

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
 Data File : BP024925.D
 Acq On : 12 Jun 2025 11:39
 Operator : RC/JU
 Sample : PB168373BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168373BS

Quant Time: Jun 12 12:18:15 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	7.607	152	265957	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1024494	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	644216	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1195820	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1256172	20.000	ng	0.00
86) Perylene-d12	24.753	264	1457399	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2402808	150.805	ng	0.00
7) Phenol-d6	6.819	99	2992744	141.962	ng	0.00
23) Nitrobenzene-d5	8.766	82	1865434	88.480	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	1401017	157.300	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4222019	88.287	ng	0.00
79) Terphenyl-d14	19.783	244	6414314	91.516	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.166	88	265572	37.880	ng	98
3) Pyridine	3.560	79	683402	40.533	ng	99
4) n-Nitrosodimethylamine	3.478	42	319816	46.398	ng	99
6) Aniline	6.948	93	849161	31.564	ng	99
8) 2-Chlorophenol	7.190	128	939252	52.000	ng	100
9) Benzaldehyde	6.766	77	450671	37.089	ng	99
10) Phenol	6.848	94	1109120	51.035	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	814642	47.659	ng	100
12) 1,3-Dichlorobenzene	7.495	146	959047	47.596	ng	99
13) 1,4-Dichlorobenzene	7.643	146	968579	47.640	ng	99
14) 1,2-Dichlorobenzene	7.960	146	933983	46.782	ng	99
15) Benzyl Alcohol	7.860	79	799323	49.404	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1012260	45.246	ng	99
17) 2-Methylphenol	8.072	107	760322	50.100	ng	99
18) Hexachloroethane	8.666	117	364407	47.607	ng	98
19) n-Nitroso-di-n-propyla...	8.413	70	639638	44.632	ng	100
20) 3+4-Methylphenols	8.401	107	1021745	49.348	ng	97
22) Acetophenone	8.431	105	1299471	50.203	ng	98
24) Nitrobenzene	8.807	77	951398	50.795	ng	98
25) Isophorone	9.331	82	1794124	49.101	ng	100
26) 2-Nitrophenol	9.507	139	510305	55.219	ng	98
27) 2,4-Dimethylphenol	9.584	122	849802	53.730	ng	99
28) bis(2-Chloroethoxy)met...	9.801	93	1110718	50.959	ng	99
29) 2,4-Dichlorophenol	10.054	162	847130	55.821	ng	99
30) 1,2,4-Trichlorobenzene	10.248	180	863072	50.423	ng	99
31) Naphthalene	10.431	128	2622359	49.948	ng	100
32) Benzoic acid	9.784	122	606290	56.727	ng	98
33) 4-Chloroaniline	10.554	127	513253	23.334	ng	99
34) Hexachlorobutadiene	10.707	225	542550	52.591	ng	99
35) Caprolactam	11.360	113	277379	49.654	ng	95
36) 4-Chloro-3-methylphenol	11.707	107	922865	52.723	ng	99
37) 2-Methylnaphthalene	12.042	142	1680487	50.461	ng	99
38) 1-Methylnaphthalene	12.266	142	1758486	49.389	ng	98
40) 1,2,4,5-Tetrachloroben...	12.425	216	944450	51.666	ng	99
41) Hexachlorocyclopentadiene	12.395	237	1205994	108.165	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	681857	55.543	ng	99

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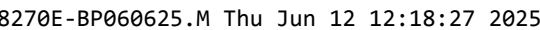
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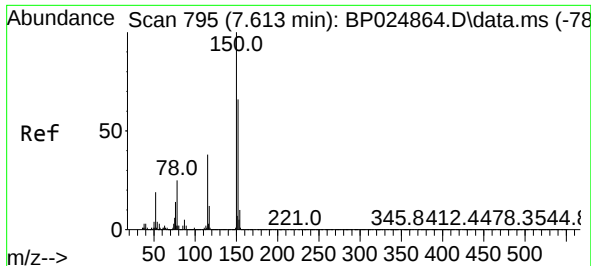
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	743393	56.544	ng	98
46) 1,1'-Biphenyl	13.072	154	2383810	50.918	ng	99
47) 2-Chloronaphthalene	13.113	162	1845122	51.278	ng	99
48) 2-Nitroaniline	13.336	65	571529	51.665	ng	94
49) Acenaphthylene	13.972	152	3008682	50.148	ng	99
50) Dimethylphthalate	13.713	163	2379375	50.068	ng	99
51) 2,6-Dinitrotoluene	13.842	165	535727	52.292	ng	98
52) Acenaphthene	14.319	154	1726907	50.231	ng	99
53) 3-Nitroaniline	14.183	138	325574	30.623	ng	96
54) 2,4-Dinitrophenol	14.401	184	678754	100.234	ng	98
55) Dibenzofuran	14.660	168	2744391	49.730	ng	100
56) 4-Nitrophenol	14.536	139	866647	95.185	ng	97
57) 2,4-Dinitrotoluene	14.648	165	750106	52.342	ng	97
58) Fluorene	15.324	166	2237785	50.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	646136	55.006	ng	97
60) Diethylphthalate	15.101	149	2450351	51.737	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1125333	51.627	ng	99
62) 4-Nitroaniline	15.366	138	487590	50.580	ng	97
63) Azobenzene	15.613	77	2188130	50.374	ng	99
65) 4,6-Dinitro-2-methylph...	15.436	198	436463	55.546	ng	98
66) n-Nitrosodiphenylamine	15.542	169	1986191	53.587	ng	99
67) 4-Bromophenyl-phenylether	16.230	248	747760	55.419	ng	98
68) Hexachlorobenzene	16.354	284	904637	55.305	ng	97
69) Atrazine	16.524	200	731293	54.425	ng	97
70) Pentachlorophenol	16.718	266	1112319	131.392	ng	99
71) Phenanthrene	17.101	178	3401344	51.471	ng	99
72) Anthracene	17.195	178	3509950	52.445	ng	99
73) Carbazole	17.483	167	3220300	51.912	ng	99
74) Di-n-butylphthalate	18.065	149	4158916	54.111	ng	100
75) Fluoranthene	19.195	202	3911598	51.070	ng	99
77) Benzidine	19.389	184	1372554	35.279	ng	100
78) Pyrene	19.571	202	4050841	51.617	ng	100
80) Butylbenzylphthalate	20.518	149	1947363	54.173	ng	96
81) Benzo(a)anthracene	21.465	228	4150592	51.661	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1058240	33.178	ng	99
83) Chrysene	21.536	228	3887739	51.069	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2884942	56.014	ng	99
85) Di-n-octyl phthalate	22.642	149	5061912	55.760	ng	98
87) Indeno(1,2,3-cd)pyrene	28.465	276	5600962	52.673	ng	# 91
88) Benzo(b)fluoranthene	23.718	252	4494980	53.892	ng	100
89) Benzo(k)fluoranthene	23.789	252	4421428	52.077	ng	100
90) Benzo(a)pyrene	24.600	252	4322758	53.070	ng	99
91) Dibenzo(a,h)anthracene	28.530	278	4568701	52.784	ng	99
92) Benzo(g,h,i)perylene	29.594	276	4501728	52.420	ng	98

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

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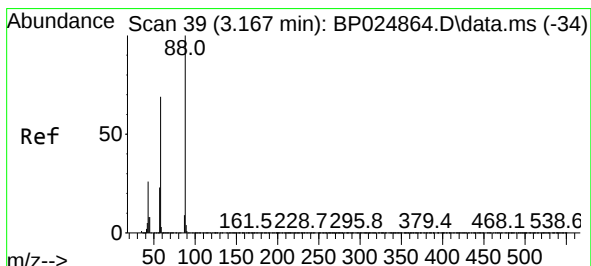
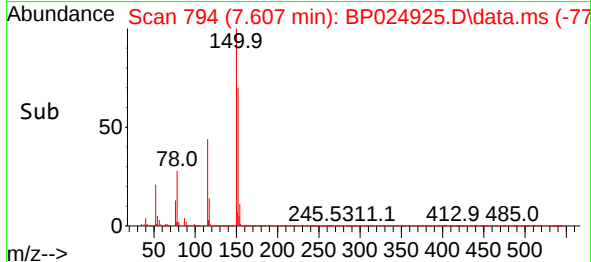
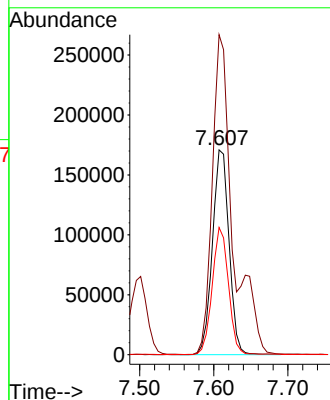
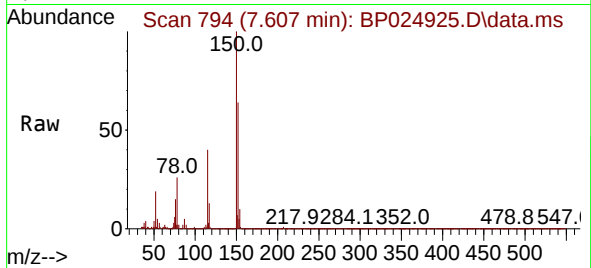




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

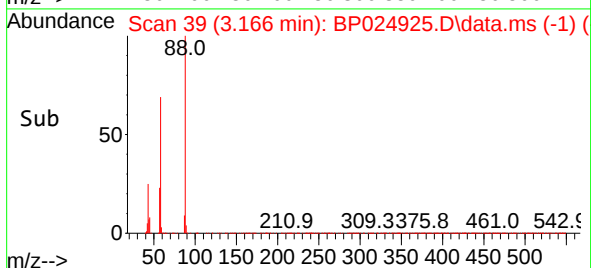
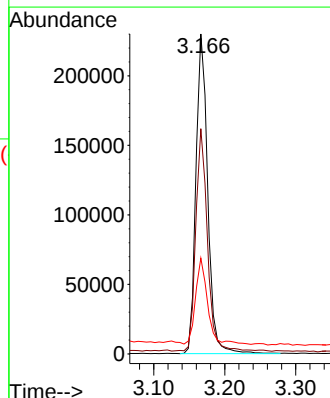
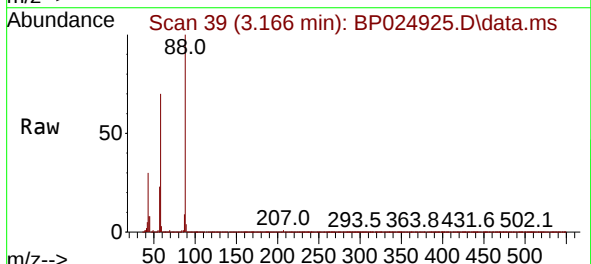
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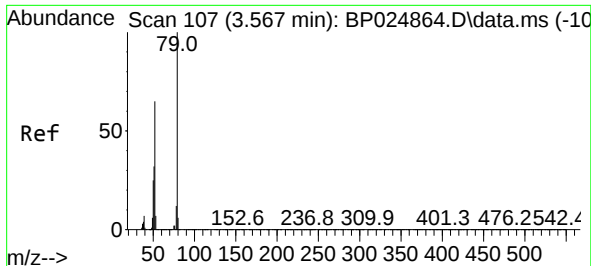
Tgt Ion:152 Resp: 265957
Ion Ratio Lower Upper
152 100
150 156.3 122.1 183.1
115 62.1 46.4 69.6



#2
1,4-Dioxane
Concen: 37.880 ng
RT: 3.166 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 88 Resp: 265572
Ion Ratio Lower Upper
88 100
58 67.8 55.4 83.0
43 27.6 20.8 31.2

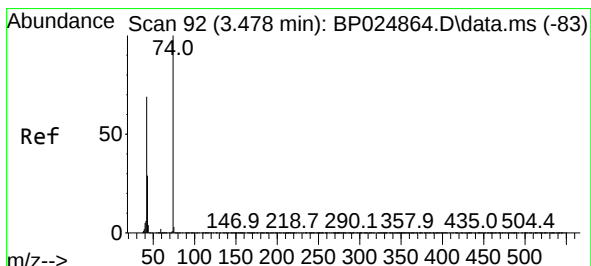
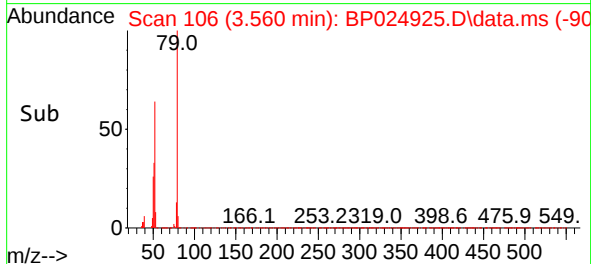
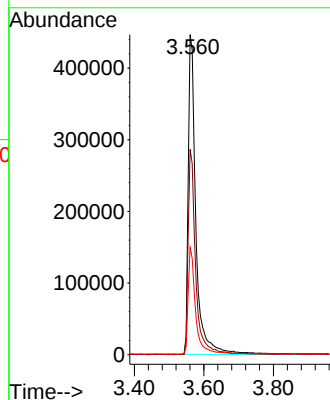
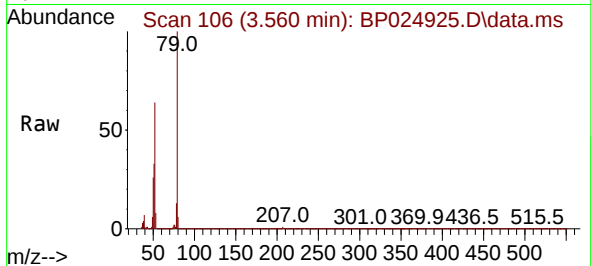




#3
 Pyridine
 Concen: 40.533 ng
 RT: 3.560 min Scan# 107
 Delta R.T. -0.006 min
 Lab File: BP024925.D
 Acq: 12 Jun 2025 11:39

