

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024691.D
 Acq On : 19 May 2025 16:16
 Operator : RC/JU
 Sample : Q2032-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-24MS

Quant Time: May 19 17:25:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	175701	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	713844	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	453670	20.000	ng	-0.02
64) Phenanthrene-d10	17.098	188	903382	20.000	ng	0.00
76) Chrysene-d12	21.539	240	992797	20.000	ng	0.02
86) Perylene-d12	24.827	264	1067591	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1183975	115.255	ng	0.00
7) Phenol-d6	6.864	99	1487465	113.454	ng	0.01
23) Nitrobenzene-d5	8.805	82	904196	64.000	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	906372	117.848	ng	0.01
45) 2-Fluorobiphenyl	12.899	172	2208156	63.768	ng	0.00
79) Terphenyl-d14	19.834	244	3781697	65.315	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	161475	33.475	ng	99
3) Pyridine	3.617	79	397123	37.128	ng	97
4) n-Nitrosodimethylamine	3.529	42	191800	40.618	ng	98
6) Aniline	6.999	93	551407	32.575	ng	99
8) 2-Chlorophenol	7.240	128	544073	46.655	ng	98
9) Benzaldehyde	6.811	77	308267	36.322	ng	99
10) Phenol	6.893	94	627537	46.375	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	452491	40.695	ng	99
12) 1,3-Dichlorobenzene	7.546	146	567795	42.320	ng	99
13) 1,4-Dichlorobenzene	7.693	146	571945	42.384	ng	99
14) 1,2-Dichlorobenzene	8.005	146	553367	42.084	ng	99
15) Benzyl Alcohol	7.905	79	455941	45.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	536108	40.260	ng	99
17) 2-Methylphenol	8.117	107	442728	45.616	ng	98
18) Hexachloroethane	8.722	117	212213	41.038	ng	98
19) n-Nitroso-di-n-propyla...	8.458	70	360456	39.745	ng	99
20) 3+4-Methylphenols	8.446	107	598942	45.367	ng	99
22) Acetophenone	8.475	105	768246	43.084	ng	# 99
24) Nitrobenzene	8.846	77	535124	43.041	ng	96
25) Isophorone	9.369	82	1013860	41.370	ng	99
26) 2-Nitrophenol	9.552	139	299350	49.135	ng	98
27) 2,4-Dimethylphenol	9.628	122	498635	46.422	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	620045	42.349	ng	99
29) 2,4-Dichlorophenol	10.099	162	511609	49.151	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	521929	44.496	ng	98
31) Naphthalene	10.475	128	1623285	43.882	ng	99
32) Benzoic acid	9.822	122	335518	45.356	ng	98
33) 4-Chloroaniline	10.599	127	376160	25.199	ng	98
34) Hexachlorobutadiene	10.758	225	337318	44.392	ng	98
35) Caprolactam	11.399	113	173255	46.005	ng	98
36) 4-Chloro-3-methylphenol	11.746	107	580626	45.741	ng	97
37) 2-Methylnaphthalene	12.087	142	1046239	43.679	ng	100
38) 1-Methylnaphthalene	12.310	142	1092307	42.620	ng	99
40) 1,2,4,5-Tetrachloroben...	12.463	216	603629	45.820	ng	100
41) Hexachlorocyclopentadiene	12.440	237	726067	90.891	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	423991	49.689	ng	99

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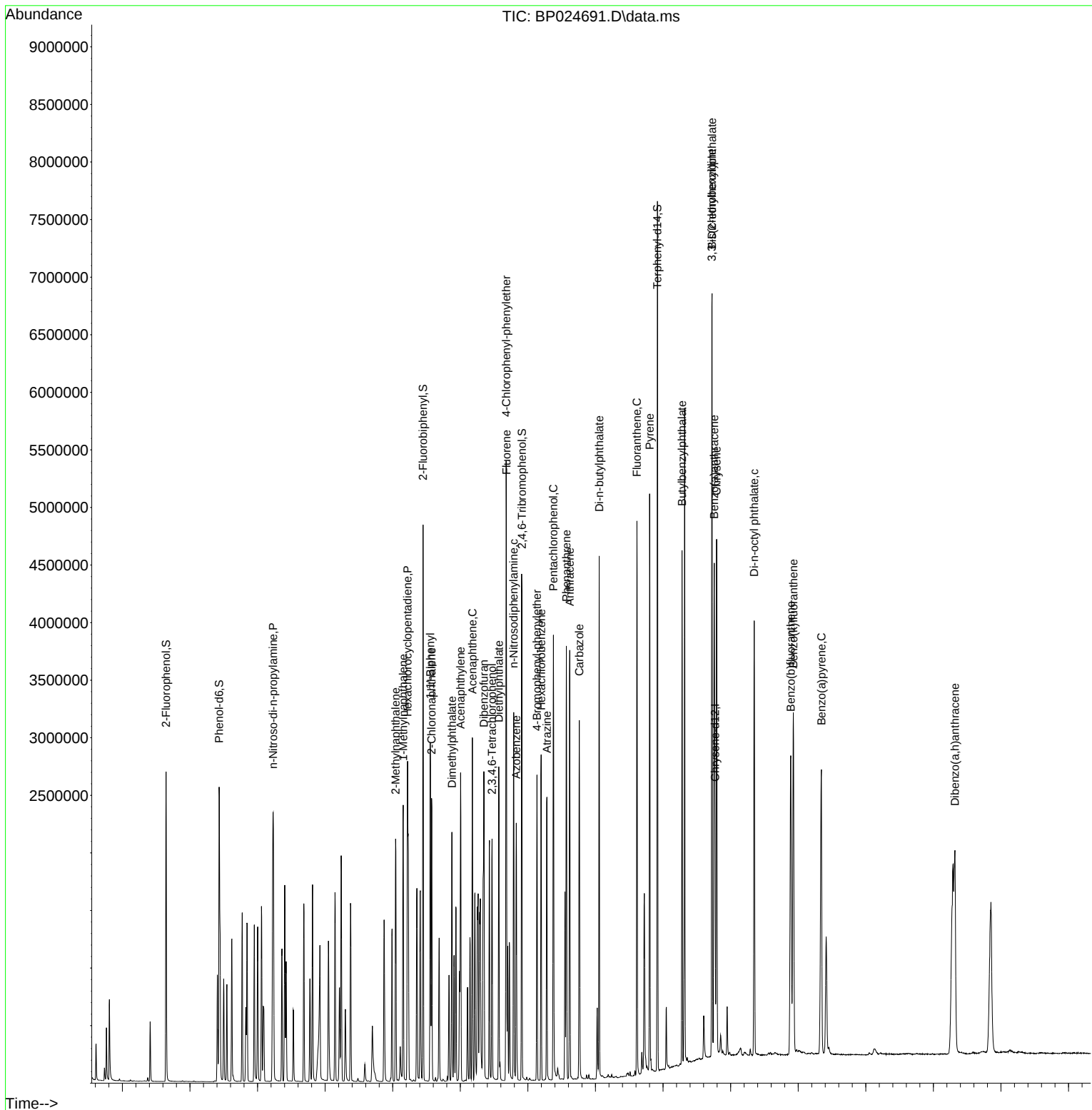
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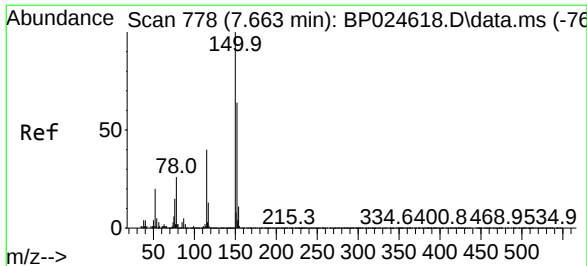
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	467084	49.176	ng	97
46) 1,1'-Biphenyl	13.110	154	1516077	45.214	ng	99
47) 2-Chloronaphthalene	13.152	162	1149183	44.949	ng	99
48) 2-Nitroaniline	13.375	65	350924	46.362	ng	98
49) Acenaphthylene	14.010	152	1930240	45.115	ng	100
50) Dimethylphthalate	13.752	163	1545880	44.706	ng	100
51) 2,6-Dinitrotoluene	13.875	165	332024	45.465	ng	96
52) Acenaphthene	14.357	154	1086088	44.156	ng	99
53) 3-Nitroaniline	14.216	138	227513	30.511	ng	97
54) 2,4-Dinitrophenol	14.434	184	420465	90.400	ng	98
55) Dibenzofuran	14.698	168	1728804	44.065	ng	98
56) 4-Nitrophenol	14.575	139	563852	86.954	ng	98
57) 2,4-Dinitrotoluene	14.675	165	476970	46.327	ng	99
58) Fluorene	15.363	166	1434906	44.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	413945	46.980	ng	97
60) Diethylphthalate	15.140	149	1573648	45.027	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	719589	45.105	ng	98
62) 4-Nitroaniline	15.404	138	316195	43.916	ng	96
63) Azobenzene	15.657	77	1319940	44.148	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	281086	48.170	ng	98
66) n-Nitrosodiphenylamine	15.581	169	1250329	45.060	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	494366	46.441	ng	100
68) Hexachlorobenzene	16.393	284	611127	45.180	ng	98
69) Atrazine	16.563	200	479320	47.135	ng	100
70) Pentachlorophenol	16.757	266	790871	104.158	ng	99
71) Phenanthrene	17.140	178	2238272	44.569	ng	100
72) Anthracene	17.240	178	2289362	45.309	ng	100
73) Carbazole	17.522	167	2149286	46.997	ng	100
74) Di-n-butylphthalate	18.110	149	2834682	48.196	ng	99
75) Fluoranthene	19.228	202	2761747	47.045	ng	100
77) Benzidine	19.445	184	1173958	43.416	ng	99
78) Pyrene	19.604	202	2767694	46.527	ng	99
80) Butylbenzylphthalate	20.563	149	1339615	50.636	ng	97
81) Benzo(a)anthracene	21.516	228	2890751	46.371	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	819615	35.398	ng	99
83) Chrysene	21.586	228	2696533	45.631	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1991784	51.222	ng	99
85) Di-n-octyl phthalate	22.698	149	3420415	53.790	ng	99
87) Indeno(1,2,3-cd)pyrene	28.568	276	3374918	43.301	ng	# 92
88) Benzo(b)fluoranthene	23.780	252	2841716	46.504	ng	99
89) Benzo(k)fluoranthene	23.857	252	2948981	46.834	ng	100
90) Benzo(a)pyrene	24.686	252	2682066	45.700	ng	99
91) Dibenzo(a,h)anthracene	28.639	278	2765872	43.621	ng	99
92) Benzo(g,h,i)perylene	29.704	276	2666340	42.286	ng	99

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

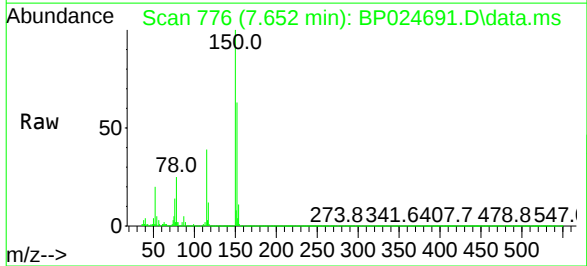
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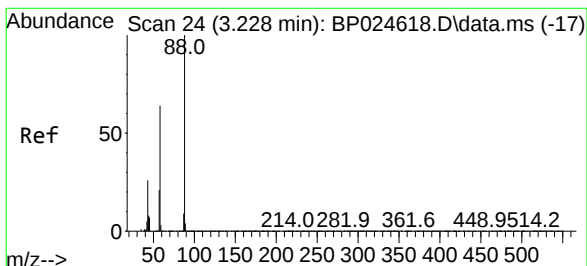
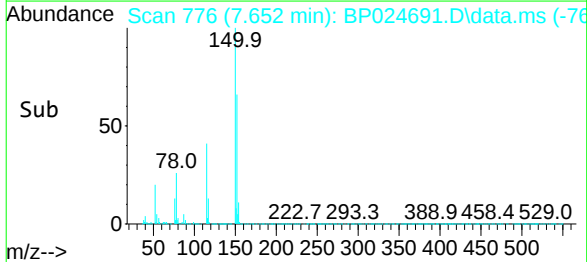
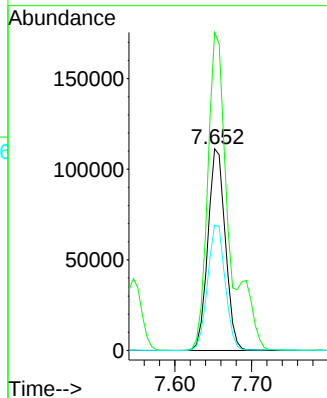


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 77
Delta R.T. -0.011 min
Lab File: BP024691.D
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TP-24MS

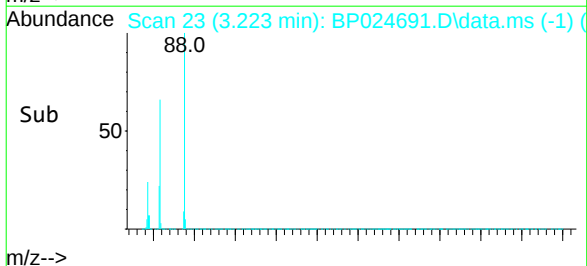
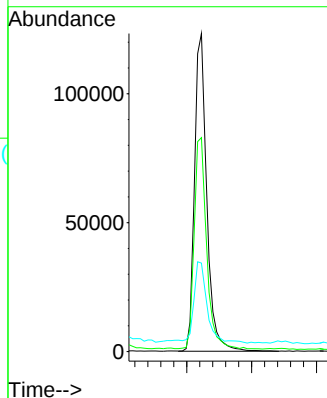
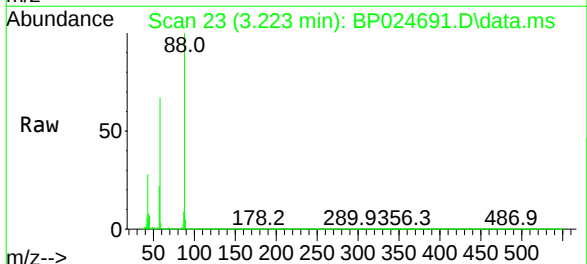


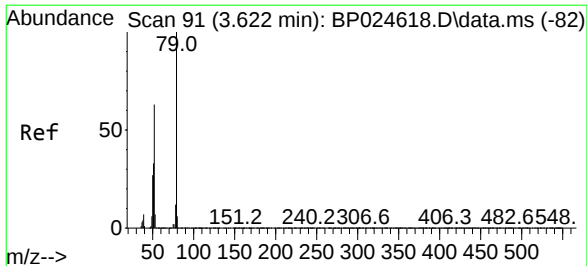
Tgt Ion:152 Resp: 175701
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 62.1 50.1 75.1



#2
1,4-Dioxane
Concen: 33.475 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion: 88 Resp: 161475
Ion Ratio Lower Upper
88 100
58 67.7 54.0 81.0
43 28.7 21.4 32.0

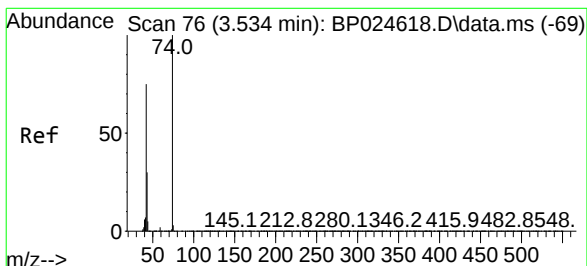
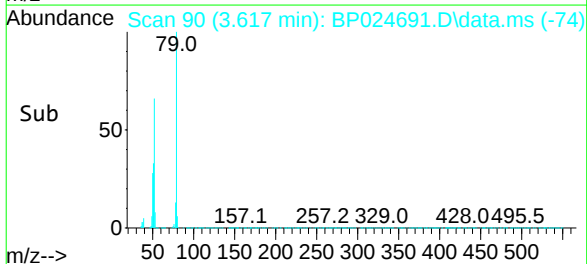
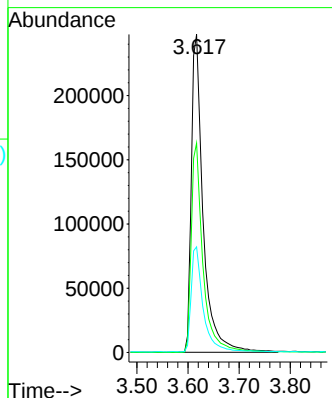
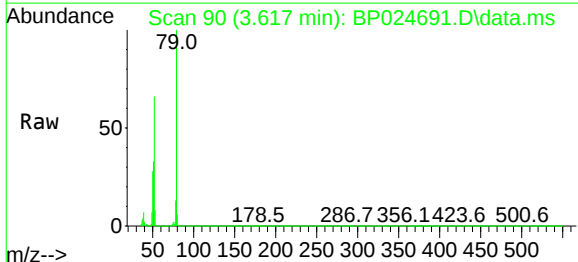




#3
 Pyridine
 Concen: 37.128 ng
 RT: 3.617 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BP024691.D
 Acq: 19 May 2025 16:16

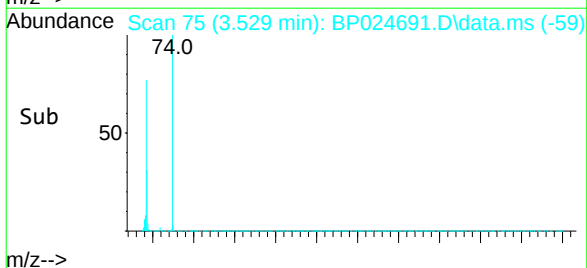
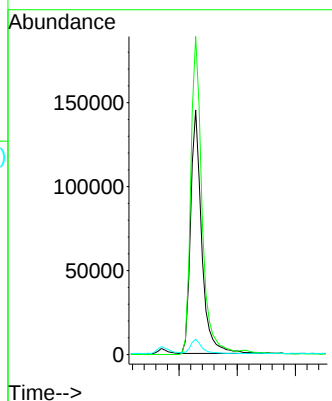
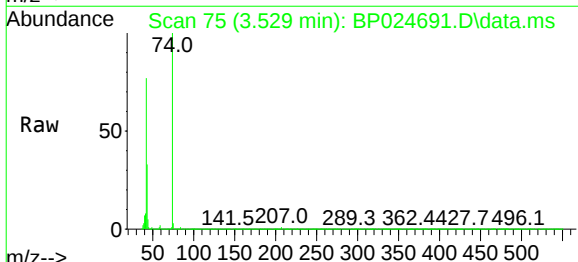
Instrument :
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 ClientSampleId :
 TP-24MS

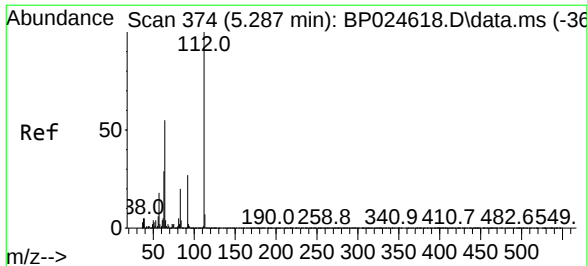
Tgt Ion: 79 Resp: 397123
 Ion Ratio Lower Upper
 79 100
 52 65.8 50.2 75.2
 51 33.2 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 40.618 ng
 RT: 3.529 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024691.D
 Acq: 19 May 2025 16:16

Tgt Ion: 42 Resp: 191800
 Ion Ratio Lower Upper
 42 100
 74 130.0 106.2 159.2
 44 6.3 5.4 8.2

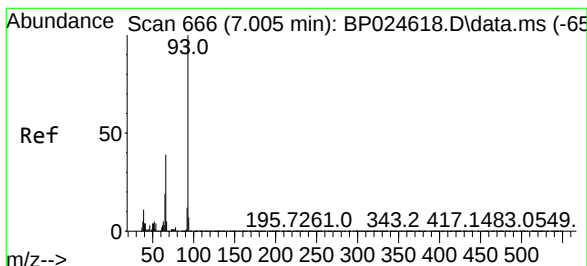
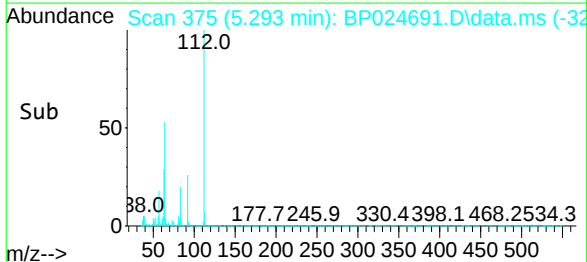
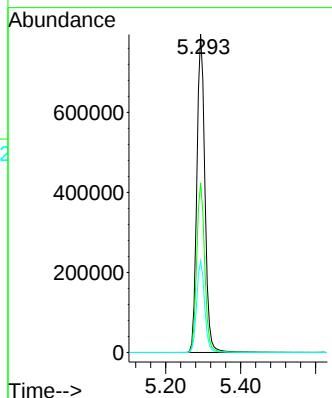
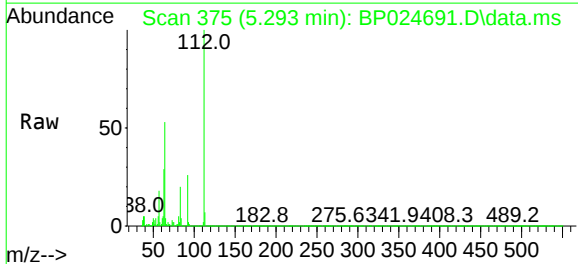




#5
2-Fluorophenol
Concen: 115.255 ng
RT: 5.293 min Scan# 37
Delta R.T. 0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

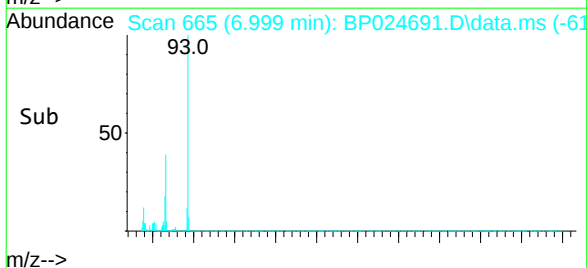
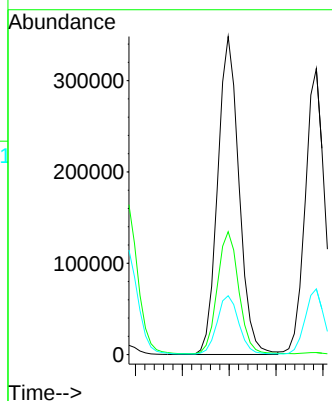
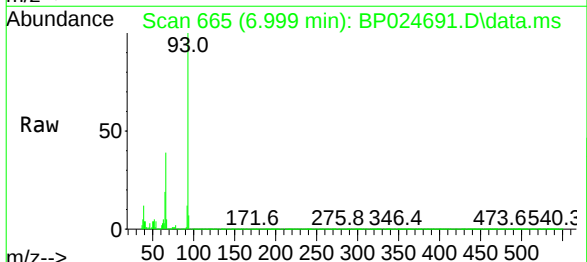
Instrument :
BNA_P
ClientSampleId :
TP-24MS

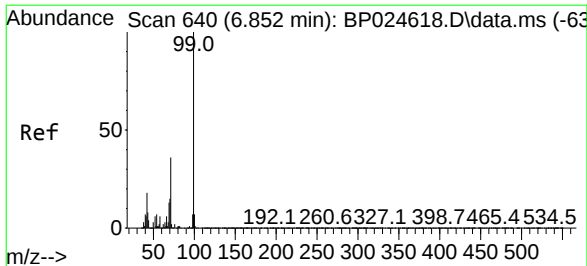
Tgt Ion:112 Resp: 1183975
Ion Ratio Lower Upper
112 100
64 53.3 44.1 66.1
63 28.8 23.5 35.3



#6
Aniline
Concen: 32.575 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion: 93 Resp: 551407
Ion Ratio Lower Upper
93 100
66 38.6 31.0 46.6
65 18.5 15.5 23.3





#7

Phenol-d6

Concen: 113.454 ng

RT: 6.864 min Scan# 640

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

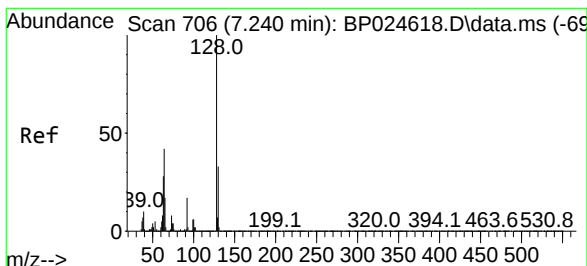
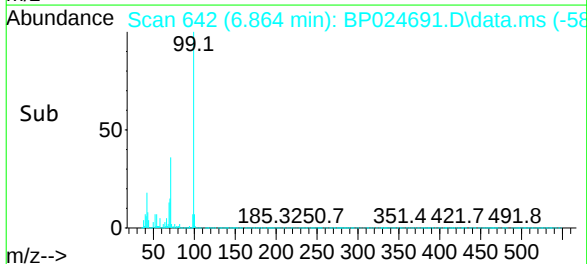
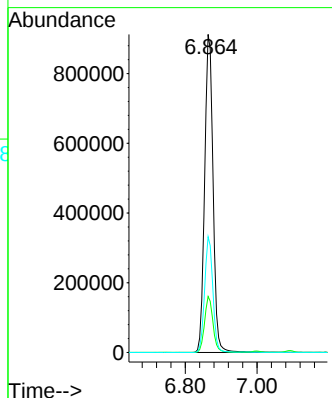
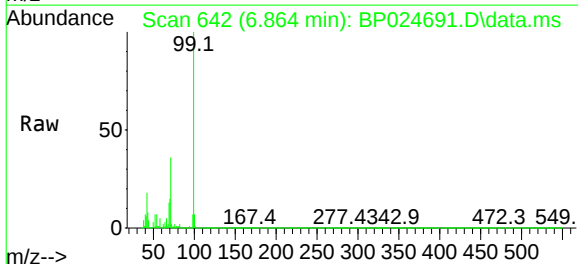
BNA_P

ClientSampleId :

