

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024990.D
 Acq On : 18 Jun 2025 11:58
 Operator : RC/JU
 Sample : PB168509BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168509BSD

Quant Time: Jun 18 12:31:52 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	299910	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1166185	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	733128	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1403510	20.000	ng	0.00
76) Chrysene-d12	21.507	240	1366565	20.000	ng	0.02
86) Perylene-d12	24.766	264	1569185	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2484145	138.259	ng	0.00
7) Phenol-d6	6.819	99	3107179	130.704	ng	0.00
23) Nitrobenzene-d5	8.761	82	1911090	79.632	ng	0.00
42) 2,4,6-Tribromophenol	15.790	330	1418398	139.938	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4232186	77.766	ng	0.00
79) Terphenyl-d14	19.795	244	6553125	85.944	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	284045	35.929	ng	99
3) Pyridine	3.561	79	743327	39.096	ng	99
4) n-Nitrosodimethylamine	3.478	42	328630	42.279	ng	92
6) Aniline	6.949	93	1235775	40.734	ng	100
8) 2-Chlorophenol	7.184	128	941400	46.219	ng	99
9) Benzaldehyde	6.767	77	633247	46.215	ng	99
10) Phenol	6.843	94	1117619	45.604	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	844984	43.838	ng	100
12) 1,3-Dichlorobenzene	7.496	146	970740	42.722	ng	98
13) 1,4-Dichlorobenzene	7.637	146	984634	42.947	ng	100
14) 1,2-Dichlorobenzene	7.949	146	950737	42.230	ng	99
15) Benzyl Alcohol	7.861	79	803144	44.020	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.119	45	1073541	42.553	ng	99
17) 2-Methylphenol	8.072	107	766377	44.782	ng	98
18) Hexachloroethane	8.661	117	368133	42.649	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	651176	40.293	ng	99
20) 3+4-Methylphenols	8.396	107	1028161	44.036	ng	96
22) Acetophenone	8.425	105	1302962	44.222	ng	# 99
24) Nitrobenzene	8.802	77	971781	45.580	ng	97
25) Isophorone	9.319	82	1812664	43.581	ng	100
26) 2-Nitrophenol	9.508	139	499027	47.438	ng	97
27) 2,4-Dimethylphenol	9.578	122	854286	47.451	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	1119193	45.109	ng	98
29) 2,4-Dichlorophenol	10.055	162	850742	49.248	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	854980	43.881	ng	99
31) Naphthalene	10.425	128	2621431	43.864	ng	100
32) Benzoic acid	9.790	122	624830	51.358	ng	100
33) 4-Chloroaniline	10.555	127	1047248	41.826	ng	99
34) Hexachlorobutadiene	10.696	225	525402	44.741	ng	100
35) Caprolactam	11.366	113	308074	48.449	ng	99
36) 4-Chloro-3-methylphenol	11.707	107	972619	48.814	ng	99
37) 2-Methylnaphthalene	12.043	142	1675151	44.189	ng	100
38) 1-Methylnaphthalene	12.266	142	1757465	43.363	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	927674	44.594	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1047895	82.587	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	681683	48.794	ng	100

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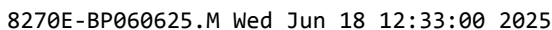
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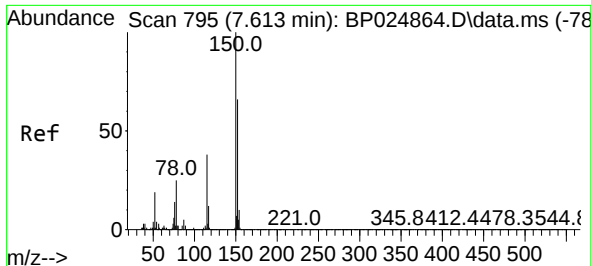
Quant Time: Jun 18 12:31:52 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	748555	50.032	ng	97
46) 1,1'-Biphenyl	13.072	154	2383854	44.744	ng	100
47) 2-Chloronaphthalene	13.113	162	1819971	44.445	ng	99
48) 2-Nitroaniline	13.343	65	627063	49.810	ng	98
49) Acenaphthylene	13.972	152	3099280	45.393	ng	99
50) Dimethylphthalate	13.713	163	2498151	46.192	ng	100
51) 2,6-Dinitrotoluene	13.843	165	560816	48.102	ng	98
52) Acenaphthene	14.319	154	1758762	44.953	ng	99
53) 3-Nitroaniline	14.190	138	543051	44.884	ng	95
54) 2,4-Dinitrophenol	14.413	184	742251	96.535	ng	95
55) Dibenzofuran	14.666	168	2803128	44.634	ng	99
56) 4-Nitrophenol	14.560	139	815107	79.606	ng	97
57) 2,4-Dinitrotoluene	14.654	165	799291	49.010	ng	96
58) Fluorene	15.325	166	2275415	44.851	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	645957	48.322	ng	99
60) Diethylphthalate	15.095	149	2563286	47.558	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	1141757	46.028	ng	96
62) 4-Nitroaniline	15.378	138	568319	51.805	ng	93
63) Azobenzene	15.619	77	2344933	47.437	ng	99
65) 4,6-Dinitro-2-methylph...	15.443	198	460759	49.961	ng	99
66) n-Nitrosodiphenylamine	15.548	169	2088138	48.001	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	758651	47.906	ng	98
68) Hexachlorobenzene	16.360	284	890805	46.401	ng	98
69) Atrazine	16.537	200	786664	49.882	ng	99
70) Pentachlorophenol	16.725	266	1096155	110.322	ng	99
71) Phenanthrene	17.113	178	3580172	46.160	ng	99
72) Anthracene	17.207	178	3659978	46.594	ng	99
73) Carbazole	17.495	167	3477343	47.760	ng	100
74) Di-n-butylphthalate	18.072	149	4364669	48.384	ng	100
75) Fluoranthene	19.207	202	4111368	45.735	ng	99
77) Benzidine	19.407	184	3332482	78.736	ng	100
78) Pyrene	19.584	202	4274371	50.066	ng	100
80) Butylbenzylphthalate	20.531	149	1996163	51.044	ng	97
81) Benzo(a)anthracene	21.489	228	4162196	47.621	ng	100
82) 3,3'-Dichlorobenzidine	21.407	252	1476481	42.551	ng	98
83) Chrysene	21.554	228	3811592	46.024	ng	99
84) Bis(2-ethylhexyl)phtha...	21.413	149	2841879	50.721	ng	100
85) Di-n-octyl phthalate	22.654	149	4930399	49.924	ng	99
87) Indeno(1,2,3-cd)pyrene	28.495	276	5516053	48.179	ng	99
88) Benzo(b)fluoranthene	23.748	252	4287694	47.745	ng	99
89) Benzo(k)fluoranthene	23.813	252	4251992	46.514	ng	99
90) Benzo(a)pyrene	24.624	252	4192073	47.799	ng	100
91) Dibenzo(a,h)anthracene	28.548	278	4526985	48.577	ng	99
92) Benzo(g,h,i)perylene	29.654	276	4442192	48.042	ng	98

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

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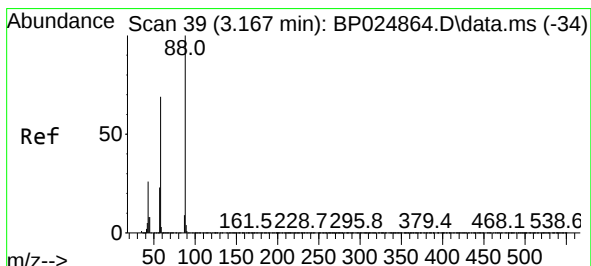
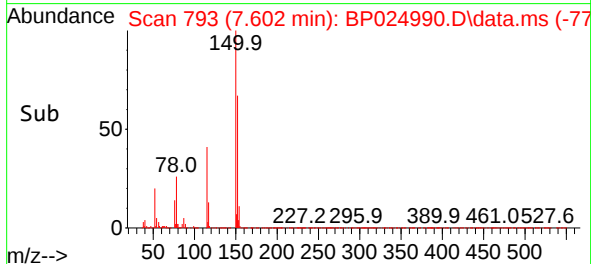
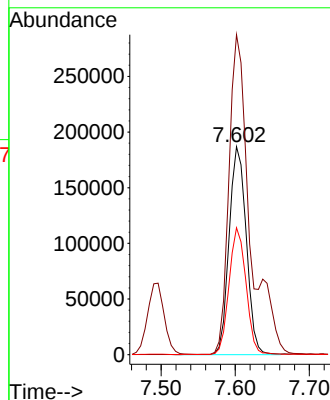
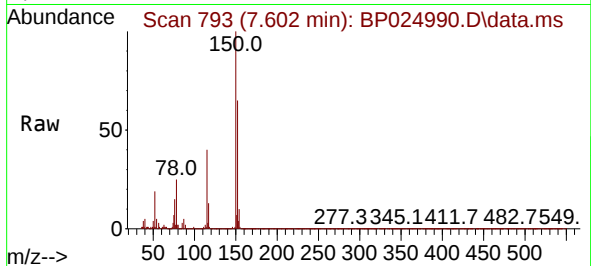




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP024990.D
 Acq: 18 Jun 2025 11:58

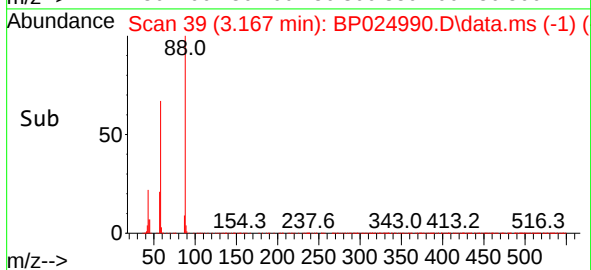
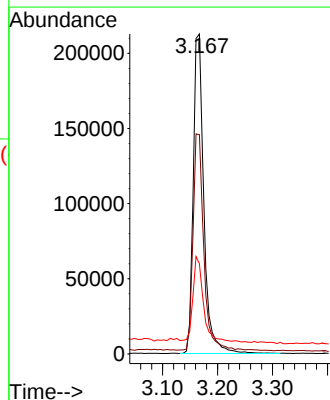
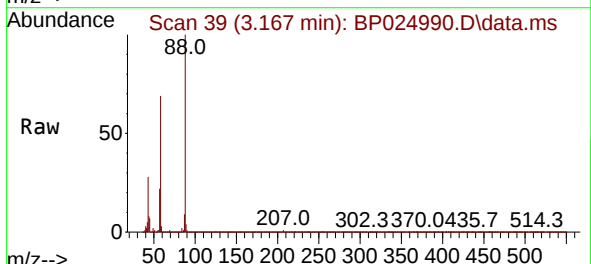
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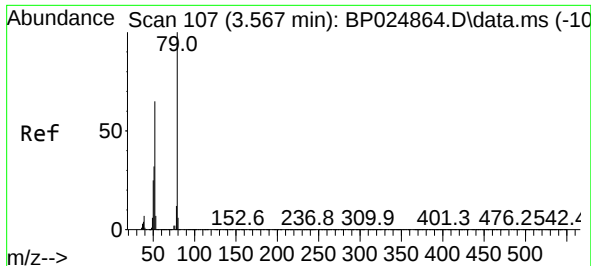
Tgt Ion:152 Resp: 299910
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.1 183.1
 115 61.0 46.4 69.6



#2
 1,4-Dioxane
 Concen: 35.929 ng
 RT: 3.167 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BP024990.D
 Acq: 18 Jun 2025 11:58

Tgt Ion: 88 Resp: 284045
 Ion Ratio Lower Upper
 88 100
 58 69.1 55.4 83.0
 43 27.1 20.8 31.2

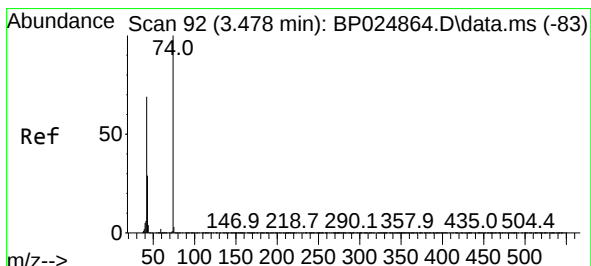
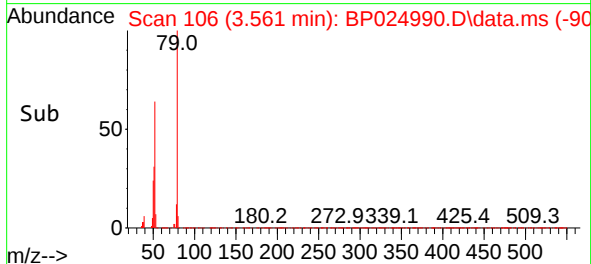
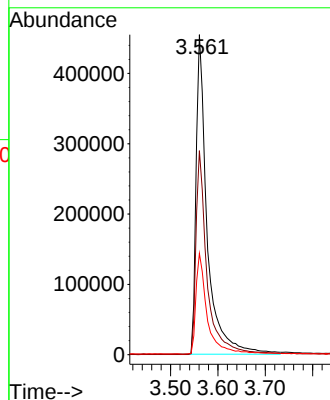
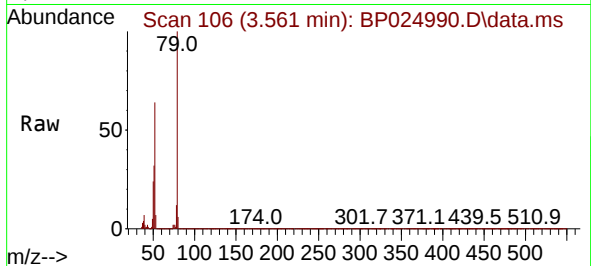




#3
Pyridine
Concen: 39.096 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

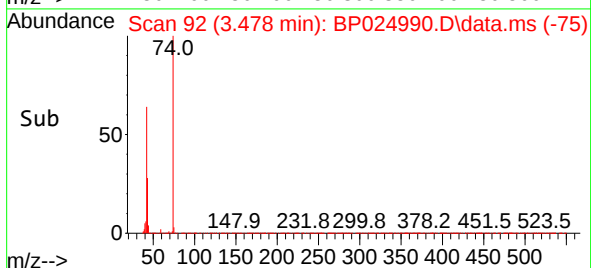
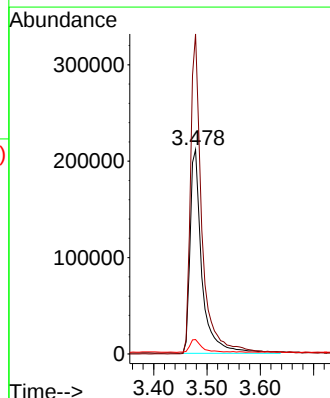
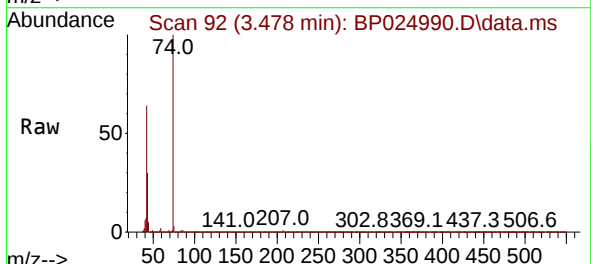
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

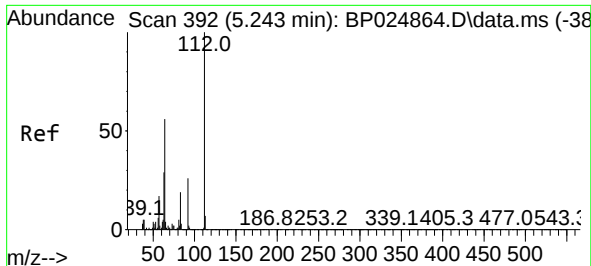
Tgt Ion: 79 Resp: 743327
Ion Ratio Lower Upper
79 100
52 63.8 51.6 77.4
51 31.7 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 42.279 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion: 42 Resp: 328630
Ion Ratio Lower Upper
42 100
74 156.6 116.6 174.8
44 7.1 5.4 8.0

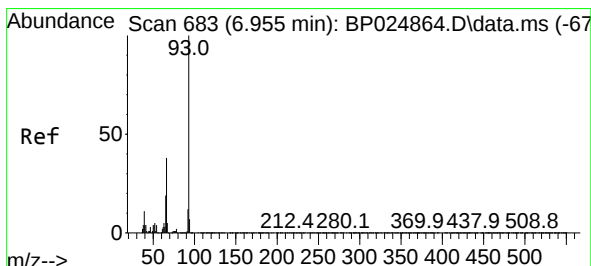
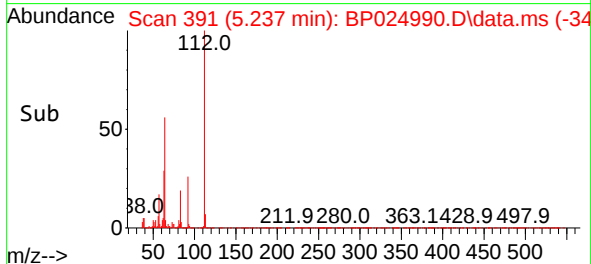
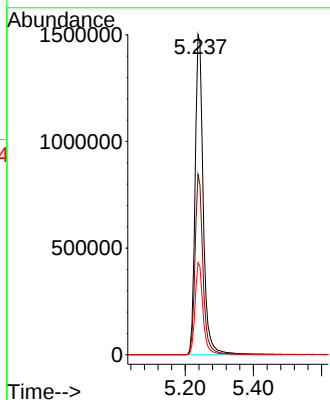
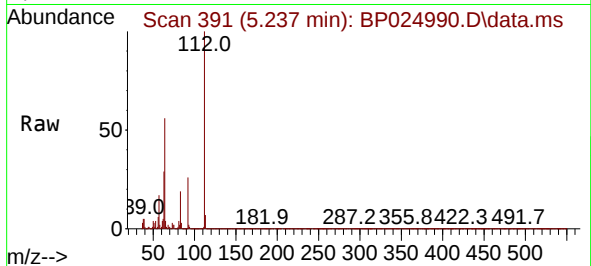




#5
2-Fluorophenol
Concen: 138.259 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

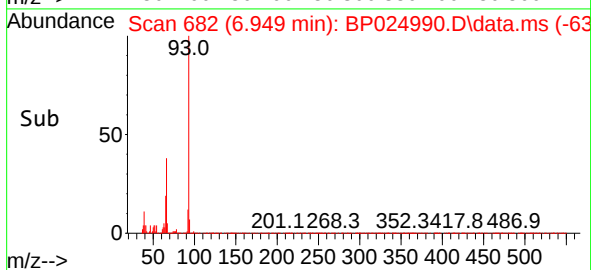
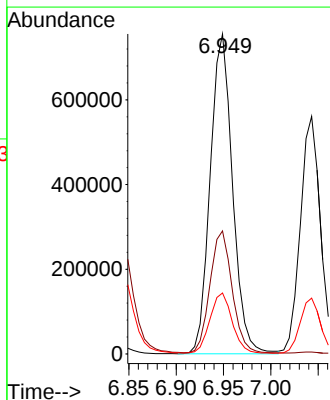
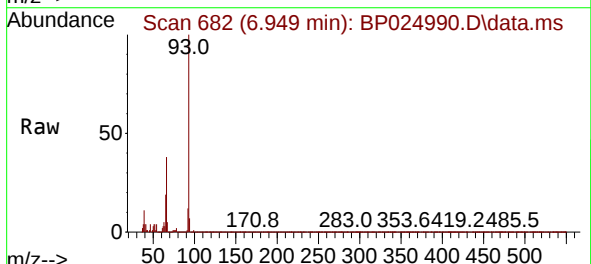
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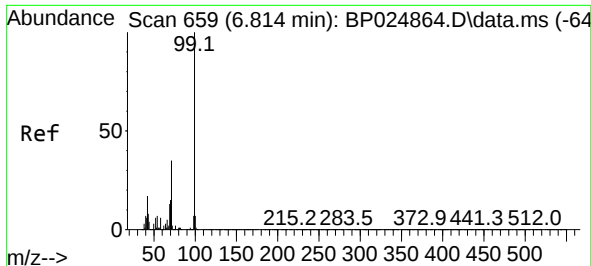
Tgt Ion:112 Resp: 2484145
Ion Ratio Lower Upper
112 100
64 56.3 44.7 67.1
63 28.8 23.5 35.3



#6
Aniline
Concen: 40.734 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion: 93 Resp: 1235775
Ion Ratio Lower Upper
93 100
66 38.5 30.9 46.3
65 19.0 15.5 23.3

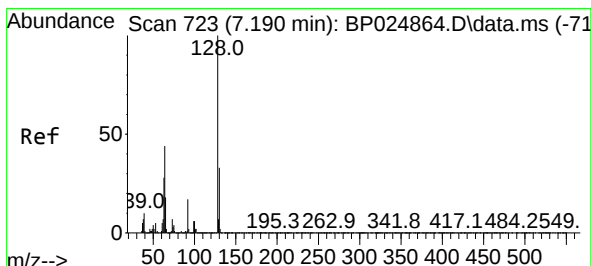
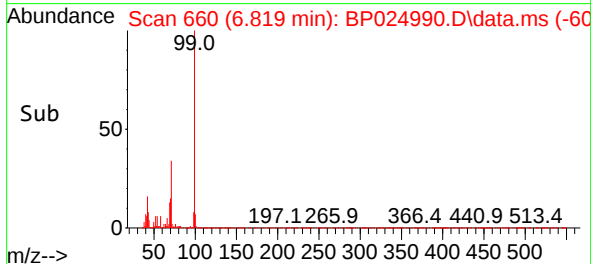
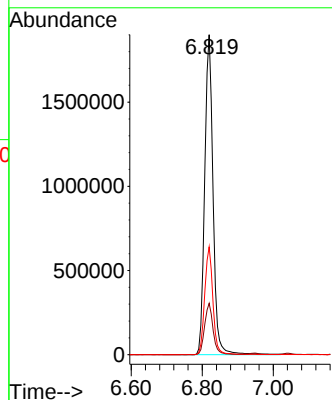
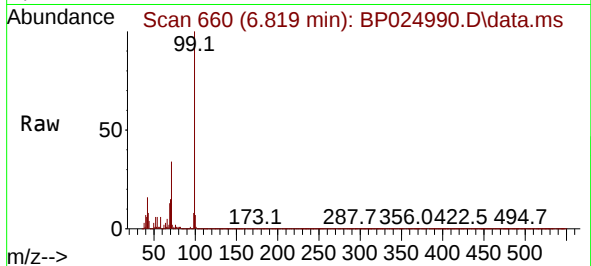




#7
Phenol-d6
Concen: 130.704 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

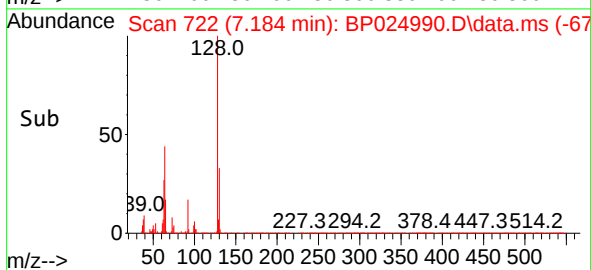
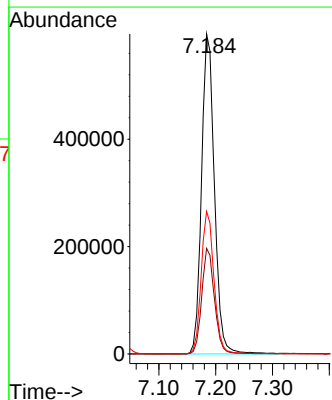
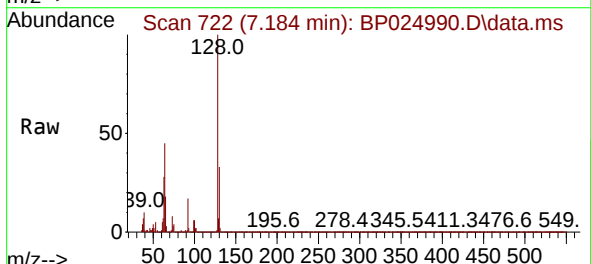
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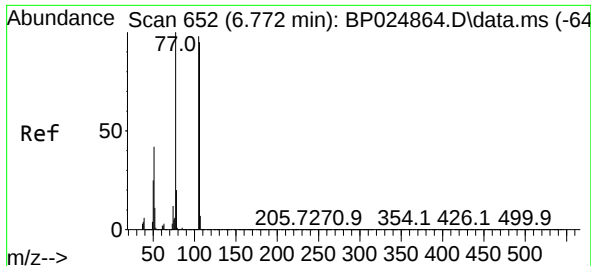
Tgt Ion: 99 Resp: 3107179
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 33.7 27.6 41.4



#8
2-Chlorophenol
Concen: 46.219 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:128 Resp: 941400
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 44.5 24.1 64.1

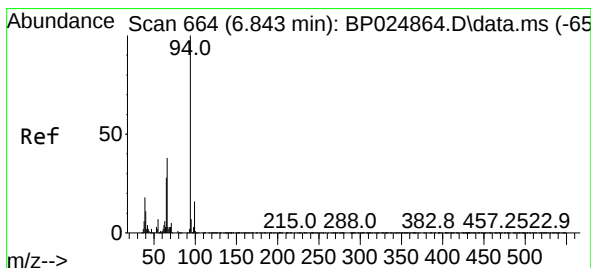
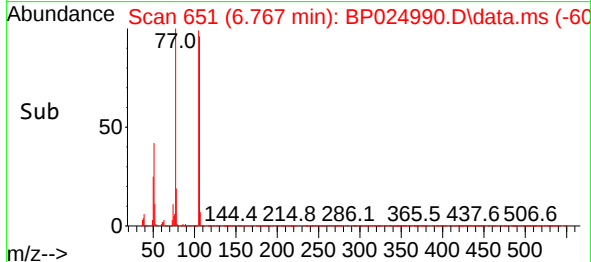
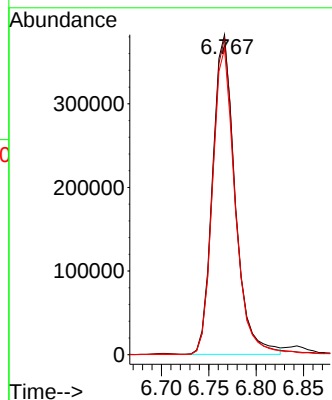
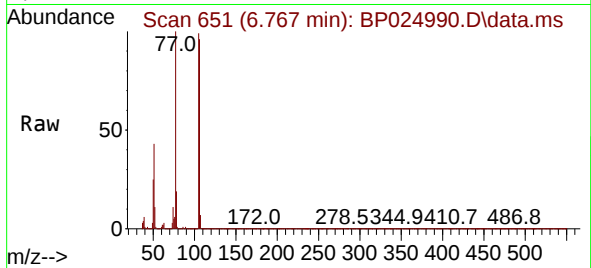




