

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031325\
 Data File : BP024173.D
 Acq On : 13 Mar 2025 11:43
 Operator : RC/JU
 Sample : Q1502-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-BN-WP

Quant Time: Mar 13 12:05:14 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	7.769	152	282471	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1246096	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	868361	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1716730	20.000	ng	0.00
76) Chrysene-d12	21.680	240	1806266	20.000	ng	0.02
86) Perylene-d12	25.069	264	2004715	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2882843	162.913	ng	0.00
7) Phenol-d6	6.952	99	3839363	162.248	ng	0.00
23) Nitrobenzene-d5	8.916	82	2264721	102.543	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1313618	120.095	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5483039	93.105	ng	0.00
79) Terphenyl-d14	19.934	244	8665823	99.034	ng	0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.623	42	508179	79.335	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	2074983	110.146	ng	99
13) 1,4-Dichlorobenzene	7.811	146	3743658	177.884	ng	100
14) 1,2-Dichlorobenzene	8.122	146	3307162	163.756	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	2655869	138.133	ng	98
18) Hexachloroethane	8.846	117	691717	92.642	ng	97
19) n-Nitroso-di-n-propyla...	8.569	70	1425191	103.815	ng	100
31) Naphthalene	10.599	128	1708173	25.860	ng	100
37) 2-Methylnaphthalene	12.216	142	5453886	122.218	ng	100
38) 1-Methylnaphthalene	12.434	142	2099581	48.374	ng	99
47) 2-Chloronaphthalene	13.275	162	5222144	106.397	ng	99
49) Acenaphthylene	14.128	152	6112779	82.309	ng	99
50) Dimethylphthalate	13.863	163	9269453	152.556	ng	99
52) Acenaphthene	14.475	154	5088006	107.227	ng	99
55) Dibenzofuran	14.810	168	4245921	55.241	ng	99
57) 2,4-Dinitrotoluene	14.787	165	2210484	130.899	ng	98
58) Fluorene	15.481	166	8418085	140.570	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	4468980	152.150	ng	97
66) n-Nitrosodiphenylamine	15.693	169	1709405	32.790	ng	99
73) Carbazole	17.640	167	5884945	66.807	ng	99
74) Di-n-butylphthalate	18.228	149	10980907	105.010	ng	99
75) Fluoranthene	19.345	202	12684856	116.784	ng	92
78) Pyrene	19.722	202	14031057	124.949	ng	# 85
80) Butylbenzylphthalate	20.675	149	8036754	173.549	ng	# 95
81) Benzo(a)anthracene	21.657	228	16656918	148.325	ng	95
83) Chrysene	21.722	228	7102089	65.786	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	6527806	93.422	ng	98
85) Di-n-octyl phthalate	22.892	149	8144920	72.753	ng	100
88) Benzo(b)fluoranthene	24.010	252	11010020	91.088	ng	97
89) Benzo(k)fluoranthene	24.092	252	12951857	109.542	ng	98
90) Benzo(a)pyrene	24.927	252	6785870	64.562	ng	100
91) Dibenzo(a,h)anthracene	29.074	278	18899311	162.364	ng	98
92) Benzo(g,h,i)perylene	30.174	276	9948160	84.074	ng	99

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

Instrument :

BNA_P

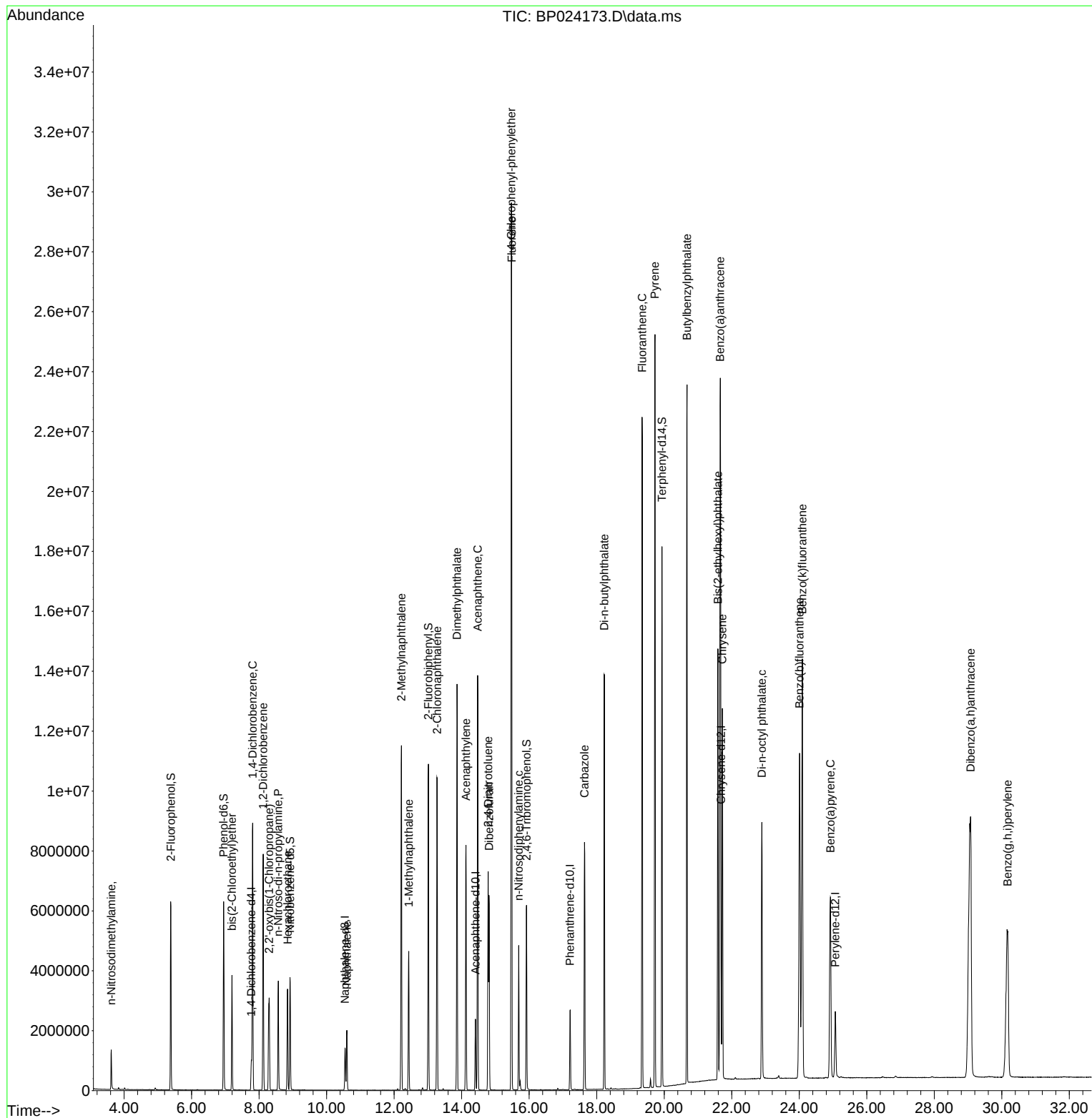
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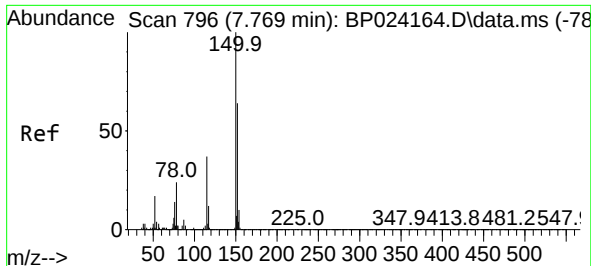
PT-BN-WP

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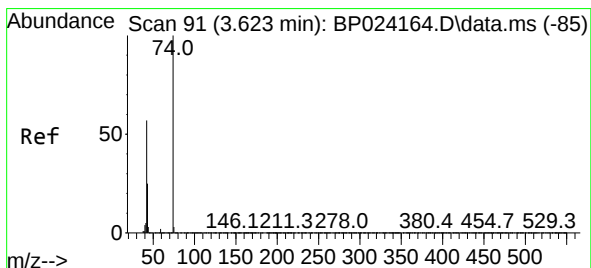
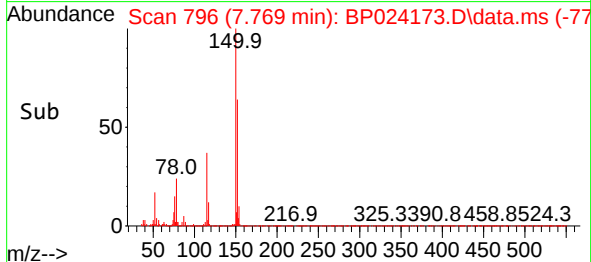
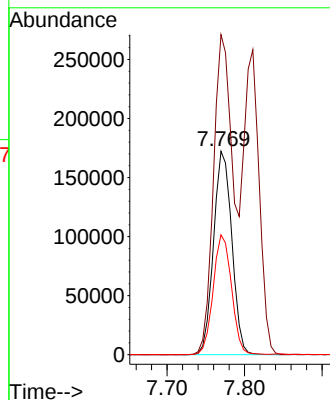
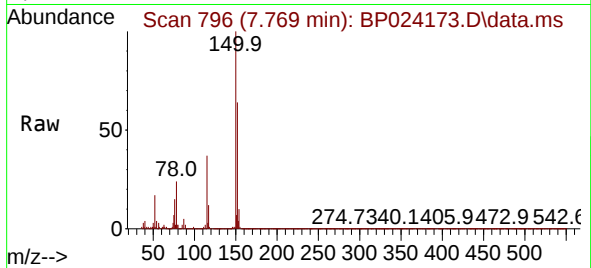




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

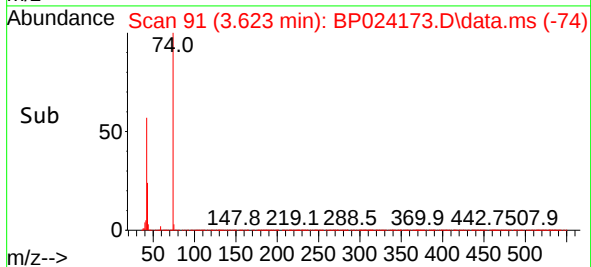
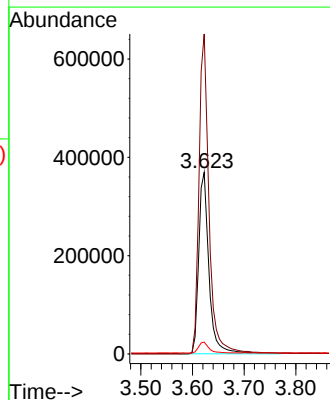
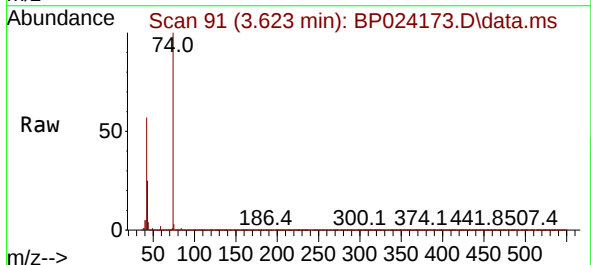
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BNA_P
ClientSampleId :
PT-BN-WP

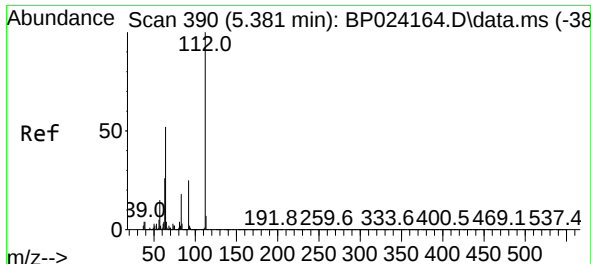
Tgt Ion:152 Resp: 282471
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 58.9 46.3 69.5



#4
n-Nitrosodimethylamine
Concen: 79.335 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion: 42 Resp: 508179
Ion Ratio Lower Upper
42 100
74 176.2 139.8 209.6
44 6.5 5.3 7.9

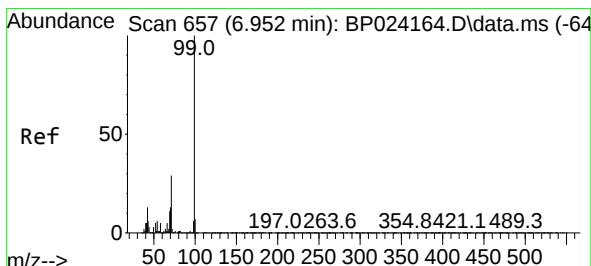
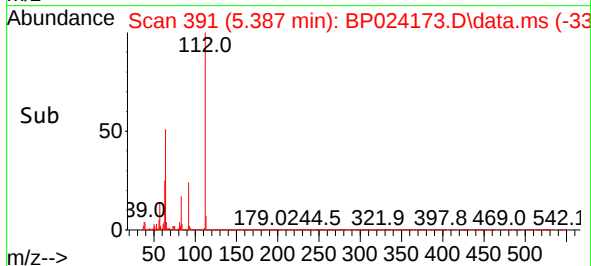
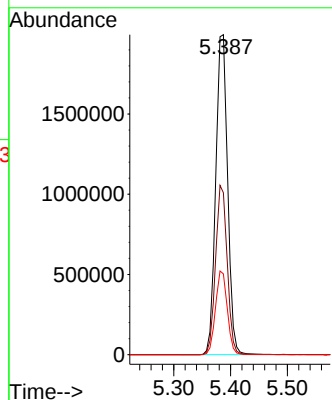
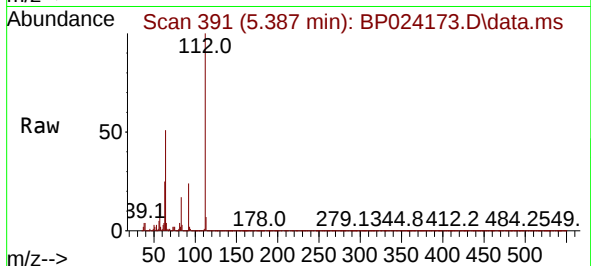




