

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024692.D
 Acq On : 19 May 2025 16:57
 Operator : RC/JU
 Sample : Q2032-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 19 17:27:02 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	7.658	152	196921	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	749405	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	420201	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	679242	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	638666	20.000	ng	0.00
86) Perylene-d12	24.810	264	839473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1209381	105.041	ng	0.00
7) Phenol-d6	6.864	99	1478895	100.645	ng	0.01
23) Nitrobenzene-d5	8.805	82	896488	60.443	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	661723	92.891	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1999584	62.344	ng	0.00
79) Terphenyl-d14	19.810	244	2209762	59.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	181724	33.613	ng	99
3) Pyridine	3.617	79	438532	36.581	ng	97
4) n-Nitrosodimethylamine	3.528	42	205615	38.851	ng	98
6) Aniline	6.999	93	585413	30.857	ng	100
8) 2-Chlorophenol	7.240	128	548558	41.970	ng	98
9) Benzaldehyde	6.811	77	321210	33.769	ng	99
10) Phenol	6.893	94	625410	41.237	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	463977	37.231	ng	100
12) 1,3-Dichlorobenzene	7.546	146	599570	39.872	ng	99
13) 1,4-Dichlorobenzene	7.693	146	606670	40.113	ng	100
14) 1,2-Dichlorobenzene	8.005	146	576717	39.134	ng	99
15) Benzyl Alcohol	7.905	79	446064	39.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	548786	36.771	ng	98
17) 2-Methylphenol	8.116	107	428153	39.361	ng	99
18) Hexachloroethane	8.722	117	223961	38.643	ng	98
19) n-Nitroso-di-n-propyla...	8.458	70	347741	34.211	ng	99
20) 3+4-Methylphenols	8.446	107	565346	38.208	ng	97
22) Acetophenone	8.475	105	756270	40.400	ng	# 98
24) Nitrobenzene	8.852	77	529357	40.556	ng	96
25) Isophorone	9.369	82	957993	37.236	ng	99
26) 2-Nitrophenol	9.552	139	290801	45.467	ng	98
27) 2,4-Dimethylphenol	9.628	122	466977	41.412	ng	99
28) bis(2-Chloroethoxy)met...	9.846	93	598373	38.929	ng	99
29) 2,4-Dichlorophenol	10.099	162	472255	43.217	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	519399	42.179	ng	98
31) Naphthalene	10.475	128	1590199	40.948	ng	100
32) Benzoic acid	9.816	122	282685	37.875	ng	97
33) 4-Chloroaniline	10.593	127	341133	21.769	ng	99
34) Hexachlorobutadiene	10.757	225	336503	42.183	ng	99
35) Caprolactam	11.393	113	133067	33.657	ng	99
36) 4-Chloro-3-methylphenol	11.746	107	506053	37.975	ng	99
37) 2-Methylnaphthalene	12.087	142	977131	38.858	ng	99
38) 1-Methylnaphthalene	12.310	142	1020992	37.947	ng	99
40) 1,2,4,5-Tetrachloroben...	12.463	216	557424	45.682	ng	99
41) Hexachlorocyclopentadiene	12.440	237	711281	96.132	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	357272	45.204	ng	98

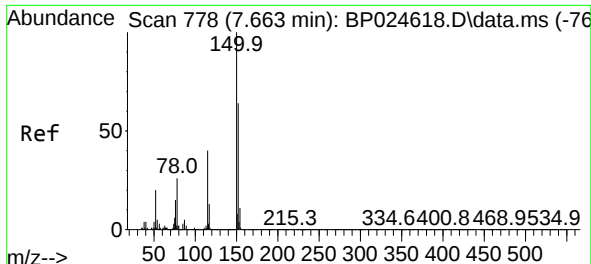
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 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	388038	44.107	ng	98
46) 1,1'-Biphenyl	13.110	154	1363337	43.897	ng	99
47) 2-Chloronaphthalene	13.151	162	1031049	43.540	ng	100
48) 2-Nitroaniline	13.369	65	280282	39.978	ng	98
49) Acenaphthylene	14.004	152	1644347	41.494	ng	99
50) Dimethylphthalate	13.746	163	1226815	38.305	ng	100
51) 2,6-Dinitrotoluene	13.863	165	264271	39.070	ng	99
52) Acenaphthene	14.351	154	924318	40.572	ng	100
53) 3-Nitroaniline	14.204	138	167821	24.299	ng	99
54) 2,4-Dinitrophenol	14.422	184	303159	71.789	ng	95
55) Dibenzofuran	14.693	168	1423464	39.172	ng	98
56) 4-Nitrophenol	14.575	139	354661	60.409	ng	99
57) 2,4-Dinitrotoluene	14.669	165	352898	37.006	ng	97
58) Fluorene	15.351	166	1151688	38.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.940	232	313160	38.372	ng	96
60) Diethylphthalate	15.122	149	1185410	36.620	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	581085	39.324	ng	99
62) 4-Nitroaniline	15.392	138	207171	31.065	ng	96
63) Azobenzene	15.645	77	1052163	37.995	ng	98
65) 4,6-Dinitro-2-methylph...	15.445	198	192444	43.862	ng	98
66) n-Nitrosodiphenylamine	15.569	169	959522	45.990	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	379814	47.454	ng	97
68) Hexachlorobenzene	16.375	284	461671	45.394	ng	98
69) Atrazine	16.551	200	316051	41.336	ng	98
70) Pentachlorophenol	16.739	266	507077	88.819	ng	98
71) Phenanthrene	17.128	178	1575554	41.726	ng	100
72) Anthracene	17.228	178	1580121	41.592	ng	100
73) Carbazole	17.510	167	1346907	39.171	ng	100
74) Di-n-butylphthalate	18.098	149	1803089	40.773	ng	100
75) Fluoranthene	19.216	202	1639877	37.153	ng	100
77) Benzidine	19.428	184	663223	38.128	ng	100
78) Pyrene	19.592	202	1652101	43.173	ng	100
80) Butylbenzylphthalate	20.545	149	744559	43.748	ng	93
81) Benzo(a)anthracene	21.504	228	1678348	41.851	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	551554	37.029	ng	100
83) Chrysene	21.569	228	1612852	42.426	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1101805	44.046	ng	99
85) Di-n-octyl phthalate	22.692	149	1924172	47.038	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	2833559	46.235	ng	# 91
88) Benzo(b)fluoranthene	23.774	252	2008973	41.810	ng	98
89) Benzo(k)fluoranthene	23.845	252	2050124	41.406	ng	99
90) Benzo(a)pyrene	24.651	252	1964741	42.575	ng	99
91) Dibenzo(a,h)anthracene	28.609	278	2330309	46.738	ng	99
92) Benzo(g,h,i)perylene	29.680	276	2295562	46.299	ng	100

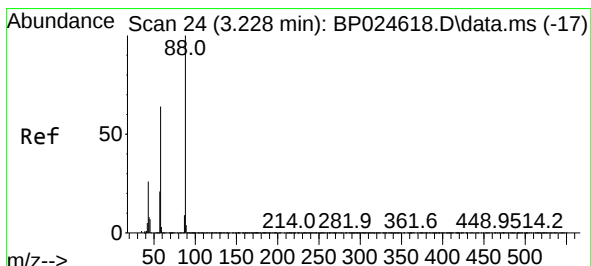
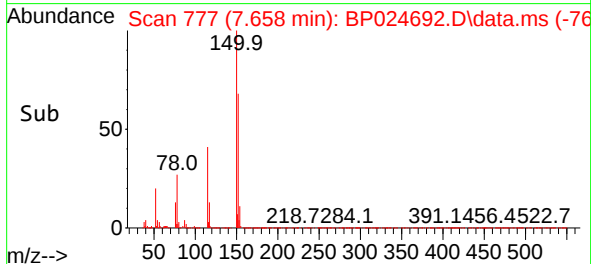
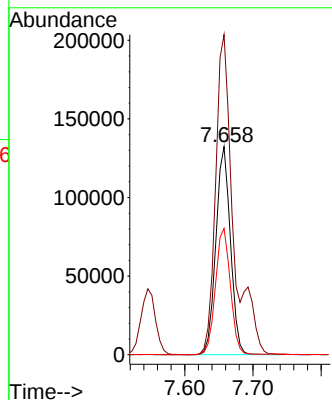
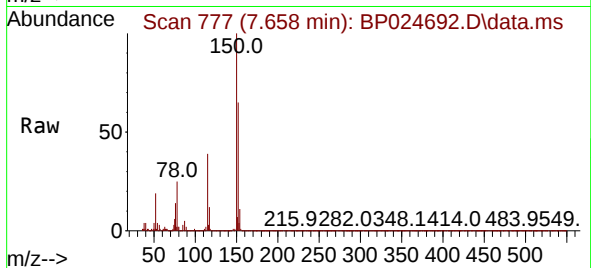
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

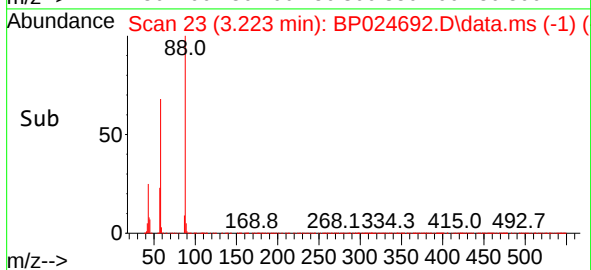
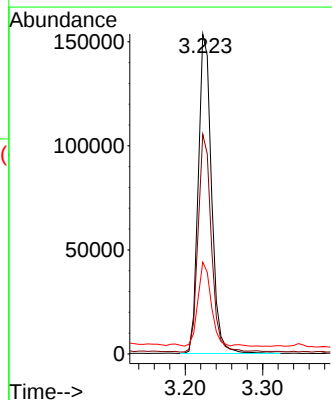
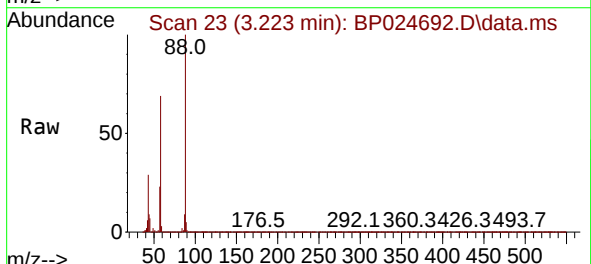
Instrument :
BNA_P
ClientSampleId :

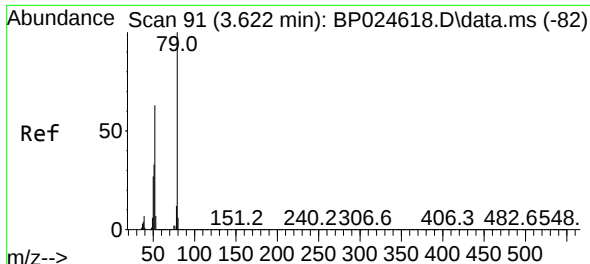
Tgt Ion:152 Resp: 196921
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 60.7 50.1 75.1



#2
1,4-Dioxane
Concen: 33.613 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

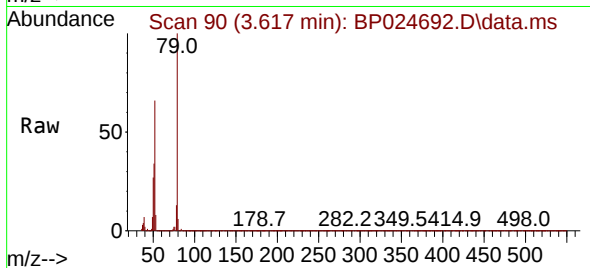
Tgt Ion: 88 Resp: 181724
Ion Ratio Lower Upper
88 100
58 68.1 54.0 81.0
43 26.1 21.4 32.0





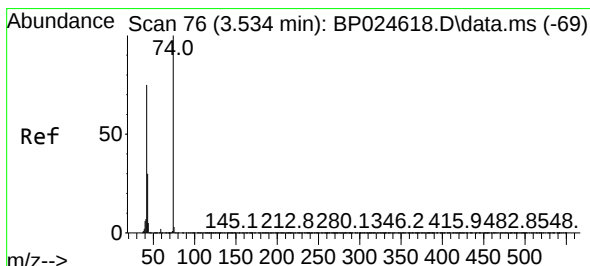
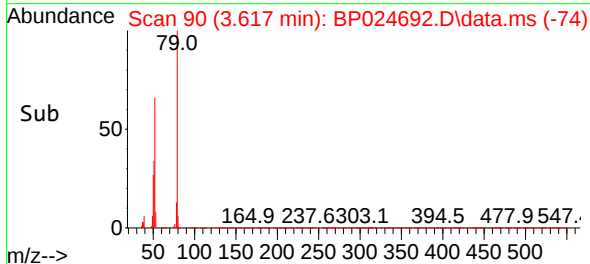
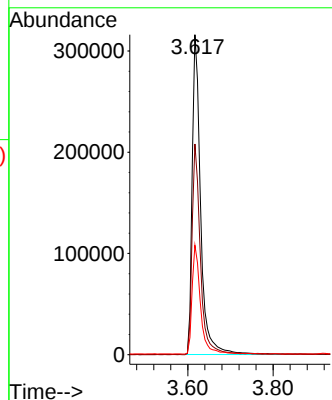
#3
 Pyridine
 Concen: 36.581 ng
 RT: 3.617 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BP024692.D
 Acq: 19 May 2025 16:57

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 79 Resp: 438532

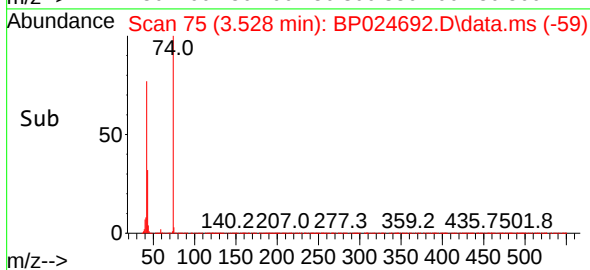
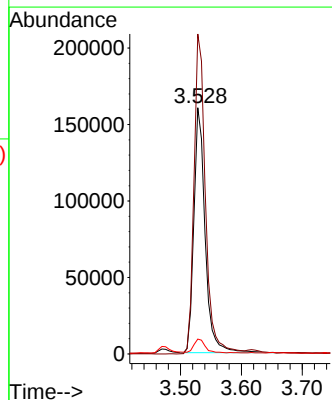
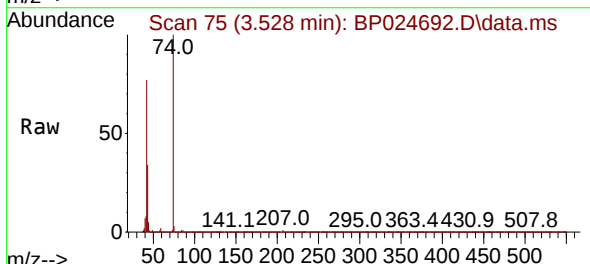
Ion	Ratio	Lower	Upper
79	100		
52	65.8	50.2	75.2
51	34.2	26.8	40.2

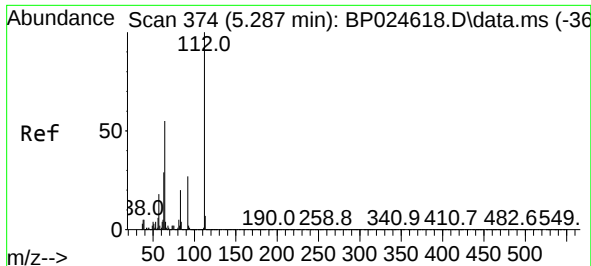


#4
 n-Nitrosodimethylamine
 Concen: 38.851 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024692.D
 Acq: 19 May 2025 16:57

Tgt Ion: 42 Resp: 205615

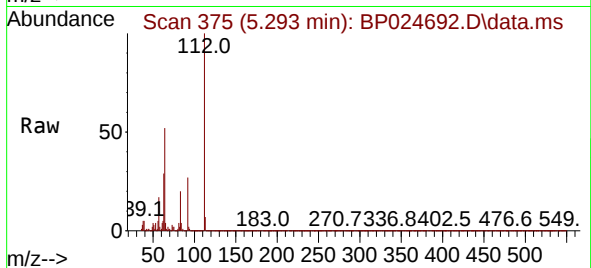
Ion	Ratio	Lower	Upper
42	100		
74	129.9	106.2	159.2
44	6.0	5.4	8.2



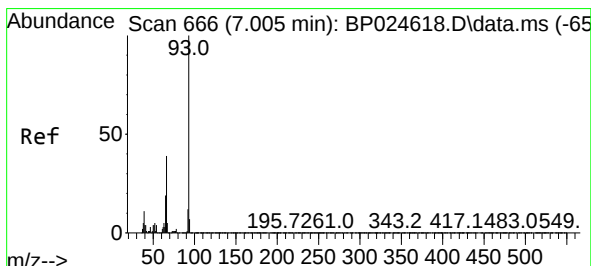
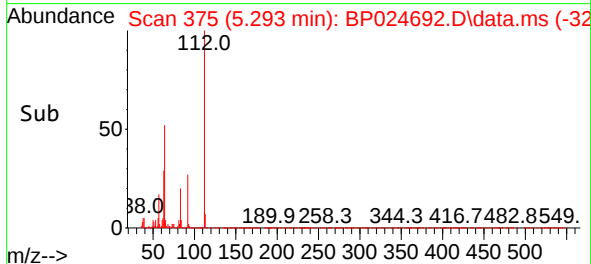
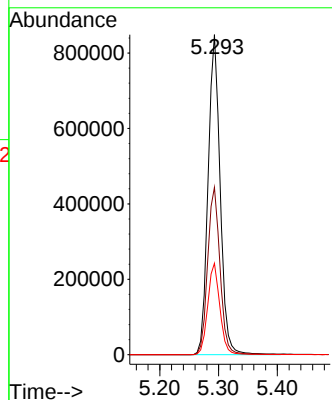


#5
2-Fluorophenol
Concen: 105.041 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

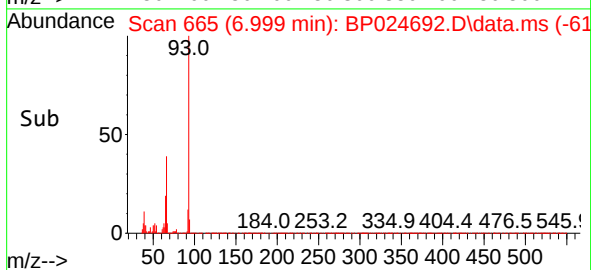
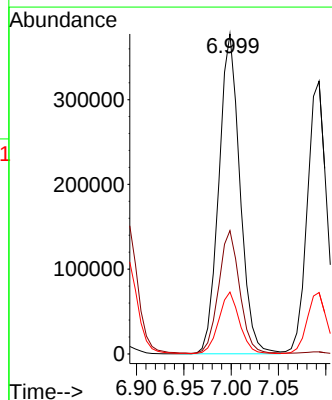
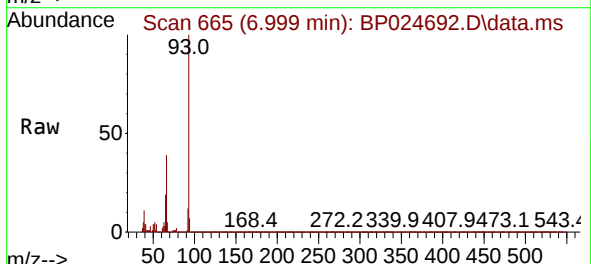


Tgt Ion:112 Resp: 1209381
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 28.6 23.5 35.3



#6
Aniline
Concen: 30.857 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion: 93 Resp: 585413
Ion Ratio Lower Upper
93 100
66 38.5 31.0 46.6
65 19.4 15.5 23.3

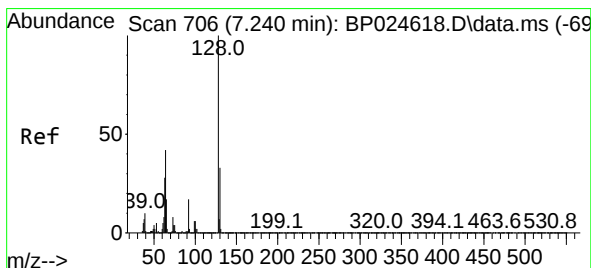
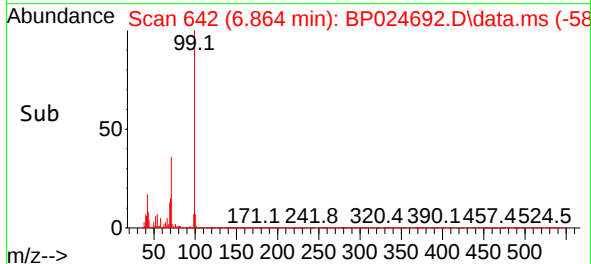
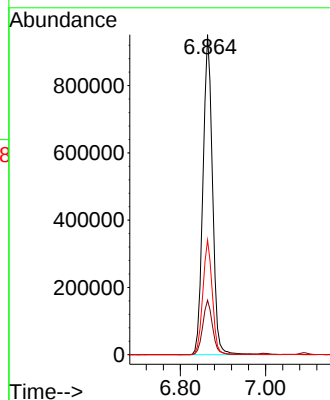
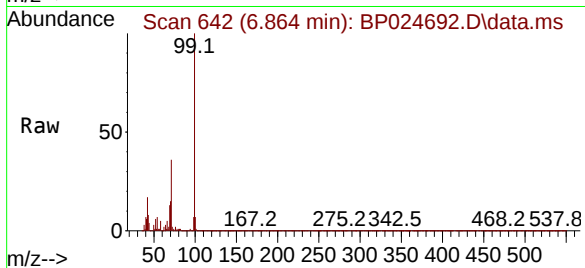




#7
Phenol-d6
Concen: 100.645 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

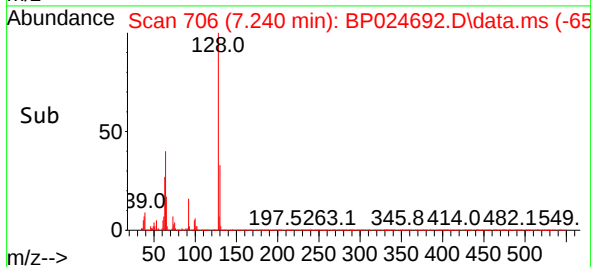
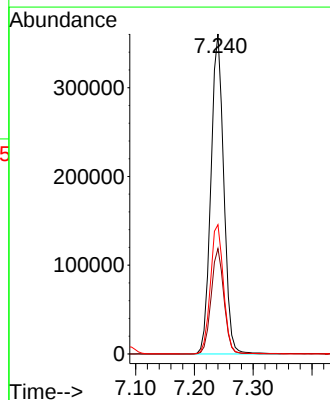
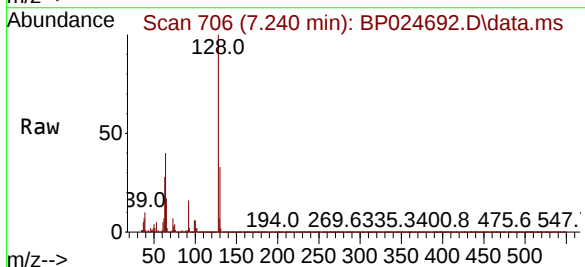
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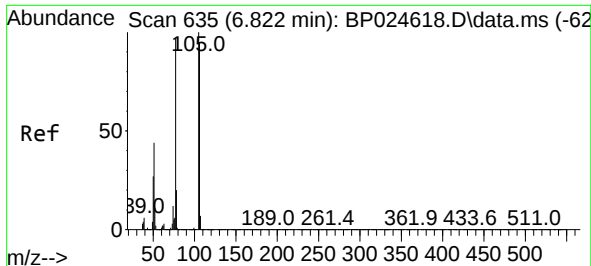
Tgt Ion: 99 Resp: 1478895
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 35.8 29.2 43.8



#8
2-Chlorophenol
Concen: 41.970 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion: 128 Resp: 548558
Ion Ratio Lower Upper
128 100
130 33.0 13.0 53.0
64 40.4 22.3 62.3

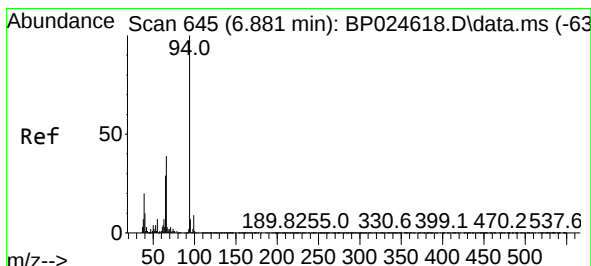
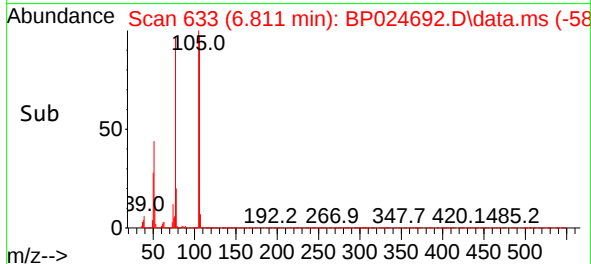
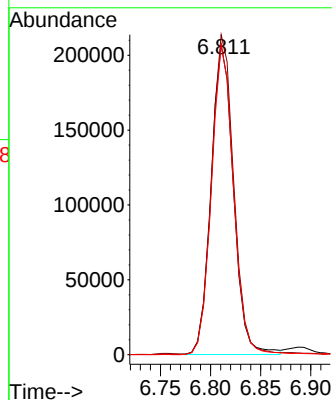
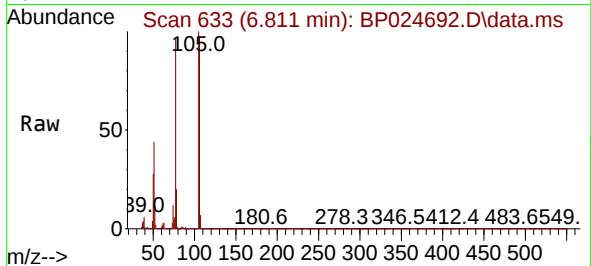




