

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024755.D
 Acq On : 22 May 2025 12:18
 Operator : RC/JU
 Sample : PB168098BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168098BS

Quant Time: May 22 12:38:48 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	114889	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	451979	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	283120	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	568580	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	655197	20.000	ng	0.00
86) Perylene-d12	24.821	264	754804	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	867127	129.090	ng	0.00
7) Phenol-d6	6.858	99	1057180	123.315	ng	0.00
23) Nitrobenzene-d5	8.805	82	651125	72.789	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	680647	141.810	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1649799	76.344	ng	0.00
79) Terphenyl-d14	19.810	244	2976627	77.900	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	98847	31.338	ng	98
3) Pyridine	3.617	79	239621	34.261	ng	97
4) n-Nitrosodimethylamine	3.528	42	124929	40.460	ng	94
6) Aniline	6.993	93	218881	19.775	ng	97
8) 2-Chlorophenol	7.234	128	341699	44.810	ng	97
9) Benzaldehyde	6.811	77	190341	34.298	ng	98
10) Phenol	6.881	94	377815	42.699	ng	97
11) bis(2-Chloroethyl)ether	7.087	93	272267	37.447	ng	99
12) 1,3-Dichlorobenzene	7.540	146	357815	40.785	ng	99
13) 1,4-Dichlorobenzene	7.687	146	366569	41.544	ng	100
14) 1,2-Dichlorobenzene	7.999	146	353360	41.098	ng	98
15) Benzyl Alcohol	7.899	79	276507	42.443	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	322660	37.056	ng	98
17) 2-Methylphenol	8.111	107	269118	42.405	ng	99
18) Hexachloroethane	8.716	117	135259	40.002	ng	98
19) n-Nitroso-di-n-propyla...	8.452	70	213658	36.029	ng	98
20) 3+4-Methylphenols	8.440	107	358510	41.529	ng	99
22) Acetophenone	8.469	105	469924	41.622	ng	# 99
24) Nitrobenzene	8.846	77	325051	41.292	ng	95
25) Isophorone	9.363	82	601615	38.772	ng	98
26) 2-Nitrophenol	9.546	139	182128	47.215	ng	99
27) 2,4-Dimethylphenol	9.622	122	307524	45.217	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	366188	39.501	ng	99
29) 2,4-Dichlorophenol	10.093	162	308337	46.784	ng	97
30) 1,2,4-Trichlorobenzene	10.287	180	324103	43.639	ng	98
31) Naphthalene	10.469	128	1006478	42.972	ng	100
32) Benzoic acid	9.799	122	216738m	46.123	ng	
33) 4-Chloroaniline	10.599	127	163881	17.339	ng	99
34) Hexachlorobutadiene	10.752	225	212260	44.118	ng	98
35) Caprolactam	11.393	113	101647	42.629	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	356727	44.385	ng	100
37) 2-Methylnaphthalene	12.087	142	630369	41.565	ng	99
38) 1-Methylnaphthalene	12.304	142	667666	41.145	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	369018	44.885	ng	100
41) Hexachlorocyclopentadiene	12.434	237	401704	80.579	ng	99
43) 2,4,6-Trichlorophenol	12.710	196	254724	47.834	ng	99

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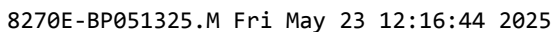
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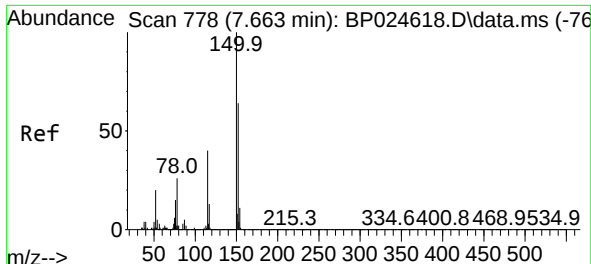
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	275492	46.476	ng	96
46) 1,1'-Biphenyl	13.104	154	898517	42.938	ng	99
47) 2-Chloronaphthalene	13.146	162	691903	43.365	ng	100
48) 2-Nitroaniline	13.363	65	202885	42.950	ng	95
49) Acenaphthylene	14.004	152	1133108	42.437	ng	99
50) Dimethylphthalate	13.740	163	908339	42.093	ng	100
51) 2,6-Dinitrotoluene	13.869	165	199396	43.751	ng	98
52) Acenaphthene	14.351	154	646760	42.134	ng	99
53) 3-Nitroaniline	14.210	138	95294	20.478	ng	98
54) 2,4-Dinitrophenol	14.422	184	262431	90.411	ng	98
55) Dibenzofuran	14.687	168	1059440	43.271	ng	99
56) 4-Nitrophenol	14.569	139	313522	77.936	ng	97
57) 2,4-Dinitrotoluene	14.669	165	298529	46.462	ng	96
58) Fluorene	15.351	166	879435	44.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	251432	45.726	ng	97
60) Diethylphthalate	15.128	149	949347	43.527	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	437310	43.923	ng	97
62) 4-Nitroaniline	15.398	138	208254m	46.348	ng	
63) Azobenzene	15.640	77	764105	40.952	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	172573	46.989	ng	97
66) n-Nitrosodiphenylamine	15.563	169	767455	43.944	ng	98
67) 4-Bromophenyl-phenylether	16.263	248	306650	45.770	ng	96
68) Hexachlorobenzene	16.381	284	387062	45.465	ng	97
69) Atrazine	16.551	200	296861	46.383	ng	98
70) Pentachlorophenol	16.739	266	505930	105.866	ng	98
71) Phenanthrene	17.128	178	1366718	43.239	ng	100
72) Anthracene	17.222	178	1415016	44.495	ng	100
73) Carbazole	17.510	167	1309469	45.494	ng	99
74) Di-n-butylphthalate	18.092	149	1657555	44.777	ng	99
75) Fluoranthene	19.216	202	1698716	45.976	ng	99
77) Benzidine	19.422	184	600097	33.628	ng	100
78) Pyrene	19.598	202	1745500	44.462	ng	100
80) Butylbenzylphthalate	20.551	149	804165	46.059	ng	94
81) Benzo(a)anthracene	21.504	228	1807550	43.936	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	478160	31.292	ng	100
83) Chrysene	21.569	228	1721196	44.134	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1135308	44.240	ng	99
85) Di-n-octyl phthalate	22.686	149	1942063	46.278	ng	99
87) Indeno(1,2,3-cd)pyrene	28.545	276	2517163	45.679	ng	# 91
88) Benzo(b)fluoranthene	23.769	252	1911502	44.244	ng	99
89) Benzo(k)fluoranthene	23.839	252	1959499	44.015	ng	100
90) Benzo(a)pyrene	24.663	252	1856955	44.753	ng	99
91) Dibenzo(a,h)anthracene	28.609	278	2060035	45.952	ng	98
92) Benzo(g,h,i)perylene	29.703	276	2002260	44.913	ng	98

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

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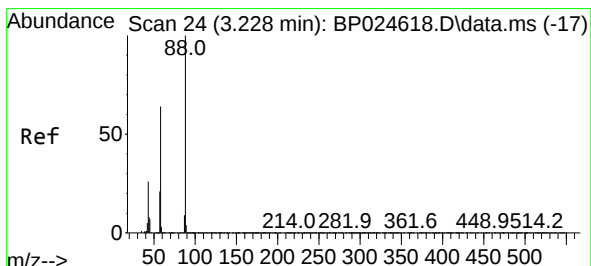
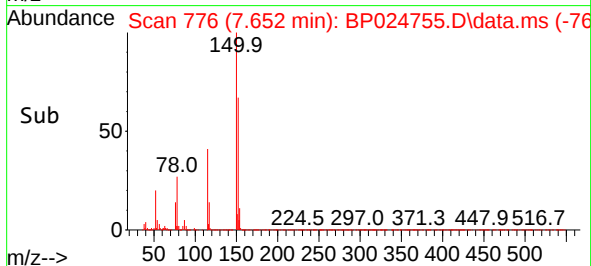
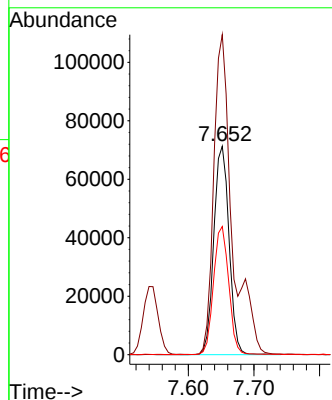
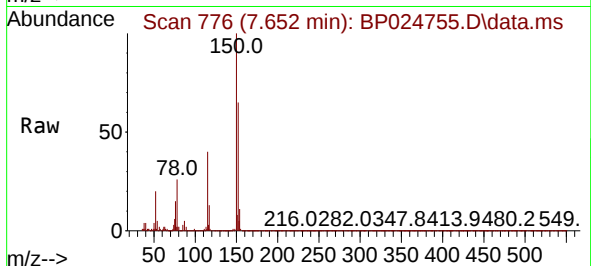




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024755.D
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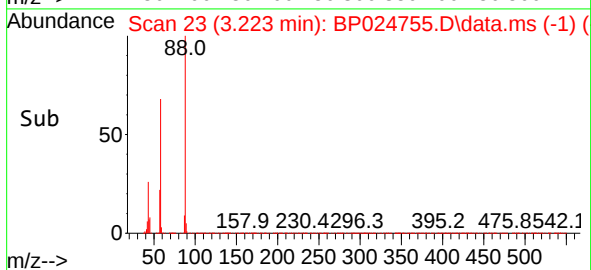
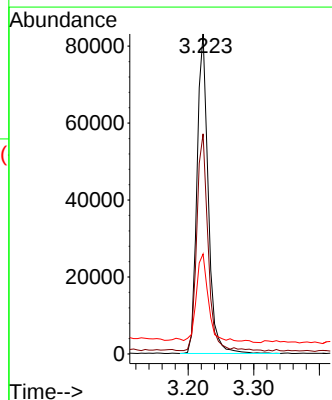
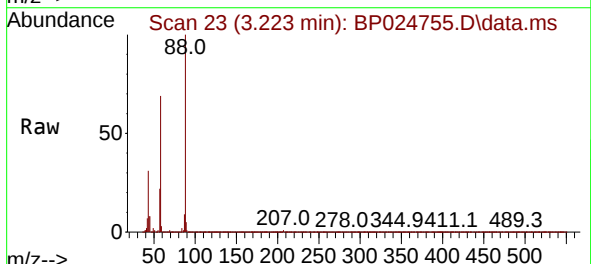
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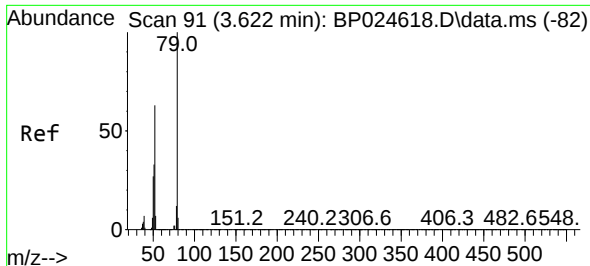
Tgt Ion:152 Resp: 114889
Ion Ratio Lower Upper
152 100
150 153.4 125.9 188.9
115 61.5 50.1 75.1



#2
1,4-Dioxane
Concen: 31.338 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 88 Resp: 98847
Ion Ratio Lower Upper
88 100
58 69.0 54.0 81.0
43 28.1 21.4 32.0

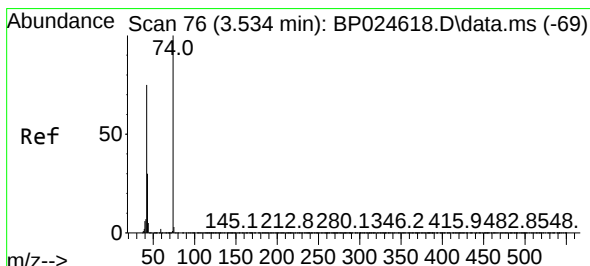
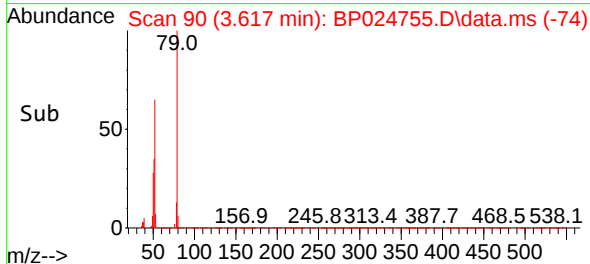
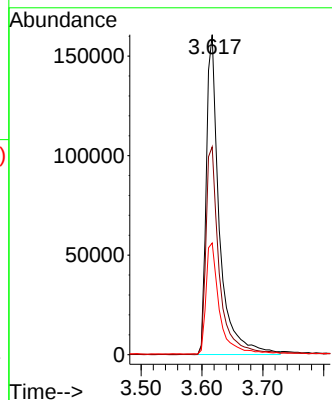
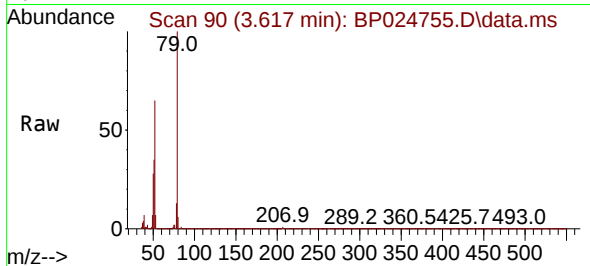




#3
 Pyridine
 Concen: 34.261 ng
 RT: 3.617 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BP024755.D
 Acq: 22 May 2025 12:18

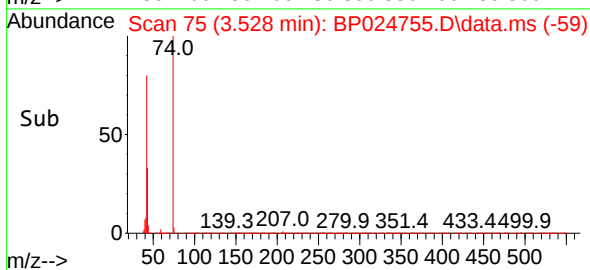
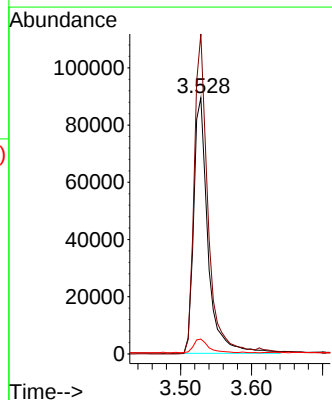
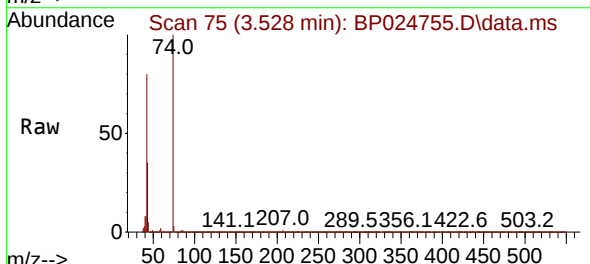
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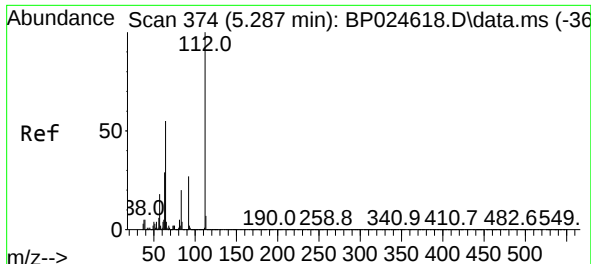
Tgt Ion: 79 Resp: 239621
 Ion Ratio Lower Upper
 79 100
 52 65.0 50.2 75.2
 51 34.9 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 40.460 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024755.D
 Acq: 22 May 2025 12:18

Tgt Ion: 42 Resp: 124929
 Ion Ratio Lower Upper
 42 100
 74 124.9 106.2 159.2
 44 5.8 5.4 8.2

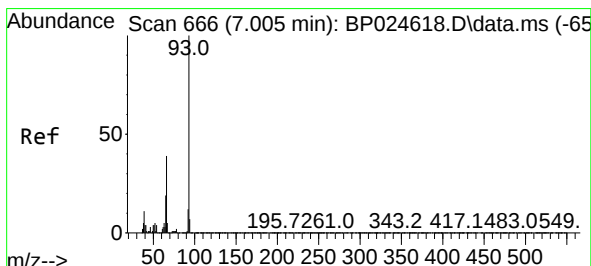
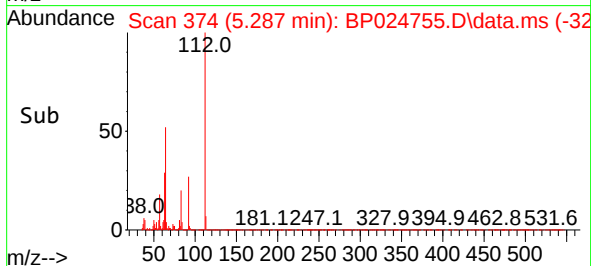
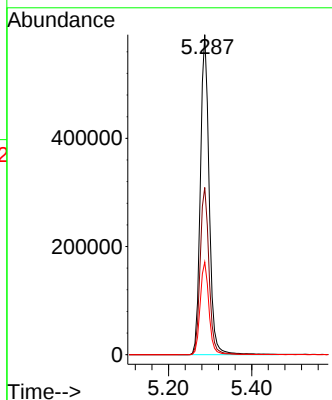
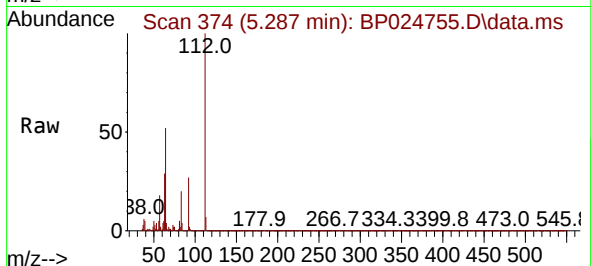




#5
2-Fluorophenol
Concen: 129.090 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

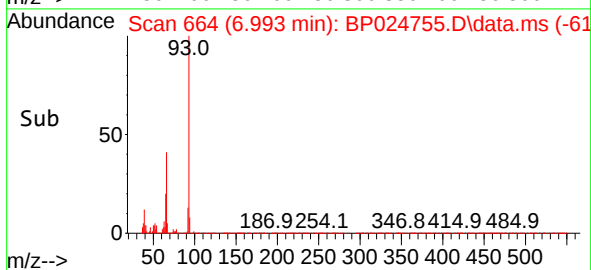
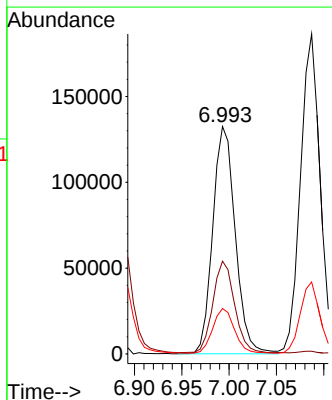
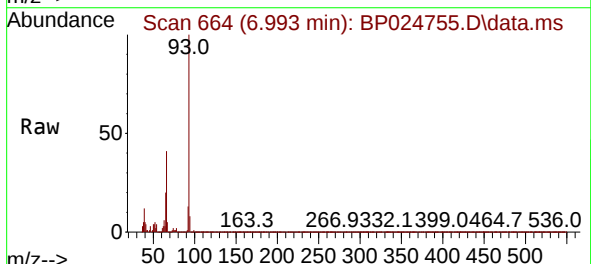
Instrument :
BNA_P
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PB168098BS

Tgt Ion:112 Resp: 867127
Ion Ratio Lower Upper
112 100
64 52.2 44.1 66.1
63 29.0 23.5 35.3



#6
Aniline
Concen: 19.775 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 93 Resp: 218881
Ion Ratio Lower Upper
93 100
66 40.8 31.0 46.6
65 20.0 15.5 23.3

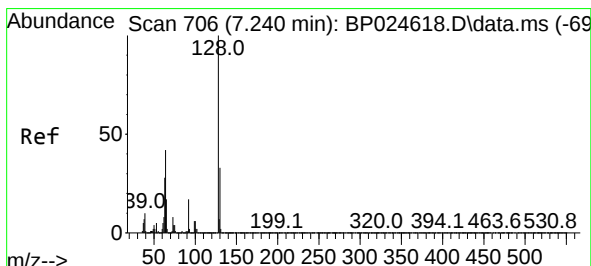
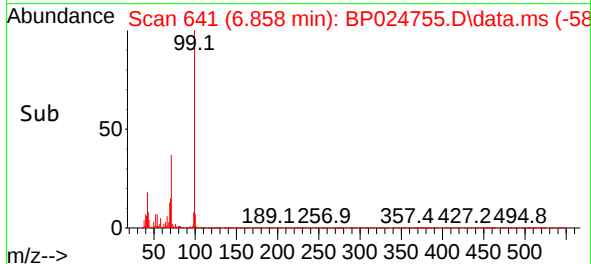
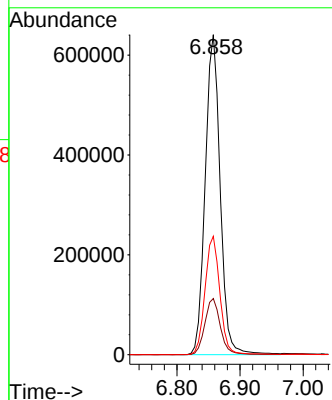
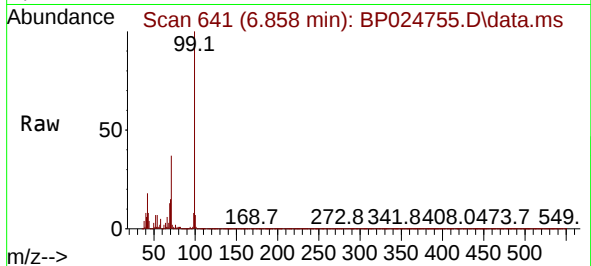




#7
Phenol-d6
Concen: 123.315 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

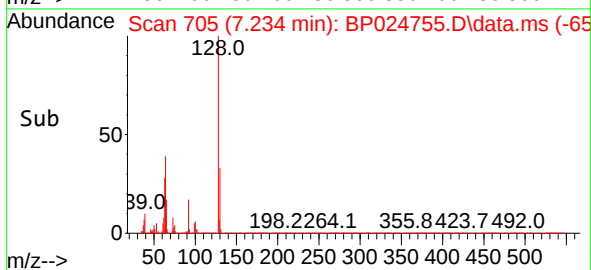
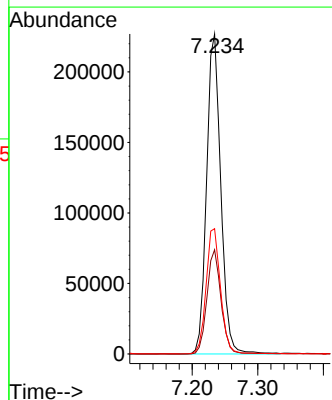
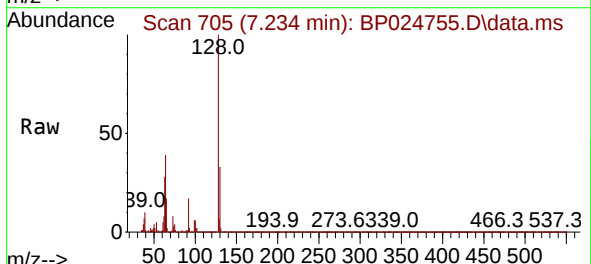
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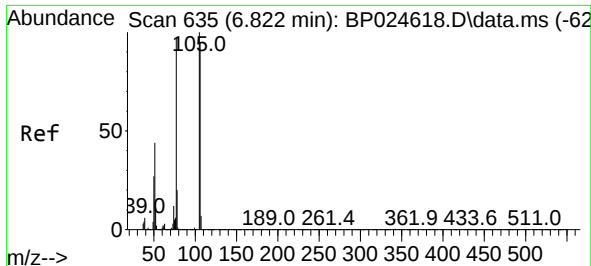
Tgt Ion: 99 Resp: 1057180
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 37.0 29.2 43.8



#8
2-Chlorophenol
Concen: 44.810 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:128 Resp: 341699
Ion Ratio Lower Upper
128 100
130 32.5 13.0 53.0
64 39.2 22.3 62.3

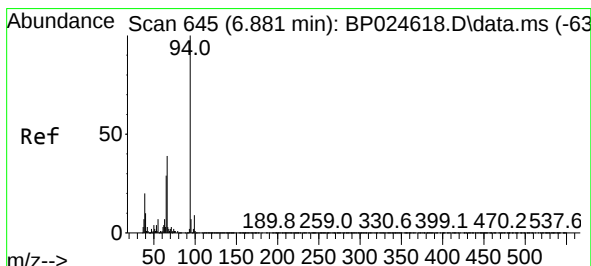
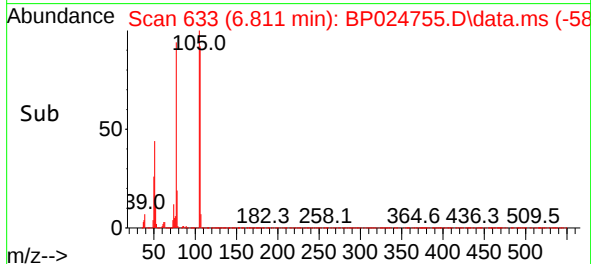
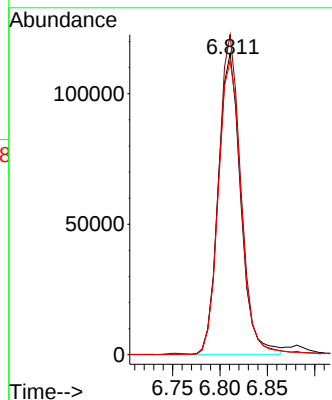
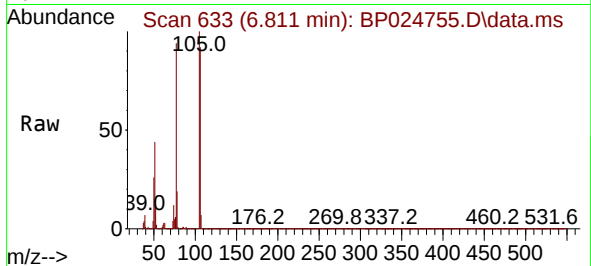