#5
2-Fluorophenol
Concen: 162.913 ng
RT: 5.387 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

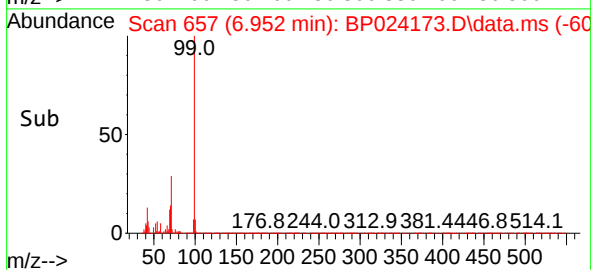
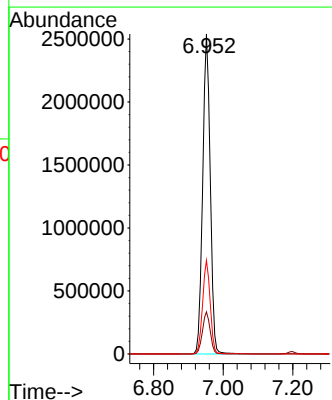
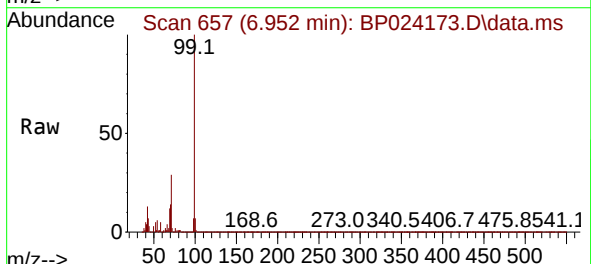
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ClientSampleId :
PT-BN-WP

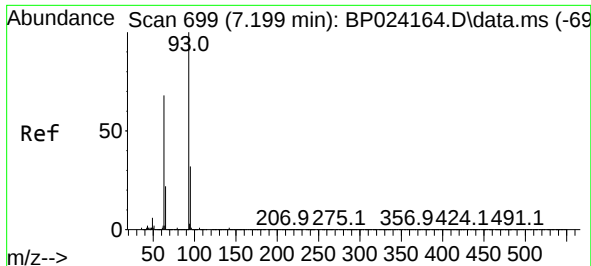
Tgt Ion:112 Resp: 2882843
Ion Ratio Lower Upper
112 100
64 50.6 41.3 61.9
63 25.2 20.6 31.0



#7
Phenol-d6
Concen: 162.248 ng
RT: 6.952 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion: 99 Resp: 3839363
Ion Ratio Lower Upper
99 100
42 13.2 10.6 16.0
71 29.2 23.3 34.9



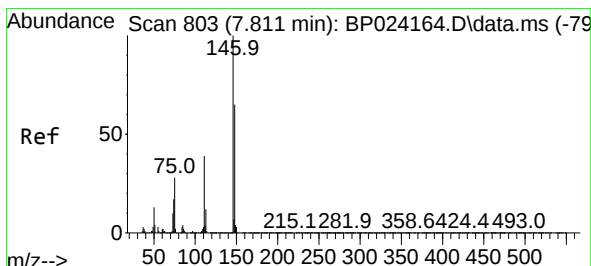
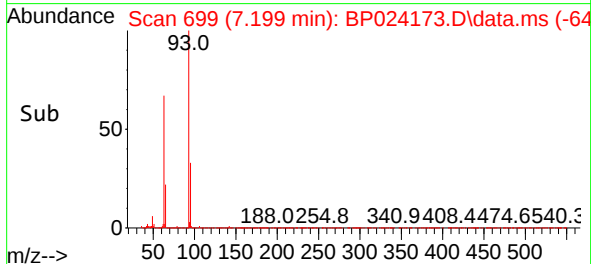
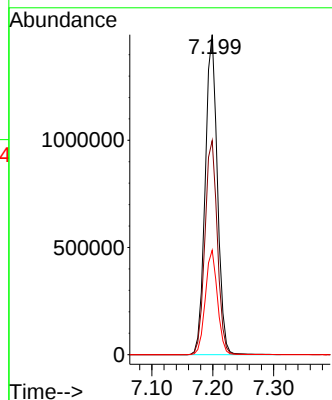
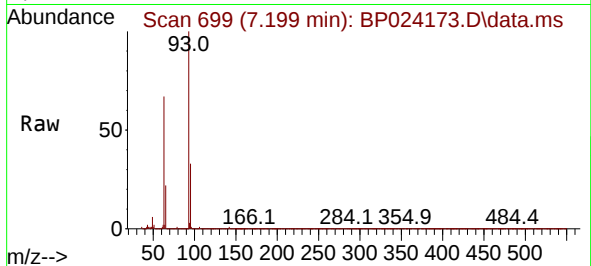


#11
 bis(2-Chloroethyl)ether
 Concen: 110.146 ng
 RT: 7.199 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: BP024173.D
 Acq: 13 Mar 2025 11:43

Instrument :
 BNA_P
 ClientSampleId :
 PT-BN-WP

Tgt Ion: 93 Resp: 2074983

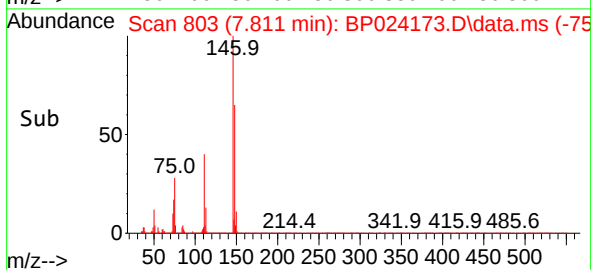
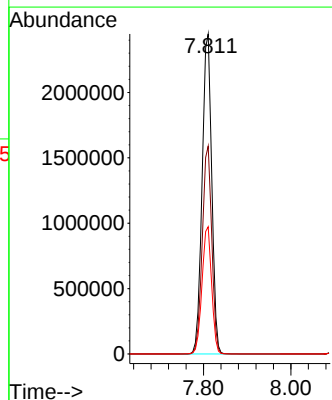
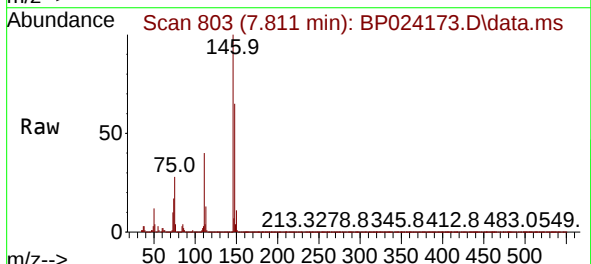
Ion	Ratio	Lower	Upper
93	100		
63	66.9	47.4	87.4
95	32.7	12.1	52.1

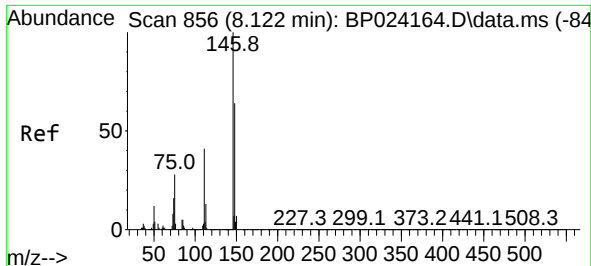


#13
 1,4-Dichlorobenzene
 Concen: 177.884 ng
 RT: 7.811 min Scan# 803
 Delta R.T. 0.000 min
 Lab File: BP024173.D
 Acq: 13 Mar 2025 11:43

Tgt Ion: 146 Resp: 3743658

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	39.7	31.4	47.2

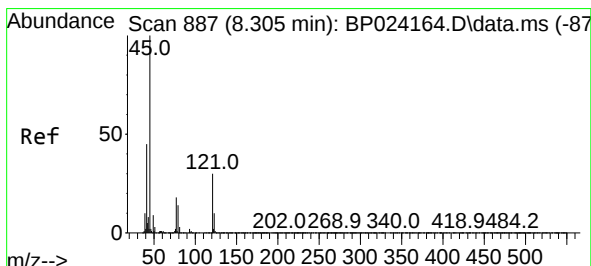
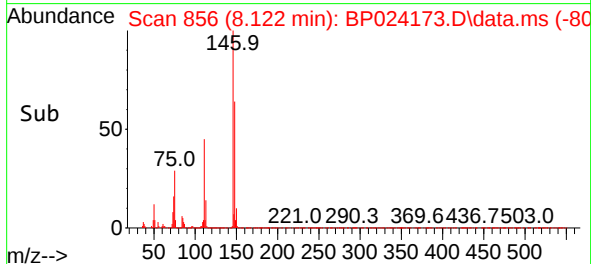
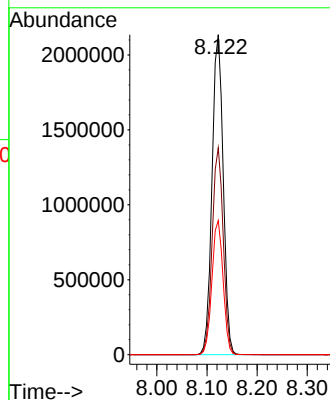
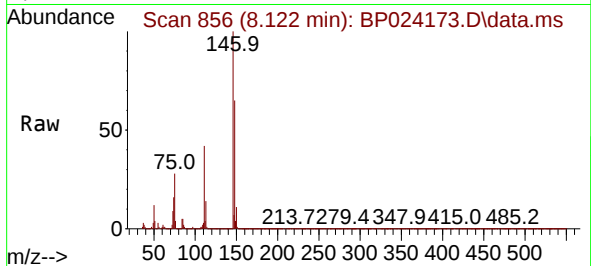




#14
1,2-Dichlorobenzene
Concen: 163.756 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

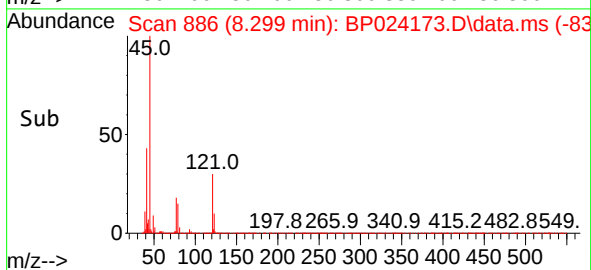
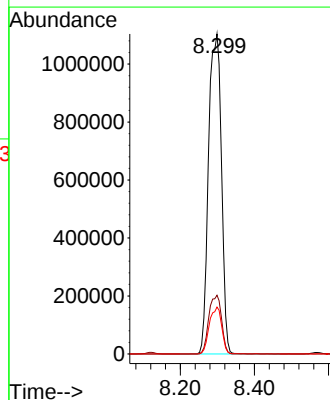
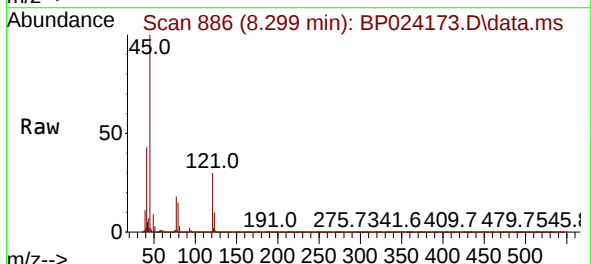
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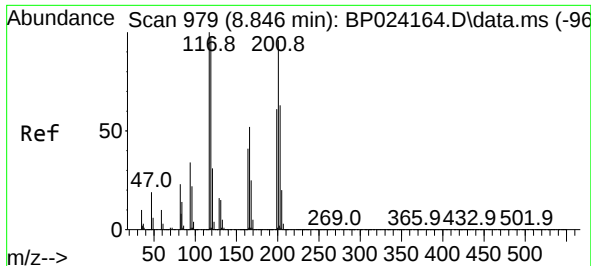
Tgt Ion:146 Resp: 3307162
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 41.9 33.2 49.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 138.133 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion: 45 Resp: 2655869
Ion Ratio Lower Upper
45 100
77 18.3 0.0 39.0
79 14.7 0.0 35.6