TP-24MS

Tgt Ion: 99 Resp: 1487465

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.4	21.6
71	36.4	29.2	43.8



#8

2-Chlorophenol

Concen: 46.655 ng

RT: 7.240 min Scan# 706

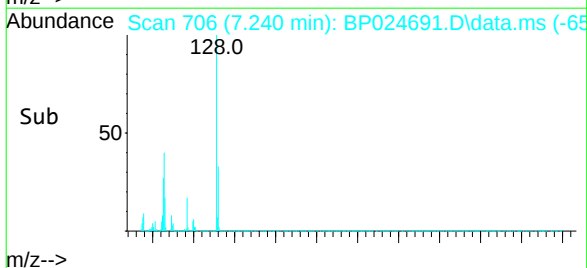
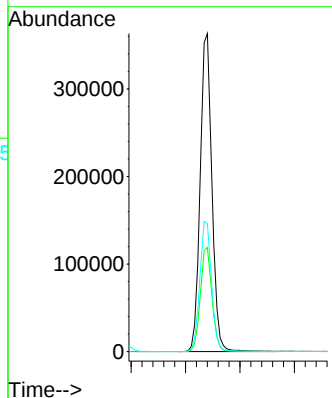
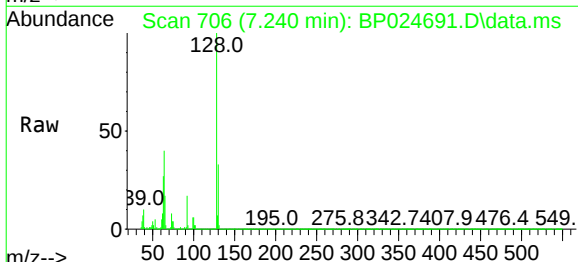
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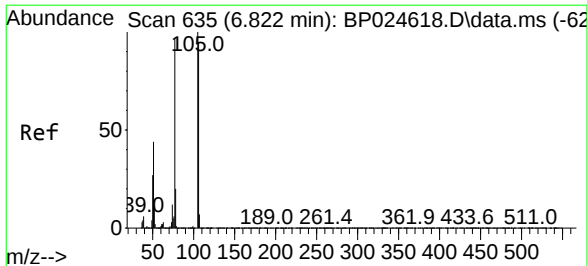
Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion: 128 Resp: 544073

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	40.2	22.3	62.3

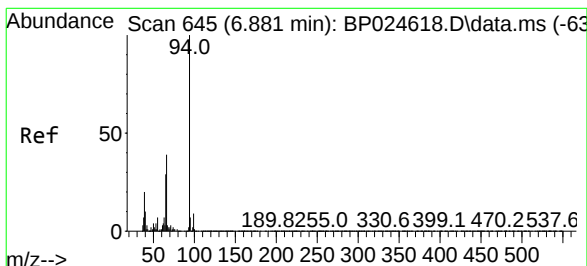
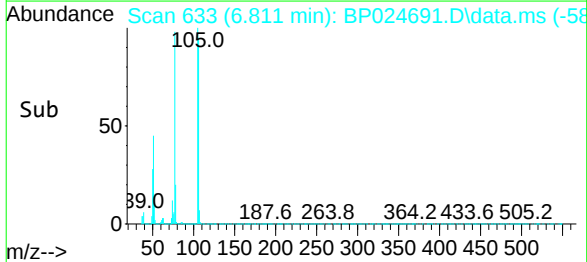
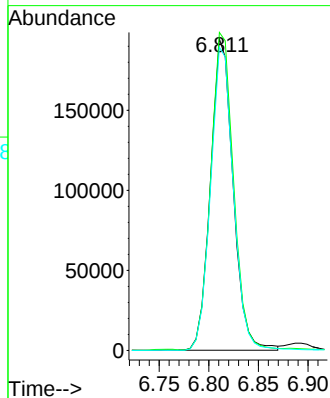
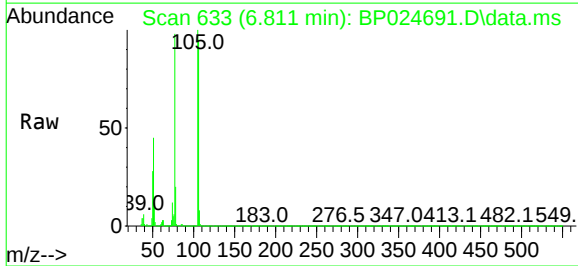




#9
Benzaldehyde
Concen: 36.322 ng
RT: 6.811 min Scan# 63
Delta R.T. -0.012 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

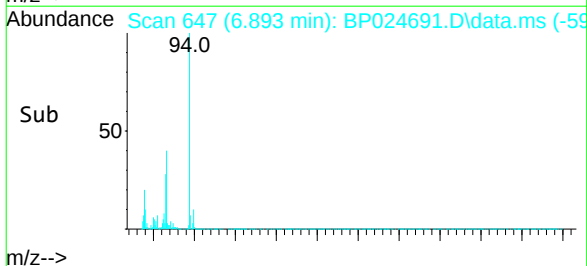
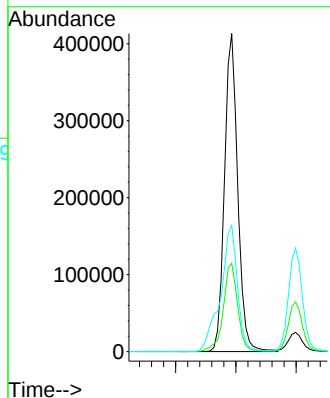
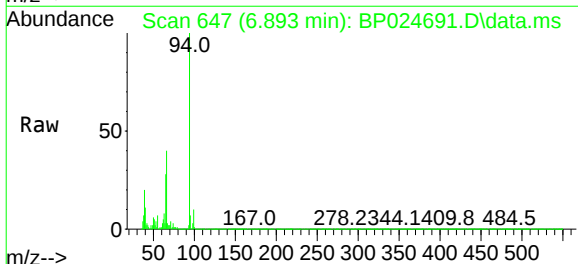
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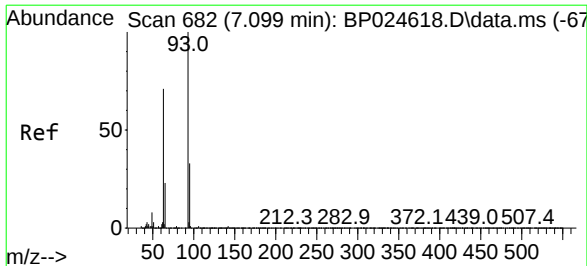
Tgt Ion: 77 Resp: 308267
Ion Ratio Lower Upper
77 100
105 102.0 83.3 123.3
106 97.3 78.0 118.0



#10
Phenol
Concen: 46.375 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.012 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion: 94 Resp: 627537
Ion Ratio Lower Upper
94 100
65 27.7 8.7 48.7
66 39.7 19.4 59.4

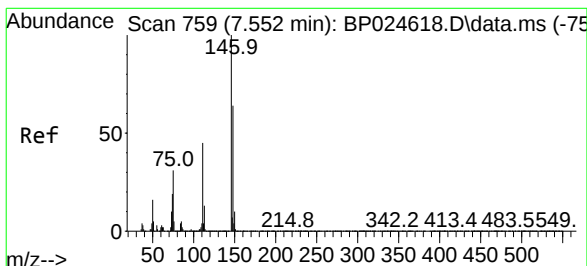
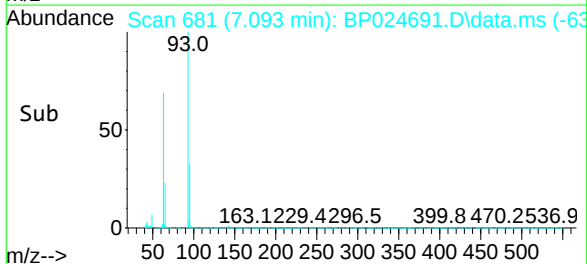
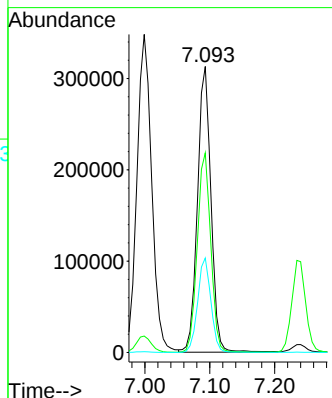
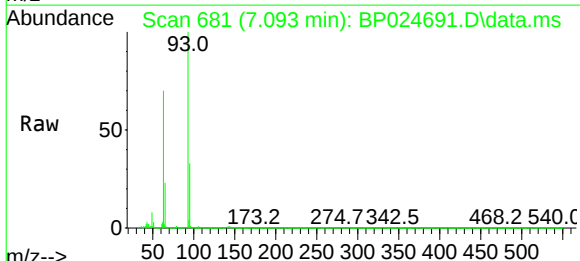




#11
bis(2-Chloroethyl)ether
Concen: 40.695 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

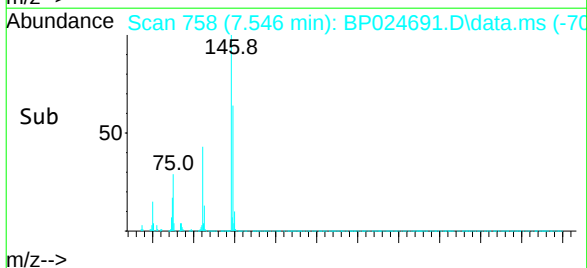
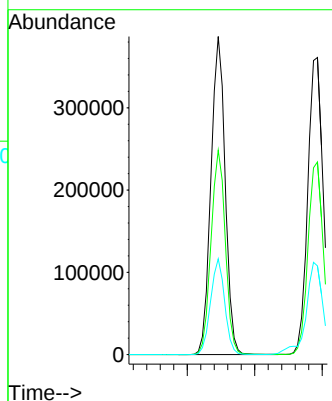
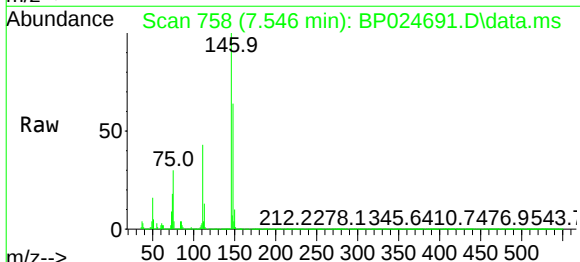
Instrument :
BNA_P
ClientSampleId :
TP-24MS

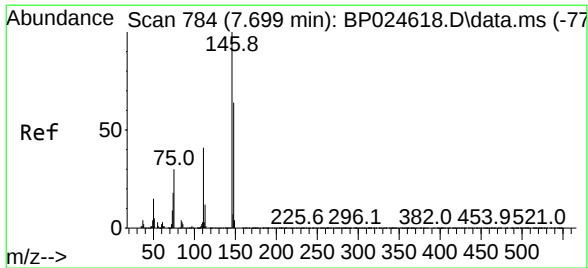
Tgt Ion: 93 Resp: 452491
Ion Ratio Lower Upper
93 100
63 69.8 50.6 90.6
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.320 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion: 146 Resp: 567795
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 30.1 25.2 37.8

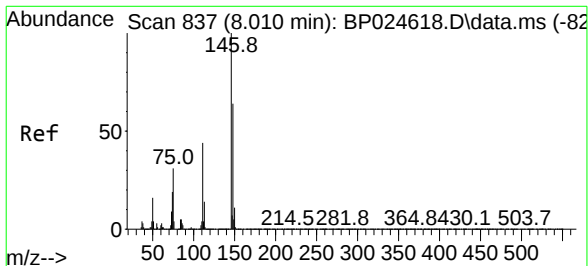
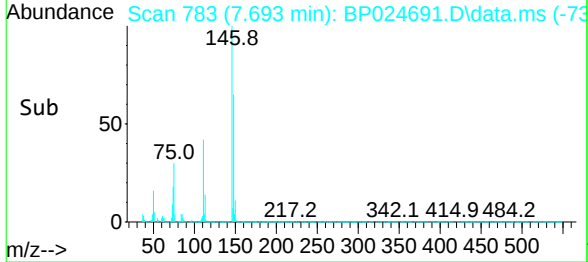
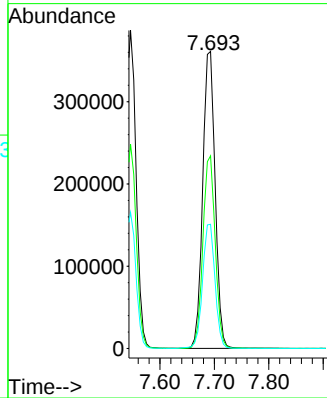
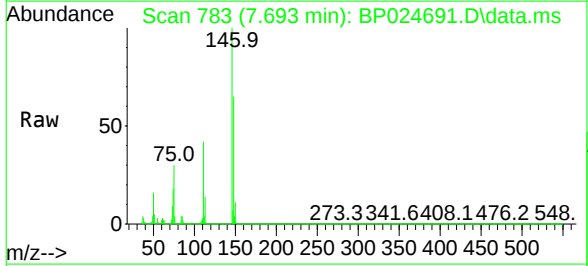




#13
1,4-Dichlorobenzene
Concen: 42.384 ng
RT: 7.693 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

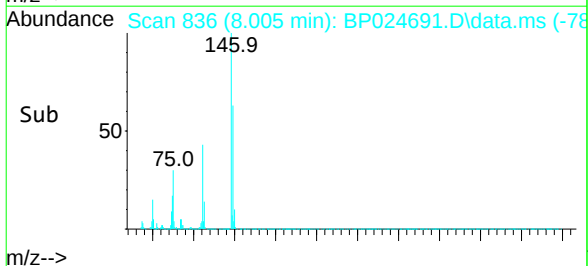
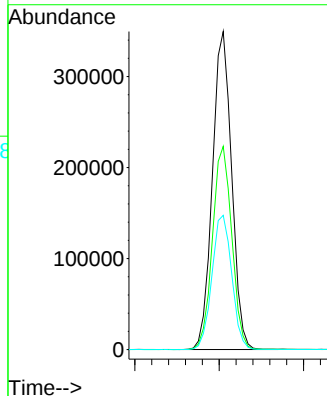
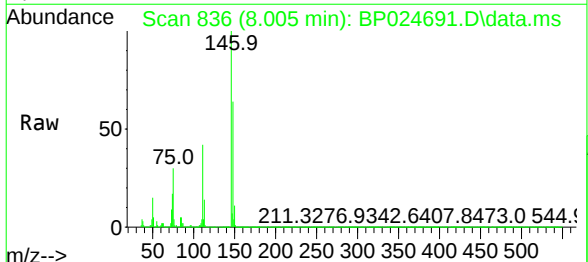
Instrument :
BNA_P
ClientSampleId :
TP-24MS

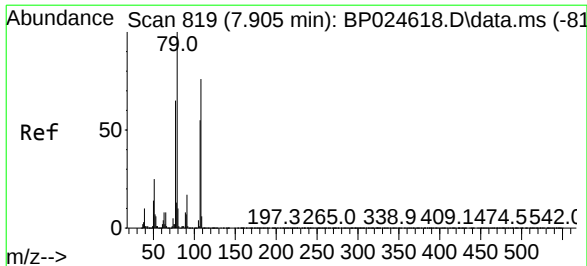
Tgt Ion:146 Resp: 571945
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 41.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 42.084 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion:146 Resp: 553367
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 42.2 35.2 52.8

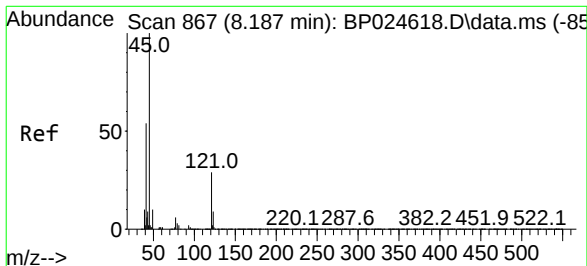
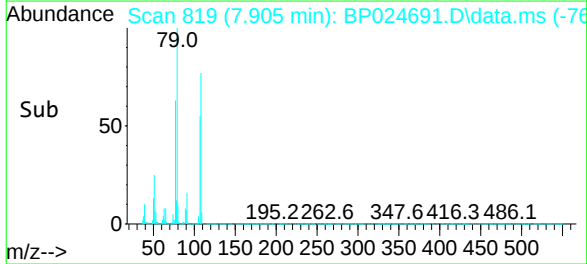
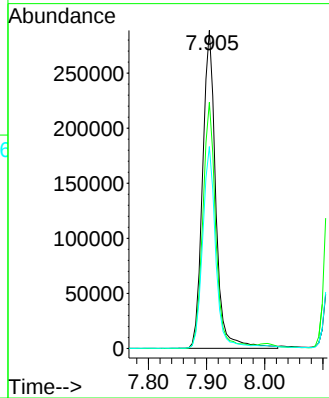
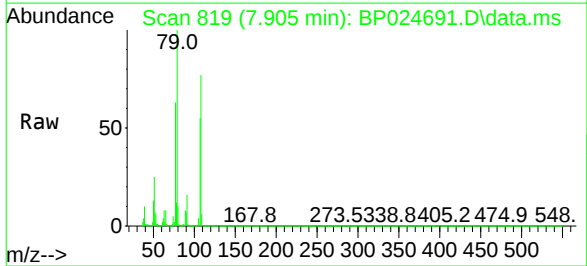




#15
Benzyl Alcohol
Concen: 45.763 ng
RT: 7.905 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

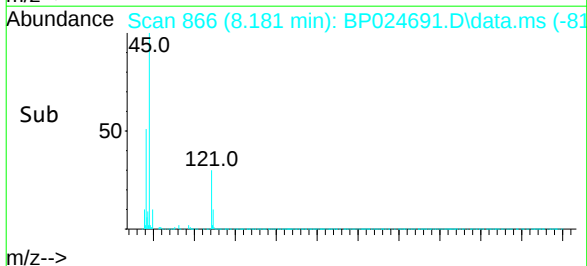
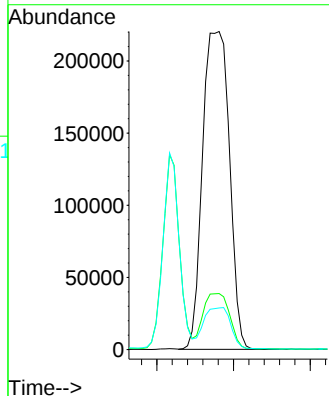
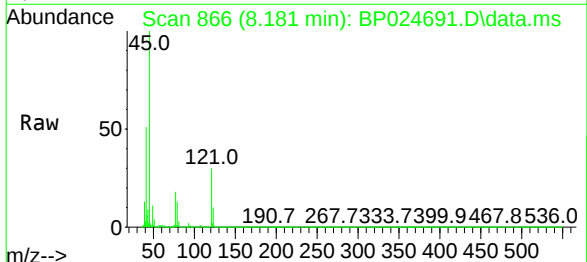
Instrument :
BNA_P
ClientSampleId :
TP-24MS

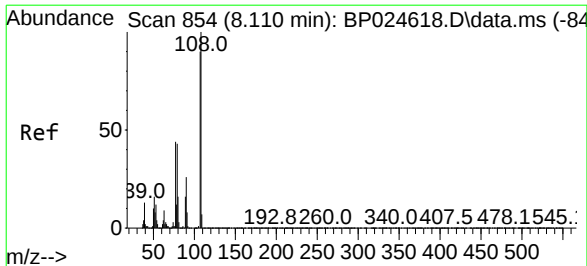
Tgt Ion: 79 Resp: 455941
Ion Ratio Lower Upper
79 100
108 77.4 60.8 91.2
77 63.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.260 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion: 45 Resp: 536108
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 13.1 0.0 34.0

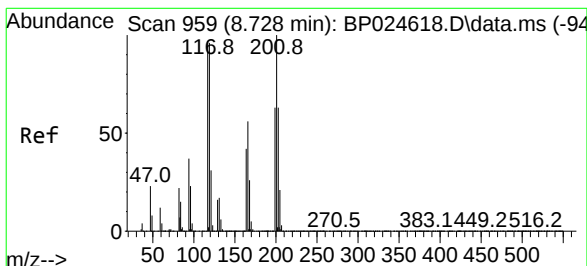
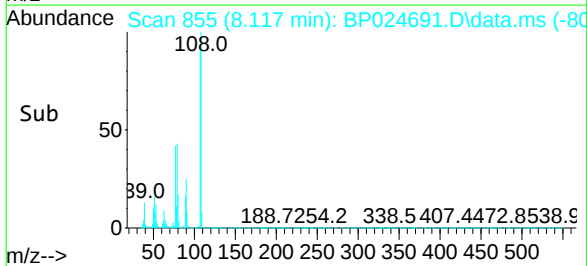
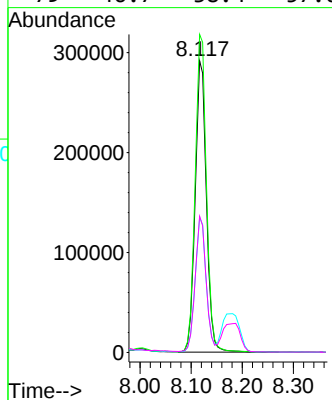
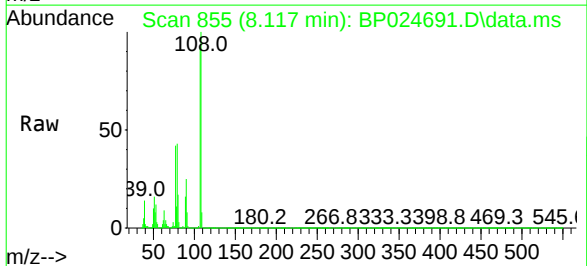




#17
2-Methylphenol
Concen: 45.616 ng
RT: 8.117 min Scan# 85
Delta R.T. 0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

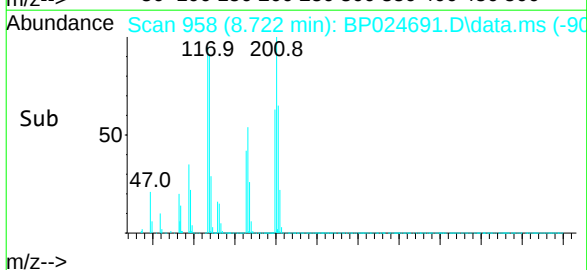
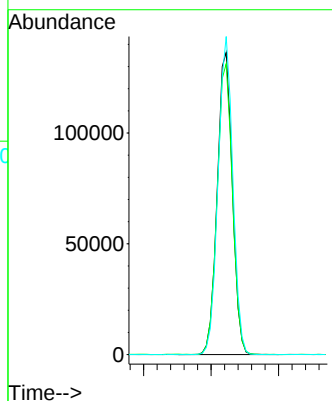
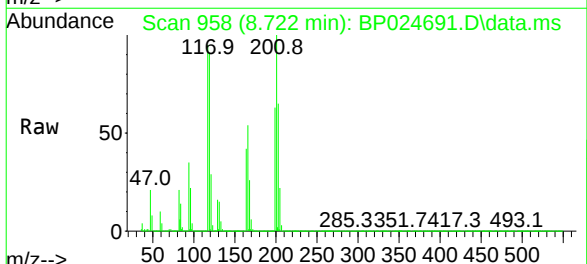
Instrument :
BNA_P
ClientSampleId :
TP-24MS

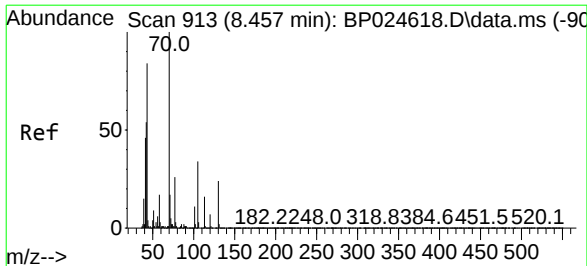
Tgt Ion:	107	Resp:	442728
Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.9	133.3
77	46.3	39.0	58.6
79	46.7	38.4	57.6



#18
Hexachloroethane
Concen: 41.038 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion:	117	Resp:	212213
Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.4	119.0
201	105.3	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.745 ng

RT: 8.458 min Scan# 911

Delta R.T. 0.000 min

Lab File: BP024691.D

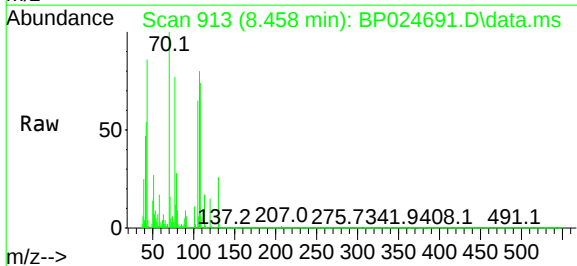
Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS



Tgt Ion: 70 Resp: 360456

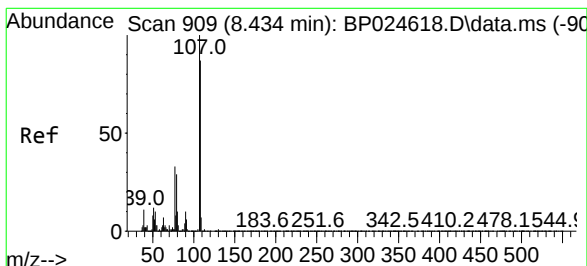
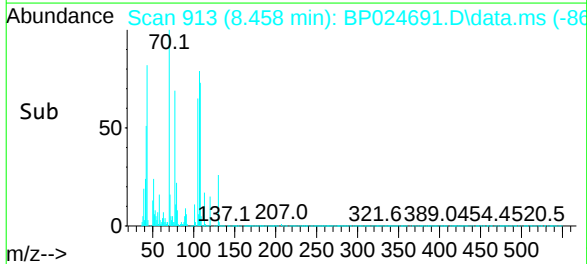
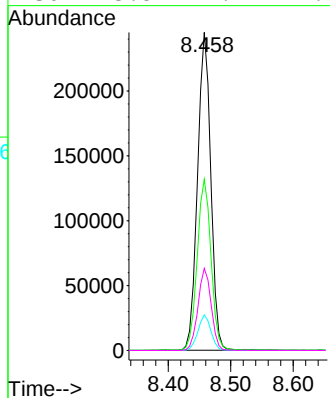
Ion Ratio Lower Upper

70 100

42 53.8 43.0 64.6

101 11.2 8.7 13.1

130 25.8 19.4 29.0



#20

3+4-Methylphenols

Concen: 45.367 ng

RT: 8.446 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion: 107 Resp: 598942