#9
Benzaldehyde
Concen: 34.298 ng
RT: 6.811 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

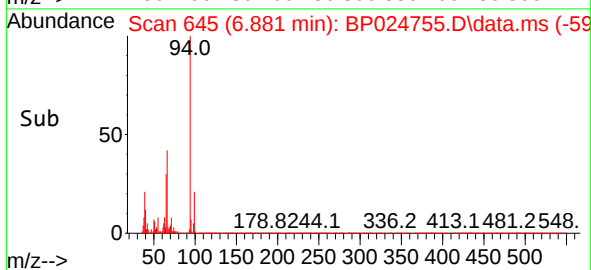
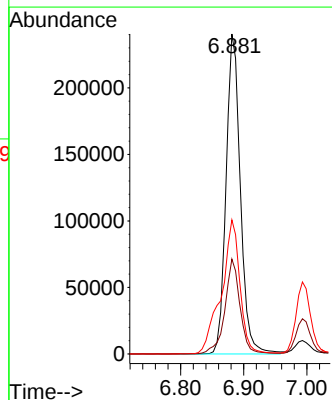
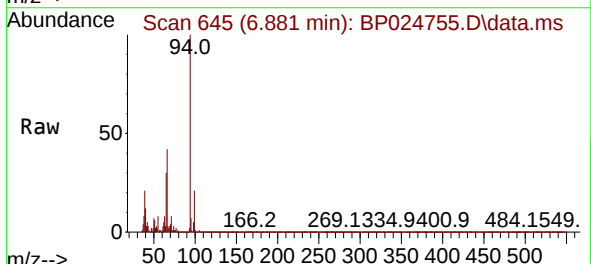
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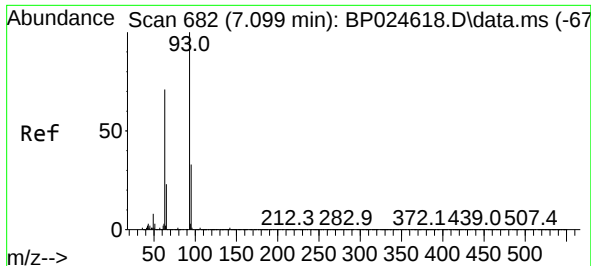
Tgt Ion: 77 Resp: 190341
Ion Ratio Lower Upper
77 100
105 106.3 83.3 123.3
106 97.5 78.0 118.0



#10
Phenol
Concen: 42.699 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024755.D
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Tgt Ion: 94 Resp: 377815
Ion Ratio Lower Upper
94 100
65 29.7 8.7 48.7
66 41.9 19.4 59.4

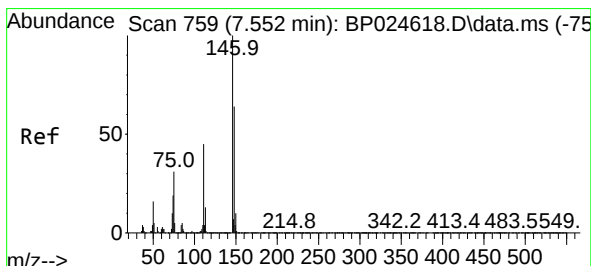
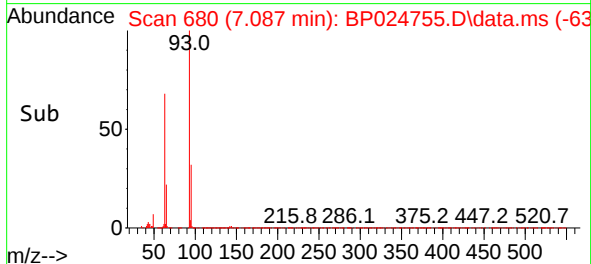
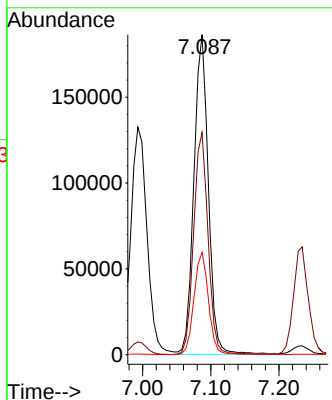
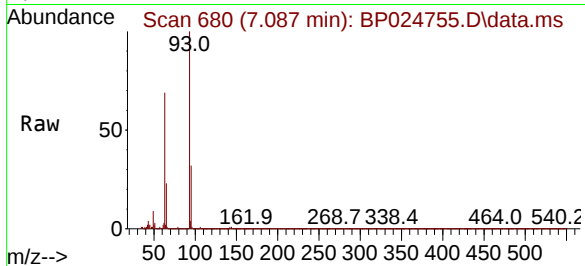




#11
bis(2-Chloroethyl)ether
Concen: 37.447 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

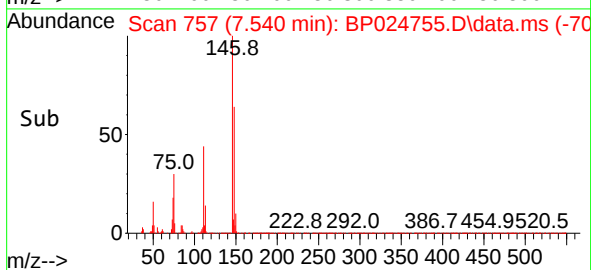
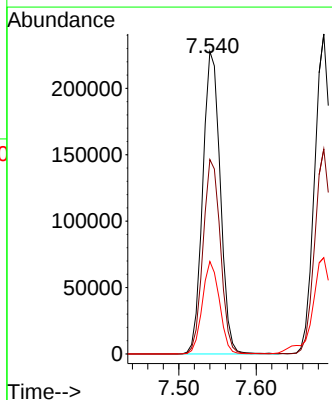
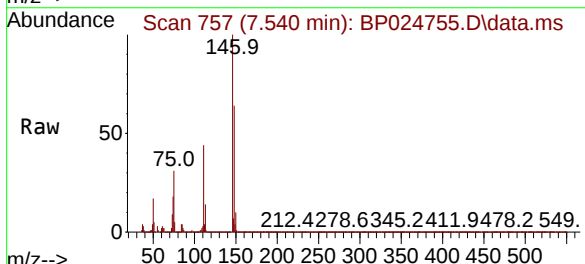
Instrument :
BNA_P
ClientSampleId :
PB168098BS

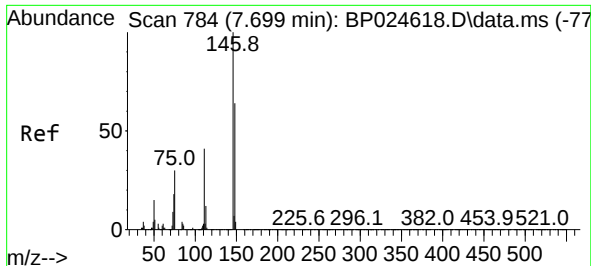
Tgt Ion: 93 Resp: 272267
Ion Ratio Lower Upper
93 100
63 69.5 50.6 90.6
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.785 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:146 Resp: 357815
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 30.6 25.2 37.8

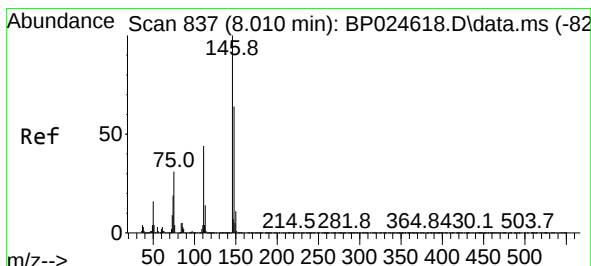
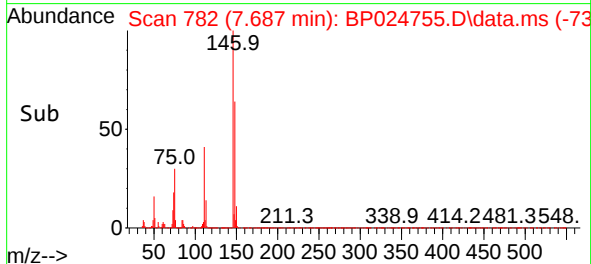
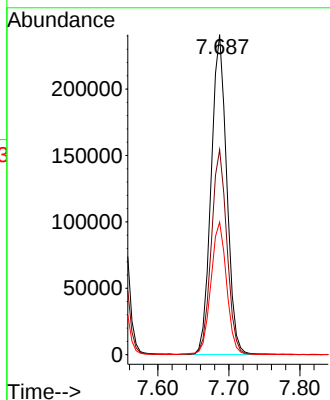
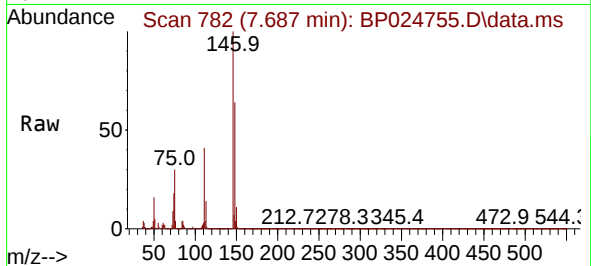




#13
1,4-Dichlorobenzene
Concen: 41.544 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

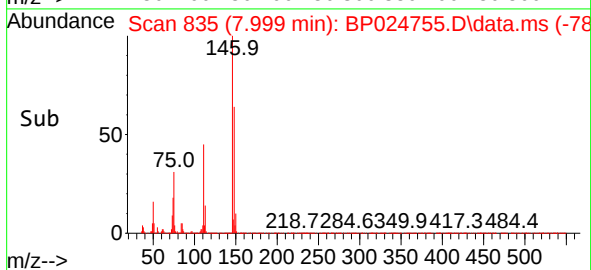
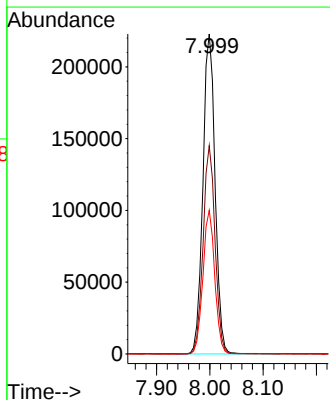
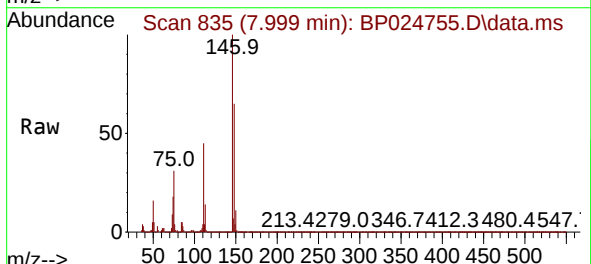
Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:146 Resp: 366569
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 41.4 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 41.098 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:146 Resp: 353360
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
111 44.9 35.2 52.8

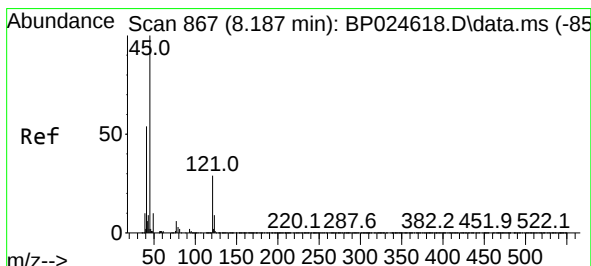
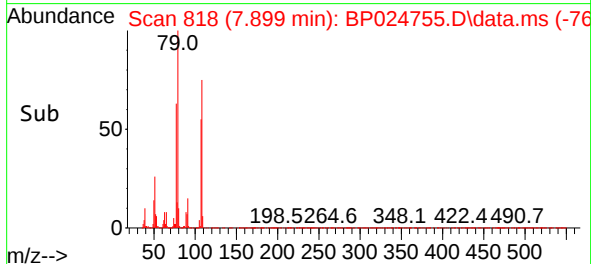
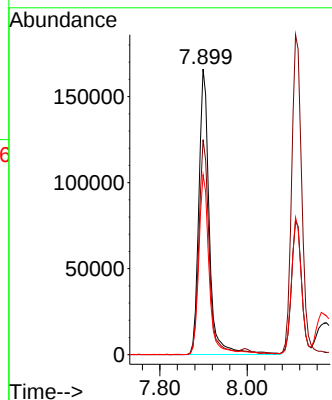
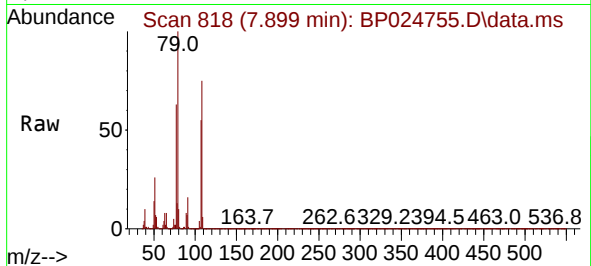




#15
Benzyl Alcohol
Concen: 42.443 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

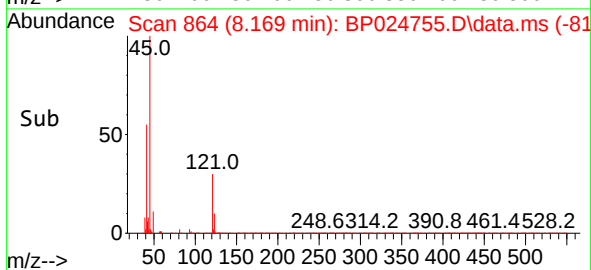
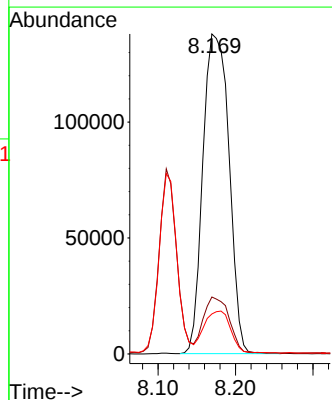
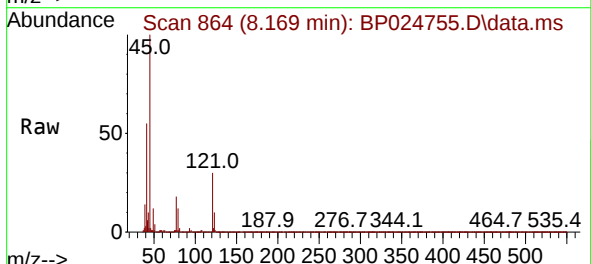
Instrument :
BNA_P
ClientSampleId :
PB168098BS

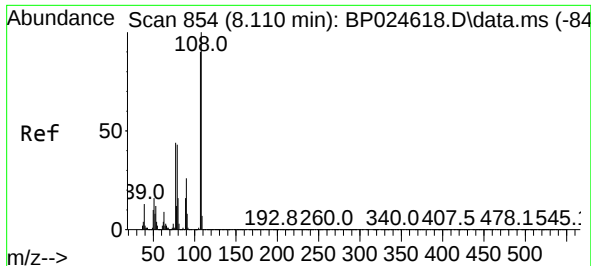
Tgt Ion: 79 Resp: 276507
Ion Ratio Lower Upper
79 100
108 75.3 60.8 91.2
77 63.0 51.9 77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.056 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 45 Resp: 322660
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 12.5 0.0 34.0

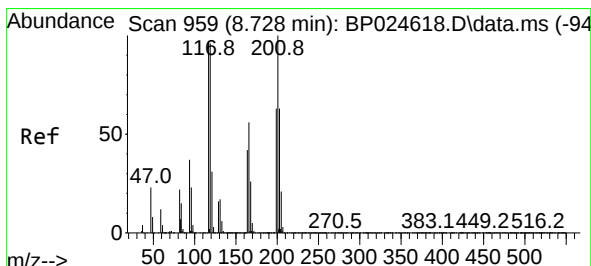
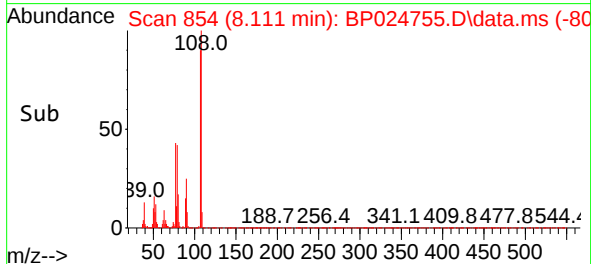
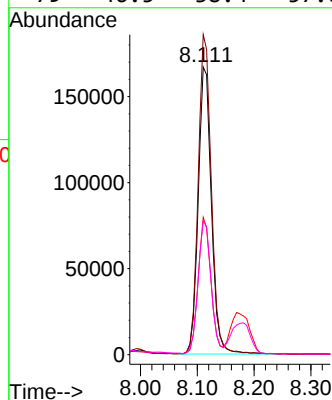
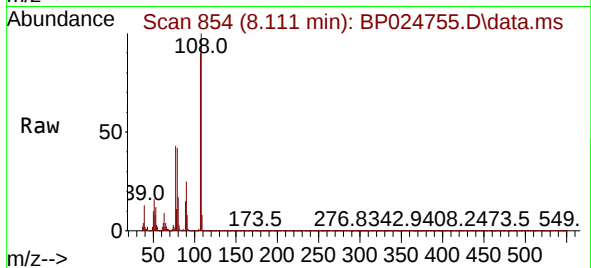




#17
2-Methylphenol
Concen: 42.405 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

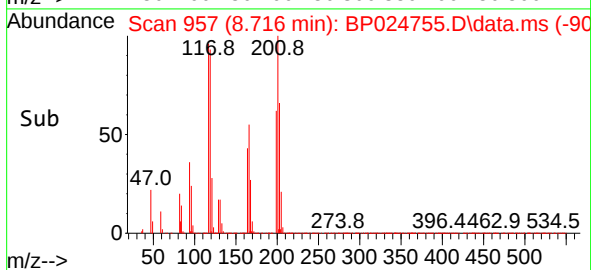
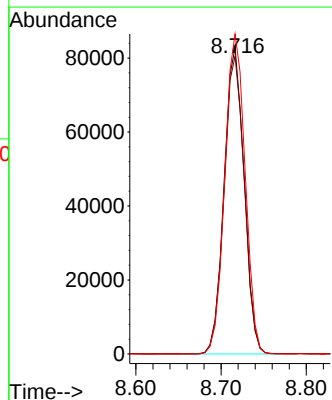
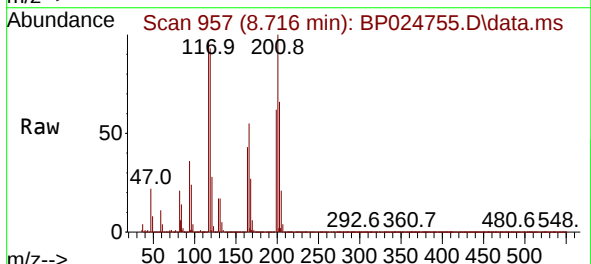
Instrument :
BNA_P
ClientSampleId :
PB168098BS

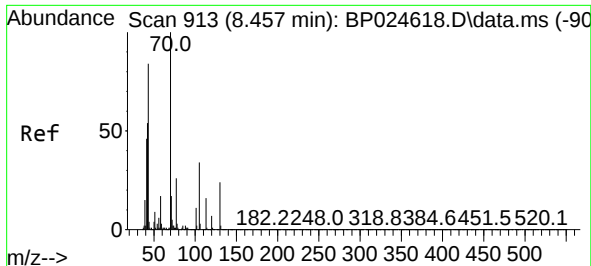
Tgt Ion:	107	Resp:	269118
Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.9	133.3
77	47.7	39.0	58.6
79	46.5	38.4	57.6



#18
Hexachloroethane
Concen: 40.002 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:	117	Resp:	135259
Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.4	119.0
201	104.4	82.7	124.1

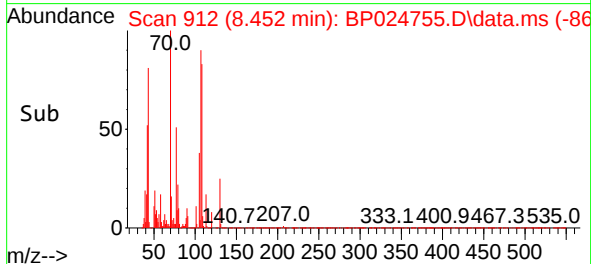
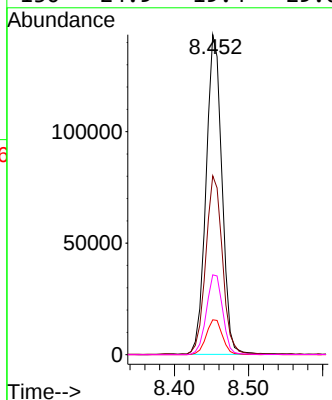
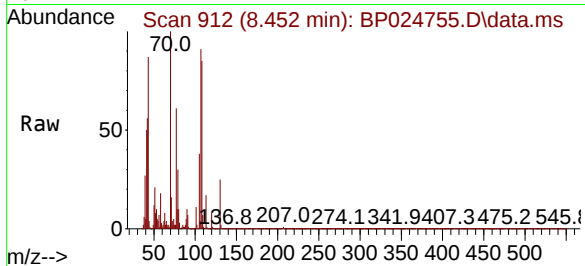




#19
n-Nitroso-di-n-propylamine
Concen: 36.029 ng
RT: 8.452 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

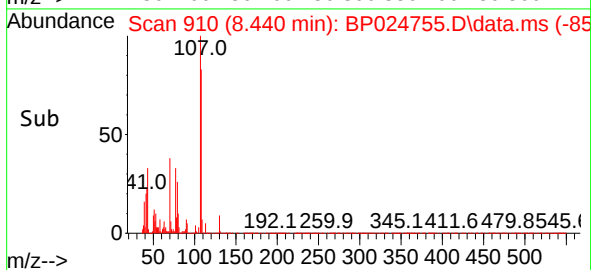
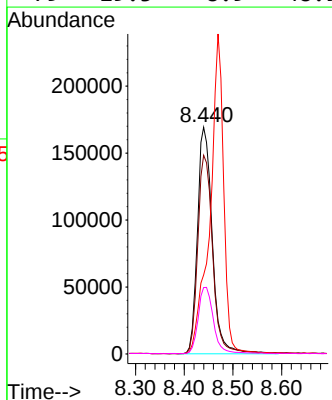
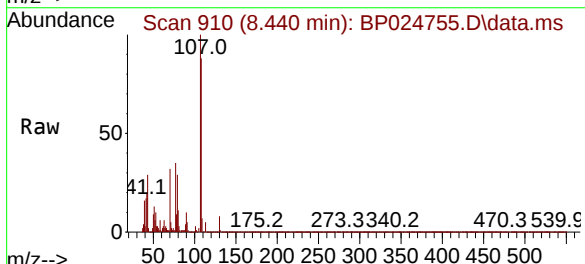
Instrument :
BNA_P
ClientSampleId :
PB168098BS

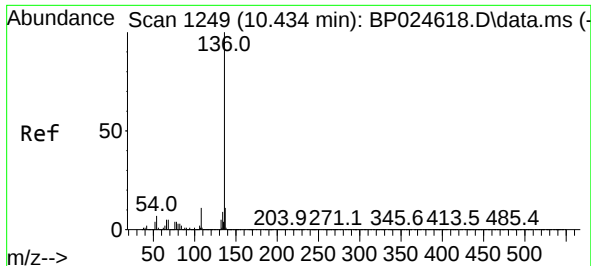
Tgt Ion: 70 Resp: 213658
Ion Ratio Lower Upper
70 100
42 55.9 43.0 64.6
101 10.9 8.7 13.1
130 24.9 19.4 29.0



#20
3+4-Methylphenols
Concen: 41.529 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 107 Resp: 358510
Ion Ratio Lower Upper
107 100
108 87.6 66.7 106.7
77 34.9 13.1 53.1
79 29.3 8.9 48.9

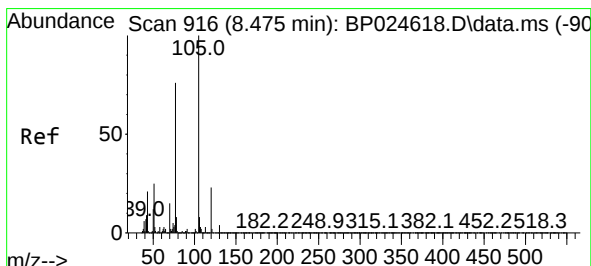
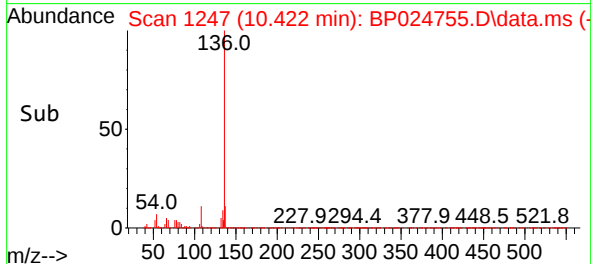
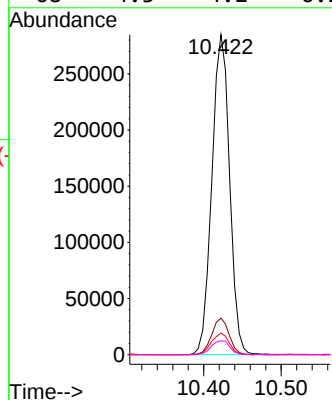
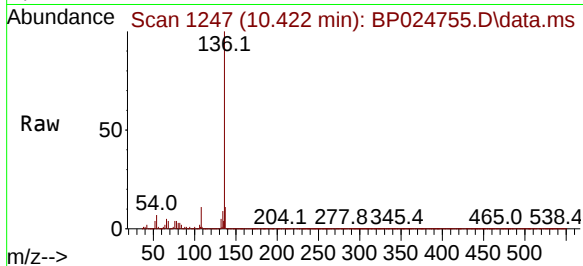