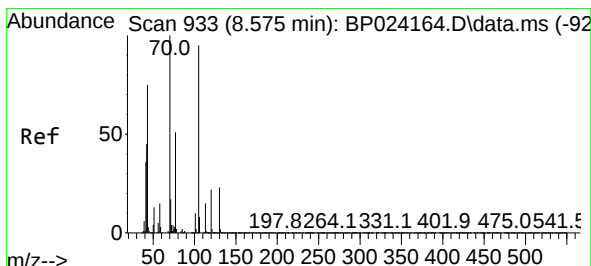
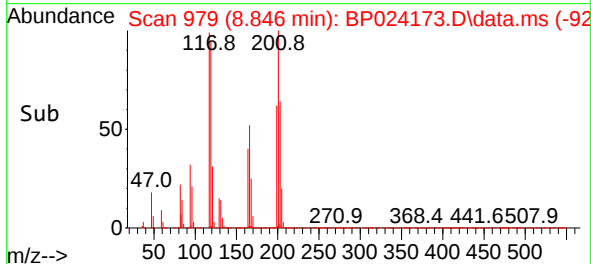
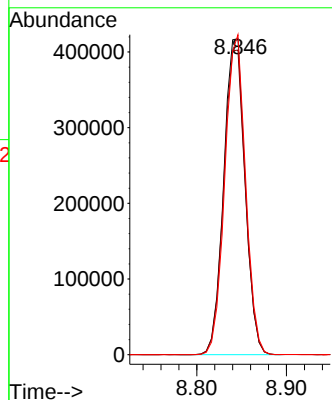
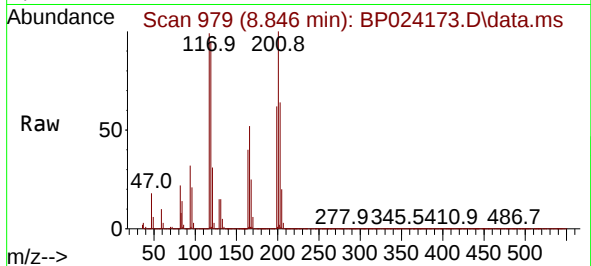




#18
Hexachloroethane
Concen: 92.642 ng
RT: 8.846 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

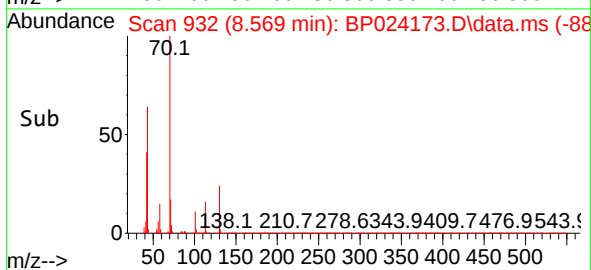
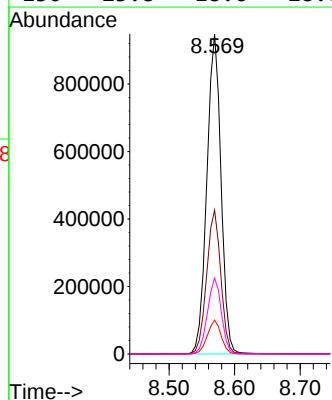
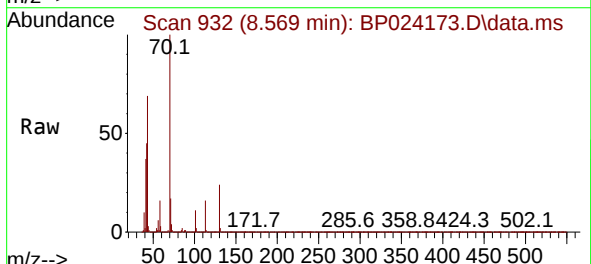
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BNA_P
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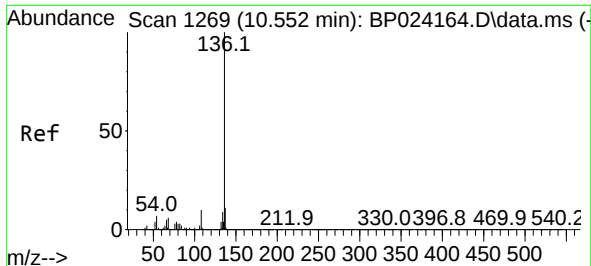
Tgt Ion:117 Resp: 691717
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0
201 101.3 76.6 114.8



#19
n-Nitroso-di-n-propylamine
Concen: 103.815 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion: 70 Resp: 1425191
Ion Ratio Lower Upper
70 100
42 44.9 36.0 54.0
101 10.6 8.3 12.5
130 23.8 18.6 28.0



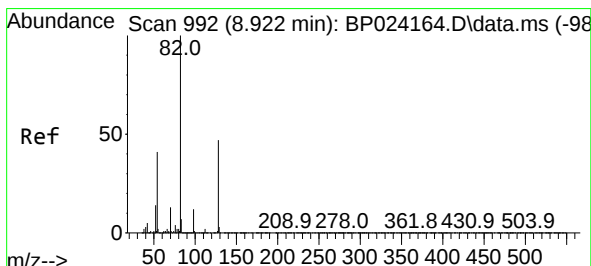
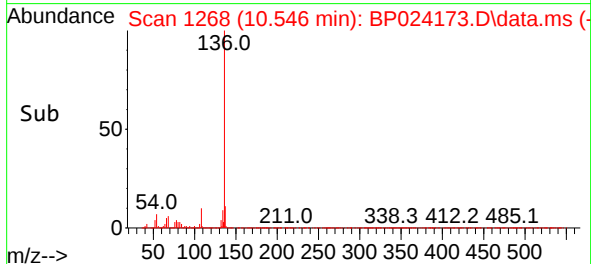
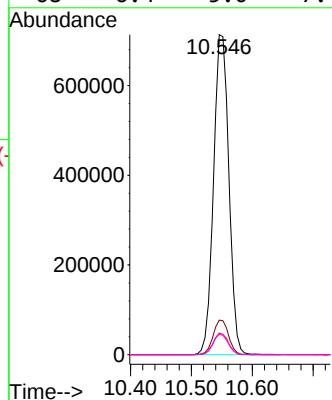
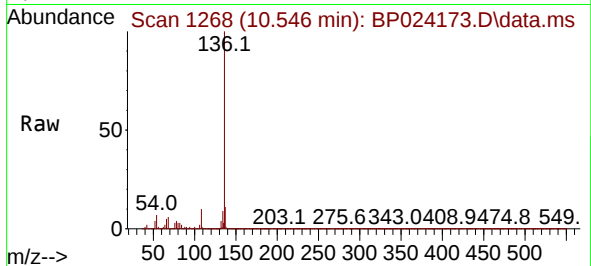


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

Tgt Ion:136 Resp: 1246096

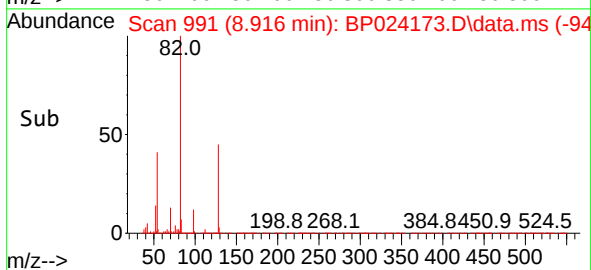
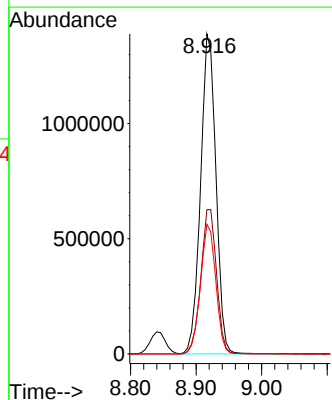
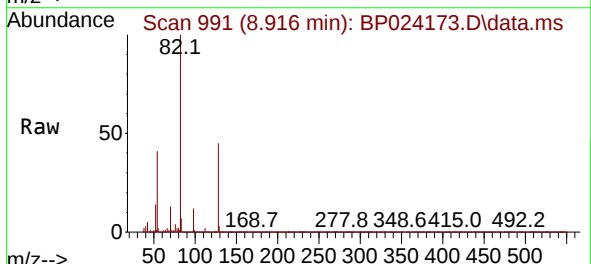
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.3	7.9
68	6.4	5.0	7.4

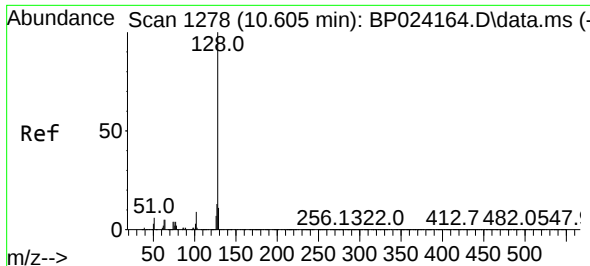


#23
Nitrobenzene-d5
Concen: 102.543 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion: 82 Resp: 2264721

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.0
54	40.5	32.5	48.7

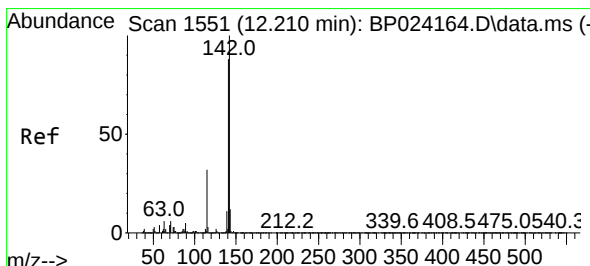
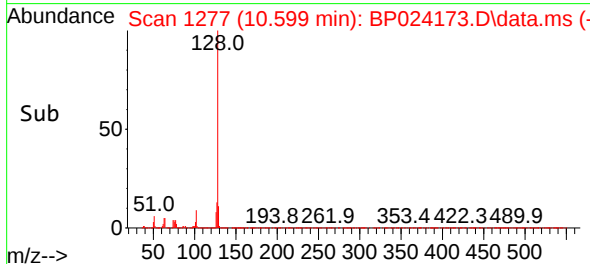
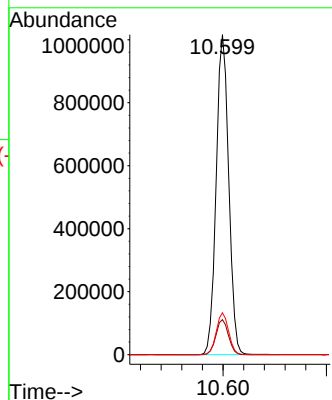
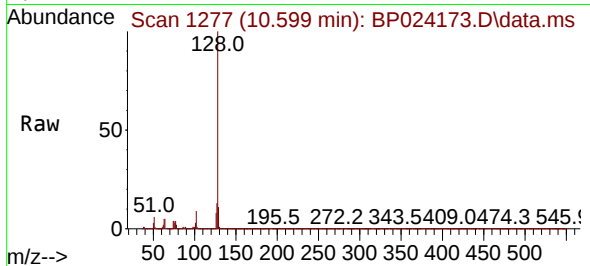




#31
Naphthalene
Concen: 25.860 ng
RT: 10.599 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

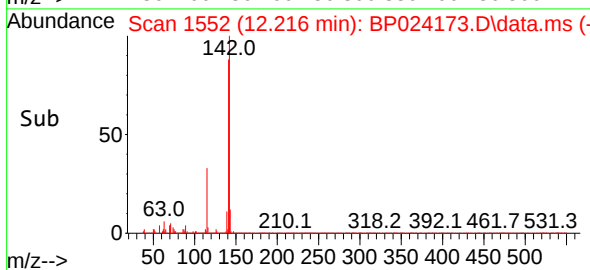
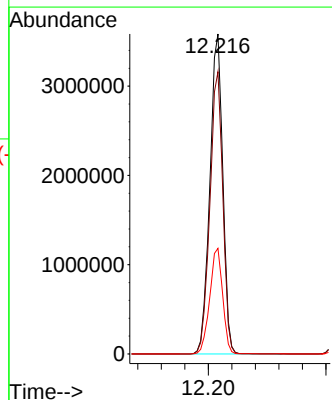
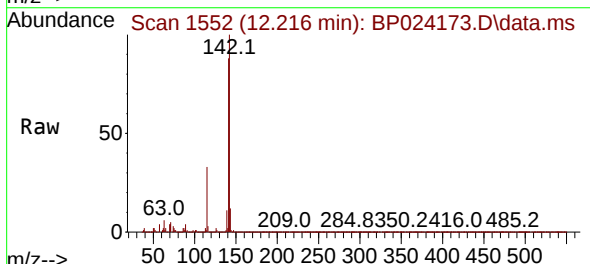
Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

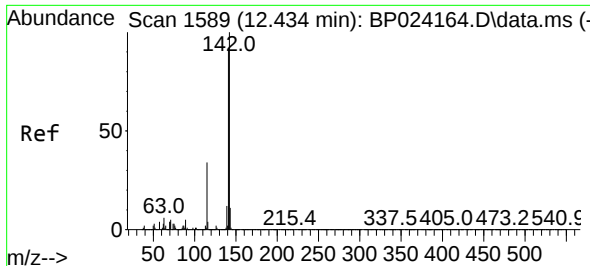
Tgt Ion:128 Resp: 1708173
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.4 15.6



#37
2-Methylnaphthalene
Concen: 122.218 ng
RT: 12.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion:142 Resp: 5453886
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 33.0 26.0 39.0