#9
Benzaldehyde
Concen: 46.215 ng
RT: 6.767 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

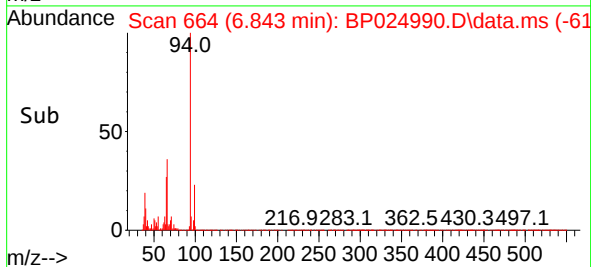
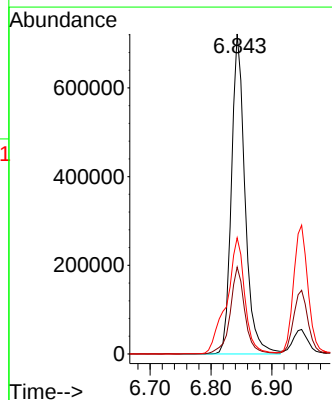
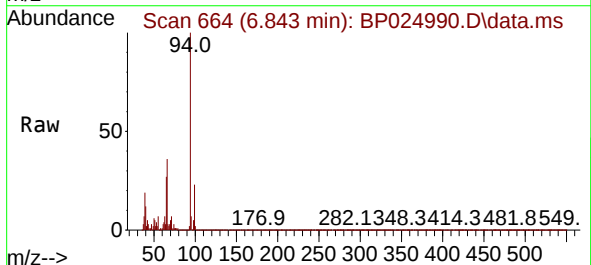
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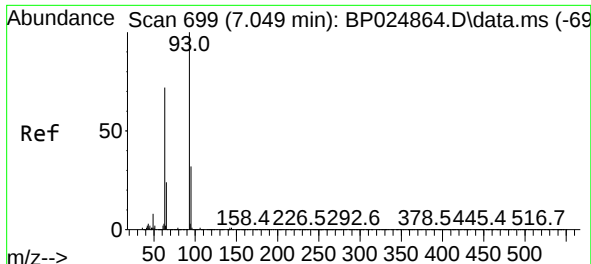
Tgt Ion: 77 Resp: 633247
Ion Ratio Lower Upper
77 100
105 99.0 77.7 117.7
106 95.7 74.8 114.8



#10
Phenol
Concen: 45.604 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024990.D
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Tgt Ion: 94 Resp: 1117619
Ion Ratio Lower Upper
94 100
65 27.1 8.3 48.3
66 36.3 18.2 58.2

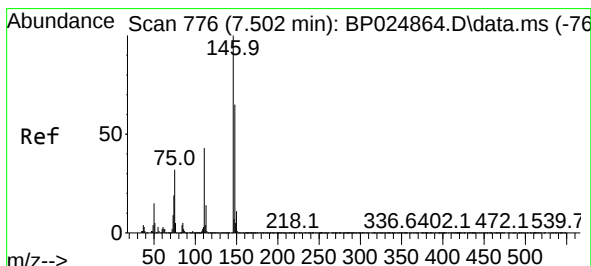
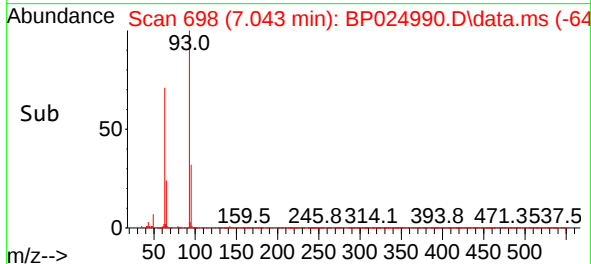
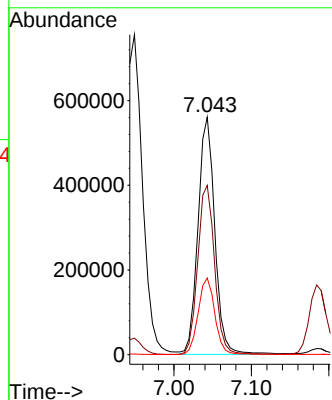
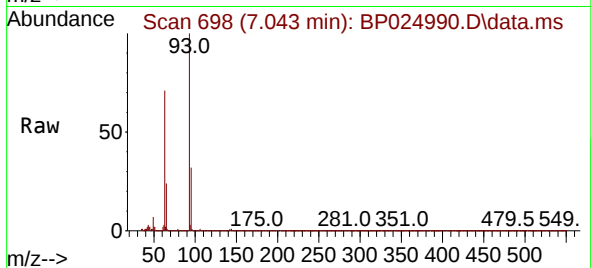




#11
bis(2-Chloroethyl)ether
Concen: 43.838 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

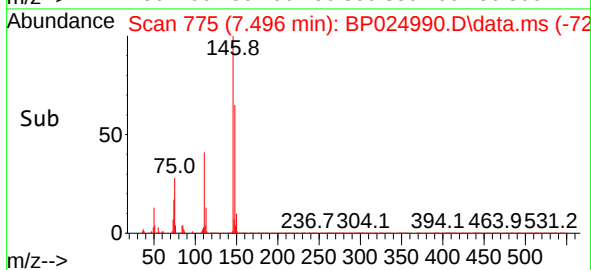
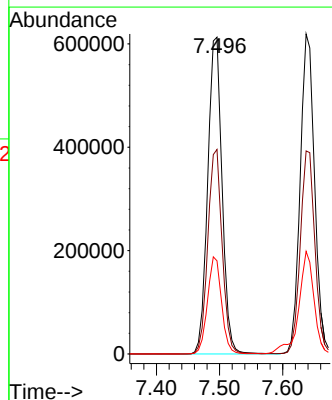
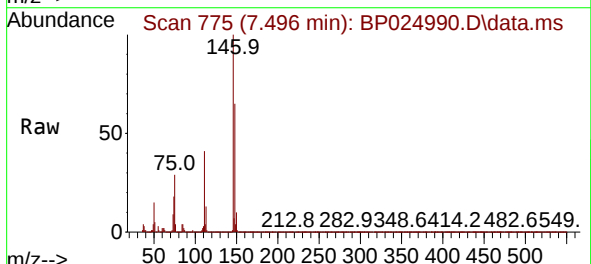
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

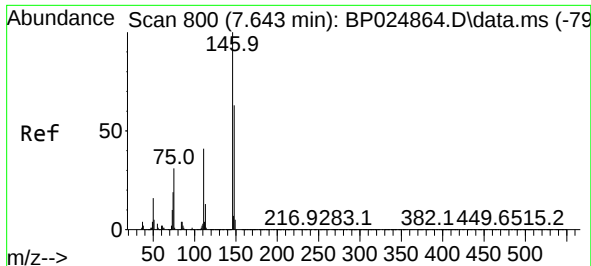
Tgt Ion: 93 Resp: 844984
Ion Ratio Lower Upper
93 100
63 71.3 51.6 91.6
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.722 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion: 146 Resp: 970740
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.4 25.3 37.9

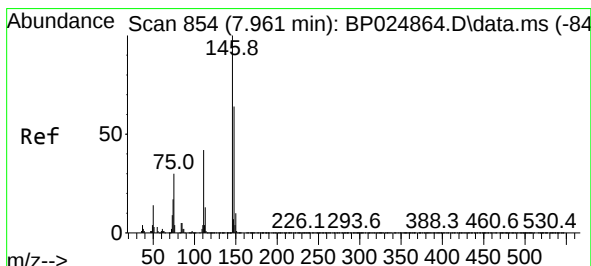
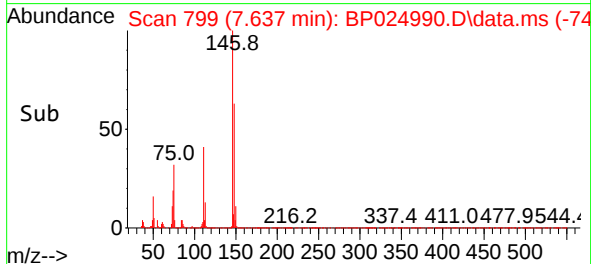
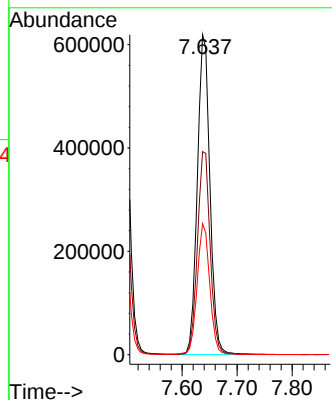
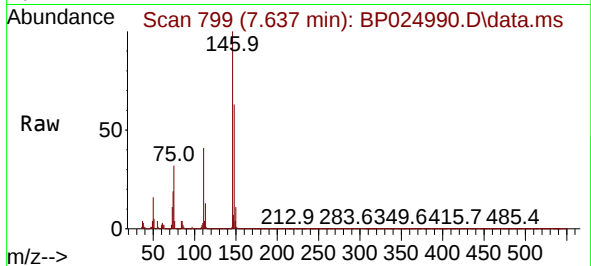




#13
1,4-Dichlorobenzene
Concen: 42.947 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

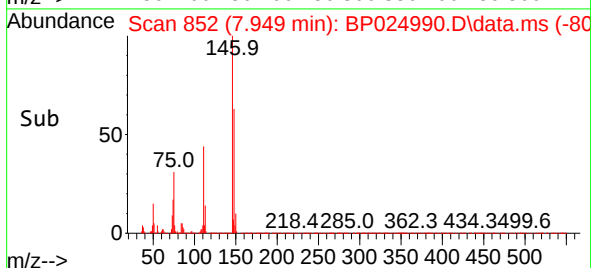
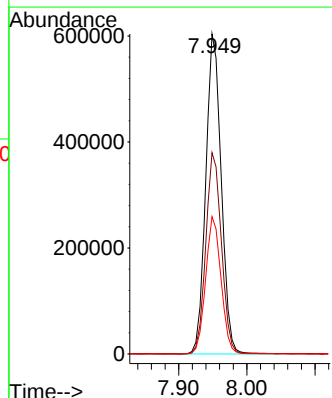
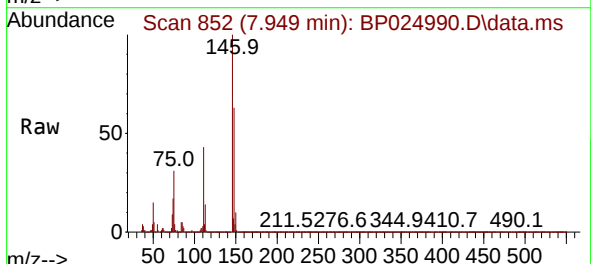
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

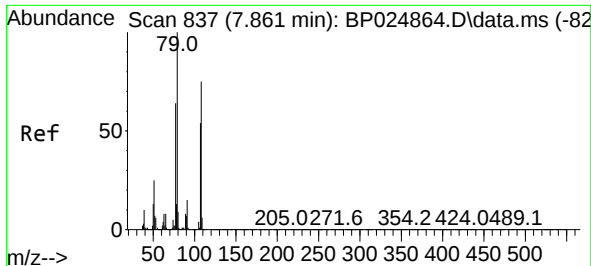
Tgt Ion:146 Resp: 984634
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
111 41.0 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 42.230 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:146 Resp: 950737
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
111 42.9 33.8 50.8

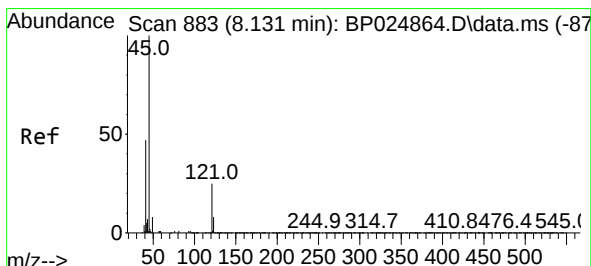
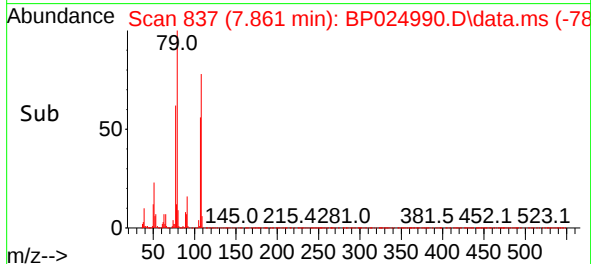
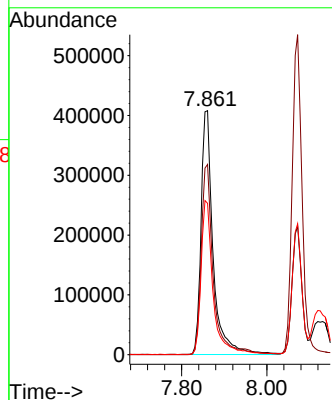
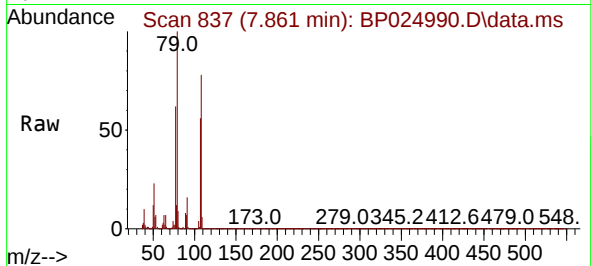




#15
Benzyl Alcohol
Concen: 44.020 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

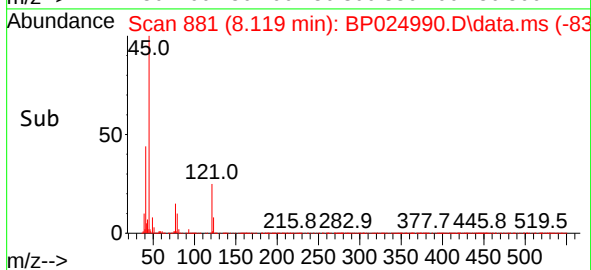
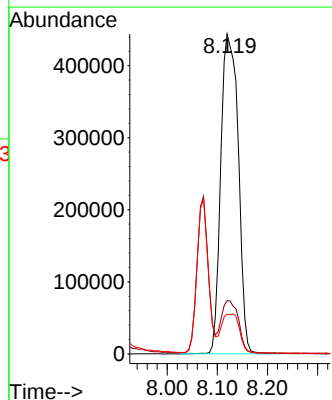
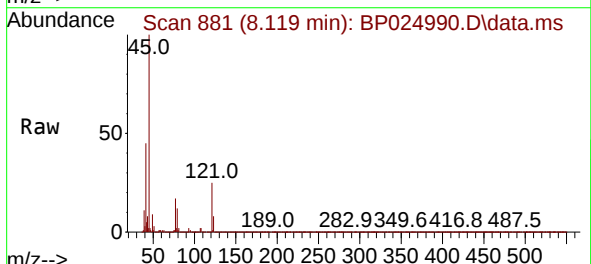
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

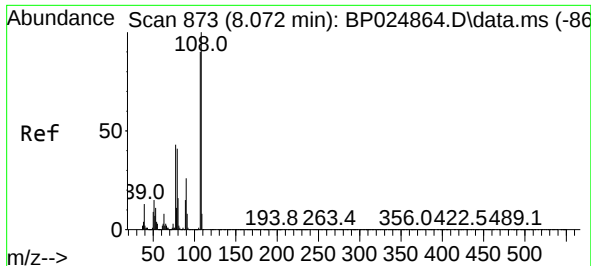
Tgt Ion: 79 Resp: 803144
Ion Ratio Lower Upper
79 100
108 78.0 60.2 90.4
77 62.0 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.553 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion: 45 Resp: 1073541
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.3
79 12.5 0.0 32.2

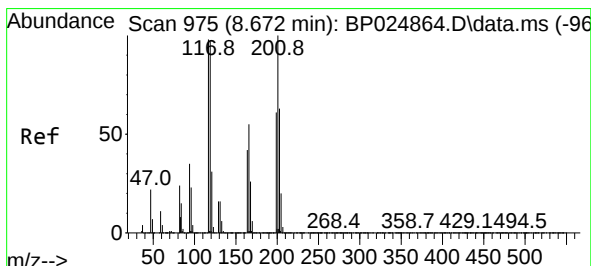
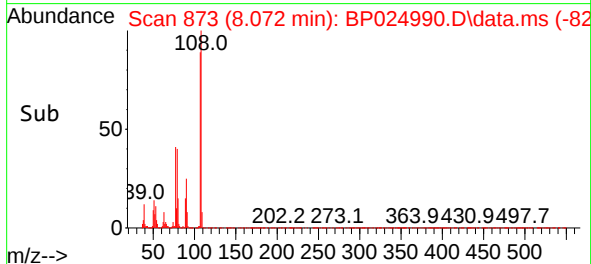
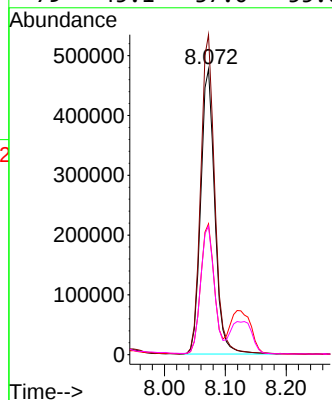
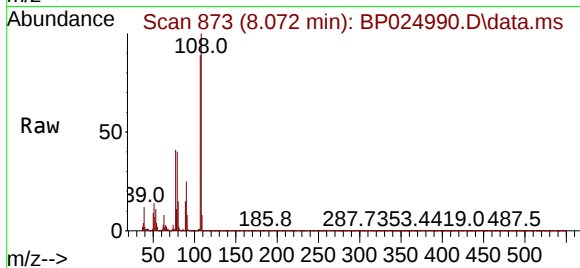




#17
2-Methylphenol
Concen: 44.782 ng
RT: 8.072 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

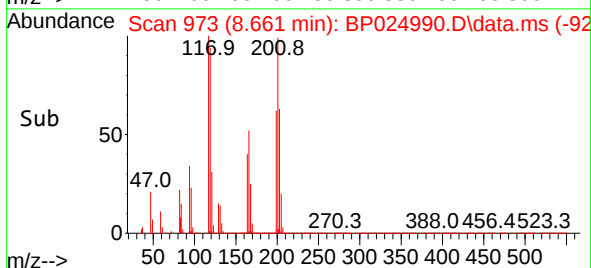
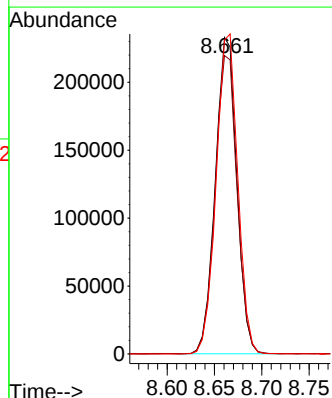
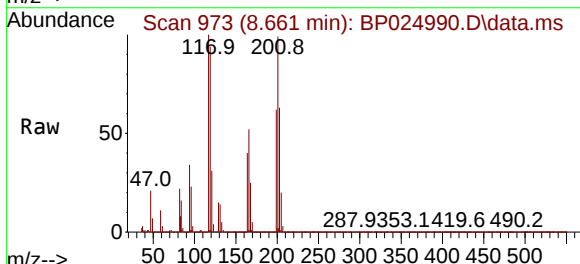
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

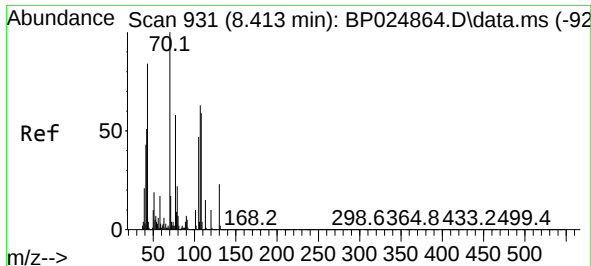
Tgt Ion:	107	Resp:	766377
Ion	Ratio	Lower	Upper
107	100		
108	112.1	88.6	132.8
77	45.9	38.5	57.7
79	45.1	37.0	55.6



#18
Hexachloroethane
Concen: 42.649 ng
RT: 8.661 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:	117	Resp:	368133
Ion	Ratio	Lower	Upper
117	100		
119	94.3	79.4	119.2
201	99.2	81.4	122.2

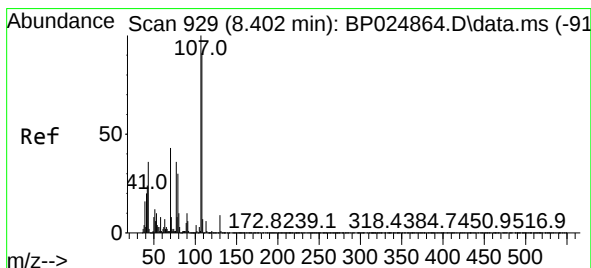
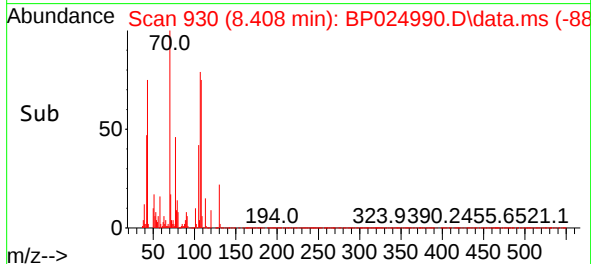
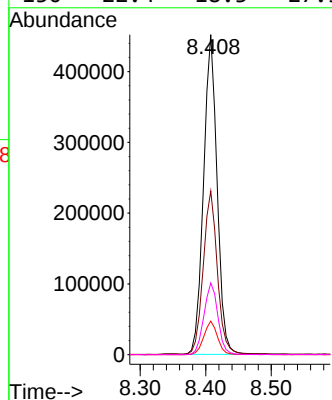
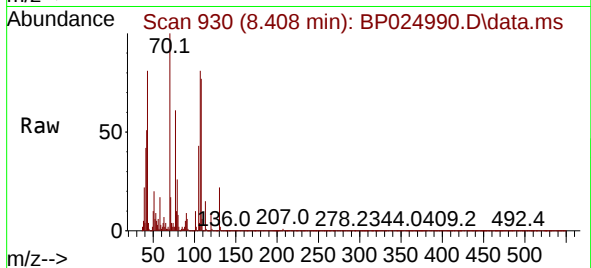




#19
n-Nitroso-di-n-propylamine
Concen: 40.293 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

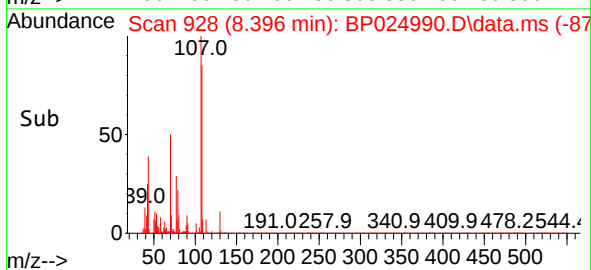
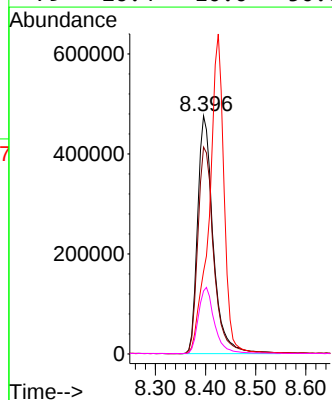
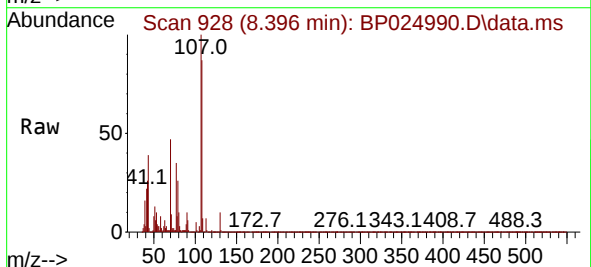
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

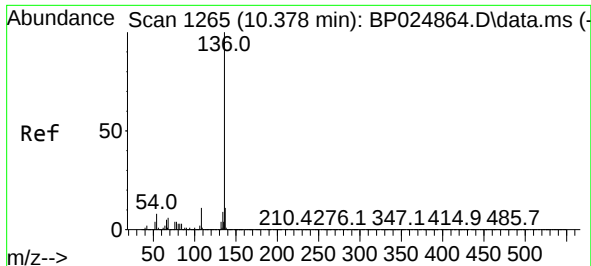
Tgt Ion:	70	Resp:	651176
Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.2	61.8
101	10.5	8.3	12.5
130	22.4	18.3	27.5



#20
3+4-Methylphenols
Concen: 44.036 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:	107	Resp:	1028161
Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.7	110.7
77	34.7	16.6	56.6
79	26.4	10.0	50.0

