

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024306.D
 Acq On : 16 Apr 2025 11:04
 Operator : RC/JU
 Sample : PB167606BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167606BS

Quant Time: Apr 16 11:29:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	272135	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1102104	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	648559	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1183398	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1163595	20.000	ng	0.00
86) Perylene-d12	24.974	264	1406343	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2216165	134.651	ng	0.00
7) Phenol-d6	6.916	99	2778072	123.270	ng	0.00
23) Nitrobenzene-d5	8.875	82	1646805	85.203	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1112741	124.008	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	3640359	85.941	ng	-0.01
79) Terphenyl-d14	19.886	244	5204870	90.161	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	260999	37.491	ng	97
3) Pyridine	3.687	79	662269	36.027	ng	99
4) n-Nitrosodimethylamine	3.593	42	266961	43.758	ng	97
6) Aniline	7.063	93	725311	36.017	ng	100
8) 2-Chlorophenol	7.299	128	822983	44.786	ng	98
9) Benzaldehyde	6.881	77	316335	28.376	ng	97
10) Phenol	6.940	94	1018349	45.045	ng	98
11) bis(2-Chloroethyl)ether	7.158	93	757143	41.567	ng	99
12) 1,3-Dichlorobenzene	7.622	146	846026	42.766	ng	100
13) 1,4-Dichlorobenzene	7.763	146	854966	42.595	ng	99
14) 1,2-Dichlorobenzene	8.075	146	824170	42.522	ng	99
15) Benzyl Alcohol	7.969	79	638176	43.788	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	856698	43.513	ng	100
17) 2-Methylphenol	8.175	107	672287	45.969	ng	99
18) Hexachloroethane	8.799	117	317291	43.741	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	553580	39.705	ng	99
20) 3+4-Methylphenols	8.499	107	909885	44.839	ng	100
22) Acetophenone	8.540	105	1148260	42.095	ng	# 99
24) Nitrobenzene	8.916	77	831664	43.496	ng	97
25) Isophorone	9.440	82	1532170	43.795	ng	99
26) 2-Nitrophenol	9.622	139	409423	43.756	ng	98
27) 2,4-Dimethylphenol	9.687	122	745204	63.428	ng	100
28) bis(2-Chloroethoxy)met...	9.916	93	1006070	42.569	ng	99
29) 2,4-Dichlorophenol	10.151	162	722424	45.096	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	743445	43.315	ng	99
31) Naphthalene	10.551	128	2369540	40.816	ng	100
32) Benzoic acid	9.840	122	495692	36.208	ng	99
33) 4-Chloroaniline	10.663	127	314464	15.381	ng	99
34) Hexachlorobutadiene	10.840	225	436902	43.318	ng	100
35) Caprolactam	11.451	113	233922	39.575	ng	99
36) 4-Chloro-3-methylphenol	11.793	107	791854	42.438	ng	98
37) 2-Methylnaphthalene	12.163	142	1482193	36.814	ng	99
38) 1-Methylnaphthalene	12.381	142	1571012	39.886	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	793792	44.506	ng	# 98
41) Hexachlorocyclopentadiene	12.516	237	1154099	182.960	ng	98
43) 2,4,6-Trichlorophenol	12.775	196	548131	46.225	ng	97

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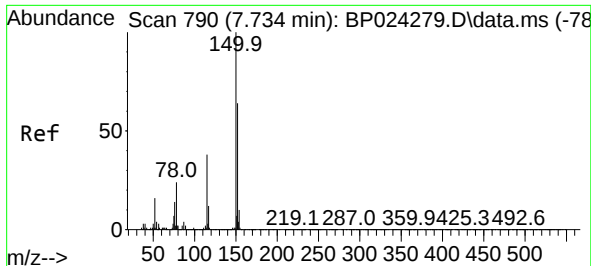
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	605796	46.134	ng	98
46) 1,1'-Biphenyl	13.181	154	2069169	43.404	ng	100
47) 2-Chloronaphthalene	13.222	162	1580672	44.364	ng	99
48) 2-Nitroaniline	13.428	65	463578	46.384	ng	96
49) Acenaphthylene	14.081	152	2629741	46.879	ng	100
50) Dimethylphthalate	13.816	163	1955453	41.460	ng	99
51) 2,6-Dinitrotoluene	13.928	165	435600	43.493	ng	94
52) Acenaphthene	14.422	154	1478443	41.572	ng	100
53) 3-Nitroaniline	14.263	138	210570	20.004	ng	97
54) 2,4-Dinitrophenol	14.475	184	522773	88.614	ng	94
55) Dibenzofuran	14.763	168	2339278	40.242	ng	98
56) 4-Nitrophenol	14.587	139	848886	93.377	ng	96
57) 2,4-Dinitrotoluene	14.728	165	613218	44.885	ng	98
58) Fluorene	15.428	166	1897505	42.166	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	515579	42.571	ng	98
60) Diethylphthalate	15.198	149	1958501	40.295	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	904184	41.377	ng	99
62) 4-Nitroaniline	15.451	138	451817	40.547	ng	96
63) Azobenzene	15.722	77	1864328	41.733	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	325604	43.642	ng	98
66) n-Nitrosodiphenylamine	15.639	169	1657244	46.919	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	587690	45.407	ng	99
68) Hexachlorobenzene	16.451	284	699912	45.510	ng	96
69) Atrazine	16.616	200	549597	61.093	ng	99
70) Pentachlorophenol	16.804	266	968423	90.262	ng	99
71) Phenanthrene	17.204	178	2878928	44.595	ng	100
72) Anthracene	17.298	178	2917128	46.884	ng	100
73) Carbazole	17.581	167	2746762	45.181	ng	100
74) Di-n-butylphthalate	18.169	149	3225103	42.580	ng	100
75) Fluoranthene	19.292	202	3230404	42.073	ng	100
77) Benzidine	19.492	184	1177782	79.852	ng	99
78) Pyrene	19.669	202	3341563	45.188	ng	99
80) Butylbenzylphthalate	20.627	149	1452677	45.864	ng	100
81) Benzo(a)anthracene	21.592	228	3354986	46.388	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	757243	29.830	ng	98
83) Chrysene	21.663	228	3173721	45.803	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2153345	46.376	ng	98
85) Di-n-octyl phthalate	22.821	149	3666902	48.578	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	4148047	42.485	ng	95
88) Benzo(b)fluoranthene	23.915	252	3660184	43.420	ng	99
89) Benzo(k)fluoranthene	23.986	252	3613777	44.381	ng	99
90) Benzo(a)pyrene	24.821	252	3541710	48.707	ng	100
91) Dibenzo(a,h)anthracene	28.886	278	3939995	48.618	ng	99
92) Benzo(g,h,i)perylene	29.974	276	3866550	46.875	ng	100

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

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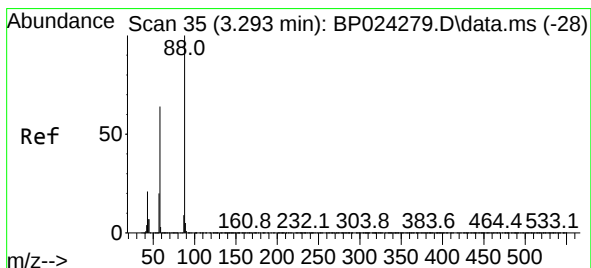
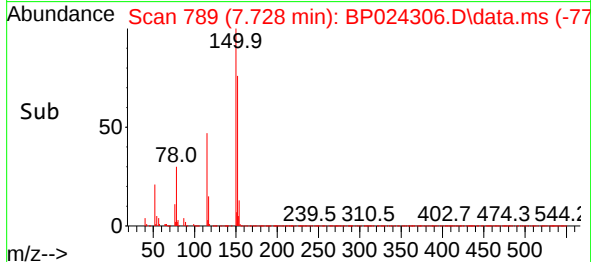
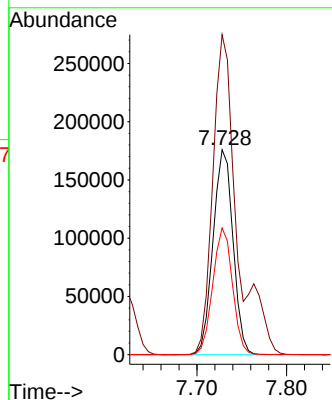
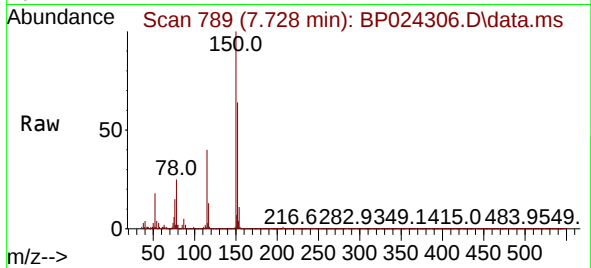




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024306.D
 Acq: 16 Apr 2025 11:04

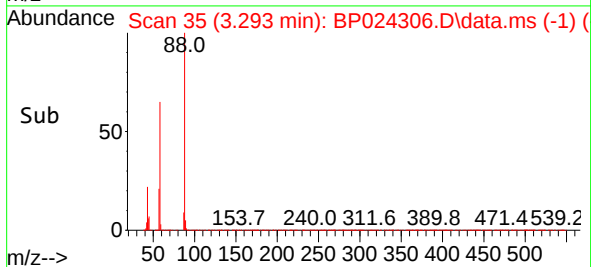
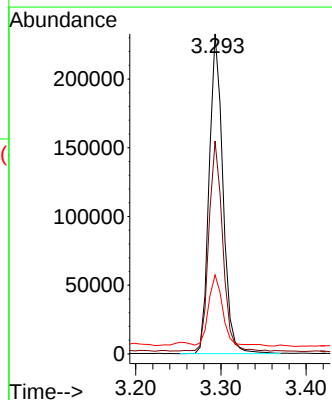
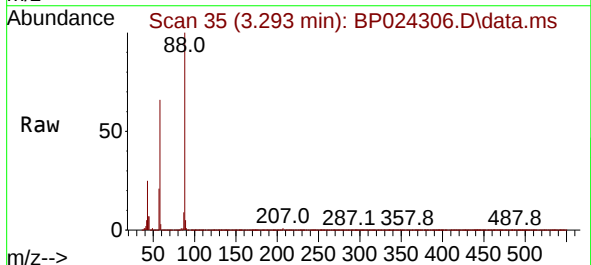
Instrument :
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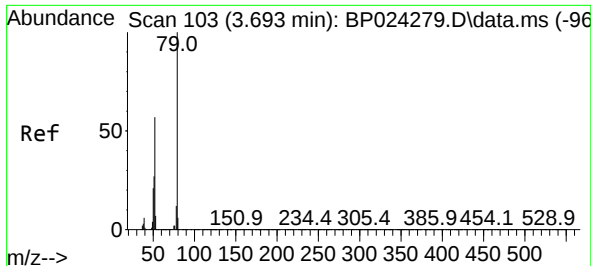
Tgt Ion:152 Resp: 272135
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.9 187.3
 115 61.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 37.491 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BP024306.D
 Acq: 16 Apr 2025 11:04

Tgt Ion: 88 Resp: 260999
 Ion Ratio Lower Upper
 88 100
 58 66.4 51.4 77.2
 43 23.1 17.1 25.7

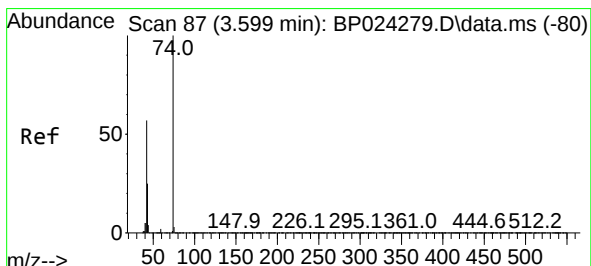
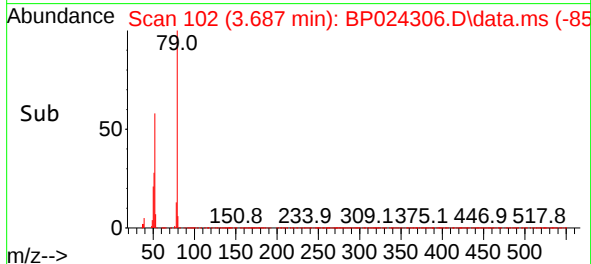
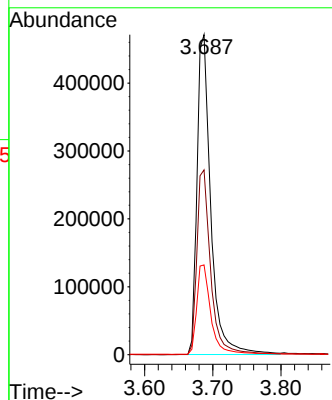
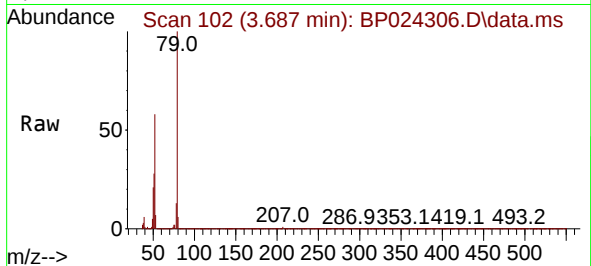




#3
 Pyridine
 Concen: 36.027 ng
 RT: 3.687 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BP024306.D
 Acq: 16 Apr 2025 11:04

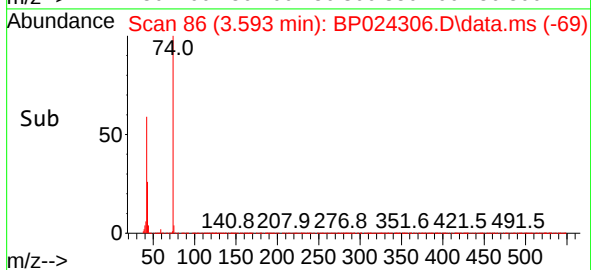
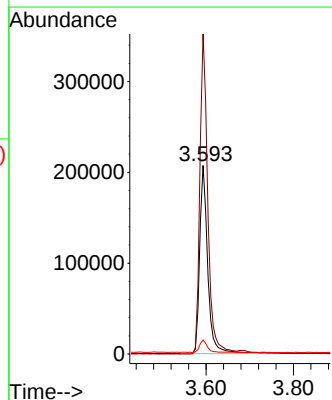
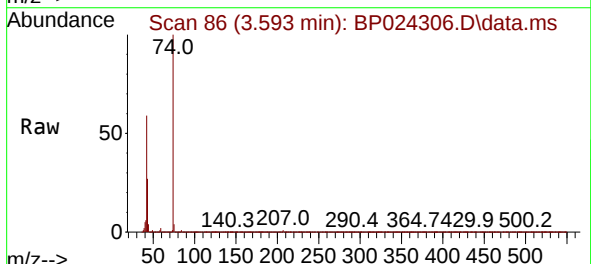
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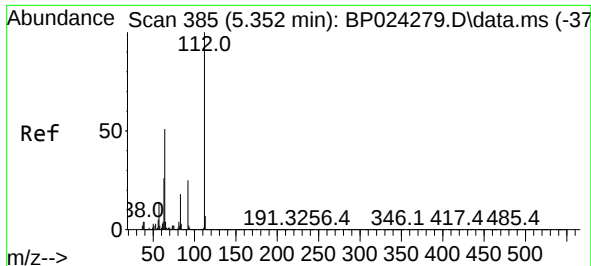
Tgt Ion: 79 Resp: 662269
 Ion Ratio Lower Upper
 79 100
 52 57.7 45.4 68.2
 51 28.1 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 43.758 ng
 RT: 3.593 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: BP024306.D
 Acq: 16 Apr 2025 11:04

Tgt Ion: 42 Resp: 266961
 Ion Ratio Lower Upper
 42 100
 74 169.8 139.5 209.3
 44 7.4 5.8 8.8

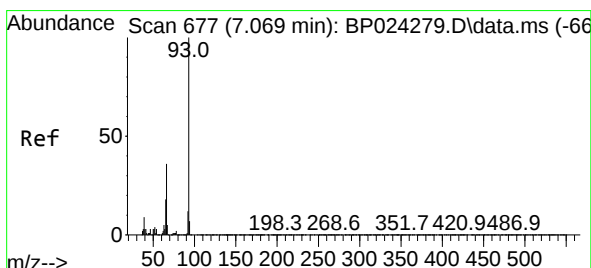
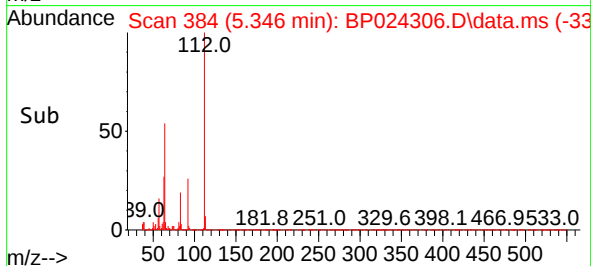
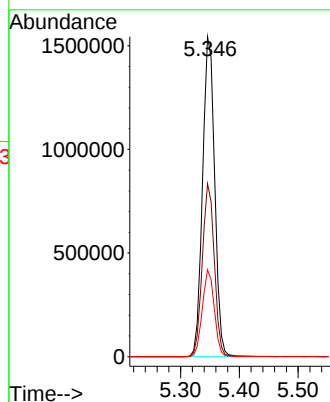
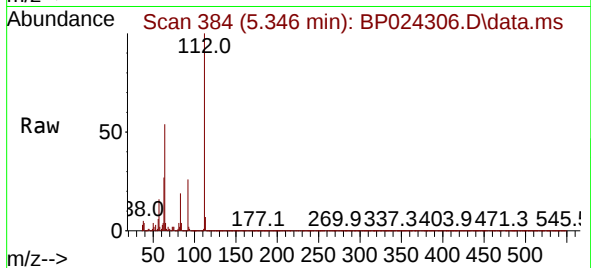




#5
2-Fluorophenol
Concen: 134.651 ng
RT: 5.346 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

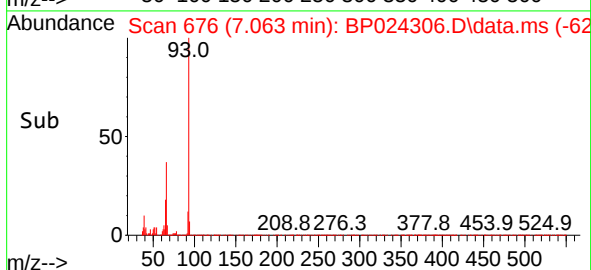
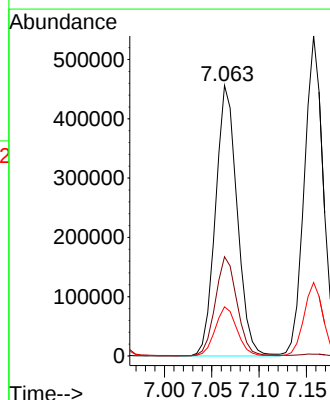
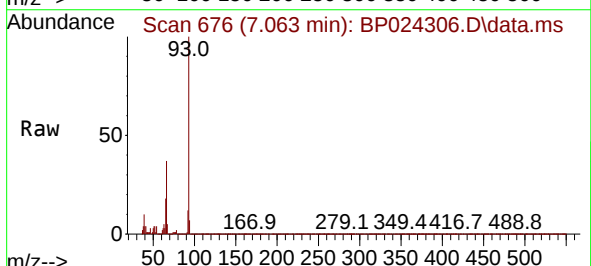
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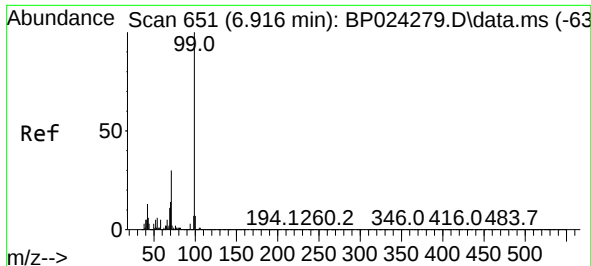
Tgt Ion:112 Resp: 2216165
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 27.2 20.6 30.8



#6
Aniline
Concen: 36.017 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion: 93 Resp: 725311
Ion Ratio Lower Upper
93 100
66 36.7 29.1 43.7
65 18.2 14.7 22.1

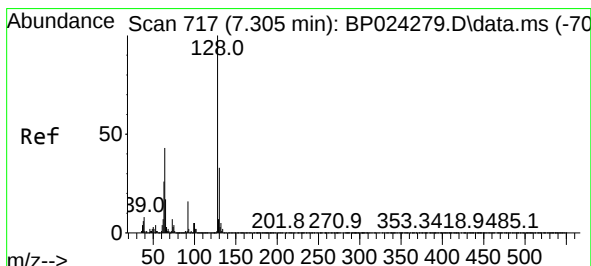
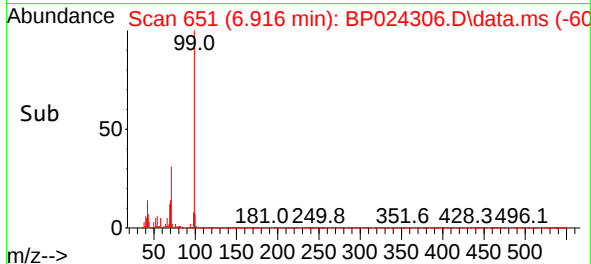
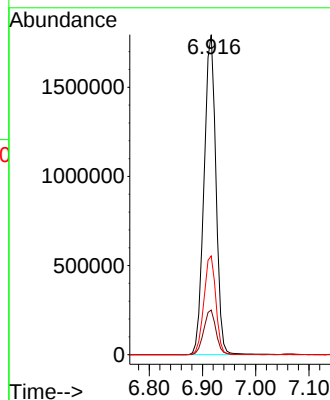
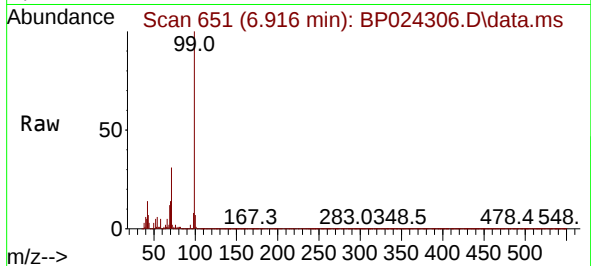




#7
Phenol-d6
Concen: 123.270 ng
RT: 6.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

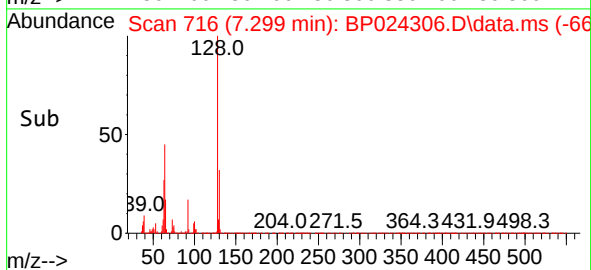
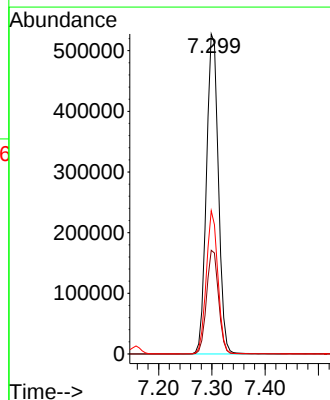
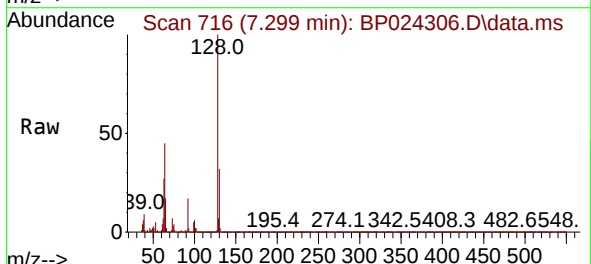
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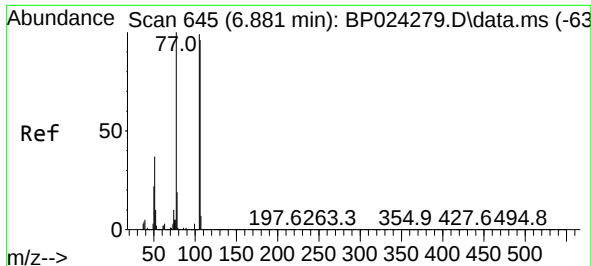
Tgt Ion: 99 Resp: 2778072
Ion Ratio Lower Upper
99 100
42 14.0 10.6 16.0
71 30.8 23.7 35.5



#8
2-Chlorophenol
Concen: 44.786 ng
RT: 7.299 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:128 Resp: 822983
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 44.8 22.7 62.7

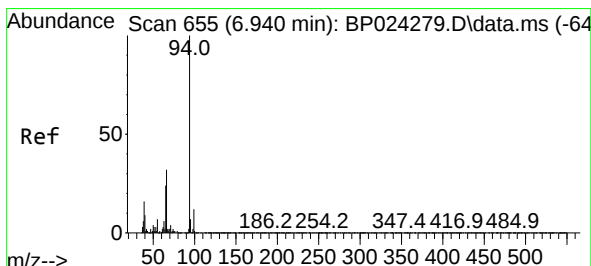
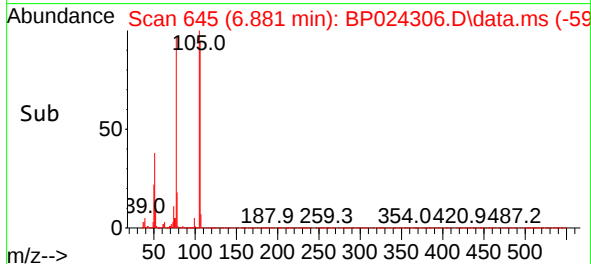
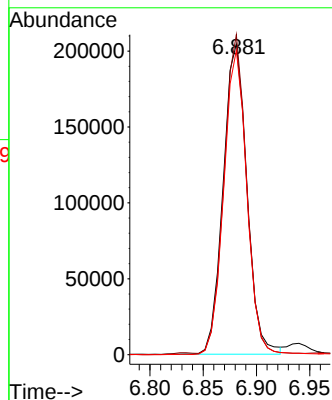
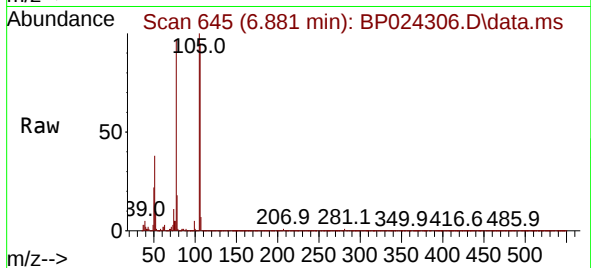




