

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031325\
 Data File : BP024174.D
 Acq On : 13 Mar 2025 12:37
 Operator : RC/JU
 Sample : Q1502-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Mar 13 12:57:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	353534	20.000	ng	-0.02
21) Naphthalene-d8	10.540	136	1418472	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	889546	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1714495	20.000	ng	0.02
76) Chrysene-d12	21.674	240	1887366	20.000	ng	0.02
86) Perylene-d12	25.086	264	2063786	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	587545	26.529	ng	-0.02
7) Phenol-d6	6.928	99	767909	25.928	ng	-0.02
23) Nitrobenzene-d5	8.899	82	455415	18.115	ng	-0.02
42) 2,4,6-Tribromophenol	15.928	330	256901	22.927	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	1150538	19.072	ng	0.00
79) Terphenyl-d14	19.945	244	1892676	20.700	ng	0.02
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.611	42	107584	13.420	ng	# 97
11) bis(2-Chloroethyl)ether	7.175	93	445126	18.879	ng	99
13) 1,4-Dichlorobenzene	7.787	146	819775	31.123	ng	99
14) 1,2-Dichlorobenzene	8.099	146	721474	28.543	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	576718	23.966	ng	96
18) Hexachloroethane	8.828	117	148142	15.853	ng	98
19) n-Nitroso-di-n-propyla...	8.552	70	291642	16.974	ng	98
31) Naphthalene	10.587	128	361608	4.809	ng	100
37) 2-Methylnaphthalene	12.210	142	1158372	22.804	ng	99
38) 1-Methylnaphthalene	12.428	142	430404	8.711	ng	99
47) 2-Chloronaphthalene	13.269	162	1097223	21.823	ng	98
49) Acenaphthylene	14.128	152	1226745	16.125	ng	99
50) Dimethylphthalate	13.863	163	1984111	31.877	ng	100
52) Acenaphthene	14.475	154	1077064	22.158	ng	99
55) Dibenzofuran	14.822	168	885034	11.240	ng	99
57) 2,4-Dinitrotoluene	14.787	165	372410	21.528	ng	98
58) Fluorene	15.487	166	2029975	33.090	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1012259	33.642	ng	99
66) n-Nitrosodiphenylamine	15.692	169	345022	6.627	ng	99
73) Carbazole	17.634	167	1157106	13.153	ng	100
74) Di-n-butylphthalate	18.222	149	2308580	22.106	ng	100
75) Fluoranthene	19.351	202	2969094	27.371	ng	99
78) Pyrene	19.728	202	3726848	31.762	ng	99
80) Butylbenzylphthalate	20.675	149	1703614	35.208	ng	98
81) Benzo(a)anthracene	21.657	228	4008591	34.161	ng	100
83) Chrysene	21.727	228	1539379	13.647	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	1218780	16.693	ng	100
85) Di-n-octyl phthalate	22.898	149	1449396	12.390	ng	99
88) Benzo(b)fluoranthene	24.004	252	2211070	17.769	ng	99
89) Benzo(k)fluoranthene	24.080	252	2750384	22.596	ng	100
90) Benzo(a)pyrene	24.927	252	1327891	12.272	ng	100
91) Dibenzo(a,h)anthracene	29.051	278	3741481	31.223	ng	100
92) Benzo(g,h,i)perylene	30.156	276	1936128	15.894	ng	99

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

Instrument :

BNA_P

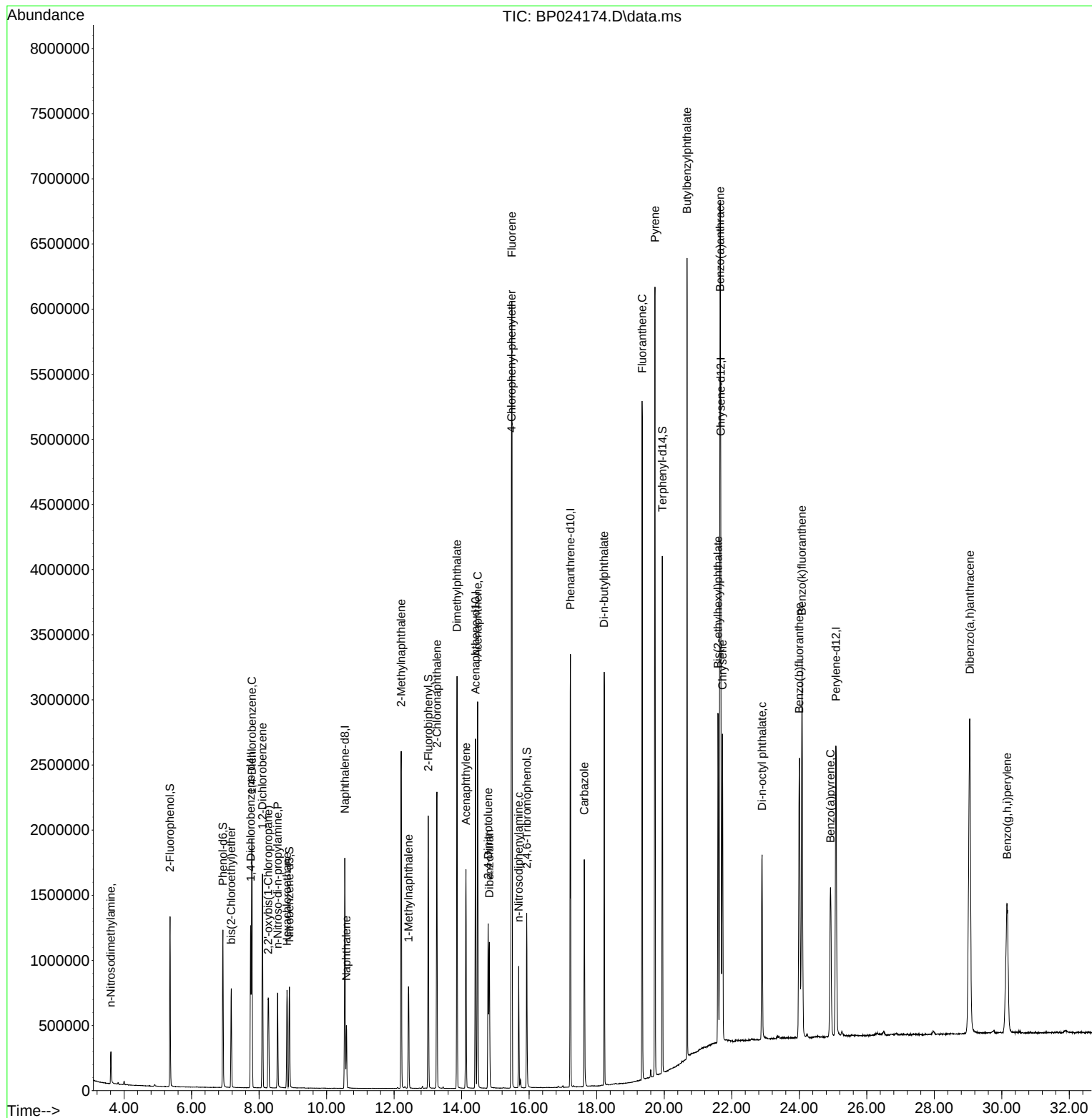
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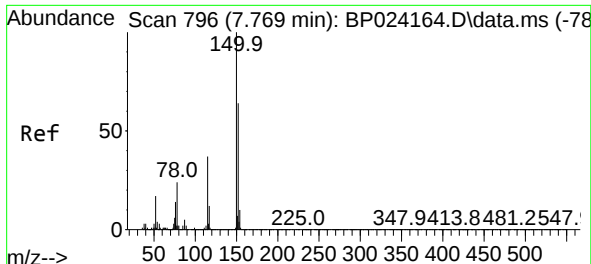
PT-BN-WPDL

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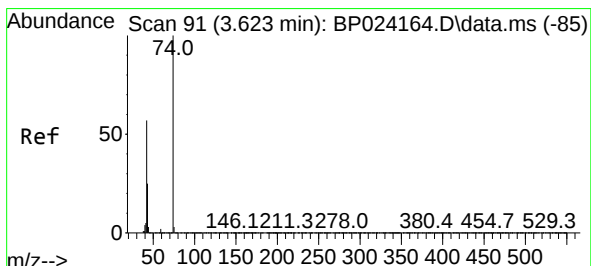
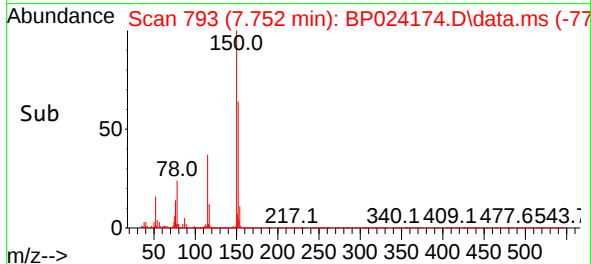
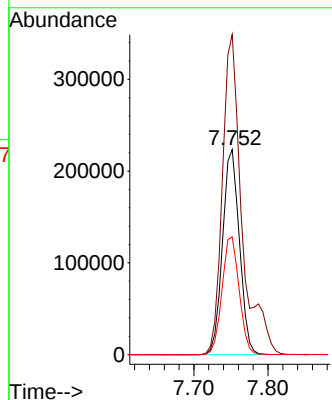
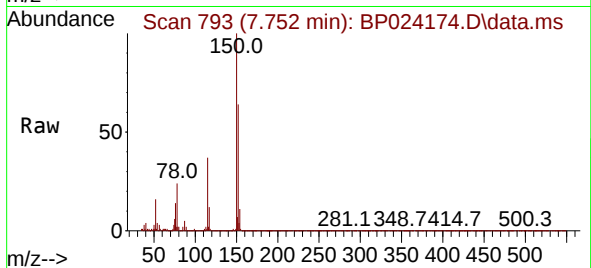




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 79
Delta R.T. -0.017 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

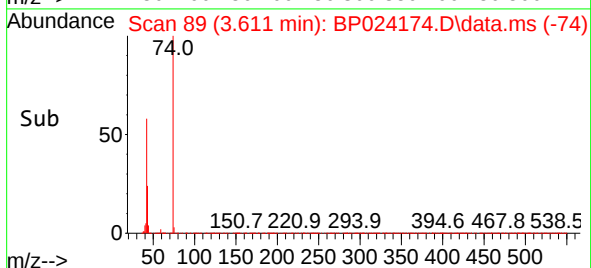
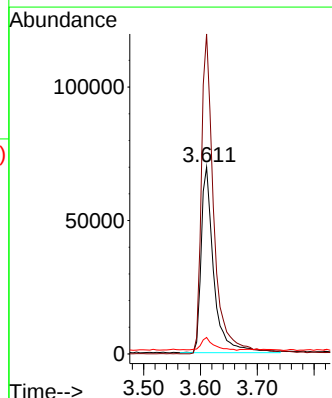
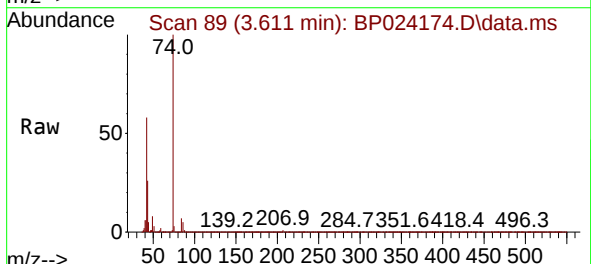
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BNA_P
ClientSampleId :
PT-BN-WPDL

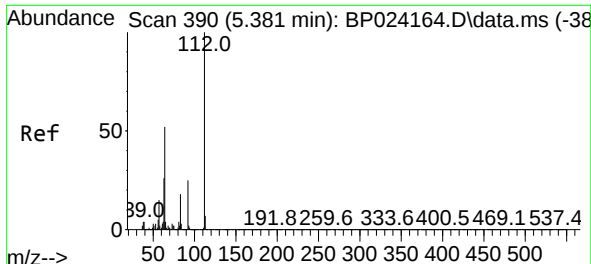
Tgt Ion:152 Resp: 353534
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 57.4 46.3 69.5



#4
n-Nitrosodimethylamine
Concen: 13.420 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.012 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion: 42 Resp: 107584
Ion Ratio Lower Upper
42 100
74 171.2 139.8 209.6
44 8.8 5.3 7.9

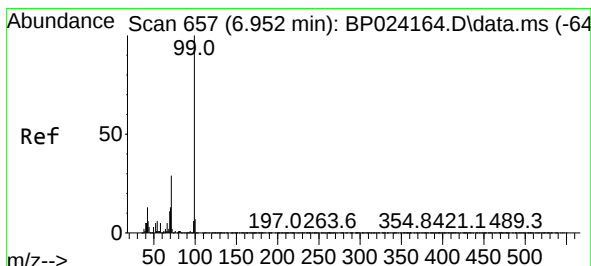
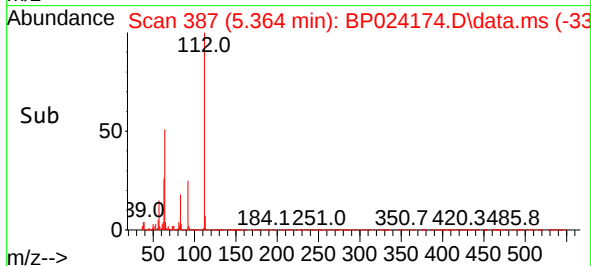
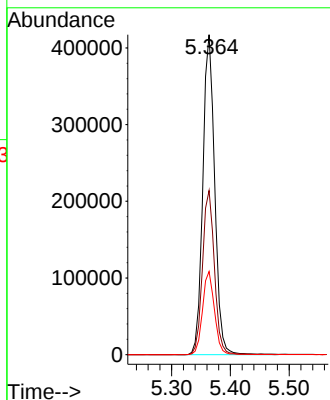
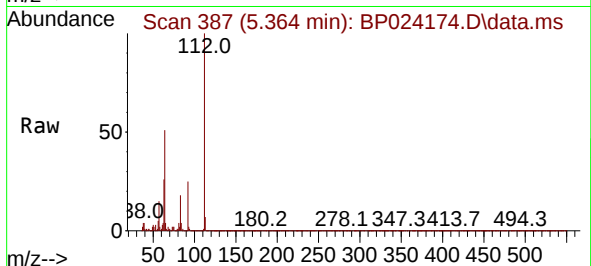