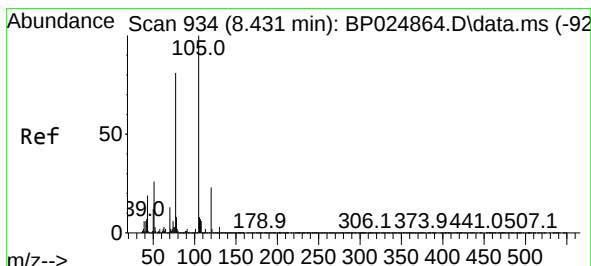
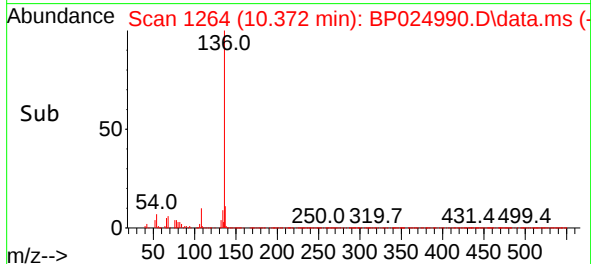
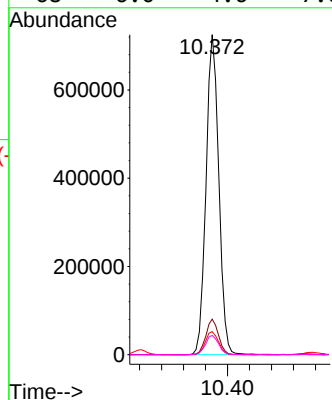
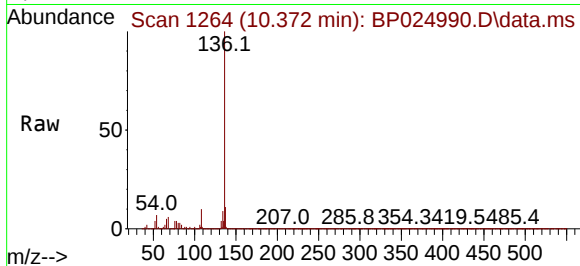




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

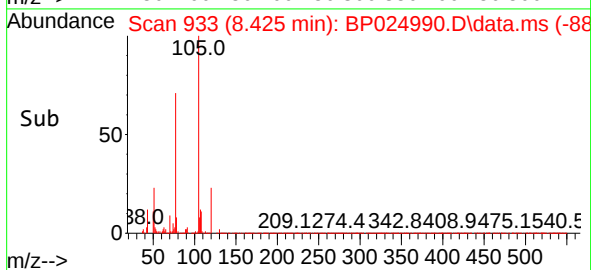
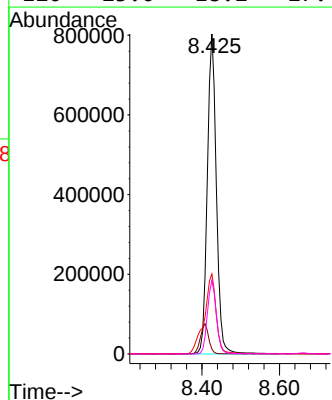
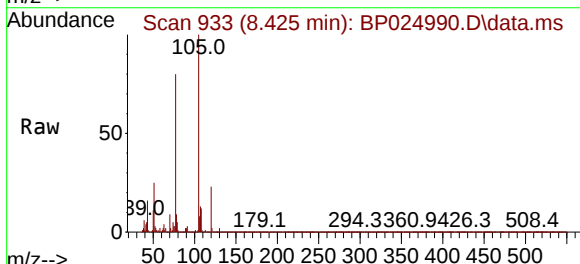
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

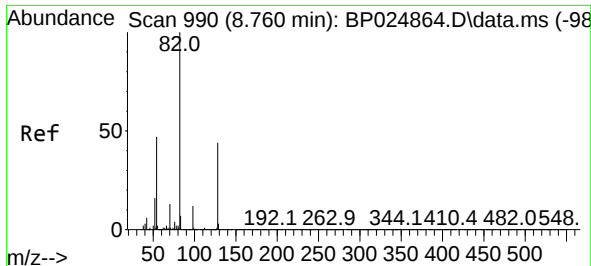
Tgt Ion:136 Resp: 1166185
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.2 6.1 9.1
68 6.0 4.6 7.0



#22
Acetophenone
Concen: 44.222 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:105 Resp: 1302962
Ion Ratio Lower Upper
105 100
71 1.6 1.6 2.4#
51 25.0 20.6 31.0
120 23.0 18.2 27.4

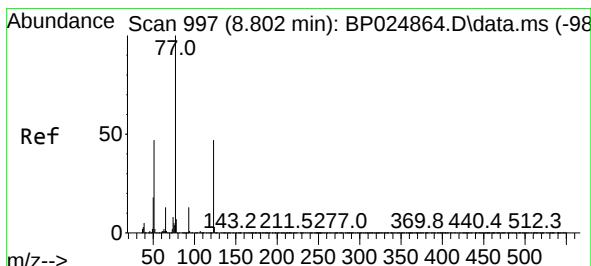
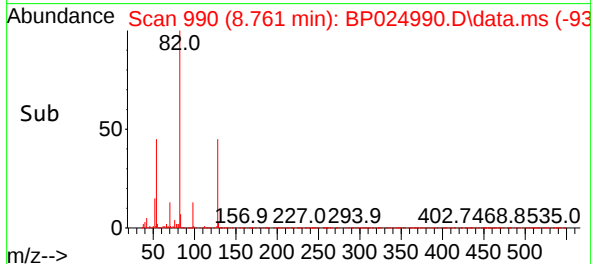
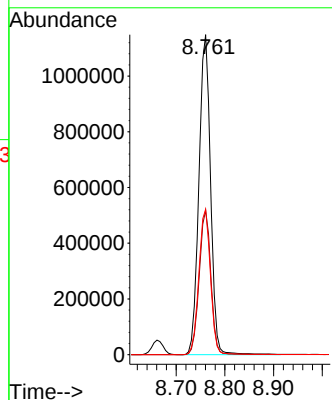
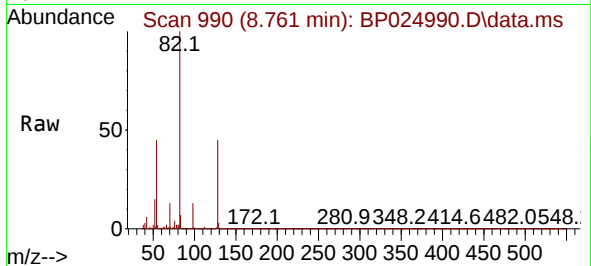




#23
Nitrobenzene-d5
Concen: 79.632 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

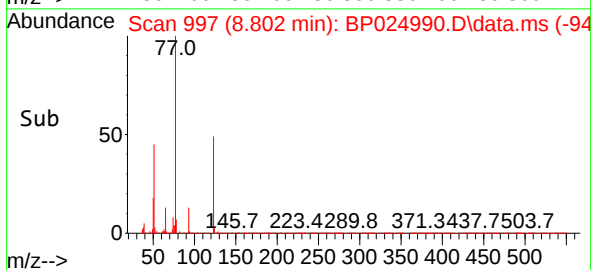
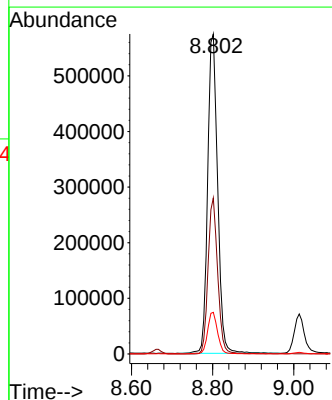
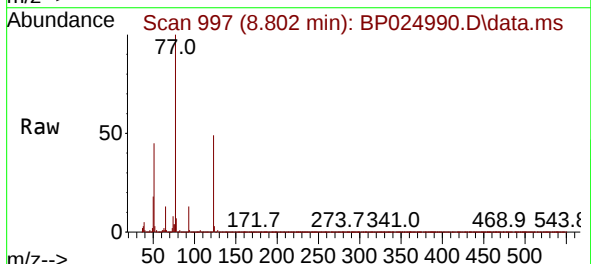
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

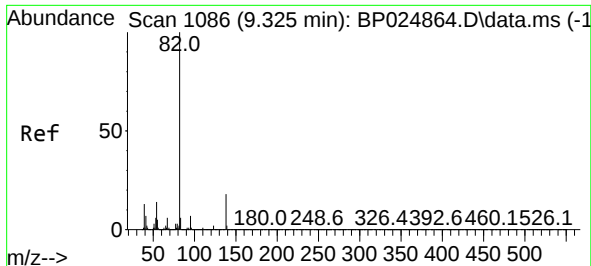
Tgt Ion: 82 Resp: 1911090
Ion Ratio Lower Upper
82 100
128 45.1 35.3 52.9
54 45.5 37.4 56.0



#24
Nitrobenzene
Concen: 45.580 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion: 77 Resp: 971781
Ion Ratio Lower Upper
77 100
123 48.7 37.3 55.9
65 13.0 10.8 16.2

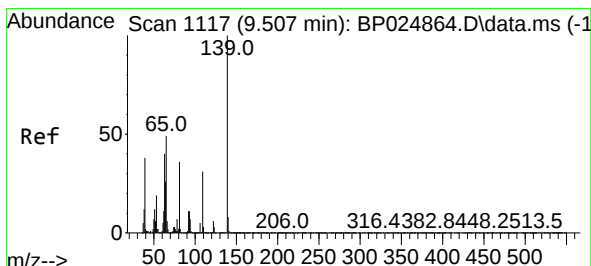
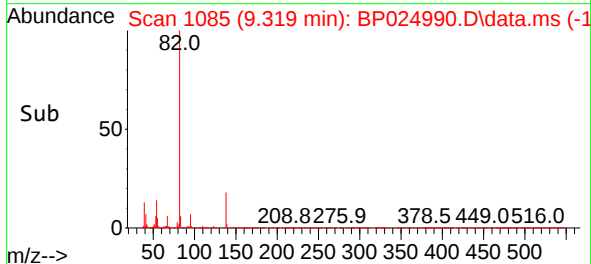
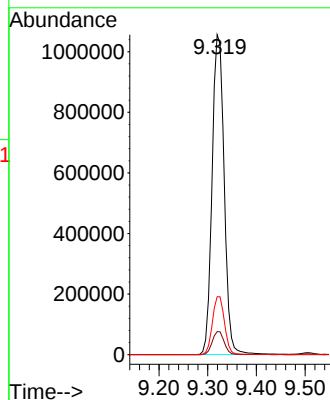
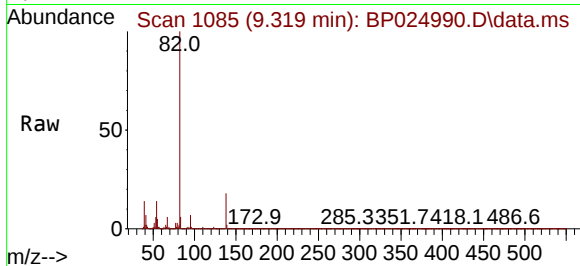




#25
Isophorone
Concen: 43.581 ng
RT: 9.319 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

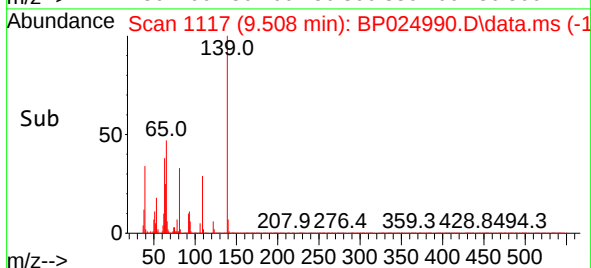
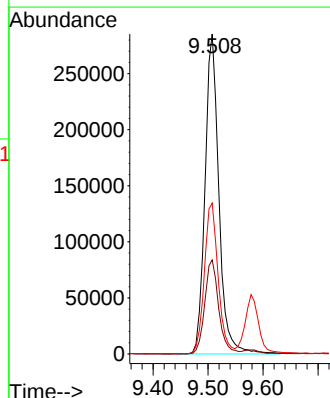
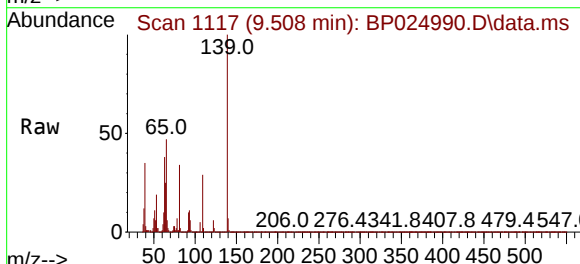
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

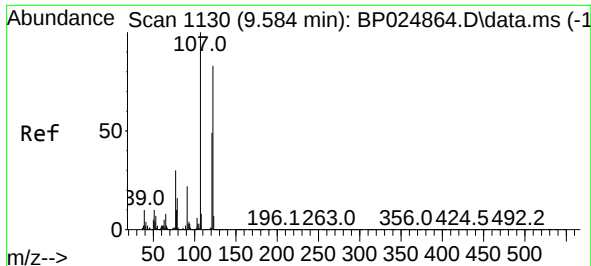
Tgt Ion: 82 Resp: 1812664
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 47.438 ng
RT: 9.508 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:139 Resp: 499027
Ion Ratio Lower Upper
139 100
109 29.4 24.6 37.0
65 47.1 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 47.451 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

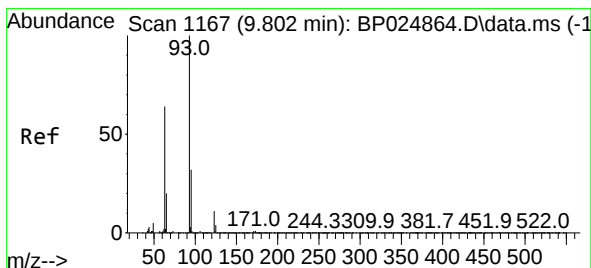
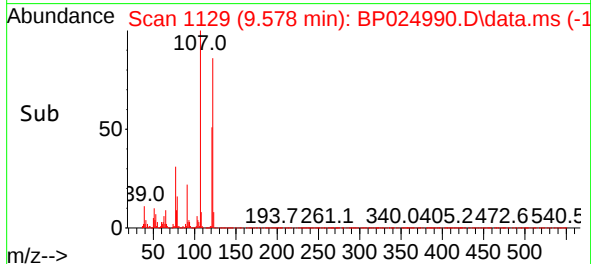
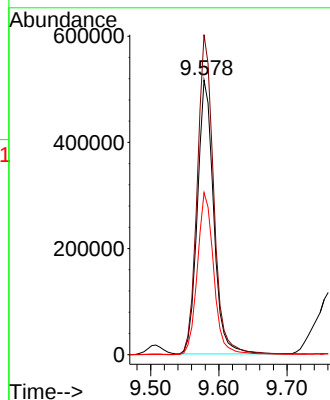
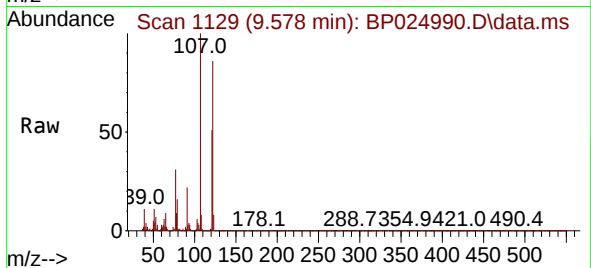
Tgt Ion:122 Resp: 854286

Ion Ratio Lower Upper

122 100

107 116.6 96.2 144.4

121 59.1 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.109 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

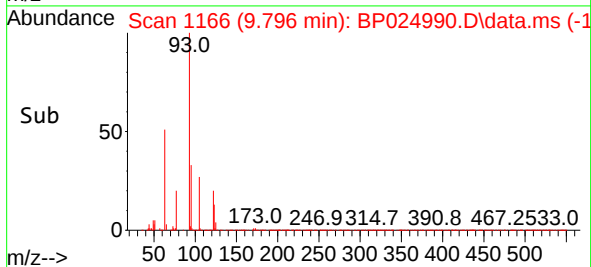
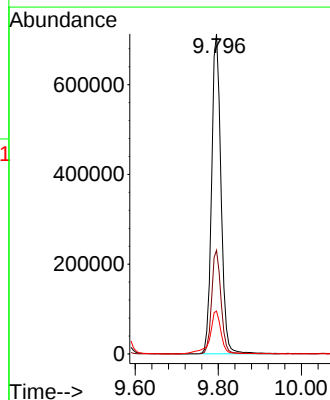
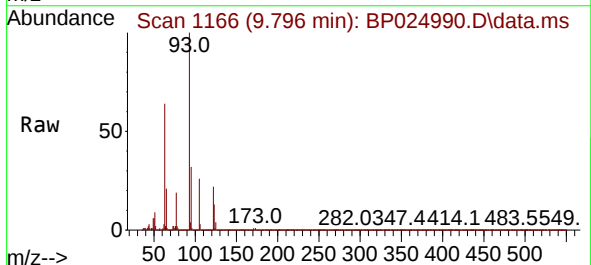
Tgt Ion: 93 Resp: 1119193

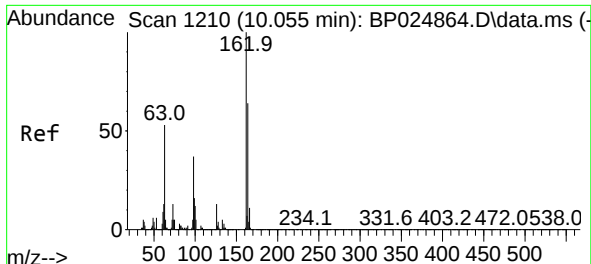
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 13.4 9.2 13.8

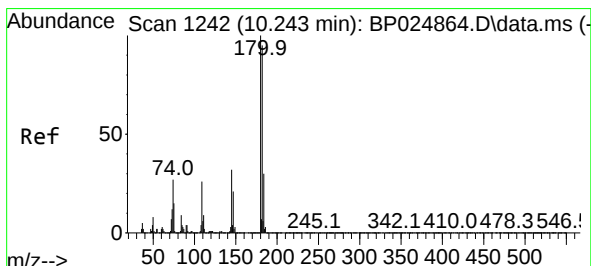
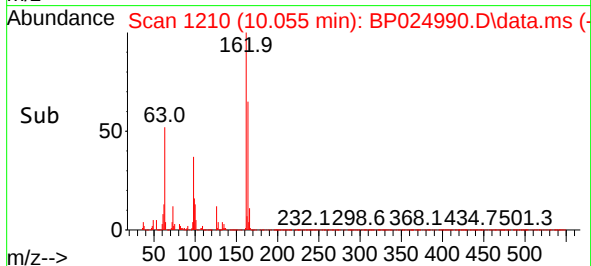
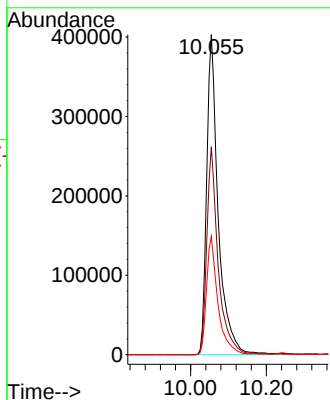
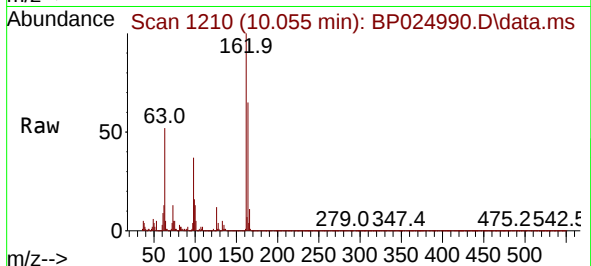




#29
2,4-Dichlorophenol
Concen: 49.248 ng
RT: 10.055 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

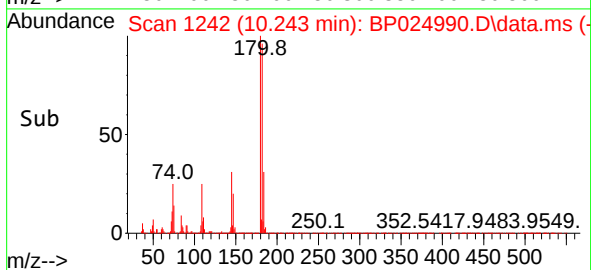
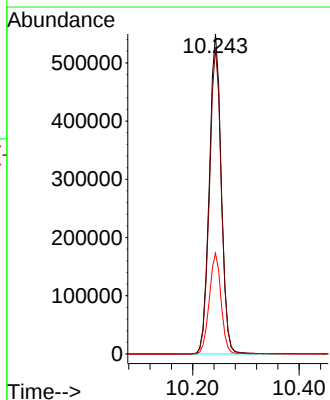
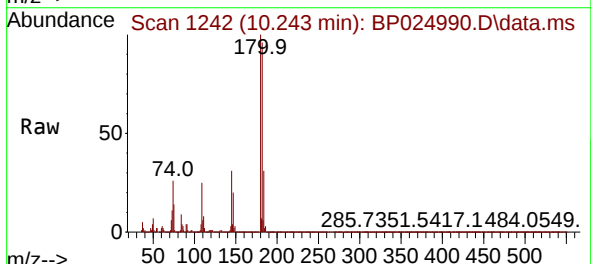
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

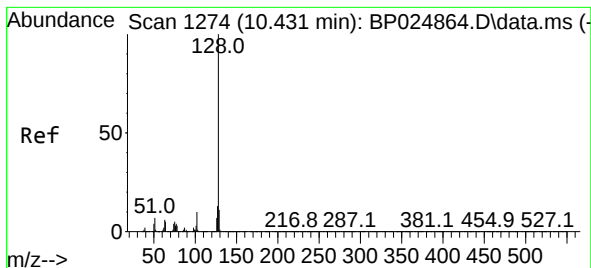
Tgt Ion:162 Resp: 850742
Ion Ratio Lower Upper
162 100
164 65.0 44.0 84.0
98 36.9 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 43.881 ng
RT: 10.243 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:180 Resp: 854980
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 31.5 25.7 38.5

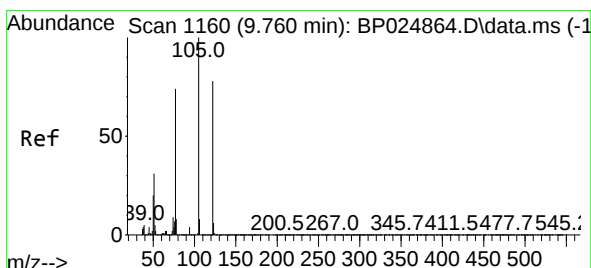
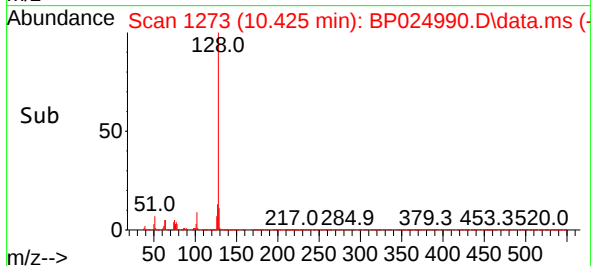
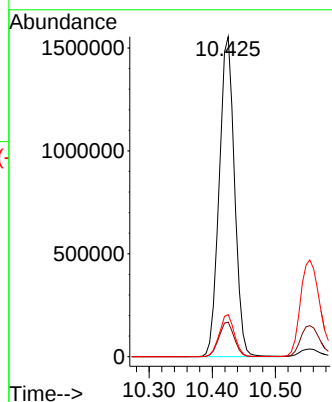
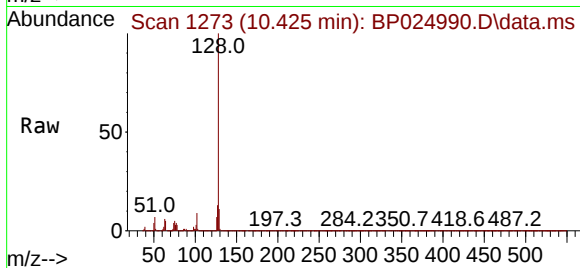




#31
Naphthalene
Concen: 43.864 ng
RT: 10.425 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

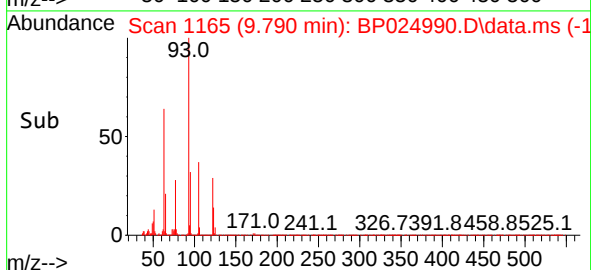
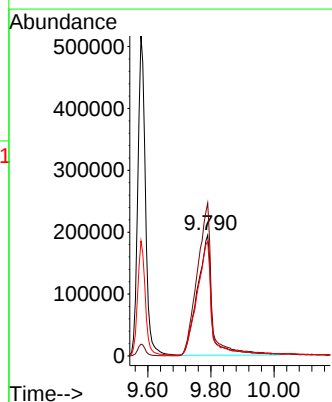
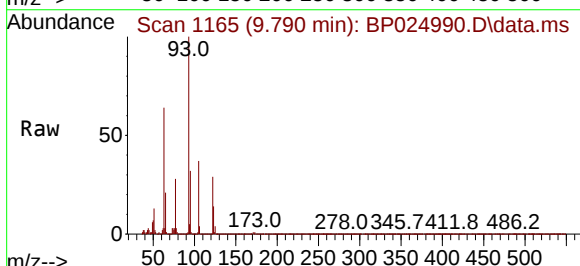
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

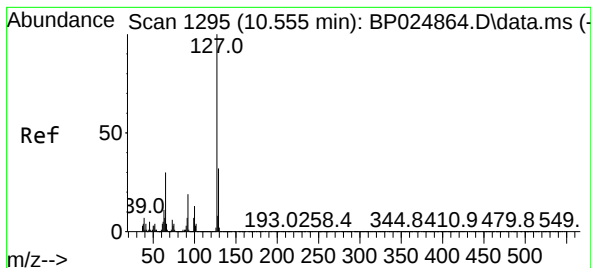
Tgt Ion:128 Resp: 2621431
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 51.358 ng
RT: 9.790 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:122 Resp: 624830
Ion Ratio Lower Upper
122 100
105 126.7 107.1 147.1
77 94.8 75.1 115.1



