

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024756.D
 Acq On : 22 May 2025 12:58
 Operator : RC/JU
 Sample : PB168098BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168098BSD

Quant Time: May 22 13:25:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	126327	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	523024	20.000	ng	-0.02
39) Acenaphthene-d10	14.287	164	338733	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	686645	20.000	ng	0.00
76) Chrysene-d12	21.510	240	768545	20.000	ng	-0.01
86) Perylene-d12	24.786	264	835982	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1006990	136.339	ng	0.00
7) Phenol-d6	6.858	99	1245584	132.137	ng	0.00
23) Nitrobenzene-d5	8.805	82	764802	73.883	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	848083	147.685	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1985294	76.786	ng	0.00
79) Terphenyl-d14	19.816	244	3652739	81.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	107291	30.935	ng	98
3) Pyridine	3.617	79	272244	35.401	ng	97
4) n-Nitrosodimethylamine	3.528	42	142518	41.978	ng	95
6) Aniline	6.993	93	278550	22.887	ng	99
8) 2-Chlorophenol	7.234	128	400340	47.747	ng	99
9) Benzaldehyde	6.811	77	221040	36.224	ng	97
10) Phenol	6.881	94	447784	46.024	ng	98
11) bis(2-Chloroethyl)ether	7.087	93	321348	40.196	ng	99
12) 1,3-Dichlorobenzene	7.546	146	411266	42.633	ng	98
13) 1,4-Dichlorobenzene	7.687	146	421327	43.426	ng	98
14) 1,2-Dichlorobenzene	7.999	146	408503	43.209	ng	99
15) Benzyl Alcohol	7.899	79	325668	45.463	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	379444	39.632	ng	99
17) 2-Methylphenol	8.111	107	324116	46.447	ng	98
18) Hexachloroethane	8.716	117	154783	41.631	ng	98
19) n-Nitroso-di-n-propyla...	8.452	70	254858	39.085	ng	96
20) 3+4-Methylphenols	8.440	107	431650	45.474	ng	98
22) Acetophenone	8.469	105	553115	42.336	ng	# 99
24) Nitrobenzene	8.846	77	382330	41.971	ng	94
25) Isophorone	9.369	82	732635	40.802	ng	97
26) 2-Nitrophenol	9.546	139	218042	48.847	ng	98
27) 2,4-Dimethylphenol	9.622	122	369301	46.925	ng	100
28) bis(2-Chloroethoxy)met...	9.840	93	441817	41.185	ng	99
29) 2,4-Dichlorophenol	10.093	162	375212	49.198	ng	97
30) 1,2,4-Trichlorobenzene	10.287	180	383813	44.659	ng	98
31) Naphthalene	10.469	128	1176453	43.406	ng	100
32) Benzoic acid	9.810	122	270871m	49.215	ng	
33) 4-Chloroaniline	10.605	127	165916	15.170	ng	99
34) Hexachlorobutadiene	10.752	225	250650	45.021	ng	96
35) Caprolactam	11.387	113	126254	45.756	ng	98
36) 4-Chloro-3-methylphenol	11.740	107	436668	46.951	ng	99
37) 2-Methylnaphthalene	12.081	142	753865	42.956	ng	99
38) 1-Methylnaphthalene	12.304	142	807085	42.981	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	446029	45.345	ng	100
41) Hexachlorocyclopentadiene	12.434	237	507943	85.162	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	314461	49.357	ng	99

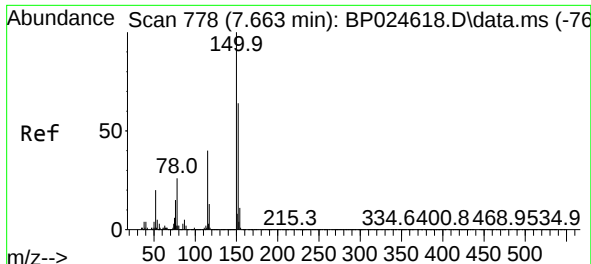
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 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	349258	49.247	ng	96
46) 1,1'-Biphenyl	13.104	154	1090713	43.566	ng	99
47) 2-Chloronaphthalene	13.152	162	833303	43.653	ng	99
48) 2-Nitroaniline	13.363	65	249151	44.085	ng	96
49) Acenaphthylene	14.004	152	1391550	43.560	ng	99
50) Dimethylphthalate	13.746	163	1142952	44.269	ng	100
51) 2,6-Dinitrotoluene	13.869	165	247920	45.467	ng	99
52) Acenaphthene	14.351	154	799545	43.536	ng	99
53) 3-Nitroaniline	14.210	138	117478	21.100	ng	96
54) 2,4-Dinitrophenol	14.422	184	322278	92.631	ng	96
55) Dibenzofuran	14.693	168	1288076	43.972	ng	100
56) 4-Nitrophenol	14.563	139	402969	83.411	ng	97
57) 2,4-Dinitrotoluene	14.669	165	365228	47.511	ng	97
58) Fluorene	15.351	166	1071652	44.866	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	317896	48.321	ng	98
60) Diethylphthalate	15.128	149	1184185	45.380	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	547042	45.924	ng	100
62) 4-Nitroaniline	15.393	138	254227m	47.290	ng	
63) Azobenzene	15.645	77	949950	42.554	ng	95
65) 4,6-Dinitro-2-methylph...	15.451	198	218741	49.318	ng	97
66) n-Nitrosodiphenylamine	15.569	169	961369	45.582	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	378264	46.751	ng	97
68) Hexachlorobenzene	16.387	284	480414	46.728	ng	94
69) Atrazine	16.551	200	373961	48.382	ng	98
70) Pentachlorophenol	16.745	266	621802	107.740	ng	99
71) Phenanthrene	17.134	178	1679605	44.002	ng	100
72) Anthracene	17.228	178	1732101	45.101	ng	99
73) Carbazole	17.516	167	1619014	46.577	ng	100
74) Di-n-butylphthalate	18.104	149	2111662	47.236	ng	100
75) Fluoranthene	19.222	202	2044320	45.816	ng	99
77) Benzidine	19.422	184	742781	35.485	ng	99
78) Pyrene	19.592	202	2099503	45.592	ng	99
80) Butylbenzylphthalate	20.545	149	992487	48.461	ng	95
81) Benzo(a)anthracene	21.492	228	2194524	45.475	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	544789	30.394	ng	99
83) Chrysene	21.557	228	2031513	44.408	ng	100
84) Bis(2-ethylhexyl)phtha...	21.428	149	1478644	49.121	ng	99
85) Di-n-octyl phthalate	22.675	149	2442323	49.615	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2735441	44.820	ng	# 92
88) Benzo(b)fluoranthene	23.763	252	2233590	46.679	ng	99
89) Benzo(k)fluoranthene	23.827	252	2248794	45.608	ng	99
90) Benzo(a)pyrene	24.639	252	2120304	46.138	ng	98
91) Dibenzo(a,h)anthracene	28.598	278	2246534	45.246	ng	99
92) Benzo(g,h,i)perylene	29.668	276	2167806	43.905	ng	97

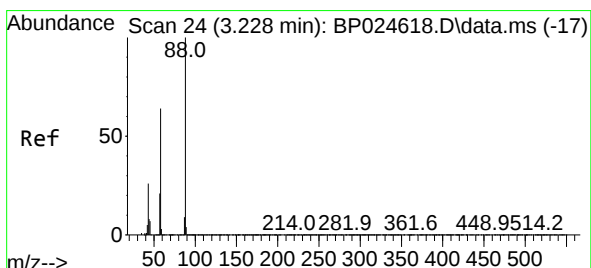
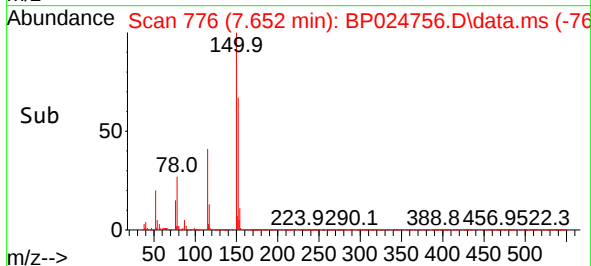
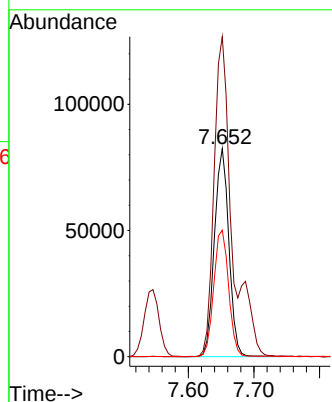
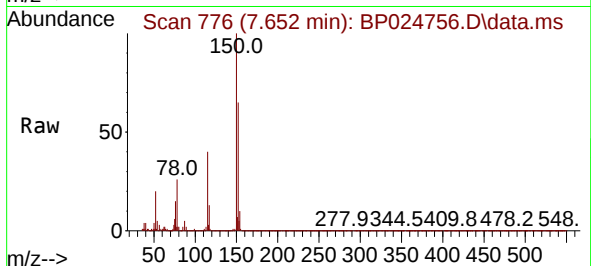
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024756.D
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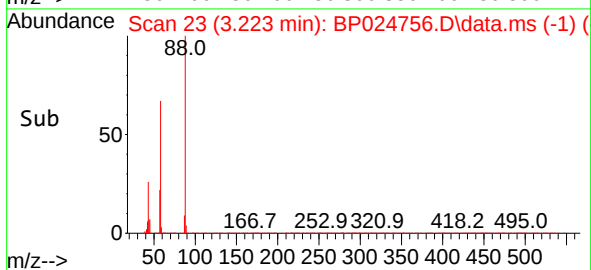
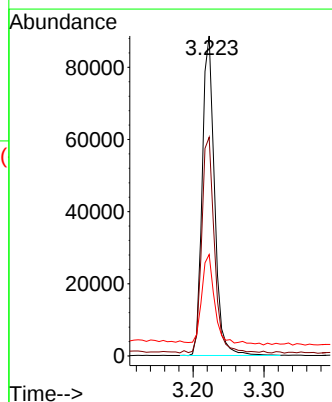
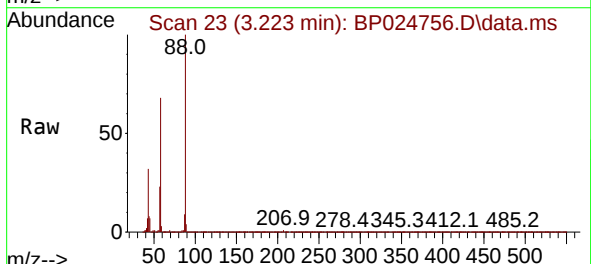
Instrument :
BNA_P
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PB168098BSD

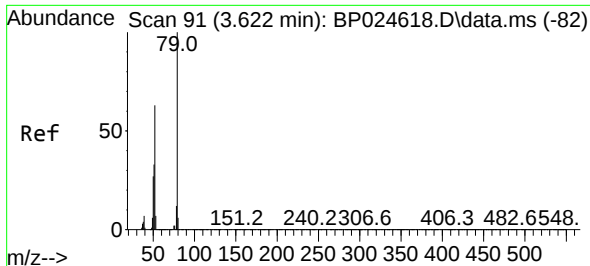
Tgt Ion:152 Resp: 126327
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 60.8 50.1 75.1



#2
1,4-Dioxane
Concen: 30.935 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 88 Resp: 107291
Ion Ratio Lower Upper
88 100
58 69.8 54.0 81.0
43 27.1 21.4 32.0

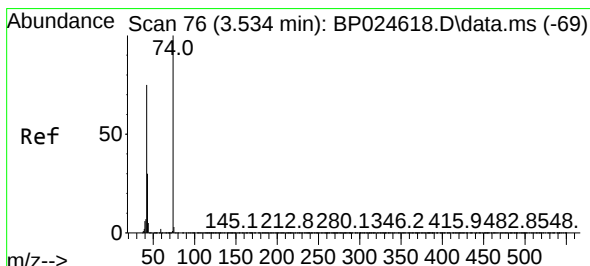
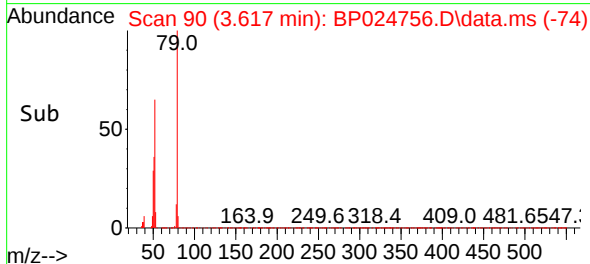
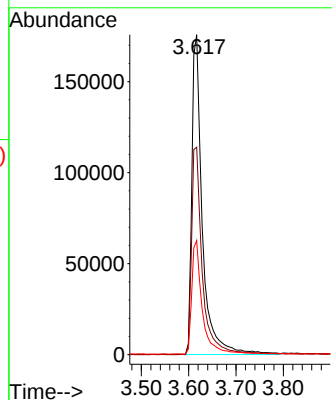
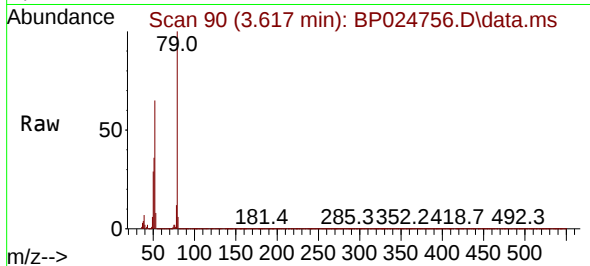




#3
 Pyridine
 Concen: 35.401 ng
 RT: 3.617 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BP024756.D
 Acq: 22 May 2025 12:58

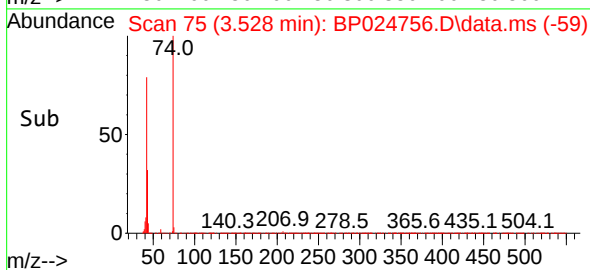
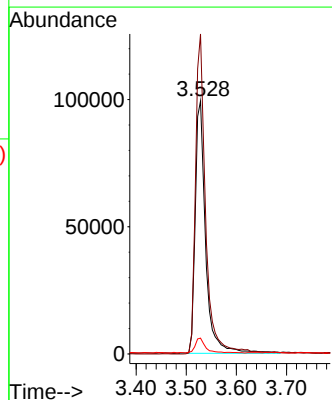
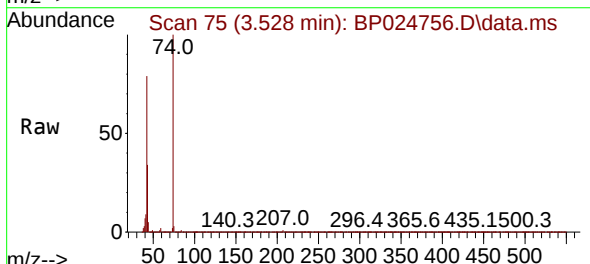
Instrument :
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 ClientSampleId :
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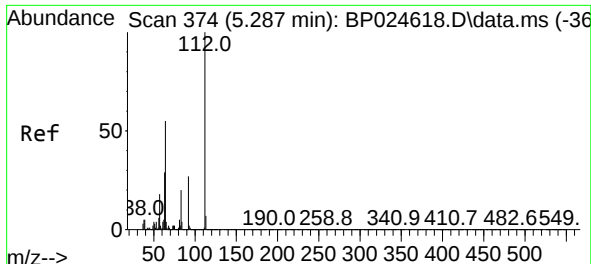
Tgt Ion: 79 Resp: 272244
 Ion Ratio Lower Upper
 79 100
 52 64.8 50.2 75.2
 51 35.7 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 41.978 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024756.D
 Acq: 22 May 2025 12:58

Tgt Ion: 42 Resp: 142518
 Ion Ratio Lower Upper
 42 100
 74 126.5 106.2 159.2
 44 6.2 5.4 8.2

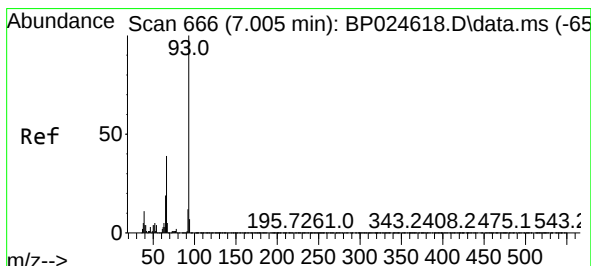
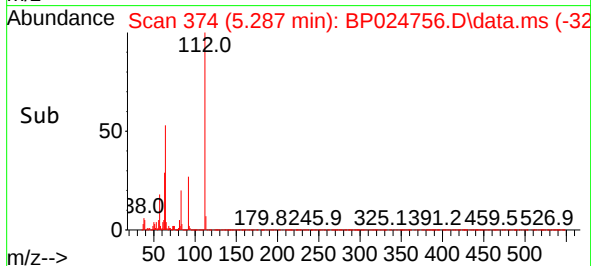
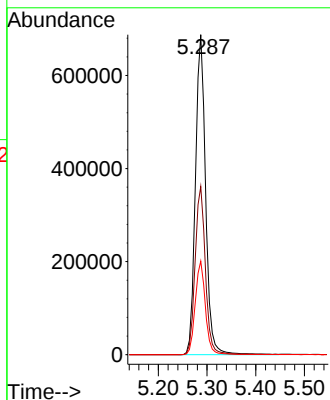
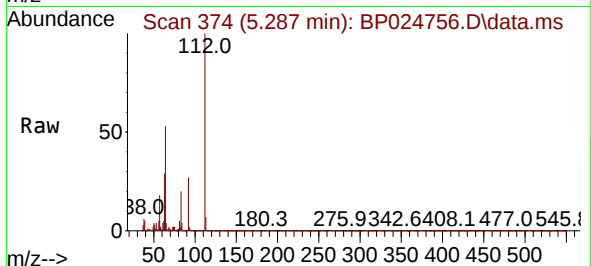




#5
2-Fluorophenol
Concen: 136.339 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

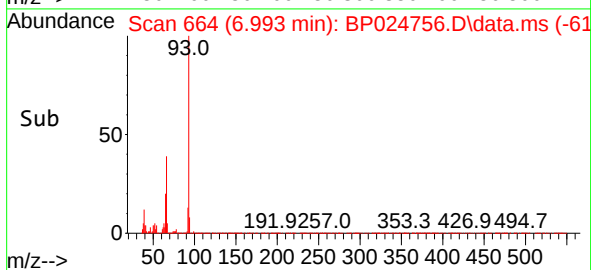
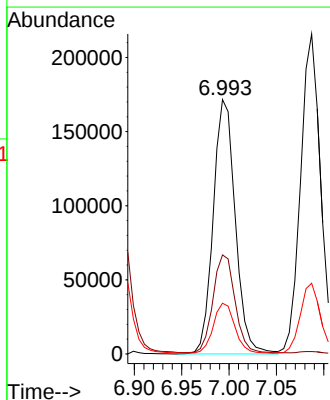
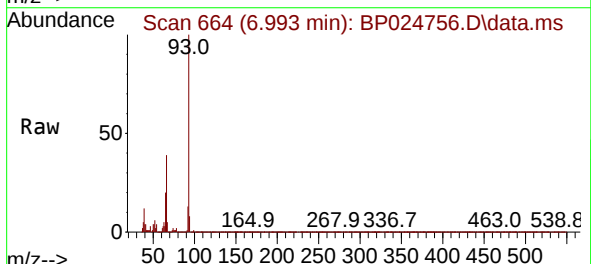
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:112 Resp: 1006990
Ion Ratio Lower Upper
112 100
64 52.6 44.1 66.1
63 29.2 23.5 35.3



#6
Aniline
Concen: 22.887 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 93 Resp: 278550
Ion Ratio Lower Upper
93 100
66 38.9 31.0 46.6
65 19.9 15.5 23.3



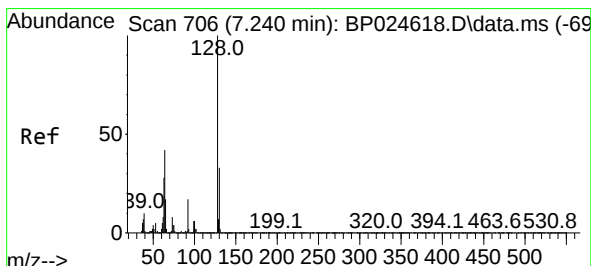
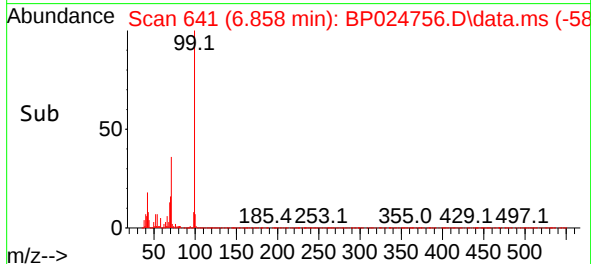
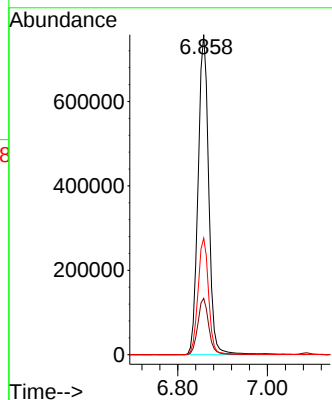
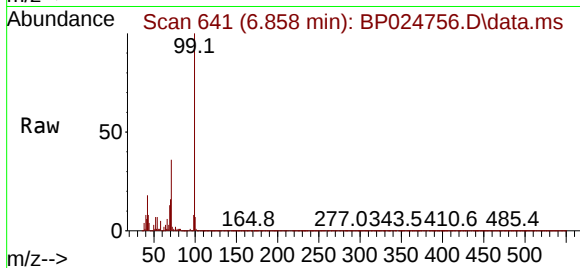


#7
Phenol-d6
Concen: 132.137 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 99 Resp: 1245584

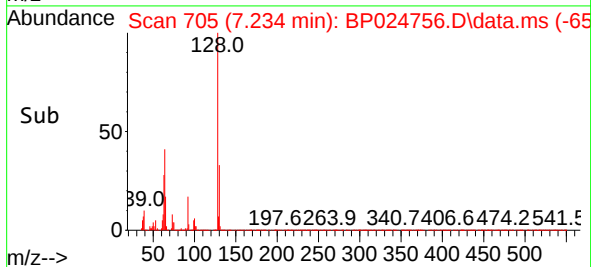
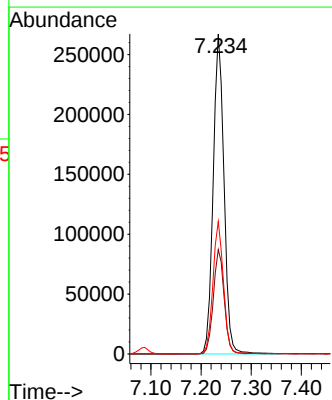
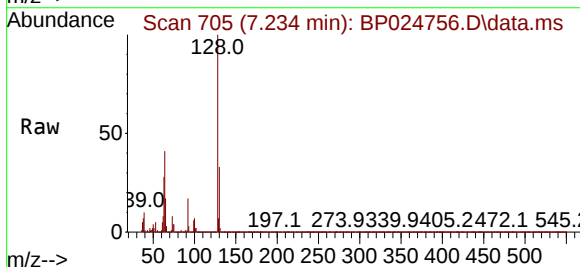
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.4	21.6
71	36.4	29.2	43.8

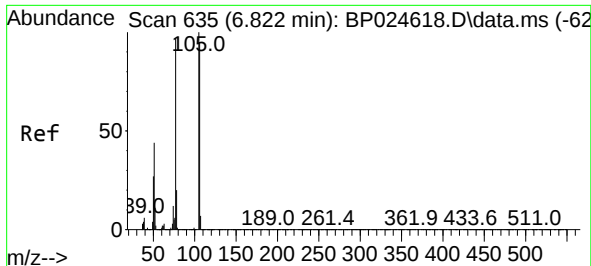


#8
2-Chlorophenol
Concen: 47.747 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 128 Resp: 400340

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	41.4	22.3	62.3

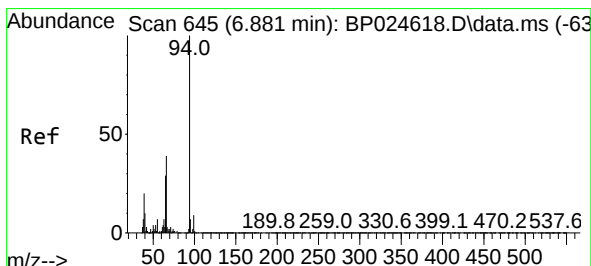
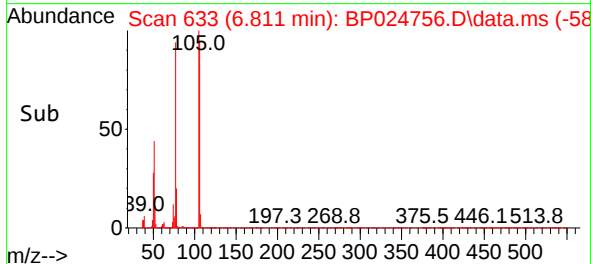
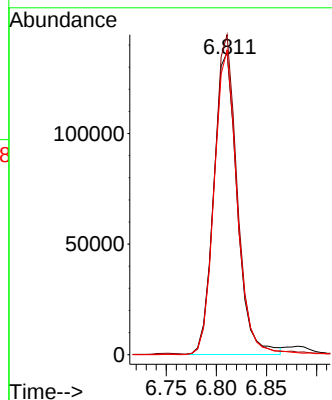
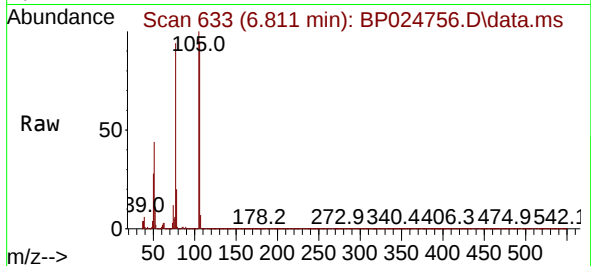




