

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024992.D
 Acq On : 18 Jun 2025 13:20
 Operator : RC/JU
 Sample : PB168517BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168517BS

Quant Time: Jun 18 14:54:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	272700	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1048580	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	650946	20.000	ng	0.00
64) Phenanthrene-d10	17.072	188	1292108	20.000	ng	0.01
76) Chrysene-d12	21.501	240	1338303	20.000	ng	0.02
86) Perylene-d12	24.783	264	1537396	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2389286	146.249	ng	0.00
7) Phenol-d6	6.813	99	2962601	137.058	ng	0.00
23) Nitrobenzene-d5	8.760	82	1833407	84.963	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	1335435	148.387	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3985147	82.472	ng	0.00
79) Terphenyl-d14	19.789	244	6643071	88.964	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	276967	38.529	ng	99
3) Pyridine	3.561	79	717293	41.491	ng	100
4) n-Nitrosodimethylamine	3.478	42	323903	45.829	ng	95
6) Aniline	6.949	93	1183040	42.887	ng	100
8) 2-Chlorophenol	7.184	128	899642	48.576	ng	99
9) Benzaldehyde	6.766	77	611278	49.063	ng	99
10) Phenol	6.843	94	1069116	47.978	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	806286	46.004	ng	100
12) 1,3-Dichlorobenzene	7.496	146	929525	44.990	ng	99
13) 1,4-Dichlorobenzene	7.637	146	954062	45.766	ng	100
14) 1,2-Dichlorobenzene	7.949	146	910806	44.493	ng	100
15) Benzyl Alcohol	7.855	79	765269	46.130	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1025463	44.703	ng	99
17) 2-Methylphenol	8.072	107	723361	46.486	ng	98
18) Hexachloroethane	8.660	117	357943	45.606	ng	98
19) n-Nitroso-di-n-propyla...	8.408	70	618846	42.114	ng	100
20) 3+4-Methylphenols	8.402	107	979680	46.146	ng	98
22) Acetophenone	8.431	105	1241303	46.855	ng	# 98
24) Nitrobenzene	8.802	77	918383	47.906	ng	99
25) Isophorone	9.325	82	1730814	46.280	ng	99
26) 2-Nitrophenol	9.507	139	477916	50.527	ng	99
27) 2,4-Dimethylphenol	9.584	122	793696	49.030	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	1052208	47.166	ng	98
29) 2,4-Dichlorophenol	10.060	162	797269	51.329	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	813246	46.421	ng	99
31) Naphthalene	10.425	128	2519490	46.887	ng	100
32) Benzoic acid	9.790	122	563798	51.539	ng	97
33) 4-Chloroaniline	10.554	127	1005163	44.648	ng	99
34) Hexachlorobutadiene	10.702	225	498038	47.167	ng	100
35) Caprolactam	11.366	113	296932	51.934	ng	95
36) 4-Chloro-3-methylphenol	11.707	107	900916	50.287	ng	99
37) 2-Methylnaphthalene	12.049	142	1595788	46.817	ng	100
38) 1-Methylnaphthalene	12.266	142	1675871	45.988	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	885738	47.953	ng	99
41) Hexachlorocyclopentadiene	12.390	237	980625	87.042	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	641147	51.687	ng	97

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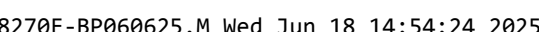
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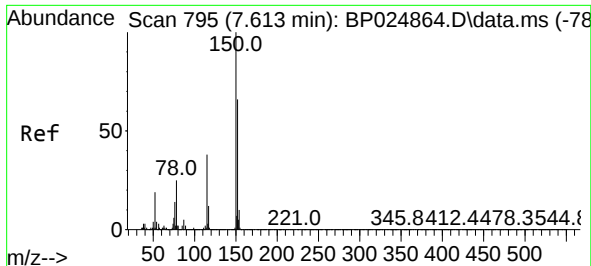
Quant Time: Jun 18 14:54:11 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	697957	52.539	ng	98
46) 1,1'-Biphenyl	13.072	154	2272069	48.029	ng	100
47) 2-Chloronaphthalene	13.113	162	1749765	48.126	ng	100
48) 2-Nitroaniline	13.343	65	590169	52.798	ng	97
49) Acenaphthylene	13.972	152	2921667	48.194	ng	100
50) Dimethylphthalate	13.713	163	2386700	49.703	ng	100
51) 2,6-Dinitrotoluene	13.848	165	533701	51.556	ng	99
52) Acenaphthene	14.319	154	1689171	48.625	ng	99
53) 3-Nitroaniline	14.190	138	513677	47.816	ng	96
54) 2,4-Dinitrophenol	14.413	184	702487	102.531	ng	99
55) Dibenzofuran	14.660	168	2655829	47.628	ng	98
56) 4-Nitrophenol	14.554	139	779689	85.342	ng	98
57) 2,4-Dinitrotoluene	14.654	165	766095	52.905	ng	96
58) Fluorene	15.325	166	2208221	49.022	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	606063	51.061	ng	99
60) Diethylphthalate	15.107	149	2431847	50.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1093111	49.630	ng	96
62) 4-Nitroaniline	15.378	138	551218	56.589	ng	93
63) Azobenzene	15.613	77	2216310	50.496	ng	98
65) 4,6-Dinitro-2-methylph...	15.448	198	449042	52.889	ng	99
66) n-Nitrosodiphenylamine	15.542	169	1974022	49.290	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	716775	49.164	ng	98
68) Hexachlorobenzene	16.360	284	845674	47.848	ng	99
69) Atrazine	16.531	200	756931	52.135	ng	98
70) Pentachlorophenol	16.731	266	1037814	113.456	ng	99
71) Phenanthrene	17.113	178	3519496	49.290	ng	99
72) Anthracene	17.201	178	3612261	49.951	ng	99
73) Carbazole	17.501	167	3439549	51.314	ng	100
74) Di-n-butylphthalate	18.078	149	4306573	51.856	ng	100
75) Fluoranthene	19.201	202	4103526	49.583	ng	100
77) Benzidine	19.401	184	3540696	85.423	ng	100
78) Pyrene	19.578	202	4245163	50.774	ng	100
80) Butylbenzylphthalate	20.525	149	2063043	53.869	ng	98
81) Benzo(a)anthracene	21.483	228	4277958	49.979	ng	100
82) 3,3'-Dichlorobenzidine	21.413	252	1527708	44.957	ng	99
83) Chrysene	21.554	228	4092888	50.465	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2938575	53.554	ng	99
85) Di-n-octyl phthalate	22.654	149	5113773	52.874	ng	99
87) Indeno(1,2,3-cd)pyrene	28.512	276	5538832	49.378	ng	99
88) Benzo(b)fluoranthene	23.807	252	4543262	51.636	ng	99
89) Benzo(k)fluoranthene	23.807	252	4543262	50.728	ng	99
90) Benzo(a)pyrene	24.624	252	4381759	50.995	ng	100
91) Dibenzo(a,h)anthracene	28.571	278	4550884	49.843	ng	99
92) Benzo(g,h,i)perylene	29.665	276	4439895	49.010	ng	98

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

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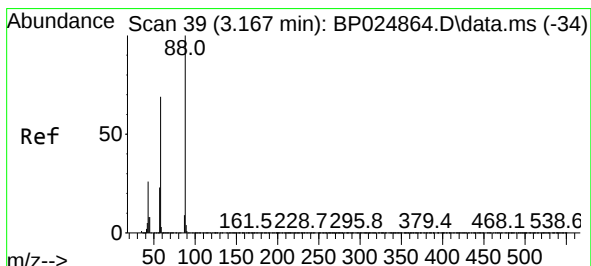
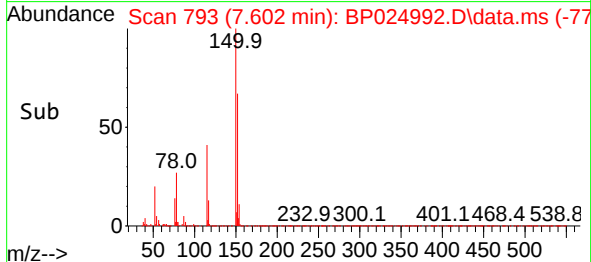
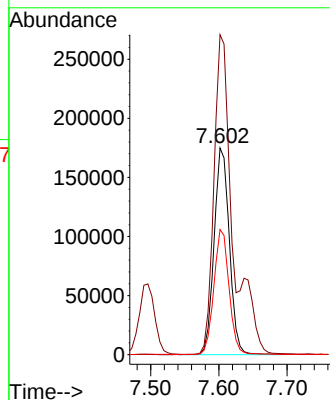
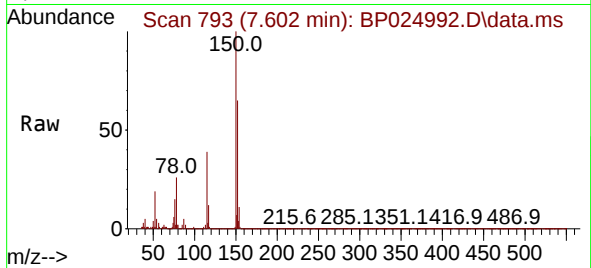




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP024992.D
 Acq: 18 Jun 2025 13:20

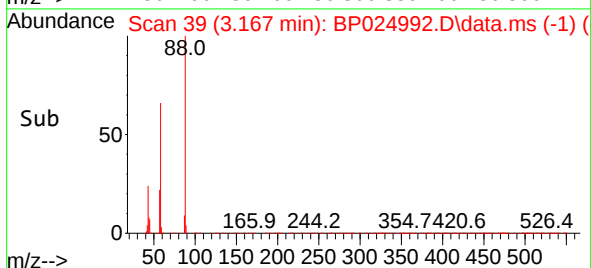
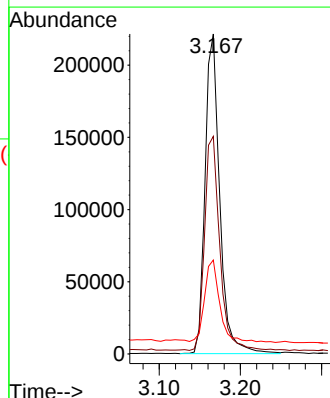
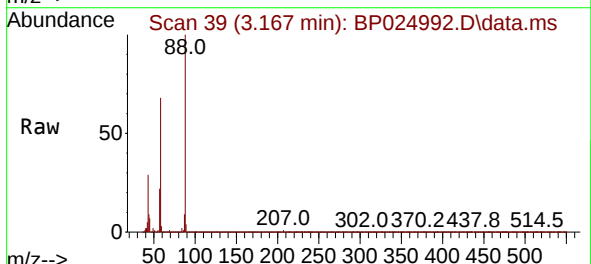
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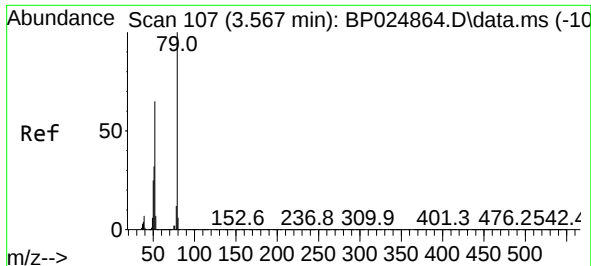
Tgt Ion:152 Resp: 272700
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.1 183.1
 115 60.5 46.4 69.6



#2
 1,4-Dioxane
 Concen: 38.529 ng
 RT: 3.167 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: BP024992.D
 Acq: 18 Jun 2025 13:20

Tgt Ion: 88 Resp: 276967
 Ion Ratio Lower Upper
 88 100
 58 69.4 55.4 83.0
 43 26.9 20.8 31.2

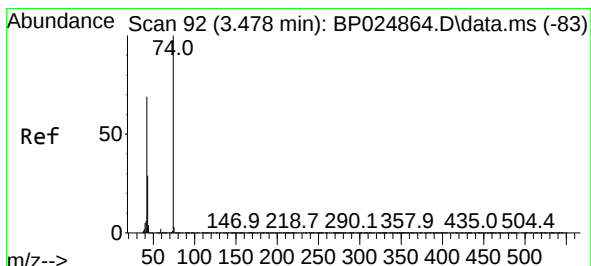
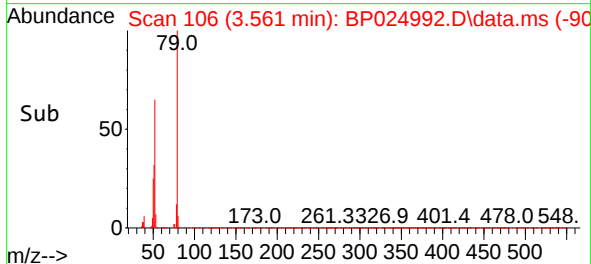
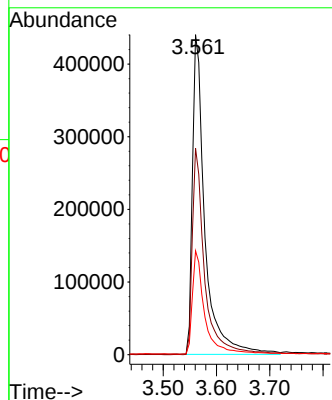
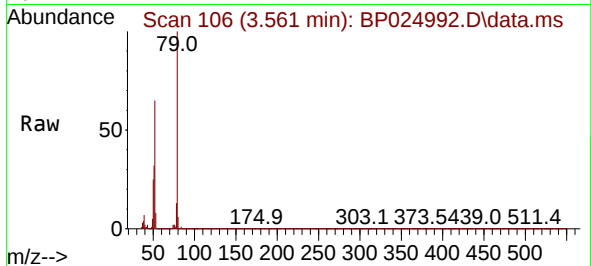




#3
Pyridine
Concen: 41.491 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

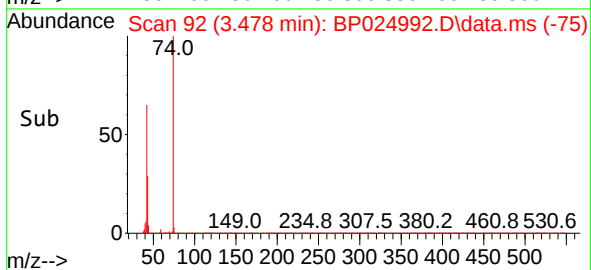
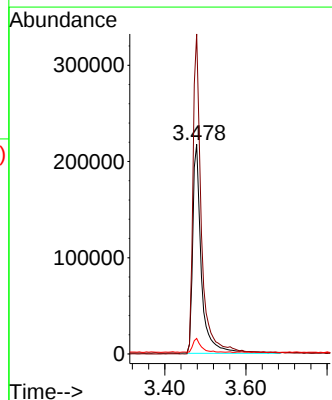
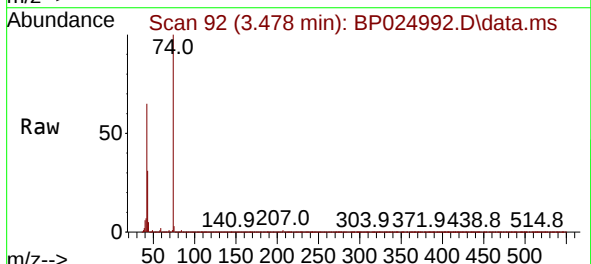
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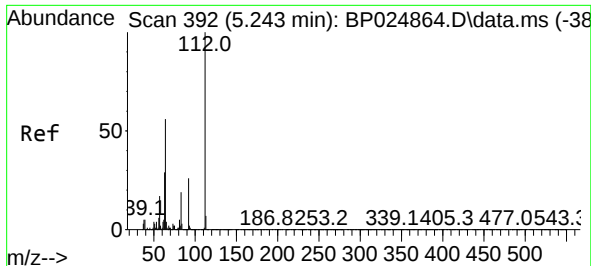
Tgt Ion: 79 Resp: 717293
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 32.4 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 45.829 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 42 Resp: 323903
Ion Ratio Lower Upper
42 100
74 152.7 116.6 174.8
44 7.4 5.4 8.0

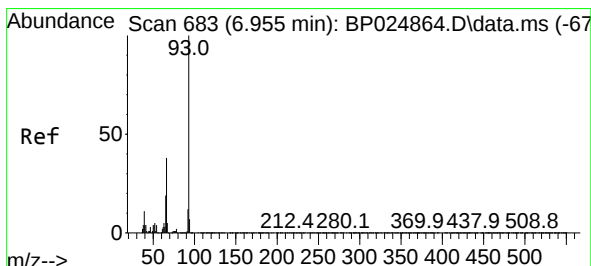
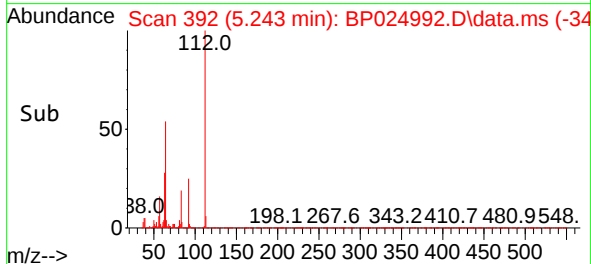
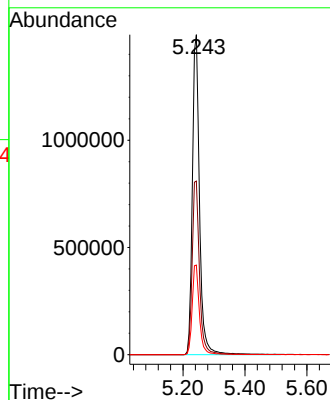
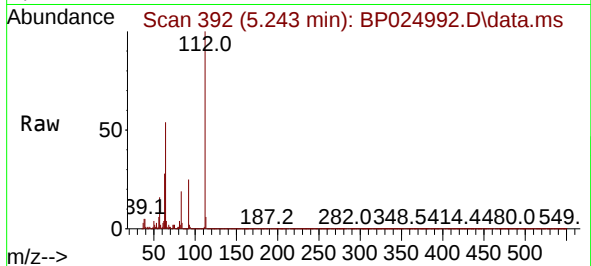




#5
2-Fluorophenol
Concen: 146.249 ng
RT: 5.243 min Scan# 391
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

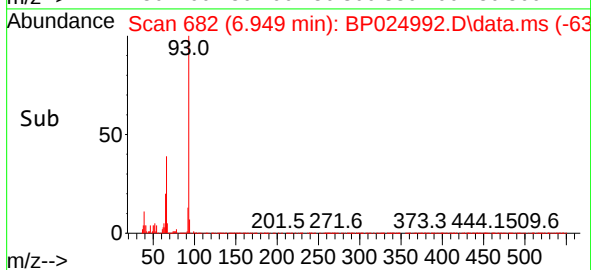
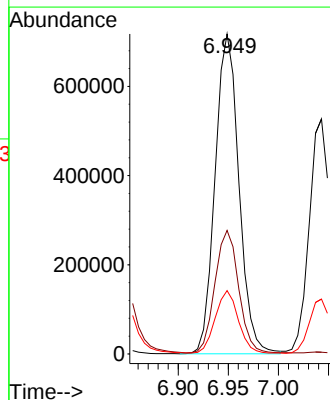
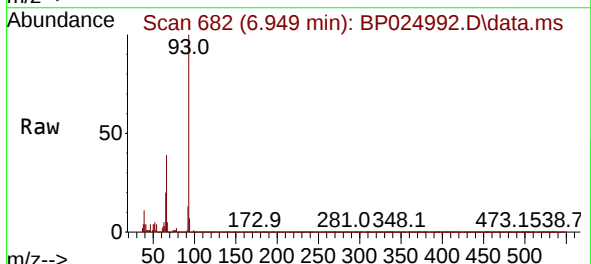
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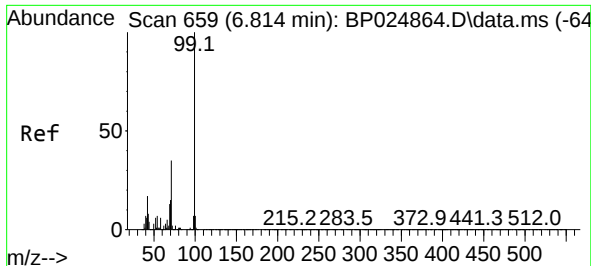
Tgt Ion:112 Resp: 2389286
Ion Ratio Lower Upper
112 100
64 54.2 44.7 67.1
63 28.0 23.5 35.3



#6
Aniline
Concen: 42.887 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 93 Resp: 1183040
Ion Ratio Lower Upper
93 100
66 38.6 30.9 46.3
65 19.8 15.5 23.3

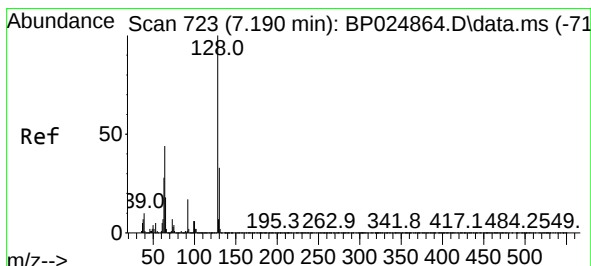
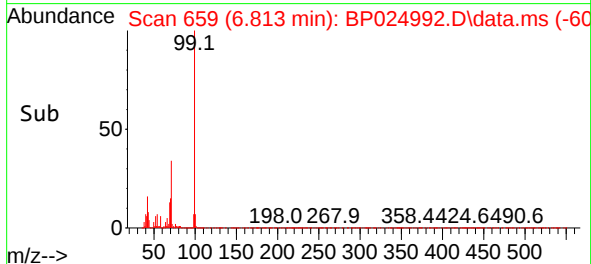
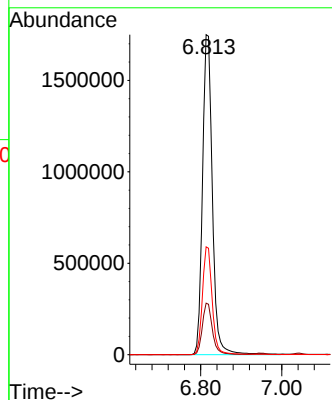
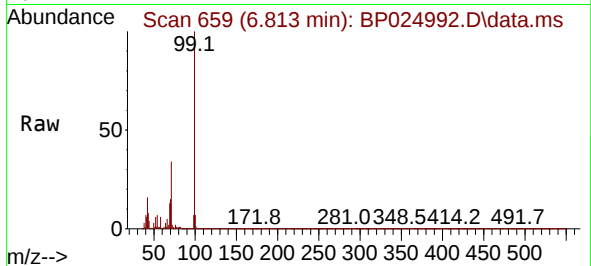




#7
Phenol-d6
Concen: 137.058 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

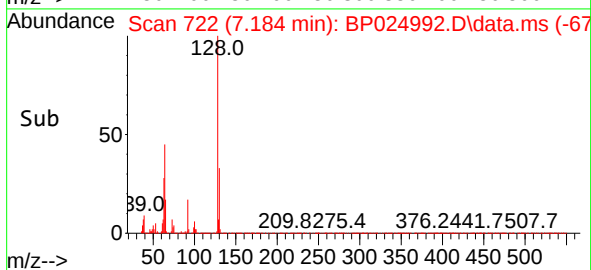
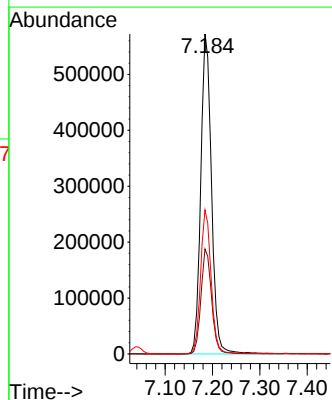
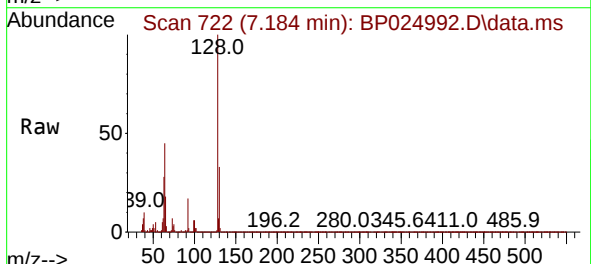
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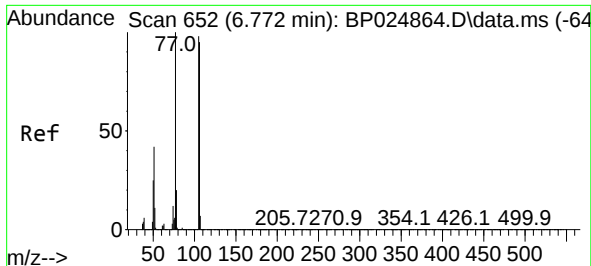
Tgt Ion: 99 Resp: 2962601
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.7 27.6 41.4



#8
2-Chlorophenol
Concen: 48.576 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 128 Resp: 899642
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 45.0 24.1 64.1

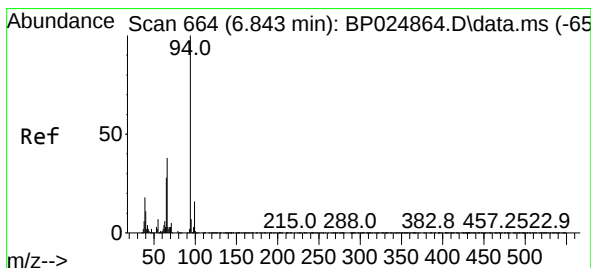
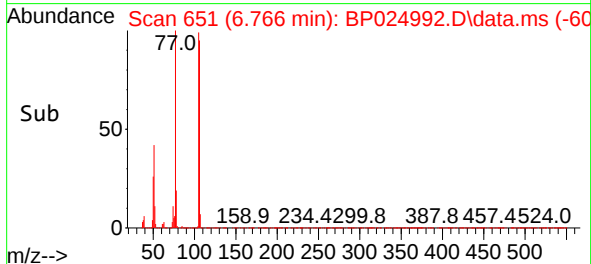
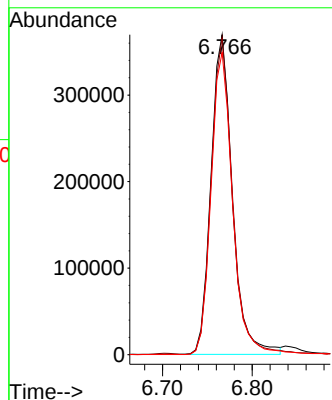
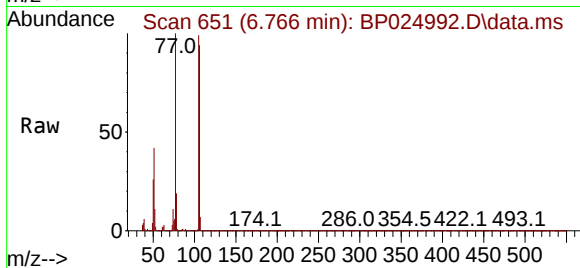