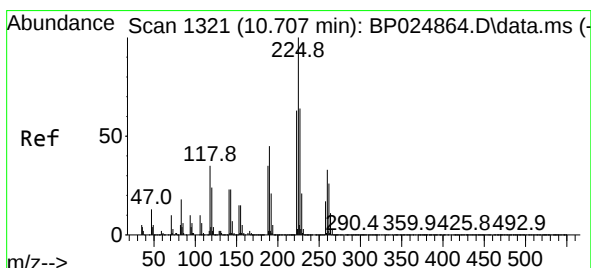
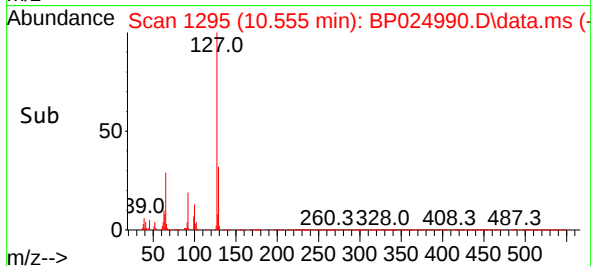
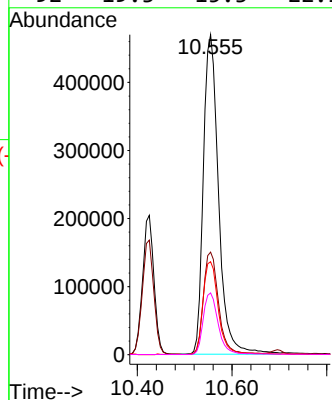
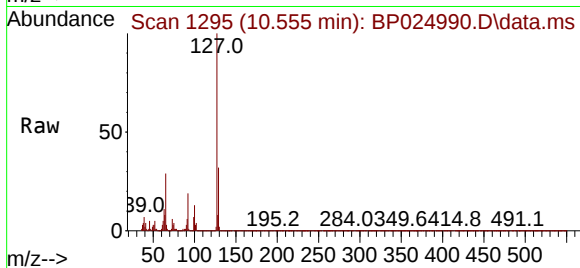


#33
4-Chloroaniline
Concen: 41.826 ng
RT: 10.555 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Instrument :
BNA_P
ClientSampleId :
PB168509BSD

Tgt Ion:127 Resp: 1047248

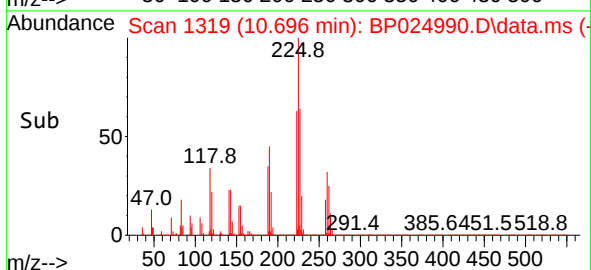
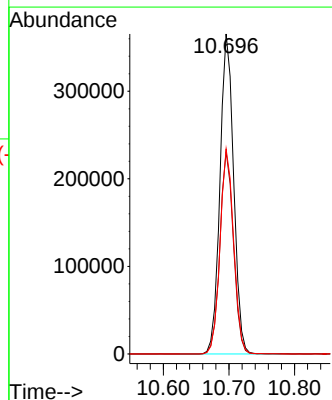
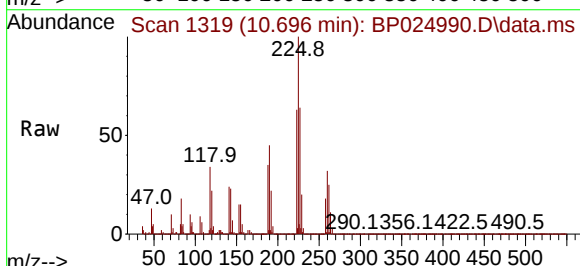
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.1	23.9	35.9
92	19.3	15.3	22.9

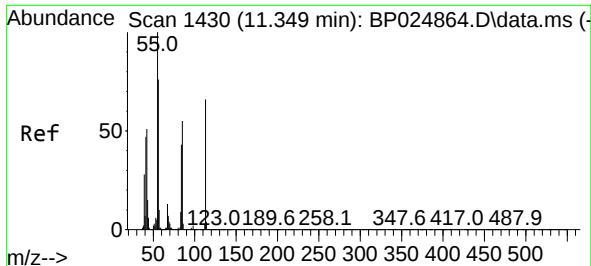


#34
Hexachlorobutadiene
Concen: 44.741 ng
RT: 10.696 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:225 Resp: 525402

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.5	75.7
227	64.1	51.4	77.2

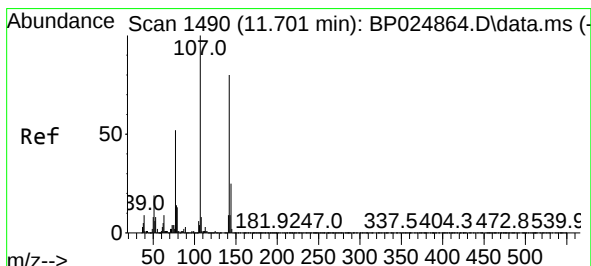
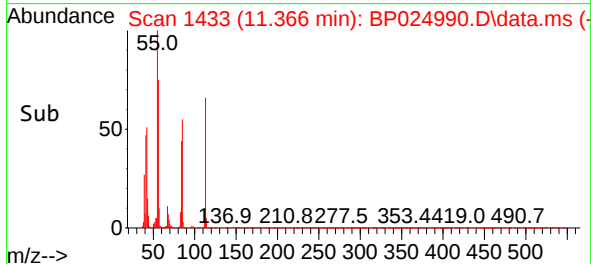
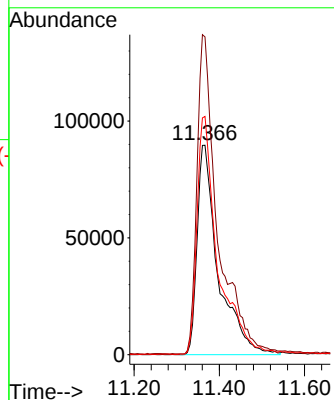
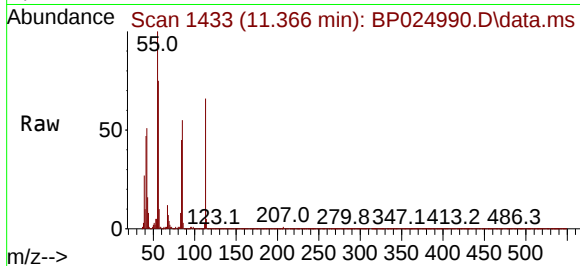




#35
Caprolactam
Concen: 48.449 ng
RT: 11.366 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

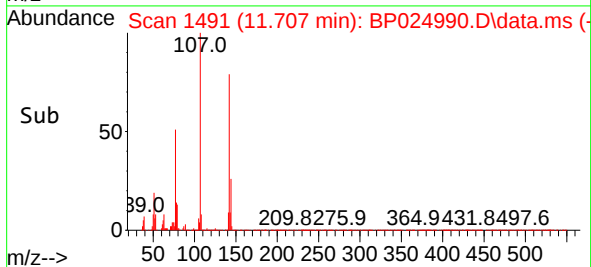
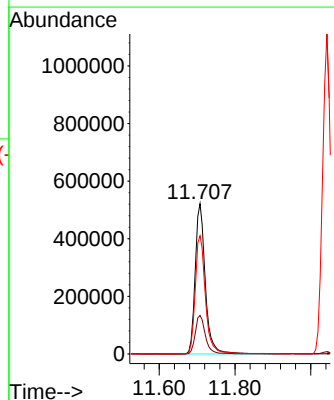
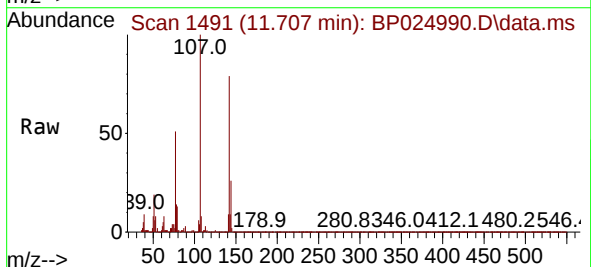
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

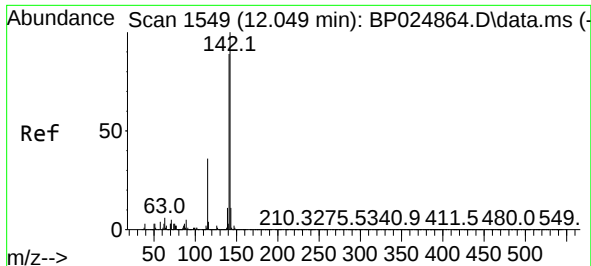
Tgt Ion:113 Resp: 308074
Ion Ratio Lower Upper
113 100
55 151.7 132.5 172.5
56 113.8 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 48.814 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:107 Resp: 972619
Ion Ratio Lower Upper
107 100
144 25.6 20.4 30.6
142 78.7 63.8 95.6

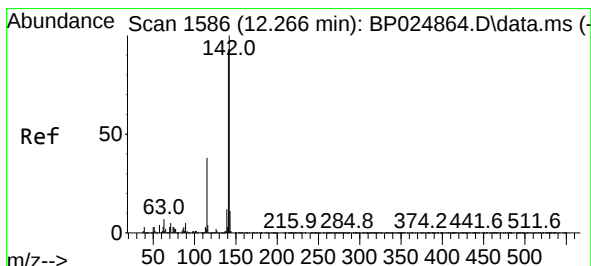
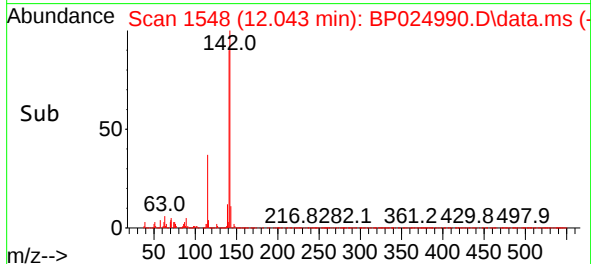
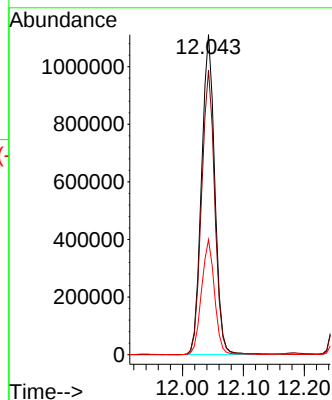
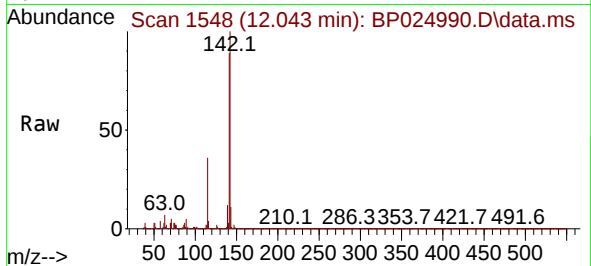




#37
2-Methylnaphthalene
Concen: 44.189 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

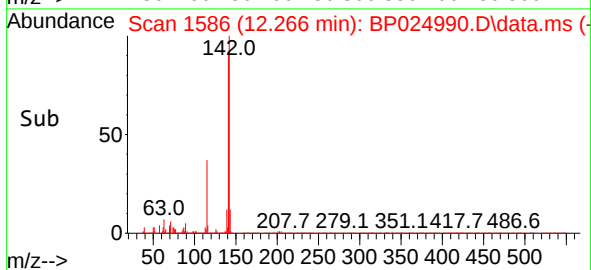
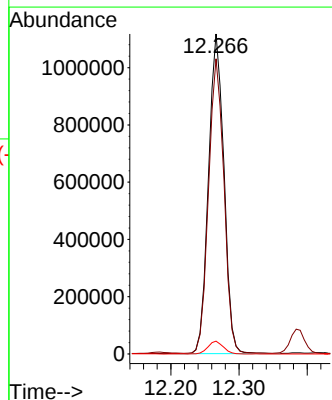
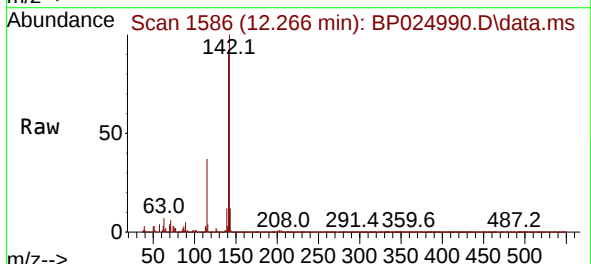
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

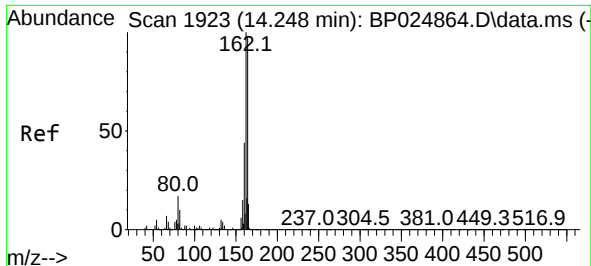
Tgt Ion:142 Resp: 1675151
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 36.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 43.363 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:142 Resp: 1757465
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1
116 4.0 3.4 5.0

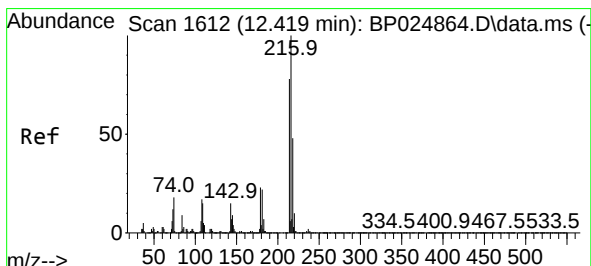
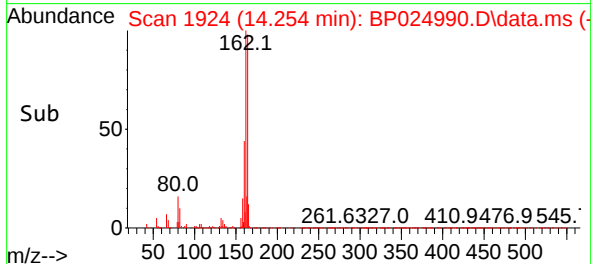
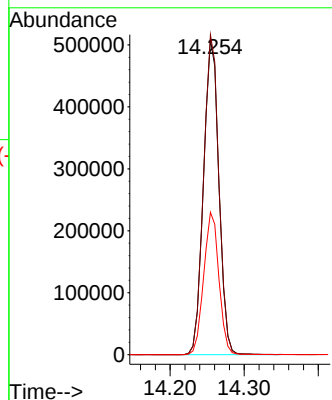
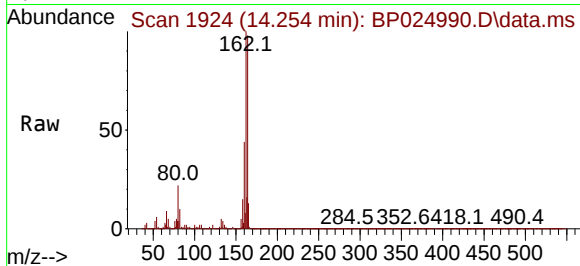




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

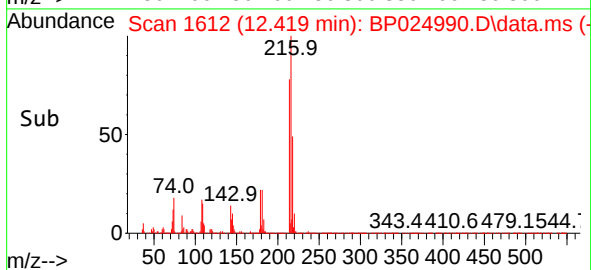
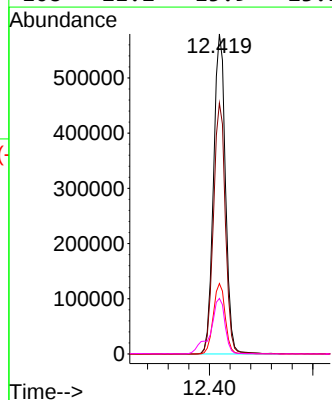
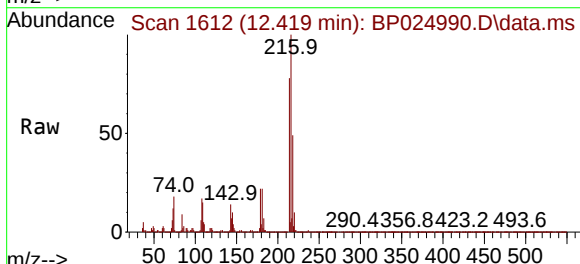
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

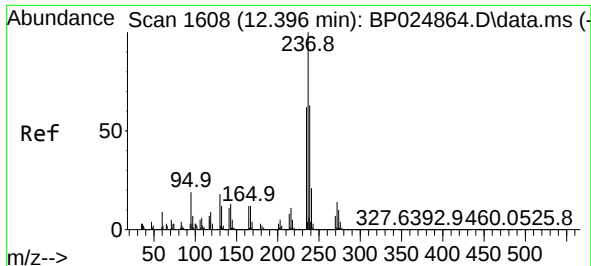
Tgt Ion:164 Resp: 733128
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 45.2 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.594 ng
RT: 12.419 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:216 Resp: 927674
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 22.0 17.8 26.6
108 21.2 15.9 23.9

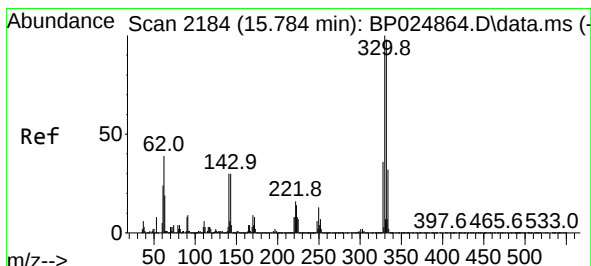
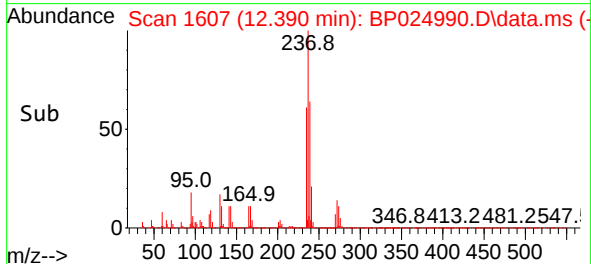
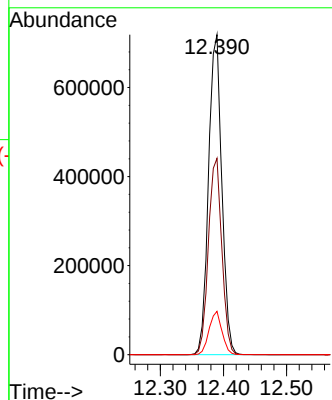
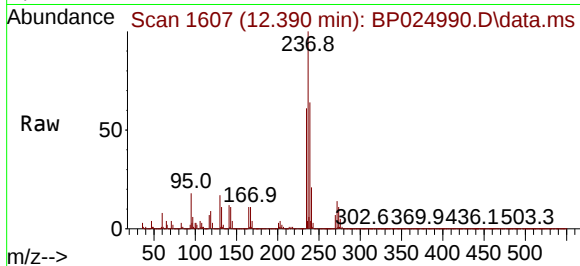




#41
Hexachlorocyclopentadiene
Concen: 82.587 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

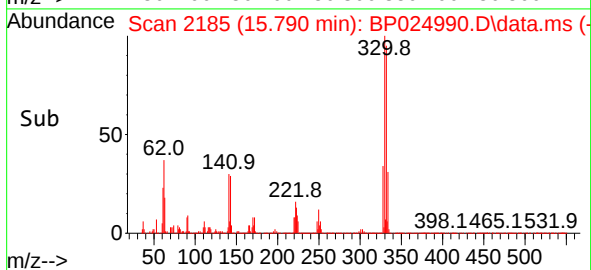
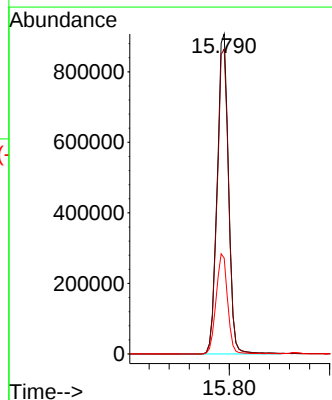
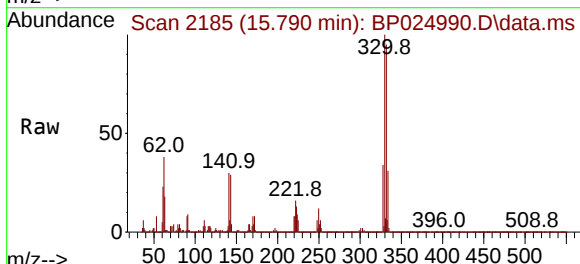
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

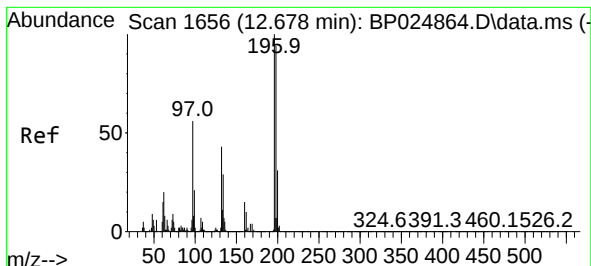
Tgt Ion:237 Resp: 1047895
Ion Ratio Lower Upper
237 100
235 61.4 41.9 81.9
272 13.5 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 139.938 ng
RT: 15.790 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:330 Resp: 1418398
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 31.9 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 48.794 ng

RT: 12.678 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

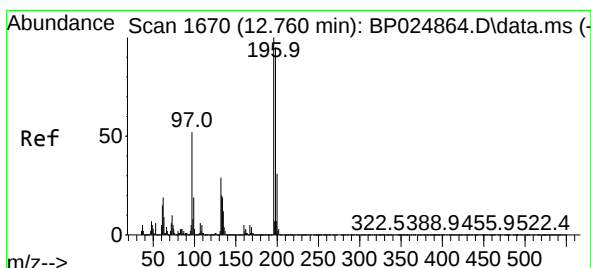
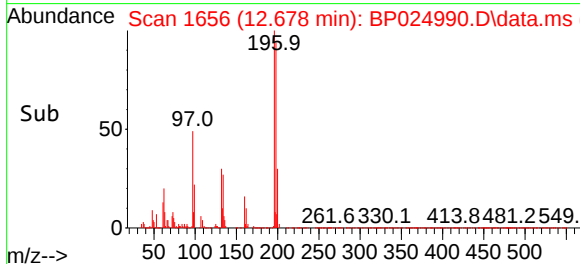
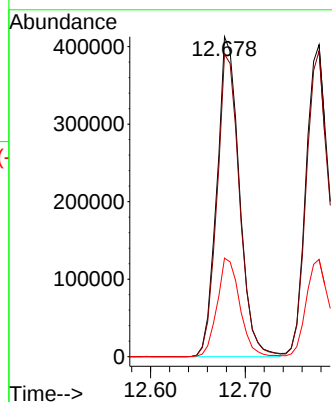
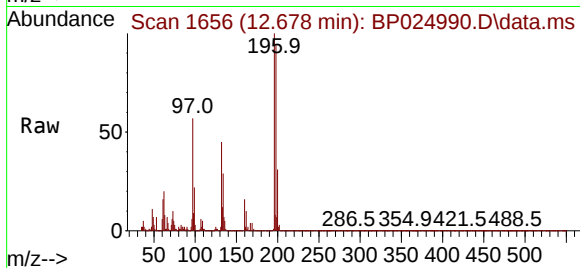
Tgt Ion:196 Resp: 681683

Ion Ratio Lower Upper

196 100

198 94.5 75.4 113.0

200 30.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 50.032 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Tgt Ion:196 Resp: 748555

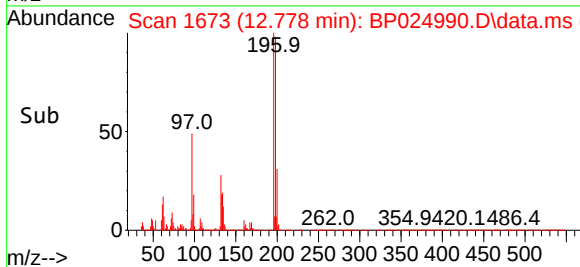
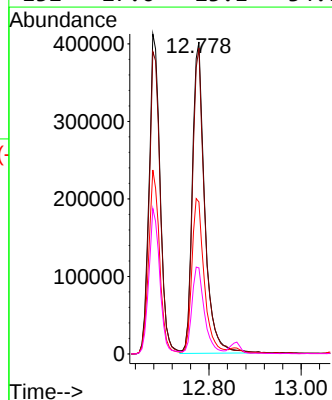
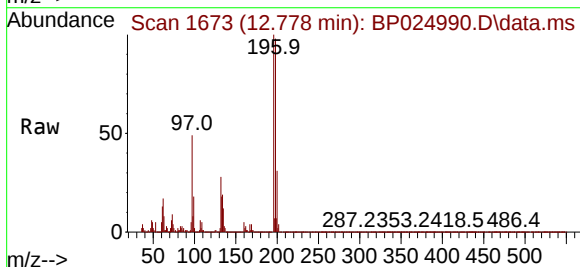
Ion Ratio Lower Upper