#9
Benzaldehyde
Concen: 33.769 ng
RT: 6.811 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

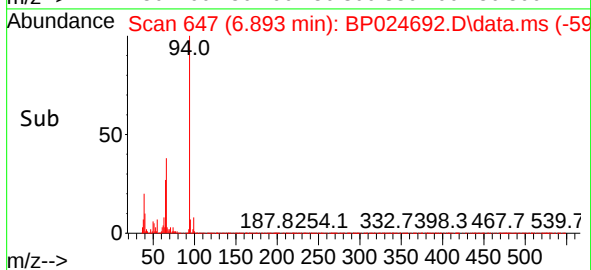
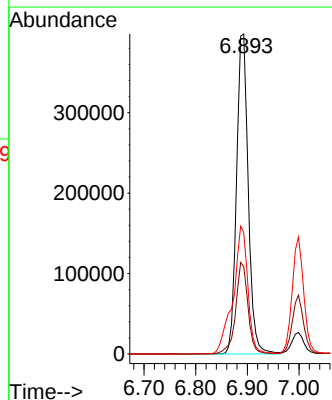
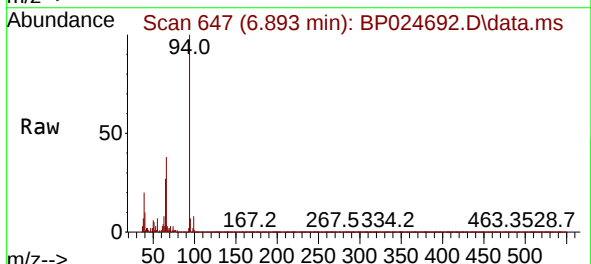
Instrument :
BNA_P
ClientSampleId :

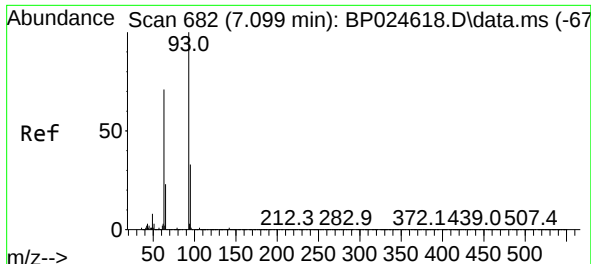
Tgt Ion: 77 Resp: 321210
Ion Ratio Lower Upper
77 100
105 103.2 83.3 123.3
106 100.0 78.0 118.0



#10
Phenol
Concen: 41.237 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion: 94 Resp: 625410
Ion Ratio Lower Upper
94 100
65 27.3 8.7 48.7
66 38.0 19.4 59.4

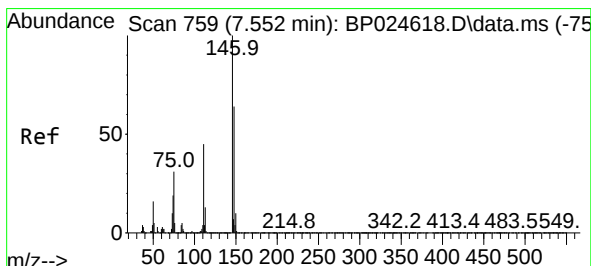
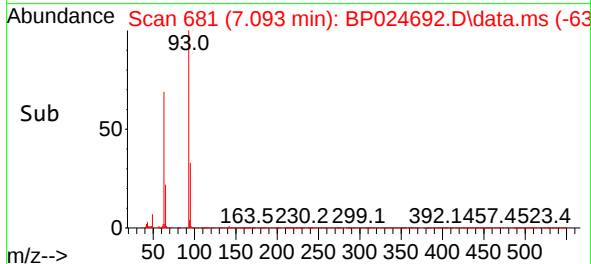
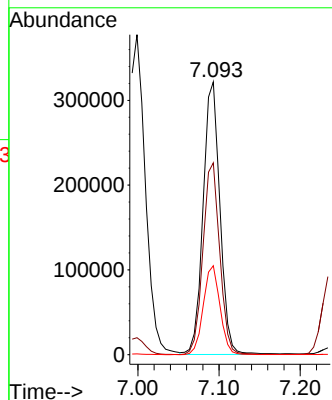
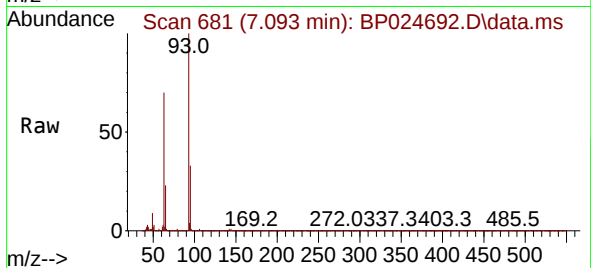




#11
bis(2-Chloroethyl)ether
Concen: 37.231 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

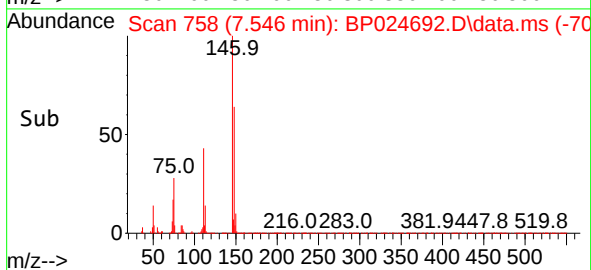
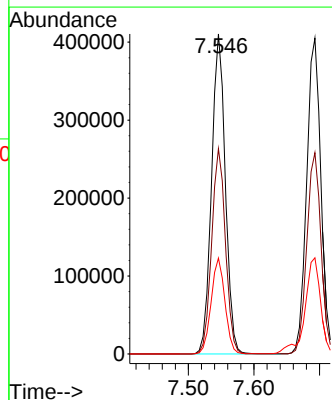
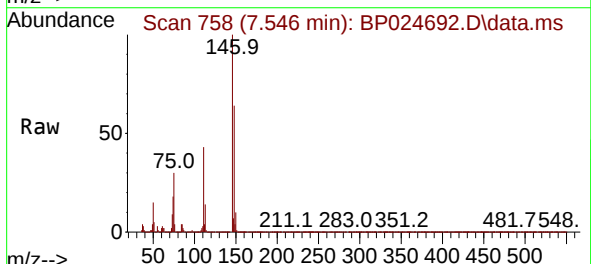
Instrument :
BNA_P
ClientSampleId :

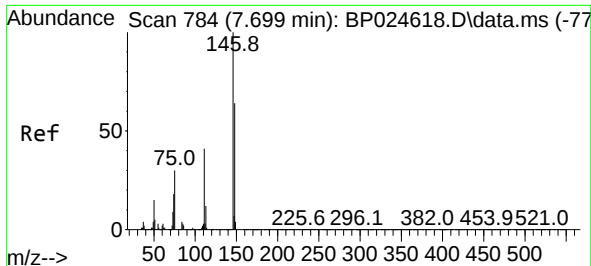
Tgt Ion: 93 Resp: 463977
Ion Ratio Lower Upper
93 100
63 70.3 50.6 90.6
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.872 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion: 146 Resp: 599570
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 29.9 25.2 37.8

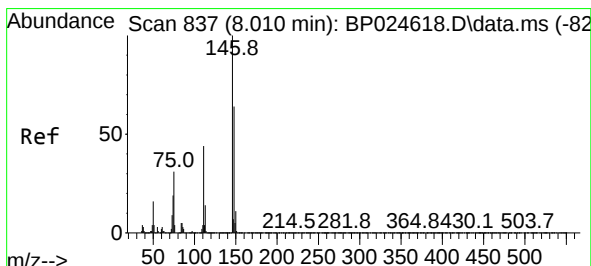
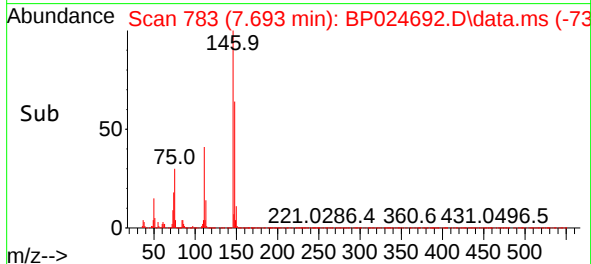
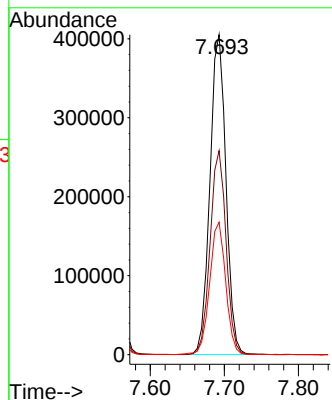
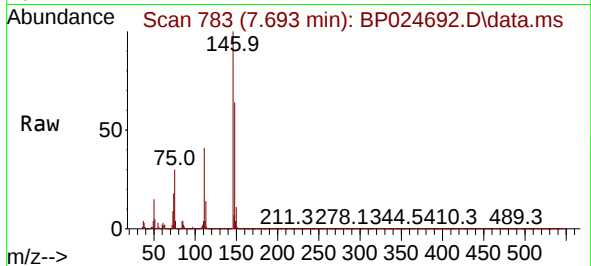




#13
1,4-Dichlorobenzene
Concen: 40.113 ng
RT: 7.693 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

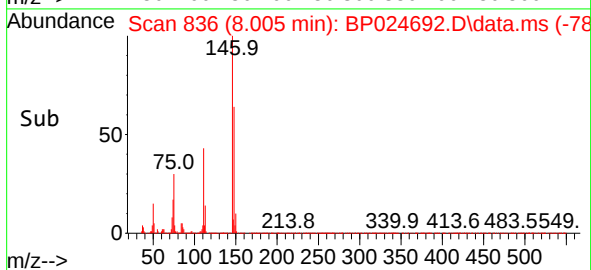
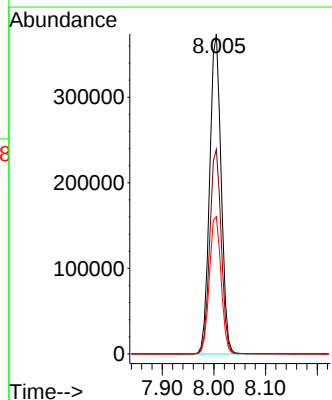
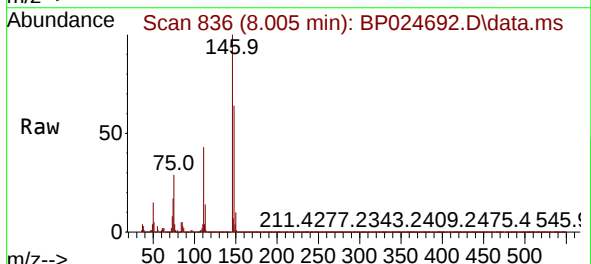
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:146 Resp: 606670
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 41.4 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 39.134 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:146 Resp: 576717
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 42.9 35.2 52.8

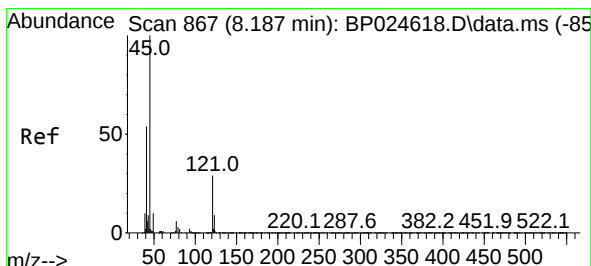
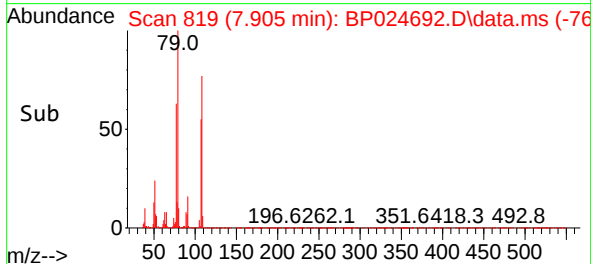
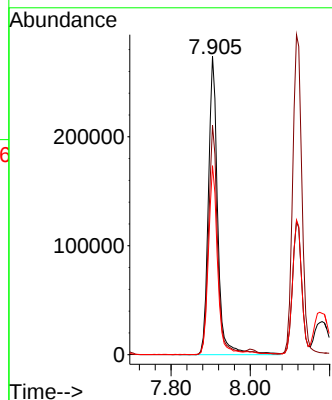
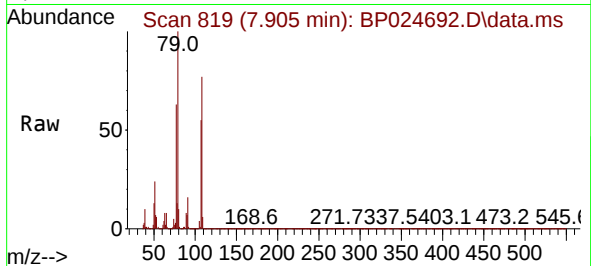




#15
Benzyl Alcohol
Concen: 39.947 ng
RT: 7.905 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

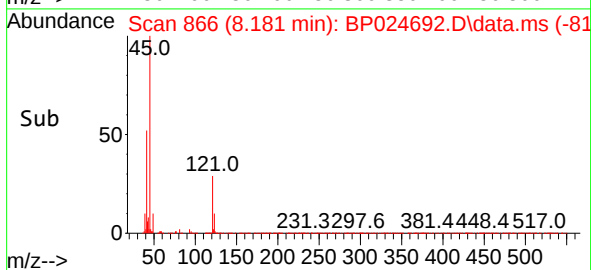
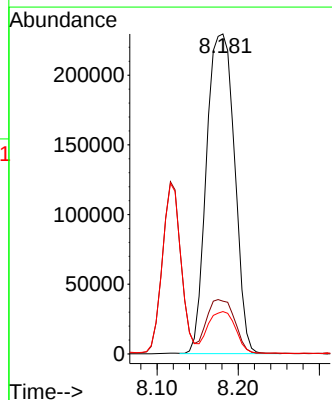
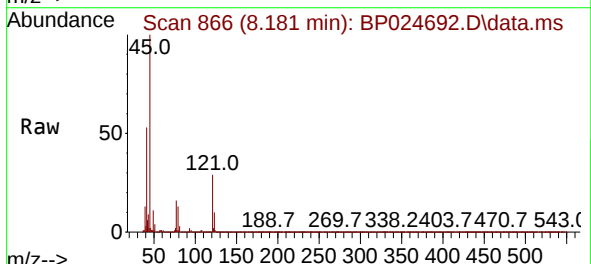
Instrument :
BNA_P
ClientSampleId :

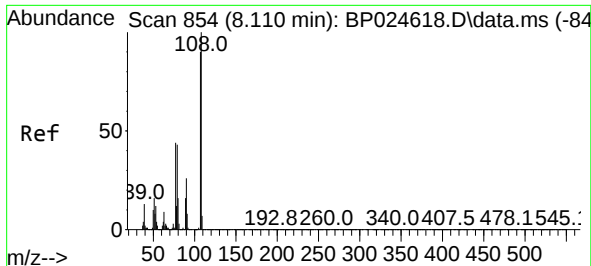
Tgt Ion: 79 Resp: 446064
Ion Ratio Lower Upper
79 100
108 76.8 60.8 91.2
77 63.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.771 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

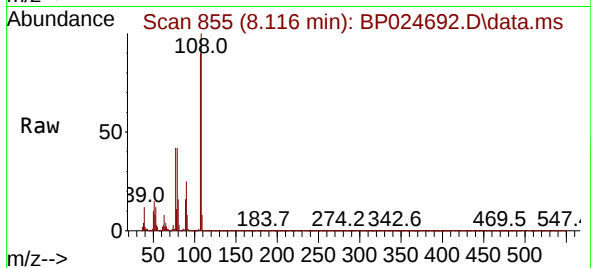
Tgt Ion: 45 Resp: 548786
Ion Ratio Lower Upper
45 100
77 16.5 0.0 37.7
79 13.2 0.0 34.0



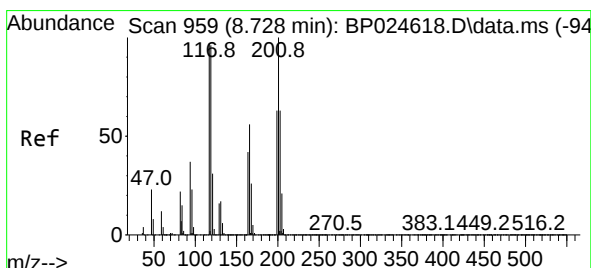
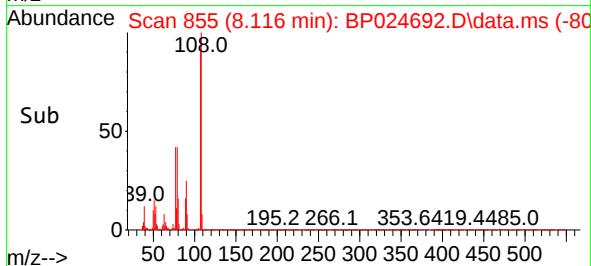
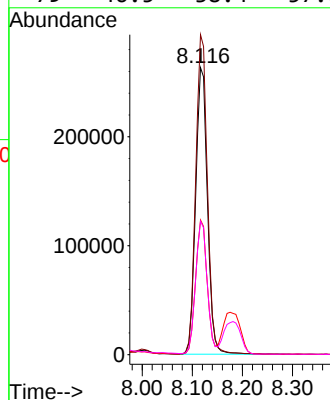


#17
2-Methylphenol
Concen: 39.361 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

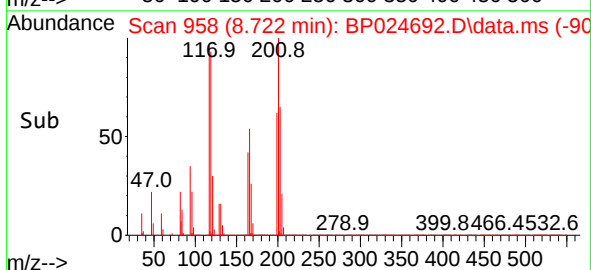
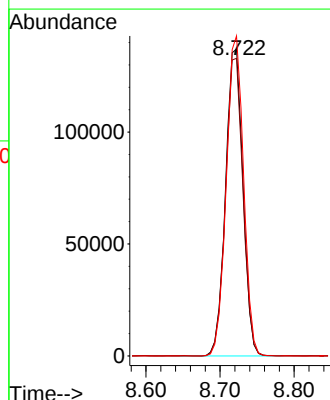
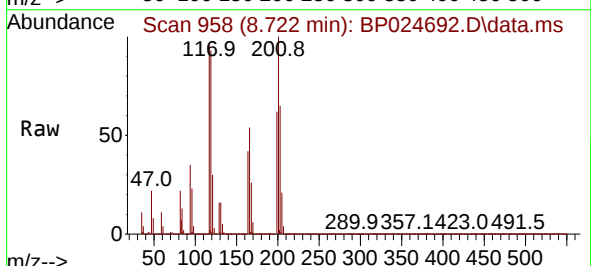


Tgt Ion:	107	Resp:	428153
Ion	Ratio	Lower	Upper
107	100		
108	111.5	88.9	133.3
77	46.9	39.0	58.6
79	46.5	38.4	57.6



#18
Hexachloroethane
Concen: 38.643 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

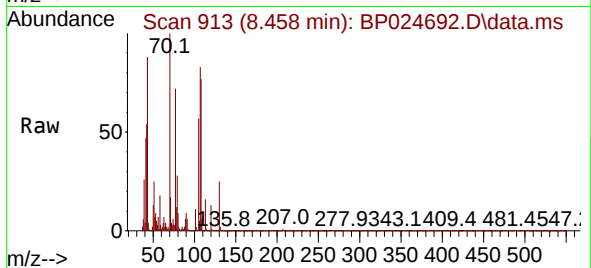
Tgt Ion:	117	Resp:	223961
Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.4	119.0
201	104.3	82.7	124.1



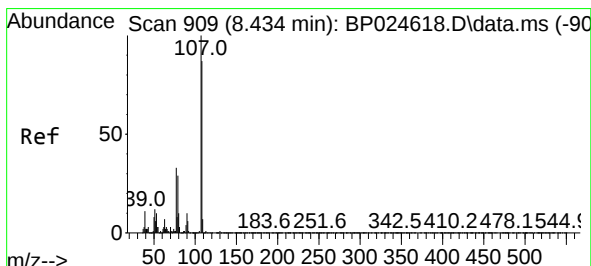
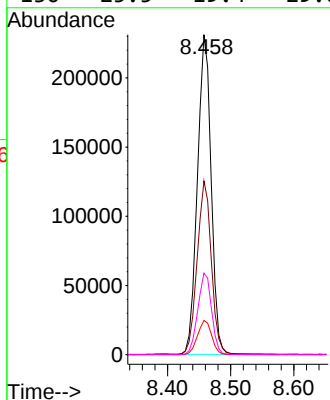
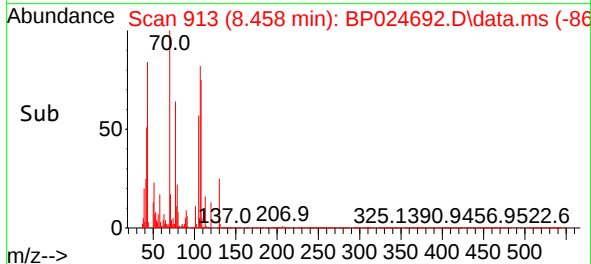


#19
n-Nitroso-di-n-propylamine
Concen: 34.211 ng
RT: 8.458 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

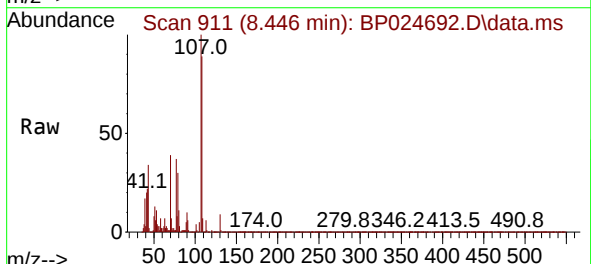
Instrument :
BNA_P
ClientSampleId :



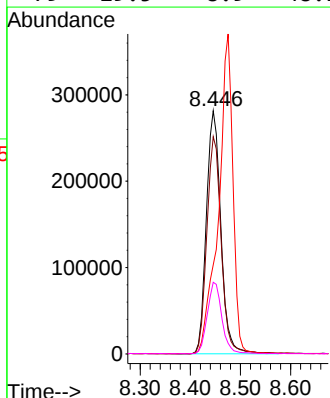
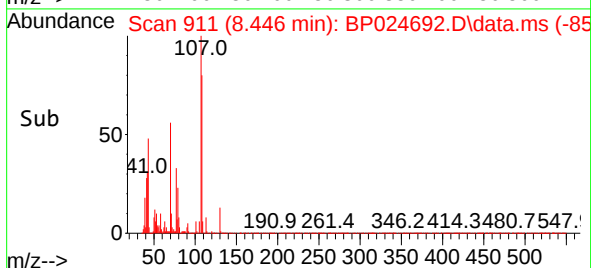
Tgt Ion: 70 Resp: 347741
Ion Ratio Lower Upper
70 100
42 54.3 43.0 64.6
101 10.7 8.7 13.1
130 25.5 19.4 29.0

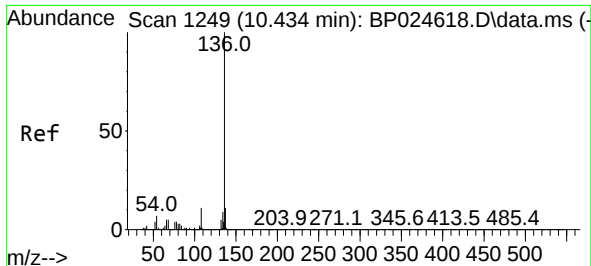


#20
3+4-Methylphenols
Concen: 38.208 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57



Tgt Ion: 107 Resp: 565346
Ion Ratio Lower Upper
107 100
108 89.4 66.7 106.7
77 36.6 13.1 53.1
79 29.5 8.9 48.9

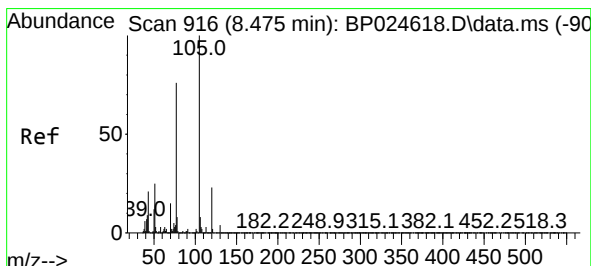
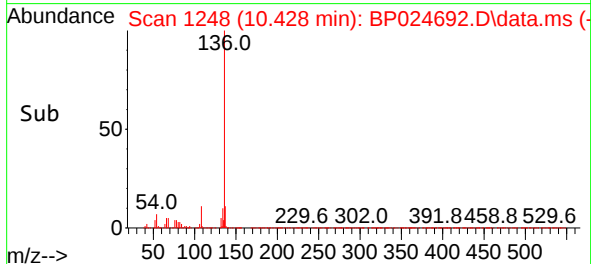
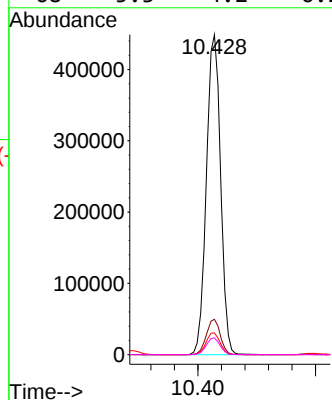
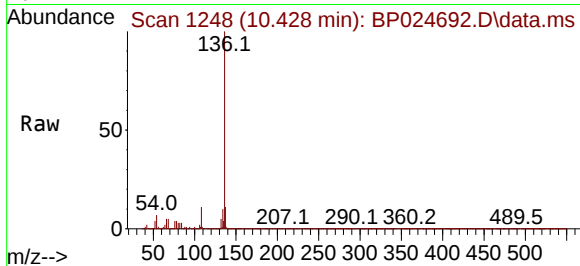




