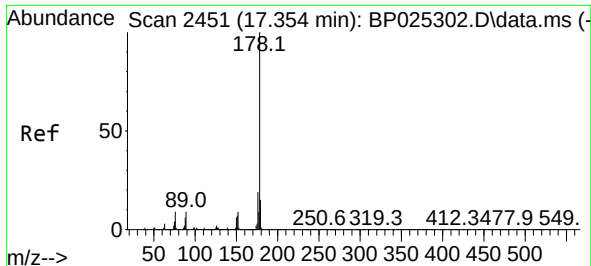
Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 17.2 12.1 18.1

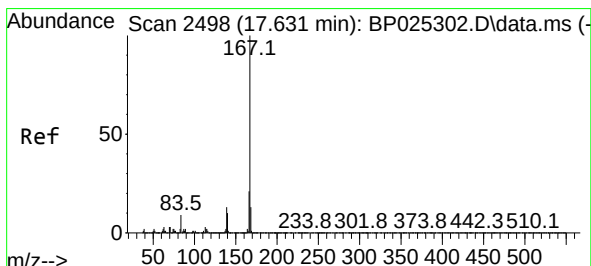
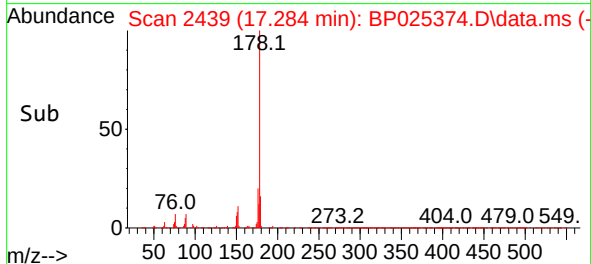
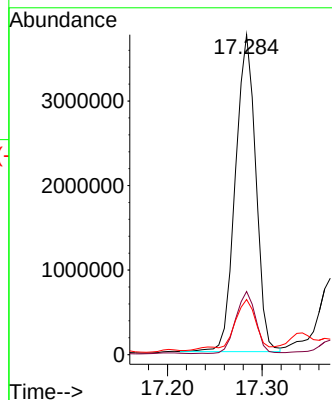
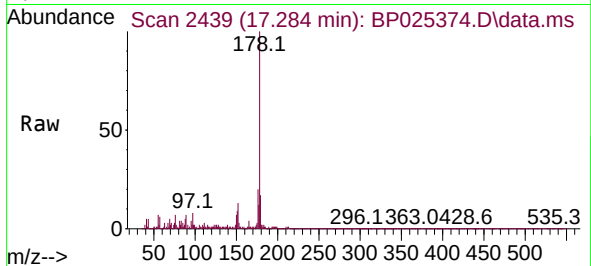




#72
 Anthracene
 Concen: 124.761 ng
 RT: 17.284 min Scan# 2451
 Delta R.T. -0.070 min
 Lab File: BP025374.D
 Acq: 12 Aug 2025 20:05

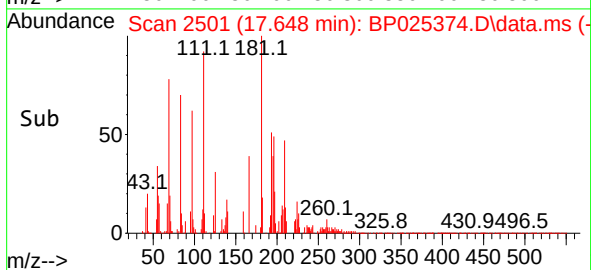
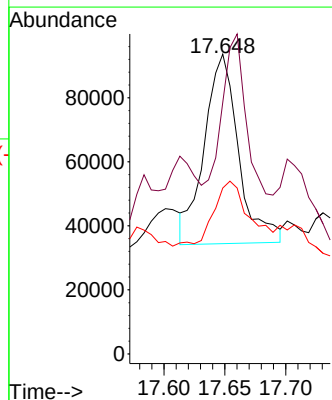
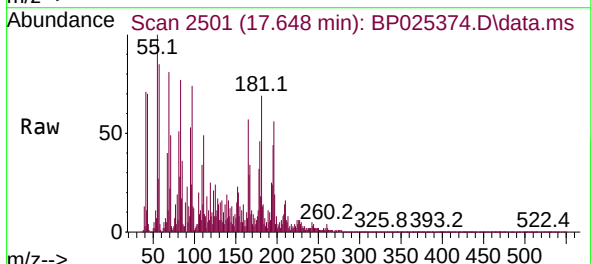
Instrument :
 BNA_P
 ClientSampleId :
 TP-9