#9
Benzaldehyde
Concen: 49.063 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

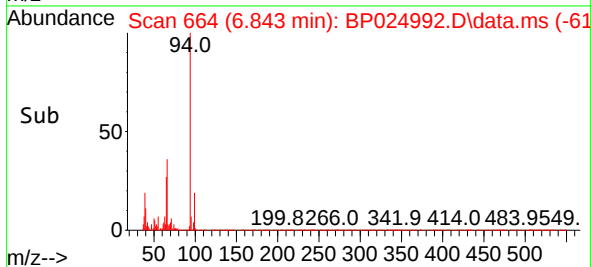
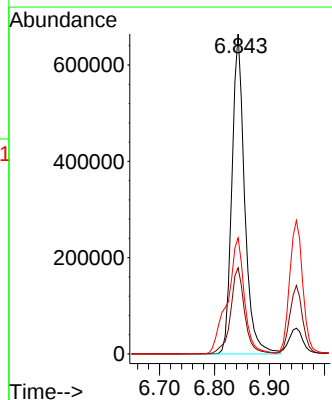
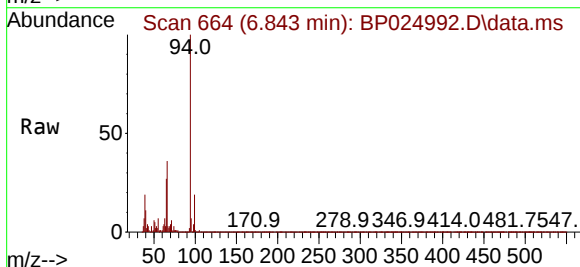
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ClientSampleId :
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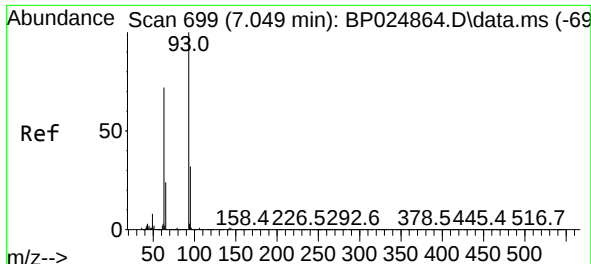
Tgt Ion: 77 Resp: 611278
Ion Ratio Lower Upper
77 100
105 99.1 77.7 117.7
106 94.4 74.8 114.8



#10
Phenol
Concen: 47.978 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 94 Resp: 1069116
Ion Ratio Lower Upper
94 100
65 26.9 8.3 48.3
66 36.3 18.2 58.2

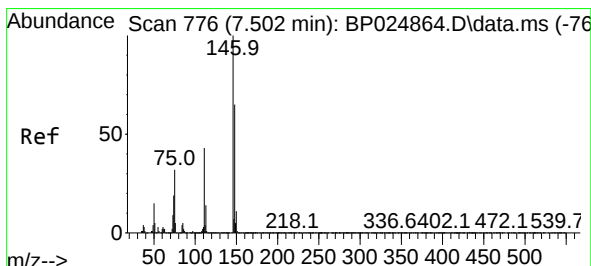
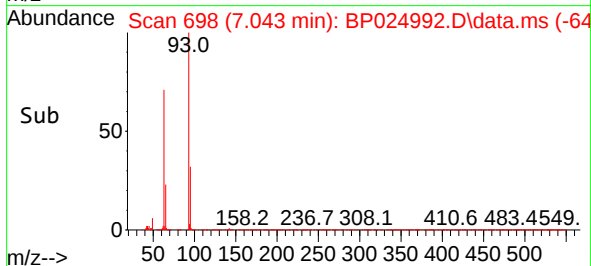
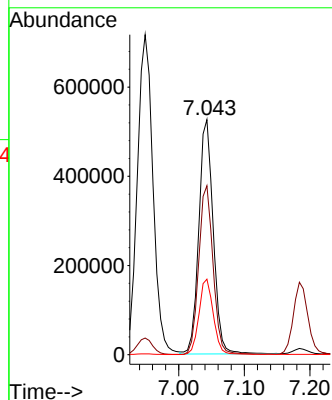
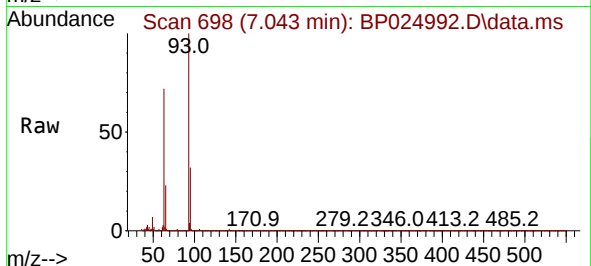




#11
bis(2-Chloroethyl)ether
Concen: 46.004 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

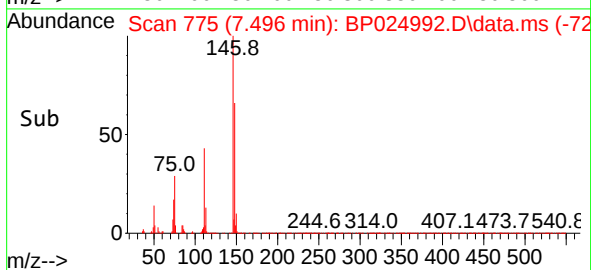
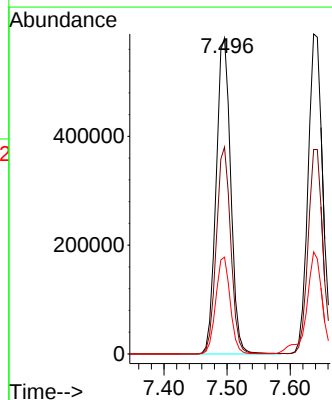
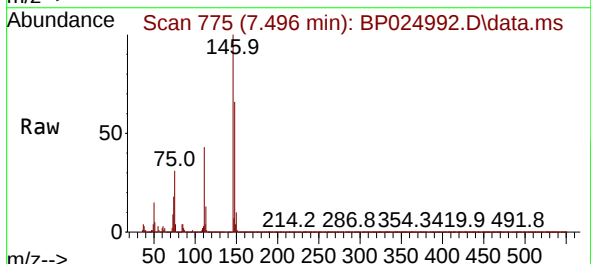
Instrument :
BNA_P
ClientSampleId :
PB168517BS

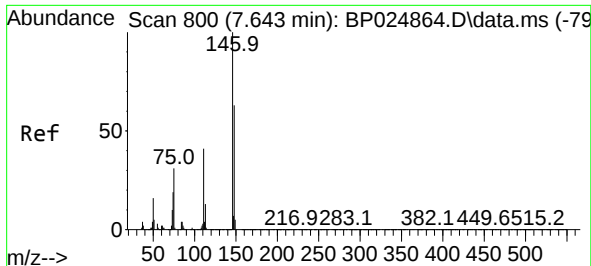
Tgt Ion: 93 Resp: 806286
Ion Ratio Lower Upper
93 100
63 71.9 51.6 91.6
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.990 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 146 Resp: 929525
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
75 30.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 45.766 ng

RT: 7.637 min Scan# 74

Delta R.T. -0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

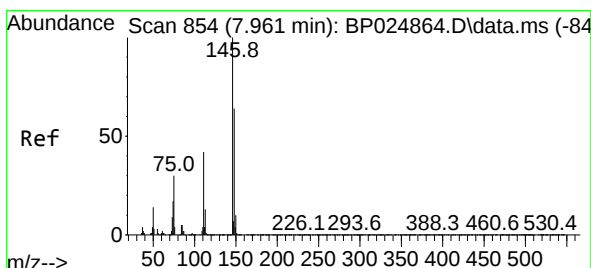
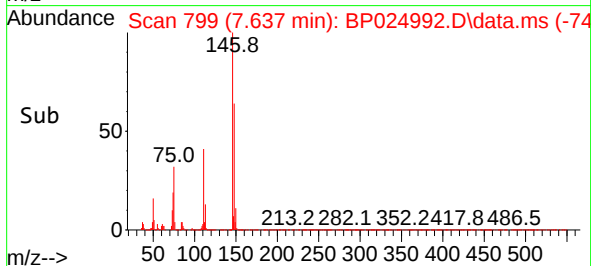
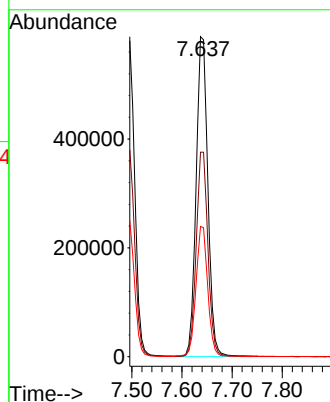
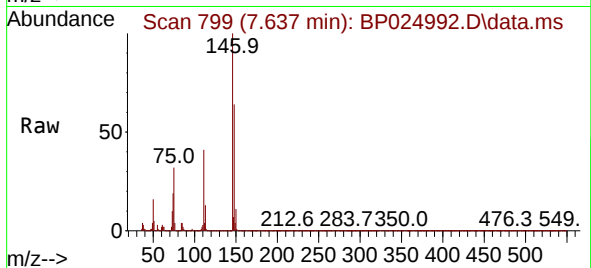
Tgt Ion:146 Resp: 954062

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 40.7 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 44.493 ng

RT: 7.949 min Scan# 852

Delta R.T. -0.012 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

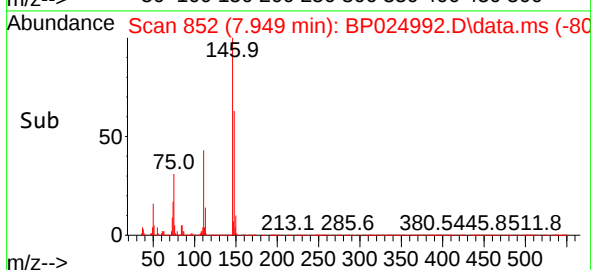
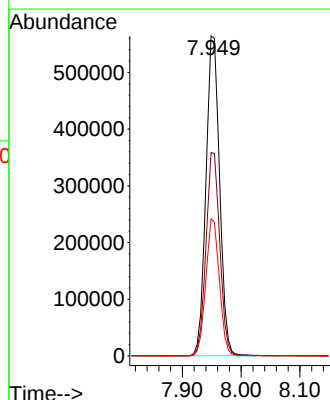
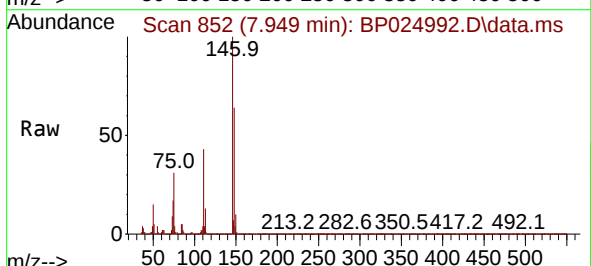
Tgt Ion:146 Resp: 910806

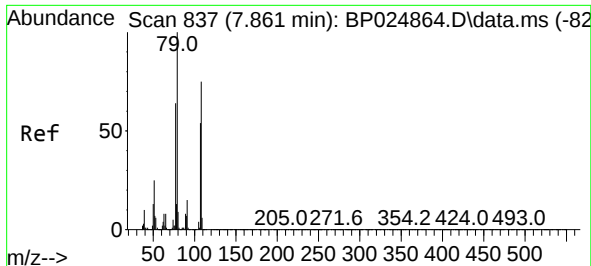
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

111 42.8 33.8 50.8

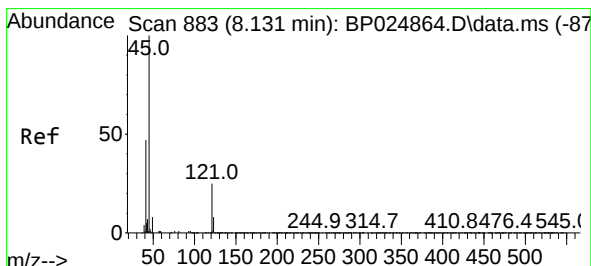
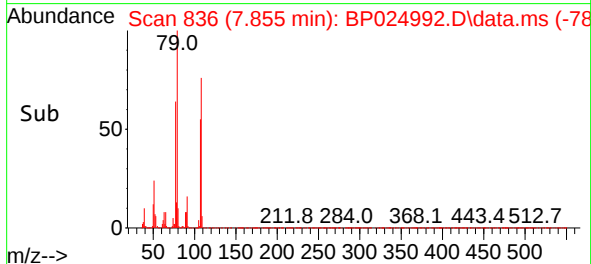
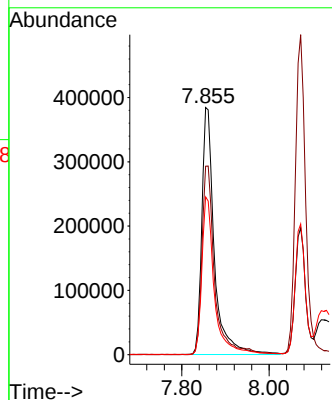
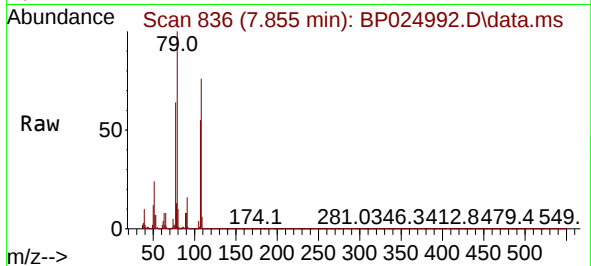




#15
Benzyl Alcohol
Concen: 46.130 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

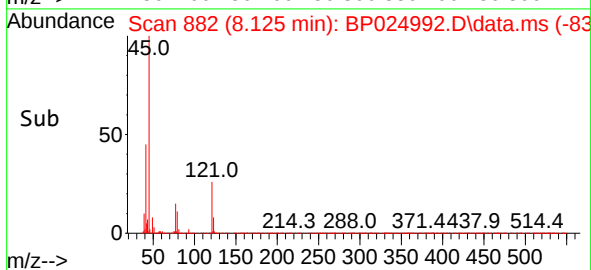
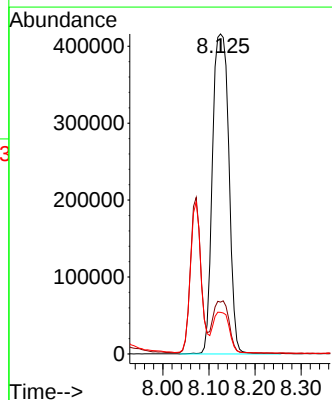
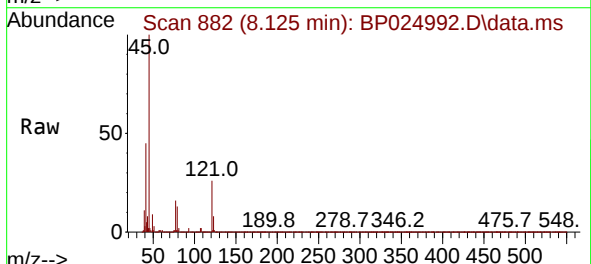
Instrument :
BNA_P
ClientSampleId :
PB168517BS

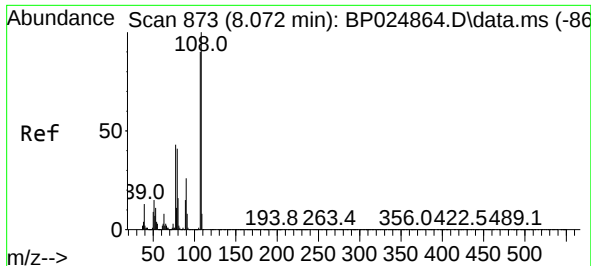
Tgt Ion: 79 Resp: 765269
Ion Ratio Lower Upper
79 100
108 76.2 60.2 90.4
77 63.8 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.703 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 45 Resp: 1025463
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.3
79 13.0 0.0 32.2

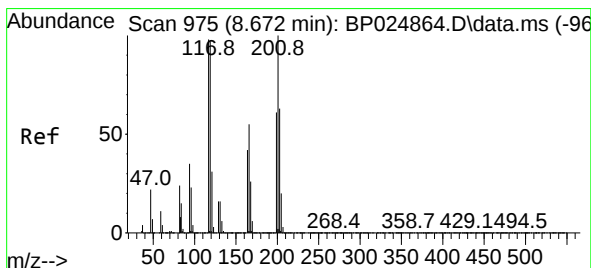
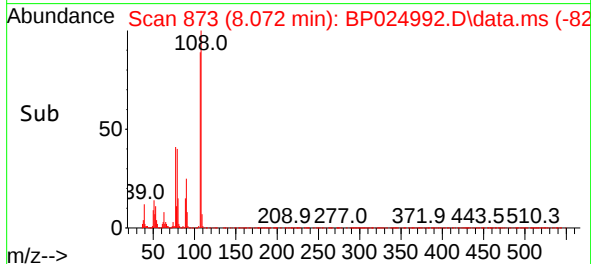
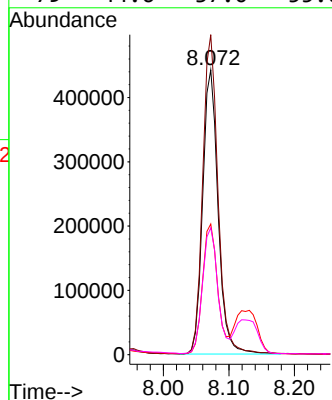
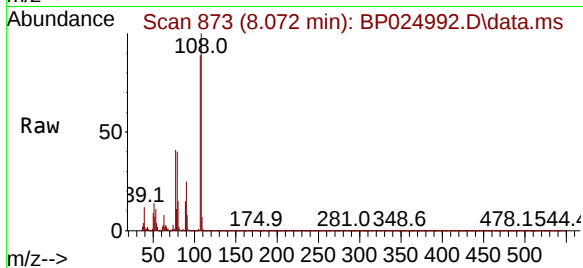




#17
2-Methylphenol
Concen: 46.486 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

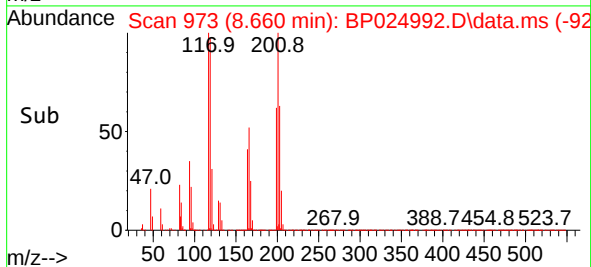
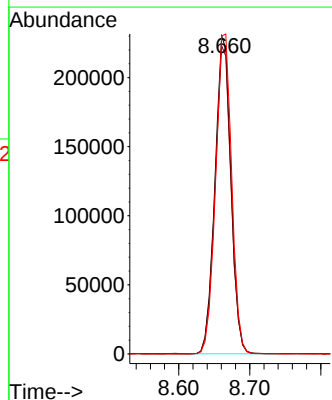
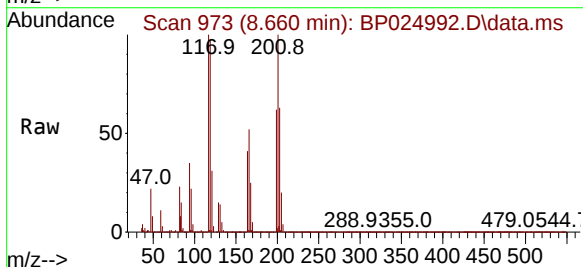
Instrument :
BNA_P
ClientSampleId :
PB168517BS

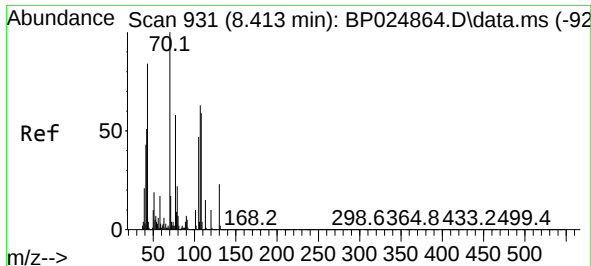
Tgt Ion:	107	Resp:	723361
Ion	Ratio	Lower	Upper
107	100		
108	112.4	88.6	132.8
77	45.9	38.5	57.7
79	44.6	37.0	55.6



#18
Hexachloroethane
Concen: 45.606 ng
RT: 8.660 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:	117	Resp:	357943
Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.2
201	99.9	81.4	122.2

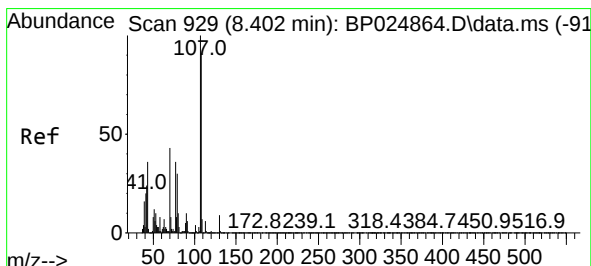
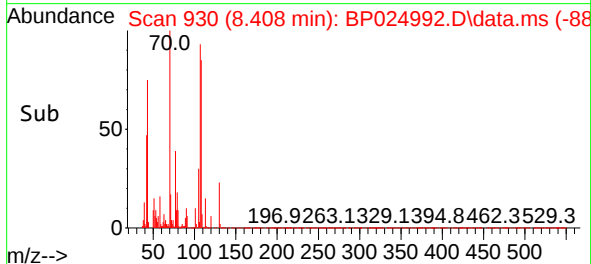
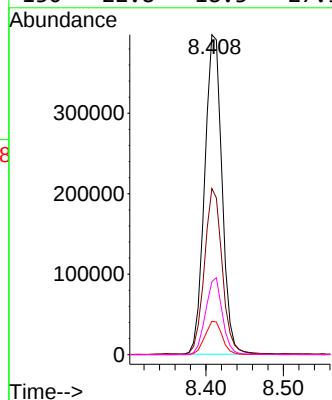
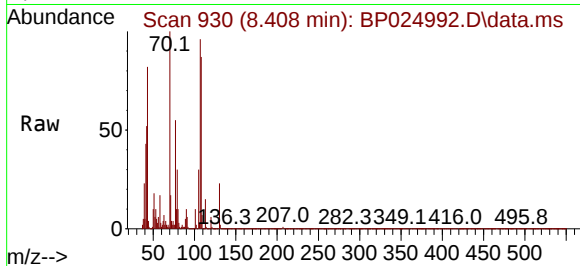




#19
n-Nitroso-di-n-propylamine
Concen: 42.114 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

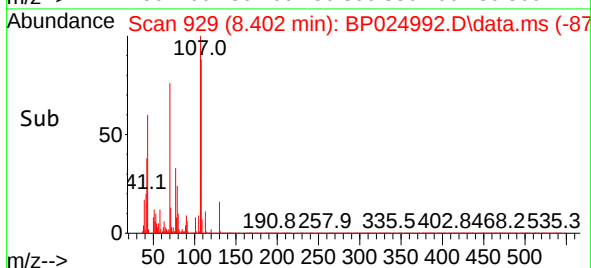
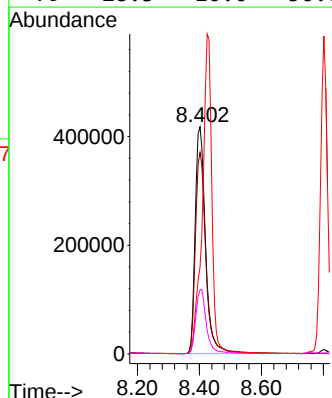
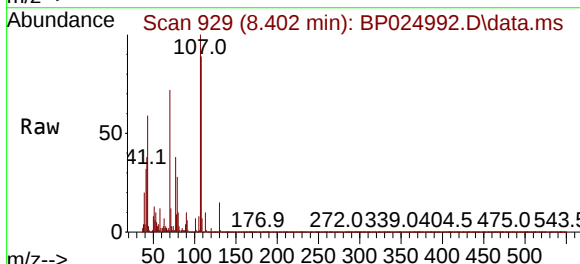
Instrument :
BNA_P
ClientSampleId :
PB168517BS

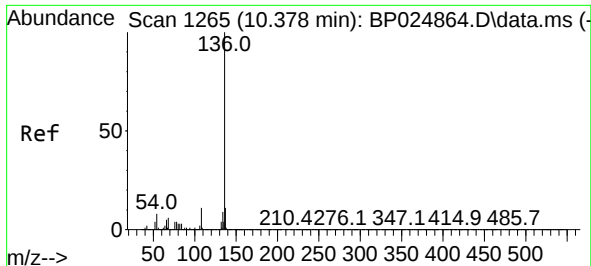
Tgt Ion:	70	Resp:	618846
Ion	Ratio	Lower	Upper
70	100		
42	51.9	41.2	61.8
101	10.4	8.3	12.5
130	22.8	18.3	27.5



#20
3+4-Methylphenols
Concen: 46.146 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:	107	Resp:	979680
Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.7	110.7
77	38.2	16.6	56.6
79	28.3	10.0	50.0