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

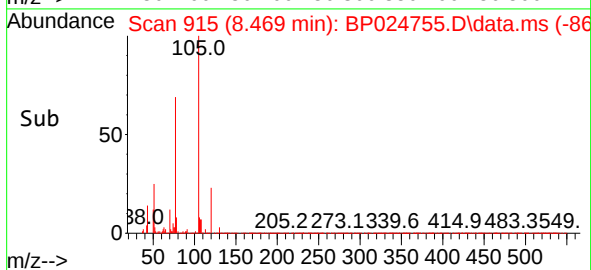
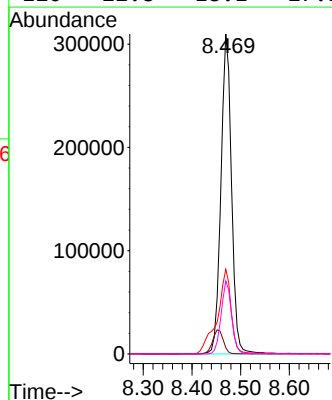
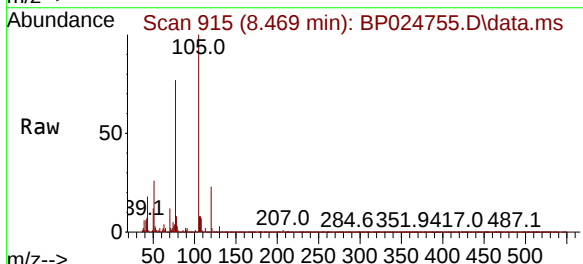
Instrument :
BNA_P
ClientSampleId :
PB168098BS

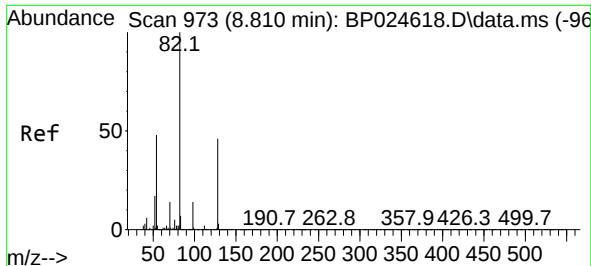
Tgt Ion:	136	Resp:	451979
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.7	5.5	8.3
68	4.3	4.2	6.2



#22
Acetophenone
Concen: 41.622 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:	105	Resp:	469924
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.0	3.0
51	26.4	20.4	30.6
120	22.8	18.1	27.1

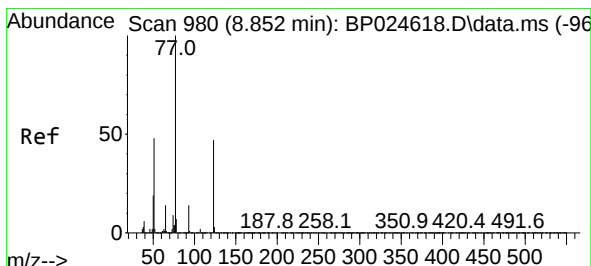
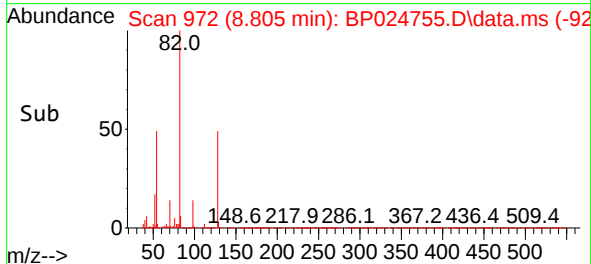
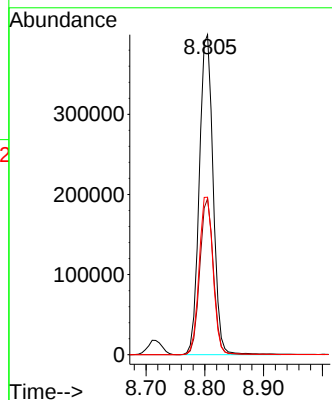
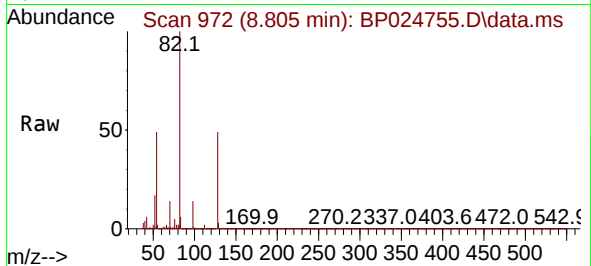




#23
Nitrobenzene-d5
Concen: 72.789 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

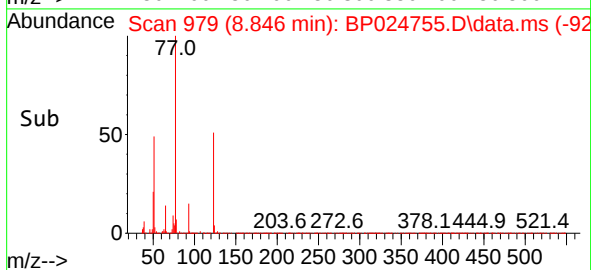
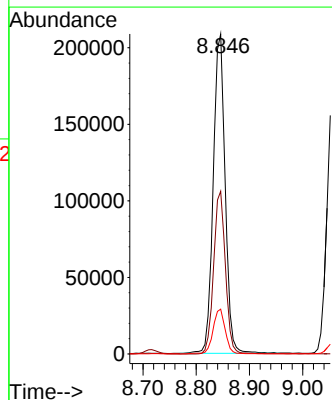
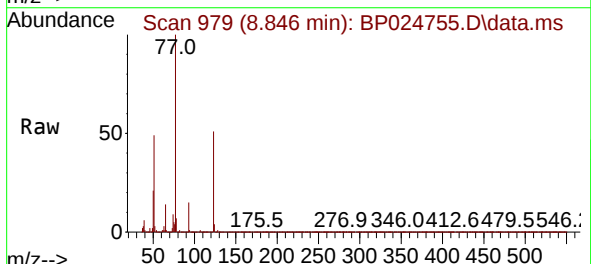
Instrument :
BNA_P
ClientSampleId :
PB168098BS

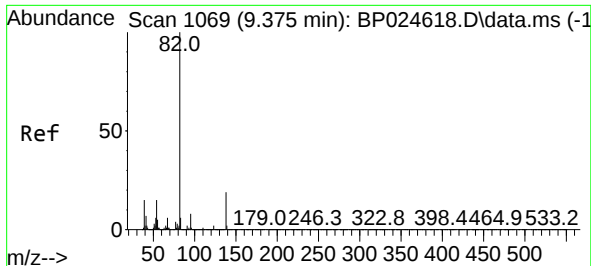
Tgt Ion: 82 Resp: 651125
Ion Ratio Lower Upper
82 100
128 48.8 37.0 55.4
54 49.2 38.7 58.1



#24
Nitrobenzene
Concen: 41.292 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 77 Resp: 325051
Ion Ratio Lower Upper
77 100
123 50.9 37.4 56.0
65 14.0 11.3 16.9

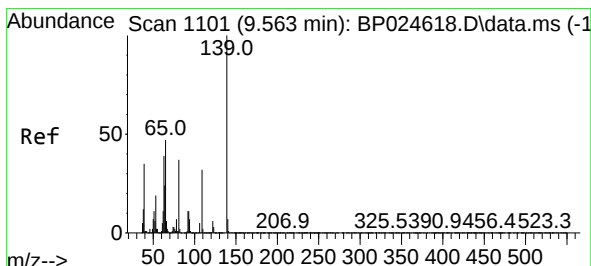
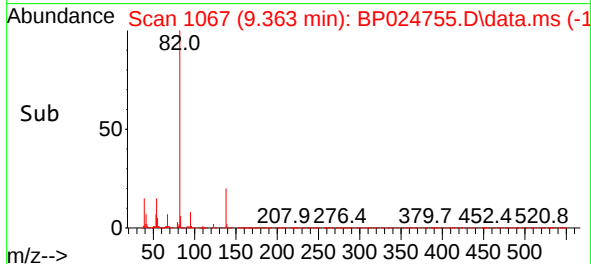
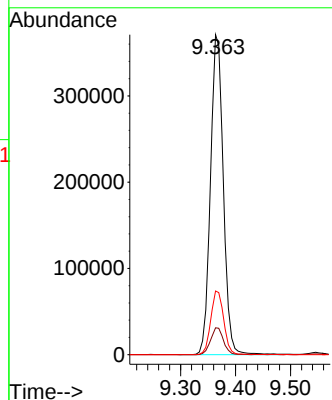
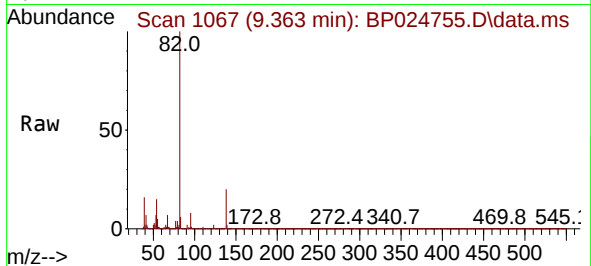




#25
Isophorone
Concen: 38.772 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

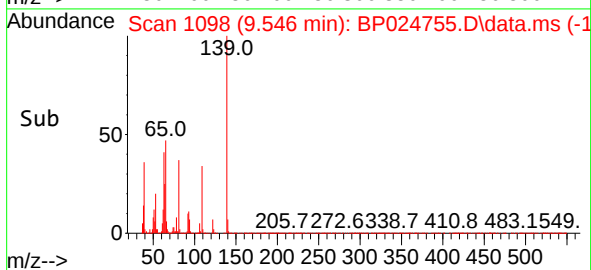
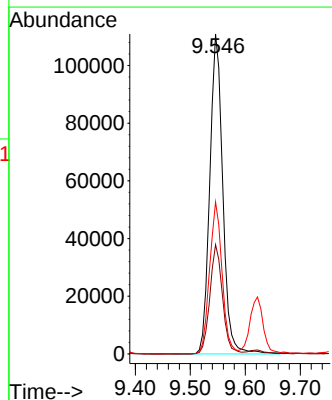
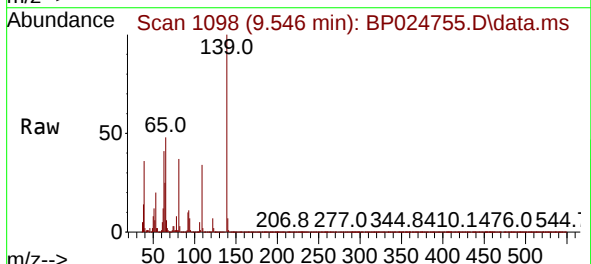
Instrument :
BNA_P
ClientSampleId :
PB168098BS

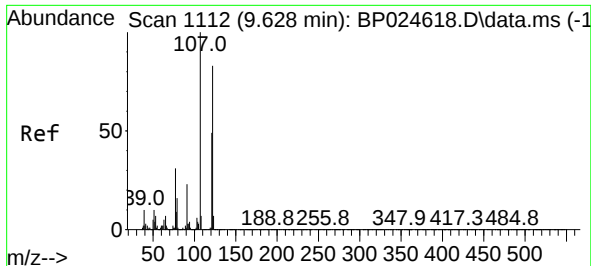
Tgt Ion: 82 Resp: 601615
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 19.9 15.3 22.9



#26
2-Nitrophenol
Concen: 47.215 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 139 Resp: 182128
Ion Ratio Lower Upper
139 100
109 34.1 25.9 38.9
65 47.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.217 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

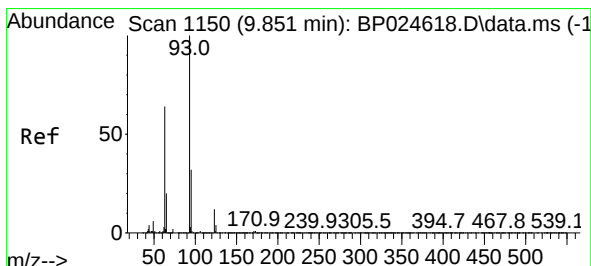
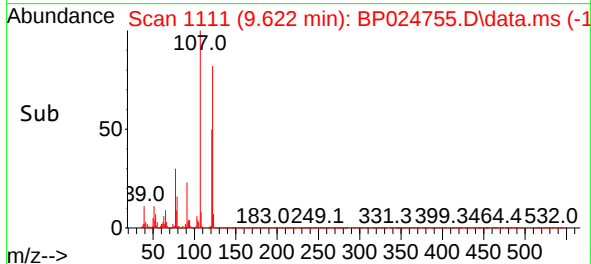
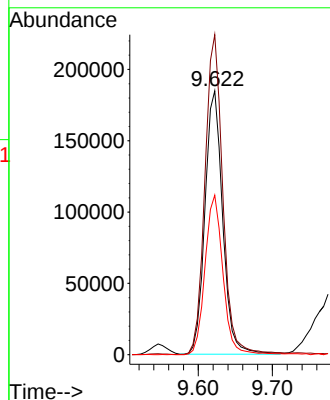
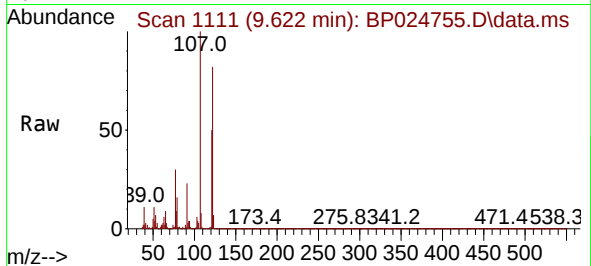
Tgt Ion:122 Resp: 307524

Ion Ratio Lower Upper

122 100

107 121.3 96.2 144.2

121 60.5 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.501 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

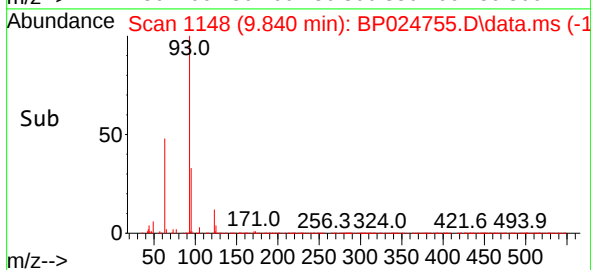
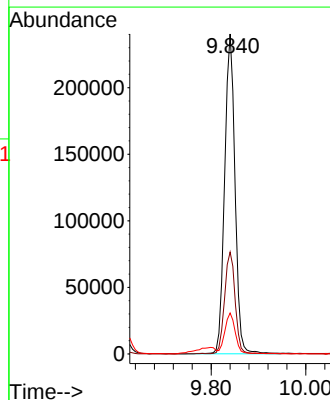
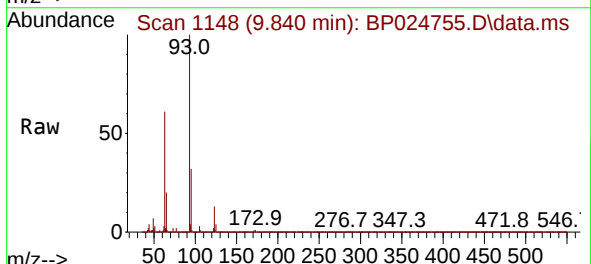
Tgt Ion: 93 Resp: 366188

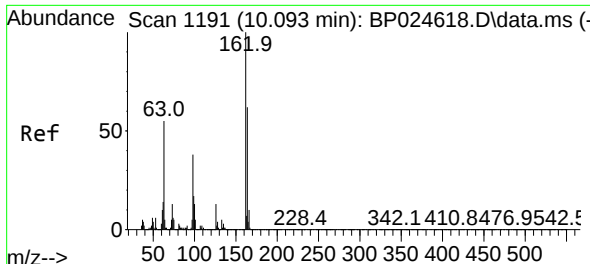
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 12.8 9.7 14.5

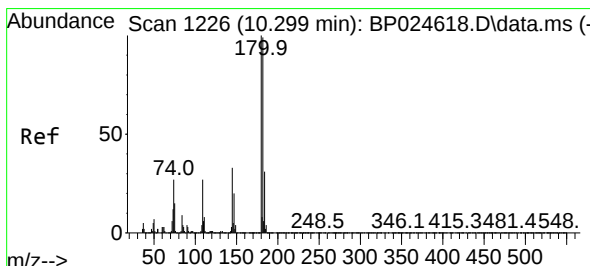
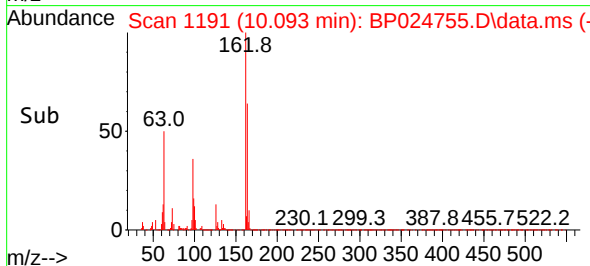
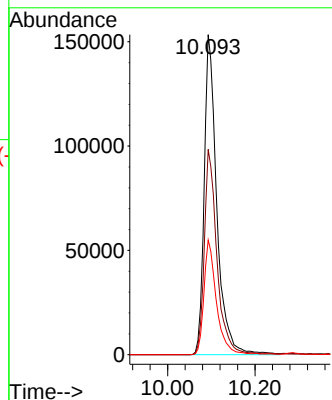
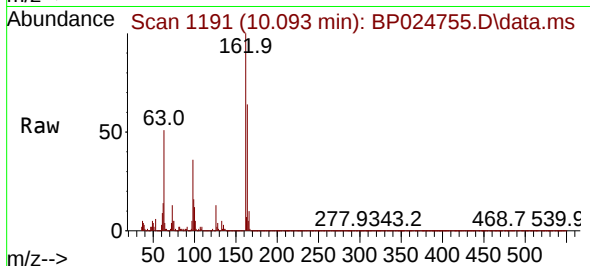




#29
2,4-Dichlorophenol
Concen: 46.784 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

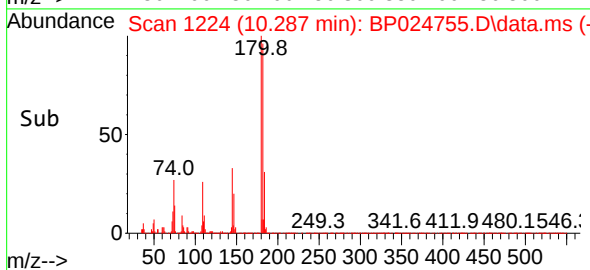
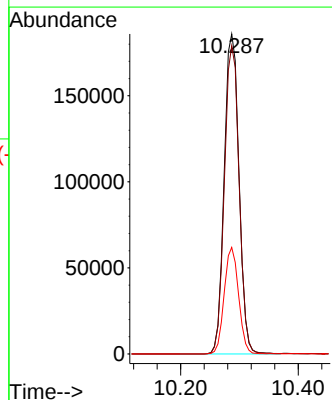
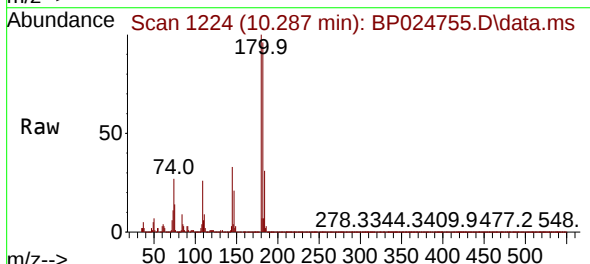
Instrument :
BNA_P
ClientSampleId :
PB168098BS

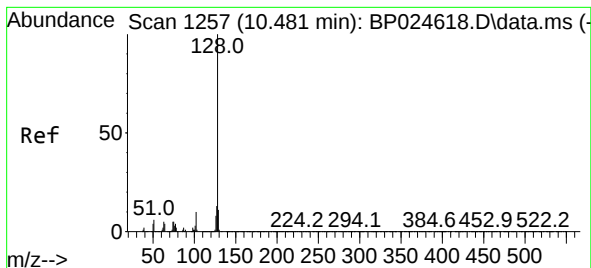
Tgt Ion:162 Resp: 308337
Ion Ratio Lower Upper
162 100
164 64.1 42.3 82.3
98 35.9 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 43.639 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:180 Resp: 324103
Ion Ratio Lower Upper
180 100
182 96.3 79.0 118.4
145 33.3 26.6 39.8

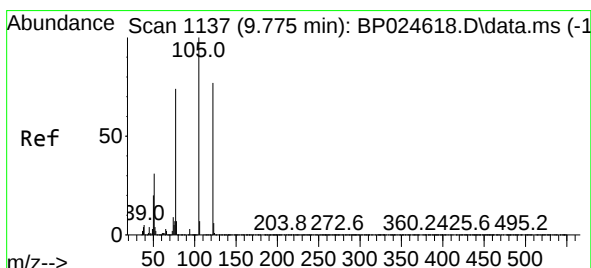
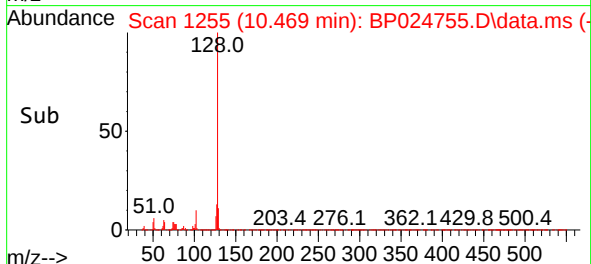
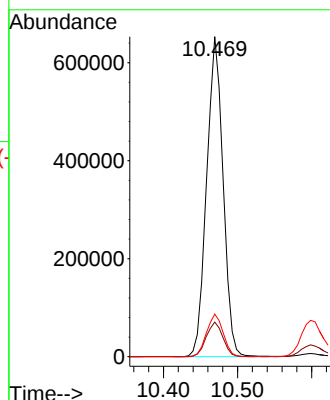
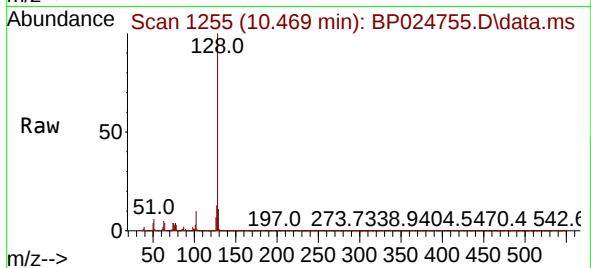




#31
Naphthalene
Concen: 42.972 ng
RT: 10.469 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

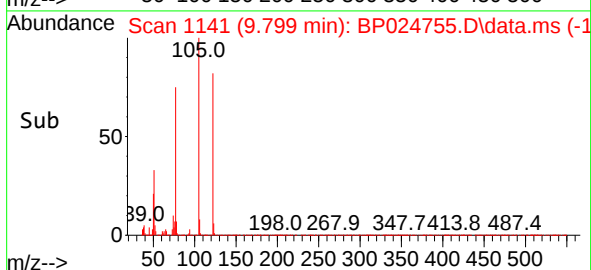
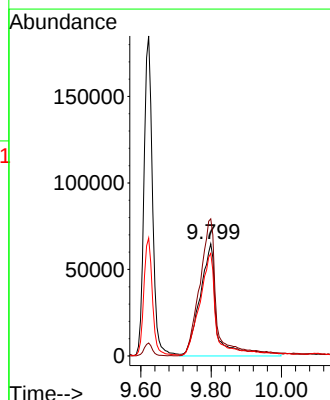
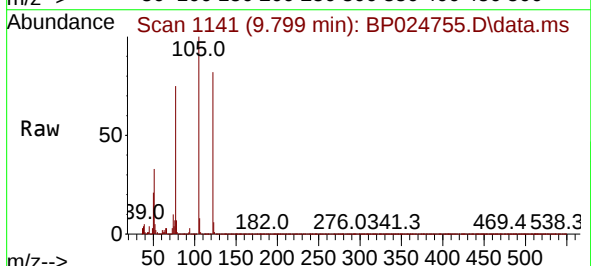
Instrument :
BNA_P
ClientSampleId :
PB168098BS

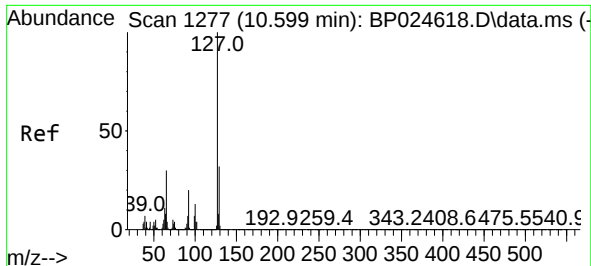
Tgt Ion:128 Resp: 1006478
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 46.123 ng m
RT: 9.799 min Scan# 1141
Delta R.T. 0.024 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:122 Resp: 216738
Ion Ratio Lower Upper
122 100
105 122.2 106.9 146.9
77 91.5 75.1 115.1