#5
2-Fluorophenol
Concen: 26.529 ng
RT: 5.364 min Scan# 387
Delta R.T. -0.018 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

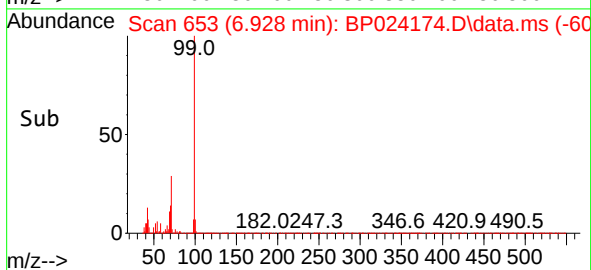
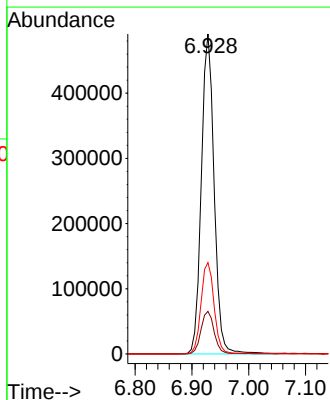
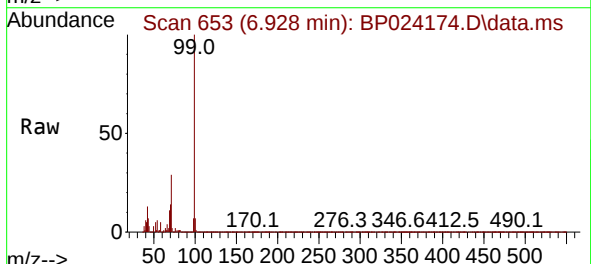
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BNA_P
ClientSampleId :
PT-BN-WPDL

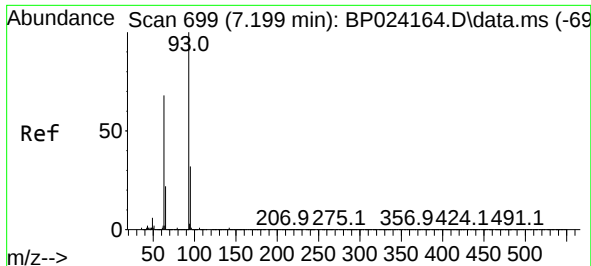
Tgt Ion:112 Resp: 587545
Ion Ratio Lower Upper
112 100
64 51.3 41.3 61.9
63 26.0 20.6 31.0



#7
Phenol-d6
Concen: 25.928 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.024 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion: 99 Resp: 767909
Ion Ratio Lower Upper
99 100
42 13.3 10.6 16.0
71 28.6 23.3 34.9

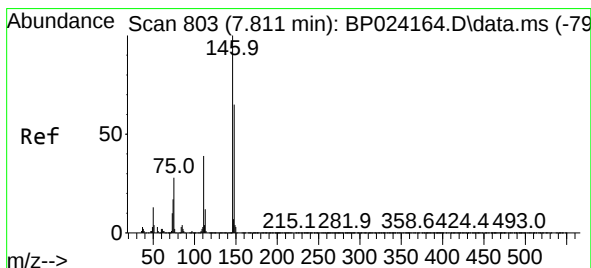
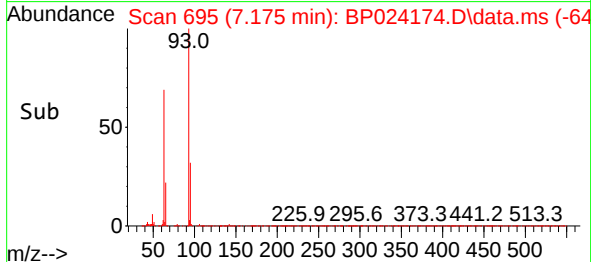
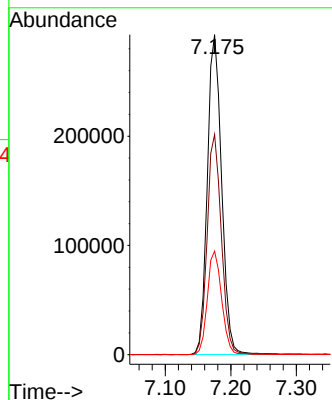
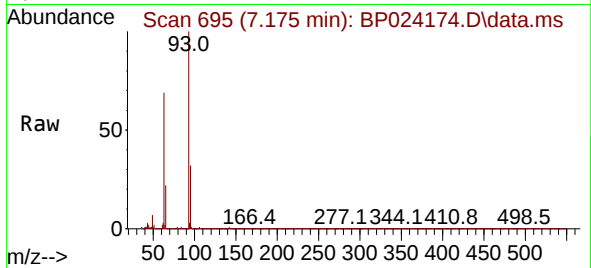




#11
bis(2-Chloroethyl)ether
Concen: 18.879 ng
RT: 7.175 min Scan# 699
Delta R.T. -0.024 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

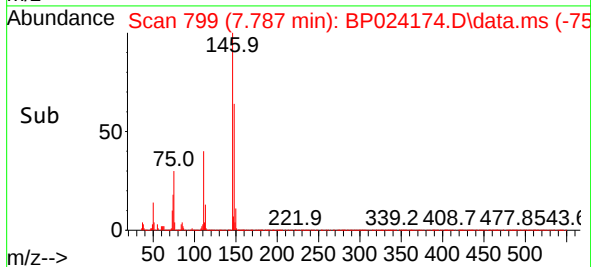
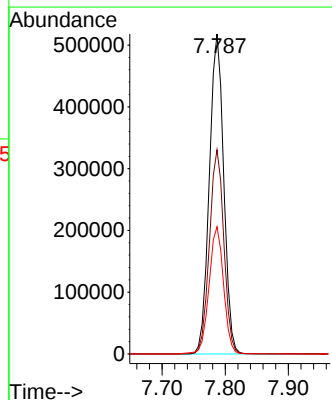
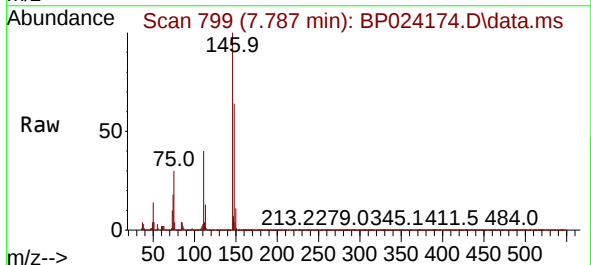
Instrument :
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PT-BN-WPDL

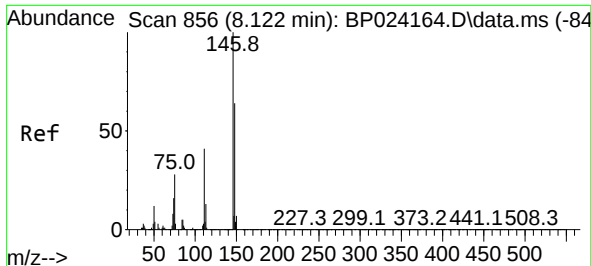
Tgt Ion: 93 Resp: 445126
Ion Ratio Lower Upper
93 100
63 68.8 47.4 87.4
95 32.4 12.1 52.1



#13
1,4-Dichlorobenzene
Concen: 31.123 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.024 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:146 Resp: 819775
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 39.7 31.4 47.2

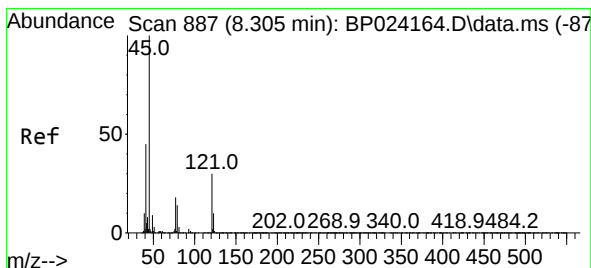
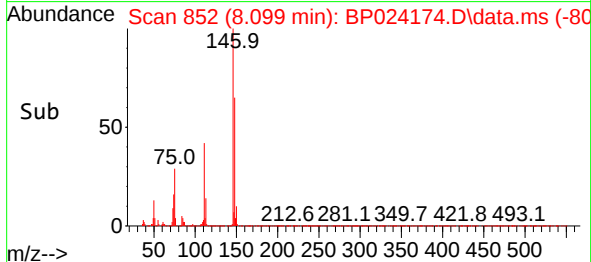
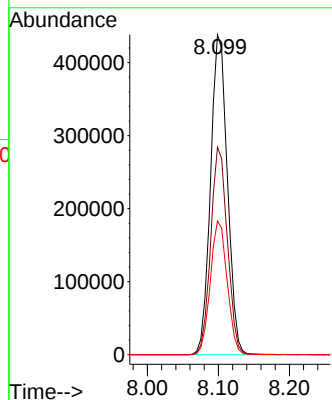
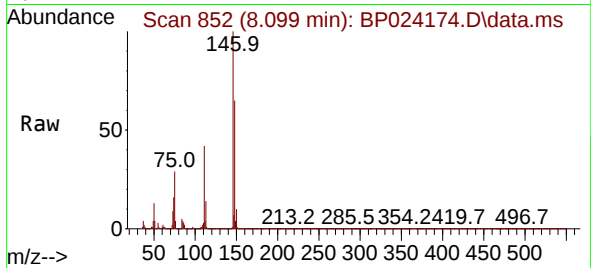




#14
1,2-Dichlorobenzene
Concen: 28.543 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

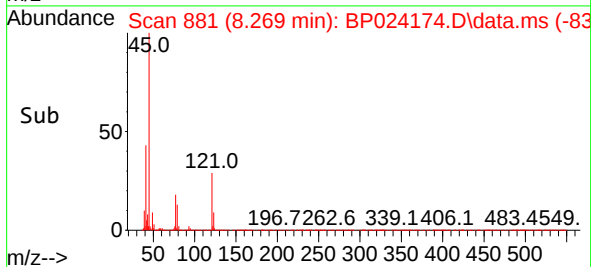
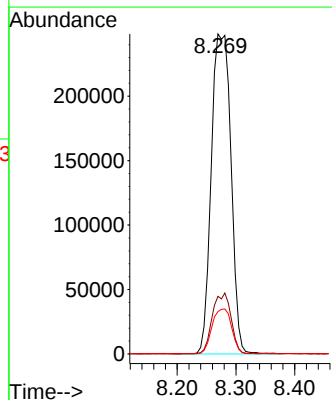
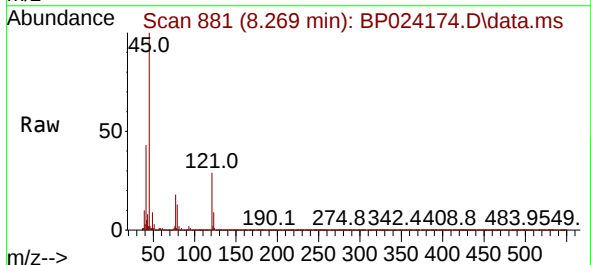
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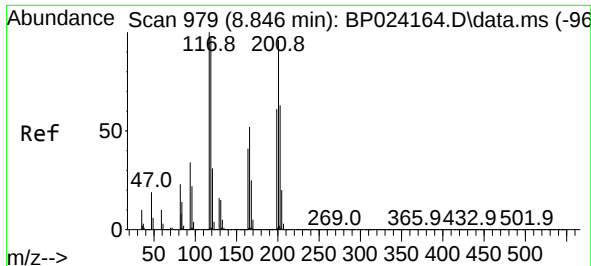
Tgt Ion:146 Resp: 721474
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 41.8 33.2 49.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.966 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.035 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion: 45 Resp: 576718
Ion Ratio Lower Upper
45 100
77 18.0 0.0 39.0
79 13.3 0.0 35.6

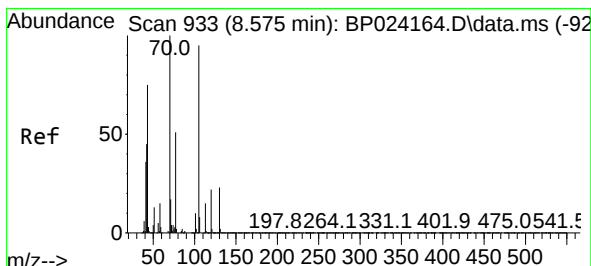
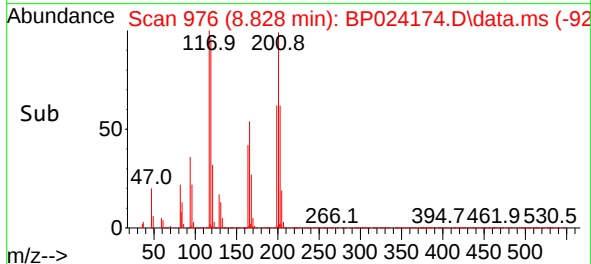
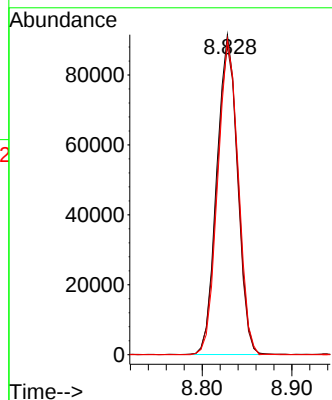
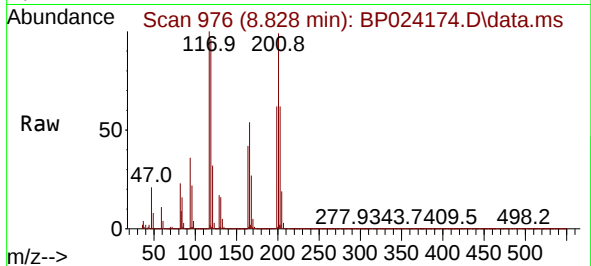