#9
Benzaldehyde
Concen: 28.376 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

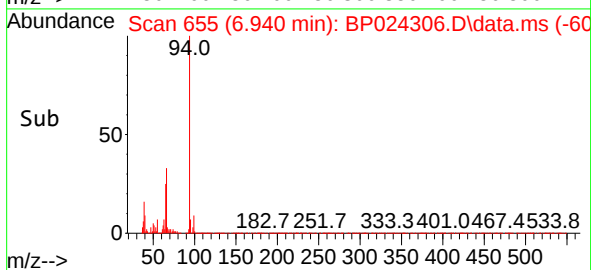
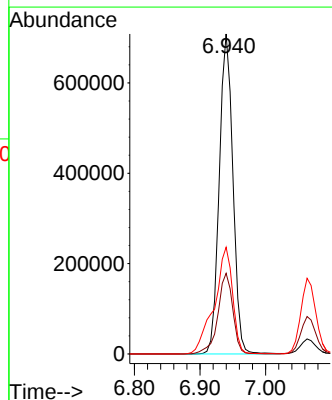
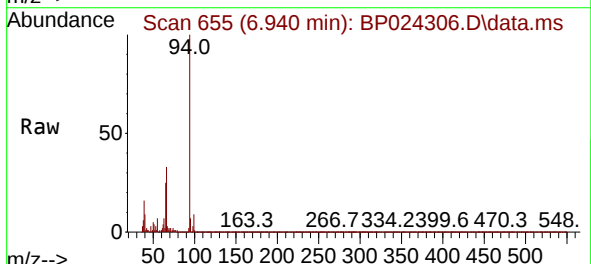
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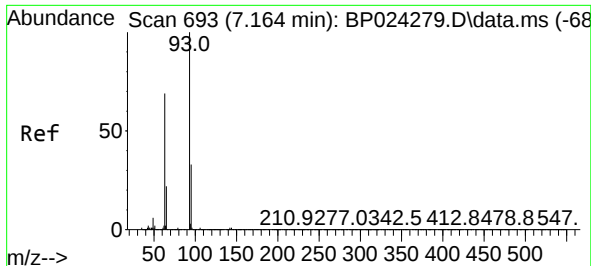
Tgt Ion: 77 Resp: 316335
Ion Ratio Lower Upper
77 100
105 103.0 79.2 119.2
106 98.0 76.2 116.2



#10
Phenol
Concen: 45.045 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion: 94 Resp: 1018349
Ion Ratio Lower Upper
94 100
65 25.2 4.5 44.5
66 33.4 12.4 52.4

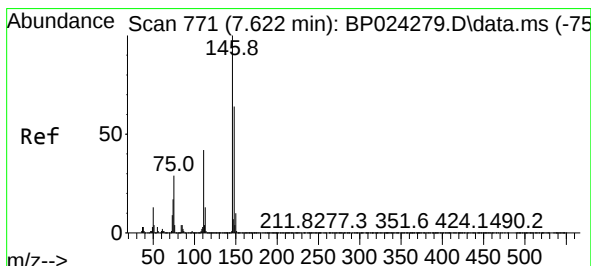
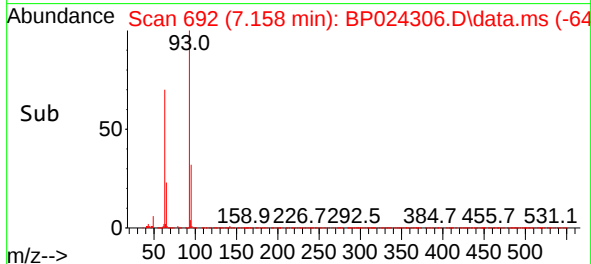
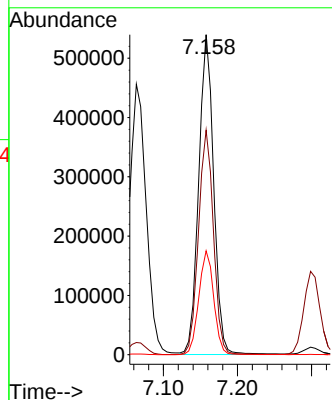
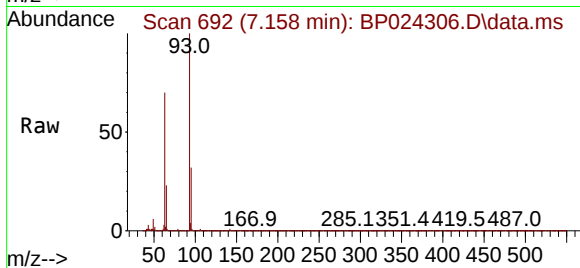




#11
bis(2-Chloroethyl)ether
Concen: 41.567 ng
RT: 7.158 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

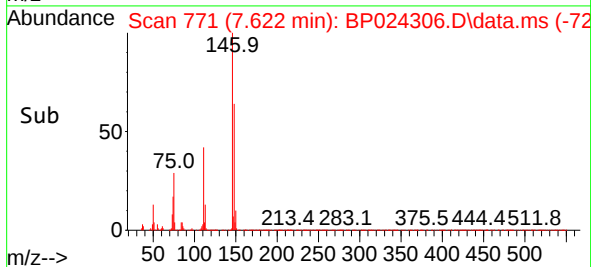
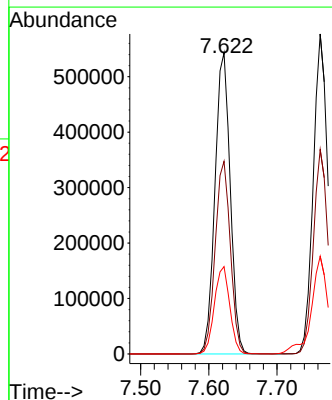
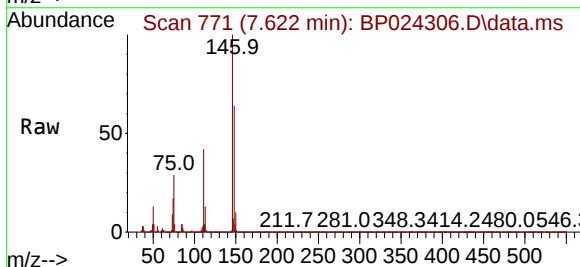
Instrument :
BNA_P
ClientSampleId :
PB167606BS

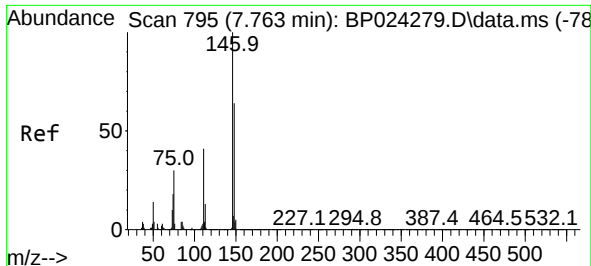
Tgt Ion: 93 Resp: 757143
Ion Ratio Lower Upper
93 100
63 70.2 48.6 88.6
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.766 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion: 146 Resp: 846026
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 29.0 22.9 34.3

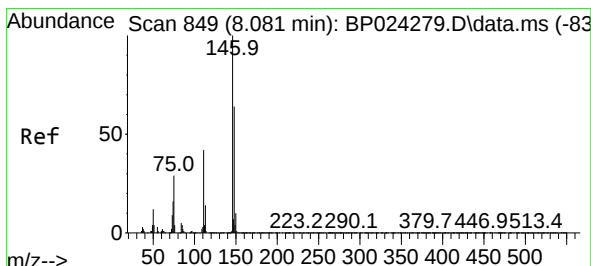
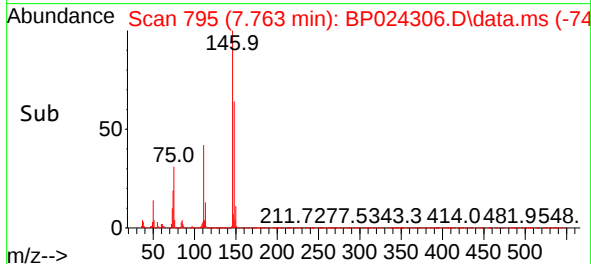
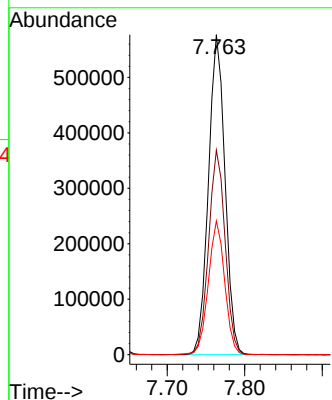
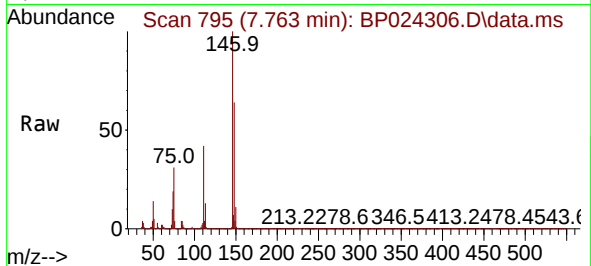




#13
1,4-Dichlorobenzene
Concen: 42.595 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

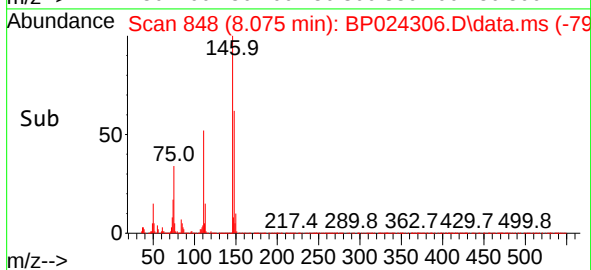
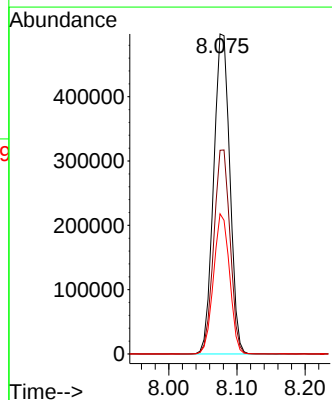
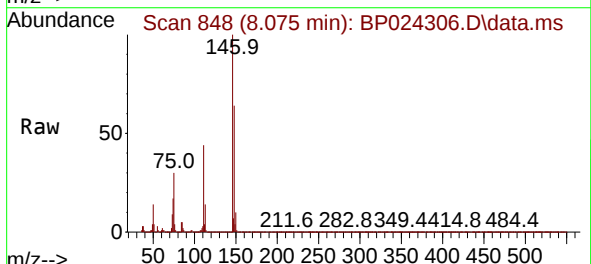
Instrument :
BNA_P
ClientSampleId :
PB167606BS

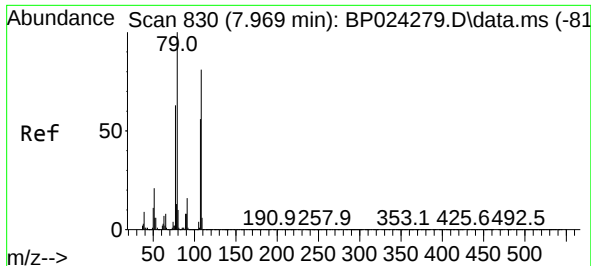
Tgt Ion:146 Resp: 854966
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 41.8 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.522 ng
RT: 8.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:146 Resp: 824170
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
111 43.8 33.8 50.8

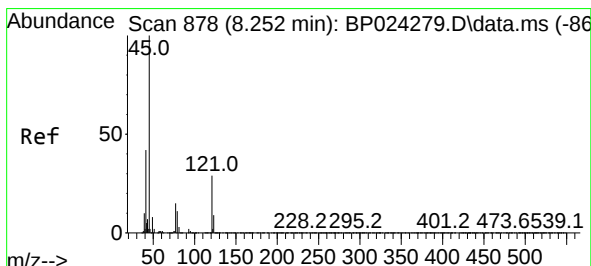
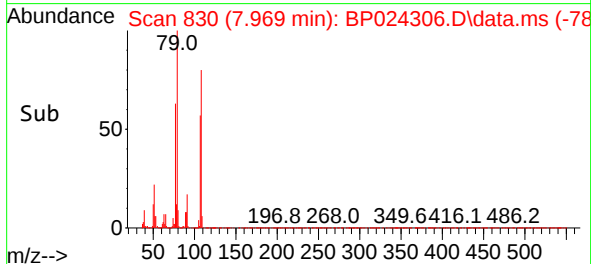
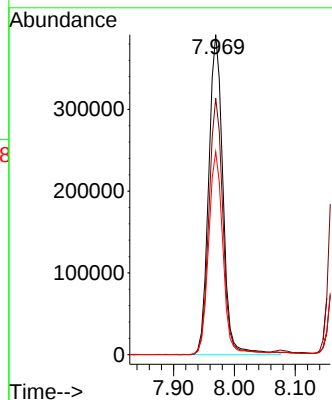
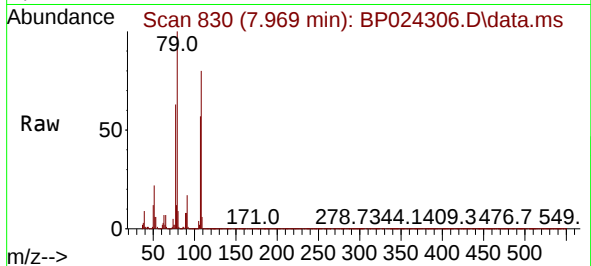




#15
Benzyl Alcohol
Concen: 43.788 ng
RT: 7.969 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

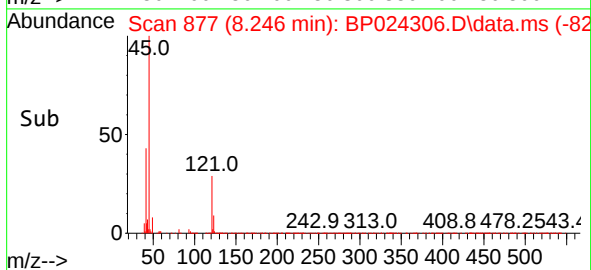
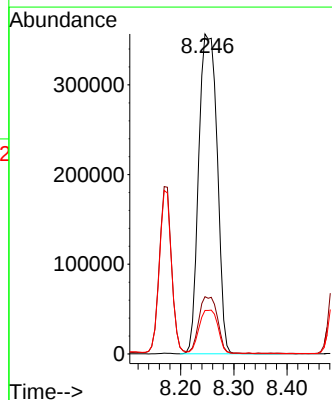
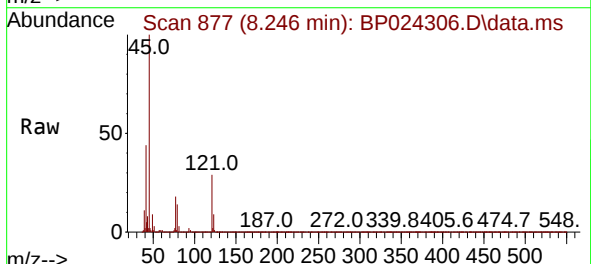
Instrument :
BNA_P
ClientSampleId :
PB167606BS

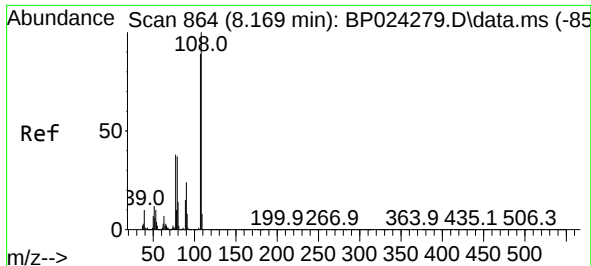
Tgt Ion: 79 Resp: 638176
Ion Ratio Lower Upper
79 100
108 80.1 65.1 97.7
77 63.4 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.513 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion: 45 Resp: 856698
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 13.6 0.0 33.5

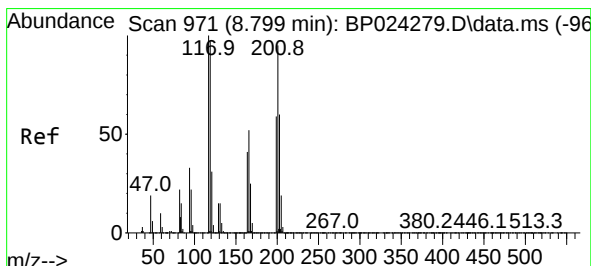
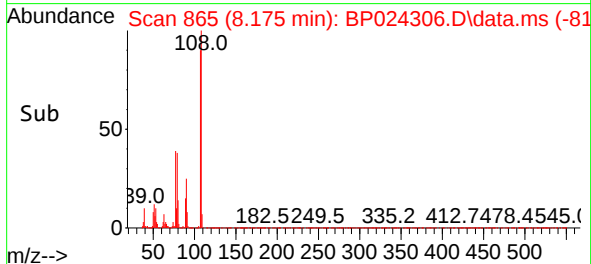
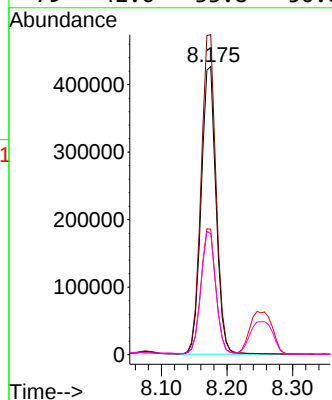
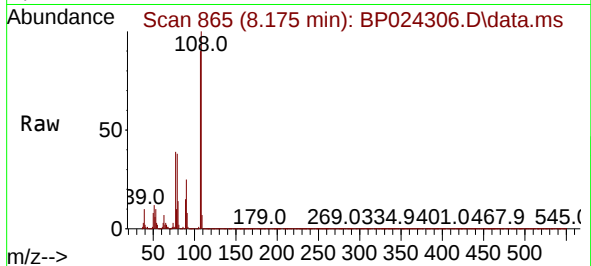




#17
2-Methylphenol
Concen: 45.969 ng
RT: 8.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

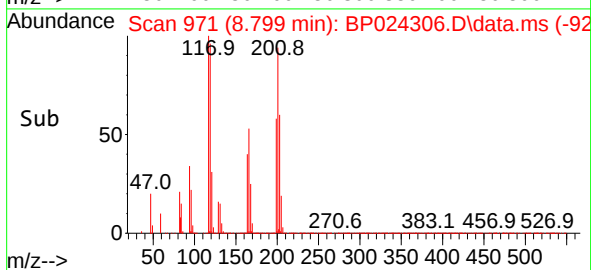
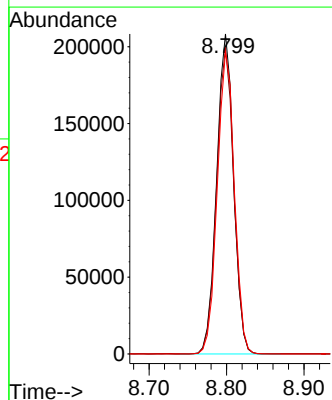
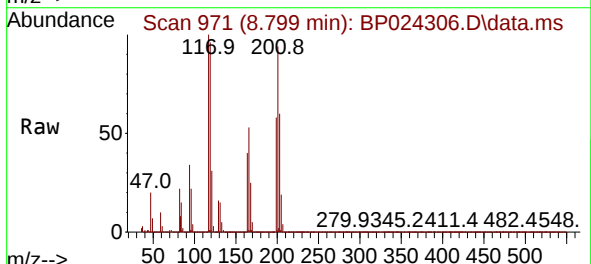
Instrument :
BNA_P
ClientSampleId :
PB167606BS

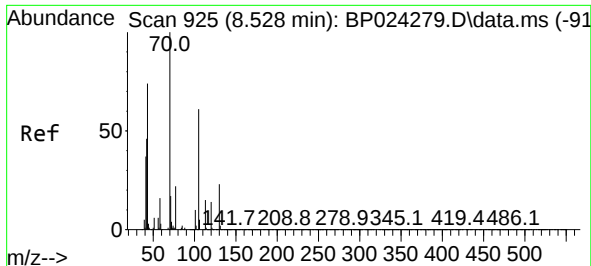
Tgt Ion:107 Resp: 672287
Ion Ratio Lower Upper
107 100
108 111.1 89.8 134.6
77 43.6 34.2 51.4
79 42.0 33.8 50.8



#18
Hexachloroethane
Concen: 43.741 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:117 Resp: 317291
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.6
201 94.4 75.9 113.9

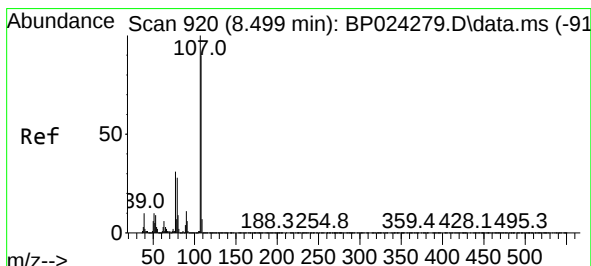
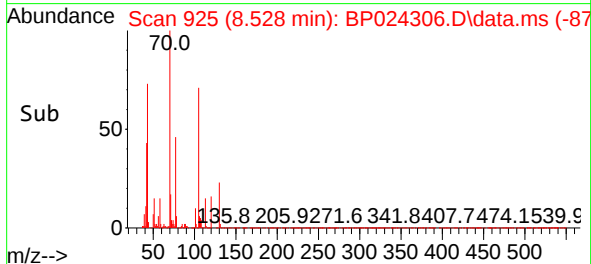
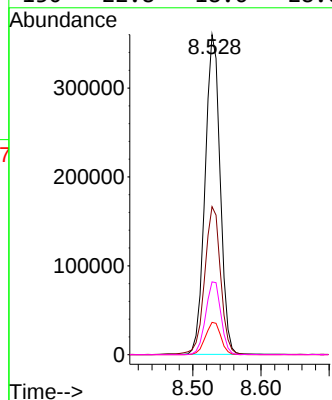
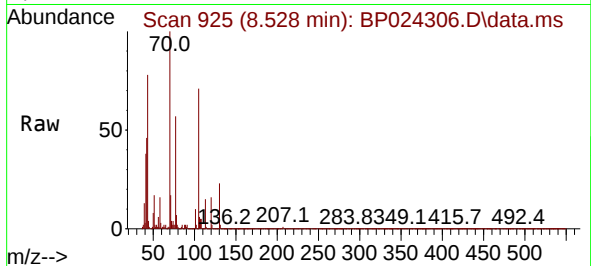




#19
n-Nitroso-di-n-propylamine
Concen: 39.705 ng
RT: 8.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

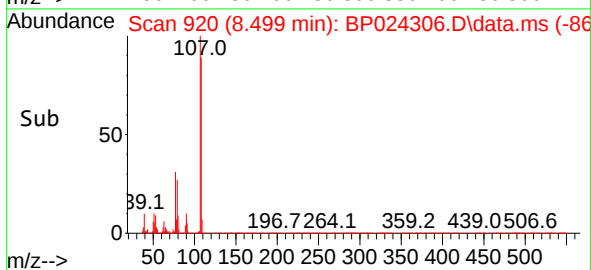
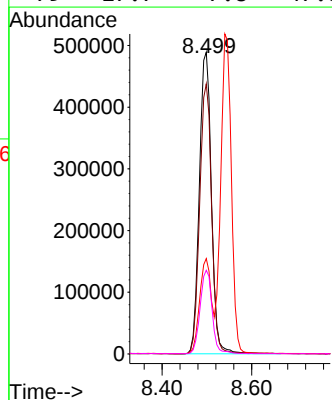
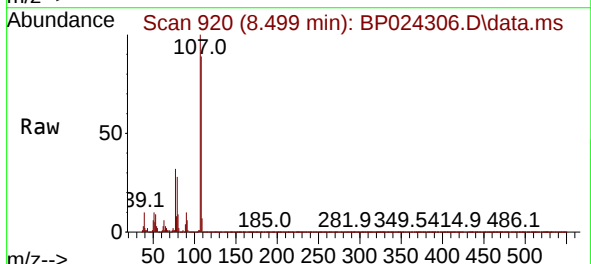
Instrument :
BNA_P
ClientSampleId :
PB167606BS

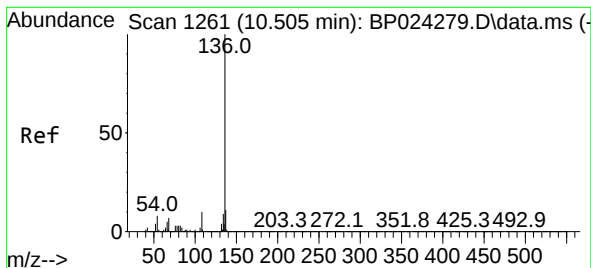
Tgt Ion: 70 Resp: 553580
Ion Ratio Lower Upper
70 100
42 46.2 37.3 55.9
101 10.1 8.2 12.4
130 22.8 18.6 28.0



#20
3+4-Methylphenols
Concen: 44.839 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion: 107 Resp: 909885
Ion Ratio Lower Upper
107 100
108 89.5 69.8 109.8
77 31.6 11.5 51.5
79 27.7 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.504 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