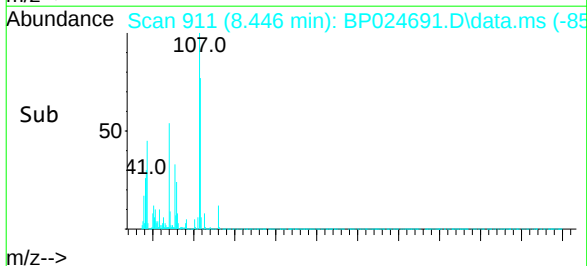
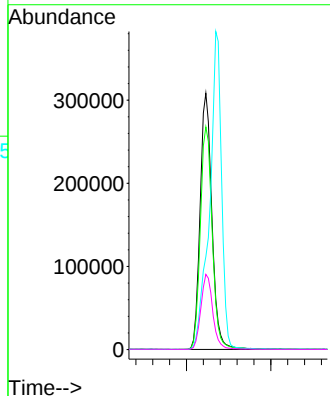
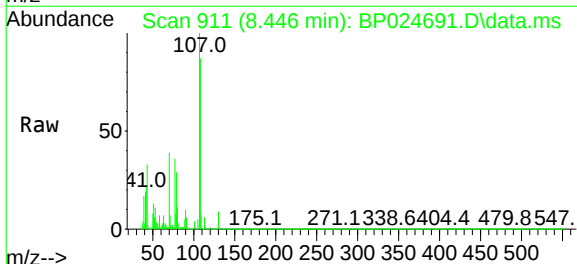
Ion Ratio Lower Upper

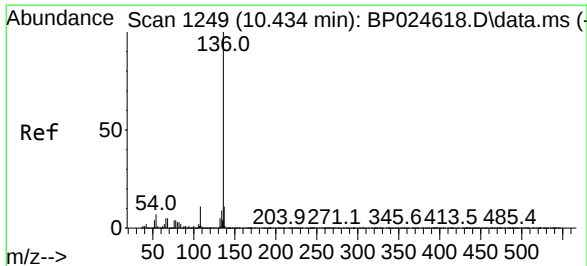
107 100

108 86.8 66.7 106.7

77 36.2 13.1 53.1

79 29.3 8.9 48.9

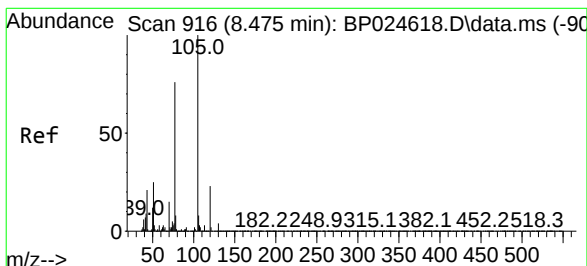
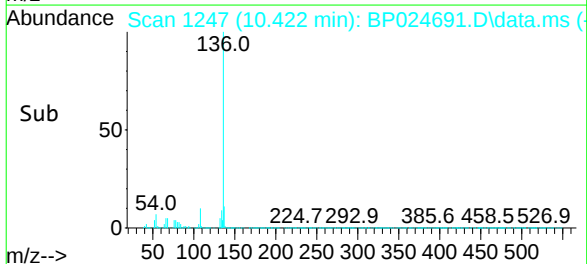
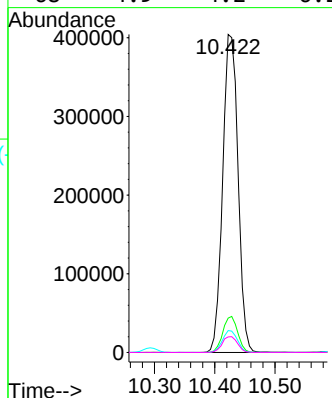
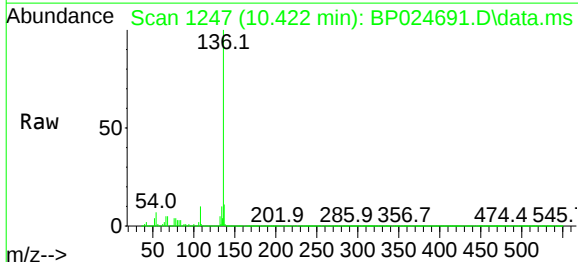




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

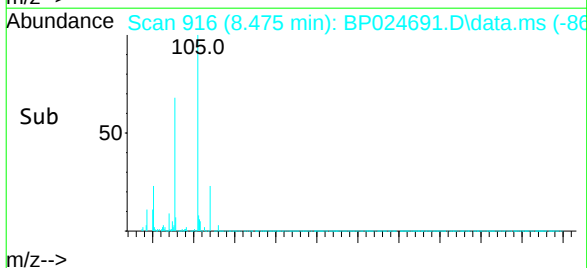
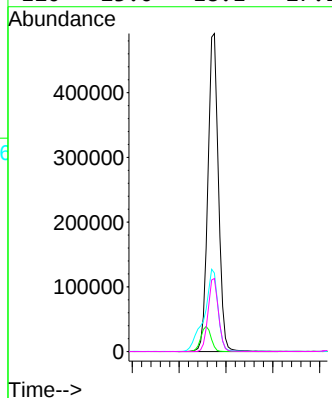
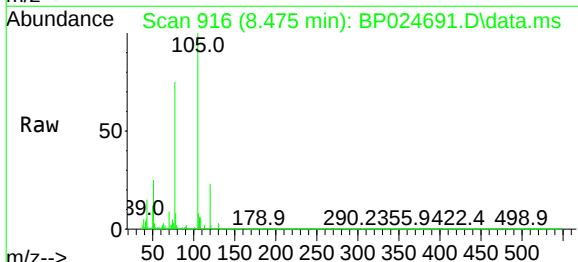
Instrument :
BNA_P
ClientSampleId :
TP-24MS

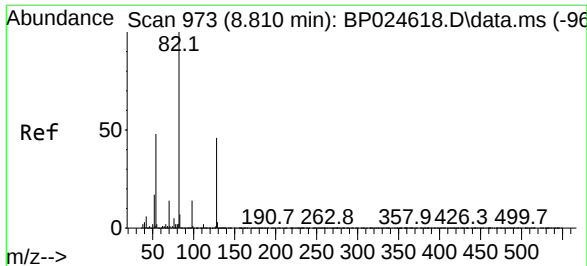
Tgt Ion:	136	Resp:	713844
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.5	8.3
68	4.9	4.2	6.2



#22
Acetophenone
Concen: 43.084 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion:	105	Resp:	768246
Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.0	3.0
51	24.7	20.4	30.6
120	23.0	18.1	27.1

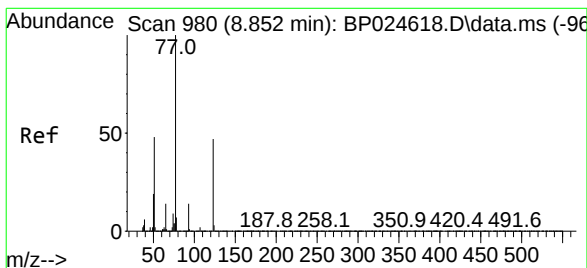
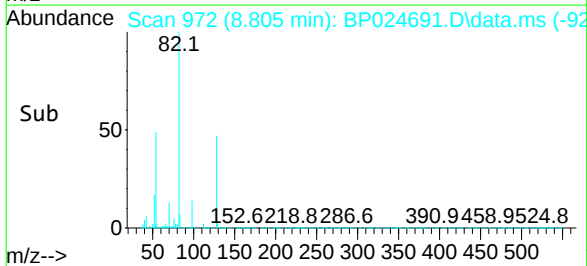
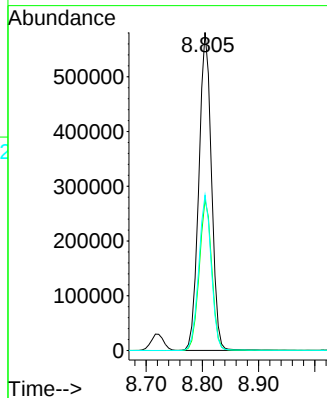
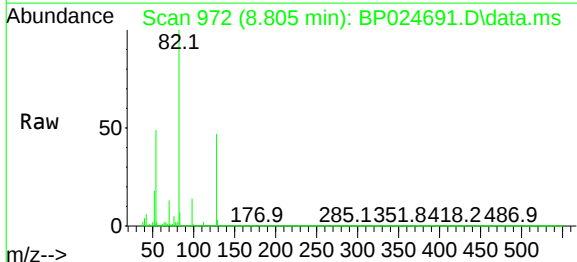




#23
Nitrobenzene-d5
Concen: 64.000 ng
RT: 8.805 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

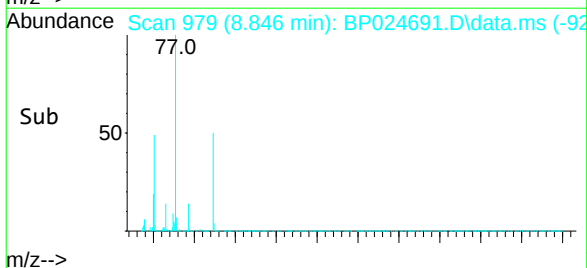
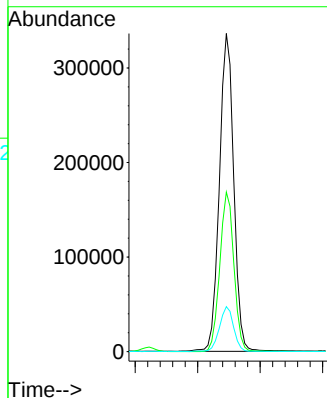
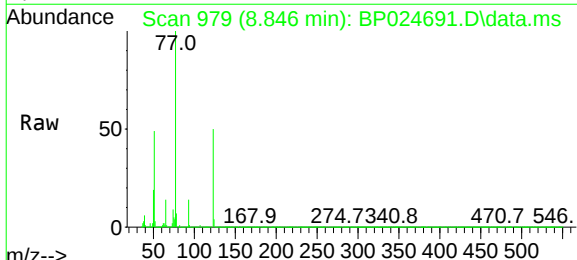
Instrument :
BNA_P
ClientSampleId :
TP-24MS

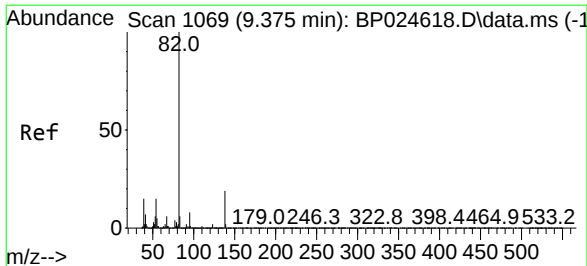
Tgt Ion: 82 Resp: 904196
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 48.8 38.7 58.1



#24
Nitrobenzene
Concen: 43.041 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion: 77 Resp: 535124
Ion Ratio Lower Upper
77 100
123 50.2 37.4 56.0
65 14.1 11.3 16.9





#25

Isophorone

Concen: 41.370 ng

RT: 9.369 min Scan# 1068

Delta R.T. -0.006 min

Lab File: BP024691.D

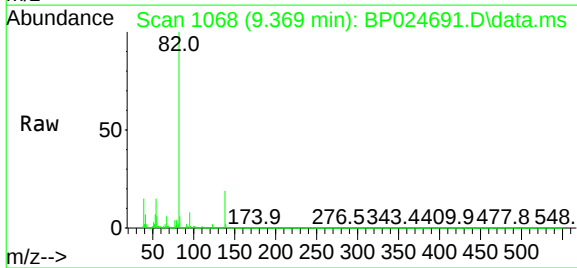
Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS



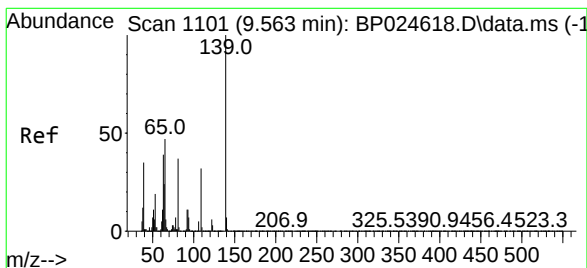
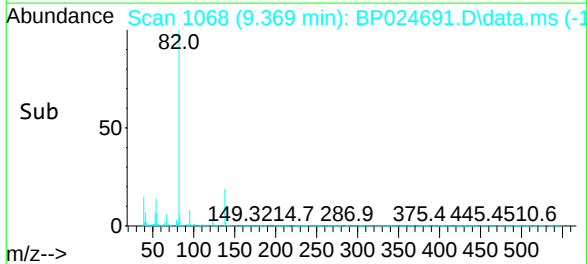
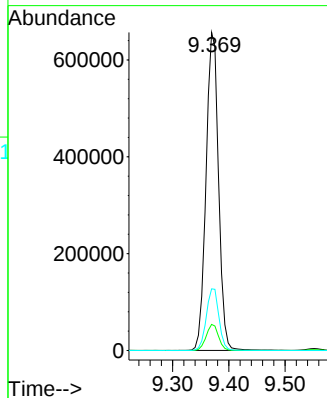
Tgt Ion: 82 Resp: 1013860

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

138 19.4 15.3 22.9



#26

2-Nitrophenol

Concen: 49.135 ng

RT: 9.552 min Scan# 1099

Delta R.T. -0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

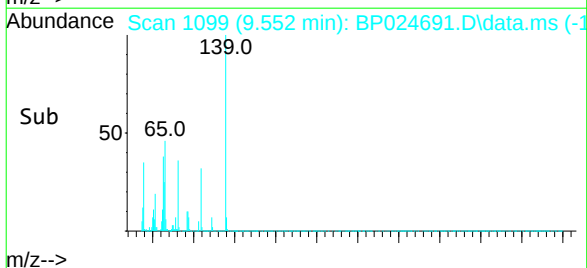
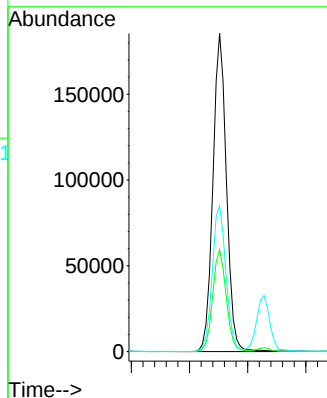
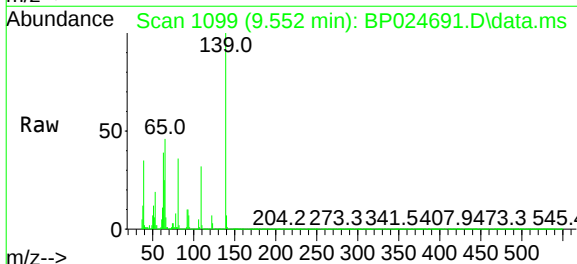
Tgt Ion: 139 Resp: 299350

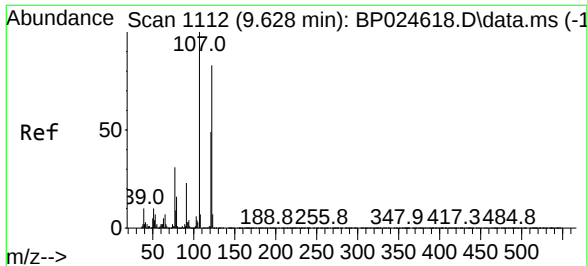
Ion Ratio Lower Upper

139 100

109 32.0 25.9 38.9

65 45.8 37.9 56.9

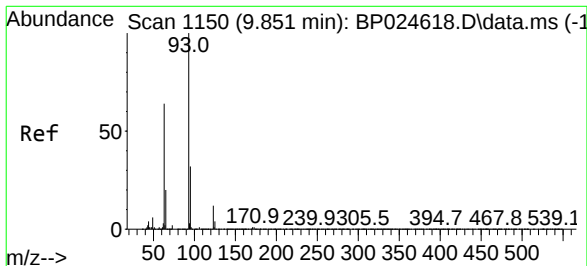
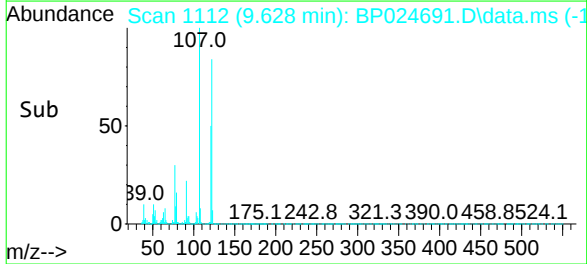
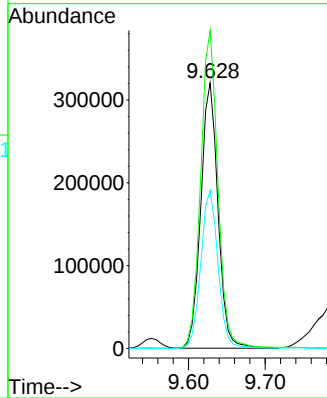
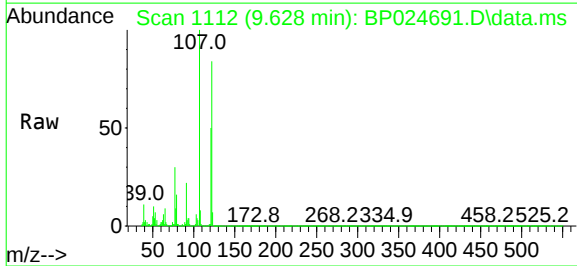




#27
2,4-Dimethylphenol
Concen: 46.422 ng
RT: 9.628 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

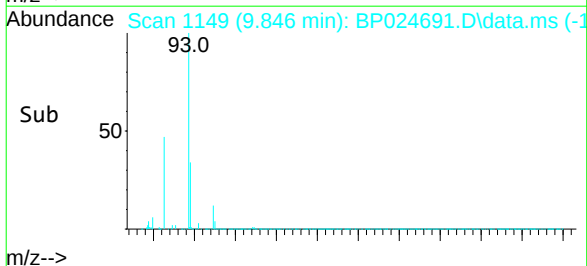
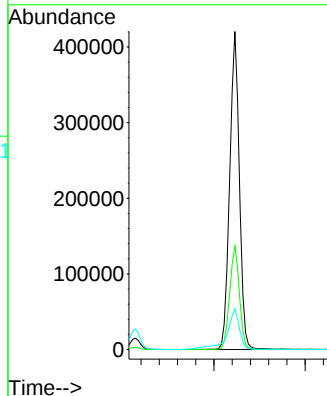
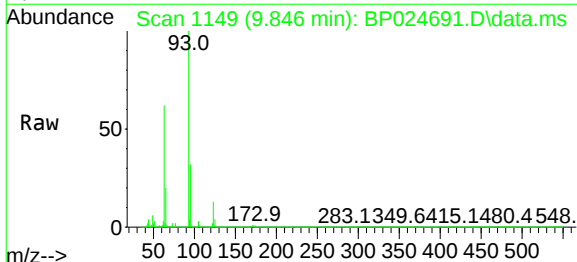
Instrument :
BNA_P
ClientSampleId :
TP-24MS

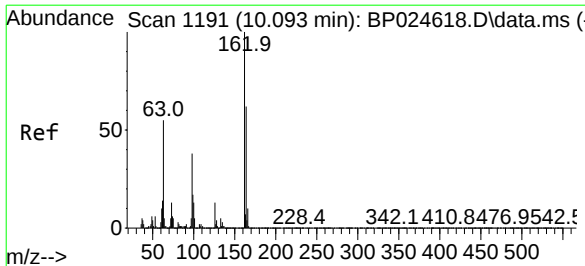
Tgt Ion:122 Resp: 498635
Ion Ratio Lower Upper
122 100
107 119.7 96.2 144.2
121 59.5 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.349 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion: 93 Resp: 620045
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 12.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 49.151 ng

RT: 10.099 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

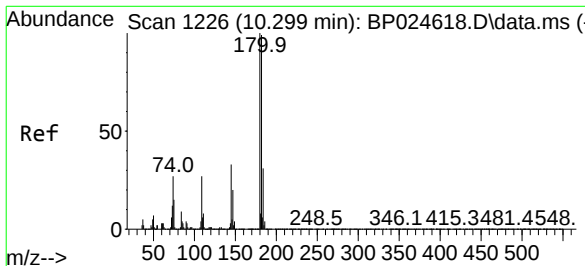
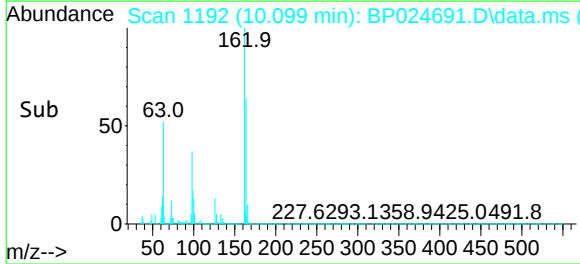
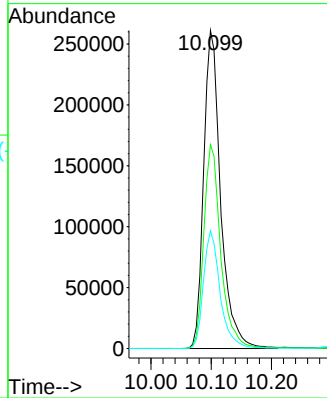
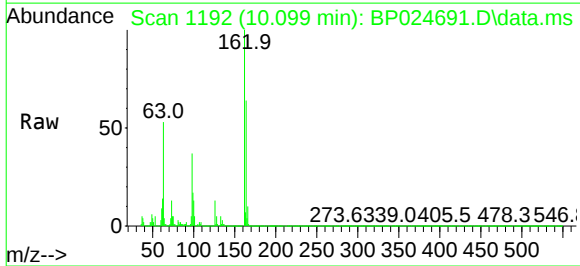
Tgt Ion:162 Resp: 511609

Ion Ratio Lower Upper

162 100

164 64.1 42.3 82.3

98 37.0 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 44.496 ng

RT: 10.293 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

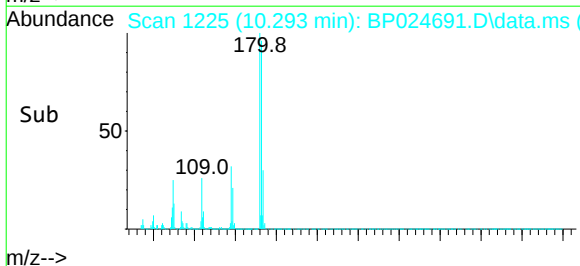
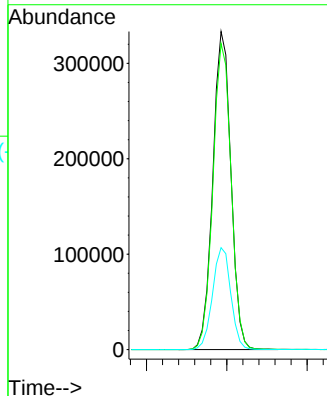
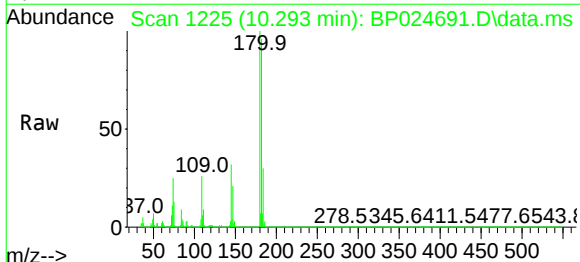
Tgt Ion:180 Resp: 521929

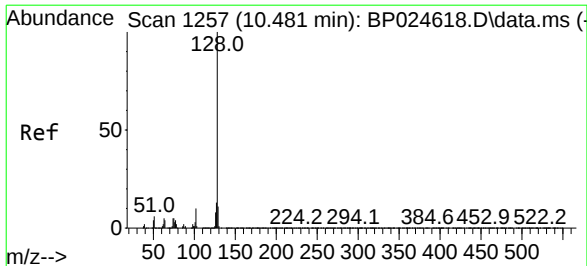
Ion Ratio Lower Upper

180 100

182 96.2 79.0 118.4

145 32.0 26.6 39.8

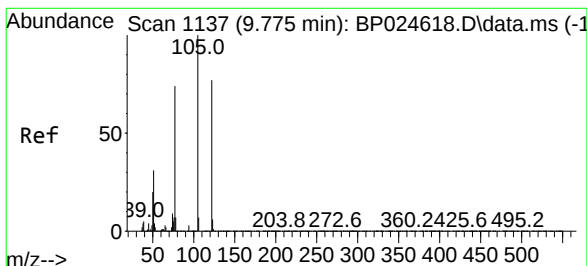
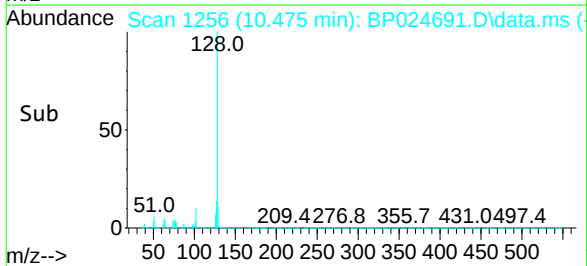
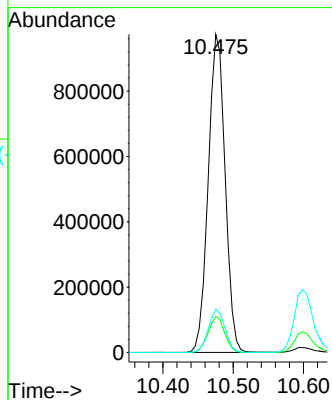
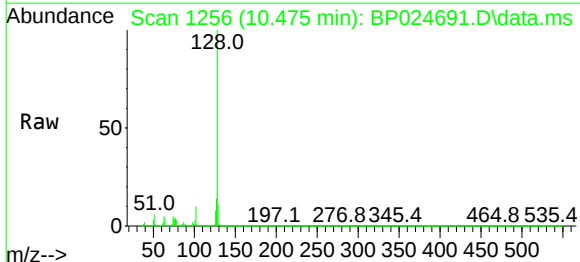




#31
Naphthalene
Concen: 43.882 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