#18
Hexachloroethane
Concen: 15.853 ng
RT: 8.828 min Scan# 918
Delta R.T. -0.018 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

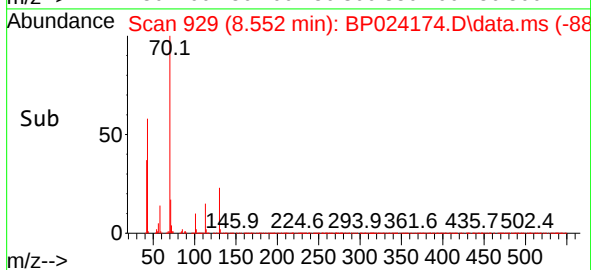
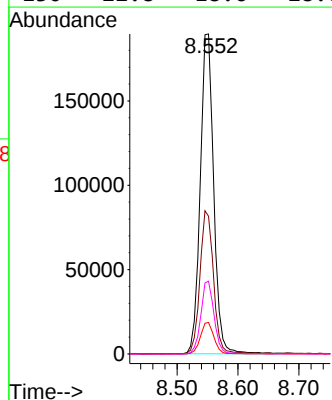
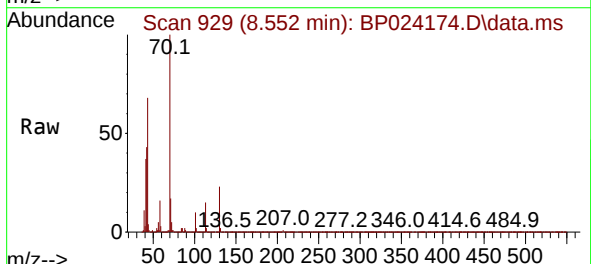
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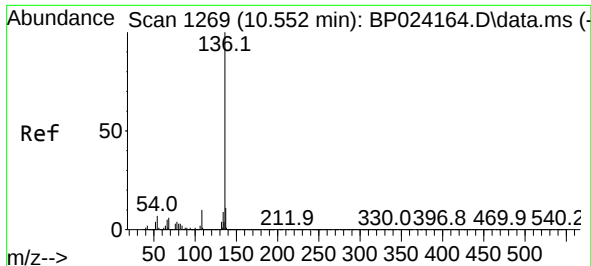
Tgt Ion:117 Resp: 148142
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0
201 98.7 76.6 114.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.974 ng
RT: 8.552 min Scan# 929
Delta R.T. -0.024 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion: 70 Resp: 291642
Ion Ratio Lower Upper
70 100
42 43.0 36.0 54.0
101 9.9 8.3 12.5
130 22.8 18.6 28.0

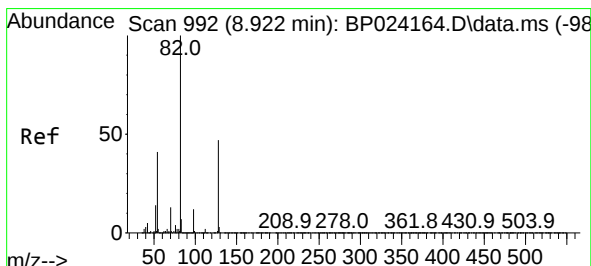
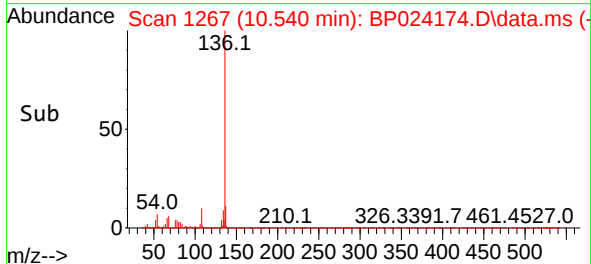
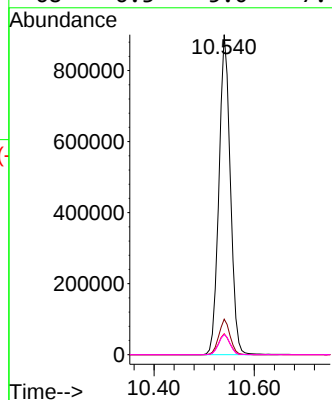
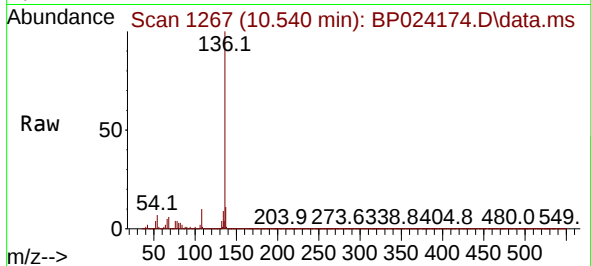




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

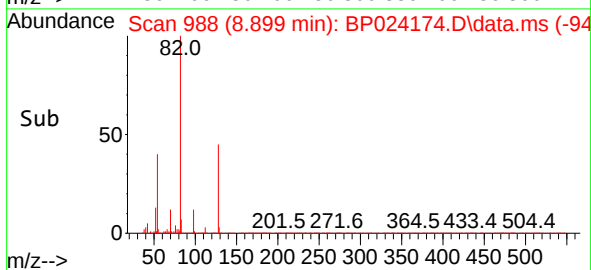
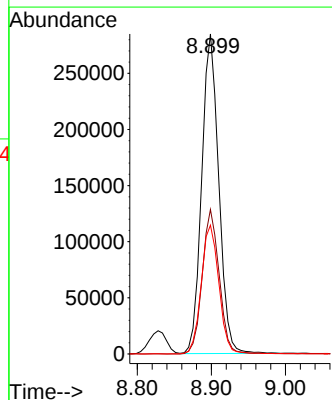
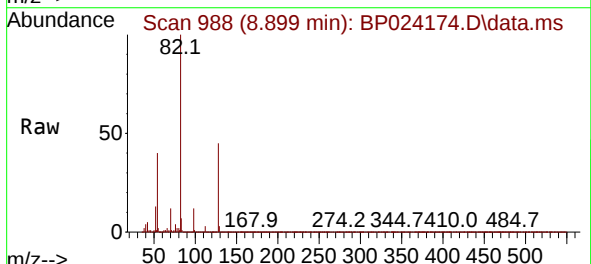
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

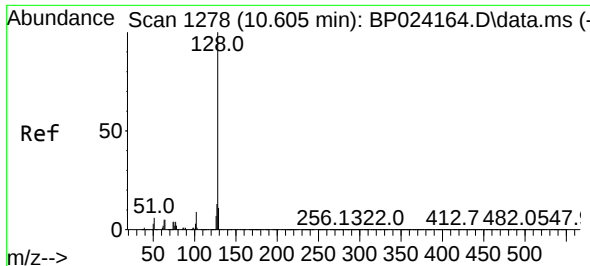
Tgt Ion:136 Resp: 1418472
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.6 5.3 7.9
68 6.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 18.115 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.024 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion: 82 Resp: 455415
Ion Ratio Lower Upper
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128 45.1 37.4 56.0
54 40.3 32.5 48.7

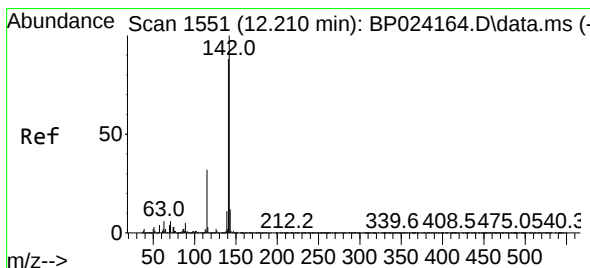
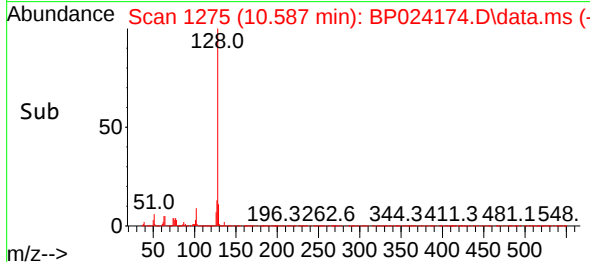
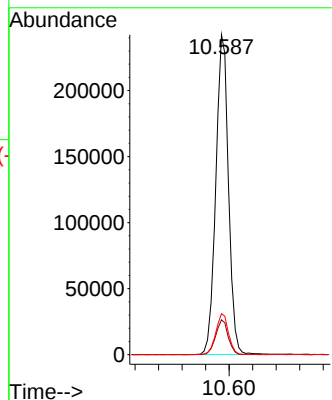
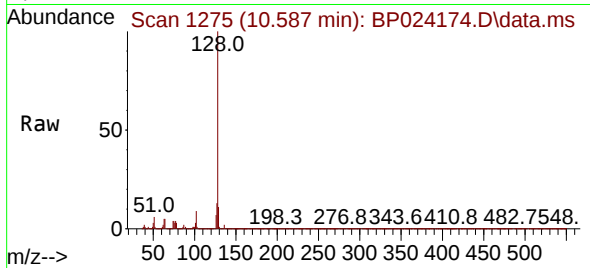




#31
Naphthalene
Concen: 4.809 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.018 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

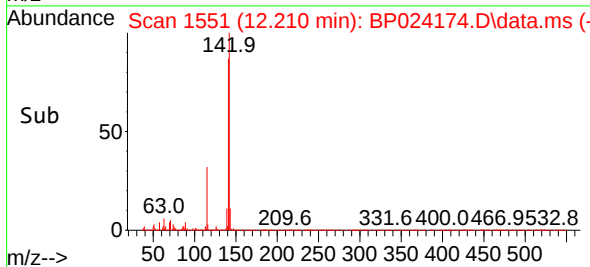
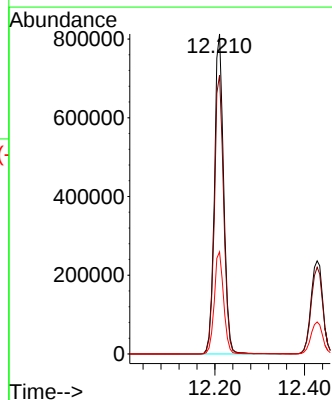
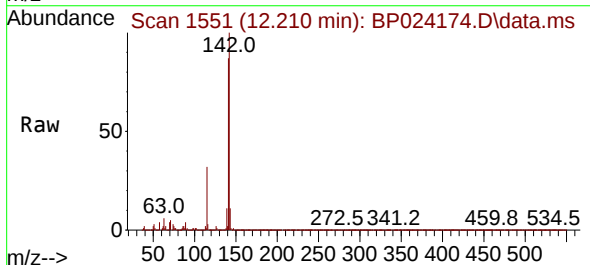
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BNA_P
ClientSampleId :
PT-BN-WPDL

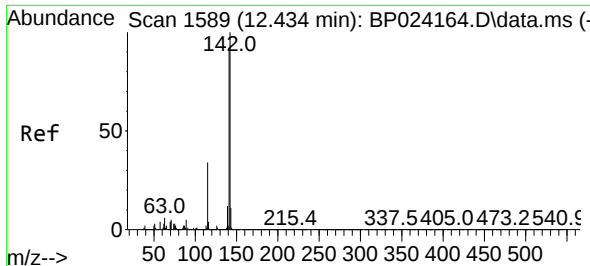
Tgt Ion:128 Resp: 361608
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.4 15.6



#37
2-Methylnaphthalene
Concen: 22.804 ng
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:142 Resp: 1158372
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5
115 31.9 26.0 39.0

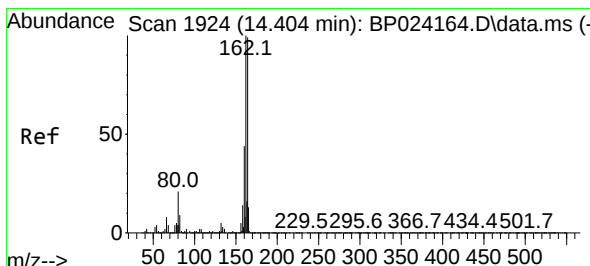
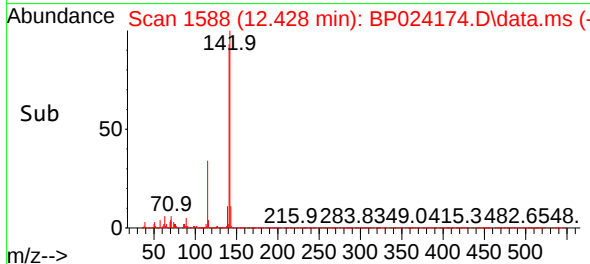
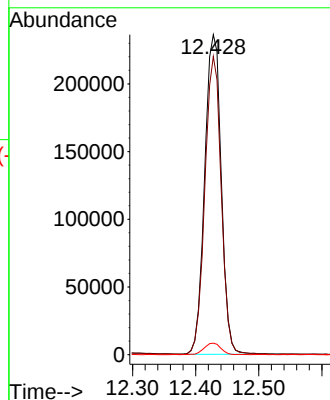
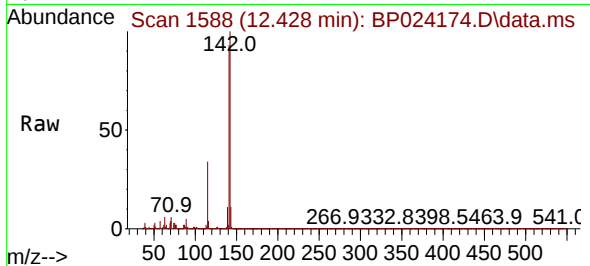