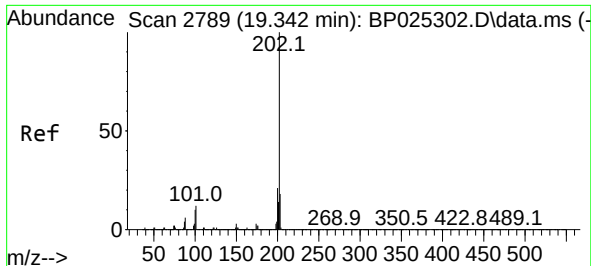
Tgt Ion:178 Resp: 5610693
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.8 22.2
 179 17.2 12.3 18.5



#73
 Carbazole
 Concen: 2.689 ng
 RT: 17.648 min Scan# 2501
 Delta R.T. 0.017 min
 Lab File: BP025374.D
 Acq: 12 Aug 2025 20:05

Tgt Ion:167 Resp: 116086
 Ion Ratio Lower Upper
 167 100
 166 83.9 17.0 25.6#
 139 55.4 10.6 16.0#

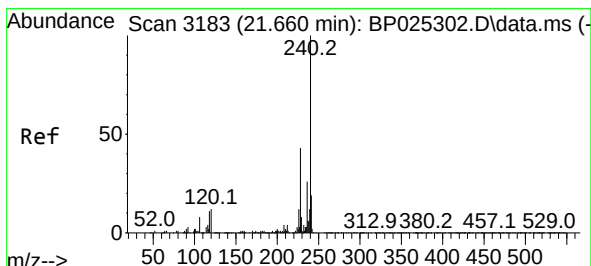
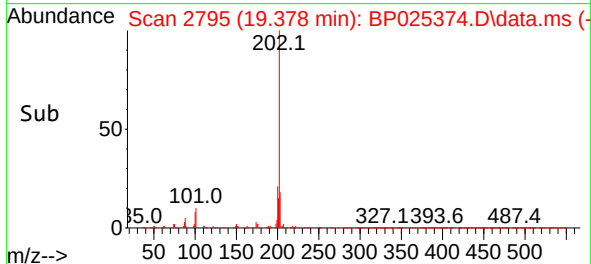
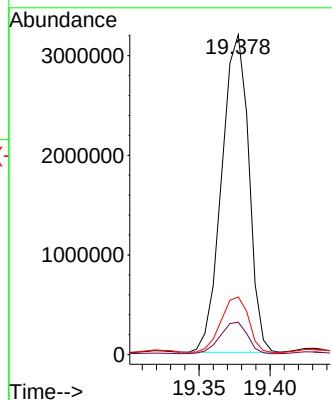
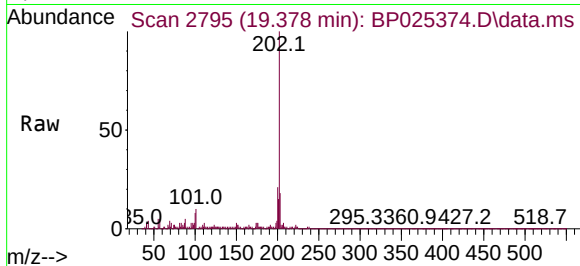




#75
Fluoranthene
Concen: 81.897 ng
RT: 19.378 min Scan# 21
Delta R.T. 0.036 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

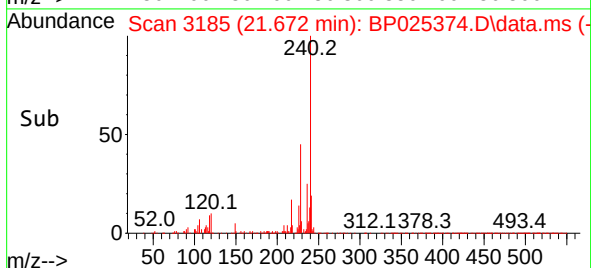
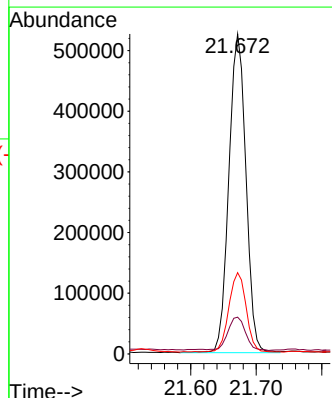
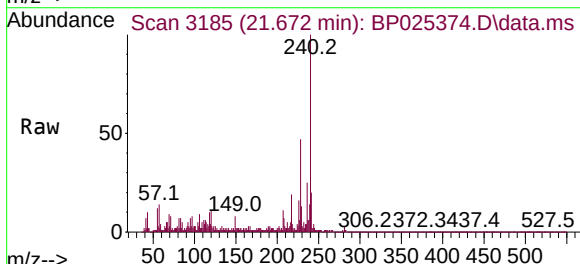
Instrument :
BNA_P
ClientSampleId :
TP-9