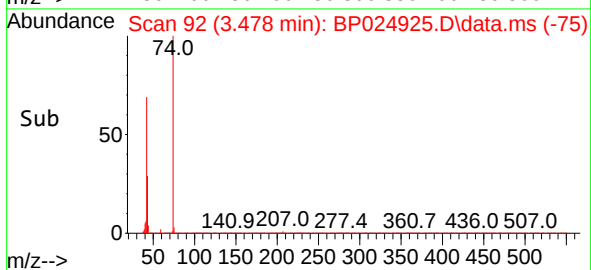
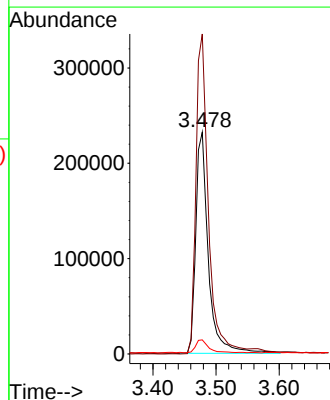
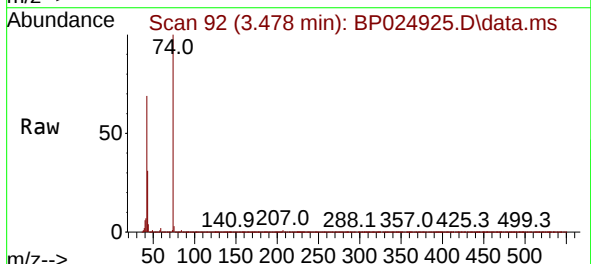
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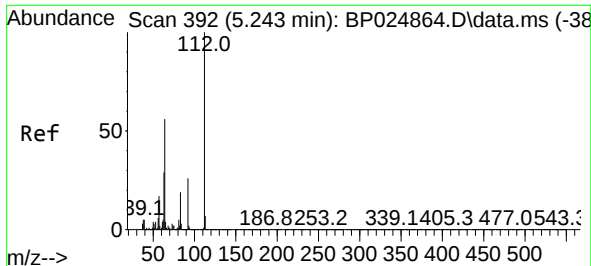
Tgt Ion: 79 Resp: 683402
 Ion Ratio Lower Upper
 79 100
 52 64.1 51.6 77.4
 51 33.5 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 46.398 ng
 RT: 3.478 min Scan# 92
 Delta R.T. -0.000 min
 Lab File: BP024925.D
 Acq: 12 Jun 2025 11:39

Tgt Ion: 42 Resp: 319816
 Ion Ratio Lower Upper
 42 100
 74 144.3 116.6 174.8
 44 6.4 5.4 8.0

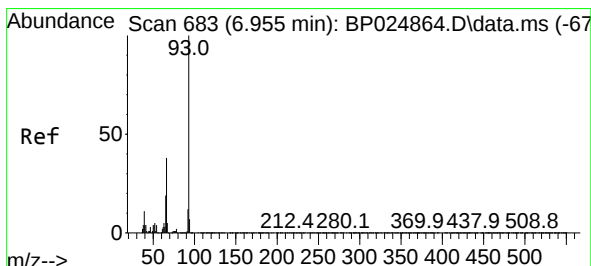
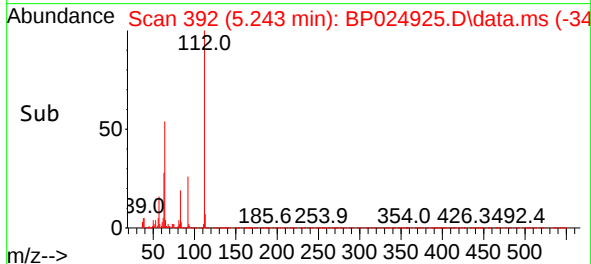
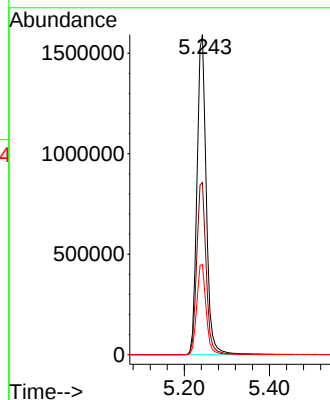
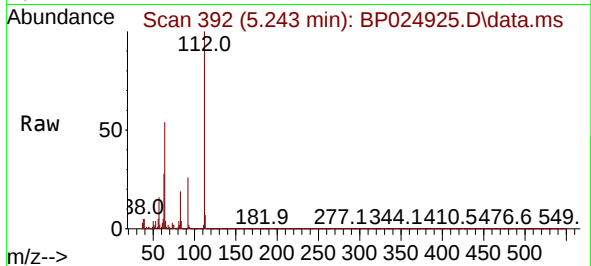




#5
2-Fluorophenol
Concen: 150.805 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

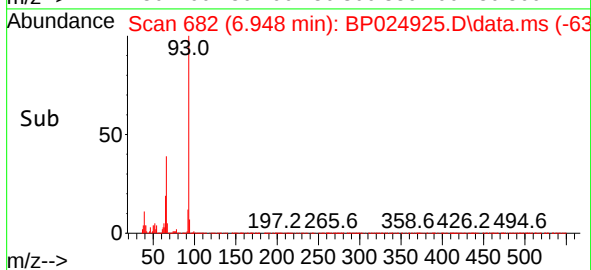
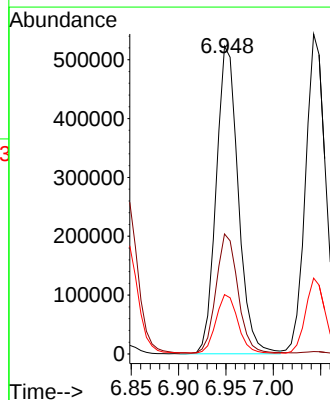
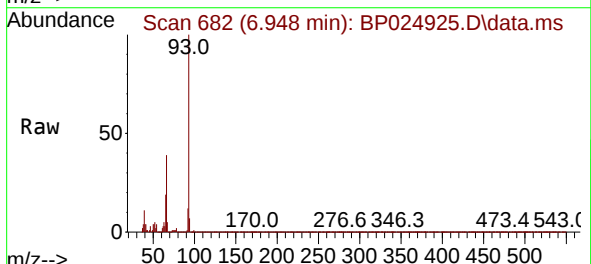
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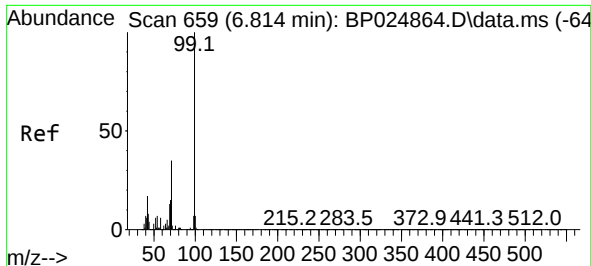
Tgt Ion:112 Resp: 2402808
Ion Ratio Lower Upper
112 100
64 53.8 44.7 67.1
63 28.1 23.5 35.3



#6
Aniline
Concen: 31.564 ng
RT: 6.948 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 93 Resp: 849161
Ion Ratio Lower Upper
93 100
66 39.0 30.9 46.3
65 19.3 15.5 23.3

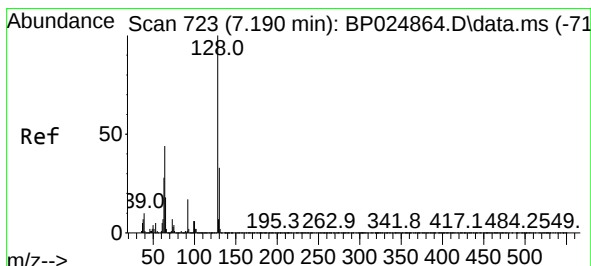
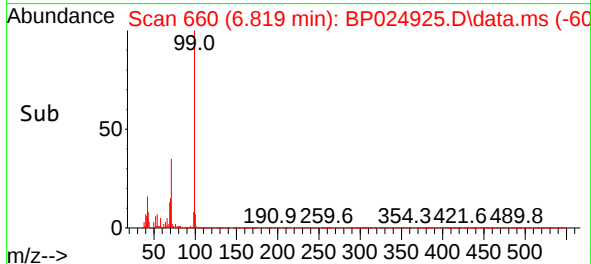
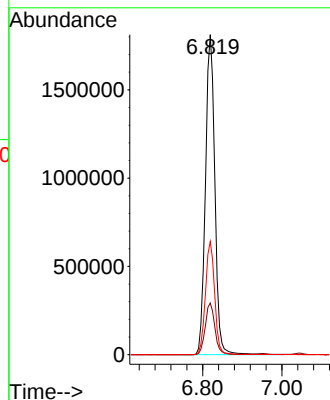
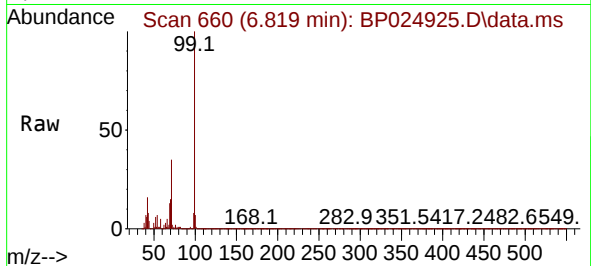




#7
Phenol-d6
Concen: 141.962 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

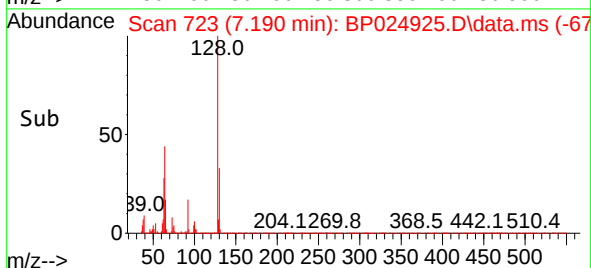
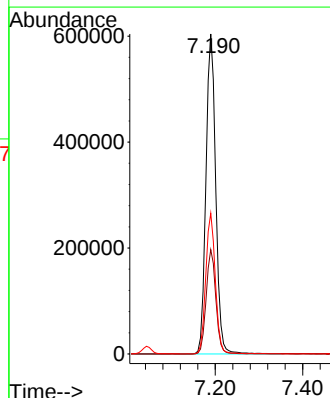
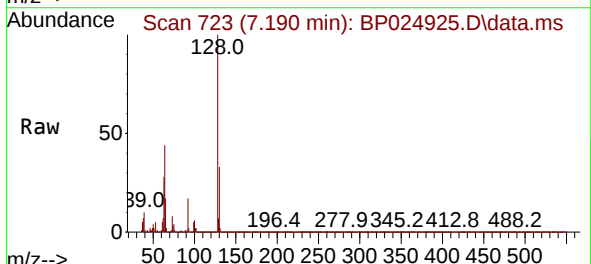
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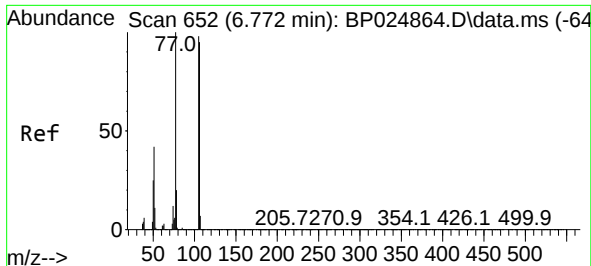
Tgt Ion: 99 Resp: 2992744
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.2
71 35.4 27.6 41.4



#8
2-Chlorophenol
Concen: 52.000 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 128 Resp: 939252
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 44.0 24.1 64.1

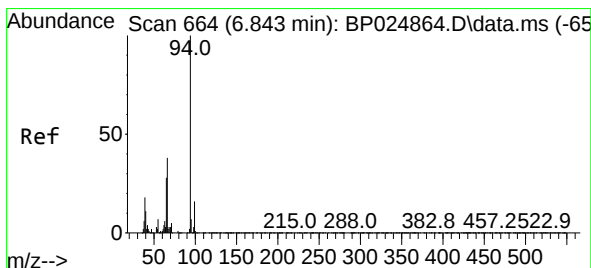
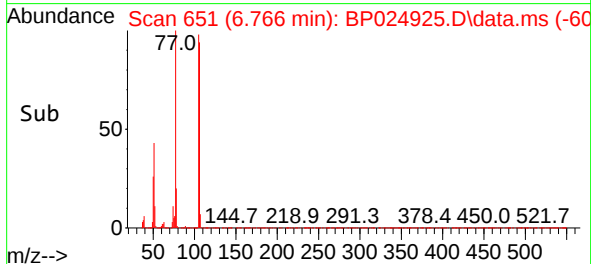
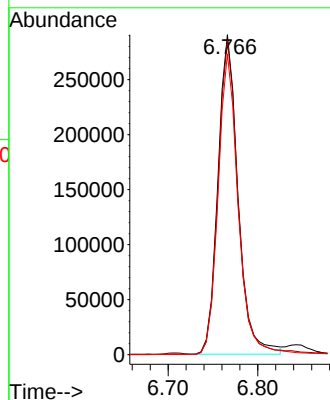
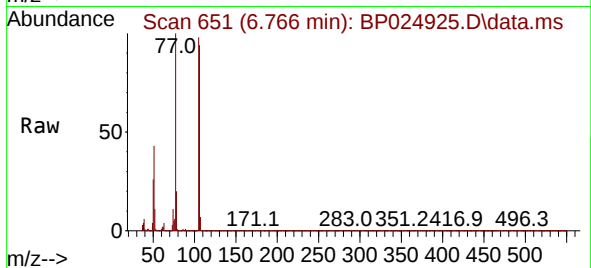




#9
Benzaldehyde
Concen: 37.089 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

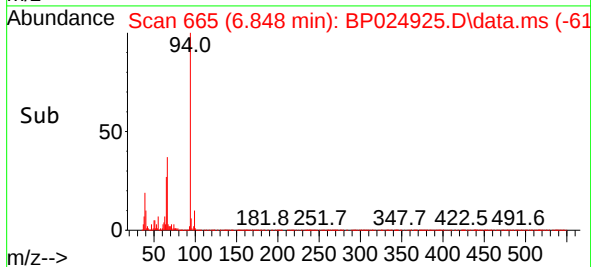
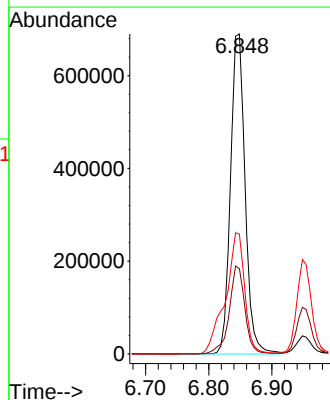
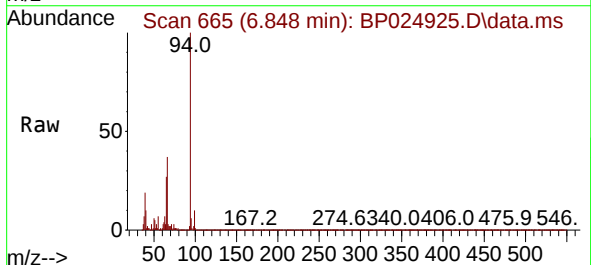
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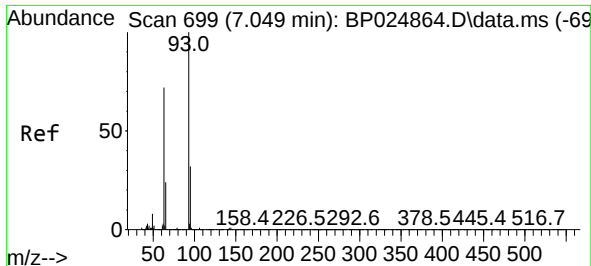
Tgt Ion: 77 Resp: 450671
Ion Ratio Lower Upper
77 100
105 98.4 77.7 117.7
106 94.0 74.8 114.8



#10
Phenol
Concen: 51.035 ng
RT: 6.848 min Scan# 665
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 94 Resp: 1109120
Ion Ratio Lower Upper
94 100
65 26.7 8.3 48.3
66 37.4 18.2 58.2