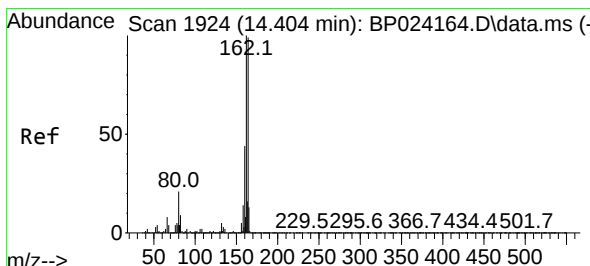
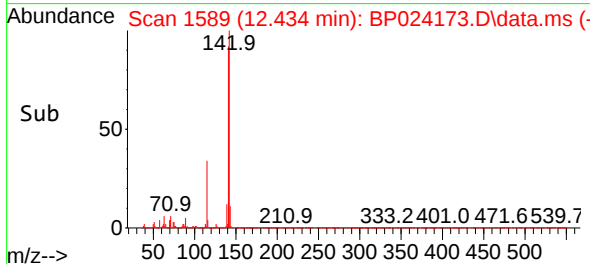
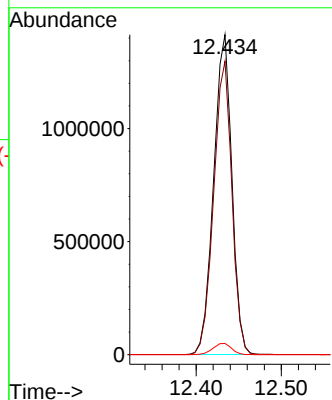
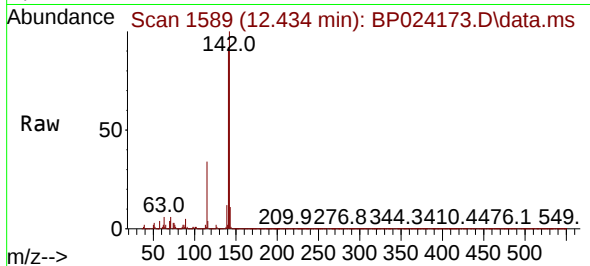




#38
1-Methylnaphthalene
Concen: 48.374 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

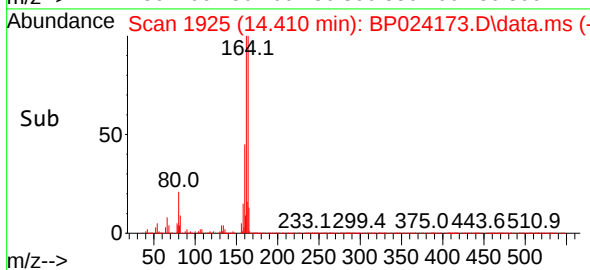
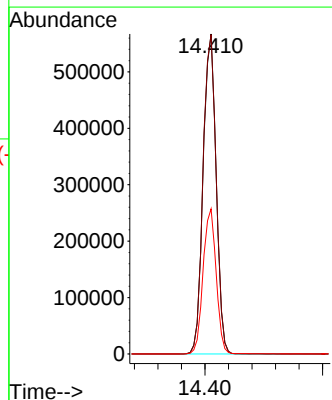
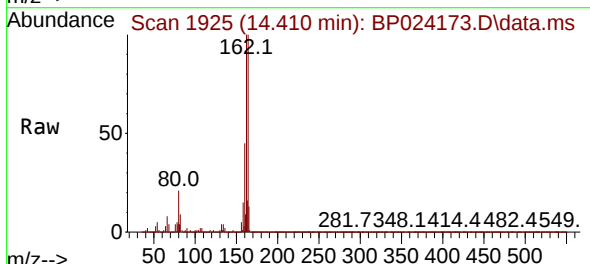
Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

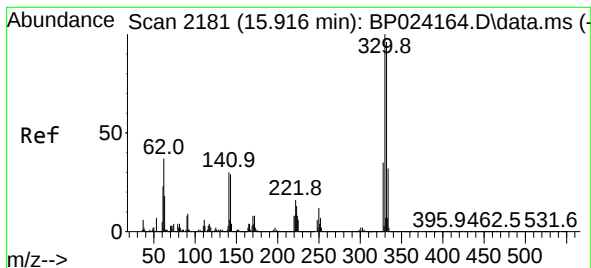
Tgt Ion:142 Resp: 2099581
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9
116 3.5 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion:164 Resp: 868361
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 45.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 120.095 ng

RT: 15.922 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP

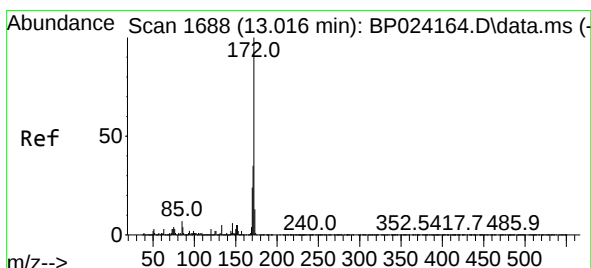
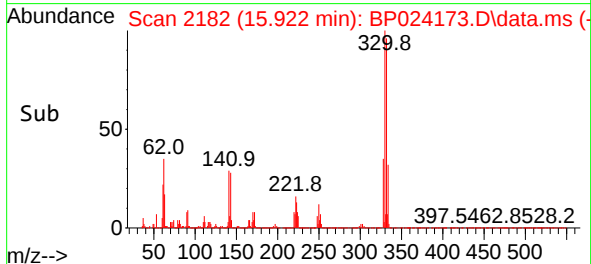
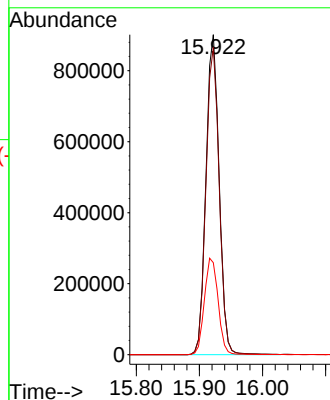
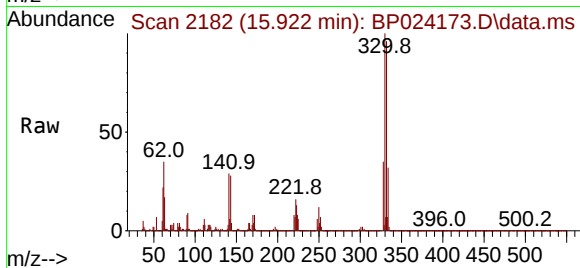
Tgt Ion:330 Resp: 1313618

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 31.4 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 93.105 ng

RT: 13.016 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

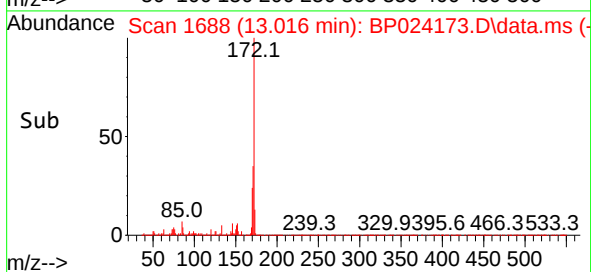
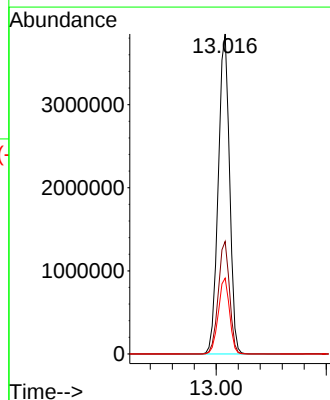
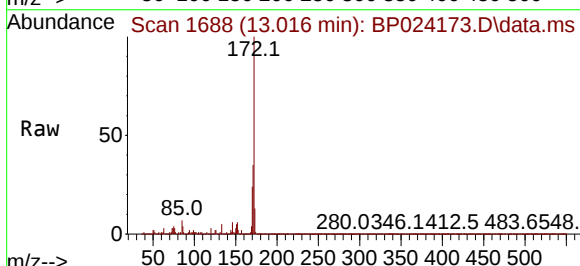
Tgt Ion:172 Resp: 5483039

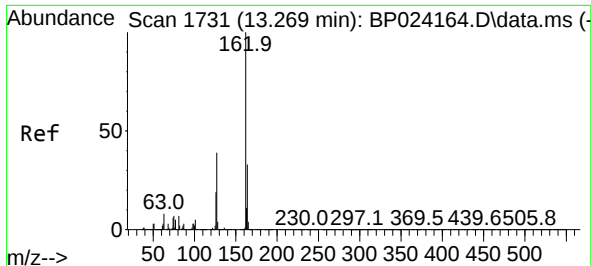
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.0 28.4

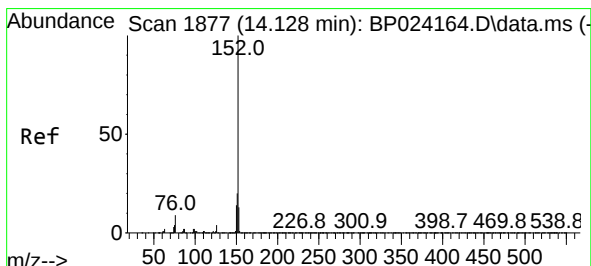
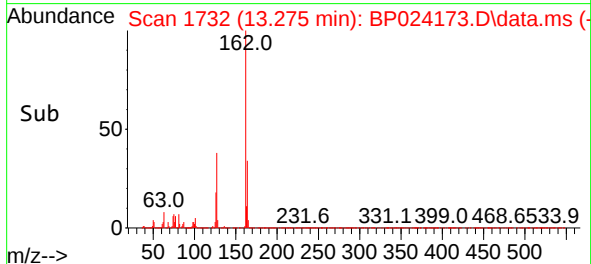
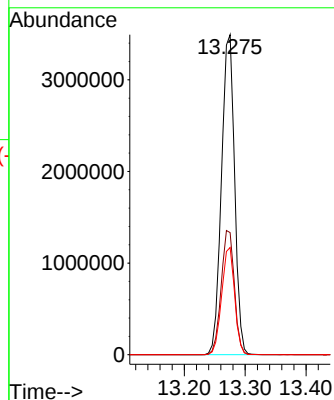
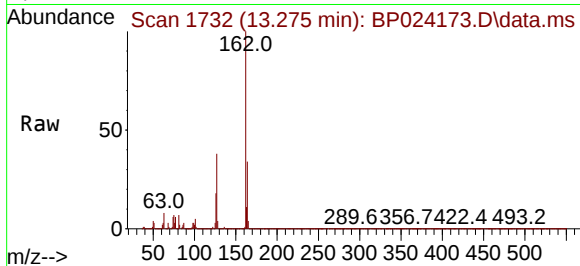




#47
2-Chloronaphthalene
Concen: 106.397 ng
RT: 13.275 min Scan# 1732
Delta R.T. 0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

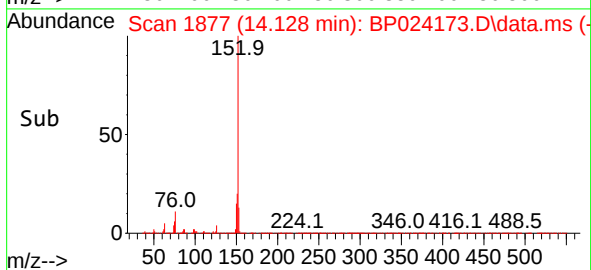
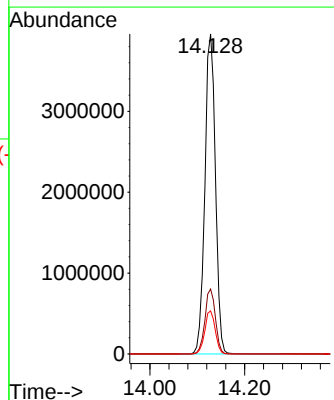
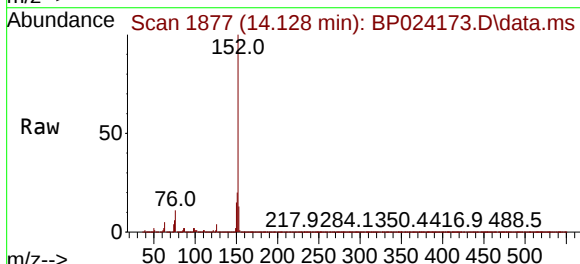
Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

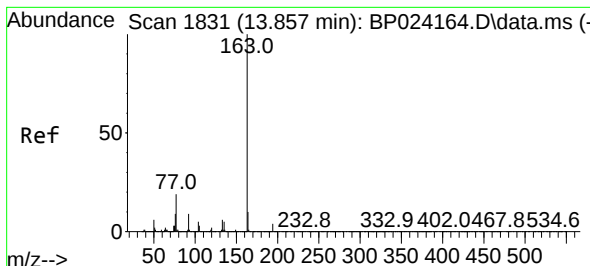
Tgt Ion:162 Resp: 5222144
Ion Ratio Lower Upper
162 100
127 38.2 31.5 47.3
164 33.5 26.6 39.8



#49
Acenaphthylene
Concen: 82.309 ng
RT: 14.128 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion:152 Resp: 6112779
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.5 10.6 15.8





#50

Dimethylphthalate

Concen: 152.556 ng

RT: 13.863 min Scan# 1831

Delta R.T. 0.006 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP

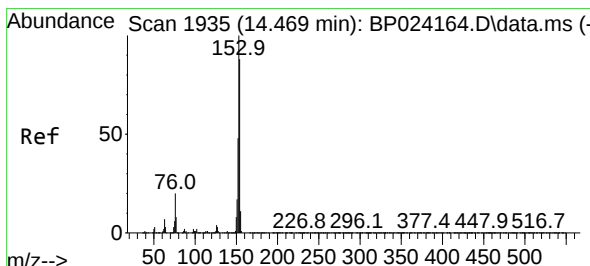
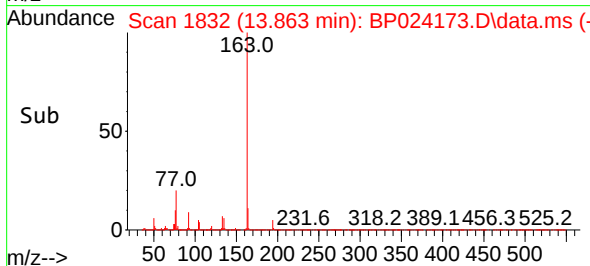
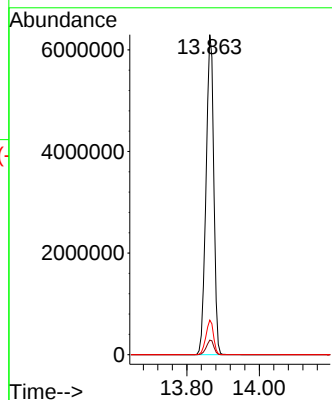
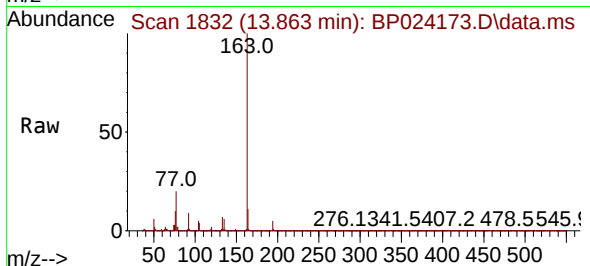
Tgt Ion:163 Resp: 9269453