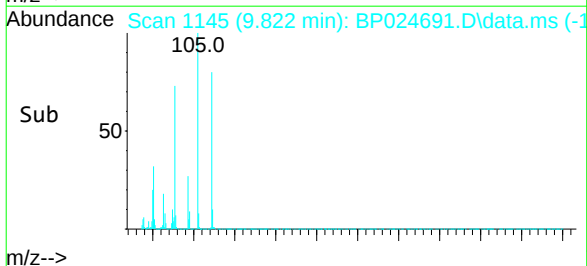
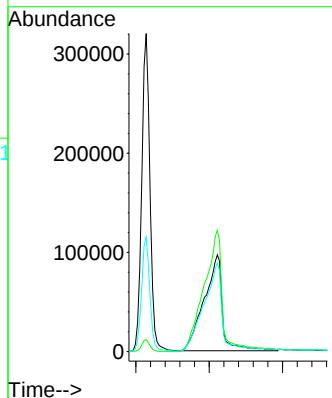
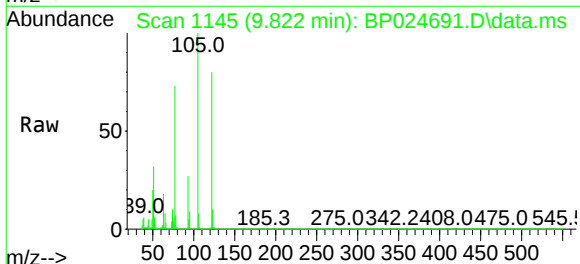
Instrument :
BNA_P
ClientSampleId :
TP-24MS

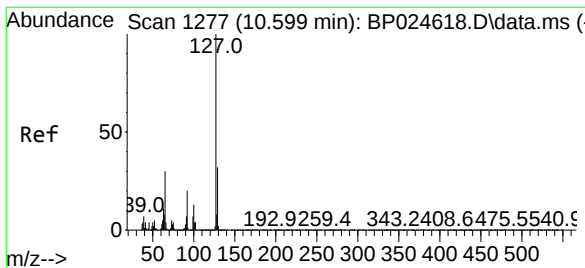
Tgt Ion:128 Resp: 1623285
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 45.356 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.047 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion:122 Resp: 335518
Ion Ratio Lower Upper
122 100
105 125.5 106.9 146.9
77 91.6 75.1 115.1





#33

4-Chloroaniline

Concen: 25.199 ng

RT: 10.599 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

Tgt Ion:127 Resp: 376160

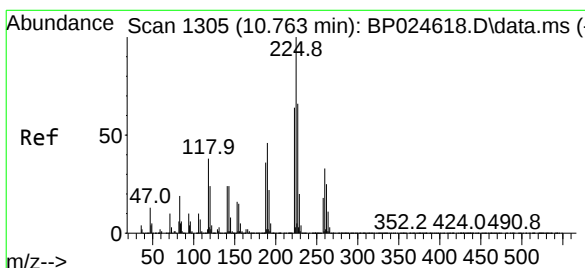
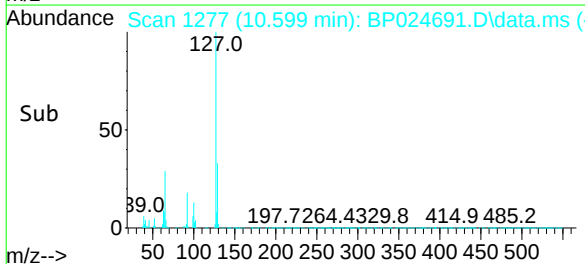
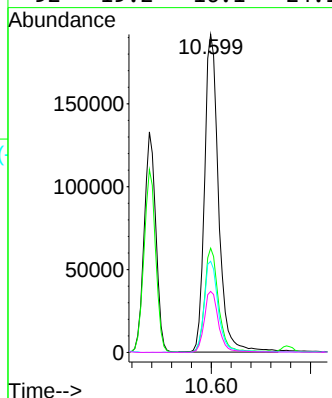
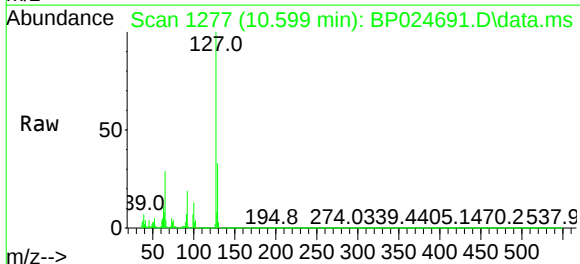
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.6

65 28.7 23.9 35.9

92 19.2 16.1 24.1



#34

Hexachlorobutadiene

Concen: 44.392 ng

RT: 10.758 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

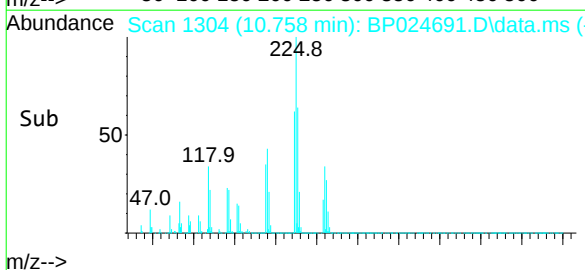
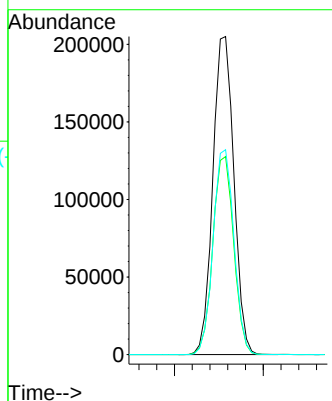
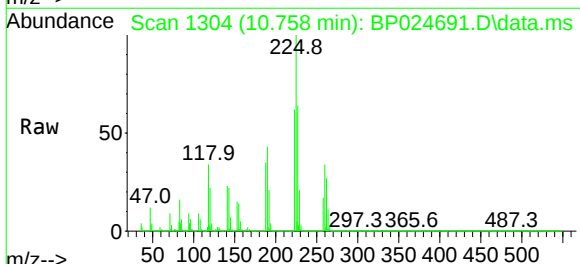
Tgt Ion:225 Resp: 337318

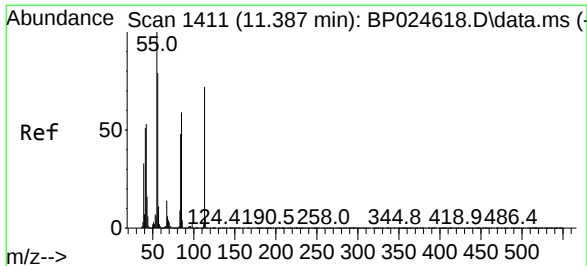
Ion Ratio Lower Upper

225 100

223 62.3 51.0 76.6

227 64.4 53.1 79.7





#35

Caprolactam

Concen: 46.005 ng

RT: 11.399 min Scan# 1411

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

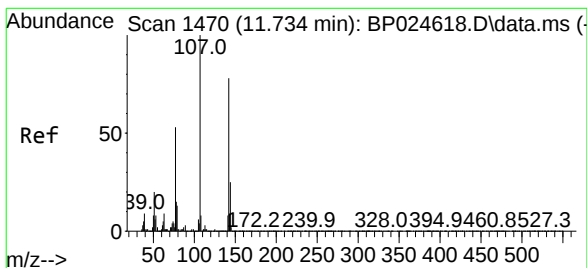
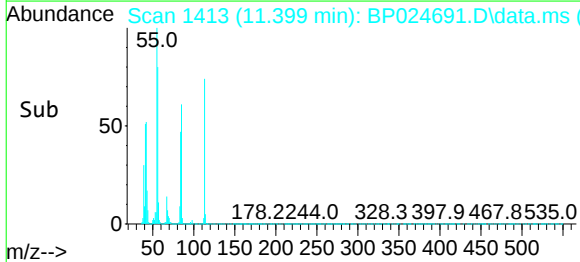
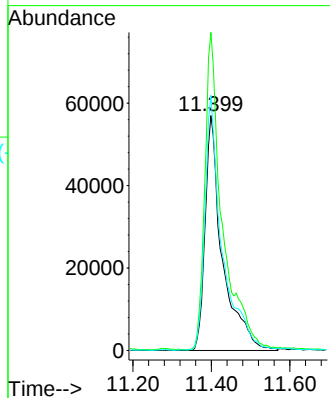
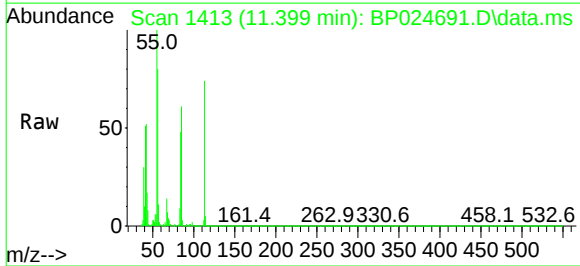
Tgt Ion:113 Resp: 173255

Ion Ratio Lower Upper

113 100

55 135.3 119.0 159.0

56 108.6 90.3 130.3



#36

4-Chloro-3-methylphenol

Concen: 45.741 ng

RT: 11.746 min Scan# 1472

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

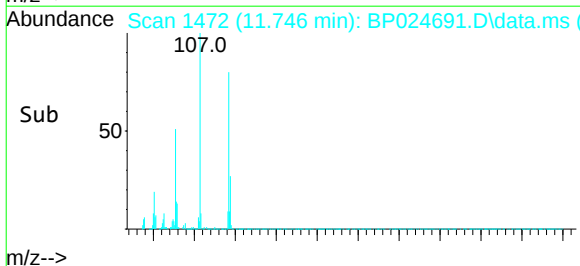
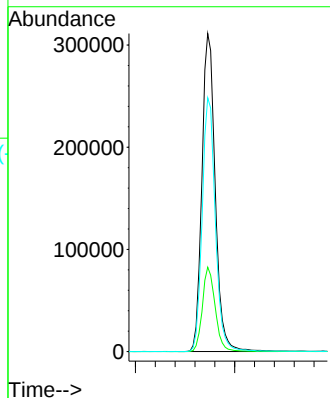
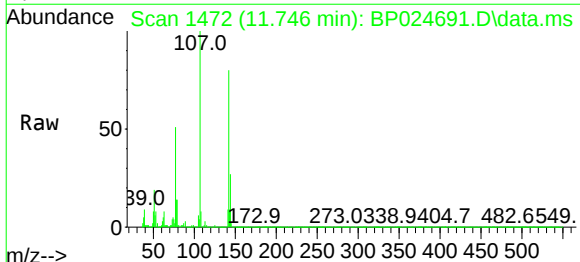
Tgt Ion:107 Resp: 580626

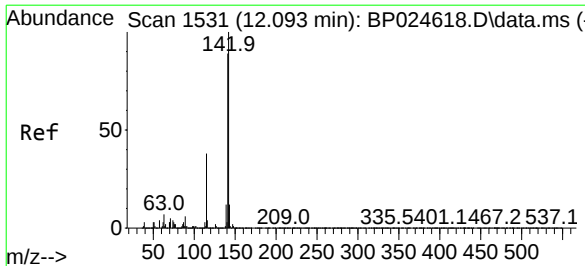
Ion Ratio Lower Upper

107 100

144 26.5 20.1 30.1

142 79.8 62.1 93.1





#37

2-Methylnaphthalene

Concen: 43.679 ng

RT: 12.087 min Scan# 15

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

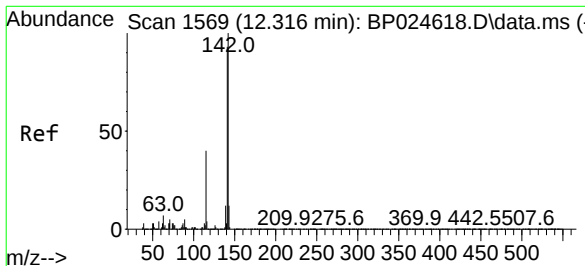
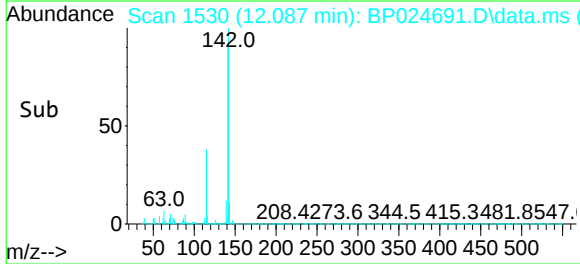
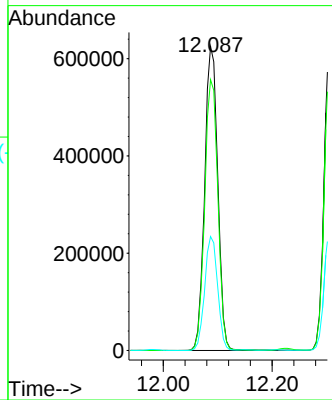
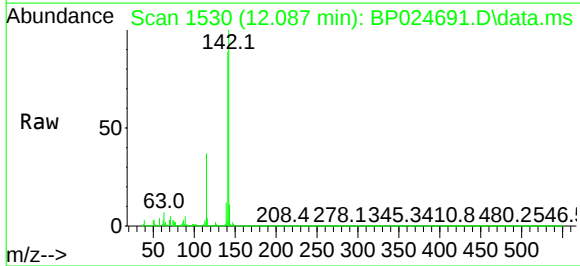
Tgt Ion:142 Resp: 1046239

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8

115 37.5 30.6 46.0



#38

1-Methylnaphthalene

Concen: 42.620 ng

RT: 12.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

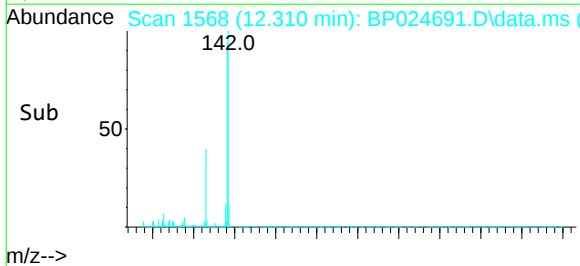
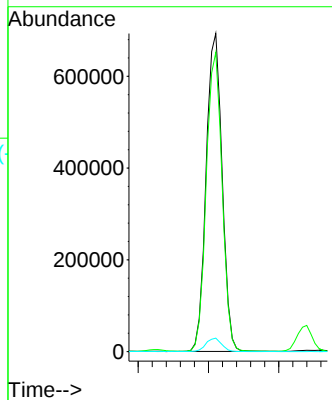
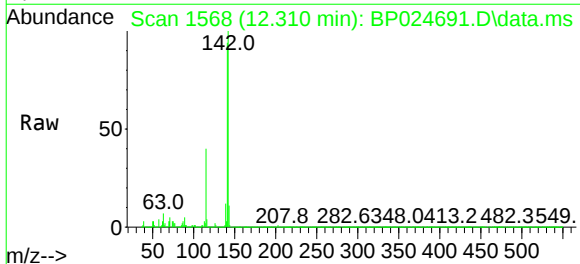
Tgt Ion:142 Resp: 1092307

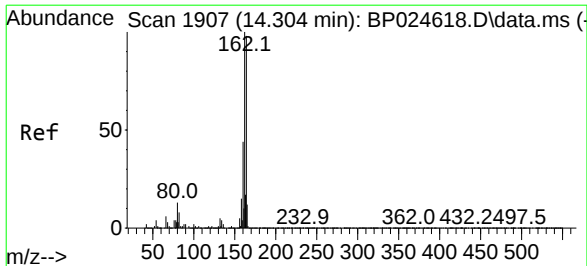
Ion Ratio Lower Upper

142 100

141 94.0 74.7 112.1

116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 19

Delta R.T. -0.017 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

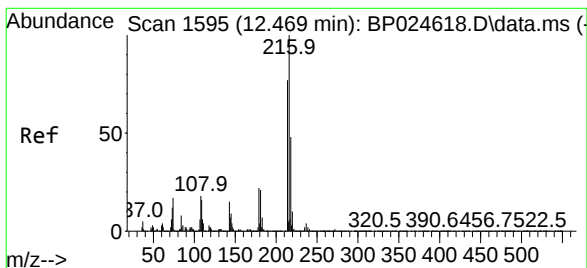
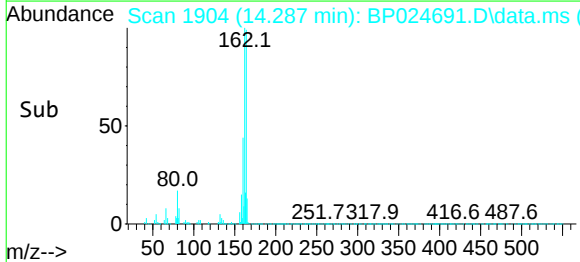
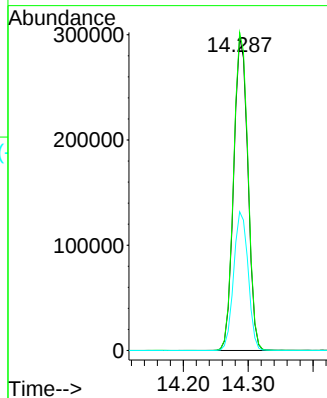
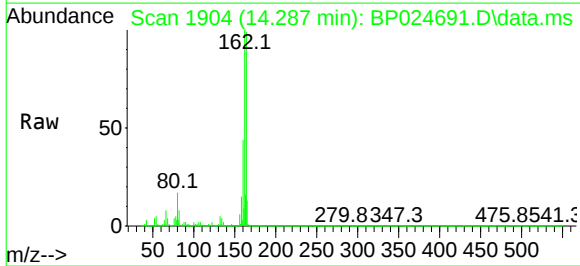
Tgt Ion:164 Resp: 453670

Ion	Ratio	Lower	Upper
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164	100		
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162	101.3	81.8	122.6
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160	44.2	36.3	54.5
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.820 ng

RT: 12.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:216 Resp: 603629

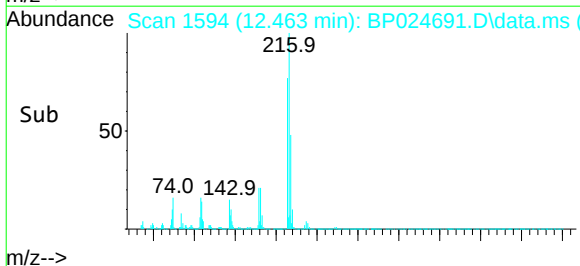
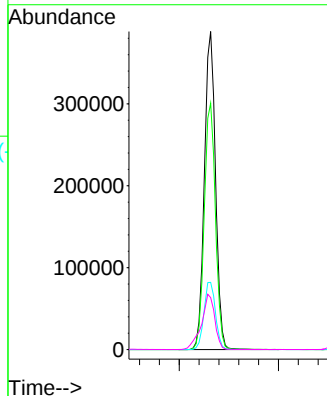
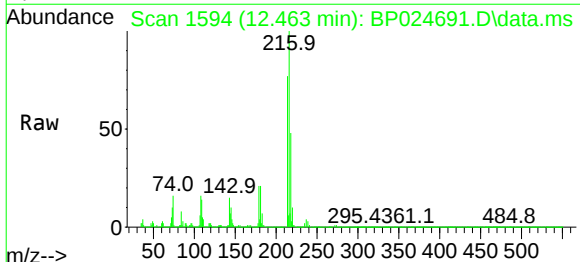
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

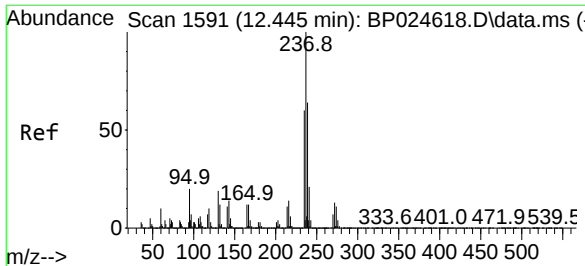
216	100		
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214	78.0	62.3	93.5
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179	22.0	17.7	26.5
-----	------	------	------

108	20.8	16.0	24.0
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#41

Hexachlorocyclopentadiene

Concen: 90.891 ng

RT: 12.440 min Scan# 15

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

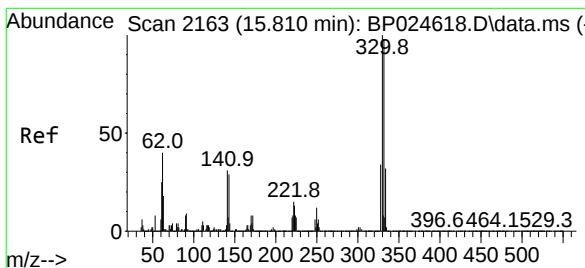
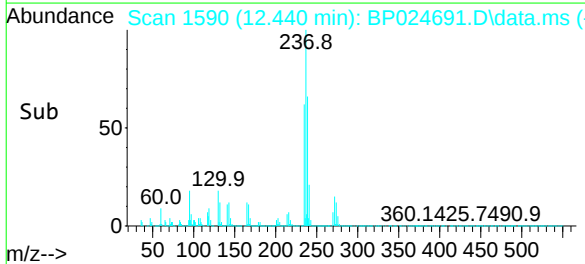
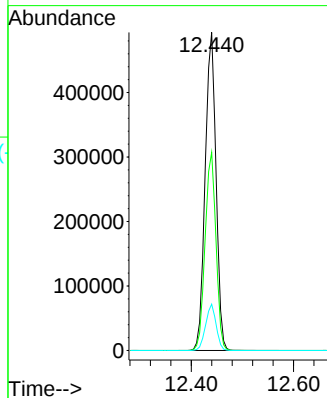
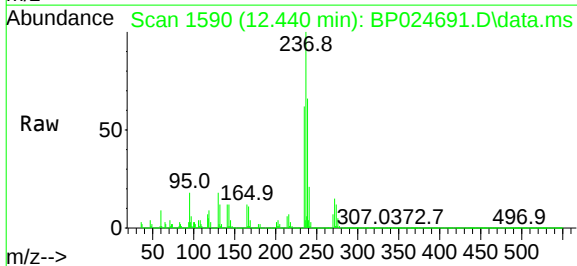
Instrument :

BNA_P

ClientSampleId :

TP-24MS

Tgt Ion:	237	Resp:	726067
Ion	Ratio	Lower	Upper
237	100		
235	62.3	39.9	79.9
272	14.6	0.0	33.2



#42

2,4,6-Tribromophenol

Concen: 117.848 ng

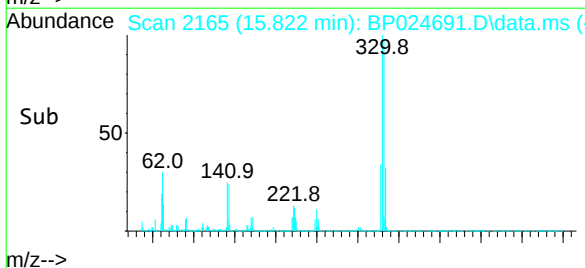
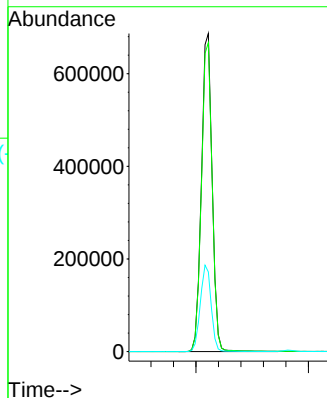
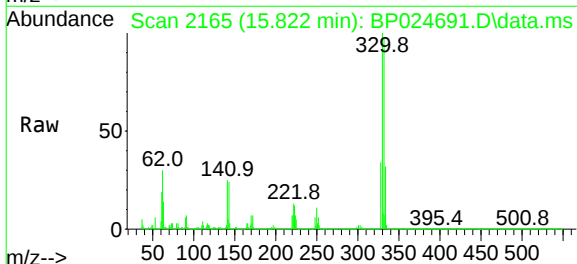
RT: 15.822 min Scan# 2165

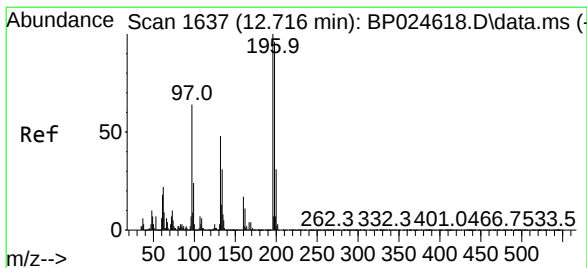
Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:	330	Resp:	906372
Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.4
141	27.6	24.3	36.5





#43

2,4,6-Trichlorophenol

Concen: 49.689 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

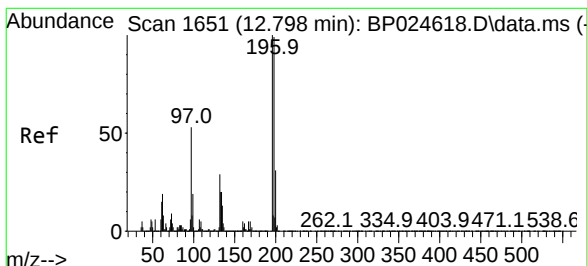
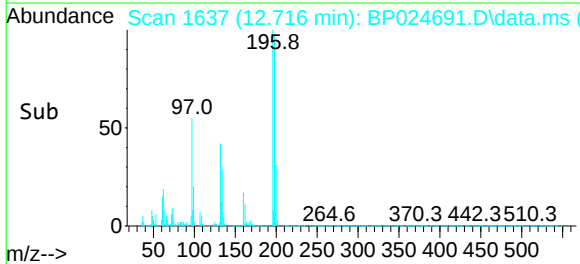
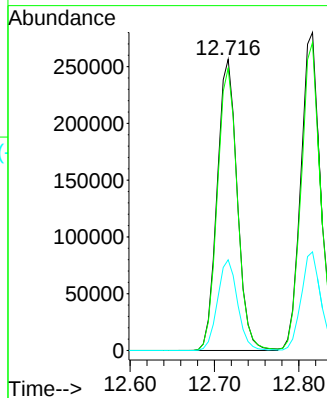
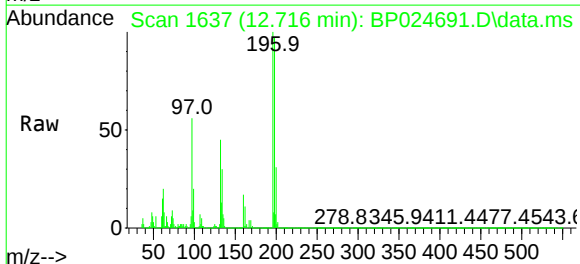
Tgt Ion:196 Resp: 423991

Ion Ratio Lower Upper

196 100

198 96.9 76.9 115.3

200 31.2 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 49.176 ng

RT: 12.816 min Scan# 1654

Delta R.T. 0.018 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:196 Resp: 467084