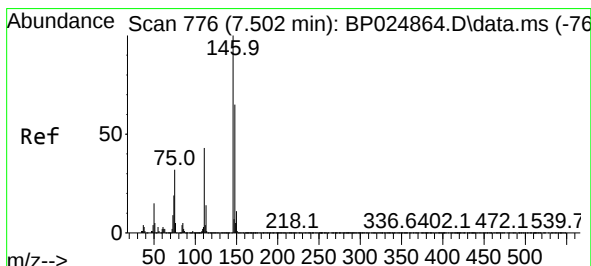
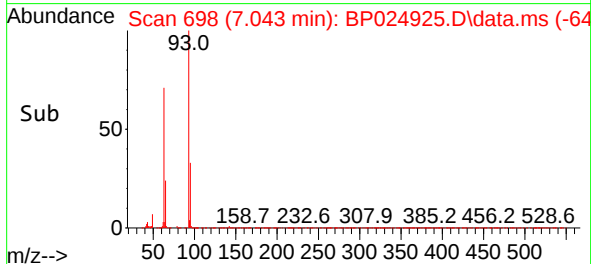
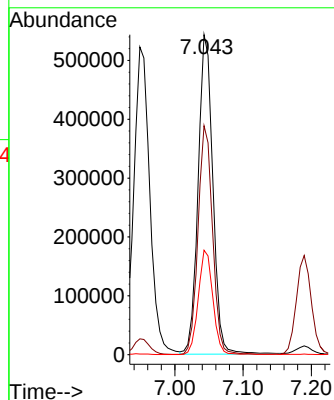
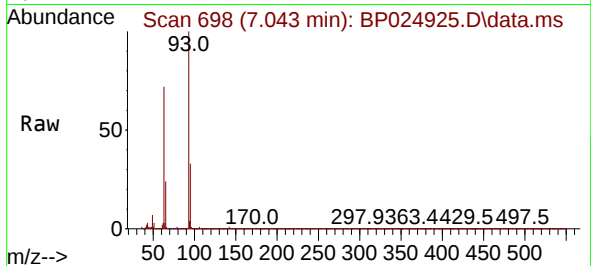


#11
bis(2-Chloroethyl)ether
Concen: 47.659 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Instrument :
BNA_P
ClientSampleId :
PB168373BS

Tgt Ion: 93 Resp: 814642

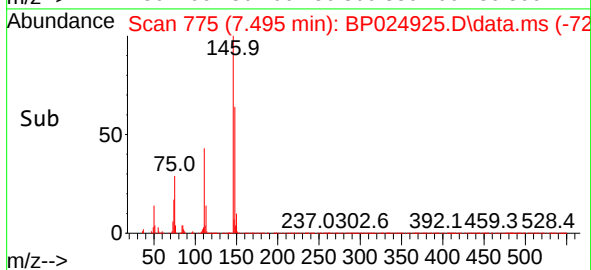
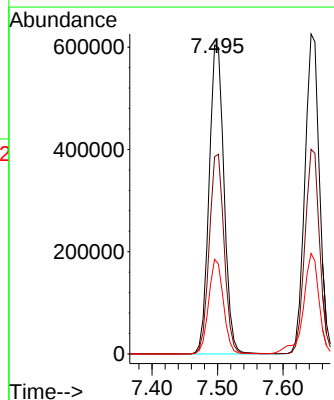
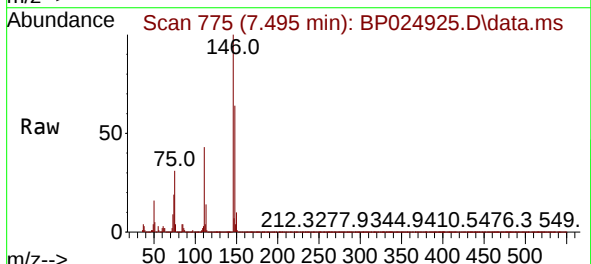
Ion	Ratio	Lower	Upper
93	100		
63	71.6	51.6	91.6
95	32.6	12.1	52.1

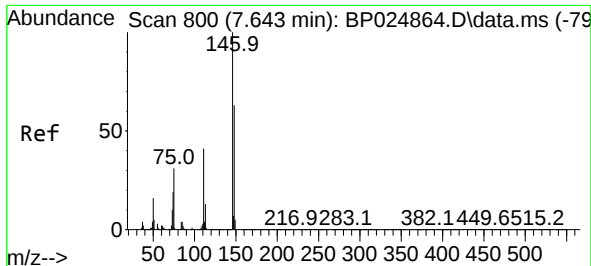


#12
1,3-Dichlorobenzene
Concen: 47.596 ng
RT: 7.495 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 146 Resp: 959047

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	30.7	25.3	37.9

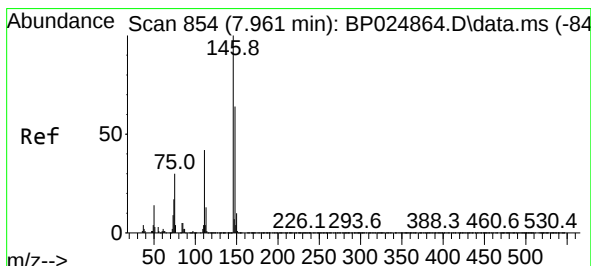
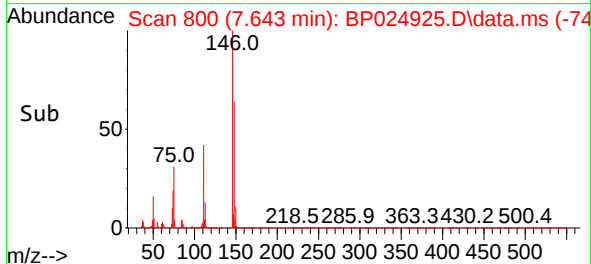
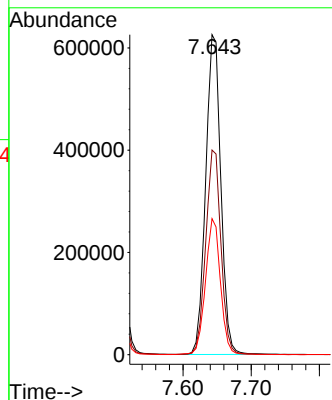
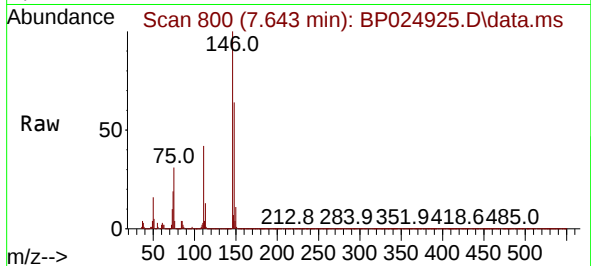




#13
1,4-Dichlorobenzene
Concen: 47.640 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

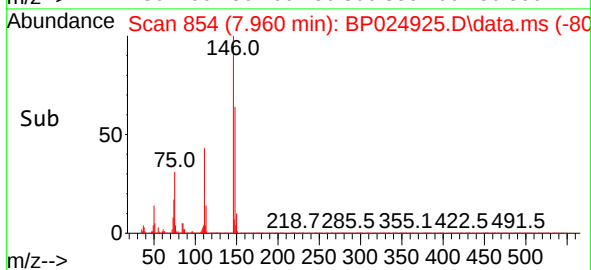
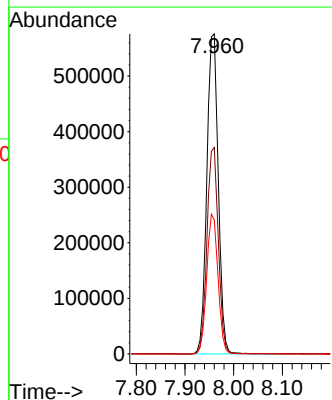
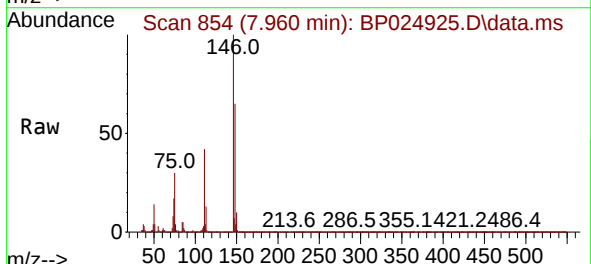
Instrument :
BNA_P
ClientSampleId :
PB168373BS

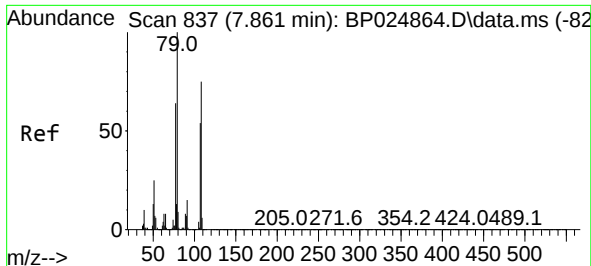
Tgt Ion:146 Resp: 968579
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 42.5 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 46.782 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:146 Resp: 933983
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
111 41.9 33.8 50.8

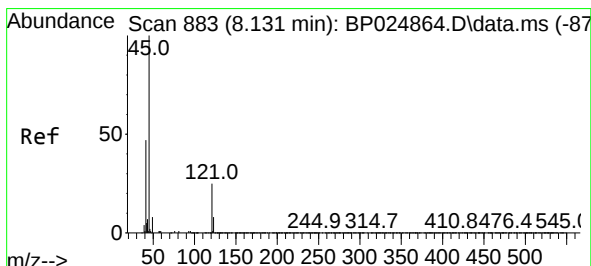
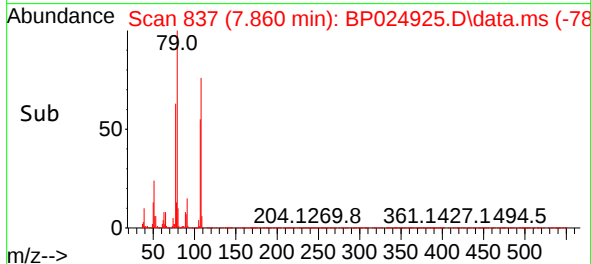
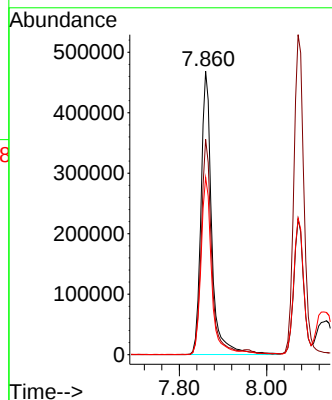
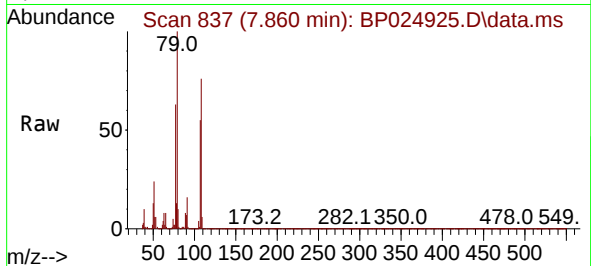




#15
Benzyl Alcohol
Concen: 49.404 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

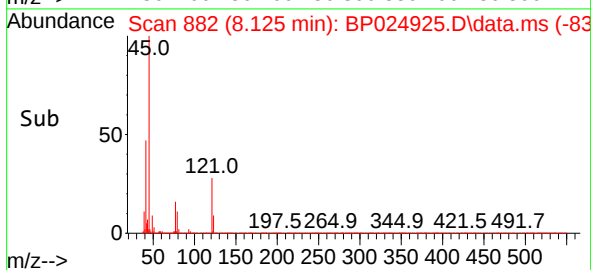
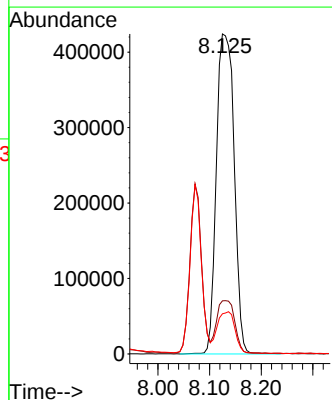
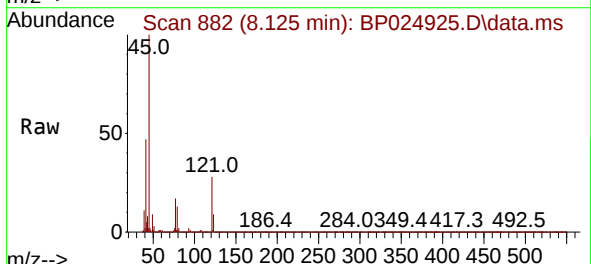
Instrument :
BNA_P
ClientSampleId :
PB168373BS

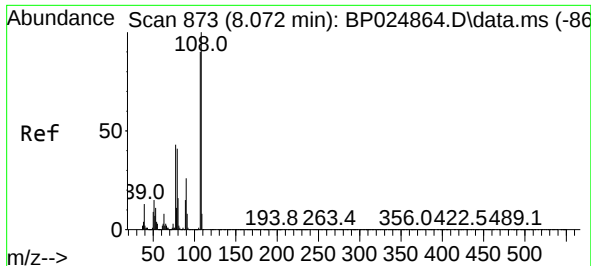
Tgt Ion: 79 Resp: 799323
Ion Ratio Lower Upper
79 100
108 76.0 60.2 90.4
77 62.5 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.246 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 45 Resp: 1012260
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.3
79 12.5 0.0 32.2

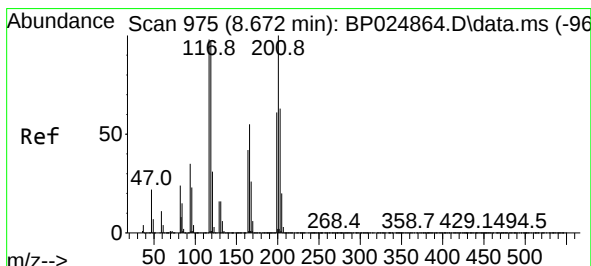
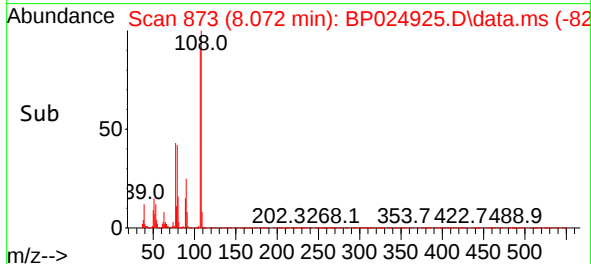
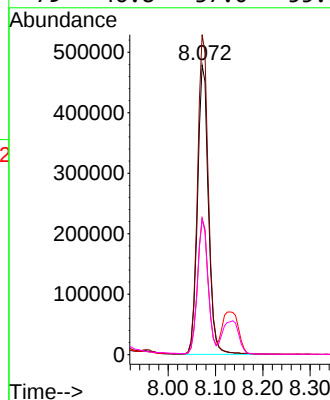
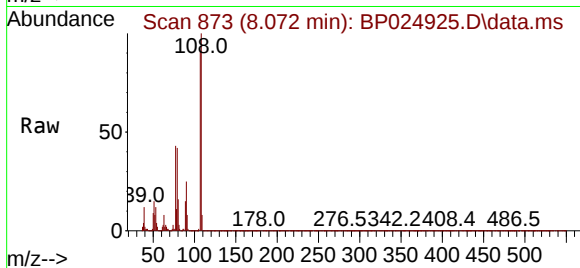