#9
Benzaldehyde
Concen: 36.224 ng
RT: 6.811 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

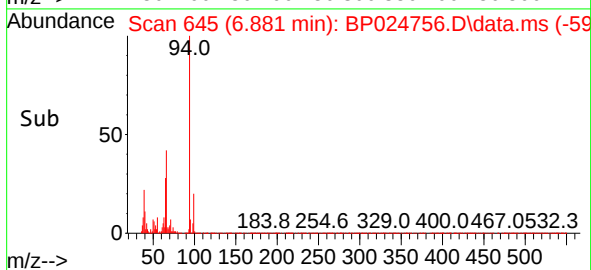
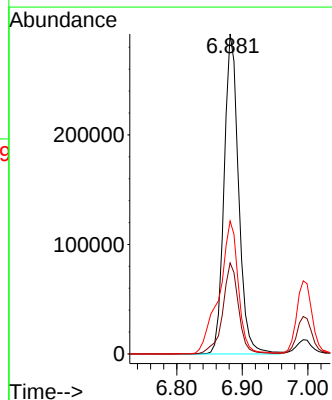
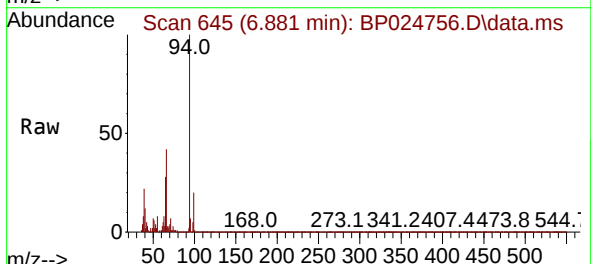
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 77 Resp: 221040
Ion Ratio Lower Upper
77 100
105 106.0 83.3 123.3
106 100.8 78.0 118.0



#10
Phenol
Concen: 46.024 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 94 Resp: 447784
Ion Ratio Lower Upper
94 100
65 28.5 8.7 48.7
66 41.6 19.4 59.4

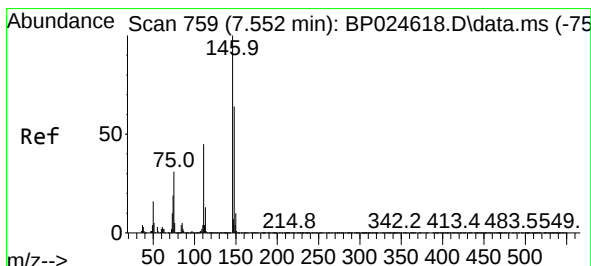
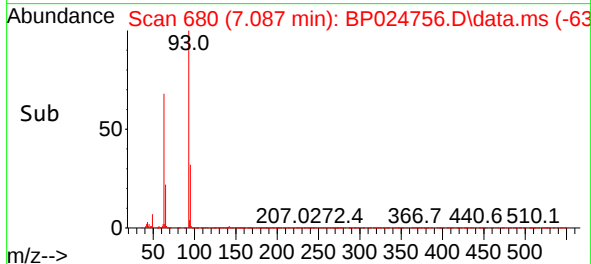
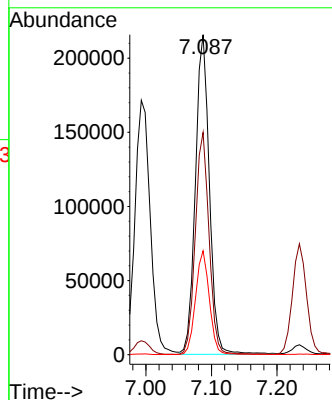
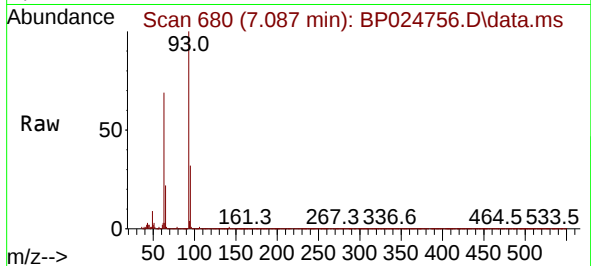




#11
bis(2-Chloroethyl)ether
Concen: 40.196 ng
RT: 7.087 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

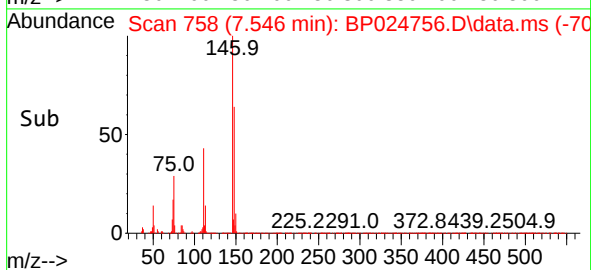
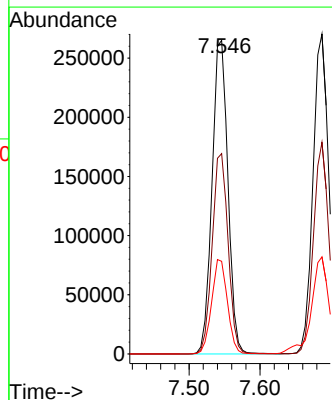
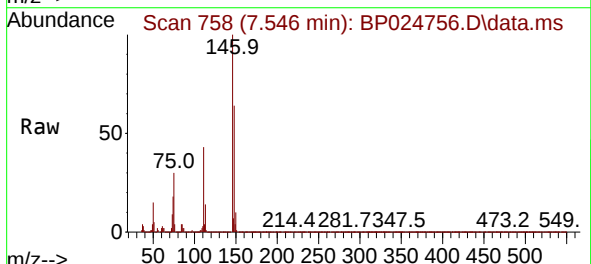
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

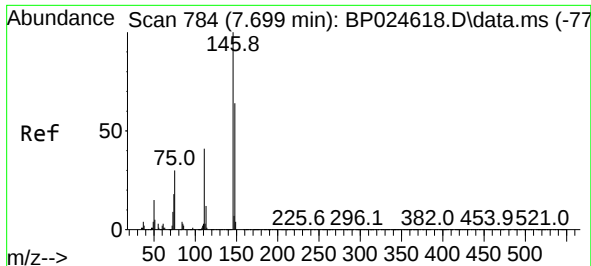
Tgt Ion: 93 Resp: 321348
Ion Ratio Lower Upper
93 100
63 69.4 50.6 90.6
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.633 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:146 Resp: 411266
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 29.5 25.2 37.8

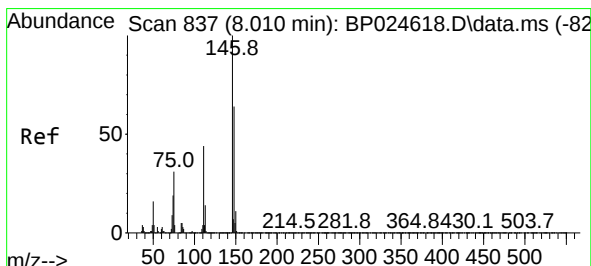
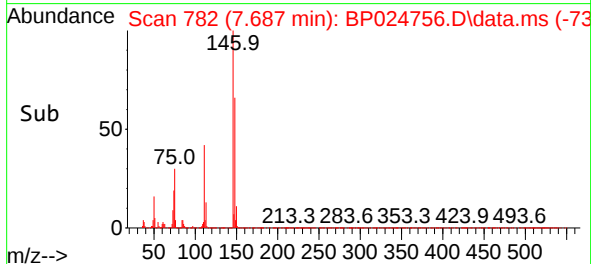
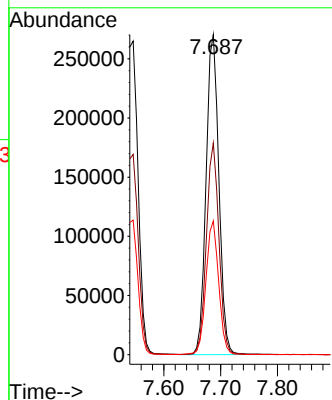
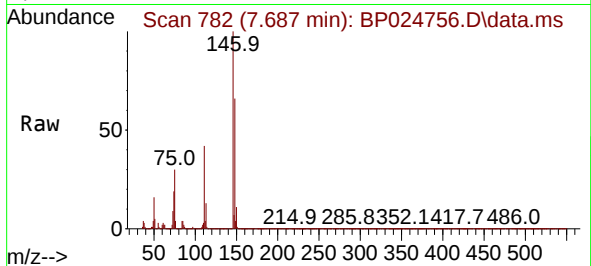




#13
1,4-Dichlorobenzene
Concen: 43.426 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

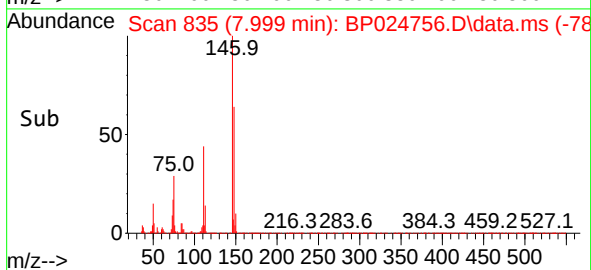
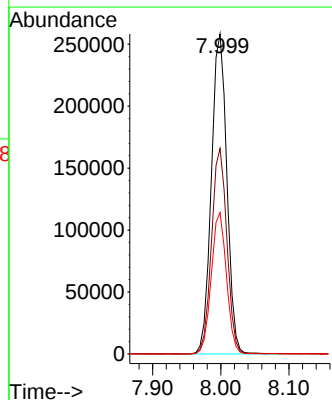
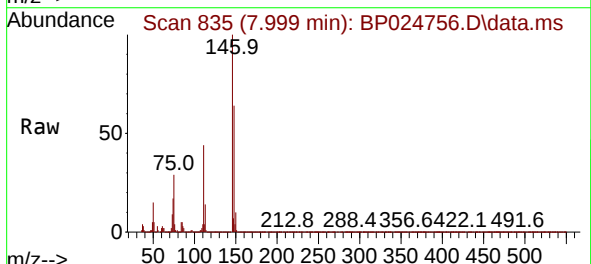
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

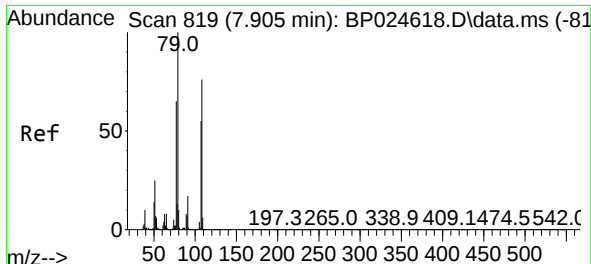
Tgt Ion:146 Resp: 421327
Ion Ratio Lower Upper
146 100
148 66.1 51.0 76.6
111 41.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 43.209 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:146 Resp: 408503
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 44.2 35.2 52.8

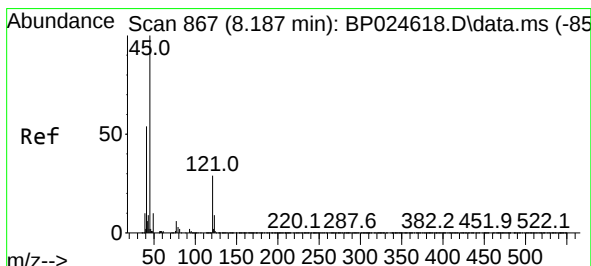
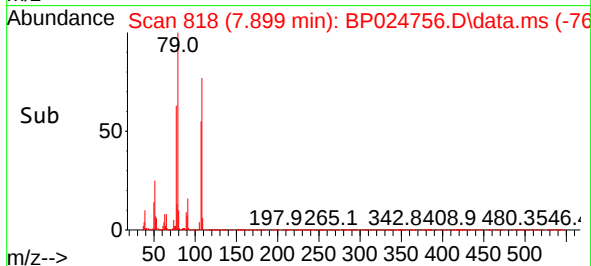
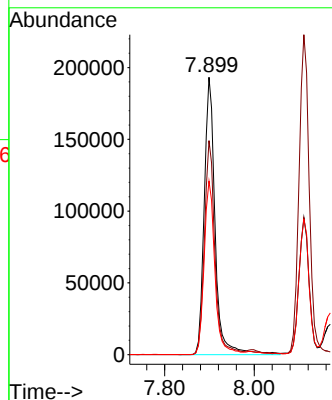
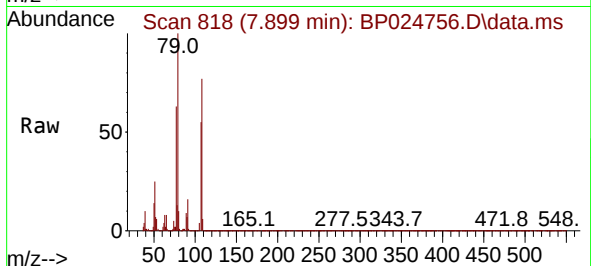




#15
Benzyl Alcohol
Concen: 45.463 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

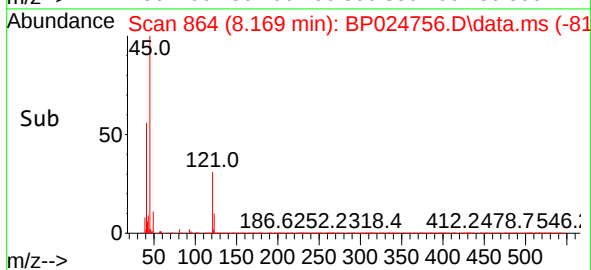
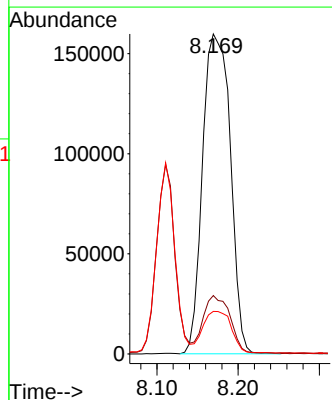
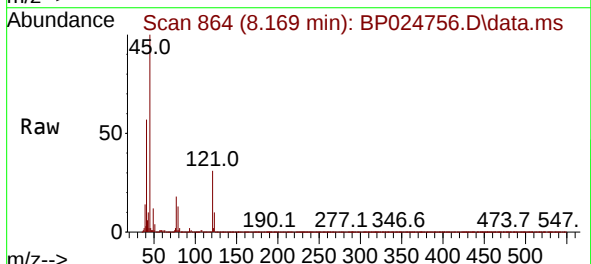
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

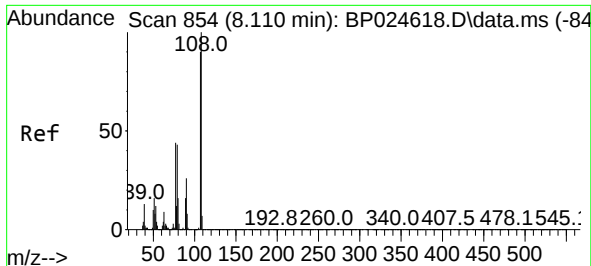
Tgt Ion: 79 Resp: 325668
Ion Ratio Lower Upper
79 100
108 77.2 60.8 91.2
77 62.6 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.632 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.017 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 45 Resp: 379444
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.7
79 13.3 0.0 34.0

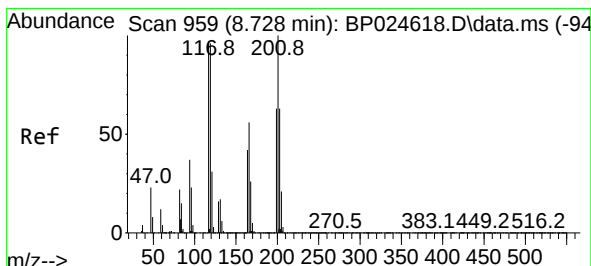
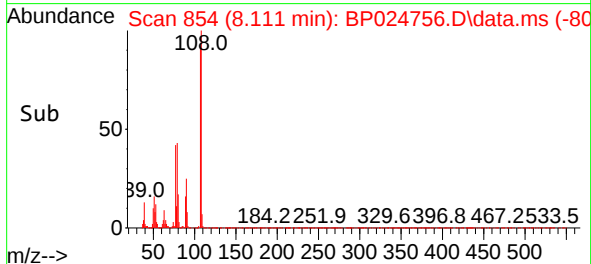
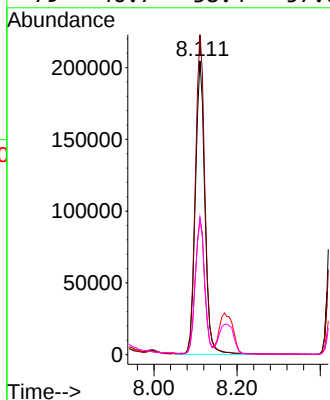
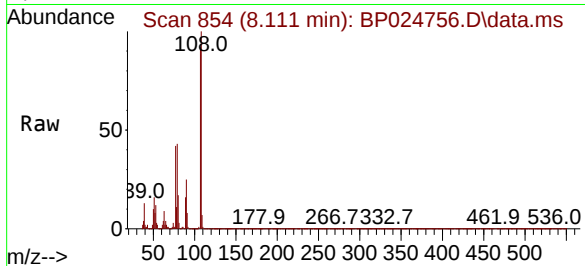




#17
2-Methylphenol
Concen: 46.447 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

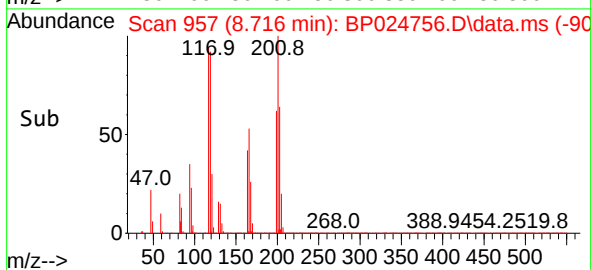
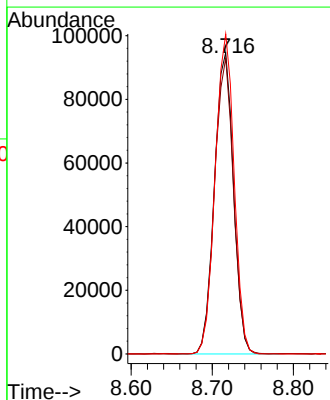
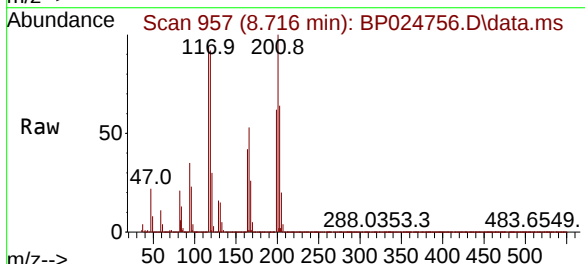
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:	107	Resp:	324116
Ion	Ratio	Lower	Upper
107	100		
108	108.9	88.9	133.3
77	46.2	39.0	58.6
79	46.7	38.4	57.6



#18
Hexachloroethane
Concen: 41.631 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:	117	Resp:	154783
Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.4	119.0
201	106.1	82.7	124.1

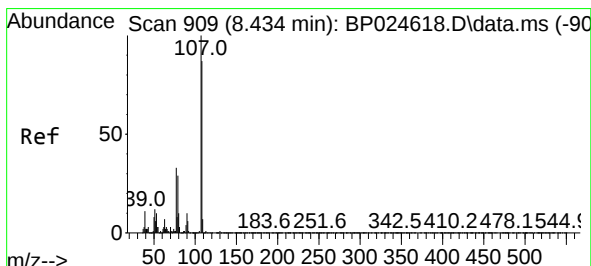
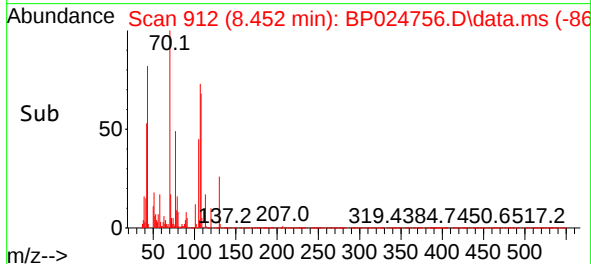
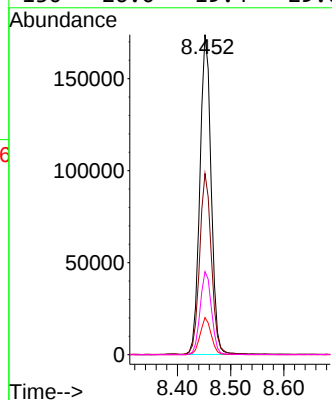
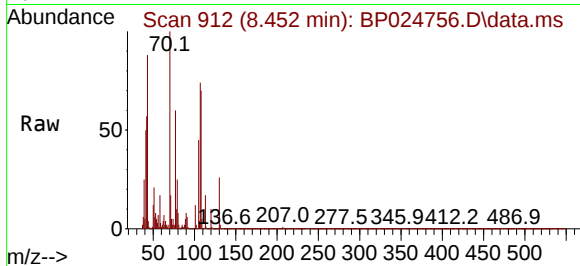




#19
n-Nitroso-di-n-propylamine
Concen: 39.085 ng
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

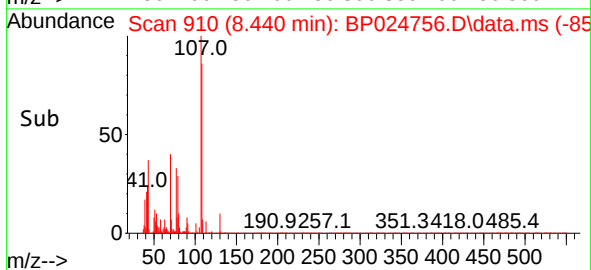
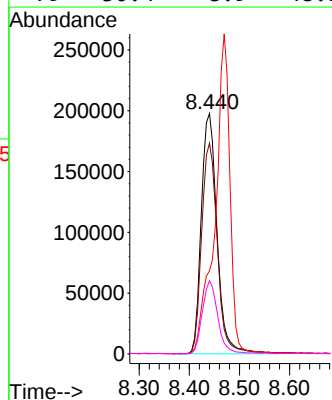
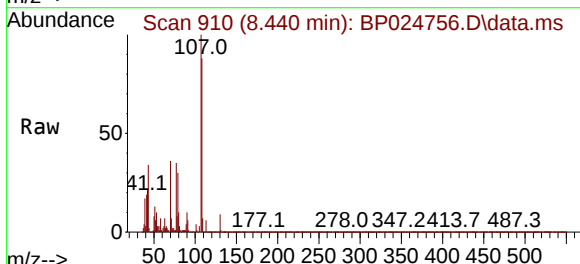
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

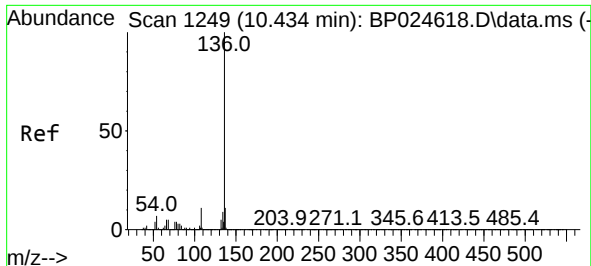
Tgt Ion: 70 Resp: 254858
Ion Ratio Lower Upper
70 100
42 56.6 43.0 64.6
101 11.6 8.7 13.1
130 26.0 19.4 29.0



#20
3+4-Methylphenols
Concen: 45.474 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 107 Resp: 431650
Ion Ratio Lower Upper
107 100
108 87.6 66.7 106.7
77 34.6 13.1 53.1
79 30.4 8.9 48.9

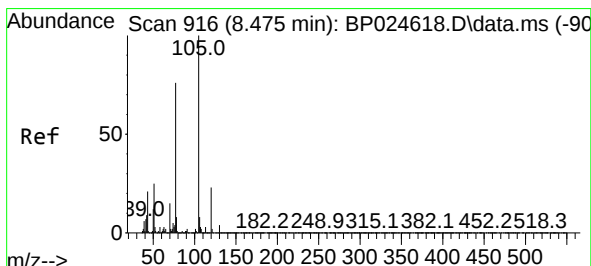
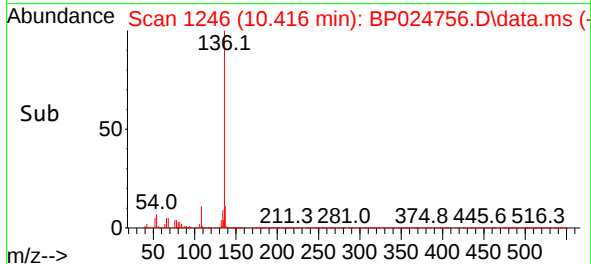
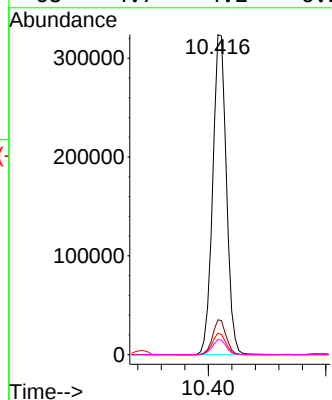
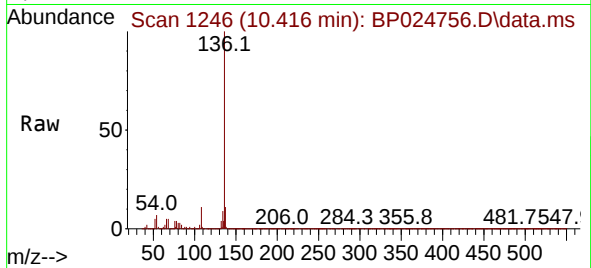