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

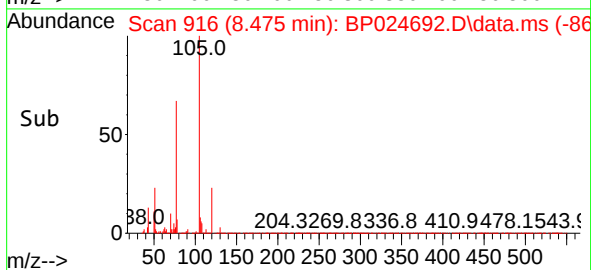
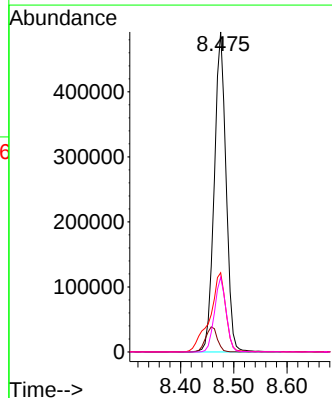
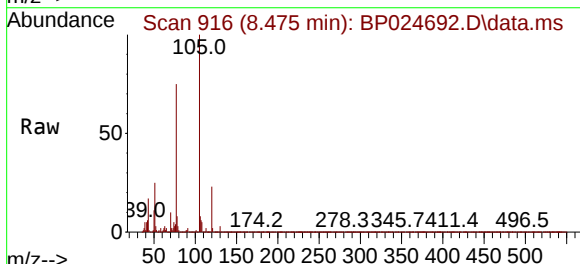
Instrument :
BNA_P
ClientSampleId :

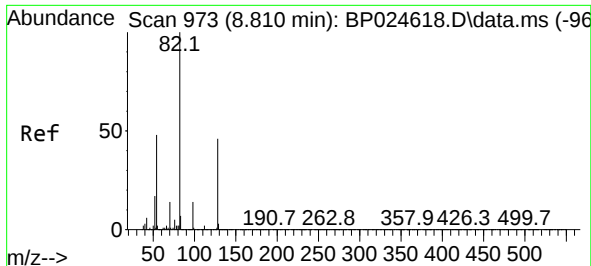
Tgt Ion:	136	Resp:	749405
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.5	8.3
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 40.400 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:	105	Resp:	756270
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.0	3.0
51	24.8	20.4	30.6
120	23.4	18.1	27.1

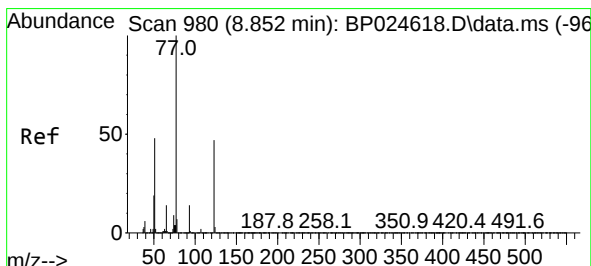
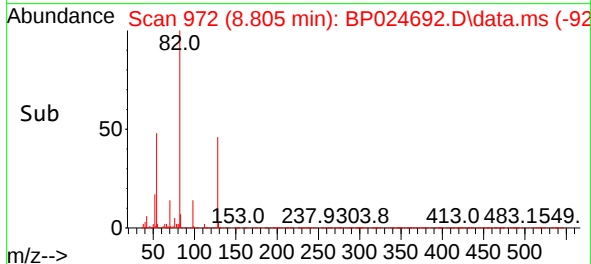
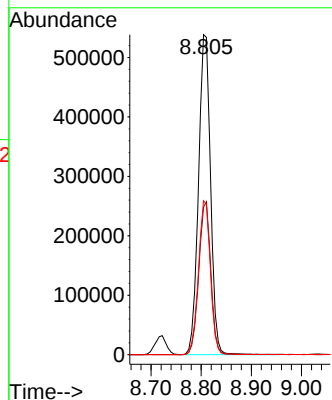
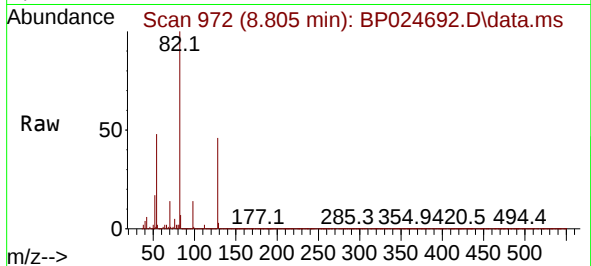




#23
Nitrobenzene-d5
Concen: 60.443 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

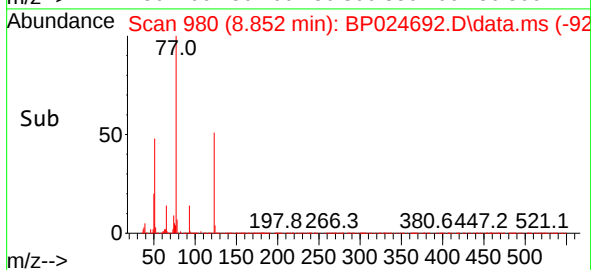
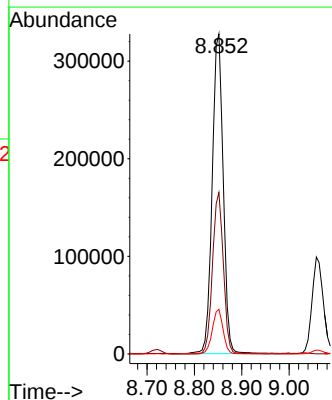
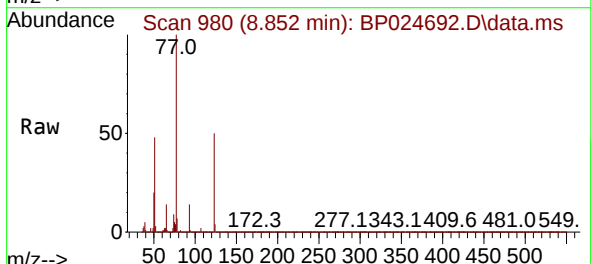
Instrument :
BNA_P
ClientSampleId :

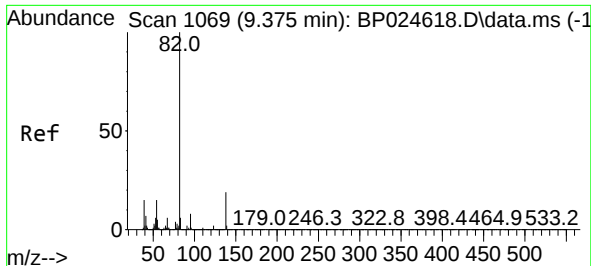
Tgt Ion: 82 Resp: 896488
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 48.1 38.7 58.1



#24
Nitrobenzene
Concen: 40.556 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion: 77 Resp: 529357
Ion Ratio Lower Upper
77 100
123 50.5 37.4 56.0
65 13.9 11.3 16.9

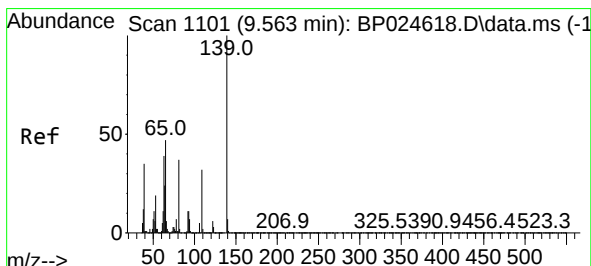
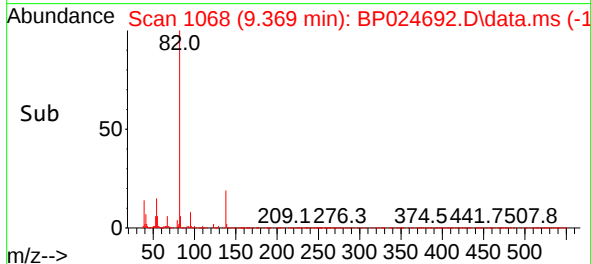
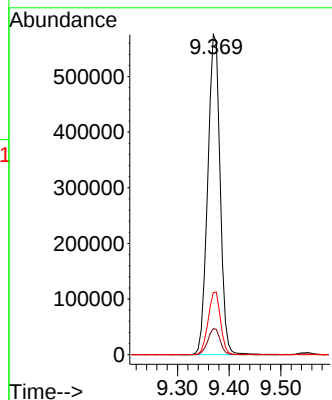
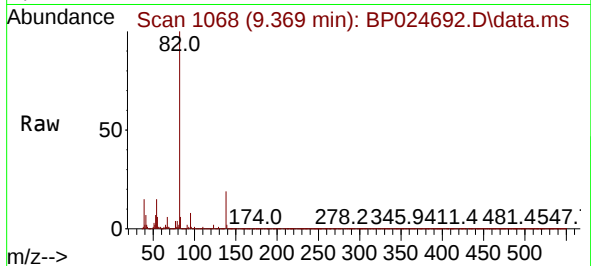




#25
Isophorone
Concen: 37.236 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

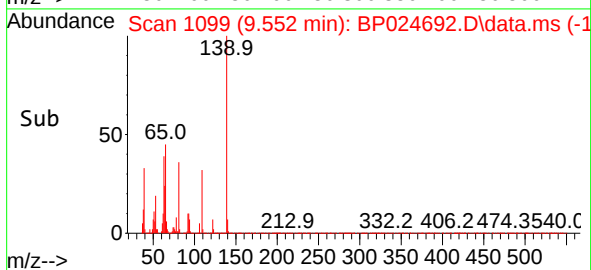
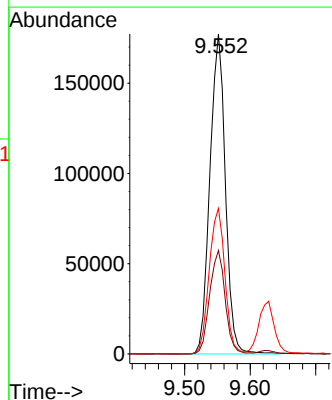
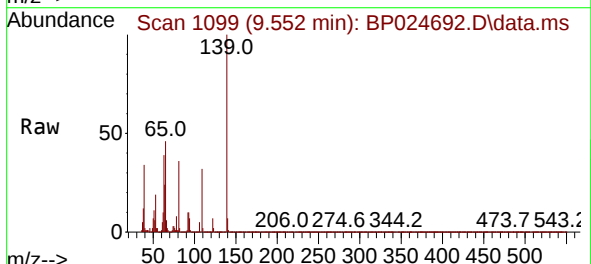
Instrument :
BNA_P
ClientSampleId :

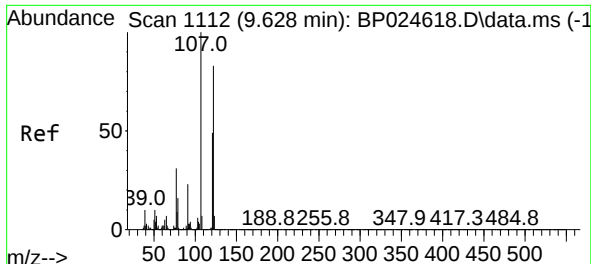
Tgt Ion: 82 Resp: 957993
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 45.467 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:139 Resp: 290801
Ion Ratio Lower Upper
139 100
109 32.3 25.9 38.9
65 45.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 41.412 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

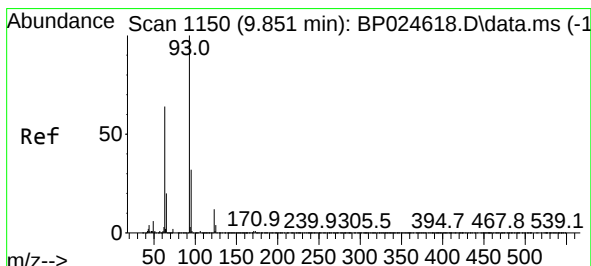
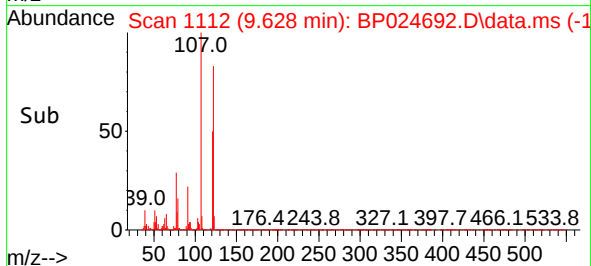
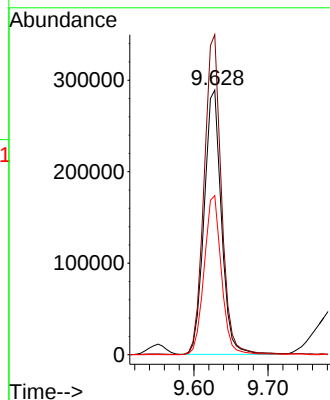
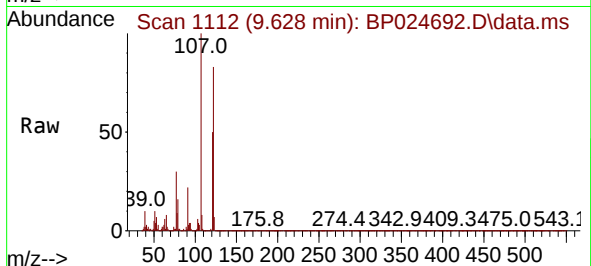
Tgt Ion:122 Resp: 466977

Ion Ratio Lower Upper

122 100

107 120.9 96.2 144.2

121 60.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.929 ng

RT: 9.846 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

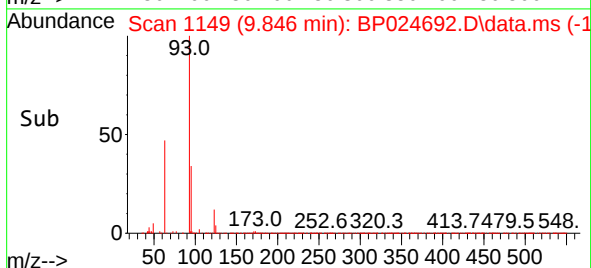
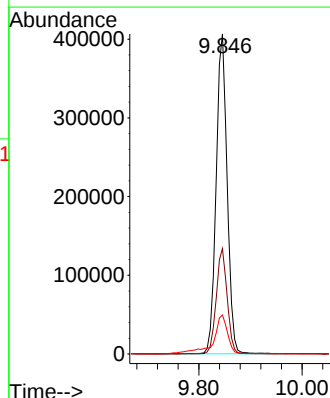
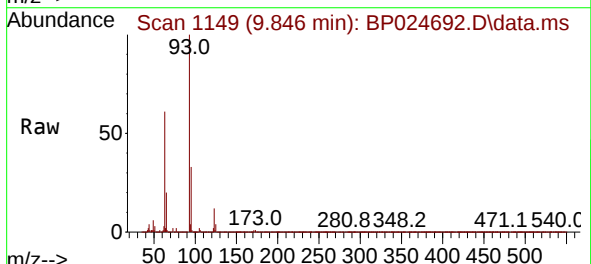
Tgt Ion: 93 Resp: 598373

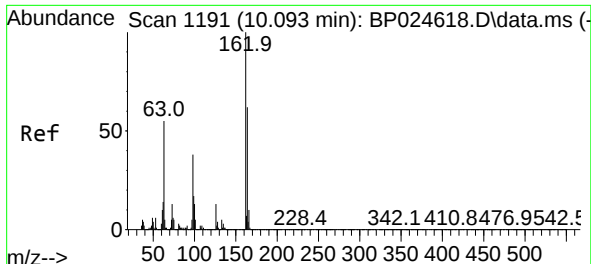
Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.217 ng

RT: 10.099 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

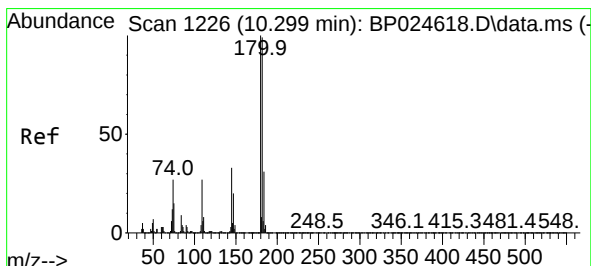
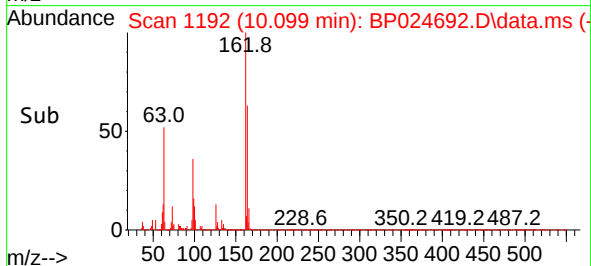
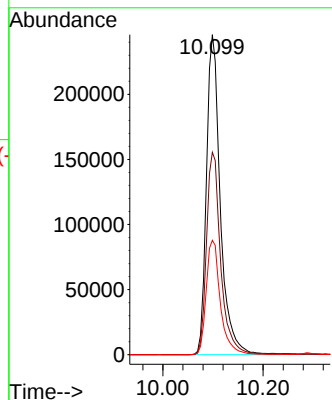
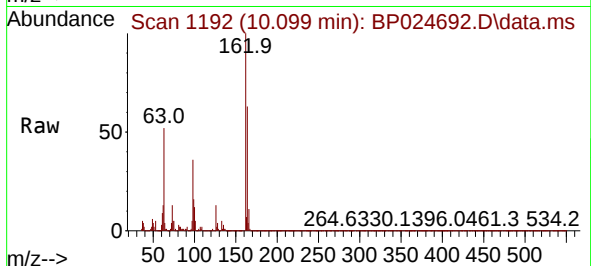
Tgt Ion:162 Resp: 472255

Ion Ratio Lower Upper

162 100

164 63.2 42.3 82.3

98 35.8 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 42.179 ng

RT: 10.293 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

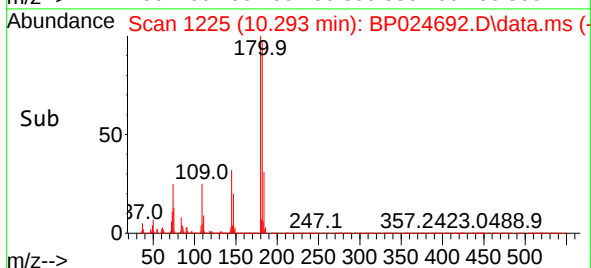
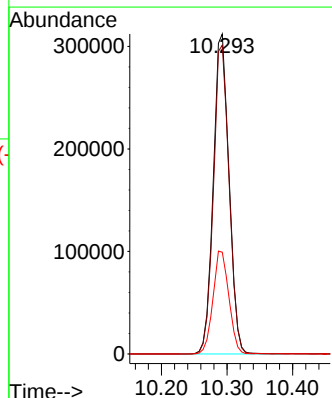
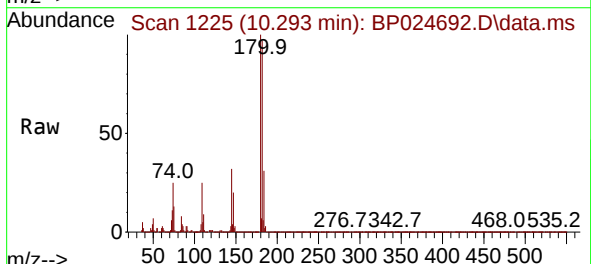
Tgt Ion:180 Resp: 519399

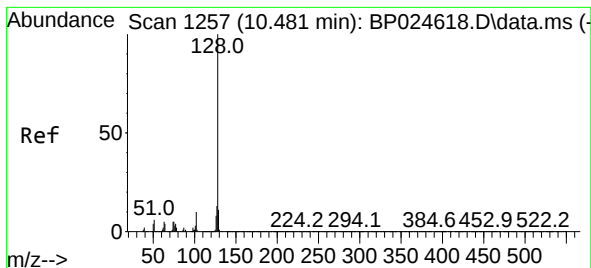
Ion Ratio Lower Upper

180 100

182 96.5 79.0 118.4

145 31.8 26.6 39.8

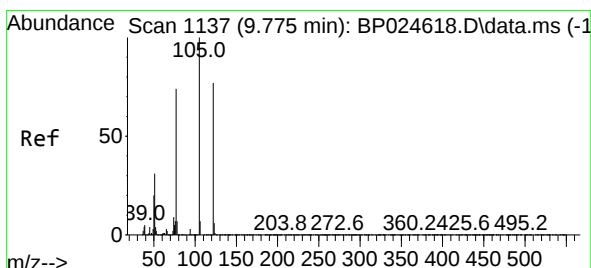
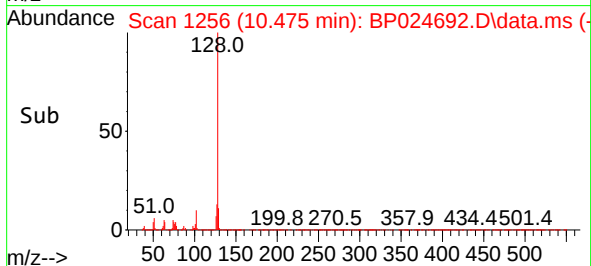
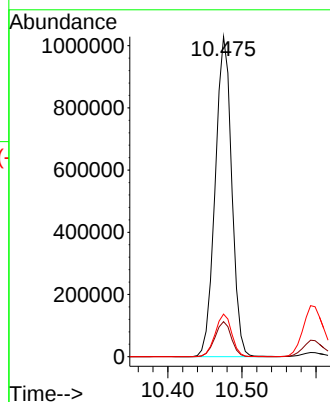
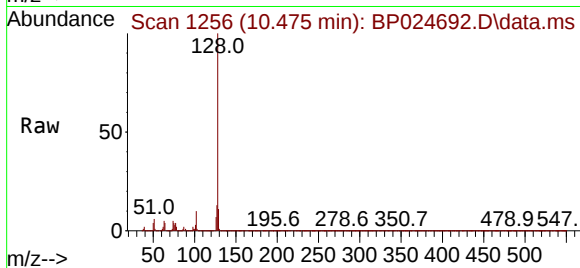




#31
Naphthalene
Concen: 40.948 ng
RT: 10.475 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

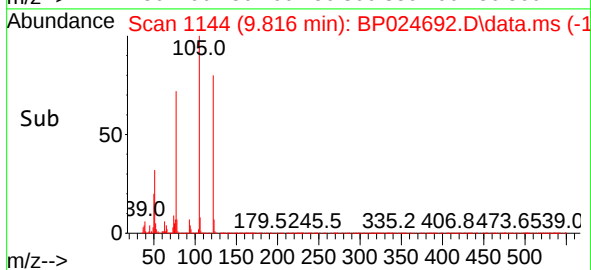
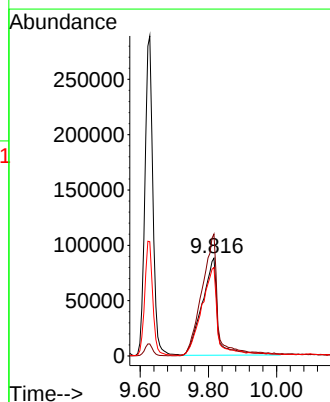
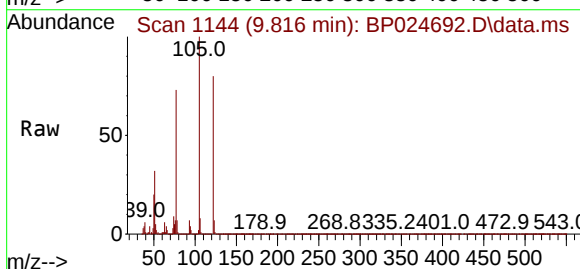
Instrument :
BNA_P
ClientSampleId :

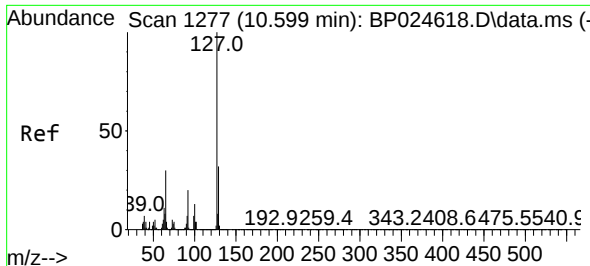
Tgt Ion:128 Resp: 1590199
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 37.875 ng
RT: 9.816 min Scan# 1144
Delta R.T. 0.041 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:122 Resp: 282685
Ion Ratio Lower Upper
122 100
105 124.7 106.9 146.9
77 90.4 75.1 115.1

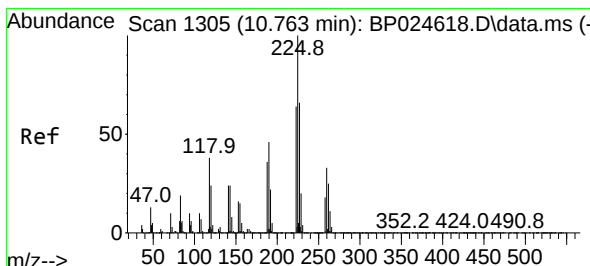
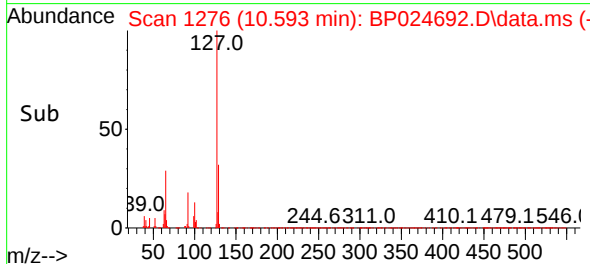
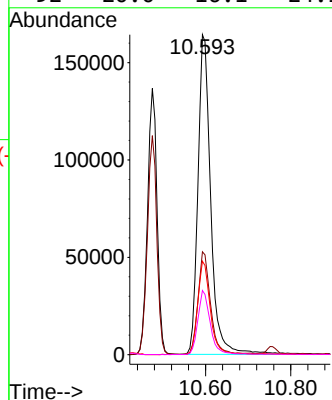
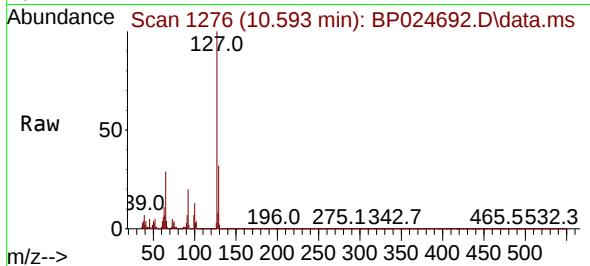