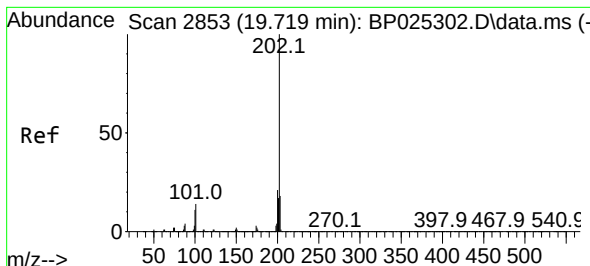
Tgt Ion:202 Resp: 4228458
Ion Ratio Lower Upper
202 100
101 10.1 0.0 32.5
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:240 Resp: 949385
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 25.4 20.4 30.6





#78

Pyrene

Concen: 68.798 ng

RT: 19.748 min Scan# 2858

Delta R.T. 0.029 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

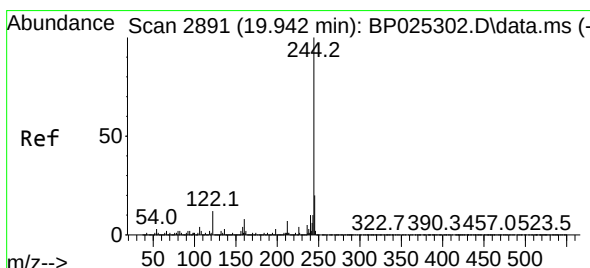
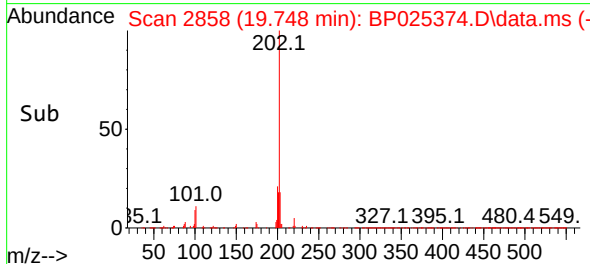
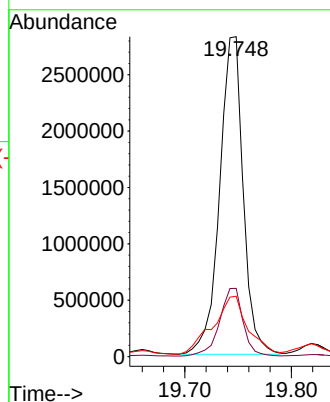
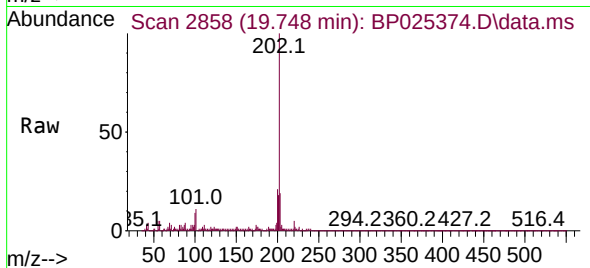
Tgt Ion:202 Resp: 4343384

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 18.9 14.1 21.1



#79

Terphenyl-d14

Concen: 25.917 ng

RT: 19.954 min Scan# 2893

Delta R.T. 0.012 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

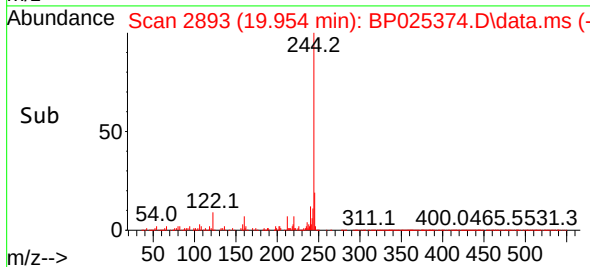
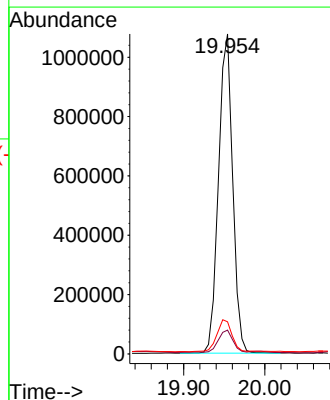
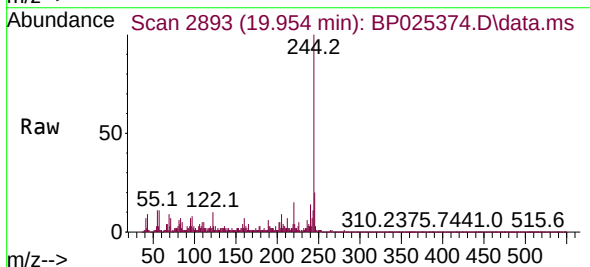
Tgt Ion:244 Resp: 1302725

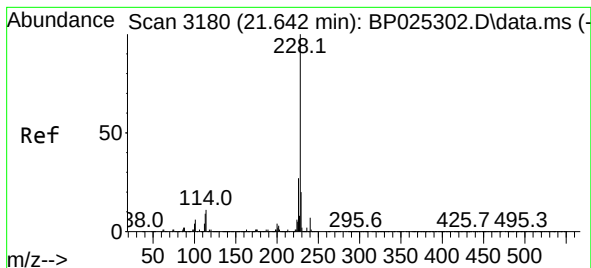
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.0 9.5 14.3