#17
2-Methylphenol
Concen: 50.100 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

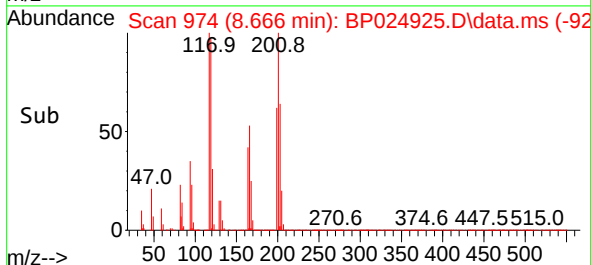
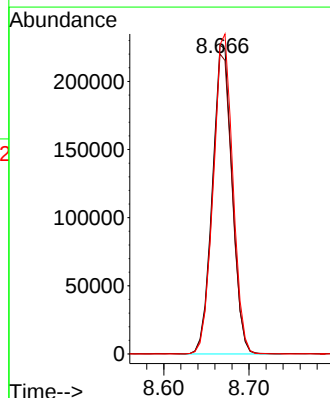
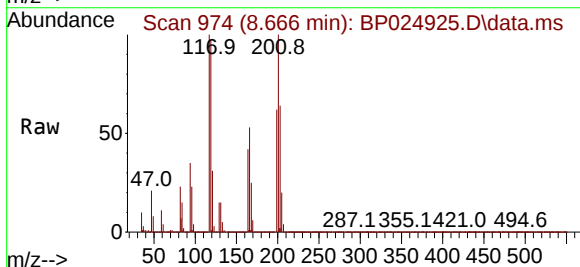
Instrument :
BNA_P
ClientSampleId :
PB168373BS

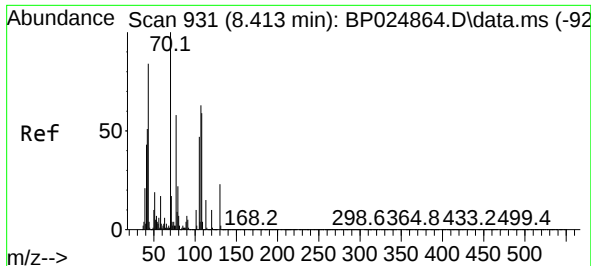
Tgt Ion:	107	Resp:	760322
Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.6	132.8
77	47.0	38.5	57.7
79	46.8	37.0	55.6



#18
Hexachloroethane
Concen: 47.607 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:	117	Resp:	364407
Ion	Ratio	Lower	Upper
117	100		
119	97.1	79.4	119.2
201	100.2	81.4	122.2



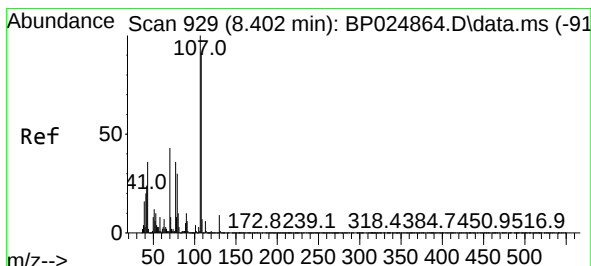
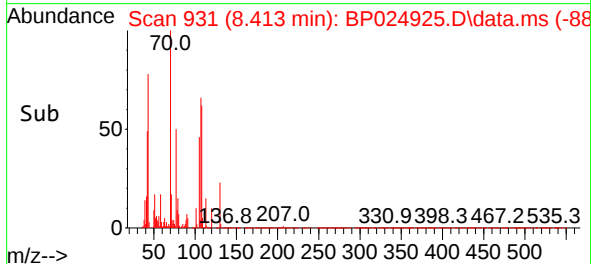
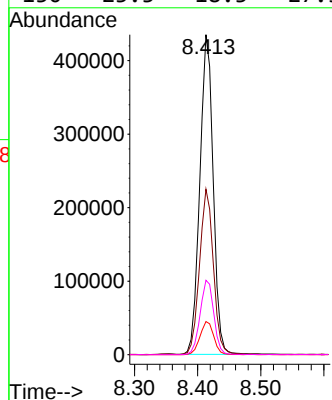
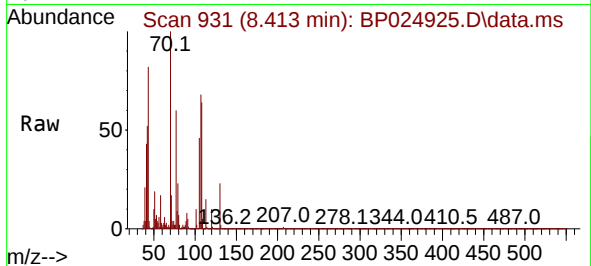


#19
n-Nitroso-di-n-propylamine
Concen: 44.632 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Instrument :
BNA_P
ClientSampleId :
PB168373BS

Tgt Ion: 70 Resp: 639638

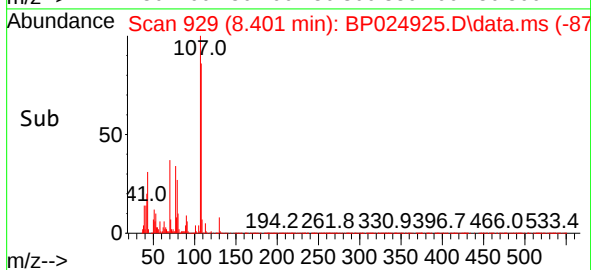
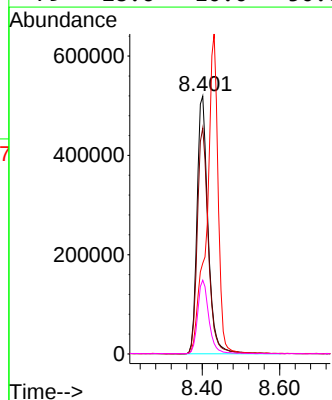
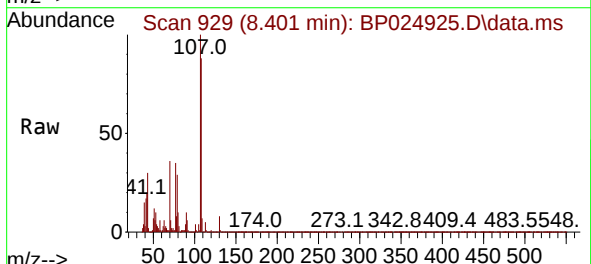
Ion	Ratio	Lower	Upper
70	100		
42	51.7	41.2	61.8
101	10.3	8.3	12.5
130	23.3	18.3	27.5

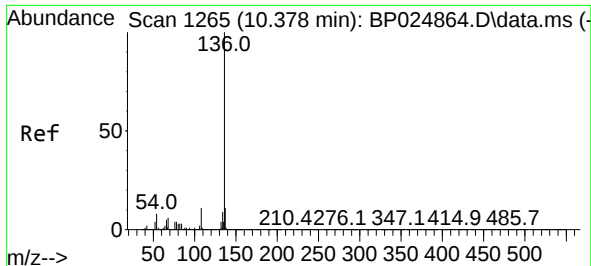


#20
3+4-Methylphenols
Concen: 49.348 ng
RT: 8.401 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 107 Resp: 1021745

Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.7	110.7
77	35.2	16.6	56.6
79	28.6	10.0	50.0



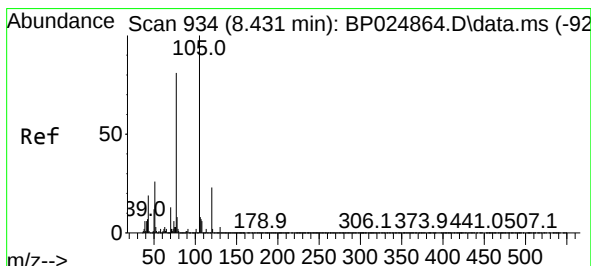
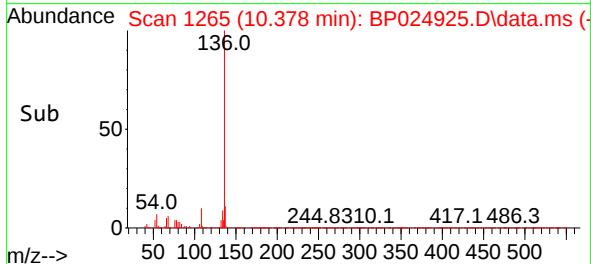
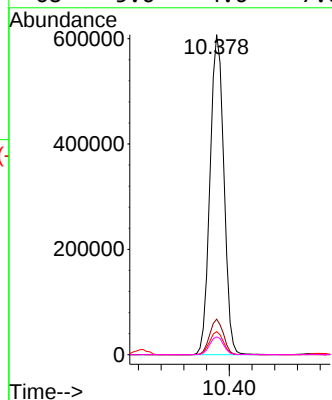
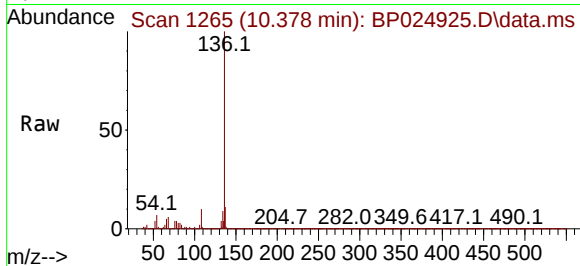


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Instrument :
BNA_P
ClientSampleId :
PB168373BS

Tgt Ion:136 Resp: 1024494

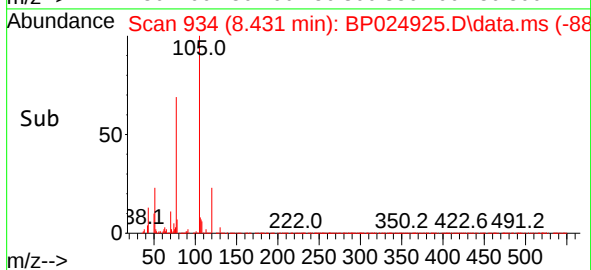
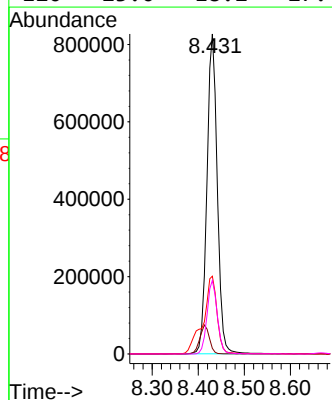
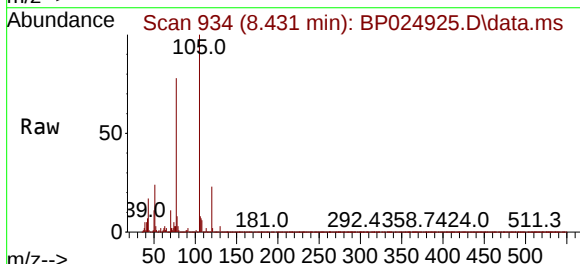
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.1	9.1
68	5.6	4.6	7.0

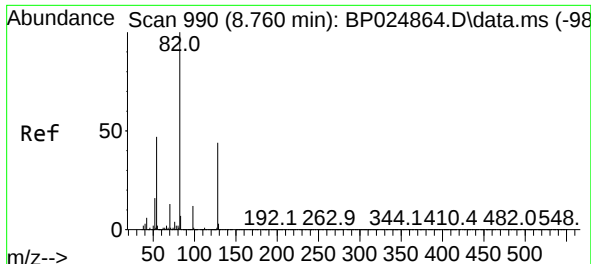


#22
Acetophenone
Concen: 50.203 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:105 Resp: 1299471

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.6	2.4
51	24.3	20.6	31.0
120	23.0	18.2	27.4

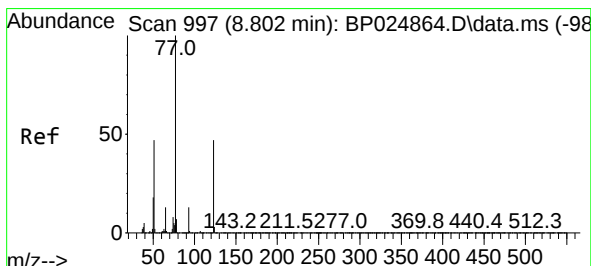
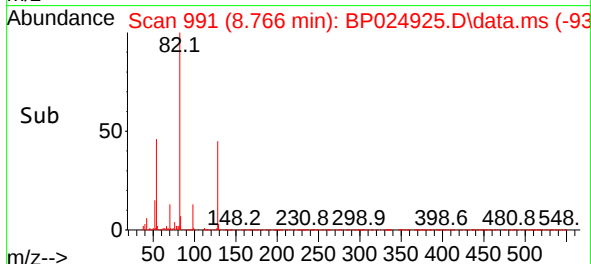
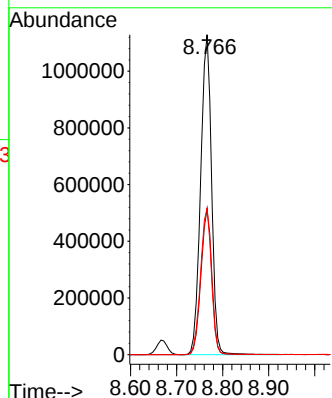
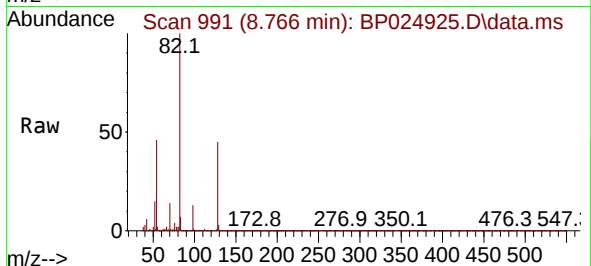




#23
Nitrobenzene-d5
Concen: 88.480 ng
RT: 8.766 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