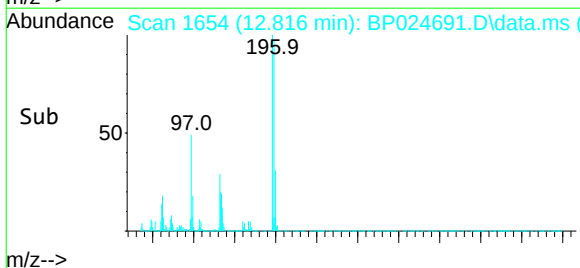
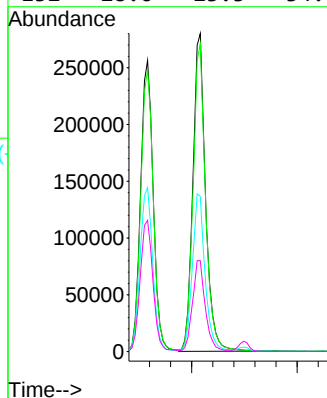
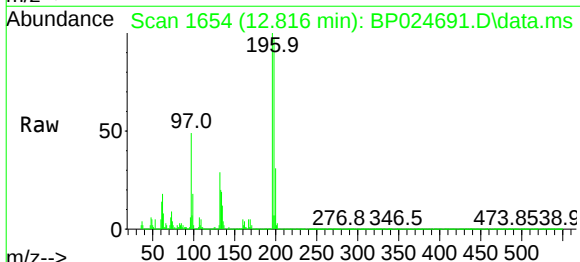
Ion Ratio Lower Upper

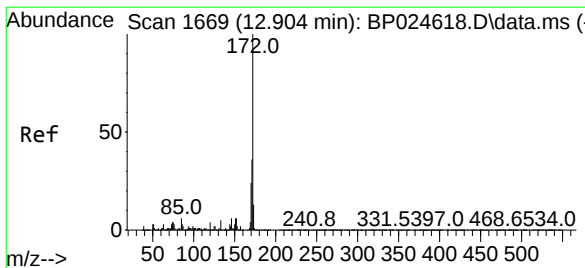
196 100

198 96.8 79.2 118.8

97 48.8 42.3 63.5

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 63.768 ng

RT: 12.899 min Scan# 16

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

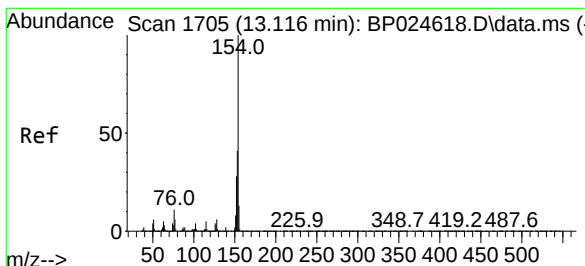
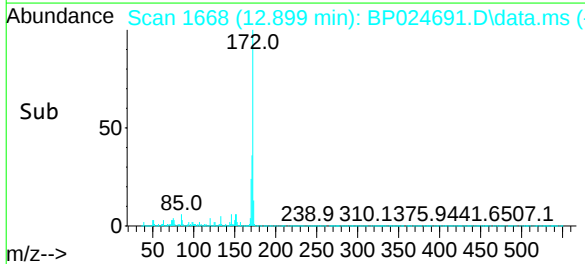
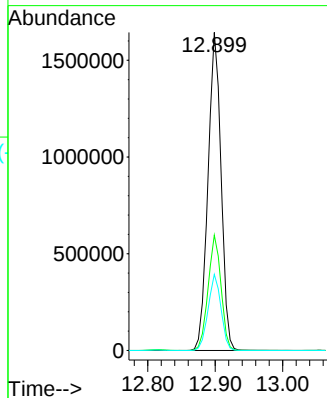
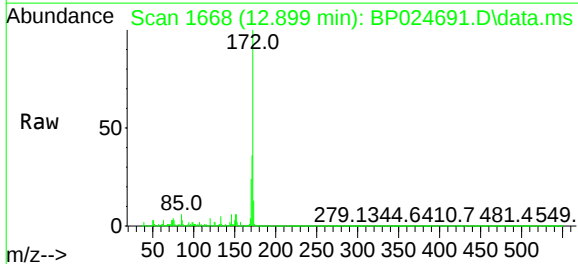
Tgt Ion:172 Resp: 2208156

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.214 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

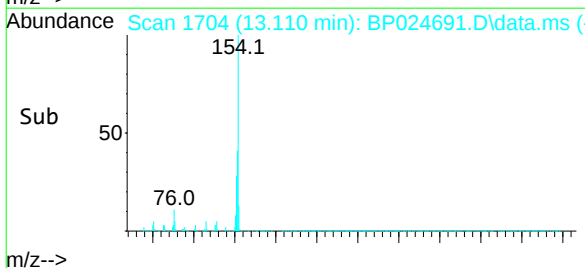
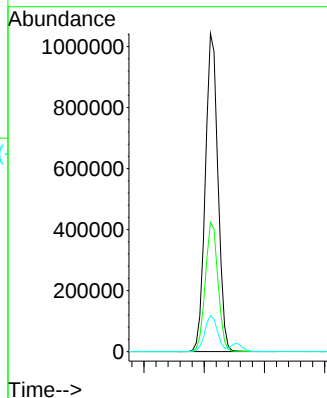
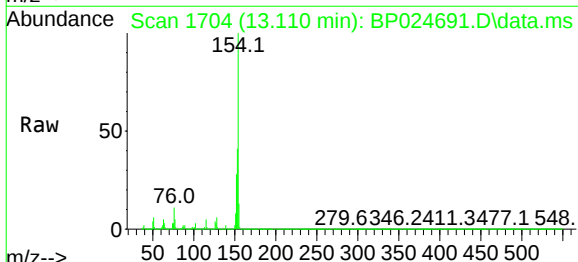
Tgt Ion:154 Resp: 1516077

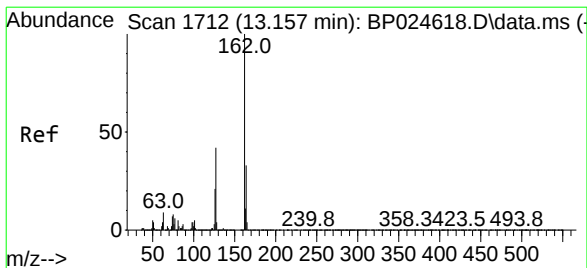
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 11.3 0.0 31.5





#47

2-Chloronaphthalene

Concen: 44.949 ng

RT: 13.152 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

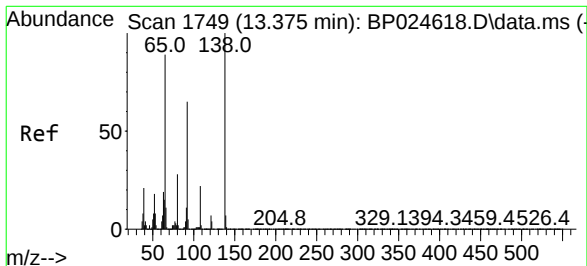
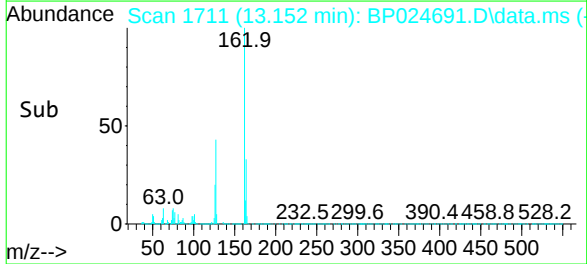
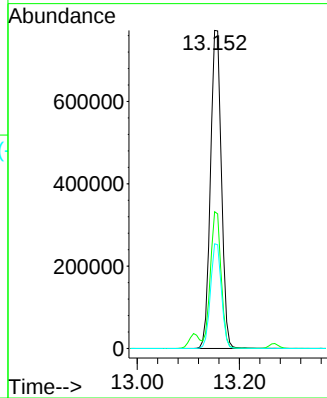
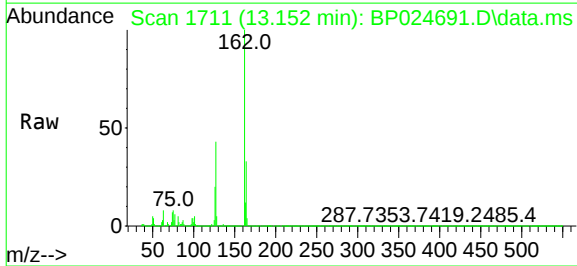
Tgt Ion:162 Resp: 1149183

Ion Ratio Lower Upper

162 100

127 43.0 33.8 50.6

164 32.9 26.0 39.0



#48

2-Nitroaniline

Concen: 46.362 ng

RT: 13.375 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

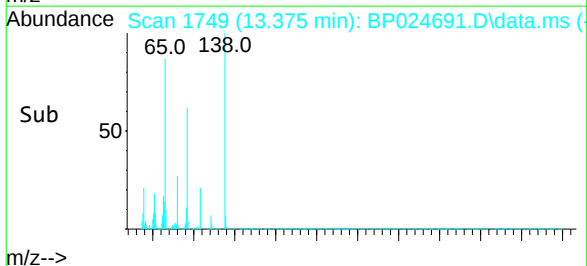
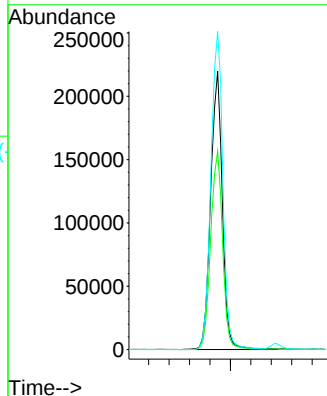
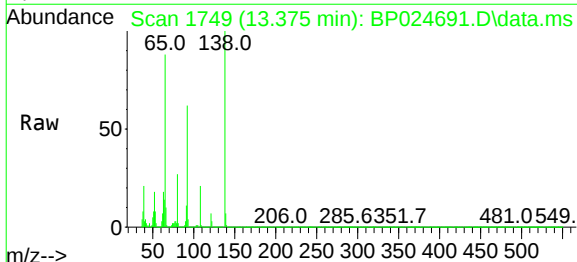
Tgt Ion: 65 Resp: 350924

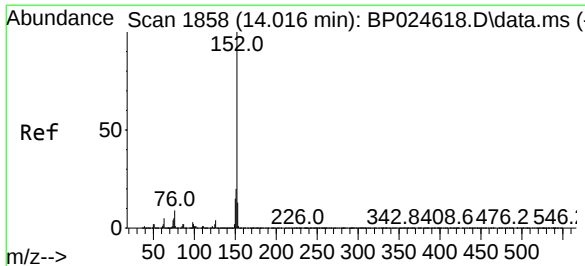
Ion Ratio Lower Upper

65 100

92 71.3 58.7 88.1

138 114.3 90.2 135.2





#49

Acenaphthylene

Concen: 45.115 ng

RT: 14.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BP024691.D

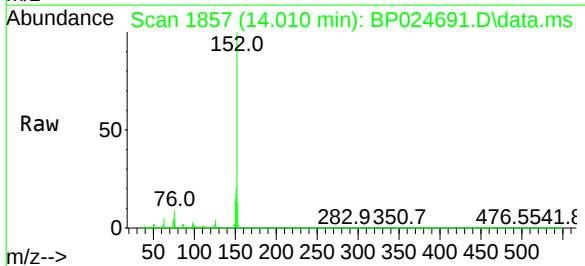
Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS



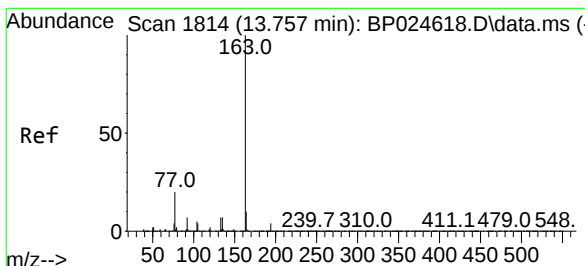
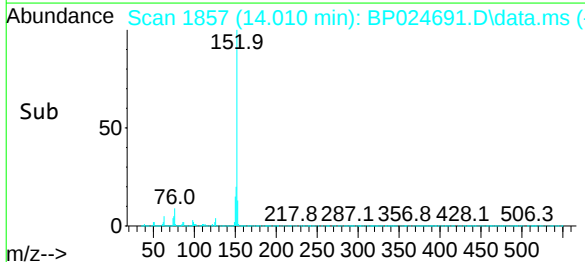
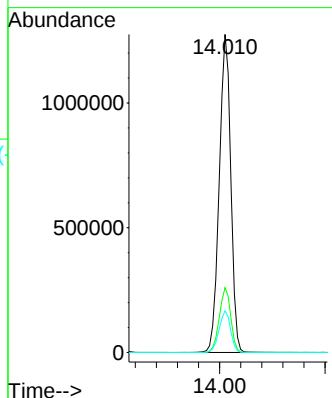
Tgt Ion:152 Resp: 1930240

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 44.706 ng

RT: 13.752 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

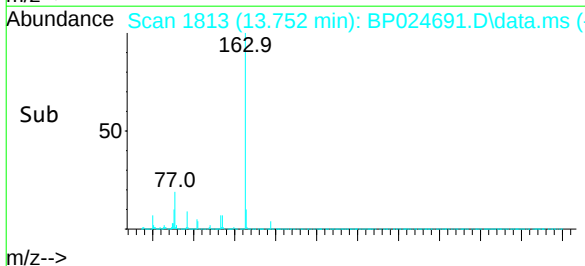
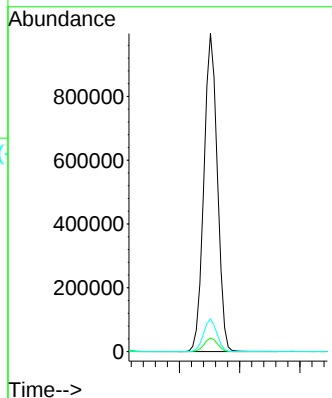
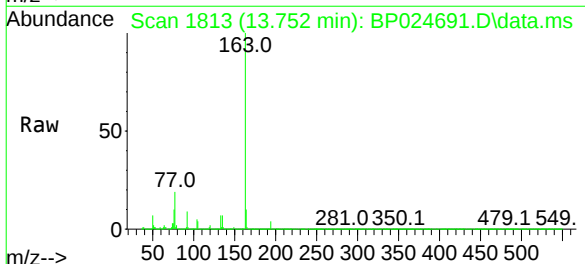
Tgt Ion:163 Resp: 1545880

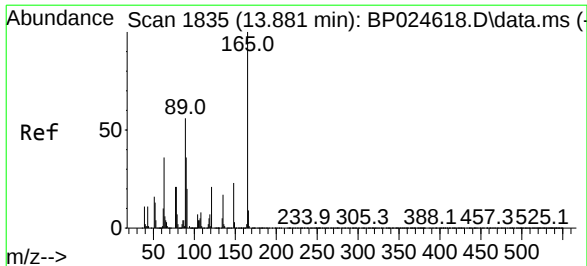
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.1 12.1

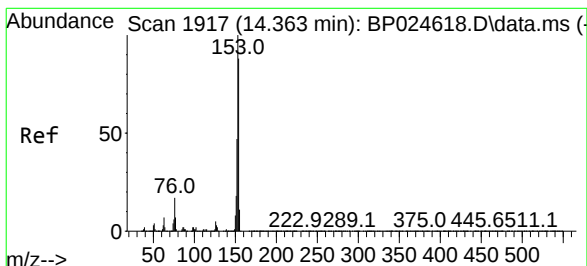
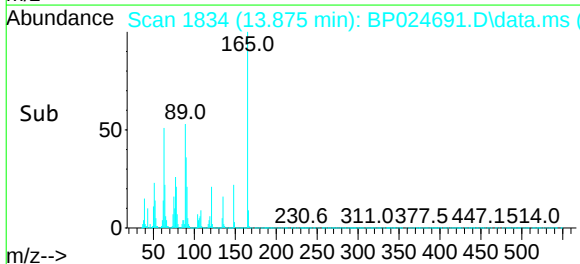
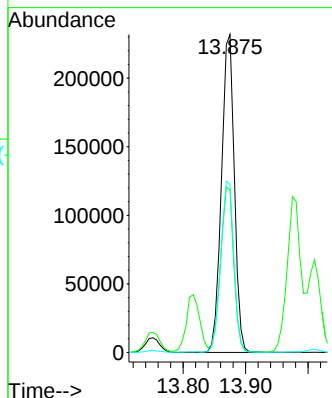
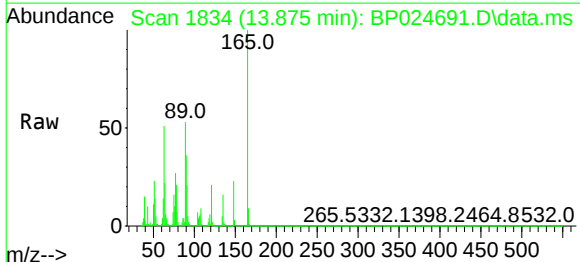




#51
2,6-Dinitrotoluene
Concen: 45.465 ng
RT: 13.875 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

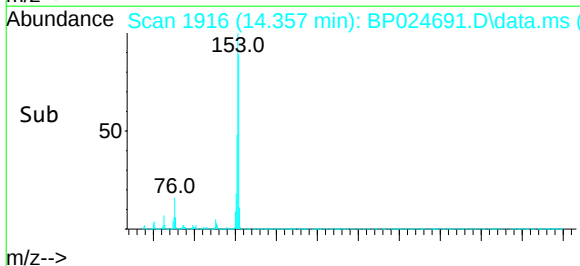
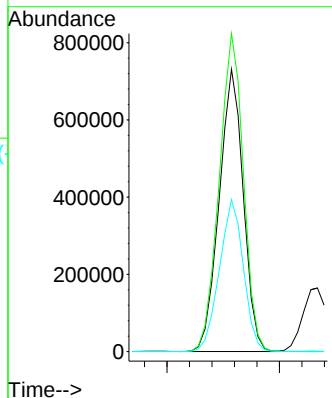
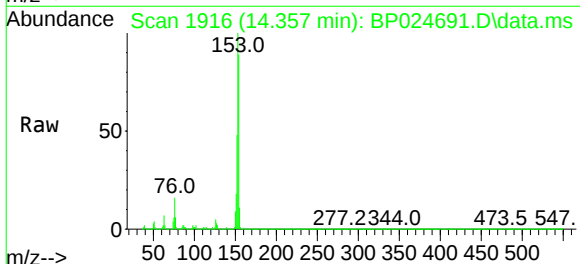
Instrument :
BNA_P
ClientSampleId :
TP-24MS

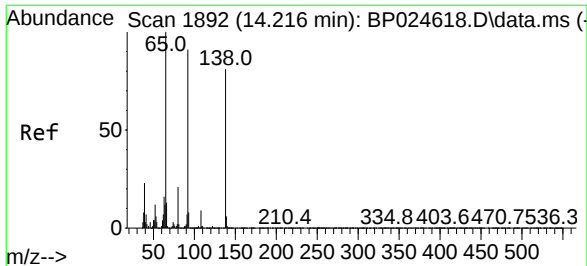
Tgt Ion:165 Resp: 332024
Ion Ratio Lower Upper
165 100
63 51.0 42.4 63.6
89 52.8 44.8 67.2



#52
Acenaphthene
Concen: 44.156 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion:154 Resp: 1086088
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.8 42.9 64.3





#53

3-Nitroaniline

Concen: 30.511 ng

RT: 14.216 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

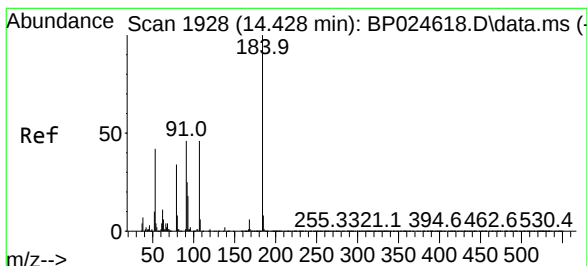
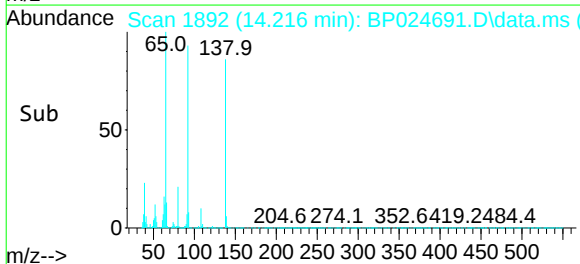
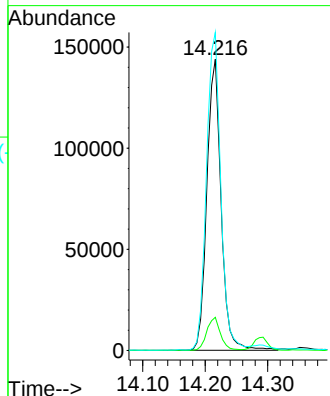
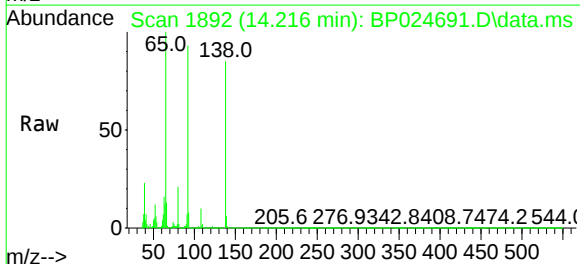
Instrument :

BNA_P

ClientSampleId :

TP-24MS

Tgt Ion:	138	Resp:	227513
Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	109.2	90.1	135.1



#54

2,4-Dinitrophenol

Concen: 90.400 ng

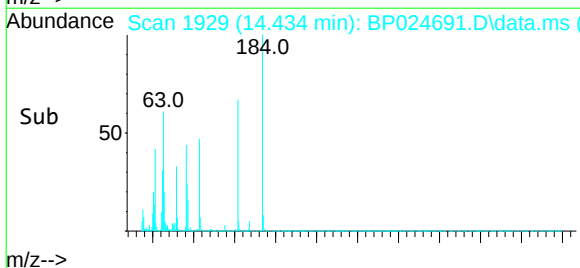
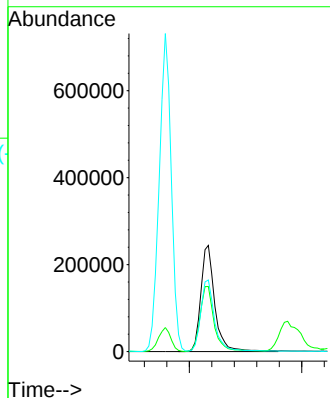
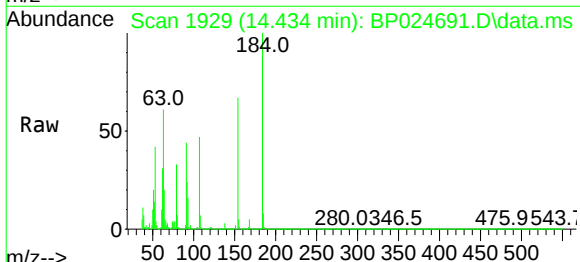
RT: 14.434 min Scan# 1929

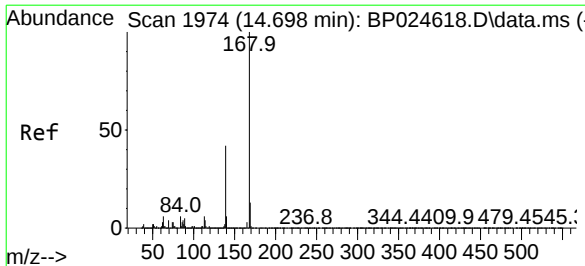
Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:	184	Resp:	420465
Ion	Ratio	Lower	Upper
184	100		
63	61.3	51.3	76.9
154	67.4	53.5	80.3





#55

Dibenzenofuran

Concen: 44.065 ng

RT: 14.698 min Scan# 19

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

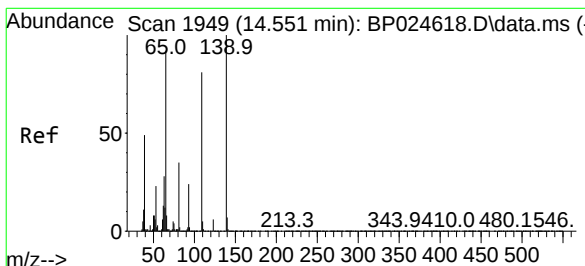
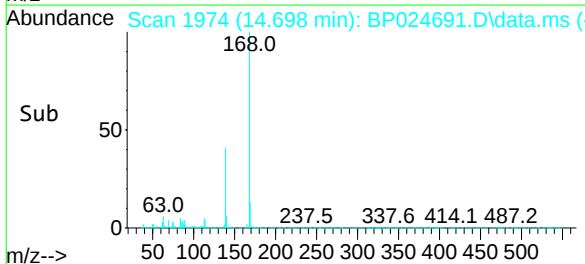
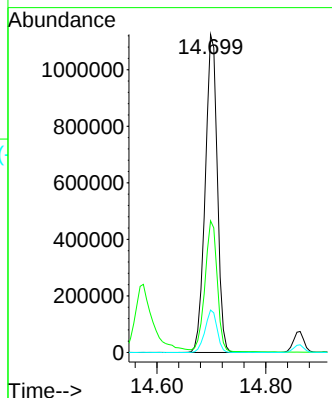
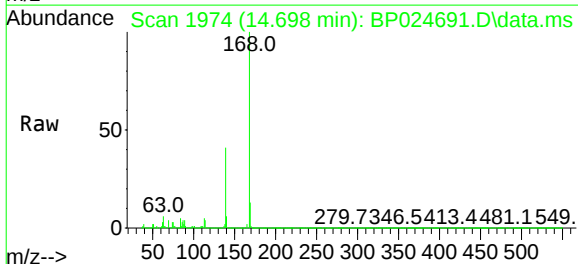
Tgt Ion:168 Resp: 1728804