Tgt Ion:136 Resp: 1102104

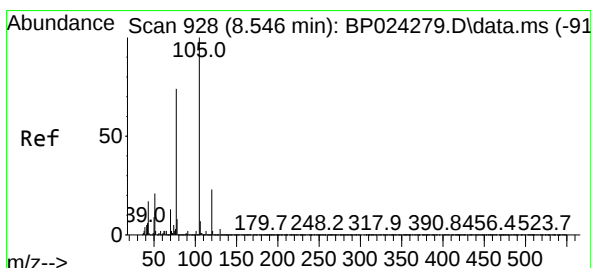
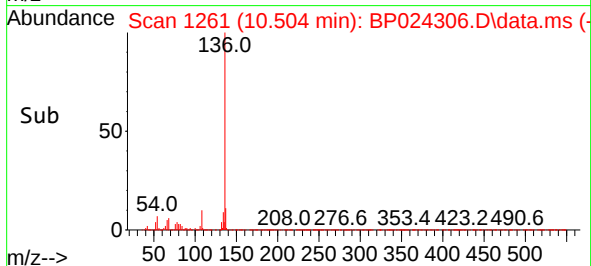
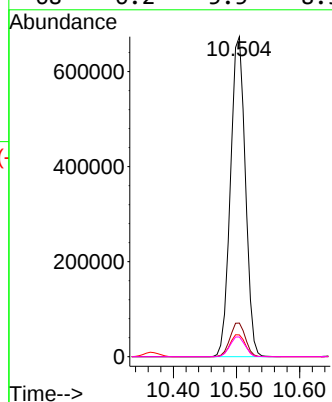
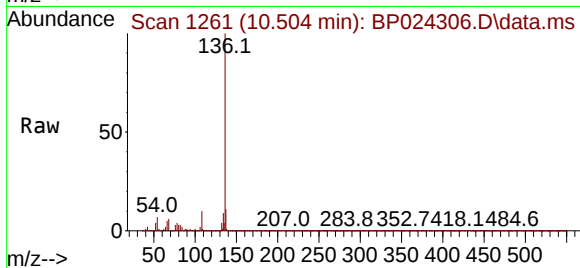
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 6.8 6.0 9.0

68 6.2 5.5 8.3



#22

Acetophenone

Concen: 42.095 ng

RT: 8.540 min Scan# 927

Delta R.T. -0.006 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Tgt Ion:105 Resp: 1148260

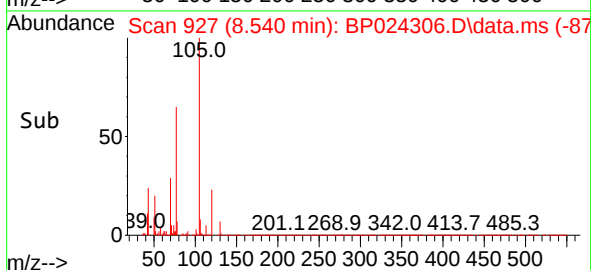
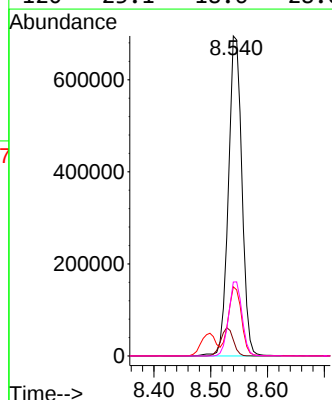
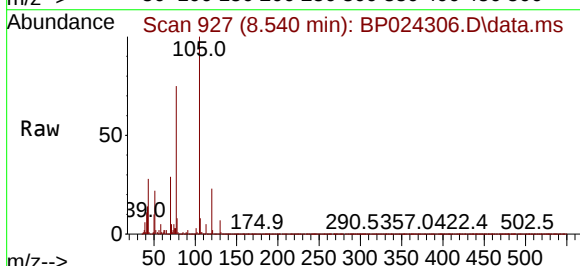
Ion Ratio Lower Upper

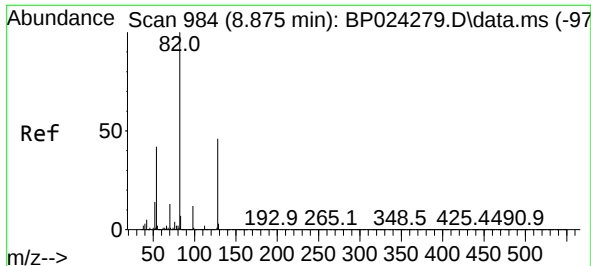
105 100

71 5.0 1.7 2.5

51 21.6 16.9 25.3

120 23.1 18.6 28.0

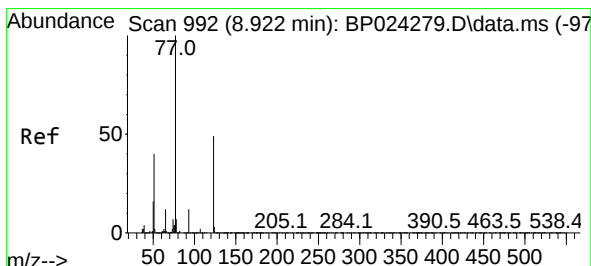
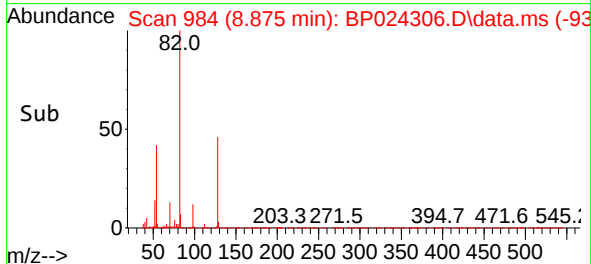
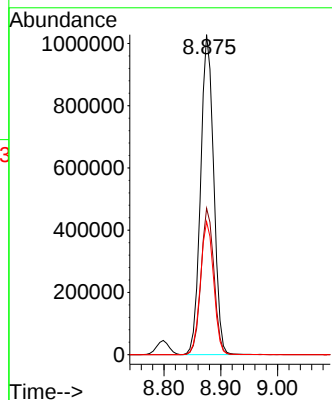
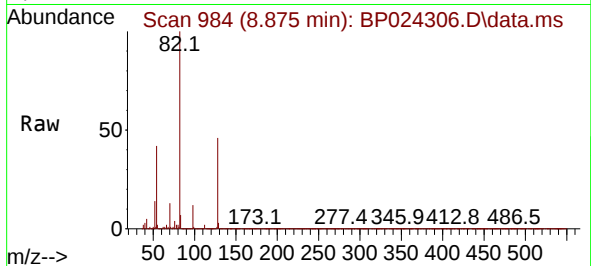




#23
Nitrobenzene-d5
Concen: 85.203 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

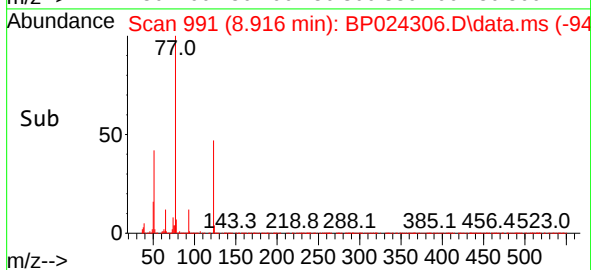
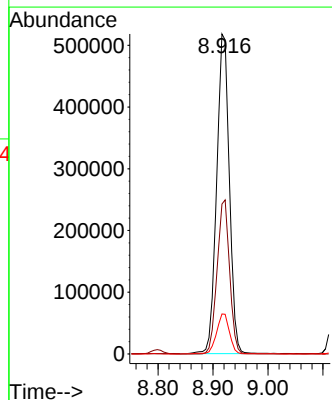
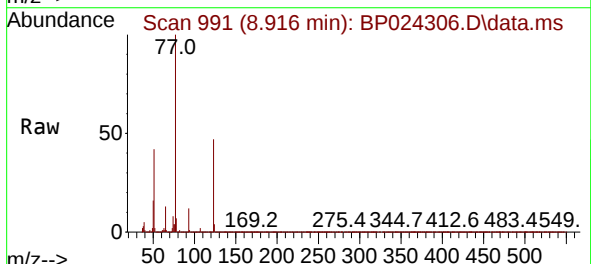
Instrument :
BNA_P
ClientSampleId :
PB167606BS

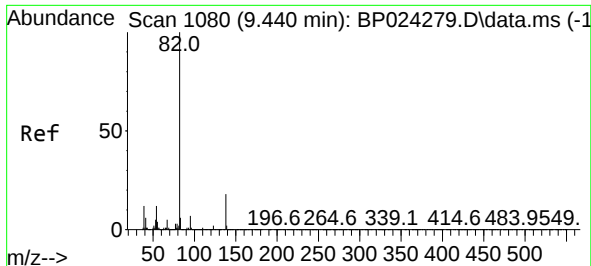
Tgt Ion: 82 Resp: 1646805
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 41.5 33.4 50.2



#24
Nitrobenzene
Concen: 43.496 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion: 77 Resp: 831664
Ion Ratio Lower Upper
77 100
123 46.8 39.2 58.8
65 12.5 9.8 14.6

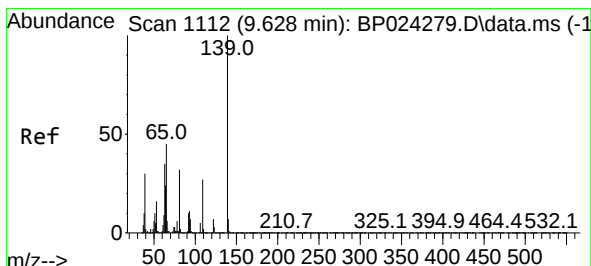
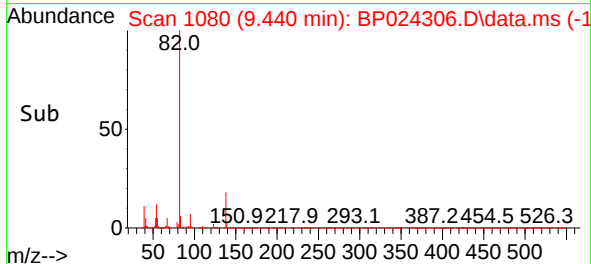
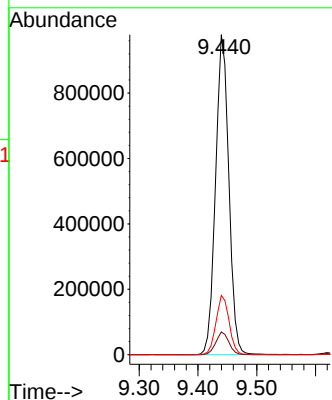
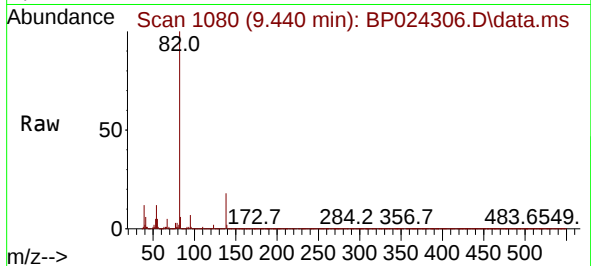




#25
Isophorone
Concen: 43.795 ng
RT: 9.440 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

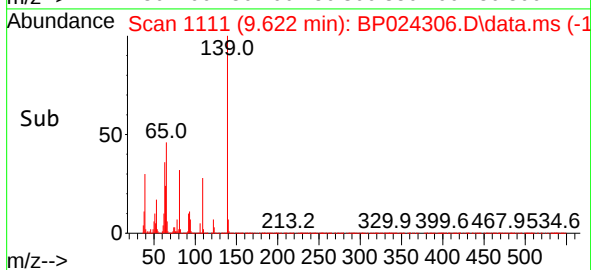
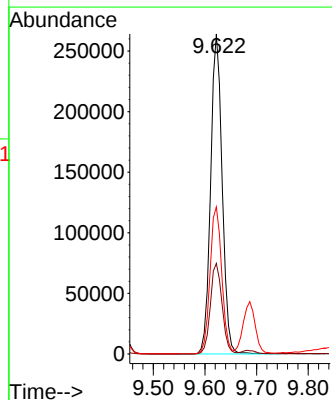
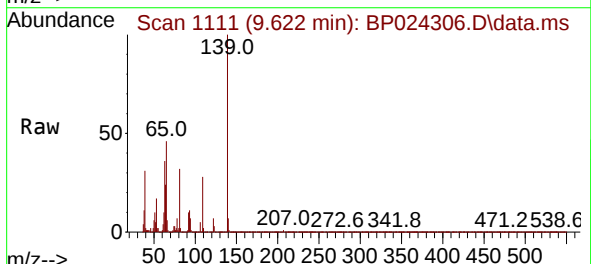
Instrument :
BNA_P
ClientSampleId :
PB167606BS

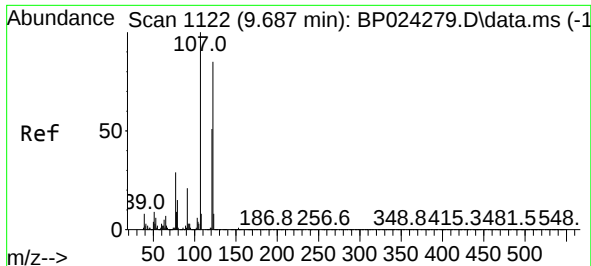
Tgt Ion: 82 Resp: 1532170
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 18.5 14.4 21.6



#26
2-Nitrophenol
Concen: 43.756 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion: 139 Resp: 409423
Ion Ratio Lower Upper
139 100
109 28.3 21.8 32.6
65 46.0 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 63.428 ng

RT: 9.687 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

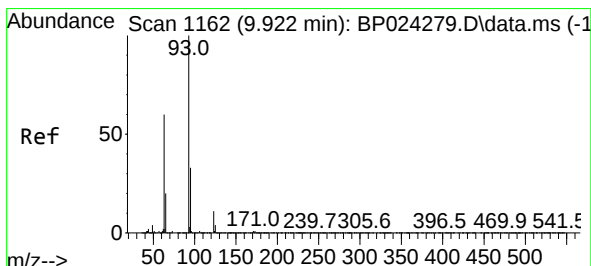
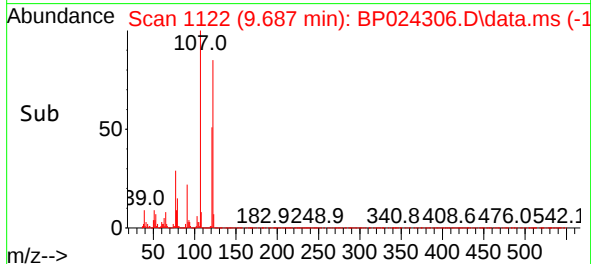
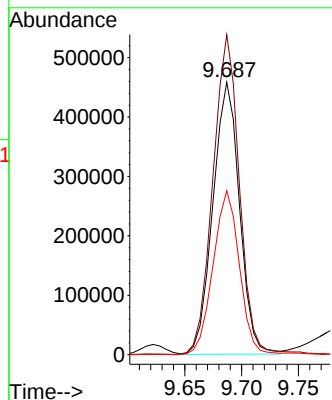
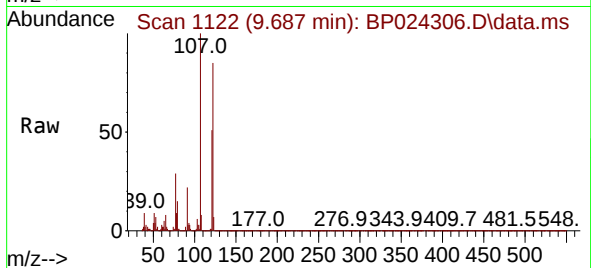
Tgt Ion:122 Resp: 745204

Ion Ratio Lower Upper

122 100

107 117.4 93.7 140.5

121 60.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.569 ng

RT: 9.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

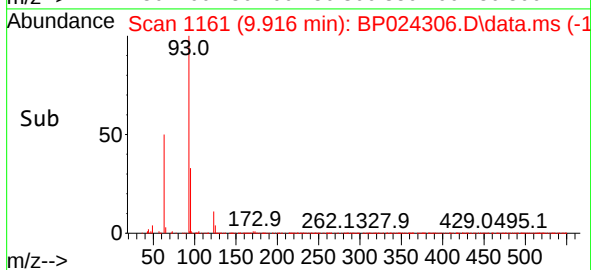
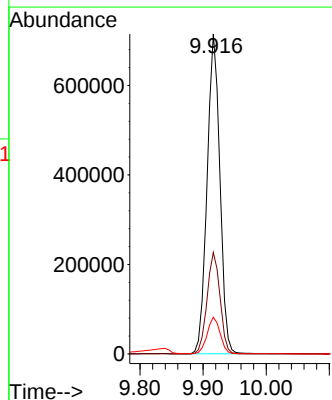
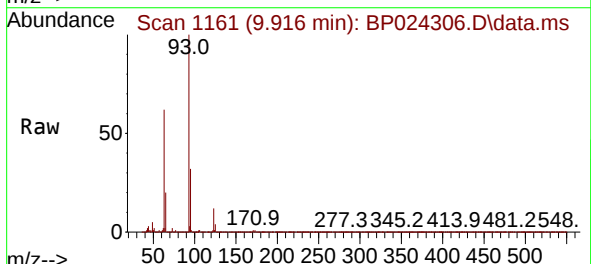
Tgt Ion: 93 Resp: 1006070

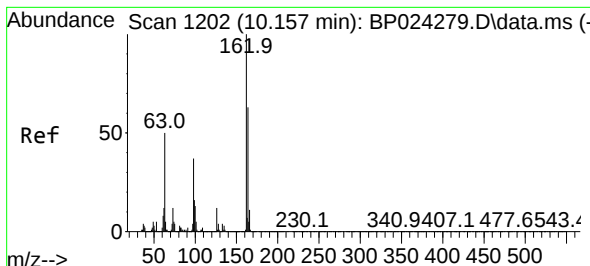
Ion Ratio Lower Upper

93 100

95 31.7 26.0 39.0

123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.096 ng

RT: 10.151 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

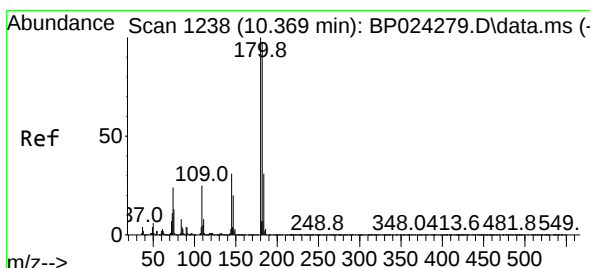
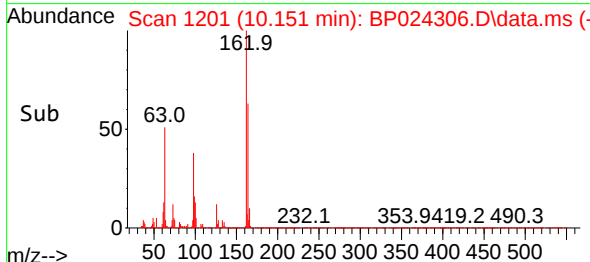
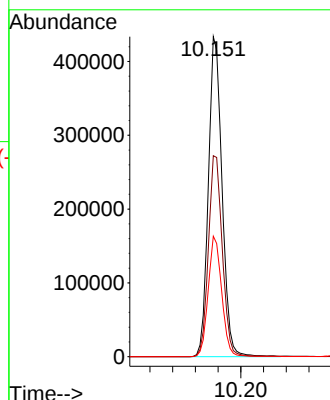
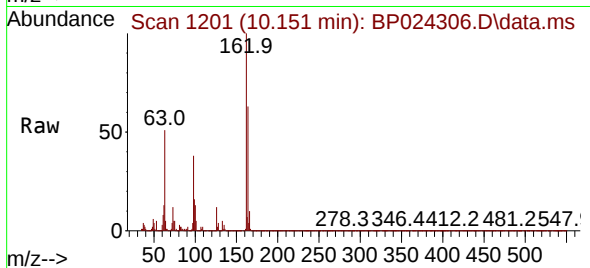
Tgt Ion:162 Resp: 722424

Ion Ratio Lower Upper

162 100

164 62.8 43.3 83.3

98 37.7 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.315 ng

RT: 10.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

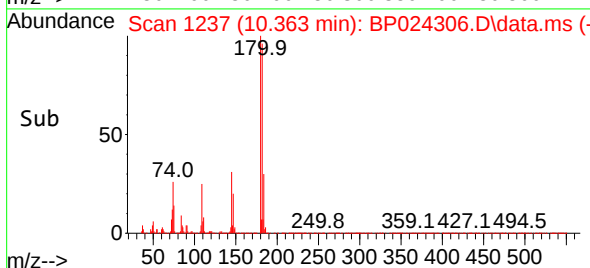
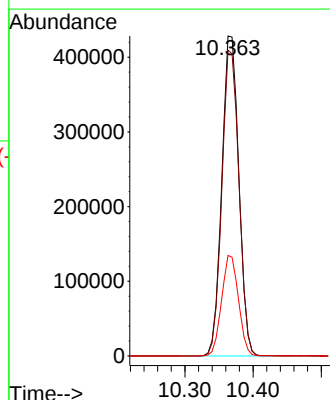
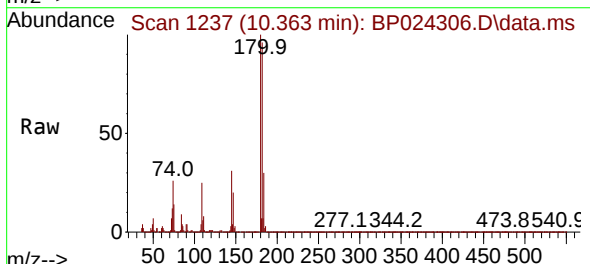
Tgt Ion:180 Resp: 743445

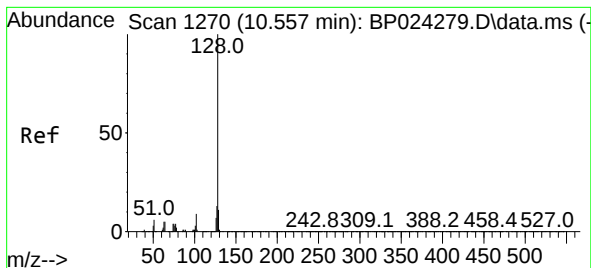
Ion Ratio Lower Upper

180 100

182 95.5 77.3 115.9

145 31.4 25.1 37.7

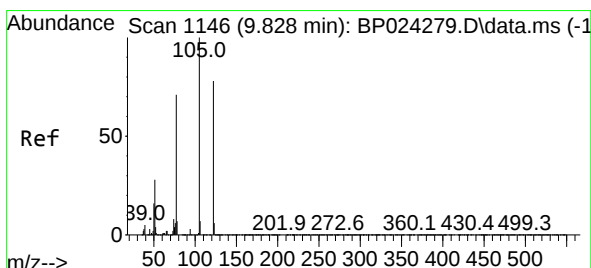
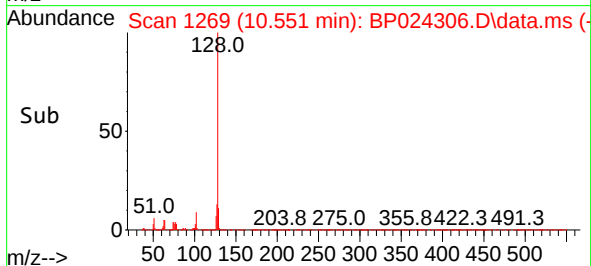
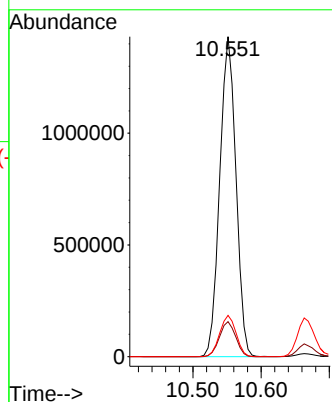
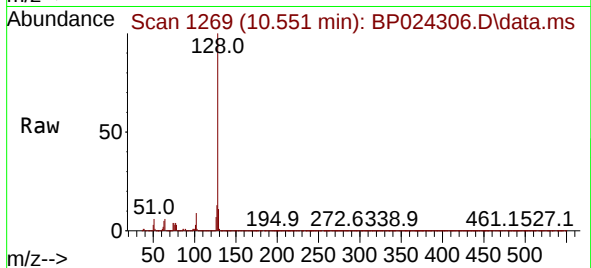




#31
Naphthalene
Concen: 40.816 ng
RT: 10.551 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

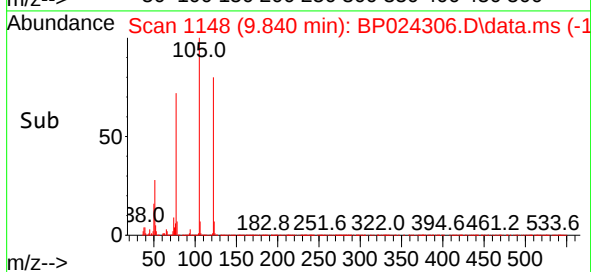
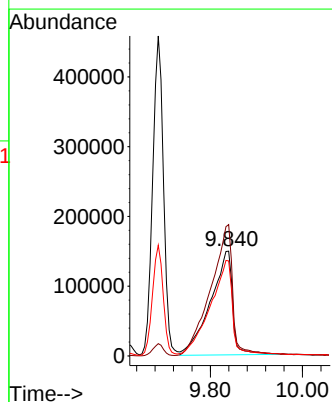
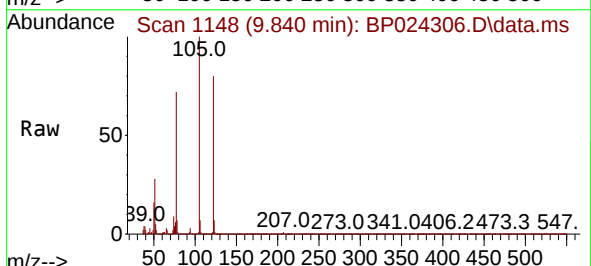
Instrument :
BNA_P
ClientSampleId :
PB167606BS

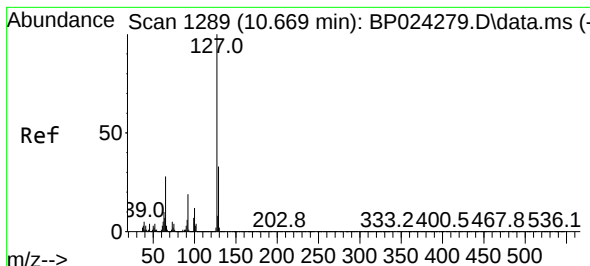
Tgt Ion:128 Resp: 2369540
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 36.208 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.035 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:122 Resp: 495692
Ion Ratio Lower Upper
122 100
105 125.3 104.8 144.8
77 90.6 69.2 109.2