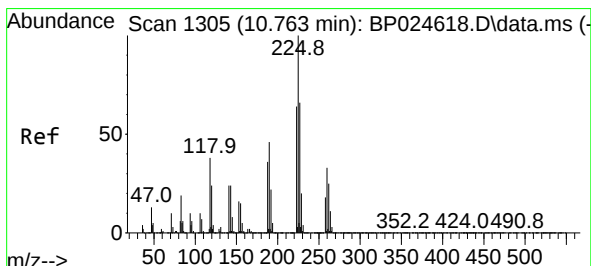
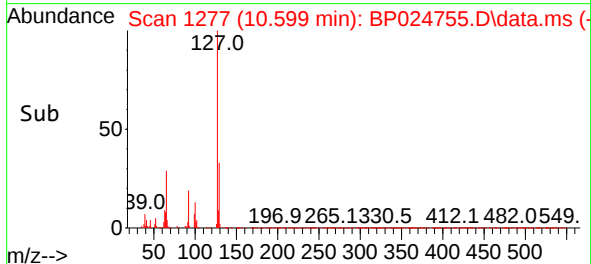
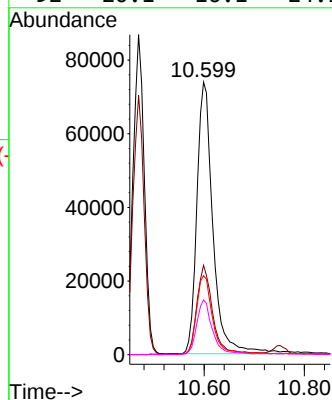
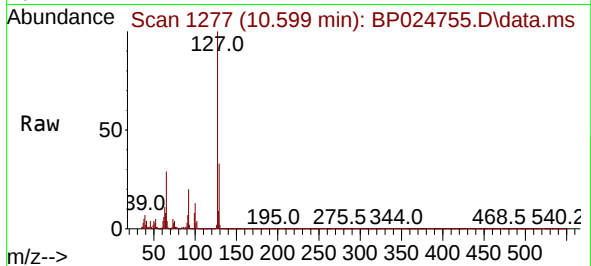




#33
4-Chloroaniline
Concen: 17.339 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

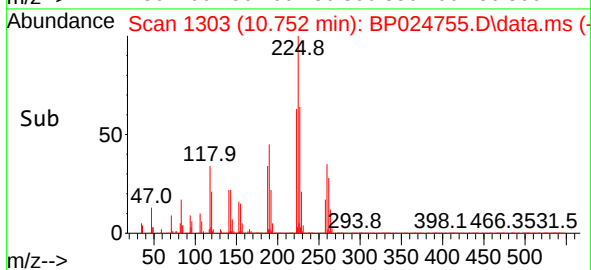
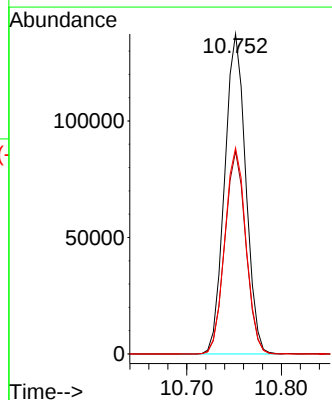
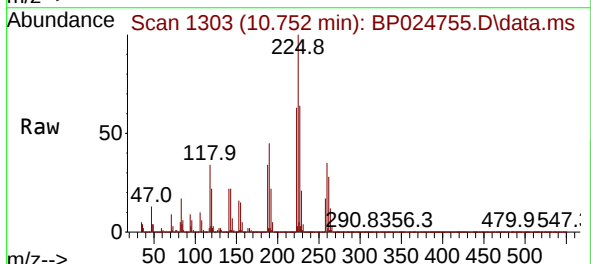
Instrument :
BNA_P
ClientSampleId :
PB168098BS

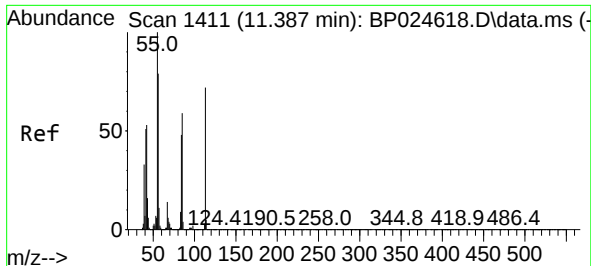
Tgt Ion:	127	Resp:	163881
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	29.0	23.9	35.9
92	20.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.118 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:	225	Resp:	212260
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	64.4	53.1	79.7

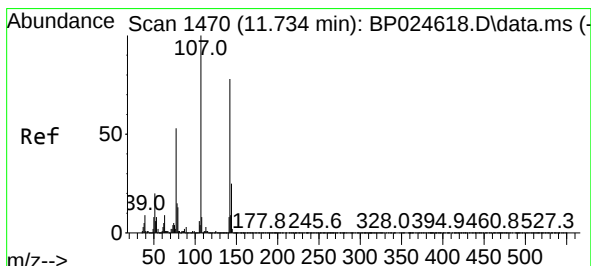
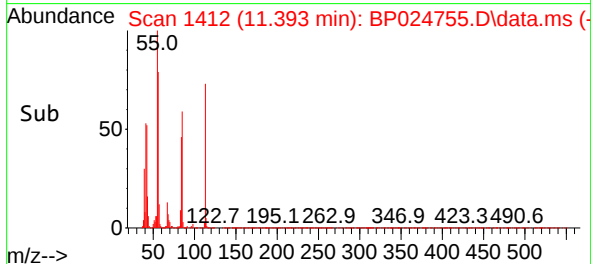
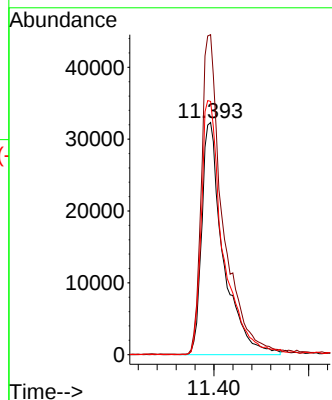
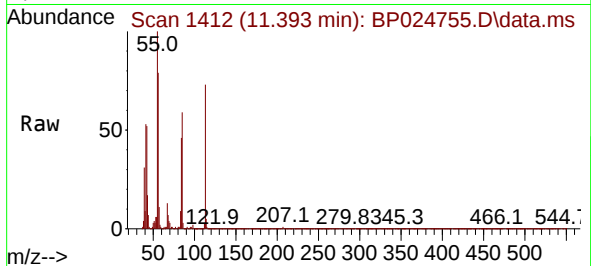




#35
Caprolactam
Concen: 42.629 ng
RT: 11.393 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

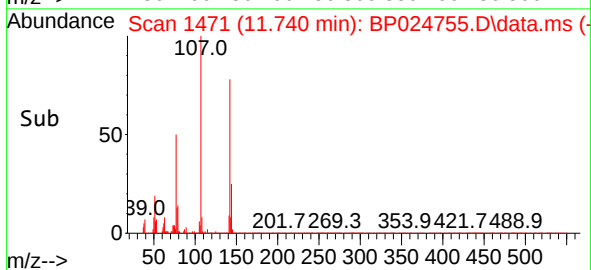
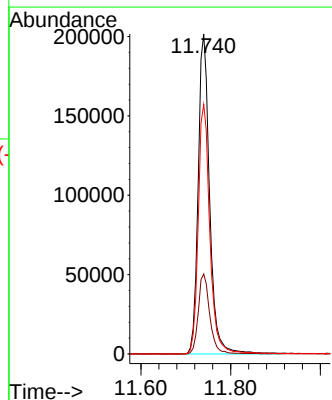
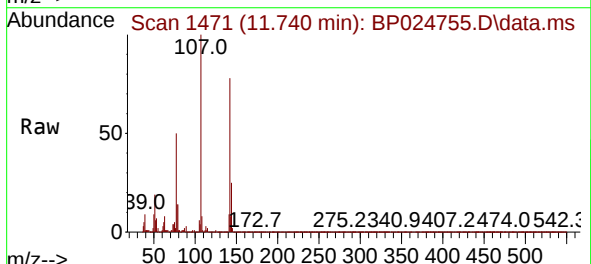
Instrument :
BNA_P
ClientSampleId :
PB168098BS

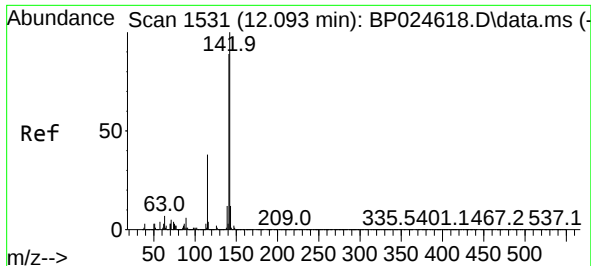
Tgt Ion:113 Resp: 101647
Ion Ratio Lower Upper
113 100
55 137.8 119.0 159.0
56 109.1 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 44.385 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:107 Resp: 356727
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 77.9 62.1 93.1

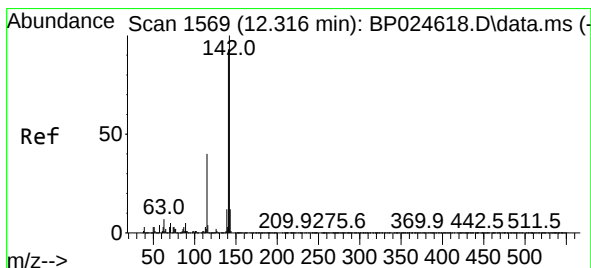
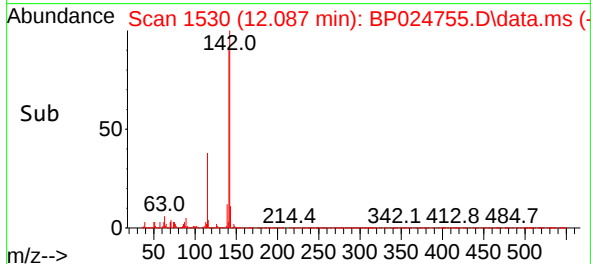
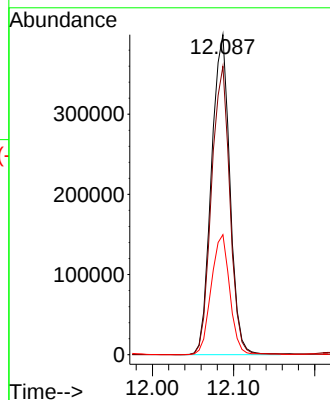
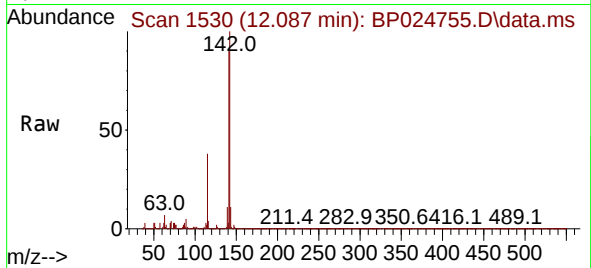




#37
2-Methylnaphthalene
Concen: 41.565 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

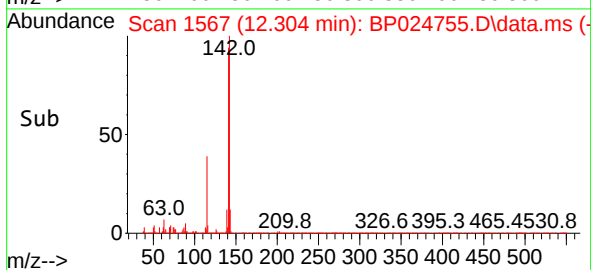
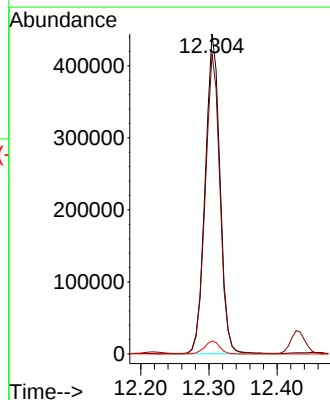
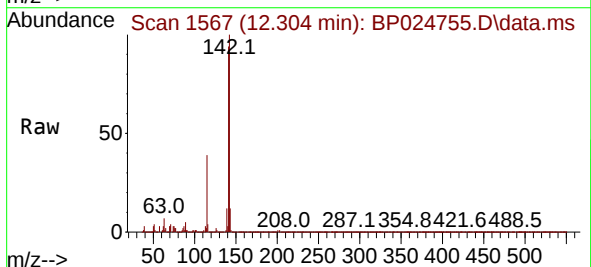
Instrument :
BNA_P
ClientSampleId :
PB168098BS

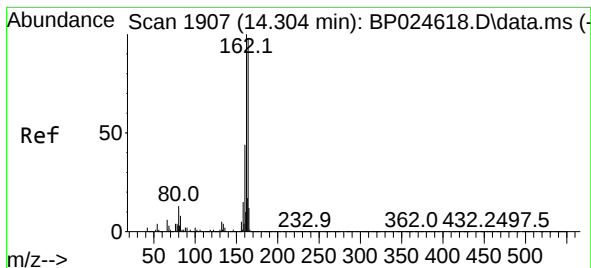
Tgt Ion:142 Resp: 630369
Ion Ratio Lower Upper
142 100
141 90.1 71.2 106.8
115 37.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.145 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:142 Resp: 667666
Ion Ratio Lower Upper
142 100
141 93.8 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. -0.018 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

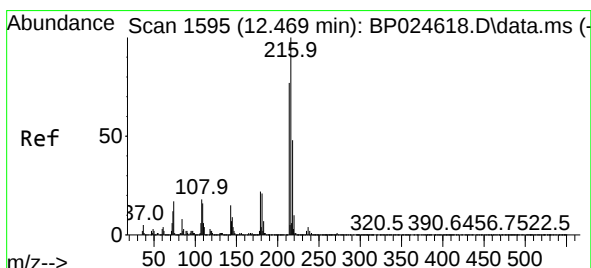
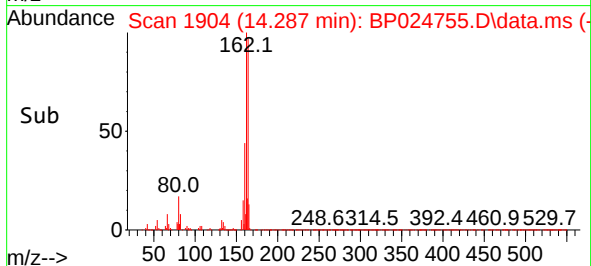
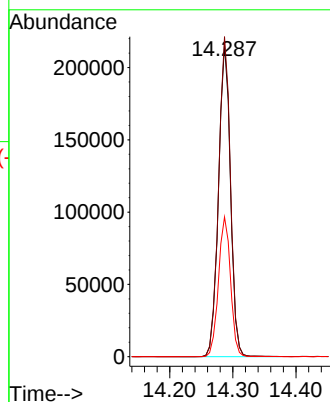
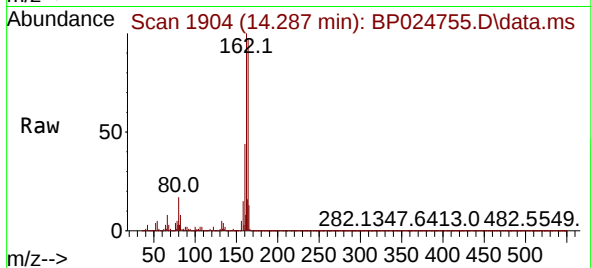
Tgt Ion:164 Resp: 283120

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 44.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.885 ng

RT: 12.457 min Scan# 1593

Delta R.T. -0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Tgt Ion:216 Resp: 369018

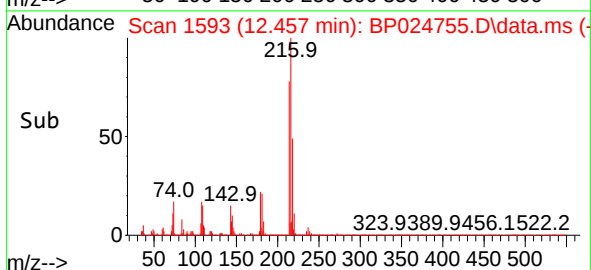
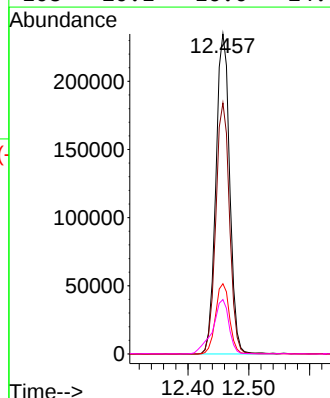
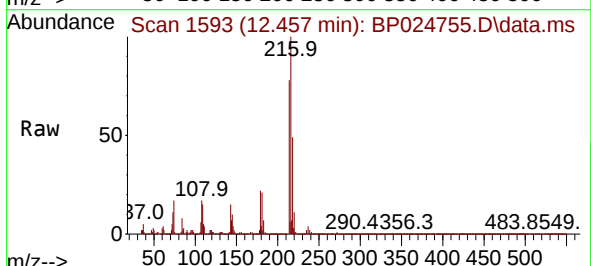
Ion Ratio Lower Upper

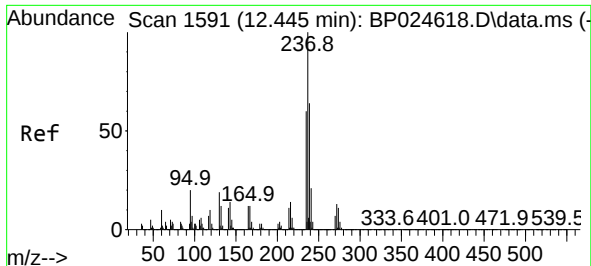
216 100

214 78.0 62.3 93.5

179 22.2 17.7 26.5

108 20.1 16.0 24.0

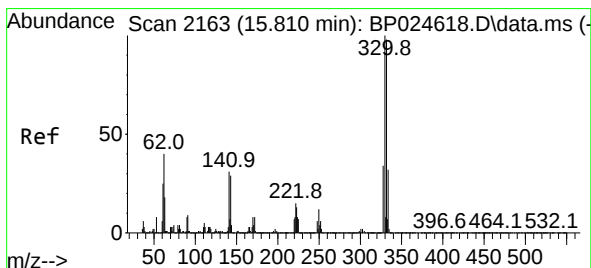
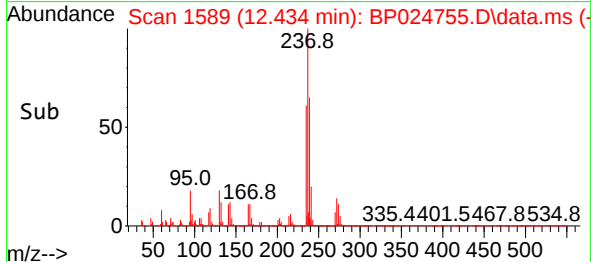
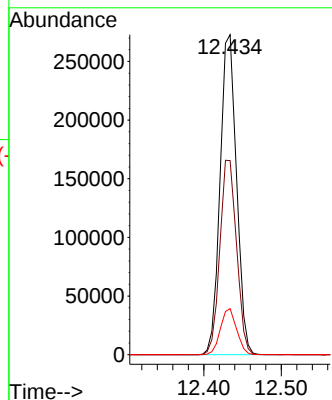
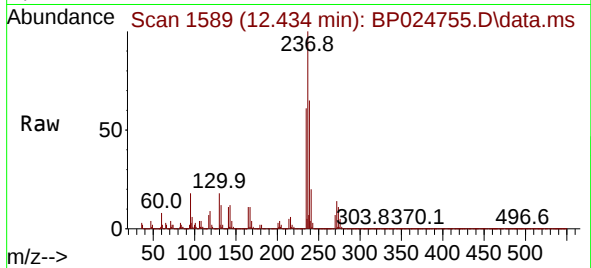




#41
Hexachlorocyclopentadiene
Concen: 80.579 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

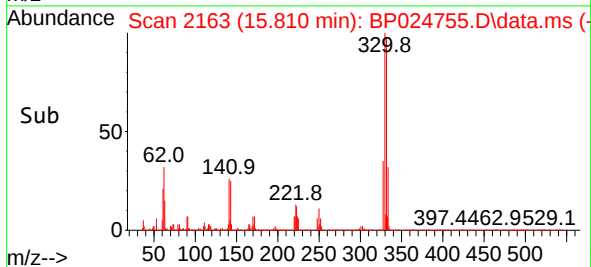
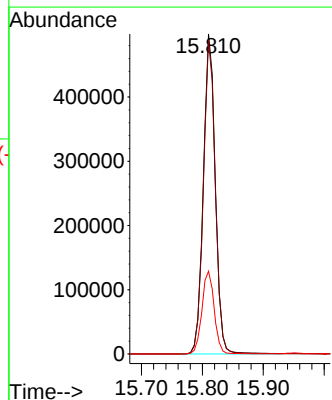
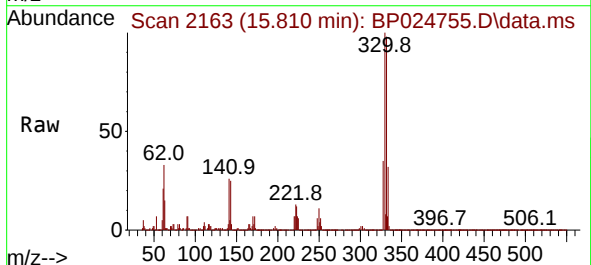
Instrument :
BNA_P
ClientSampleId :
PB168098BS

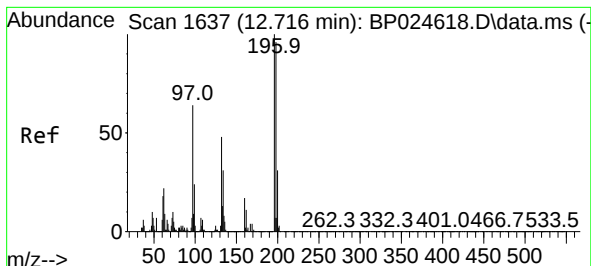
Tgt Ion:237 Resp: 401704
Ion Ratio Lower Upper
237 100
235 60.7 39.9 79.9
272 14.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 141.810 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:330 Resp: 680647
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.4
141 26.6 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 47.834 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

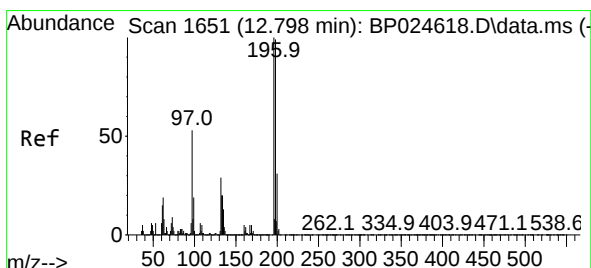
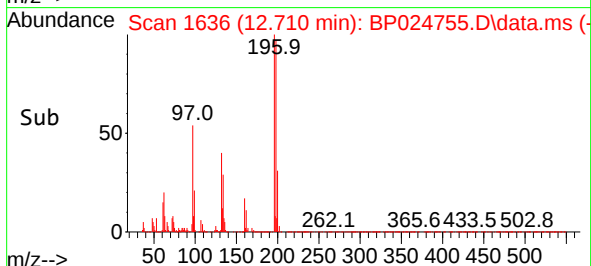
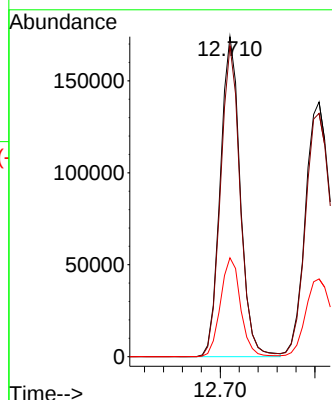
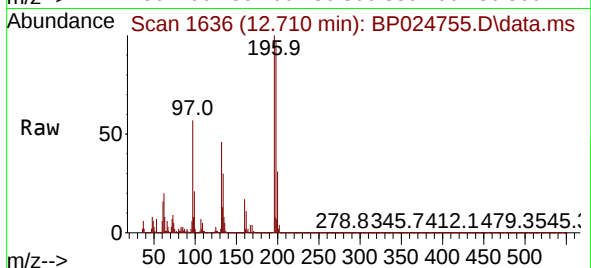
Tgt Ion:196 Resp: 254724

Ion Ratio Lower Upper

196 100

198 97.2 76.9 115.3

200 30.9 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 46.476 ng

RT: 12.804 min Scan# 1652

Delta R.T. 0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Tgt Ion:196 Resp: 275492

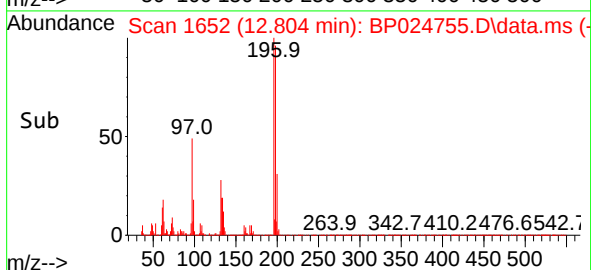
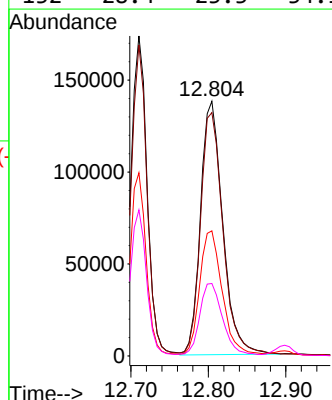
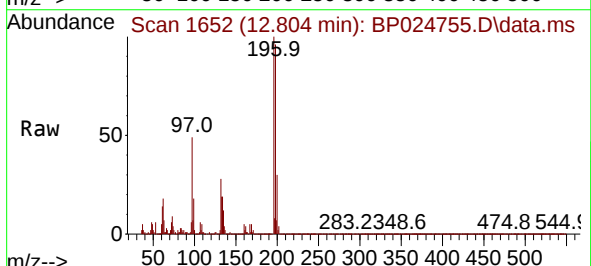
Ion Ratio Lower Upper