#33
4-Chloroaniline
Concen: 21.769 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

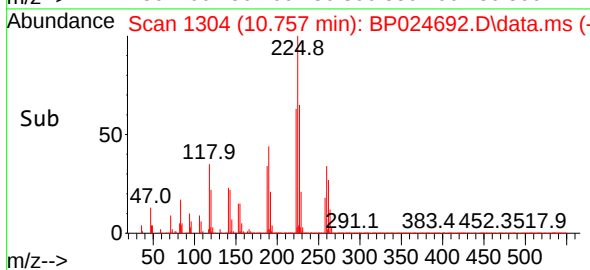
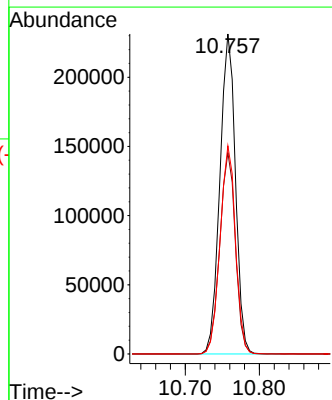
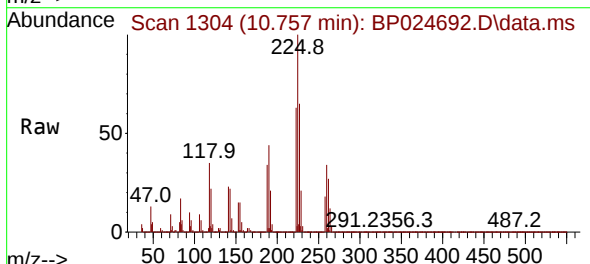
Instrument :
BNA_P
ClientSampleId :

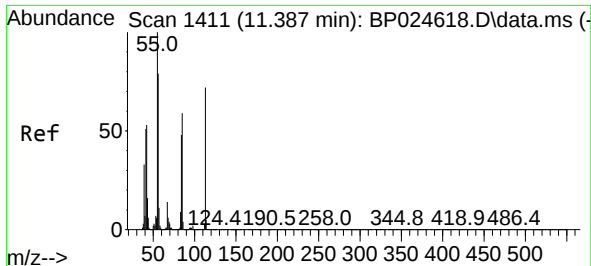
Tgt Ion:	127	Resp:	341133
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	29.2	23.9	35.9
92	20.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.183 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

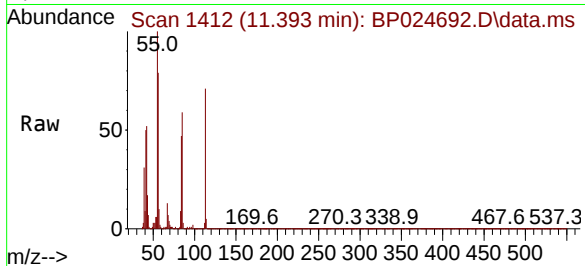
Tgt Ion:	225	Resp:	336503
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	65.1	53.1	79.7



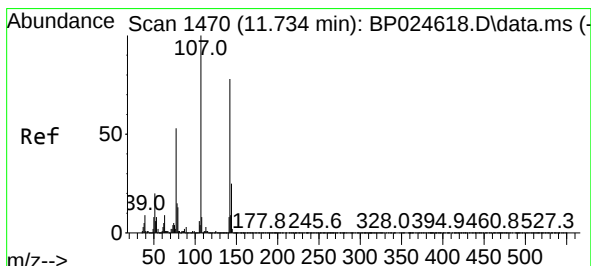
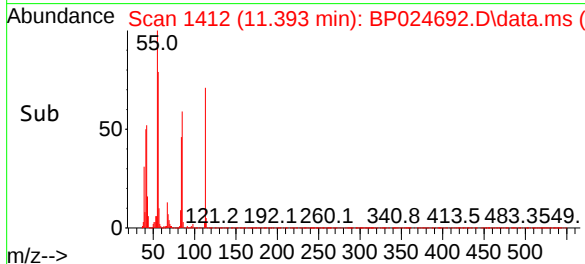
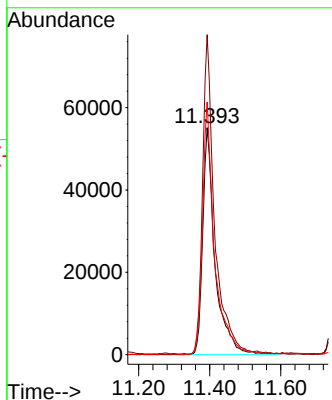


#35
Caprolactam
Concen: 33.657 ng
RT: 11.393 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

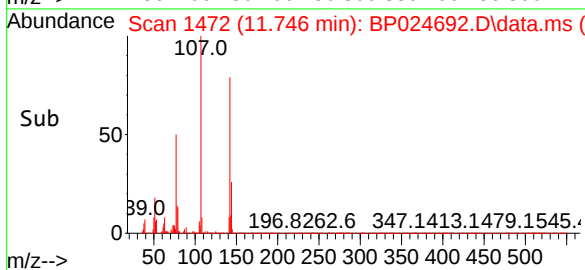
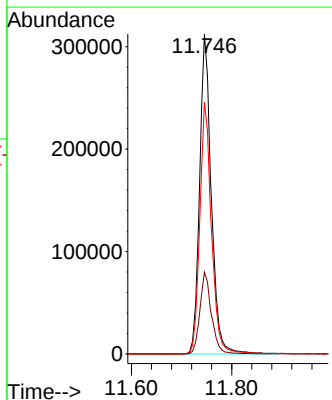
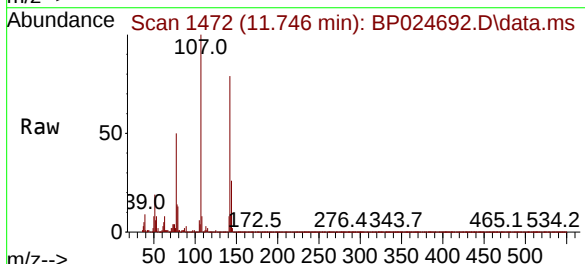


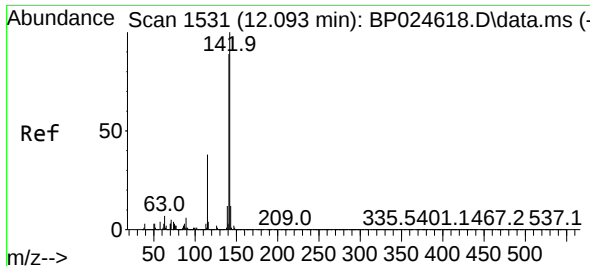
Tgt Ion:113 Resp: 133067
Ion Ratio Lower Upper
113 100
55 140.9 119.0 159.0
56 111.3 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 37.975 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:107 Resp: 506053
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 78.7 62.1 93.1

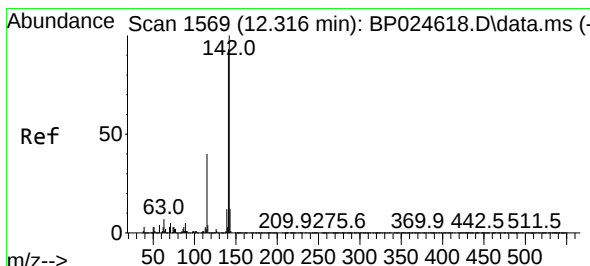
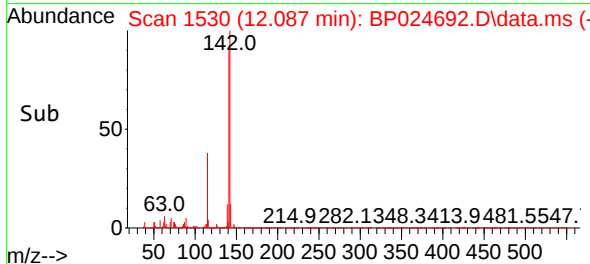
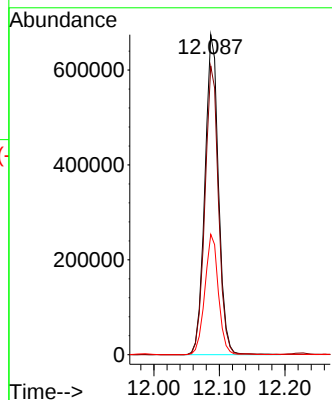
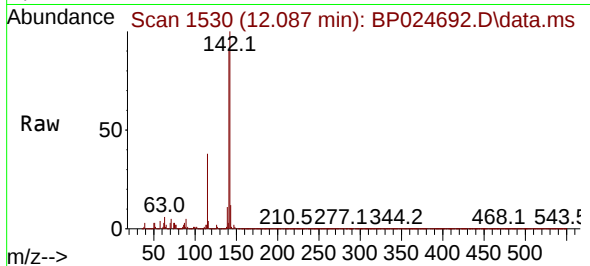




#37
2-Methylnaphthalene
Concen: 38.858 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

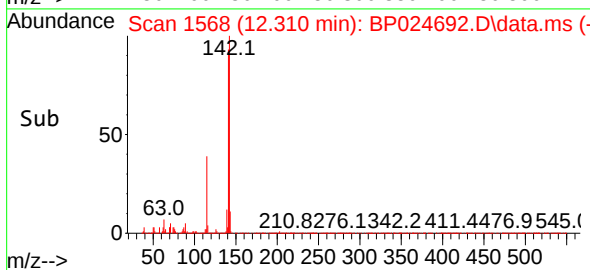
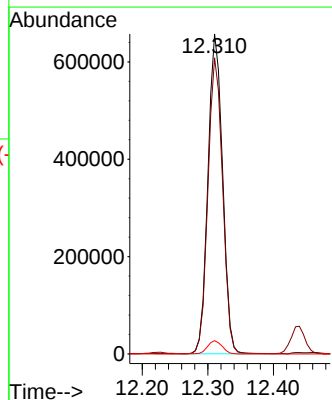
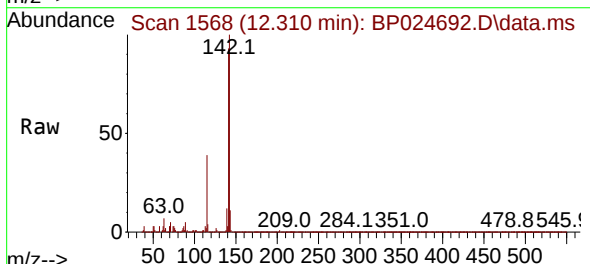
Instrument :
BNA_P
ClientSampleId :

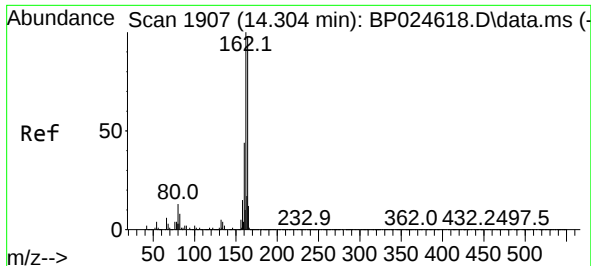
Tgt Ion:142 Resp: 977131
Ion Ratio Lower Upper
142 100
141 90.2 71.2 106.8
115 37.6 30.6 46.0



#38
1-Methylnaphthalene
Concen: 37.947 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:142 Resp: 1020992
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1
116 4.2 3.4 5.2

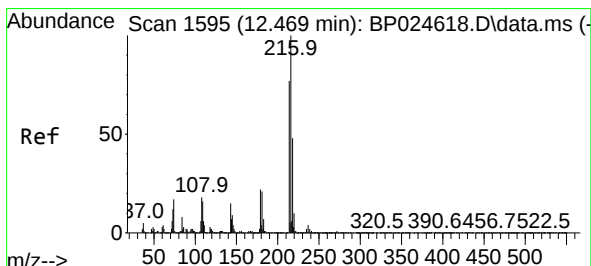
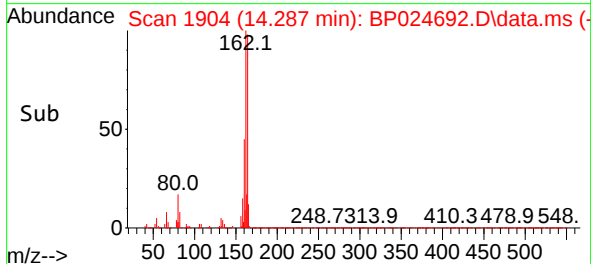
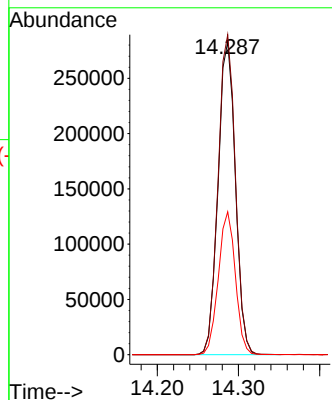
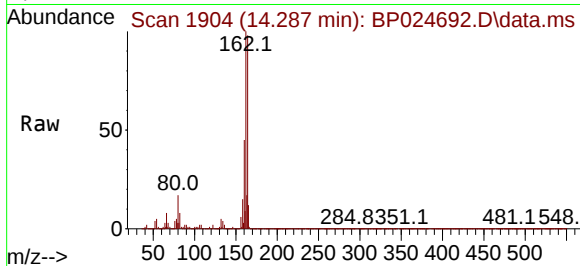




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

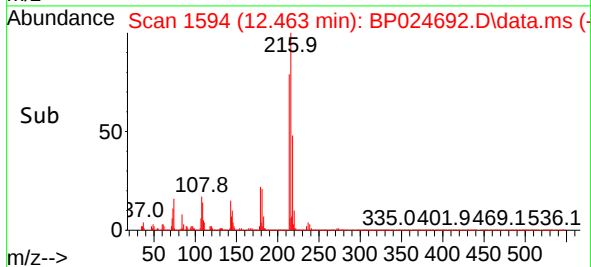
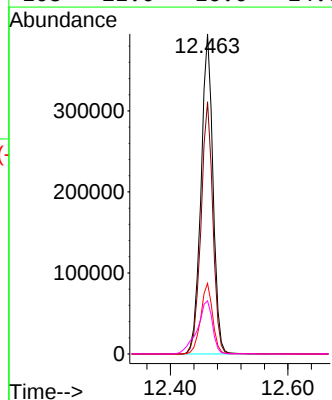
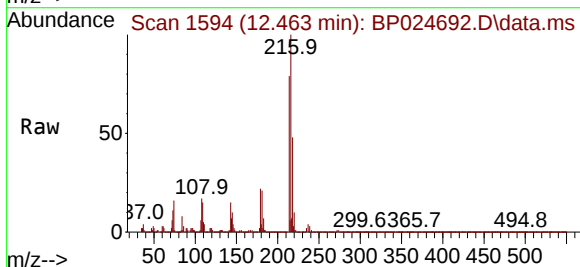
Instrument :
BNA_P
ClientSampleId :

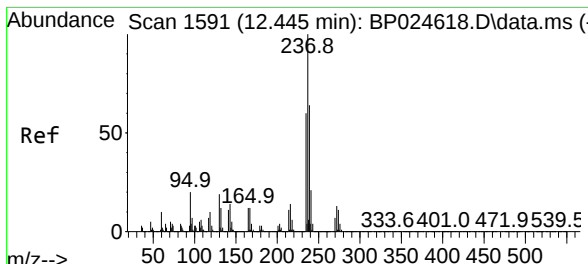
Tgt Ion:164 Resp: 420201
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.7 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.682 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:216 Resp: 557424
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 22.0 17.7 26.5
108 21.0 16.0 24.0

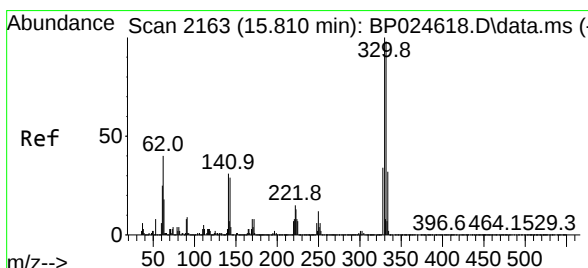
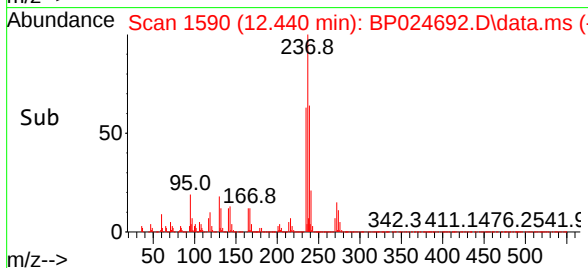
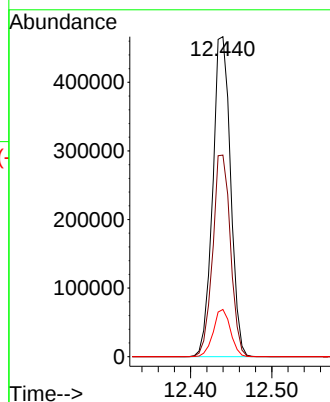
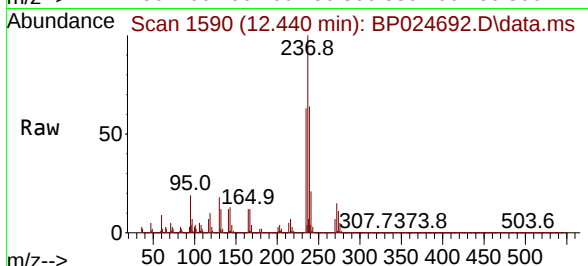




#41
 Hexachlorocyclopentadiene
 Concen: 96.132 ng
 RT: 12.440 min Scan# 1591
 Delta R.T. -0.006 min
 Lab File: BP024692.D
 Acq: 19 May 2025 16:57

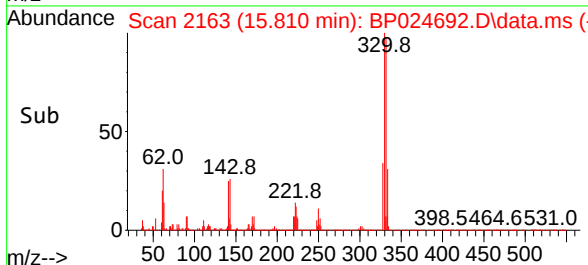
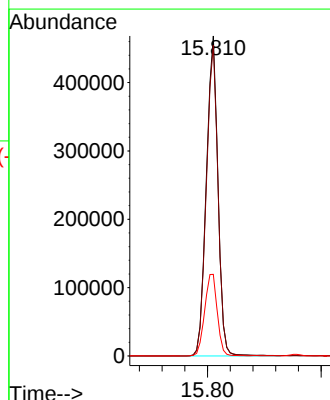
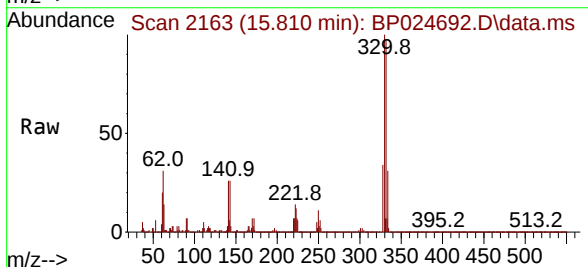
Instrument :
 BNA_P
 ClientSampleId :

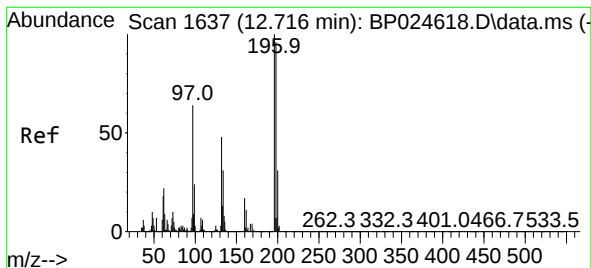
Tgt Ion:237 Resp: 711281
 Ion Ratio Lower Upper
 237 100
 235 63.0 39.9 79.9
 272 14.7 0.0 33.2



#42
 2,4,6-Tribromophenol
 Concen: 92.891 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: BP024692.D
 Acq: 19 May 2025 16:57

Tgt Ion:330 Resp: 661723
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.4
 141 27.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 45.204 ng

RT: 12.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

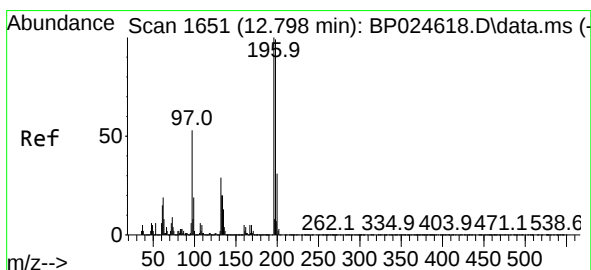
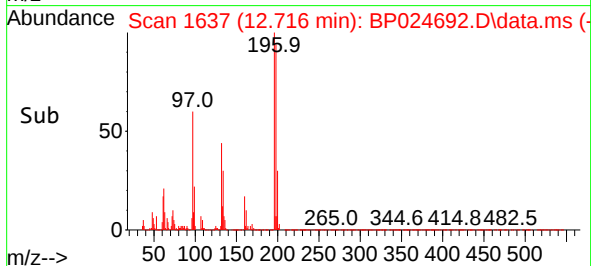
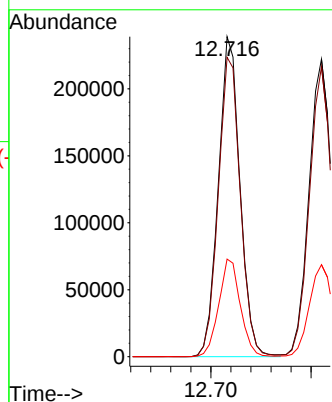
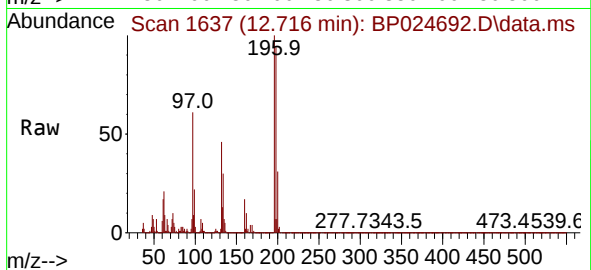
Tgt Ion:196 Resp: 357272

Ion Ratio Lower Upper

196 100

198 93.5 76.9 115.3

200 30.5 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 44.107 ng

RT: 12.810 min Scan# 1653

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Tgt Ion:196 Resp: 388038

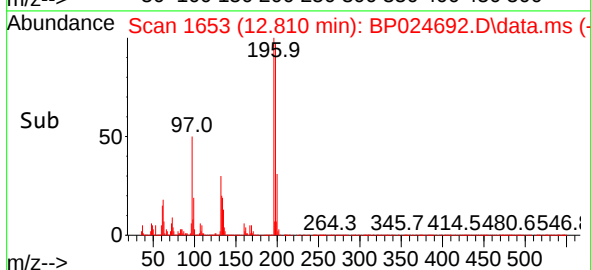
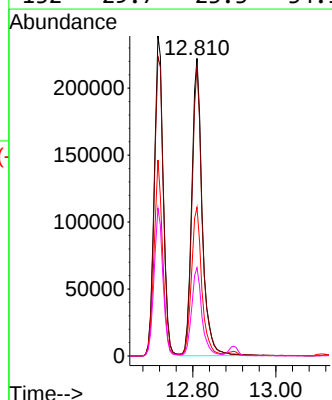
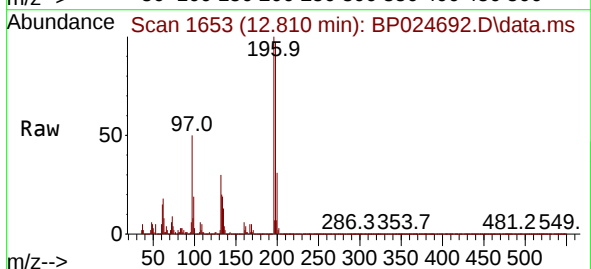
Ion Ratio Lower Upper