#33

4-Chloroaniline

Concen: 15.381 ng

RT: 10.663 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

Tgt Ion:127 Resp: 314464

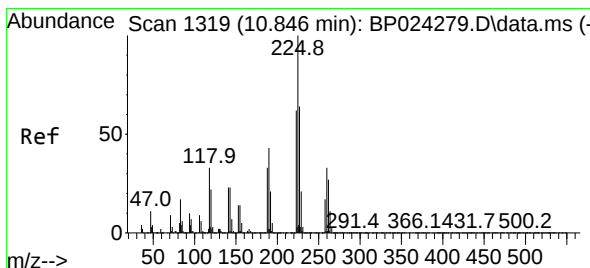
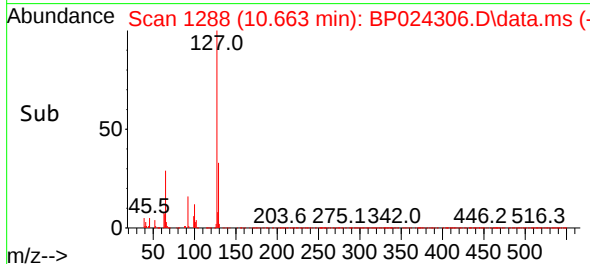
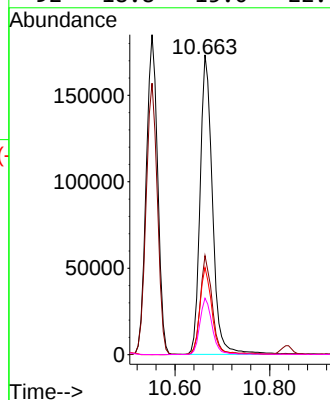
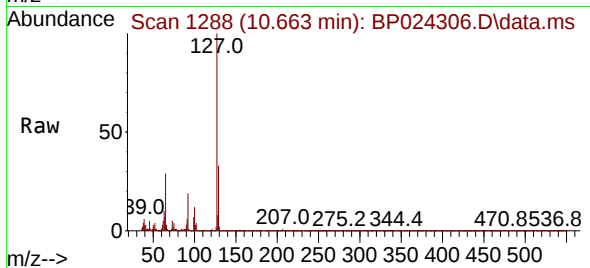
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 29.1 22.1 33.1

92 18.8 15.0 22.4



#34

Hexachlorobutadiene

Concen: 43.318 ng

RT: 10.840 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

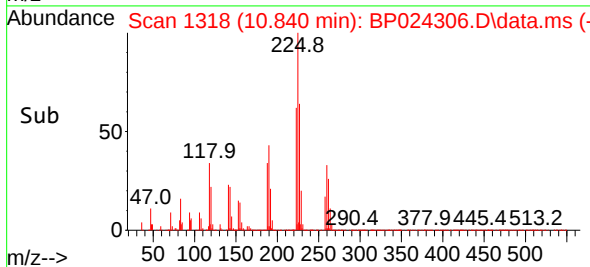
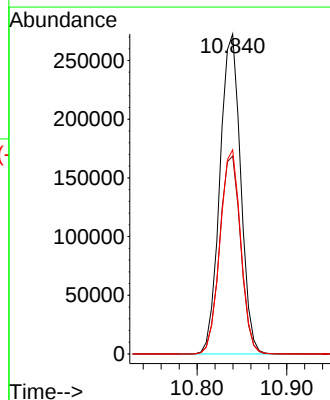
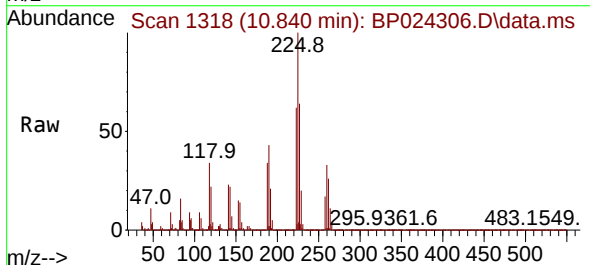
Tgt Ion:225 Resp: 436902

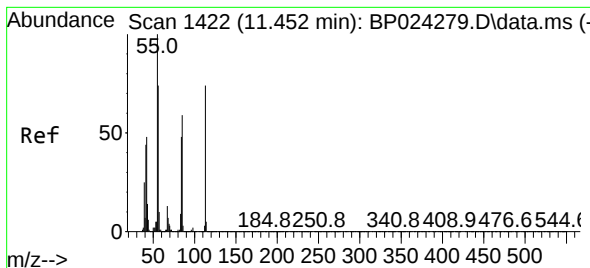
Ion Ratio Lower Upper

225 100

223 61.8 49.5 74.3

227 63.8 50.9 76.3

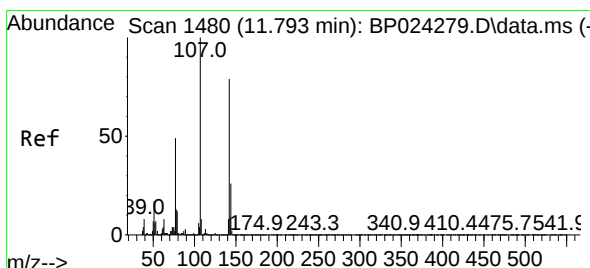
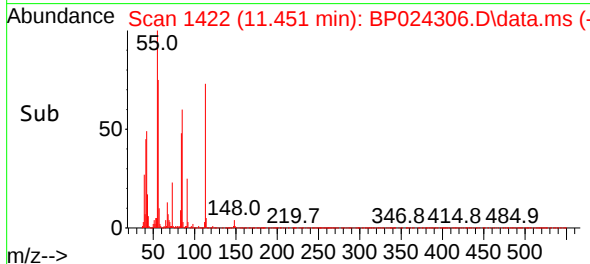
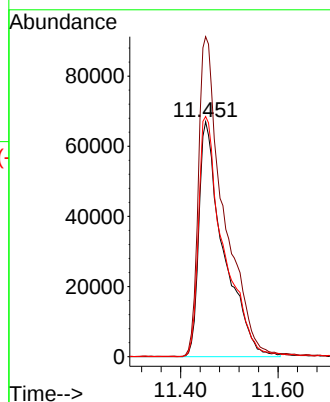
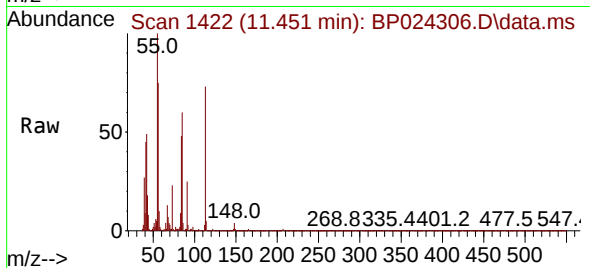




#35
Caprolactam
Concen: 39.575 ng
RT: 11.451 min Scan# 1422
Delta R.T. -0.029 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

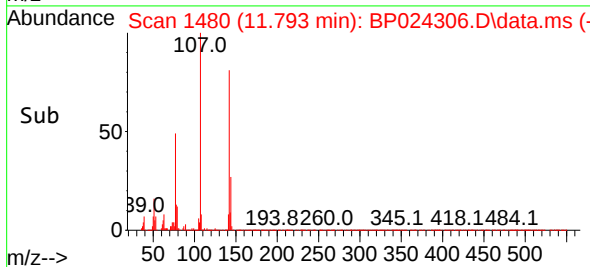
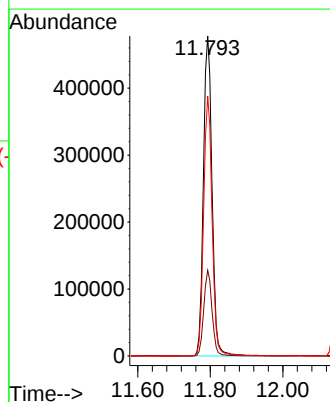
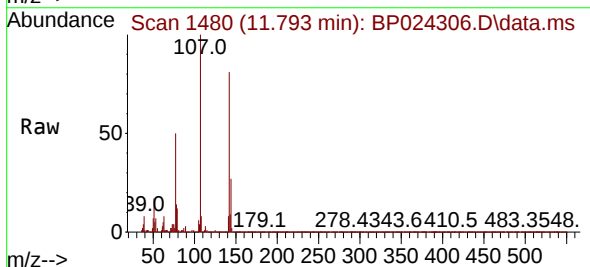
Instrument :
BNA_P
ClientSampleId :
PB167606BS

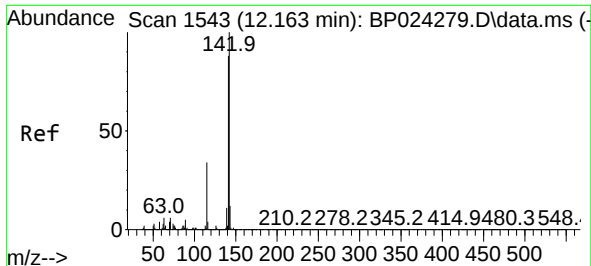
Tgt Ion:113 Resp: 233922
Ion Ratio Lower Upper
113 100
55 136.2 115.9 155.9
56 102.2 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 42.438 ng
RT: 11.793 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:107 Resp: 791854
Ion Ratio Lower Upper
107 100
144 26.8 20.5 30.7
142 81.2 63.4 95.2

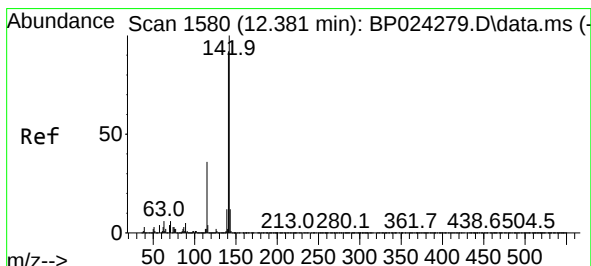
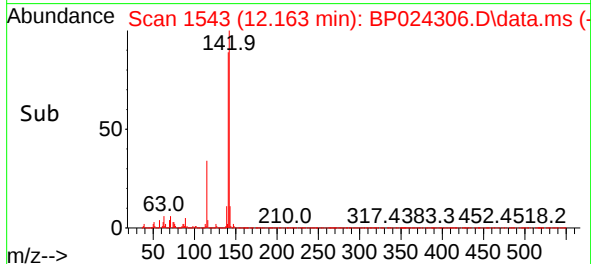
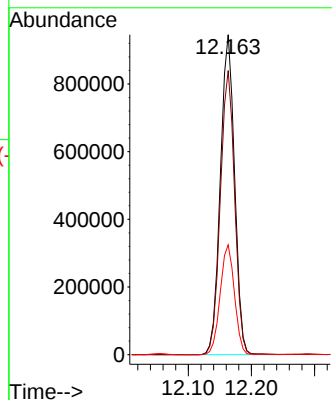
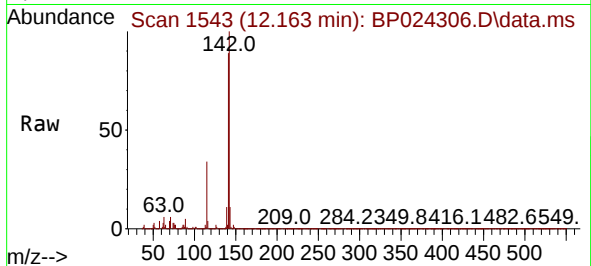




#37
2-Methylnaphthalene
Concen: 36.814 ng
RT: 12.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

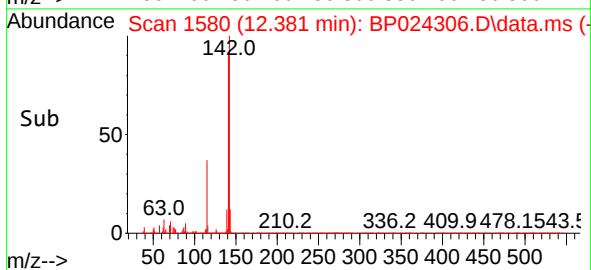
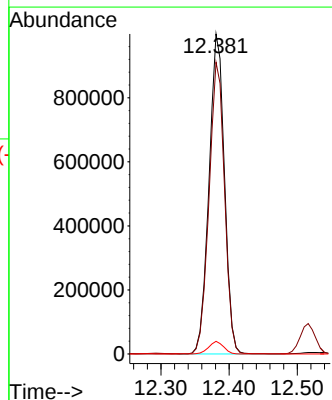
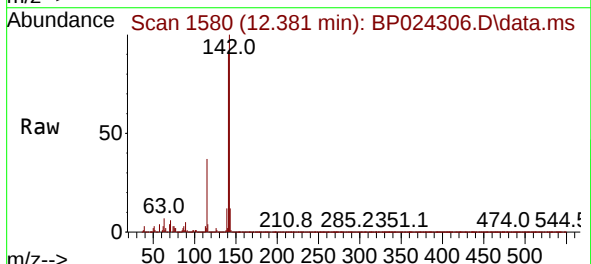
Instrument :
BNA_P
ClientSampleId :
PB167606BS

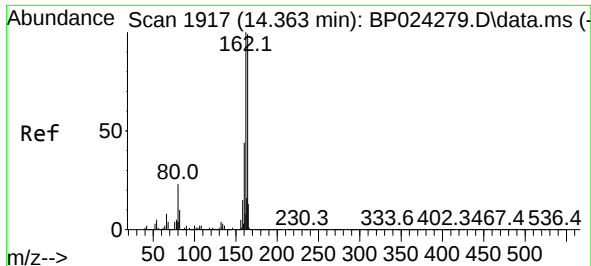
Tgt Ion:142 Resp: 1482193
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 34.3 26.9 40.3



#38
1-Methylnaphthalene
Concen: 39.886 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:142 Resp: 1571012
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4
116 4.0 3.0 4.6

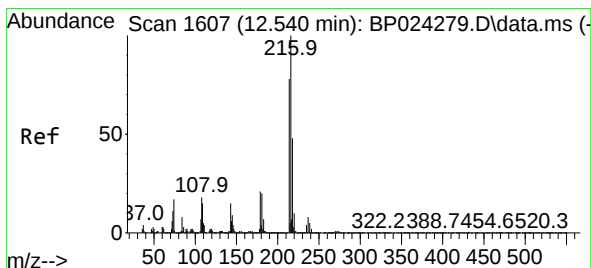
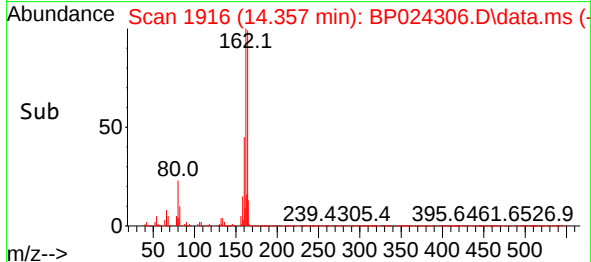
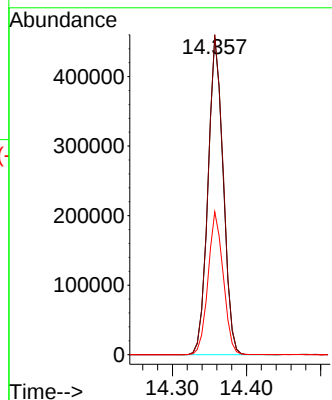
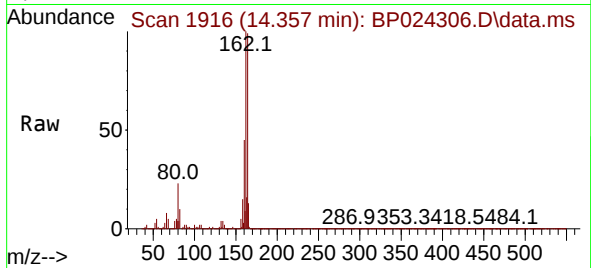




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

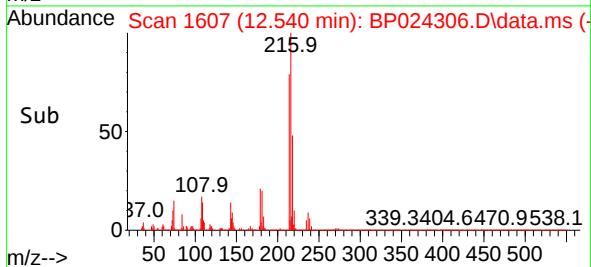
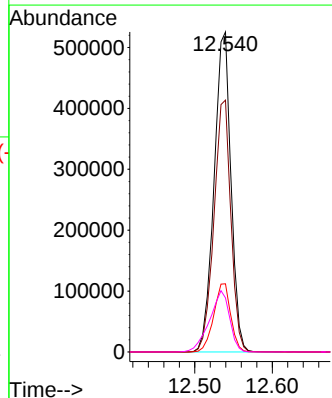
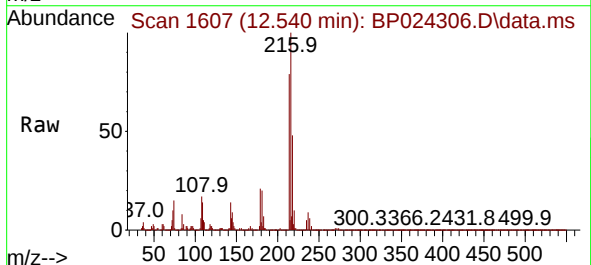
Instrument :
BNA_P
ClientSampleId :
PB167606BS

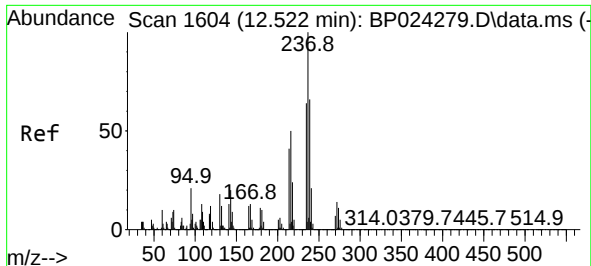
Tgt Ion:164 Resp: 648559
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 45.1 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.506 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:216 Resp: 793792
Ion Ratio Lower Upper
216 100
214 78.9 62.6 93.8
179 21.6 17.2 25.8
108 22.7 15.0 22.6#

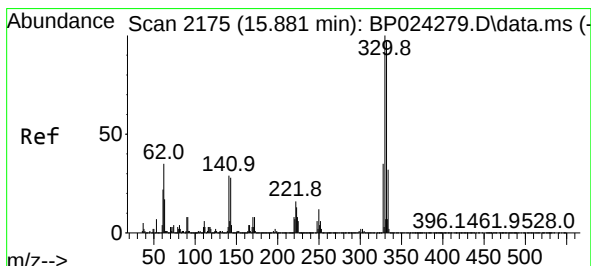
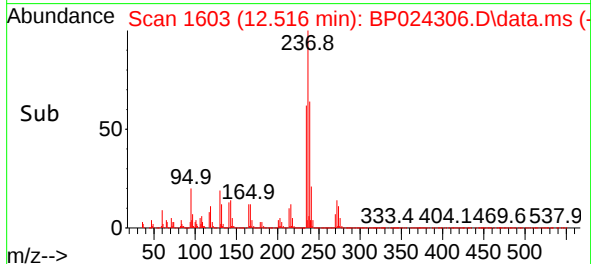
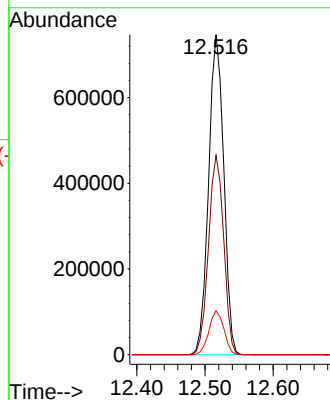
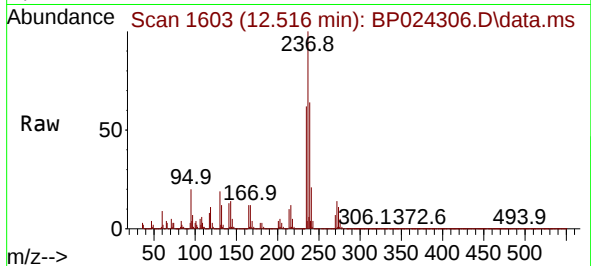




#41
Hexachlorocyclopentadiene
Concen: 182.960 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

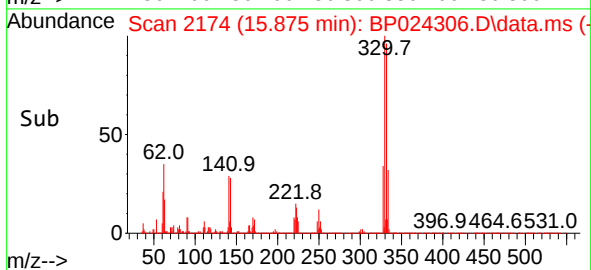
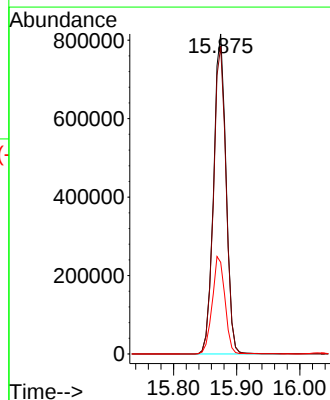
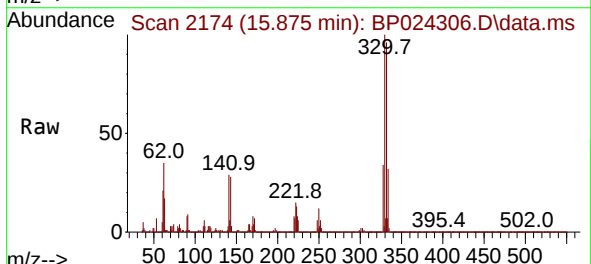
Instrument :
BNA_P
ClientSampleId :
PB167606BS

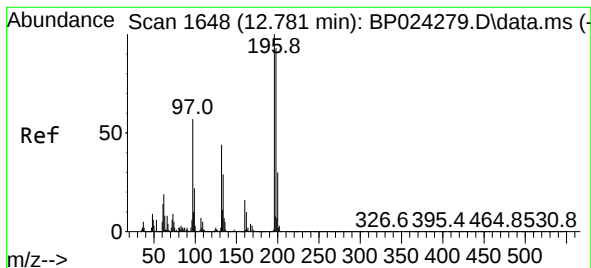
Tgt Ion:237 Resp: 1154099
Ion Ratio Lower Upper
237 100
235 62.3 43.9 83.9
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 124.008 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:330 Resp: 1112741
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.1 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 46.225 ng

RT: 12.775 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

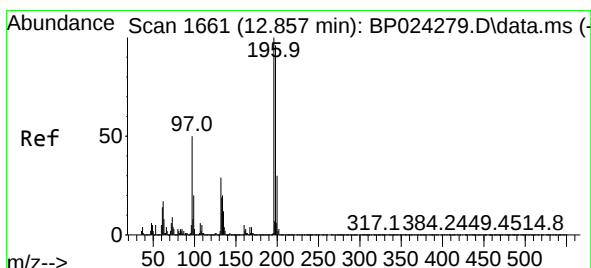
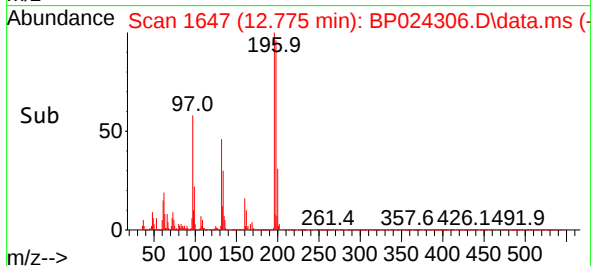
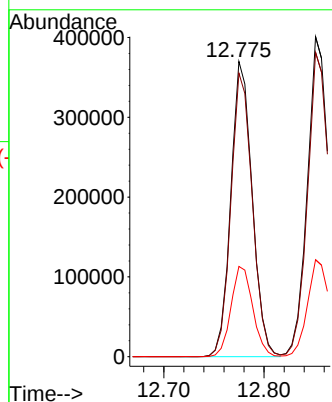
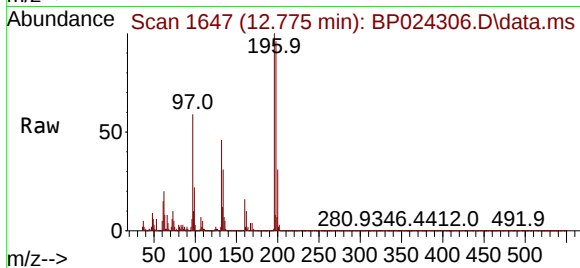
Tgt Ion:196 Resp: 548131

Ion Ratio Lower Upper

196 100

198 96.1 74.3 111.5

200 30.5 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 46.134 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Tgt Ion:196 Resp: 605796

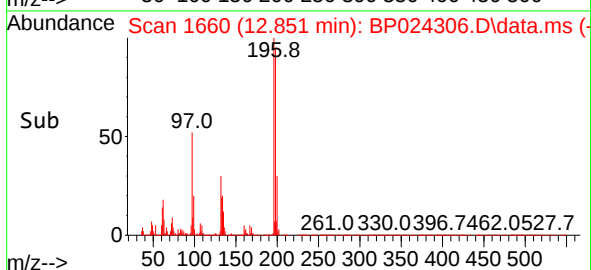
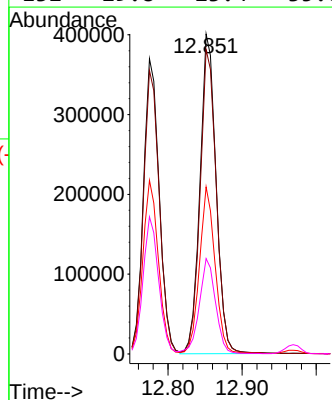
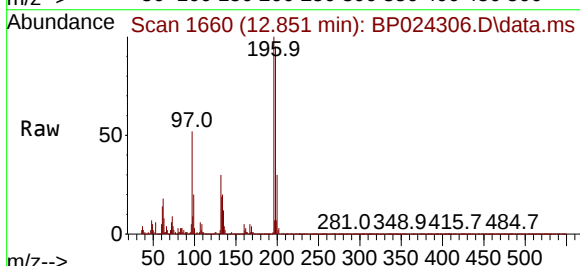
Ion Ratio Lower Upper