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

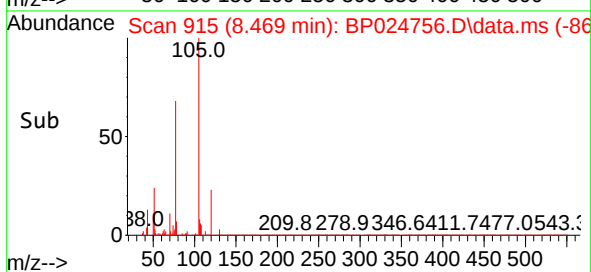
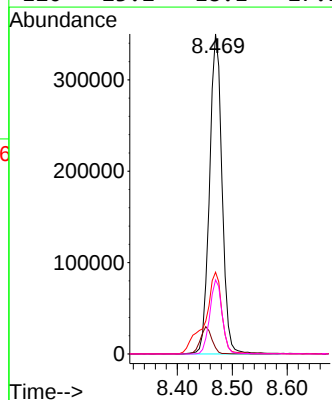
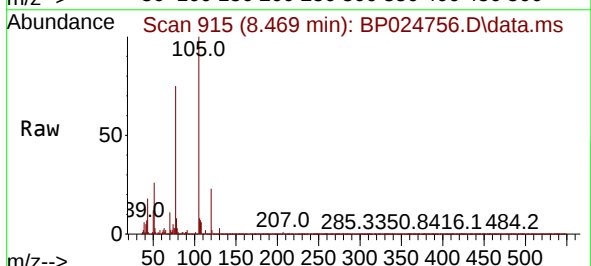
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

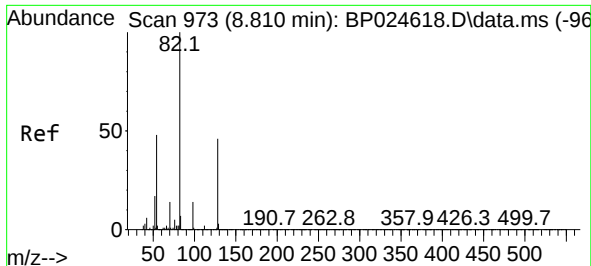
Tgt Ion:	136	Resp:	523024
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.5	8.3
68	4.7	4.2	6.2



#22
Acetophenone
Concen: 42.336 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:	105	Resp:	553115
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0
51	25.6	20.4	30.6
120	23.2	18.1	27.1

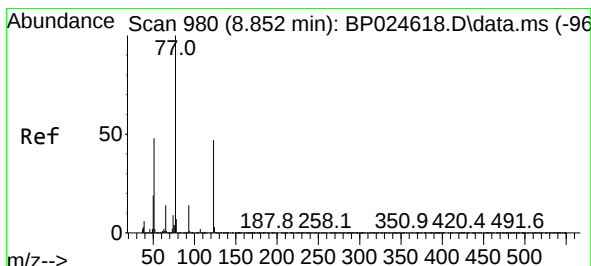
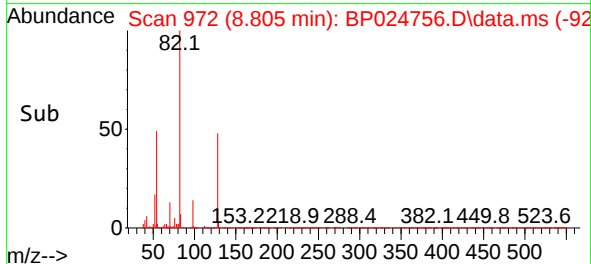
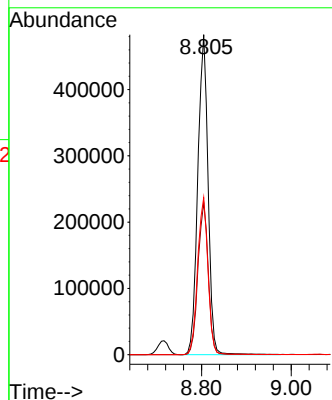
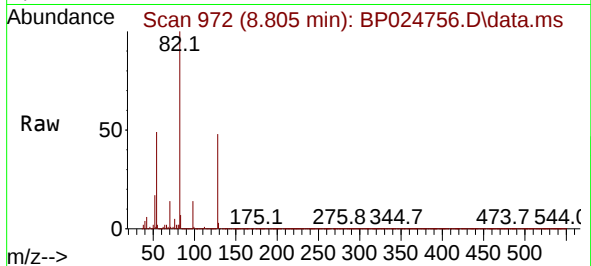




#23
Nitrobenzene-d5
Concen: 73.883 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

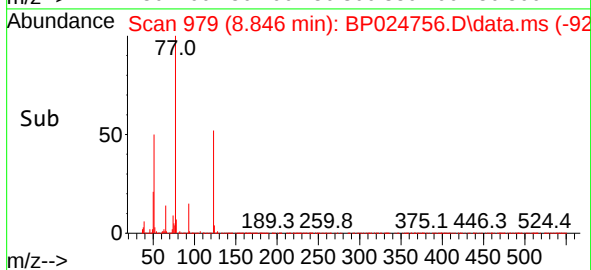
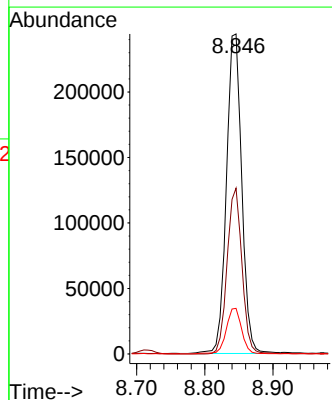
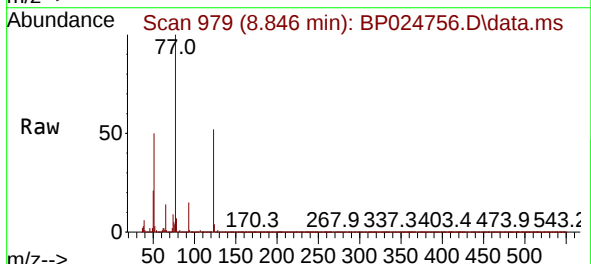
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

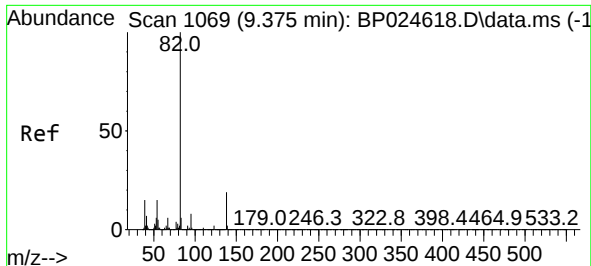
Tgt Ion: 82 Resp: 764802
Ion Ratio Lower Upper
82 100
128 47.6 37.0 55.4
54 49.1 38.7 58.1



#24
Nitrobenzene
Concen: 41.971 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 77 Resp: 382330
Ion Ratio Lower Upper
77 100
123 51.8 37.4 56.0
65 14.2 11.3 16.9

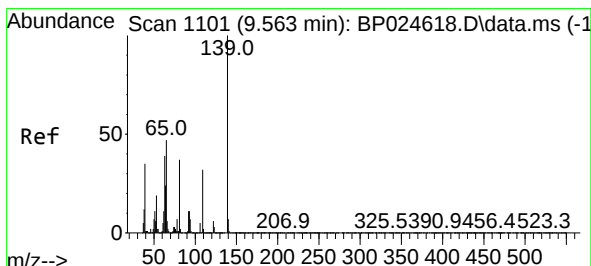
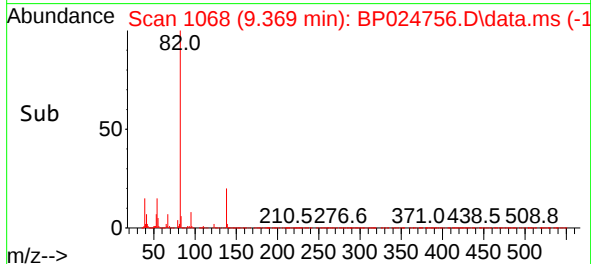
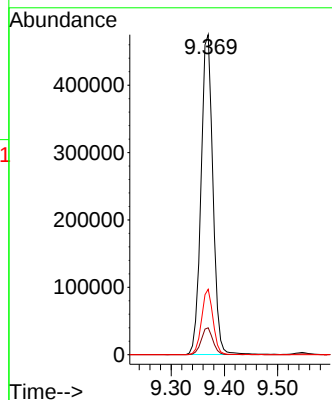
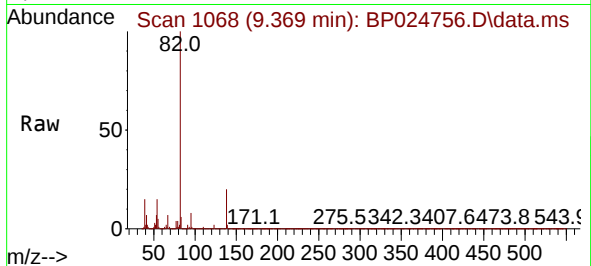




#25
Isophorone
Concen: 40.802 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

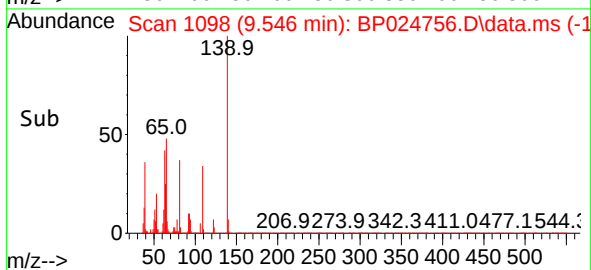
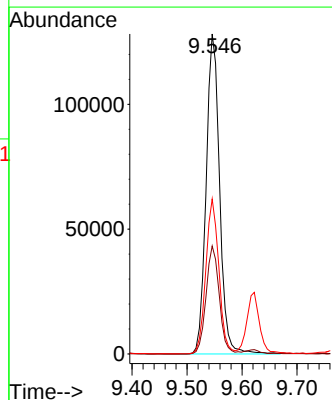
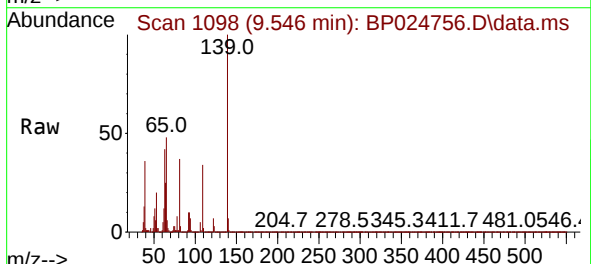
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

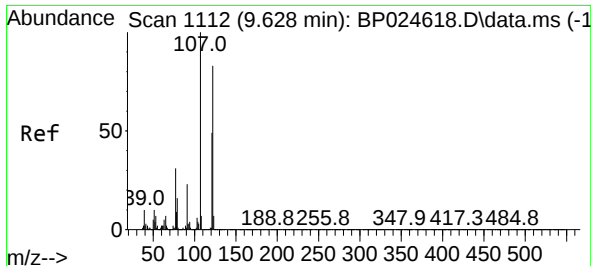
Tgt Ion: 82 Resp: 732635
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 20.4 15.3 22.9



#26
2-Nitrophenol
Concen: 48.847 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.017 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 139 Resp: 218042
Ion Ratio Lower Upper
139 100
109 33.8 25.9 38.9
65 48.4 37.9 56.9

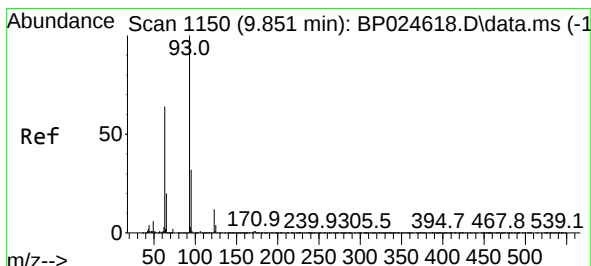
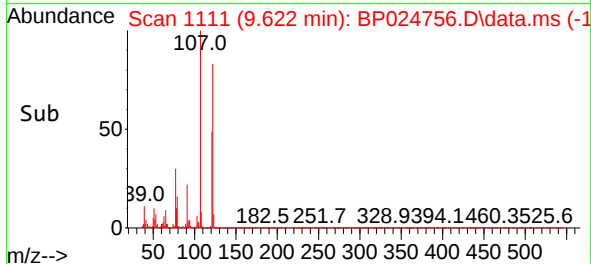
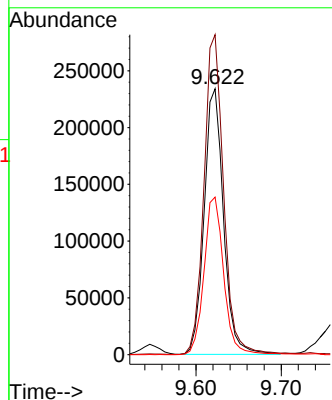
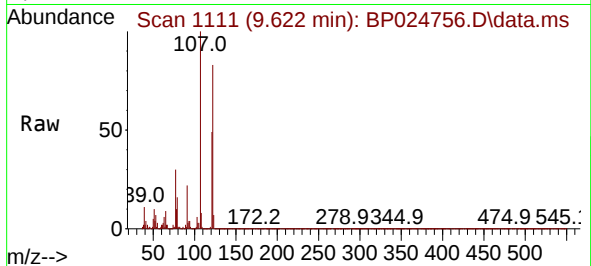




#27
2,4-Dimethylphenol
Concen: 46.925 ng
RT: 9.622 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

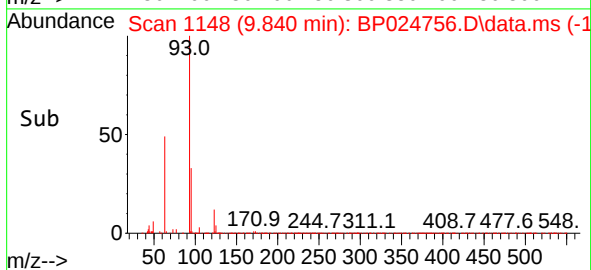
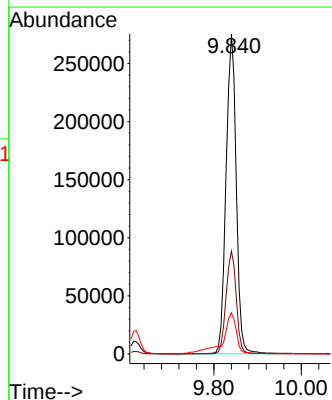
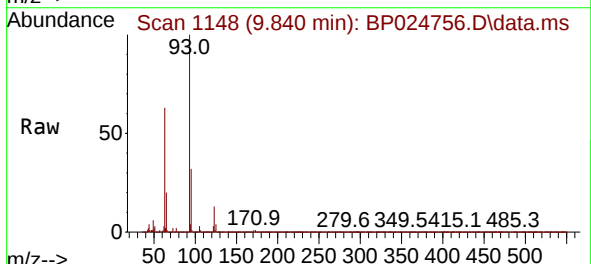
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

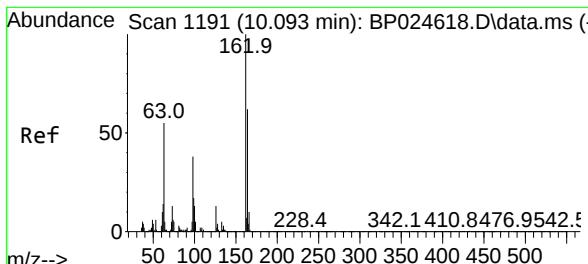
Tgt Ion:122 Resp: 369301
Ion Ratio Lower Upper
122 100
107 120.3 96.2 144.2
121 59.3 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.185 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 93 Resp: 441817
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 12.9 9.7 14.5



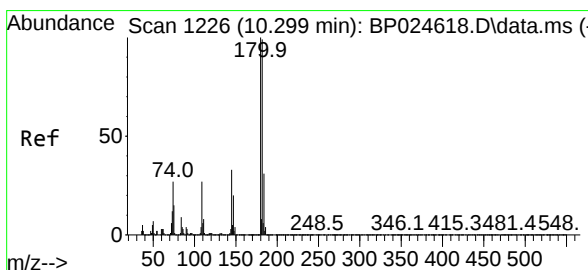
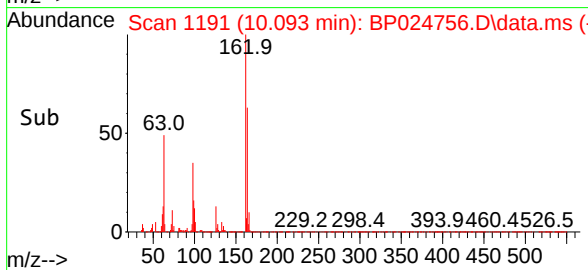
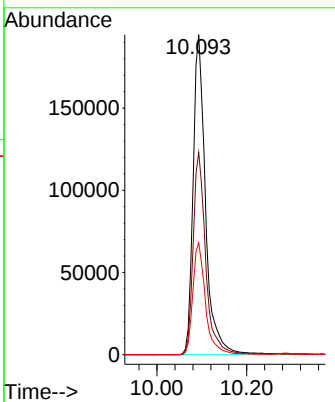
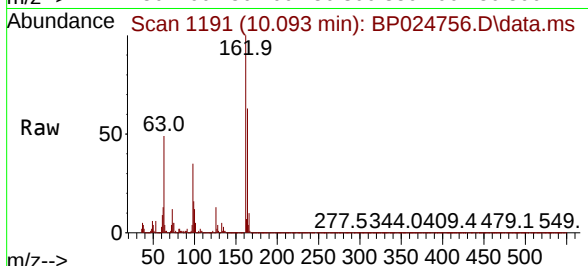


#29
 2,4-Dichlorophenol
 Concen: 49.198 ng
 RT: 10.093 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BP024756.D
 Acq: 22 May 2025 12:58

Instrument :
 BNA_P
 ClientSampleId :
 PB168098BSD

Tgt Ion:162 Resp: 375212

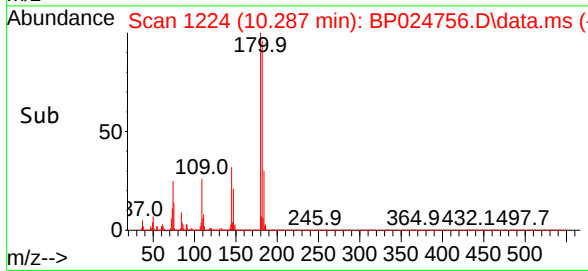
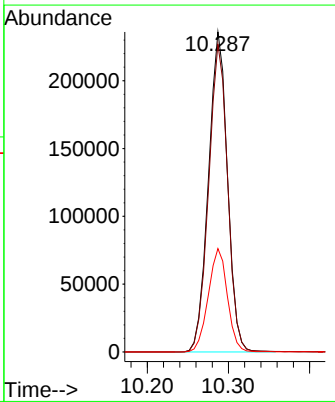
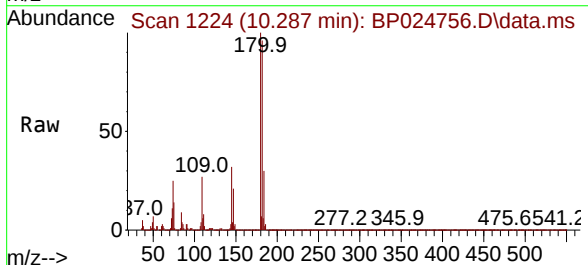
Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.3	82.3
98	35.0	18.4	58.4

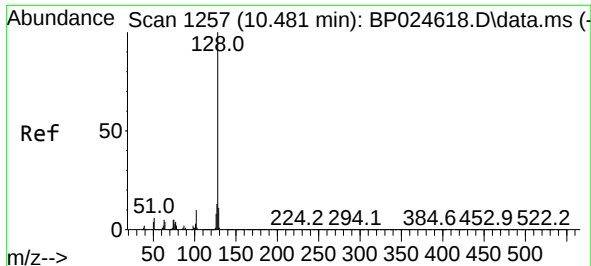


#30
 1,2,4-Trichlorobenzene
 Concen: 44.659 ng
 RT: 10.287 min Scan# 1224
 Delta R.T. -0.012 min
 Lab File: BP024756.D
 Acq: 22 May 2025 12:58

Tgt Ion:180 Resp: 383813

Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.0	118.4
145	32.3	26.6	39.8

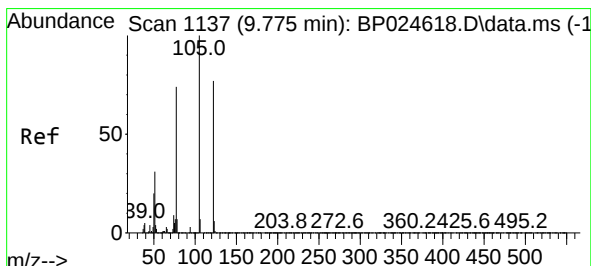
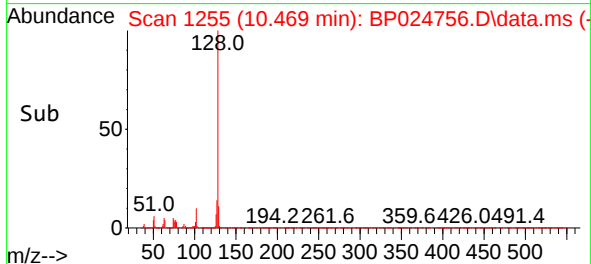
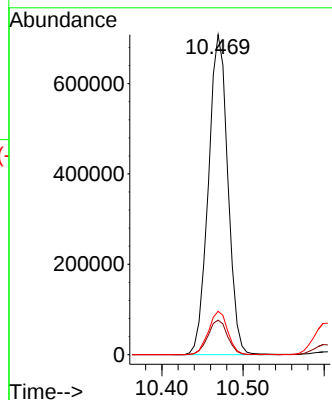
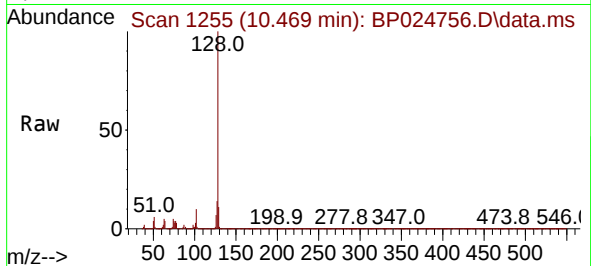




#31
Naphthalene
Concen: 43.406 ng
RT: 10.469 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

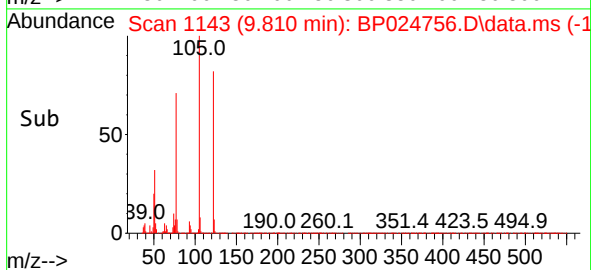
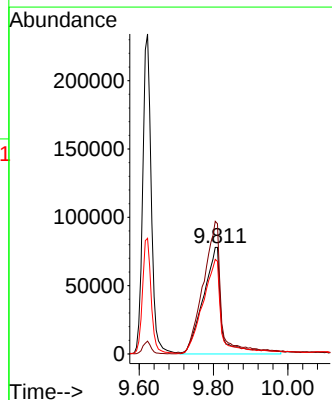
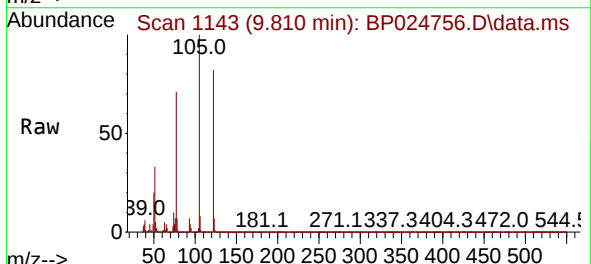
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

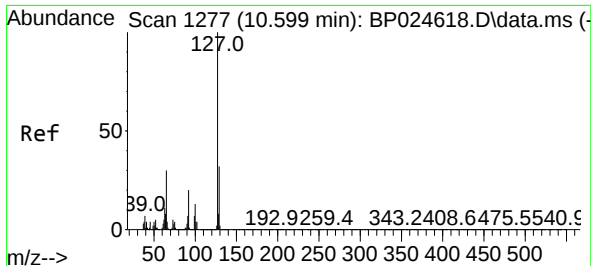
Tgt Ion:128 Resp: 1176453
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 49.215 ng m
RT: 9.810 min Scan# 1143
Delta R.T. 0.035 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:122 Resp: 270871
Ion Ratio Lower Upper
122 100
105 122.2 106.9 146.9
77 86.9 75.1 115.1