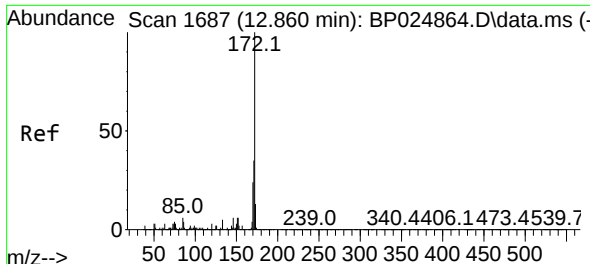
196 100

198 98.0 76.0 114.0

97 48.7 41.5 62.3

132 27.6 23.1 34.7

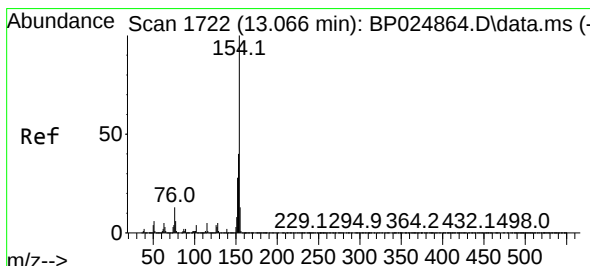
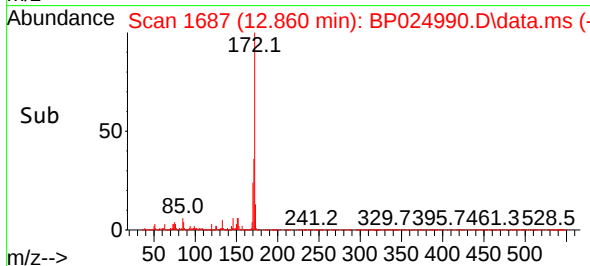
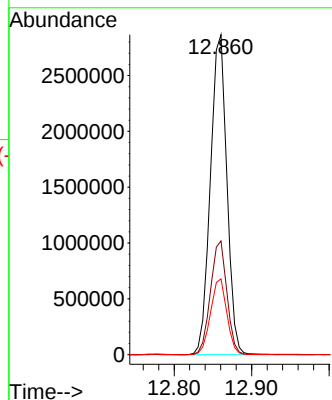
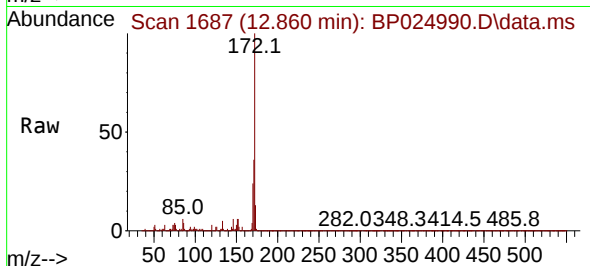




#45
2-Fluorobiphenyl
Concen: 77.766 ng
RT: 12.860 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

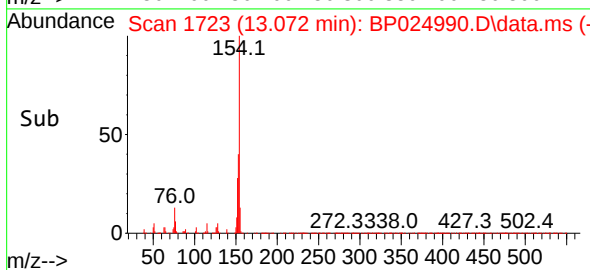
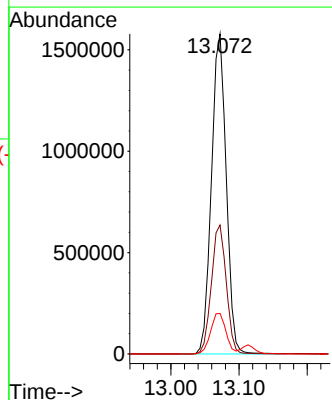
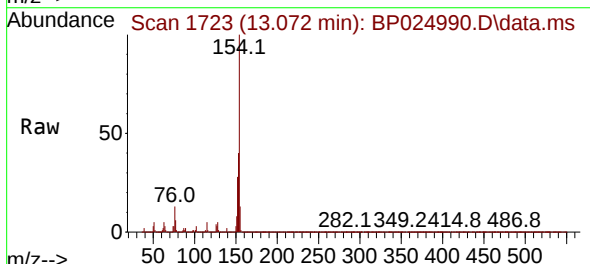
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

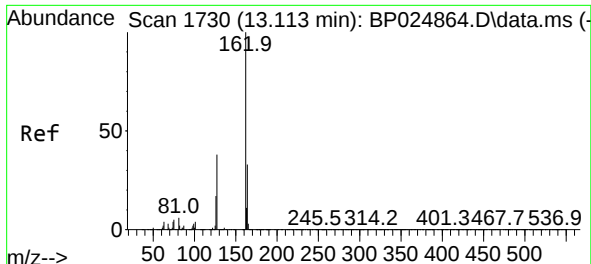
Tgt Ion:172 Resp: 4232186
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.744 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:154 Resp: 2383854
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 12.7 0.0 33.0

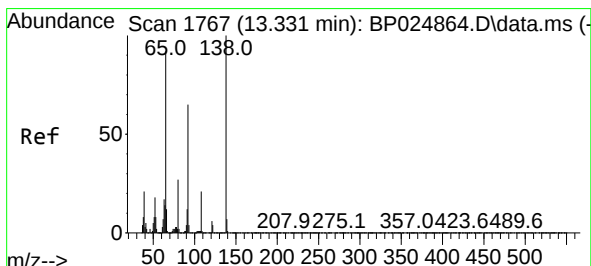
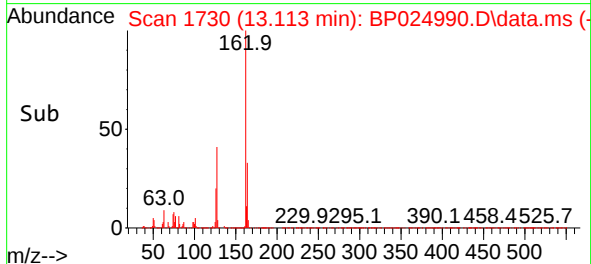
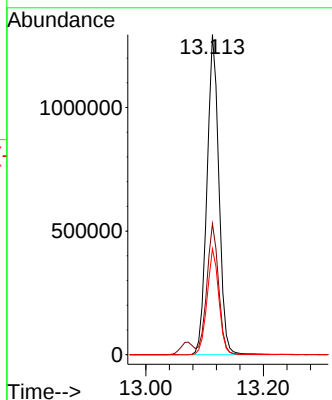
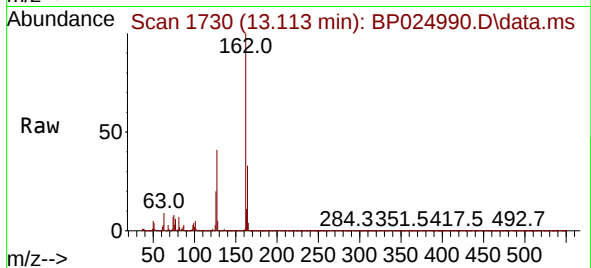




#47
2-Chloronaphthalene
Concen: 44.445 ng
RT: 13.113 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

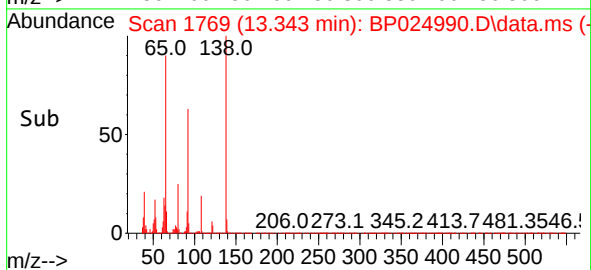
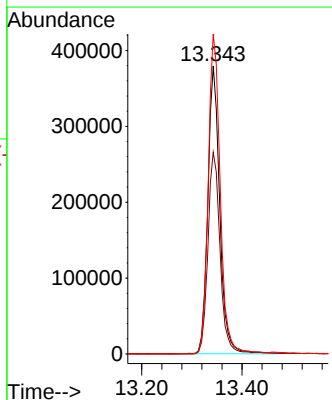
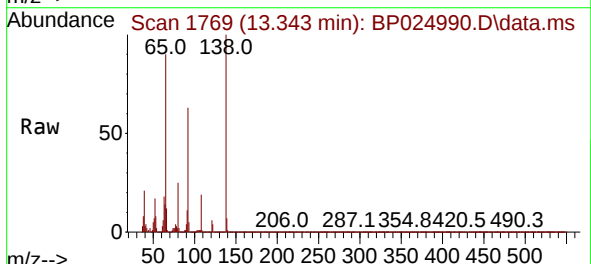
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

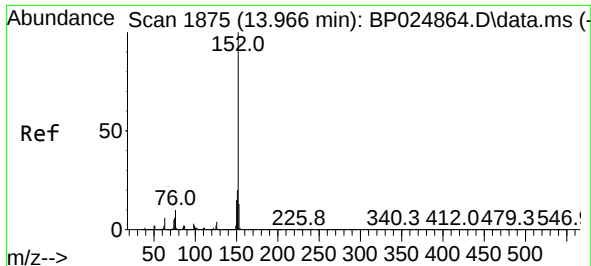
Tgt Ion:162 Resp: 1819971
Ion Ratio Lower Upper
162 100
127 40.9 32.5 48.7
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 49.810 ng
RT: 13.343 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion: 65 Resp: 627063
Ion Ratio Lower Upper
65 100
92 70.1 56.8 85.2
138 111.1 86.9 130.3

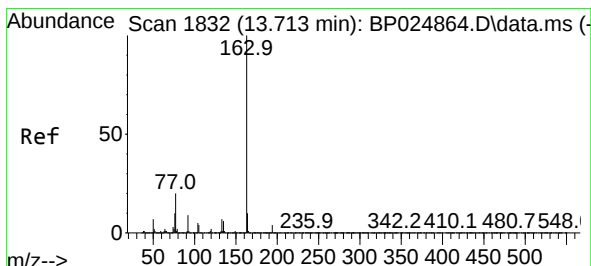
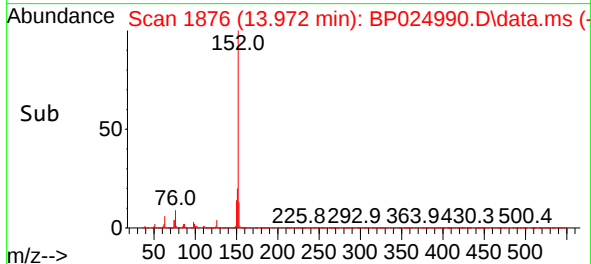
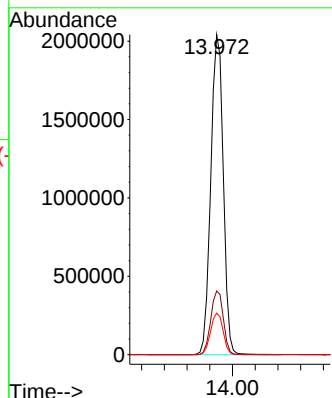
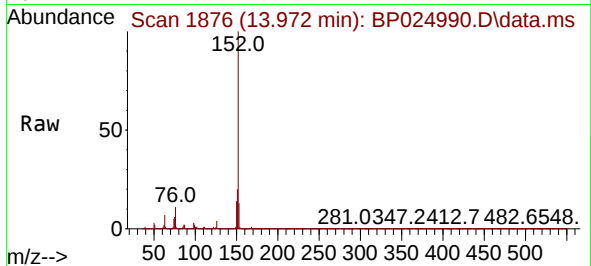




#49
Acenaphthylene
Concen: 45.393 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

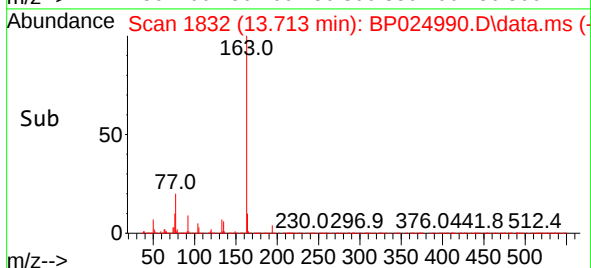
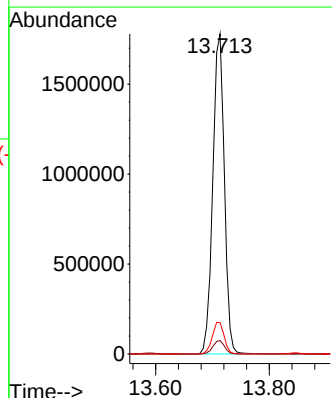
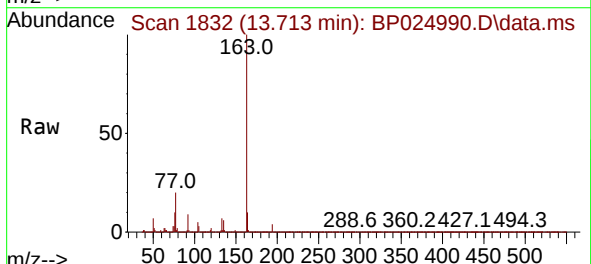
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

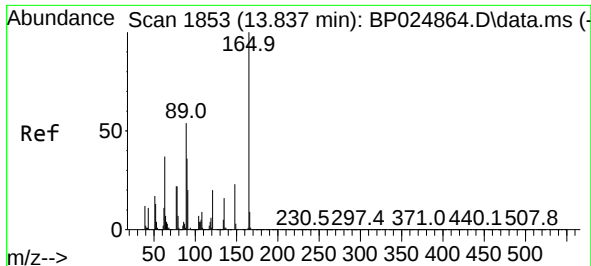
Tgt Ion:152 Resp: 3099280
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 46.192 ng
RT: 13.713 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:163 Resp: 2498151
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.8 8.0 12.0

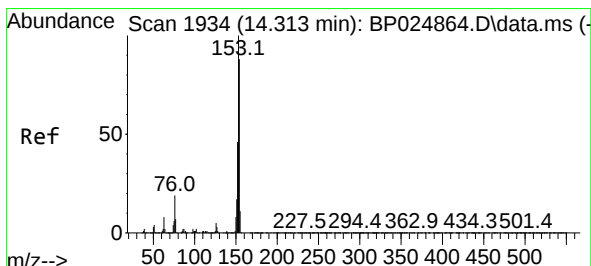
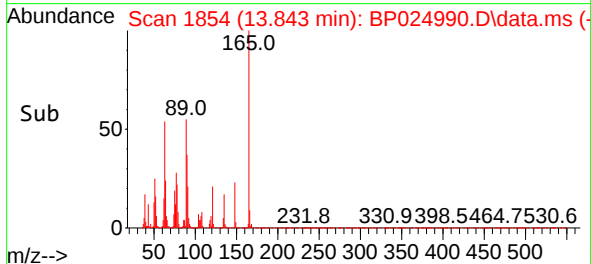
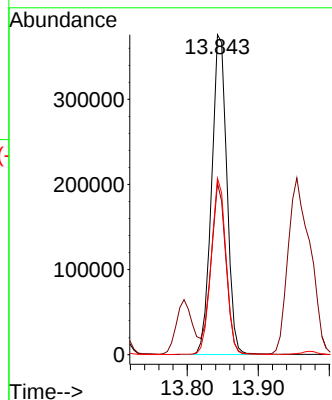
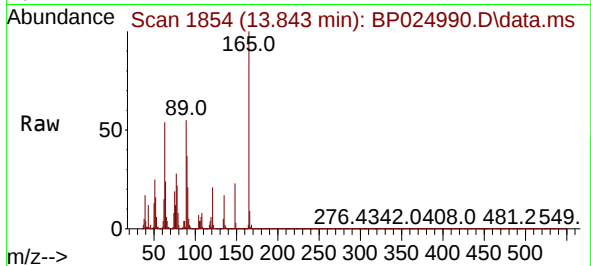




#51
2,6-Dinitrotoluene
Concen: 48.102 ng
RT: 13.843 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

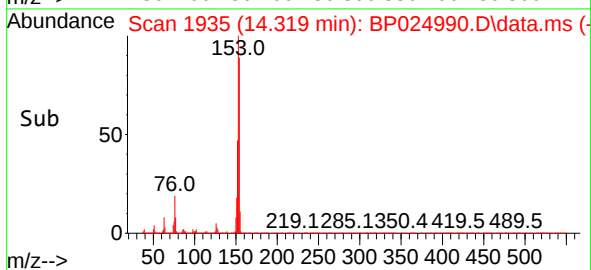
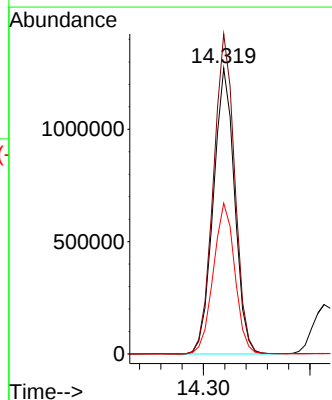
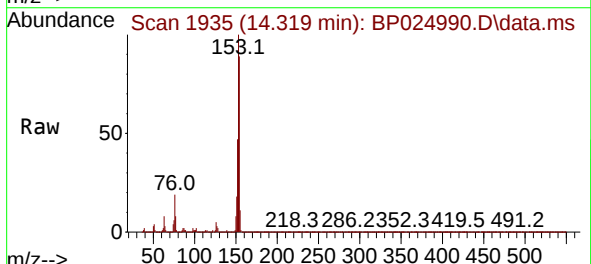
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

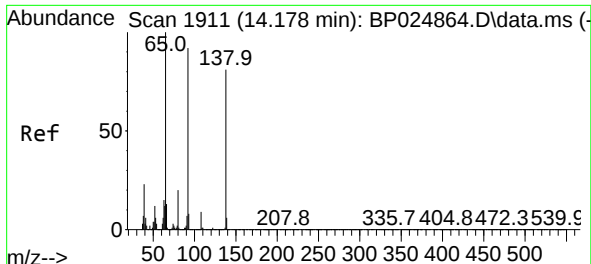
Tgt Ion:165 Resp: 560816
Ion Ratio Lower Upper
165 100
63 53.6 41.8 62.8
89 55.2 43.1 64.7



#52
Acenaphthene
Concen: 44.953 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:154 Resp: 1758762
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 52.8 42.1 63.1

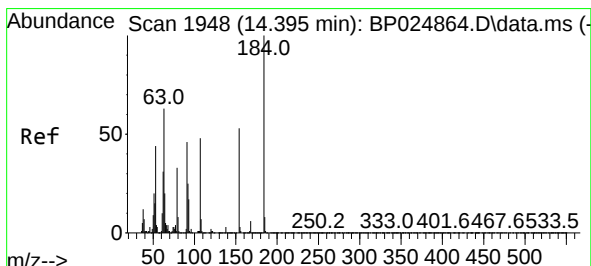
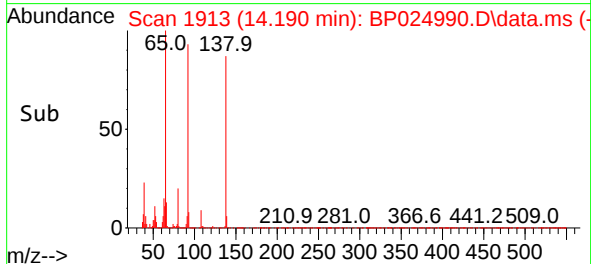
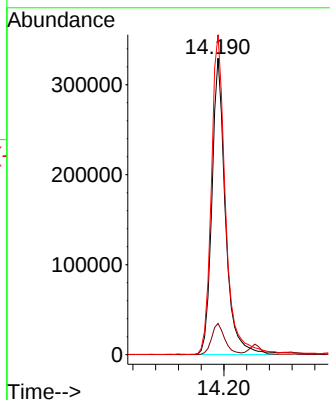
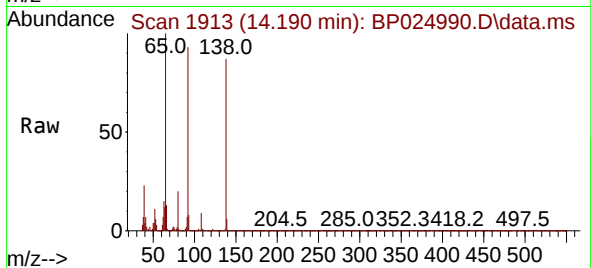




#53
3-Nitroaniline
Concen: 44.884 ng
RT: 14.190 min Scan# 1913
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

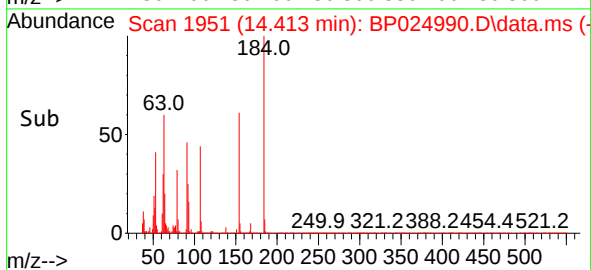
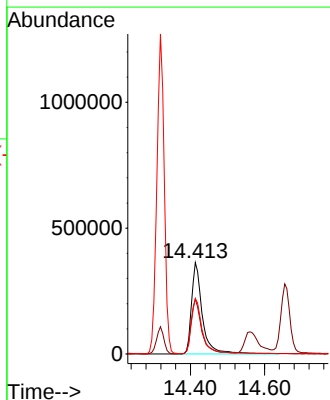
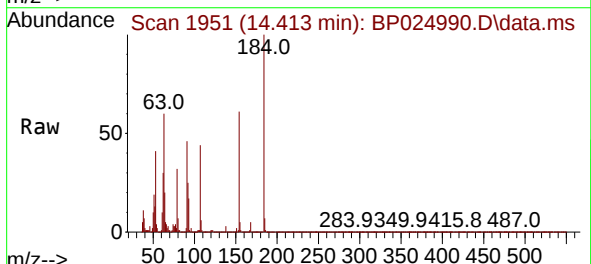
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

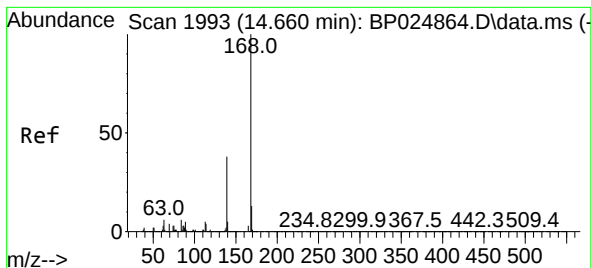
Tgt Ion:138 Resp: 543051
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 107.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 96.535 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:184 Resp: 742251
Ion Ratio Lower Upper
184 100
63 60.2 51.0 76.4
154 60.6 51.7 77.5

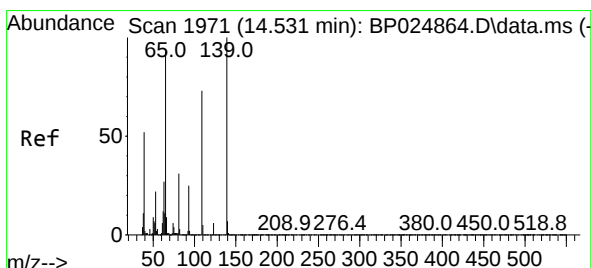
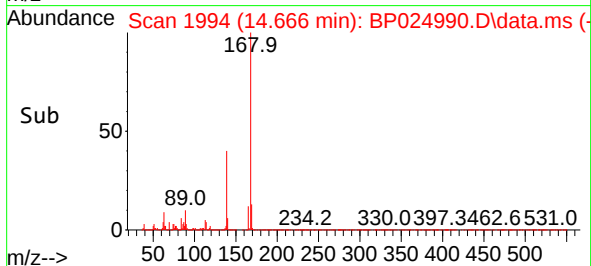
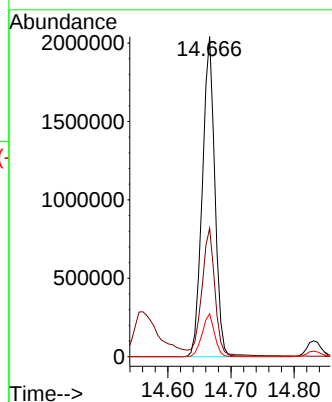
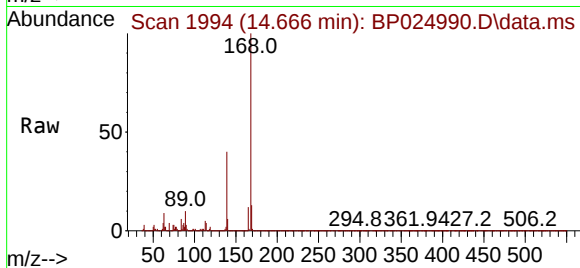




#55
Dibenzofuran
Concen: 44.634 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

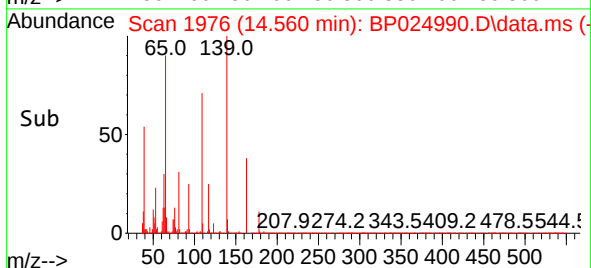
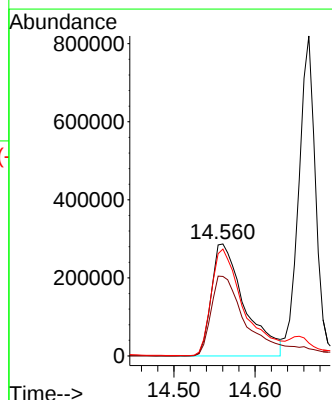
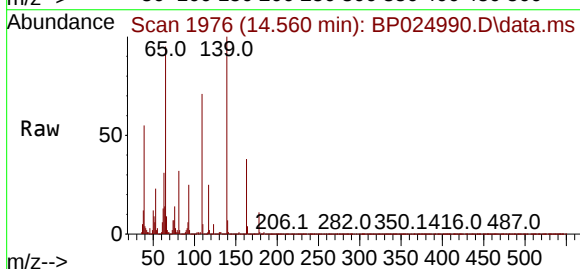
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

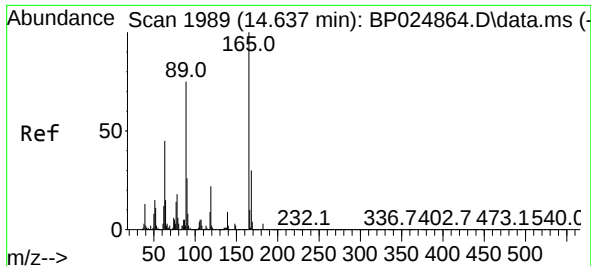
Tgt Ion:168 Resp: 2803128
Ion Ratio Lower Upper
168 100
139 40.2 31.6 47.4
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 79.606 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:139 Resp: 815107
Ion Ratio Lower Upper
139 100
109 71.0 53.1 93.1
65 95.4 73.0 113.0