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.8 8.2 12.4



#52

Acenaphthene

Concen: 107.227 ng

RT: 14.475 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

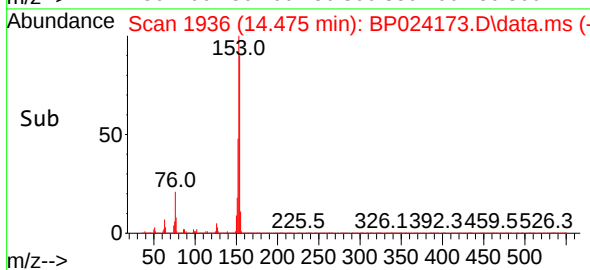
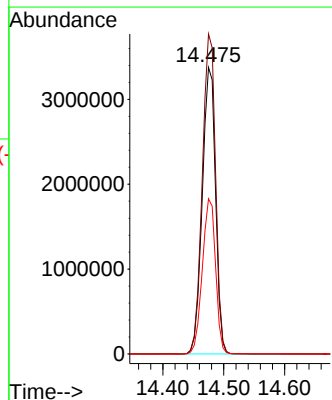
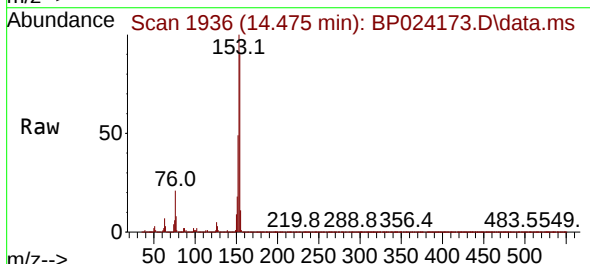
Tgt Ion:154 Resp: 5088006

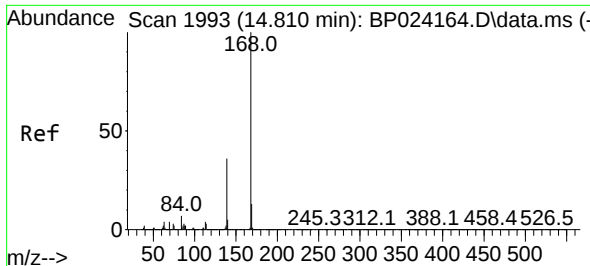
Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

152 54.2 43.1 64.7

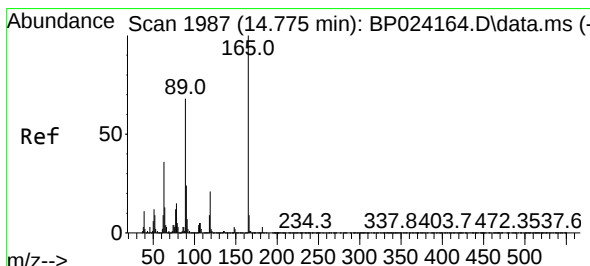
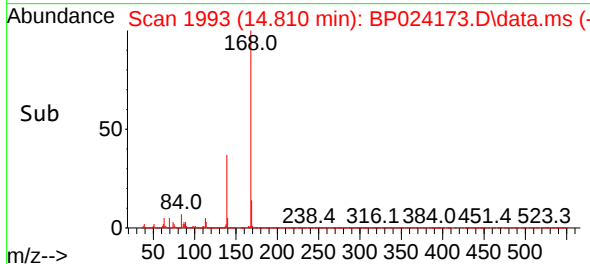
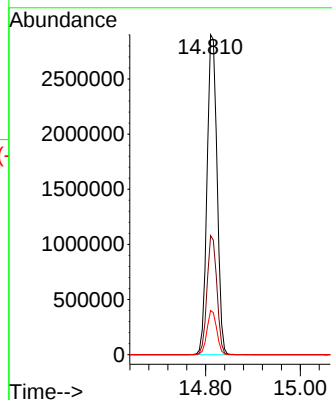
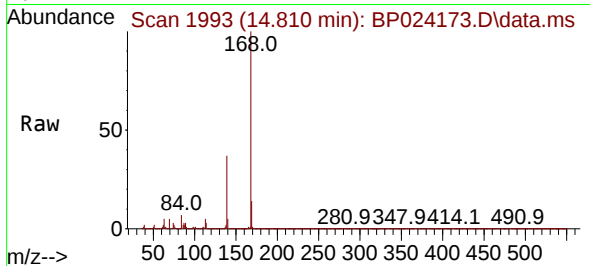




#55
Dibenzenofuran
Concen: 55.241 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

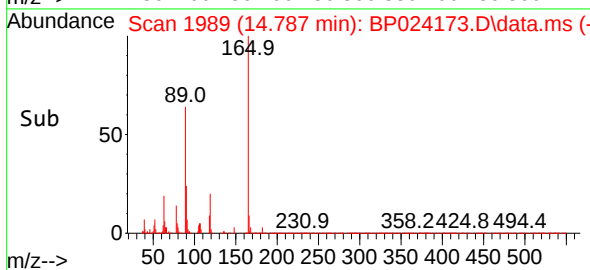
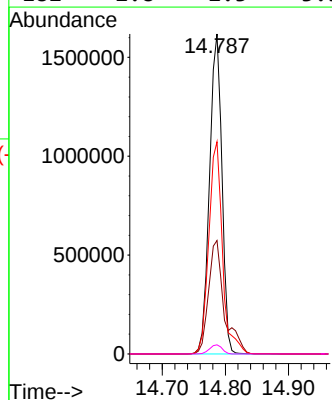
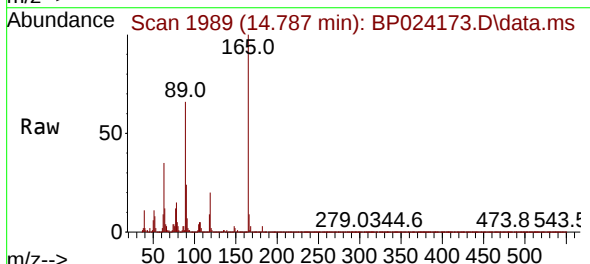
Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

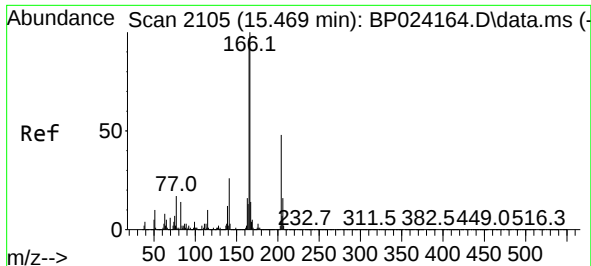
Tgt Ion:168 Resp: 4245921
Ion Ratio Lower Upper
168 100
139 37.2 29.1 43.7
169 13.8 10.8 16.2



#57
2,4-Dinitrotoluene
Concen: 130.899 ng
RT: 14.787 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion:165 Resp: 2210484
Ion Ratio Lower Upper
165 100
63 35.5 29.0 43.6
89 66.3 54.2 81.4
182 2.8 2.3 3.5

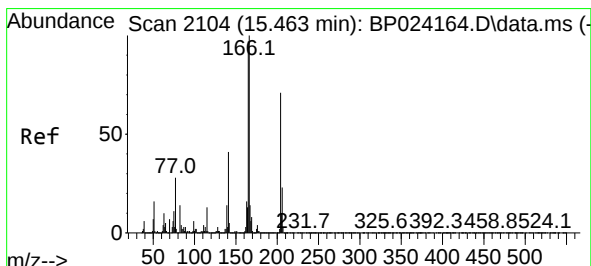
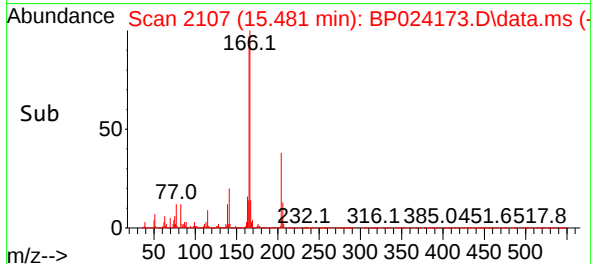
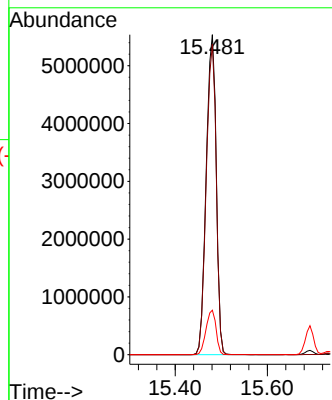
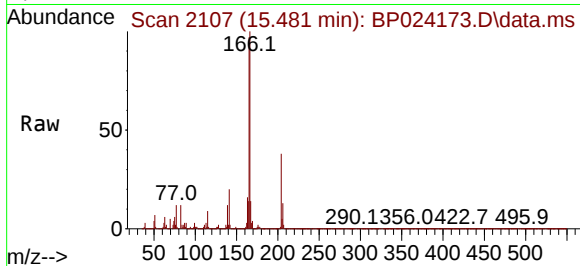




#58
Fluorene
Concen: 140.570 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

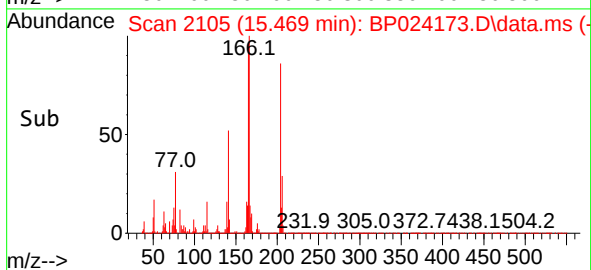
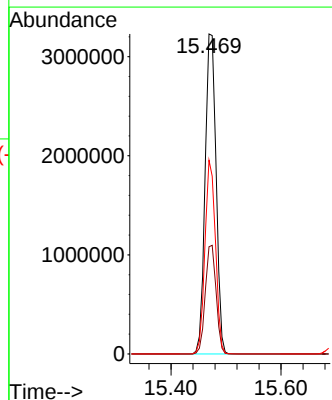
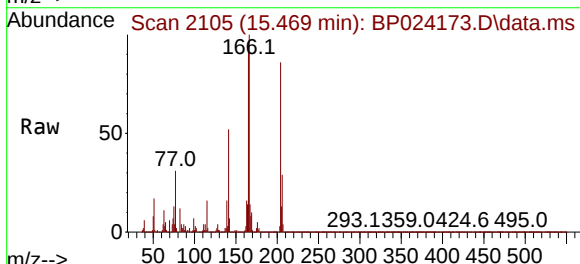
Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

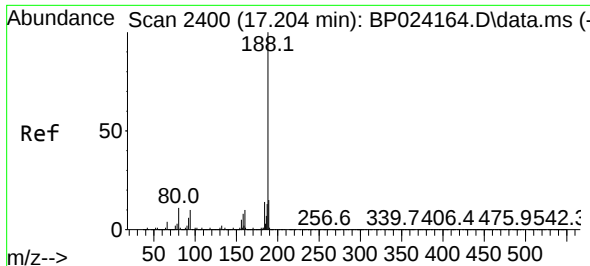
Tgt Ion:166 Resp: 8418085
Ion Ratio Lower Upper
166 100
165 97.0 77.6 116.4
167 13.9 10.8 16.2



#61
4-Chlorophenyl-phenylether
Concen: 152.150 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion:204 Resp: 4468980
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 60.6 45.8 68.8

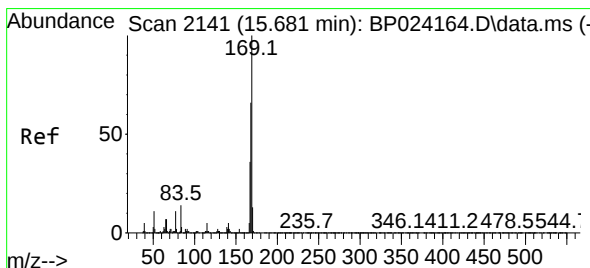
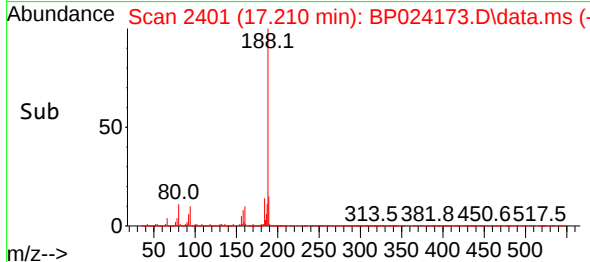
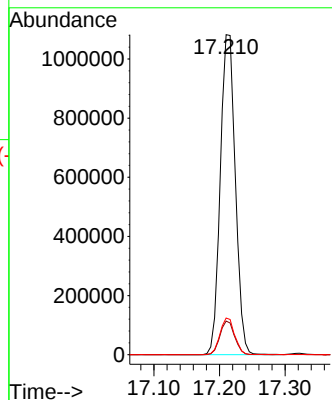
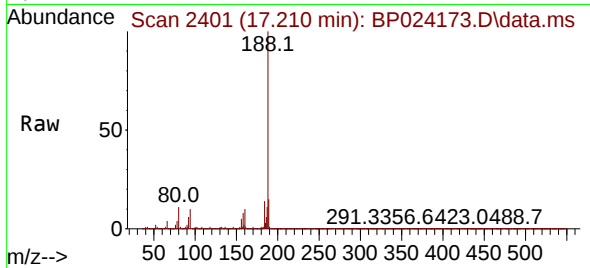