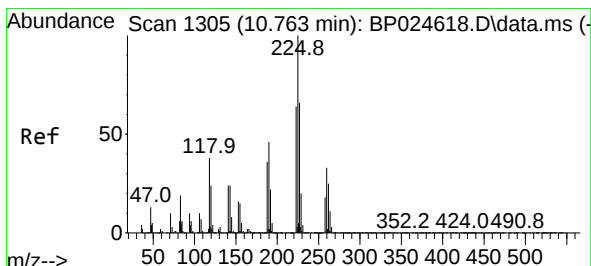
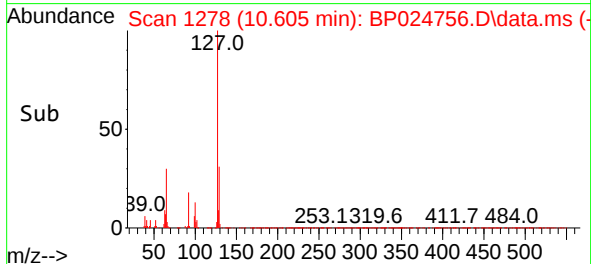
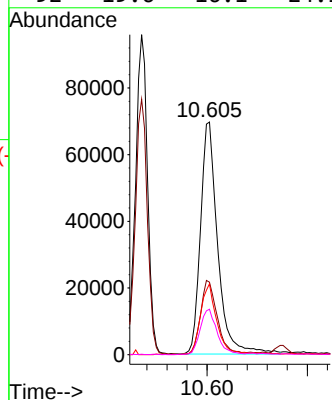
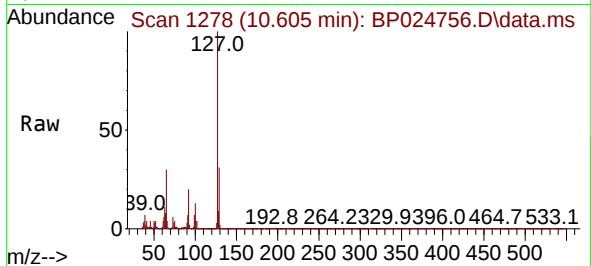




#33
4-Chloroaniline
Concen: 15.170 ng
RT: 10.605 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

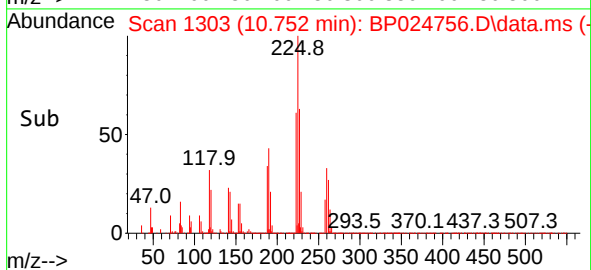
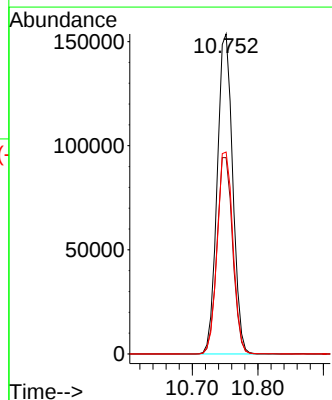
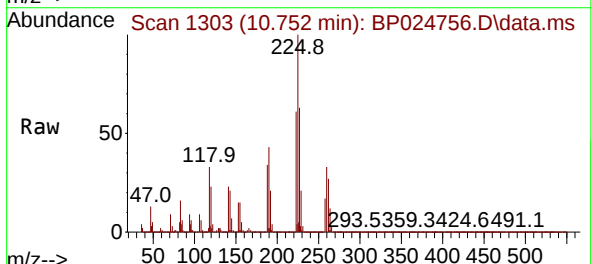
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

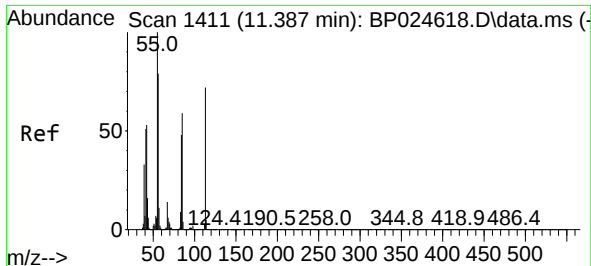
Tgt Ion:	127	Resp:	165916
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.8	38.6
65	30.5	23.9	35.9
92	19.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.021 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:	225	Resp:	250650
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	63.1	53.1	79.7

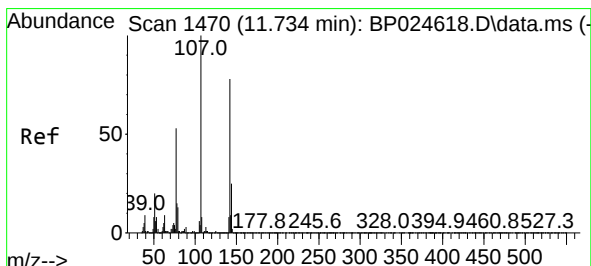
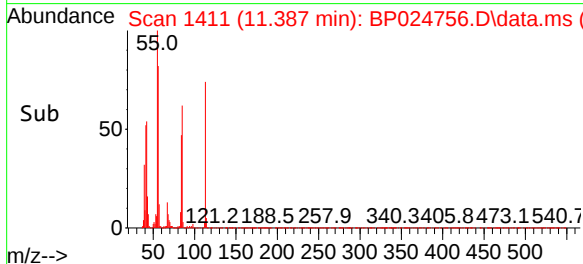
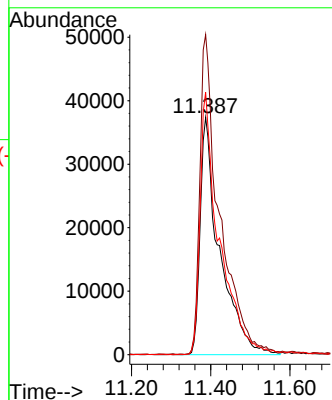
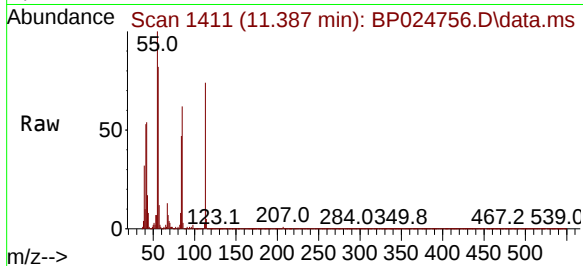




#35
Caprolactam
Concen: 45.756 ng
RT: 11.387 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

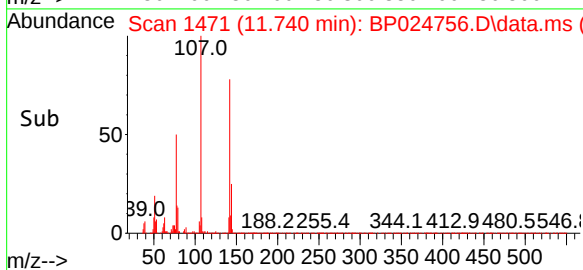
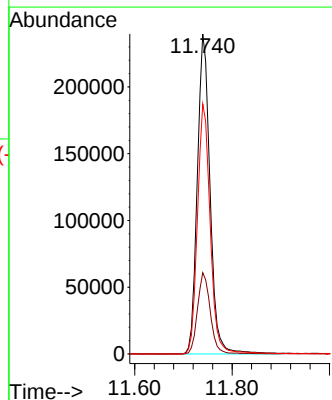
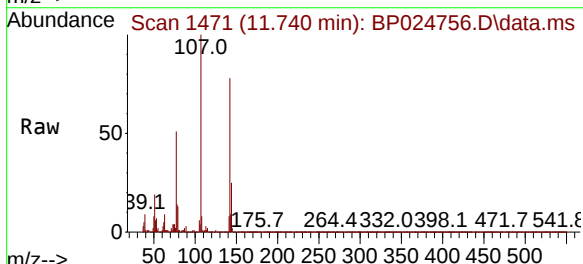
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

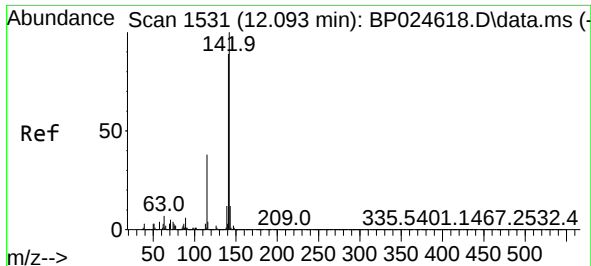
Tgt Ion:113 Resp: 126254
Ion Ratio Lower Upper
113 100
55 134.9 119.0 159.0
56 110.6 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 46.951 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:107 Resp: 436668
Ion Ratio Lower Upper
107 100
144 25.4 20.1 30.1
142 78.2 62.1 93.1

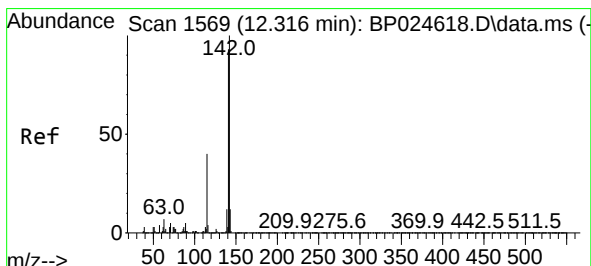
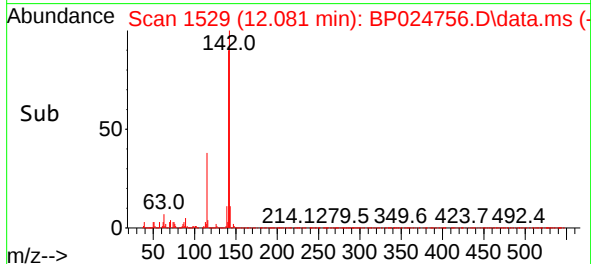
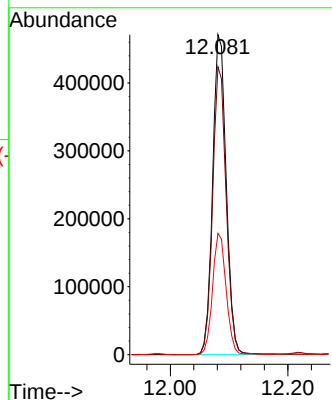
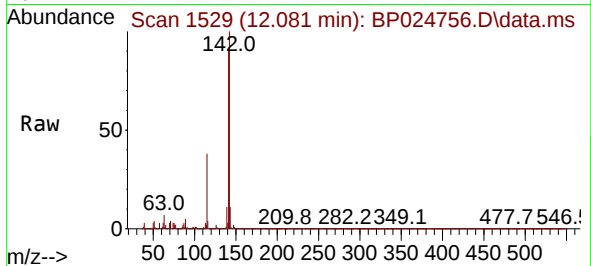




#37
2-Methylnaphthalene
Concen: 42.956 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

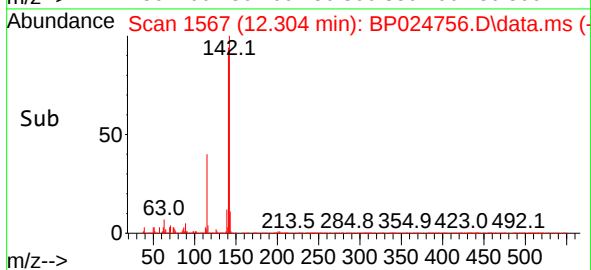
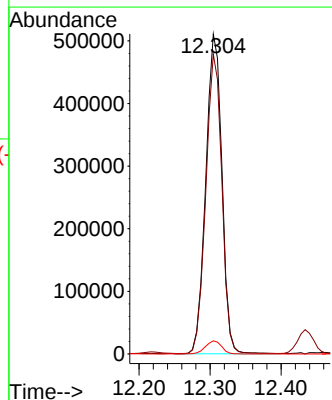
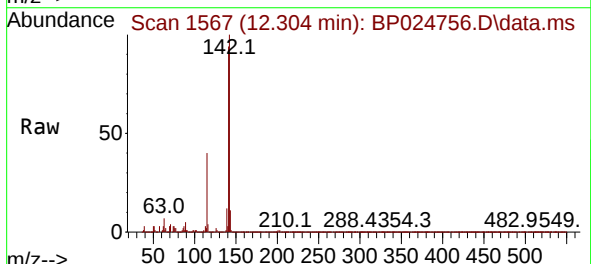
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

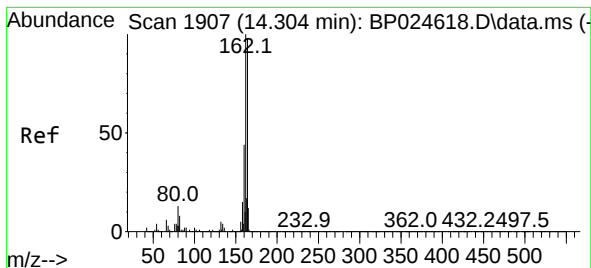
Tgt Ion:142 Resp: 753865
Ion Ratio Lower Upper
142 100
141 89.9 71.2 106.8
115 37.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.981 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:142 Resp: 807085
Ion Ratio Lower Upper
142 100
141 93.6 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.017 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

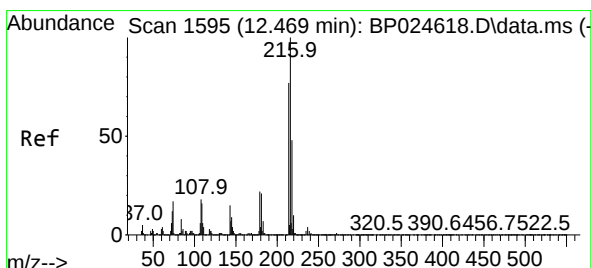
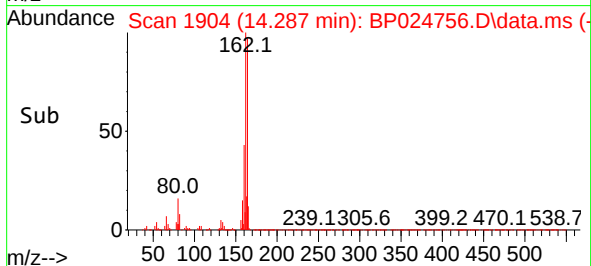
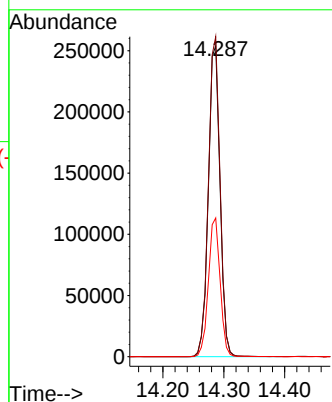
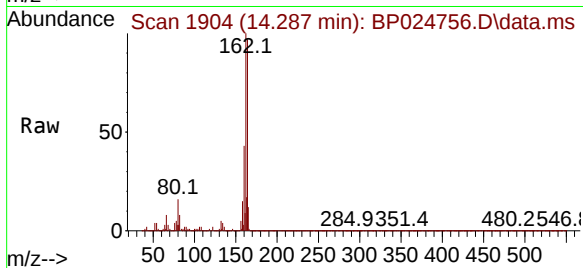
Tgt Ion:164 Resp: 338733

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 44.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.345 ng

RT: 12.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Tgt Ion:216 Resp: 446029

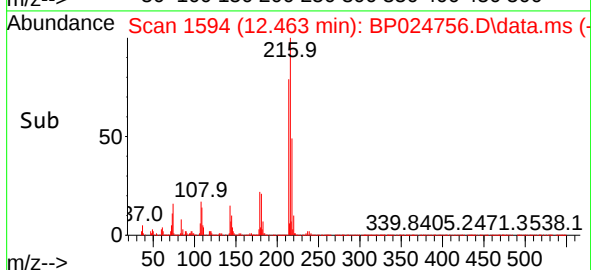
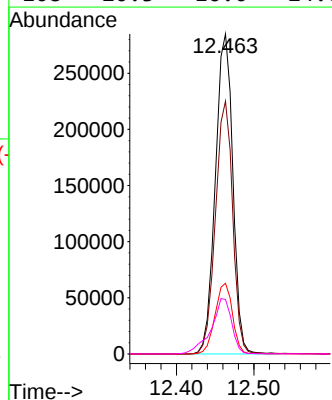
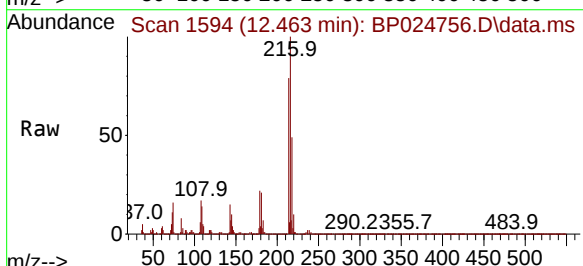
Ion Ratio Lower Upper

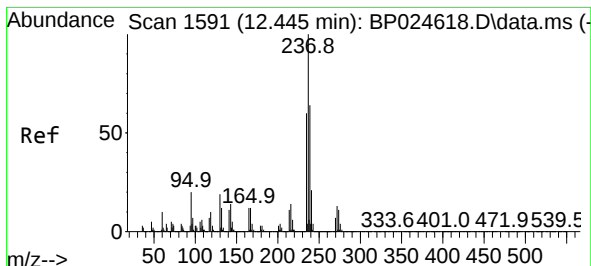
216 100

214 78.3 62.3 93.5

179 22.1 17.7 26.5

108 20.3 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 85.162 ng

RT: 12.434 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

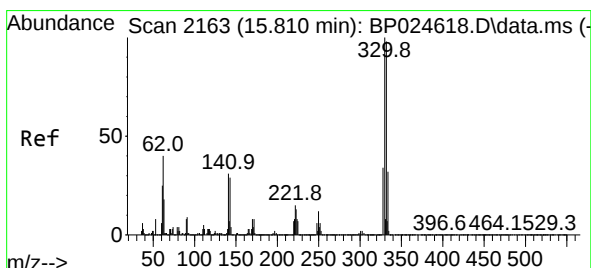
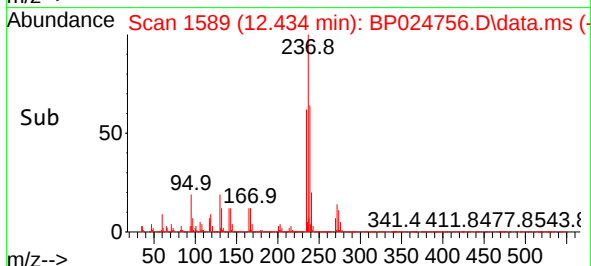
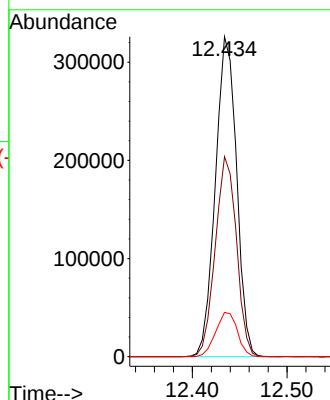
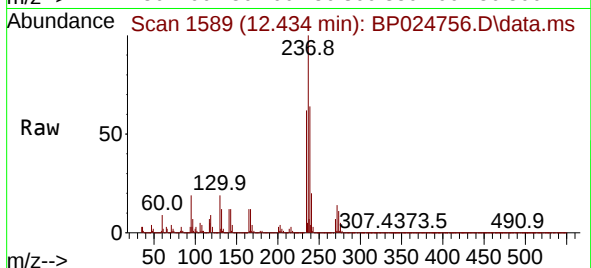
Tgt Ion:237 Resp: 507943

Ion Ratio Lower Upper

237 100

235 62.5 39.9 79.9

272 13.9 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 147.685 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

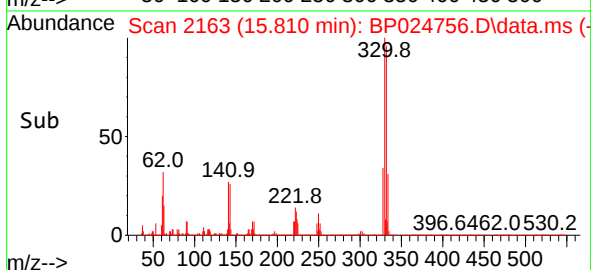
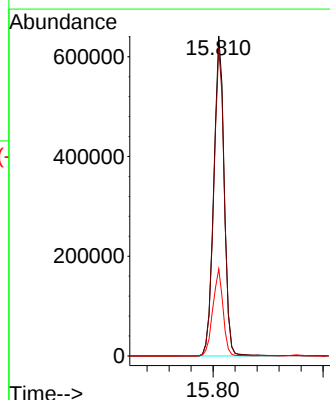
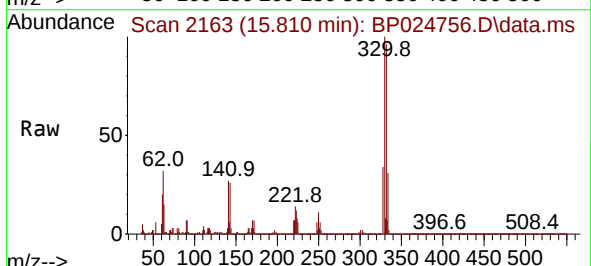
Tgt Ion:330 Resp: 848083

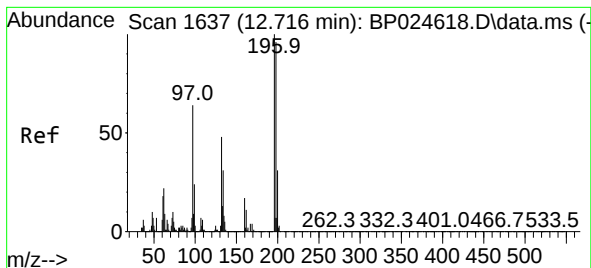
Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

141 26.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.357 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

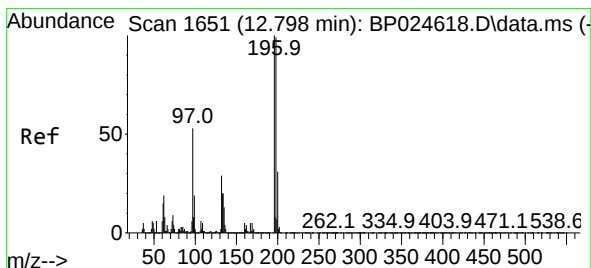
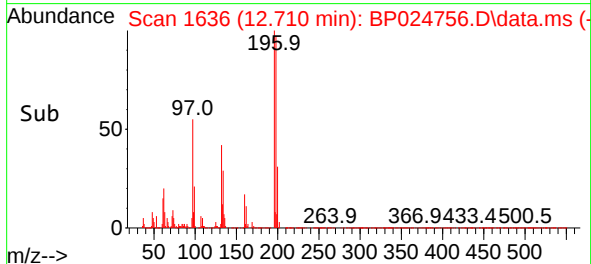
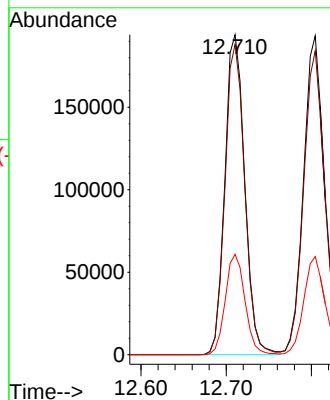
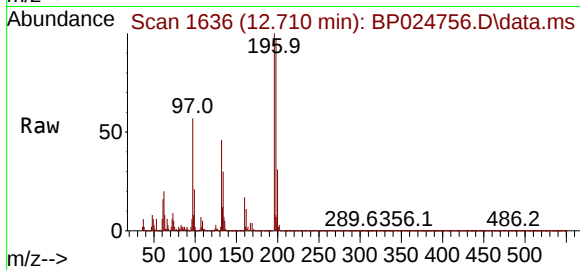
Tgt Ion:196 Resp: 314461

Ion Ratio Lower Upper

196 100

198 96.9 76.9 115.3

200 31.4 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 49.247 ng

RT: 12.804 min Scan# 1652

Delta R.T. 0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Tgt Ion:196 Resp: 349258

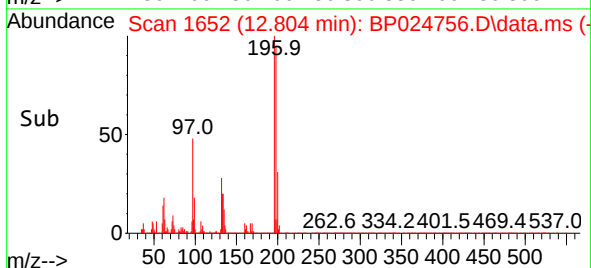
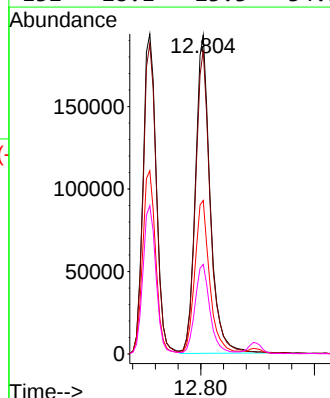
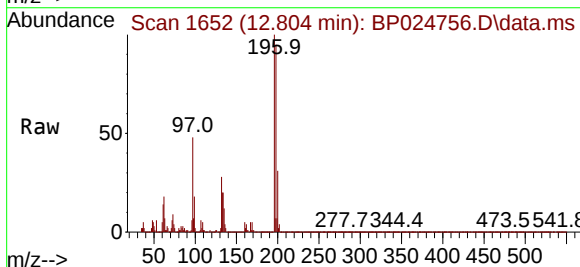
Ion Ratio Lower Upper