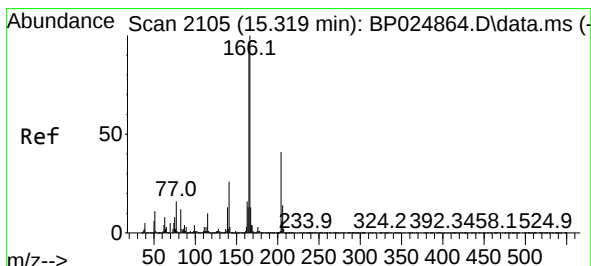
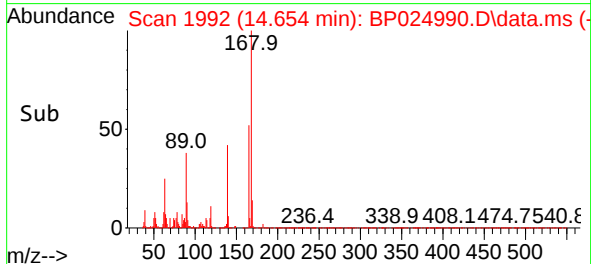
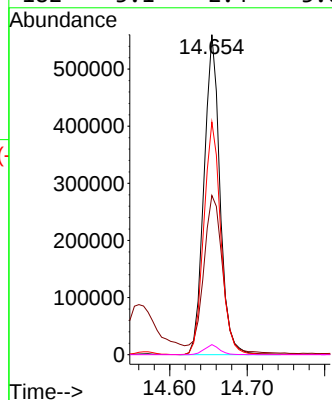
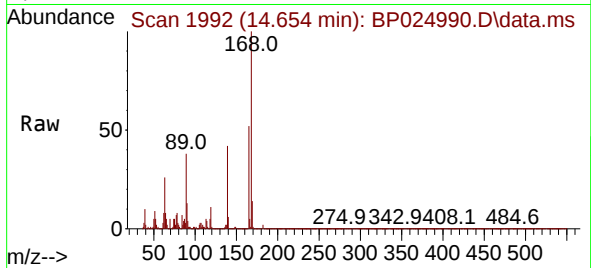




#57
2,4-Dinitrotoluene
Concen: 49.010 ng
RT: 14.654 min Scan# 1992
Delta R.T. 0.017 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

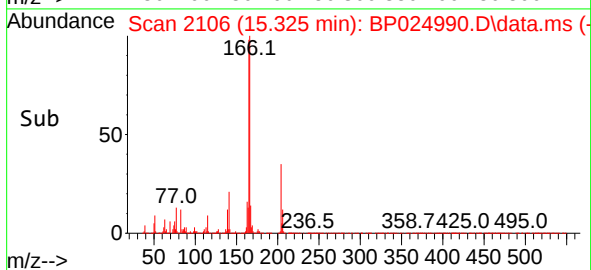
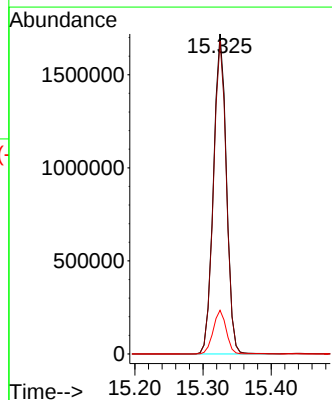
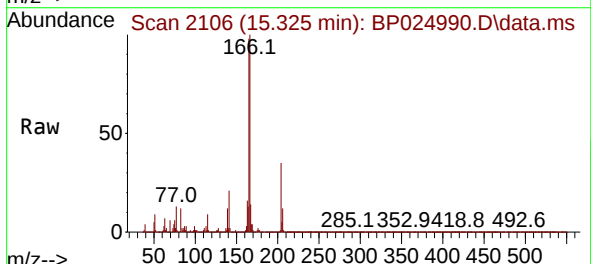
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

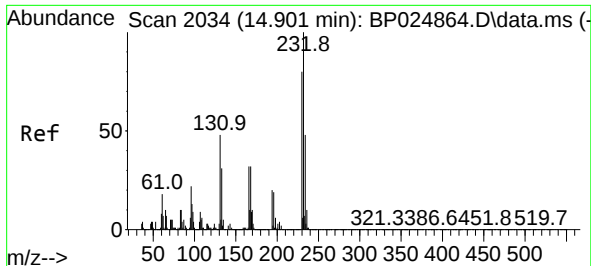
Tgt Ion:165 Resp: 799291
Ion Ratio Lower Upper
165 100
63 49.7 37.0 55.6
89 72.7 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 44.851 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:166 Resp: 2275415
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.6 10.6 16.0

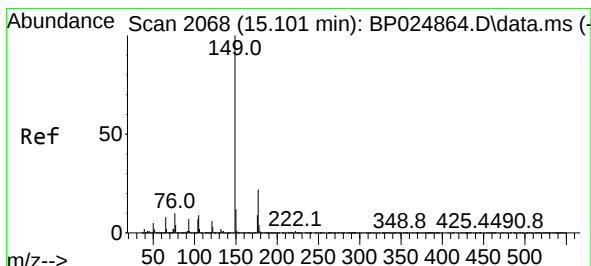
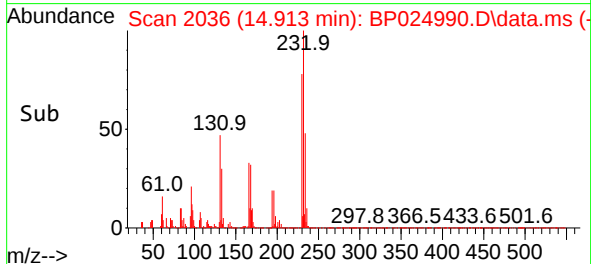
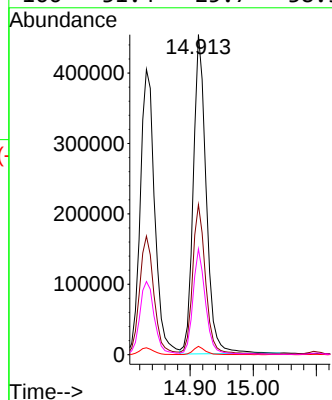
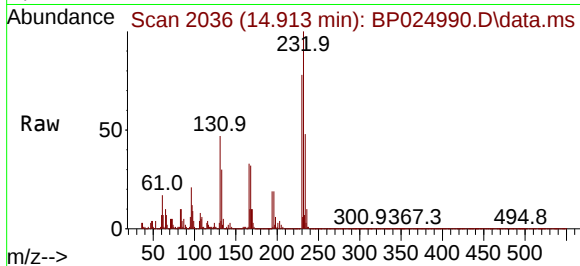




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.322 ng
RT: 14.913 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

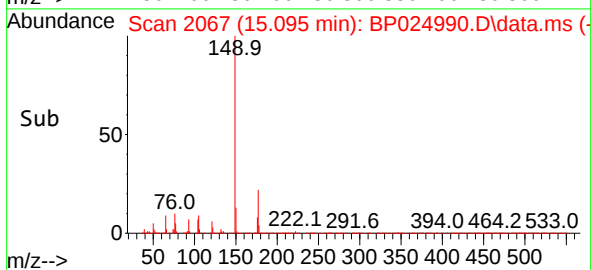
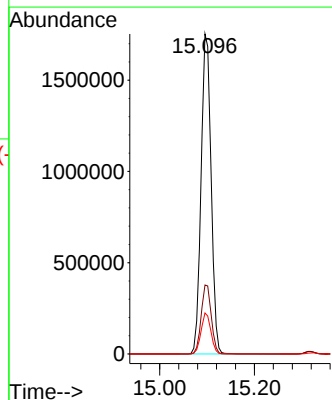
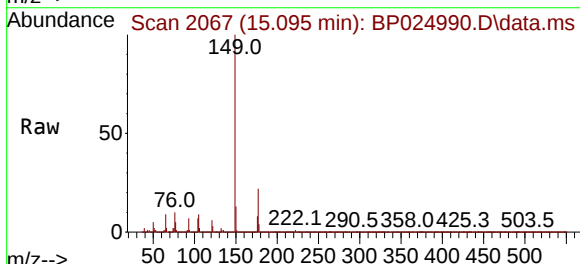
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

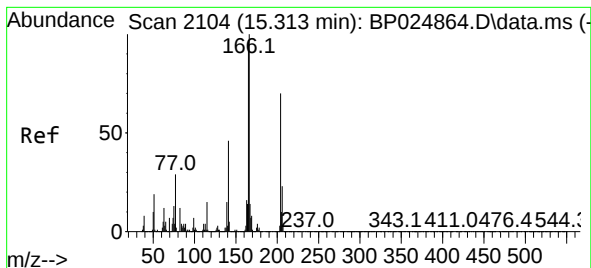
Tgt Ion:232 Resp: 645957
Ion Ratio Lower Upper
232 100
131 46.9 38.2 57.2
130 2.4 2.1 3.1
166 31.4 25.7 38.5



#60
Diethylphthalate
Concen: 47.558 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:149 Resp: 2563286
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.8 9.8 14.6

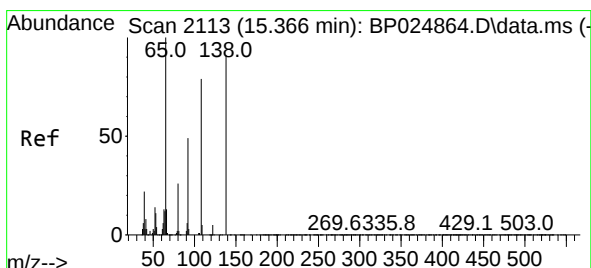
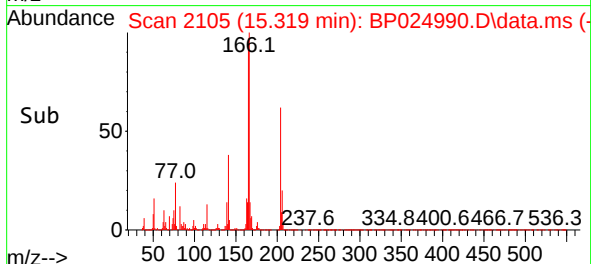
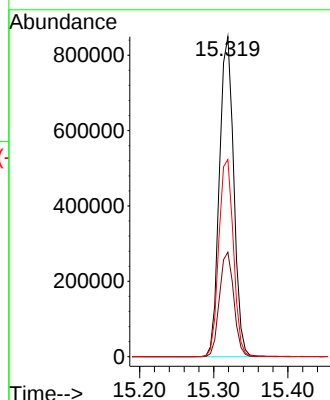
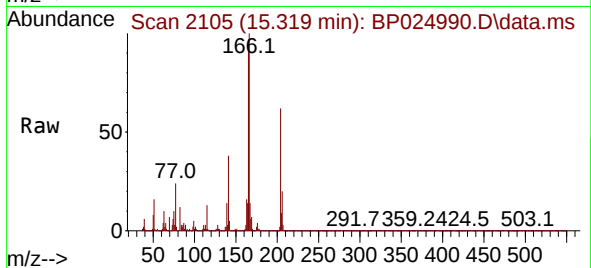




#61
4-Chlorophenyl-phenylether
Concen: 46.028 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

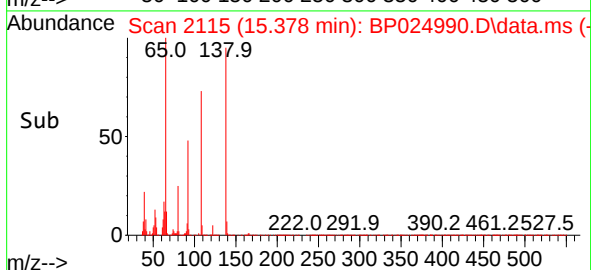
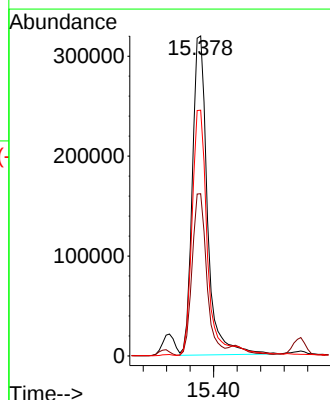
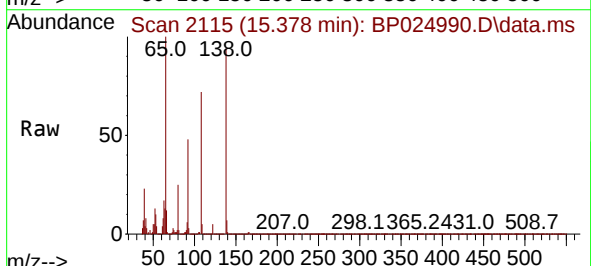
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

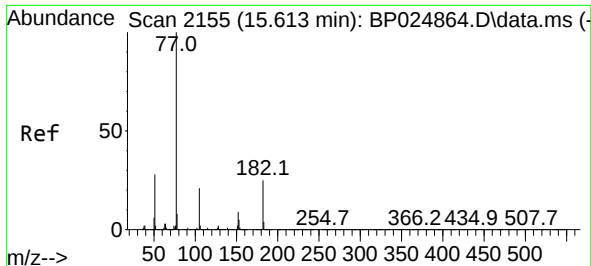
Tgt Ion:204 Resp: 1141757
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 61.6 52.4 78.6



#62
4-Nitroaniline
Concen: 51.805 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:138 Resp: 568319
Ion Ratio Lower Upper
138 100
92 50.7 33.5 73.5
108 76.8 65.1 105.1



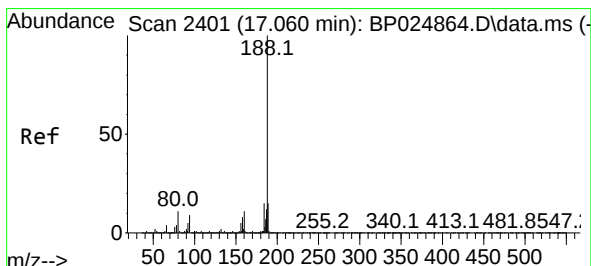
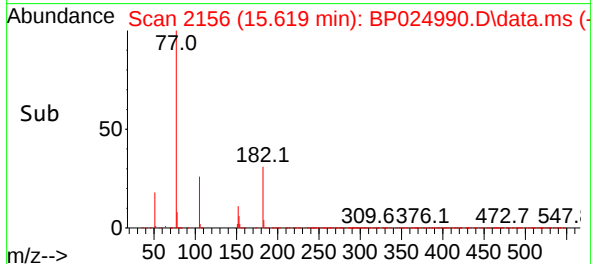
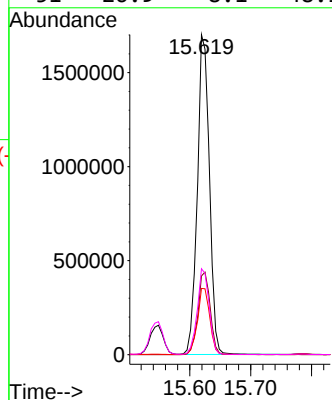
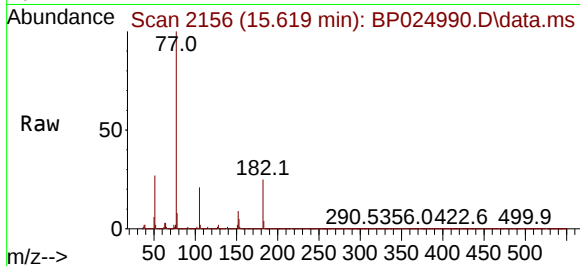


#63
Azobenzene
Concen: 47.437 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Instrument :
BNA_P
ClientSampleId :
PB168509BSD

Tgt Ion: 77 Resp: 2344933

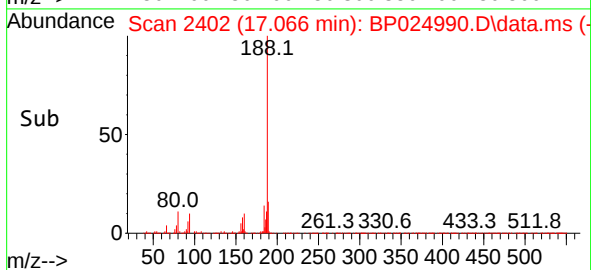
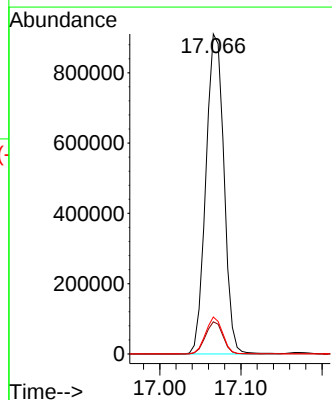
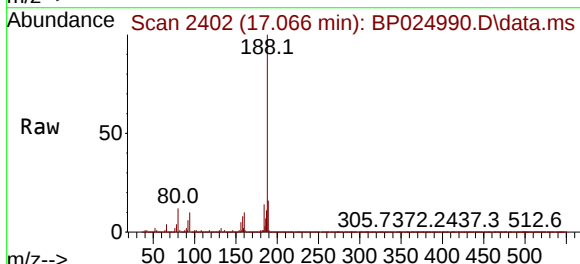
Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.4	45.4
105	20.7	0.8	40.8
51	26.9	8.1	48.1

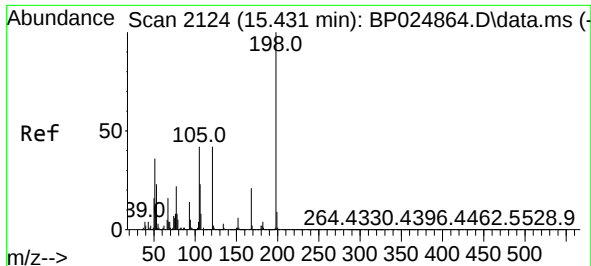


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion: 188 Resp: 1403510

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.3	10.9
80	11.5	8.5	12.7

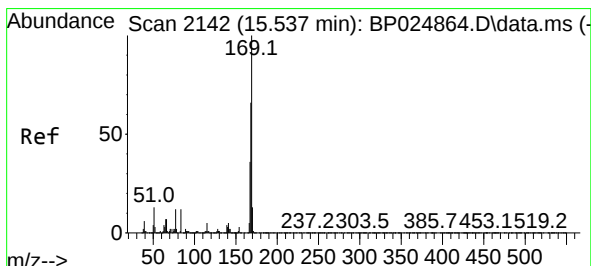
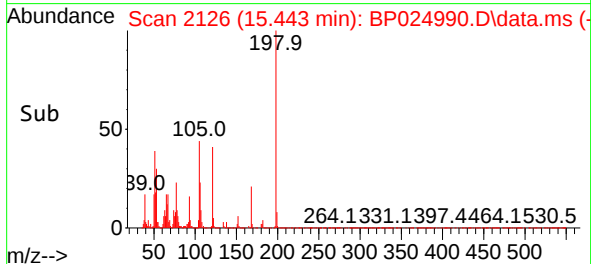
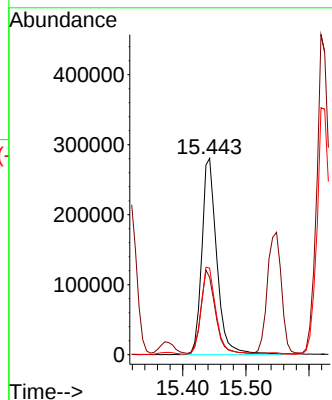
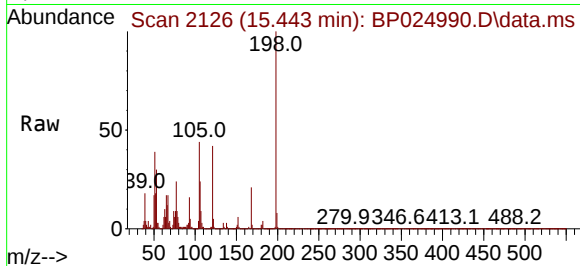




#65
4,6-Dinitro-2-methylphenol
Concen: 49.961 ng
RT: 15.443 min Scan# 2124
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

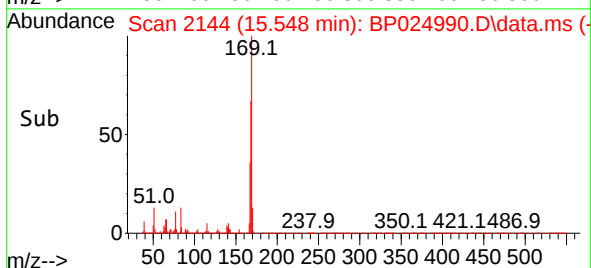
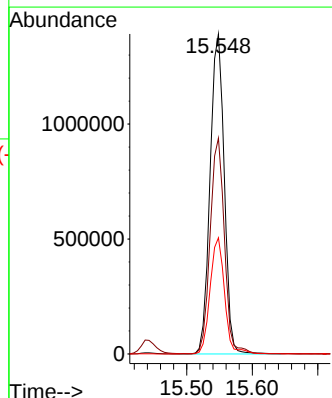
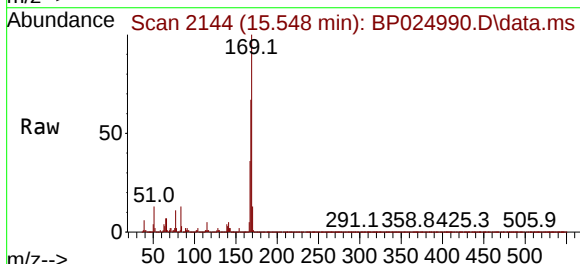
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

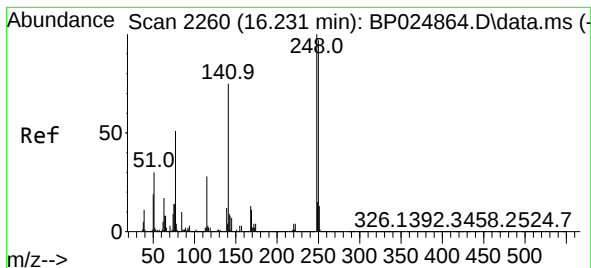
Tgt Ion:198 Resp: 460759
Ion Ratio Lower Upper
198 100
51 39.4 19.2 59.2
105 44.1 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 48.001 ng
RT: 15.548 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:169 Resp: 2088138
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 36.3 28.6 43.0

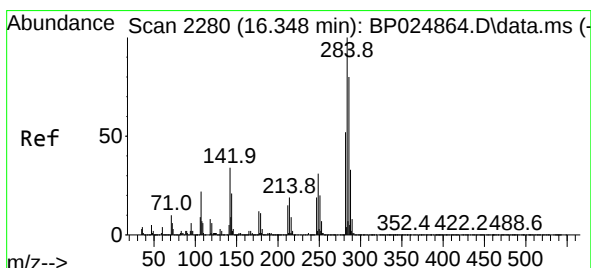
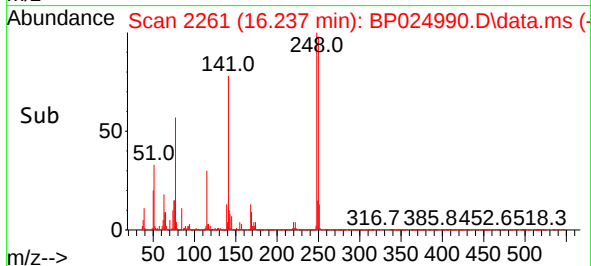
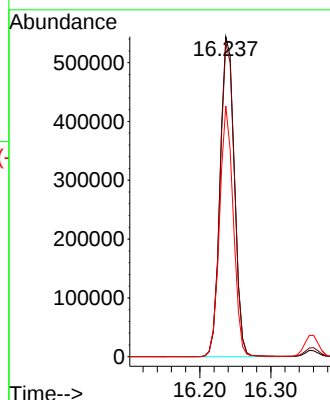
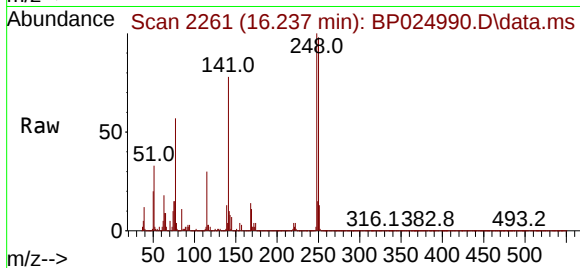




#67
4-Bromophenyl-phenylether
Concen: 47.906 ng
RT: 16.237 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

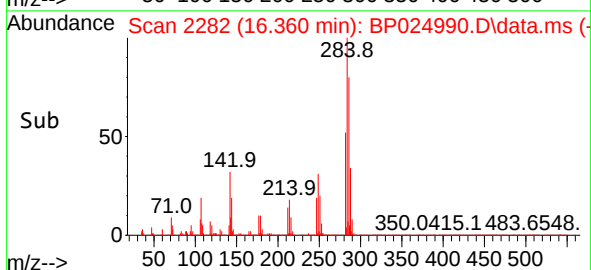
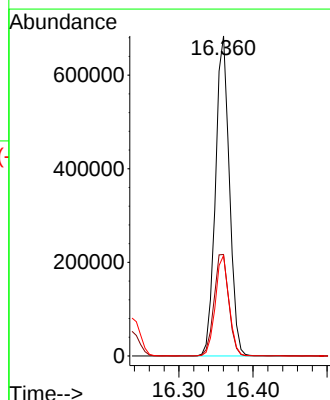
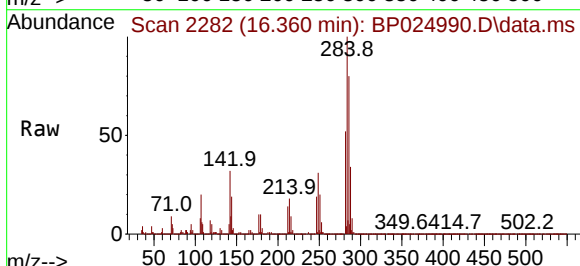
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