#38
1-Methylnaphthalene
Concen: 8.711 ng
RT: 12.428 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

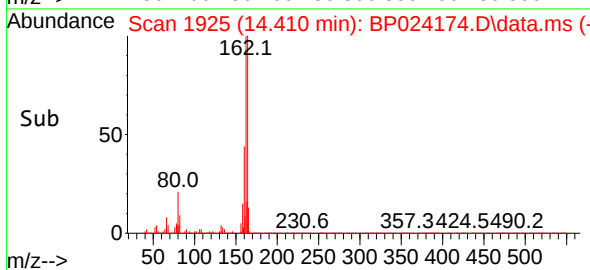
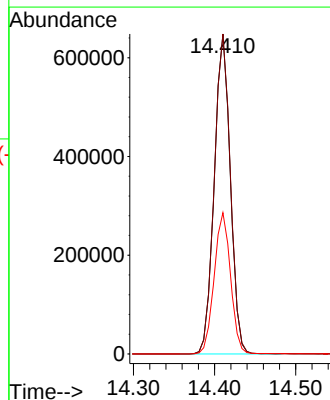
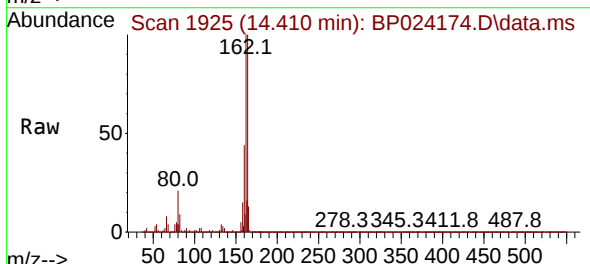
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

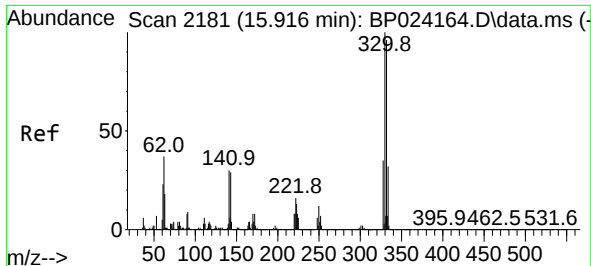
Tgt Ion:142 Resp: 430404
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9
116 3.6 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:164 Resp: 889546
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.2 35.4 53.2

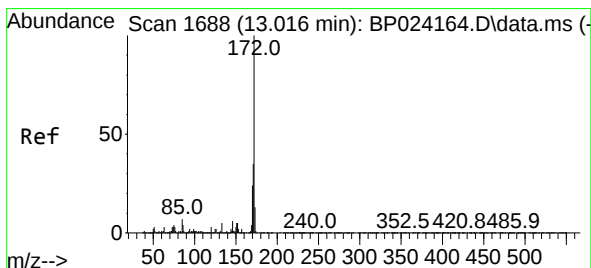
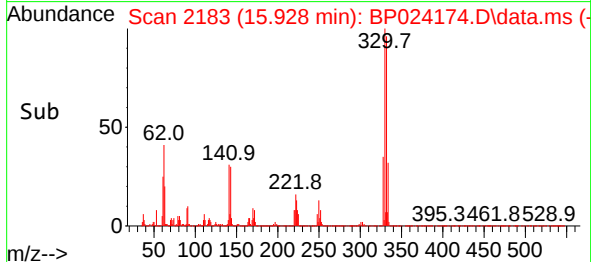
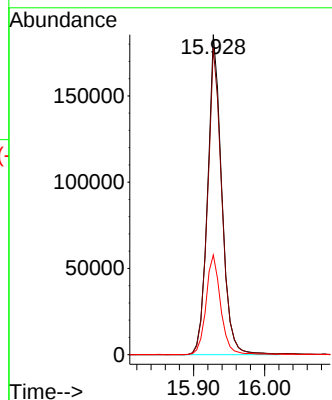
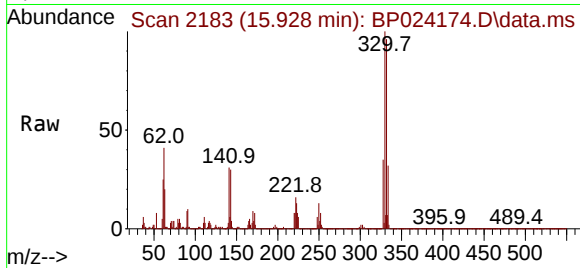




#42
2,4,6-Tribromophenol
Concen: 22.927 ng
RT: 15.928 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

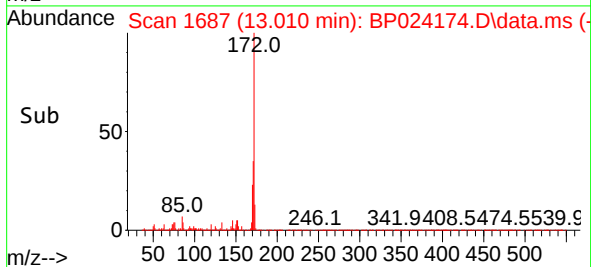
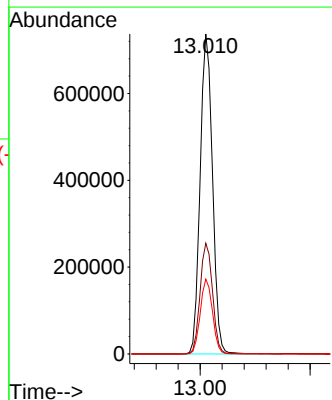
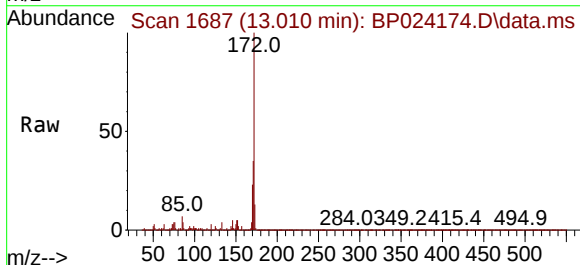
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

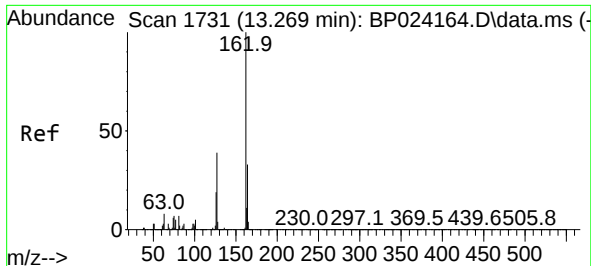
Tgt Ion	330	Resp	256901
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.6	116.4
141	32.2	25.0	37.6



#45
2-Fluorobiphenyl
Concen: 19.072 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion	172	Resp	1150538
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.3	42.5
170	23.4	19.0	28.4

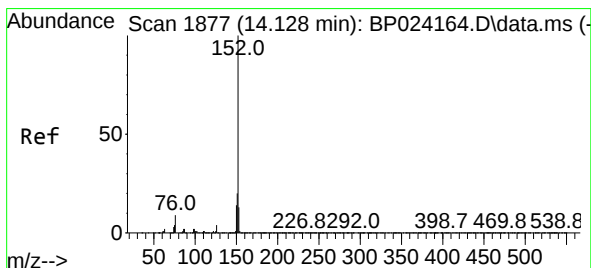
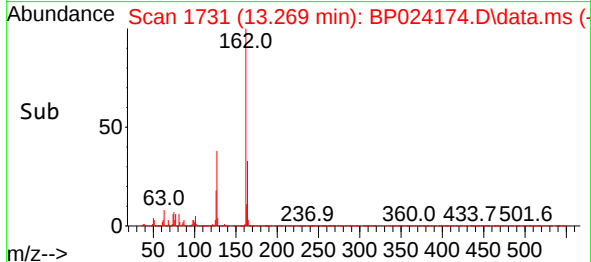
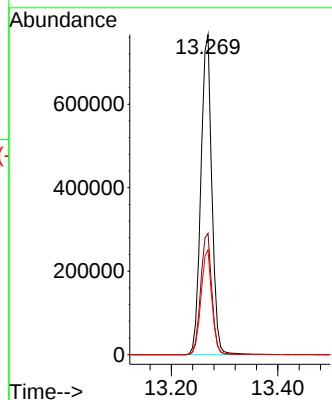
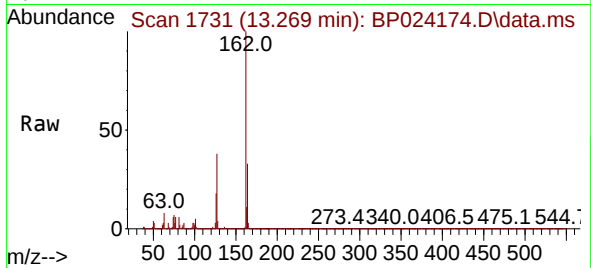




#47
2-Chloronaphthalene
Concen: 21.823 ng
RT: 13.269 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

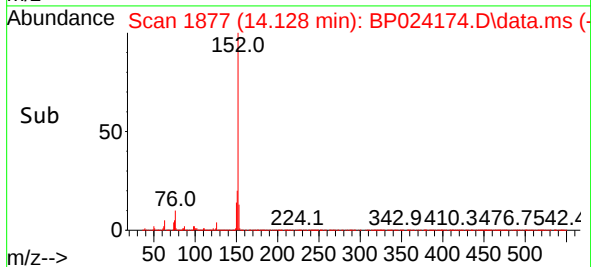
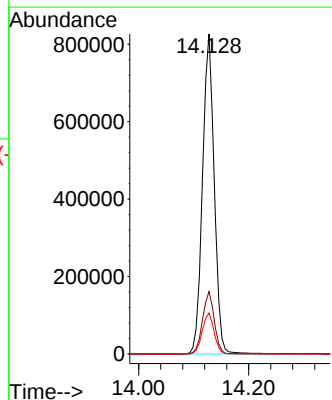
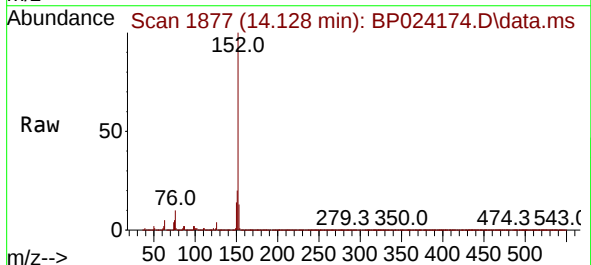
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

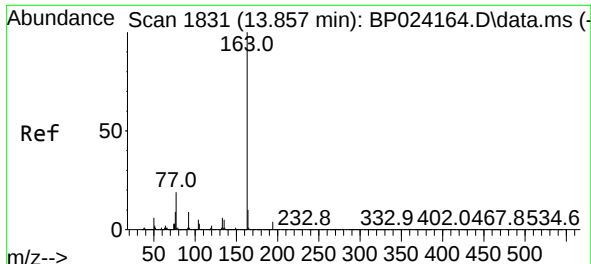
Tgt Ion:162 Resp: 1097223
Ion Ratio Lower Upper
162 100
127 37.9 31.5 47.3
164 32.7 26.6 39.8



#49
Acenaphthylene
Concen: 16.125 ng
RT: 14.128 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:152 Resp: 1226745
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 12.8 10.6 15.8

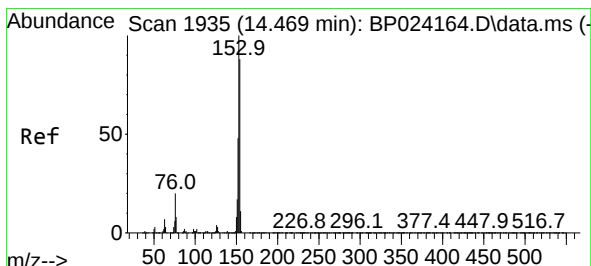
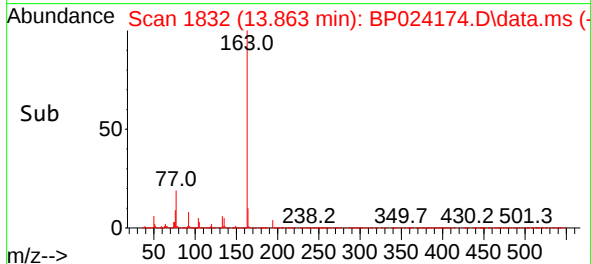
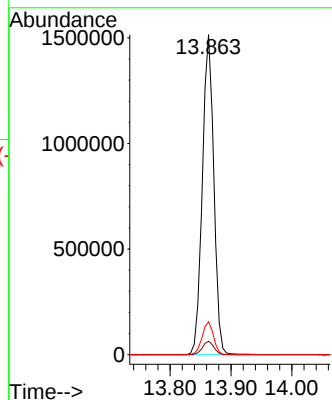
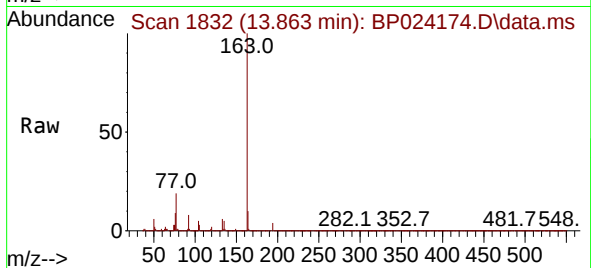