#81

Benzo(a)anthracene

Concen: 30.117 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.012 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

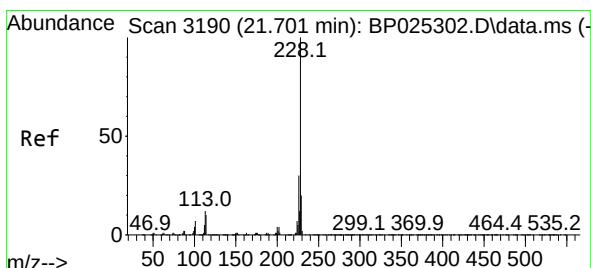
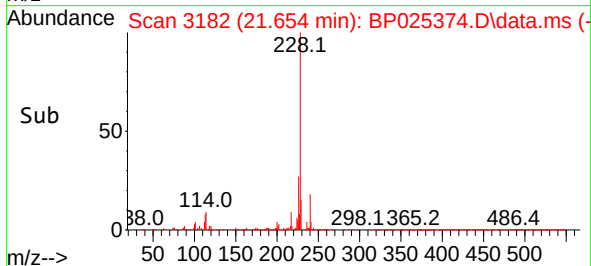
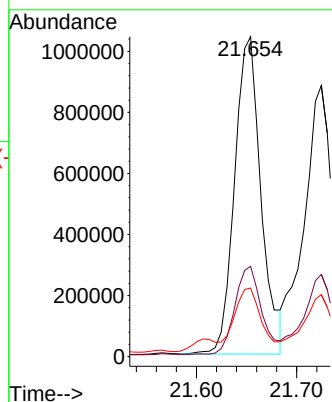
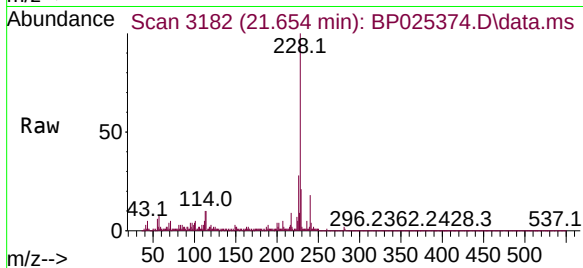
Tgt Ion:228 Resp: 1900086

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

229 21.4 16.0 24.0



#83

Chrysene

Concen: 29.361 ng

RT: 21.725 min Scan# 3194

Delta R.T. 0.024 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

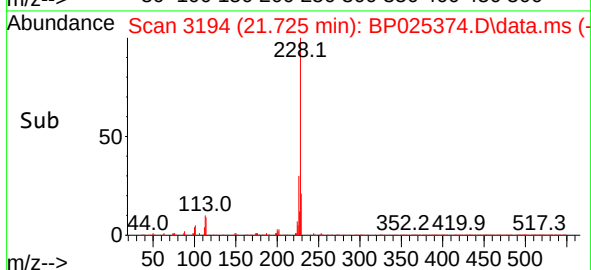
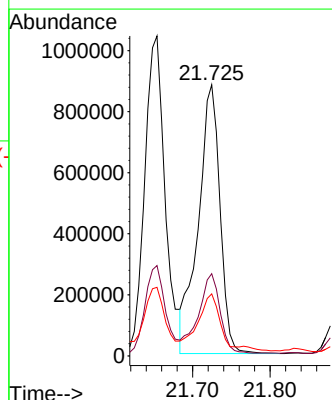
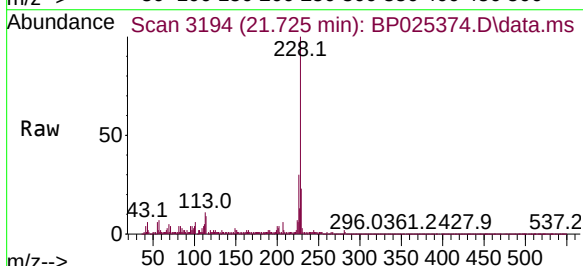
Tgt Ion:228 Resp: 1718088

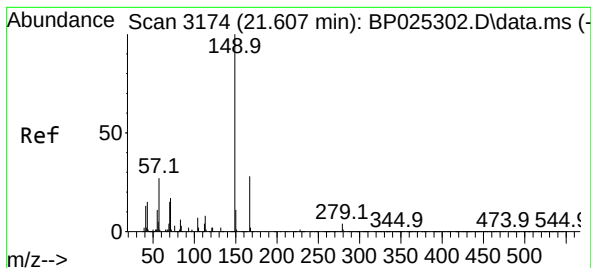
Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 22.9 15.9 23.9