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

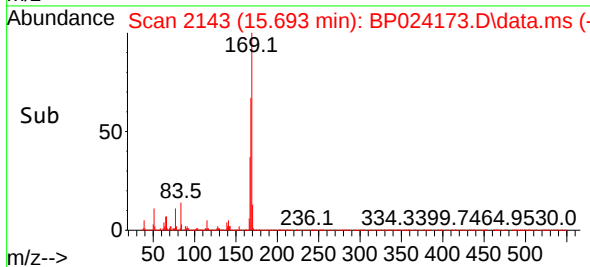
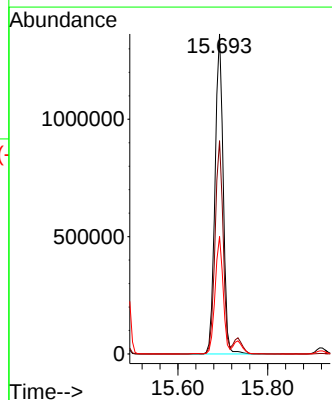
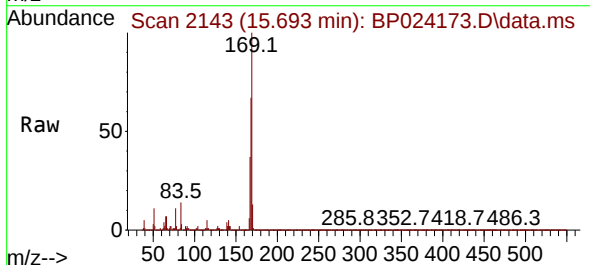
Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

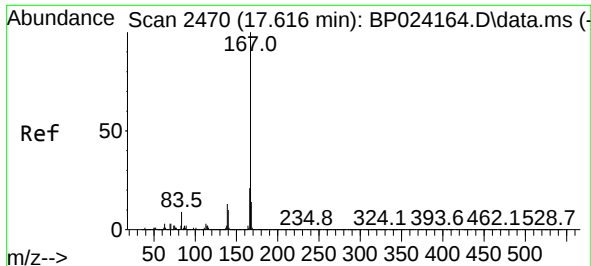
Tgt Ion:188 Resp: 1716730
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 11.5 8.9 13.3



#66
n-Nitrosodiphenylamine
Concen: 32.790 ng
RT: 15.693 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion:169 Resp: 1709405
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.7 28.8 43.2

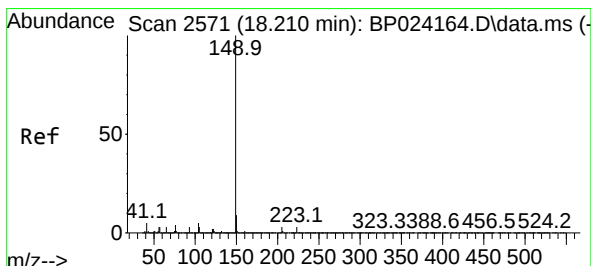
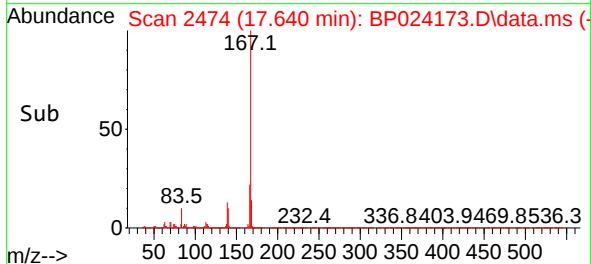
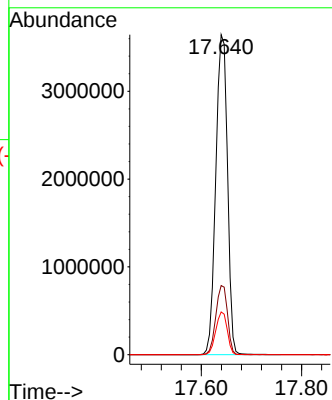
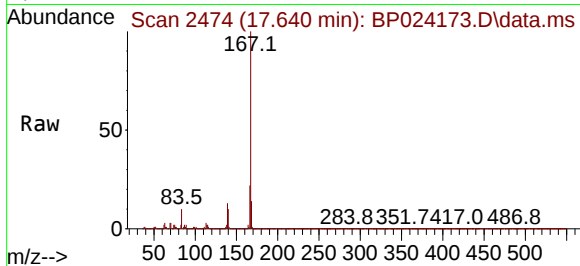




#73
 Carbazole
 Concen: 66.807 ng
 RT: 17.640 min Scan# 2470
 Delta R.T. 0.024 min
 Lab File: BP024173.D
 Acq: 13 Mar 2025 11:43

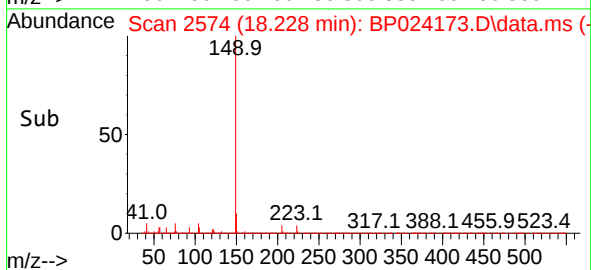
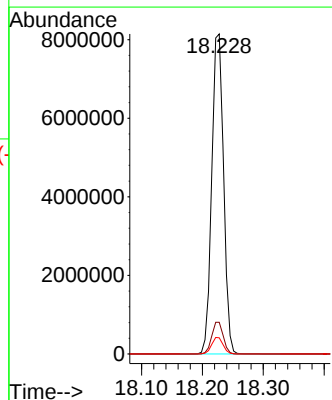
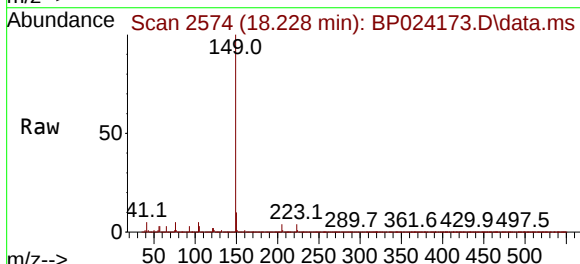
Instrument :
 BNA_P
 ClientSampleId :
 PT-BN-WP

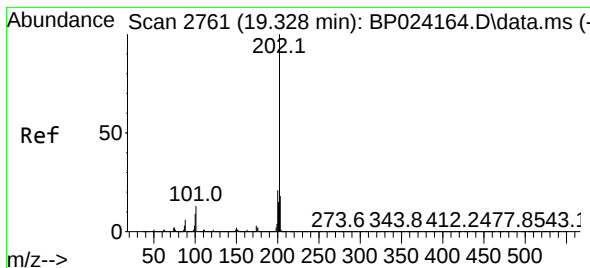
Tgt Ion:167 Resp: 5884945
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 105.010 ng
 RT: 18.228 min Scan# 2574
 Delta R.T. 0.018 min
 Lab File: BP024173.D
 Acq: 13 Mar 2025 11:43

Tgt Ion:149 Resp:10980907
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 116.784 ng

RT: 19.345 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP

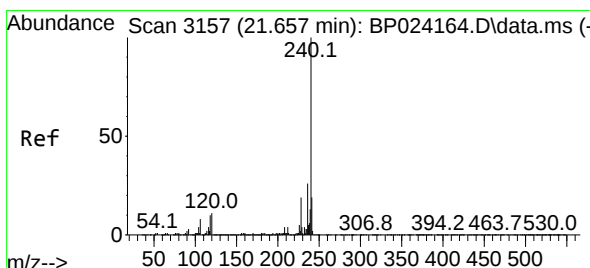
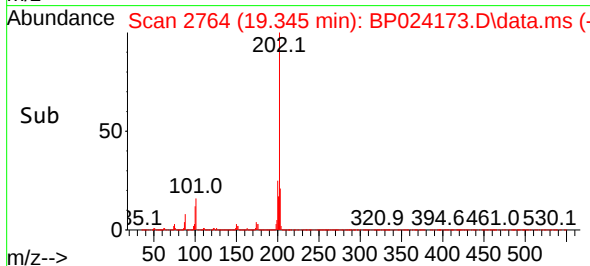
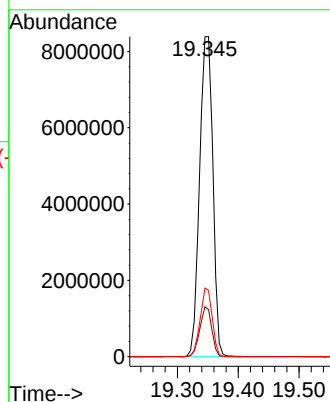
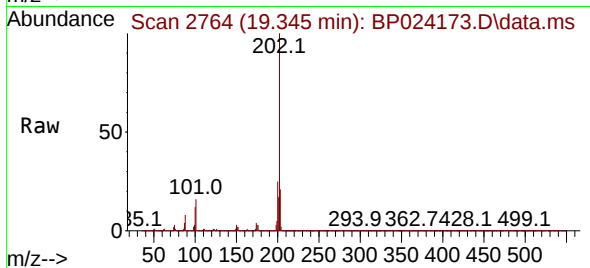
Tgt Ion:202 Resp:12684856

Ion Ratio Lower Upper

202 100

101 15.6 0.0 32.5

203 21.4 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.680 min Scan# 3161

Delta R.T. 0.024 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

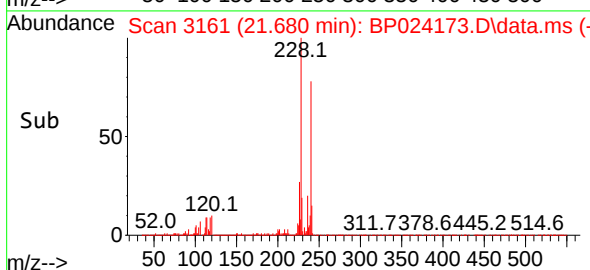
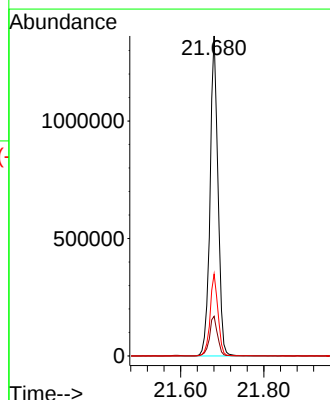
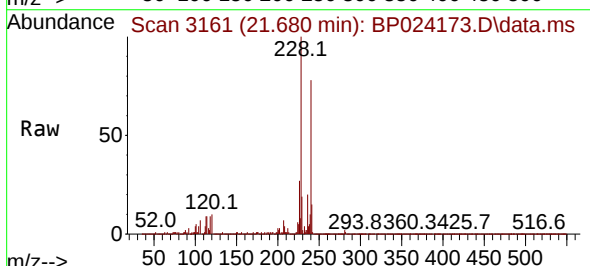
Tgt Ion:240 Resp: 1806266

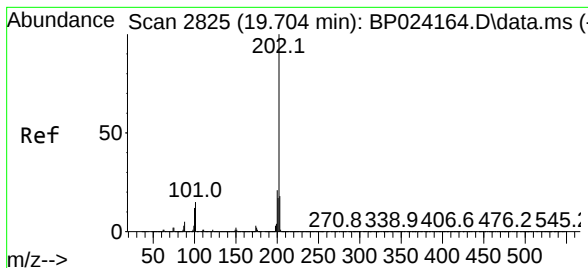
Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 25.6 20.4 30.6





#78

Pyrene

Concen: 124.949 ng

RT: 19.722 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP

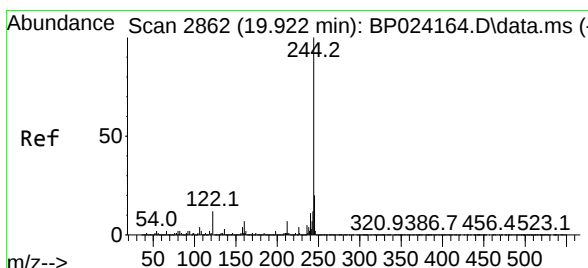
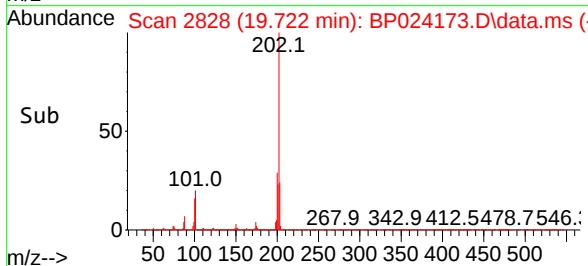
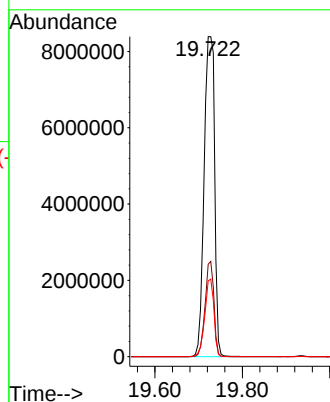
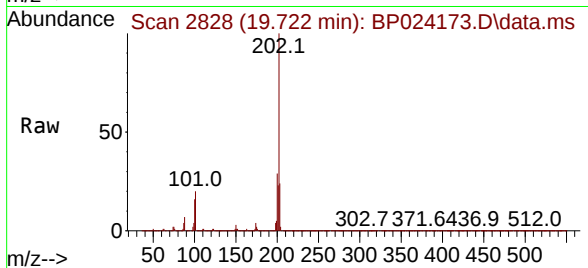
Tgt Ion:202 Resp:14031057