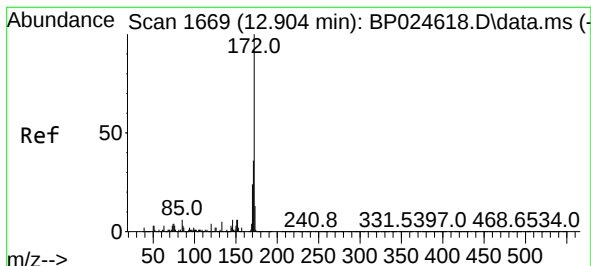
196 100

198 95.5 79.2 118.8

97 49.1 42.3 63.5

132 28.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.344 ng

RT: 12.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

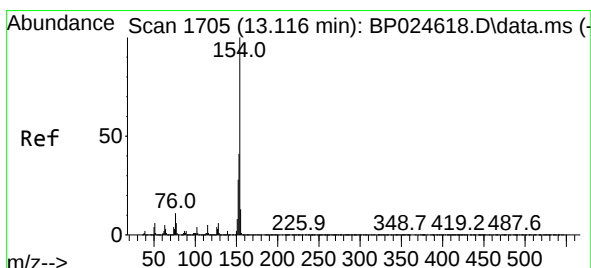
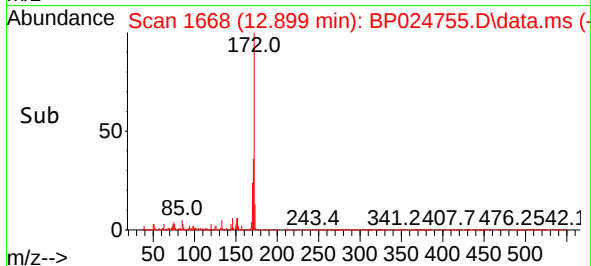
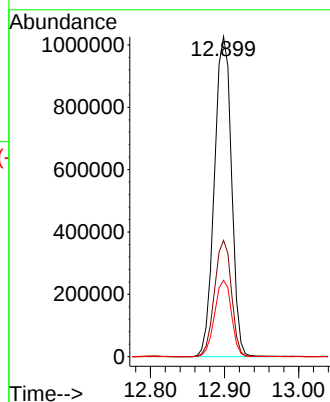
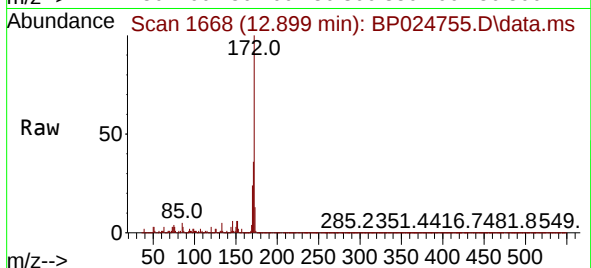
Tgt Ion:172 Resp: 1649799

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.938 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

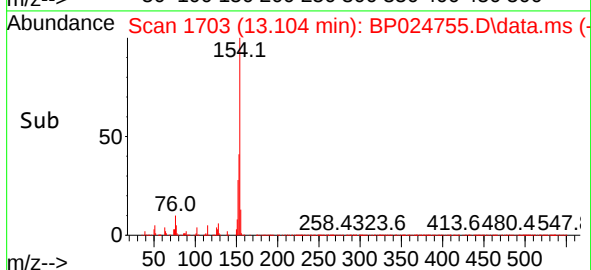
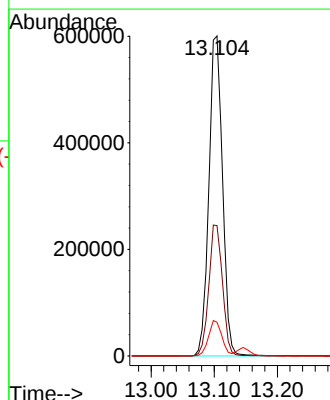
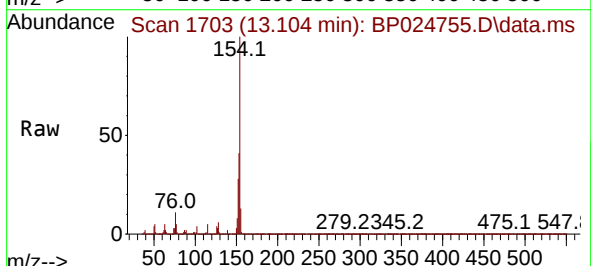
Tgt Ion:154 Resp: 898517

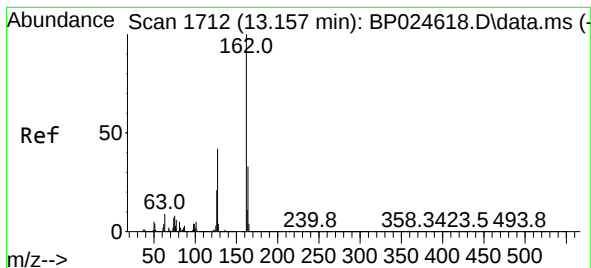
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 10.6 0.0 31.5





#47

2-Chloronaphthalene

Concen: 43.365 ng

RT: 13.146 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

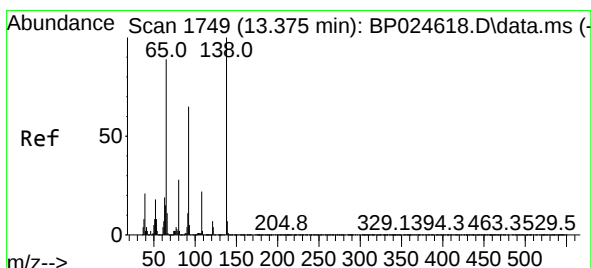
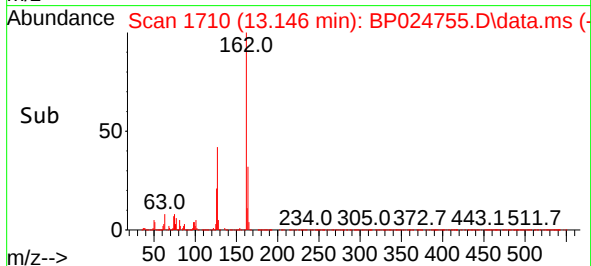
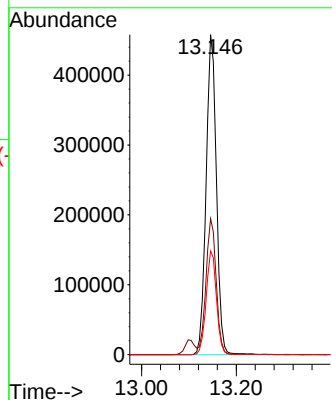
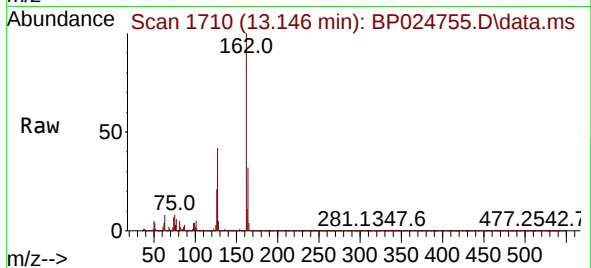
Tgt Ion:162 Resp: 691903

Ion Ratio Lower Upper

162 100

127 42.5 33.8 50.6

164 32.4 26.0 39.0



#48

2-Nitroaniline

Concen: 42.950 ng

RT: 13.363 min Scan# 1747

Delta R.T. -0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

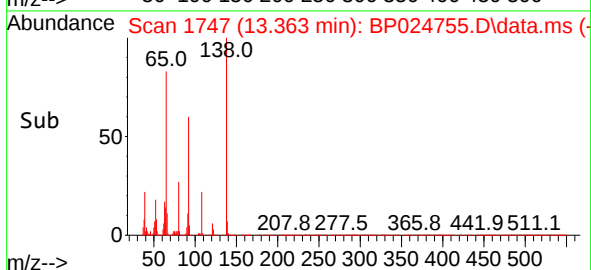
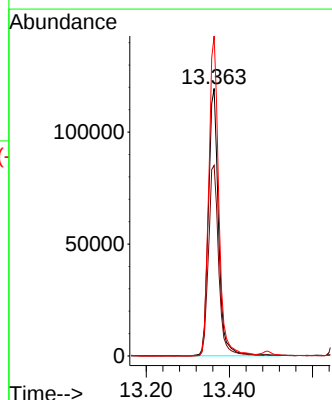
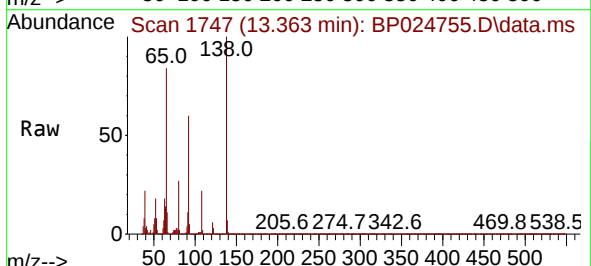
Tgt Ion: 65 Resp: 202885

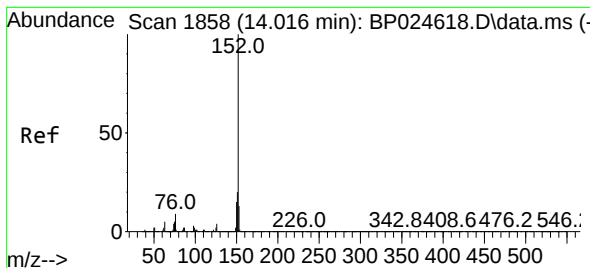
Ion Ratio Lower Upper

65 100

92 71.3 58.7 88.1

138 119.6 90.2 135.2





#49

Acenaphthylene

Concen: 42.437 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

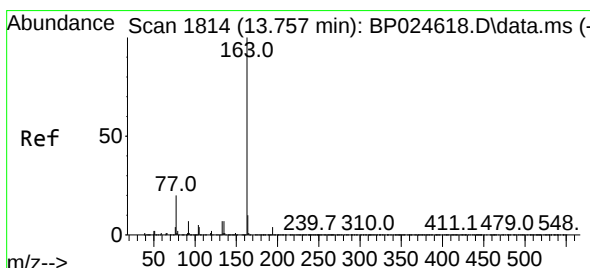
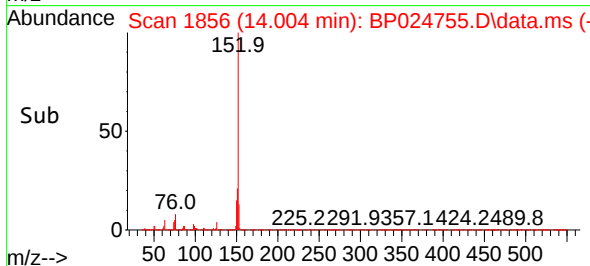
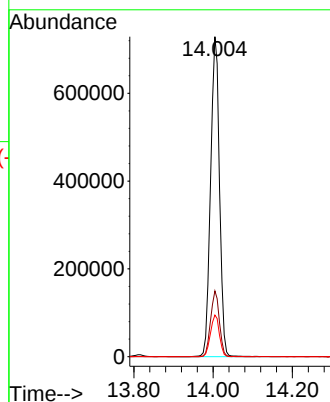
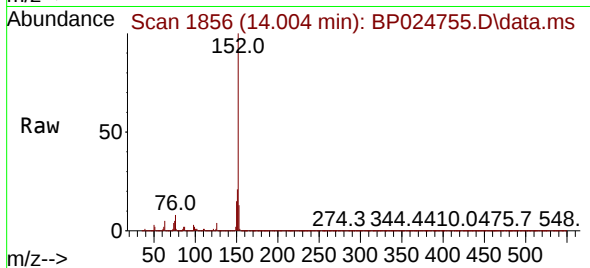
Tgt Ion:152 Resp: 1133108

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 42.093 ng

RT: 13.740 min Scan# 1811

Delta R.T. -0.018 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

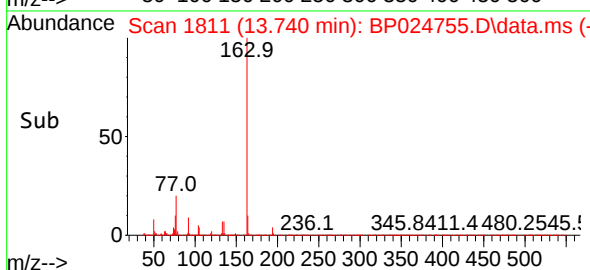
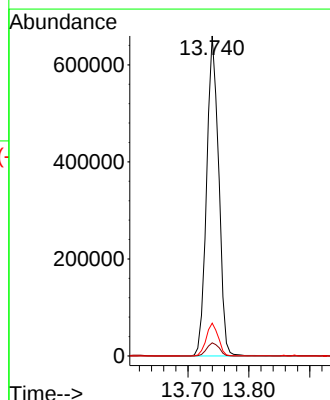
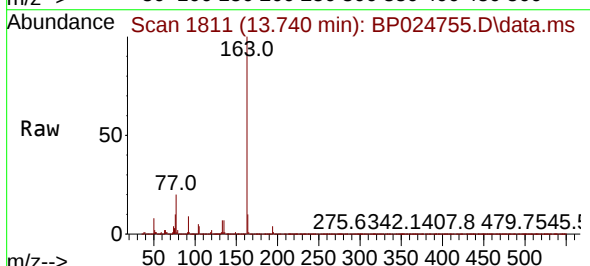
Tgt Ion:163 Resp: 908339

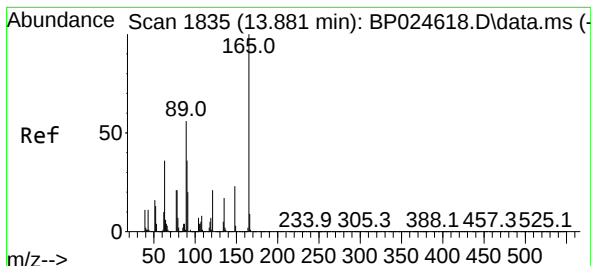
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1

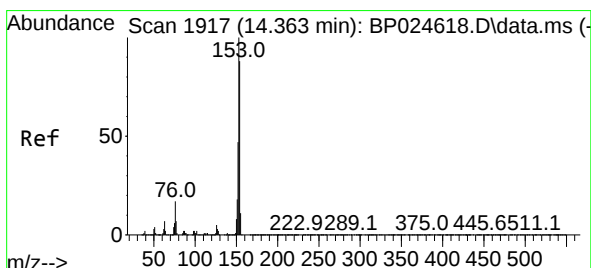
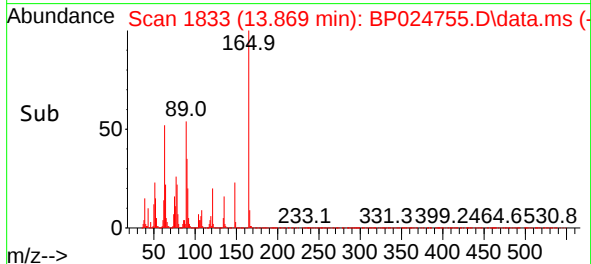
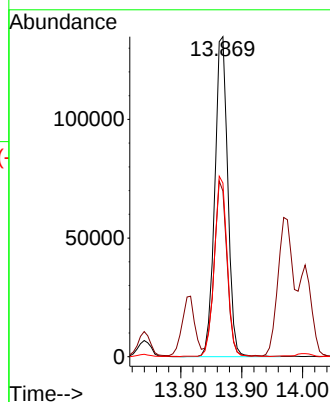
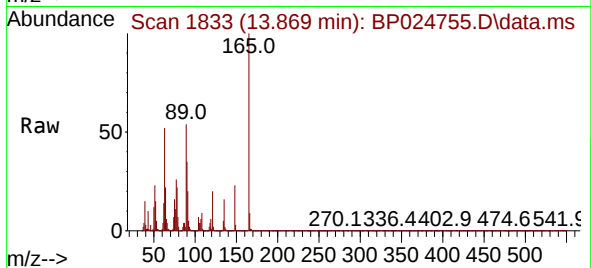




#51
2,6-Dinitrotoluene
Concen: 43.751 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

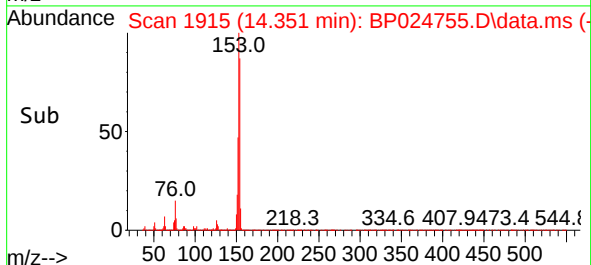
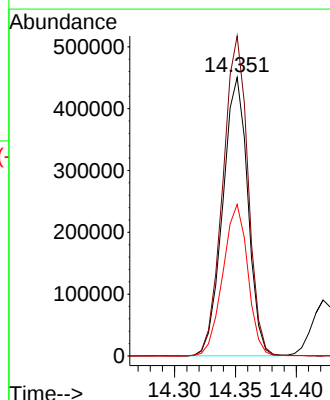
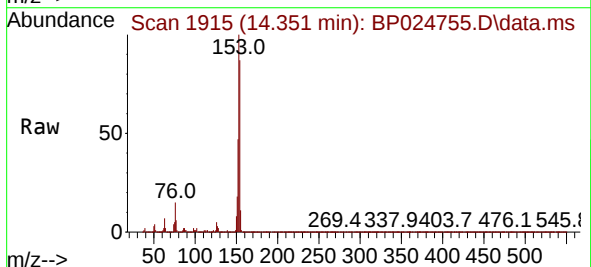
Instrument :
BNA_P
ClientSampleId :
PB168098BS

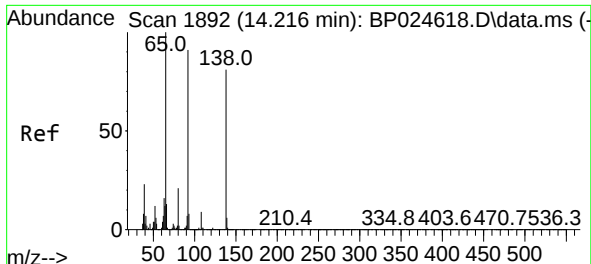
Tgt Ion:165 Resp: 199396
Ion Ratio Lower Upper
165 100
63 51.8 42.4 63.6
89 54.2 44.8 67.2



#52
Acenaphthene
Concen: 42.134 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:154 Resp: 646760
Ion Ratio Lower Upper
154 100
153 114.9 91.0 136.4
152 54.4 42.9 64.3

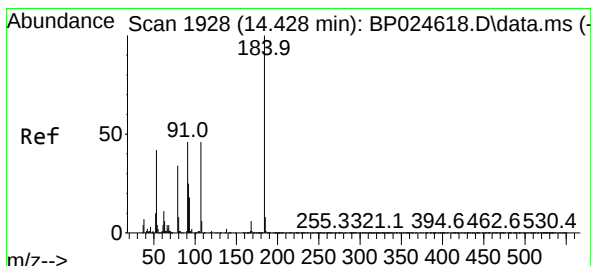
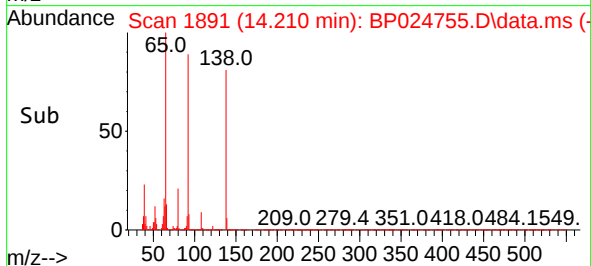
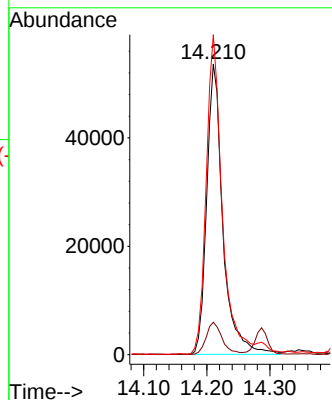
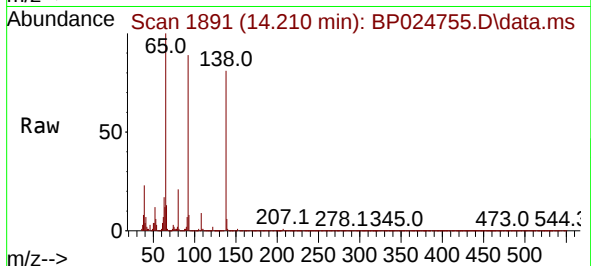




#53
3-Nitroaniline
Concen: 20.478 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

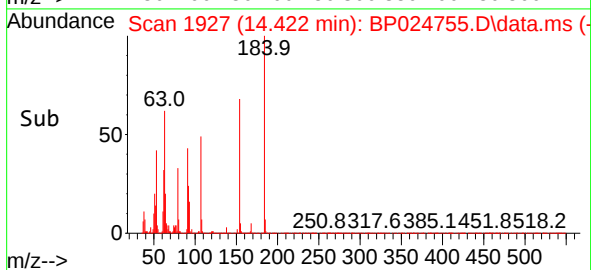
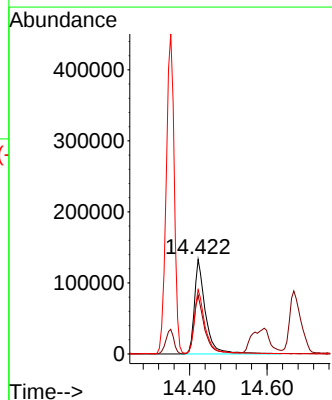
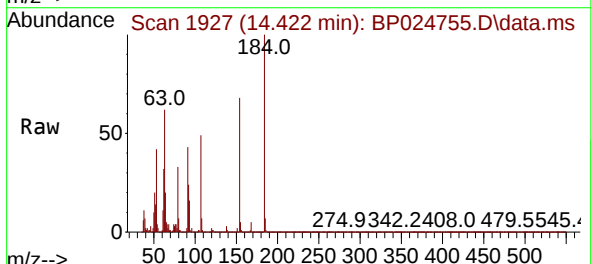
Instrument :
BNA_P
ClientSampleId :
PB168098BS

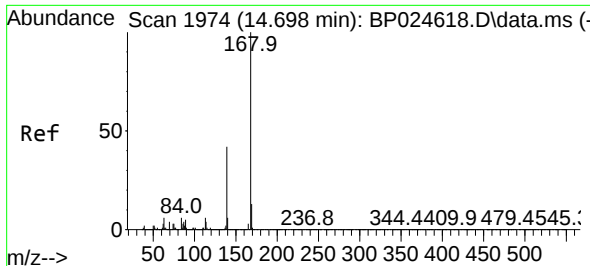
Tgt Ion:138 Resp: 95294
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 110.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 90.411 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:184 Resp: 262431
Ion Ratio Lower Upper
184 100
63 61.9 51.3 76.9
154 68.0 53.5 80.3

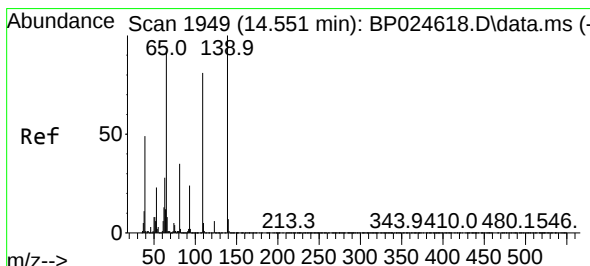
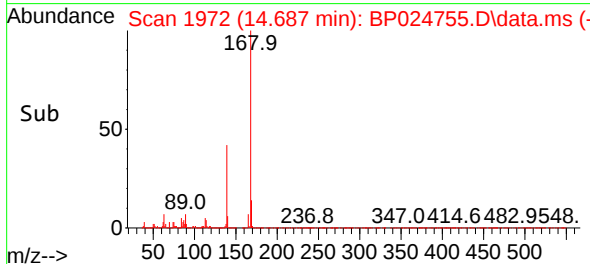
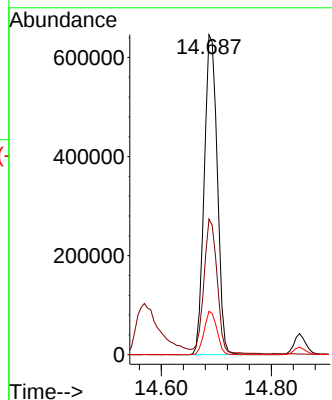
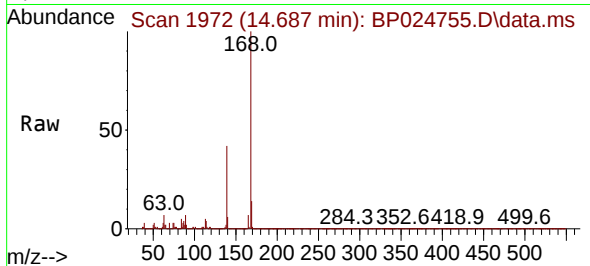




#55
Dibenzofuran
Concen: 43.271 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

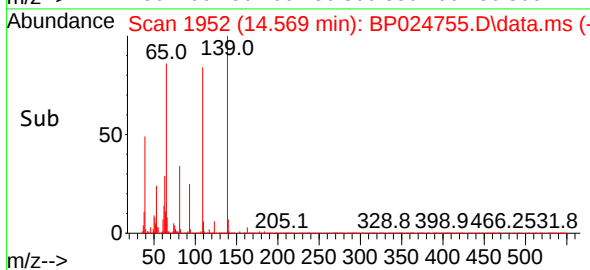
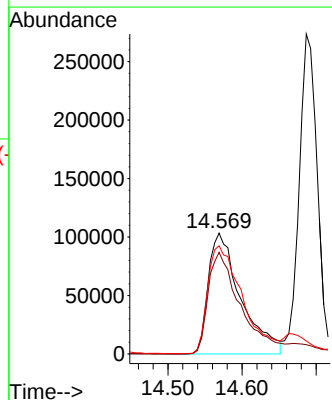
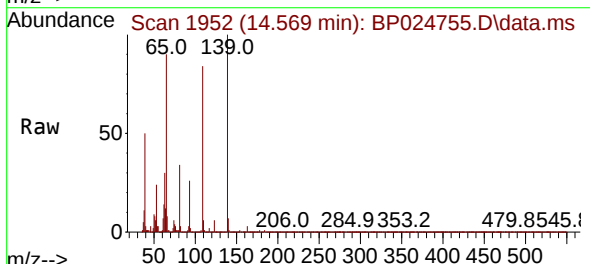
Instrument :
BNA_P
ClientSampleId :
PB168098BS