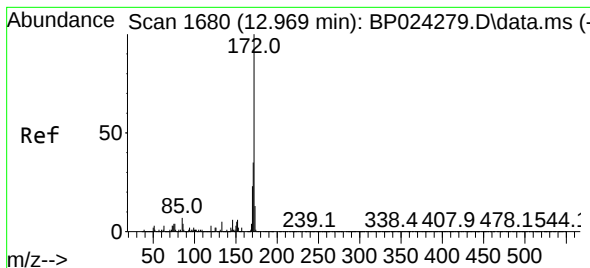
196 100

198 95.1 77.3 115.9

97 52.2 40.4 60.6

132 29.8 23.4 35.0

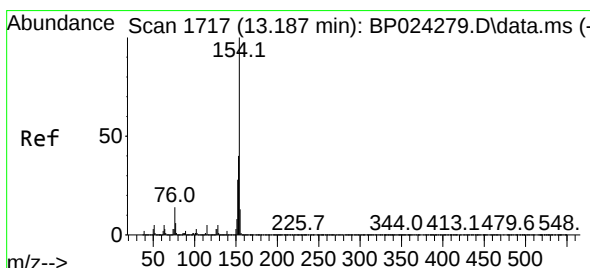
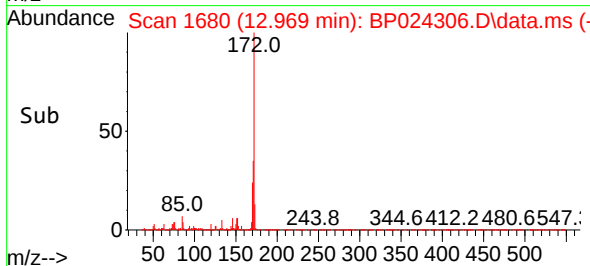
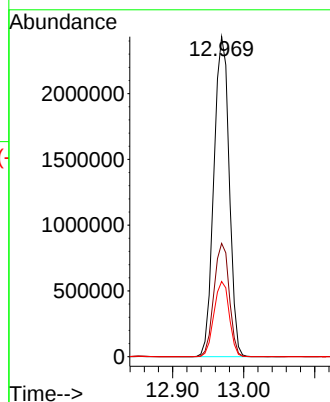
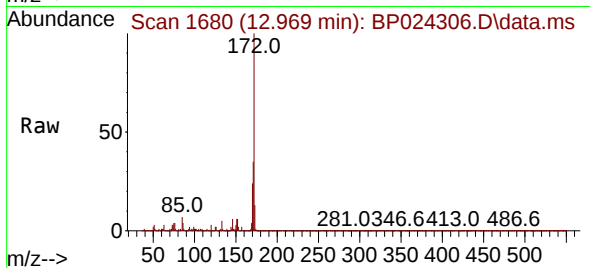




#45
2-Fluorobiphenyl
Concen: 85.941 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

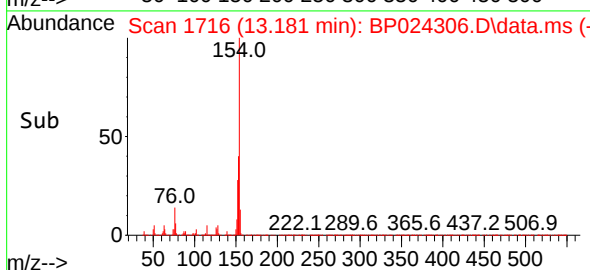
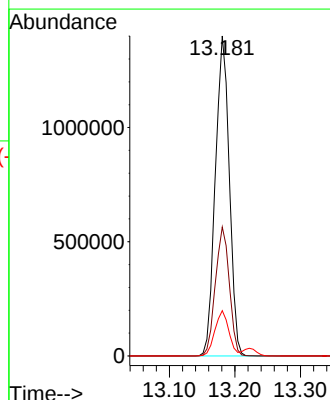
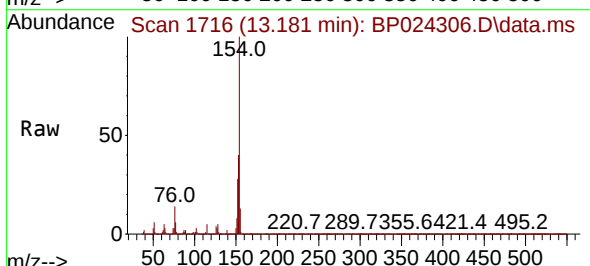
Instrument :
BNA_P
ClientSampleId :
PB167606BS

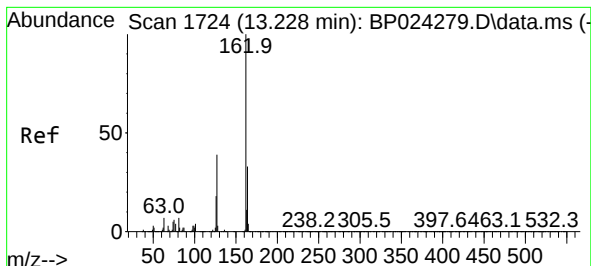
Tgt Ion:172 Resp: 3640359
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.404 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:154 Resp: 2069169
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 14.2 0.0 33.5





#47

2-Chloronaphthalene

Concen: 44.364 ng

RT: 13.222 min Scan# 1723

Delta R.T. -0.012 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

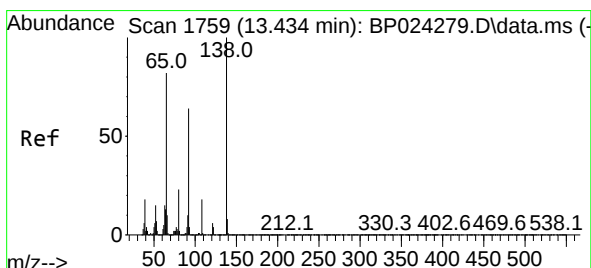
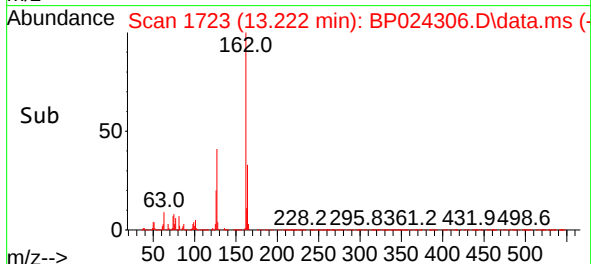
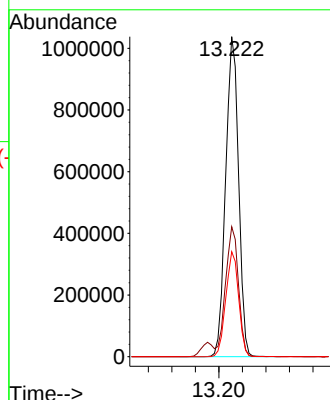
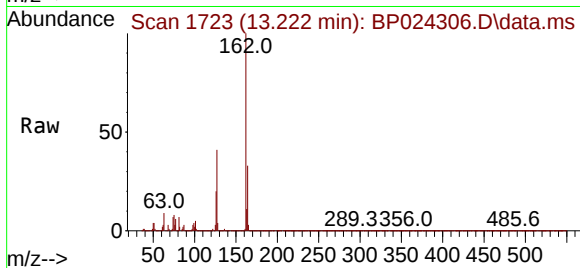
Tgt Ion:162 Resp: 1580672

Ion Ratio Lower Upper

162 100

127 40.6 31.9 47.9

164 32.8 26.2 39.4



#48

2-Nitroaniline

Concen: 46.384 ng

RT: 13.428 min Scan# 1758

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

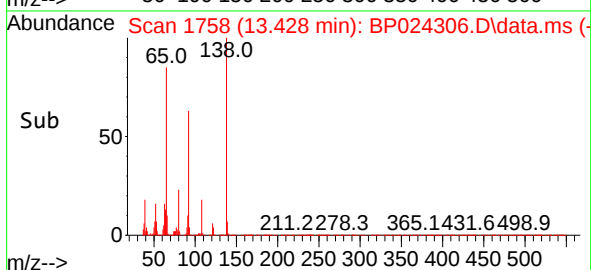
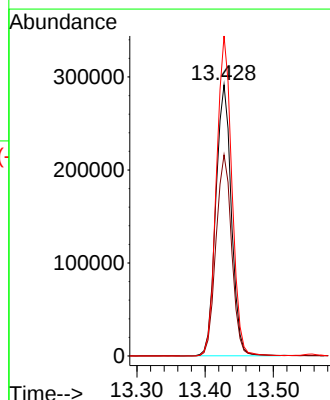
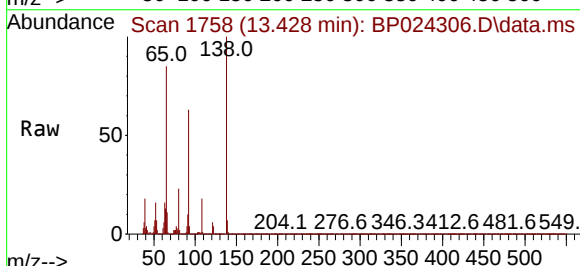
Tgt Ion: 65 Resp: 463578

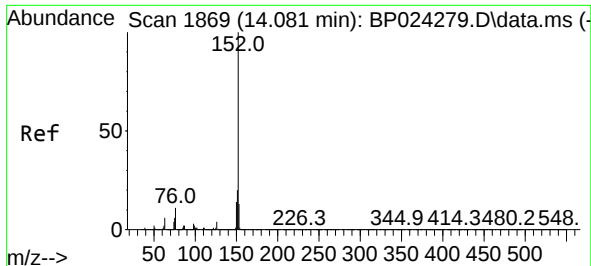
Ion Ratio Lower Upper

65 100

92 74.2 62.3 93.5

138 118.0 97.2 145.8

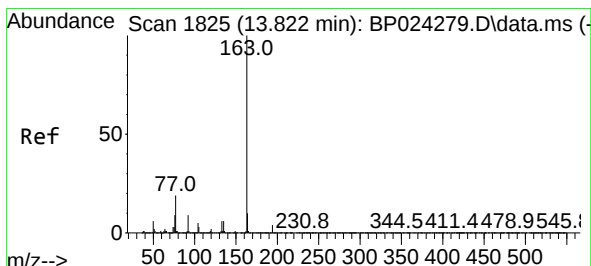
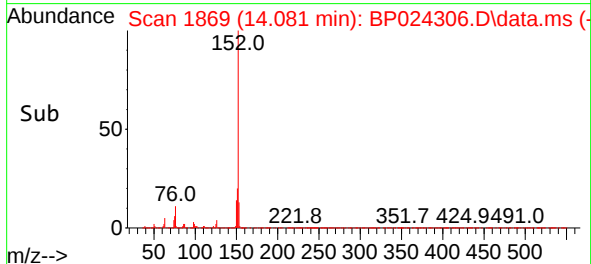
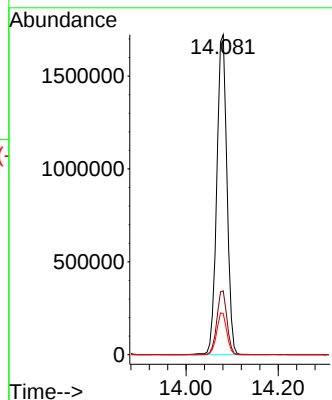
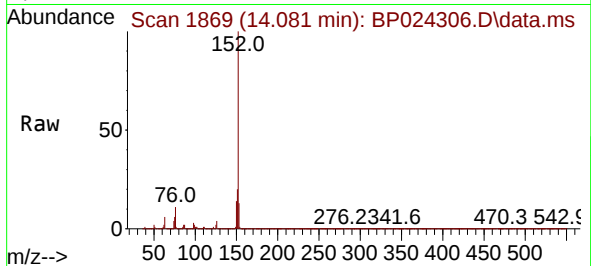




#49
Acenaphthylene
Concen: 46.879 ng
RT: 14.081 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

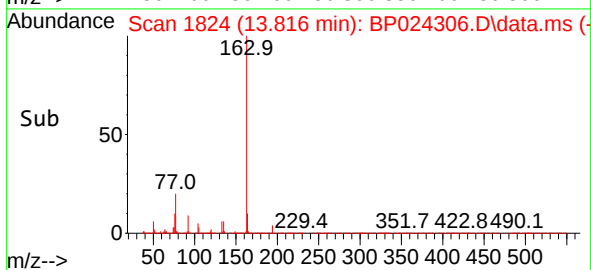
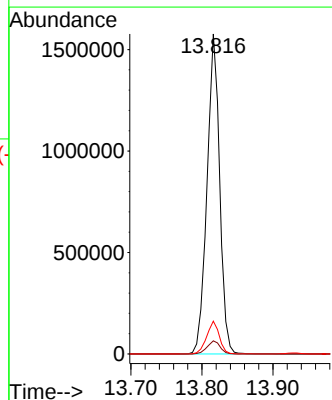
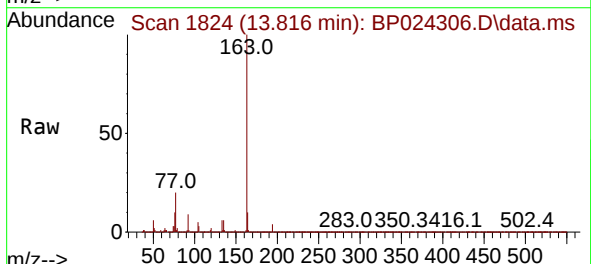
Instrument :
BNA_P
ClientSampleId :
PB167606BS

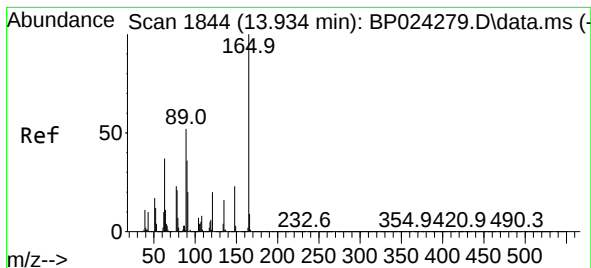
Tgt Ion:152 Resp: 2629741
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.8 10.6 15.8



#50
Dimethylphthalate
Concen: 41.460 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:163 Resp: 1955453
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.3 8.0 12.0

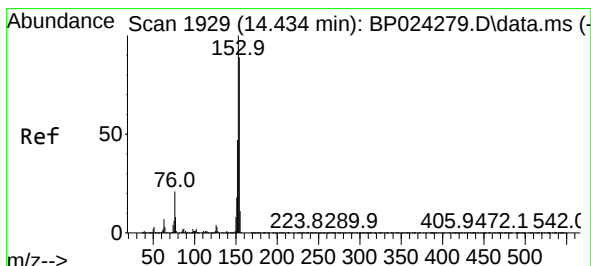
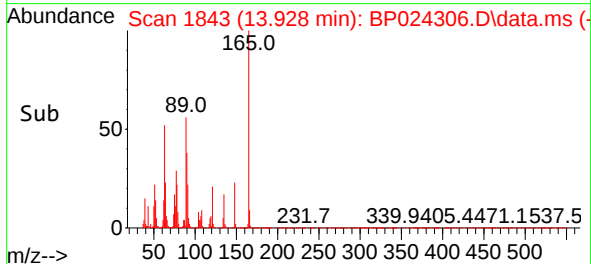
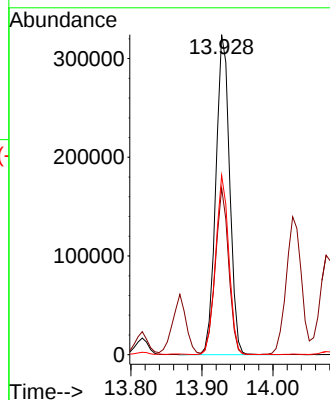
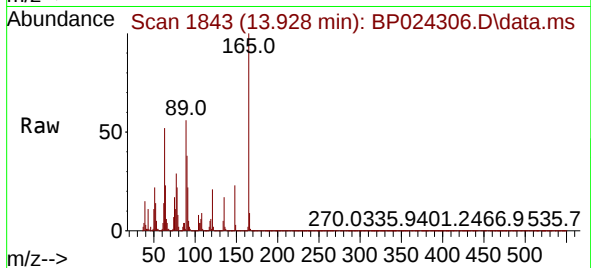




#51
2,6-Dinitrotoluene
Concen: 43.493 ng
RT: 13.928 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

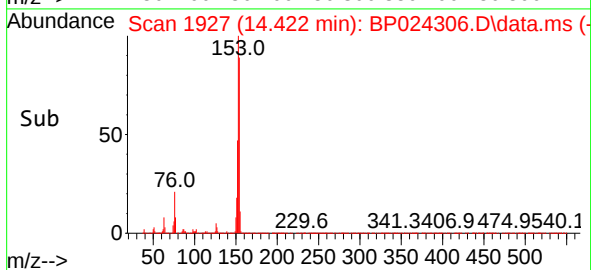
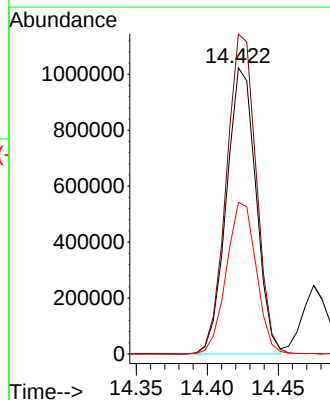
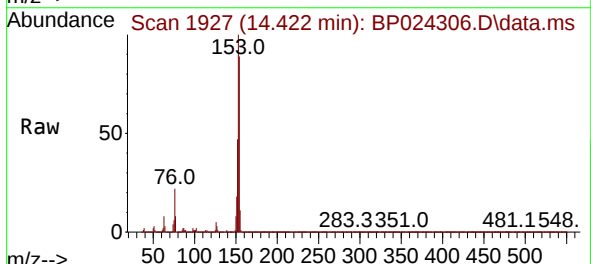
Instrument :
BNA_P
ClientSampleId :
PB167606BS

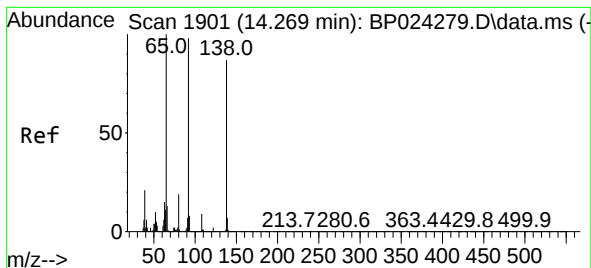
Tgt Ion:165 Resp: 435600
Ion Ratio Lower Upper
165 100
63 52.0 38.0 57.0
89 56.0 41.7 62.5



#52
Acenaphthene
Concen: 41.572 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:154 Resp: 1478443
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 53.0 42.6 63.8

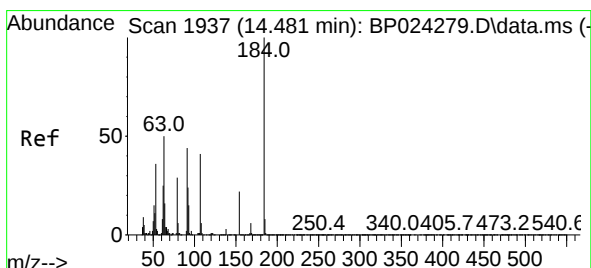
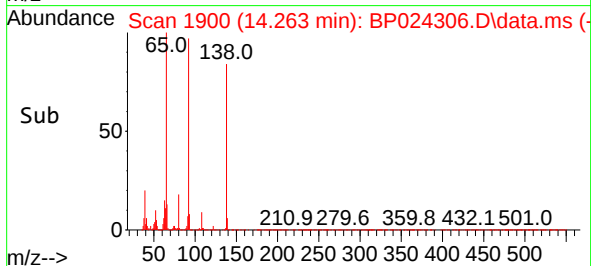
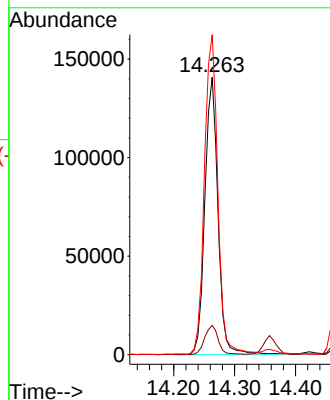
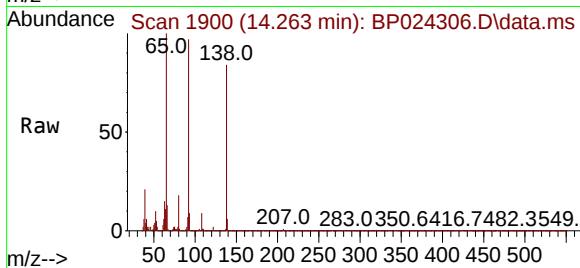




#53
3-Nitroaniline
Concen: 20.004 ng
RT: 14.263 min Scan# 1901
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

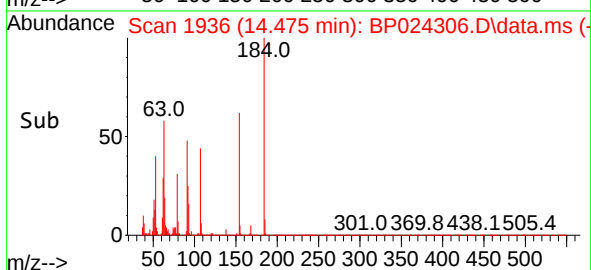
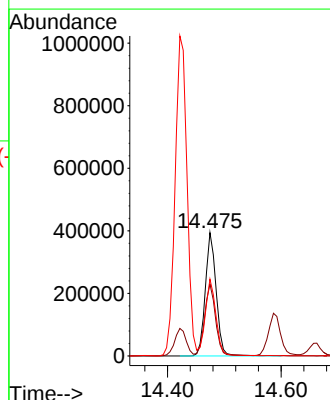
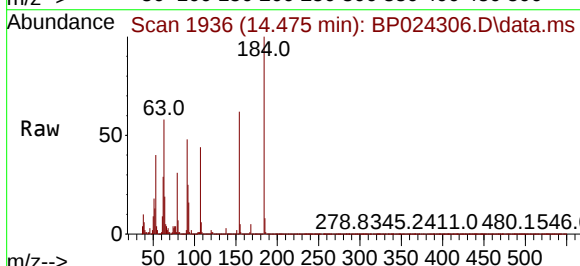
Instrument :
BNA_P
ClientSampleId :
PB167606BS

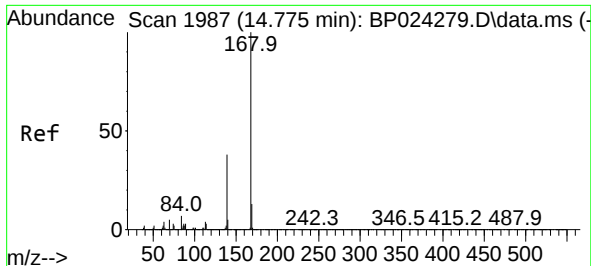
Tgt Ion:138 Resp: 210570
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 115.3 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 88.614 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:184 Resp: 522773
Ion Ratio Lower Upper
184 100
63 58.2 42.6 64.0
154 62.2 47.2 70.8

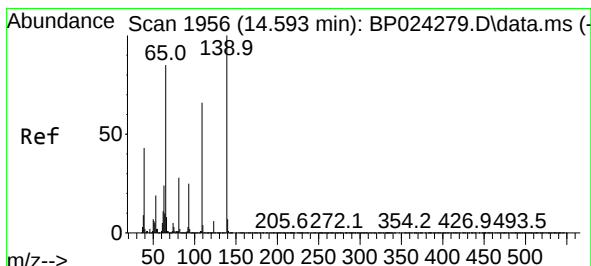
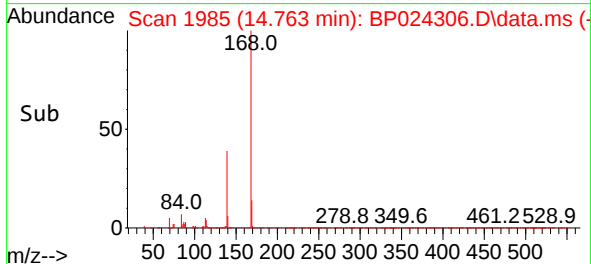
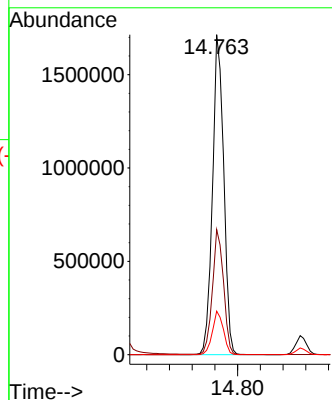
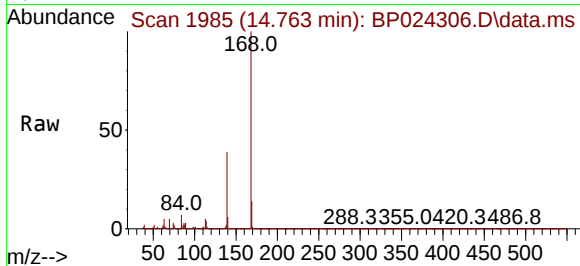




#55
Dibenzenofuran
Concen: 40.242 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

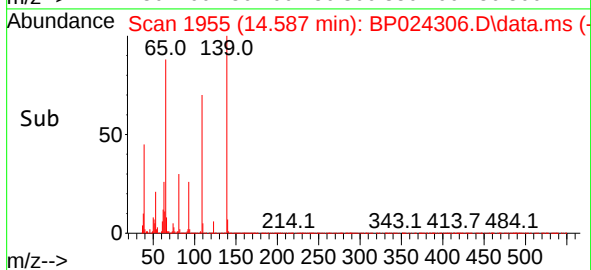
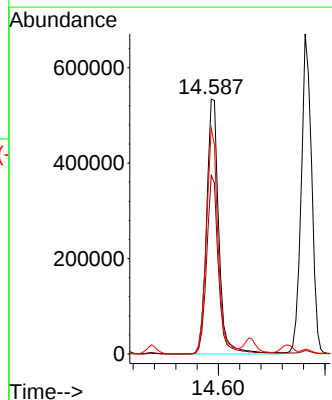
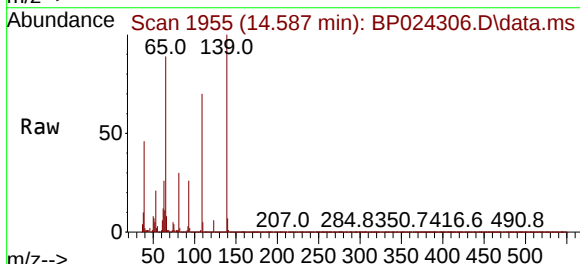
Instrument :
BNA_P
ClientSampleId :
PB167606BS