Ion Ratio Lower Upper

202 100

200 28.9 17.1 25.7#

203 23.7 14.2 21.4#



#79

Terphenyl-d14

Concen: 99.034 ng

RT: 19.934 min Scan# 2864

Delta R.T. 0.012 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

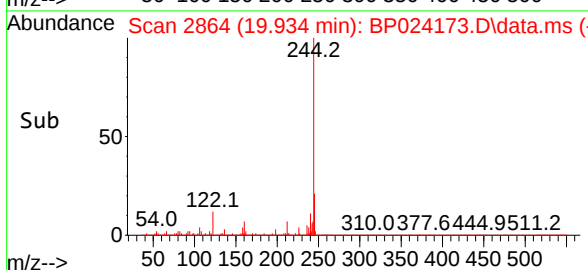
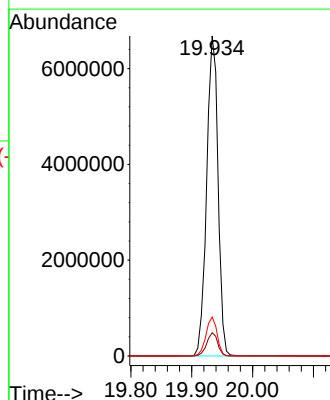
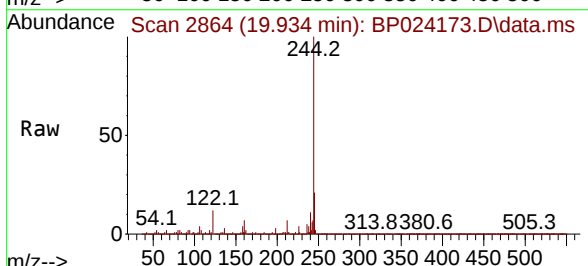
Tgt Ion:244 Resp: 8665823

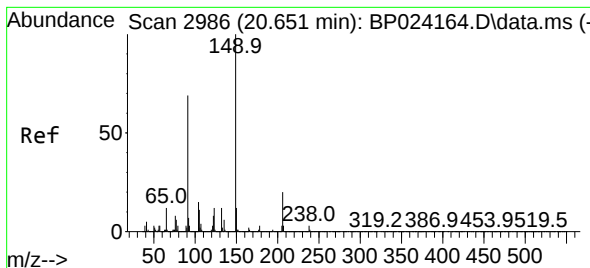
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 12.2 9.6 14.4





#80

Butylbenzylphthalate

Concen: 173.549 ng

RT: 20.675 min Scan# 2986

Delta R.T. 0.024 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

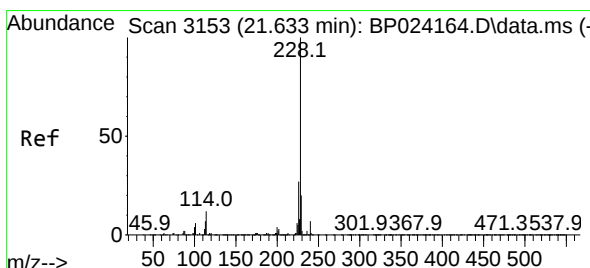
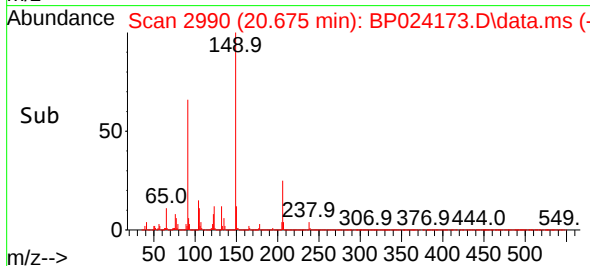
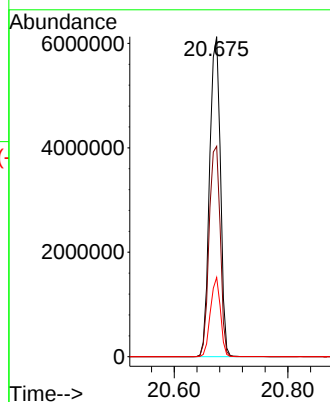
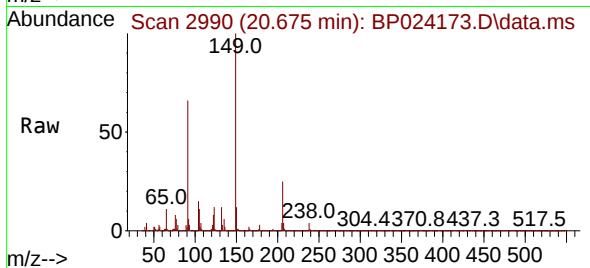
ClientSampleId :

PT-BN-WP

Tgt Ion:149 Resp: 8036754

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
149	100		
91	65.8	55.3	82.9
206	24.7	16.1	24.1



#81

Benzo(a)anthracene

Concen: 148.325 ng

RT: 21.657 min Scan# 3157

Delta R.T. 0.024 min

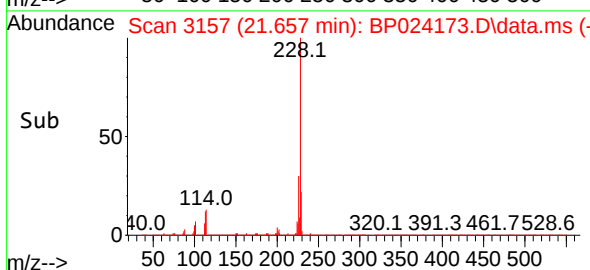
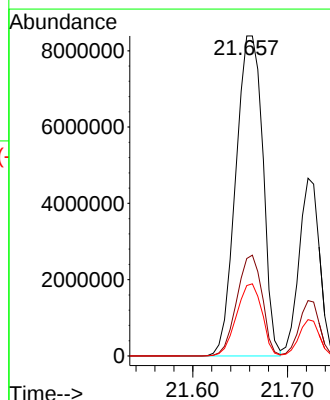
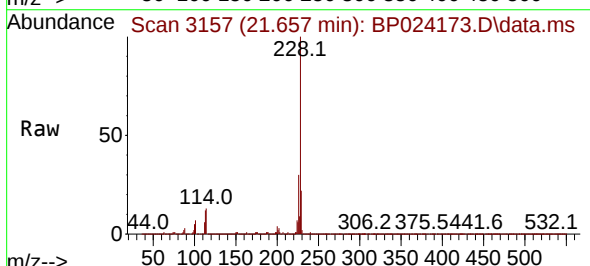
Lab File: BP024173.D

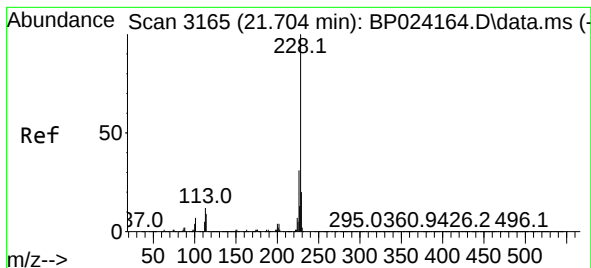
Acq: 13 Mar 2025 11:43

Tgt Ion:228 Resp:16656918

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.8
229	22.0	16.0	24.0





#83

Chrysene

Concen: 65.786 ng

RT: 21.722 min Scan# 3168

Delta R.T. 0.018 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP

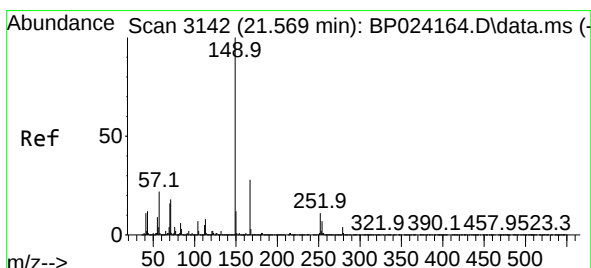
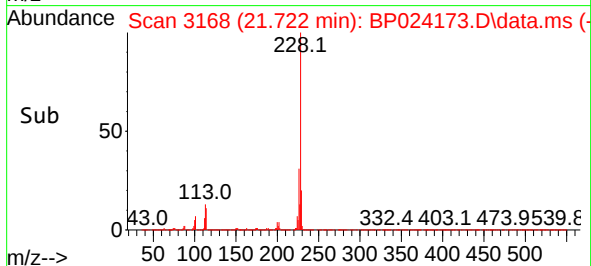
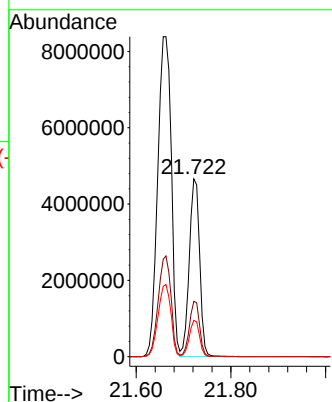
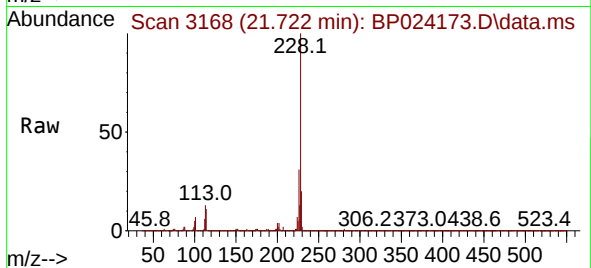
Tgt Ion:228 Resp: 7102089

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

229 20.4 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 93.422 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.024 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

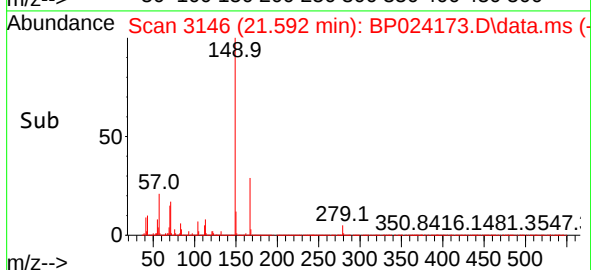
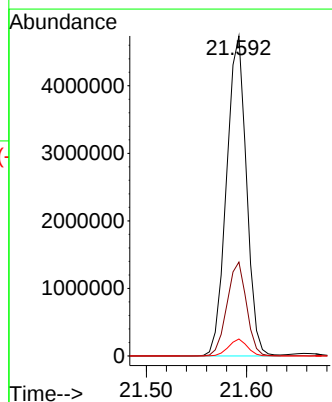
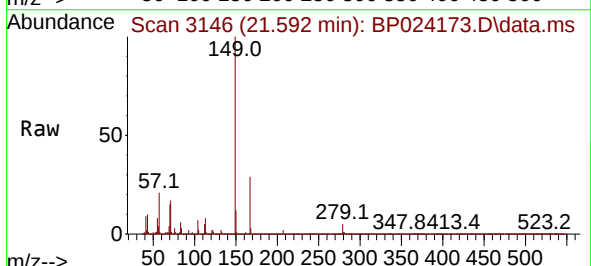
Tgt Ion:149 Resp: 6527806

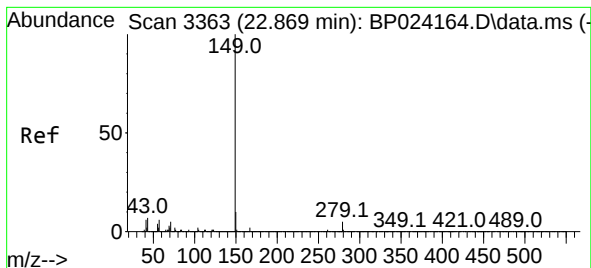
Ion Ratio Lower Upper

149 100

167 29.3 22.5 33.7

279 5.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 72.753 ng

RT: 22.892 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP

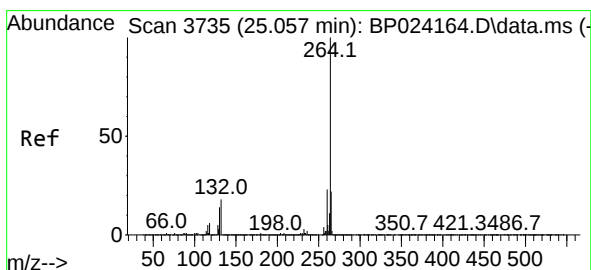
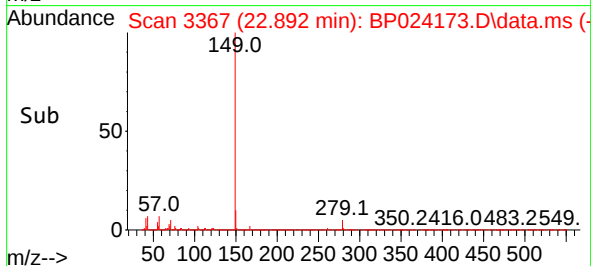
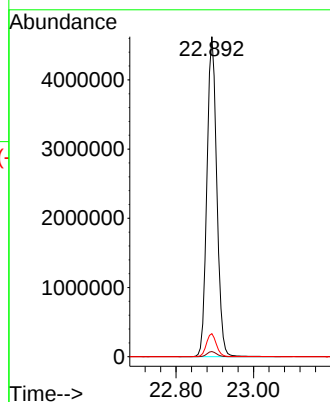
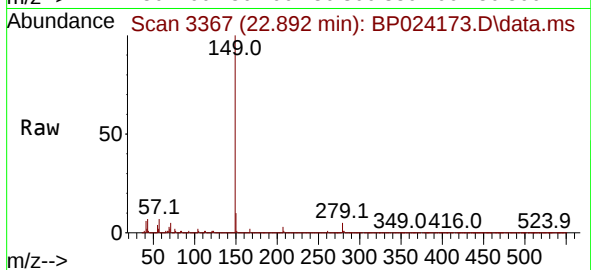
Tgt Ion:149 Resp: 8144920