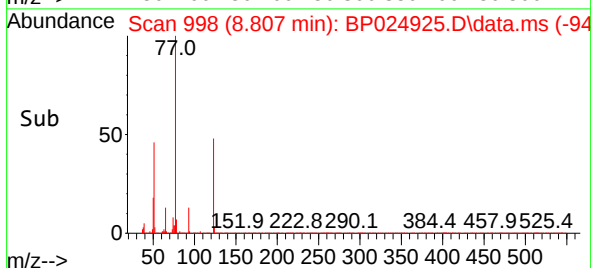
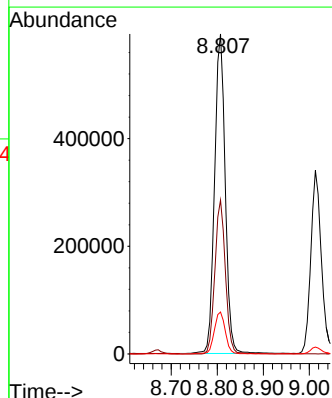
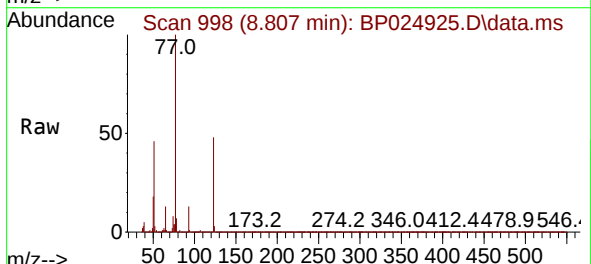
Instrument :
BNA_P
ClientSampleId :
PB168373BS

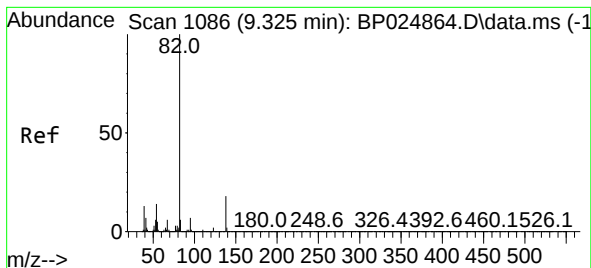
Tgt Ion: 82 Resp: 1865434
Ion Ratio Lower Upper
82 100
128 45.4 35.3 52.9
54 45.8 37.4 56.0



#24
Nitrobenzene
Concen: 50.795 ng
RT: 8.807 min Scan# 998
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 77 Resp: 951398
Ion Ratio Lower Upper
77 100
123 48.1 37.3 55.9
65 13.1 10.8 16.2





#25

Isophorone

Concen: 49.101 ng

RT: 9.331 min Scan# 1087

Delta R.T. 0.005 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

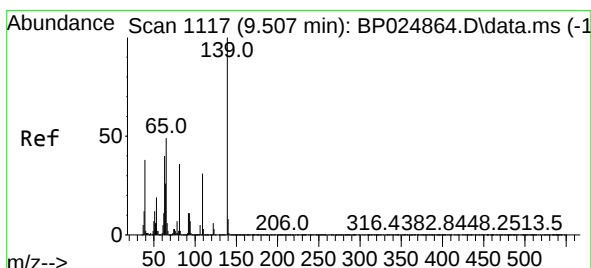
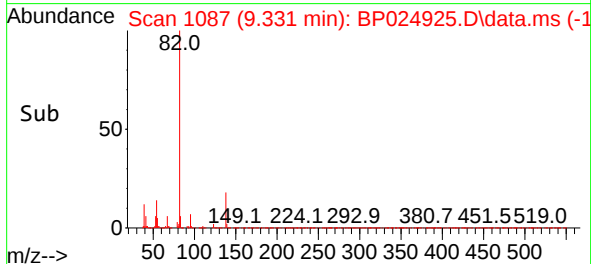
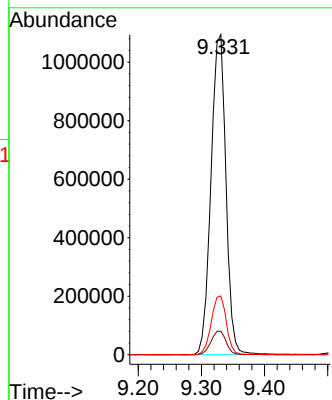
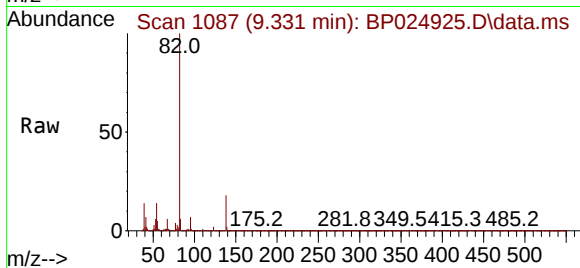
Tgt Ion: 82 Resp: 1794124

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 18.3 14.6 21.8



#26

2-Nitrophenol

Concen: 55.219 ng

RT: 9.507 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

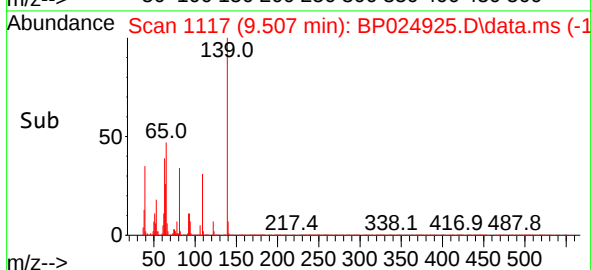
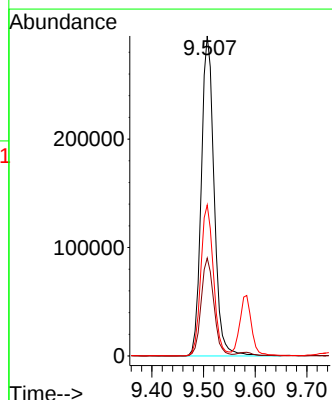
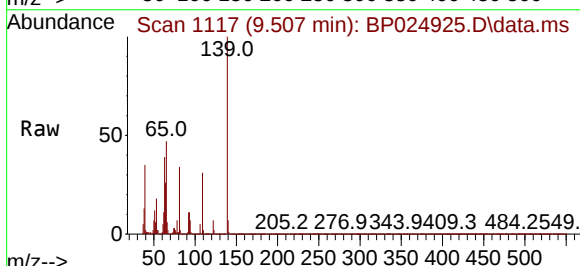
Tgt Ion: 139 Resp: 510305

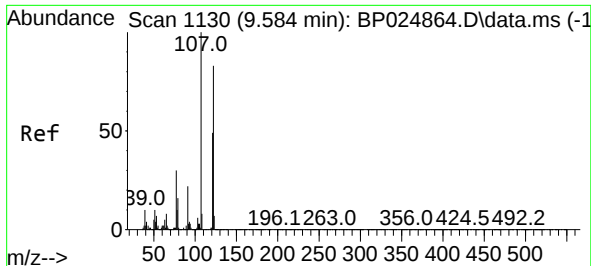
Ion Ratio Lower Upper

139 100

109 30.6 24.6 37.0

65 47.2 39.5 59.3

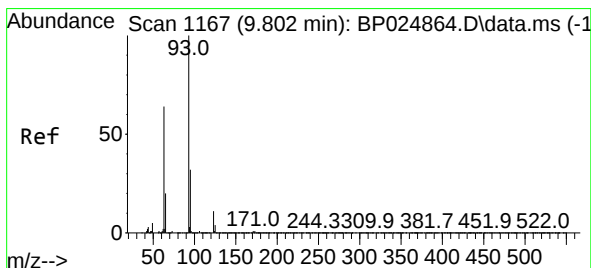
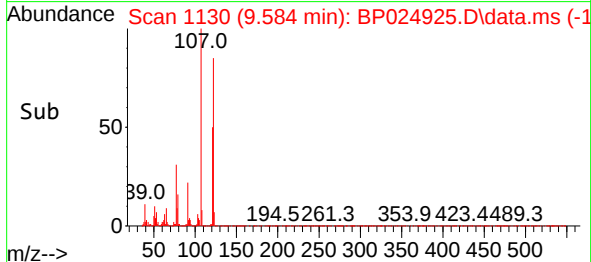
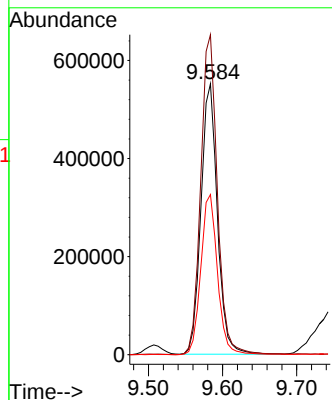
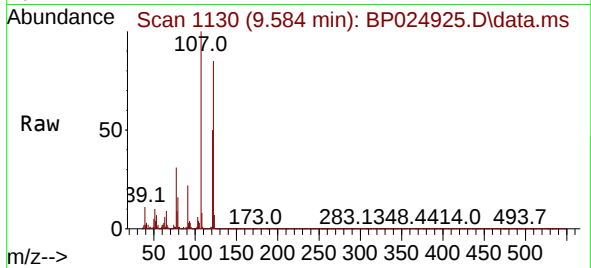




#27
2,4-Dimethylphenol
Concen: 53.730 ng
RT: 9.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

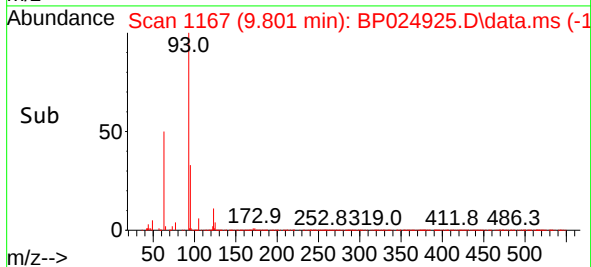
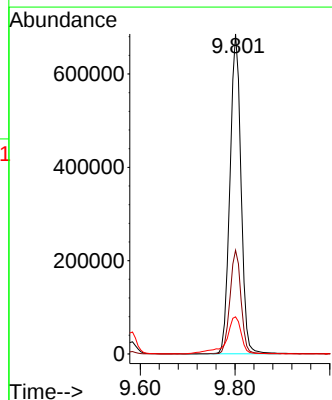
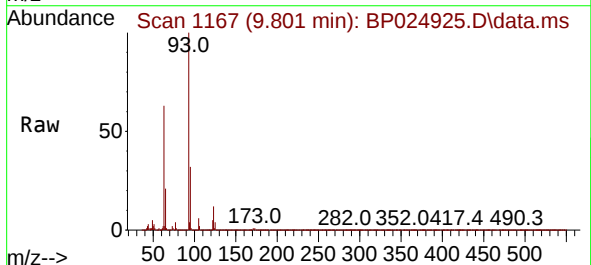
Instrument :
BNA_P
ClientSampleId :
PB168373BS

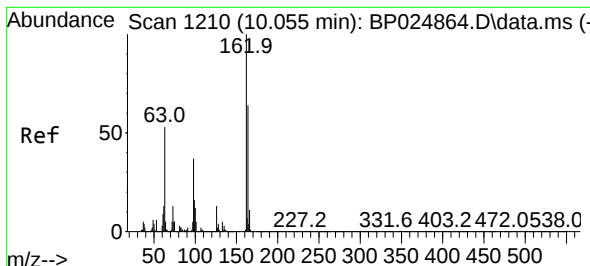
Tgt Ion:122 Resp: 849802
Ion Ratio Lower Upper
122 100
107 118.2 96.2 144.4
121 59.1 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.959 ng
RT: 9.801 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 93 Resp: 1110718
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.6 9.2 13.8

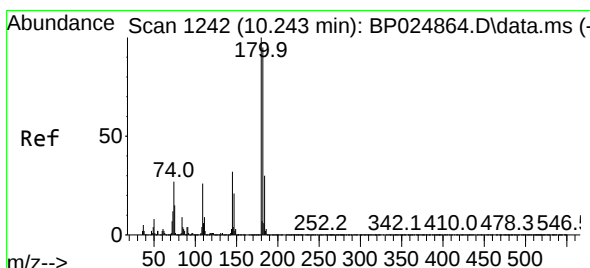
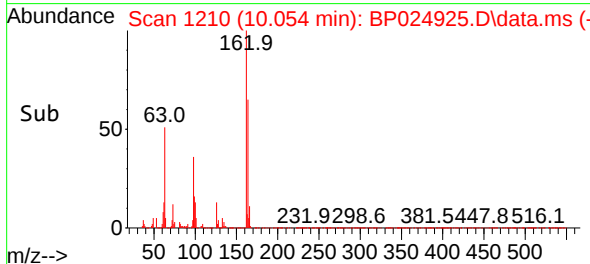
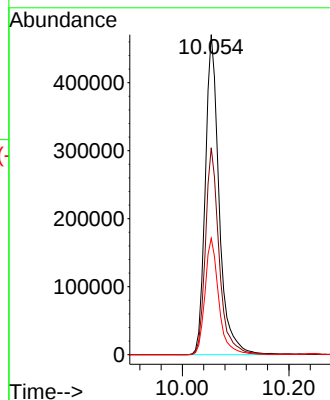
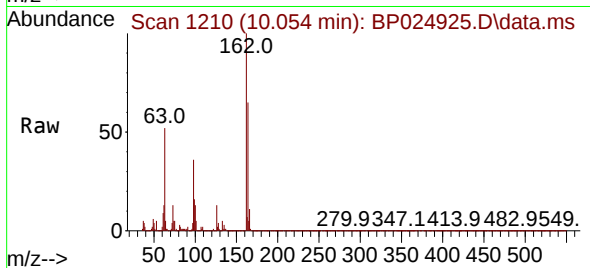




#29
2,4-Dichlorophenol
Concen: 55.821 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

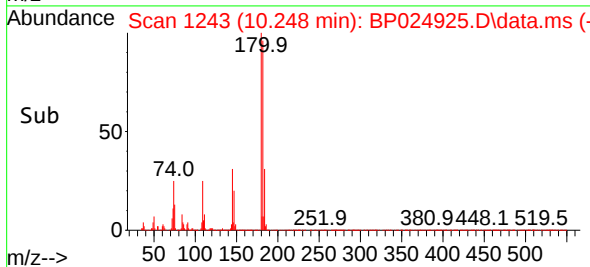
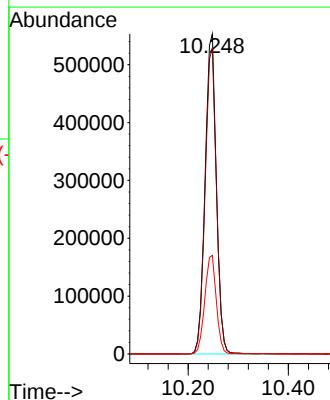
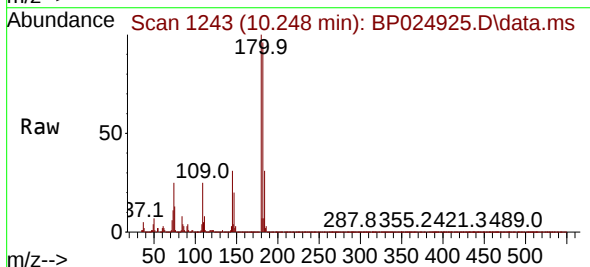
Instrument :
BNA_P
ClientSampleId :
PB168373BS