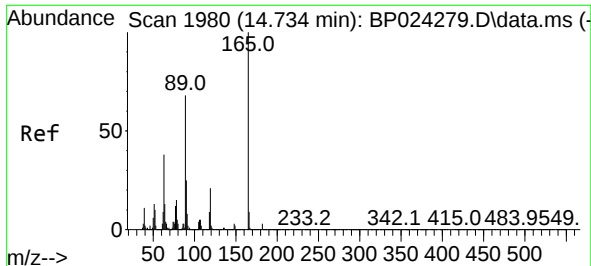
Tgt Ion:168 Resp: 2339278
Ion Ratio Lower Upper
168 100
139 39.1 30.3 45.5
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 93.377 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:139 Resp: 848886
Ion Ratio Lower Upper
139 100
109 70.0 46.1 86.1
65 88.7 65.0 105.0

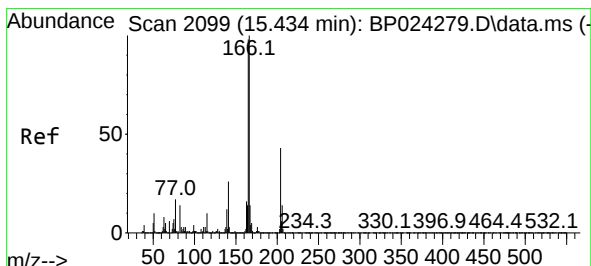
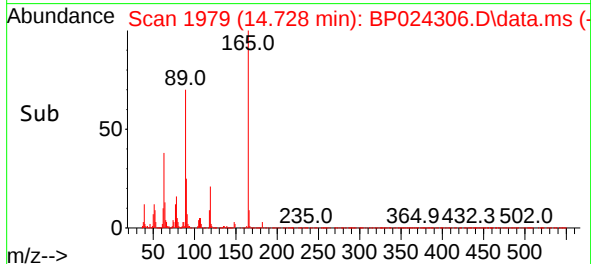
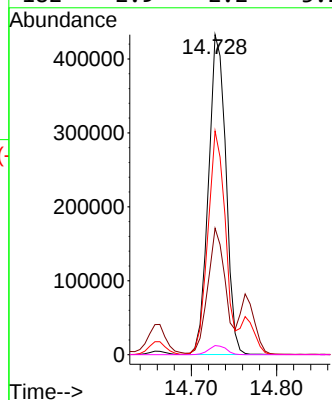
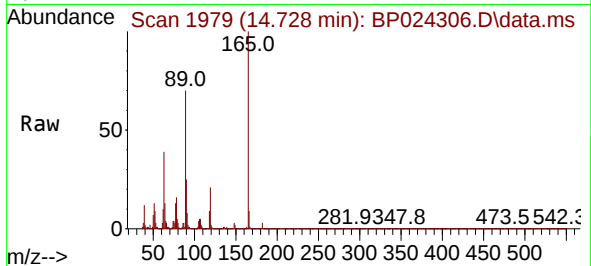




#57
2,4-Dinitrotoluene
Concen: 44.885 ng
RT: 14.728 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

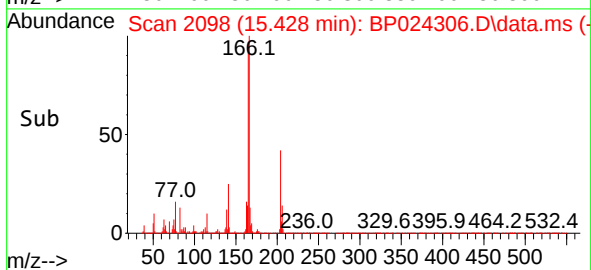
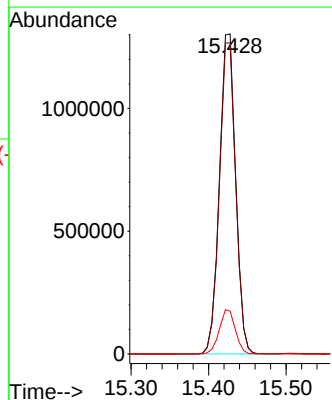
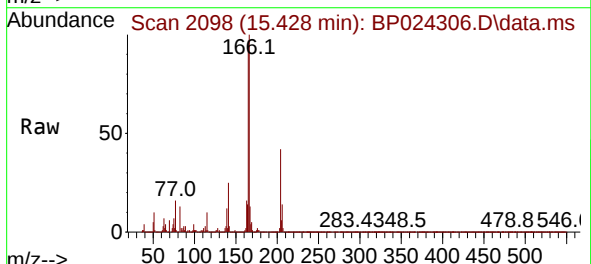
Instrument :
BNA_P
ClientSampleId :
PB167606BS

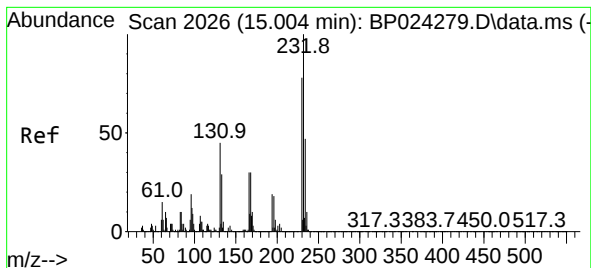
Tgt Ion:165 Resp: 613218
Ion Ratio Lower Upper
165 100
63 39.5 30.4 45.6
89 69.9 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.166 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:166 Resp: 1897505
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.4 10.9 16.3

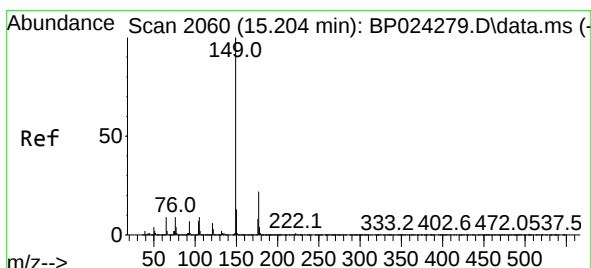
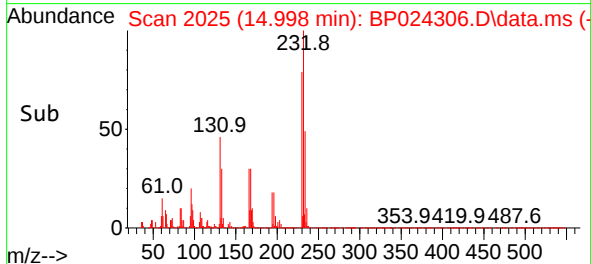
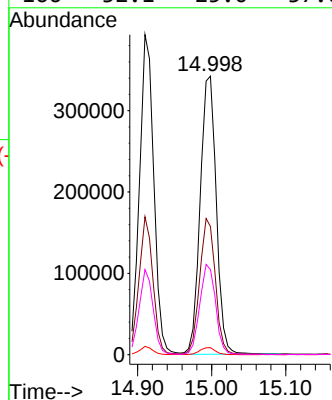
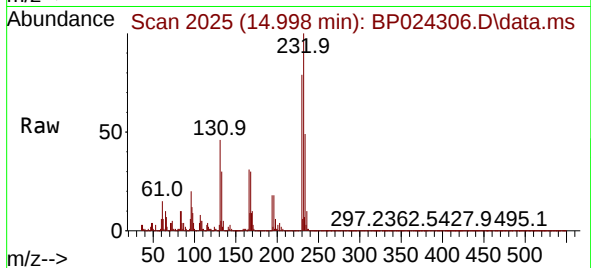




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.571 ng
RT: 14.998 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

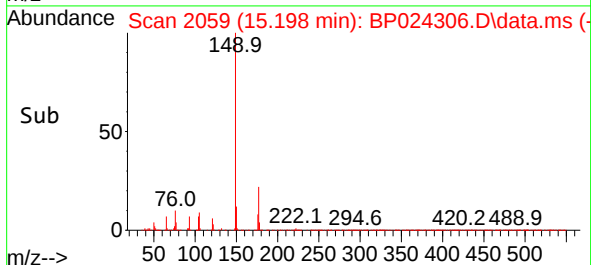
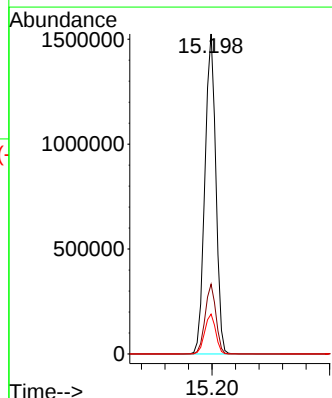
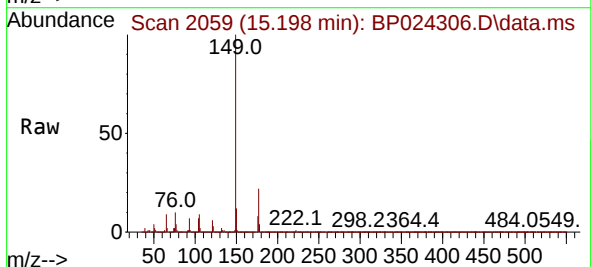
Instrument :
BNA_P
ClientSampleId :
PB167606BS

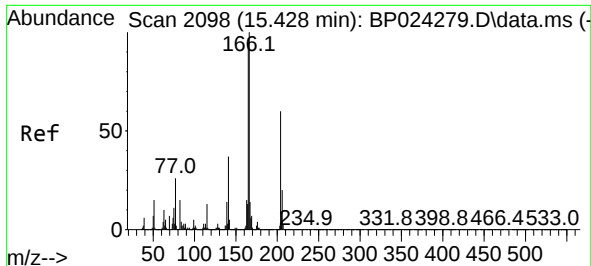
Tgt Ion:232 Resp: 515579
Ion Ratio Lower Upper
232 100
131 47.7 36.8 55.2
130 2.5 1.9 2.9
166 32.1 25.0 37.6



#60
Diethylphthalate
Concen: 40.295 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.024 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:149 Resp: 1958501
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.4 10.1 15.1

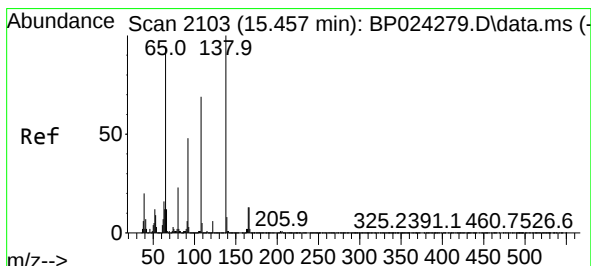
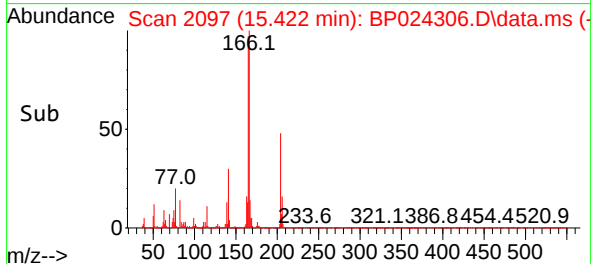
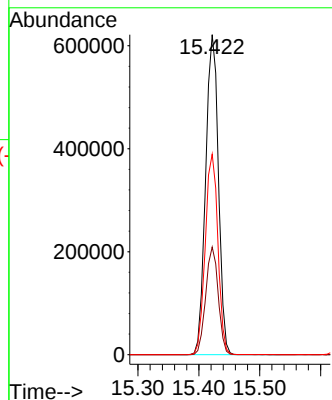
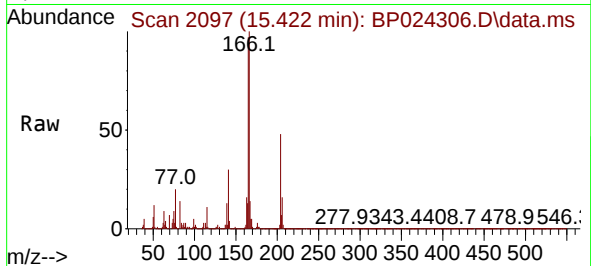




#61
4-Chlorophenyl-phenylether
Concen: 41.377 ng
RT: 15.422 min Scan# 2098
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

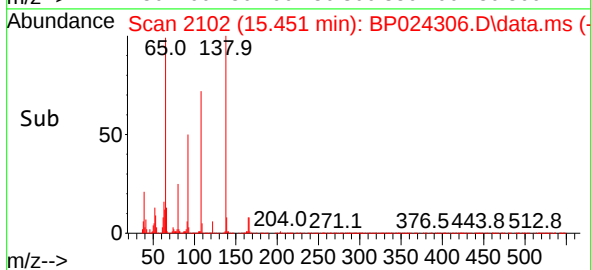
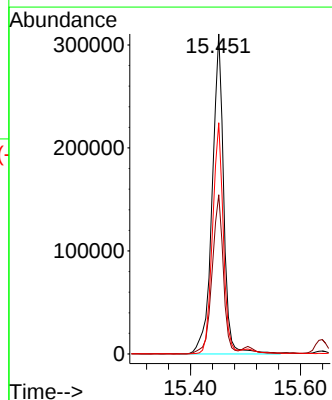
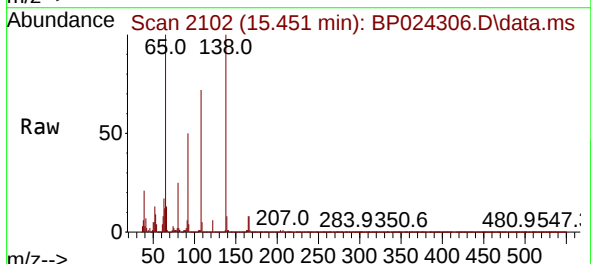
Instrument :
BNA_P
ClientSampleId :
PB167606BS

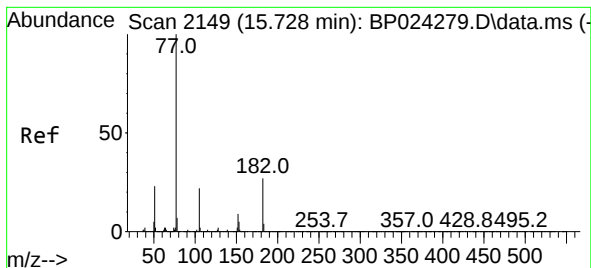
Tgt Ion:204 Resp: 904184
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 62.7 49.4 74.0



#62
4-Nitroaniline
Concen: 40.547 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:138 Resp: 451817
Ion Ratio Lower Upper
138 100
92 49.8 27.8 67.8
108 72.2 48.9 88.9





#63

Azobenzene

Concen: 41.733 ng

RT: 15.722 min Scan# 2149

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

Tgt Ion: 77 Resp: 1864328

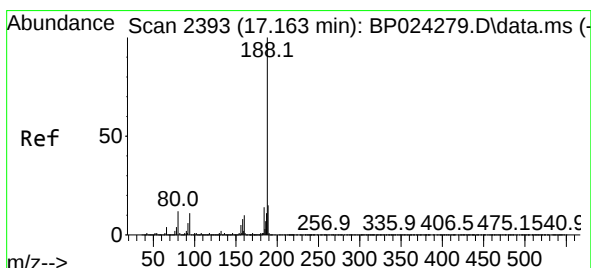
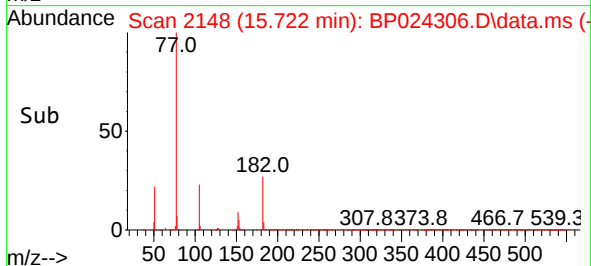
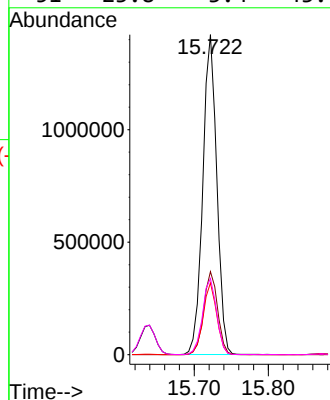
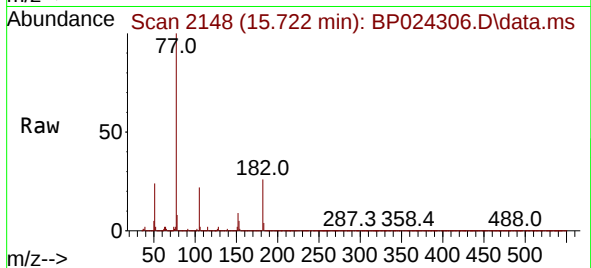
Ion Ratio Lower Upper

77 100

182 25.9 7.3 47.3

105 22.4 2.3 42.3

51 23.8 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2393

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

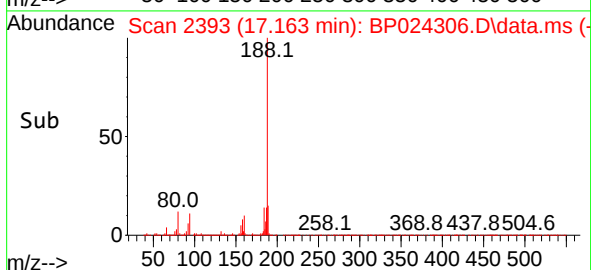
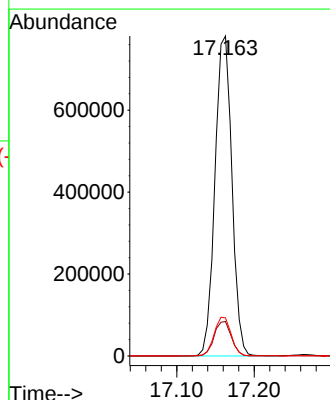
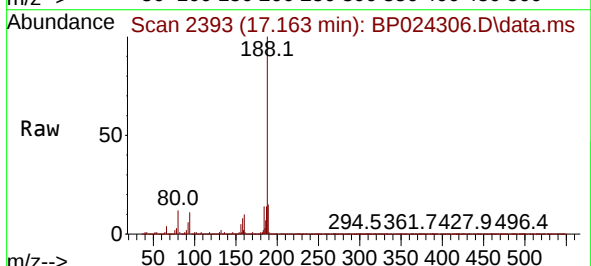
Tgt Ion:188 Resp: 1183398

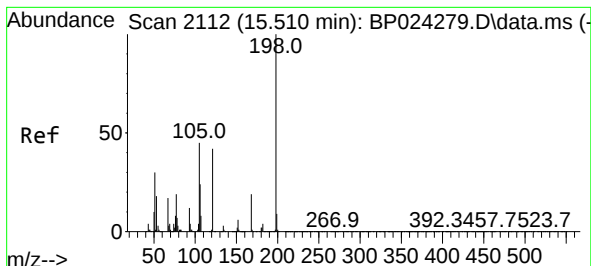
Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

80 11.9 9.8 14.6

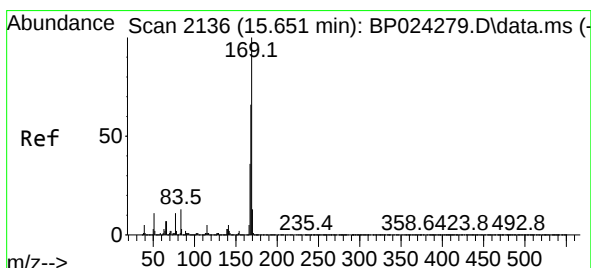
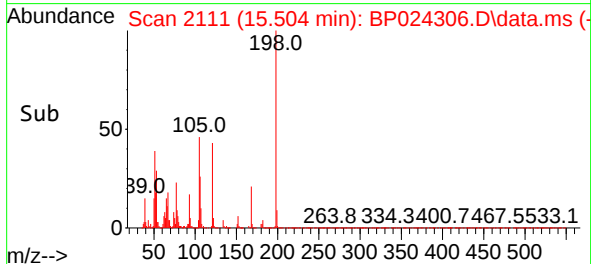
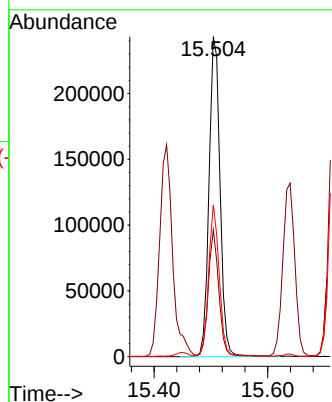
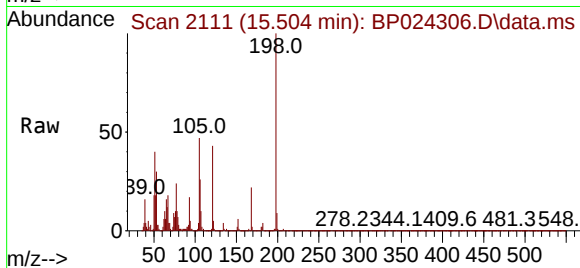




#65
4,6-Dinitro-2-methylphenol
Concen: 43.642 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.024 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

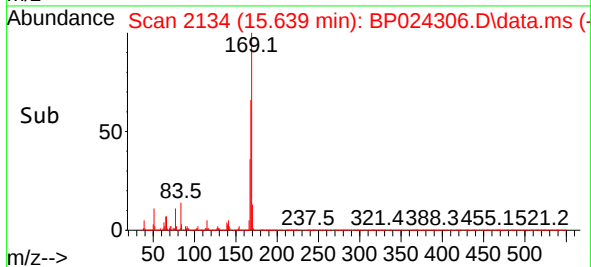
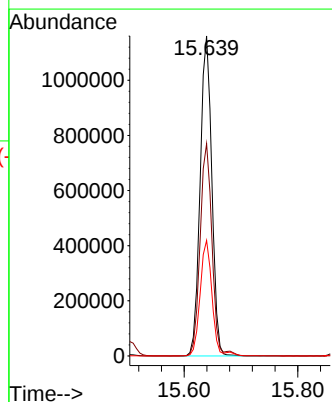
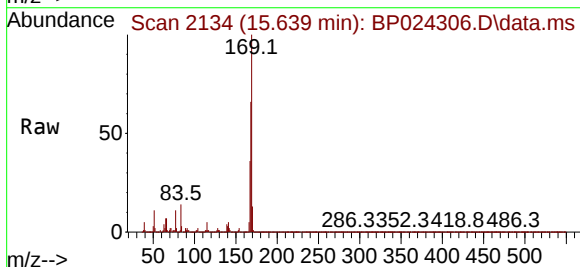
Instrument :
BNA_P
ClientSampleId :
PB167606BS

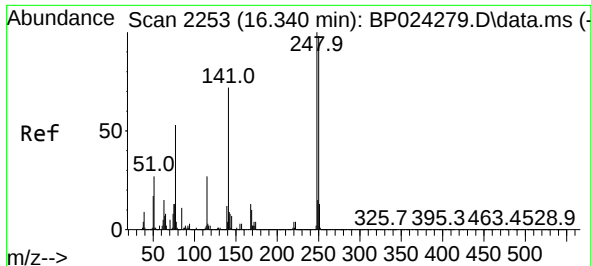
Tgt Ion:198 Resp: 325604
Ion Ratio Lower Upper
198 100
51 39.6 18.4 58.4
105 47.5 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.919 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:169 Resp: 1657244
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.1 28.9 43.3

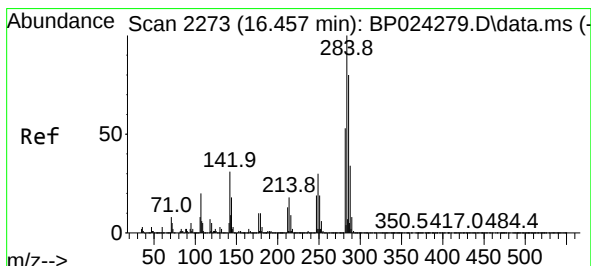
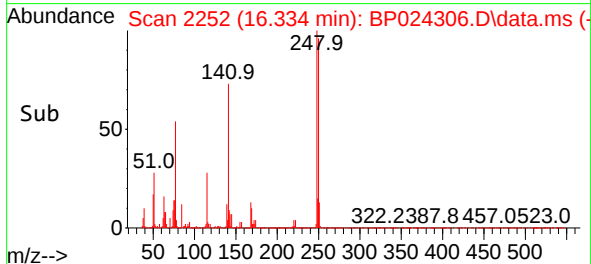
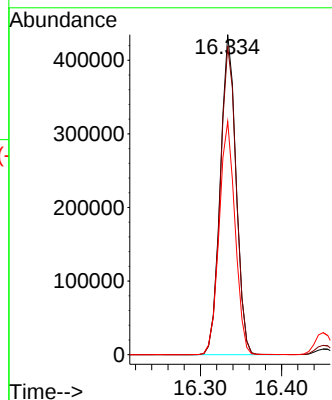
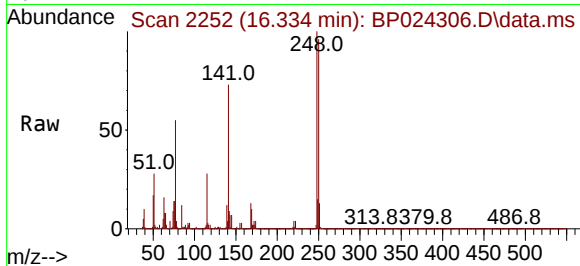




#67
4-Bromophenyl-phenylether
Concen: 45.407 ng
RT: 16.334 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

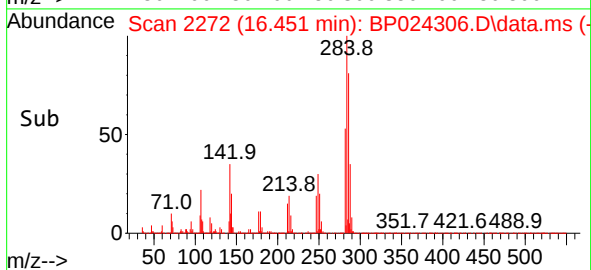
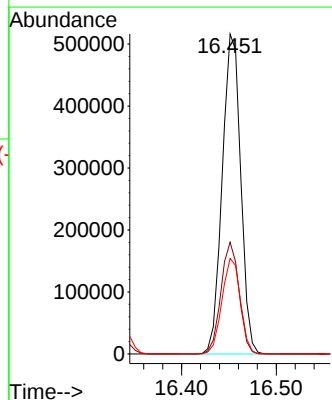
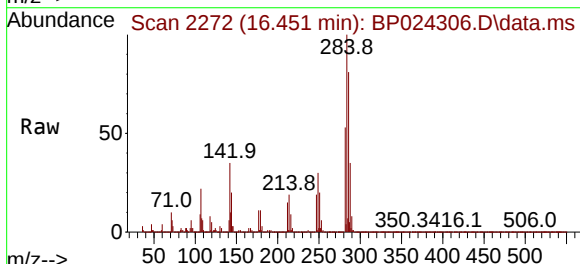
Instrument :
BNA_P
ClientSampleId :
PB167606BS