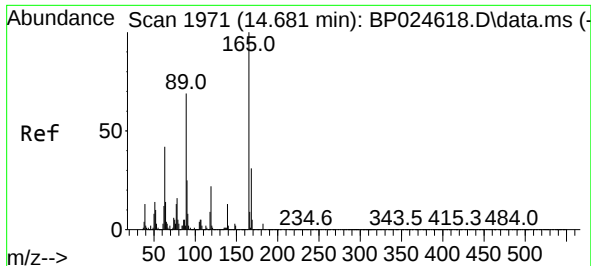
Tgt Ion:168 Resp: 1059440
Ion Ratio Lower Upper
168 100
139 42.4 34.2 51.4
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 77.936 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:139 Resp: 313522
Ion Ratio Lower Upper
139 100
109 84.1 61.4 101.4
65 89.6 72.2 112.2

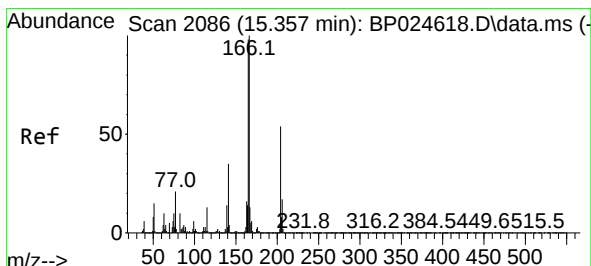
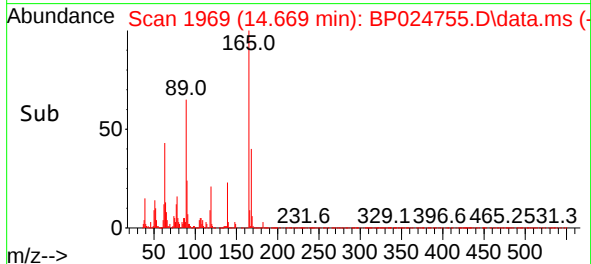
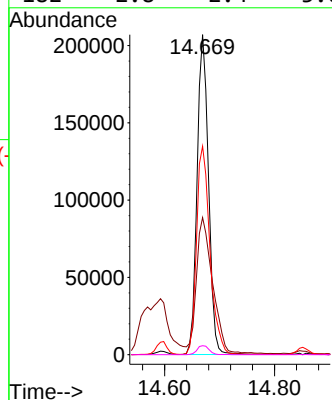
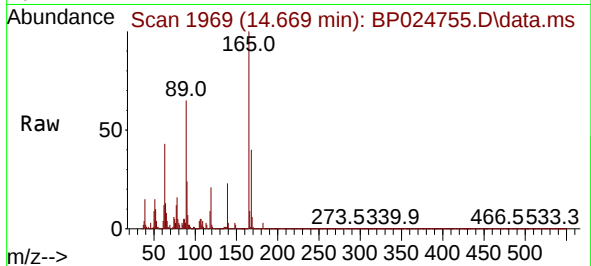




#57
2,4-Dinitrotoluene
Concen: 46.462 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

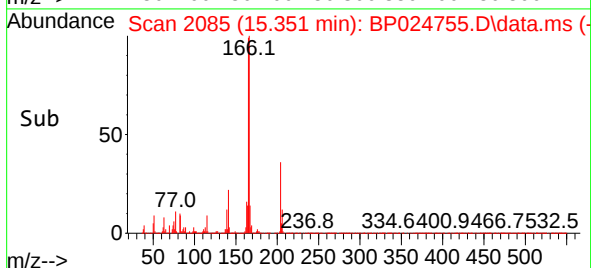
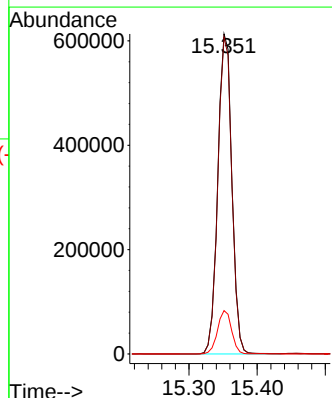
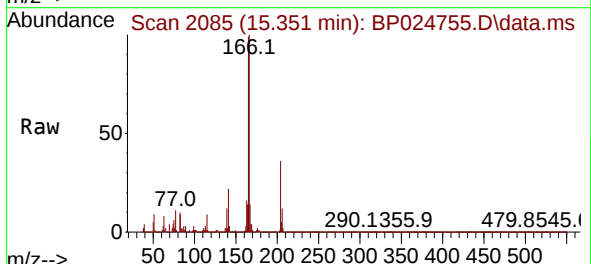
Instrument :
BNA_P
ClientSampleId :
PB168098BS

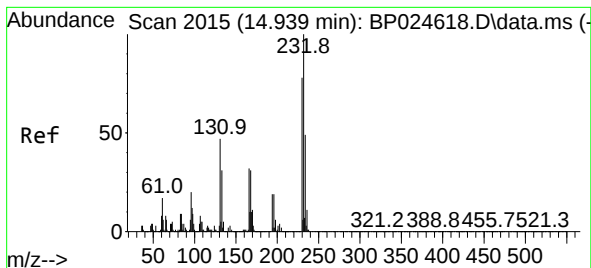
Tgt Ion:165 Resp: 298529
Ion Ratio Lower Upper
165 100
63 42.9 33.8 50.6
89 65.1 55.6 83.4
182 2.8 2.4 3.6



#58
Fluorene
Concen: 44.051 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:166 Resp: 879435
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 13.5 10.7 16.1

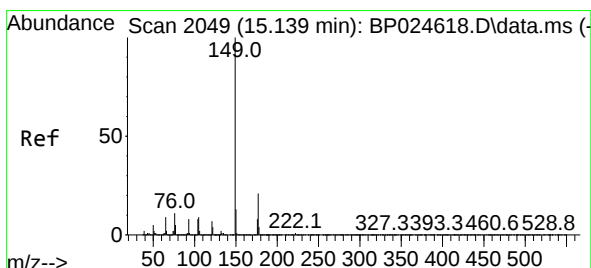
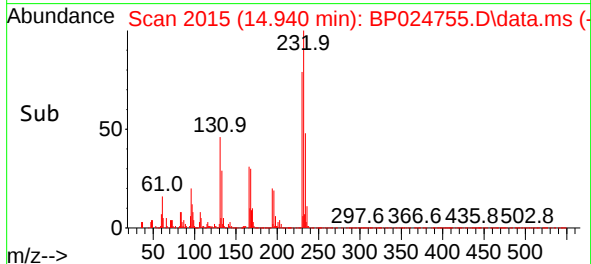
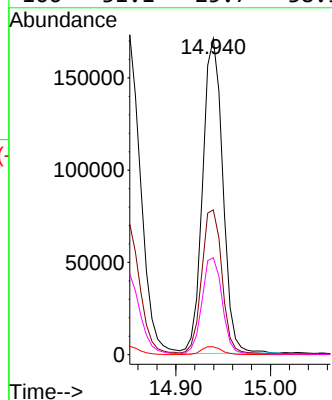
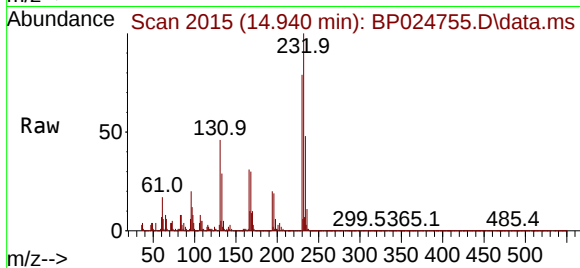




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.726 ng
RT: 14.940 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

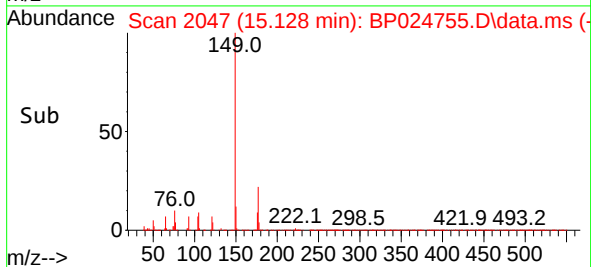
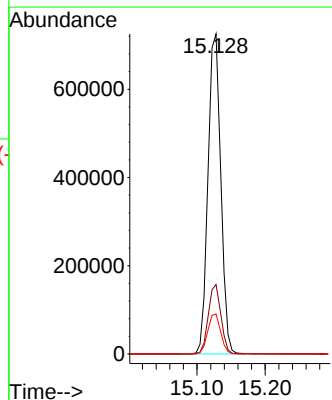
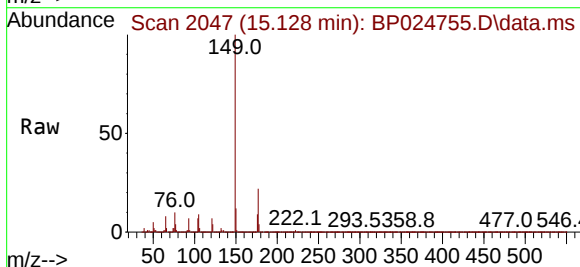
Instrument :
BNA_P
ClientSampleId :
PB168098BS

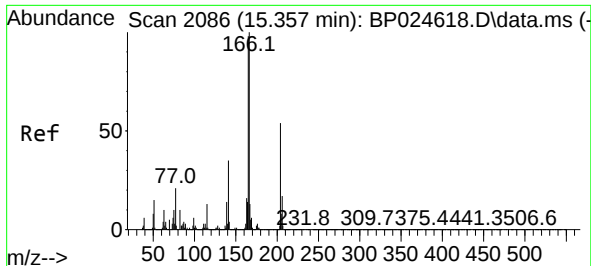
Tgt Ion:	232	Resp:	251432
Ion	Ratio	Lower	Upper
232	100		
131	46.4	39.5	59.3
130	2.7	2.2	3.4
166	31.1	25.7	38.5



#60
Diethylphthalate
Concen: 43.527 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:	149	Resp:	949347
Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.5	10.2	15.2

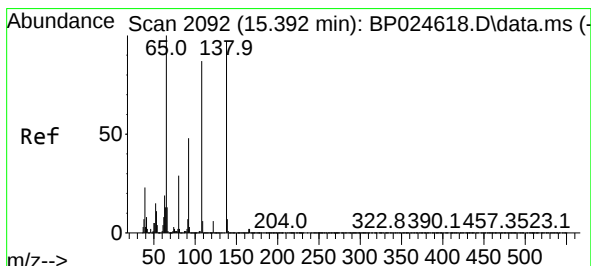
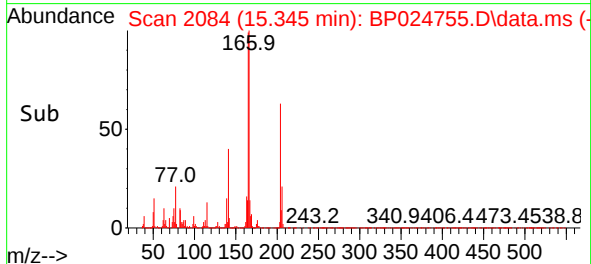
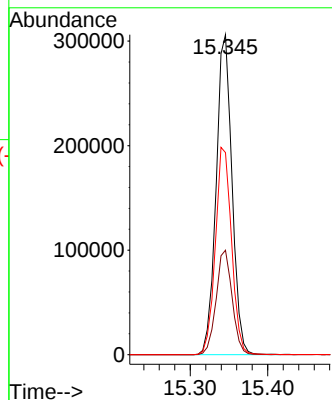
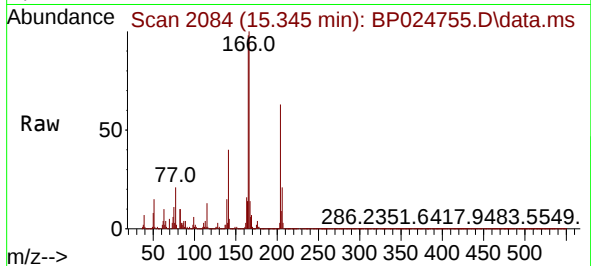




#61
4-Chlorophenyl-phenylether
Concen: 43.923 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

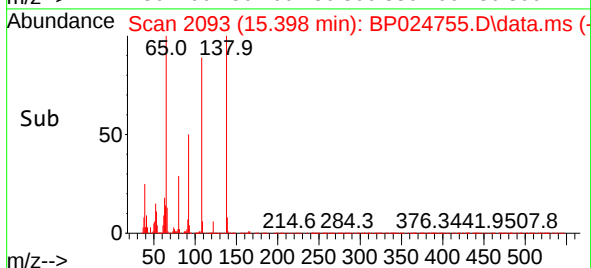
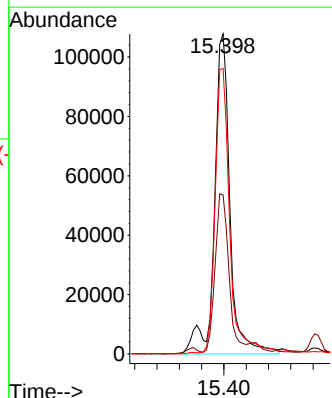
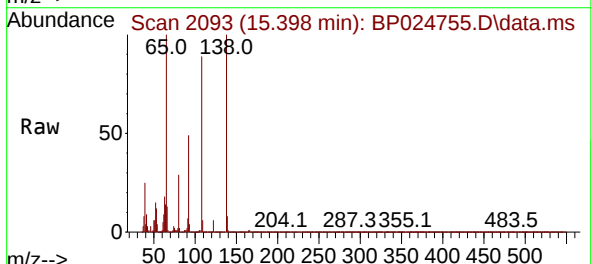
Instrument :
BNA_P
ClientSampleId :
PB168098BS

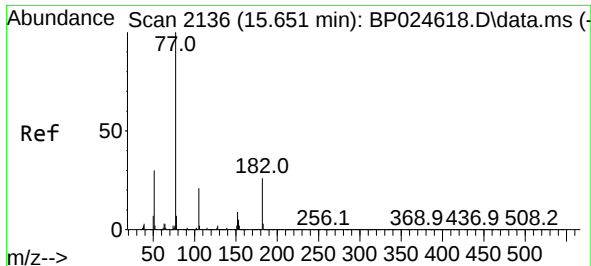
Tgt Ion:204 Resp: 437310
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 63.2 52.9 79.3



#62
4-Nitroaniline
Concen: 46.348 ng m
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:138 Resp: 208254
Ion Ratio Lower Upper
138 100
92 49.7 29.2 69.2
108 89.2 69.0 109.0

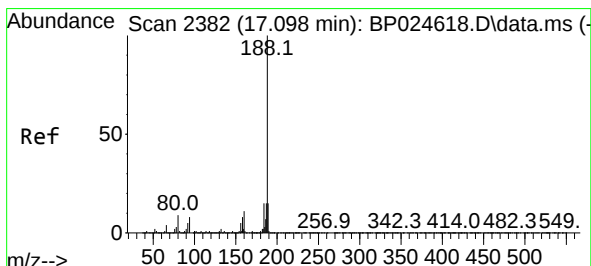
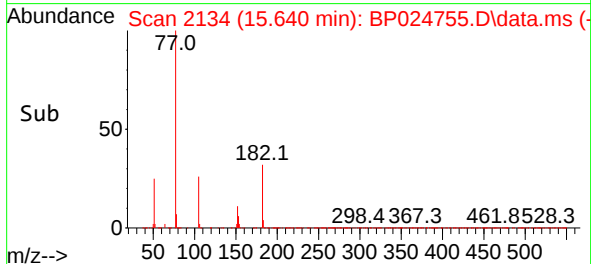
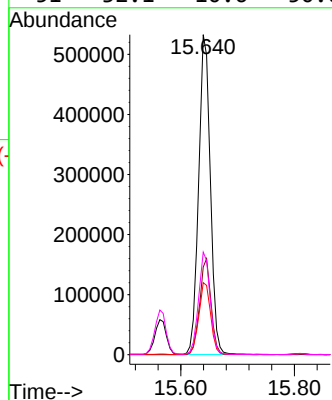
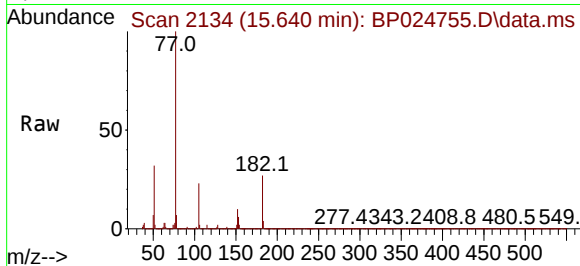




#63
Azobenzene
Concen: 40.952 ng
RT: 15.640 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

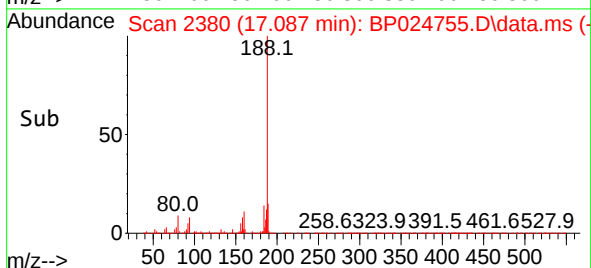
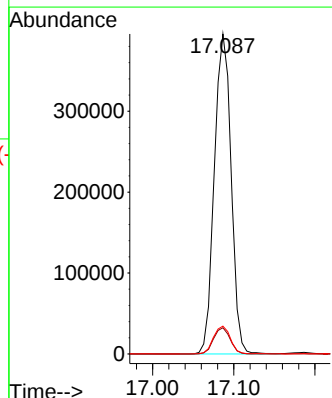
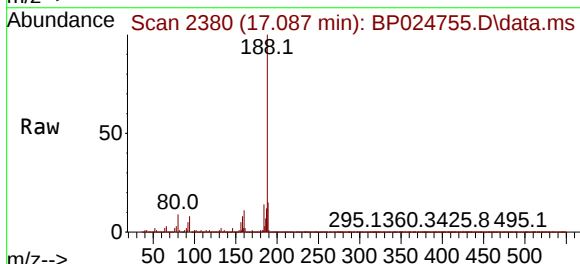
Instrument :
BNA_P
ClientSampleId :
PB168098BS

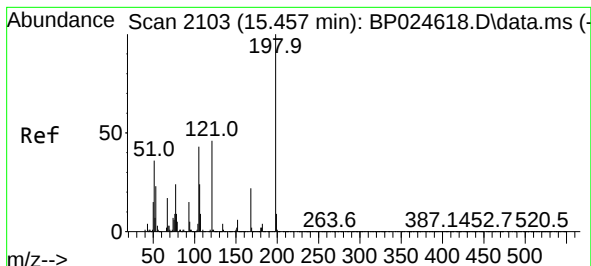
Tgt Ion: 77	Resp: 764105
Ion Ratio	Lower Upper
77 100	
182 27.4	5.7 45.7
105 22.5	1.3 41.3
51 32.1	10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:188	Resp: 568580
Ion Ratio	Lower Upper
188 100	
94 8.2	6.5 9.7
80 8.7	7.3 10.9

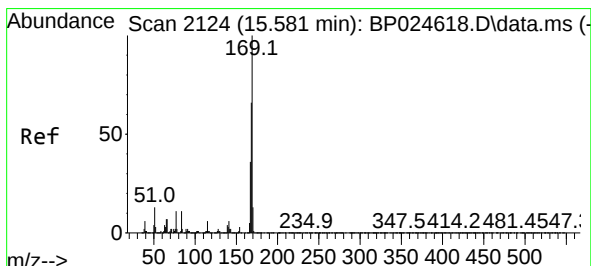
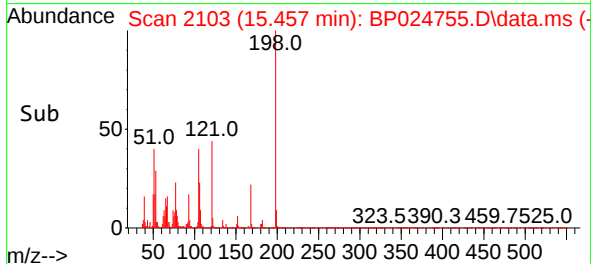
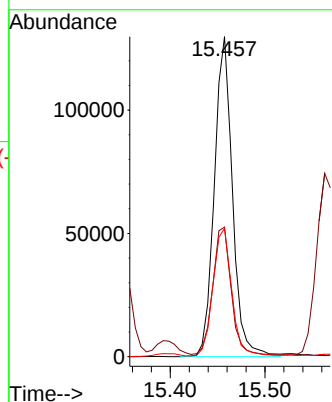
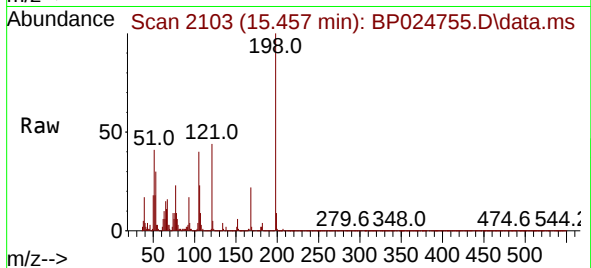




#65
4,6-Dinitro-2-methylphenol
Concen: 46.989 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

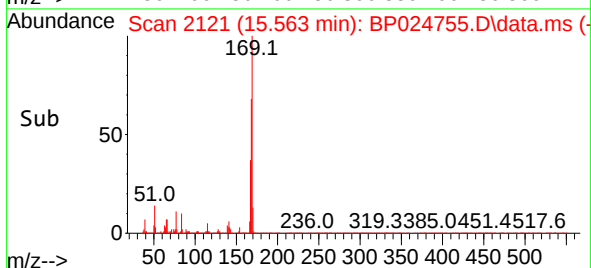
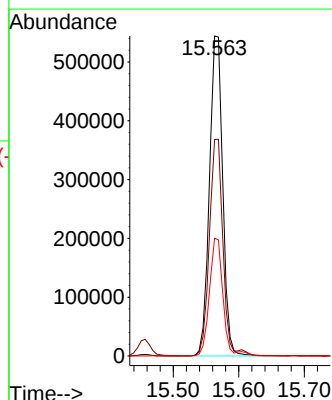
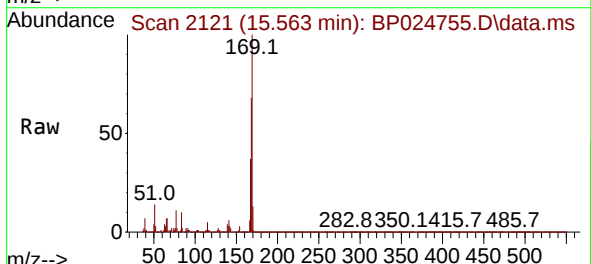
Instrument :
BNA_P
ClientSampleId :
PB168098BS

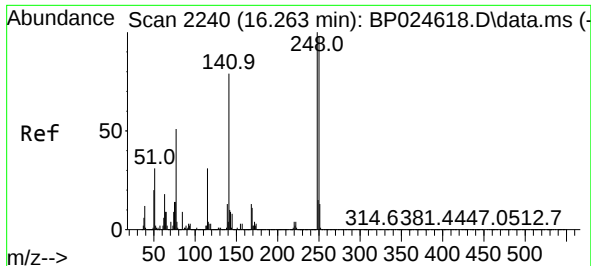
Tgt Ion:198 Resp: 172573
Ion Ratio Lower Upper
198 100
51 40.5 21.1 61.1
105 40.1 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 43.944 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:169 Resp: 767455
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 36.8 28.6 43.0

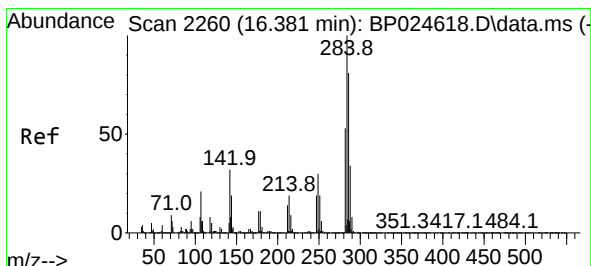
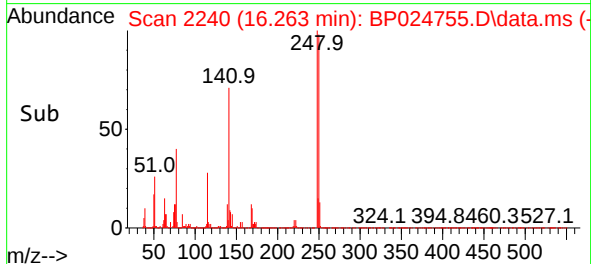
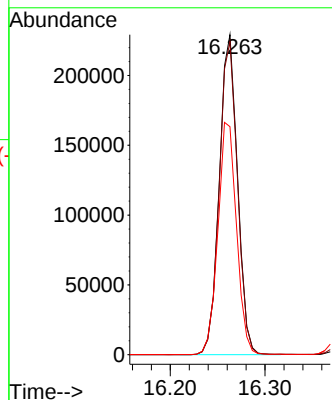
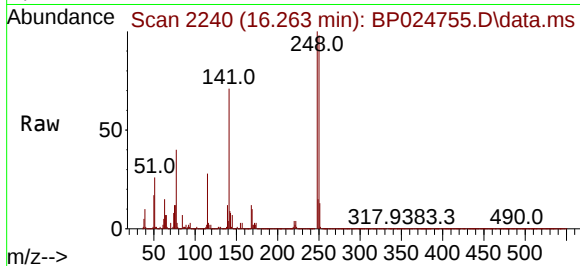




#67
4-Bromophenyl-phenylether
Concen: 45.770 ng
RT: 16.263 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