#50
Dimethylphthalate
Concen: 31.877 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

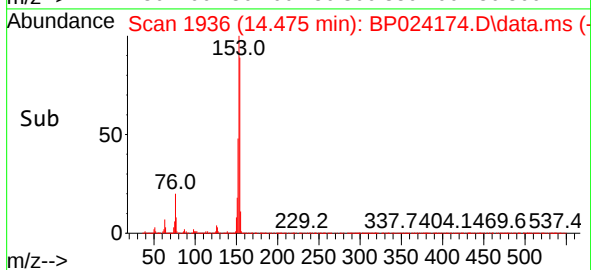
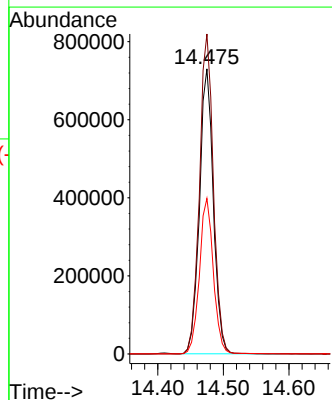
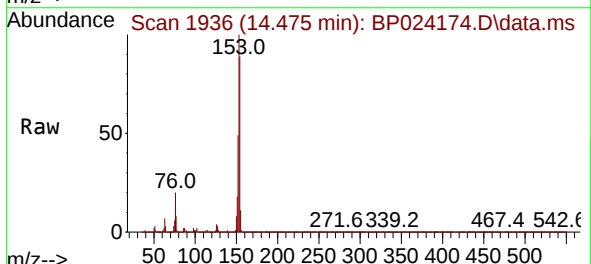
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

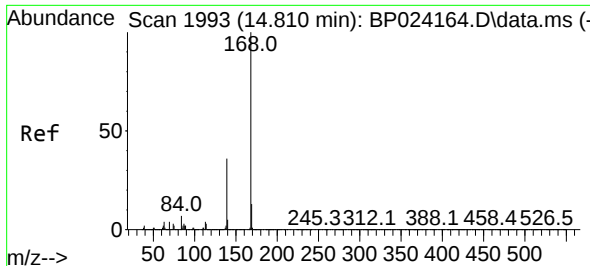
Tgt Ion:163 Resp: 1984111
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.4



#52
Acenaphthene
Concen: 22.158 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:154 Resp: 1077064
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 54.5 43.1 64.7

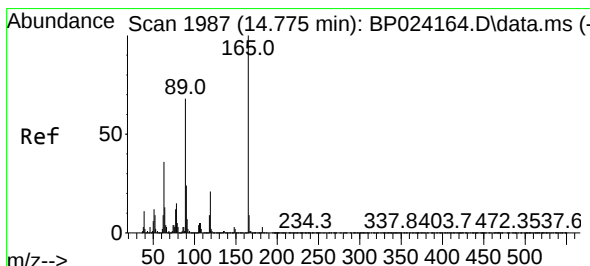
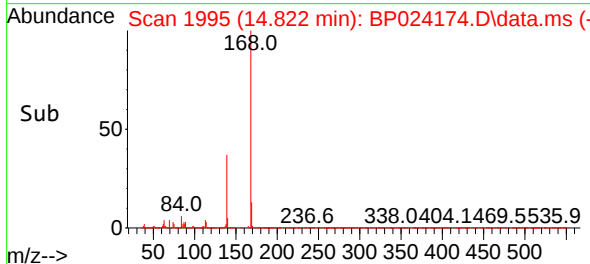
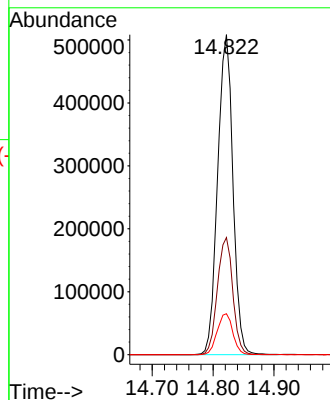
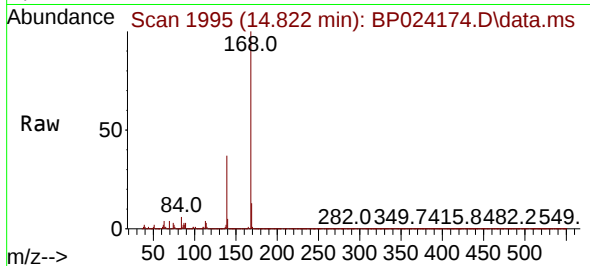




#55
Dibenzenofuran
Concen: 11.240 ng
RT: 14.822 min Scan# 1995
Delta R.T. 0.012 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

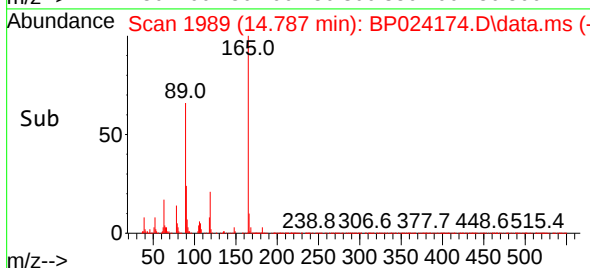
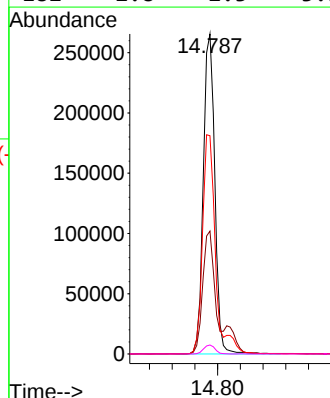
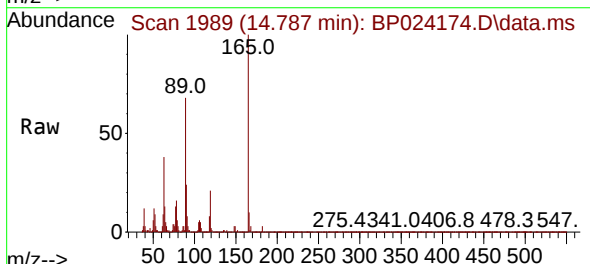
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

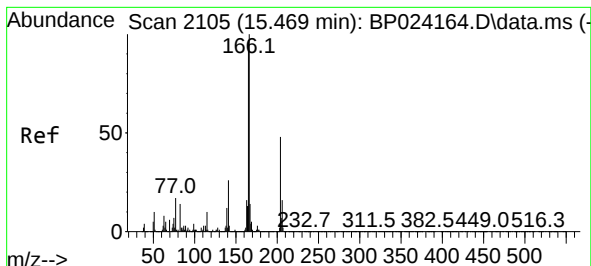
Tgt Ion:168 Resp: 885034
Ion Ratio Lower Upper
168 100
139 36.6 29.1 43.7
169 12.8 10.8 16.2



#57
2,4-Dinitrotoluene
Concen: 21.528 ng
RT: 14.787 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:165 Resp: 372410
Ion Ratio Lower Upper
165 100
63 38.4 29.0 43.6
89 68.2 54.2 81.4
182 2.8 2.3 3.5





#58

Fluorene

Concen: 33.090 ng

RT: 15.487 min Scan# 2108

Delta R.T. 0.018 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

Instrument :

BNA_P

ClientSampleId :

PT-BN-WPDL

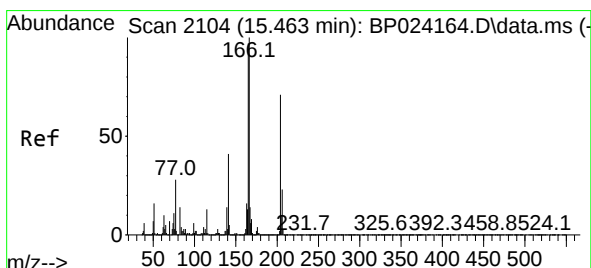
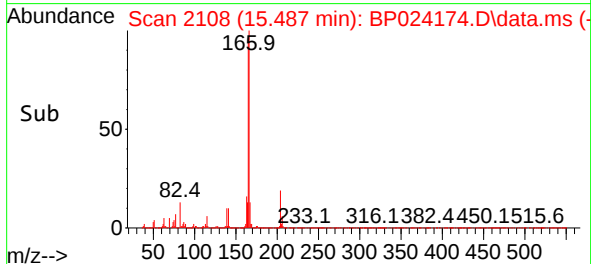
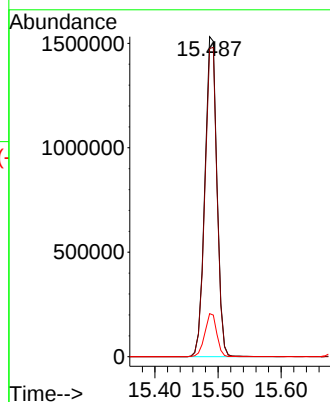
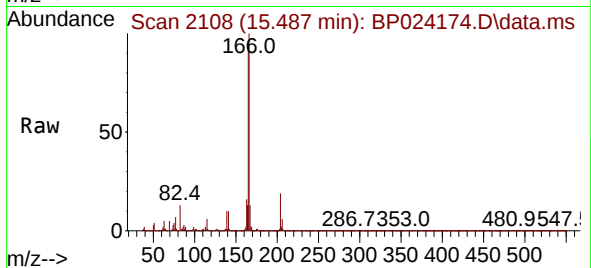
Tgt Ion:166 Resp: 2029975

Ion Ratio Lower Upper

166 100

165 96.3 77.6 116.4

167 13.5 10.8 16.2



#61

4-Chlorophenyl-phenylether

Concen: 33.642 ng

RT: 15.475 min Scan# 2106

Delta R.T. 0.012 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

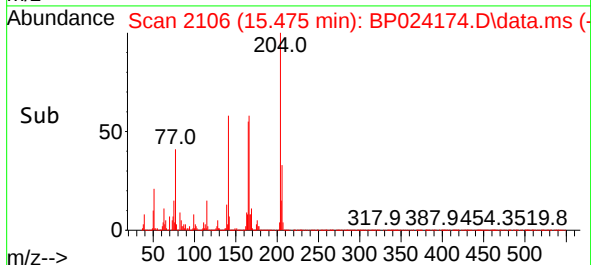
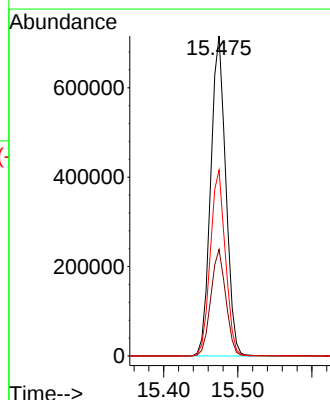
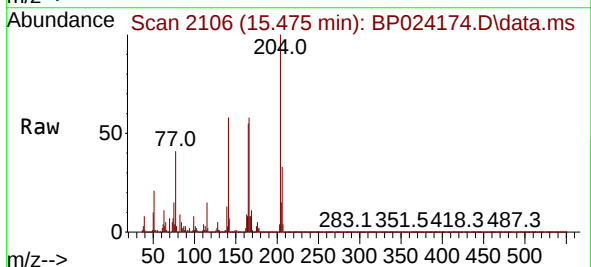
Tgt Ion:204 Resp: 1012259

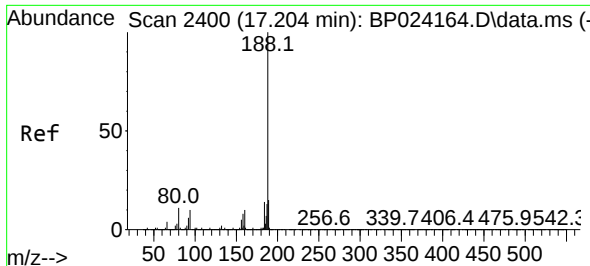
Ion Ratio Lower Upper

204 100

206 33.3 26.4 39.6

141 58.1 45.8 68.8

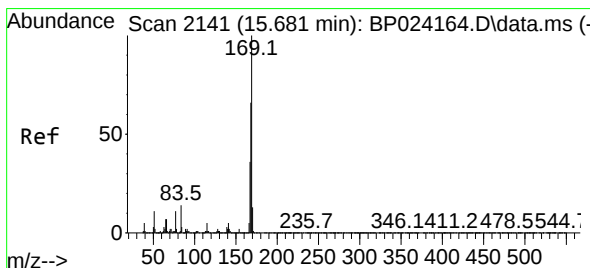
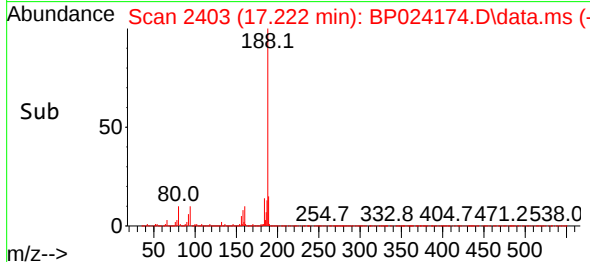
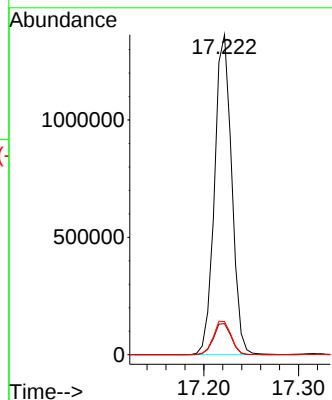
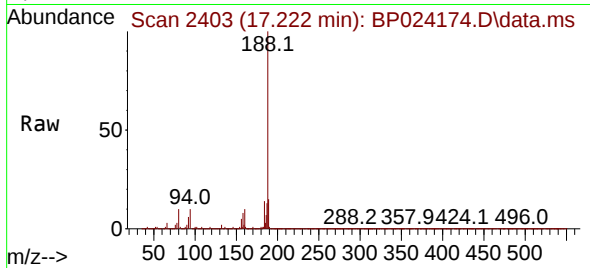