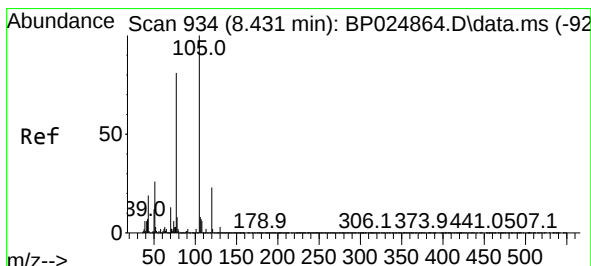
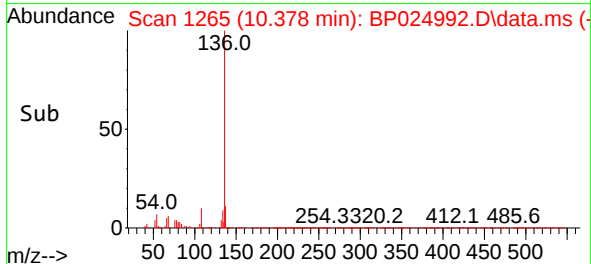
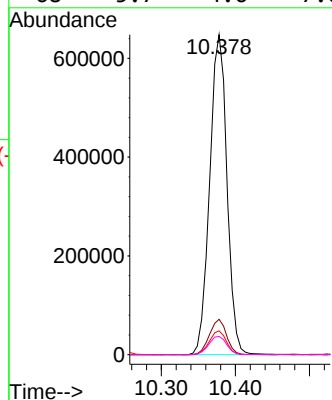
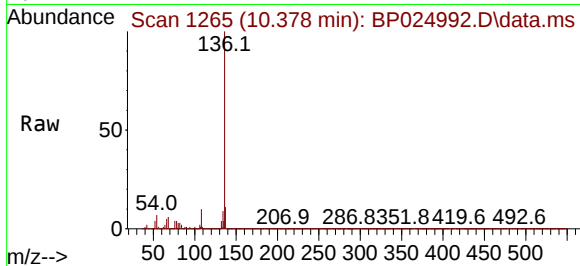




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

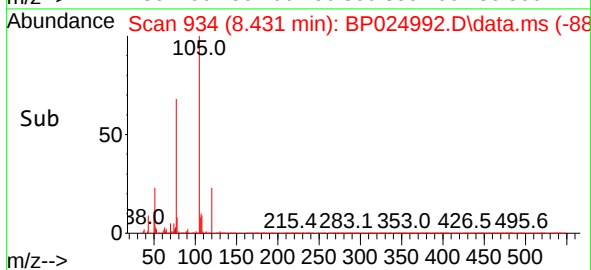
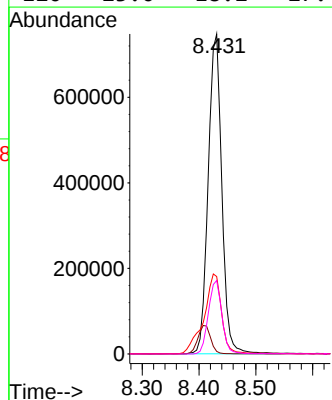
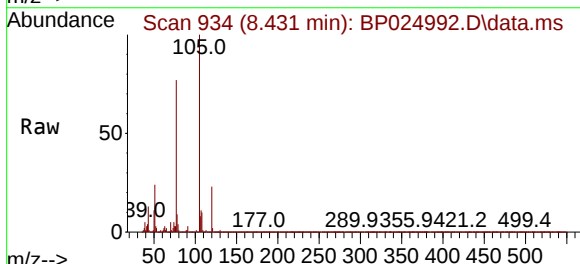
Instrument :
BNA_P
ClientSampleId :
PB168517BS

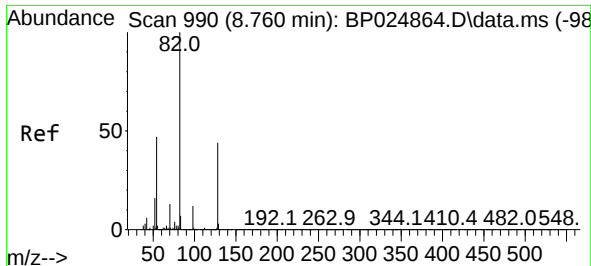
Tgt Ion:136 Resp: 1048580
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.1 9.1
68 5.7 4.6 7.0



#22
Acetophenone
Concen: 46.855 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:105 Resp: 1241303
Ion Ratio Lower Upper
105 100
71 0.8 1.6 2.4#
51 24.2 20.6 31.0
120 23.0 18.2 27.4

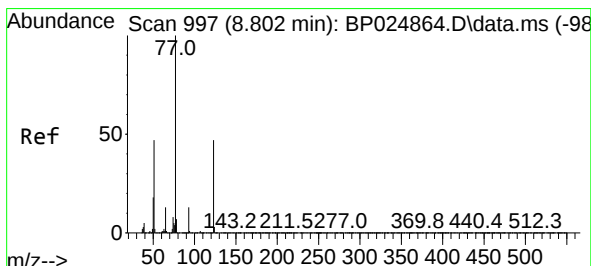
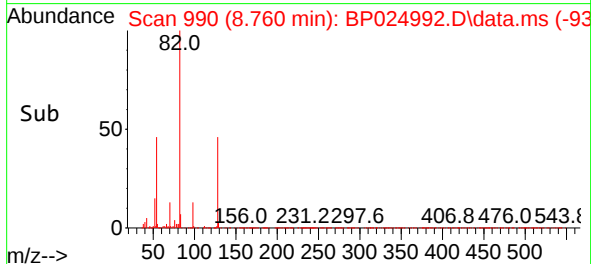
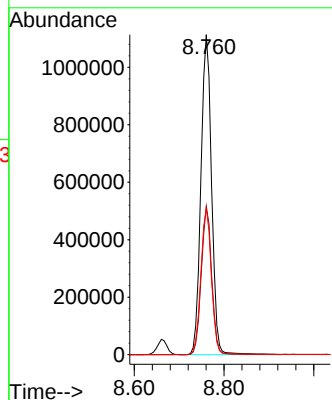
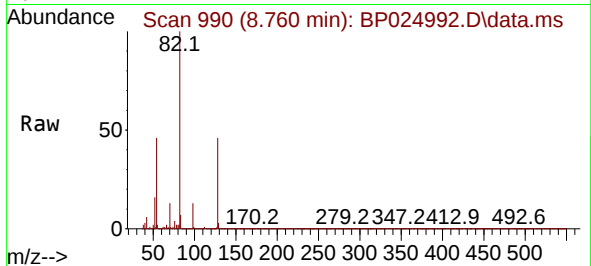




#23
Nitrobenzene-d5
Concen: 84.963 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

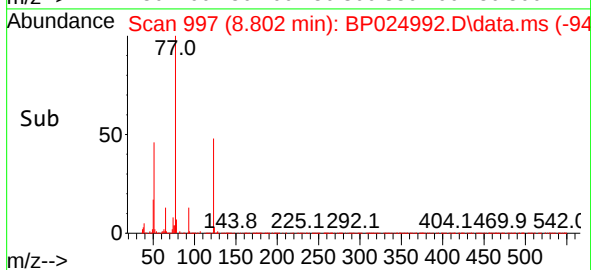
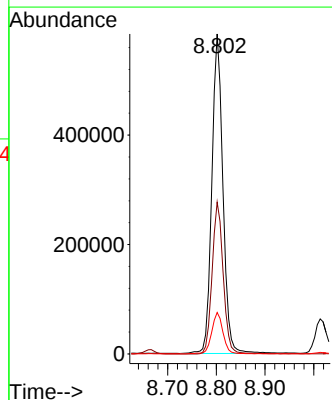
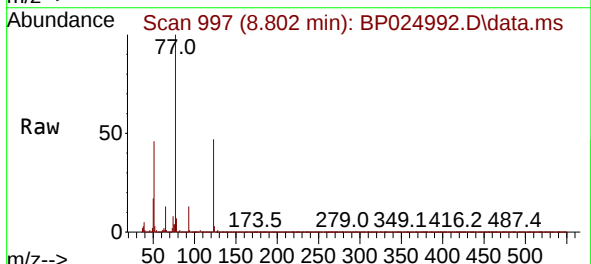
Instrument :
BNA_P
ClientSampleId :
PB168517BS

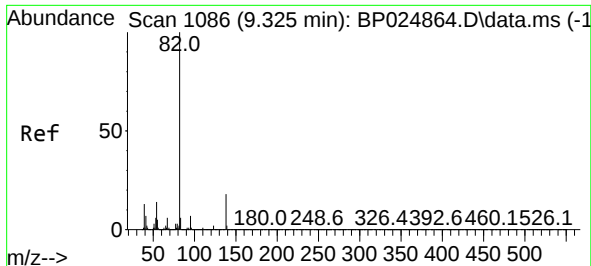
Tgt Ion: 82 Resp: 1833407
Ion Ratio Lower Upper
82 100
128 46.4 35.3 52.9
54 45.7 37.4 56.0



#24
Nitrobenzene
Concen: 47.906 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 77 Resp: 918383
Ion Ratio Lower Upper
77 100
123 47.5 37.3 55.9
65 12.9 10.8 16.2

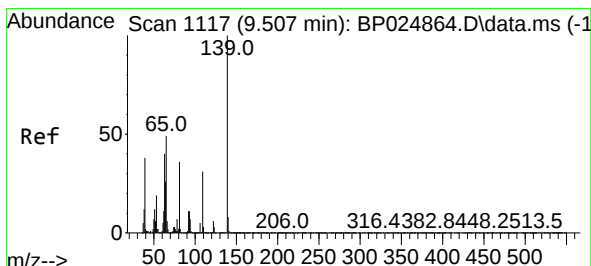
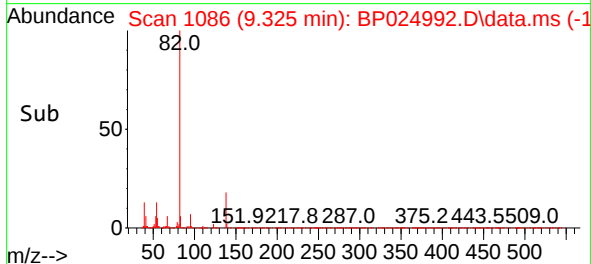
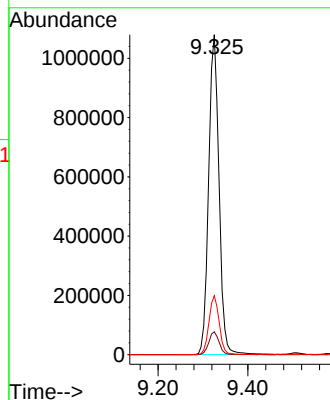
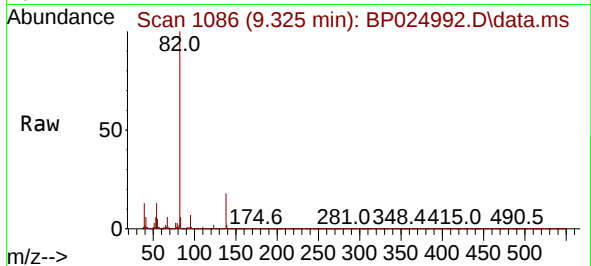




#25
Isophorone
Concen: 46.280 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

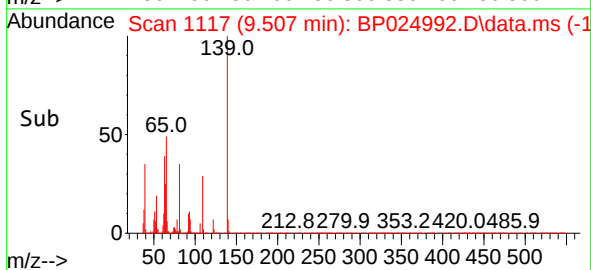
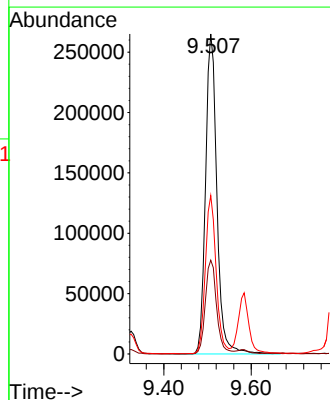
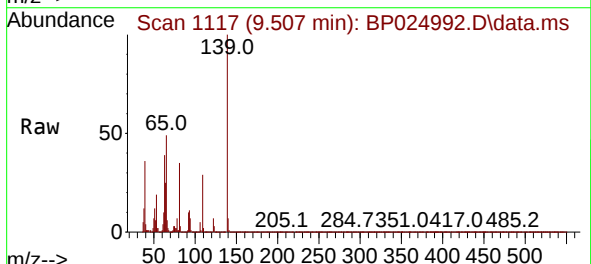
Instrument :
BNA_P
ClientSampleId :
PB168517BS

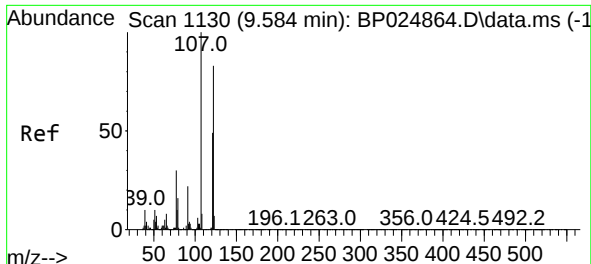
Tgt Ion: 82 Resp: 1730814
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 50.527 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 139 Resp: 477916
Ion Ratio Lower Upper
139 100
109 29.3 24.6 37.0
65 49.5 39.5 59.3

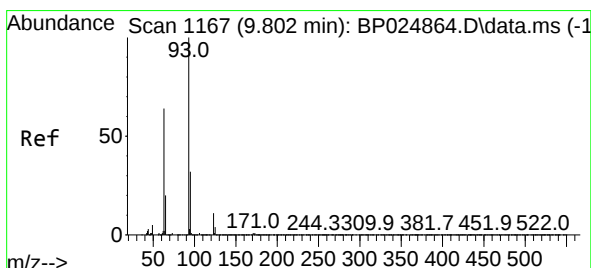
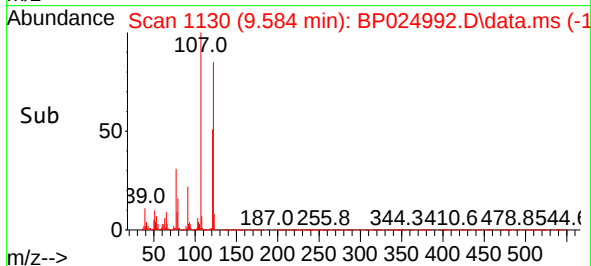
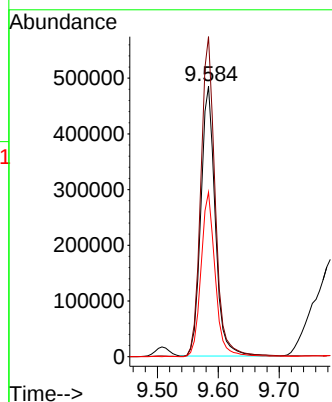
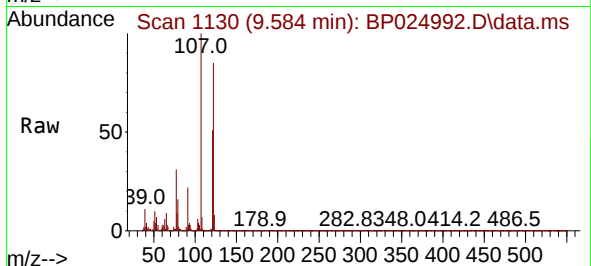




#27
2,4-Dimethylphenol
Concen: 49.030 ng
RT: 9.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

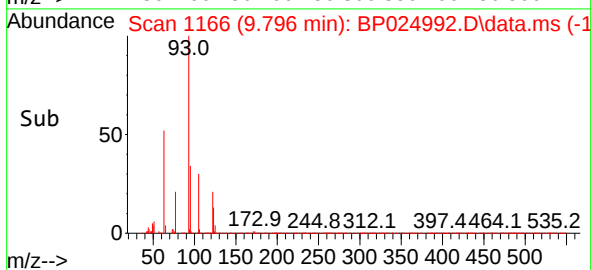
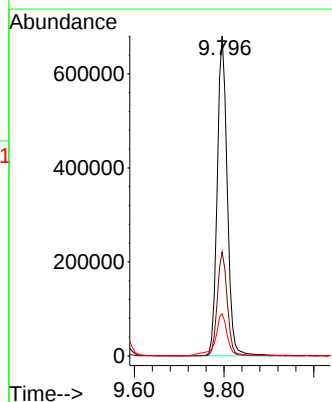
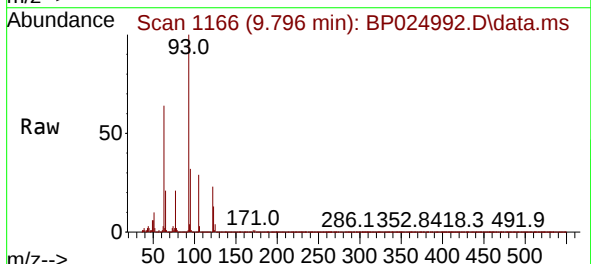
Instrument :
BNA_P
ClientSampleId :
PB168517BS

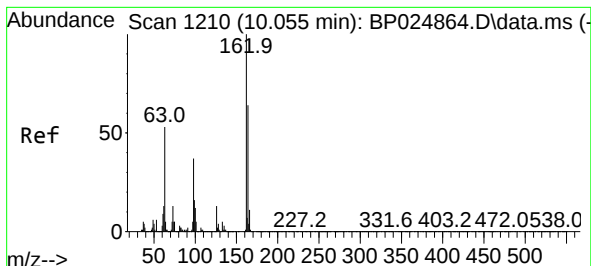
Tgt Ion:122 Resp: 793696
Ion Ratio Lower Upper
122 100
107 118.3 96.2 144.4
121 60.8 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.166 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 93 Resp: 1052208
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 13.1 9.2 13.8

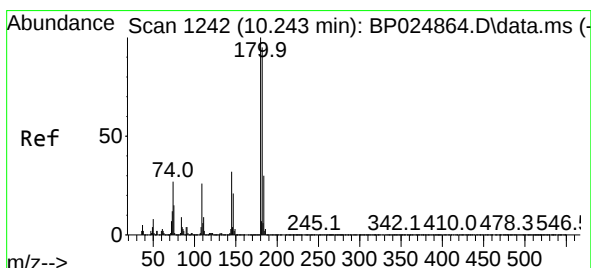
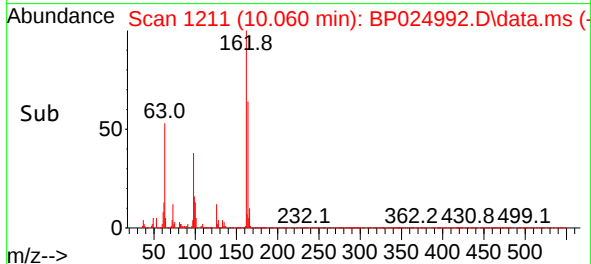
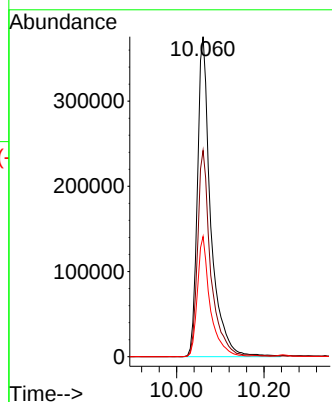
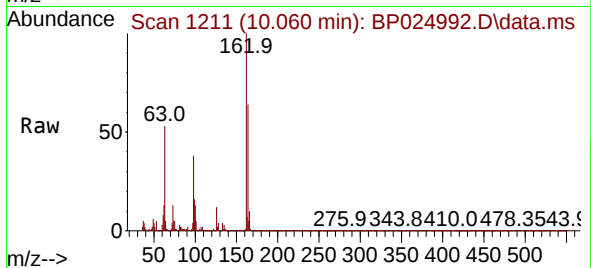




#29
2,4-Dichlorophenol
Concen: 51.329 ng
RT: 10.060 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

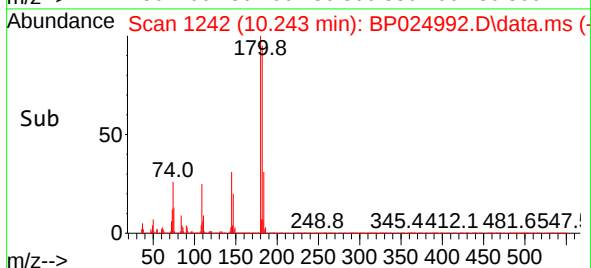
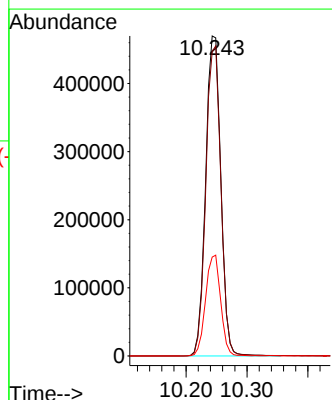
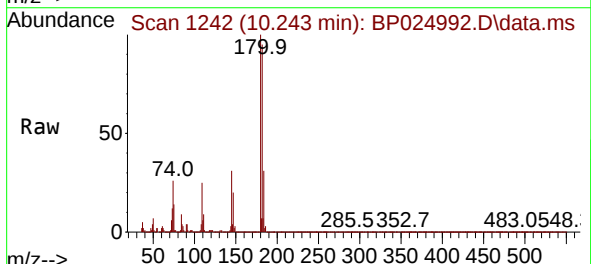
Instrument :
BNA_P
ClientSampleId :
PB168517BS

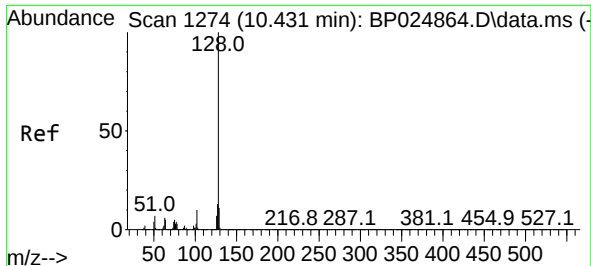
Tgt Ion:162 Resp: 797269
Ion Ratio Lower Upper
162 100
164 64.5 44.0 84.0
98 37.5 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 46.421 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:180 Resp: 813246
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
145 30.9 25.7 38.5

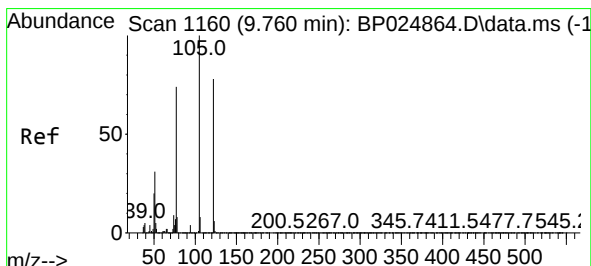
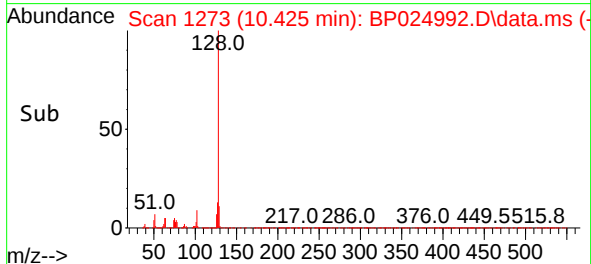
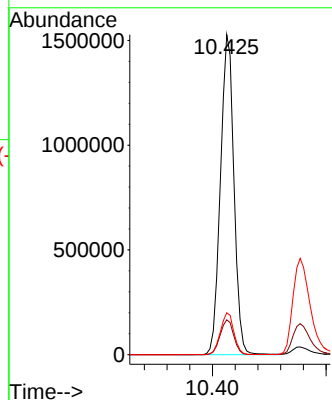
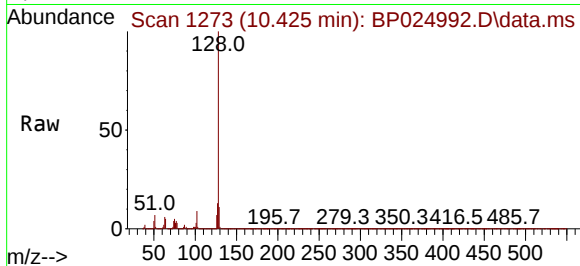




#31
Naphthalene
Concen: 46.887 ng
RT: 10.425 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

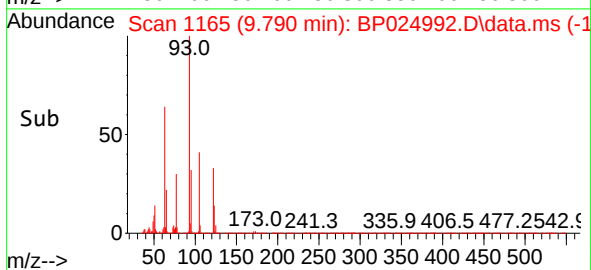
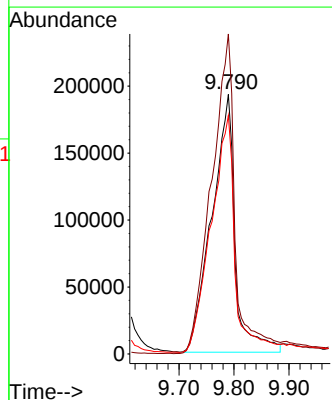
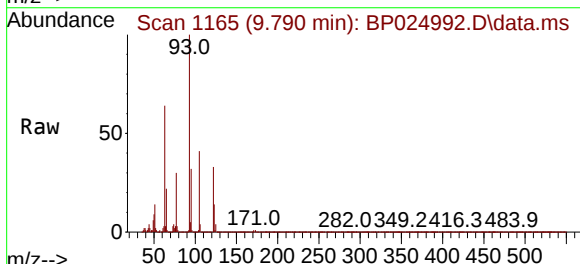
Instrument :
BNA_P
ClientSampleId :
PB168517BS

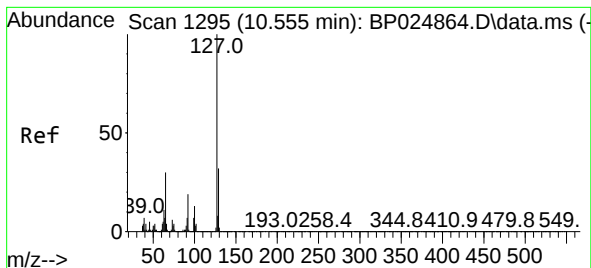
Tgt Ion:128 Resp: 2519490
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 51.539 ng
RT: 9.790 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:122 Resp: 563798
Ion Ratio Lower Upper
122 100
105 123.3 107.1 147.1
77 91.8 75.1 115.1