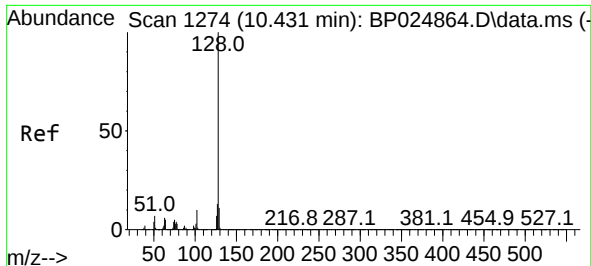
Tgt Ion:162 Resp: 847130
Ion Ratio Lower Upper
162 100
164 64.7 44.0 84.0
98 36.4 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 50.423 ng
RT: 10.248 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:180 Resp: 863072
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 30.8 25.7 38.5

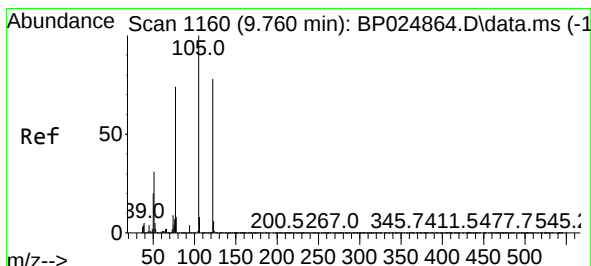
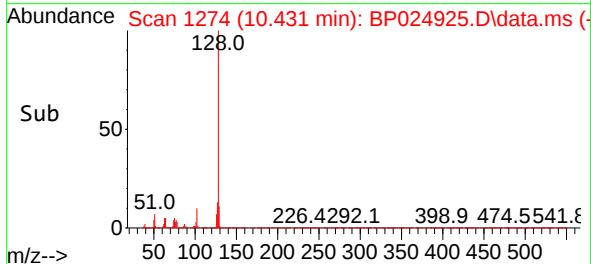
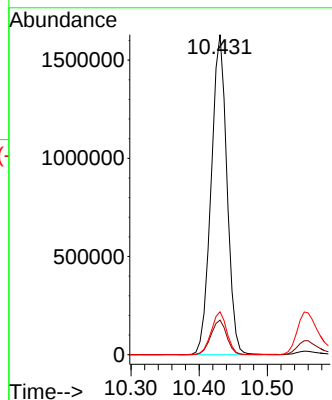
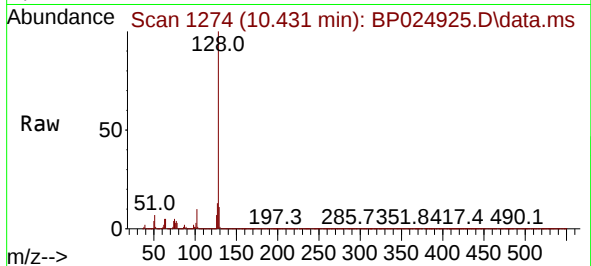




#31
Naphthalene
Concen: 49.948 ng
RT: 10.431 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

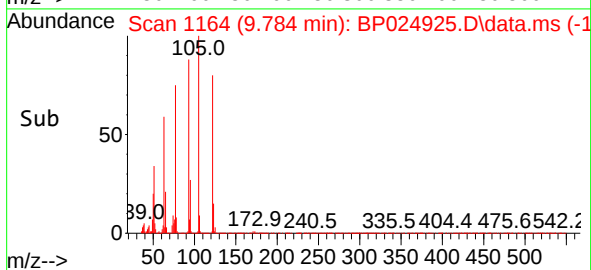
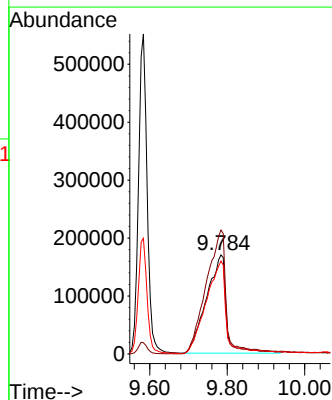
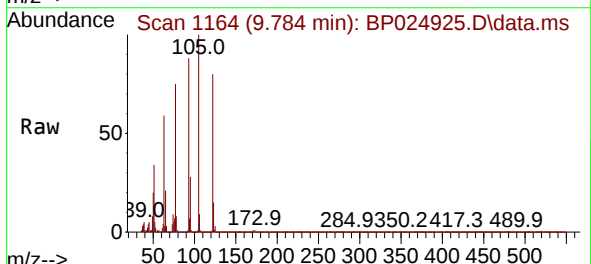
Instrument :
BNA_P
ClientSampleId :
PB168373BS

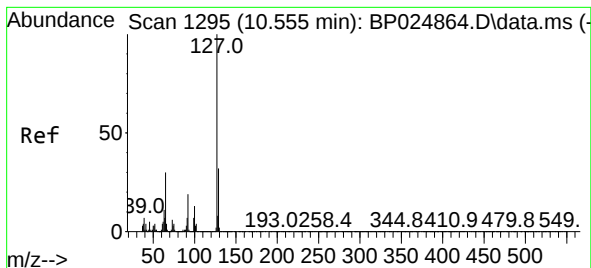
Tgt Ion:128 Resp: 2622359
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 56.727 ng
RT: 9.784 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:122 Resp: 606290
Ion Ratio Lower Upper
122 100
105 125.1 107.1 147.1
77 93.8 75.1 115.1

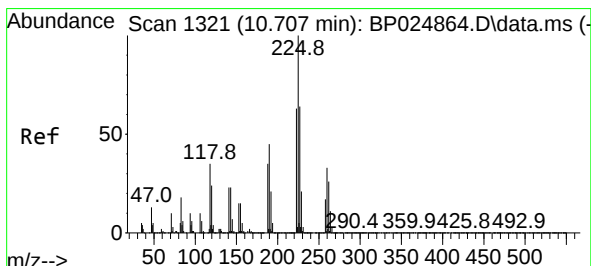
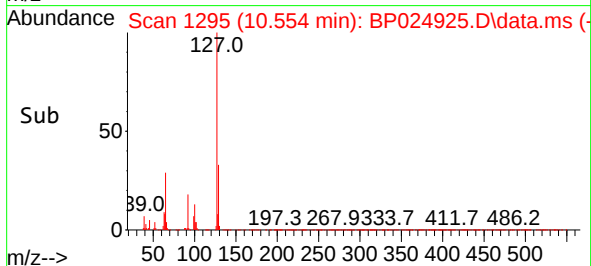
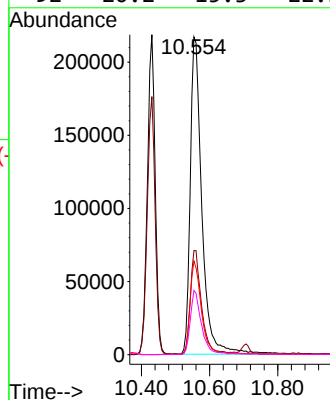
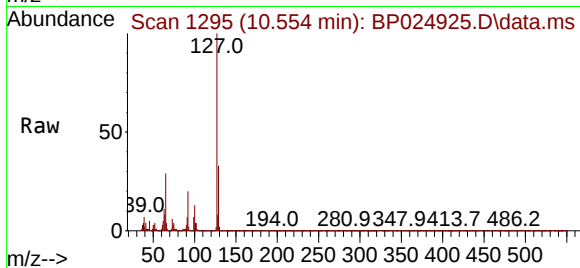




#33
4-Chloroaniline
Concen: 23.334 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

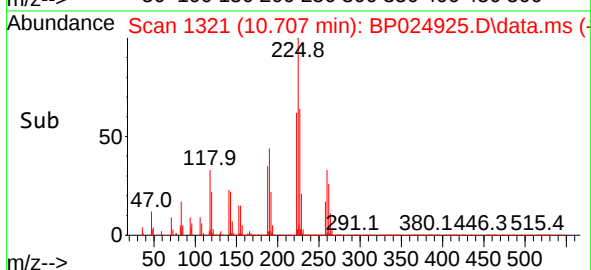
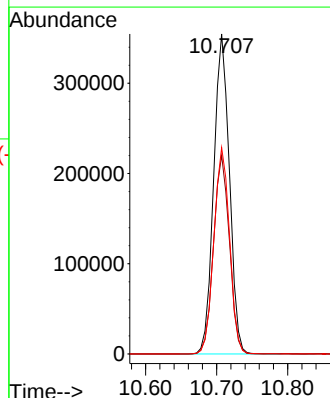
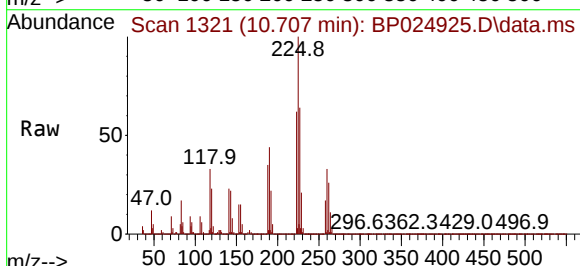
Instrument :
BNA_P
ClientSampleId :
PB168373BS

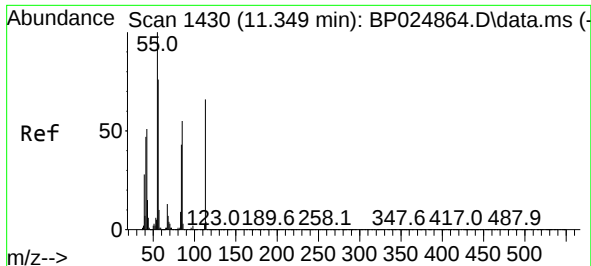
Tgt Ion:	127	Resp:	513253
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	29.4	23.9	35.9
92	20.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 52.591 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:	225	Resp:	542550
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.5	75.7
227	64.5	51.4	77.2

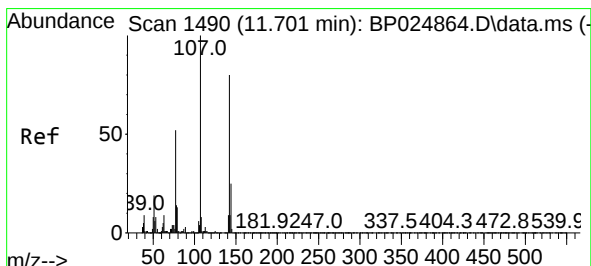
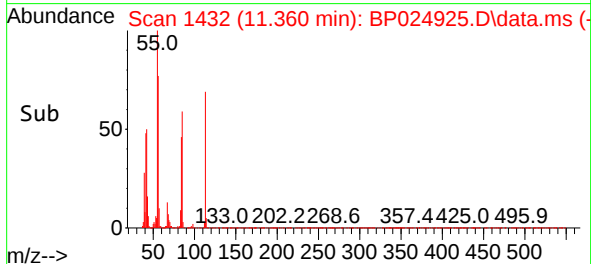
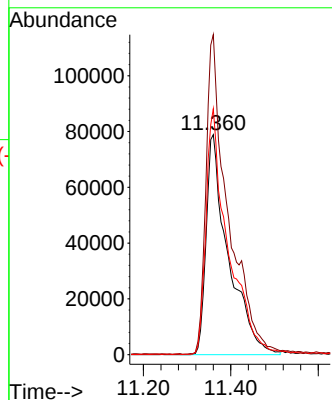
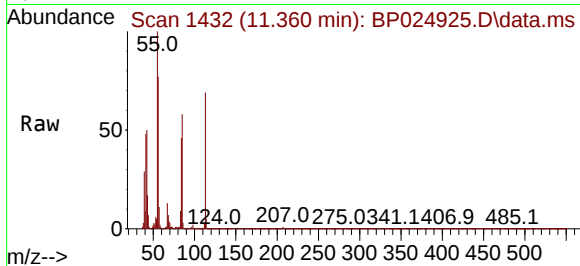




#35
Caprolactam
Concen: 49.654 ng
RT: 11.360 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

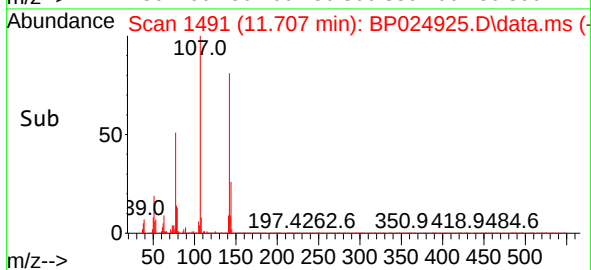
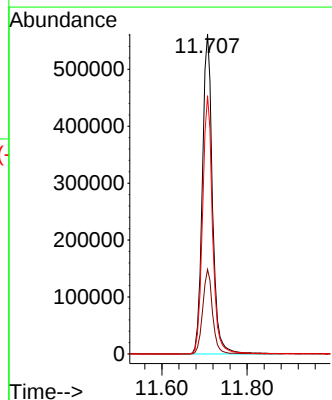
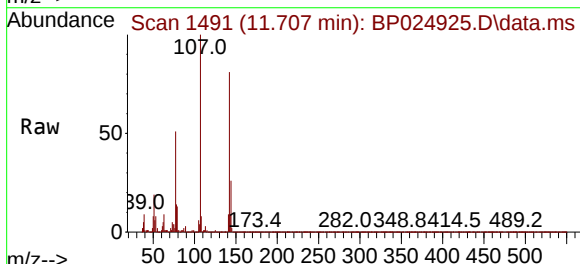
Instrument :
BNA_P
ClientSampleId :
PB168373BS

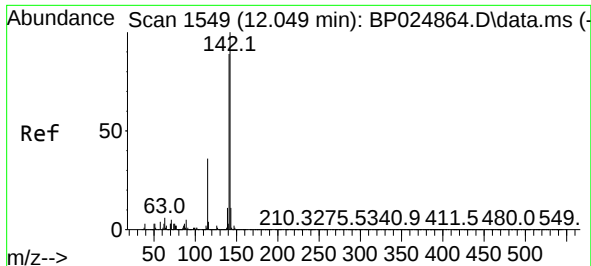
Tgt Ion:113 Resp: 277379
Ion Ratio Lower Upper
113 100
55 145.4 132.5 172.5
56 111.7 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 52.723 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:107 Resp: 922865
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 80.7 63.8 95.6

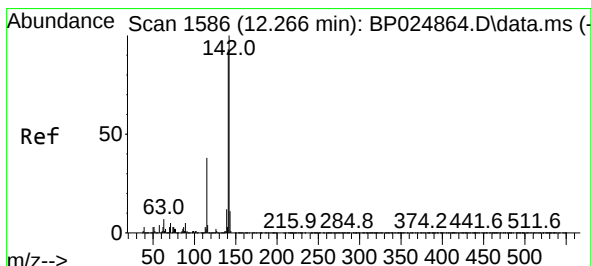
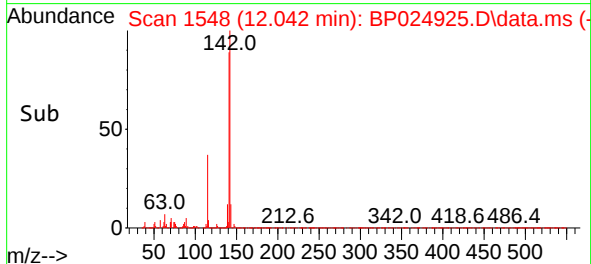
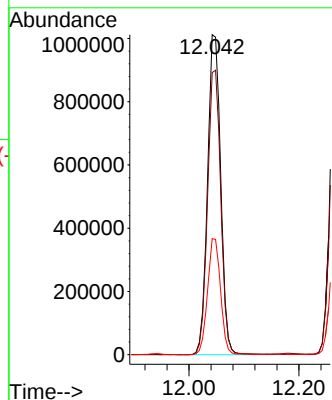
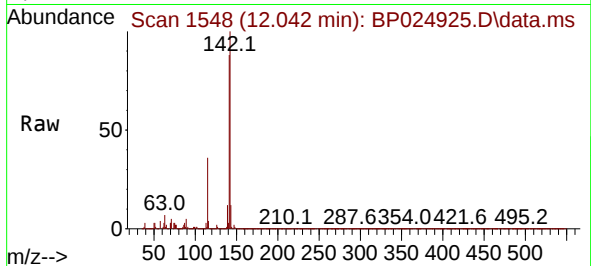