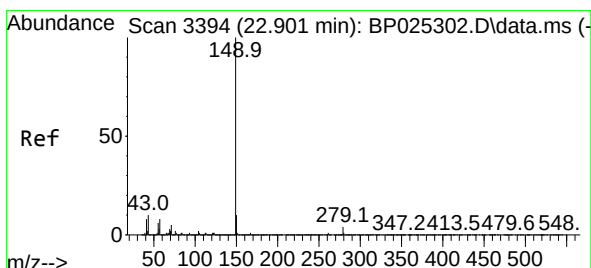
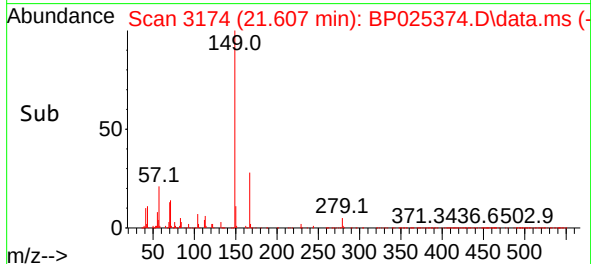
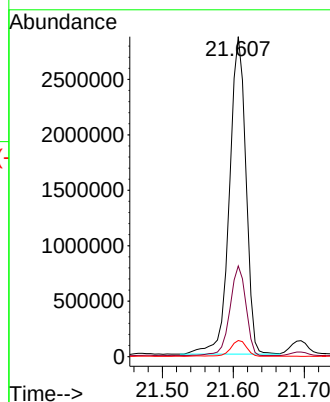
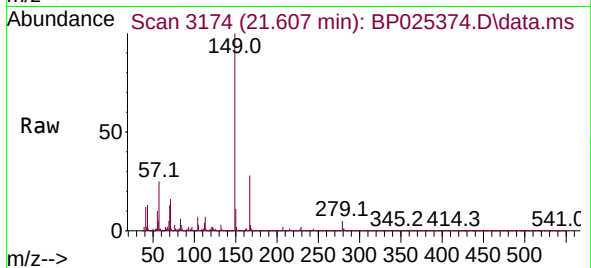




#84
Bis(2-ethylhexyl)phthalate
Concen: 113.117 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

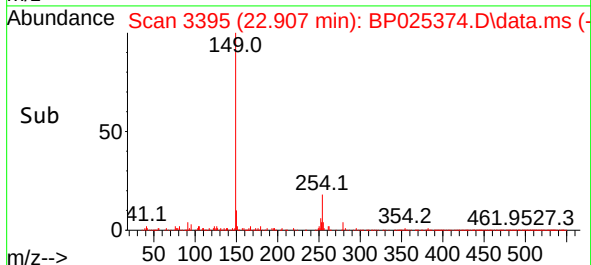
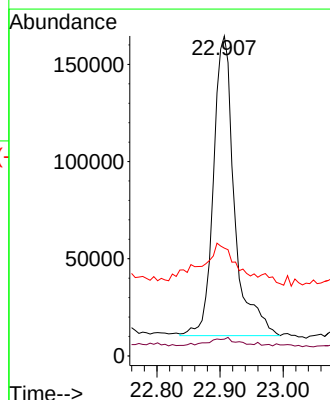
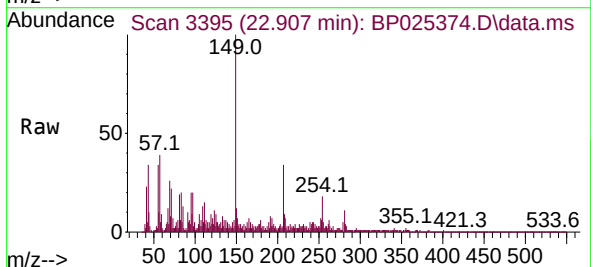
Instrument :
BNA_P
ClientSampleId :
TP-9

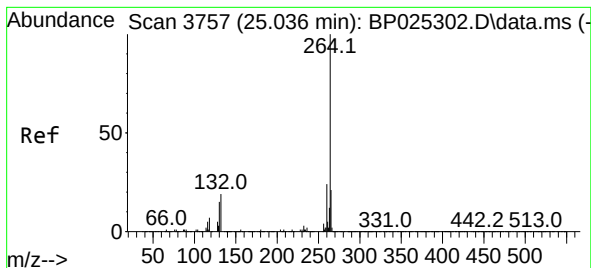
Tgt Ion:149 Resp: 4624693
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 5.0 3.4 5.2



#85
Di-n-octyl phthalate
Concen: 5.222 ng
RT: 22.907 min Scan# 3395
Delta R.T. 0.006 min
Lab File: BP025374.D
Acq: 12 Aug 2025 20:05

Tgt Ion:149 Resp: 357374
Ion Ratio Lower Upper
149 100
167 3.2 1.3 1.9#
43 12.4 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.071 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