#33

4-Chloroaniline

Concen: 44.648 ng

RT: 10.554 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

Tgt Ion:127 Resp: 1005163

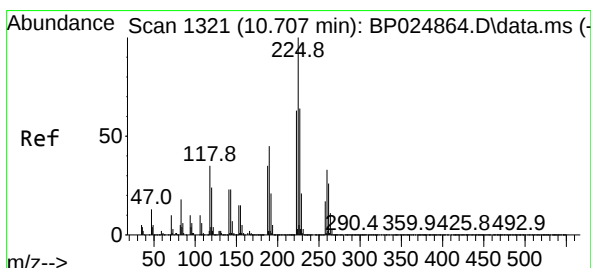
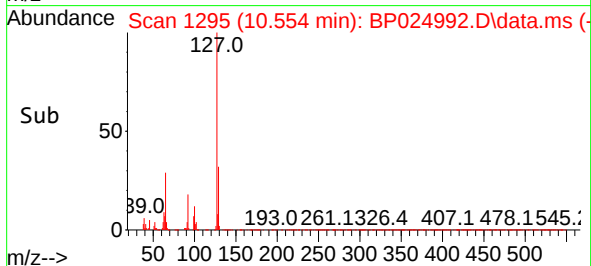
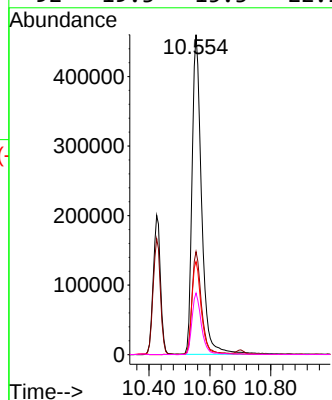
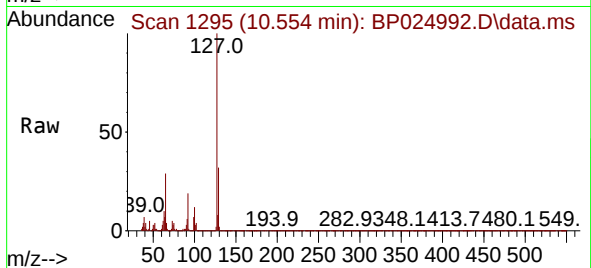
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 29.1 23.9 35.9

92 19.3 15.3 22.9



#34

Hexachlorobutadiene

Concen: 47.167 ng

RT: 10.702 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

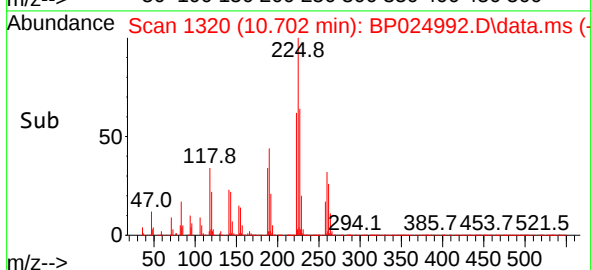
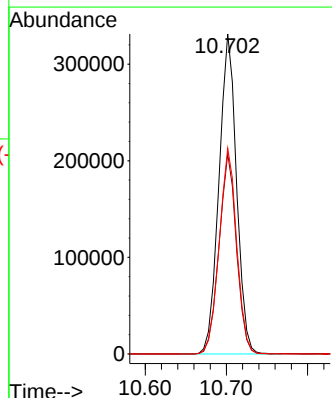
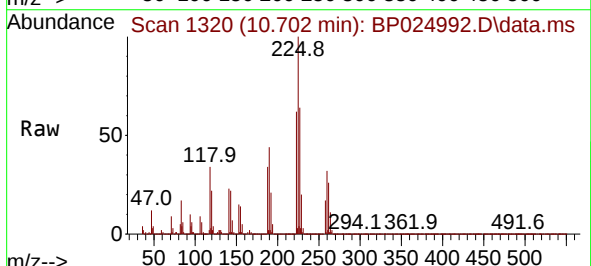
Tgt Ion:225 Resp: 498038

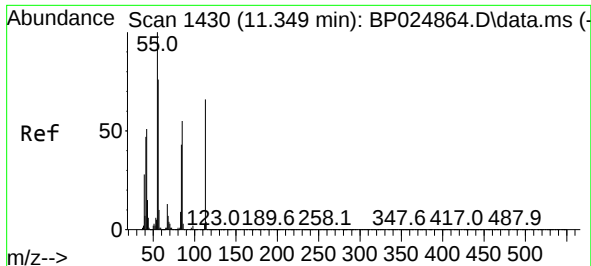
Ion Ratio Lower Upper

225 100

223 62.5 50.5 75.7

227 64.3 51.4 77.2

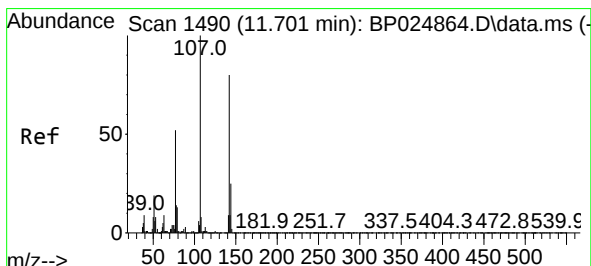
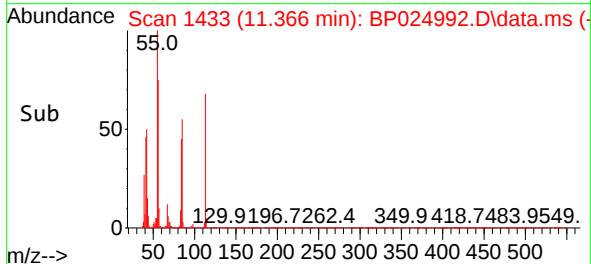
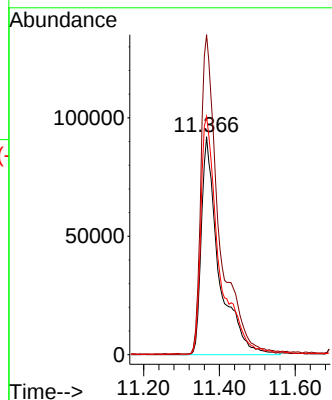
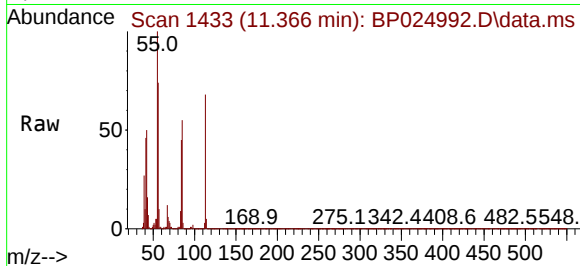




#35
Caprolactam
Concen: 51.934 ng
RT: 11.366 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

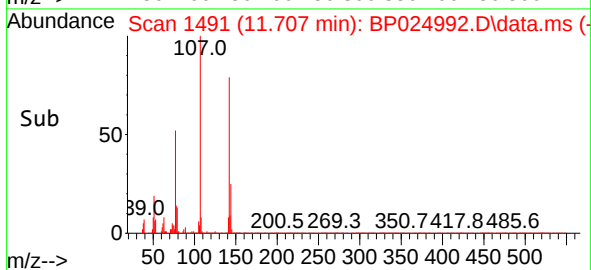
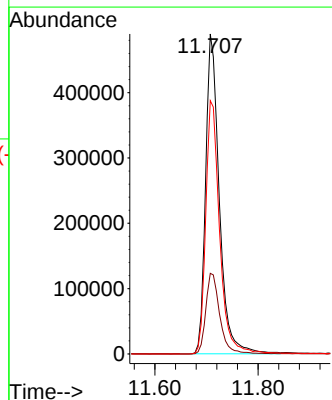
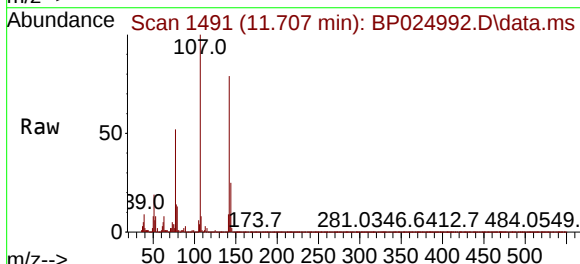
Instrument :
BNA_P
ClientSampleId :
PB168517BS

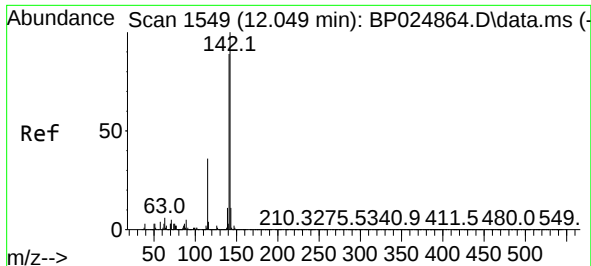
Tgt Ion:113 Resp: 296932
Ion Ratio Lower Upper
113 100
55 146.8 132.5 172.5
56 109.3 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 50.287 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:107 Resp: 900916
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 79.1 63.8 95.6

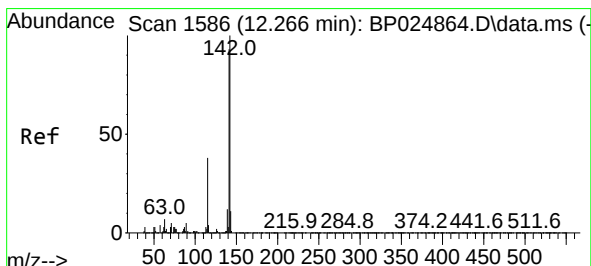
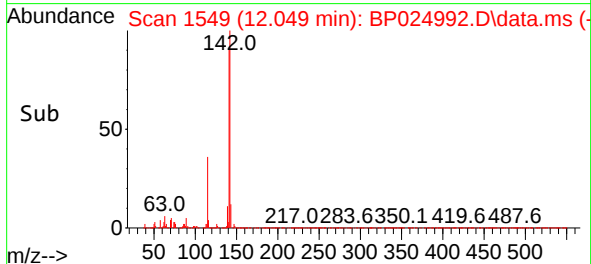
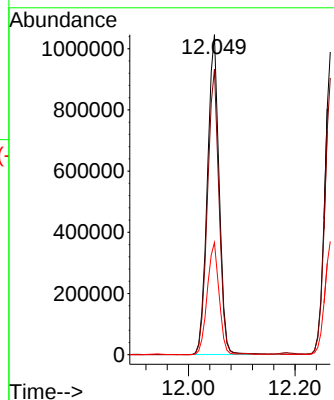
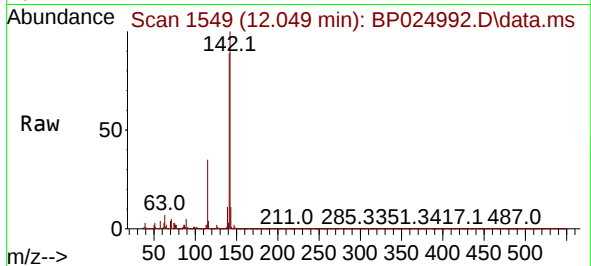




#37
2-Methylnaphthalene
Concen: 46.817 ng
RT: 12.049 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

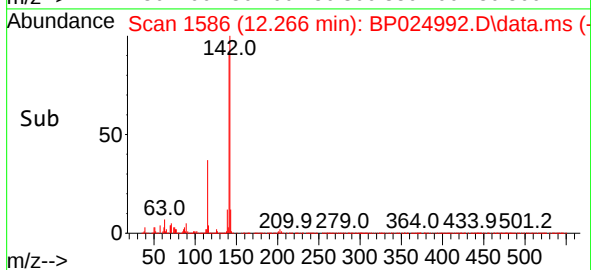
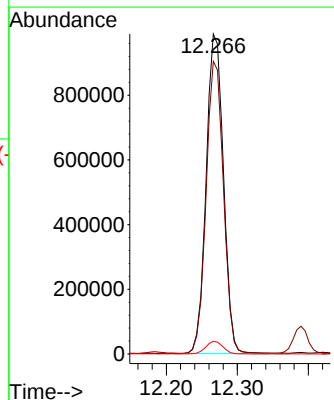
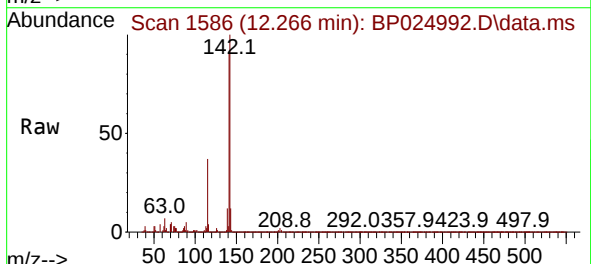
Instrument :
BNA_P
ClientSampleId :
PB168517BS

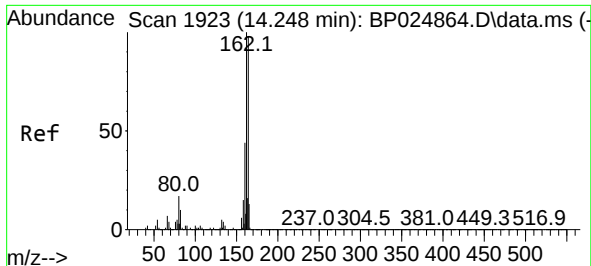
Tgt Ion:142 Resp: 1595788
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8
115 35.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 45.988 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:142 Resp: 1675871
Ion Ratio Lower Upper
142 100
141 91.4 74.7 112.1
116 3.9 3.4 5.0

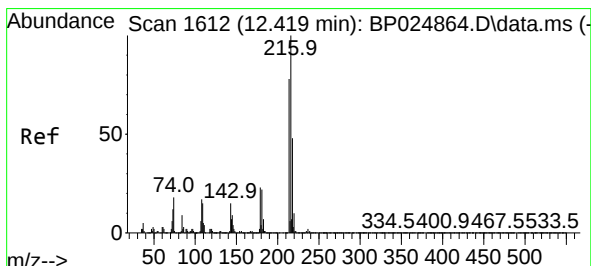
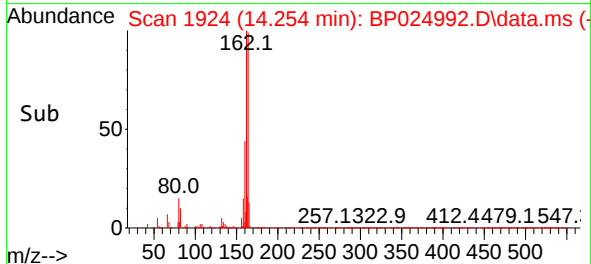
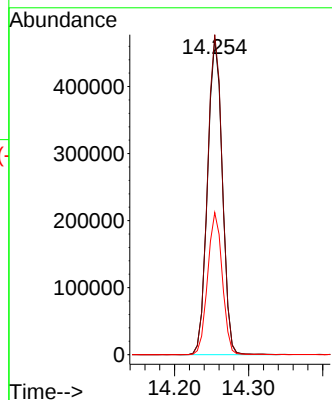
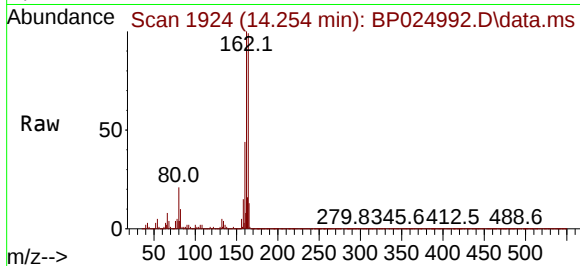




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

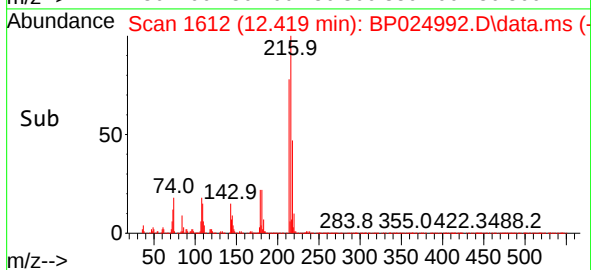
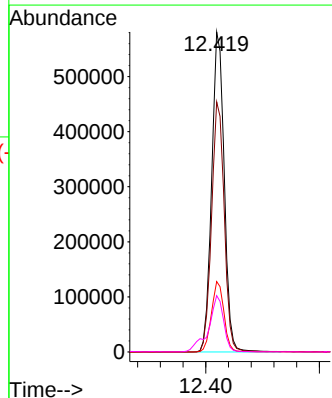
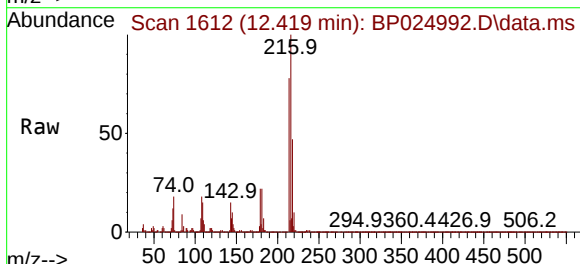
Instrument :
BNA_P
ClientSampleId :
PB168517BS

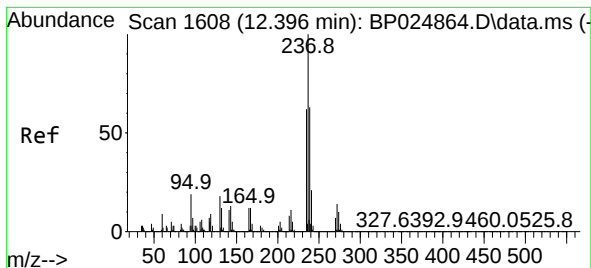
Tgt Ion:164 Resp: 650946
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.953 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:216 Resp: 885738
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 22.0 17.8 26.6
108 21.1 15.9 23.9

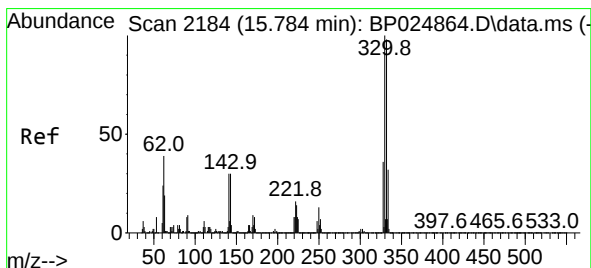
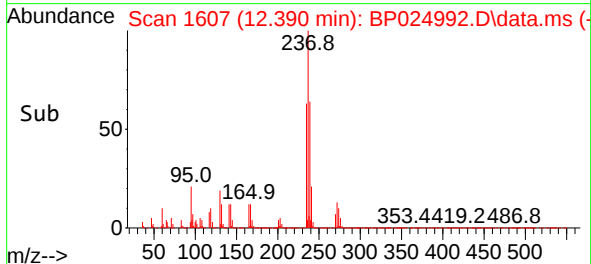
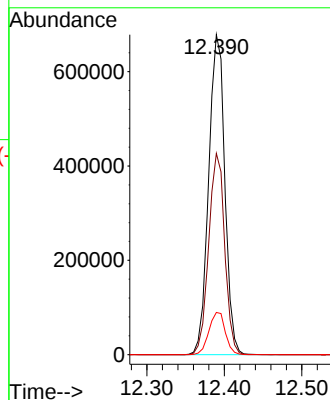
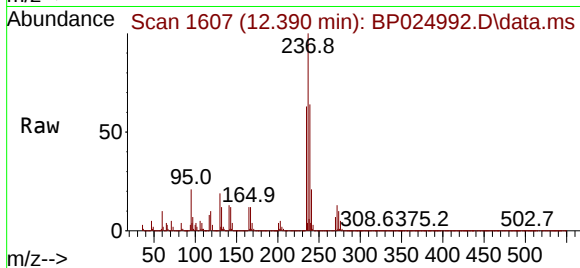




#41
Hexachlorocyclopentadiene
Concen: 87.042 ng
RT: 12.390 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

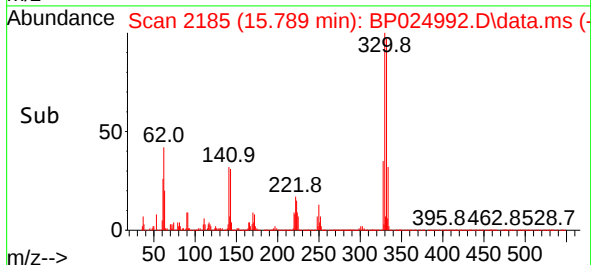
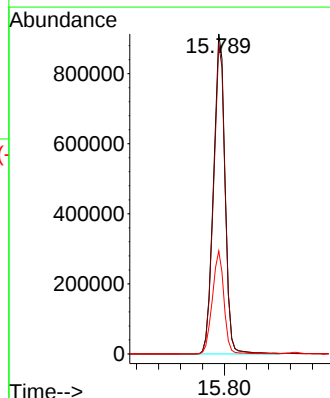
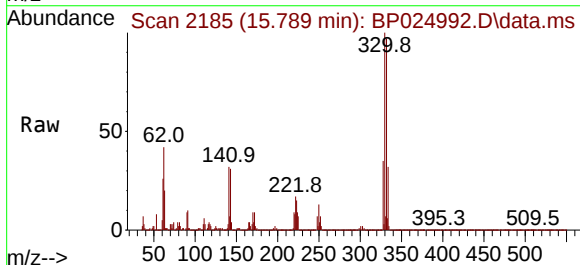
Instrument :
BNA_P
ClientSampleId :
PB168517BS

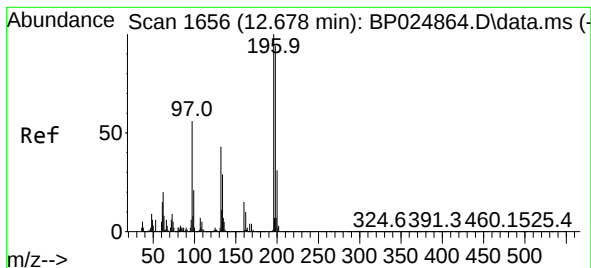
Tgt Ion:237 Resp: 980625
Ion Ratio Lower Upper
237 100
235 62.9 41.9 81.9
272 13.2 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 148.387 ng
RT: 15.789 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:330 Resp: 1335435
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 32.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 51.687 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

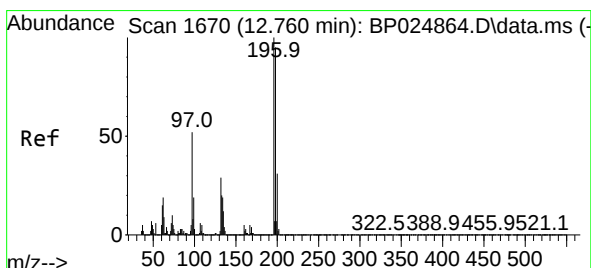
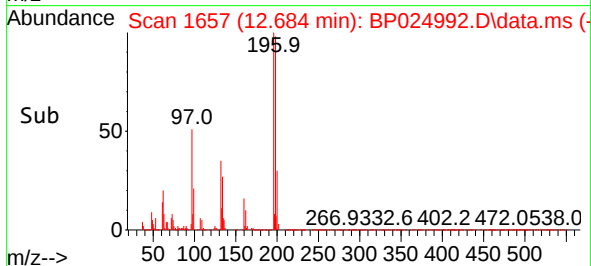
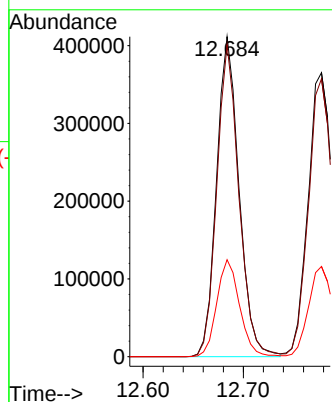
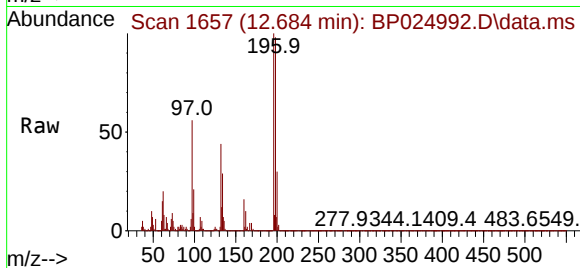
Tgt Ion:196 Resp: 641147

Ion Ratio Lower Upper

196 100

198 97.5 75.4 113.0

200 30.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 52.539 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Tgt Ion:196 Resp: 697957

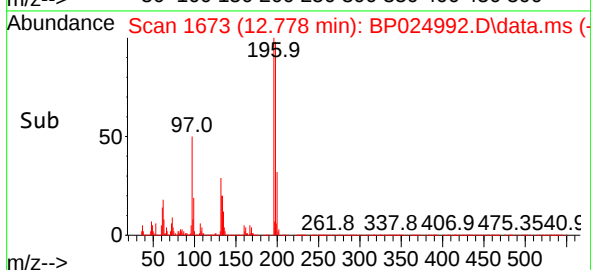
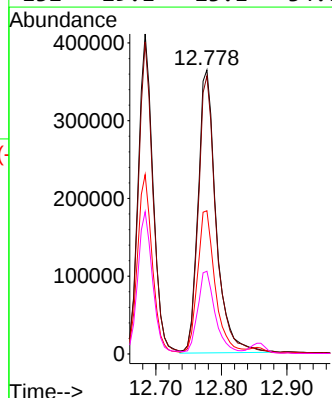
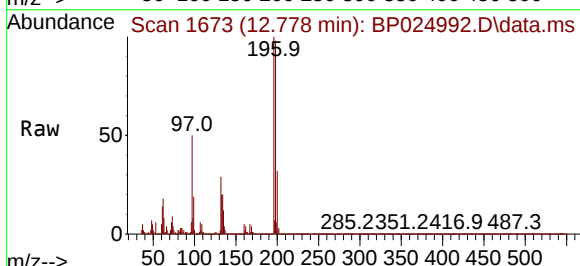
Ion Ratio Lower Upper

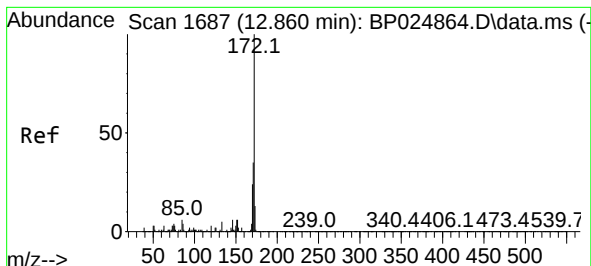
196 100

198 97.9 76.0 114.0

97 50.4 41.5 62.3

132 29.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 82.472 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