#37
2-Methylnaphthalene
Concen: 50.461 ng
RT: 12.042 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

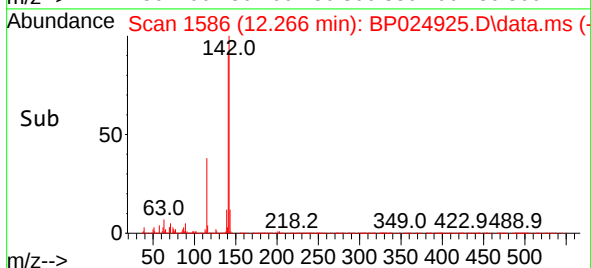
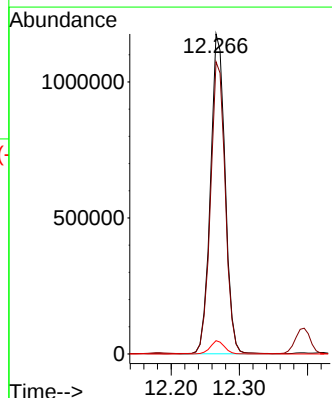
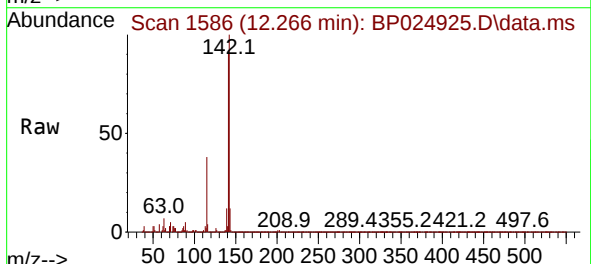
Instrument :
BNA_P
ClientSampleId :
PB168373BS

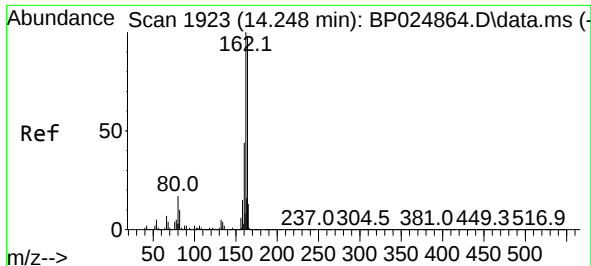
Tgt Ion:142 Resp: 1680487
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8
115 36.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 49.389 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:142 Resp: 1758486
Ion Ratio Lower Upper
142 100
141 91.3 74.7 112.1
116 4.2 3.4 5.0

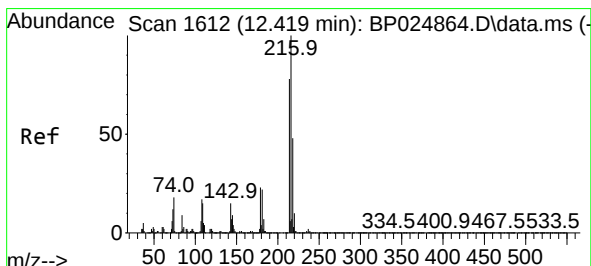
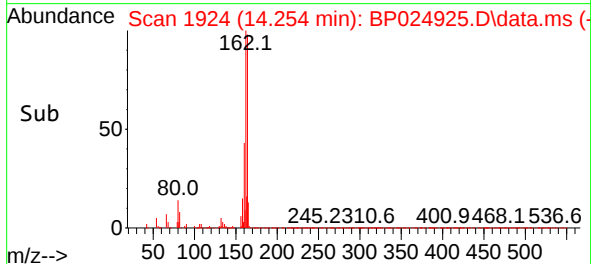
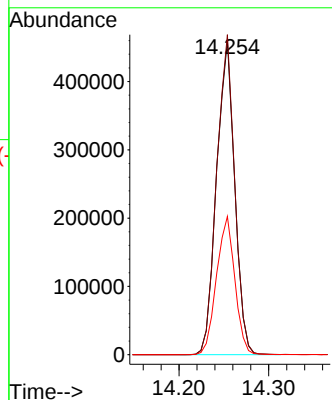
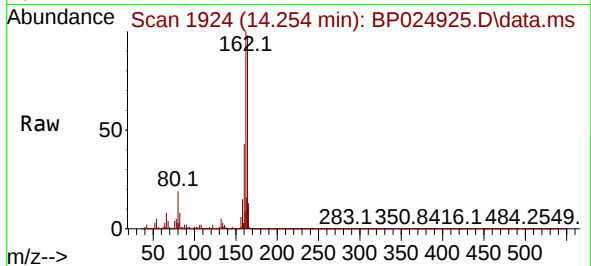




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

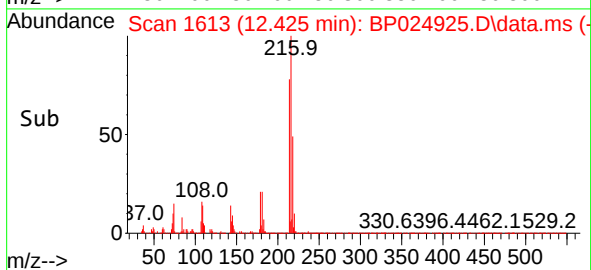
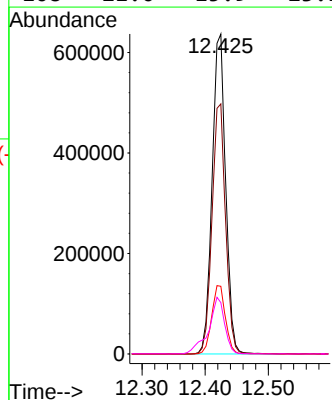
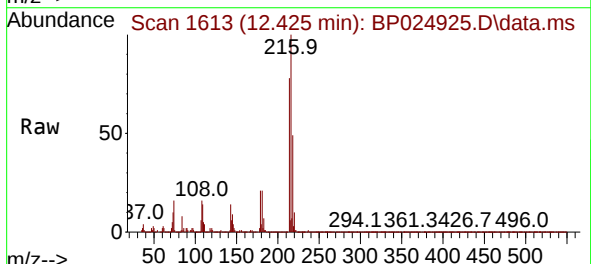
Instrument :
BNA_P
ClientSampleId :
PB168373BS

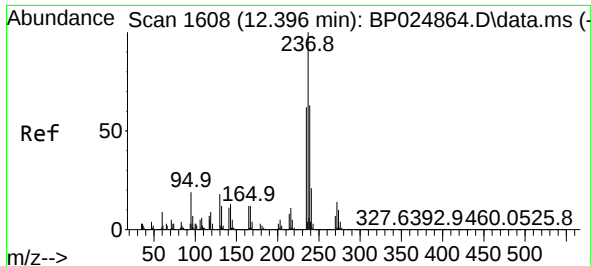
Tgt Ion:164 Resp: 644216
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 44.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.666 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:216 Resp: 944450
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.7 17.8 26.6
108 21.0 15.9 23.9

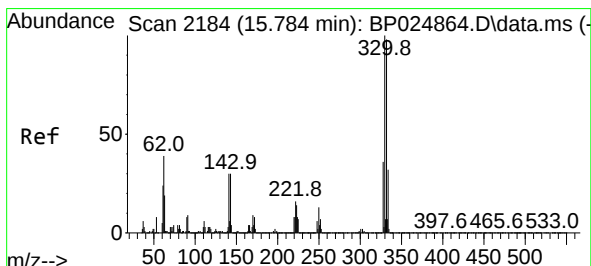
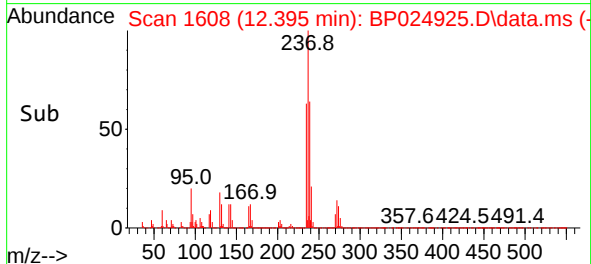
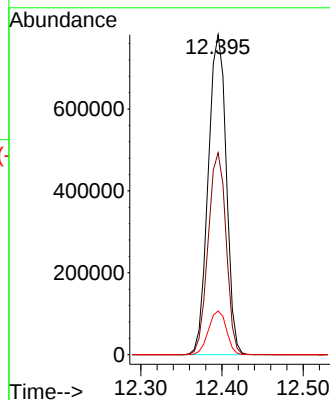
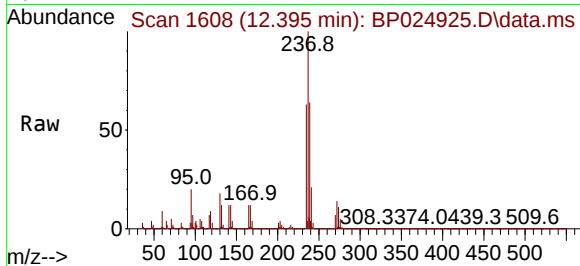




#41
Hexachlorocyclopentadiene
Concen: 108.165 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

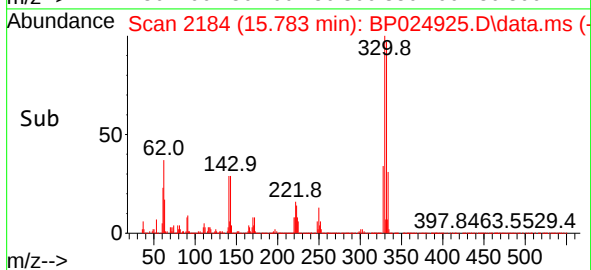
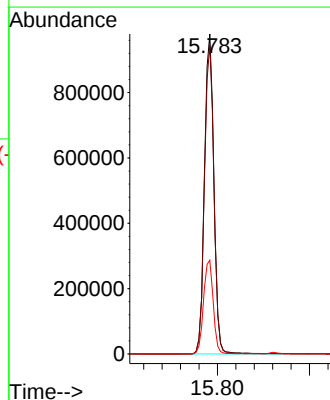
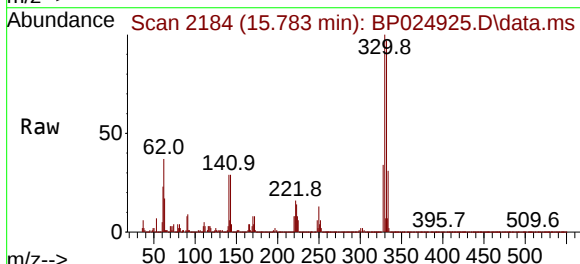
Instrument :
BNA_P
ClientSampleId :
PB168373BS

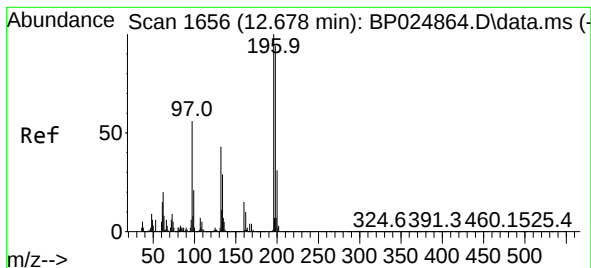
Tgt Ion:237 Resp: 1205994
Ion Ratio Lower Upper
237 100
235 63.1 41.9 81.9
272 13.7 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 157.300 ng
RT: 15.783 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:330 Resp: 1401017
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 30.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 55.543 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

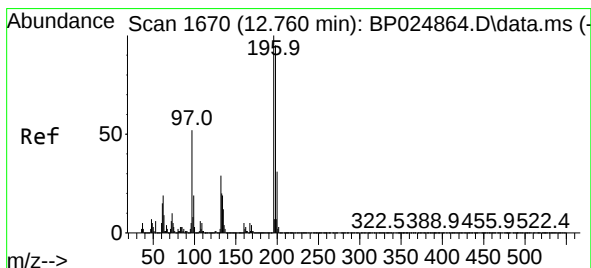
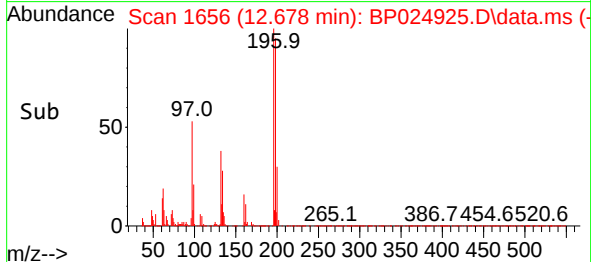
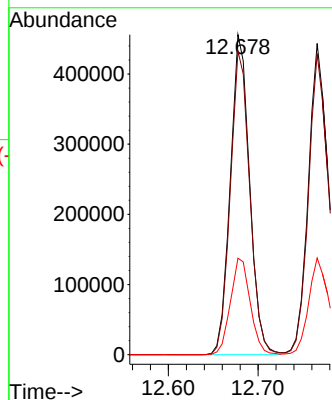
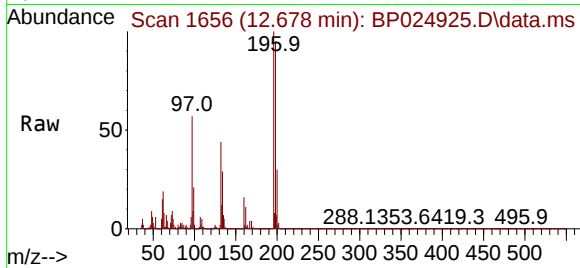
Tgt Ion:196 Resp: 681857

Ion Ratio Lower Upper

196 100

198 94.9 75.4 113.0

200 30.2 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 56.544 ng

RT: 12.766 min Scan# 1671

Delta R.T. 0.005 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Tgt Ion:196 Resp: 743393