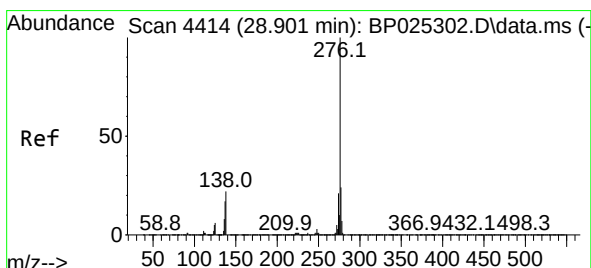
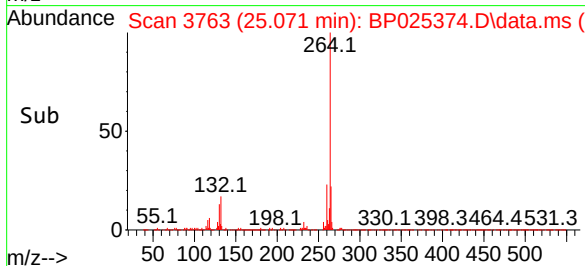
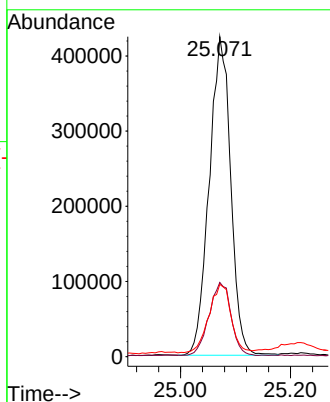
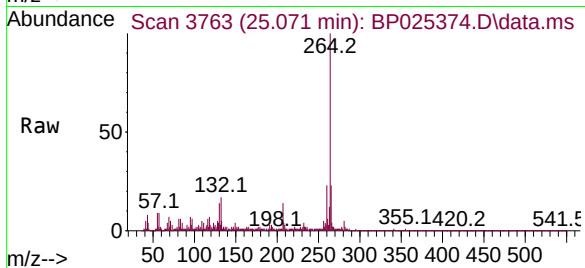
Tgt Ion:264 Resp: 1150083

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.6 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 12.293 ng

RT: 28.930 min Scan# 4419

Delta R.T. 0.029 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

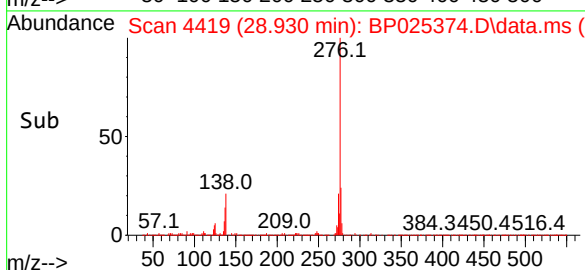
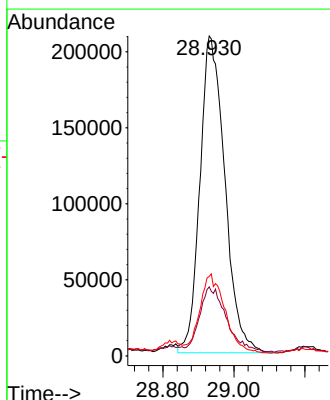
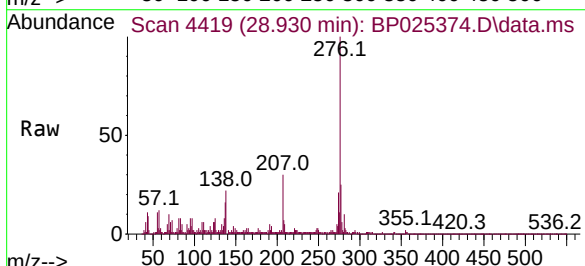
Tgt Ion:276 Resp: 1013321