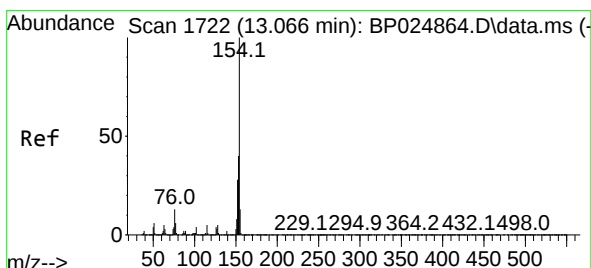
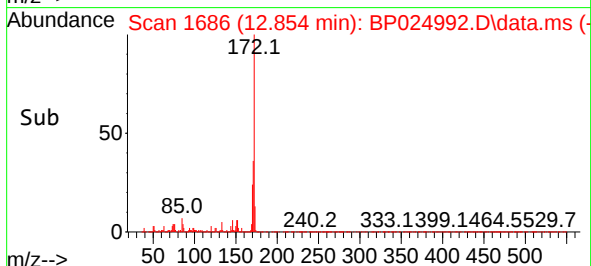
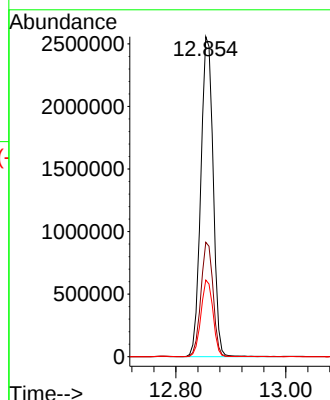
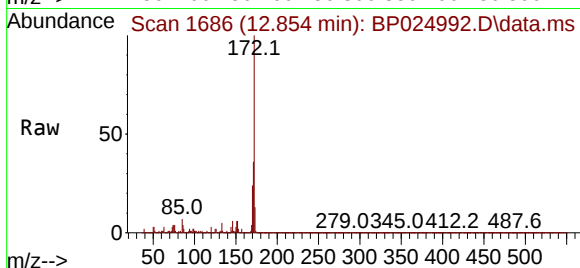
Tgt Ion:172 Resp: 3985147

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.029 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

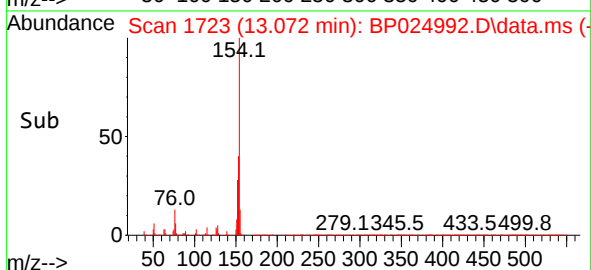
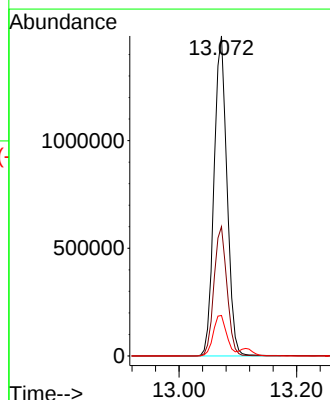
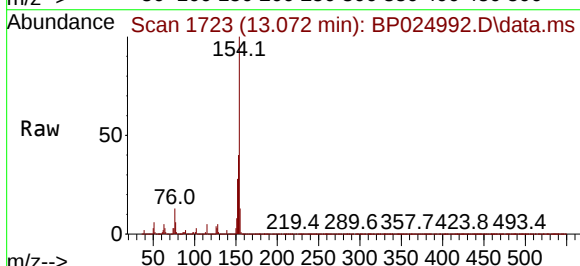
Tgt Ion:154 Resp: 2272069

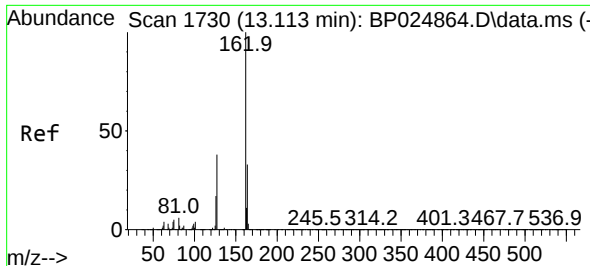
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.7 0.0 33.0

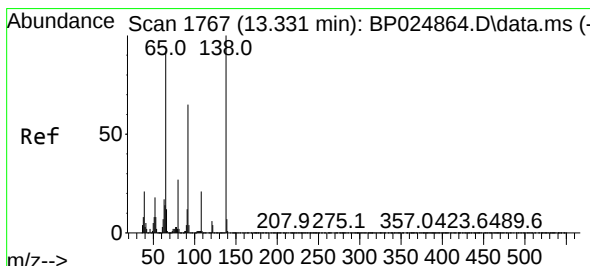
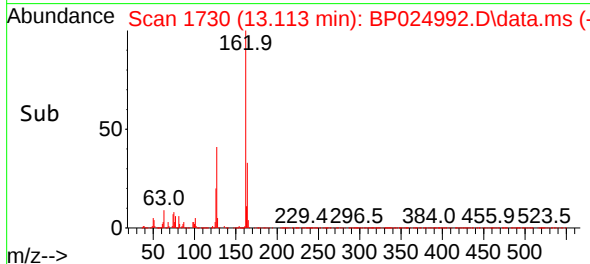
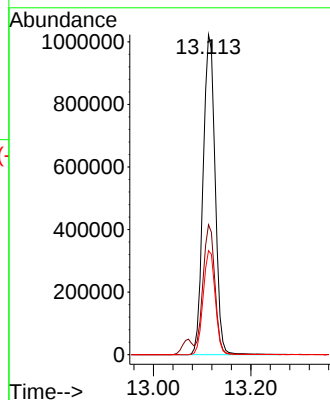
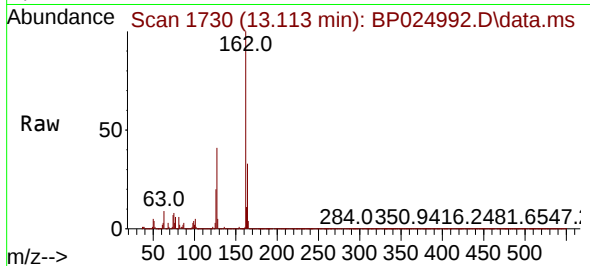




#47
2-Chloronaphthalene
Concen: 48.126 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

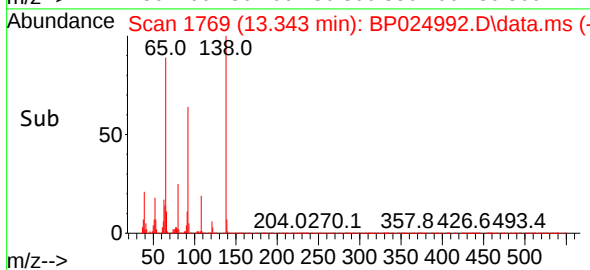
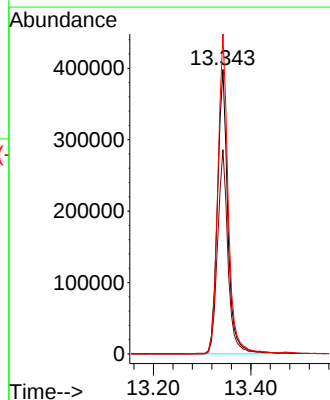
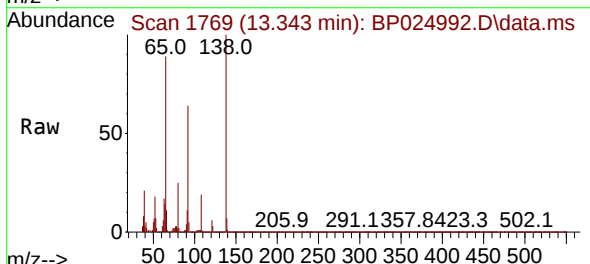
Instrument :
BNA_P
ClientSampleId :
PB168517BS

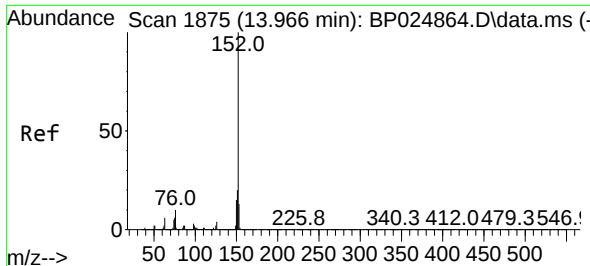
Tgt Ion:162 Resp: 1749765
Ion Ratio Lower Upper
162 100
127 40.6 32.5 48.7
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 52.798 ng
RT: 13.343 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 65 Resp: 590169
Ion Ratio Lower Upper
65 100
92 71.8 56.8 85.2
138 112.5 86.9 130.3

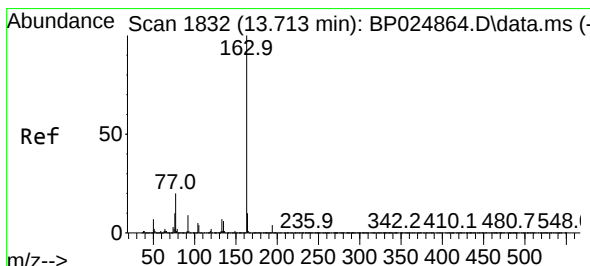
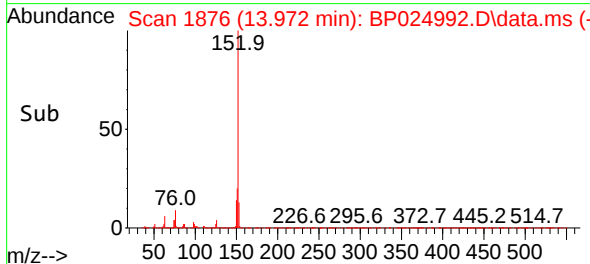
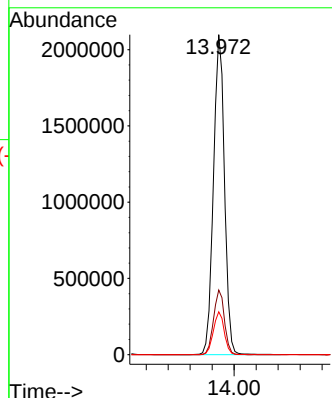
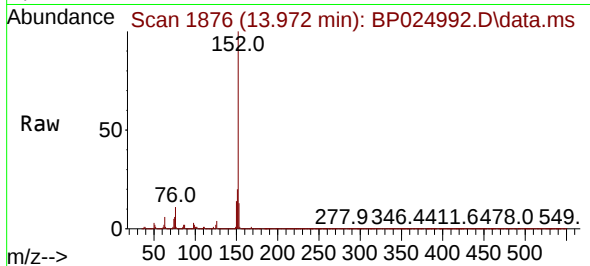




#49
Acenaphthylene
Concen: 48.194 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

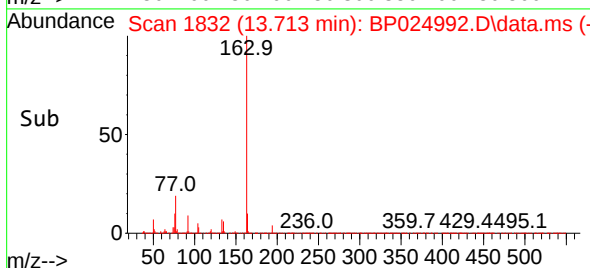
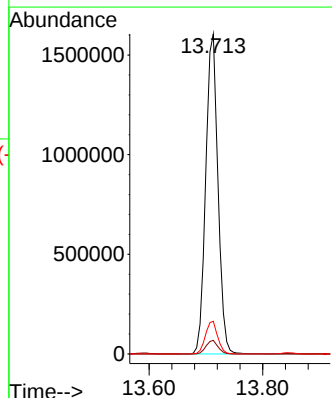
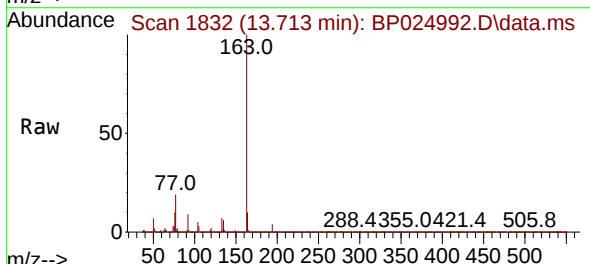
Instrument :
BNA_P
ClientSampleId :
PB168517BS

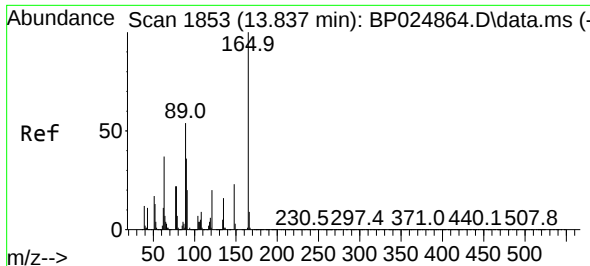
Tgt Ion:152 Resp: 2921667
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 49.703 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:163 Resp: 2386700
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.0 12.0

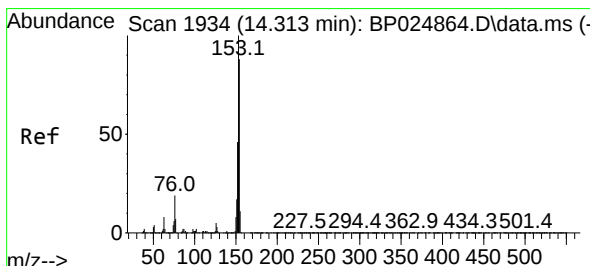
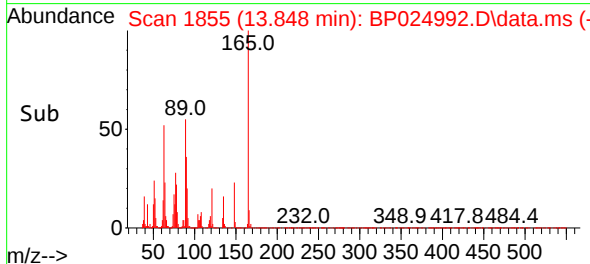
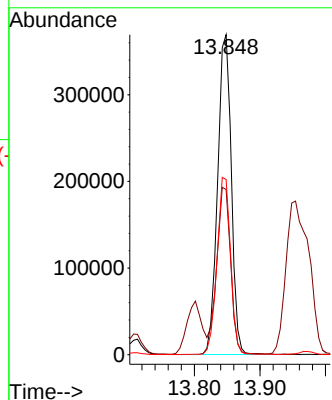
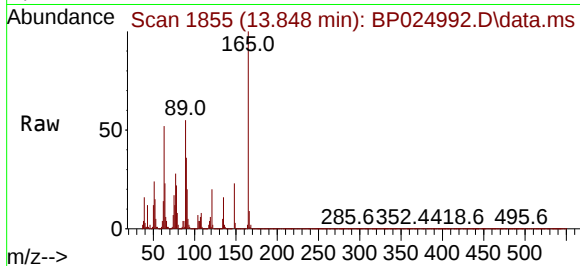




#51
2,6-Dinitrotoluene
Concen: 51.556 ng
RT: 13.848 min Scan# 1855
Delta R.T. 0.012 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

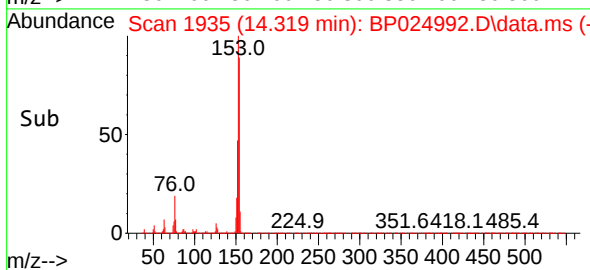
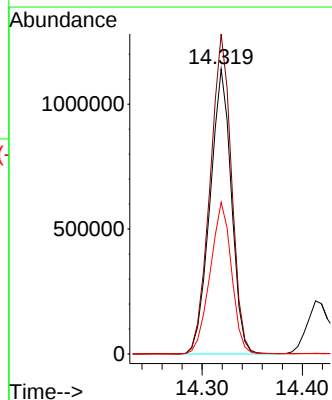
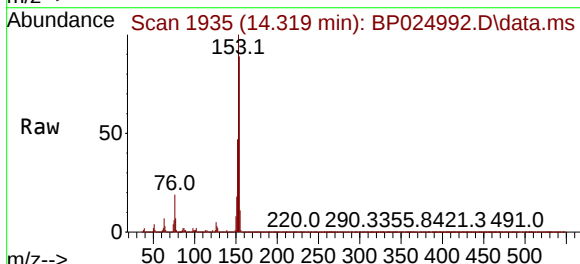
Instrument :
BNA_P
ClientSampleId :
PB168517BS

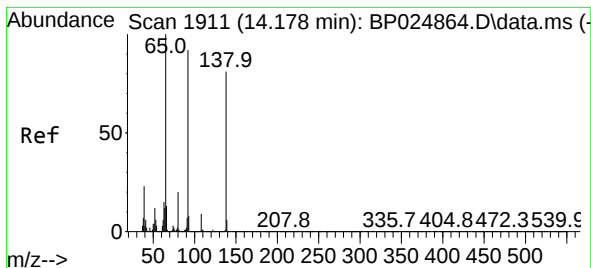
Tgt Ion:165 Resp: 533701
Ion Ratio Lower Upper
165 100
63 51.6 41.8 62.8
89 54.8 43.1 64.7



#52
Acenaphthene
Concen: 48.625 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:154 Resp: 1689171
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 53.2 42.1 63.1





#53

3-Nitroaniline

Concen: 47.816 ng

RT: 14.190 min Scan# 1911

Delta R.T. 0.012 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

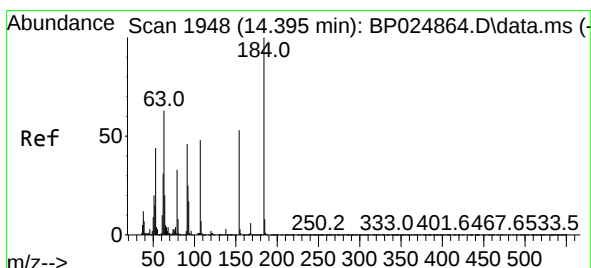
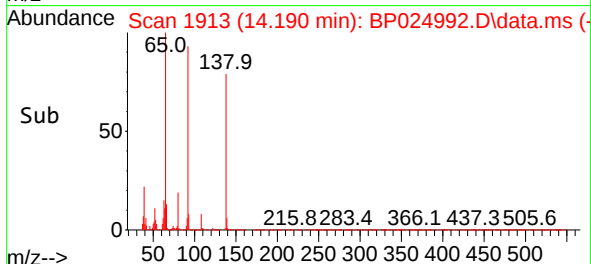
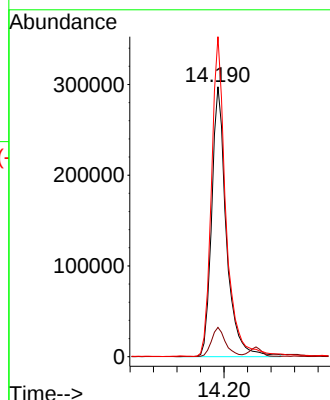
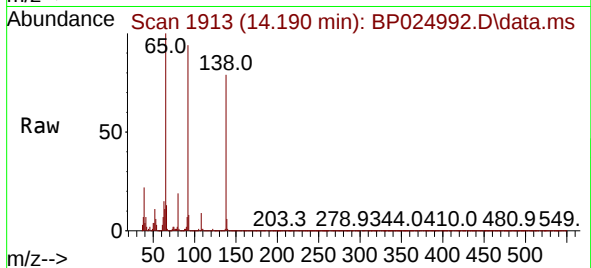
Tgt Ion:138 Resp: 513677

Ion Ratio Lower Upper

138 100

108 10.9 8.6 12.8

92 118.6 91.3 136.9



#54

2,4-Dinitrophenol

Concen: 102.531 ng

RT: 14.413 min Scan# 1951

Delta R.T. 0.018 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

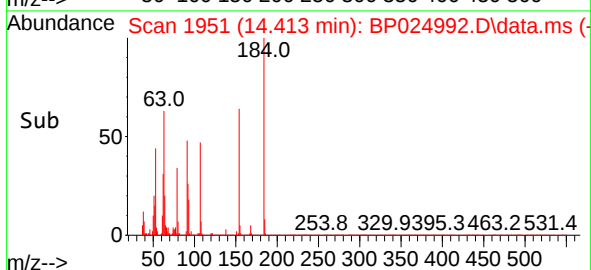
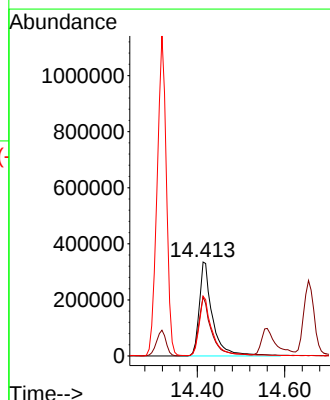
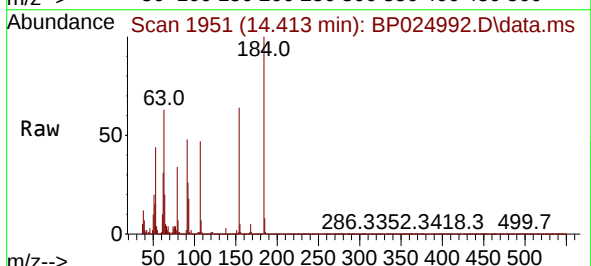
Tgt Ion:184 Resp: 702487

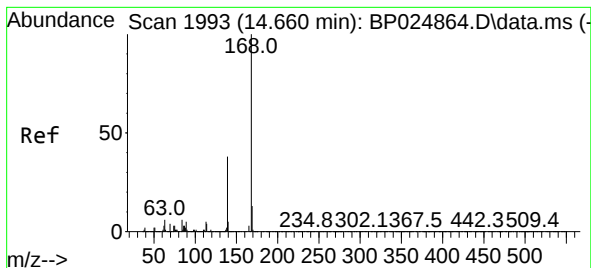
Ion Ratio Lower Upper

184 100

63 63.1 51.0 76.4

154 63.6 51.7 77.5

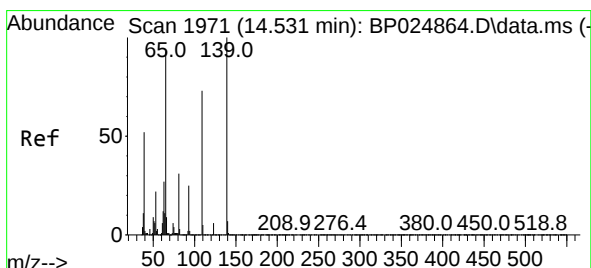
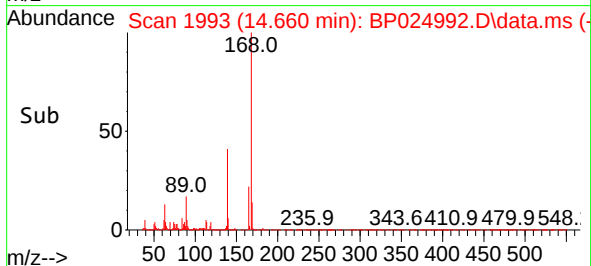
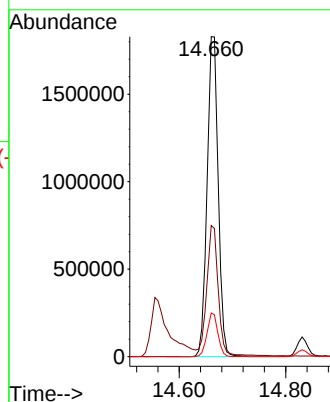
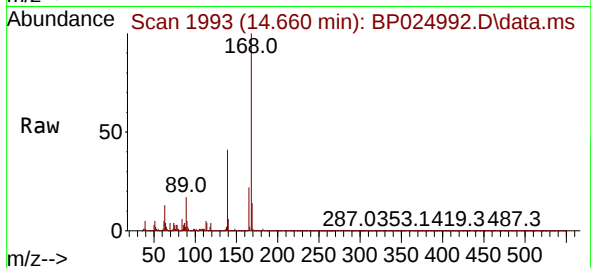




#55
Dibenzofuran
Concen: 47.628 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

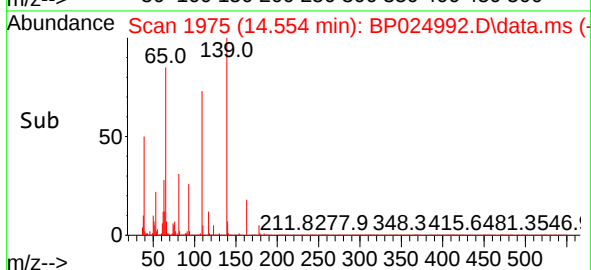
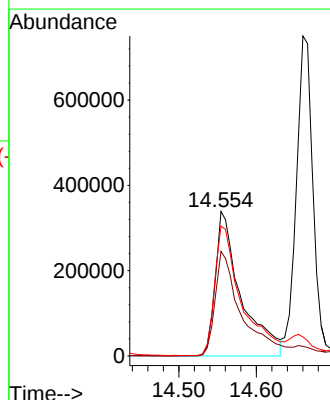
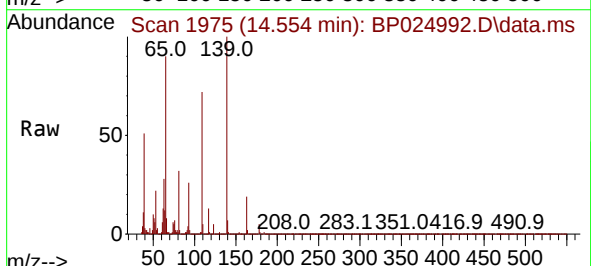
Instrument :
BNA_P
ClientSampleId :
PB168517BS