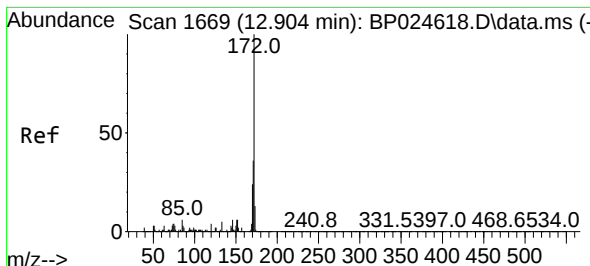
196 100

198 97.5 79.2 118.8

97 50.0 42.3 63.5

132 29.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 62.344 ng

RT: 12.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

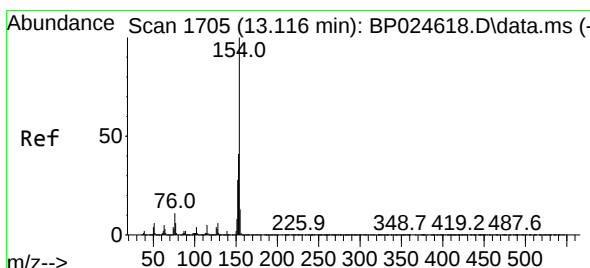
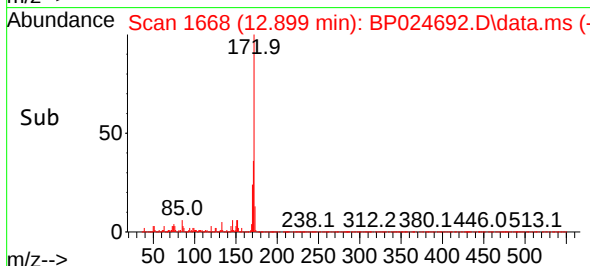
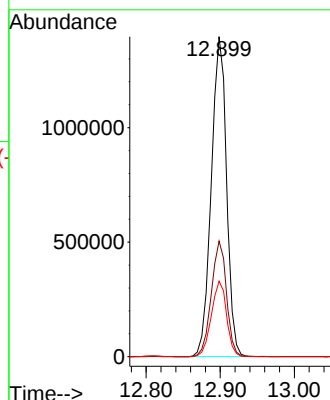
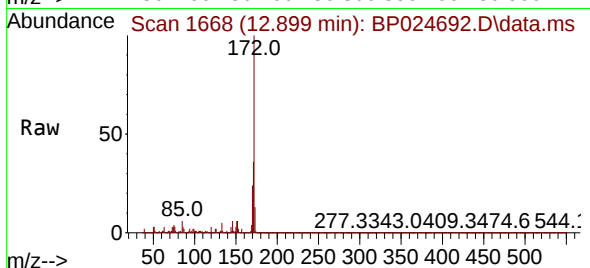
Tgt Ion:172 Resp: 1999584

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 43.897 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

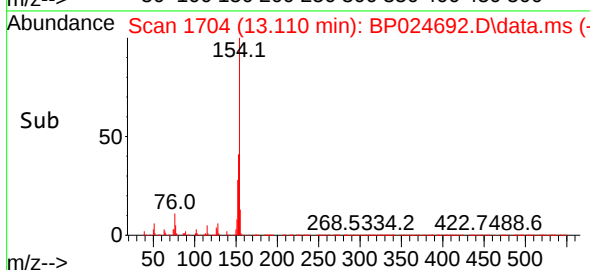
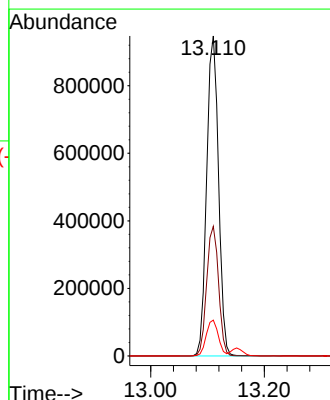
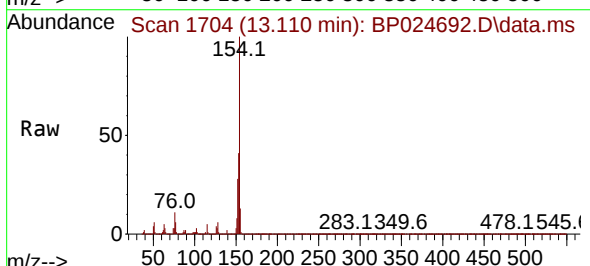
Tgt Ion:154 Resp: 1363337

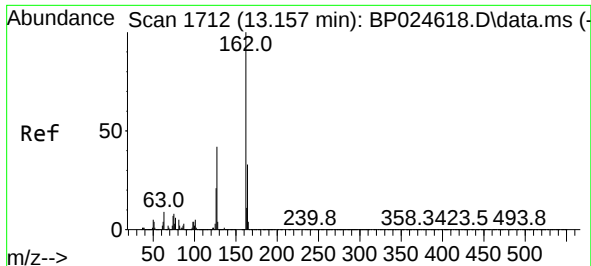
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 11.2 0.0 31.5

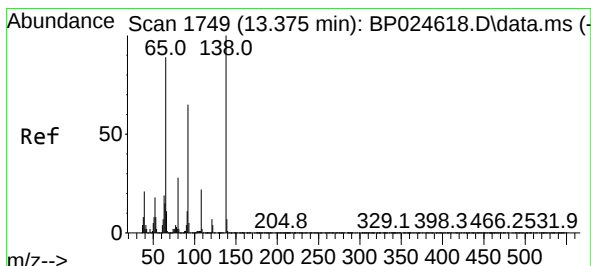
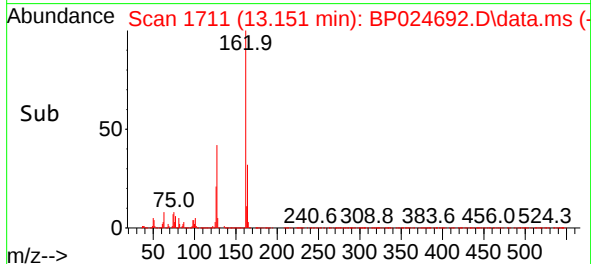
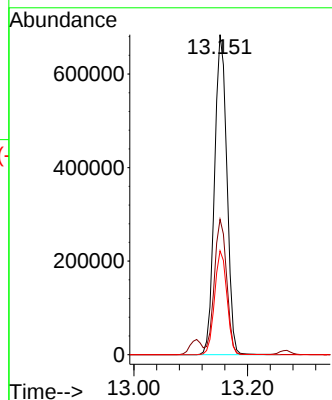
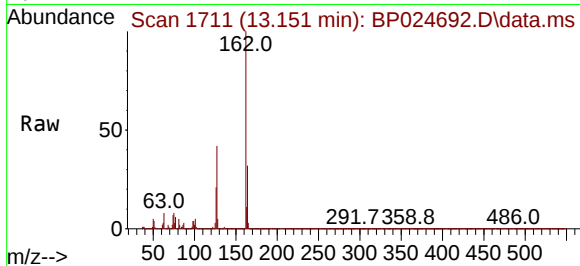




#47
2-Chloronaphthalene
Concen: 43.540 ng
RT: 13.151 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

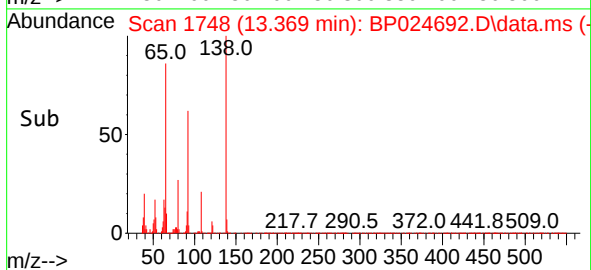
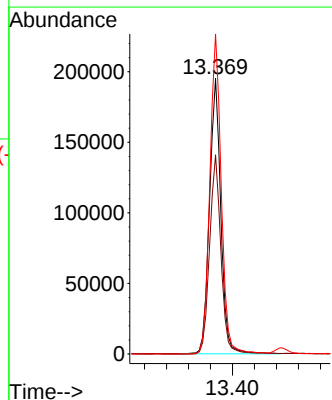
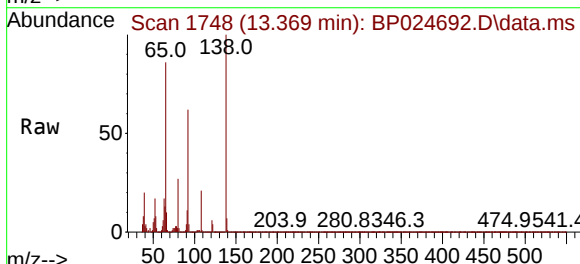
Instrument :
BNA_P
ClientSampleId :

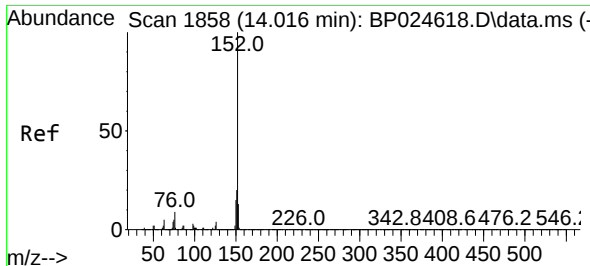
Tgt Ion:162 Resp: 1031049
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.6
164 32.4 26.0 39.0



#48
2-Nitroaniline
Concen: 39.978 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

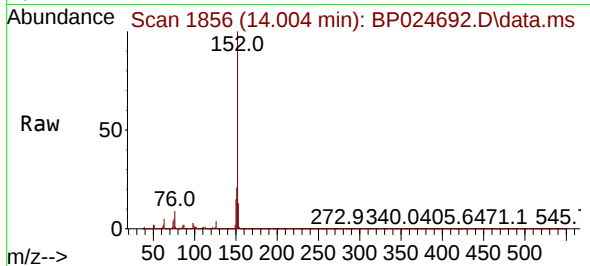
Tgt Ion: 65 Resp: 280282
Ion Ratio Lower Upper
65 100
92 72.3 58.7 88.1
138 116.2 90.2 135.2



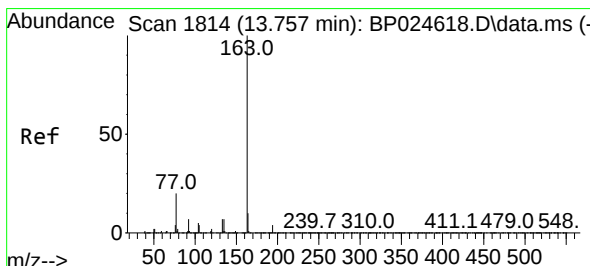
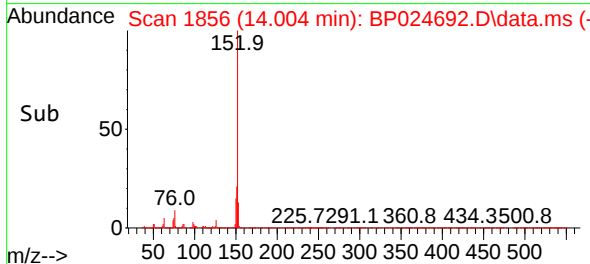
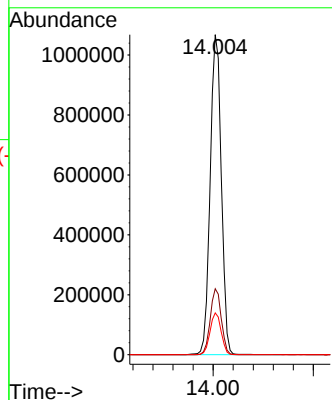


#49
Acenaphthylene
Concen: 41.494 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

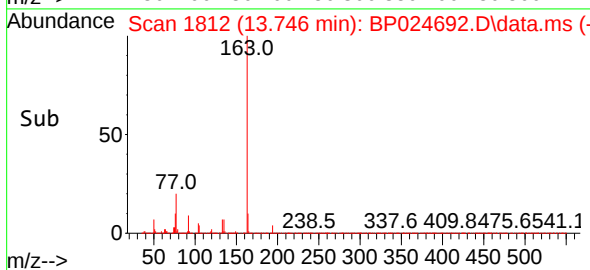
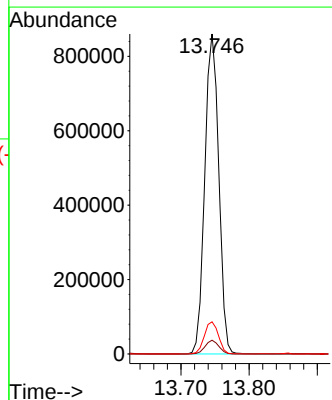
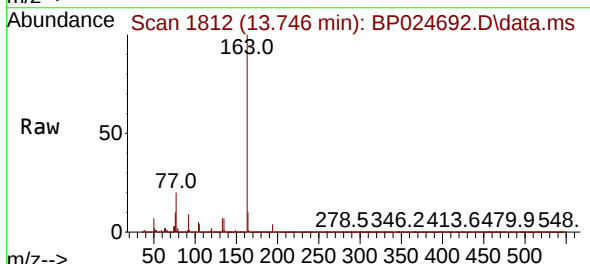


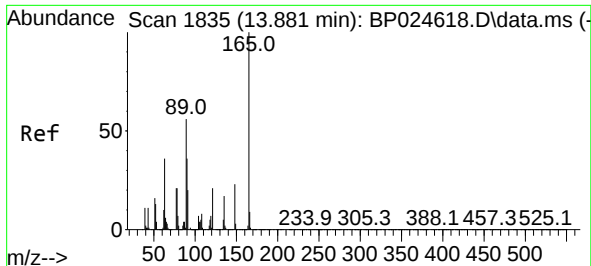
Tgt Ion:152 Resp: 1644347
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 38.305 ng
RT: 13.746 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:163 Resp: 1226815
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.1 12.1

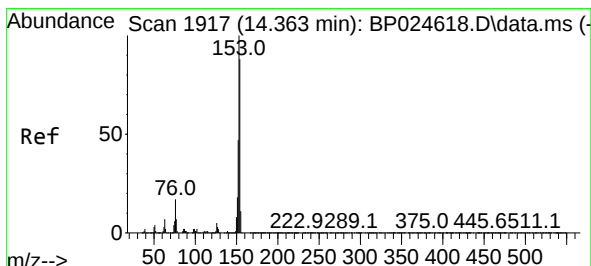
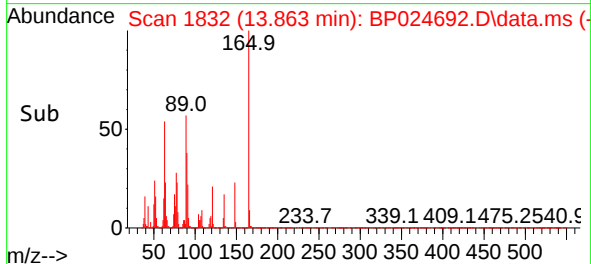
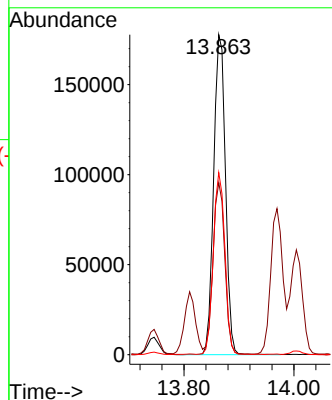
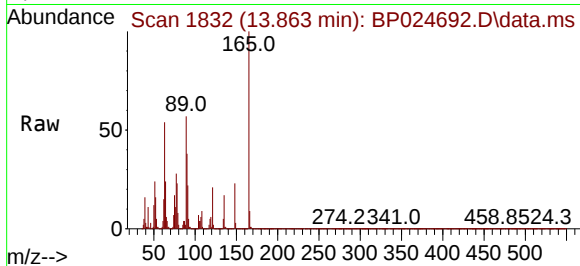




#51
2,6-Dinitrotoluene
Concen: 39.070 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

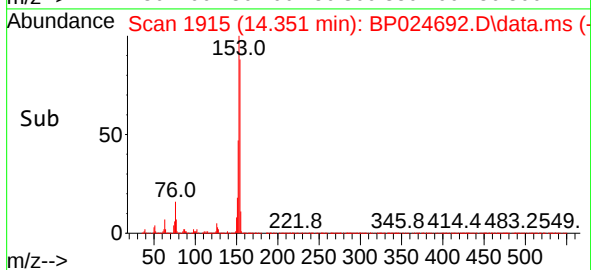
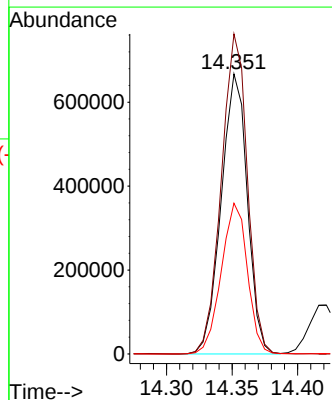
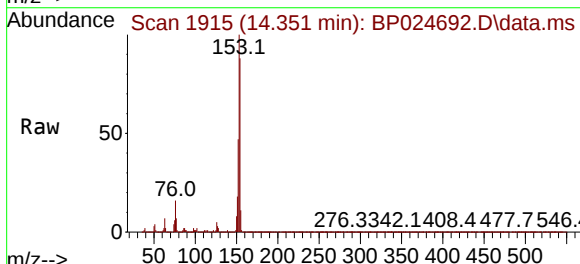
Instrument :
BNA_P
ClientSampleId :

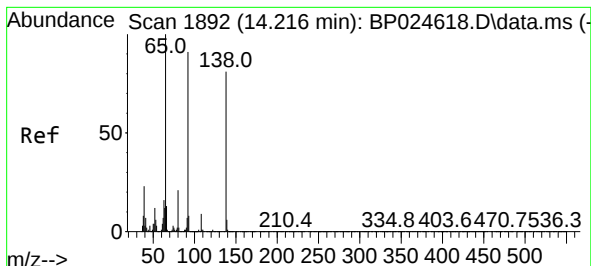
Tgt Ion:165 Resp: 264271
Ion Ratio Lower Upper
165 100
63 53.7 42.4 63.6
89 56.9 44.8 67.2



#52
Acenaphthene
Concen: 40.572 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

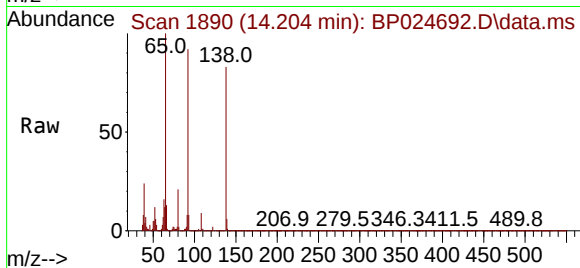
Tgt Ion:154 Resp: 924318
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 53.8 42.9 64.3



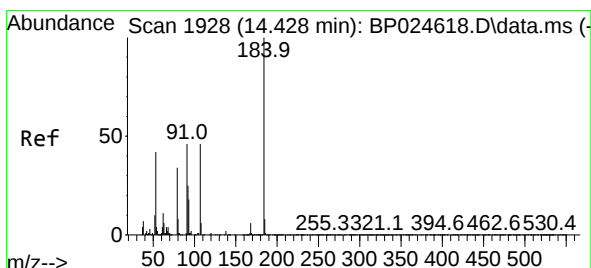
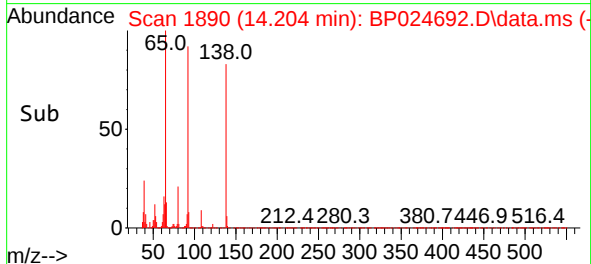
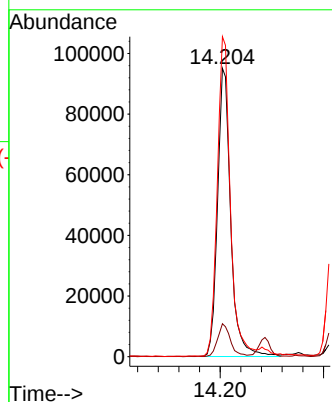


#53
3-Nitroaniline
Concen: 24.299 ng
RT: 14.204 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

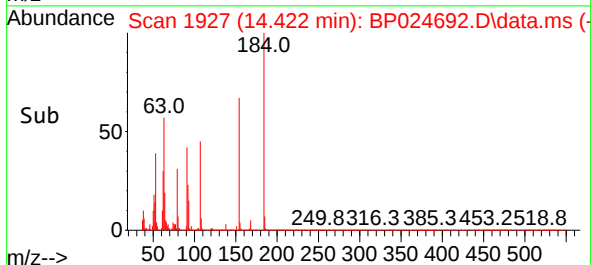
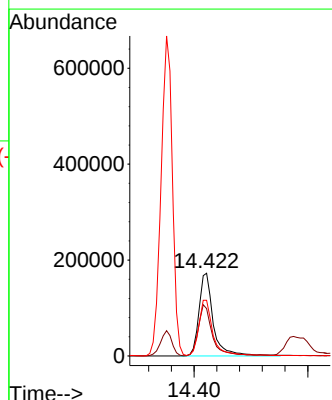
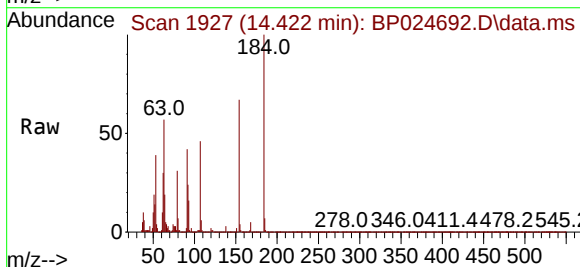


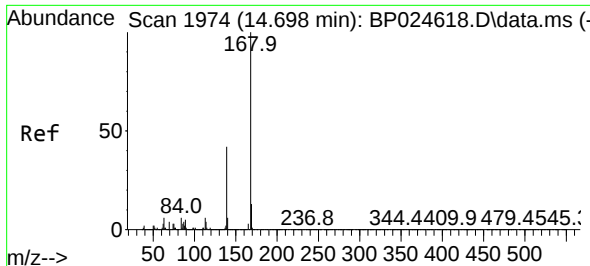
Tgt Ion:138 Resp: 167821
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 111.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 71.789 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

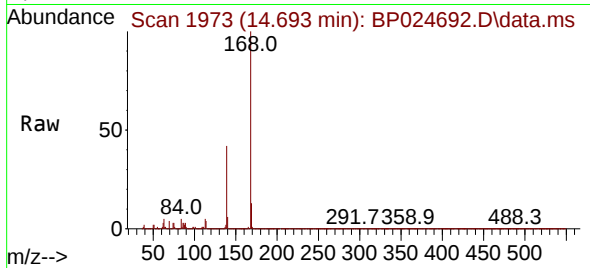
Tgt Ion:184 Resp: 303159
Ion Ratio Lower Upper
184 100
63 57.3 51.3 76.9
154 67.4 53.5 80.3



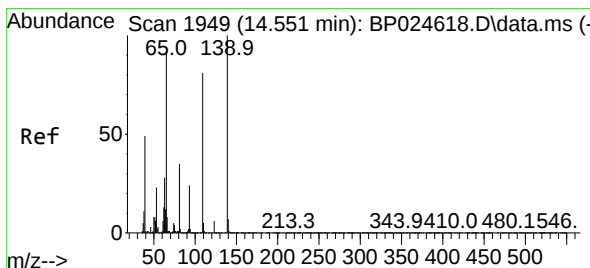
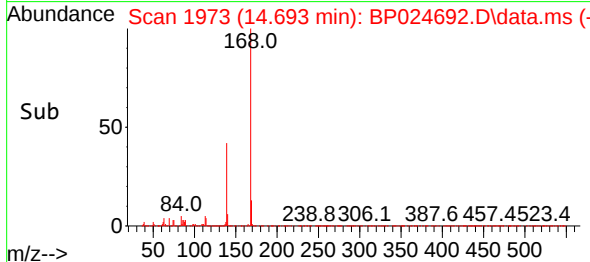
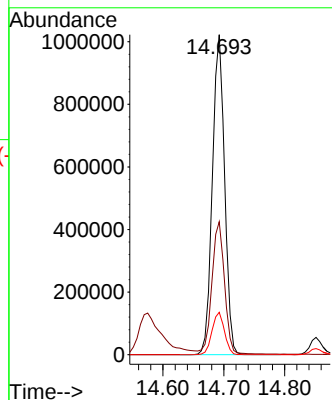


#55
Dibenzenofuran
Concen: 39.172 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

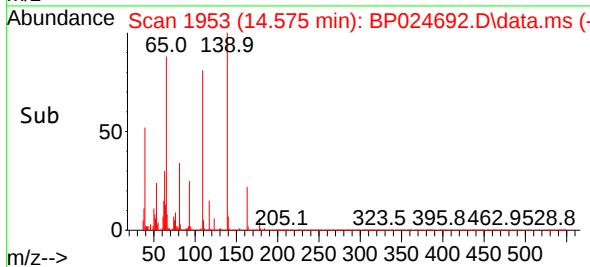
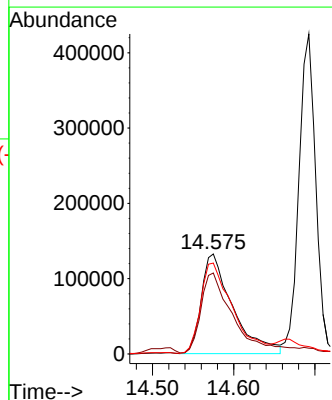
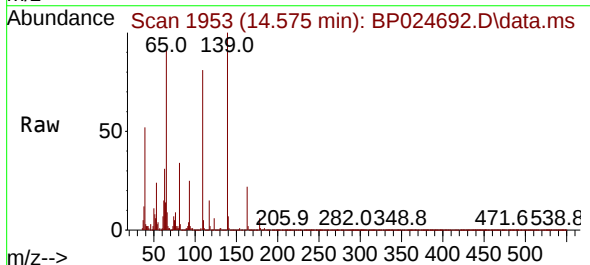


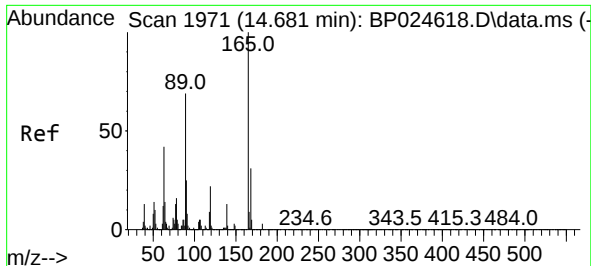
Tgt Ion:168 Resp: 1423464
Ion Ratio Lower Upper
168 100
139 41.6 34.2 51.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 60.409 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