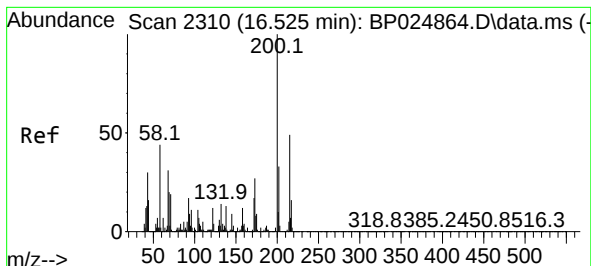
Tgt Ion:248 Resp: 758651
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.2
141 78.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 46.401 ng
RT: 16.360 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:284 Resp: 890805
Ion Ratio Lower Upper
284 100
142 31.7 27.0 40.6
249 31.4 25.0 37.6





#69

Atrazine

Concen: 49.882 ng

RT: 16.537 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

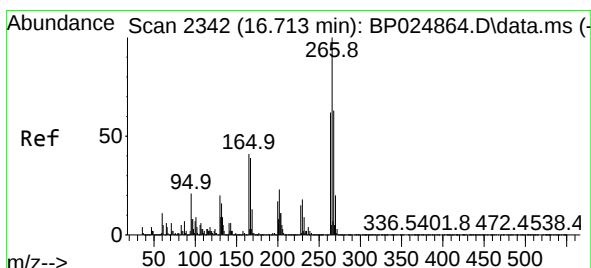
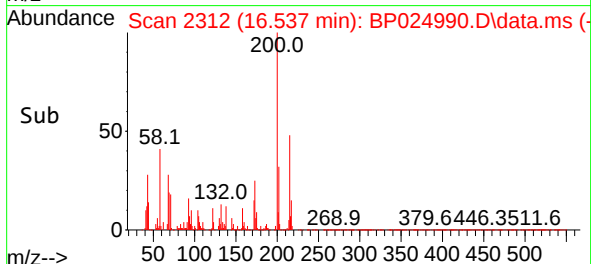
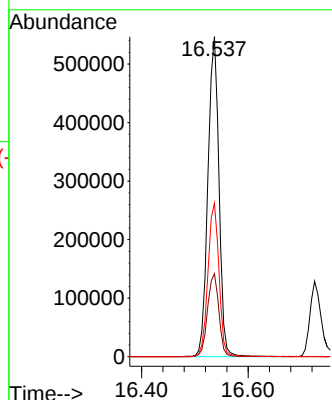
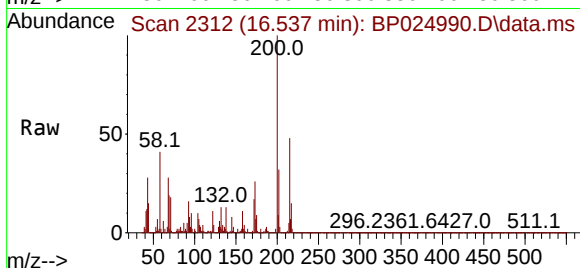
Tgt Ion:200 Resp: 786664

Ion Ratio Lower Upper

200 100

173 26.0 6.9 46.9

215 48.0 28.7 68.7



#70

Pentachlorophenol

Concen: 110.322 ng

RT: 16.725 min Scan# 2344

Delta R.T. 0.012 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

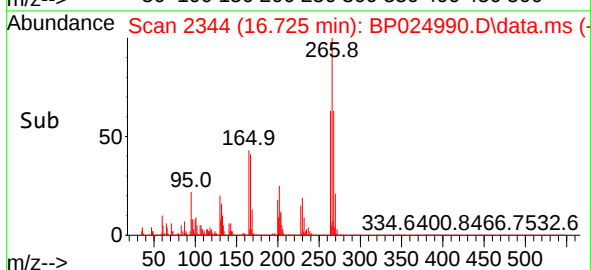
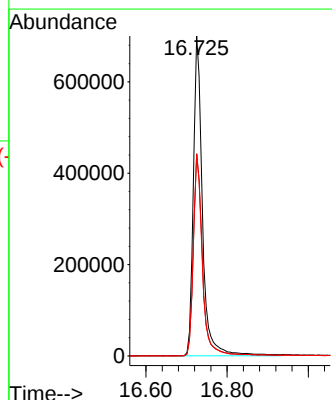
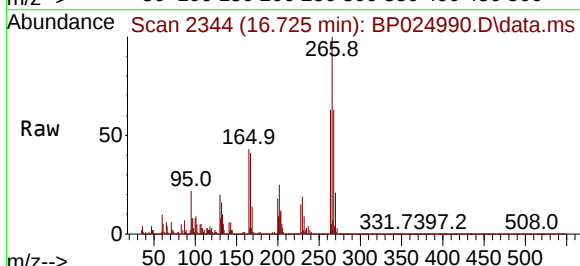
Tgt Ion:266 Resp: 1096155

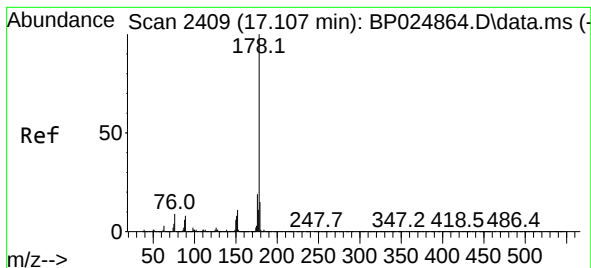
Ion Ratio Lower Upper

266 100

268 63.2 50.6 76.0

264 63.1 49.7 74.5





#71

Phenanthrene

Concen: 46.160 ng

RT: 17.113 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

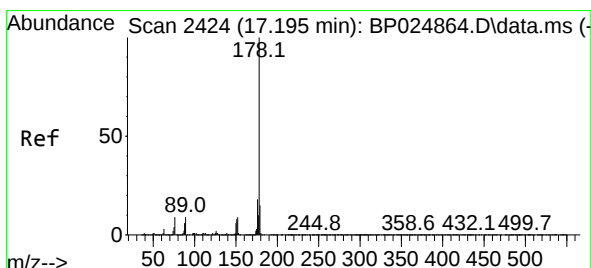
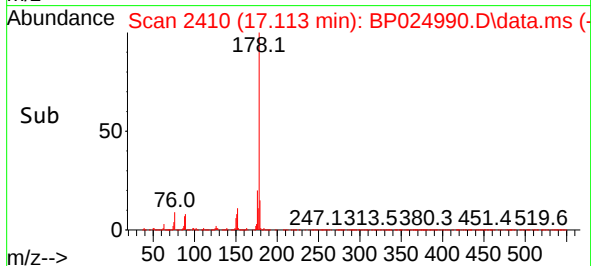
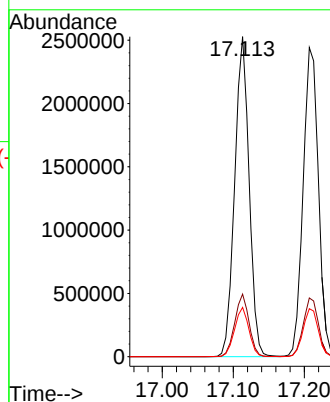
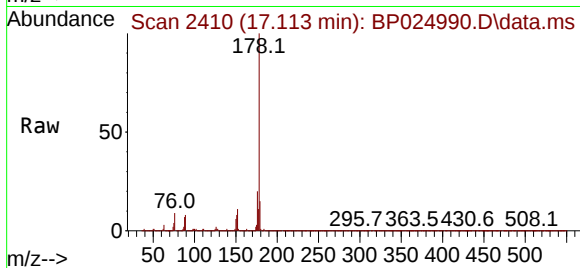
Tgt Ion:178 Resp: 3580172

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.4 12.1 18.1



#72

Anthracene

Concen: 46.594 ng

RT: 17.207 min Scan# 2426

Delta R.T. 0.012 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

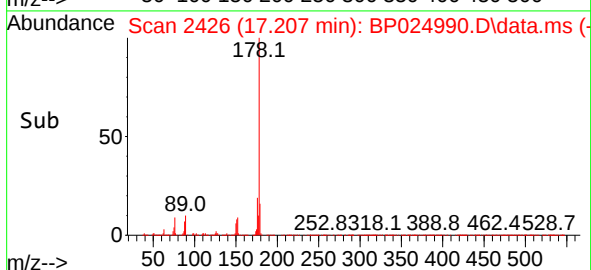
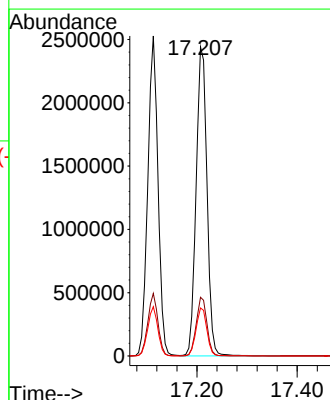
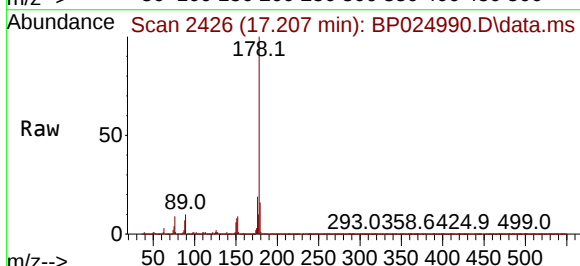
Tgt Ion:178 Resp: 3659978

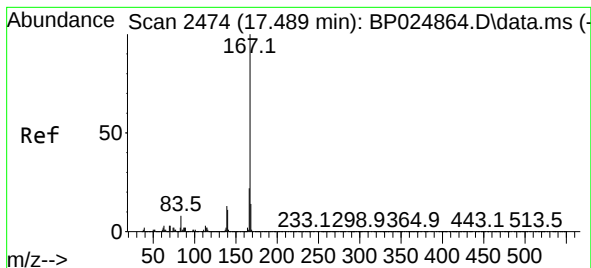
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.5 12.3 18.5





#73

Carbazole

Concen: 47.760 ng

RT: 17.495 min Scan# 2474

Delta R.T. 0.006 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

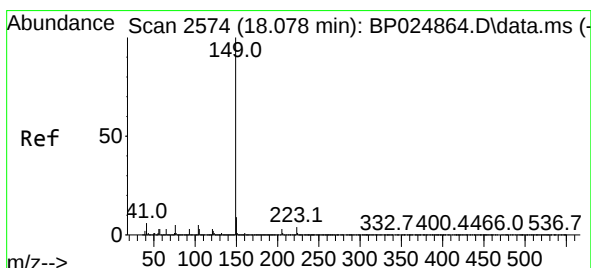
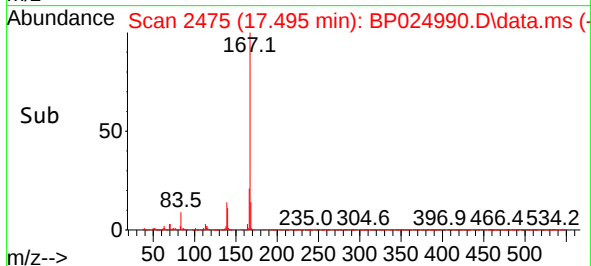
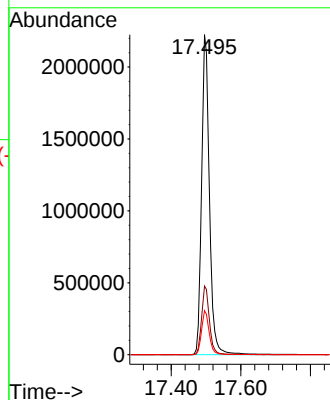
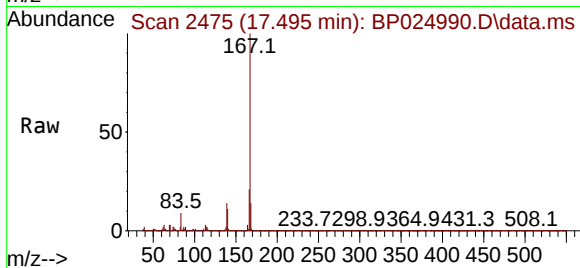
Tgt Ion:167 Resp: 3477343

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 13.8 10.8 16.2



#74

Di-n-butylphthalate

Concen: 48.384 ng

RT: 18.072 min Scan# 2573

Delta R.T. -0.006 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

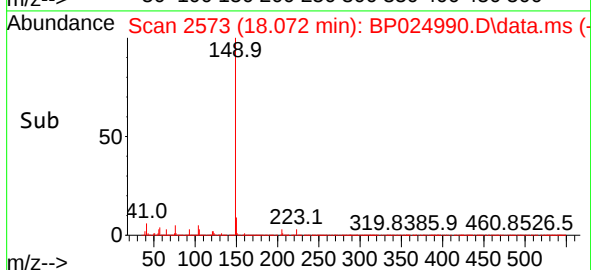
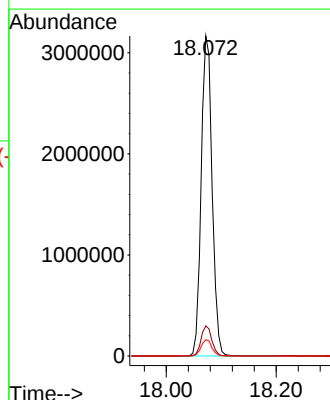
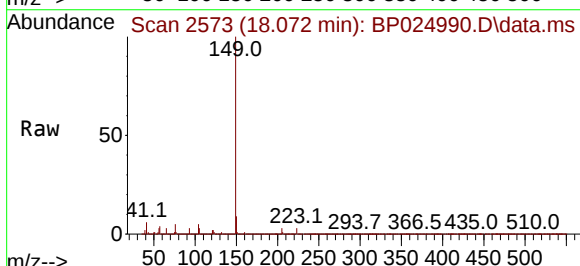
Tgt Ion:149 Resp: 4364669

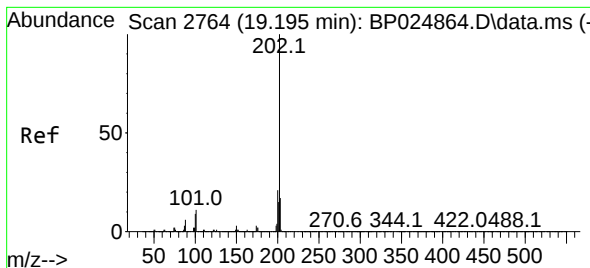
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 45.735 ng

RT: 19.207 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

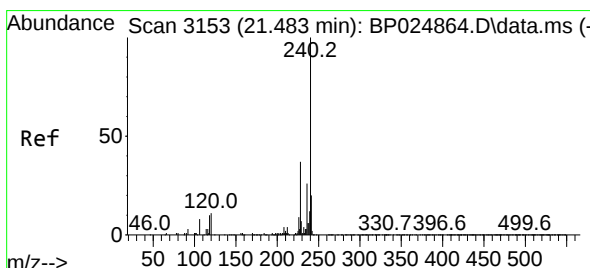
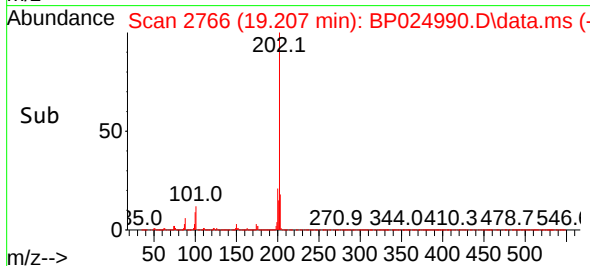
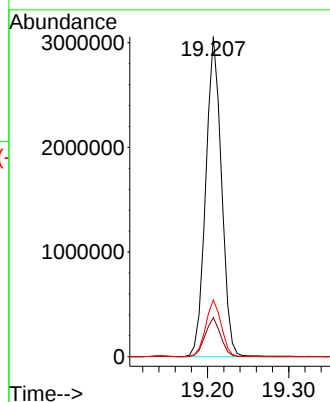
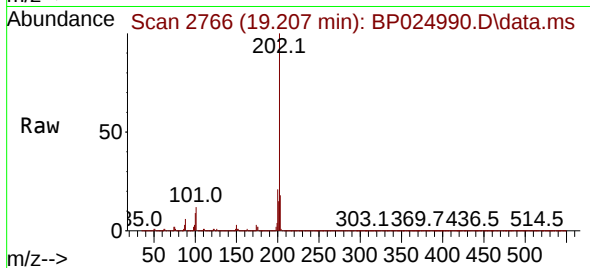
Tgt Ion:202 Resp: 4111368

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.507 min Scan# 3157

Delta R.T. 0.024 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

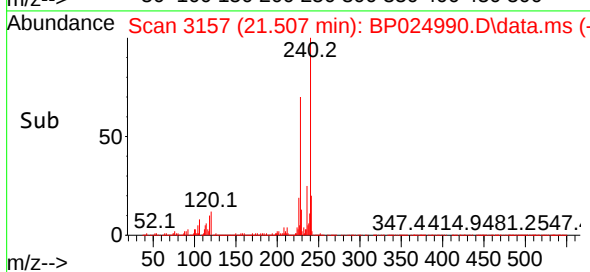
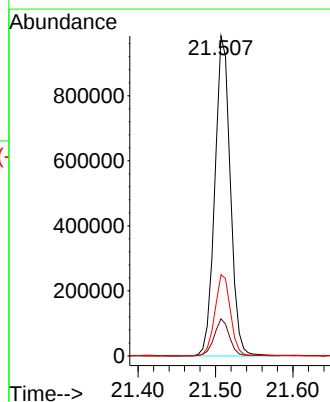
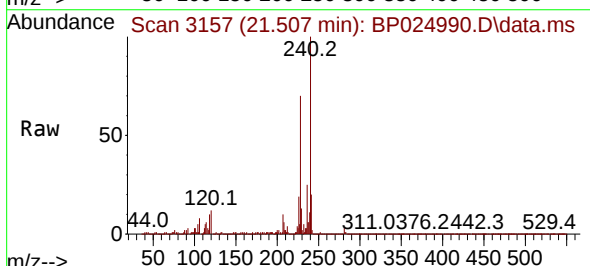
Tgt Ion:240 Resp: 1366565

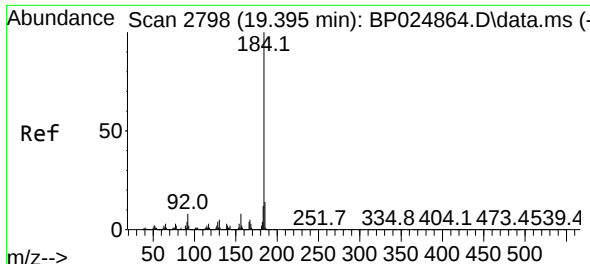
Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 25.4 20.9 31.3

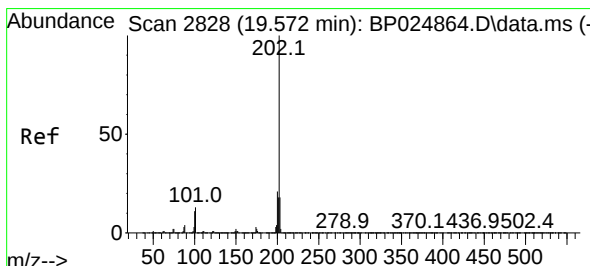
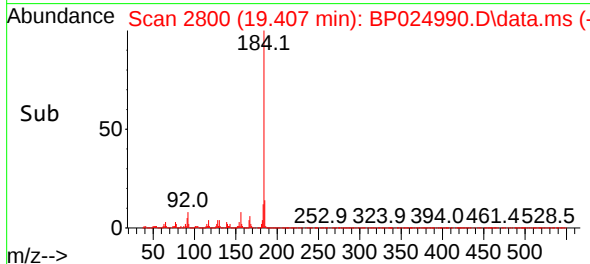
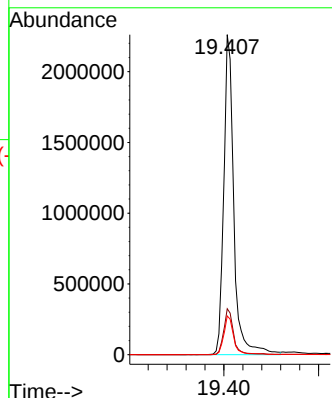
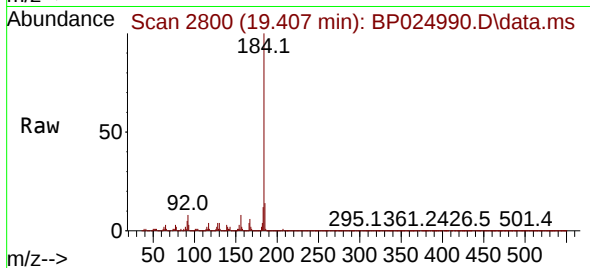




#77
Benzidine
Concen: 78.736 ng
RT: 19.407 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

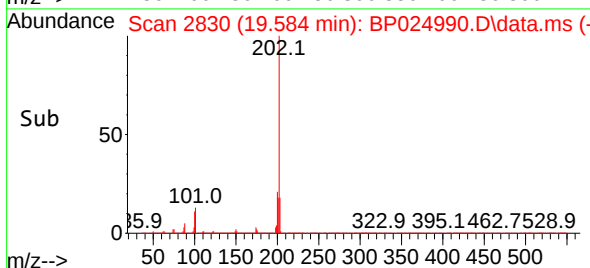
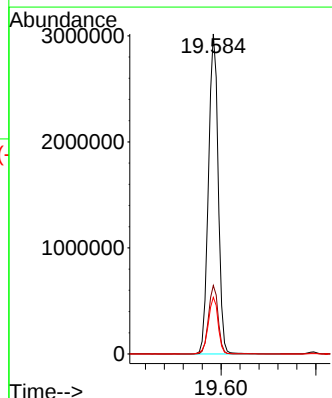
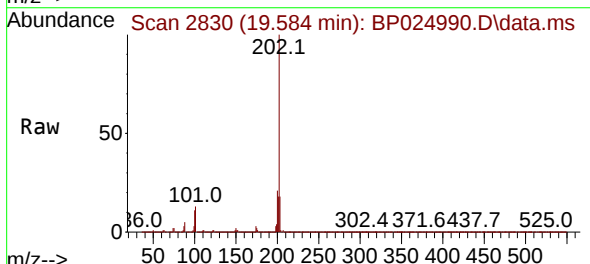
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

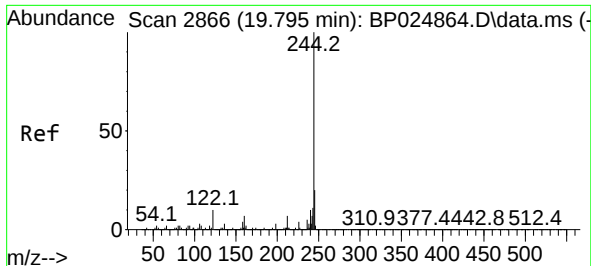
Tgt Ion:184 Resp: 3332482
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.1 9.5 14.3



#78
Pyrene
Concen: 50.066 ng
RT: 19.584 min Scan# 2830
Delta R.T. 0.012 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:202 Resp: 4274371
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.7 14.0 21.0

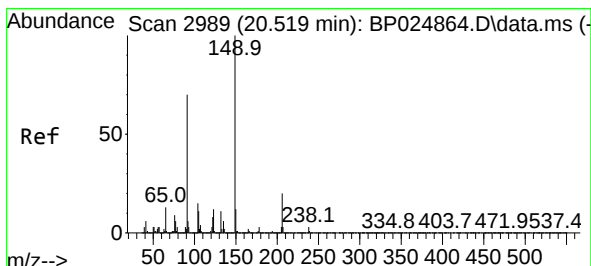
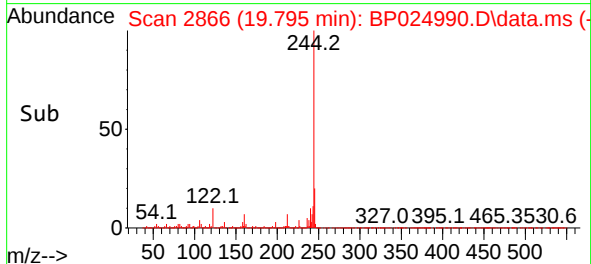
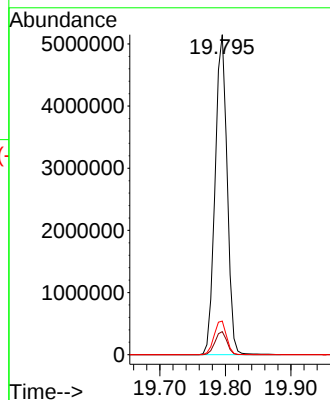
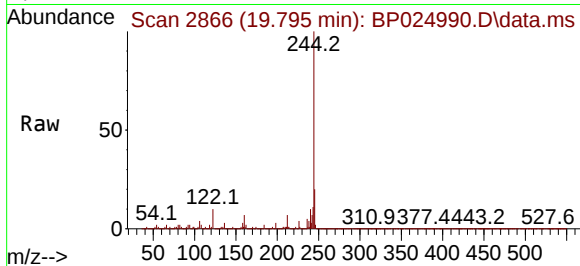




#79
 Terphenyl-d14
 Concen: 85.944 ng
 RT: 19.795 min Scan# 2866
 Delta R.T. 0.000 min
 Lab File: BP024990.D
 Acq: 18 Jun 2025 11:58

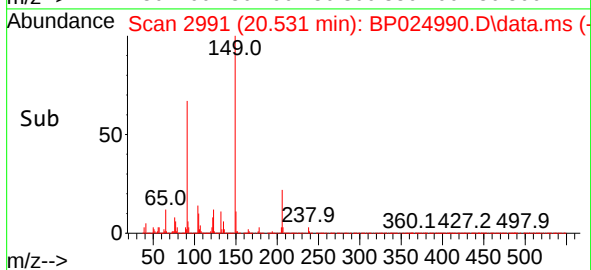
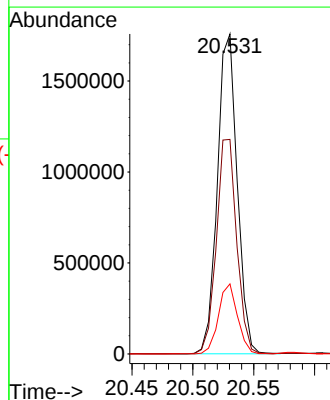
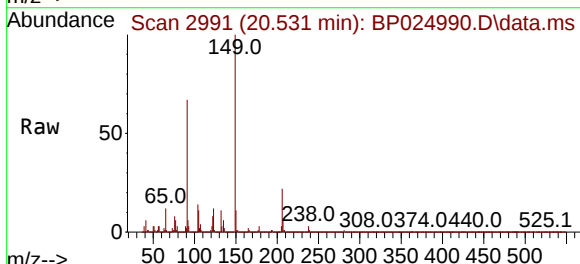
Instrument :
 BNA_P
 ClientSampleId :
 PB168509BSD