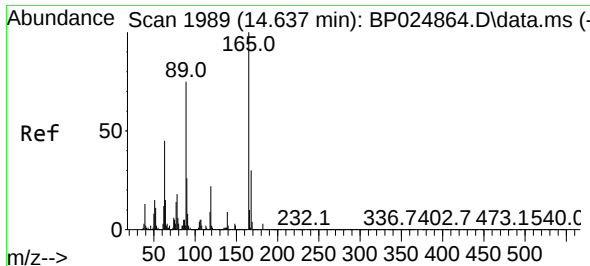
Tgt Ion:168 Resp: 2655829
Ion Ratio Lower Upper
168 100
139 41.0 31.6 47.4
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 85.342 ng
RT: 14.554 min Scan# 1975
Delta R.T. 0.023 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:139 Resp: 779689
Ion Ratio Lower Upper
139 100
109 72.5 53.1 93.1
65 89.9 73.0 113.0

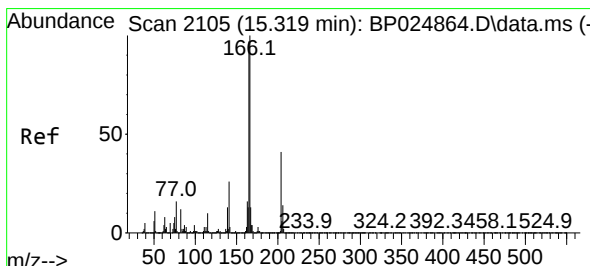
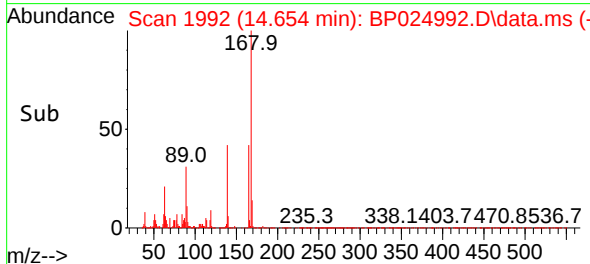
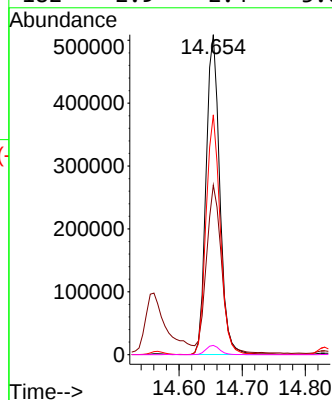
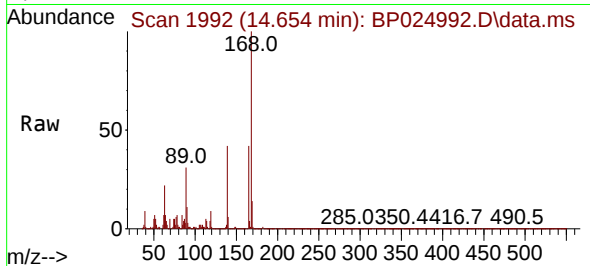




#57
2,4-Dinitrotoluene
Concen: 52.905 ng
RT: 14.654 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

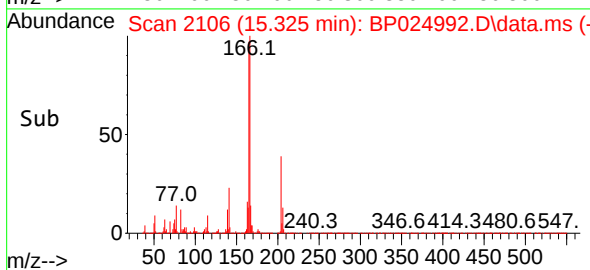
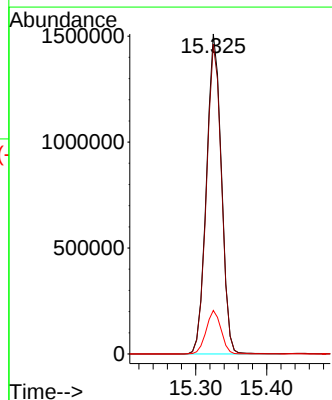
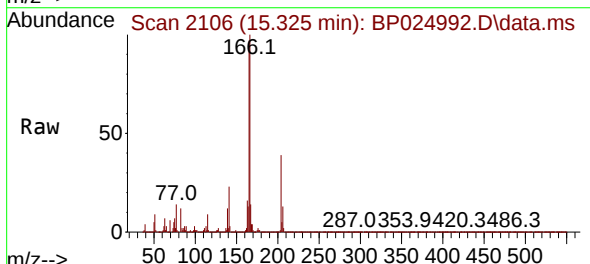
Instrument :
BNA_P
ClientSampleId :
PB168517BS

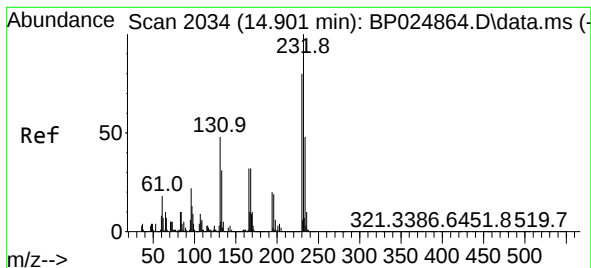
Tgt Ion:165 Resp: 766095
Ion Ratio Lower Upper
165 100
63 53.0 37.0 55.6
89 75.0 60.1 90.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 49.022 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:166 Resp: 2208221
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.6 10.6 16.0

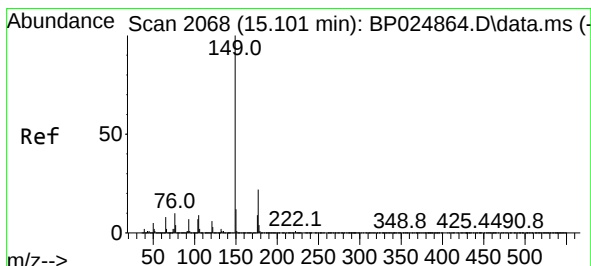
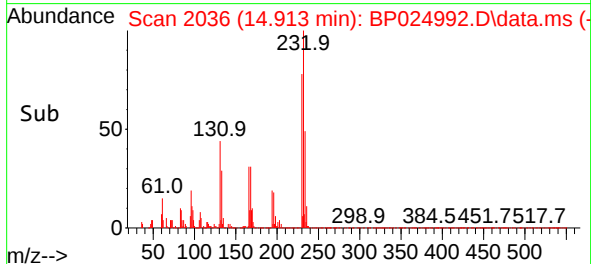
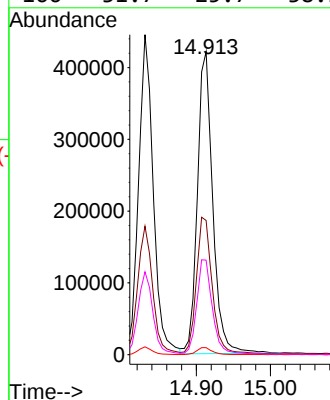
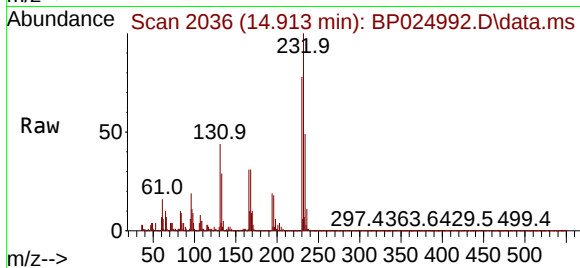




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.061 ng
RT: 14.913 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

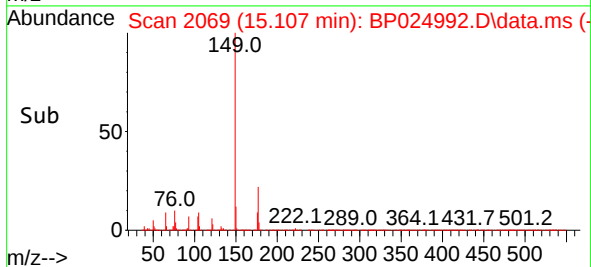
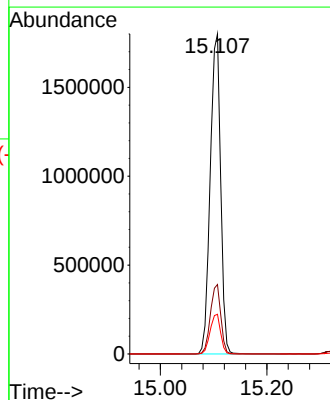
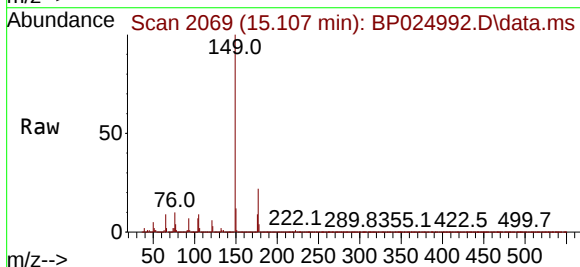
Instrument :
BNA_P
ClientSampleId :
PB168517BS

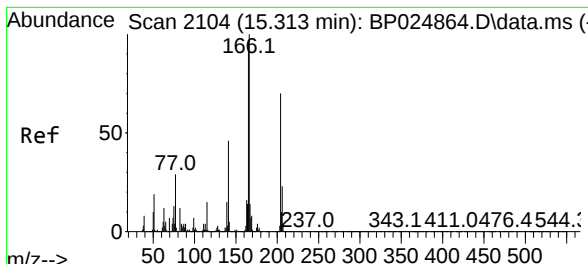
Tgt Ion:232 Resp: 606063
Ion Ratio Lower Upper
232 100
131 46.8 38.2 57.2
130 2.4 2.1 3.1
166 31.7 25.7 38.5



#60
Diethylphthalate
Concen: 50.815 ng
RT: 15.107 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:149 Resp: 2431847
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.4 9.8 14.6

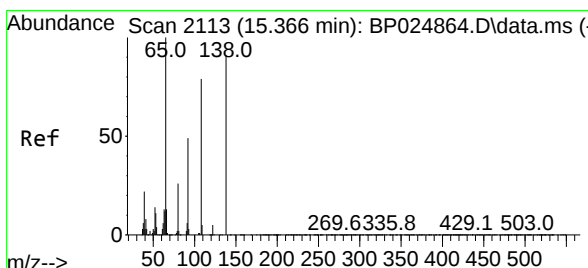
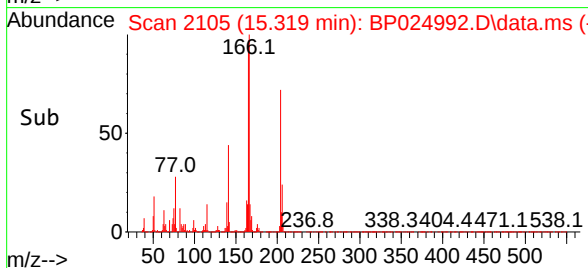
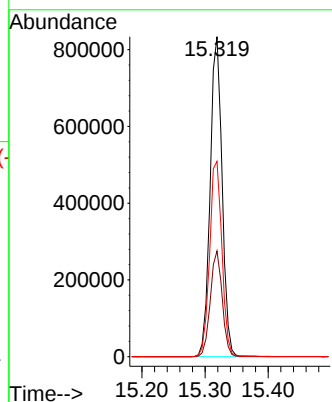
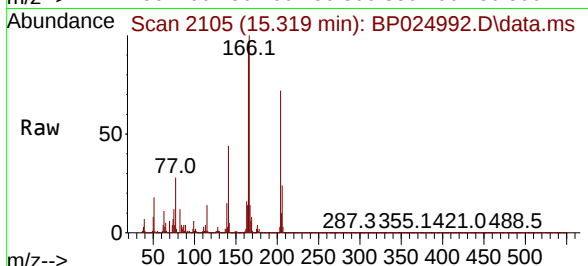




#61
4-Chlorophenyl-phenylether
Concen: 49.630 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

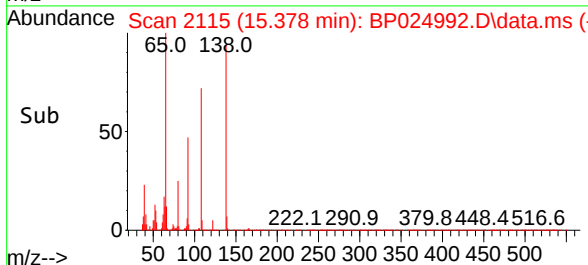
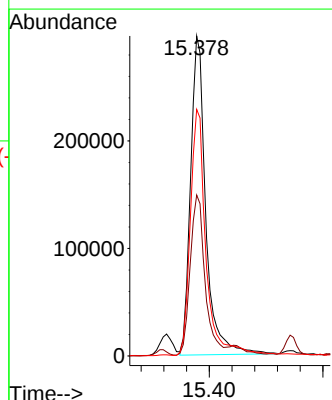
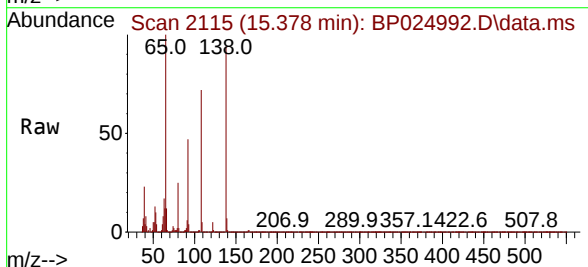
Instrument :
BNA_P
ClientSampleId :
PB168517BS

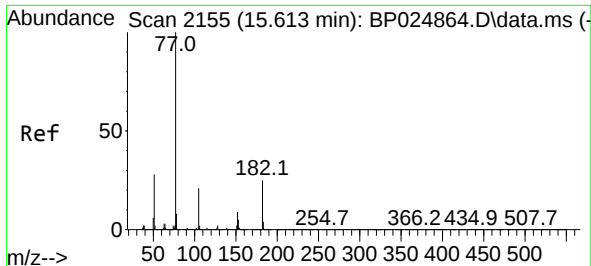
Tgt Ion:204 Resp: 1093111
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 61.1 52.4 78.6



#62
4-Nitroaniline
Concen: 56.589 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:138 Resp: 551218
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 77.0 65.1 105.1



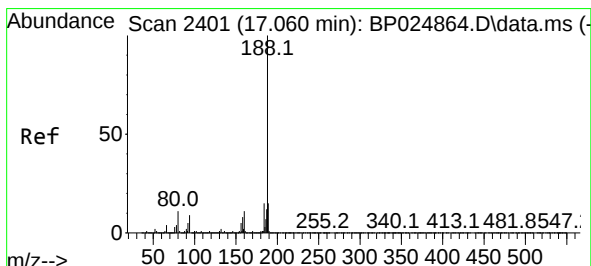
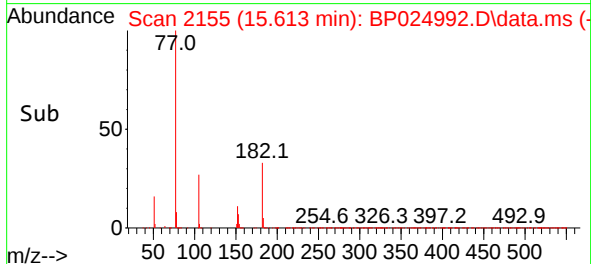
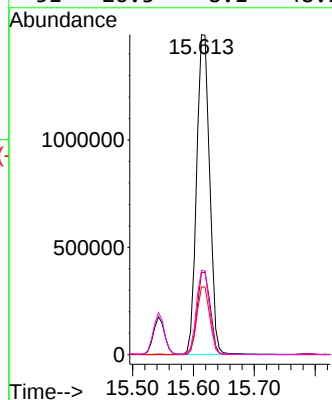
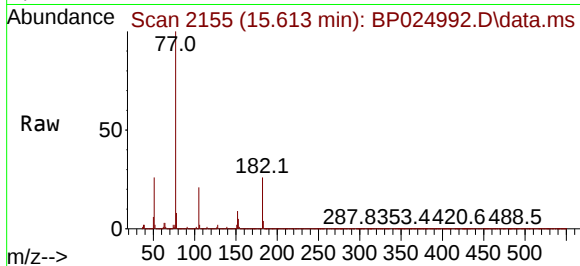


#63
Azobenzene
Concen: 50.496 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Instrument :
BNA_P
ClientSampleId :
PB168517BS

Tgt Ion: 77 Resp: 2216310

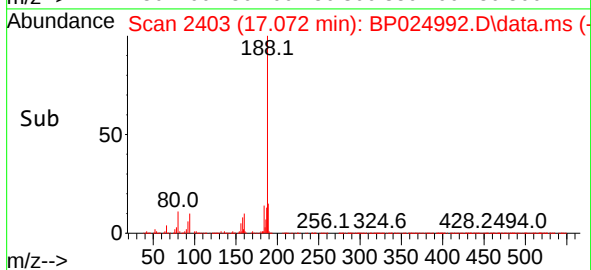
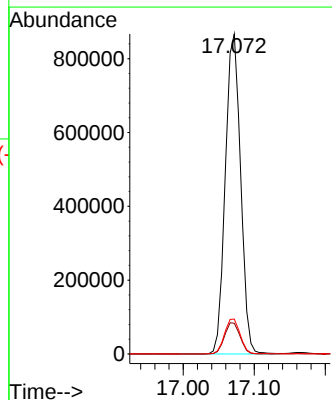
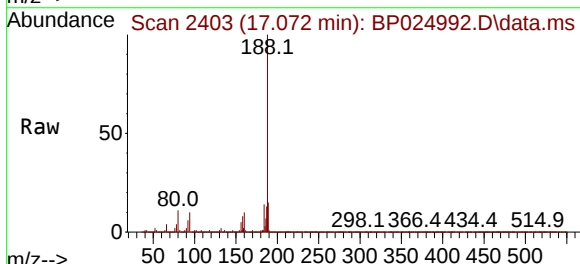
Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.4	45.4
105	21.2	0.8	40.8
51	26.3	8.1	48.1

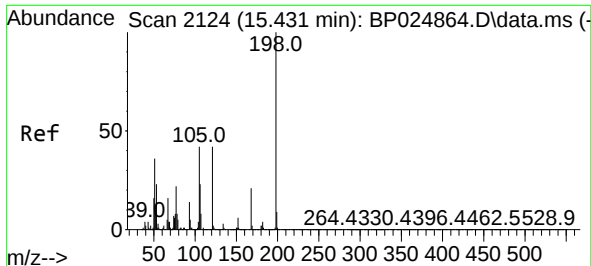


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion: 188 Resp: 1292108

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.3	10.9
80	10.9	8.5	12.7

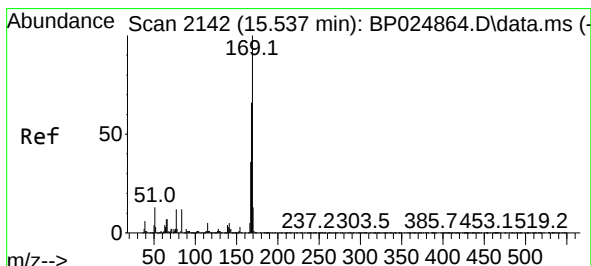
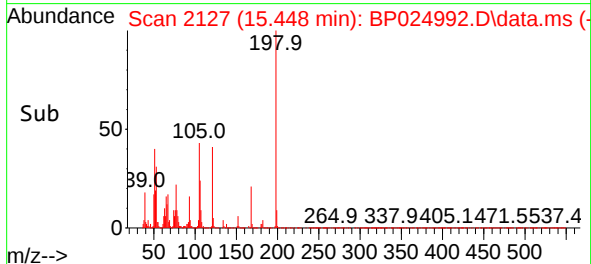
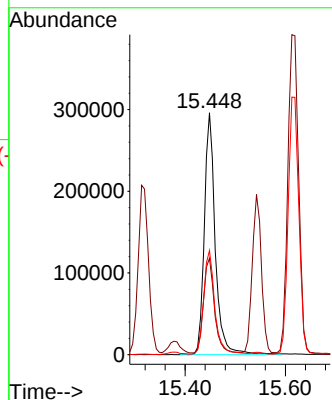
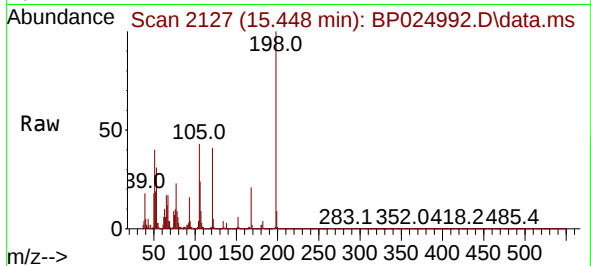




#65
4,6-Dinitro-2-methylphenol
Concen: 52.889 ng
RT: 15.448 min Scan# 2127
Delta R.T. 0.018 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

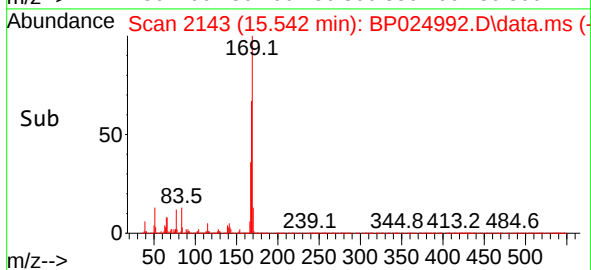
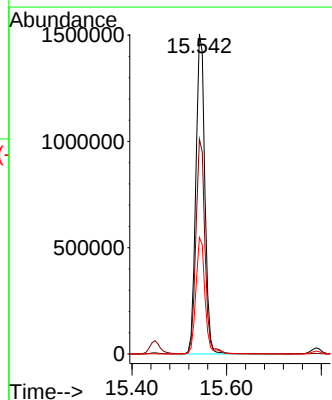
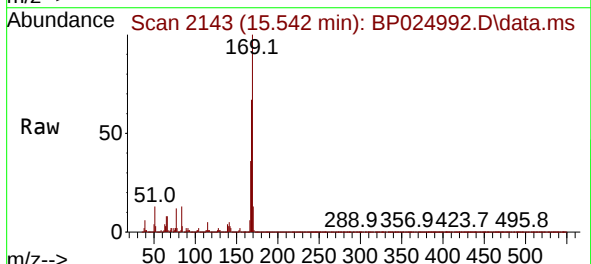
Instrument :
BNA_P
ClientSampleId :
PB168517BS

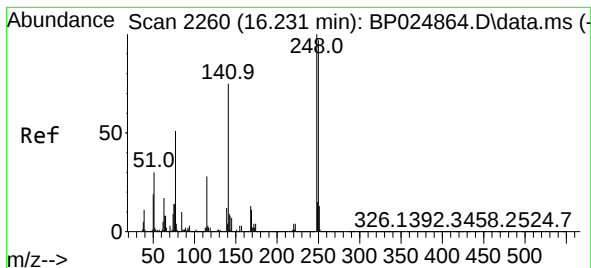
Tgt Ion:198 Resp: 449042
Ion Ratio Lower Upper
198 100
51 39.9 19.2 59.2
105 43.0 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 49.290 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:169 Resp: 1974022
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.4 28.6 43.0

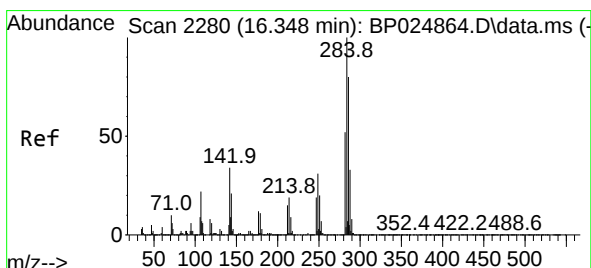
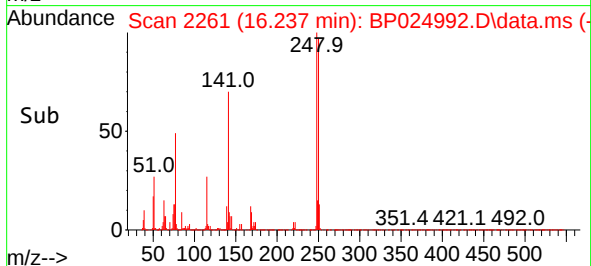
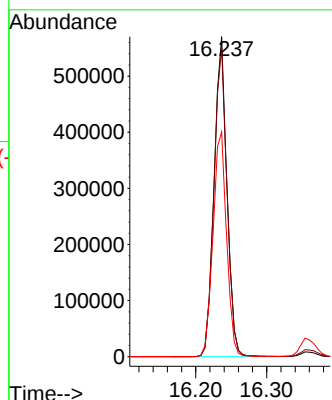
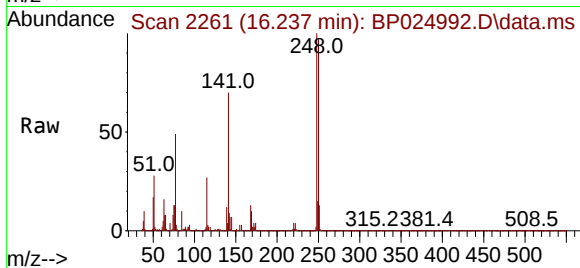




#67
4-Bromophenyl-phenylether
Concen: 49.164 ng
RT: 16.237 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

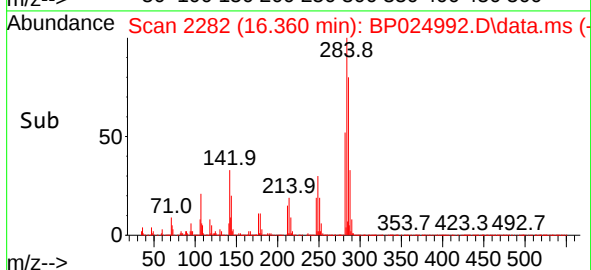
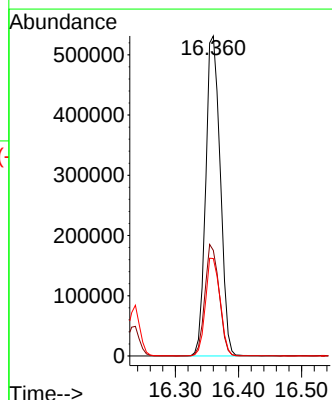
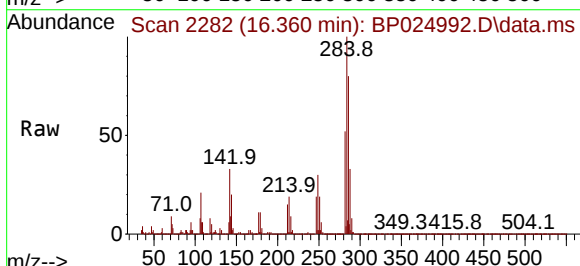
Instrument :
BNA_P
ClientSampleId :
PB168517BS