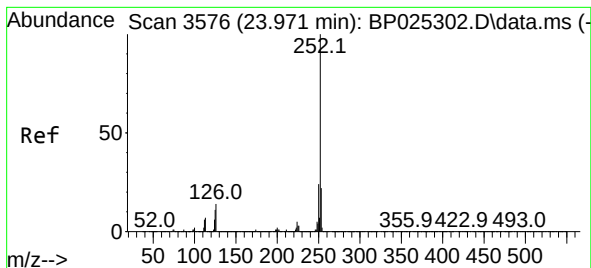
Ion Ratio Lower Upper

276 100

138 21.9 14.6 22.0

277 25.4 16.8 25.2#





#88

Benzo(b)fluoranthene

Concen: 28.559 ng

RT: 24.007 min Scan# 3582

Delta R.T. 0.036 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

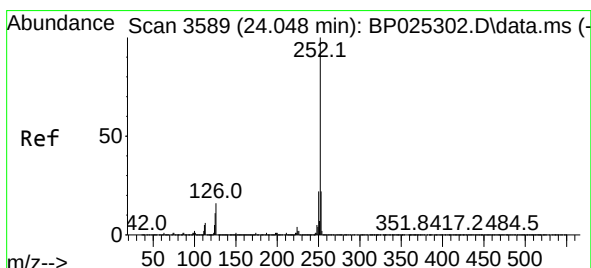
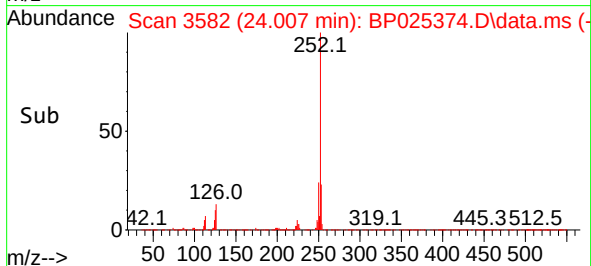
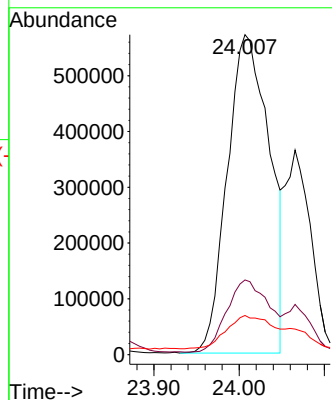
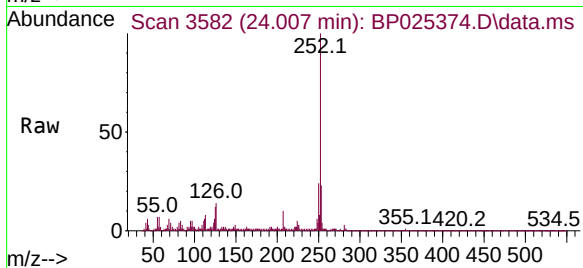
Tgt Ion:252 Resp: 1966146

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 12.2 8.5 12.7



#89

Benzo(k)fluoranthene

Concen: 28.809 ng

RT: 24.007 min Scan# 3582

Delta R.T. -0.041 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

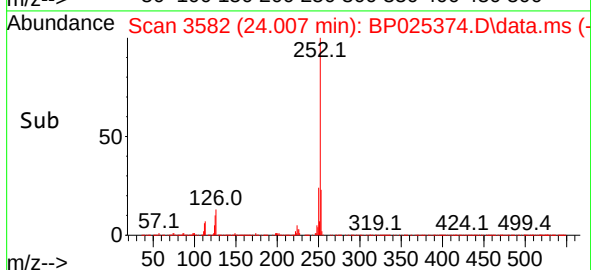
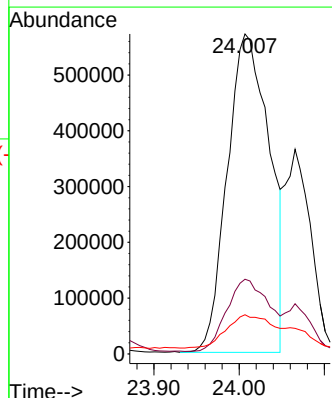
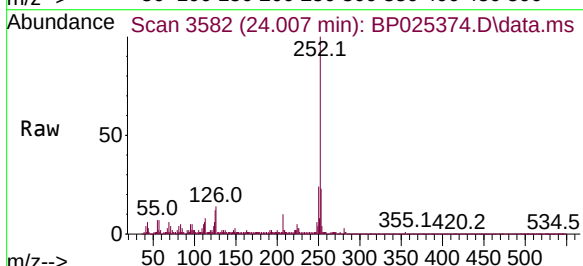
Tgt Ion:252 Resp: 1966146

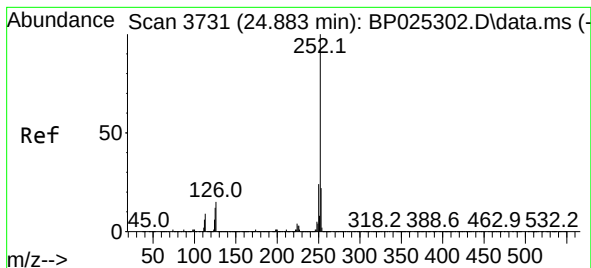
Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 12.2 8.5 12.7