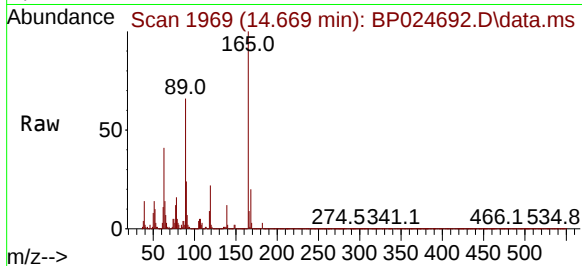
Tgt Ion:139 Resp: 354661
Ion Ratio Lower Upper
139 100
109 81.0 61.4 101.4
65 90.8 72.2 112.2



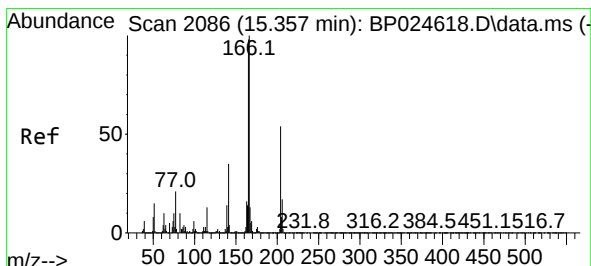
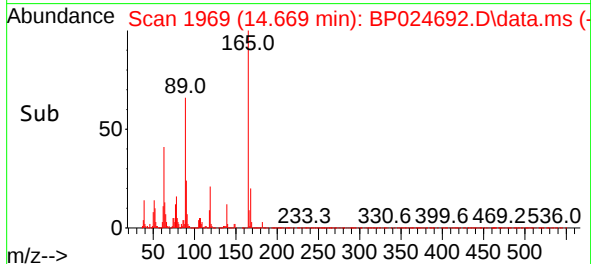
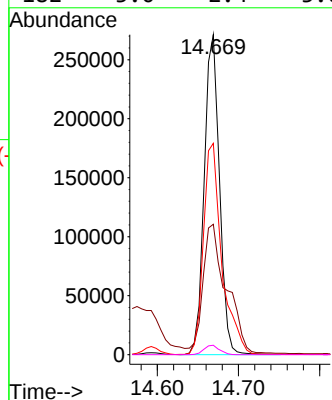


#57
2,4-Dinitrotoluene
Concen: 37.006 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

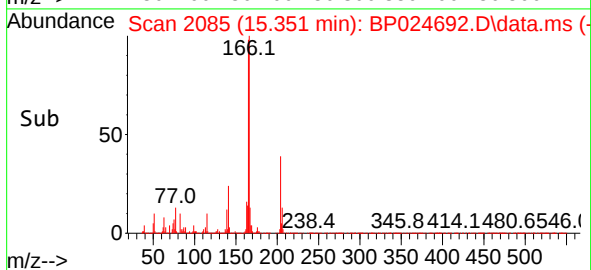
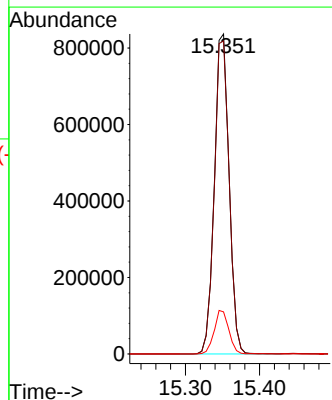
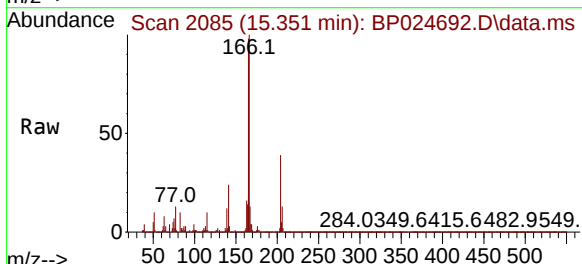


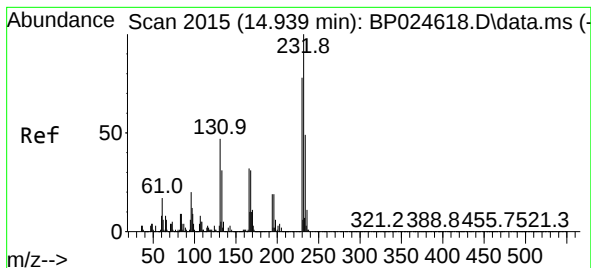
Tgt Ion:165 Resp: 352898
Ion Ratio Lower Upper
165 100
63 40.8 33.8 50.6
89 66.1 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 38.869 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:166 Resp: 1151688
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.2 10.7 16.1

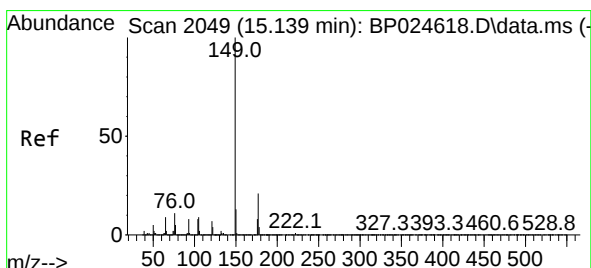
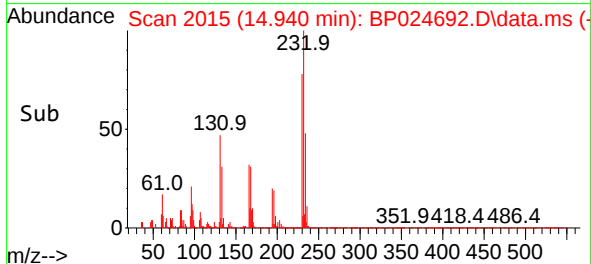
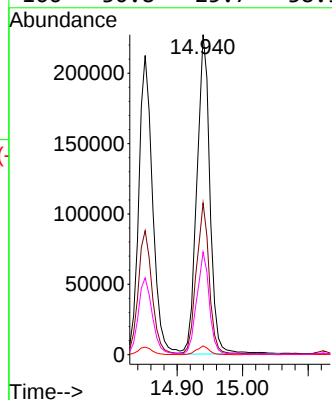
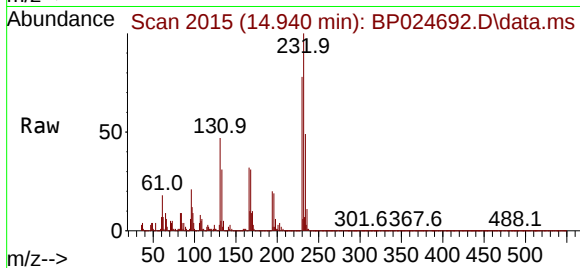




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.372 ng
RT: 14.940 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

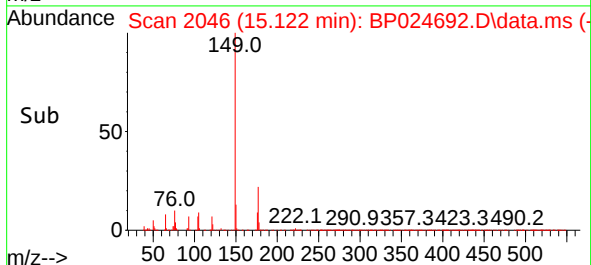
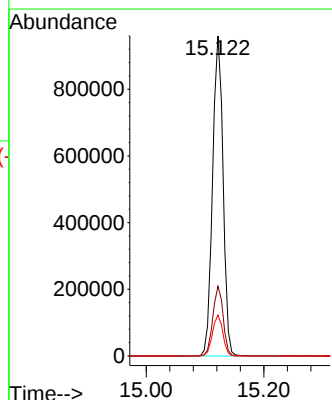
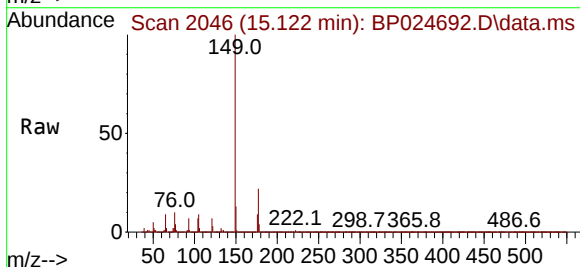
Instrument :
BNA_P
ClientSampleId :

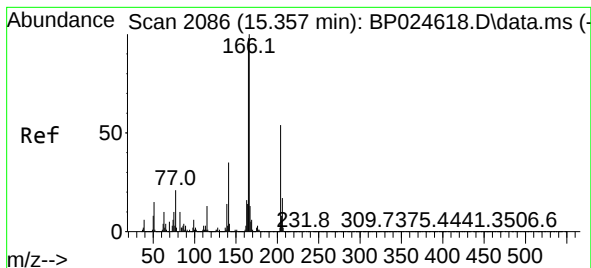
Tgt Ion:232 Resp: 313160
Ion Ratio Lower Upper
232 100
131 46.3 39.5 59.3
130 2.6 2.2 3.4
166 30.8 25.7 38.5



#60
Diethylphthalate
Concen: 36.620 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:149 Resp: 1185410
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.8 10.2 15.2

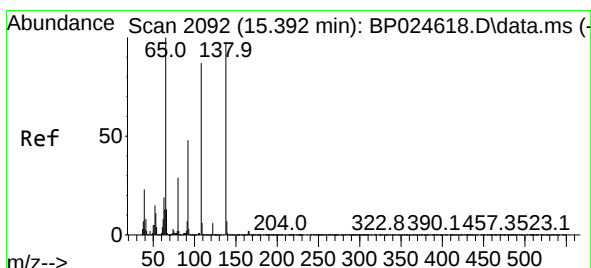
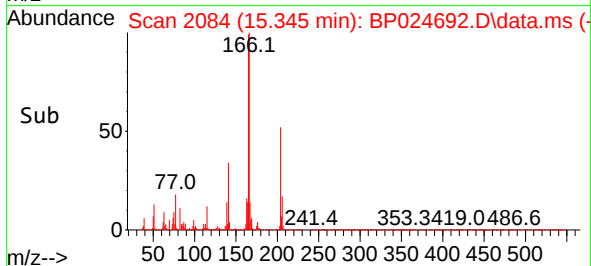
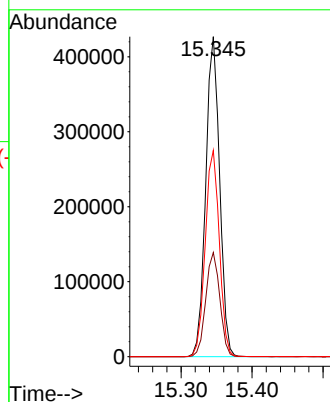
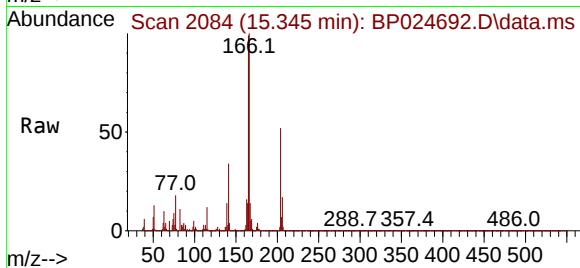




#61
4-Chlorophenyl-phenylether
Concen: 39.324 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

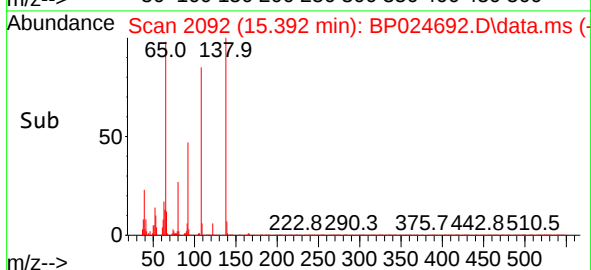
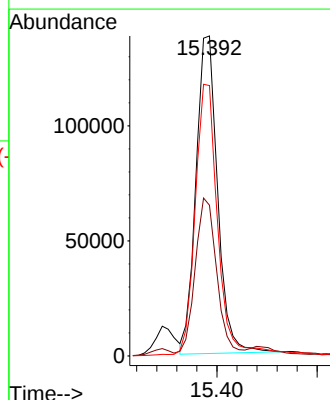
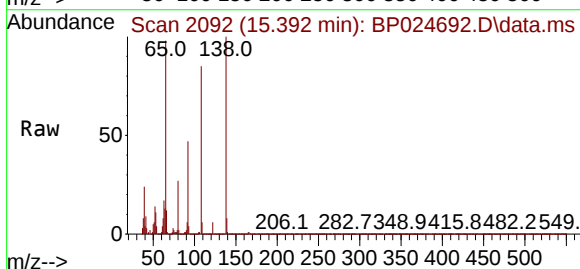
Instrument :
BNA_P
ClientSampleId :

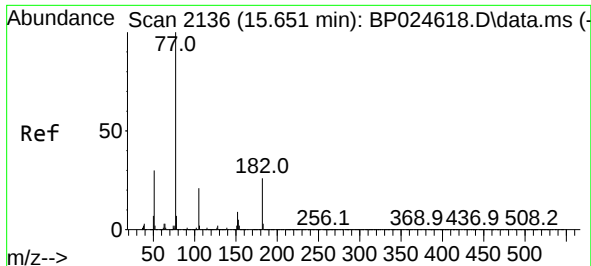
Tgt Ion:204 Resp: 581085
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 64.5 52.9 79.3



#62
4-Nitroaniline
Concen: 31.065 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

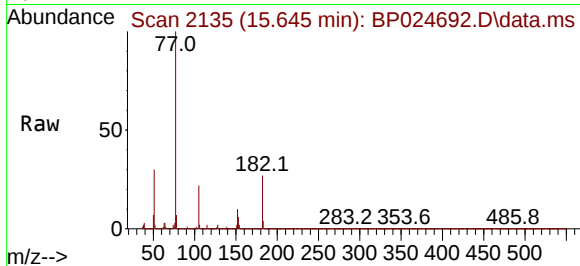
Tgt Ion:138 Resp: 207171
Ion Ratio Lower Upper
138 100
92 47.1 29.2 69.2
108 84.5 69.0 109.0



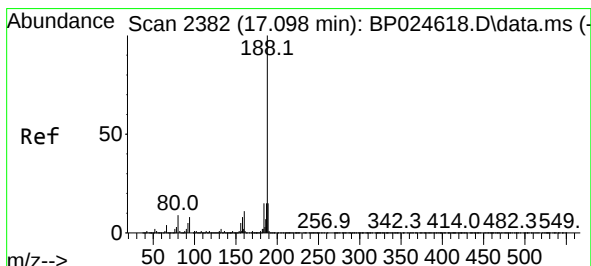
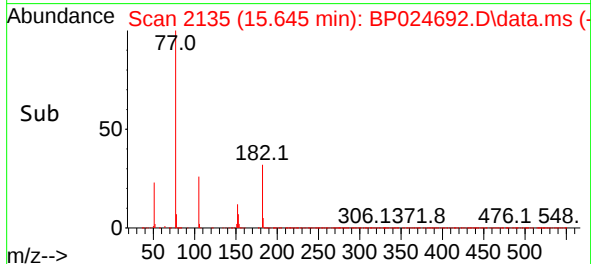
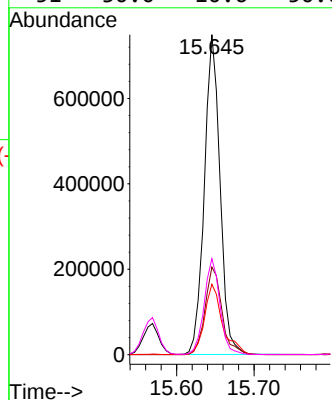


#63
Azobenzene
Concen: 37.995 ng
RT: 15.645 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Instrument :
BNA_P
ClientSampleId :

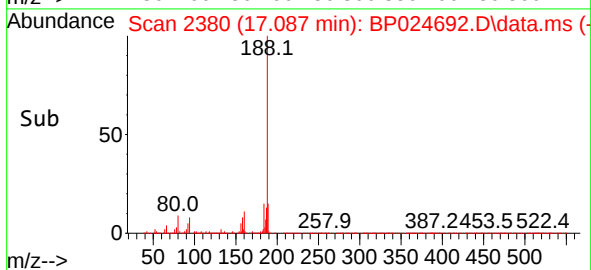
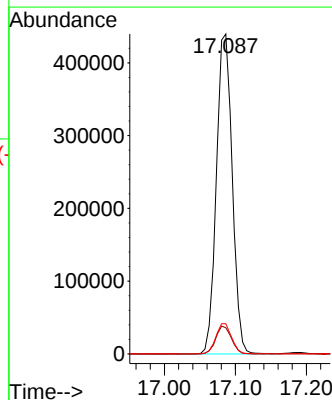
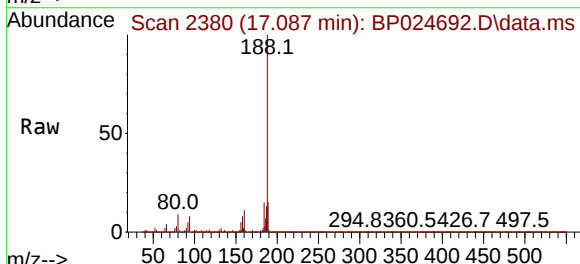


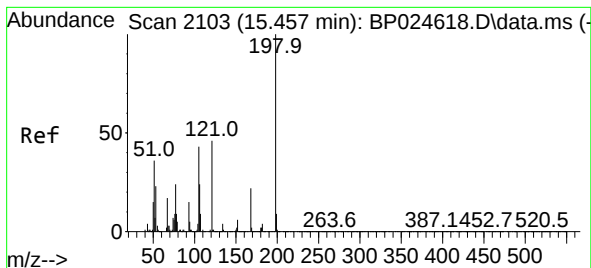
Tgt Ion: 77 Resp: 1052163
Ion Ratio Lower Upper
77 100
182 27.4 5.7 45.7
105 22.0 1.3 41.3
51 30.0 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:188 Resp: 679242
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 9.5 7.3 10.9

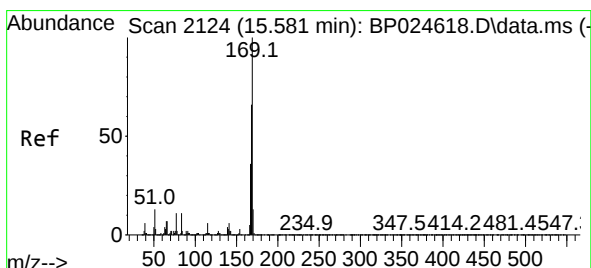
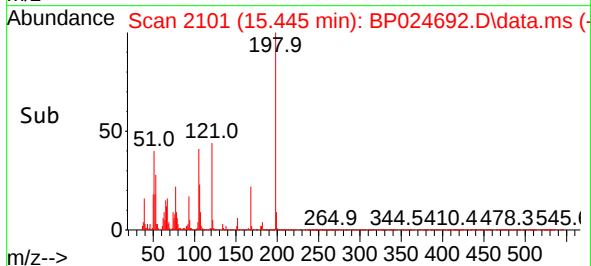
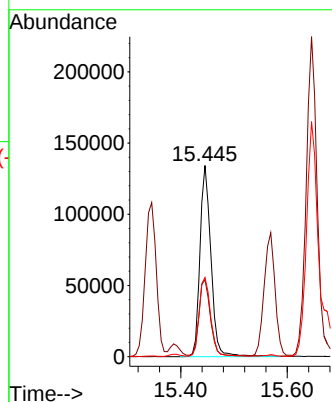
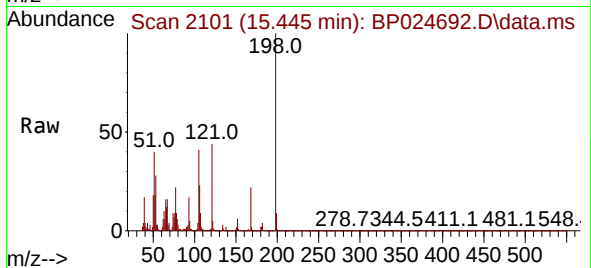




#65
4,6-Dinitro-2-methylphenol
Concen: 43.862 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

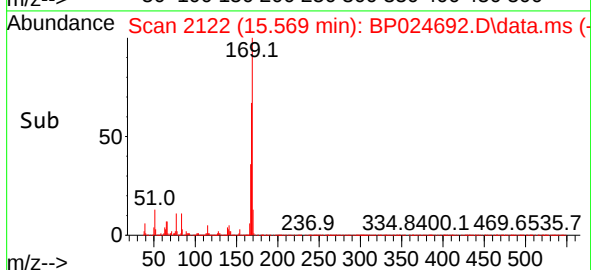
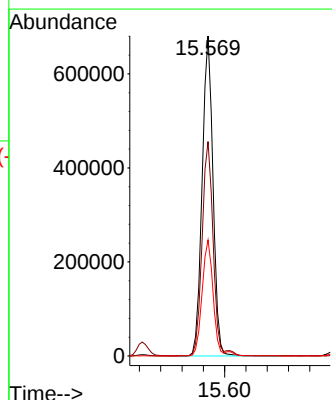
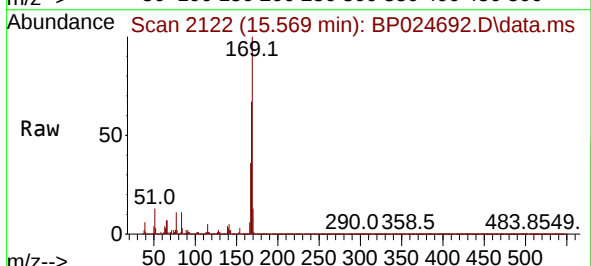
Instrument :
BNA_P
ClientSampleId :

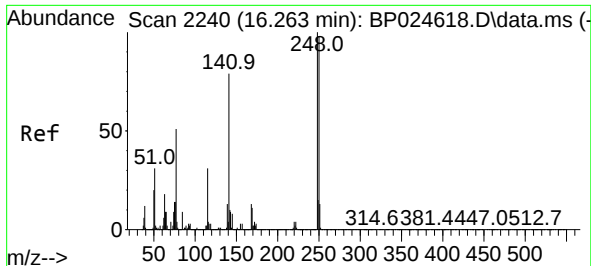
Tgt Ion:198 Resp: 192444
Ion Ratio Lower Upper
198 100
51 40.3 21.1 61.1
105 41.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.990 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:169 Resp: 959522
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.2 28.6 43.0

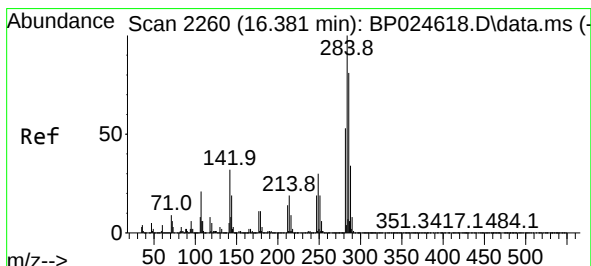
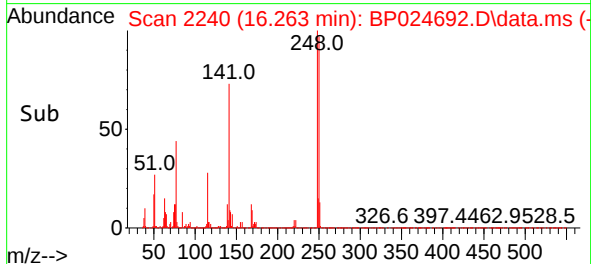
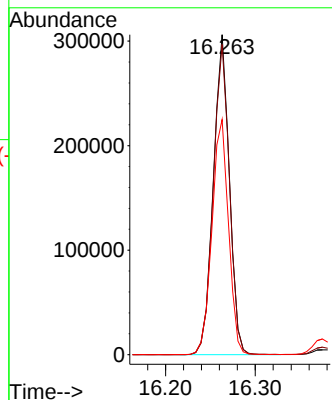
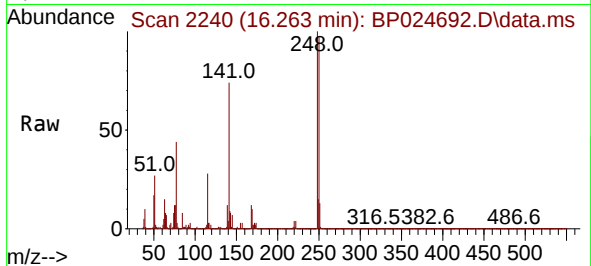




#67
4-Bromophenyl-phenylether
Concen: 47.454 ng
RT: 16.263 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

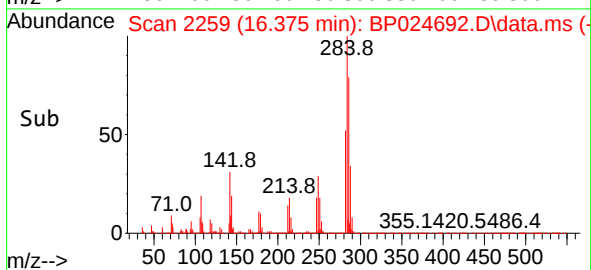
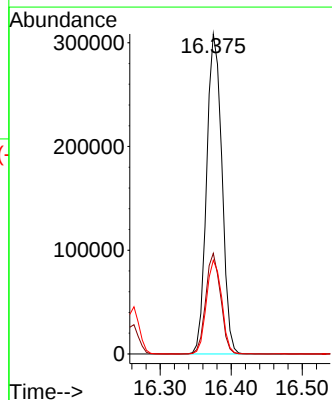
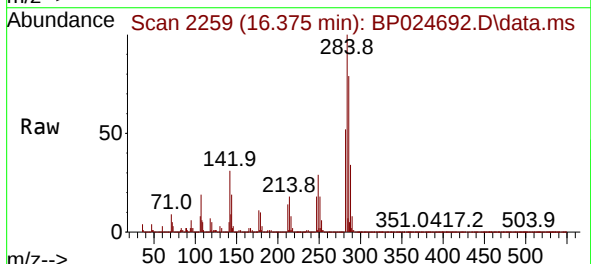
Instrument :
BNA_P
ClientSampleId :