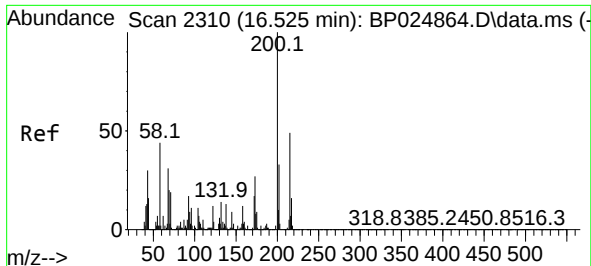
Tgt Ion:248 Resp: 716775
Ion Ratio Lower Upper
248 100
250 96.6 77.4 116.2
141 70.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 47.848 ng
RT: 16.360 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:284 Resp: 845674
Ion Ratio Lower Upper
284 100
142 33.0 27.0 40.6
249 30.5 25.0 37.6

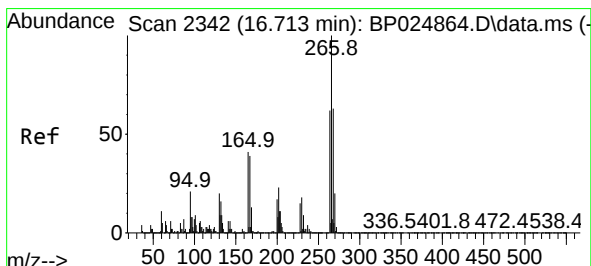
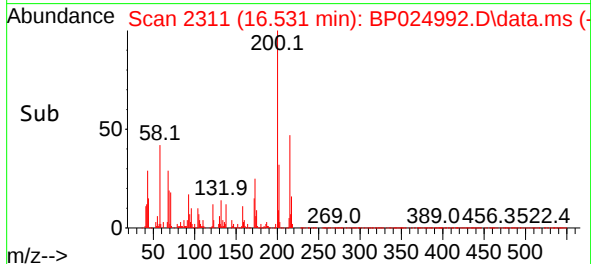
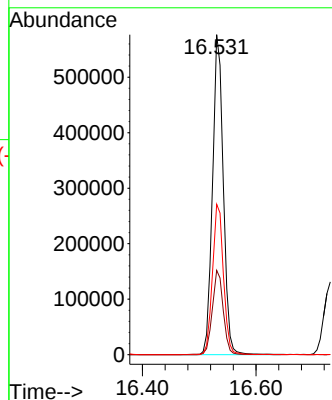
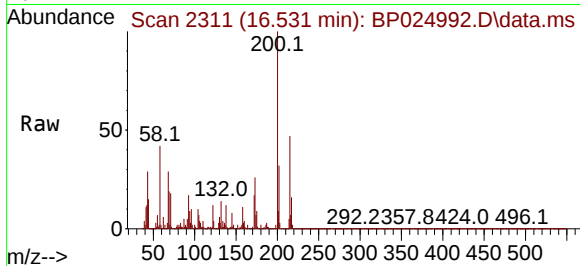




#69
 Atrazine
 Concen: 52.135 ng
 RT: 16.531 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024992.D
 Acq: 18 Jun 2025 13:20

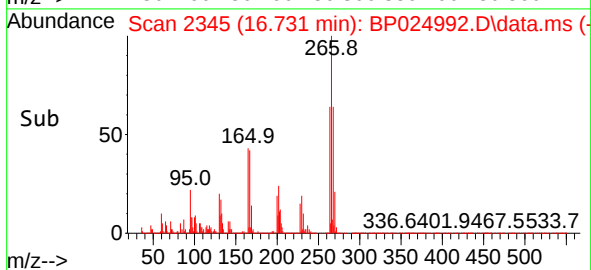
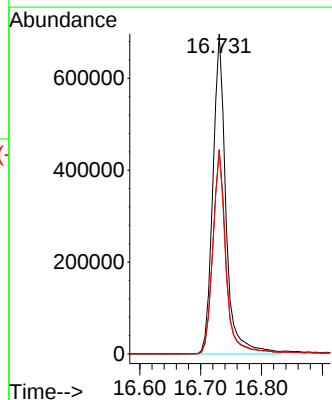
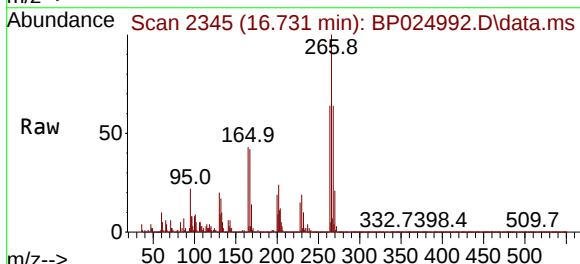
Instrument :
 BNA_P
 ClientSampleId :
 PB168517BS

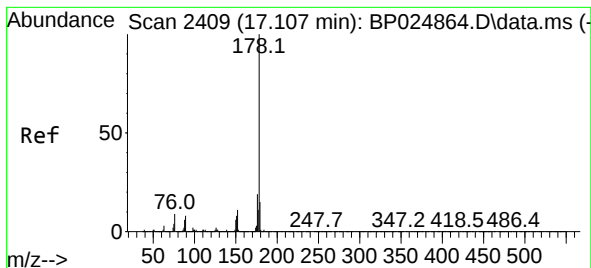
Tgt Ion:200 Resp: 756931
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.9 46.9
 215 47.0 28.7 68.7



#70
 Pentachlorophenol
 Concen: 113.456 ng
 RT: 16.731 min Scan# 2345
 Delta R.T. 0.018 min
 Lab File: BP024992.D
 Acq: 18 Jun 2025 13:20

Tgt Ion:266 Resp: 1037814
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.6 76.0
 264 63.6 49.7 74.5





#71

Phenanthrene

Concen: 49.290 ng

RT: 17.113 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

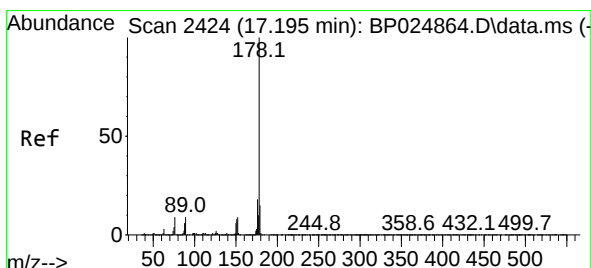
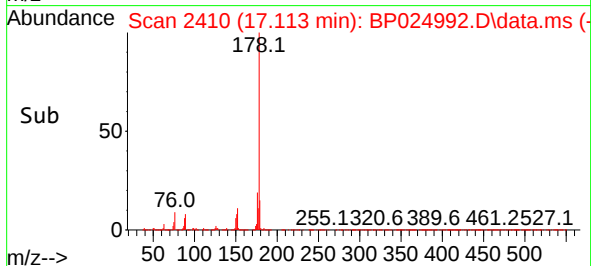
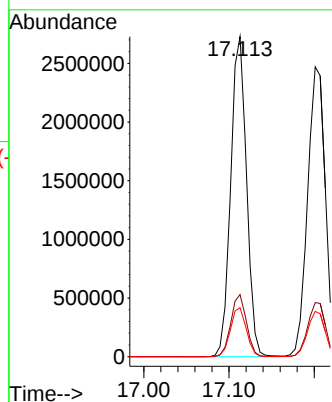
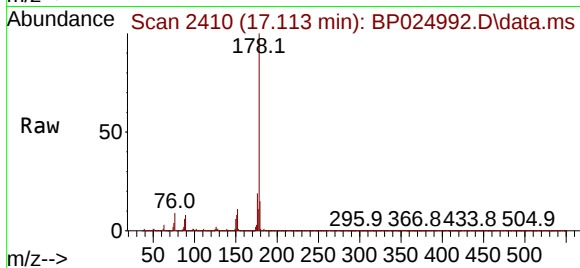
Tgt Ion:178 Resp: 3519496

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 49.951 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

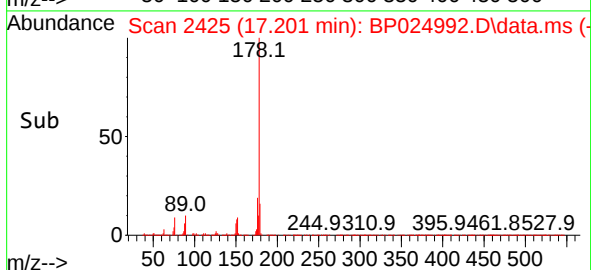
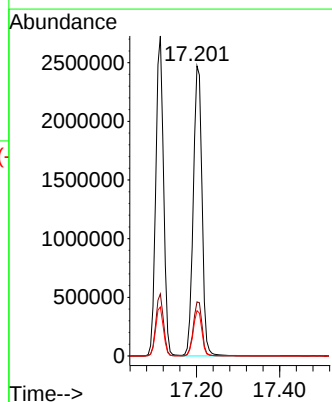
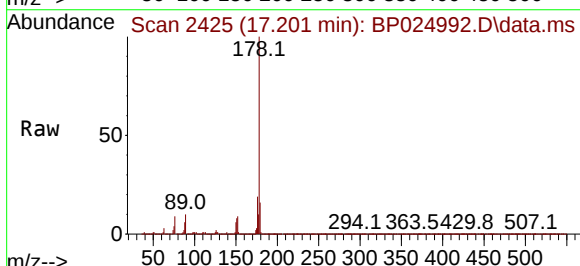
Tgt Ion:178 Resp: 3612261

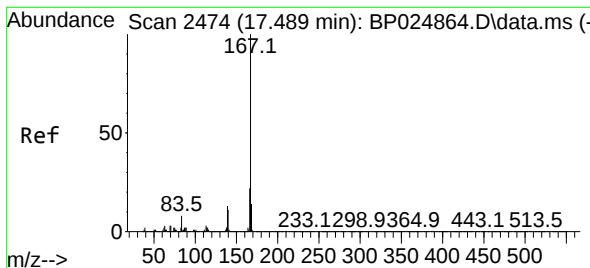
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.6 12.3 18.5





#73

Carbazole

Concen: 51.314 ng

RT: 17.501 min Scan# 2474

Delta R.T. 0.012 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

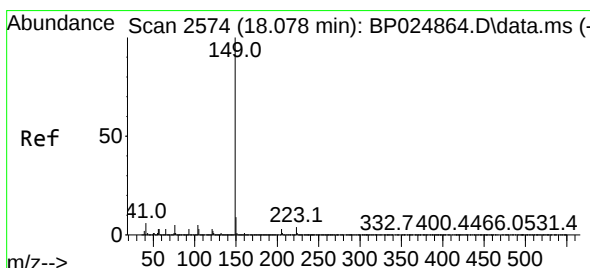
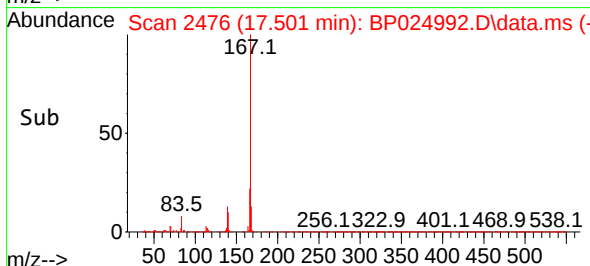
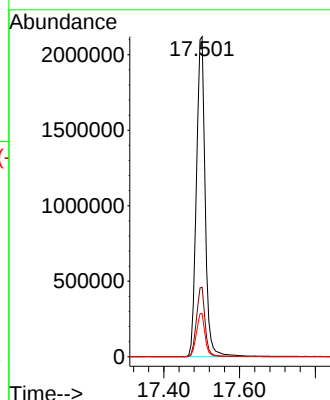
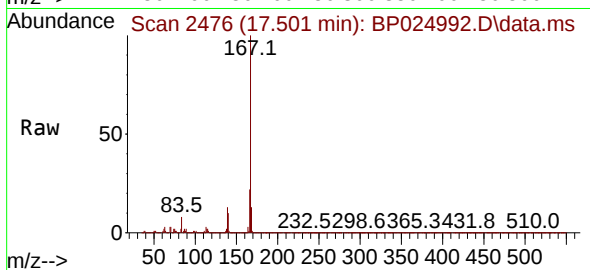
Tgt Ion:167 Resp: 3439549

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 51.856 ng

RT: 18.078 min Scan# 2574

Delta R.T. -0.000 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

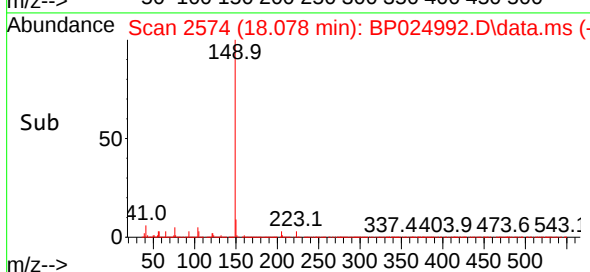
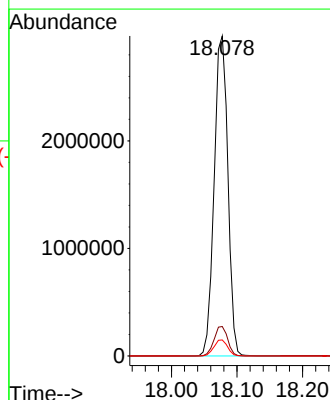
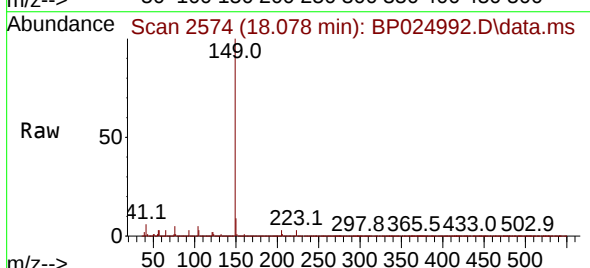
Tgt Ion:149 Resp: 4306573

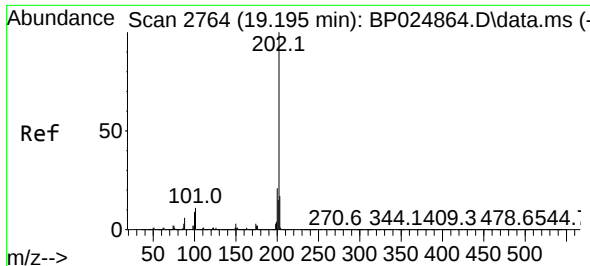
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.2 6.2

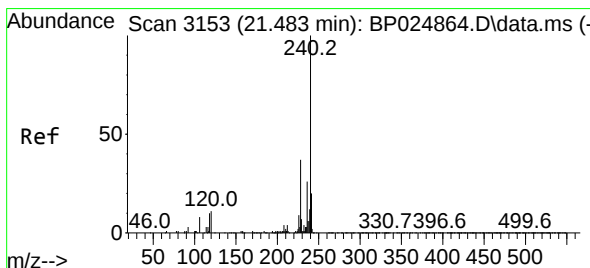
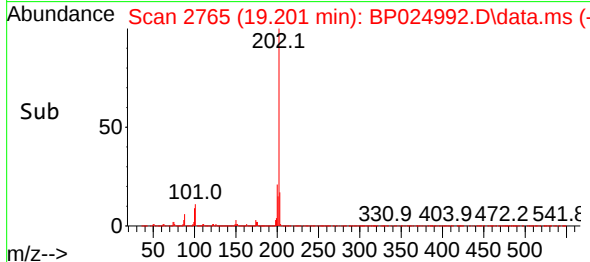
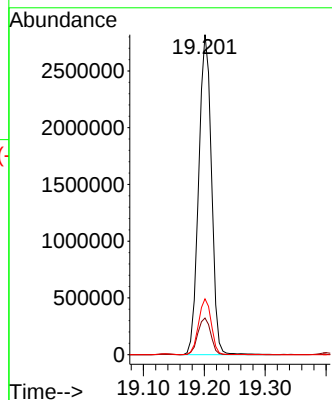
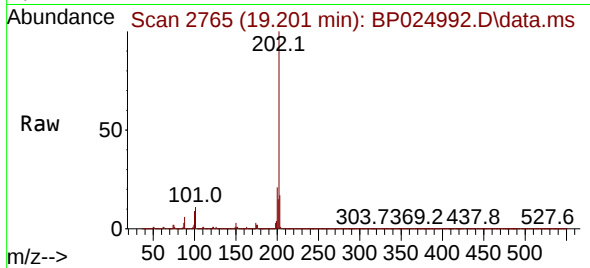




#75
Fluoranthene
Concen: 49.583 ng
RT: 19.201 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

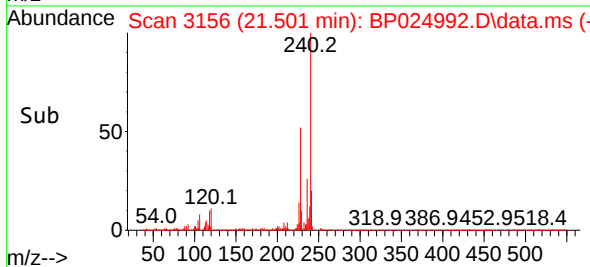
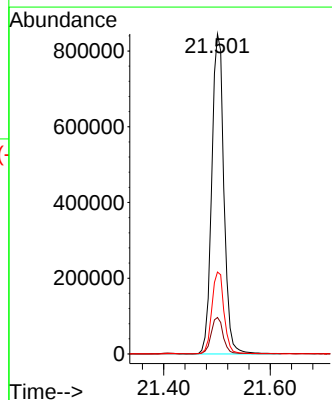
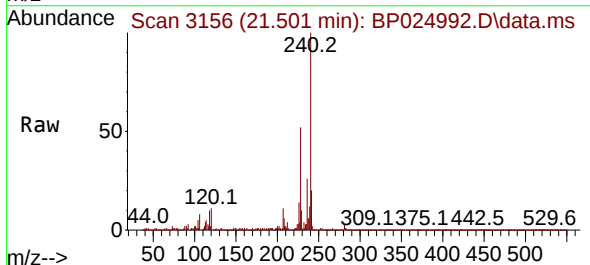
Instrument :
BNA_P
ClientSampleId :
PB168517BS

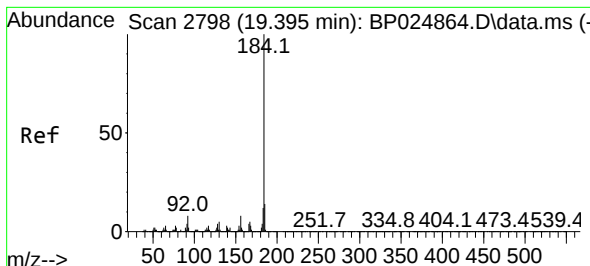
Tgt Ion:202 Resp: 4103526
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024992.D
Acq: 18 Jun 2025 13:20

Tgt Ion:240 Resp: 1338303
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.6 20.9 31.3





#77

Benzidine

Concen: 85.423 ng

RT: 19.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

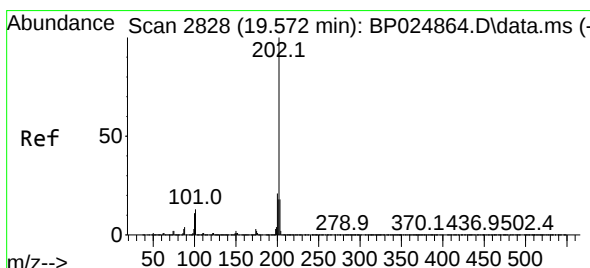
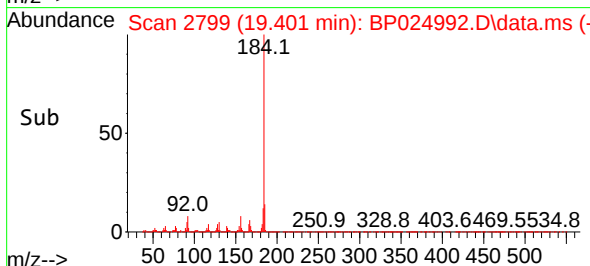
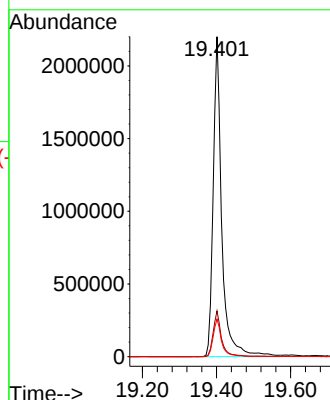
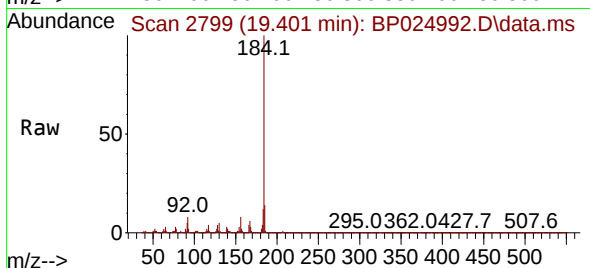
Tgt Ion:184 Resp: 3540696

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.8 9.5 14.3



#78

Pyrene

Concen: 50.774 ng

RT: 19.578 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

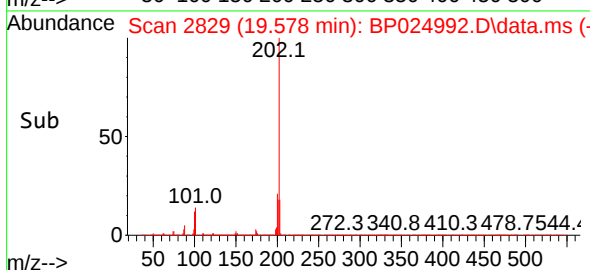
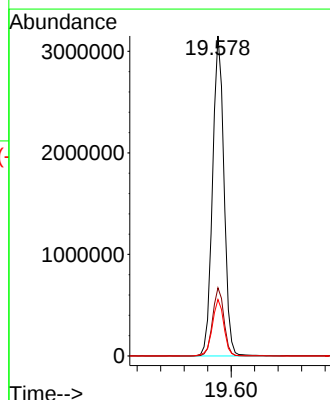
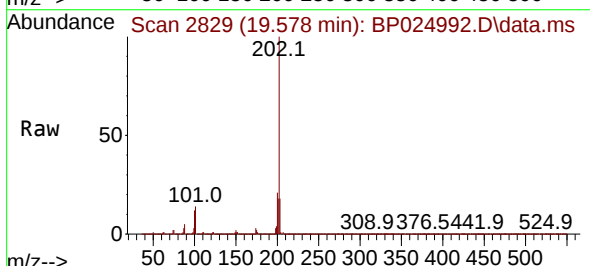
Tgt Ion:202 Resp: 4245163

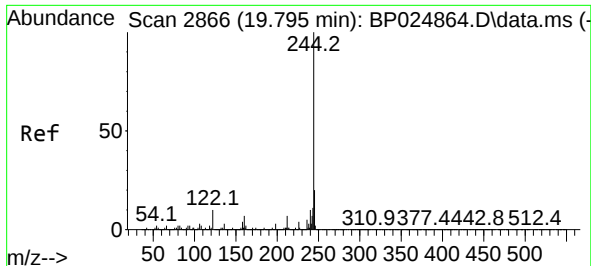
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.7 14.0 21.0

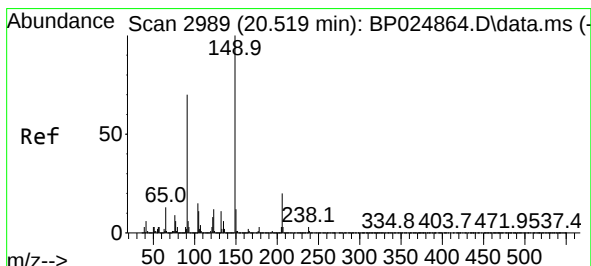
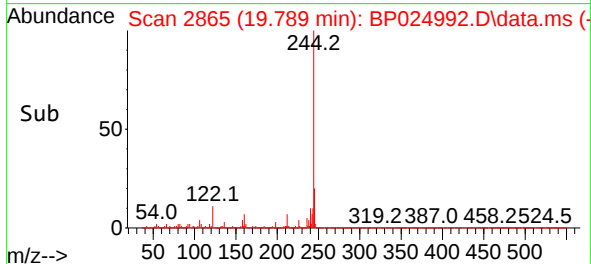
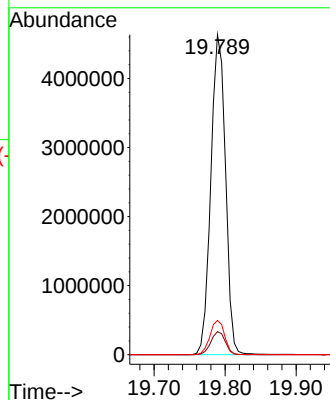
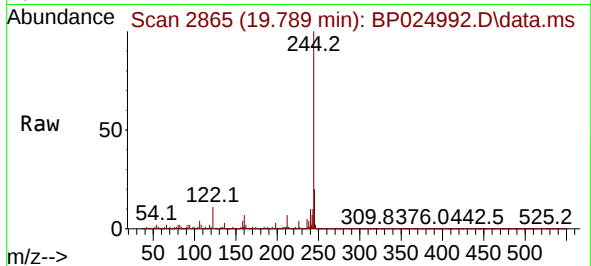




#79
 Terphenyl-d14
 Concen: 88.964 ng
 RT: 19.789 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024992.D
 Acq: 18 Jun 2025 13:20