Ion Ratio Lower Upper

168 100

139 41.4 34.2 51.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 86.954 ng

RT: 14.575 min Scan# 1953

Delta R.T. 0.024 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

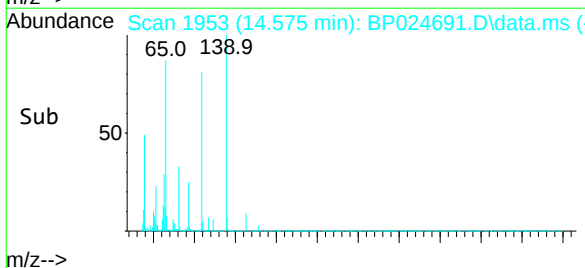
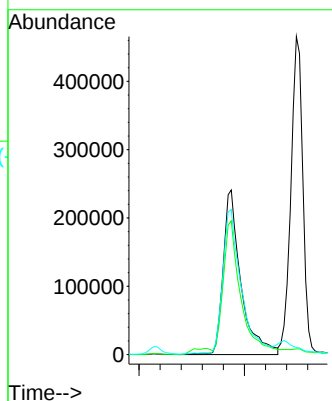
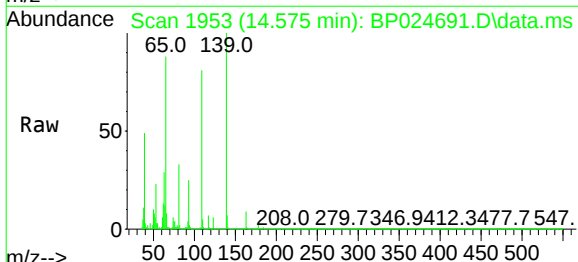
Tgt Ion:139 Resp: 563852

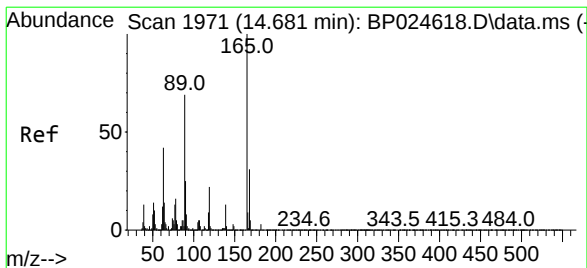
Ion Ratio Lower Upper

139 100

109 81.3 61.4 101.4

65 88.1 72.2 112.2

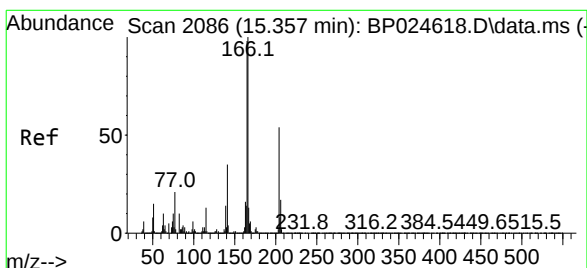
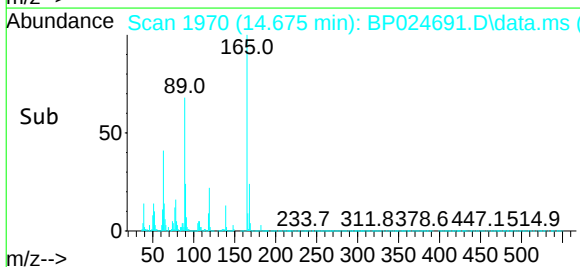
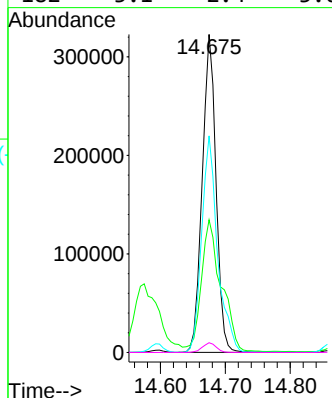
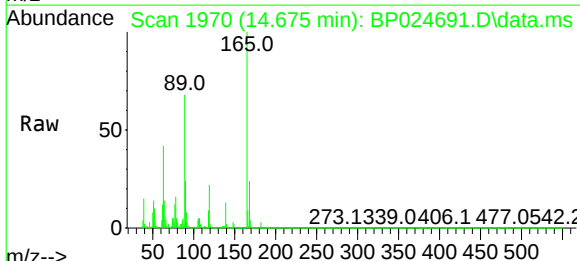




#57
2,4-Dinitrotoluene
Concen: 46.327 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

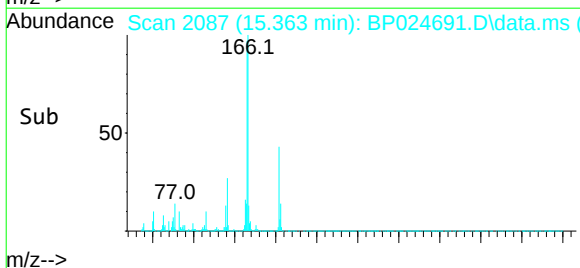
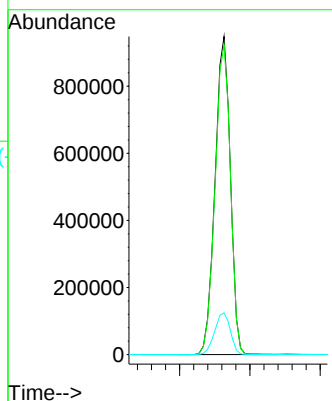
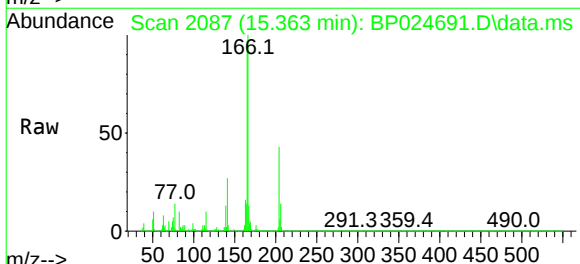
Instrument :
BNA_P
ClientSampleId :
TP-24MS

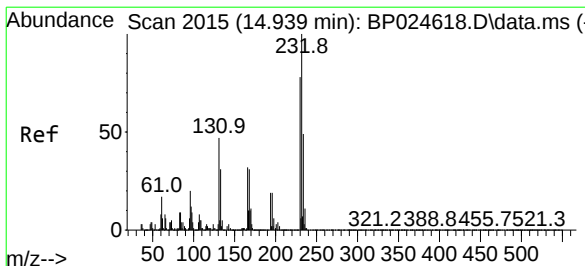
Tgt Ion:	165	Resp:	476970
Ion	Ratio	Lower	Upper
165	100		
63	41.7	33.8	50.6
89	68.1	55.6	83.4
182	3.1	2.4	3.6



#58
Fluorene
Concen: 44.854 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion:	166	Resp:	1434906
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.5	117.7
167	13.1	10.7	16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.980 ng

RT: 14.940 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP024691.D

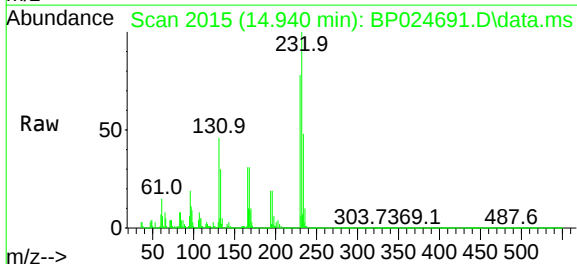
Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS



Tgt Ion:232 Resp: 413945

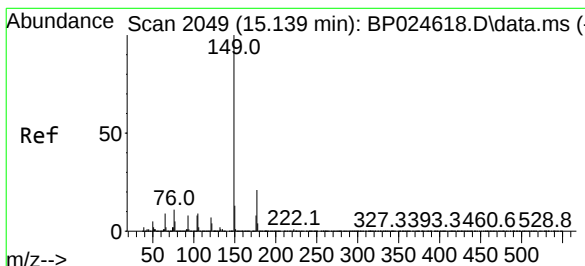
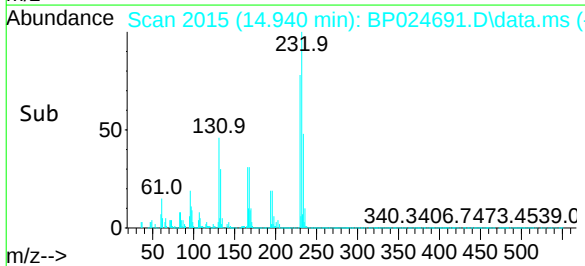
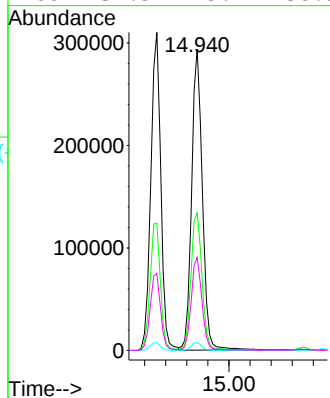
Ion Ratio Lower Upper

232 100

131 46.6 39.5 59.3

130 2.6 2.2 3.4

166 31.5 25.7 38.5



#60

Diethylphthalate

Concen: 45.027 ng

RT: 15.140 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

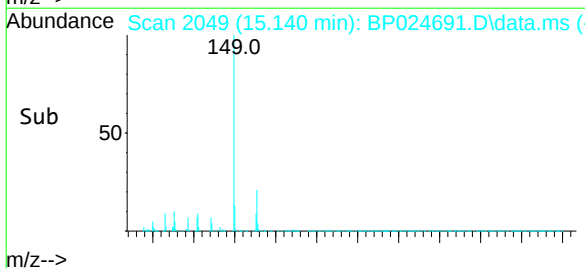
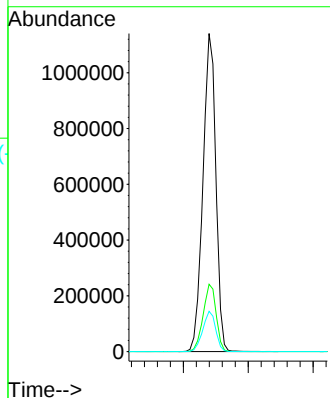
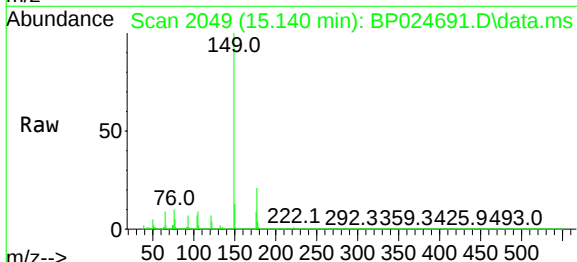
Tgt Ion:149 Resp: 1573648

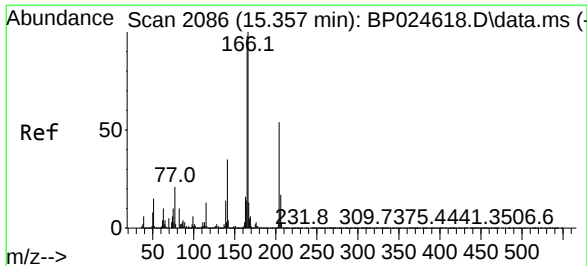
Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

150 12.7 10.2 15.2

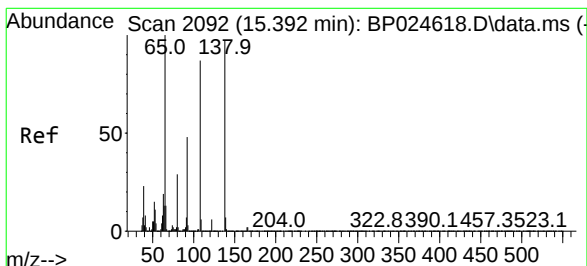
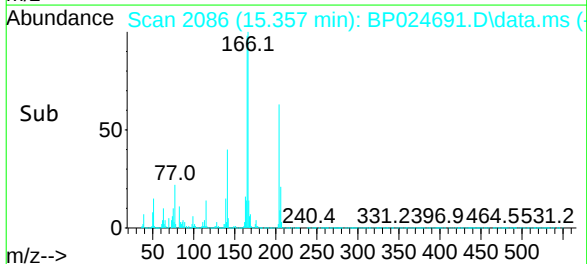
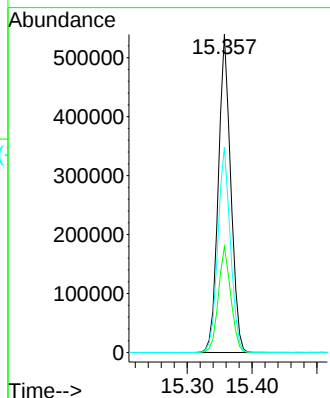
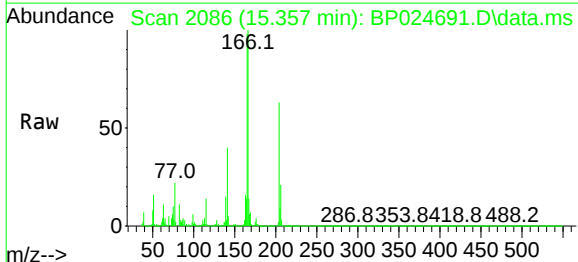




#61
4-Chlorophenyl-phenylether
Concen: 45.105 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

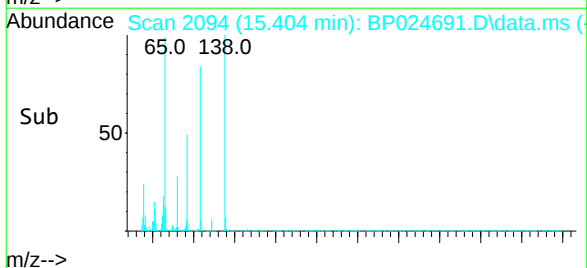
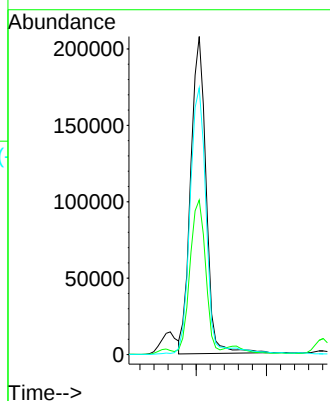
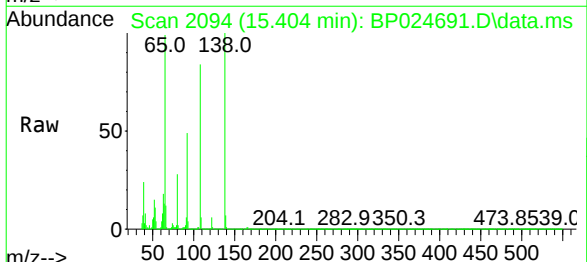
Instrument :
BNA_P
ClientSampleId :
TP-24MS

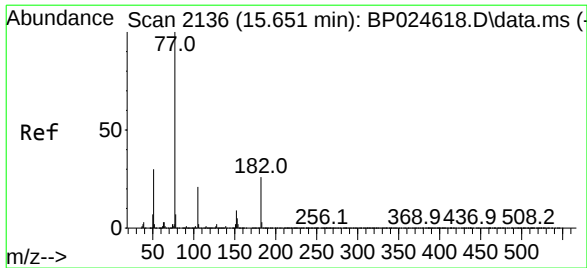
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	64.5	52.9	79.3



#62
4-Nitroaniline
Concen: 43.916 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.2	69.2
108	83.9	69.0	109.0





#63

Azobenzene

Concen: 44.148 ng

RT: 15.657 min Scan# 2136

Delta R.T. 0.006 min

Lab File: BP024691.D

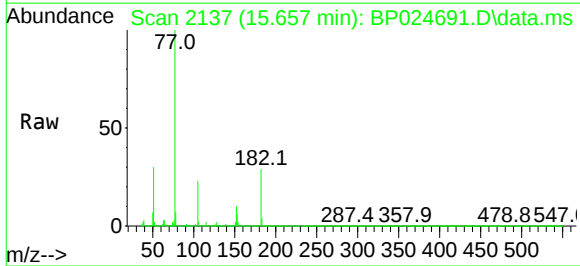
Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS



Tgt Ion: 77 Resp: 1319940

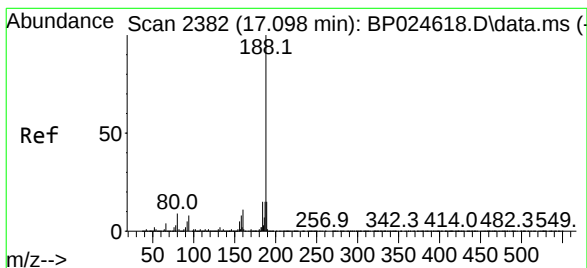
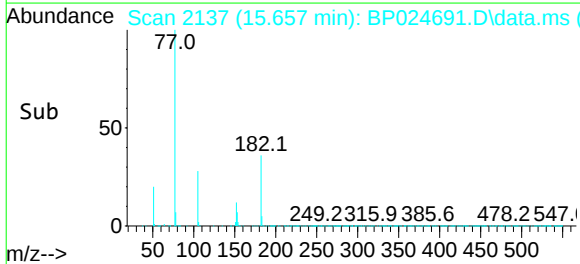
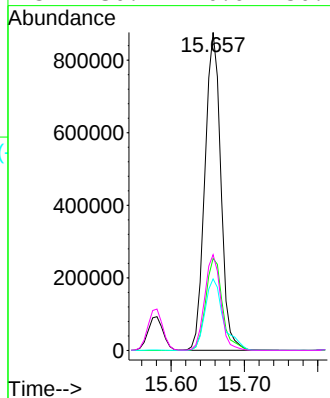
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

77	100		
----	-----	--	--

182	28.9	5.7	45.7
-----	------	-----	------

105	22.5	1.3	41.3
-----	------	-----	------

51	30.1	10.6	50.6
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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 2382

Delta R.T. 0.000 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

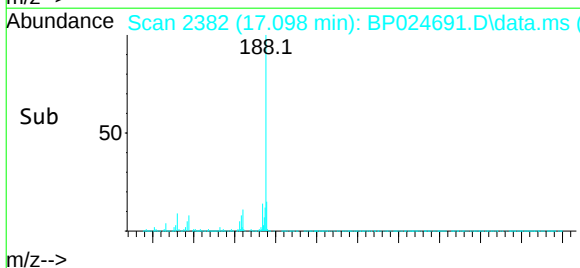
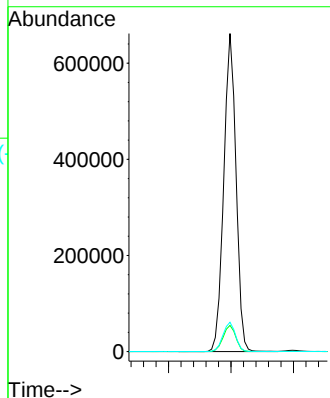
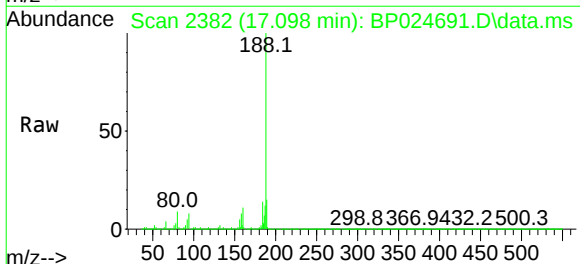
Tgt Ion: 188 Resp: 903382

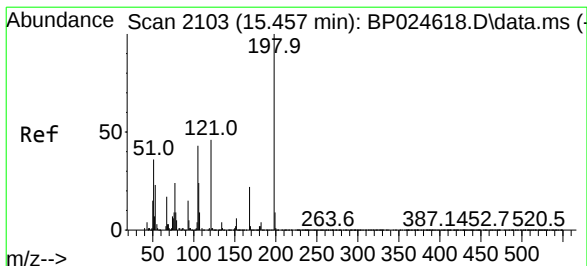
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

188	100		
-----	-----	--	--

94	8.2	6.5	9.7
----	-----	-----	-----

80	9.2	7.3	10.9
----	-----	-----	------

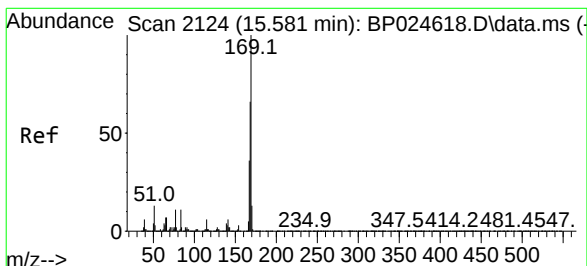
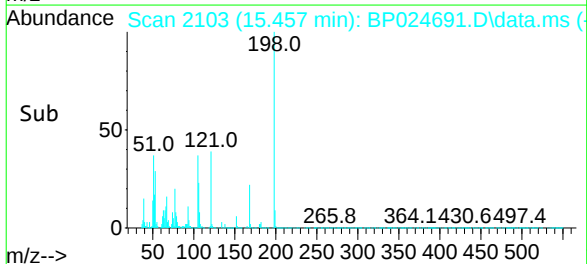
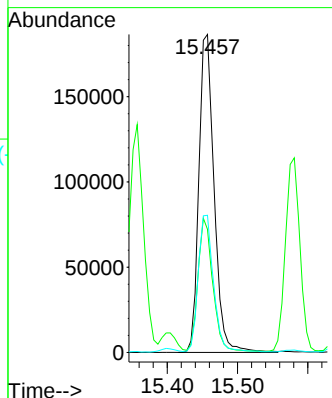
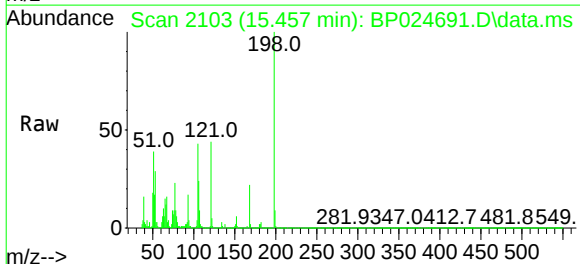




#65
4,6-Dinitro-2-methylphenol
Concen: 48.170 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

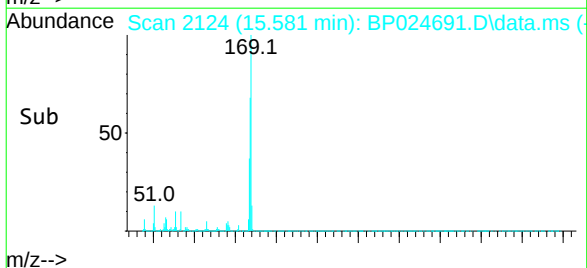
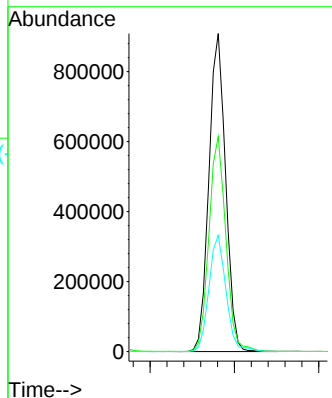
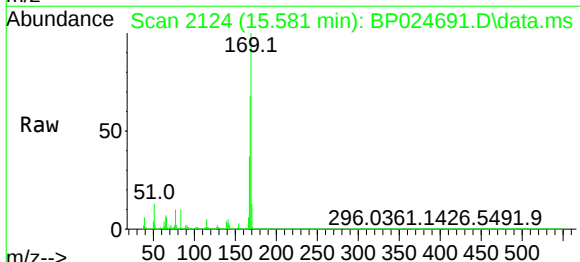
Instrument :
BNA_P
ClientSampleId :
TP-24MS

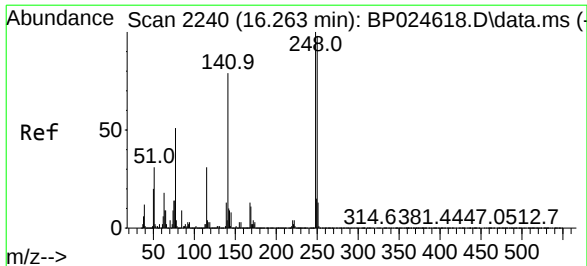
Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.7	21.1	61.1
105	43.1	23.6	63.6



#66
n-Nitrosodiphenylamine
Concen: 45.060 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	36.5	28.6	43.0





#67

4-Bromophenyl-phenylether

Concen: 46.441 ng

RT: 16.269 min Scan# 2240

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

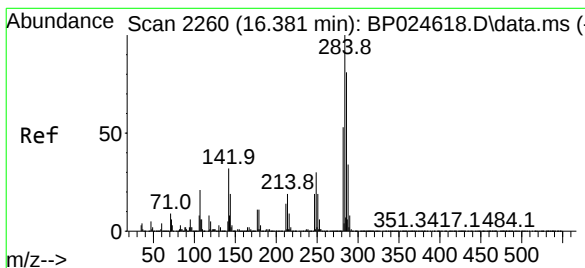
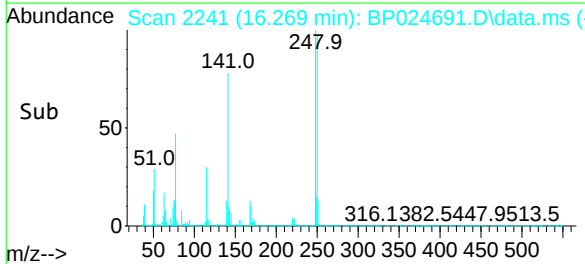
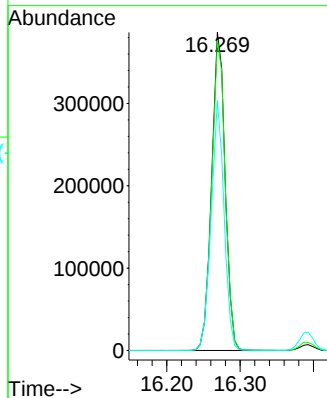
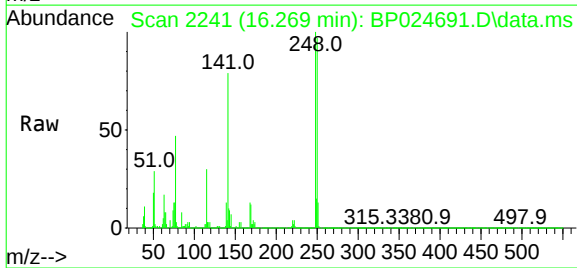
Tgt Ion:248 Resp: 494366