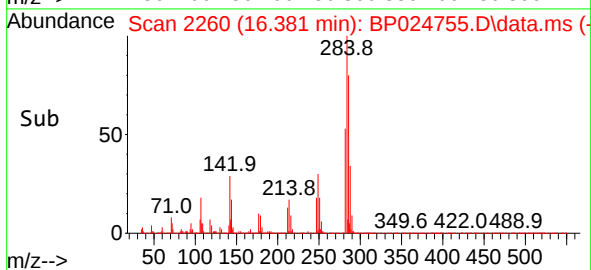
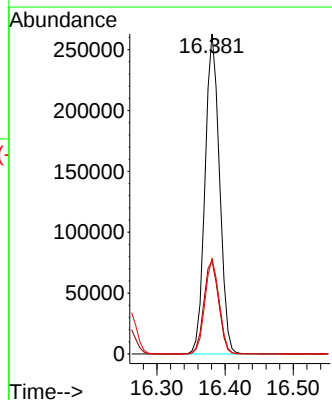
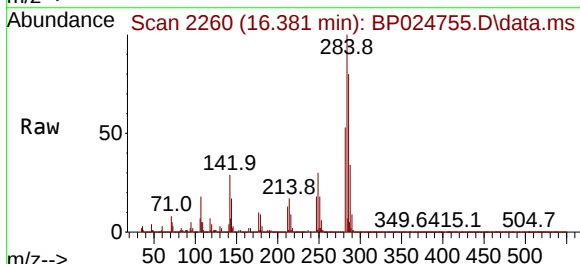
Instrument :
BNA_P
ClientSampleId :
PB168098BS

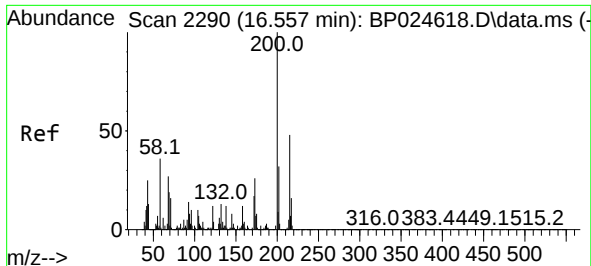
Tgt Ion:248 Resp: 306650
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 71.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 45.465 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:284 Resp: 387062
Ion Ratio Lower Upper
284 100
142 29.1 25.9 38.9
249 29.7 24.1 36.1

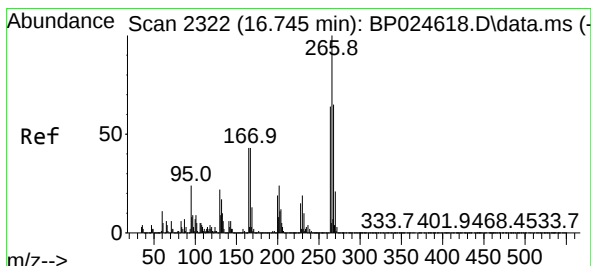
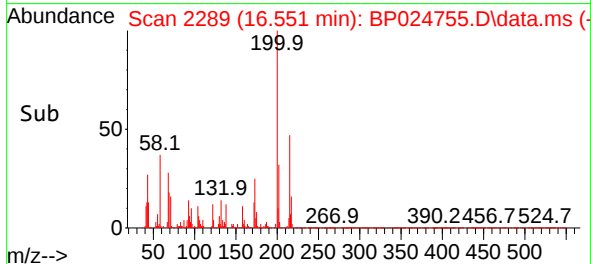
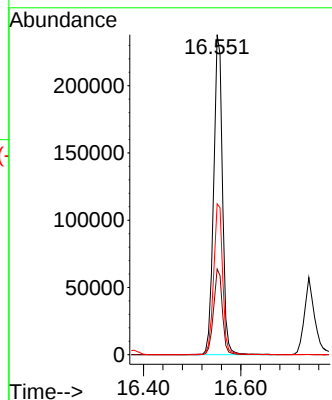
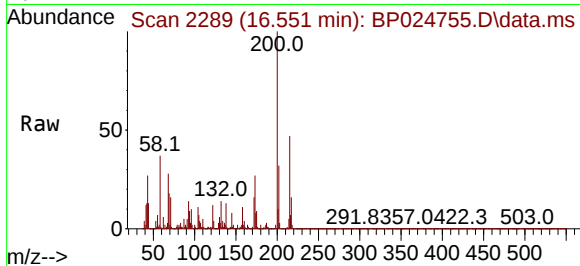




#69
 Atrazine
 Concen: 46.383 ng
 RT: 16.551 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024755.D
 Acq: 22 May 2025 12:18

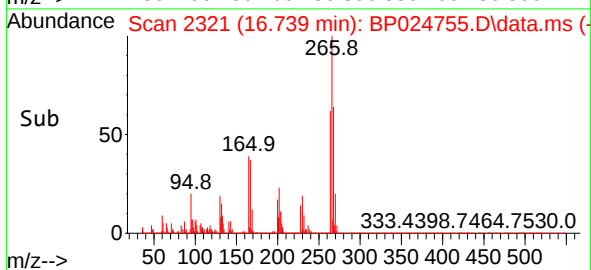
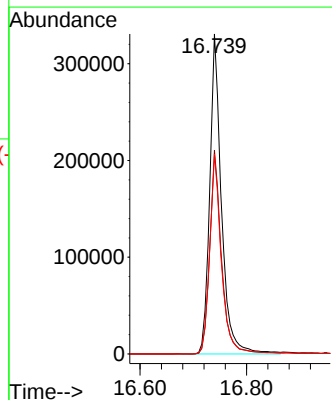
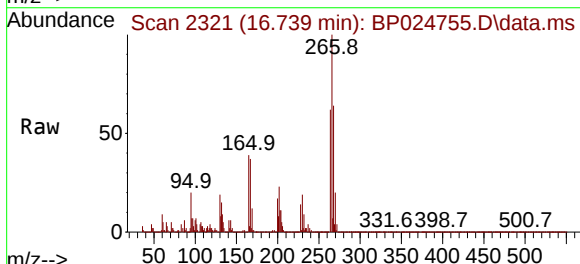
Instrument :
 BNA_P
 ClientSampleId :
 PB168098BS

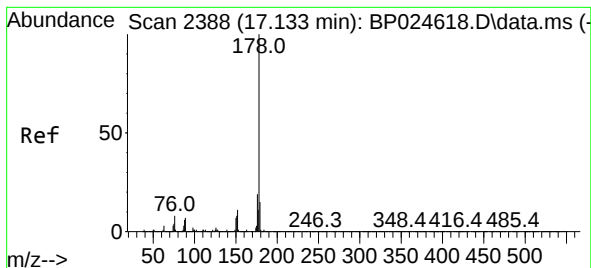
Tgt Ion:200 Resp: 296861
 Ion Ratio Lower Upper
 200 100
 173 26.7 5.9 45.9
 215 47.2 28.3 68.3



#70
 Pentachlorophenol
 Concen: 105.866 ng
 RT: 16.739 min Scan# 2321
 Delta R.T. -0.006 min
 Lab File: BP024755.D
 Acq: 22 May 2025 12:18

Tgt Ion:266 Resp: 505930
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.2 78.4
 264 62.4 51.1 76.7





#71

Phenanthrene

Concen: 43.239 ng

RT: 17.128 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

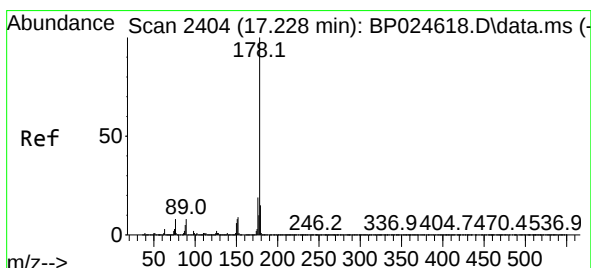
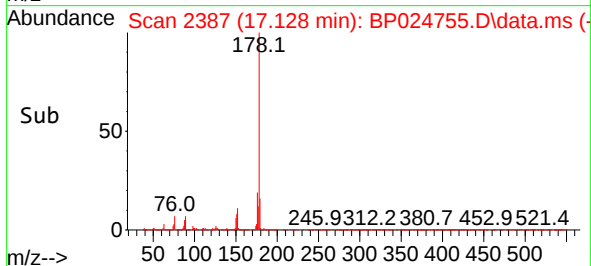
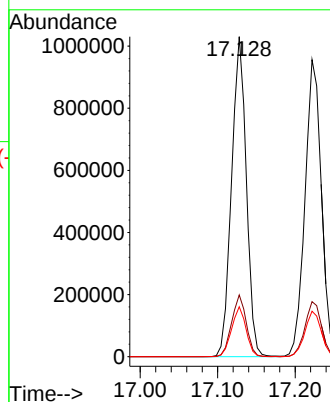
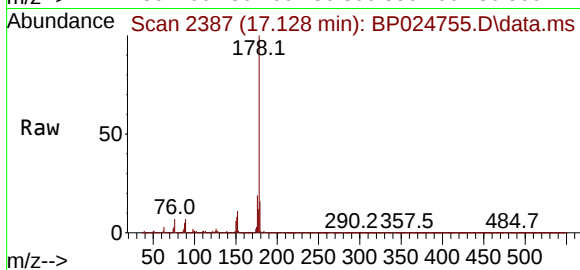
Tgt Ion:178 Resp: 1366718

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.6 12.2 18.4



#72

Anthracene

Concen: 44.495 ng

RT: 17.222 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

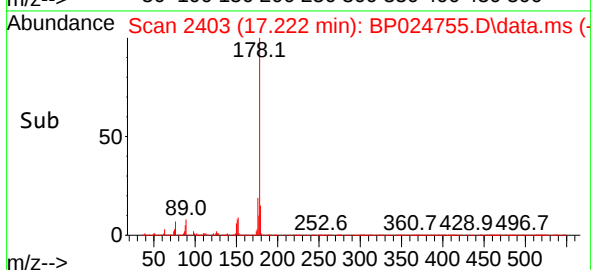
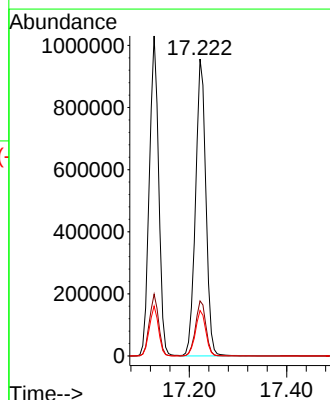
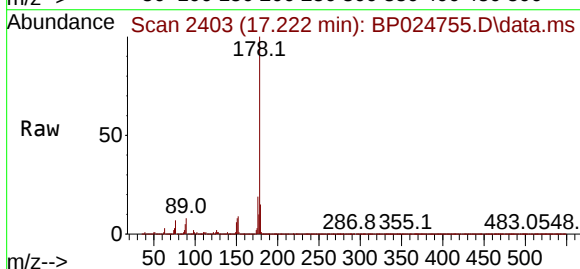
Tgt Ion:178 Resp: 1415016

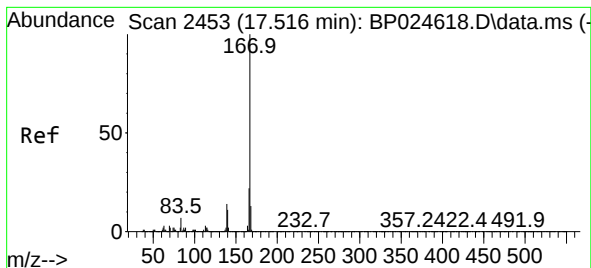
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.3 12.2 18.2





#73

Carbazole

Concen: 45.494 ng

RT: 17.510 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

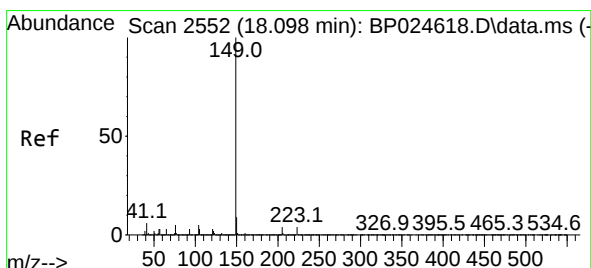
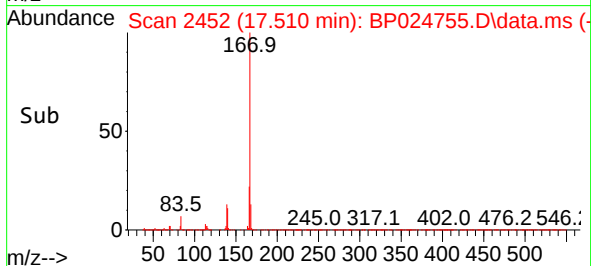
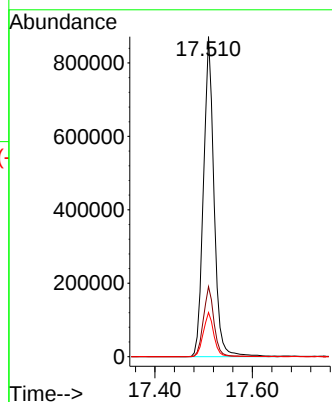
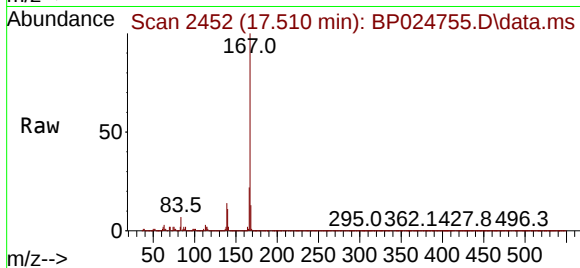
Tgt Ion:167 Resp: 1309469

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

139 13.8 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.777 ng

RT: 18.092 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

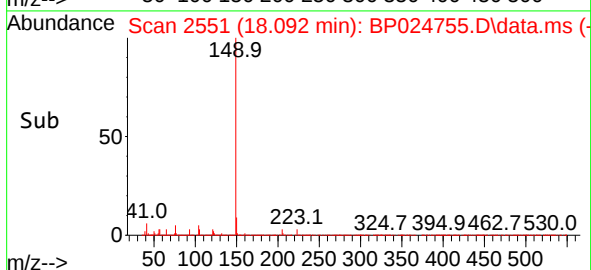
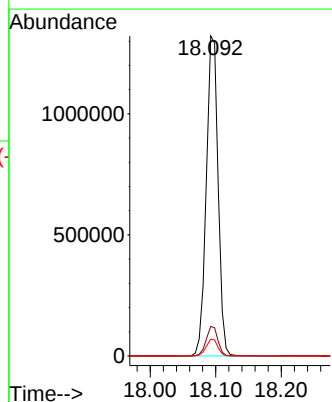
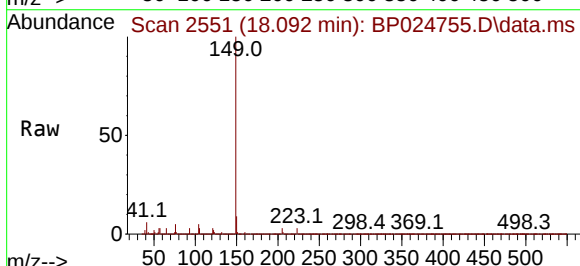
Tgt Ion:149 Resp: 1657555

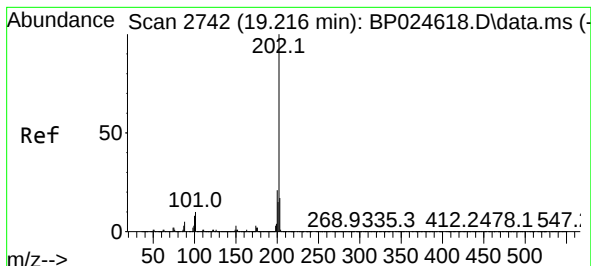
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 45.976 ng

RT: 19.216 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

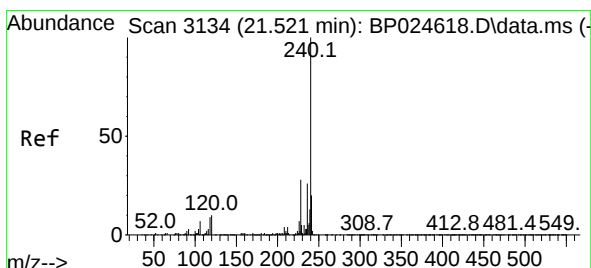
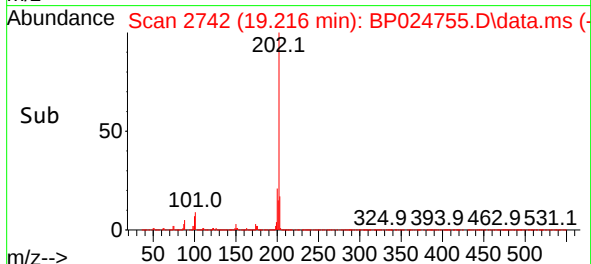
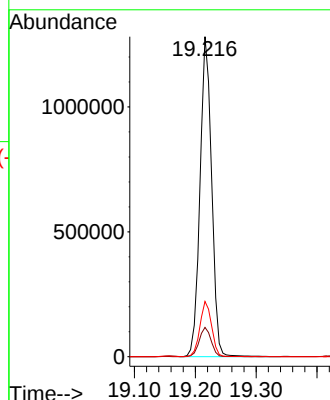
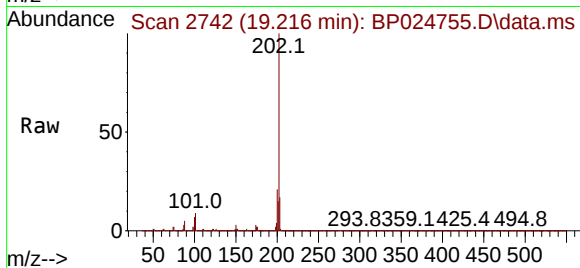
Tgt Ion:202 Resp: 1698716

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.3

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

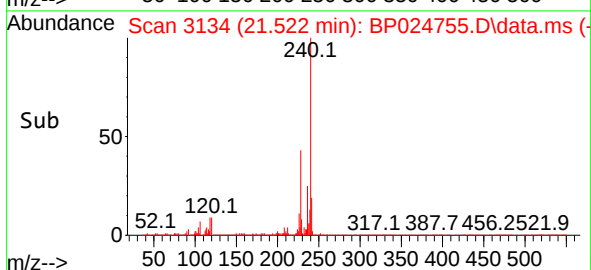
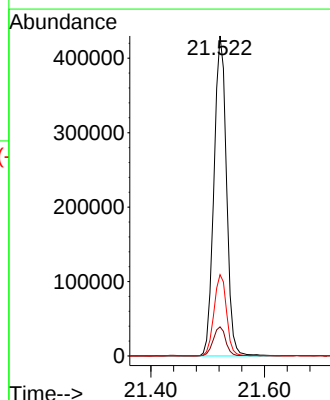
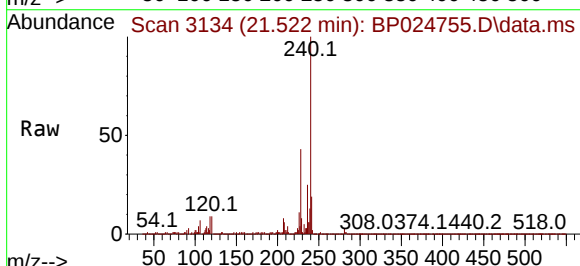
Tgt Ion:240 Resp: 655197

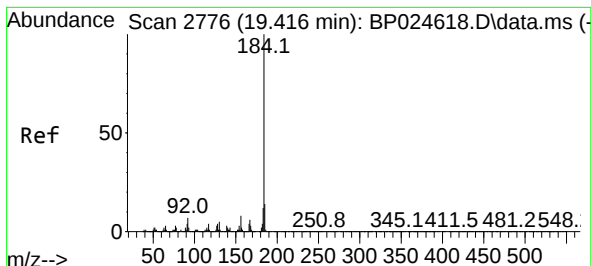
Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.4 20.6 31.0





#77

Benzidine

Concen: 33.628 ng

RT: 19.422 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

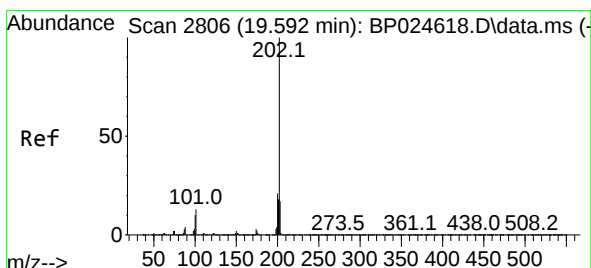
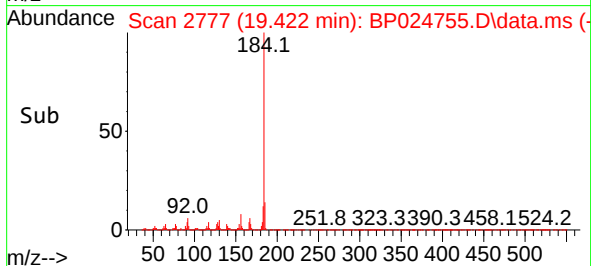
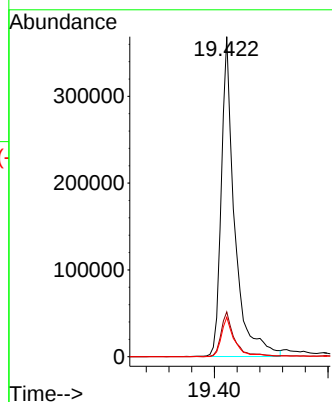
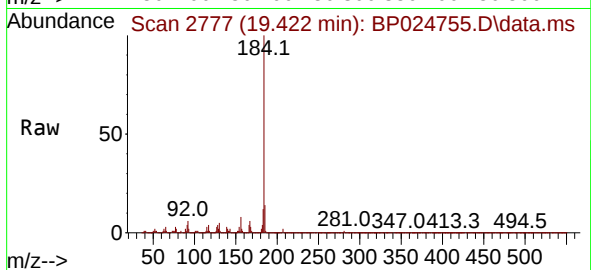
Tgt Ion:184 Resp: 600097

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 12.3 9.8 14.8



#78

Pyrene

Concen: 44.462 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

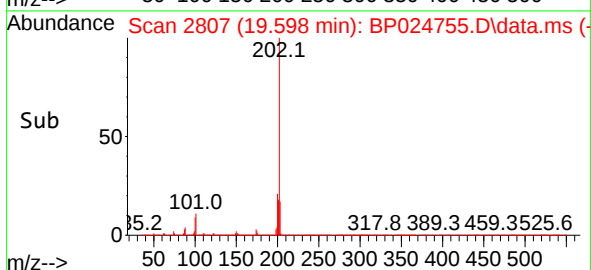
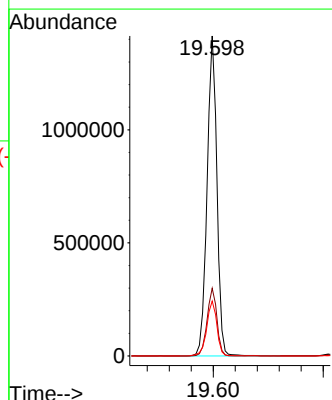
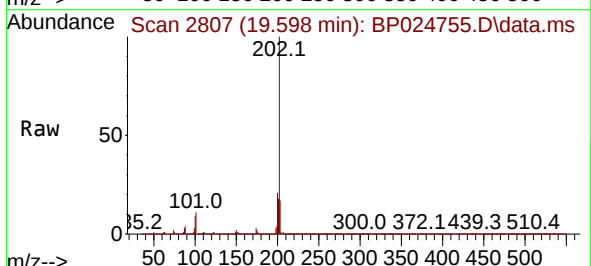
Tgt Ion:202 Resp: 1745500

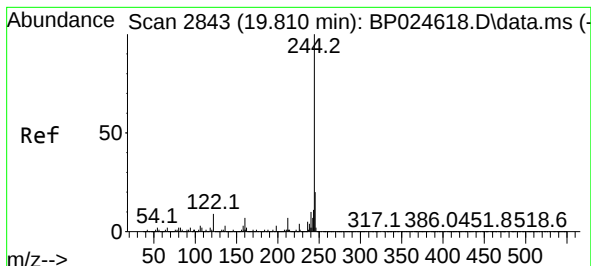
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 77.900 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

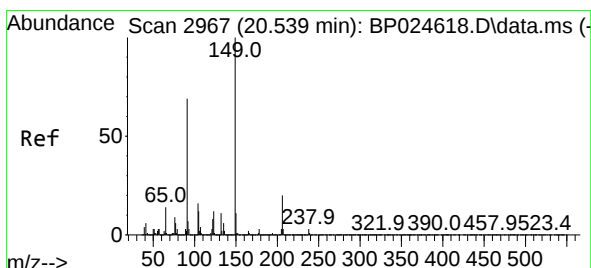
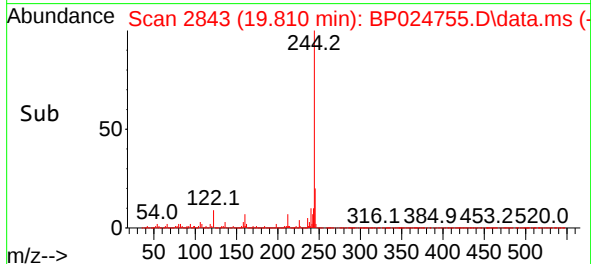
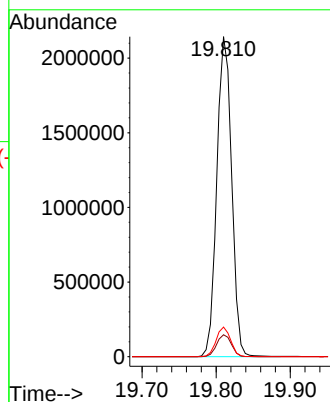
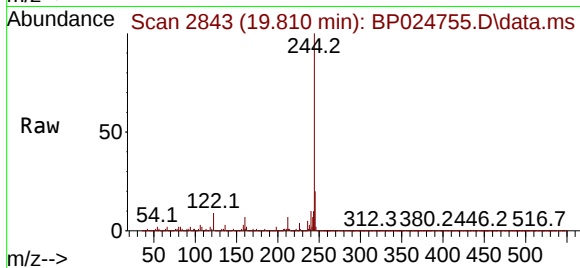
Tgt Ion:244 Resp: 2976627