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.018 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

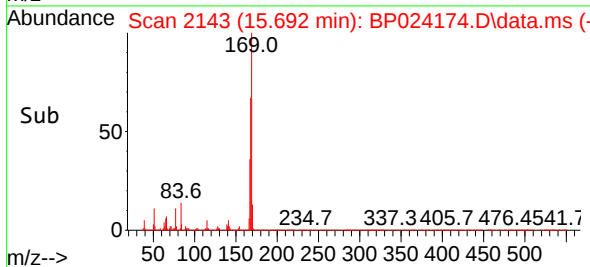
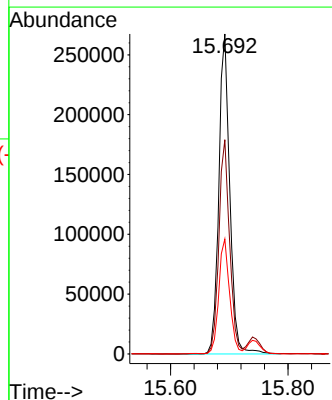
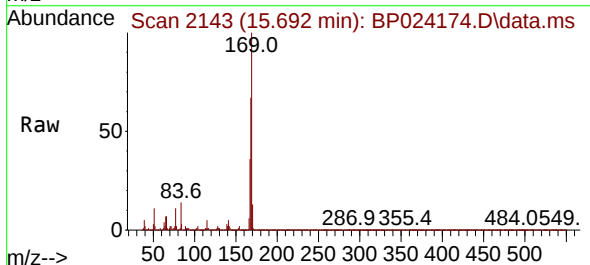
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

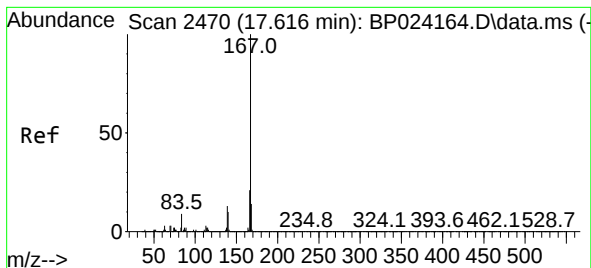
Tgt Ion:188 Resp: 1714495
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.4 8.9 13.3



#66
n-Nitrosodiphenylamine
Concen: 6.627 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:169 Resp: 345022
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 35.9 28.8 43.2





#73

Carbazole

Concen: 13.153 ng

RT: 17.634 min Scan# 2470

Delta R.T. 0.018 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

Instrument :

BNA_P

ClientSampleId :

PT-BN-WPDL

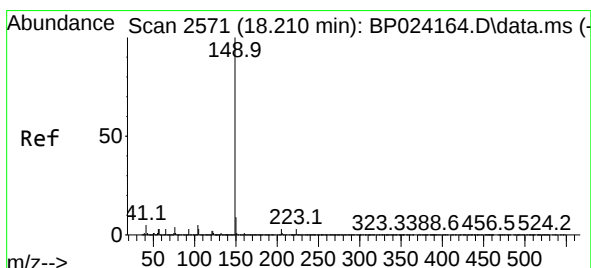
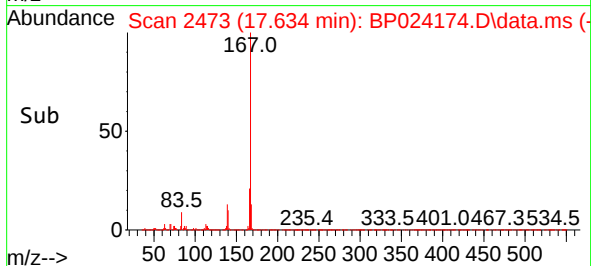
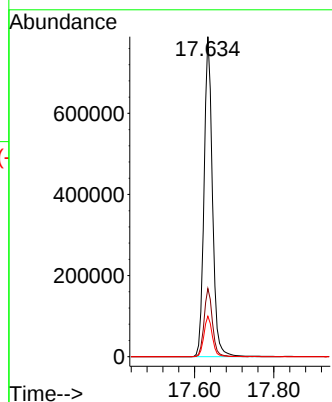
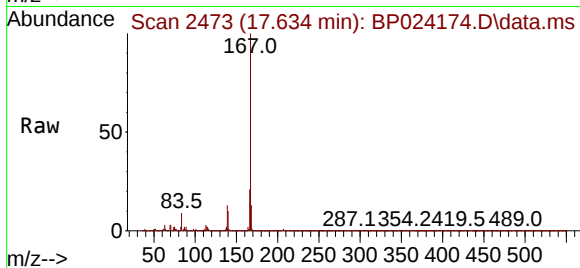
Tgt Ion:167 Resp: 1157106

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 22.106 ng

RT: 18.222 min Scan# 2573

Delta R.T. 0.012 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

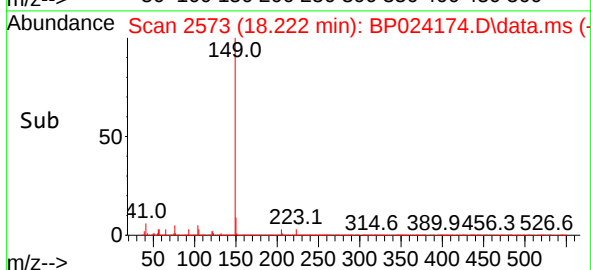
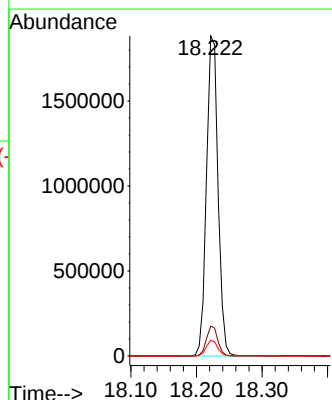
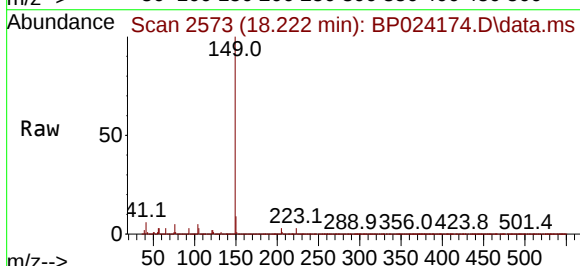
Tgt Ion:149 Resp: 2308580

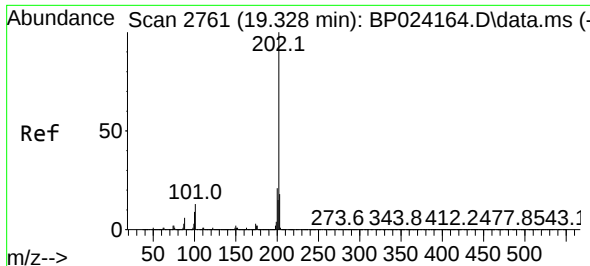
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.9 3.9 5.9

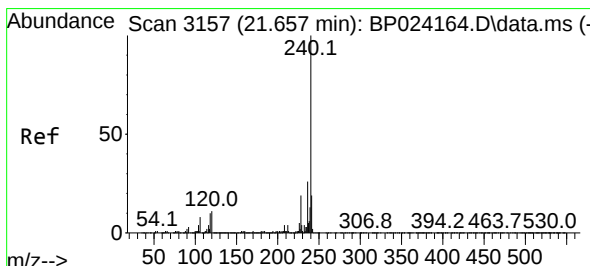
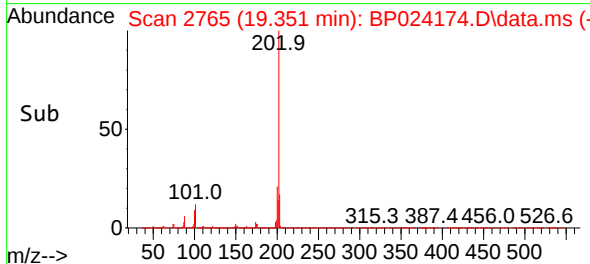
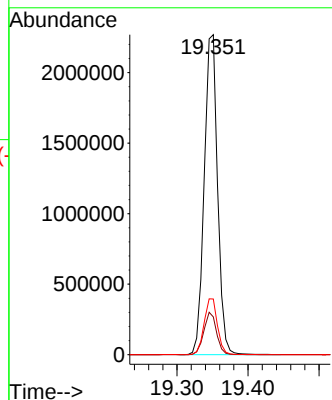
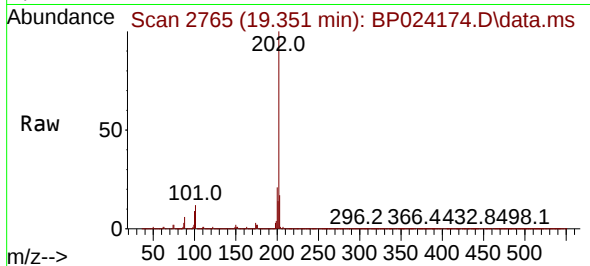




#75
Fluoranthene
Concen: 27.371 ng
RT: 19.351 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

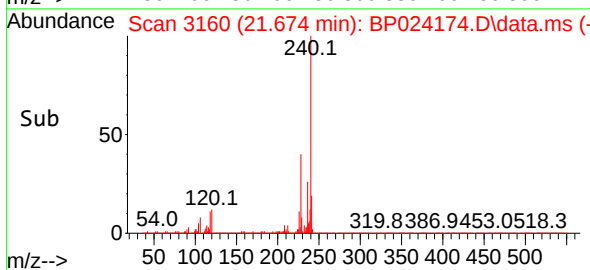
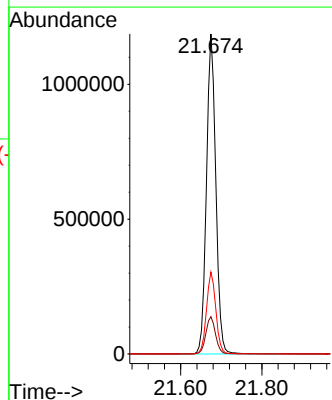
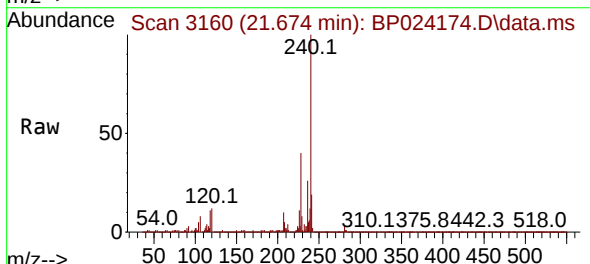
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

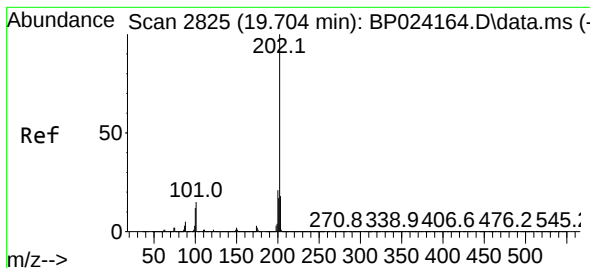
Tgt Ion:202 Resp: 2969094
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.5
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3160
Delta R.T. 0.018 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:240 Resp: 1887366
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.6 20.4 30.6





#78

Pyrene

Concen: 31.762 ng

RT: 19.728 min Scan# 2825

Delta R.T. 0.023 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

Instrument :

BNA_P

ClientSampleId :