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.069 min Scan# 3737

Delta R.T. 0.012 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

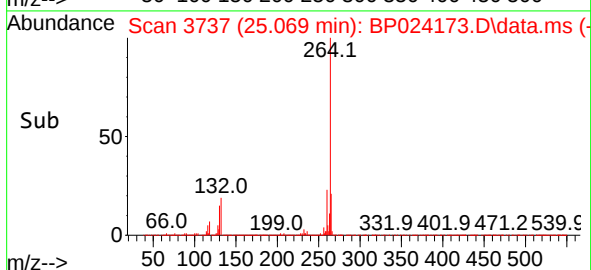
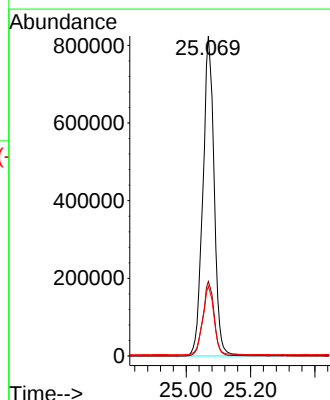
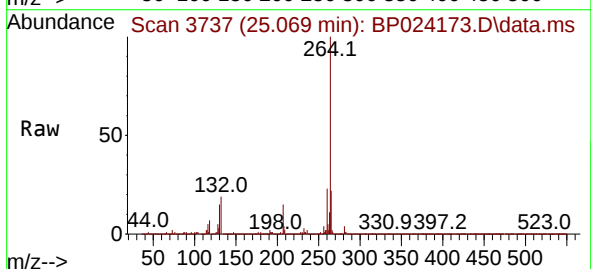
Tgt Ion:264 Resp: 2004715

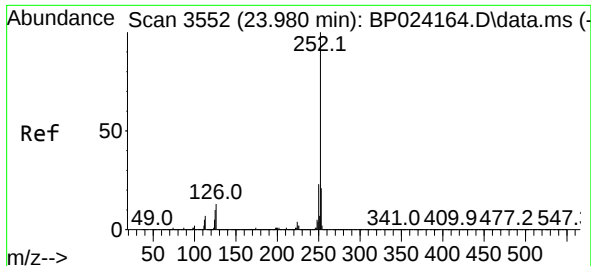
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.8 17.7 26.5

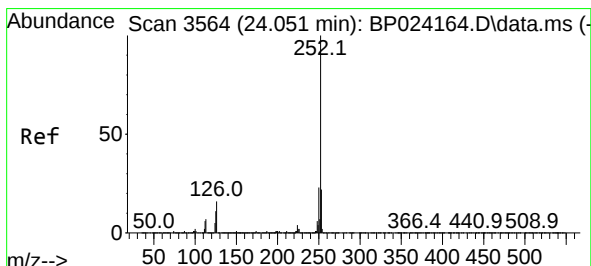
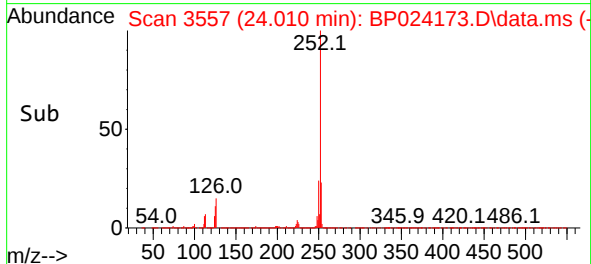
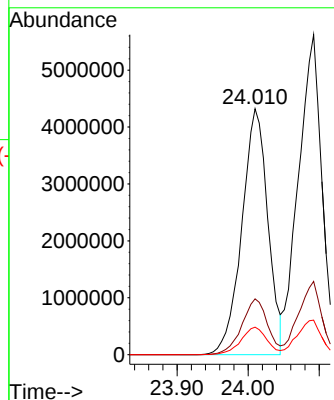
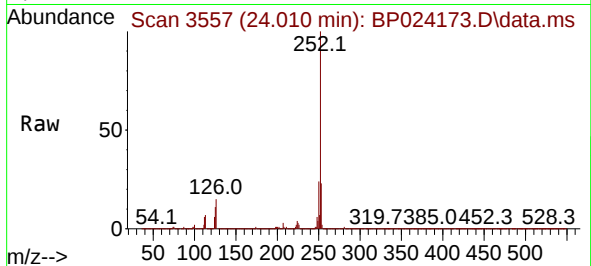




#88
Benzo(b)fluoranthene
Concen: 91.088 ng
RT: 24.010 min Scan# 3557
Delta R.T. 0.029 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

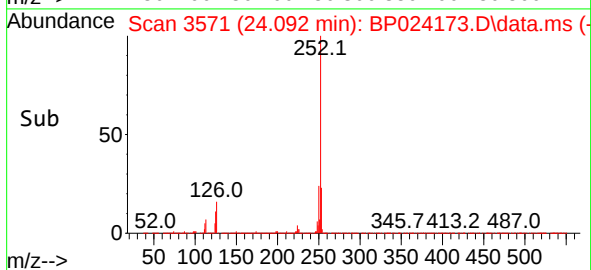
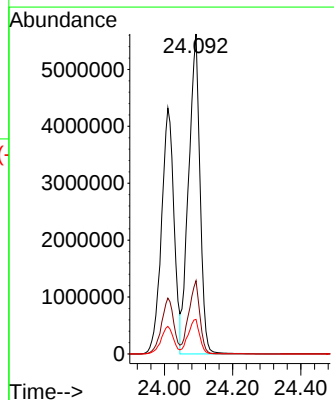
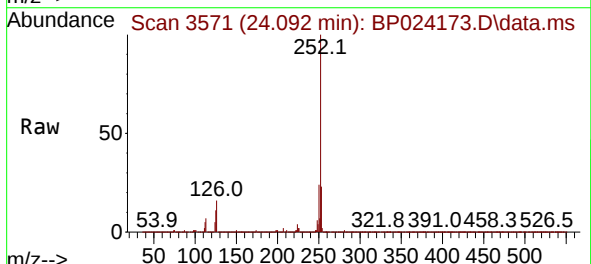
Instrument :
BNA_P
ClientSampleId :
PT-BN-WP

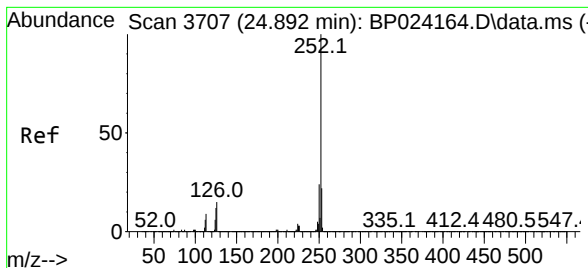
Tgt Ion:252 Resp:11010020
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 11.2 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 109.542 ng
RT: 24.092 min Scan# 3571
Delta R.T. 0.041 min
Lab File: BP024173.D
Acq: 13 Mar 2025 11:43

Tgt Ion:252 Resp:12951857
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.8 9.1 13.7





#90

Benzo(a)pyrene

Concen: 64.562 ng

RT: 24.927 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP

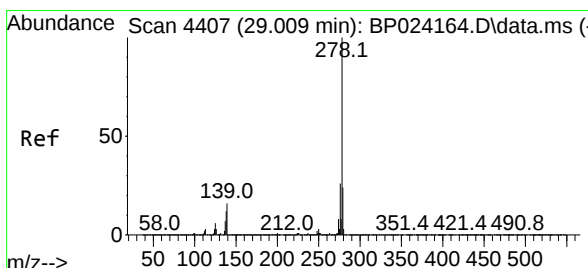
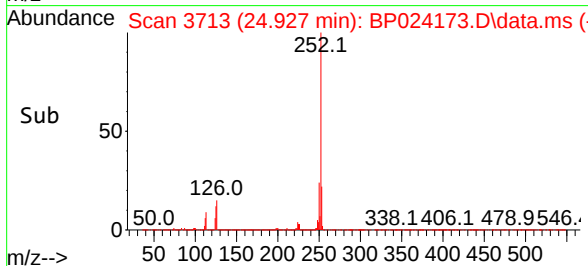
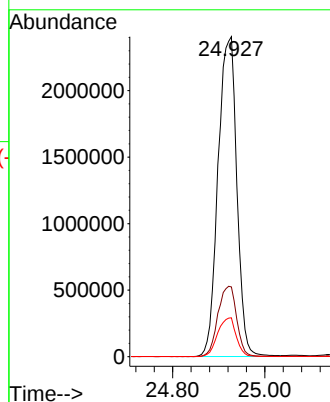
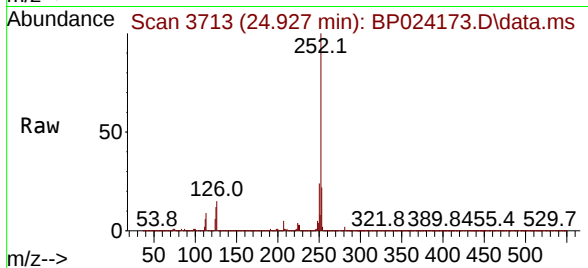
Tgt Ion:252 Resp: 6785870

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 12.1 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 162.364 ng

RT: 29.074 min Scan# 4418

Delta R.T. 0.065 min

Lab File: BP024173.D

Acq: 13 Mar 2025 11:43

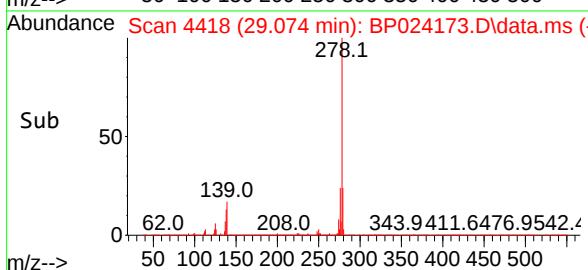
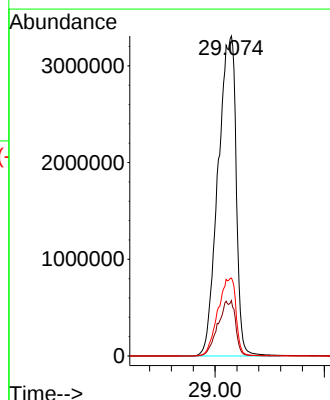
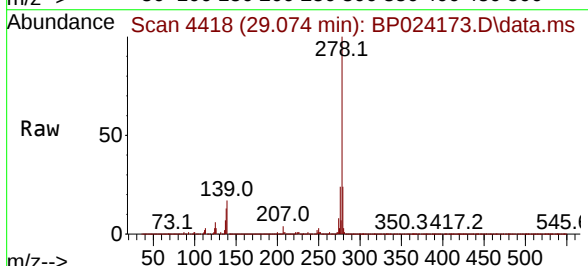
Tgt Ion:278 Resp:18899311

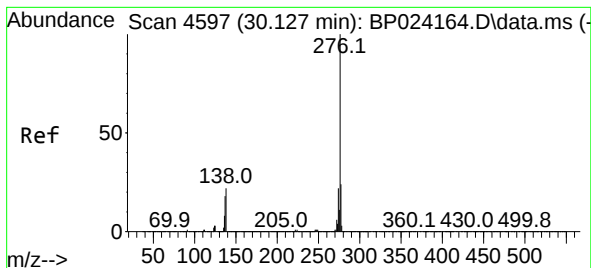
Ion Ratio Lower Upper

278 100

139 17.3 13.0 19.4

279 24.3 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 84.074 ng

RT: 30.174 min Scan# 4

Delta R.T. 0.047 min

Lab File: BP024173.D

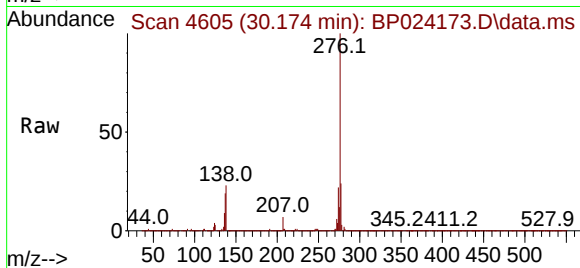
Acq: 13 Mar 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PT-BN-WP



Tgt Ion:276 Resp: 9948160

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 22.6 17.4 26.2