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.3 7.4 11.0



#80

Butylbenzylphthalate

Concen: 46.059 ng

RT: 20.551 min Scan# 2969

Delta R.T. 0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

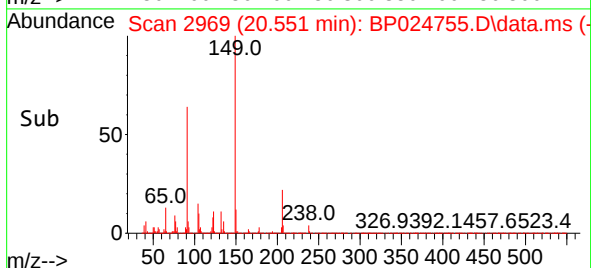
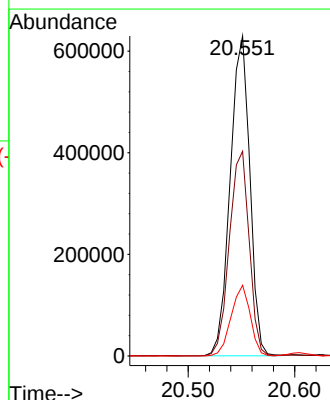
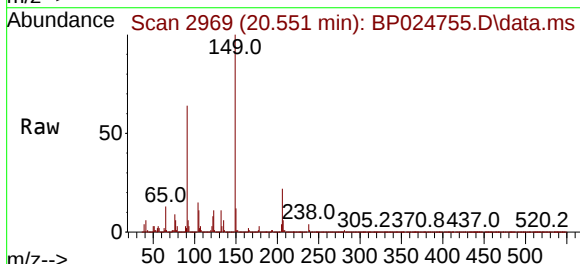
Tgt Ion:149 Resp: 804165

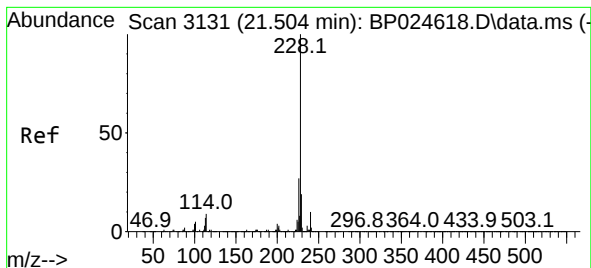
Ion Ratio Lower Upper

149 100

91 64.0 55.4 83.0

206 22.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 43.936 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

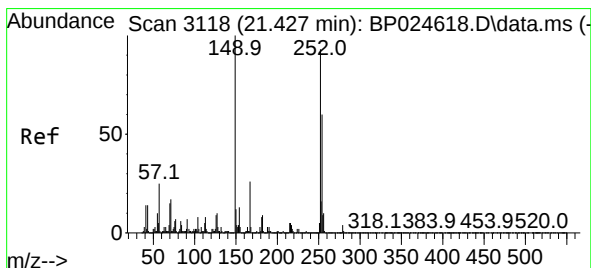
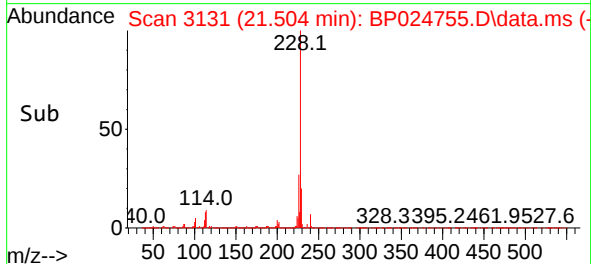
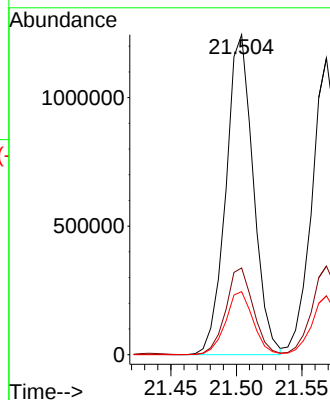
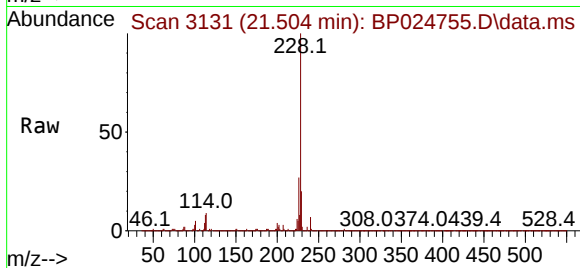
Tgt Ion:228 Resp: 1807550

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 31.292 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

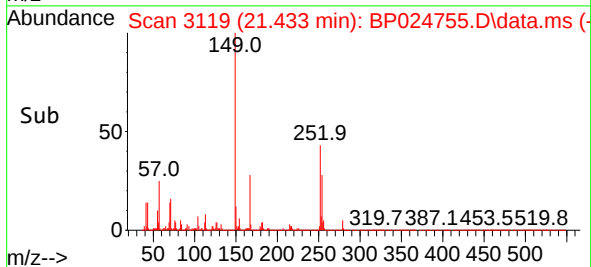
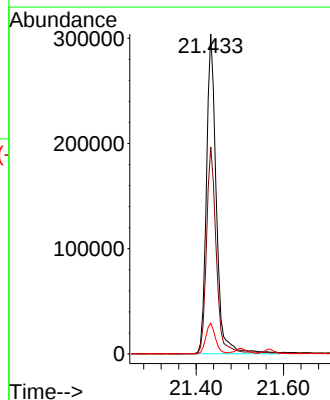
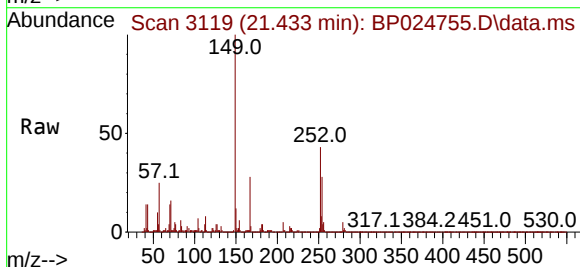
Tgt Ion:252 Resp: 478160

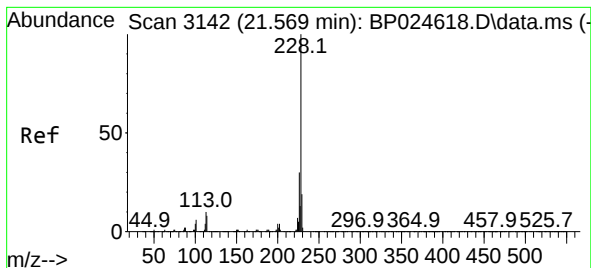
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 9.6 7.7 11.5





#83

Chrysene

Concen: 44.134 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

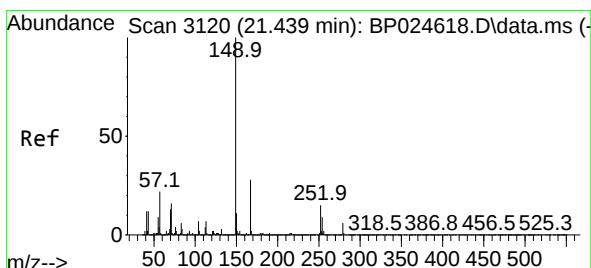
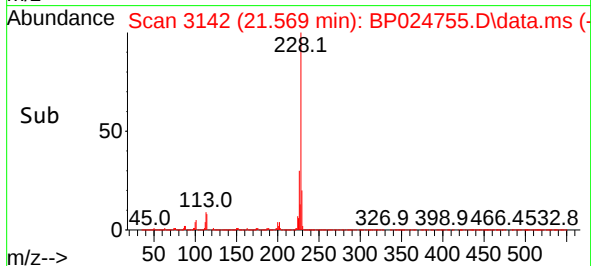
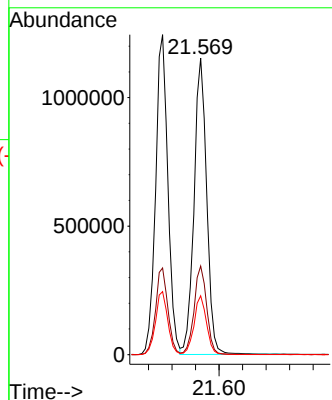
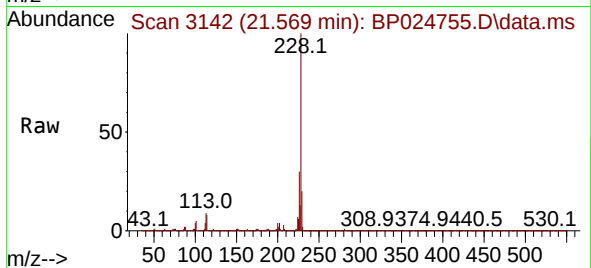
Tgt Ion:228 Resp: 1721196

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.240 ng

RT: 21.439 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

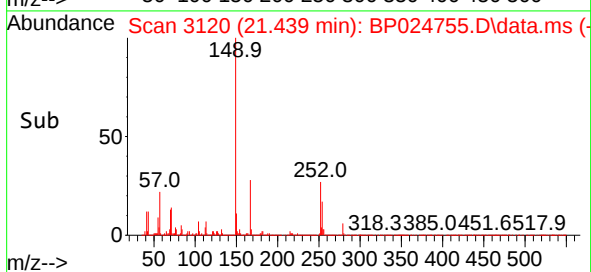
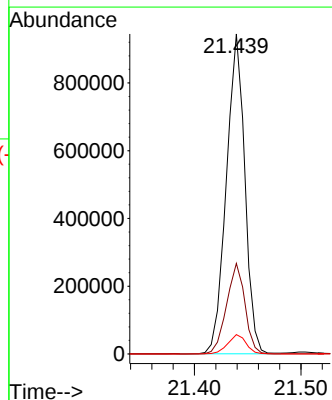
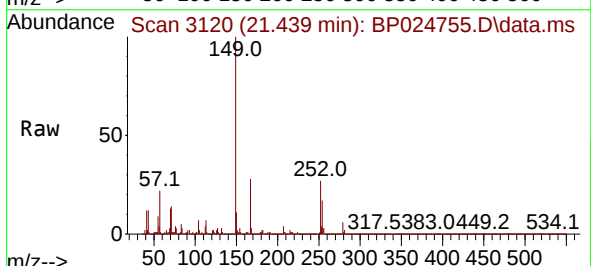
Tgt Ion:149 Resp: 1135308

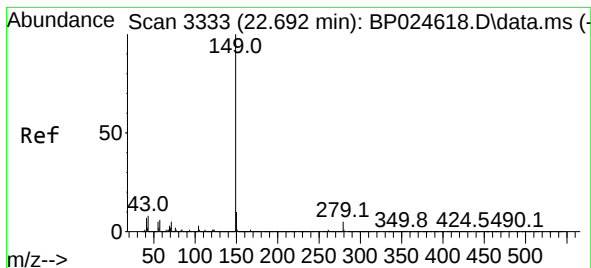
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 6.1 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 46.278 ng

RT: 22.686 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

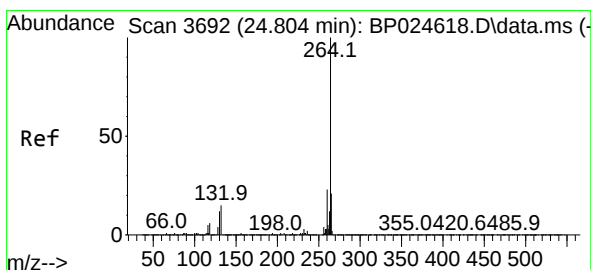
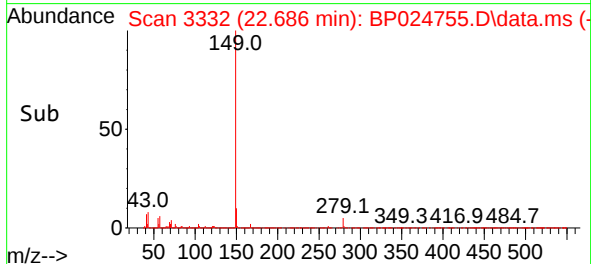
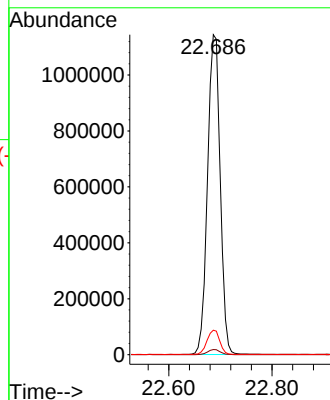
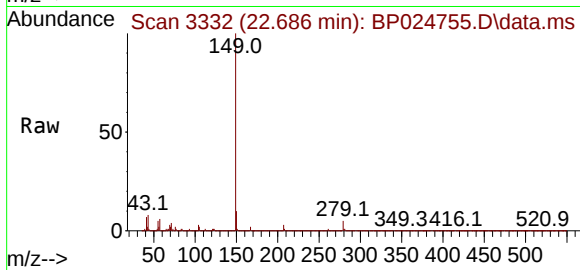
Tgt Ion:149 Resp: 1942063

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: 24.821 min Scan# 3695

Delta R.T. 0.018 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

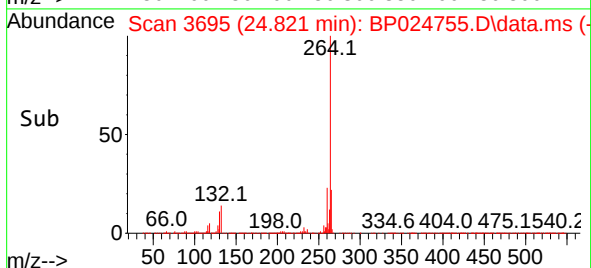
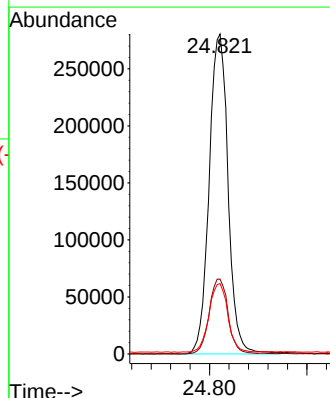
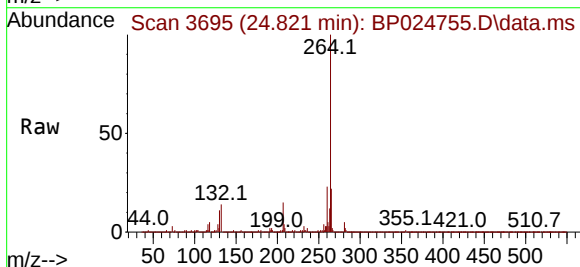
Tgt Ion:264 Resp: 754804

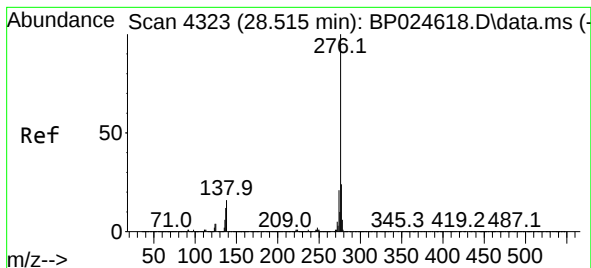
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.679 ng

RT: 28.545 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

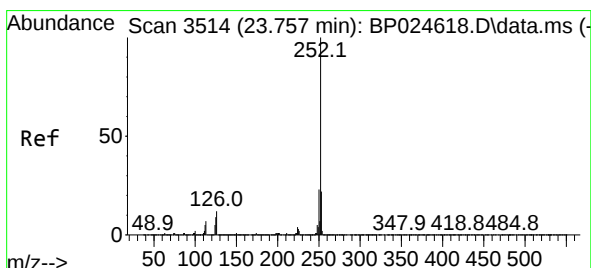
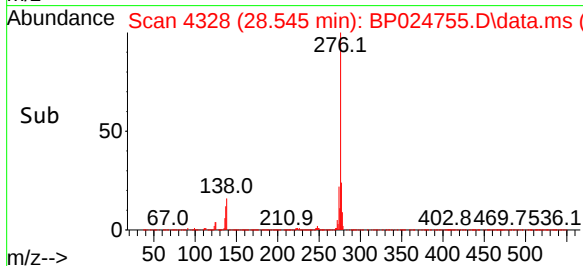
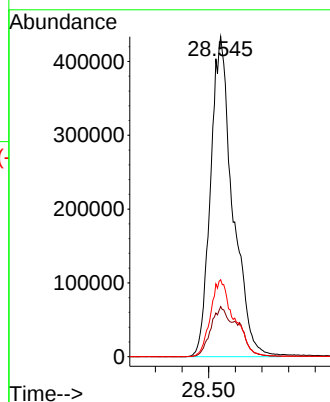
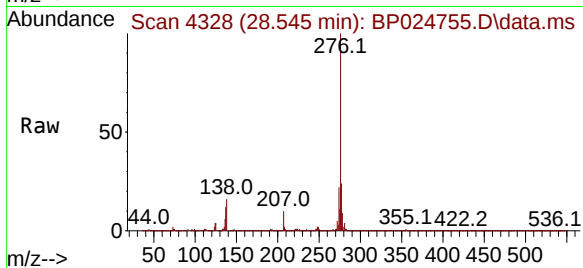
Tgt Ion:276 Resp: 2517163

Ion Ratio Lower Upper

276 100

138 12.7 11.2 16.8

277 25.6 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 44.244 ng

RT: 23.769 min Scan# 3516

Delta R.T. 0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

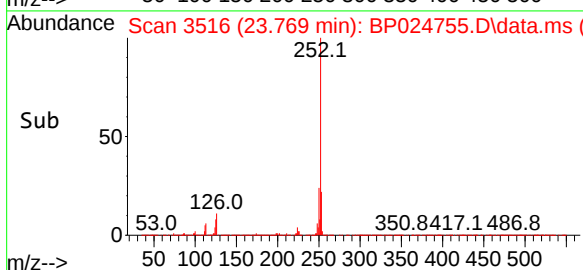
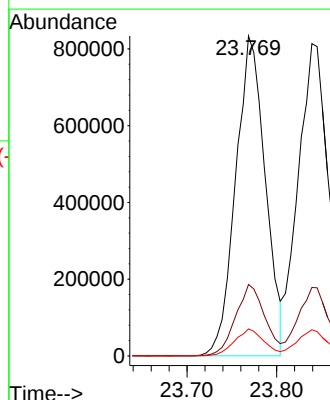
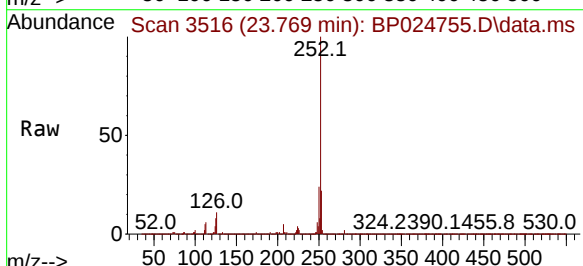
Tgt Ion:252 Resp: 1911502

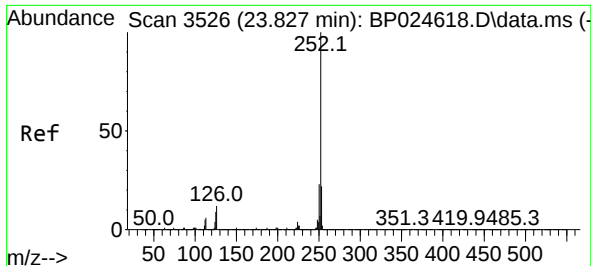
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.5 7.5 11.3

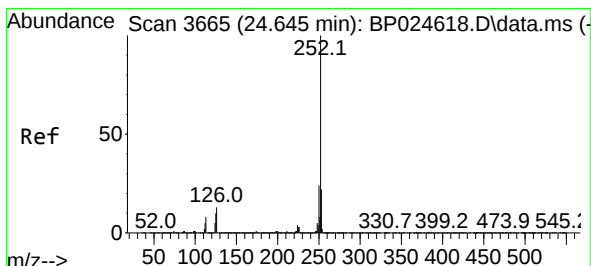
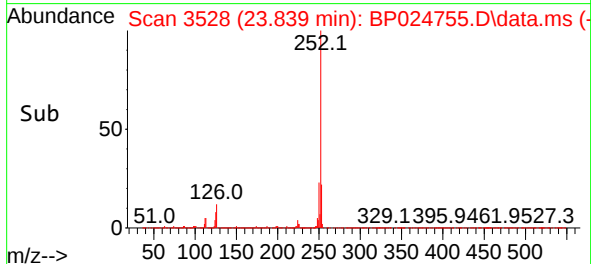
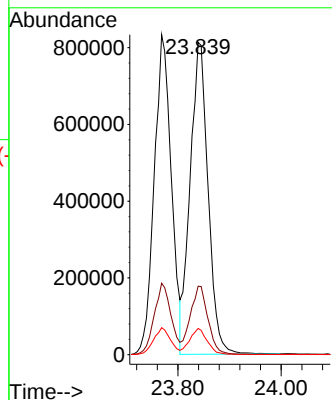
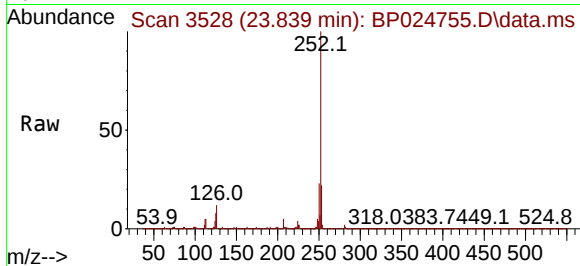




#89
Benzo(k)fluoranthene
Concen: 44.015 ng
RT: 23.839 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

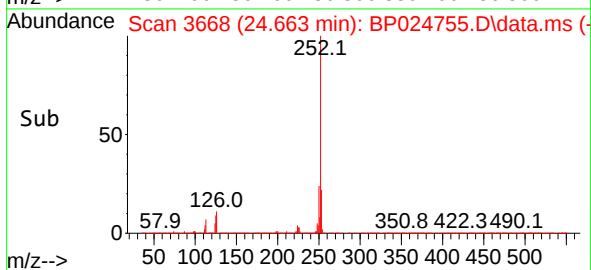
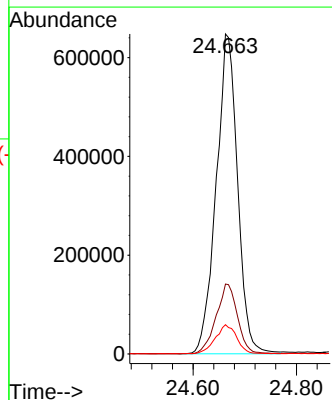
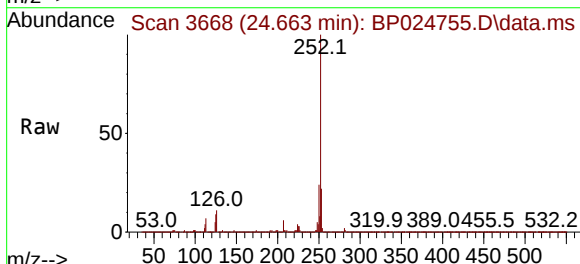
Instrument :
BNA_P
ClientSampleId :
PB168098BS

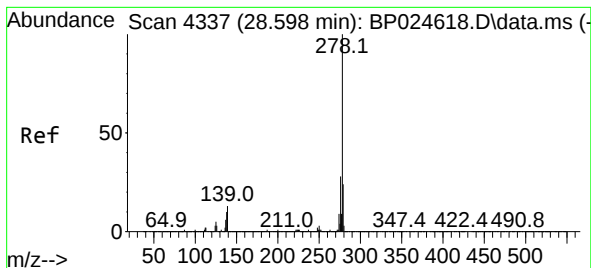
Tgt Ion:252 Resp: 1959499
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 44.753 ng
RT: 24.663 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:252 Resp: 1856955
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.2 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.952 ng

RT: 28.609 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Instrument :

BNA_P

ClientSampleId :

PB168098BS

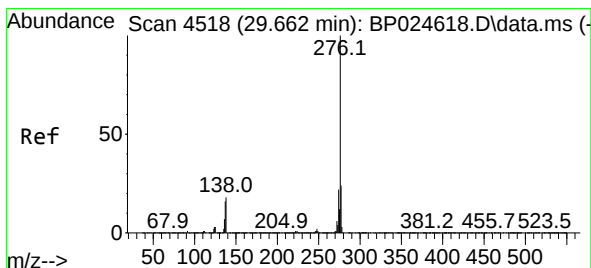
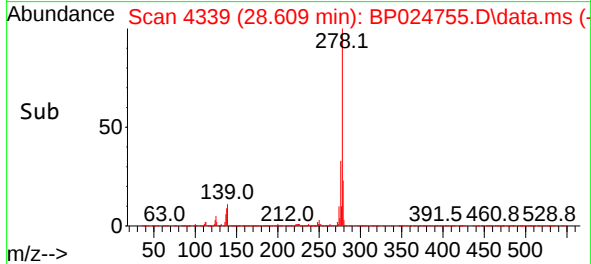
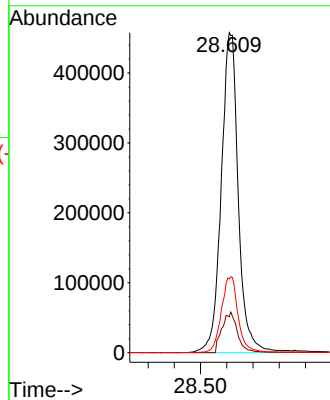
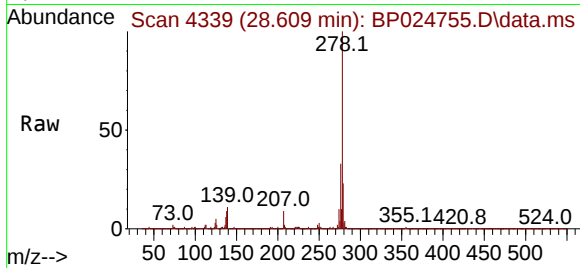
Tgt Ion:278 Resp: 2060035

Ion Ratio Lower Upper

278 100

139 11.2 10.2 15.4

279 23.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.913 ng

RT: 29.703 min Scan# 4525

Delta R.T. 0.041 min

Lab File: BP024755.D

Acq: 22 May 2025 12:18

Tgt Ion:276 Resp: 2002260

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 16.3 14.4 21.6