PT-BN-WPDL

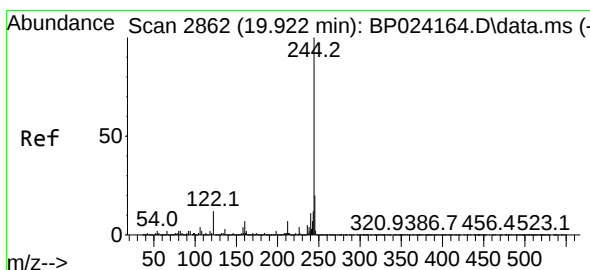
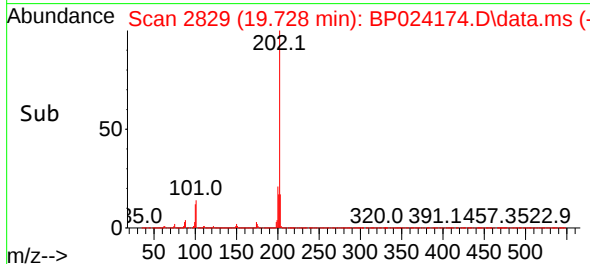
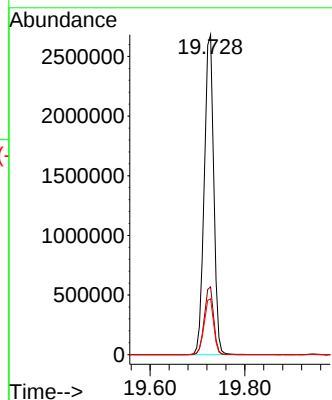
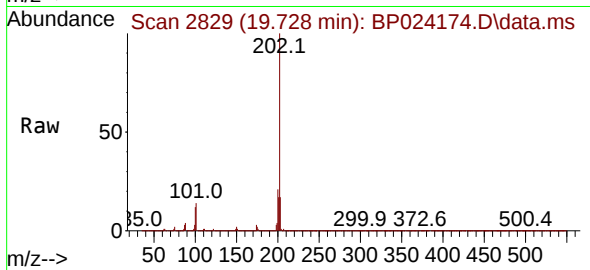
Tgt Ion:202 Resp: 3726848

Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.5 14.2 21.4



#79

Terphenyl-d14

Concen: 20.700 ng

RT: 19.945 min Scan# 2866

Delta R.T. 0.023 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

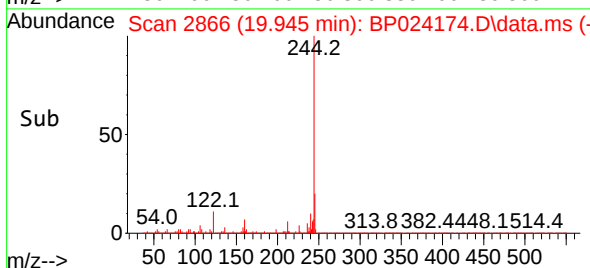
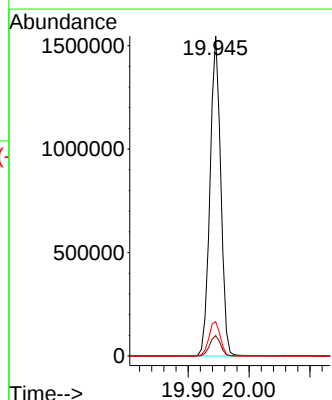
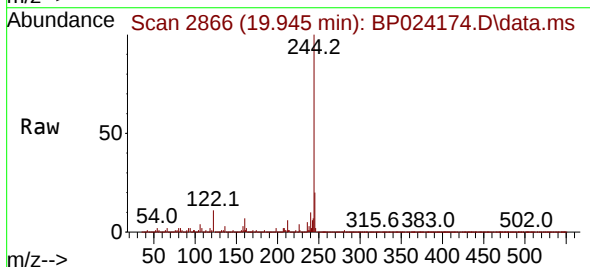
Tgt Ion:244 Resp: 1892676

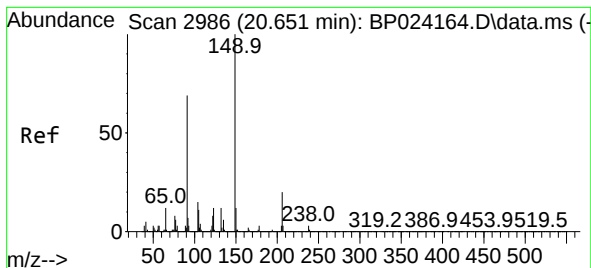
Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 10.7 9.6 14.4





#80

Butylbenzylphthalate

Concen: 35.208 ng

RT: 20.675 min Scan# 2986

Delta R.T. 0.023 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

Instrument :

BNA_P

ClientSampleId :

PT-BN-WPDL

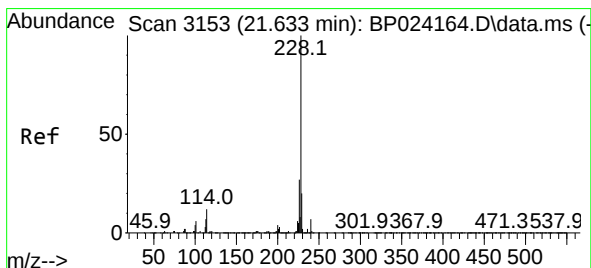
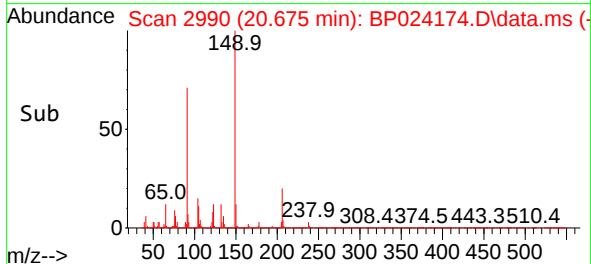
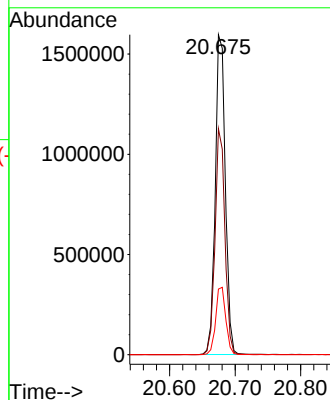
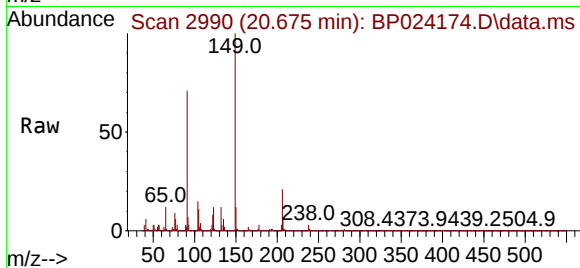
Tgt Ion:149 Resp: 1703614

Ion Ratio Lower Upper

149 100

91 70.6 55.3 82.9

206 20.5 16.1 24.1



#81

Benzo(a)anthracene

Concen: 34.161 ng

RT: 21.657 min Scan# 3157

Delta R.T. 0.023 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

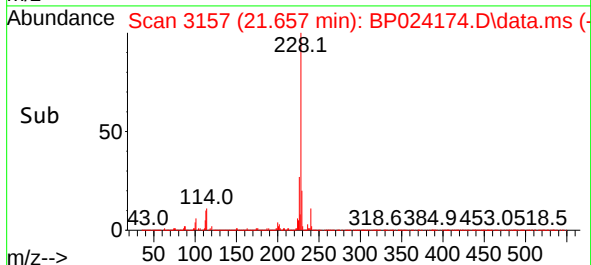
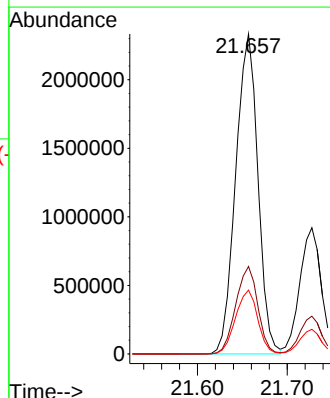
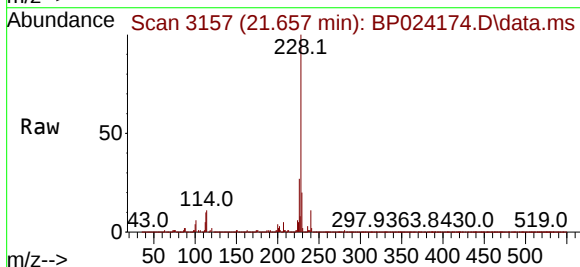
Tgt Ion:228 Resp: 4008591

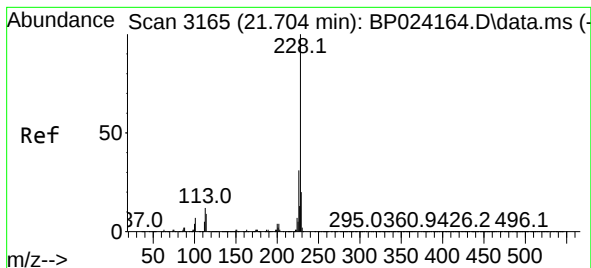
Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.9 16.0 24.0





#83

Chrysene

Concen: 13.647 ng

RT: 21.727 min Scan# 3169

Delta R.T. 0.023 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

Instrument :

BNA_P

ClientSampleId :

PT-BN-WPDL

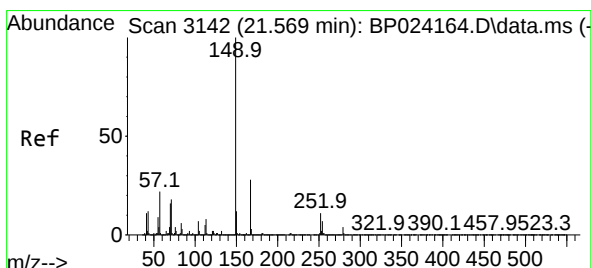
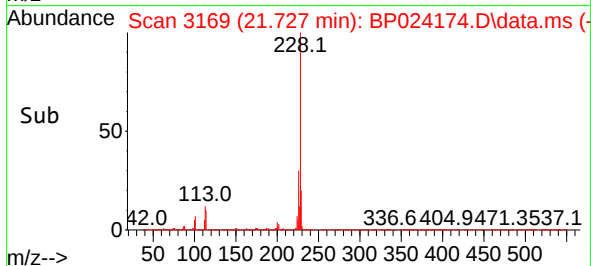
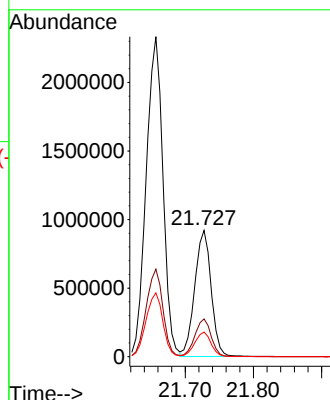
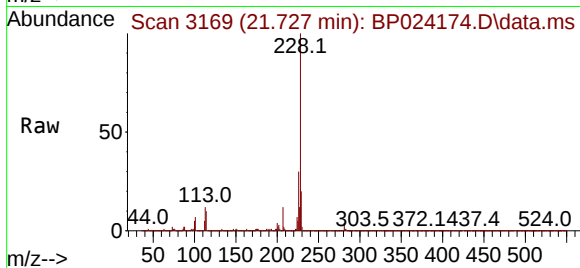
Tgt Ion:228 Resp: 1539379

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.693 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.023 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

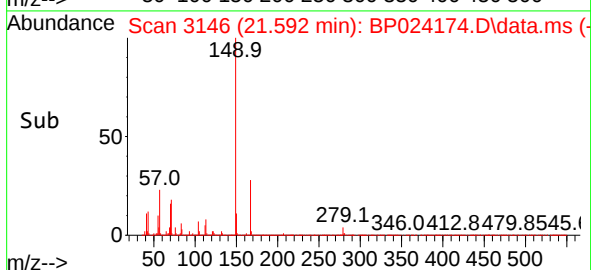
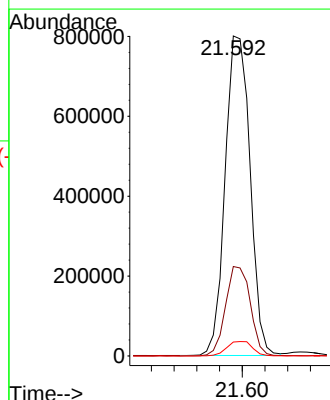
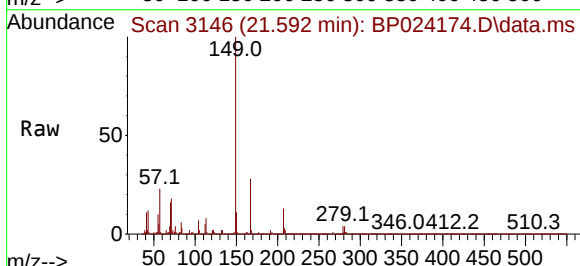
Tgt Ion:149 Resp: 1218780

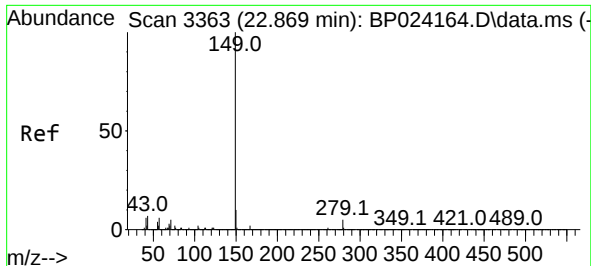
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.4 3.6 5.4