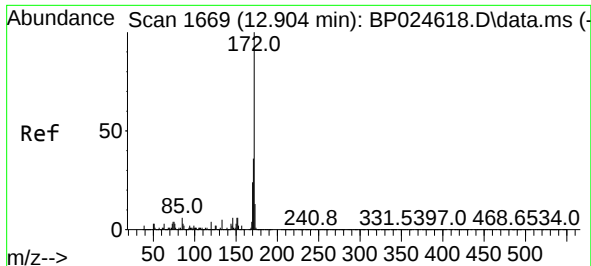
196 100

198 95.3 79.2 118.8

97 48.1 42.3 63.5

132 28.1 23.3 34.9

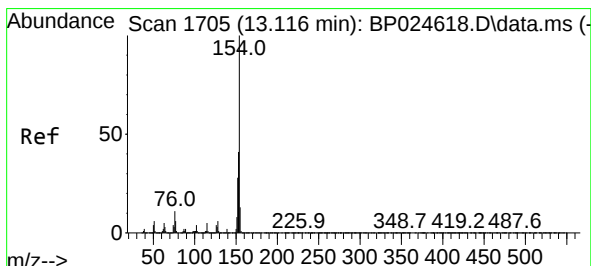
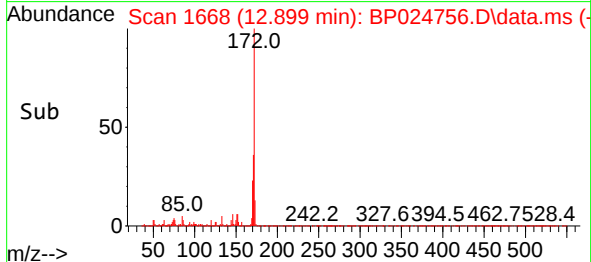
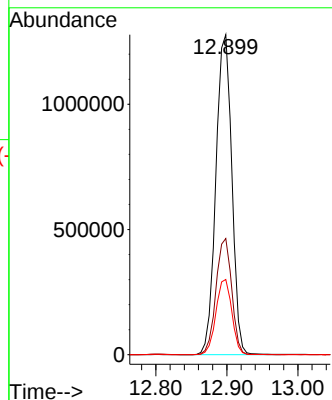
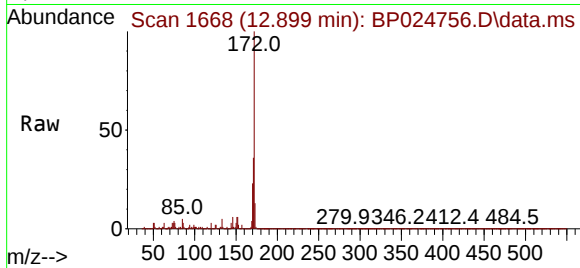




#45
2-Fluorobiphenyl
Concen: 76.786 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

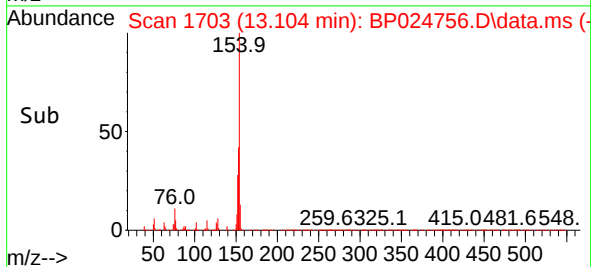
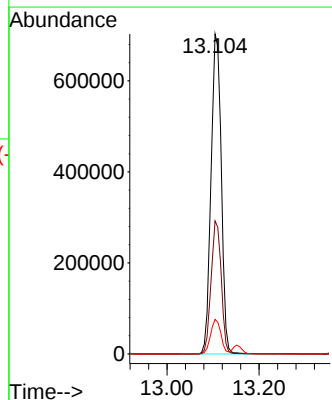
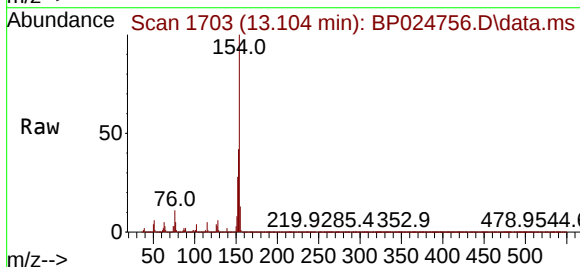
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

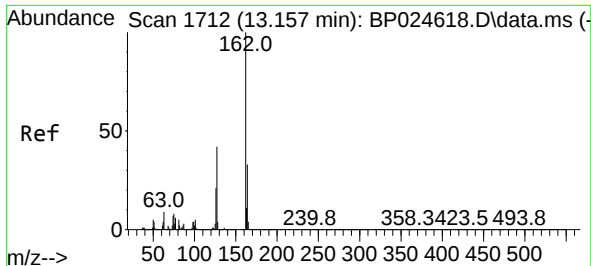
Tgt Ion:172 Resp: 1985294
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.566 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:154 Resp: 1090713
Ion Ratio Lower Upper
154 100
153 41.6 21.0 61.0
76 10.8 0.0 31.5

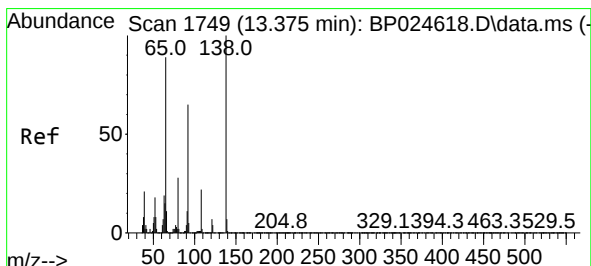
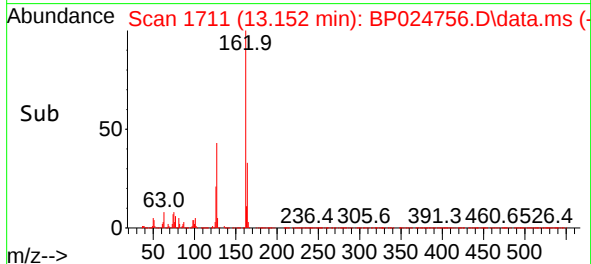
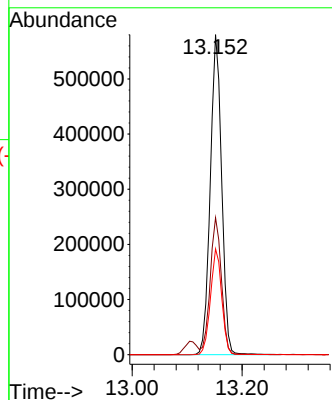
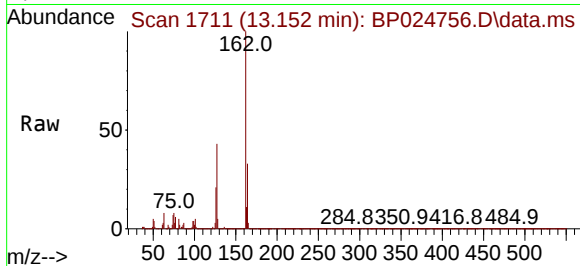




#47
2-Chloronaphthalene
Concen: 43.653 ng
RT: 13.152 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

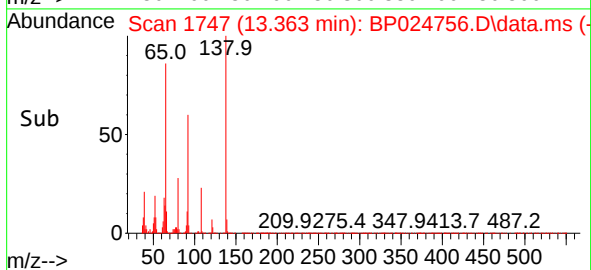
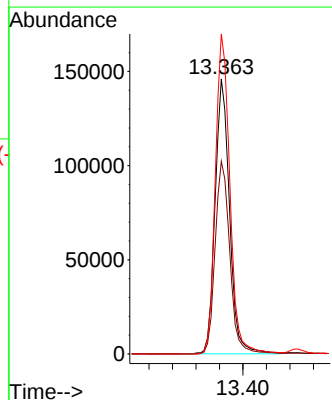
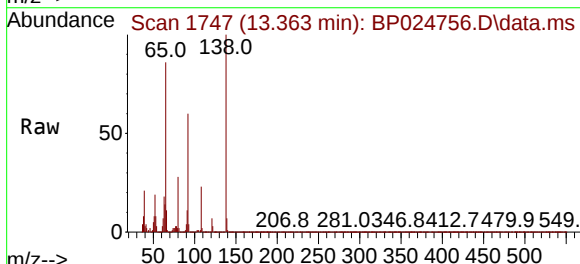
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

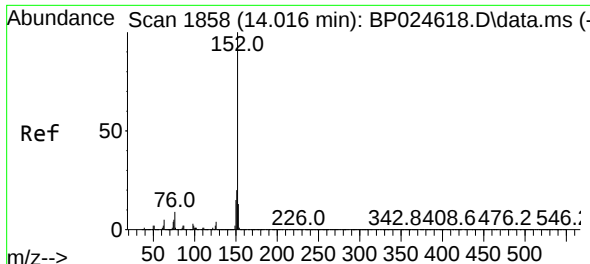
Tgt Ion:162 Resp: 833303
Ion Ratio Lower Upper
162 100
127 42.8 33.8 50.6
164 33.1 26.0 39.0



#48
2-Nitroaniline
Concen: 44.085 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 65 Resp: 249151
Ion Ratio Lower Upper
65 100
92 70.1 58.7 88.1
138 116.3 90.2 135.2

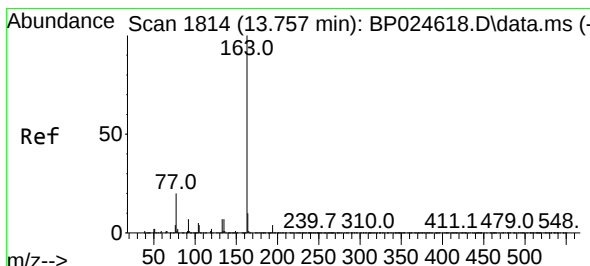
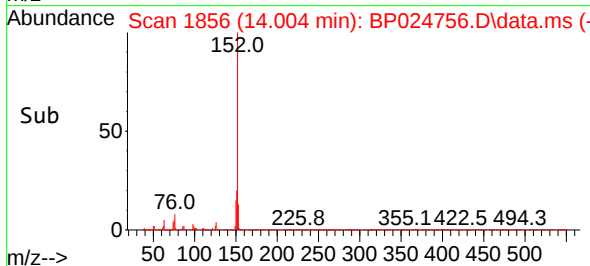
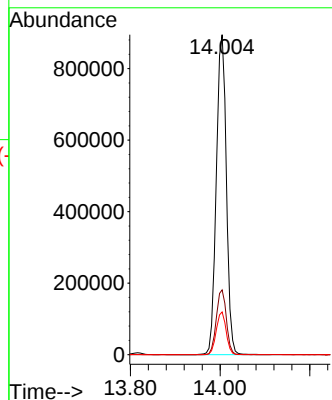
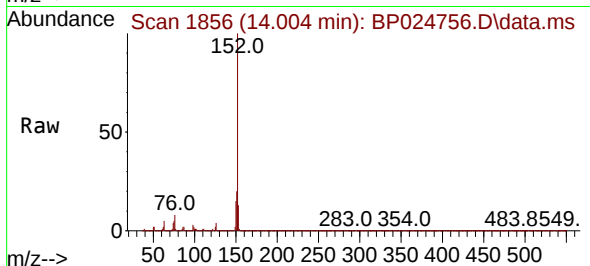




#49
Acenaphthylene
Concen: 43.560 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

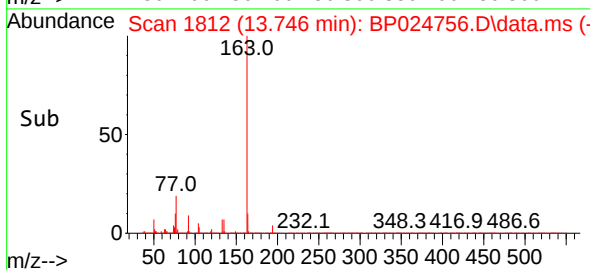
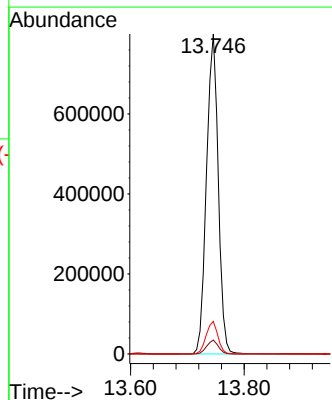
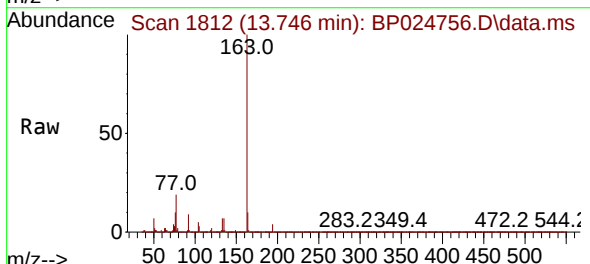
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

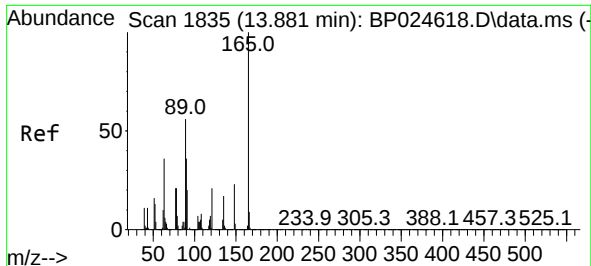
Tgt Ion:152 Resp: 1391550
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.2 15.4



#50
Dimethylphthalate
Concen: 44.269 ng
RT: 13.746 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:163 Resp: 1142952
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.2 8.1 12.1

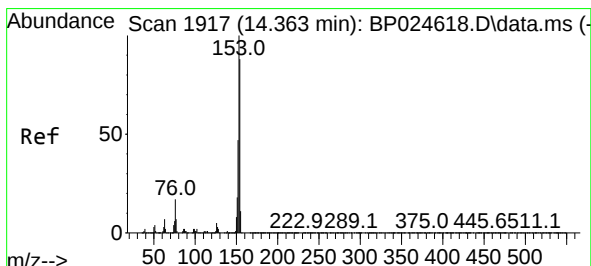
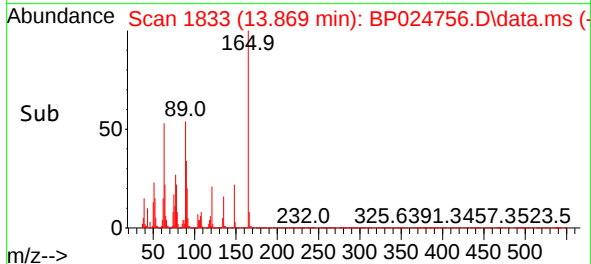
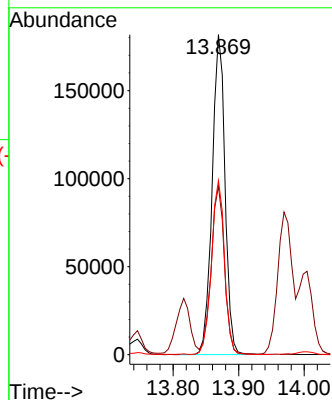
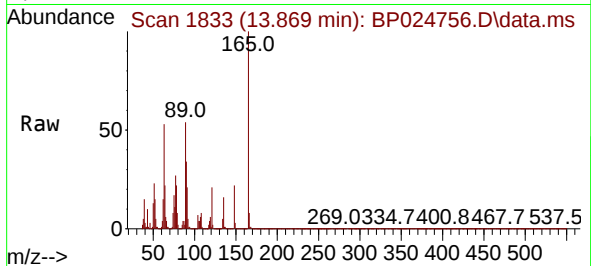




#51
2,6-Dinitrotoluene
Concen: 45.467 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

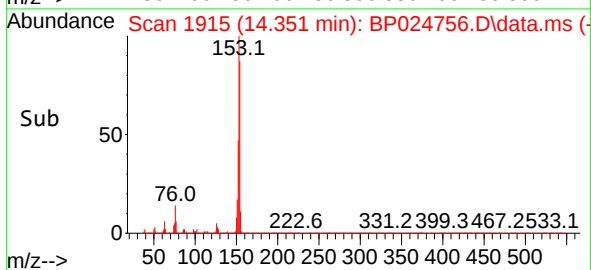
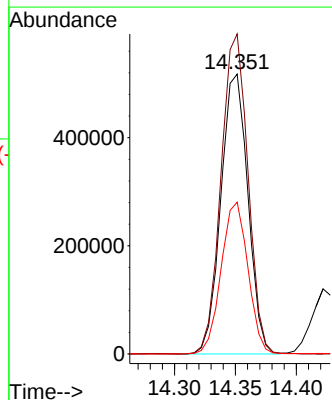
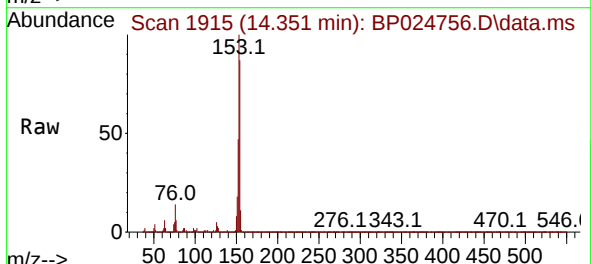
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

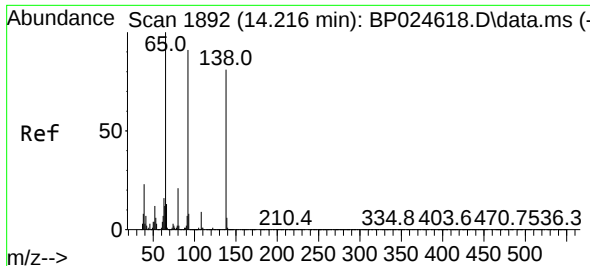
Tgt Ion:165 Resp: 247920
Ion Ratio Lower Upper
165 100
63 52.7 42.4 63.6
89 54.4 44.8 67.2



#52
Acenaphthene
Concen: 43.536 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:154 Resp: 799545
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 54.2 42.9 64.3

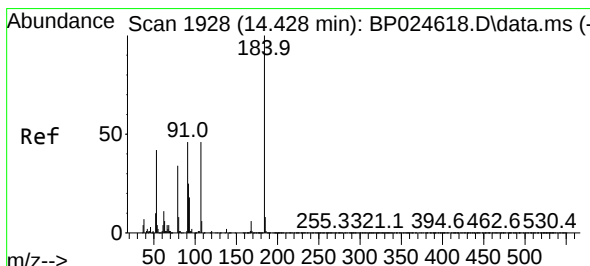
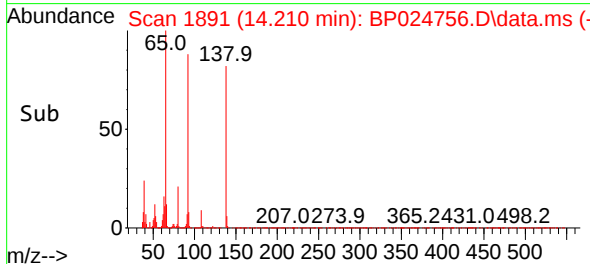
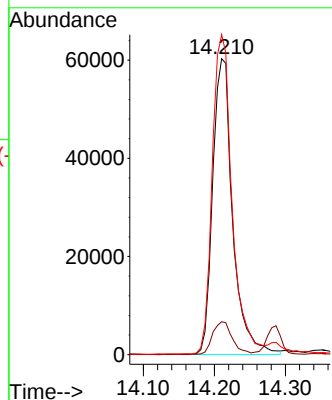
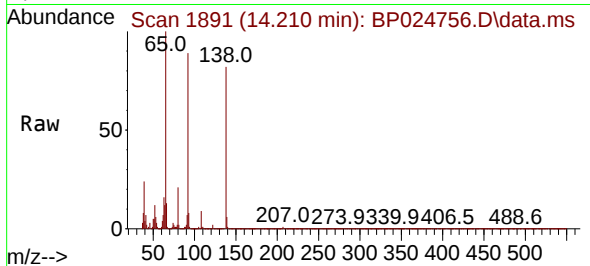




#53
3-Nitroaniline
Concen: 21.100 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

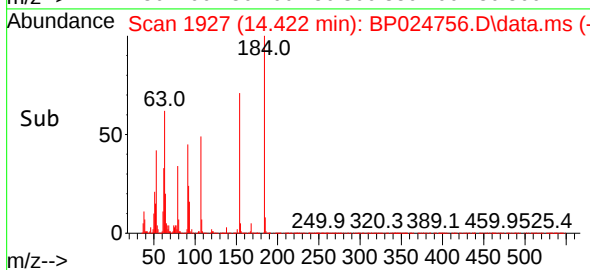
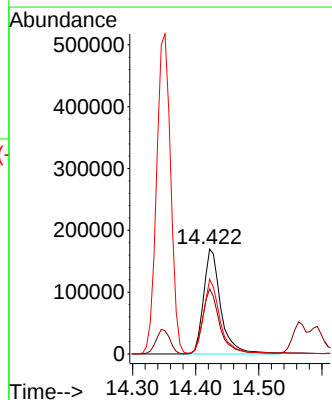
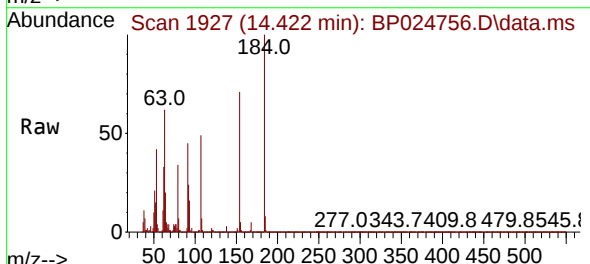
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

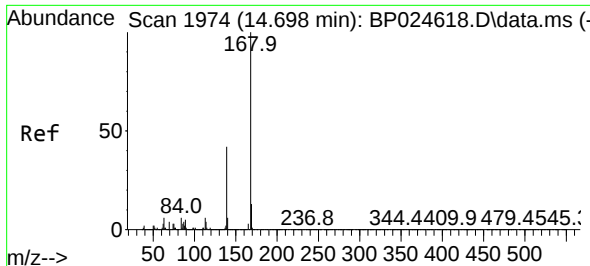
Tgt Ion:138 Resp: 117478
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 108.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 92.631 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:184 Resp: 322278
Ion Ratio Lower Upper
184 100
63 62.2 51.3 76.9
154 71.1 53.5 80.3

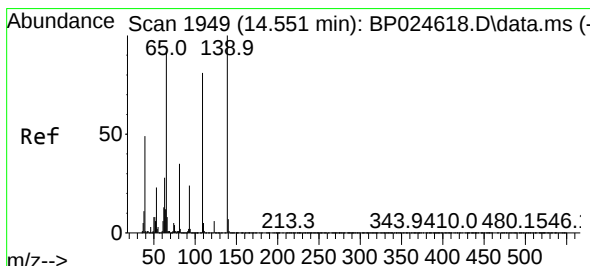
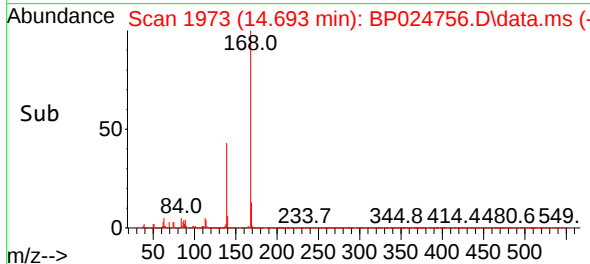
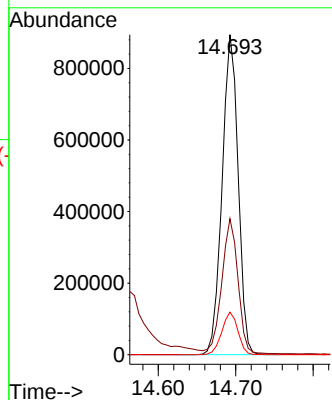
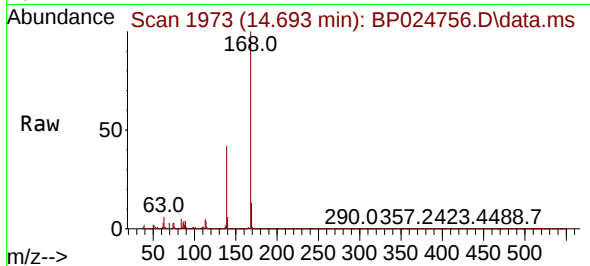




#55
Dibenzenofuran
Concen: 43.972 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

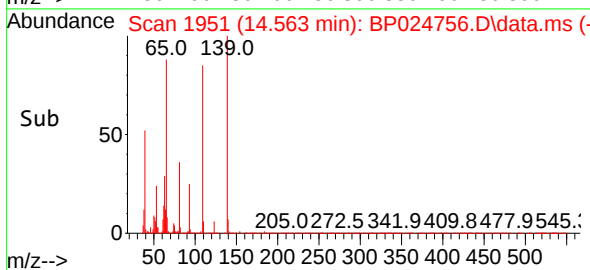
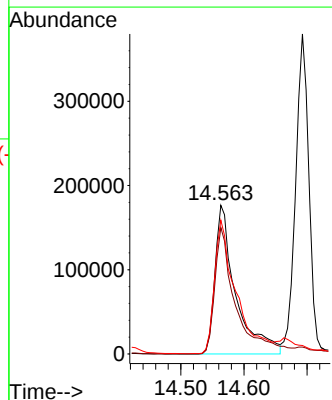
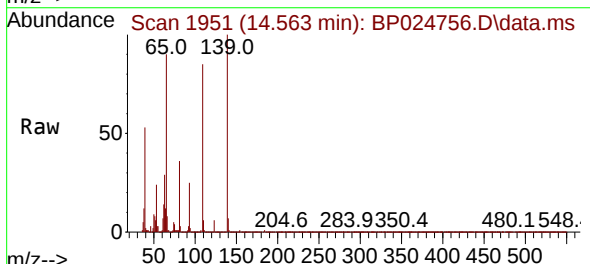
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