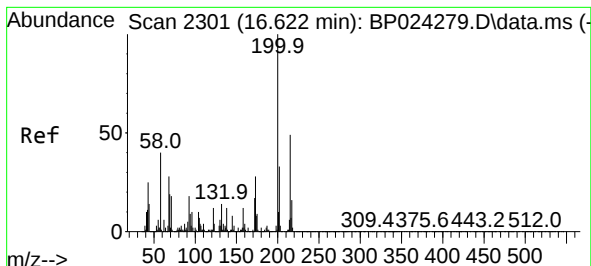
Tgt Ion:248 Resp: 587690
Ion Ratio Lower Upper
248 100
250 96.3 78.2 117.4
141 72.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 45.510 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:284 Resp: 699912
Ion Ratio Lower Upper
284 100
142 34.9 24.6 37.0
249 29.8 23.8 35.6





#69

Atrazine

Concen: 61.093 ng

RT: 16.616 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

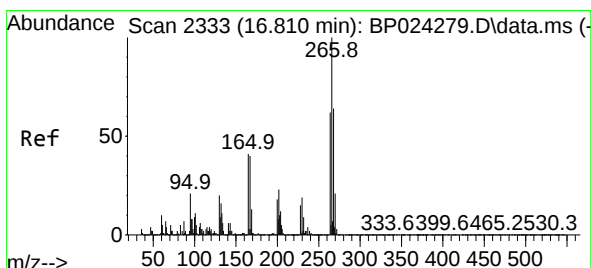
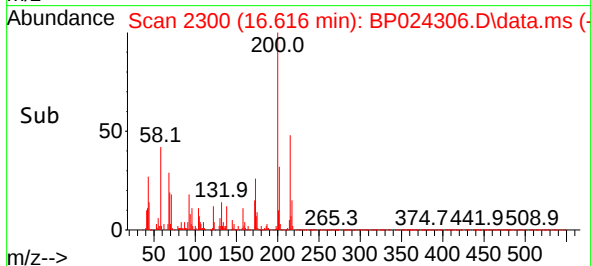
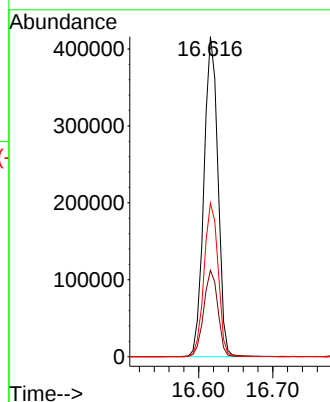
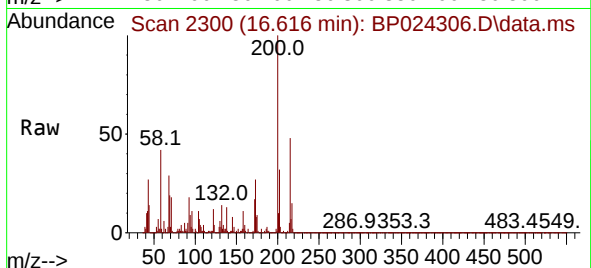
Tgt Ion:200 Resp: 549597

Ion Ratio Lower Upper

200 100

173 27.0 7.5 47.5

215 48.0 28.8 68.8



#70

Pentachlorophenol

Concen: 90.262 ng

RT: 16.804 min Scan# 2332

Delta R.T. -0.023 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

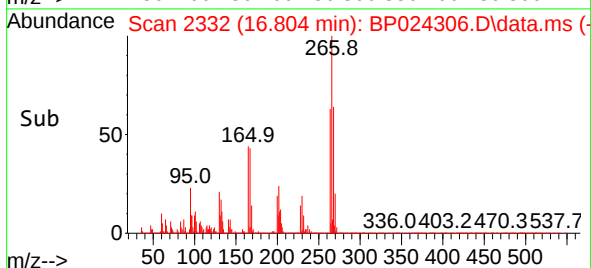
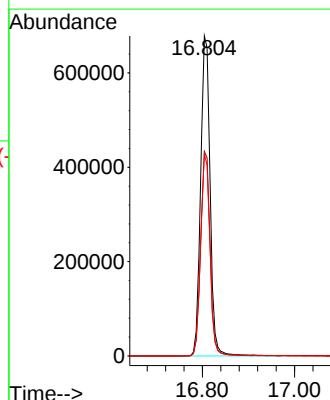
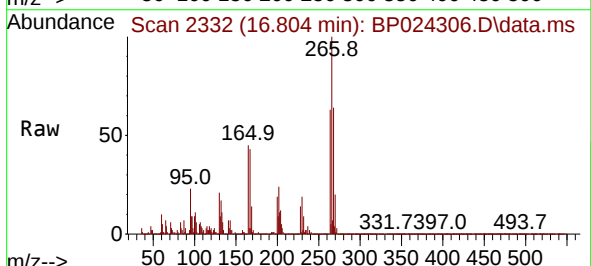
Tgt Ion:266 Resp: 968423

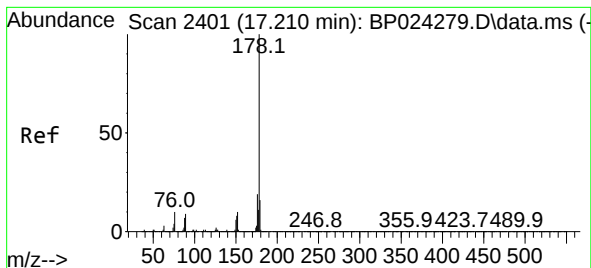
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 63.2 49.8 74.6





#71

Phenanthrene

Concen: 44.595 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.024 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

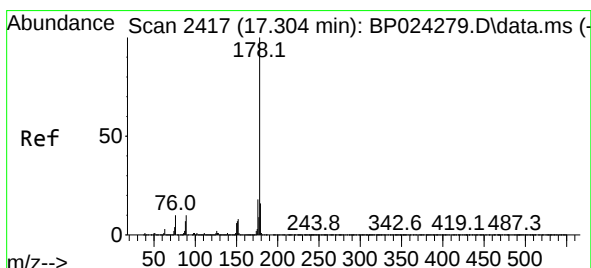
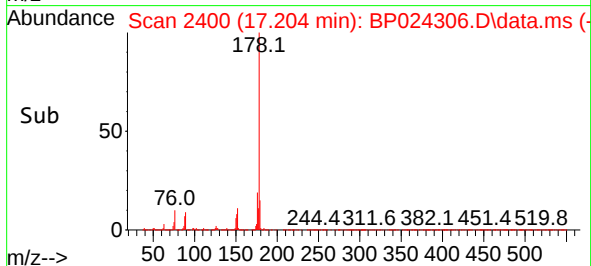
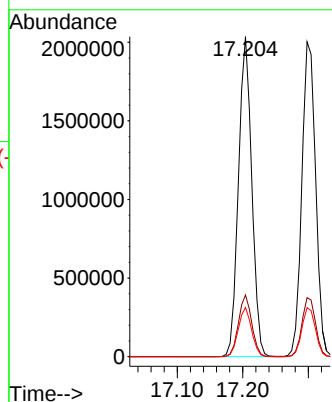
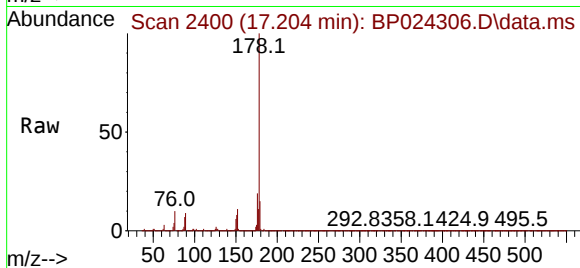
Tgt Ion:178 Resp: 2878928

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 46.884 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

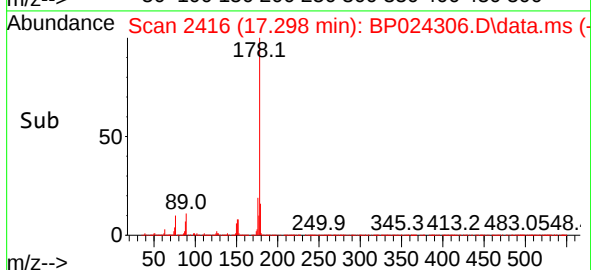
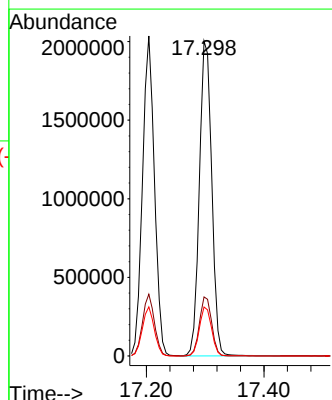
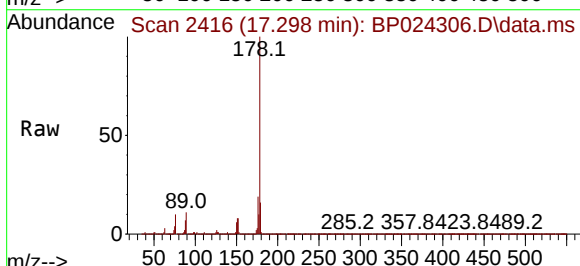
Tgt Ion:178 Resp: 2917128

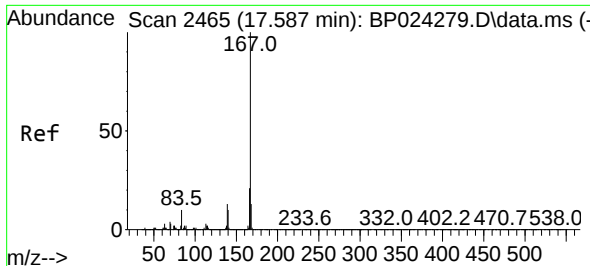
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.6 12.4 18.6

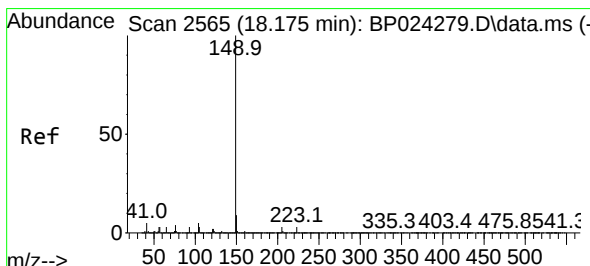
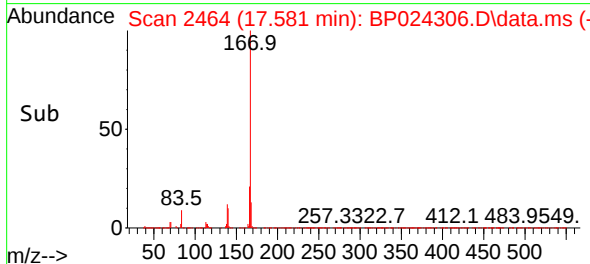
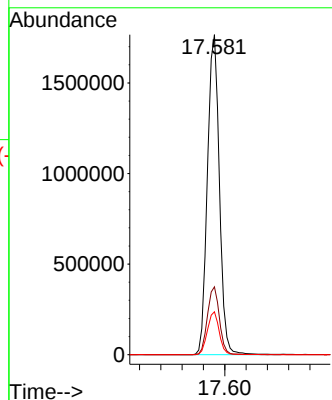
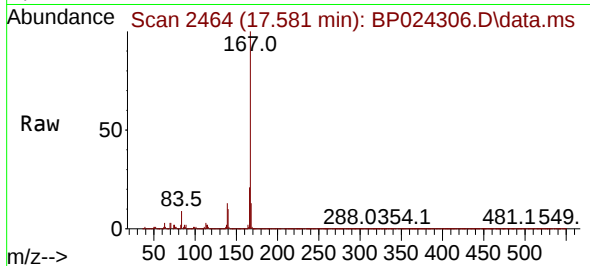




#73
 Carbazole
 Concen: 45.181 ng
 RT: 17.581 min Scan# 2465
 Delta R.T. -0.023 min
 Lab File: BP024306.D
 Acq: 16 Apr 2025 11:04

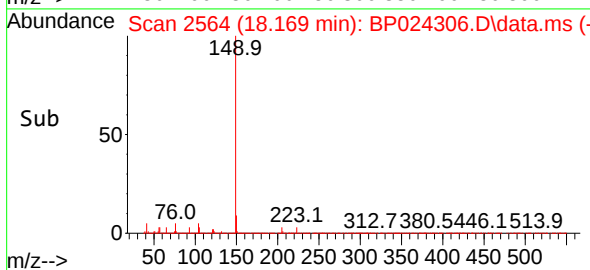
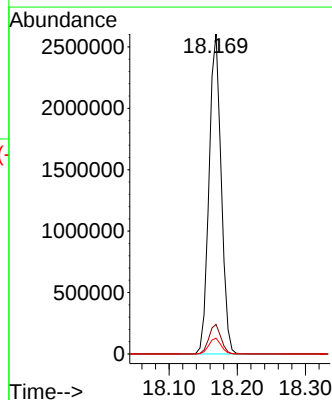
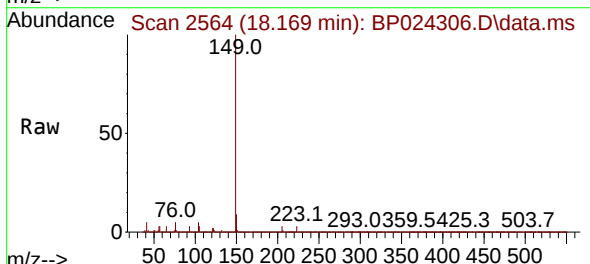
Instrument :
 BNA_P
 ClientSampleId :
 PB167606BS

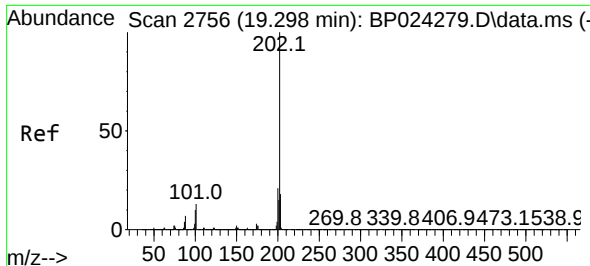
Tgt Ion:167 Resp: 2746762
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.580 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. -0.023 min
 Lab File: BP024306.D
 Acq: 16 Apr 2025 11:04

Tgt Ion:149 Resp: 3225103
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 3.9 5.9

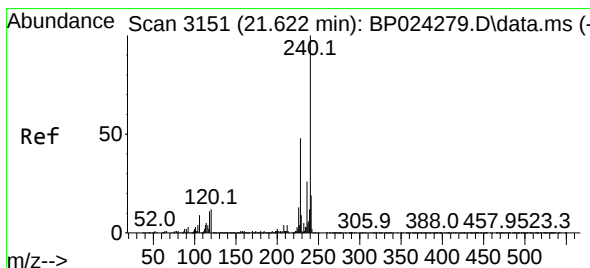
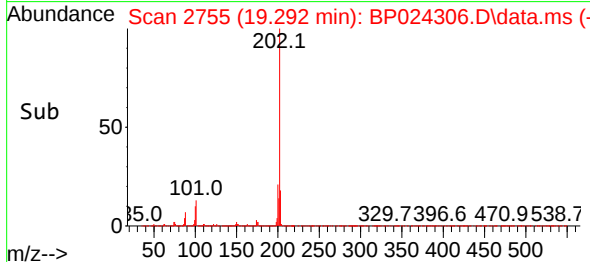
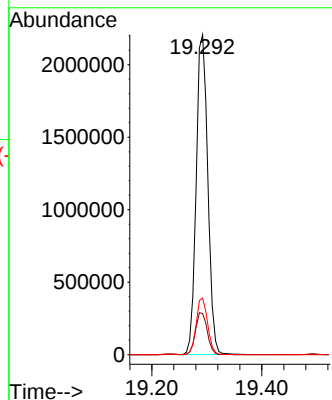
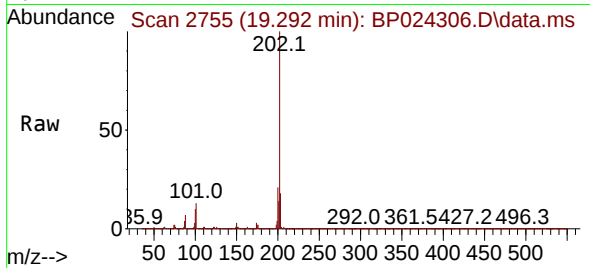




#75
Fluoranthene
Concen: 42.073 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

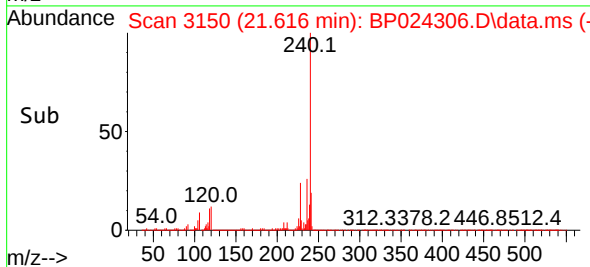
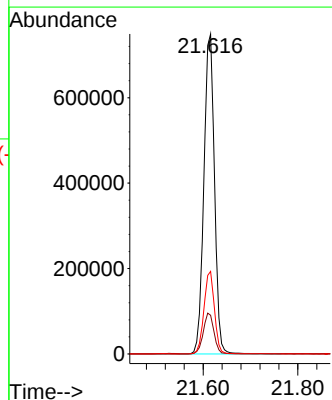
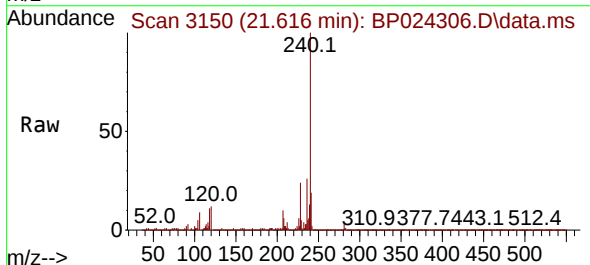
Instrument :
BNA_P
ClientSampleId :
PB167606BS

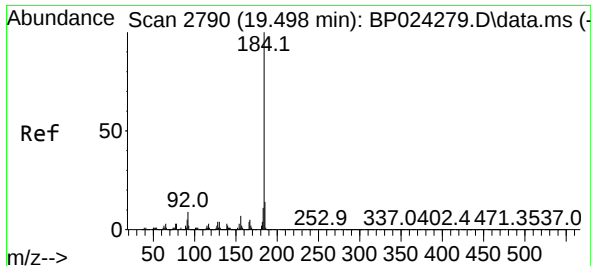
Tgt Ion:202 Resp: 3230404
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.2
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:240 Resp: 1163595
Ion Ratio Lower Upper
240 100
120 12.1 9.8 14.8
236 25.8 20.9 31.3

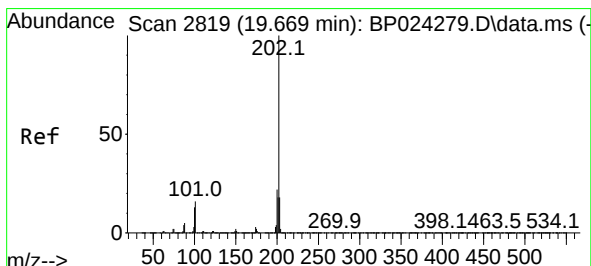
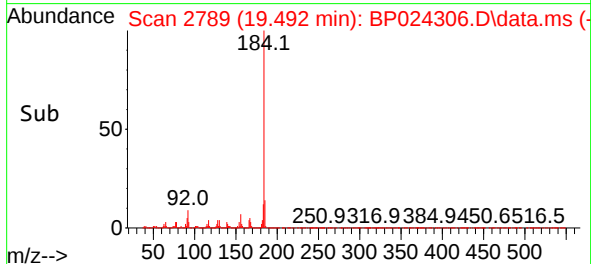
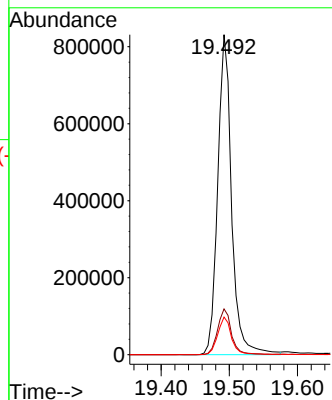
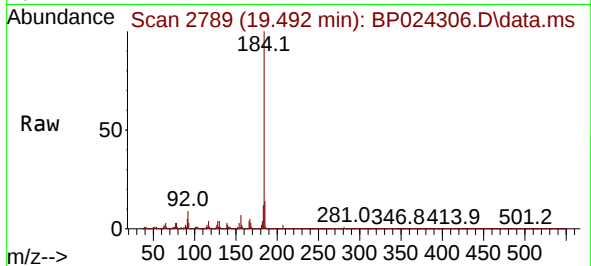




#77
Benzidine
Concen: 79.852 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

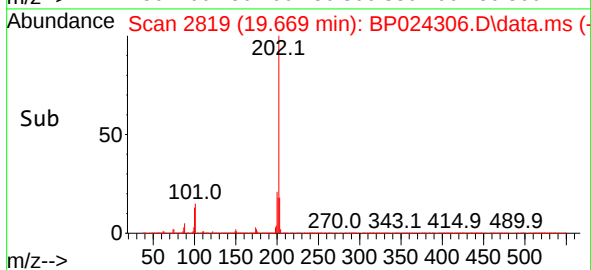
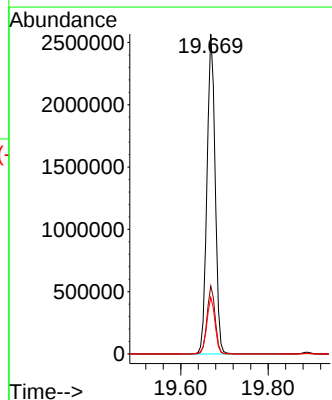
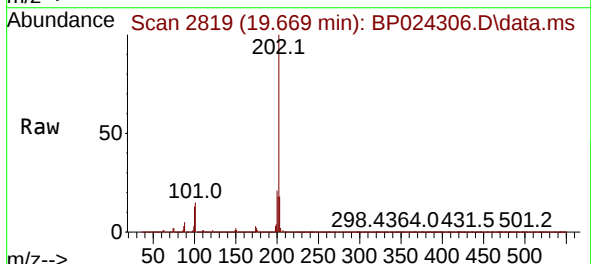
Instrument :
BNA_P
ClientSampleId :
PB167606BS

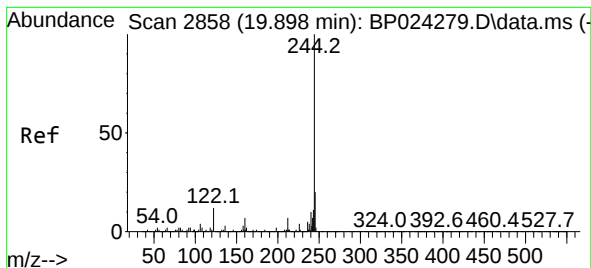
Tgt Ion:184 Resp: 1177782
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.7 9.2 13.8



#78
Pyrene
Concen: 45.188 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.018 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:202 Resp: 3341563
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 90.161 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

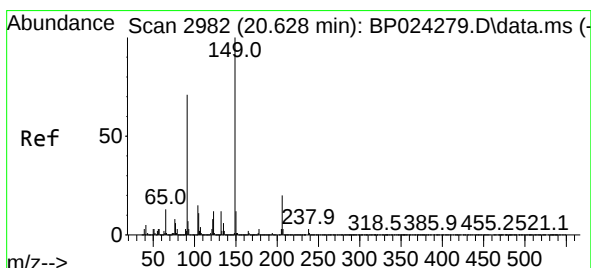
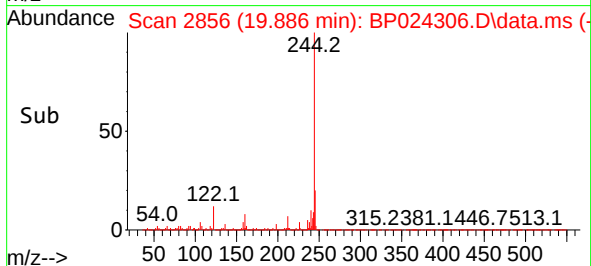
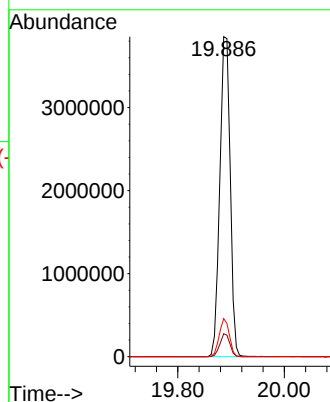
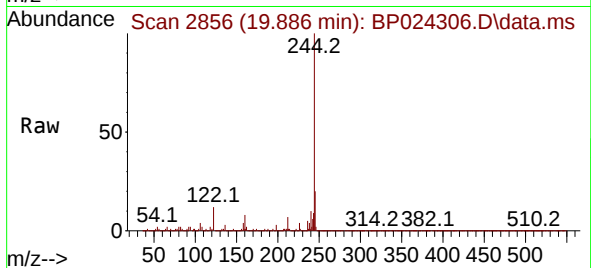
Tgt Ion:244 Resp: 5204870