Ion Ratio Lower Upper

248 100

250 97.5 78.2 117.4

141 78.6 63.0 94.6



#68

Hexachlorobenzene

Concen: 45.180 ng

RT: 16.393 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

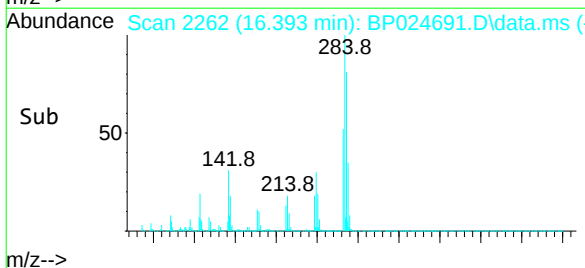
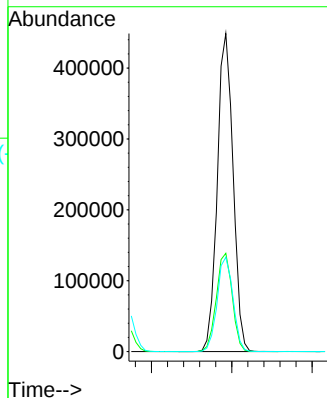
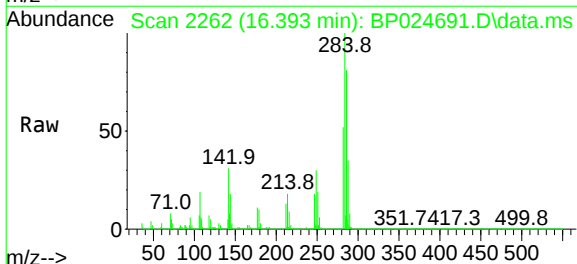
Tgt Ion:284 Resp: 611127

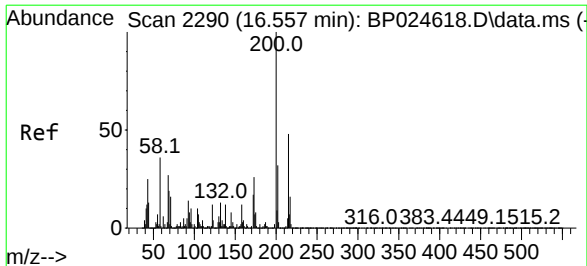
Ion Ratio Lower Upper

284 100

142 30.9 25.9 38.9

249 29.7 24.1 36.1





#69

Atrazine

Concen: 47.135 ng

RT: 16.563 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

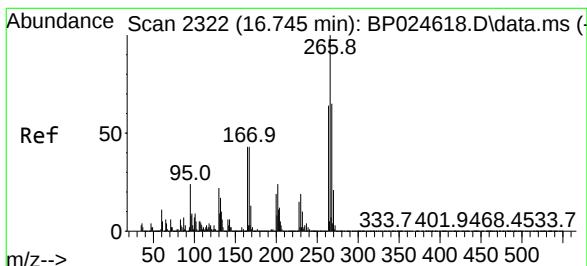
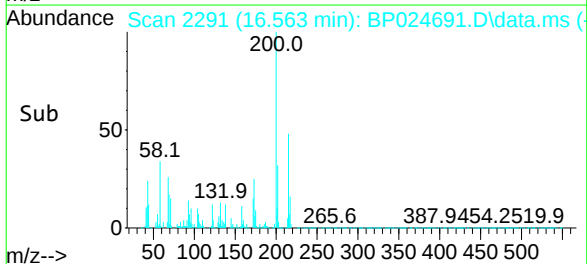
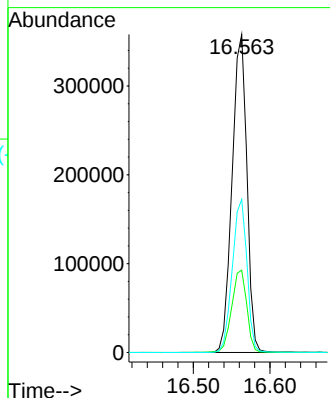
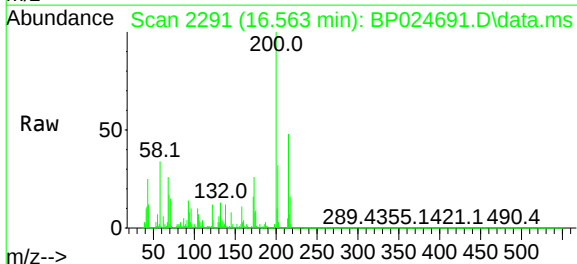
Tgt Ion:200 Resp: 479320

Ion Ratio Lower Upper

200 100

173 25.9 5.9 45.9

215 48.1 28.3 68.3



#70

Pentachlorophenol

Concen: 104.158 ng

RT: 16.757 min Scan# 2324

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

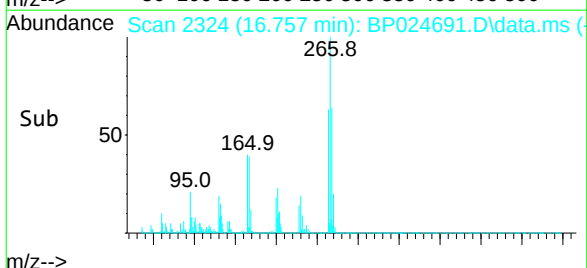
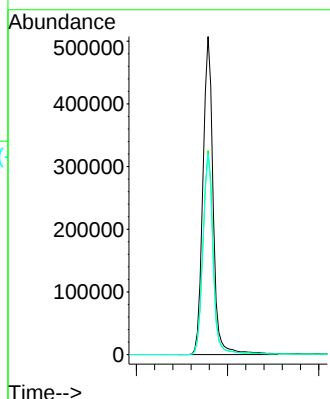
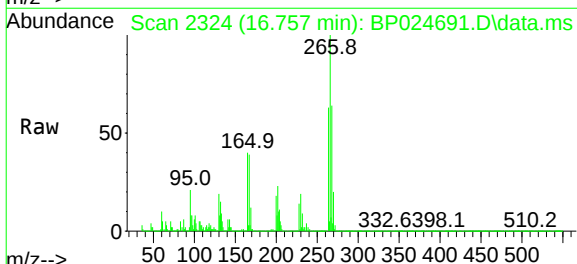
Tgt Ion:266 Resp: 790871

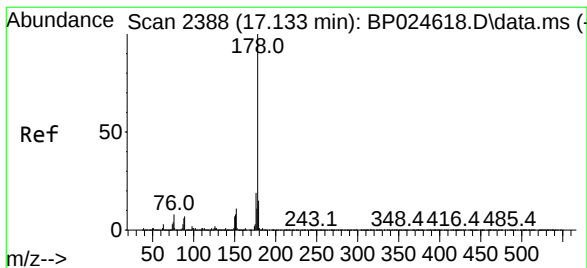
Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.4

264 63.0 51.1 76.7





#71

Phenanthrene

Concen: 44.569 ng

RT: 17.140 min Scan# 2388

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

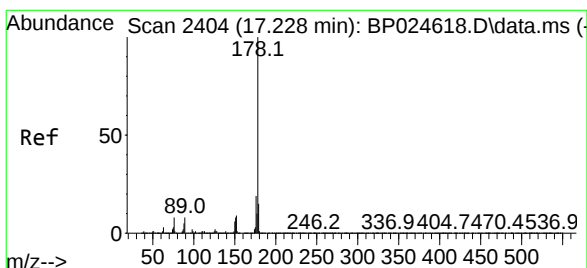
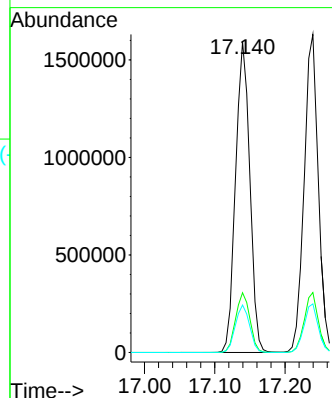
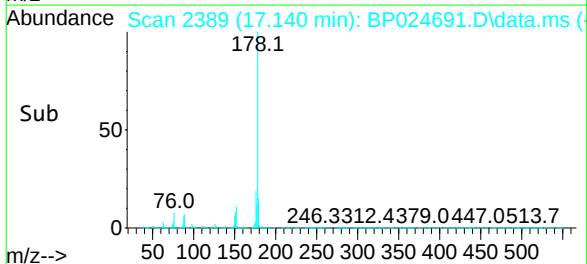
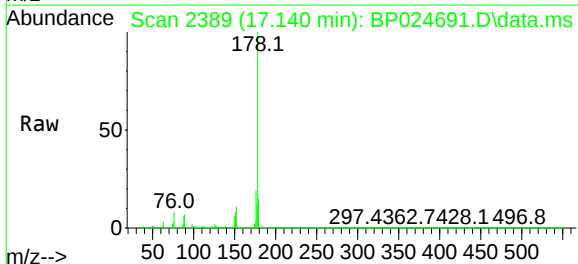
Tgt Ion:178 Resp: 2238272

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.309 ng

RT: 17.240 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

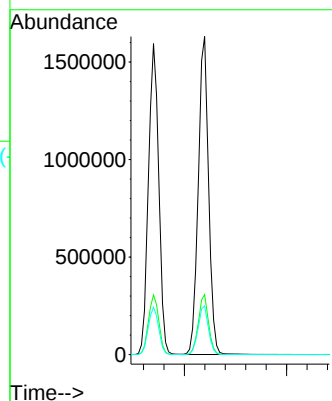
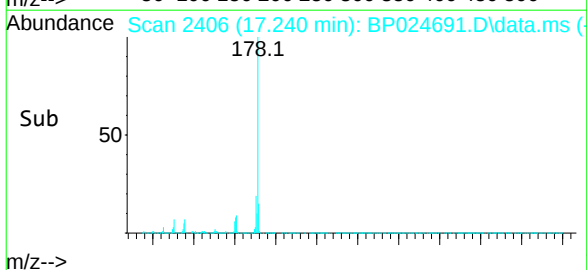
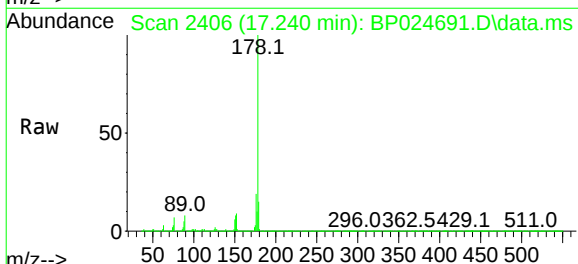
Tgt Ion:178 Resp: 2289362

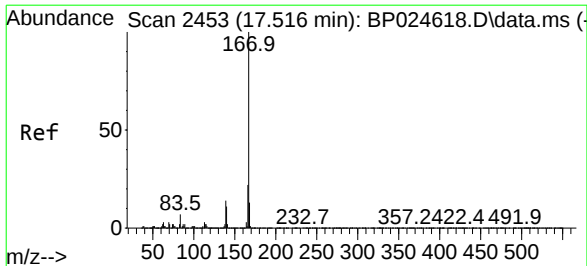
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.3 12.2 18.2





#73

Carbazole

Concen: 46.997 ng

RT: 17.522 min Scan# 2454

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

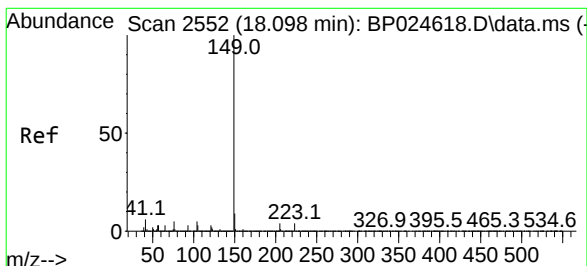
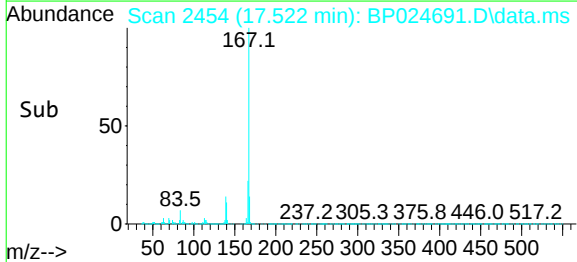
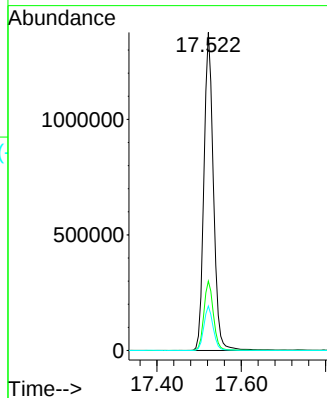
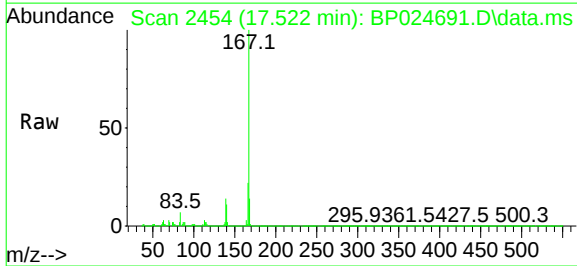
Tgt Ion:167 Resp: 2149286

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 48.196 ng

RT: 18.110 min Scan# 2554

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

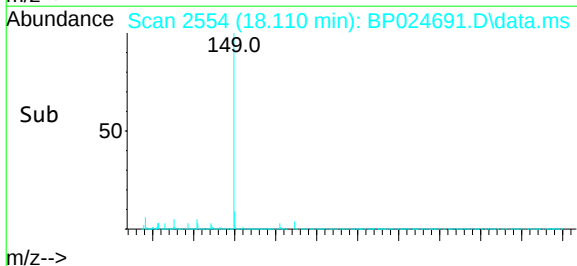
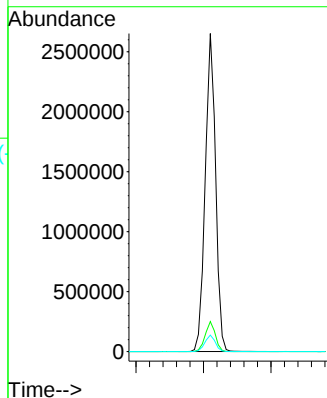
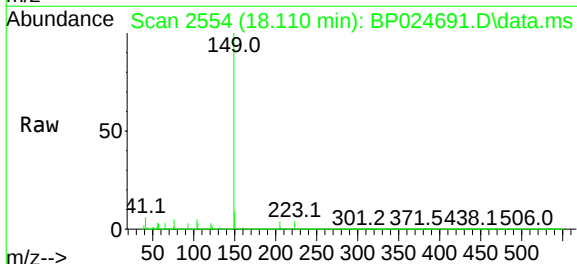
Tgt Ion:149 Resp: 2834682

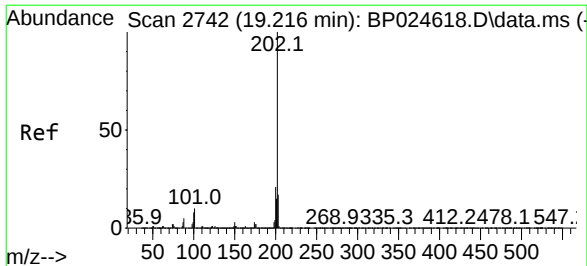
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.2 4.3 6.5

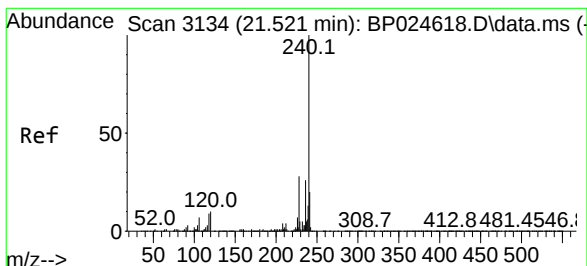
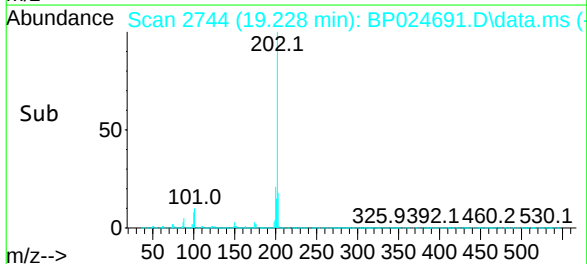
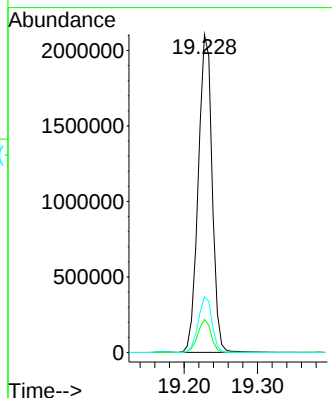
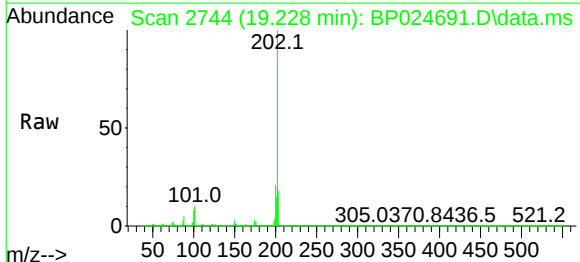




#75
Fluoranthene
Concen: 47.045 ng
RT: 19.228 min Scan# 2744
Delta R.T. 0.012 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

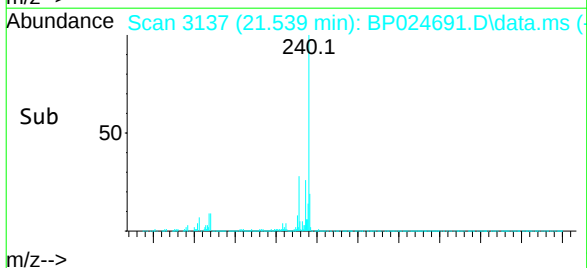
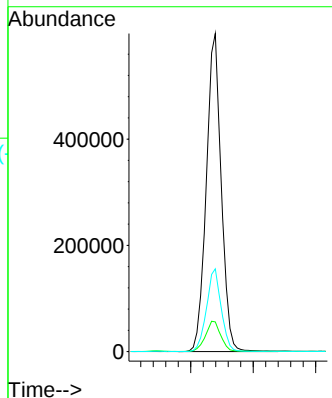
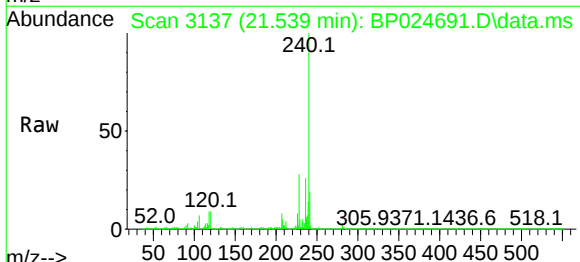
Instrument :
BNA_P
ClientSampleId :
TP-24MS

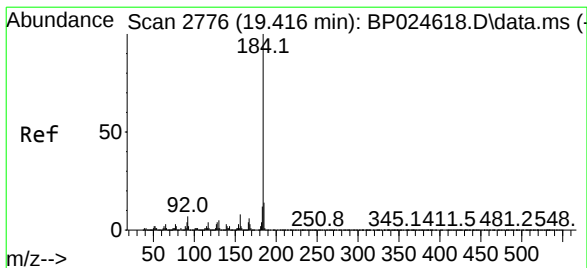
Tgt Ion:202 Resp: 2761747
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.3
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3137
Delta R.T. 0.018 min
Lab File: BP024691.D
Acq: 19 May 2025 16:16

Tgt Ion:240 Resp: 992797
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 26.0 20.6 31.0





#77

Benzidine

Concen: 43.416 ng

RT: 19.445 min Scan# 2776

Delta R.T. 0.029 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

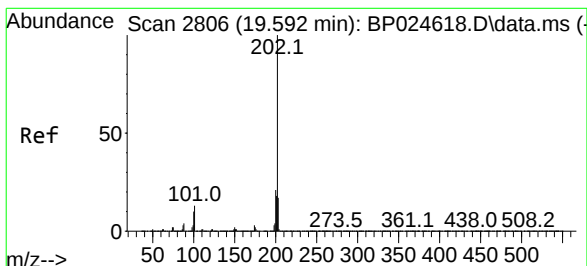
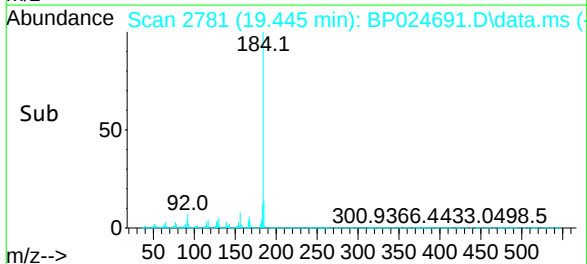
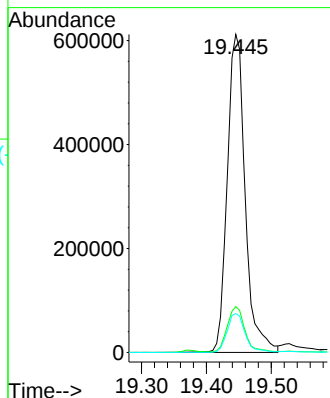
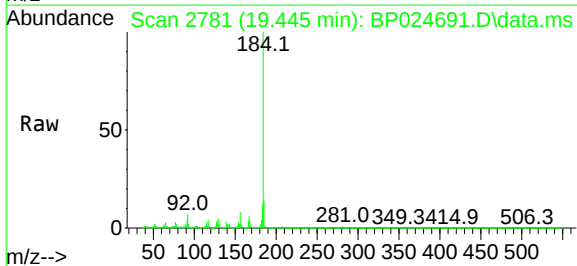
Tgt Ion:184 Resp: 1173958

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

183 12.2 9.8 14.8



#78

Pyrene

Concen: 46.527 ng

RT: 19.604 min Scan# 2808

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

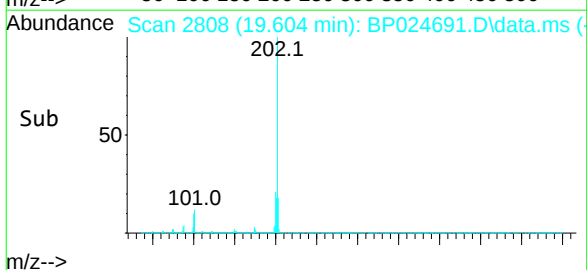
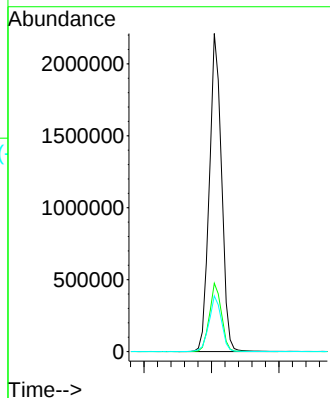
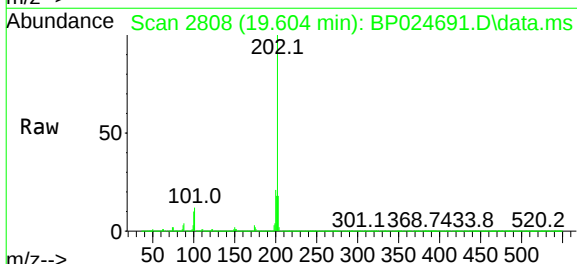
Tgt Ion:202 Resp: 2767694

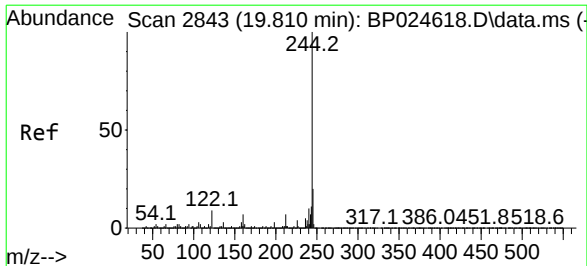
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.5 13.9 20.9

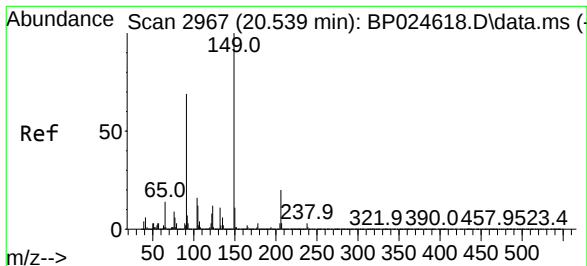
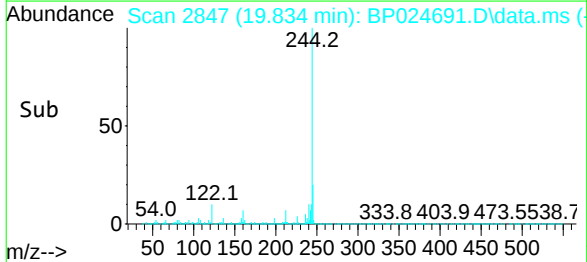
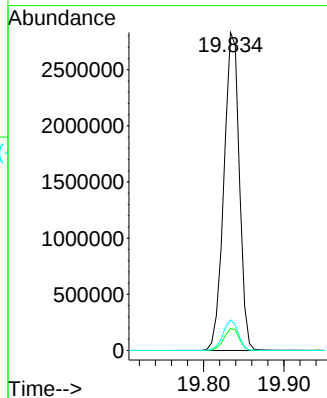
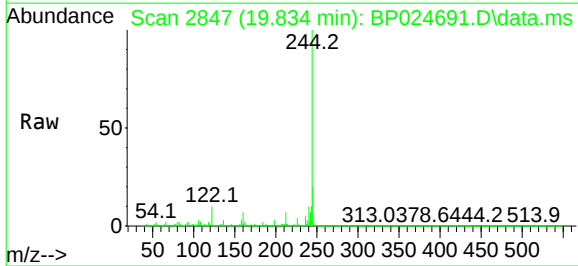




#79
 Terphenyl-d14
 Concen: 65.315 ng
 RT: 19.834 min Scan# 2847
 Delta R.T. 0.024 min
 Lab File: BP024691.D
 Acq: 19 May 2025 16:16