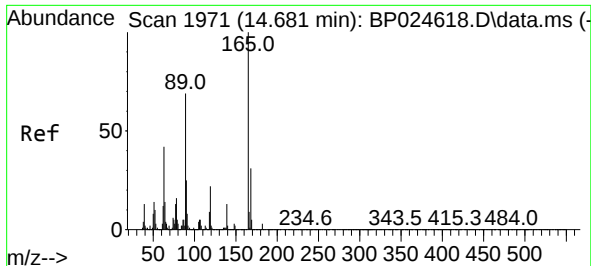
Tgt Ion:168 Resp: 1288076
Ion Ratio Lower Upper
168 100
139 42.5 34.2 51.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 83.411 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:139 Resp: 402969
Ion Ratio Lower Upper
139 100
109 85.0 61.4 101.4
65 90.0 72.2 112.2

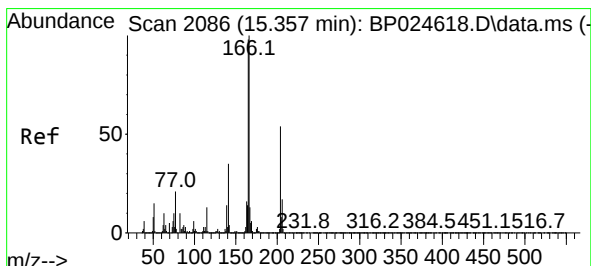
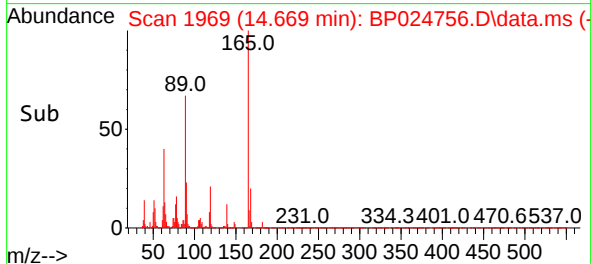
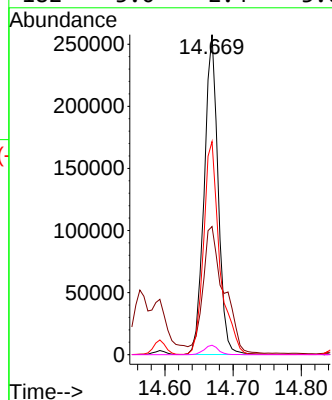
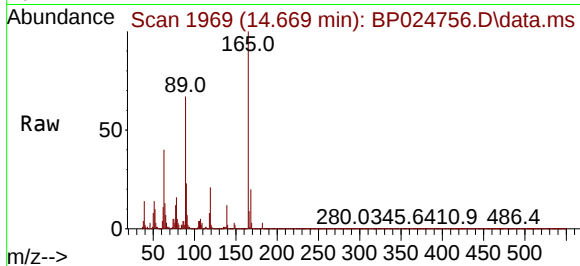




#57
2,4-Dinitrotoluene
Concen: 47.511 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

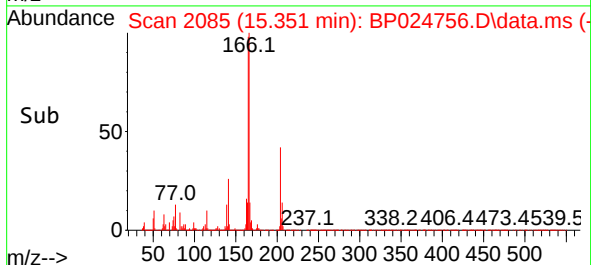
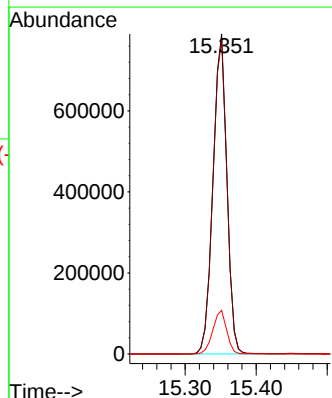
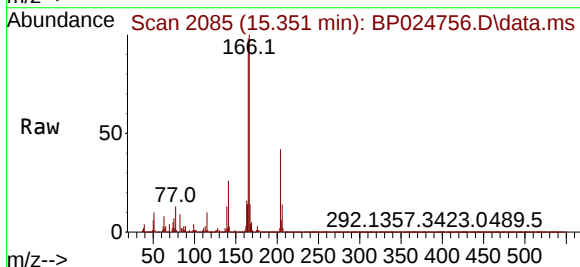
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

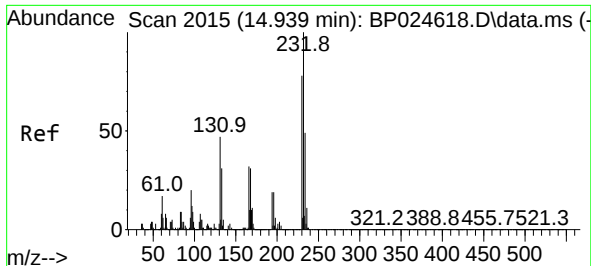
Tgt Ion:165 Resp: 365228
Ion Ratio Lower Upper
165 100
63 40.0 33.8 50.6
89 66.6 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 44.866 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:166 Resp: 1071652
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.6 10.7 16.1

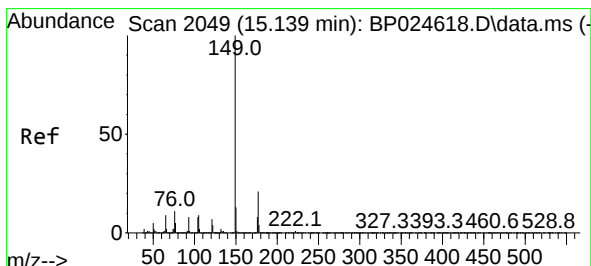
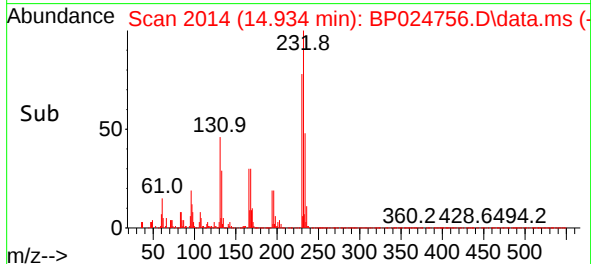
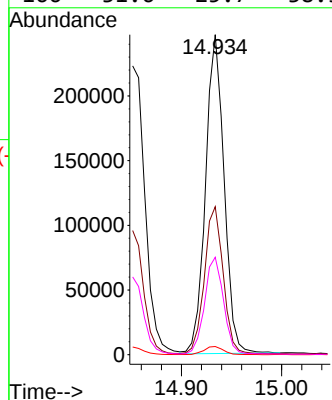
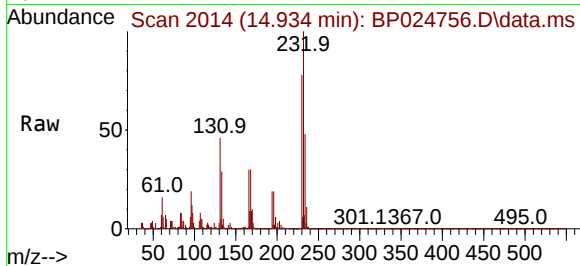




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.321 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

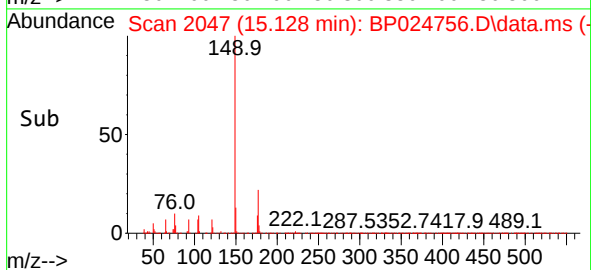
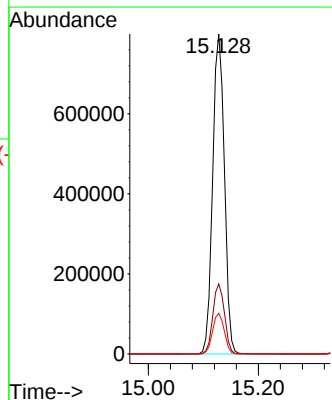
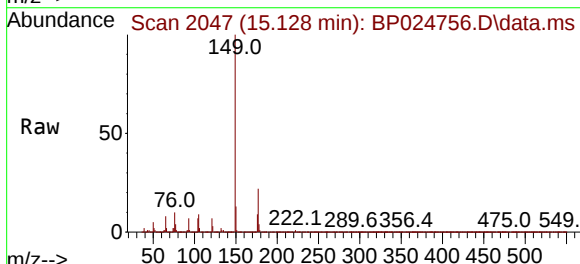
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

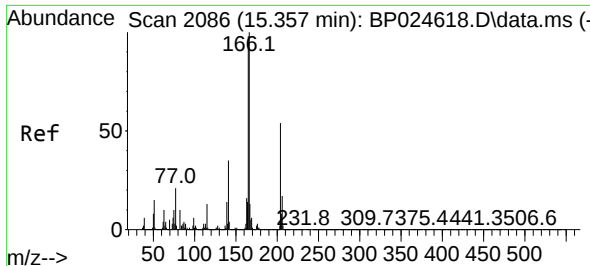
Tgt Ion:232 Resp: 317896
Ion Ratio Lower Upper
232 100
131 47.1 39.5 59.3
130 2.7 2.2 3.4
166 31.6 25.7 38.5



#60
Diethylphthalate
Concen: 45.380 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:149 Resp: 1184185
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.7 10.2 15.2

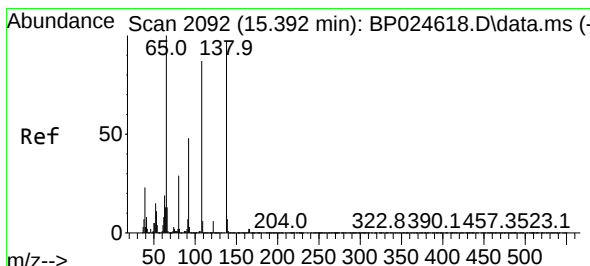
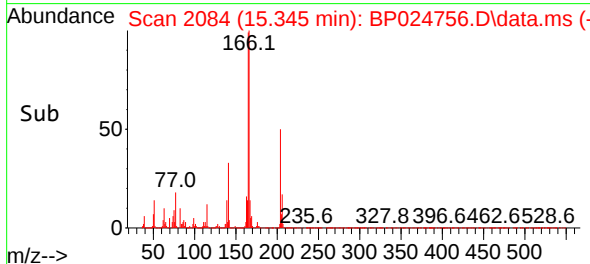
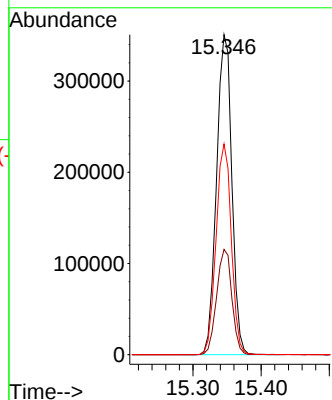
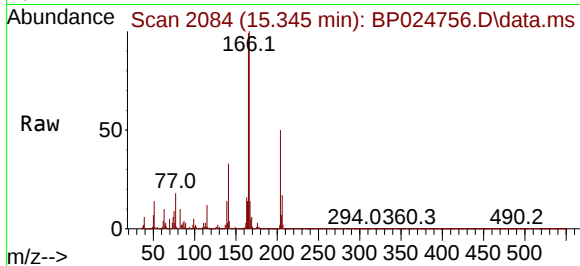




#61
4-Chlorophenyl-phenylether
Concen: 45.924 ng
RT: 15.345 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

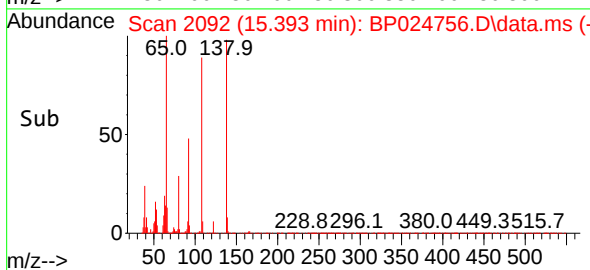
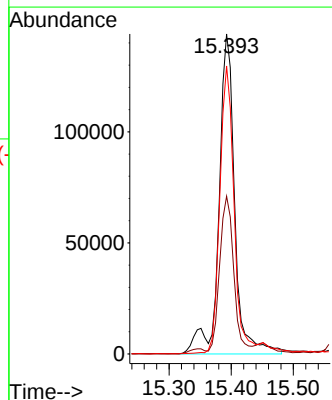
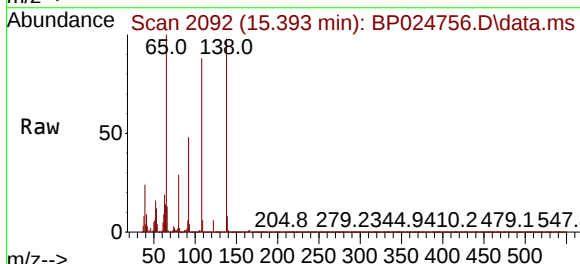
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

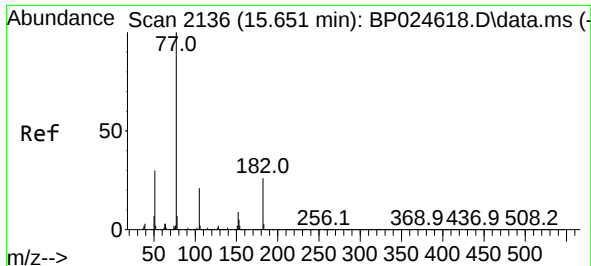
Tgt Ion:204 Resp: 547042
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 65.9 52.9 79.3



#62
4-Nitroaniline
Concen: 47.290 ng m
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:138 Resp: 254227
Ion Ratio Lower Upper
138 100
92 49.3 29.2 69.2
108 90.0 69.0 109.0

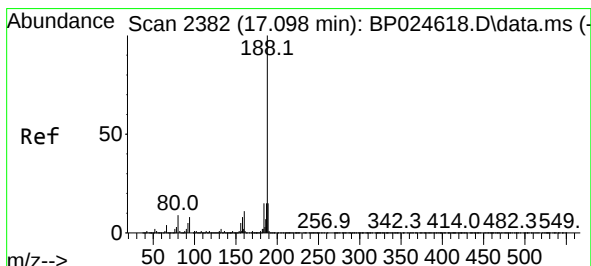
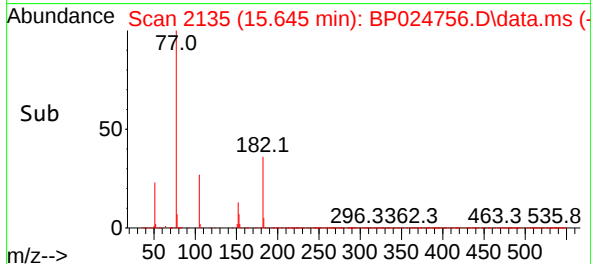
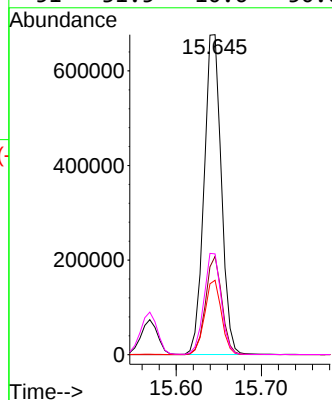
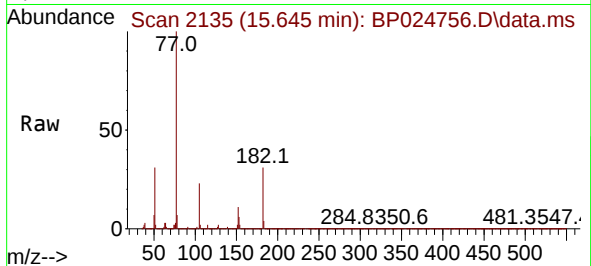




#63
Azobenzene
Concen: 42.554 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

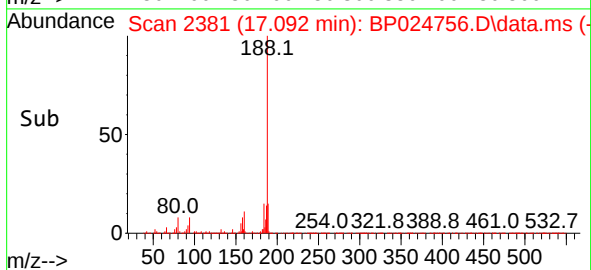
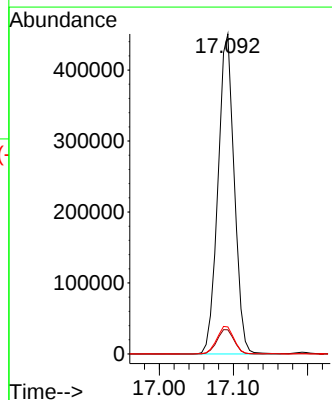
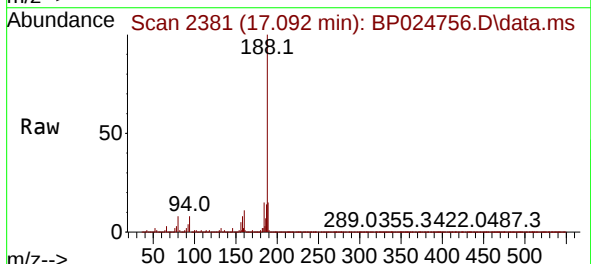
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

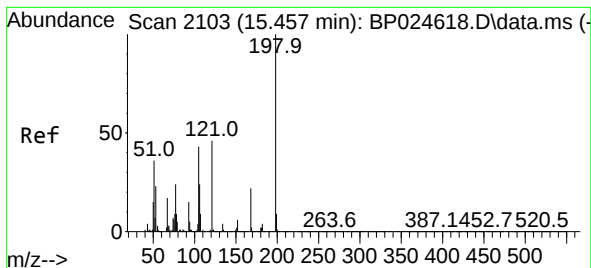
Tgt Ion:	77	Resp:	949950
Ion	Ratio	Lower	Upper
77	100		
182	30.7	5.7	45.7
105	23.3	1.3	41.3
51	31.5	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:	188	Resp:	686645
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.5	7.3	10.9

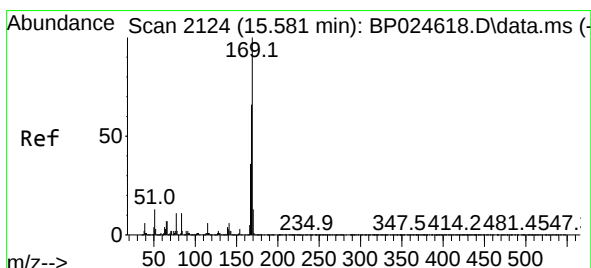
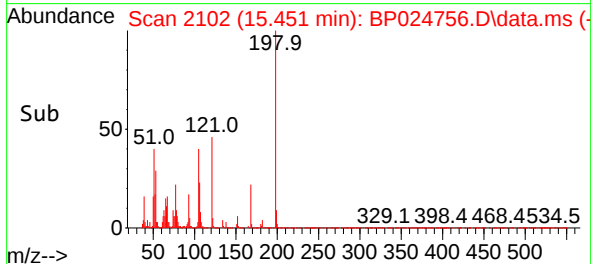
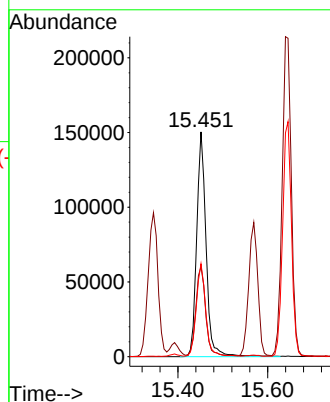
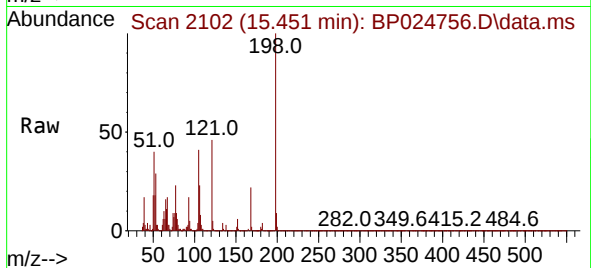




#65
4,6-Dinitro-2-methylphenol
Concen: 49.318 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

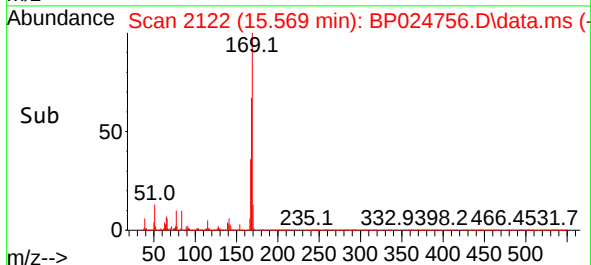
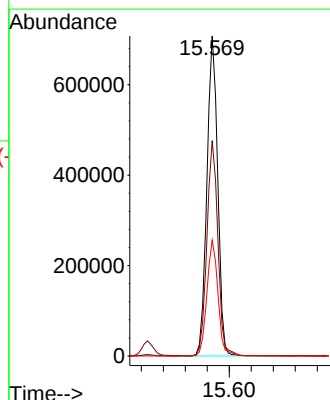
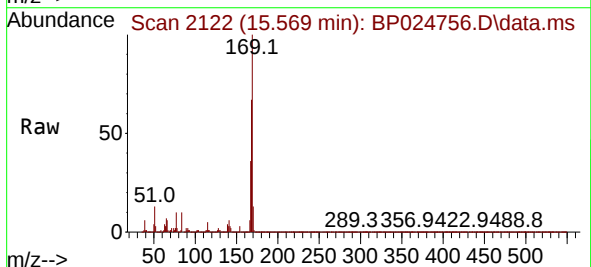
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

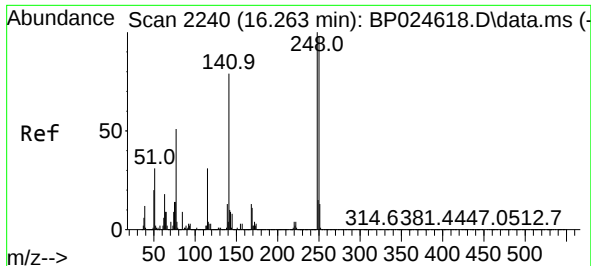
Tgt Ion:198 Resp: 218741
Ion Ratio Lower Upper
198 100
51 40.1 21.1 61.1
105 41.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.582 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:169 Resp: 961369
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.2 28.6 43.0

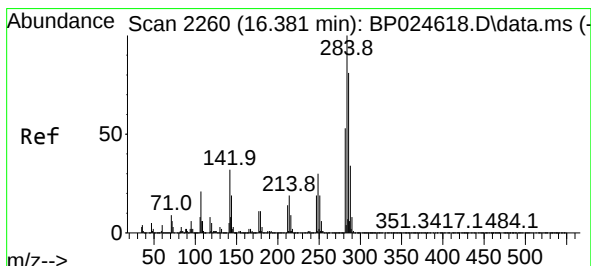
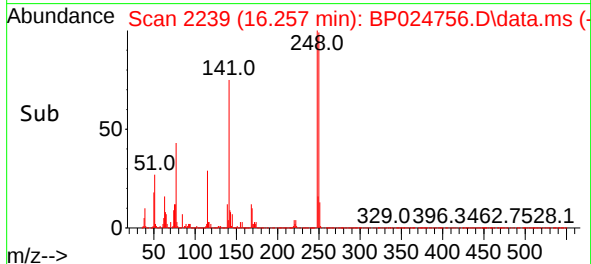
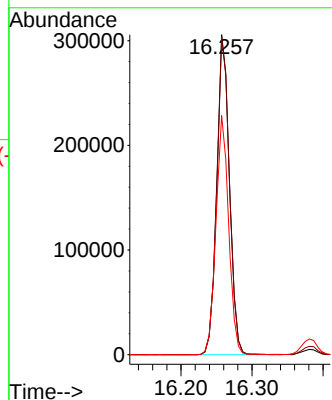
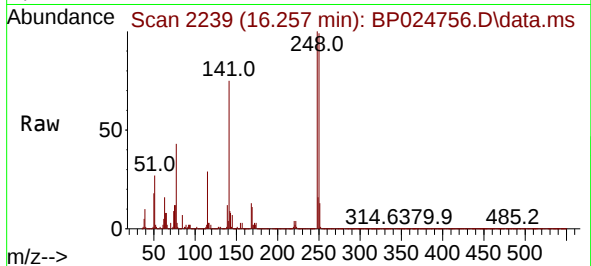




#67
4-Bromophenyl-phenylether
Concen: 46.751 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