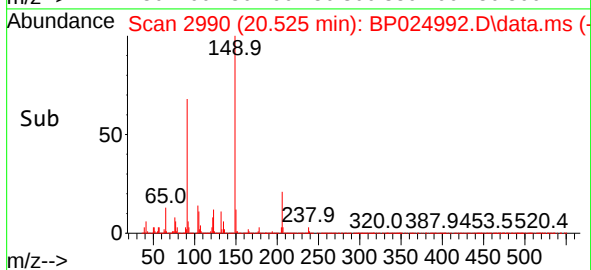
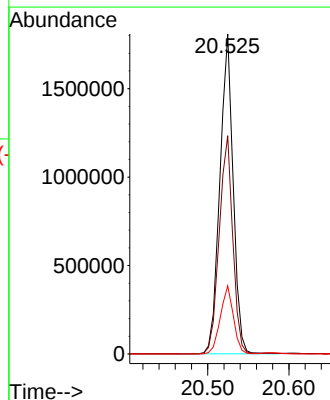
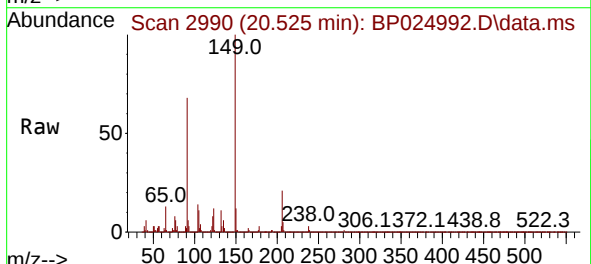
Instrument :
 BNA_P
 ClientSampleId :
 PB168517BS

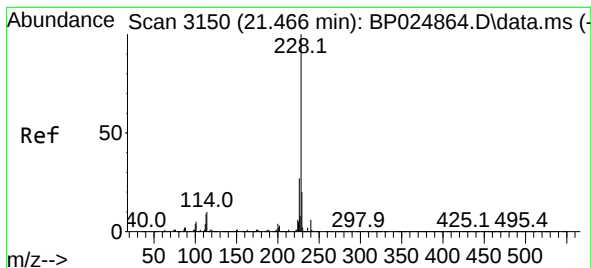
Tgt Ion:244 Resp: 6643071
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.7 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 53.869 ng
 RT: 20.525 min Scan# 2990
 Delta R.T. 0.006 min
 Lab File: BP024992.D
 Acq: 18 Jun 2025 13:20

Tgt Ion:149 Resp: 2063043
 Ion Ratio Lower Upper
 149 100
 91 68.2 55.8 83.8
 206 21.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 49.979 ng

RT: 21.483 min Scan# 3153

Delta R.T. 0.018 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

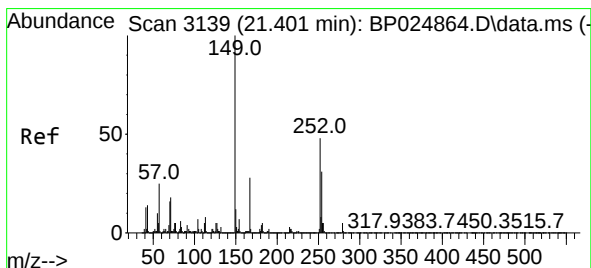
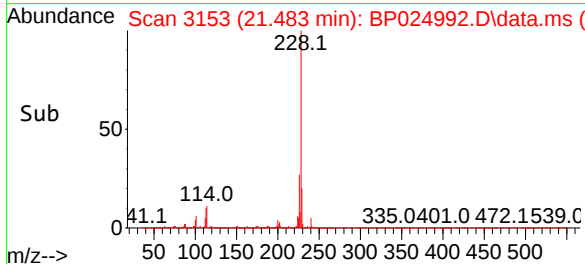
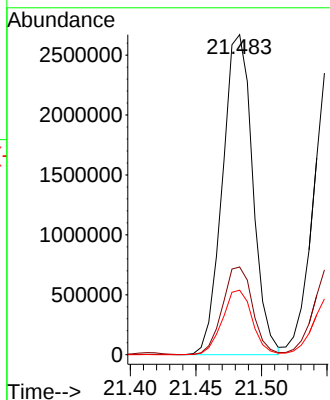
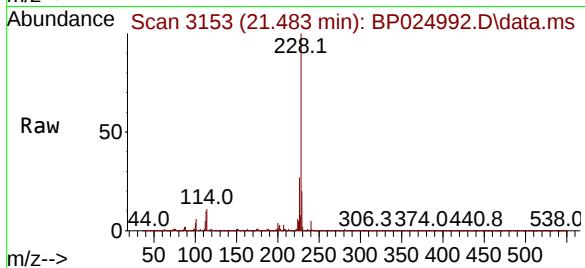
Tgt Ion:228 Resp: 4277958

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 44.957 ng

RT: 21.413 min Scan# 3141

Delta R.T. 0.012 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

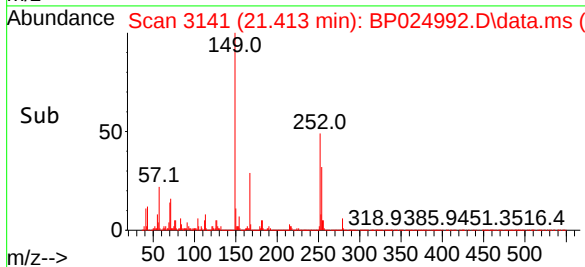
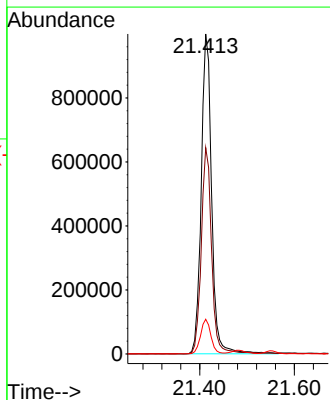
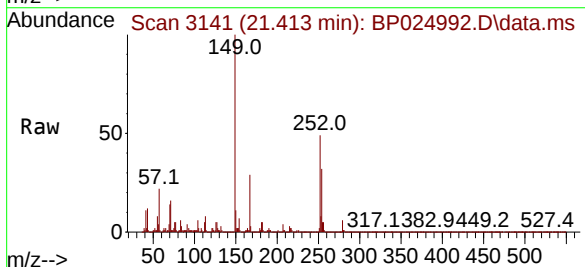
Tgt Ion:252 Resp: 1527708

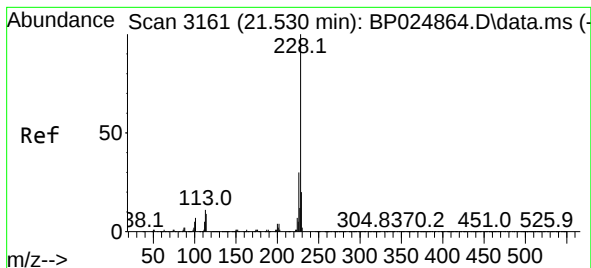
Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 10.9 8.6 12.8





#83

Chrysene

Concen: 50.465 ng

RT: 21.554 min Scan# 3161

Delta R.T. 0.024 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

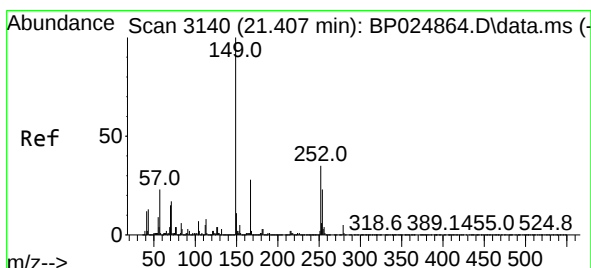
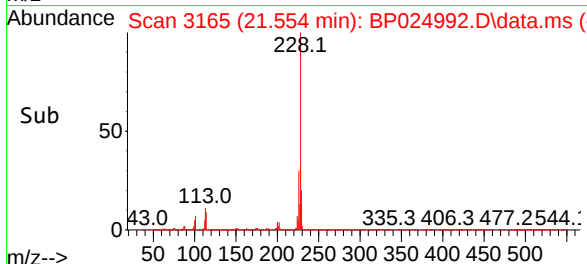
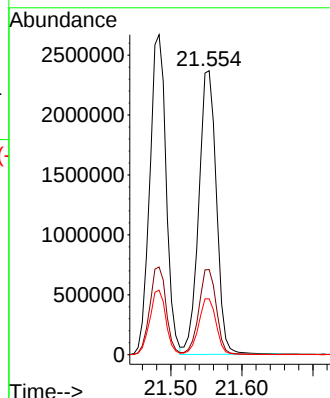
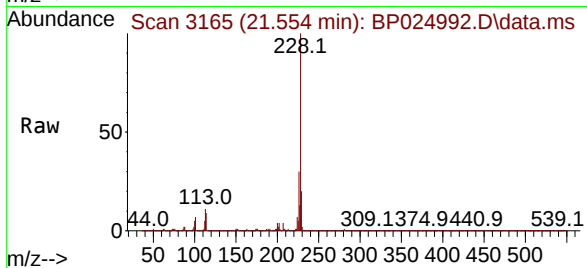
Tgt Ion:228 Resp: 4092888

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.554 ng

RT: 21.407 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

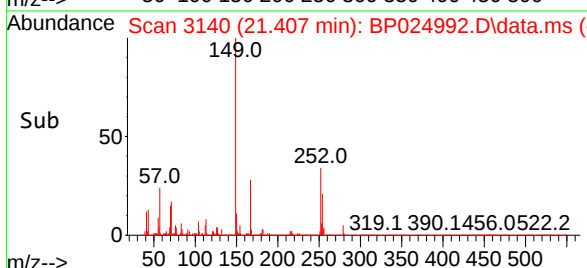
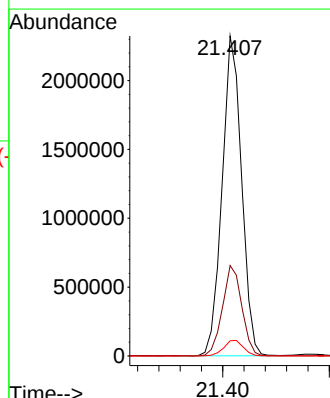
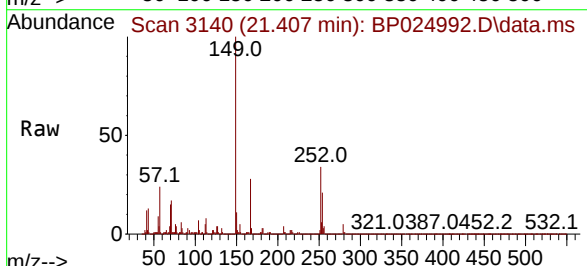
Tgt Ion:149 Resp: 2938575

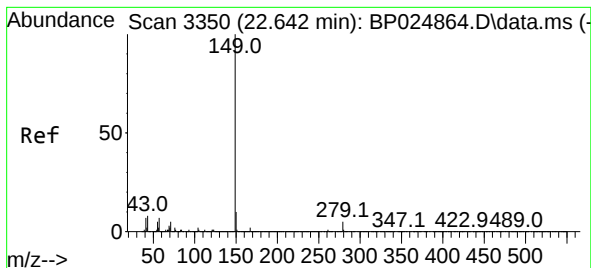
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.874 ng

RT: 22.654 min Scan# 311

Delta R.T. 0.012 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

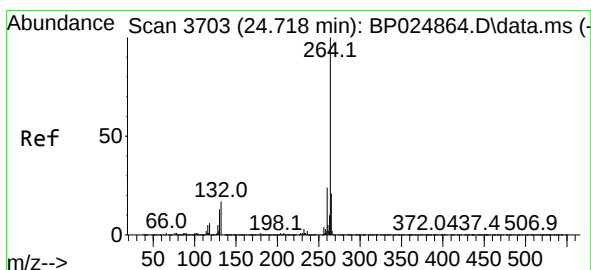
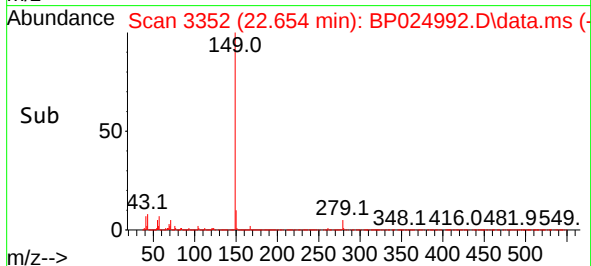
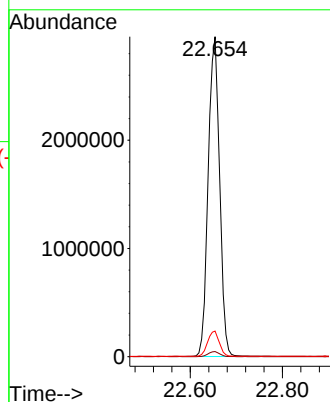
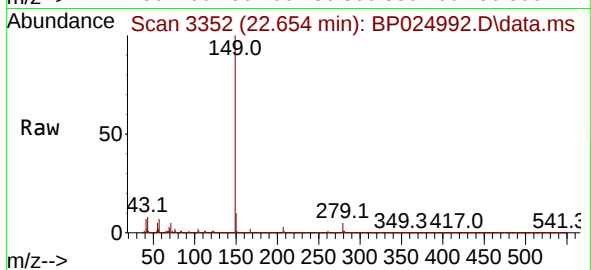
Tgt Ion:149 Resp: 5113773

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.783 min Scan# 3714

Delta R.T. 0.065 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

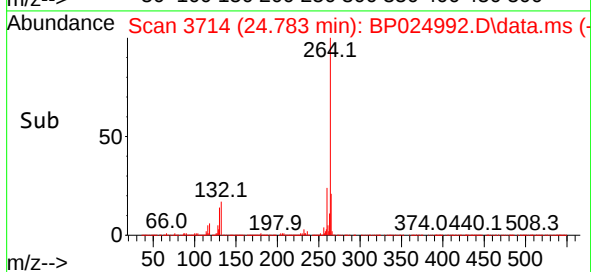
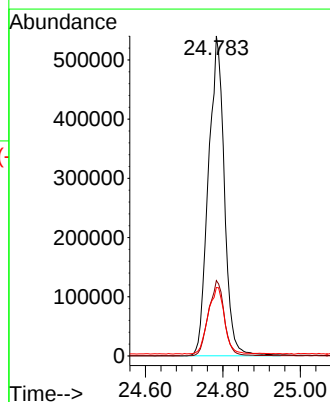
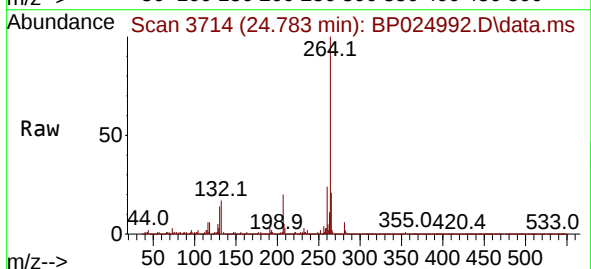
Tgt Ion:264 Resp: 1537396

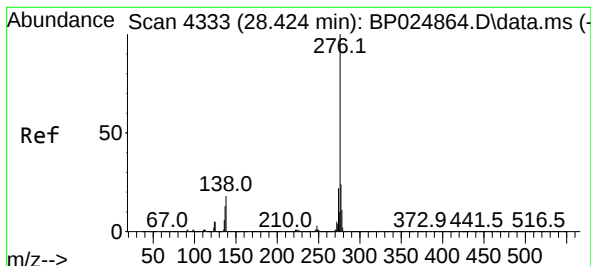
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.378 ng

RT: 28.512 min Scan# 41

Delta R.T. 0.088 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

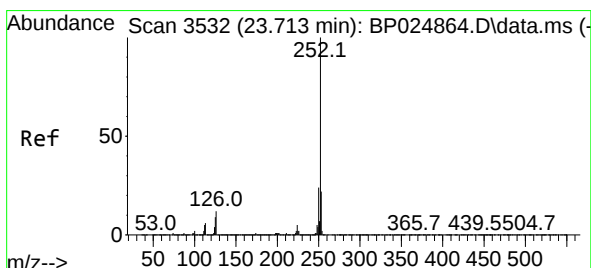
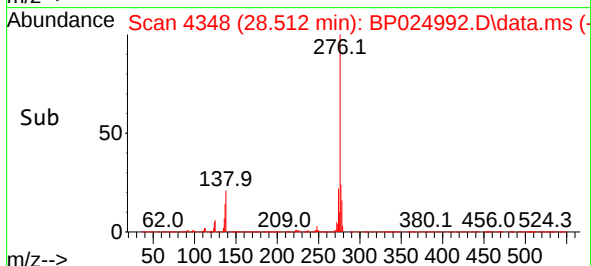
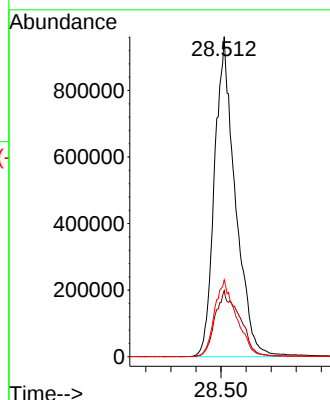
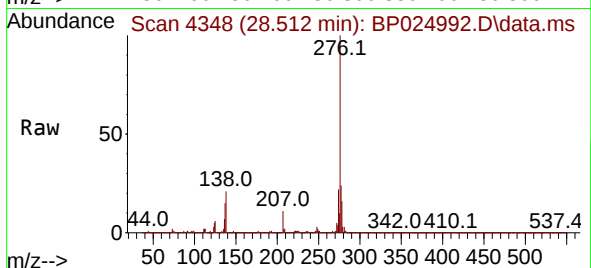
Tgt Ion:276 Resp: 5538832

Ion Ratio Lower Upper

276 100

138 24.3 18.6 27.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.636 ng

RT: 23.807 min Scan# 3548

Delta R.T. 0.094 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

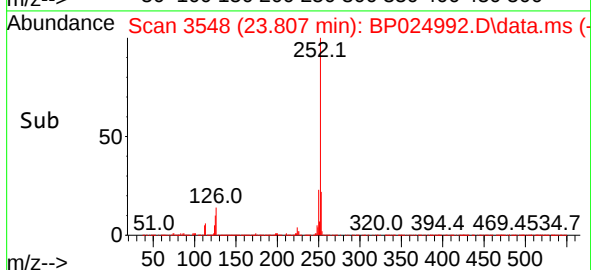
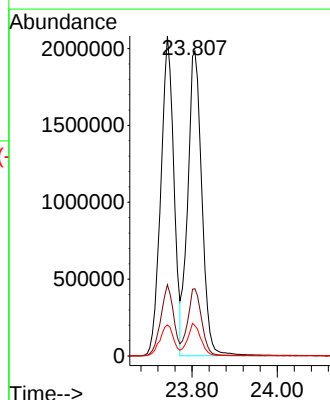
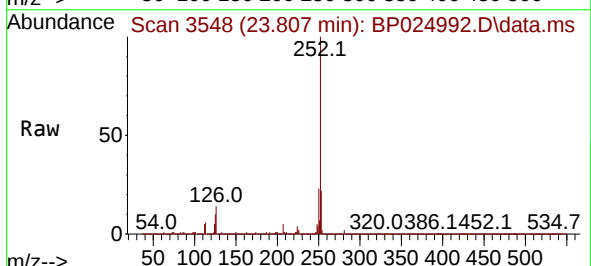
Tgt Ion:252 Resp: 4543262

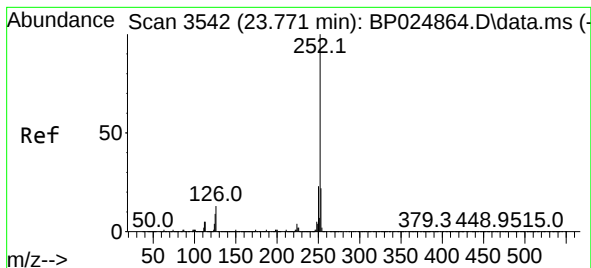
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.728 ng

RT: 23.807 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

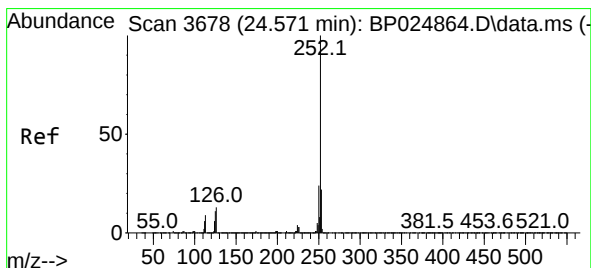
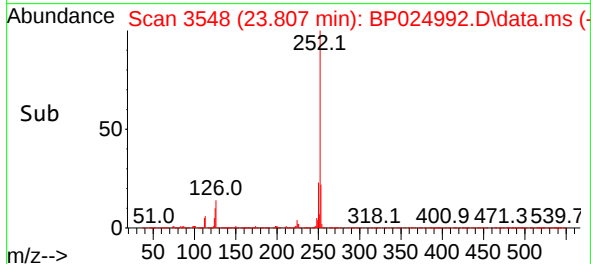
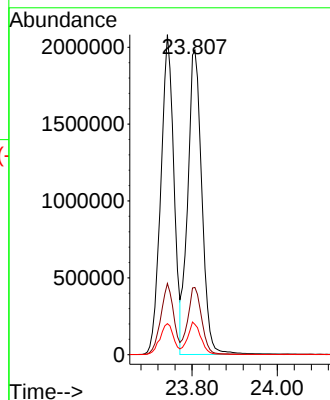
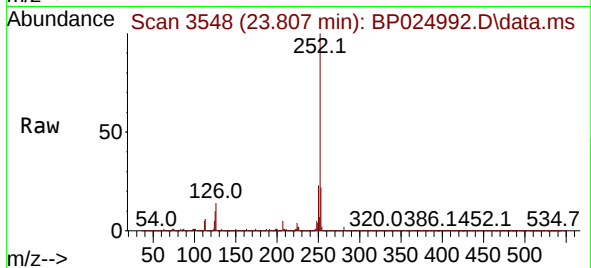
Tgt Ion:252 Resp: 4543262

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 50.995 ng

RT: 24.624 min Scan# 3687

Delta R.T. 0.053 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

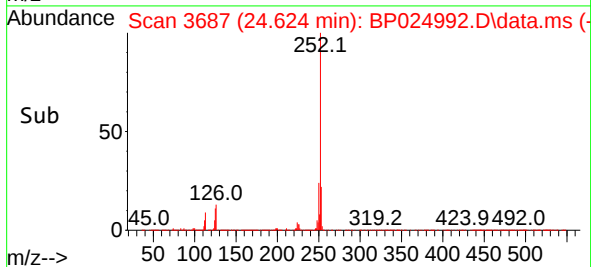
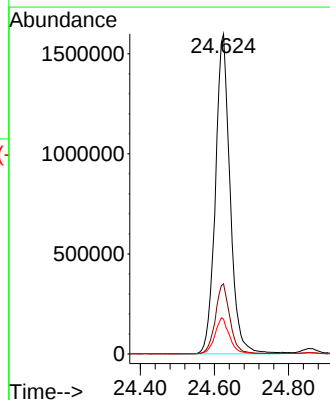
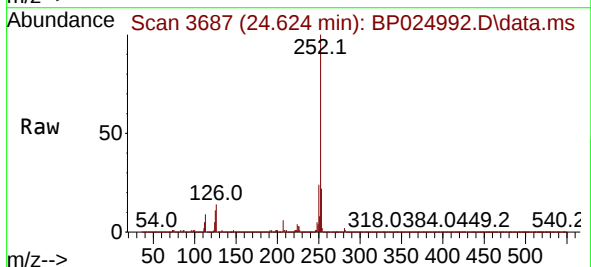
Tgt Ion:252 Resp: 4381759

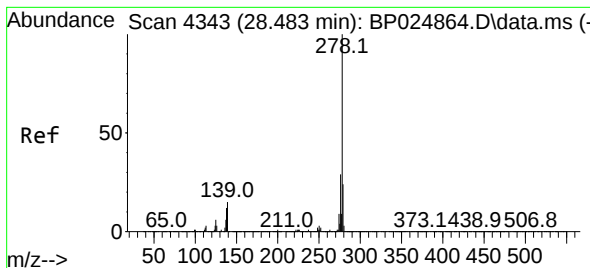
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 49.843 ng

RT: 28.571 min Scan# 41

Delta R.T. 0.088 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168517BS

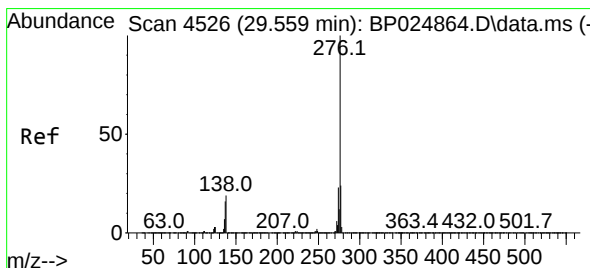
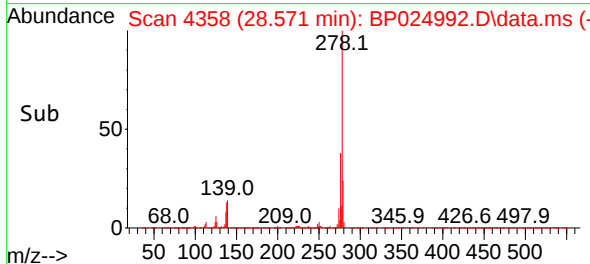
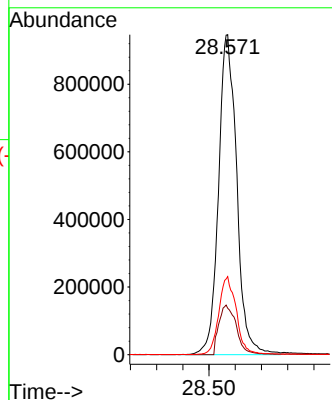
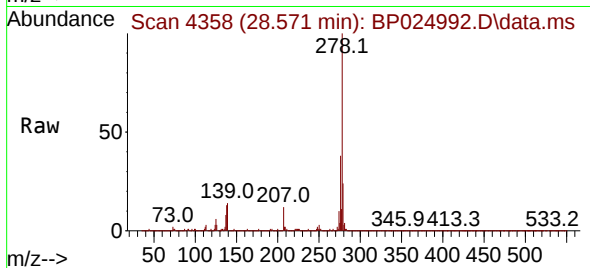
Tgt Ion:278 Resp: 4550884

Ion Ratio Lower Upper

278 100

139 14.5 12.0 18.0

279 24.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.010 ng

RT: 29.665 min Scan# 4544

Delta R.T. 0.106 min

Lab File: BP024992.D

Acq: 18 Jun 2025 13:20

Tgt Ion:276 Resp: 4439895

Ion Ratio Lower Upper

276 100

277 22.8 19.1 28.7

138 20.0 15.4 23.2