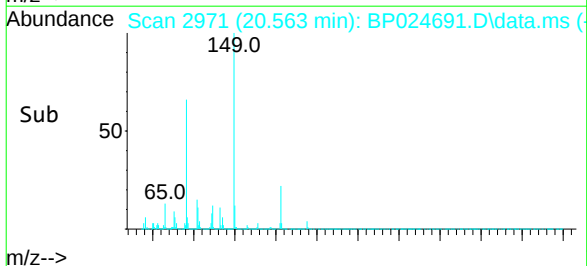
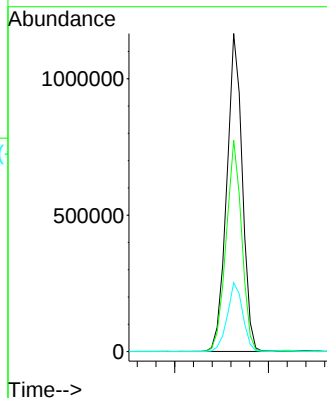
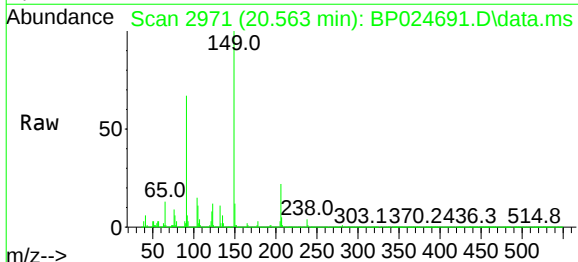
Instrument :
 BNA_P
 ClientSampleId :
 TP-24MS

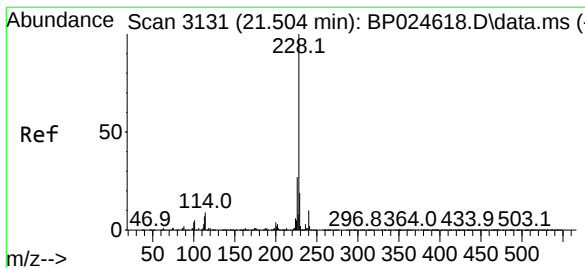
Tgt Ion:244 Resp: 3781697
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.6 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 50.636 ng
 RT: 20.563 min Scan# 2971
 Delta R.T. 0.024 min
 Lab File: BP024691.D
 Acq: 19 May 2025 16:16

Tgt Ion:149 Resp: 1339615
 Ion Ratio Lower Upper
 149 100
 91 66.5 55.4 83.0
 206 21.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.371 ng

RT: 21.516 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

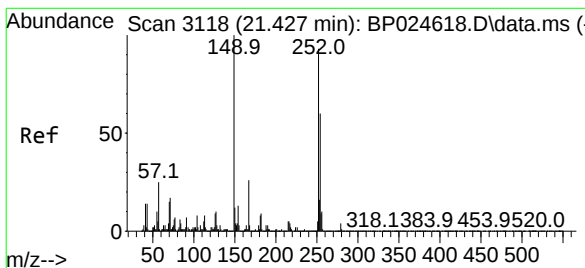
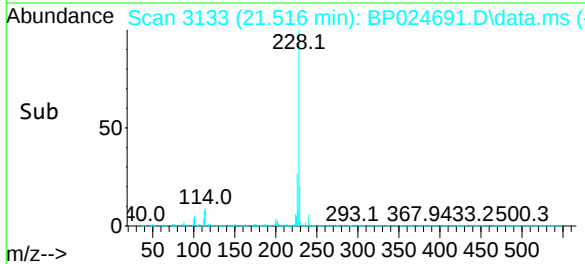
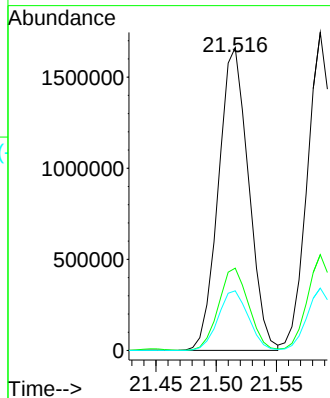
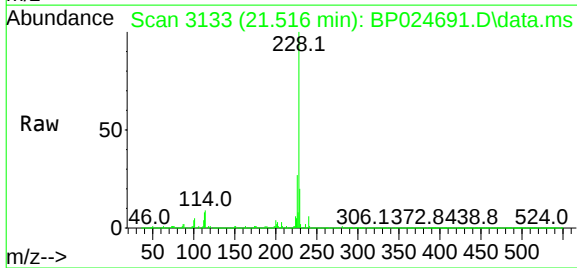
Tgt Ion:228 Resp: 2890751

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 35.398 ng

RT: 21.445 min Scan# 3121

Delta R.T. 0.018 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

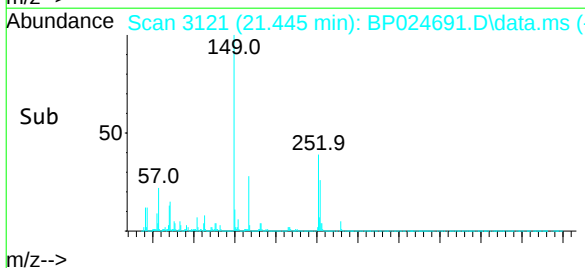
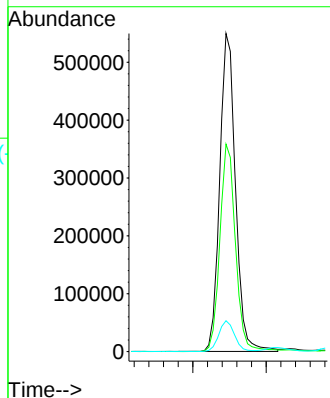
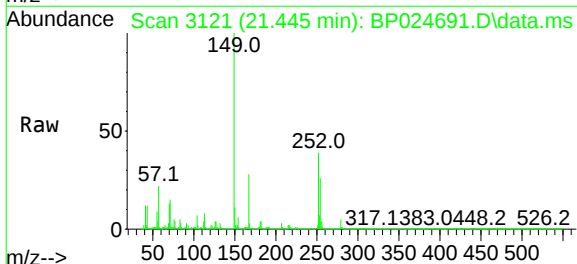
Tgt Ion:252 Resp: 819615

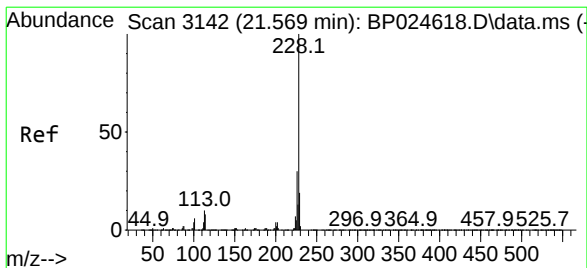
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 9.7 7.7 11.5





#83

Chrysene

Concen: 45.631 ng

RT: 21.586 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

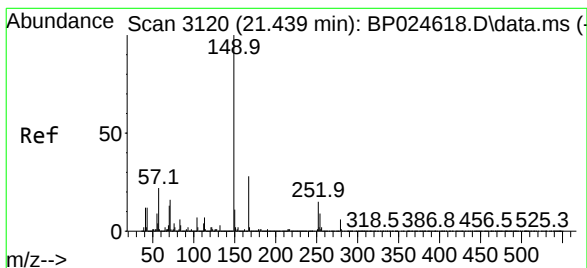
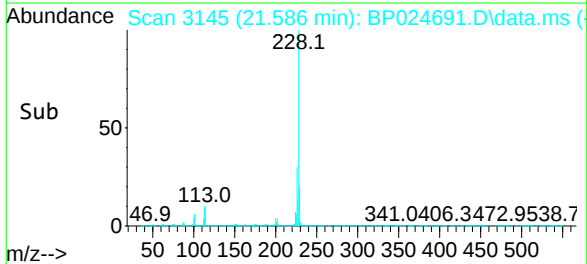
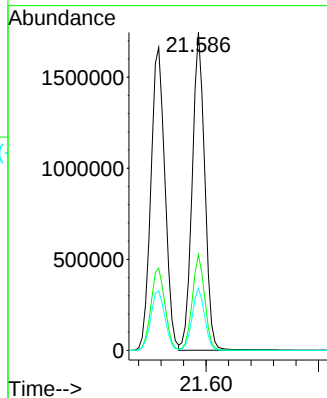
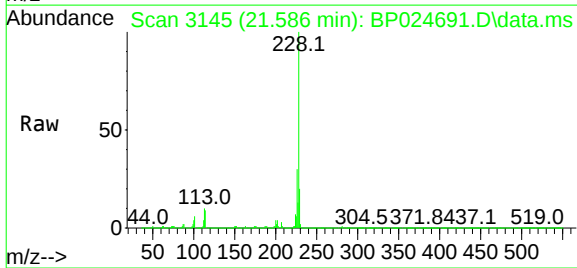
BNA_P

ClientSampleId :

TP-24MS

Tgt Ion:228 Resp: 2696533

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.6	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.222 ng

RT: 21.451 min Scan# 3122

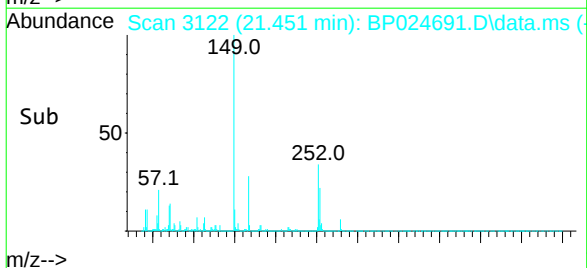
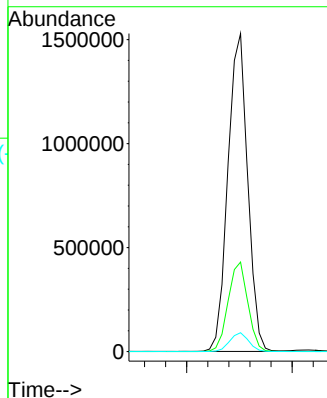
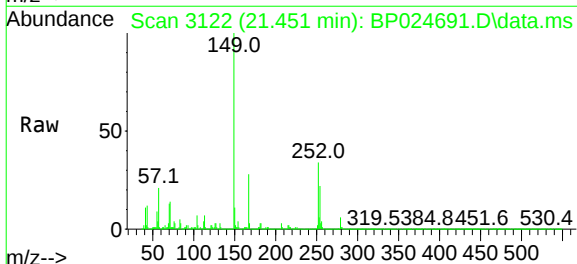
Delta R.T. 0.012 min

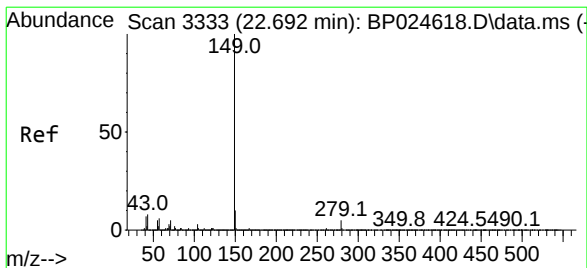
Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:149 Resp: 1991784

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	5.9	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 53.790 ng

RT: 22.698 min Scan# 33

Delta R.T. 0.006 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

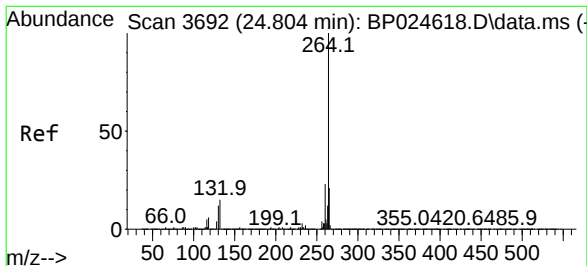
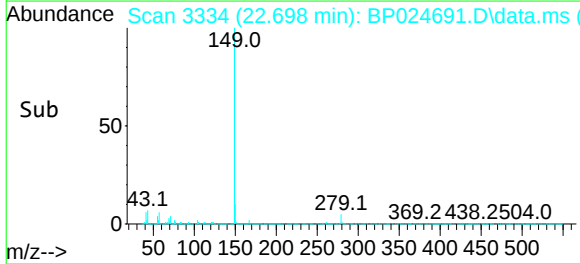
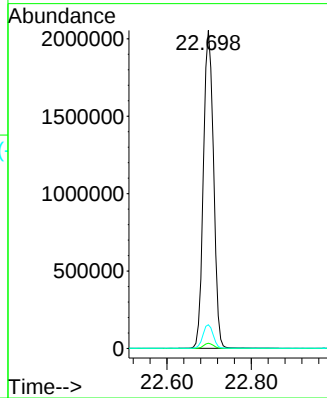
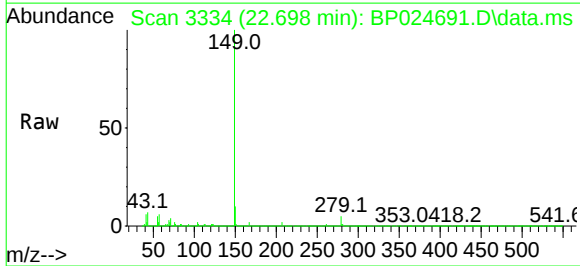
Tgt Ion:149 Resp: 3420415

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.827 min Scan# 3696

Delta R.T. 0.024 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

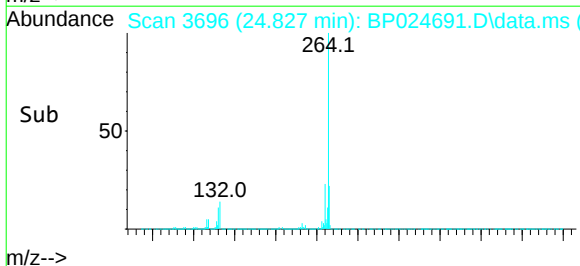
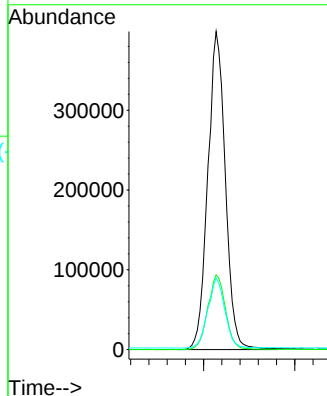
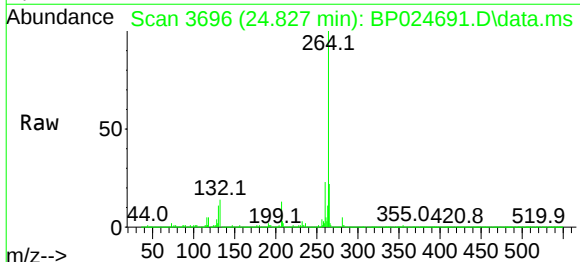
Tgt Ion:264 Resp: 1067591

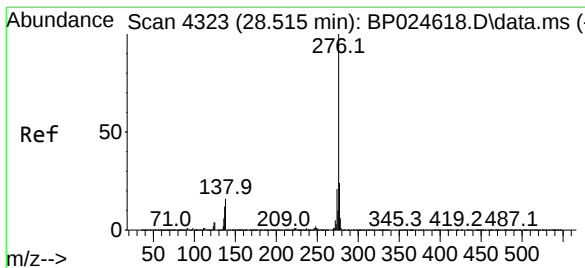
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.301 ng

RT: 28.568 min Scan# 43

Delta R.T. 0.053 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

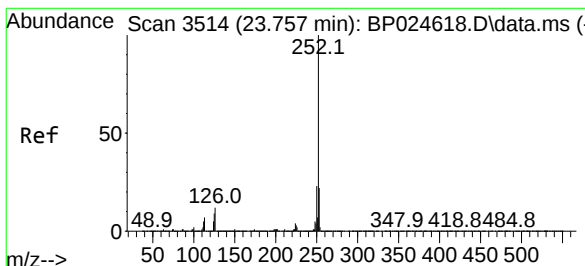
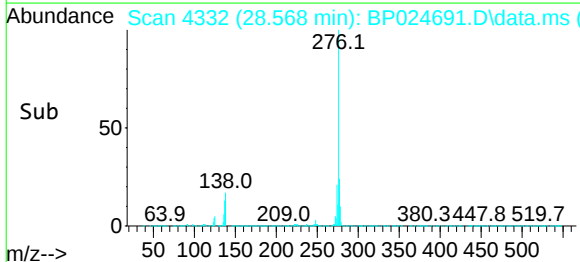
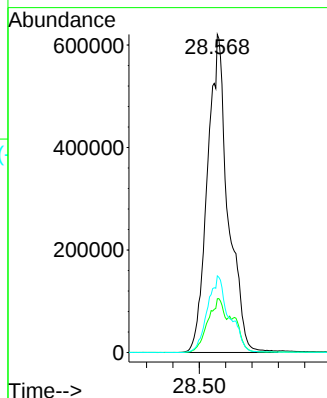
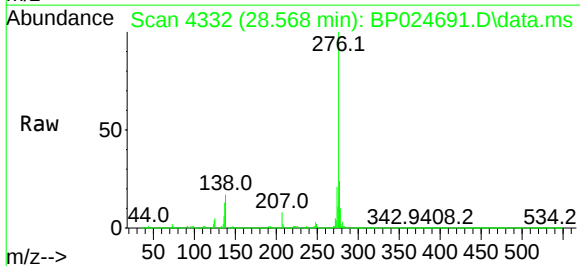
BNA_P

ClientSampleId :

TP-24MS

Tgt Ion:276 Resp: 3374918

Ion	Ratio	Lower	Upper
276	100		
138	13.7	11.2	16.8
277	25.4	15.7	23.5



#88

Benzo(b)fluoranthene

Concen: 46.504 ng

RT: 23.780 min Scan# 3518

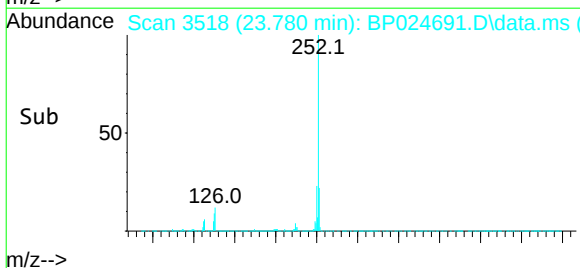
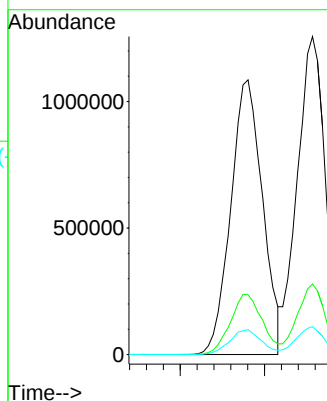
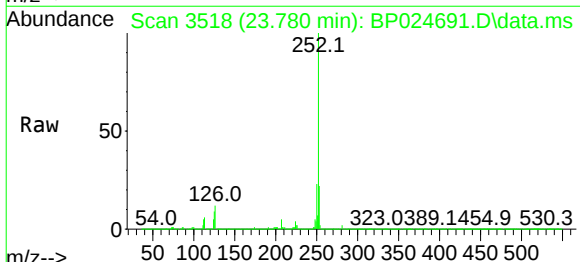
Delta R.T. 0.024 min

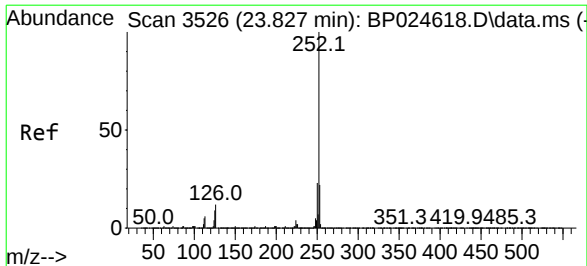
Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:252 Resp: 2841716

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.1	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 46.834 ng

RT: 23.857 min Scan# 3526

Delta R.T. 0.030 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS

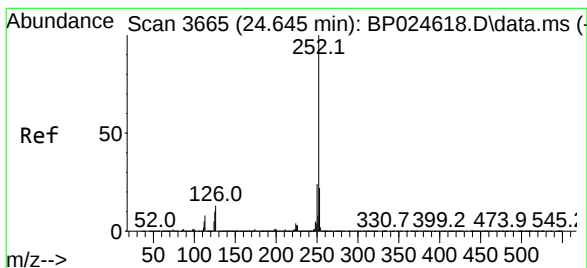
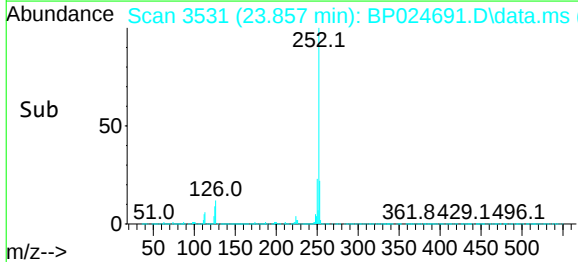
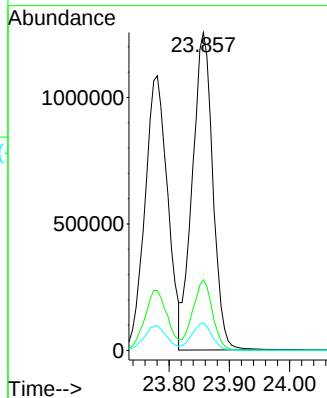
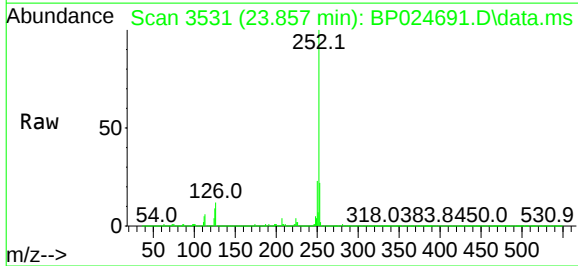
Tgt Ion:252 Resp: 2948981

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.700 ng

RT: 24.686 min Scan# 3672

Delta R.T. 0.041 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

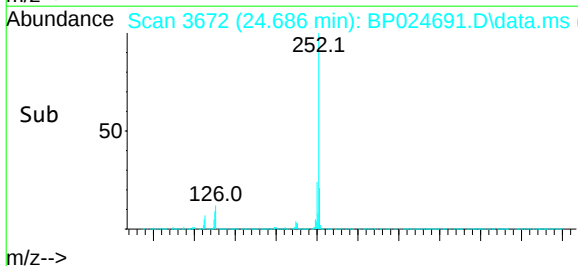
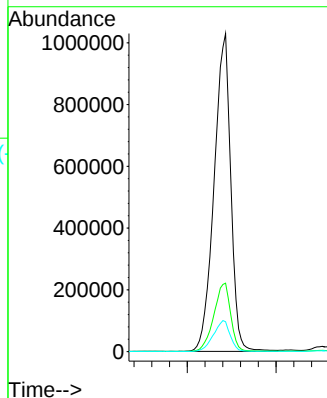
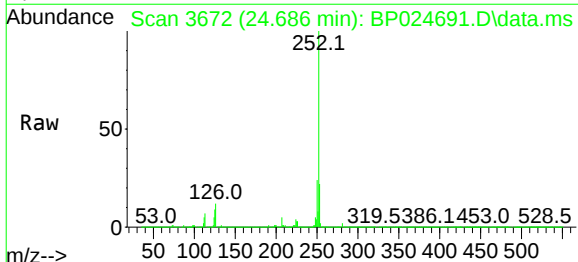
Tgt Ion:252 Resp: 2682066

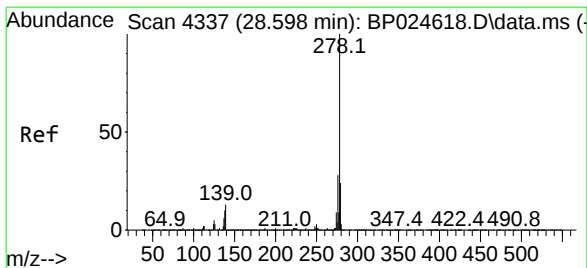
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 43.621 ng

RT: 28.639 min Scan# 43

Delta R.T. 0.041 min

Lab File: BP024691.D

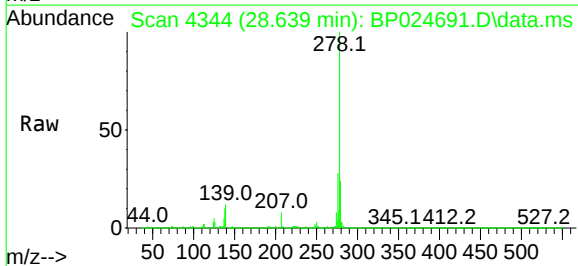
Acq: 19 May 2025 16:16

Instrument :

BNA_P

ClientSampleId :

TP-24MS



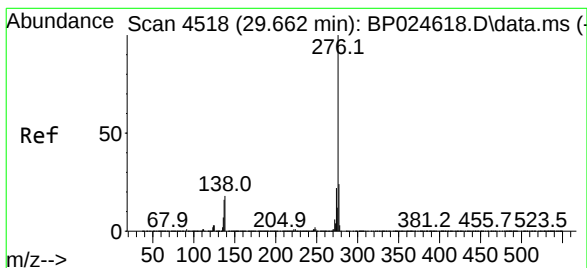
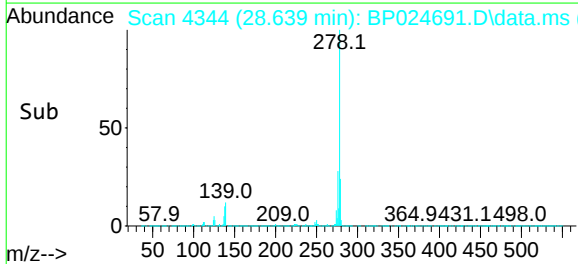
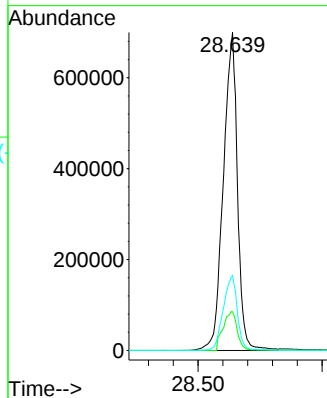
Tgt Ion:278 Resp: 2765872

Ion	Ratio	Lower	Upper
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278	100		
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139	12.2	10.2	15.4
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279	23.6	19.0	28.4
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#92

Benzo(g,h,i)perylene

Concen: 42.286 ng

RT: 29.704 min Scan# 4525

Delta R.T. 0.041 min

Lab File: BP024691.D

Acq: 19 May 2025 16:16

Tgt Ion:276 Resp: 2666340

Ion	Ratio	Lower	Upper
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276	100		
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277	24.0	19.0	28.4
-----	------	------	------

138	18.3	14.4	21.6
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