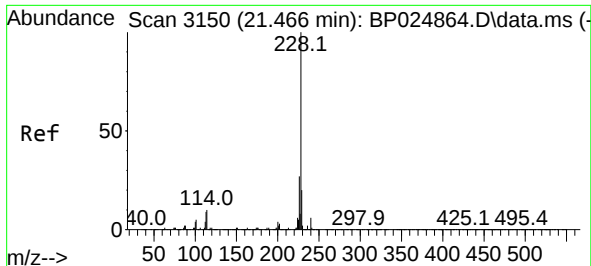
Tgt Ion:244 Resp: 6553125
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 51.044 ng
 RT: 20.531 min Scan# 2991
 Delta R.T. 0.012 min
 Lab File: BP024990.D
 Acq: 18 Jun 2025 11:58

Tgt Ion:149 Resp: 1996163
 Ion Ratio Lower Upper
 149 100
 91 67.0 55.8 83.8
 206 21.9 16.2 24.2

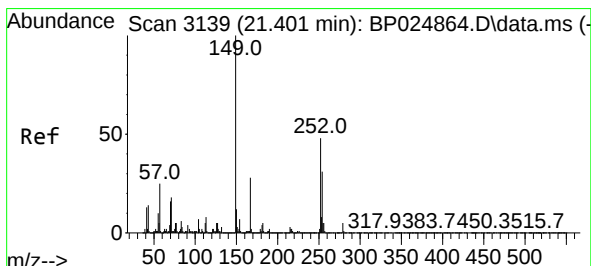
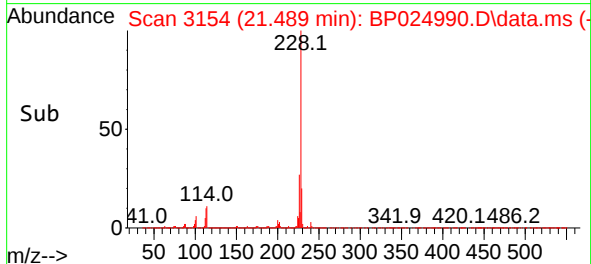
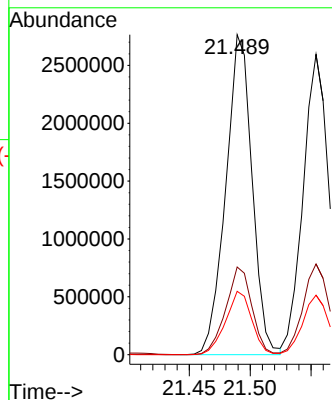
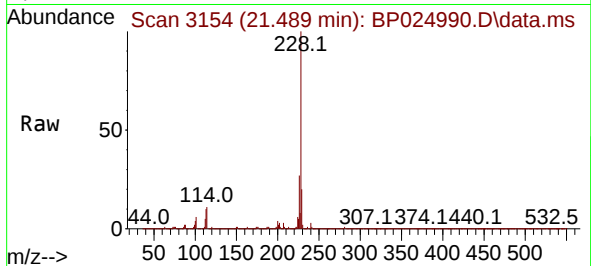




#81
Benzo(a)anthracene
Concen: 47.621 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.024 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

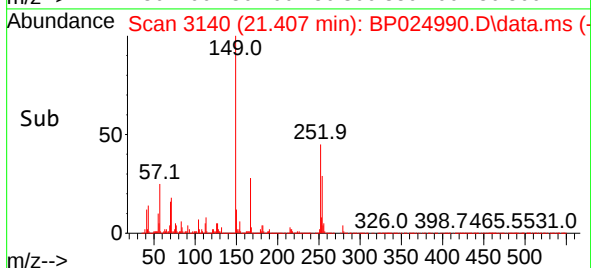
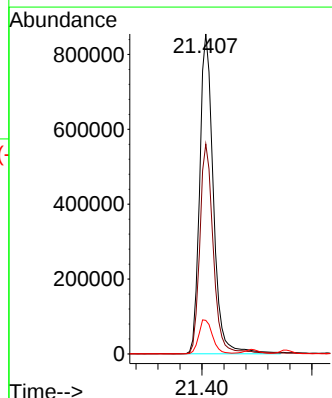
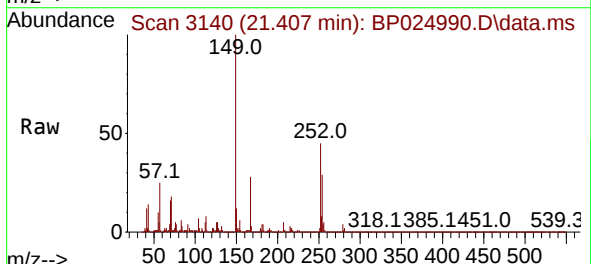
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

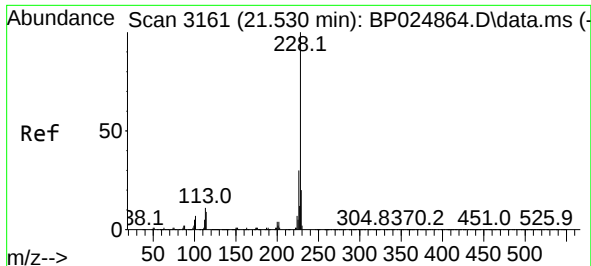
Tgt Ion:228 Resp: 4162196
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 42.551 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:252 Resp: 1476481
Ion Ratio Lower Upper
252 100
254 65.6 51.2 76.8
126 10.5 8.6 12.8

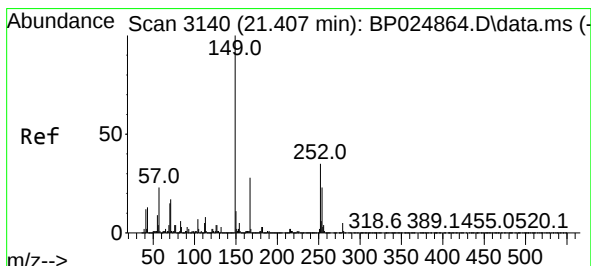
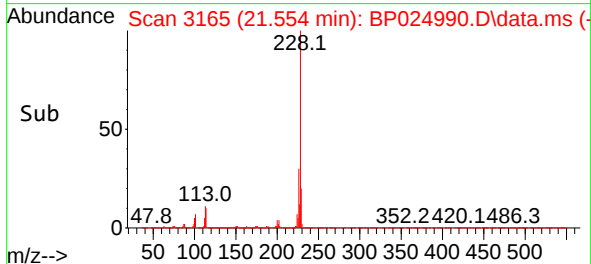
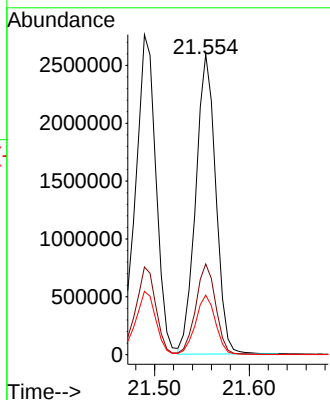
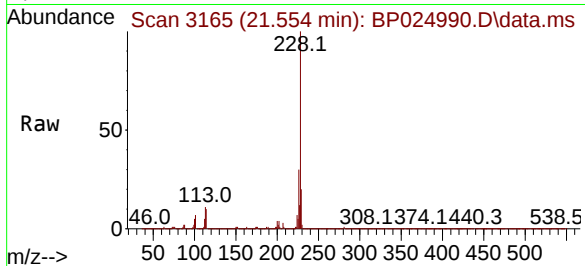




#83
Chrysene
Concen: 46.024 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.024 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

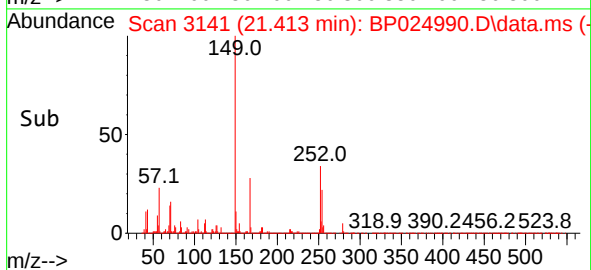
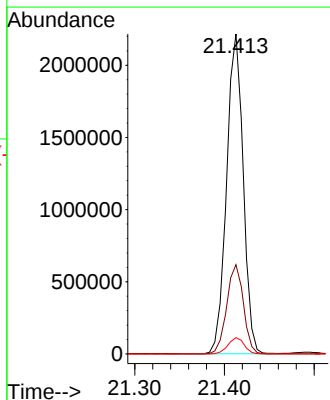
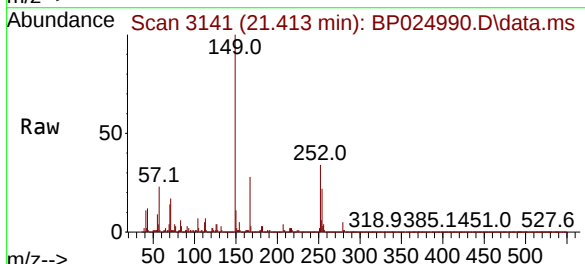
Instrument :
BNA_P
ClientSampleId :
PB168509BSD

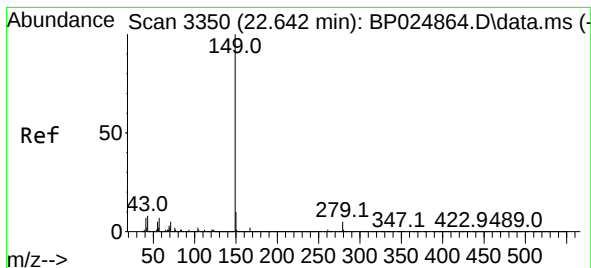
Tgt Ion:228 Resp: 3811592
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 19.8 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.721 ng
RT: 21.413 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BP024990.D
Acq: 18 Jun 2025 11:58

Tgt Ion:149 Resp: 2841879
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.924 ng

RT: 22.654 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

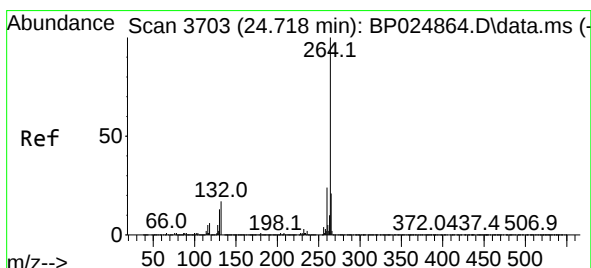
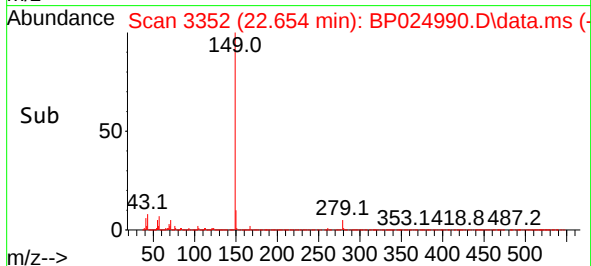
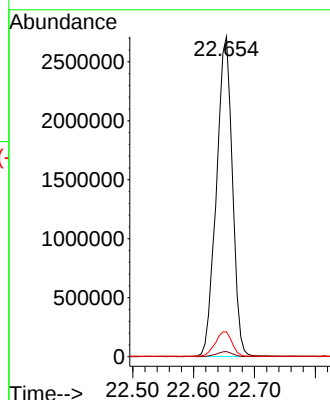
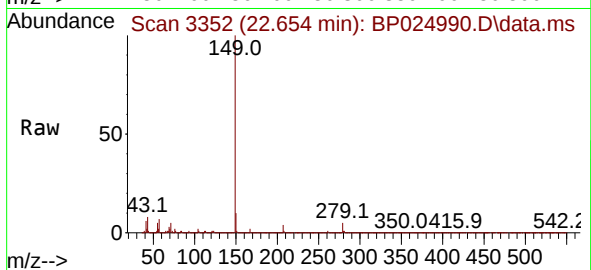
Tgt Ion:149 Resp: 4930399

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: 24.766 min Scan# 3711

Delta R.T. 0.047 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

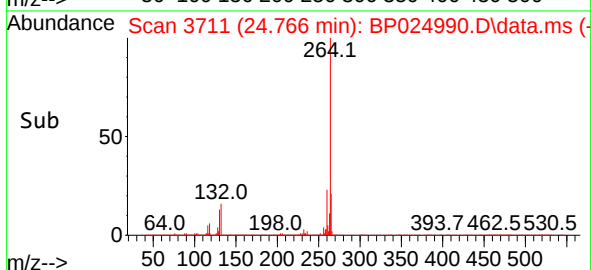
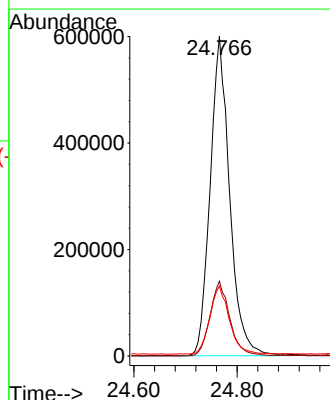
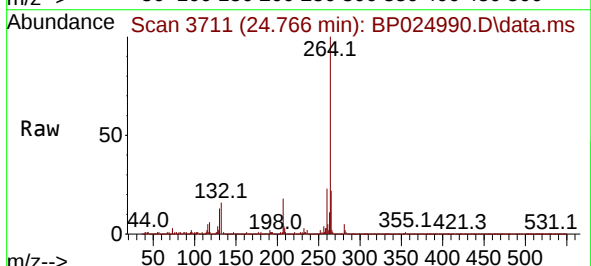
Tgt Ion:264 Resp: 1569185

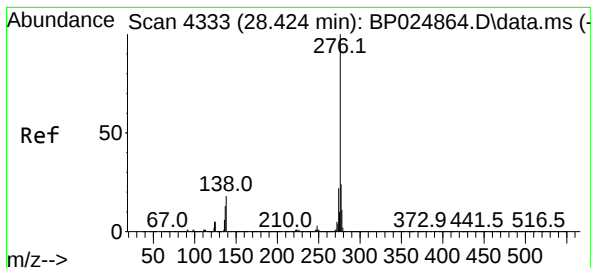
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.179 ng

RT: 28.495 min Scan# 41

Delta R.T. 0.071 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

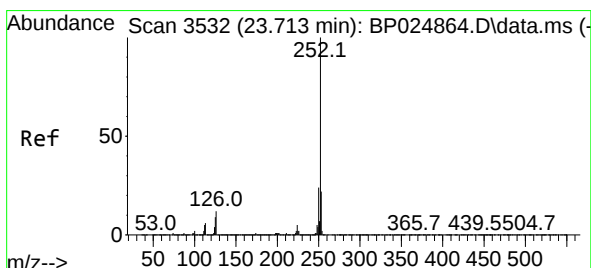
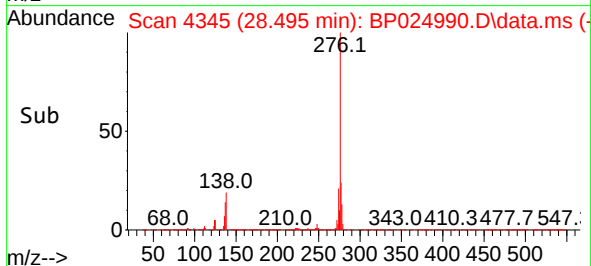
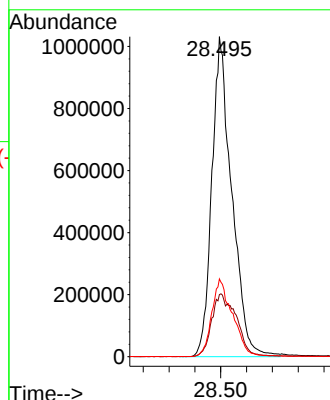
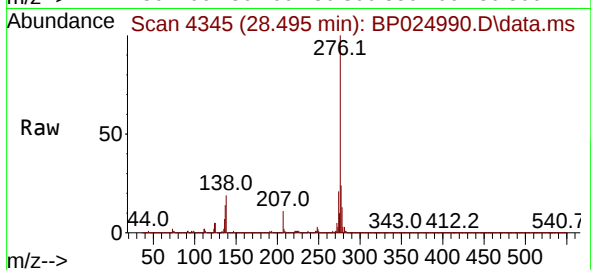
Tgt Ion:276 Resp: 5516053

Ion Ratio Lower Upper

276 100

138 24.4 18.6 27.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.745 ng

RT: 23.748 min Scan# 3538

Delta R.T. 0.035 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

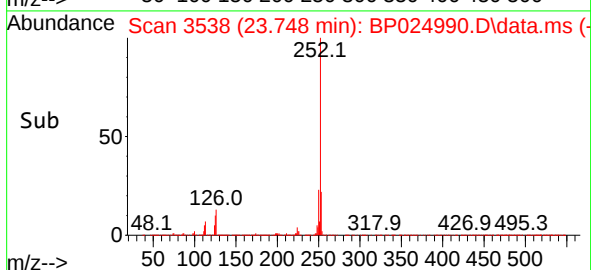
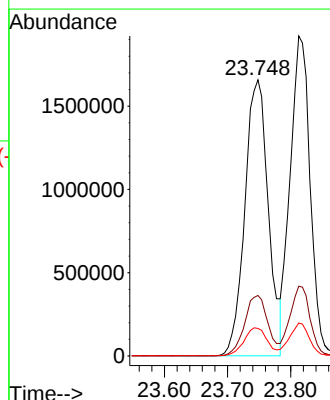
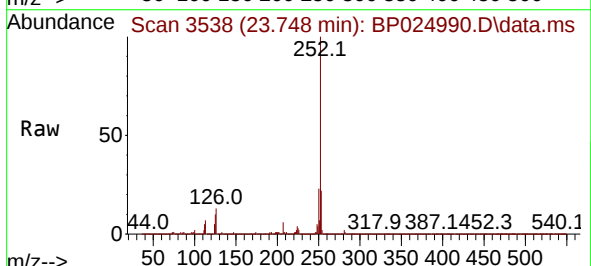
Tgt Ion:252 Resp: 4287694

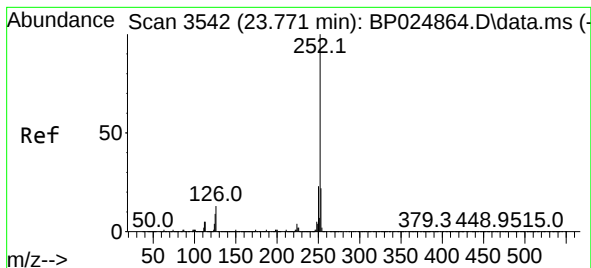
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.514 ng

RT: 23.813 min Scan# 3542

Delta R.T. 0.041 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

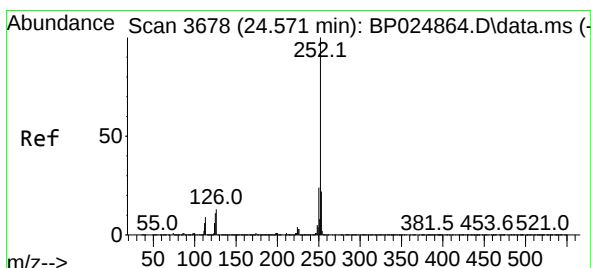
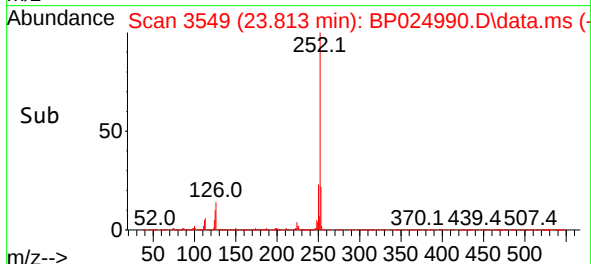
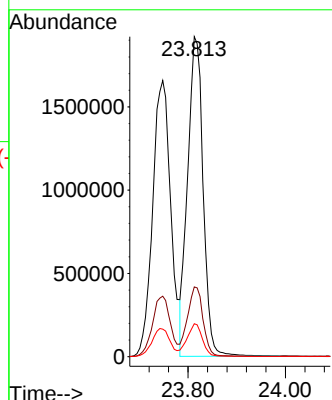
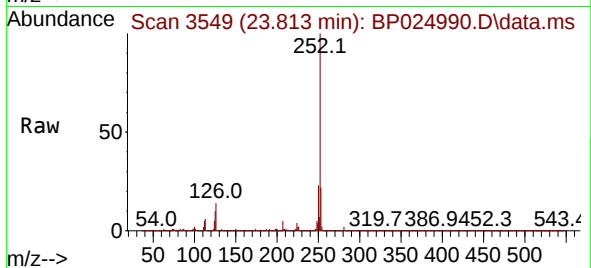
Tgt Ion:252 Resp: 4251992

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.799 ng

RT: 24.624 min Scan# 3687

Delta R.T. 0.053 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

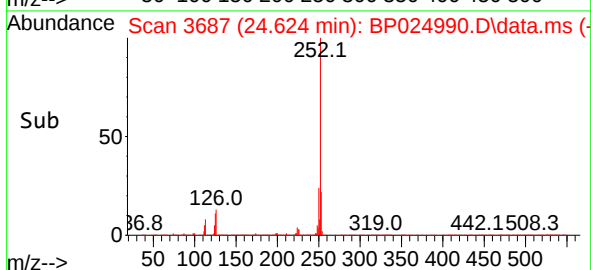
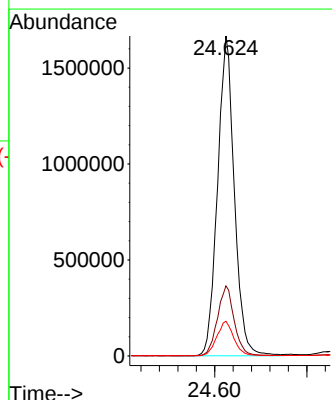
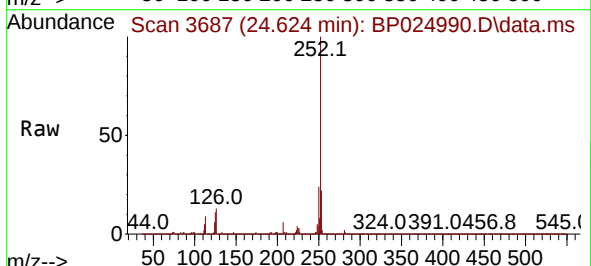
Tgt Ion:252 Resp: 4192073

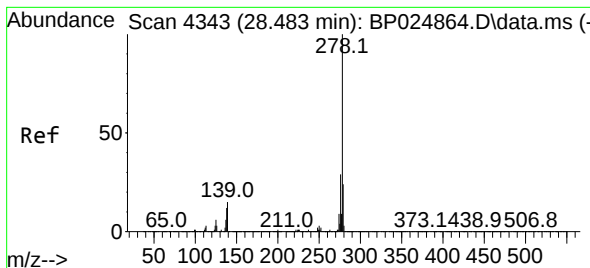
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.577 ng

RT: 28.548 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Instrument :

BNA_P

ClientSampleId :

PB168509BSD

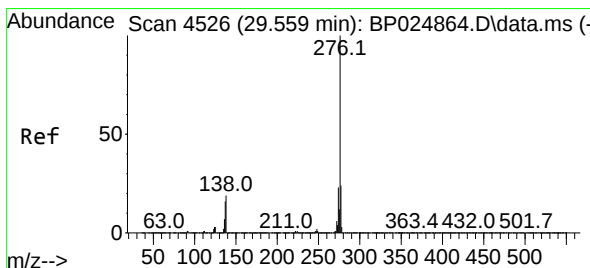
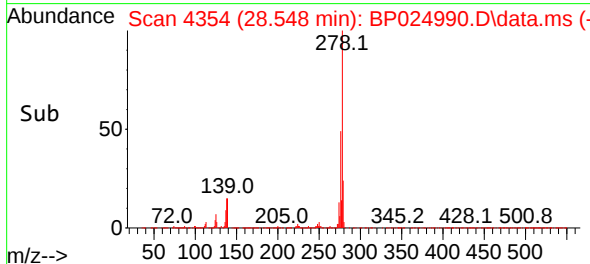
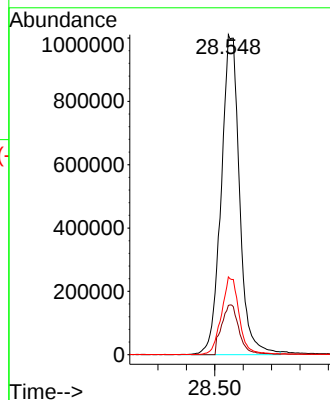
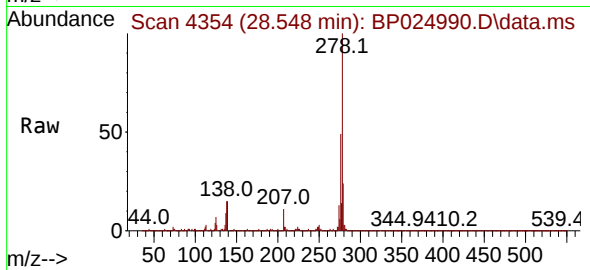
Tgt Ion:278 Resp: 4526985

Ion Ratio Lower Upper

278 100

139 15.4 12.0 18.0

279 24.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.042 ng

RT: 29.654 min Scan# 4542

Delta R.T. 0.094 min

Lab File: BP024990.D

Acq: 18 Jun 2025 11:58

Tgt Ion:276 Resp: 4442192

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 21.0 15.4 23.2