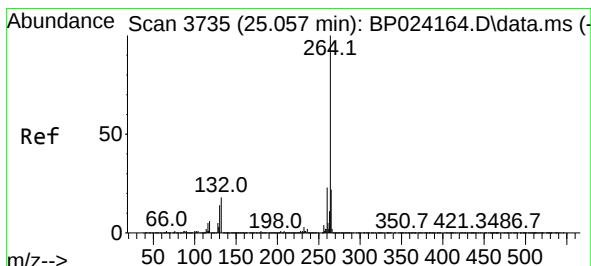
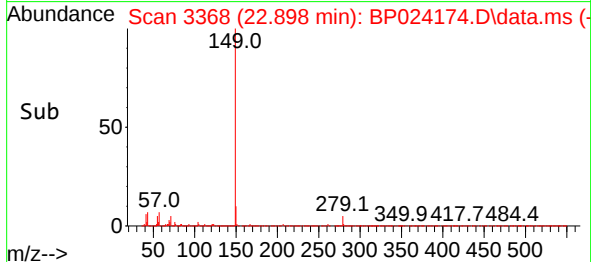
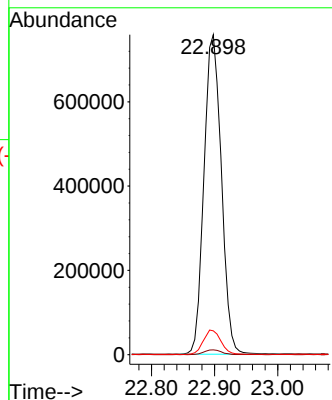
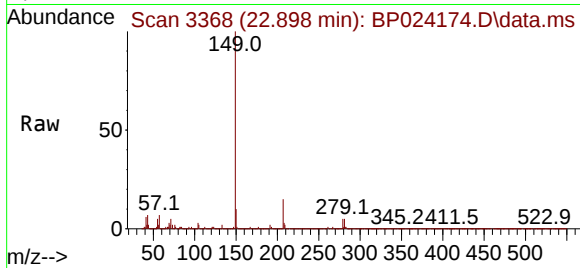




#85
Di-n-octyl phthalate
Concen: 12.390 ng
RT: 22.898 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

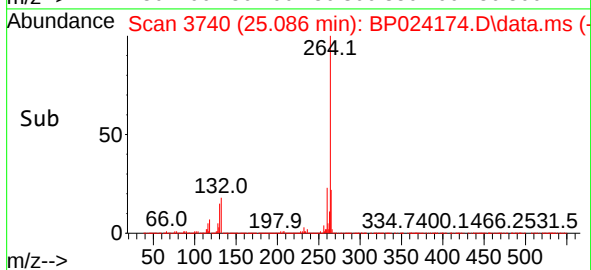
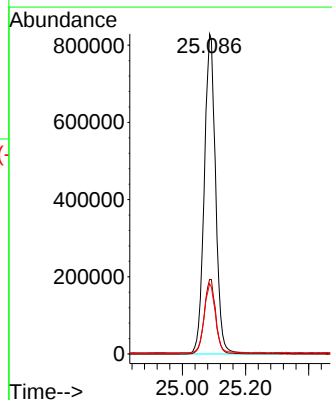
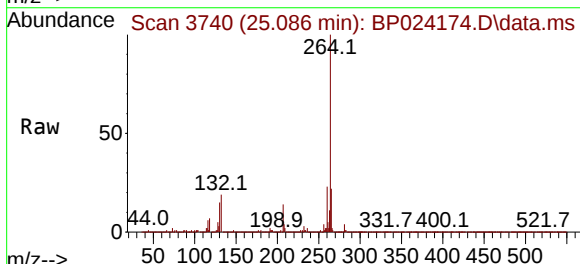
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

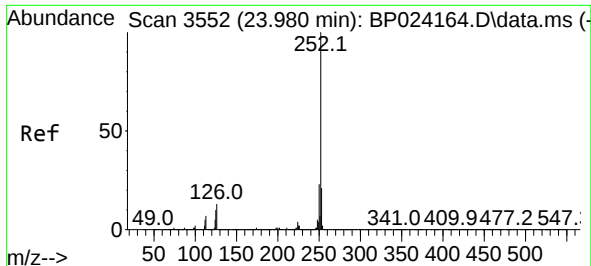
Tgt Ion:149 Resp: 1449396
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.7 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.086 min Scan# 3740
Delta R.T. 0.029 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:264 Resp: 2063786
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 22.0 17.7 26.5

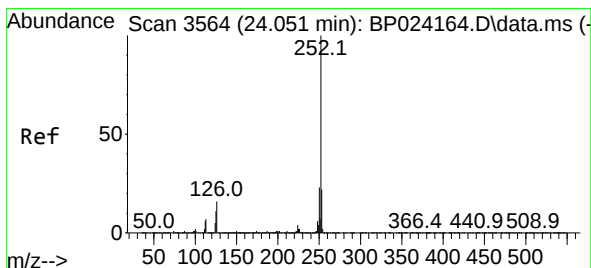
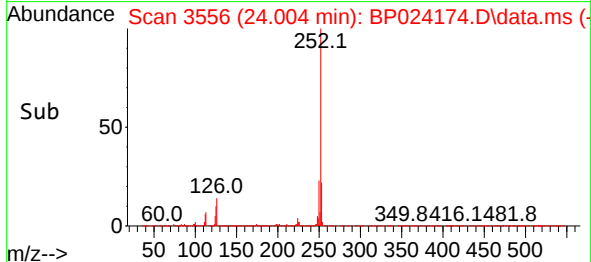
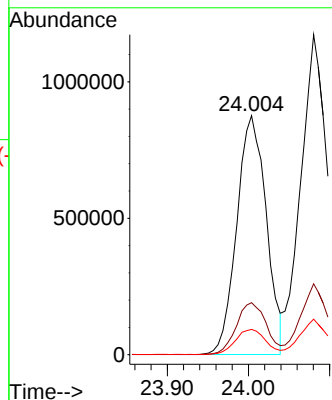
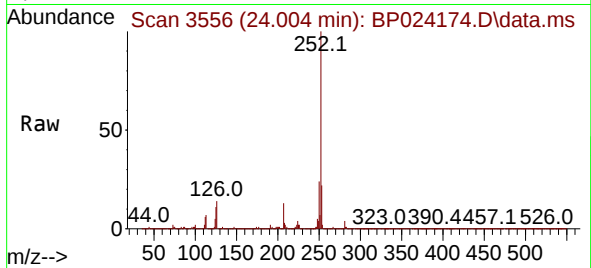




#88
Benzo(b)fluoranthene
Concen: 17.769 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.023 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

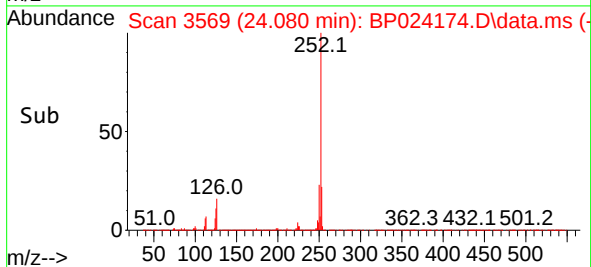
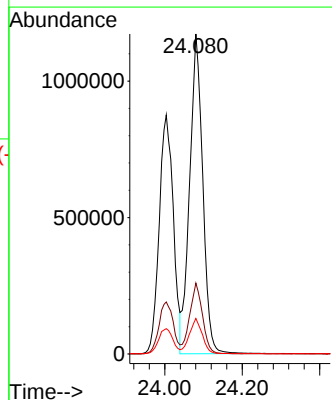
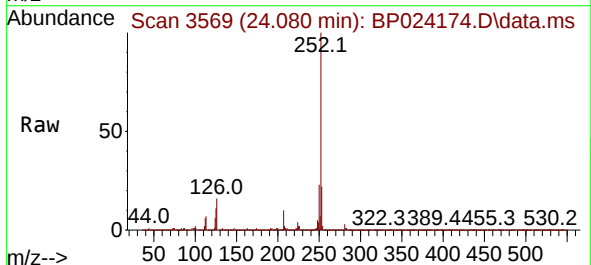
Instrument :
BNA_P
ClientSampleId :
PT-BN-WPDL

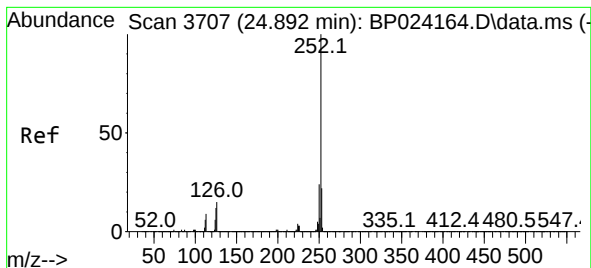
Tgt Ion:252 Resp: 2211070
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.6 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 22.596 ng
RT: 24.080 min Scan# 3569
Delta R.T. 0.029 min
Lab File: BP024174.D
Acq: 13 Mar 2025 12:37

Tgt Ion:252 Resp: 2750384
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.1 9.1 13.7





#90

Benzo(a)pyrene

Concen: 12.272 ng

RT: 24.927 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

Instrument :

BNA_P

ClientSampleId :

PT-BN-WPDL

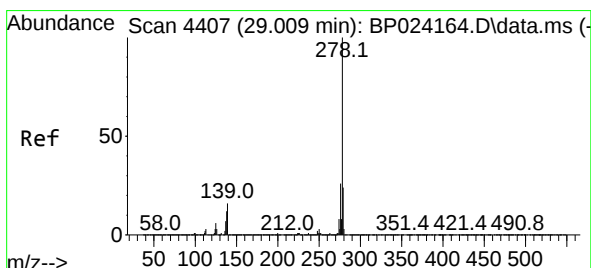
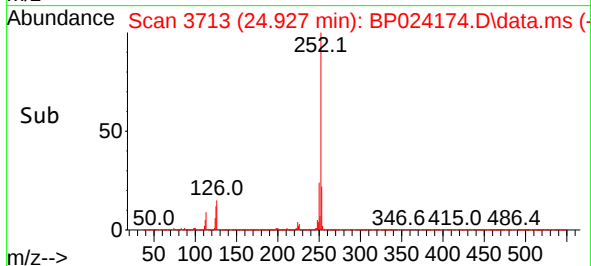
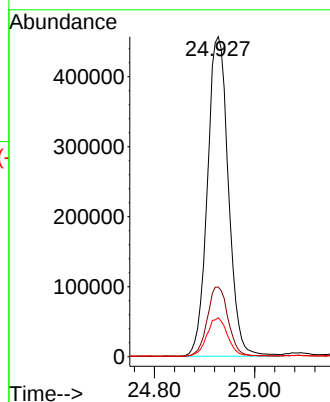
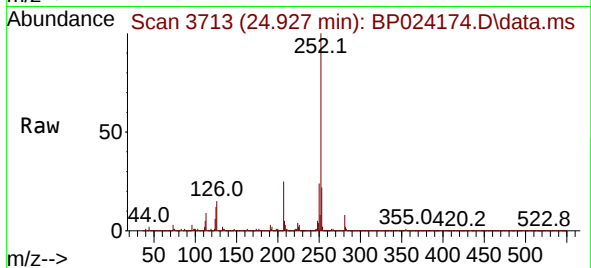
Tgt Ion:252 Resp: 1327891

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 12.2 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 31.223 ng

RT: 29.051 min Scan# 4414

Delta R.T. 0.041 min

Lab File: BP024174.D

Acq: 13 Mar 2025 12:37

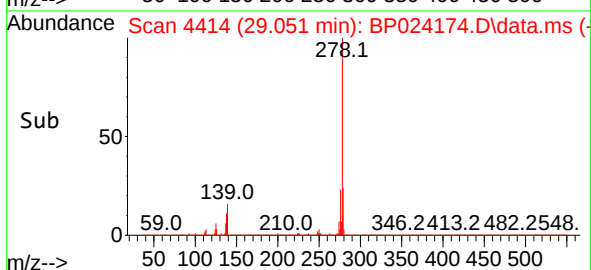
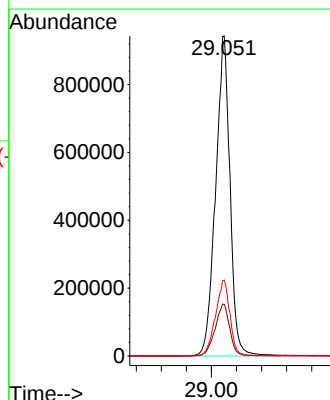
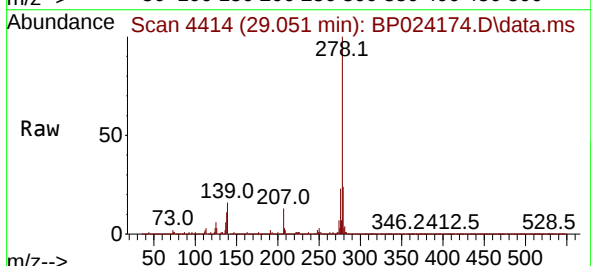
Tgt Ion:278 Resp: 3741481

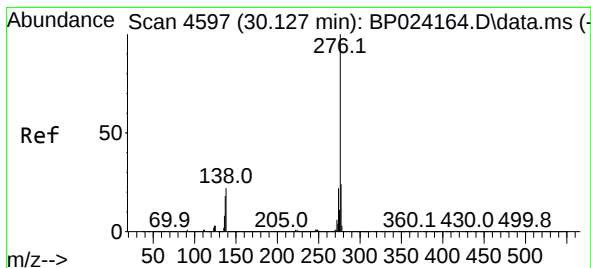
Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.4

279 23.7 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 15.894 ng

RT: 30.156 min Scan# 4

Delta R.T. 0.029 min

Lab File: BP024174.D

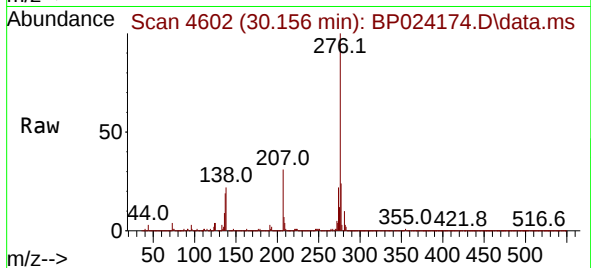
Acq: 13 Mar 2025 12:37

Instrument :

BNA_P

ClientSampleId :

PT-BN-WPDL



Tgt Ion:276 Resp: 1936128

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 21.6 17.4 26.2