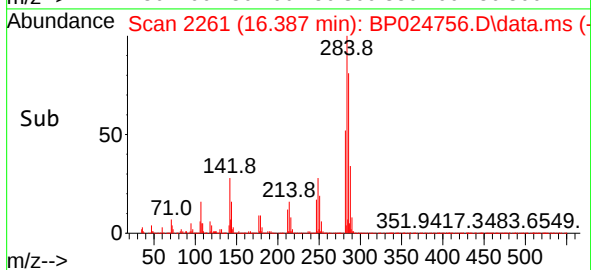
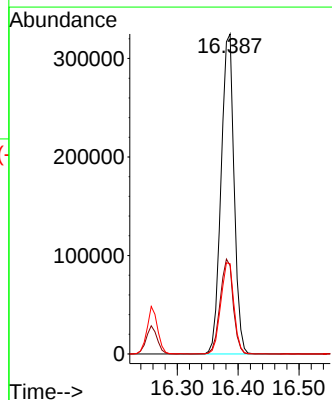
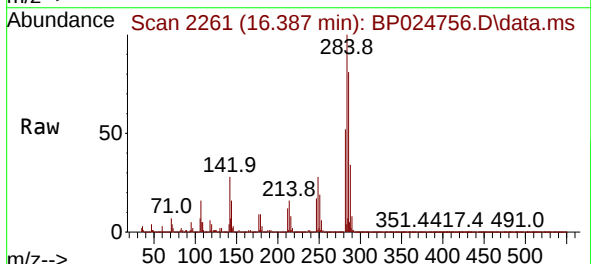
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:248 Resp: 378264
Ion Ratio Lower Upper
248 100
250 99.4 78.2 117.4
141 74.8 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.728 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:284 Resp: 480414
Ion Ratio Lower Upper
284 100
142 27.5 25.9 38.9
249 28.2 24.1 36.1





#69

Atrazine

Concen: 48.382 ng

RT: 16.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

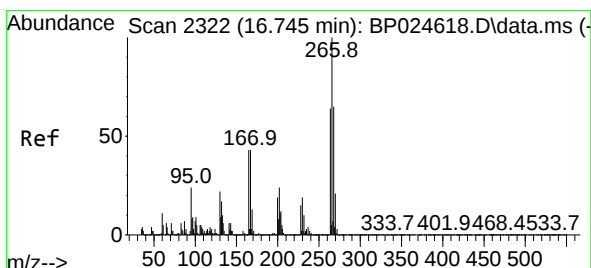
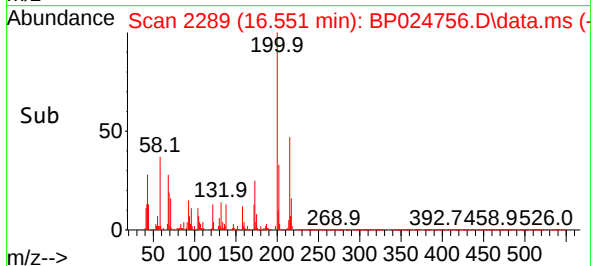
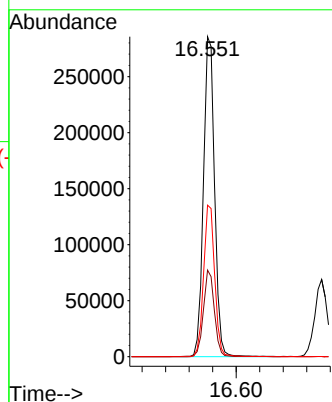
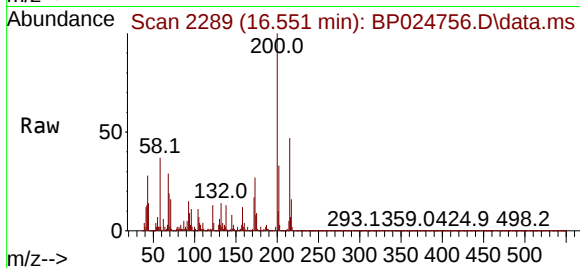
Tgt Ion:200 Resp: 373961

Ion Ratio Lower Upper

200 100

173 27.0 5.9 45.9

215 47.3 28.3 68.3



#70

Pentachlorophenol

Concen: 107.740 ng

RT: 16.745 min Scan# 2322

Delta R.T. 0.000 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

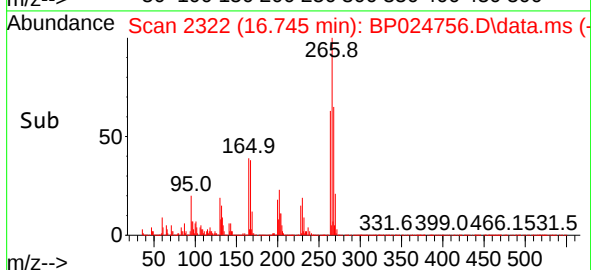
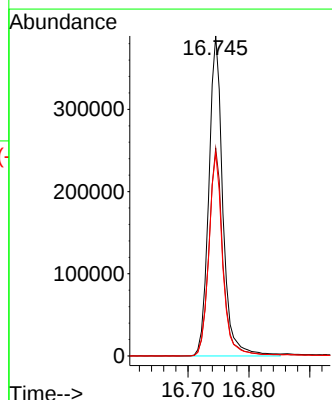
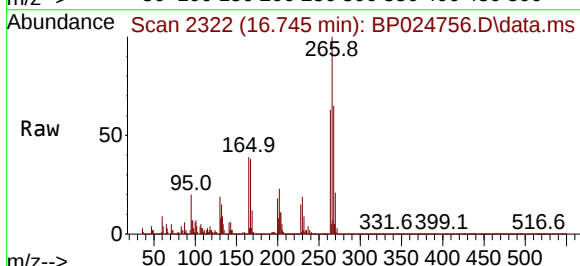
Tgt Ion:266 Resp: 621802

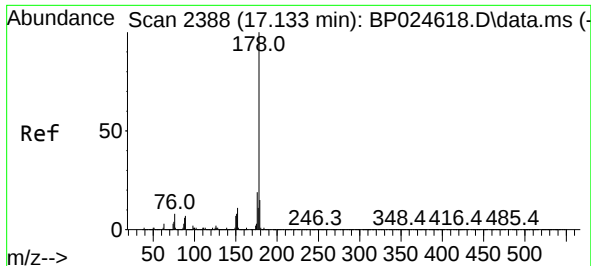
Ion Ratio Lower Upper

266 100

268 64.9 52.2 78.4

264 63.3 51.1 76.7

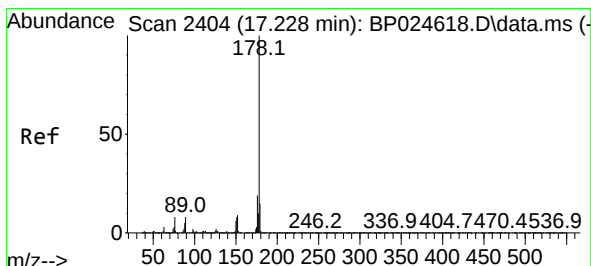
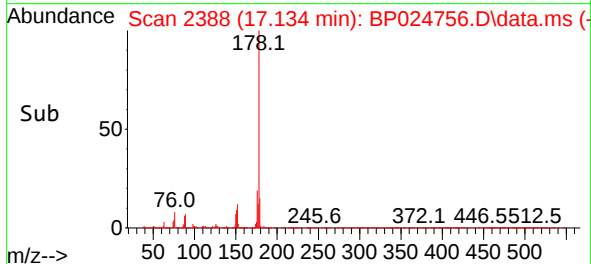
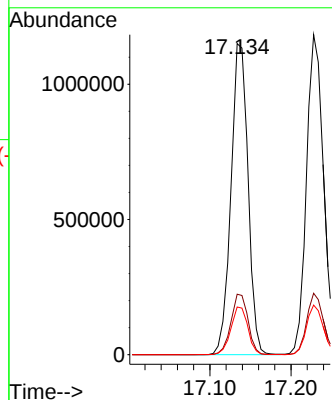
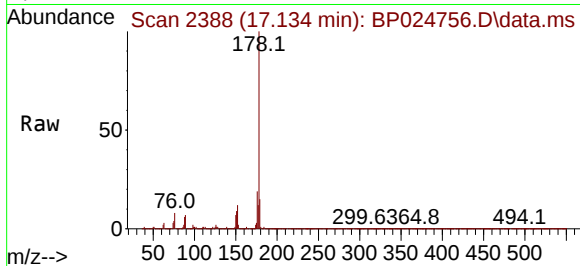




#71
Phenanthrene
Concen: 44.002 ng
RT: 17.134 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

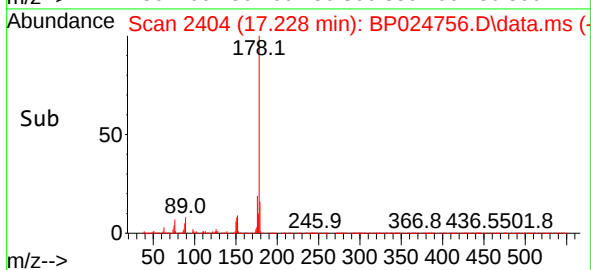
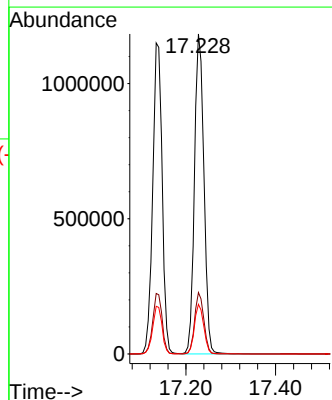
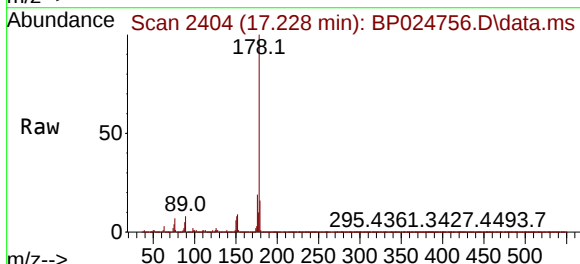
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

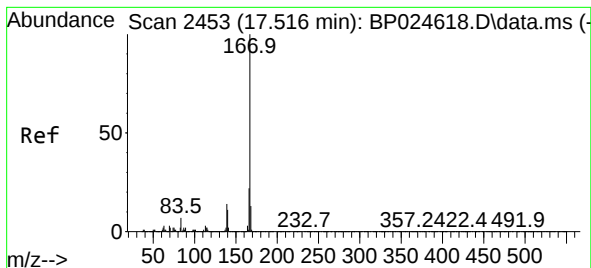
Tgt Ion:178 Resp: 1679605
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.3 12.2 18.4



#72
Anthracene
Concen: 45.101 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:178 Resp: 1732101
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.5 12.2 18.2





#73

Carbazole

Concen: 46.577 ng

RT: 17.516 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

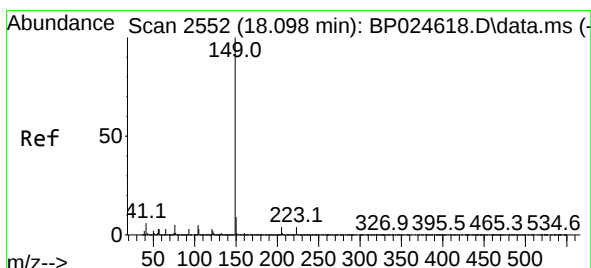
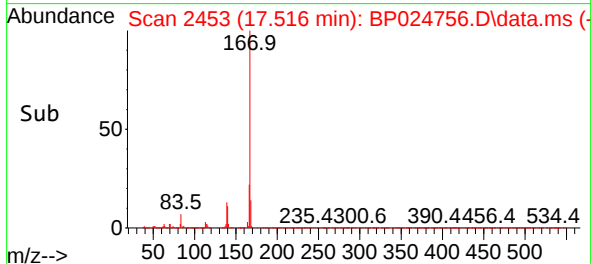
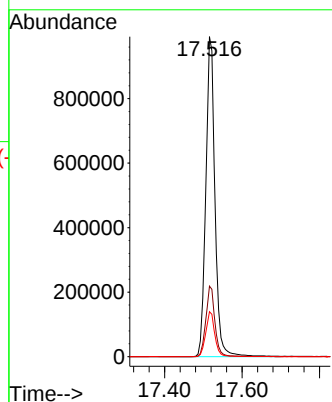
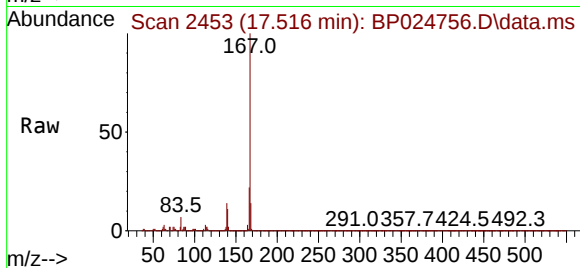
Tgt Ion:167 Resp: 1619014

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 14.1 11.3 16.9



#74

Di-n-butylphthalate

Concen: 47.236 ng

RT: 18.104 min Scan# 2553

Delta R.T. 0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

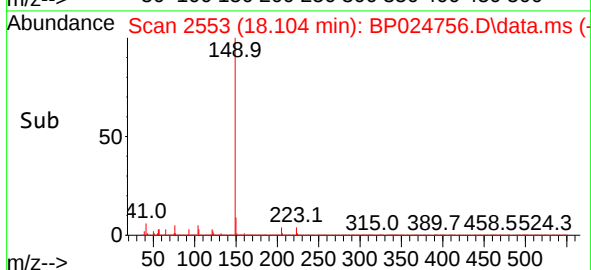
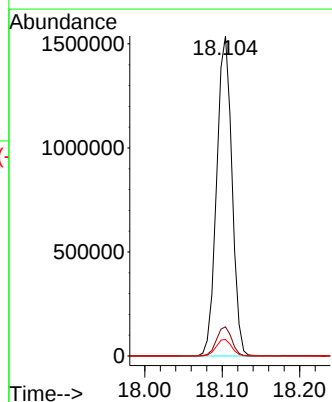
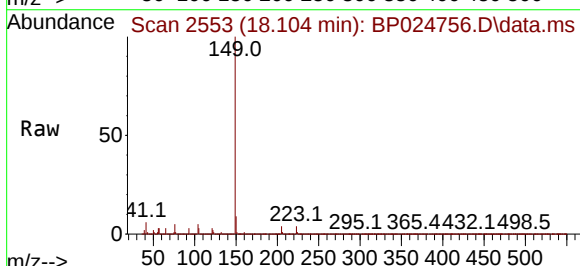
Tgt Ion:149 Resp: 2111662

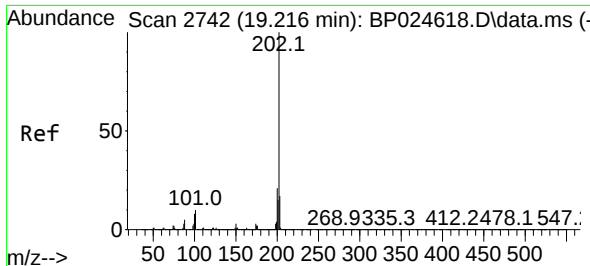
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.1 4.3 6.5

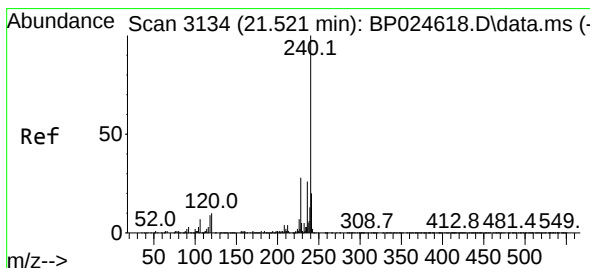
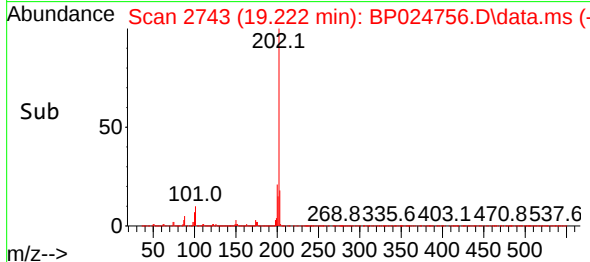
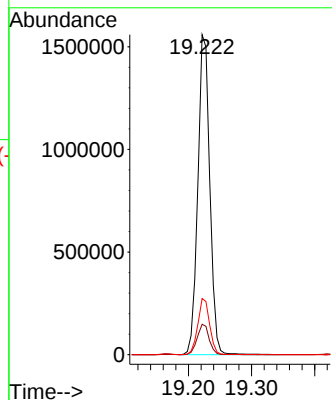
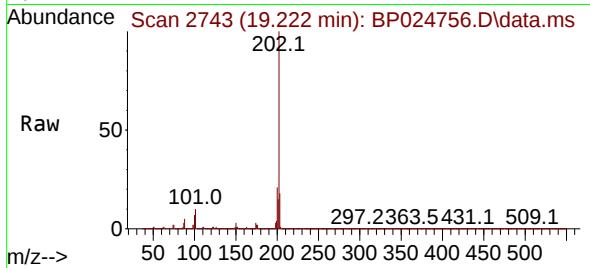




#75
Fluoranthene
Concen: 45.816 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

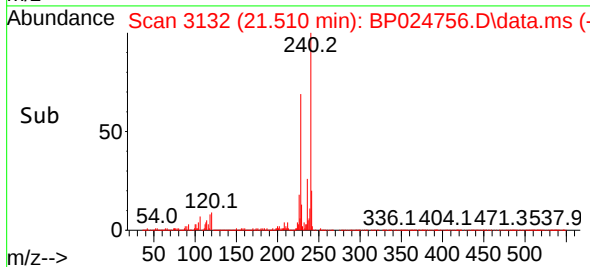
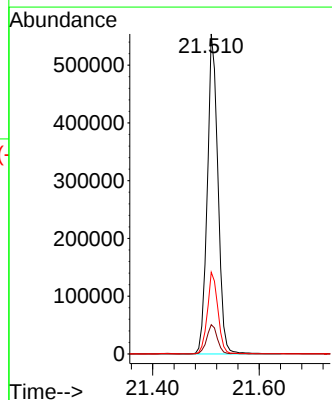
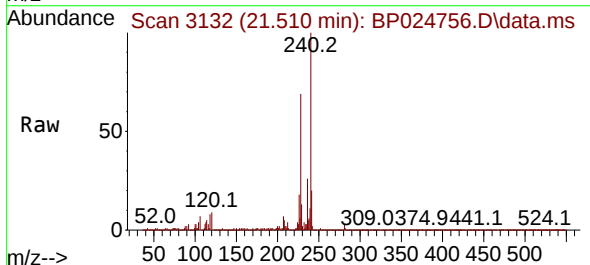
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

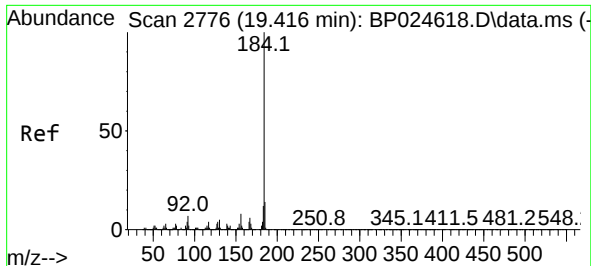
Tgt Ion:202 Resp: 2044320
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.3
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:240 Resp: 768545
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.6 20.6 31.0

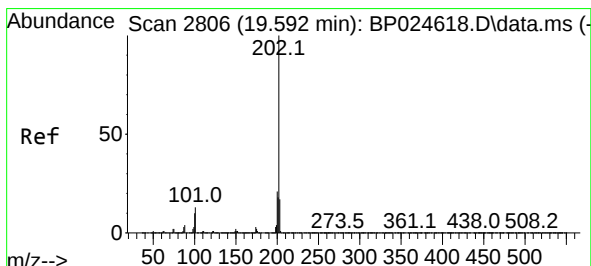
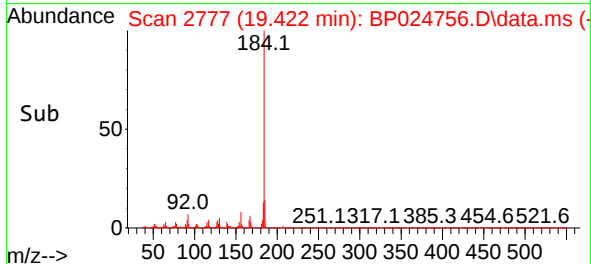
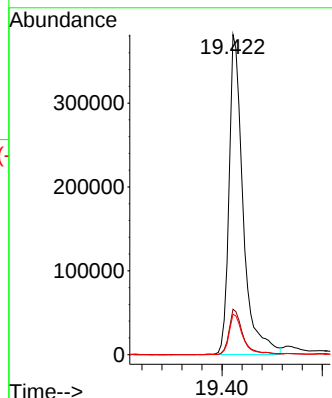
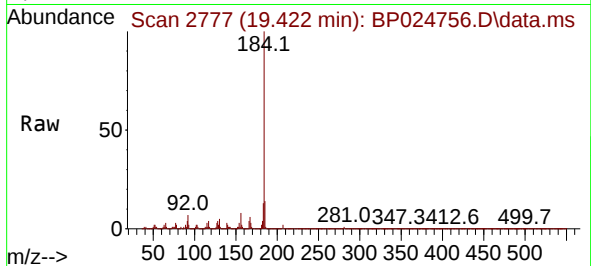




#77
Benzidine
Concen: 35.485 ng
RT: 19.422 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

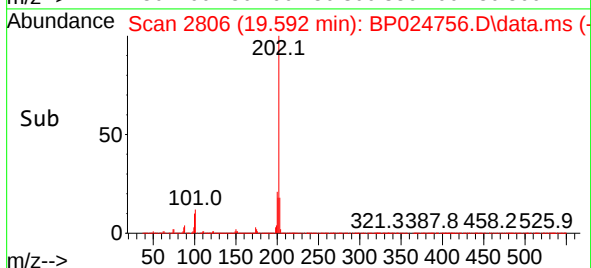
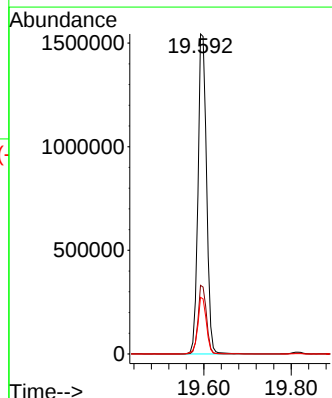
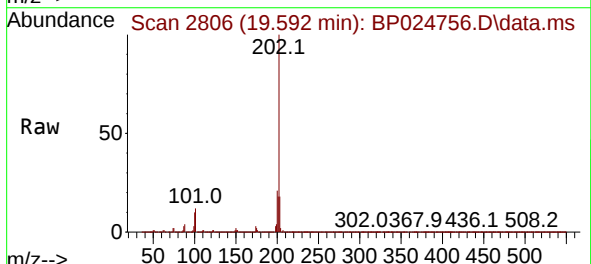
Instrument :
BNA_P
ClientSampleId :
PB168098BSD

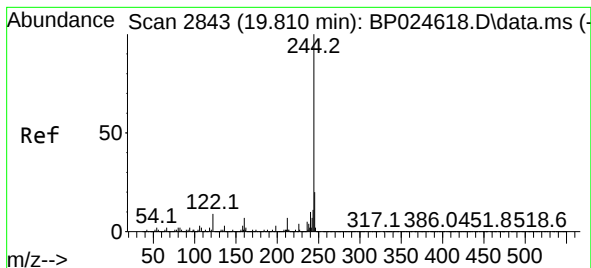
Tgt Ion:184 Resp: 742781
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 12.6 9.8 14.8



#78
Pyrene
Concen: 45.592 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:202 Resp: 2099503
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 81.496 ng

RT: 19.816 min Scan# 2843

Delta R.T. 0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

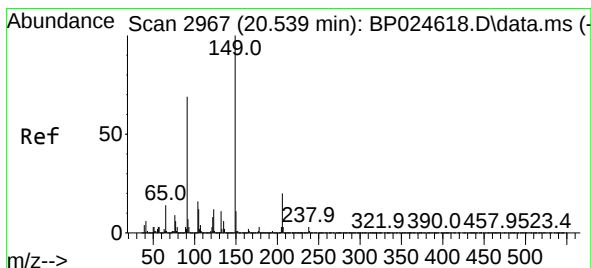
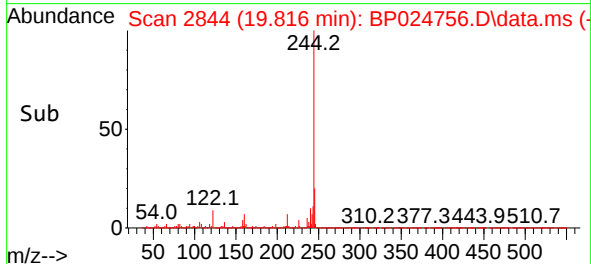
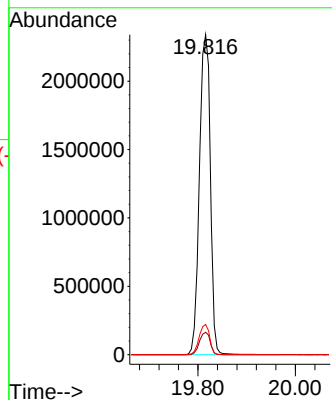
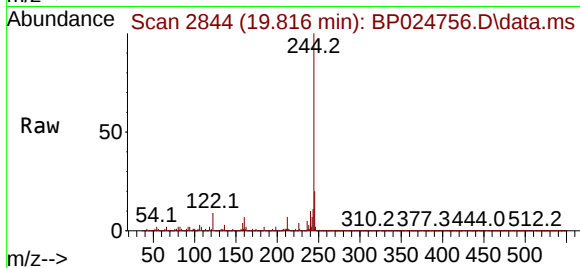
Tgt Ion:244 Resp: 3652739