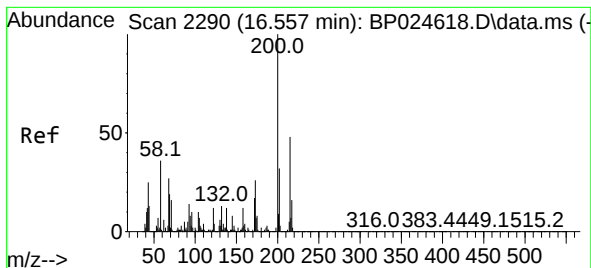
Tgt Ion:248 Resp: 379814
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.4
141 73.5 63.0 94.6



#68
Hexachlorobenzene
Concen: 45.394 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:284 Resp: 461671
Ion Ratio Lower Upper
284 100
142 31.5 25.9 38.9
249 29.3 24.1 36.1





#69

Atrazine

Concen: 41.336 ng

RT: 16.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

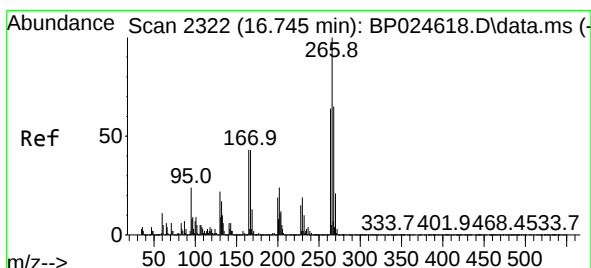
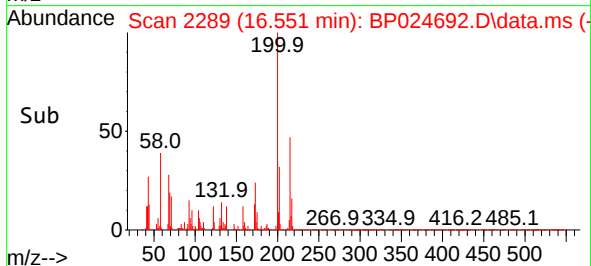
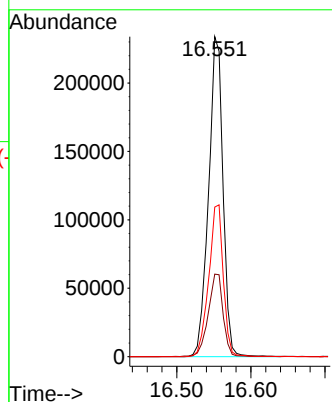
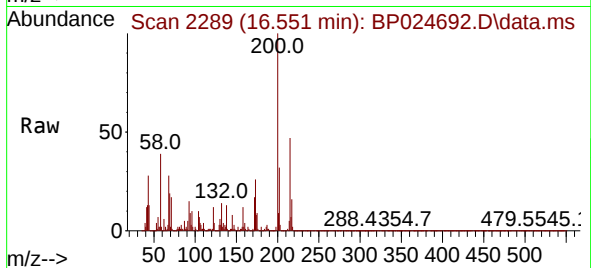
Tgt Ion:200 Resp: 316051

Ion Ratio Lower Upper

200 100

173 25.8 5.9 45.9

215 46.8 28.3 68.3



#70

Pentachlorophenol

Concen: 88.819 ng

RT: 16.739 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

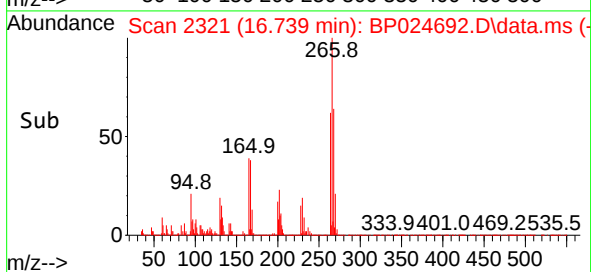
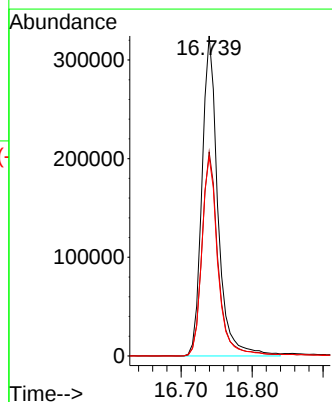
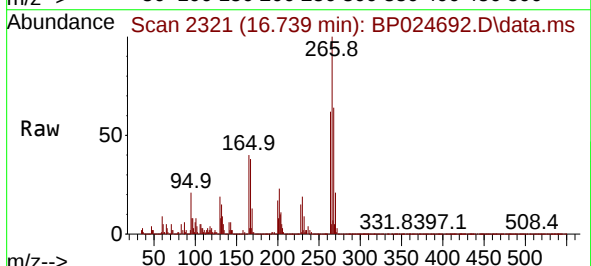
Tgt Ion:266 Resp: 507077

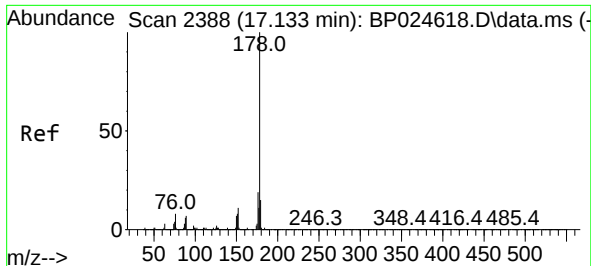
Ion Ratio Lower Upper

266 100

268 63.8 52.2 78.4

264 62.2 51.1 76.7

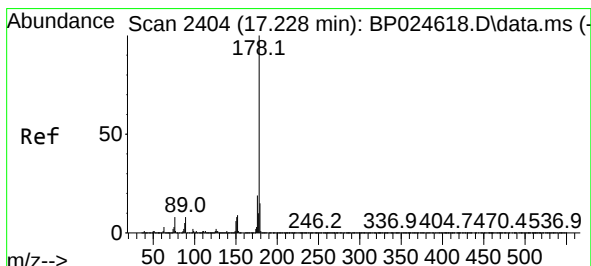
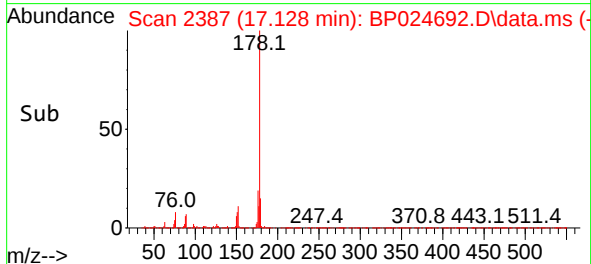
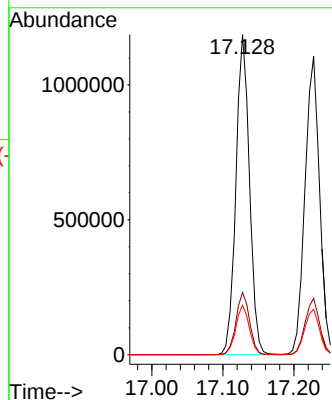
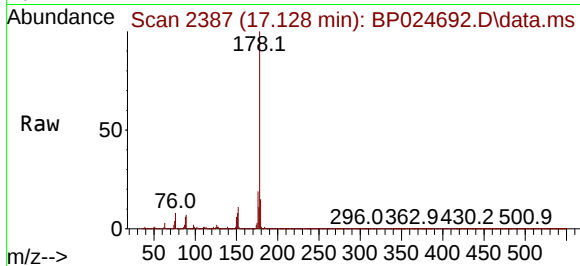




#71
Phenanthrene
Concen: 41.726 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

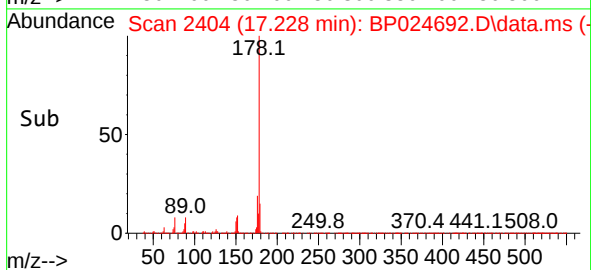
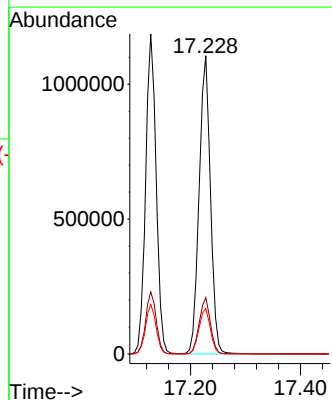
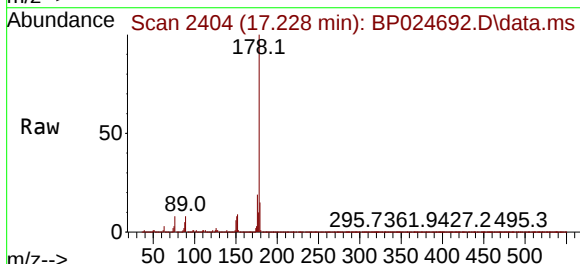
Instrument :
BNA_P
ClientSampleId :

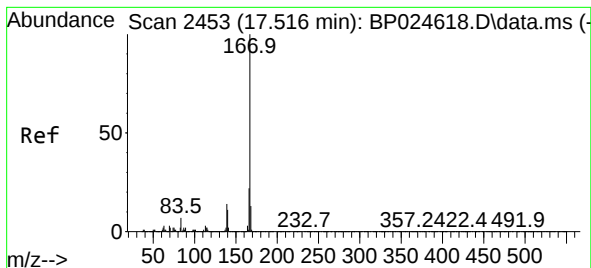
Tgt Ion:178 Resp: 1575554
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 41.592 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:178 Resp: 1580121
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.2 12.2 18.2





#73

Carbazole

Concen: 39.171 ng

RT: 17.510 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

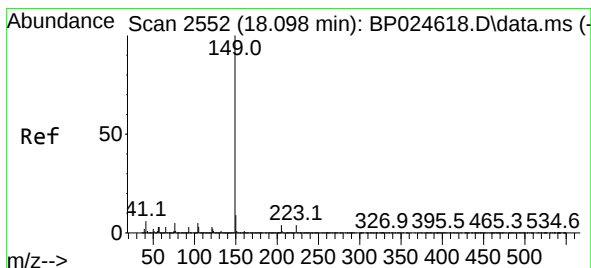
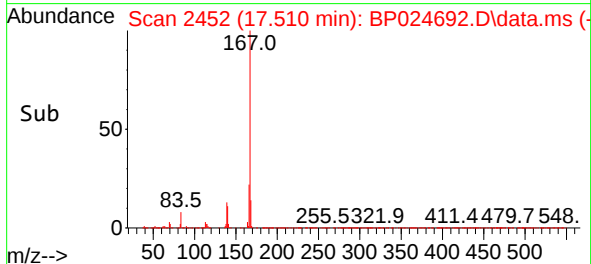
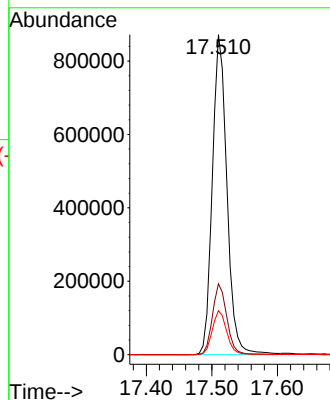
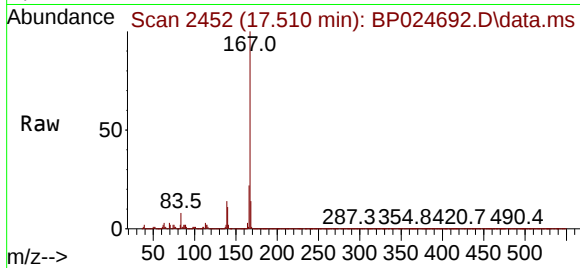
Tgt Ion:167 Resp: 1346907

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 13.8 11.3 16.9



#74

Di-n-butylphthalate

Concen: 40.773 ng

RT: 18.098 min Scan# 2552

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

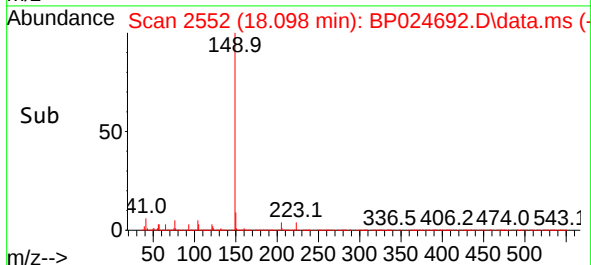
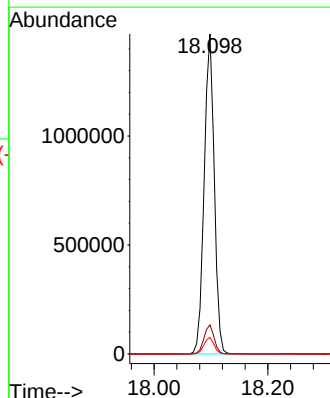
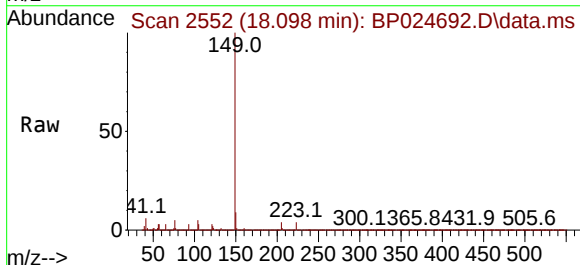
Tgt Ion:149 Resp: 1803089

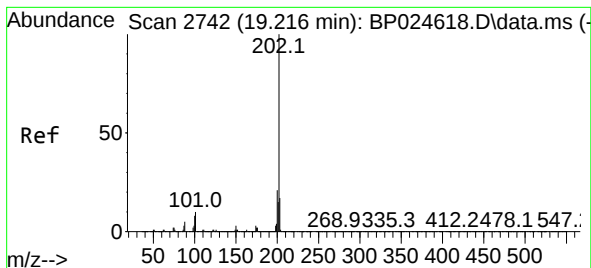
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 37.153 ng

RT: 19.216 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

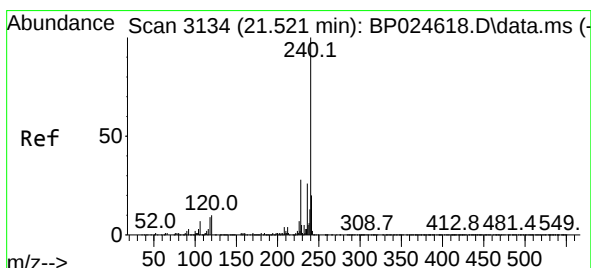
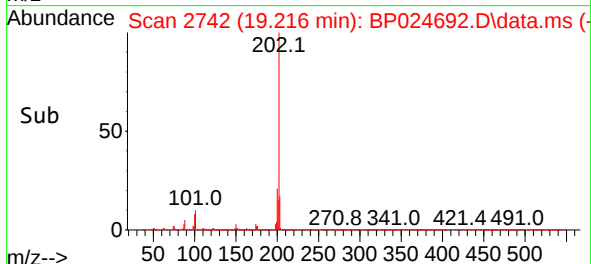
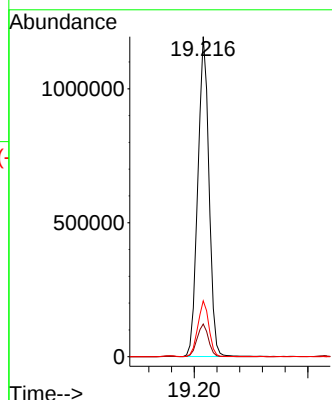
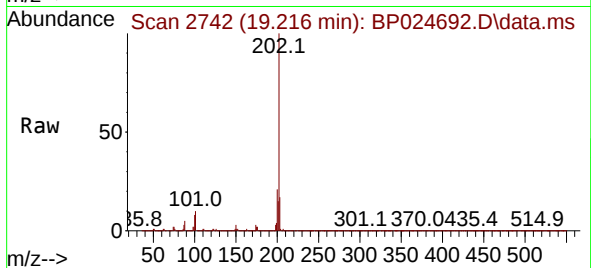
Tgt Ion:202 Resp: 1639877

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

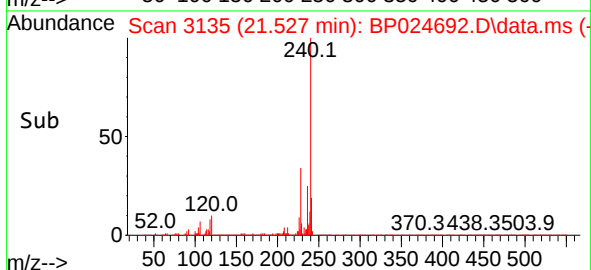
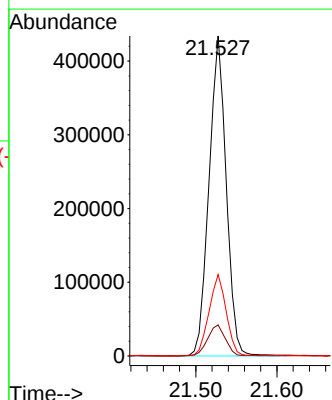
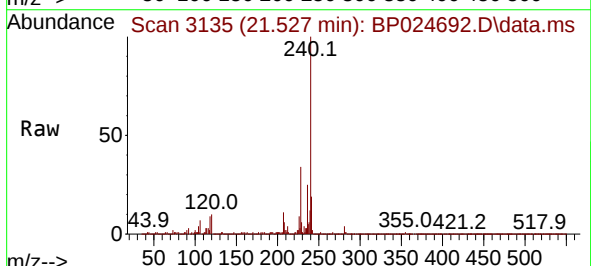
Tgt Ion:240 Resp: 638666

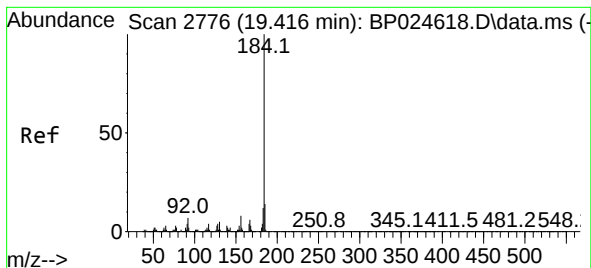
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.4 20.6 31.0





#77

Benzidine

Concen: 38.128 ng

RT: 19.428 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

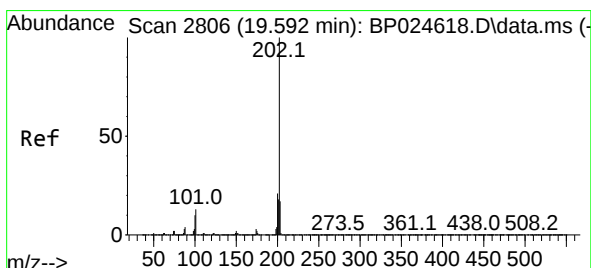
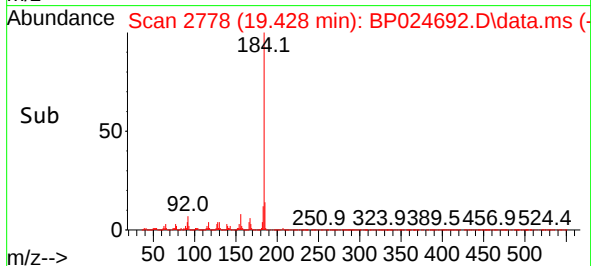
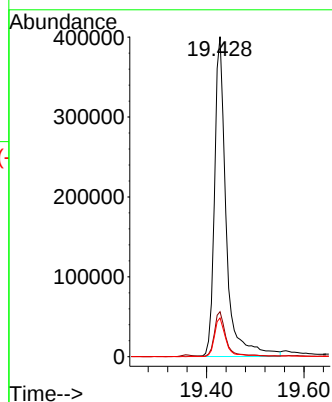
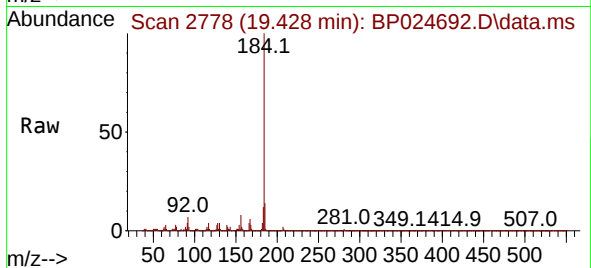
Tgt Ion:184 Resp: 663223

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 12.1 9.8 14.8



#78

Pyrene

Concen: 43.173 ng

RT: 19.592 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

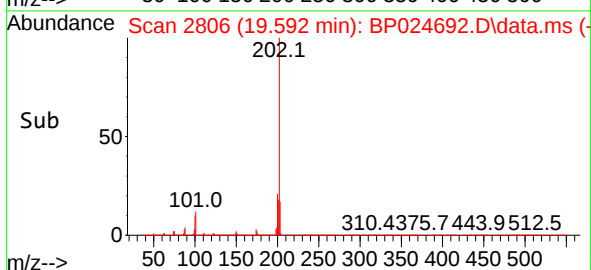
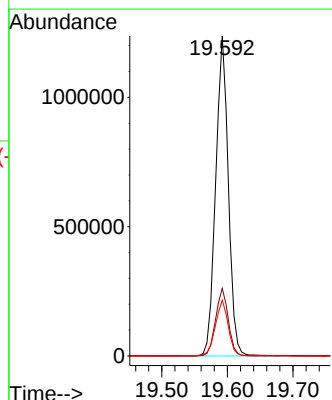
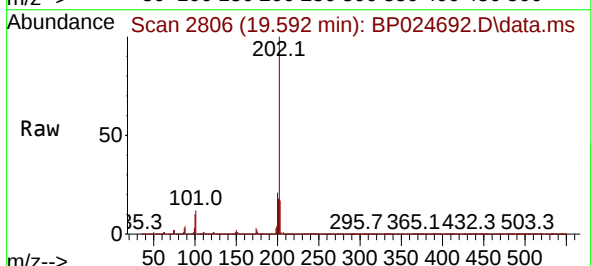
Tgt Ion:202 Resp: 1652101

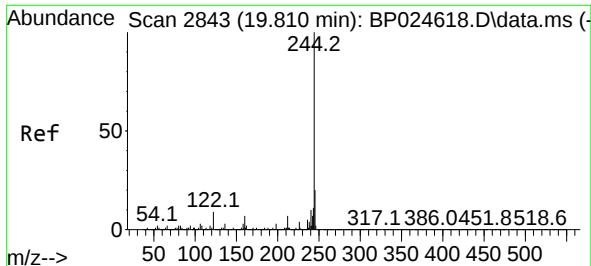
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 13.9 20.9

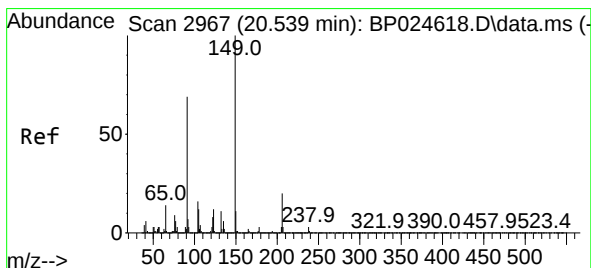
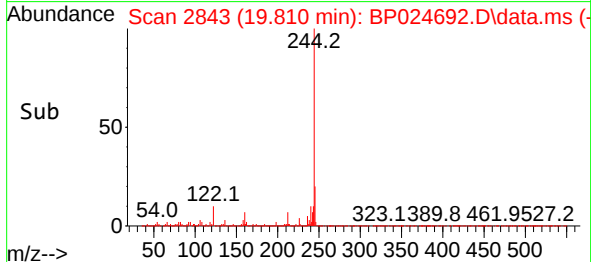
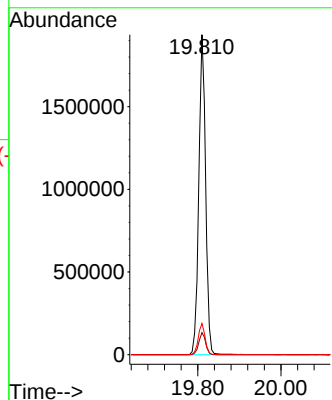
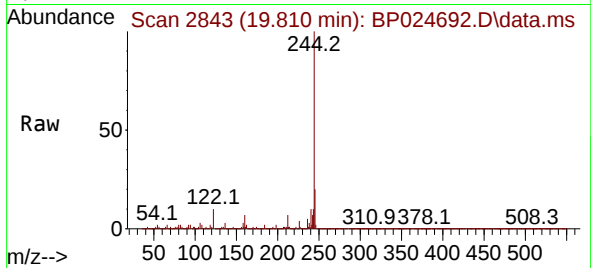




#79
 Terphenyl-d14
 Concen: 59.328 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: BP024692.D
 Acq: 19 May 2025 16:57