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.9 9.4 14.0



#80

Butylbenzylphthalate

Concen: 45.864 ng

RT: 20.627 min Scan# 2982

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

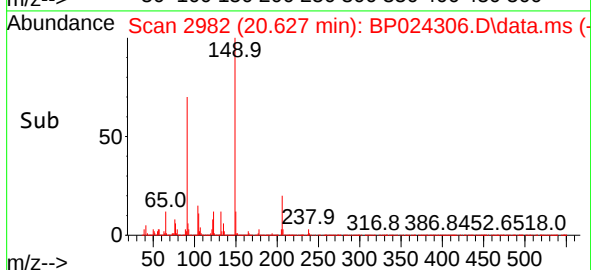
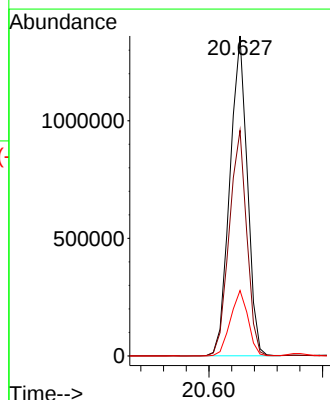
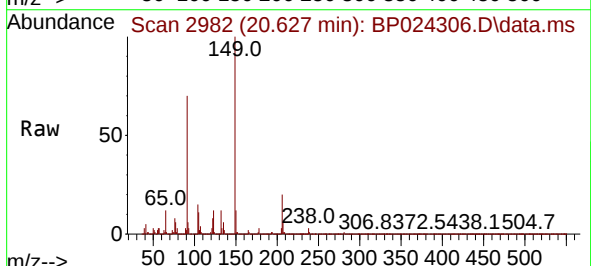
Tgt Ion:149 Resp: 1452677

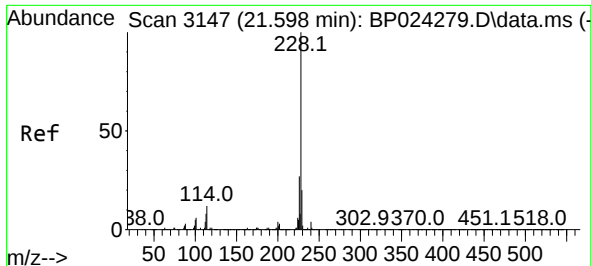
Ion Ratio Lower Upper

149 100

91 70.5 56.4 84.6

206 20.5 16.3 24.5

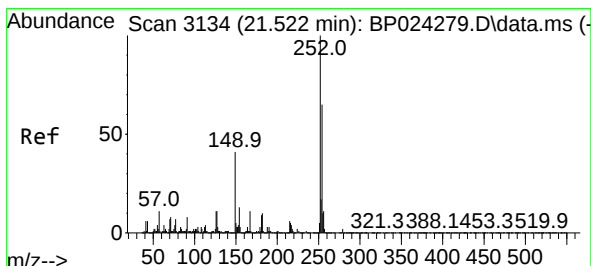
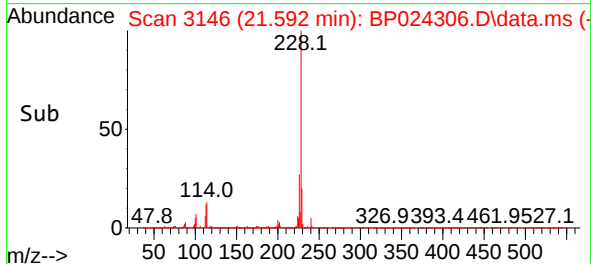
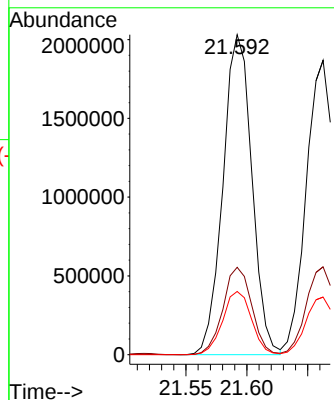
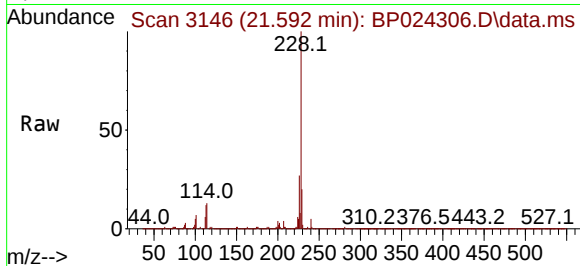




#81
Benzo(a)anthracene
Concen: 46.388 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.012 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

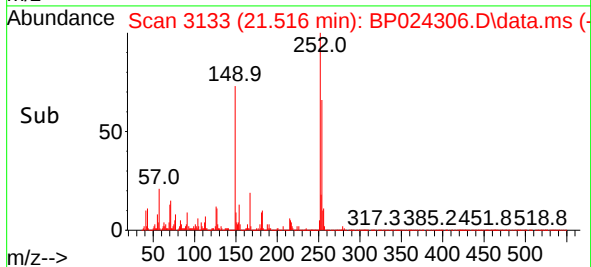
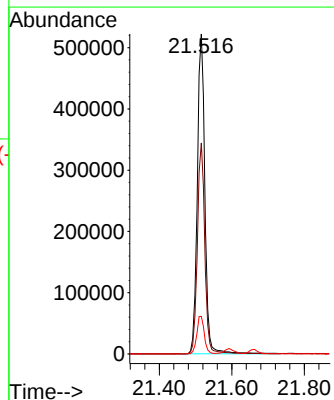
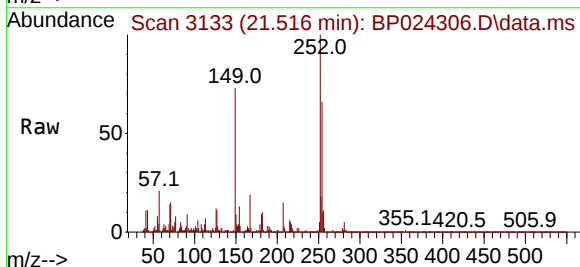
Instrument :
BNA_P
ClientSampleId :
PB167606BS

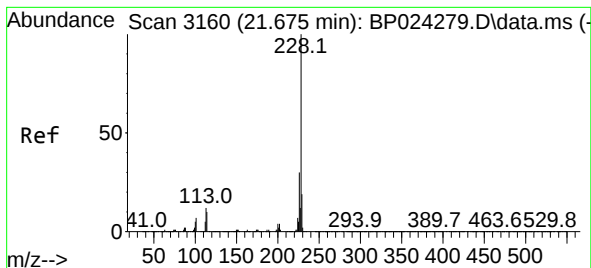
Tgt Ion:228 Resp: 3354986
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 29.830 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.024 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:252 Resp: 757243
Ion Ratio Lower Upper
252 100
254 65.9 51.7 77.5
126 11.8 8.8 13.2





#83

Chrysene

Concen: 45.803 ng

RT: 21.663 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

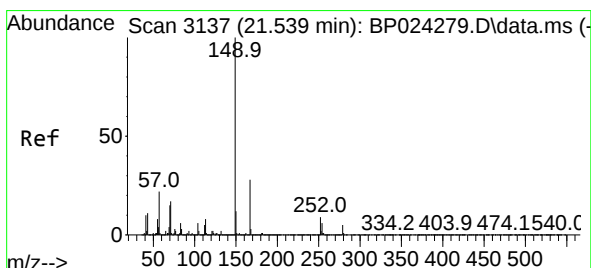
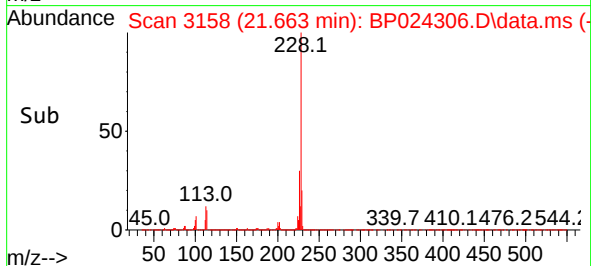
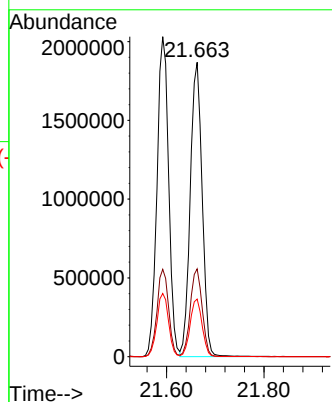
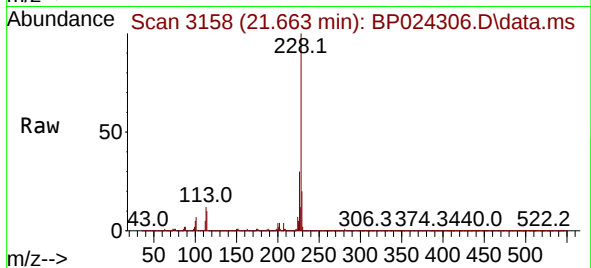
Tgt Ion:228 Resp: 3173721

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.376 ng

RT: 21.527 min Scan# 3135

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

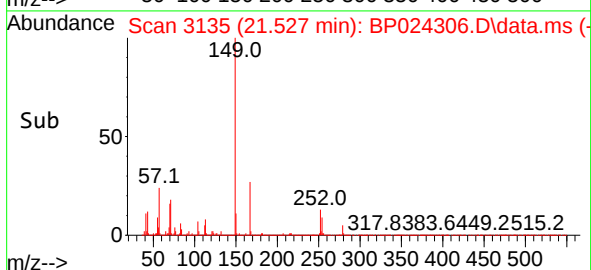
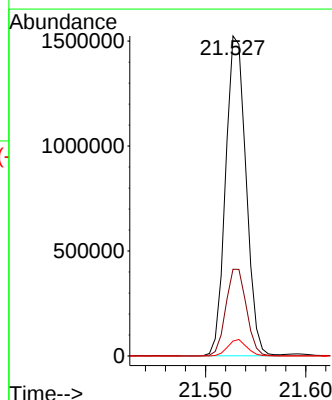
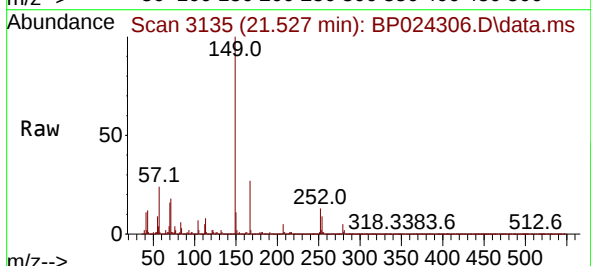
Tgt Ion:149 Resp: 2153345

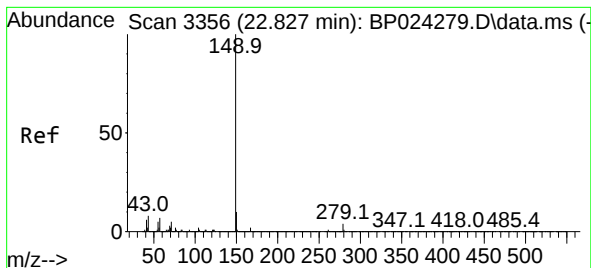
Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

279 4.6 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.578 ng

RT: 22.821 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

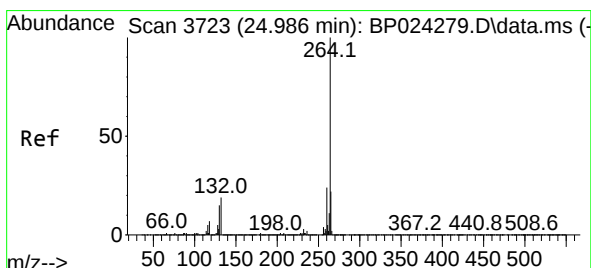
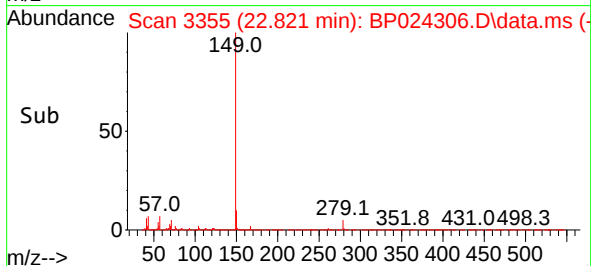
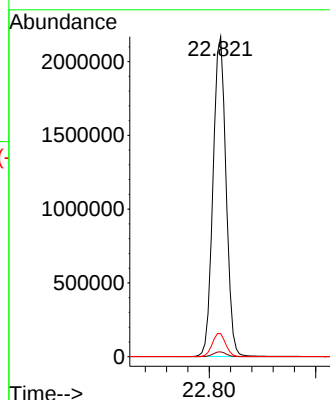
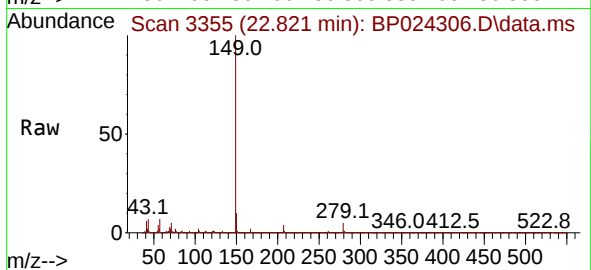
Tgt Ion:149 Resp: 3666902

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.5 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3721

Delta R.T. -0.012 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

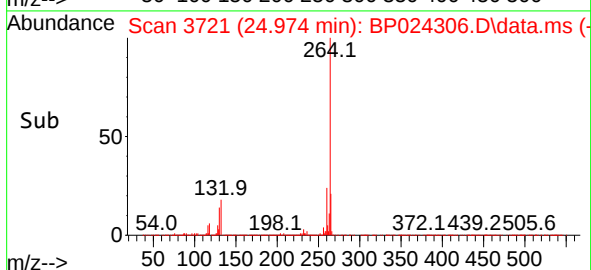
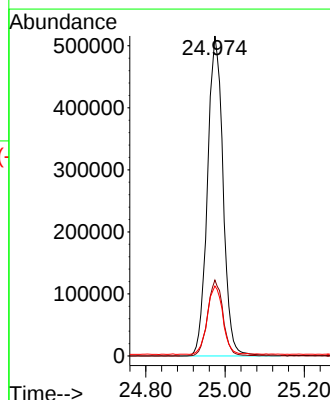
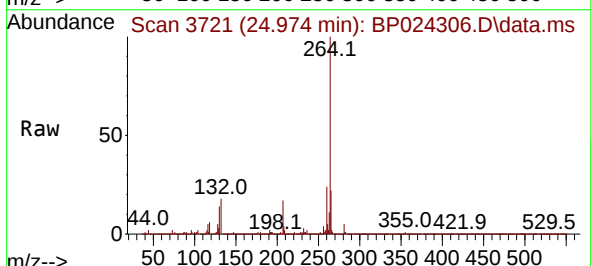
Tgt Ion:264 Resp: 1406343

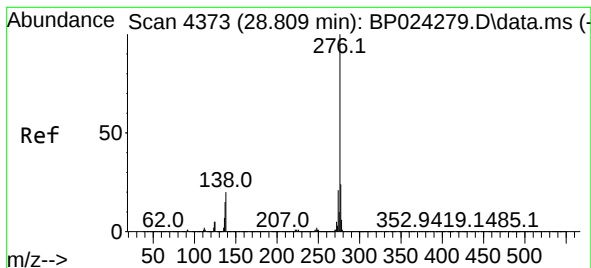
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.485 ng

RT: 28.792 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

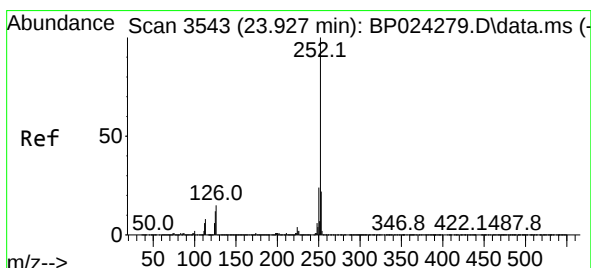
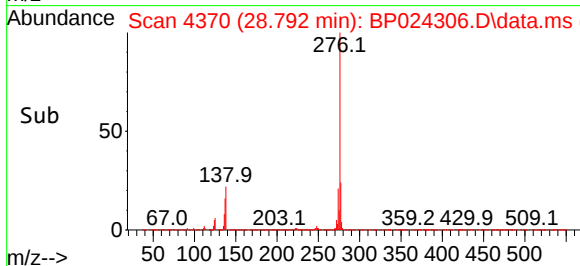
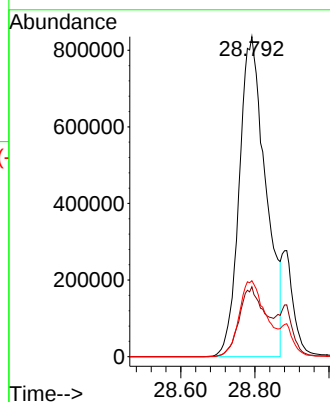
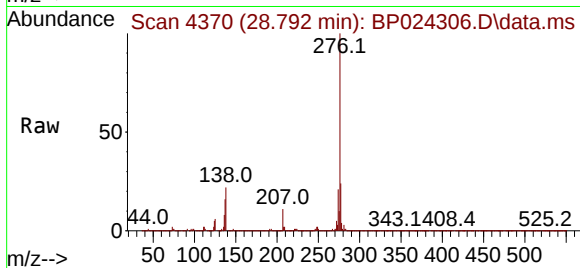
Tgt Ion:276 Resp: 4148047

Ion Ratio Lower Upper

276 100

138 21.5 14.5 21.7

277 24.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.420 ng

RT: 23.915 min Scan# 3541

Delta R.T. -0.018 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

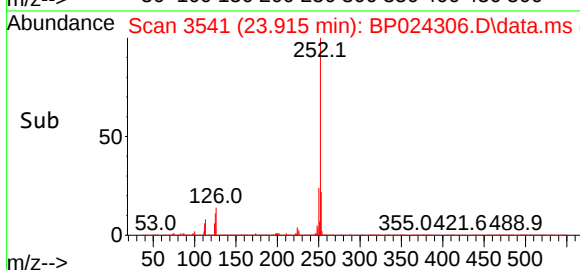
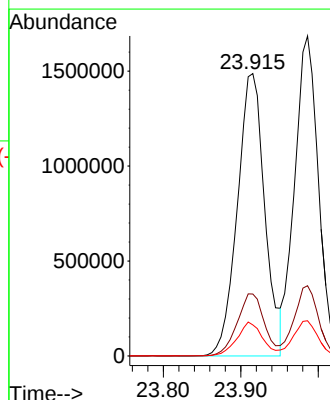
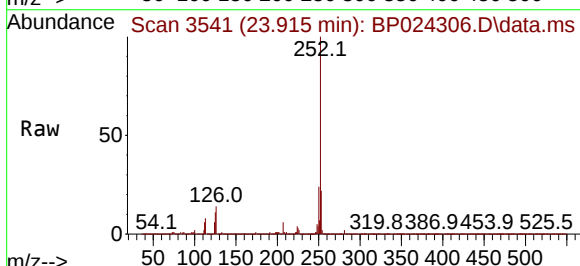
Tgt Ion:252 Resp: 3660184

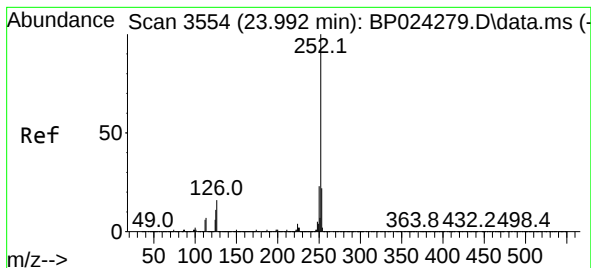
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.0 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 44.381 ng

RT: 23.986 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

Instrument :

BNA_P

ClientSampleId :

PB167606BS

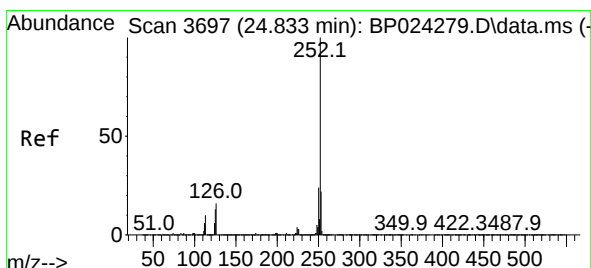
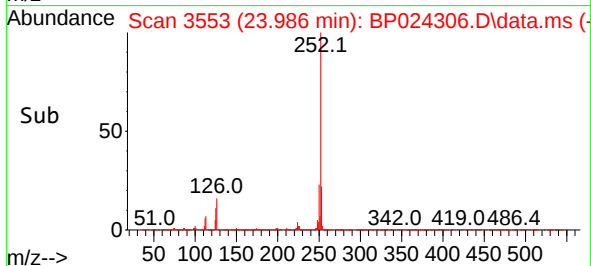
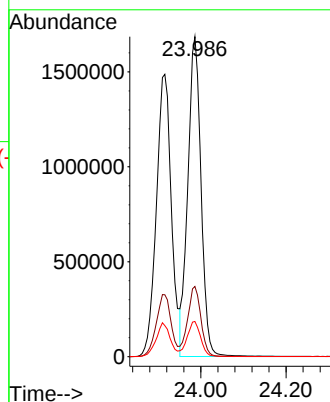
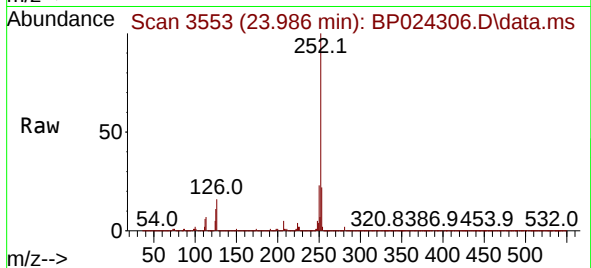
Tgt Ion:252 Resp: 3613777

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.0 9.1 13.7



#90

Benzo(a)pyrene

Concen: 48.707 ng

RT: 24.821 min Scan# 3695

Delta R.T. -0.012 min

Lab File: BP024306.D

Acq: 16 Apr 2025 11:04

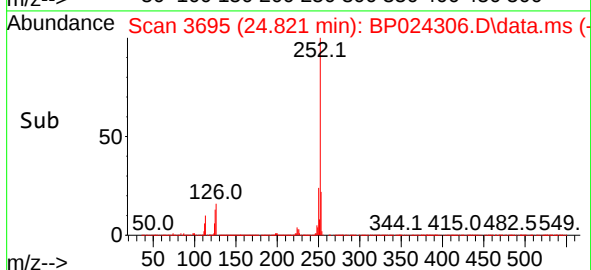
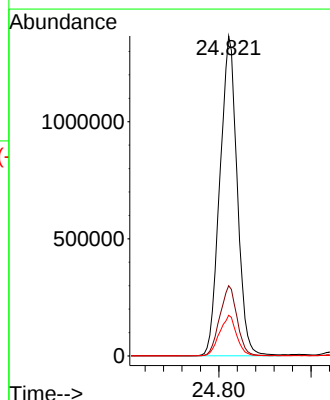
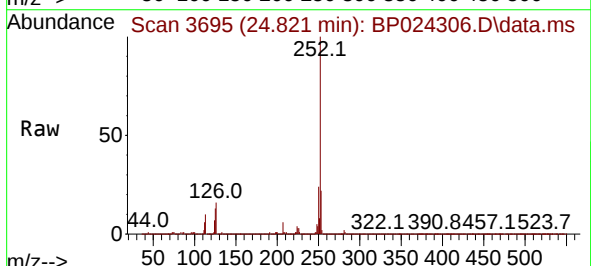
Tgt Ion:252 Resp: 3541710

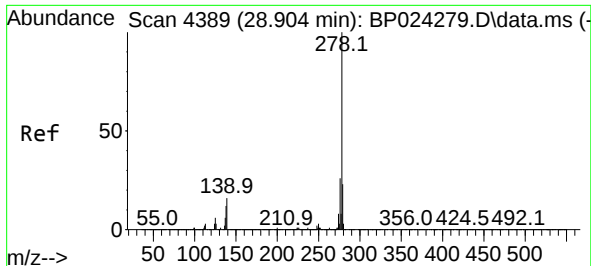
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 12.7 10.1 15.1

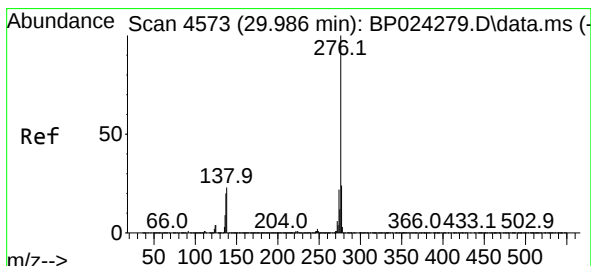
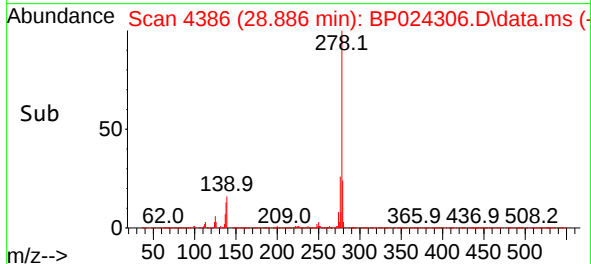
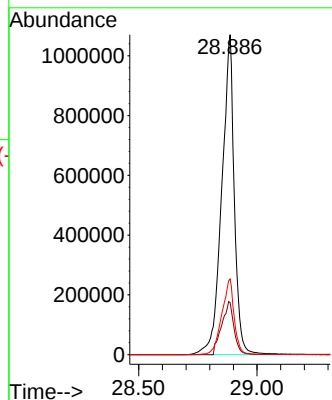
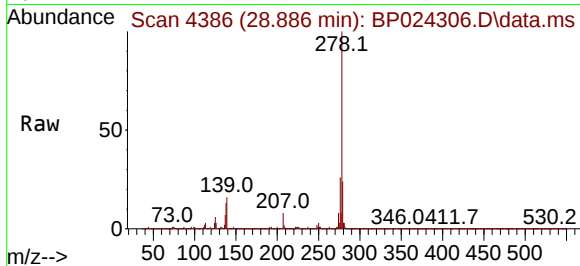




#91
Dibenzo(a,h)anthracene
Concen: 48.618 ng
RT: 28.886 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Instrument :
BNA_P
ClientSampleId :
PB167606BS

Tgt Ion:278 Resp: 3939995
Ion Ratio Lower Upper
278 100
139 16.3 12.6 19.0
279 23.6 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 46.875 ng
RT: 29.974 min Scan# 4571
Delta R.T. -0.024 min
Lab File: BP024306.D
Acq: 16 Apr 2025 11:04

Tgt Ion:276 Resp: 3866550
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 23.1 18.7 28.1