#90

Benzo(a)pyrene

Concen: 23.535 ng

RT: 24.919 min Scan# 31

Delta R.T. 0.036 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9

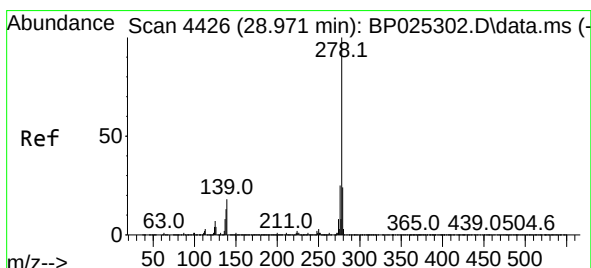
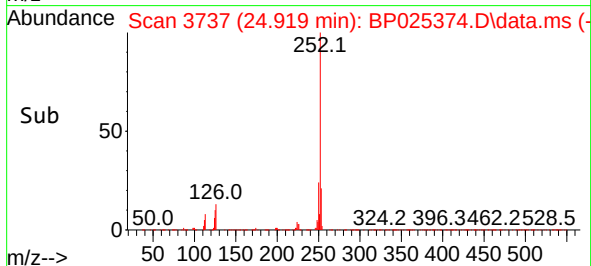
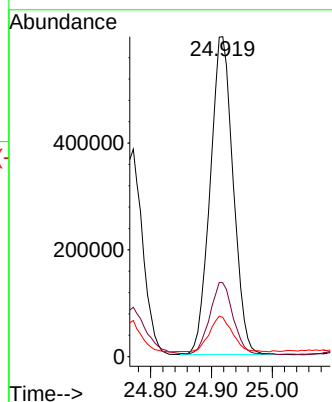
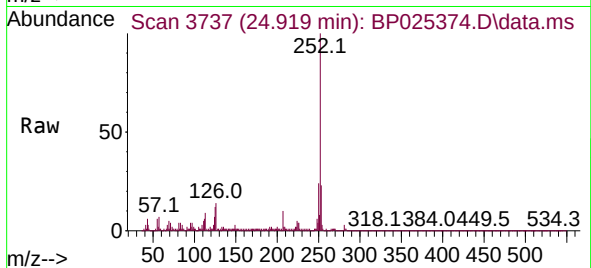
Tgt Ion:252 Resp: 1560393

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 12.3 9.4 14.0



#91

Dibenzo(a,h)anthracene

Concen: 4.090 ng

RT: 29.007 min Scan# 4432

Delta R.T. 0.036 min

Lab File: BP025374.D

Acq: 12 Aug 2025 20:05

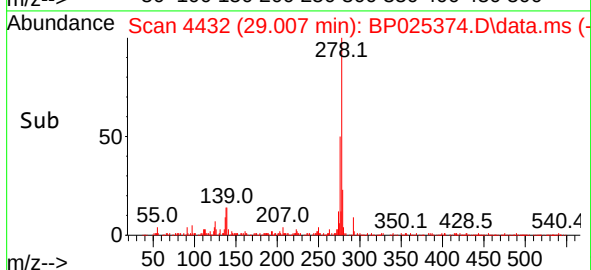
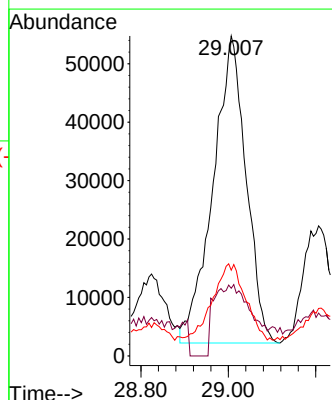
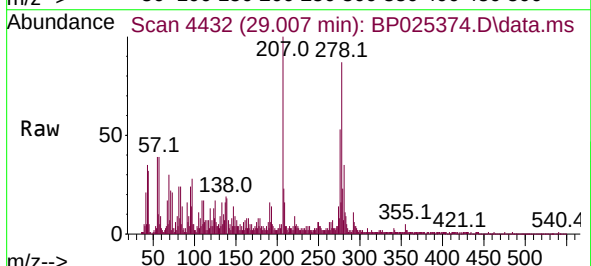
Tgt Ion:278 Resp: 276139

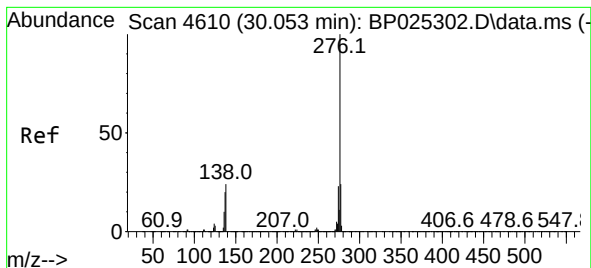
Ion Ratio Lower Upper

278 100

139 21.1 14.6 22.0

279 26.8 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 14.496 ng

RT: 30.148 min Scan# 4626

Delta R.T. 0.095 min

Lab File: BP025374.D

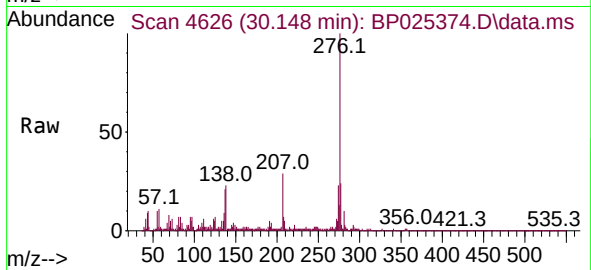
Acq: 12 Aug 2025 20:05

Instrument :

BNA_P

ClientSampleId :

TP-9



Tgt Ion:276 Resp: 960467

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 23.1 19.1 28.7