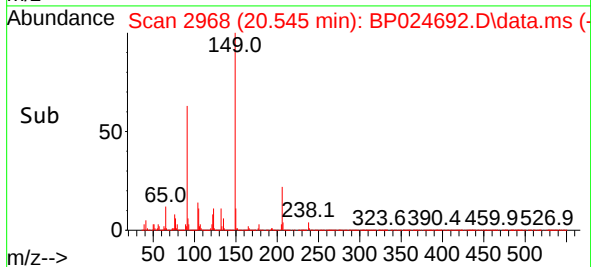
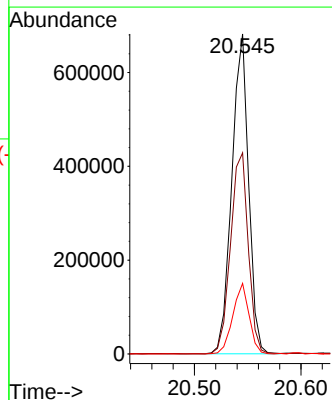
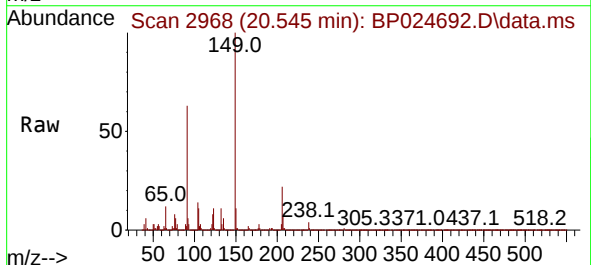
Instrument :
 BNA_P
 ClientSampleId :

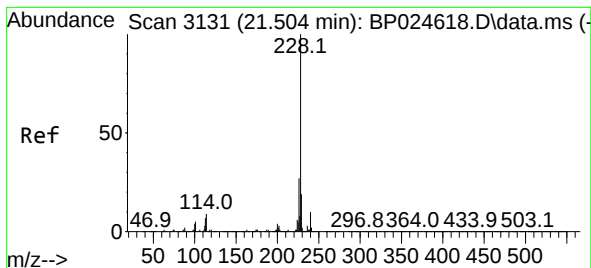
Tgt Ion:244 Resp: 2209762
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.8 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 43.748 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. 0.006 min
 Lab File: BP024692.D
 Acq: 19 May 2025 16:57

Tgt Ion:149 Resp: 744559
 Ion Ratio Lower Upper
 149 100
 91 62.9 55.4 83.0
 206 22.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.851 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

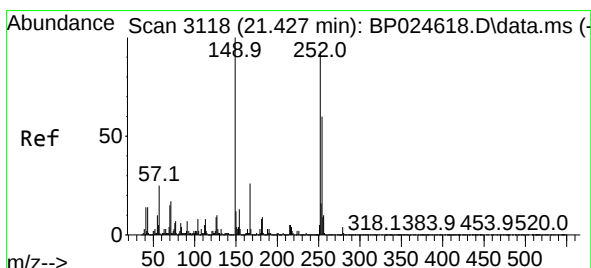
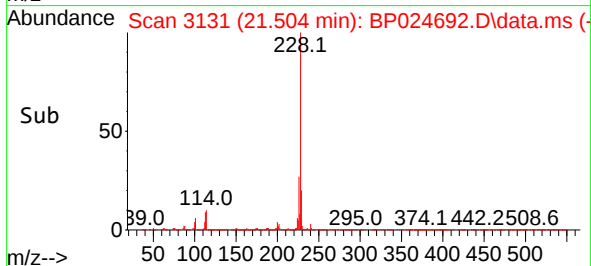
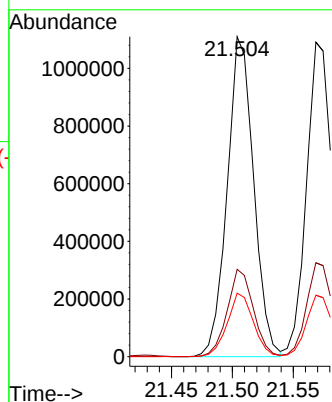
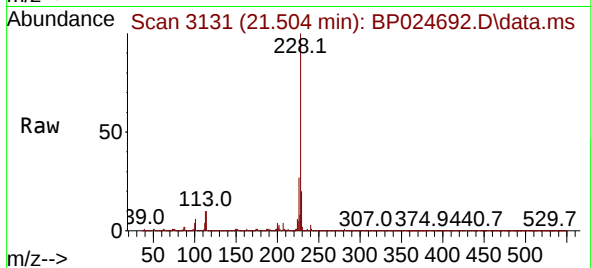
Tgt Ion:228 Resp: 1678348

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 37.029 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

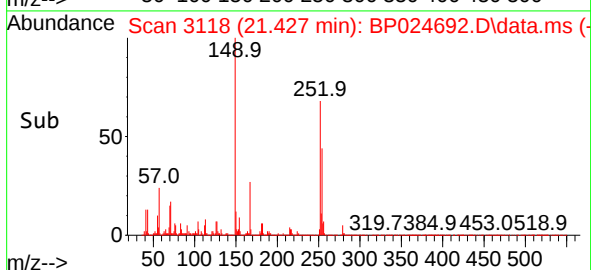
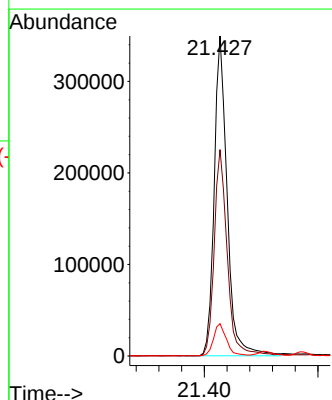
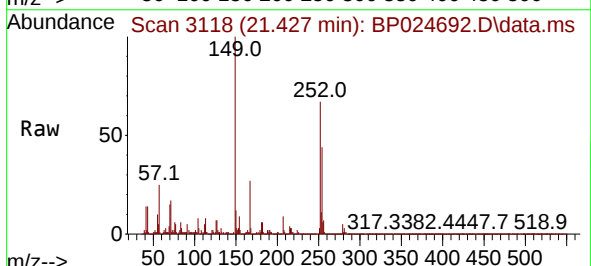
Tgt Ion:252 Resp: 551554

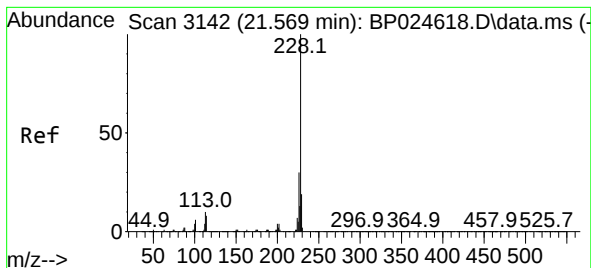
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 10.1 7.7 11.5





#83

Chrysene

Concen: 42.426 ng

RT: 21.569 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

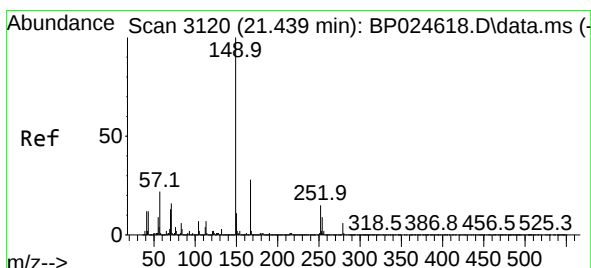
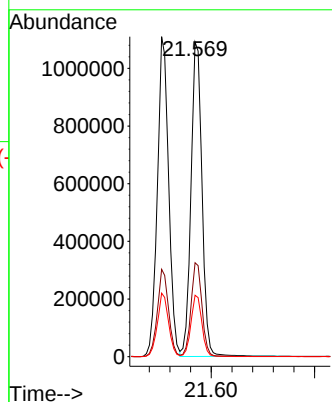
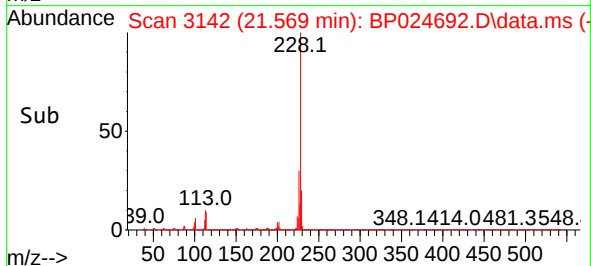
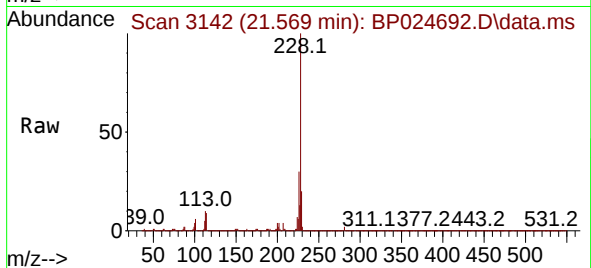
Tgt Ion:228 Resp: 1612852

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.046 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

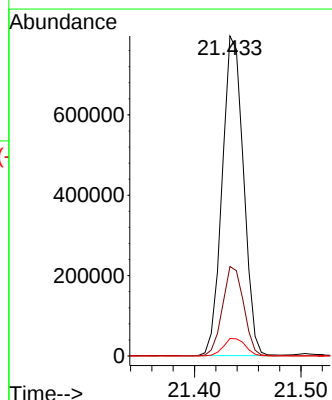
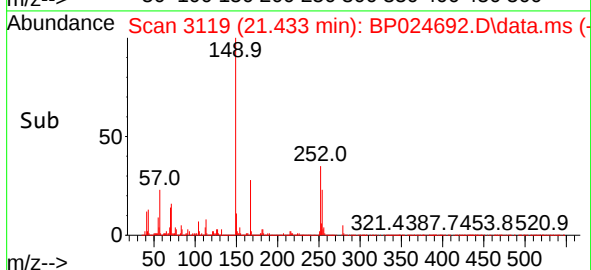
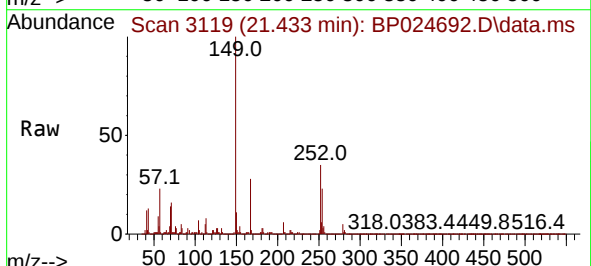
Tgt Ion:149 Resp: 1101805

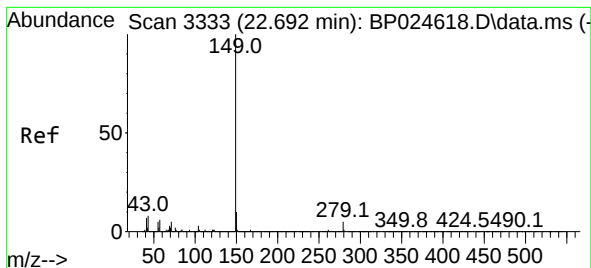
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 47.038 ng

RT: 22.692 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

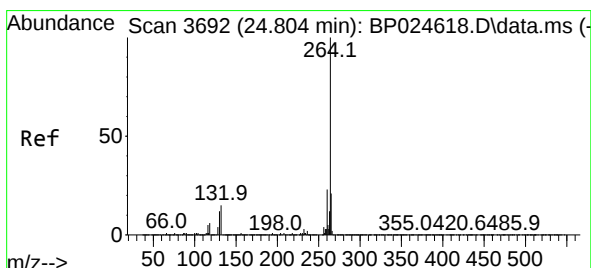
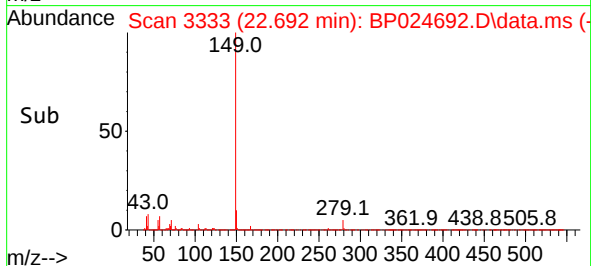
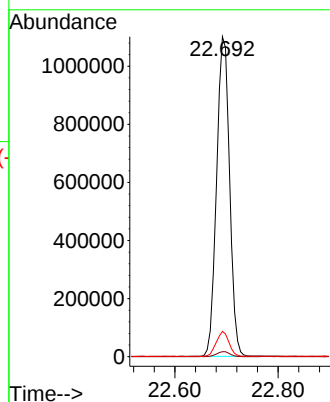
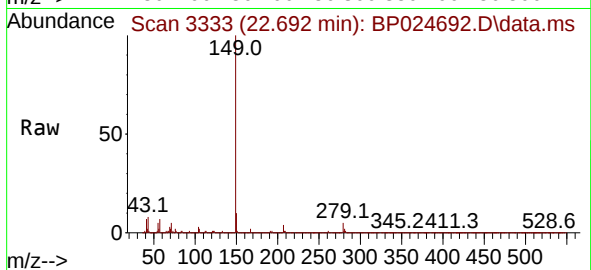
Tgt Ion:149 Resp: 1924172

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

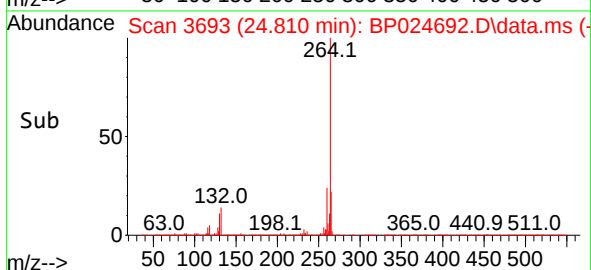
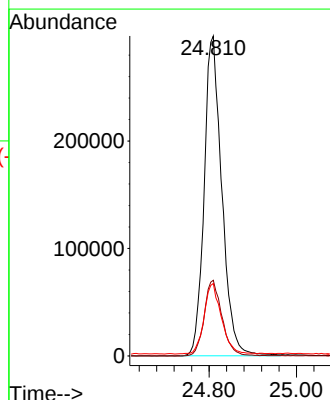
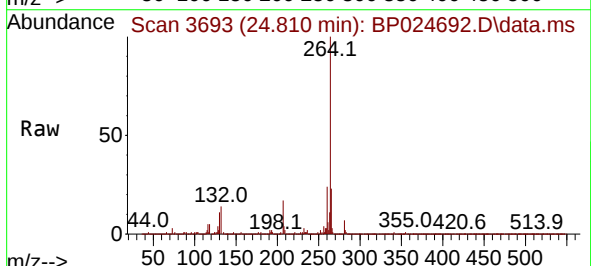
Tgt Ion:264 Resp: 839473

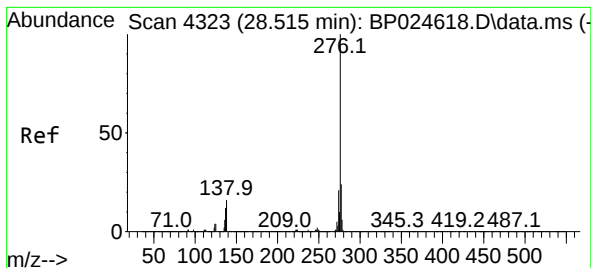
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.235 ng

RT: 28.533 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

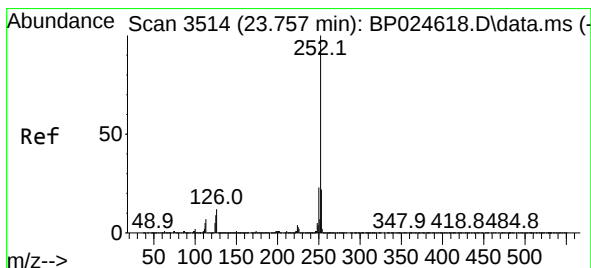
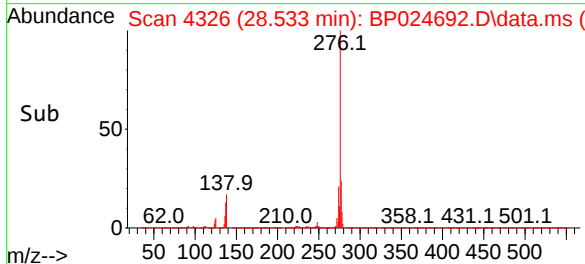
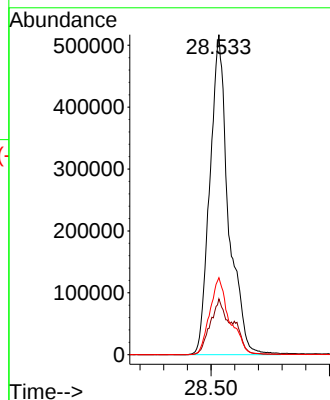
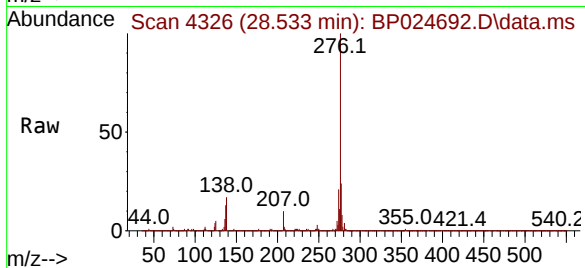
Tgt Ion:276 Resp: 2833559

Ion Ratio Lower Upper

276 100

138 14.9 11.2 16.8

277 25.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 41.810 ng

RT: 23.774 min Scan# 3517

Delta R.T. 0.018 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

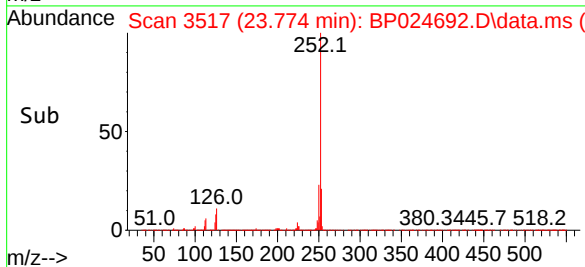
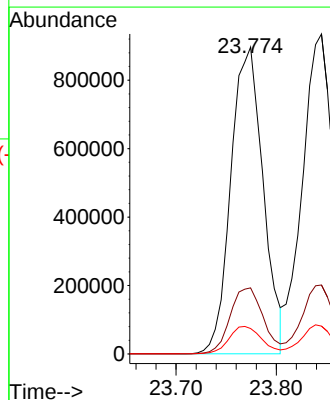
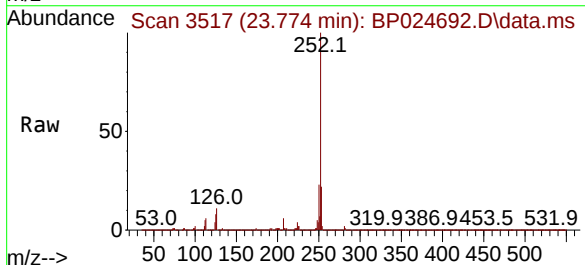
Tgt Ion:252 Resp: 2008973

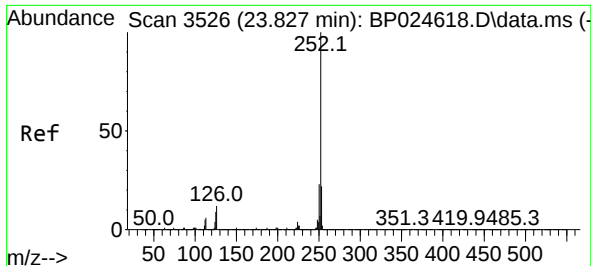
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 8.3 7.5 11.3

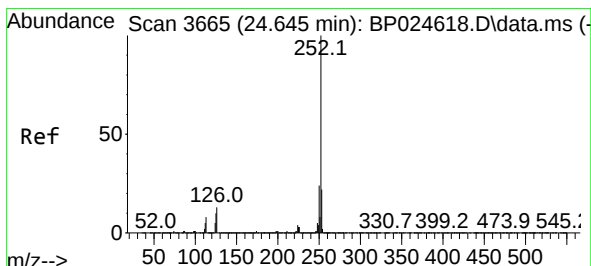
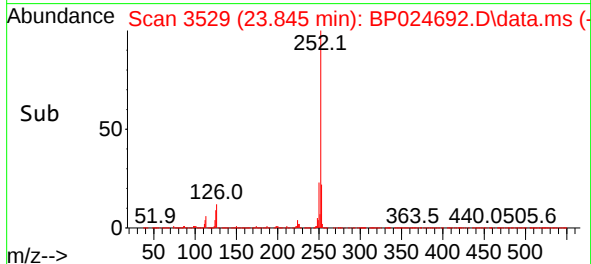
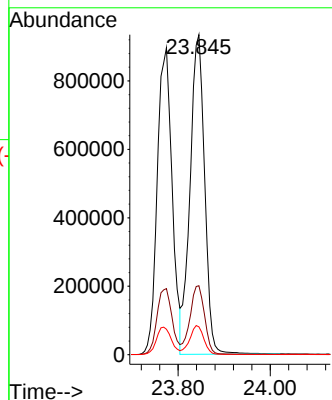
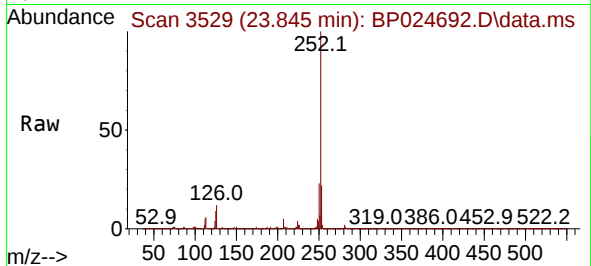




#89
Benzo(k)fluoranthene
Concen: 41.406 ng
RT: 23.845 min Scan# 3526
Delta R.T. 0.018 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

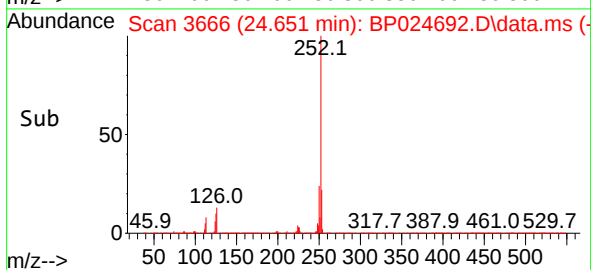
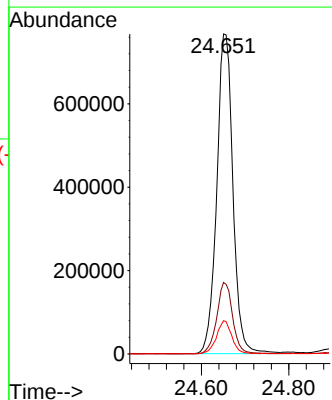
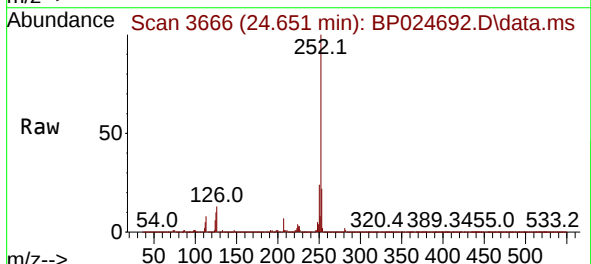
Instrument :
BNA_P
ClientSampleId :

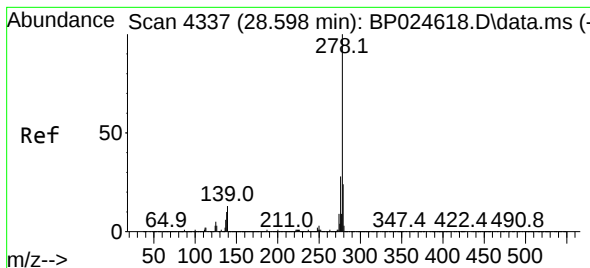
Tgt Ion:252 Resp: 2050124
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.7 7.0 10.4



#90
Benzo(a)pyrene
Concen: 42.575 ng
RT: 24.651 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP024692.D
Acq: 19 May 2025 16:57

Tgt Ion:252 Resp: 1964741
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 46.738 ng

RT: 28.609 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Instrument :

BNA_P

ClientSampleId :

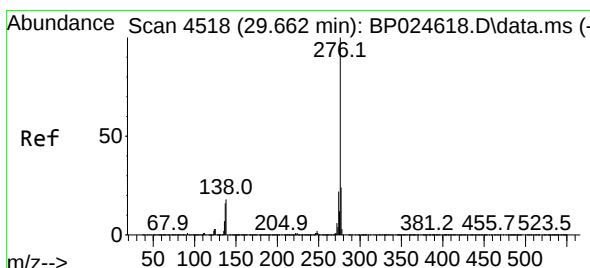
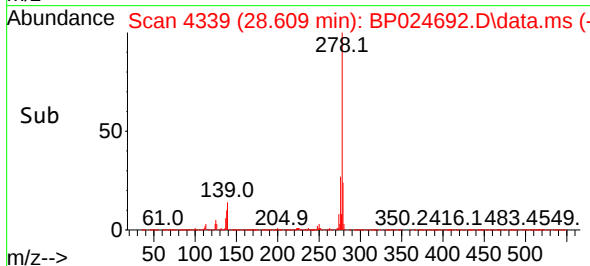
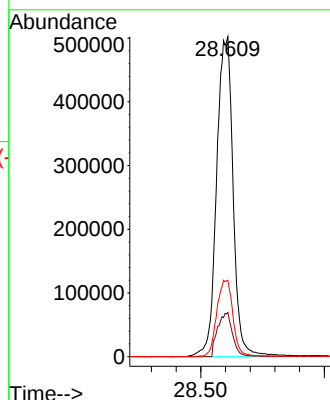
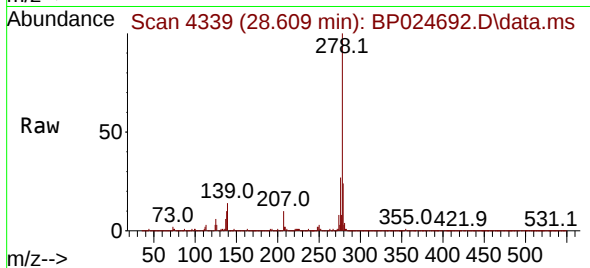
Tgt Ion:278 Resp: 2330309

Ion Ratio Lower Upper

278 100

139 13.9 10.2 15.4

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.299 ng

RT: 29.680 min Scan# 4521

Delta R.T. 0.018 min

Lab File: BP024692.D

Acq: 19 May 2025 16:57

Tgt Ion:276 Resp: 2295562

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 17.7 14.4 21.6