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.5 7.4 11.0



#80

Butylbenzylphthalate

Concen: 48.461 ng

RT: 20.545 min Scan# 2968

Delta R.T. 0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

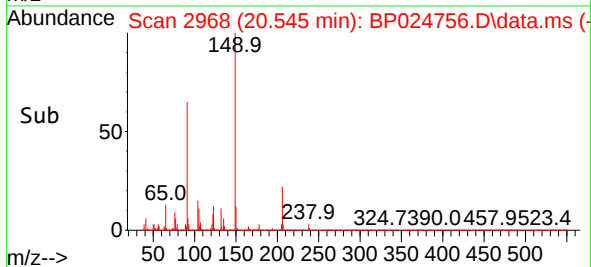
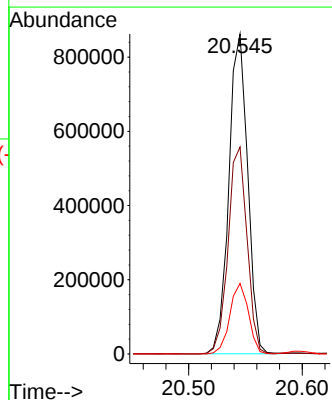
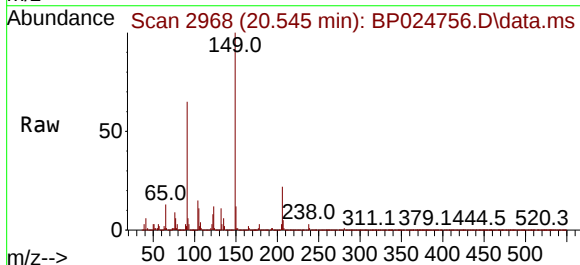
Tgt Ion:149 Resp: 992487

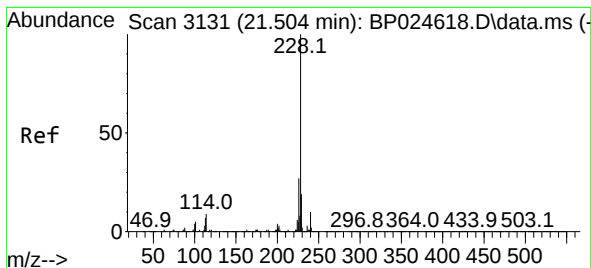
Ion Ratio Lower Upper

149 100

91 64.7 55.4 83.0

206 22.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.475 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

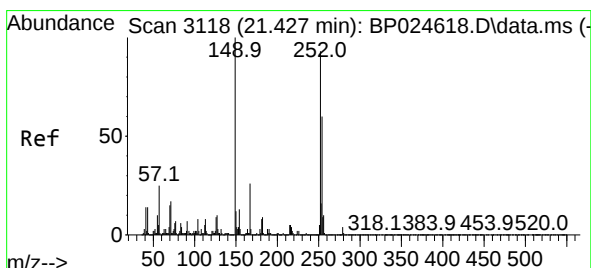
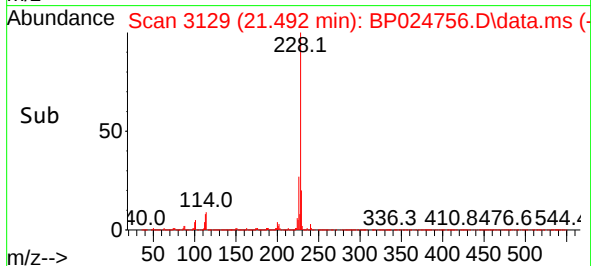
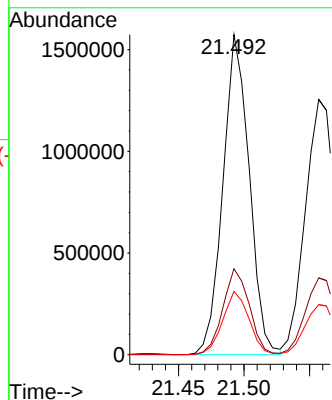
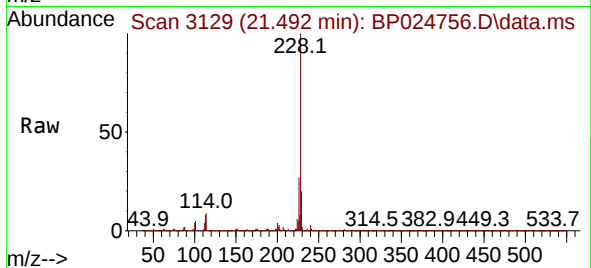
Tgt Ion:228 Resp: 2194524

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 30.394 ng

RT: 21.428 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

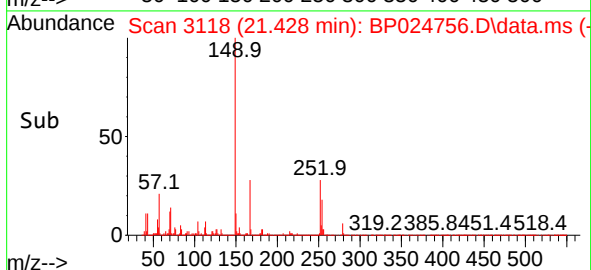
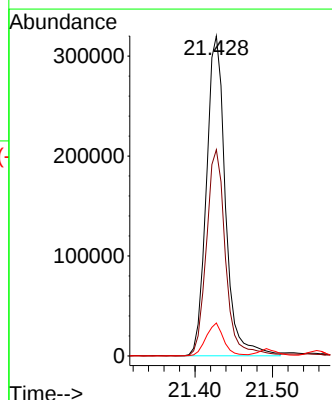
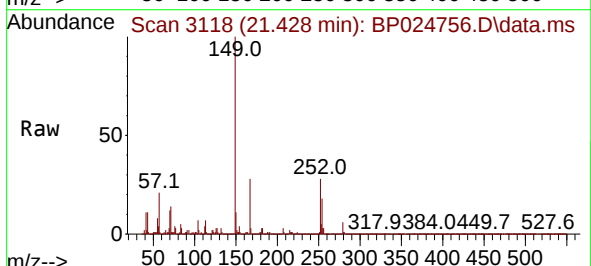
Tgt Ion:252 Resp: 544789

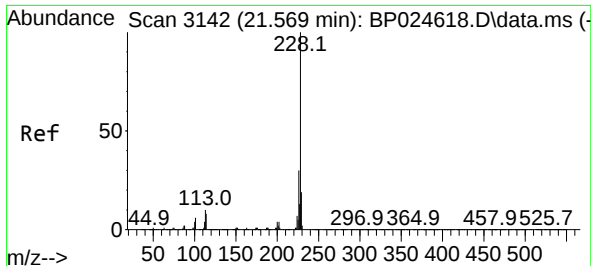
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 10.3 7.7 11.5





#83

Chrysene

Concen: 44.408 ng

RT: 21.557 min Scan# 3118

Delta R.T. -0.012 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

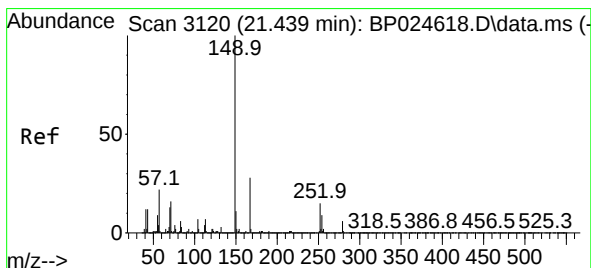
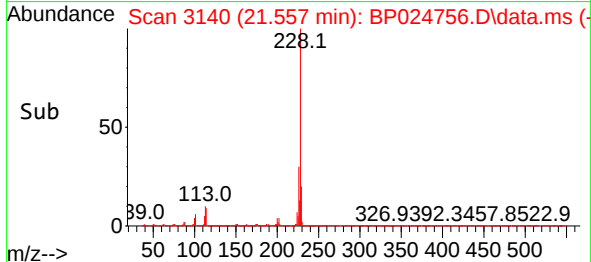
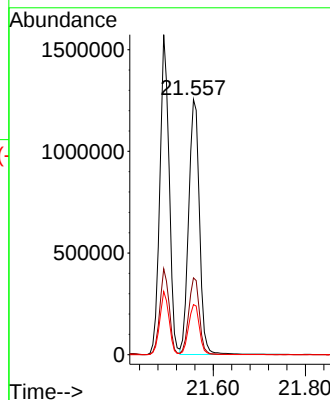
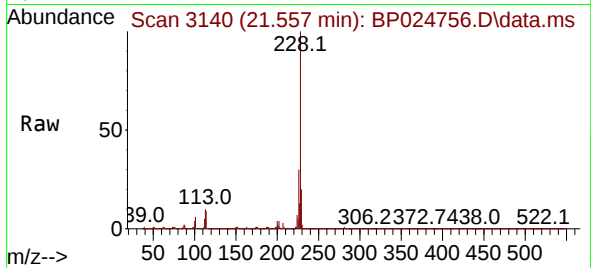
Tgt Ion:228 Resp: 2031513

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.121 ng

RT: 21.428 min Scan# 3118

Delta R.T. -0.012 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

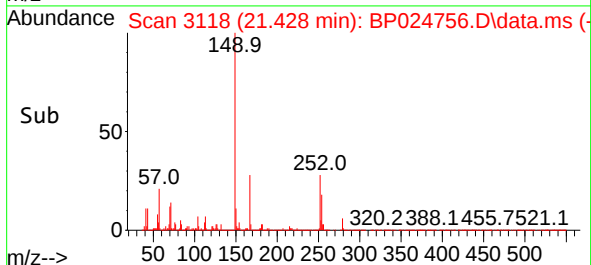
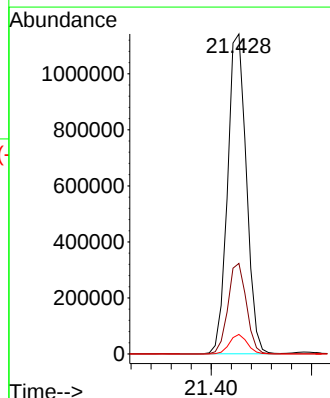
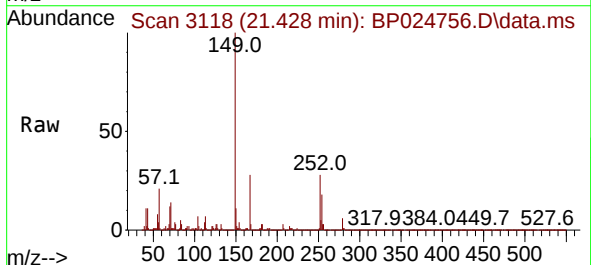
Tgt Ion:149 Resp: 1478644

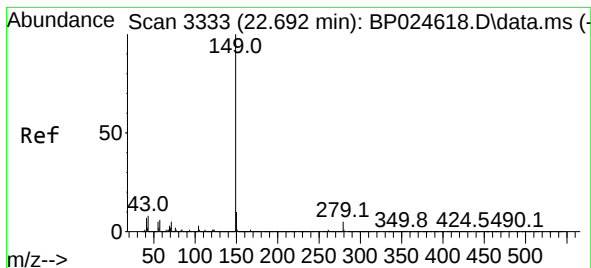
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 6.1 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 49.615 ng

RT: 22.675 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

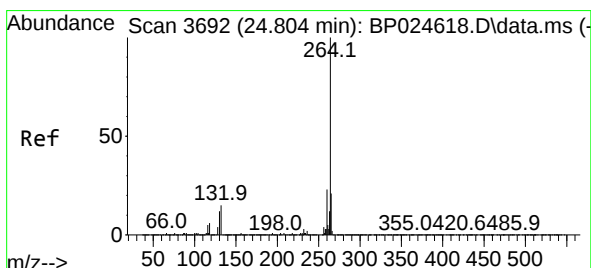
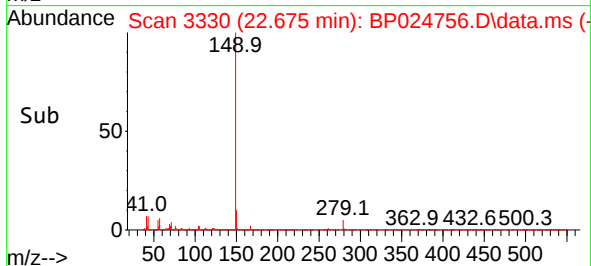
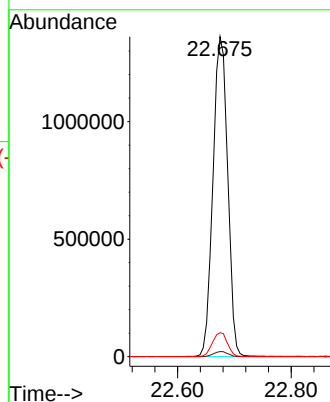
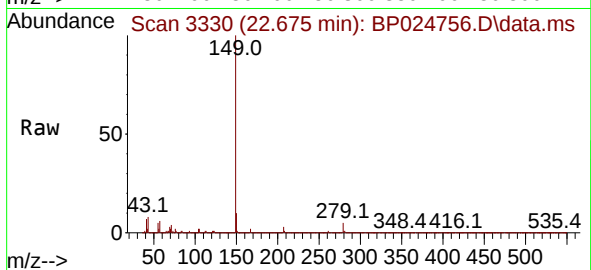
Tgt Ion:149 Resp: 2442323

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: 24.786 min Scan# 3689

Delta R.T. -0.017 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

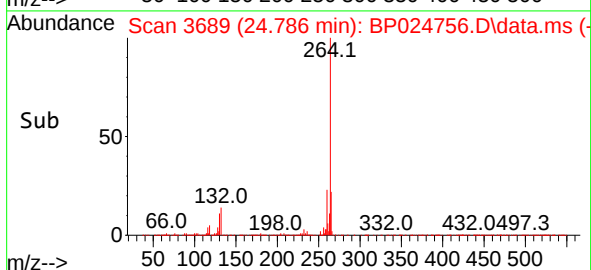
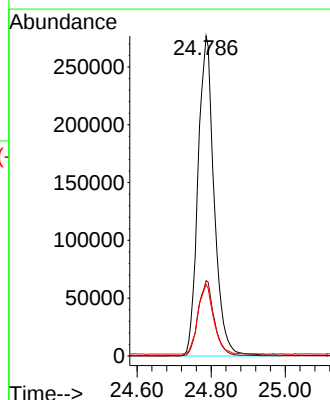
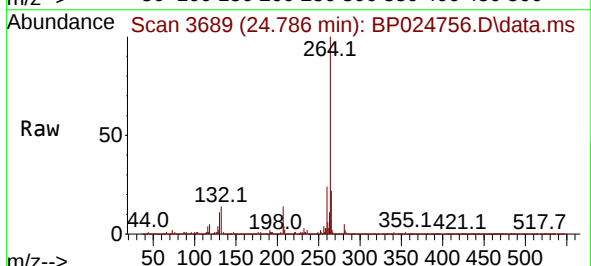
Tgt Ion:264 Resp: 835982

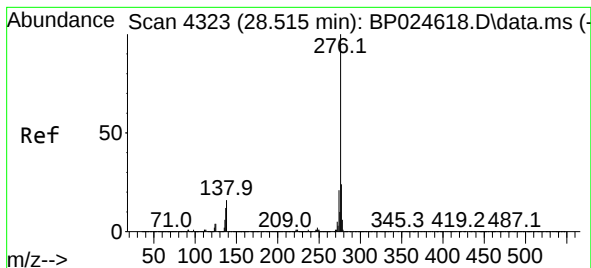
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.820 ng

RT: 28.515 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

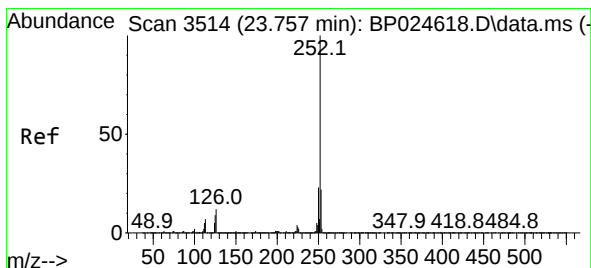
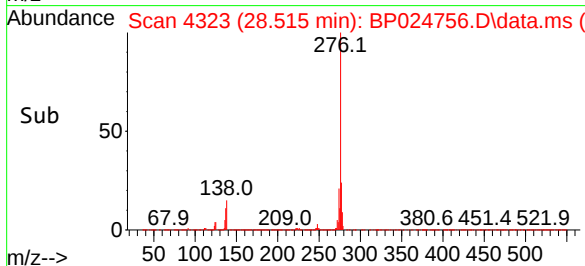
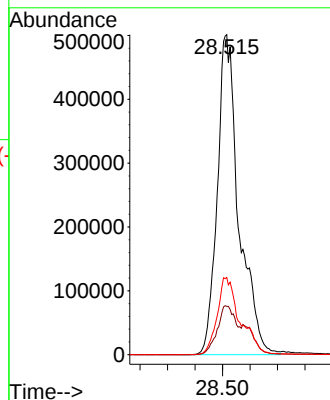
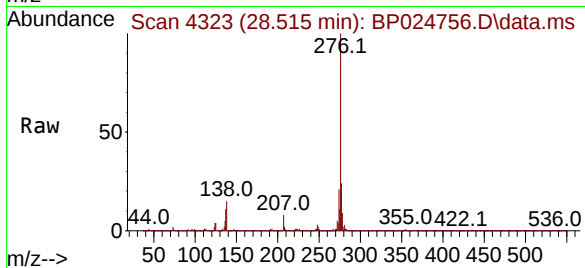
Tgt Ion:276 Resp: 2735441

Ion Ratio Lower Upper

276 100

138 13.7 11.2 16.8

277 25.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.679 ng

RT: 23.763 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

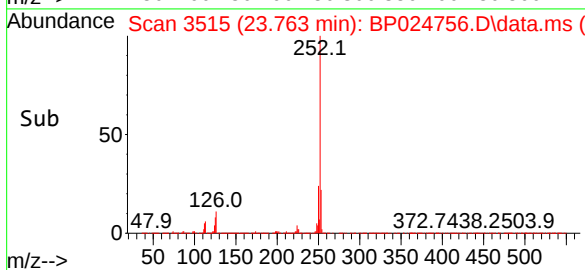
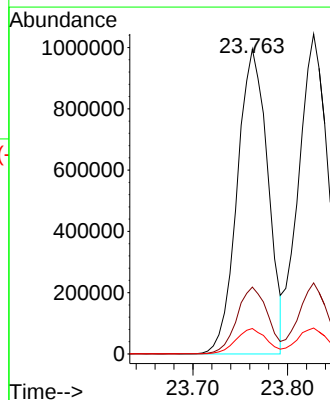
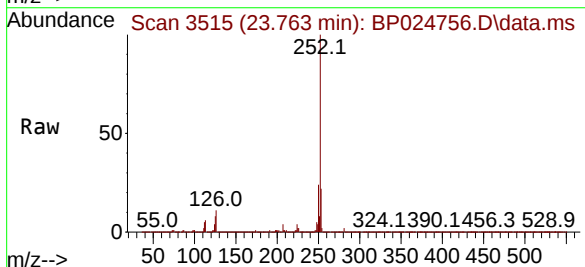
Tgt Ion:252 Resp: 2233590

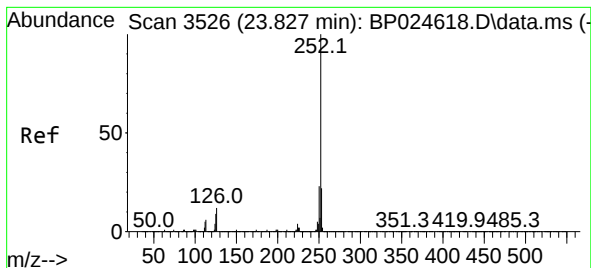
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 45.608 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

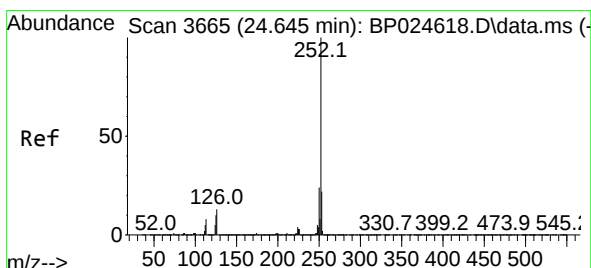
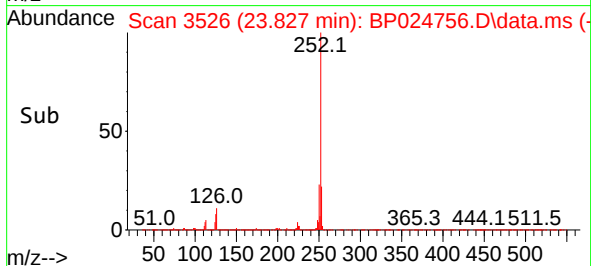
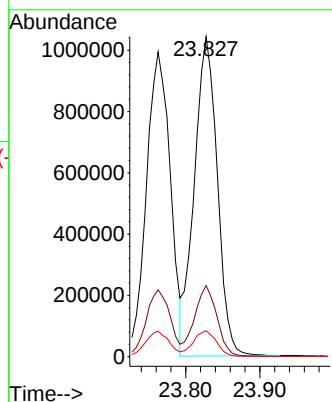
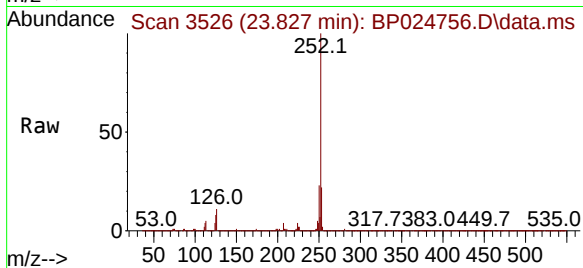
Tgt Ion:252 Resp: 2248794

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 46.138 ng

RT: 24.639 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

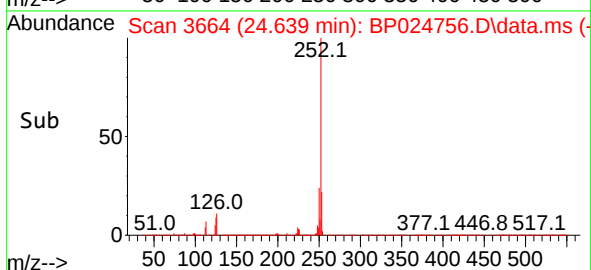
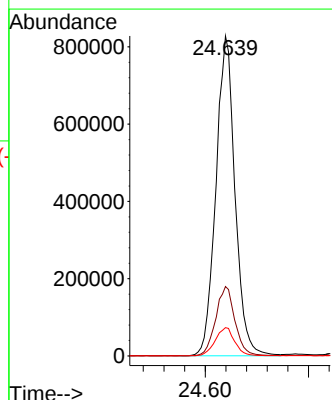
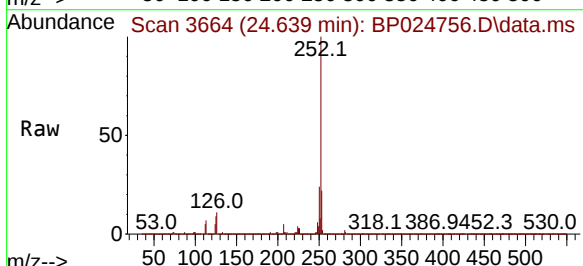
Tgt Ion:252 Resp: 2120304

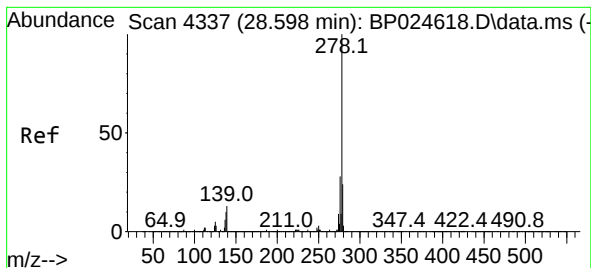
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.9 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.246 ng

RT: 28.598 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Instrument :

BNA_P

ClientSampleId :

PB168098BSD

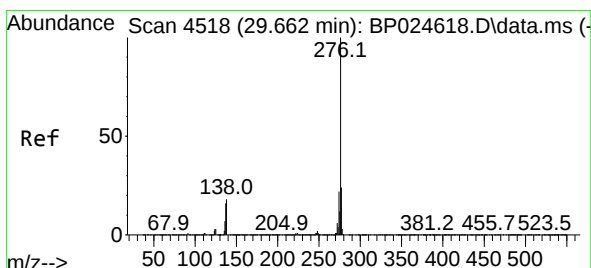
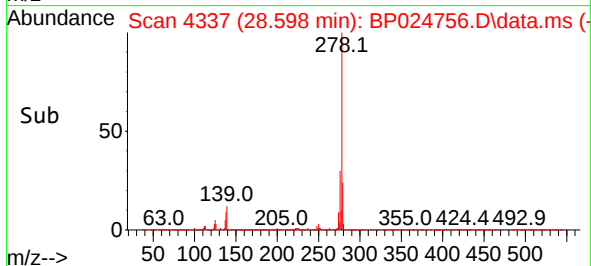
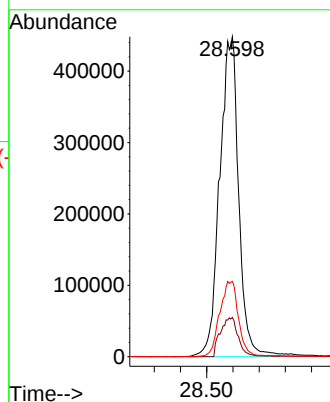
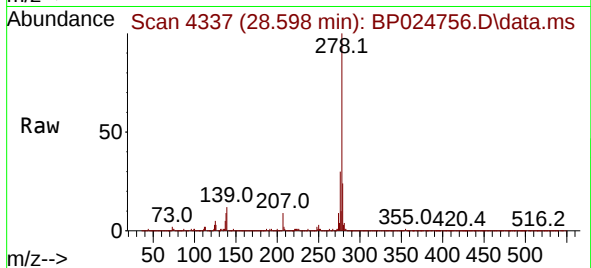
Tgt Ion:278 Resp: 2246534

Ion Ratio Lower Upper

278 100

139 12.2 10.2 15.4

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 43.905 ng

RT: 29.668 min Scan# 4519

Delta R.T. 0.006 min

Lab File: BP024756.D

Acq: 22 May 2025 12:58

Tgt Ion:276 Resp: 2167806

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 16.0 14.4 21.6