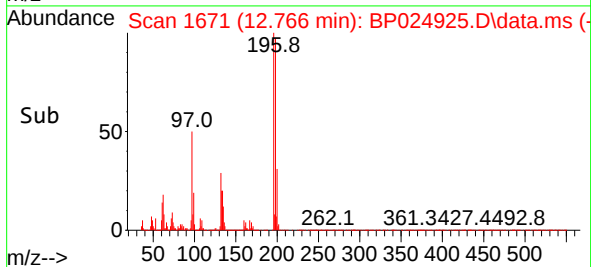
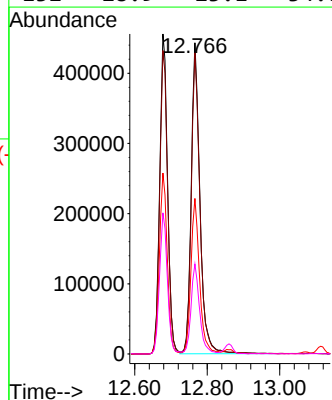
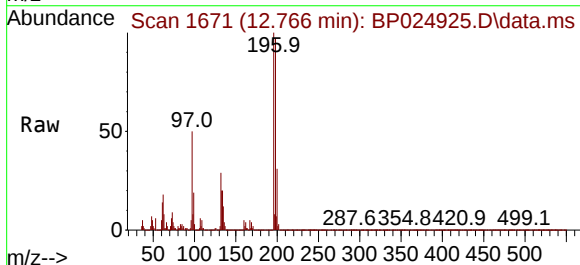
Ion Ratio Lower Upper

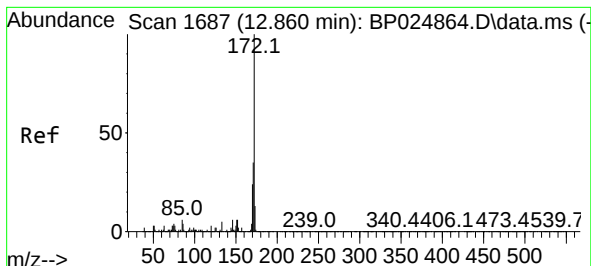
196 100

198 96.8 76.0 114.0

97 50.0 41.5 62.3

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 88.287 ng

RT: 12.860 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

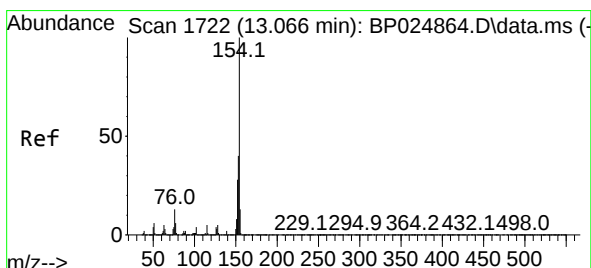
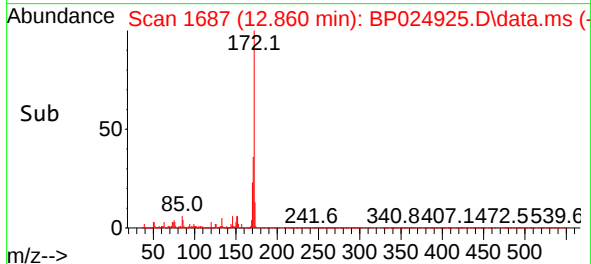
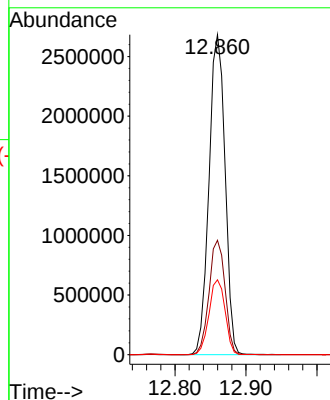
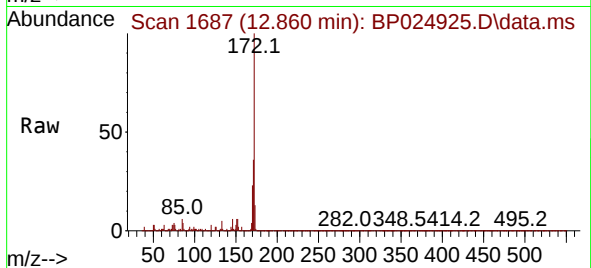
Tgt Ion:172 Resp: 4222019

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.918 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.005 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

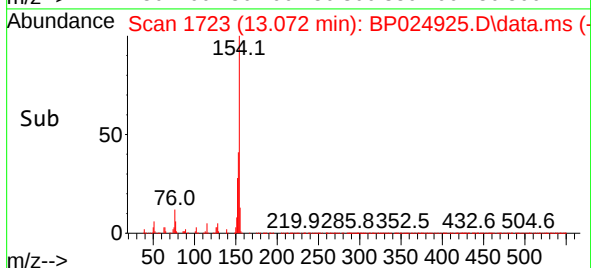
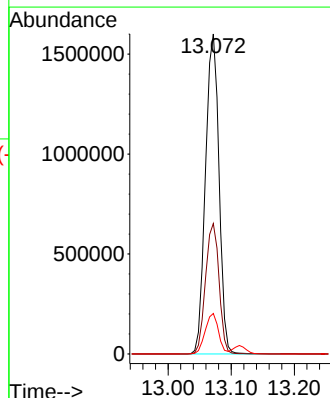
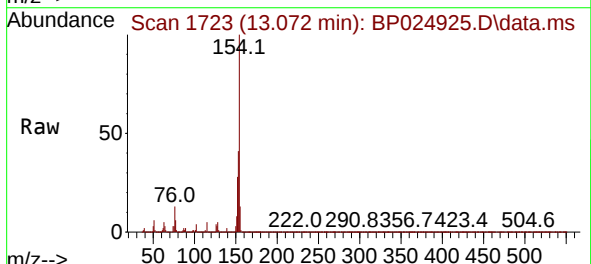
Tgt Ion:154 Resp: 2383810

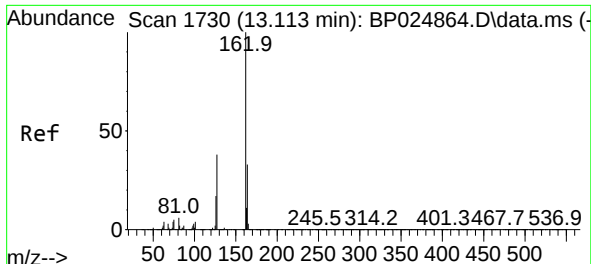
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 12.6 0.0 33.0

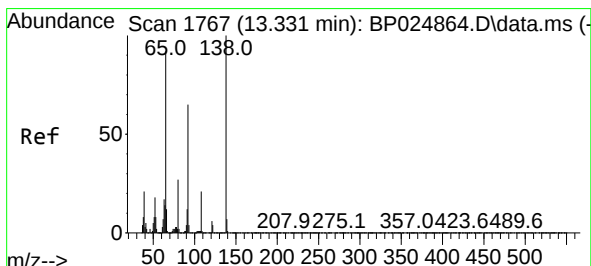
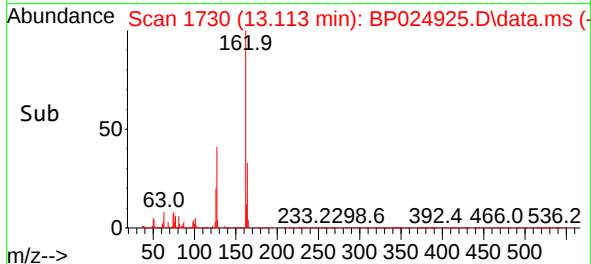
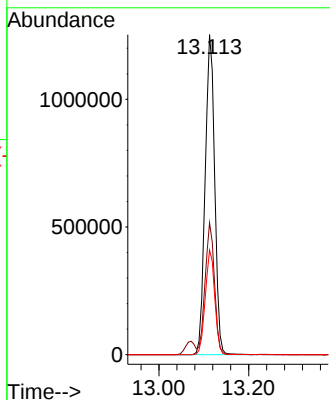
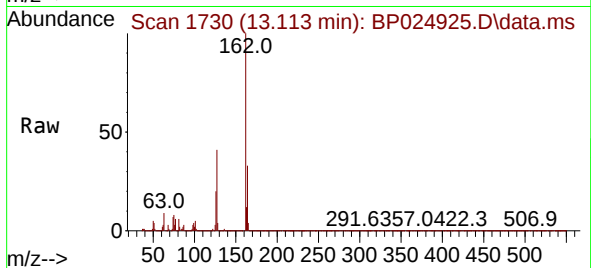




#47
2-Chloronaphthalene
Concen: 51.278 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

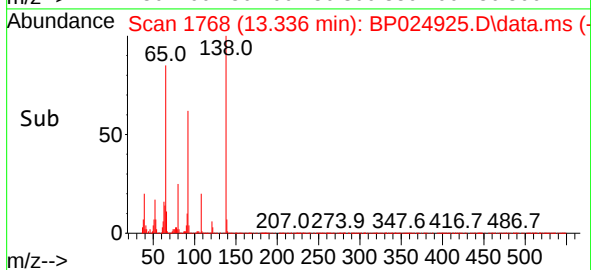
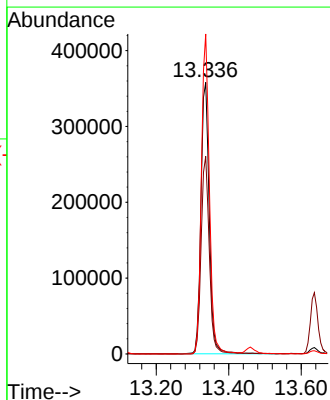
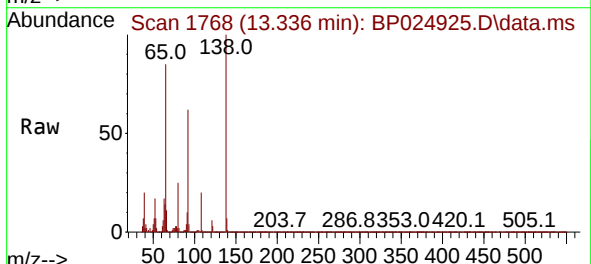
Instrument :
BNA_P
ClientSampleId :
PB168373BS

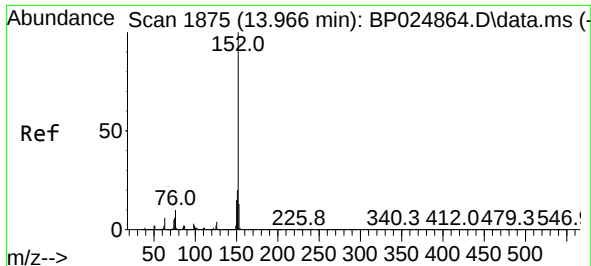
Tgt Ion:162 Resp: 1845122
Ion Ratio Lower Upper
162 100
127 41.2 32.5 48.7
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 51.665 ng
RT: 13.336 min Scan# 1768
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 65 Resp: 571529
Ion Ratio Lower Upper
65 100
92 72.8 56.8 85.2
138 117.8 86.9 130.3

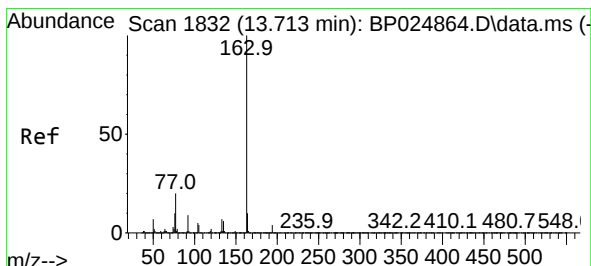
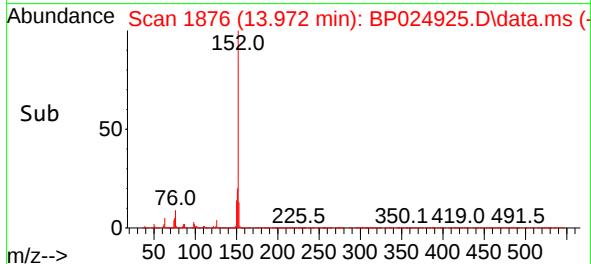
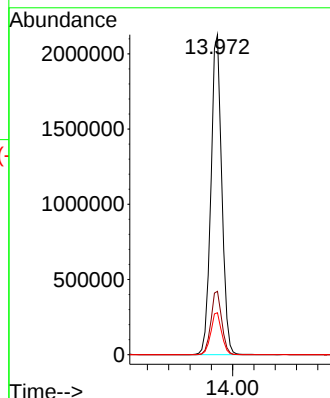
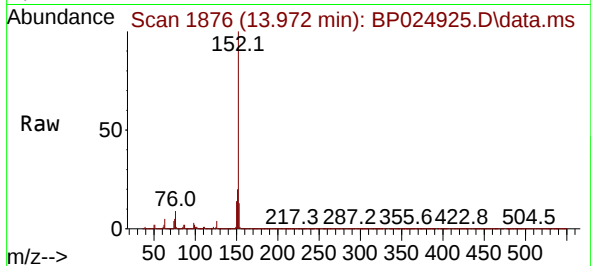




#49
Acenaphthylene
Concen: 50.148 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

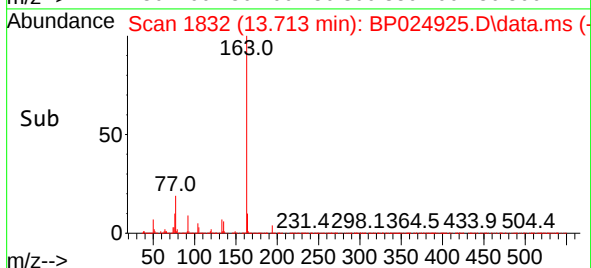
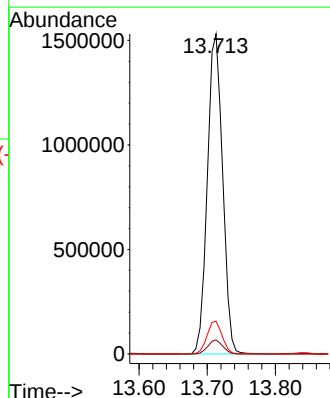
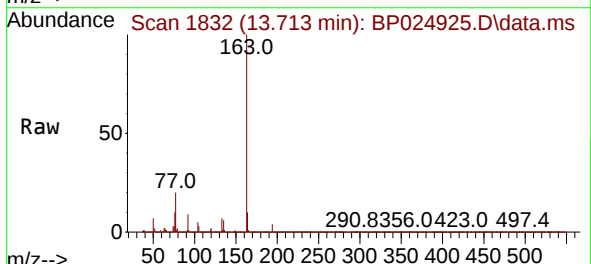
Instrument :
BNA_P
ClientSampleId :
PB168373BS

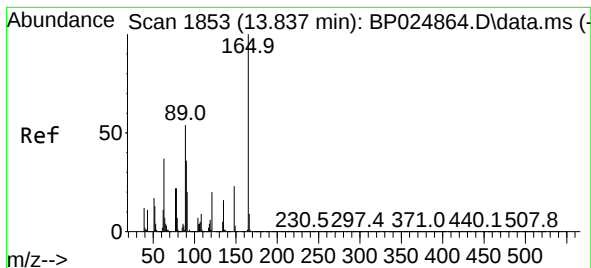
Tgt Ion:152 Resp: 3008682
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 50.068 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:163 Resp: 2379375
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.2 8.0 12.0

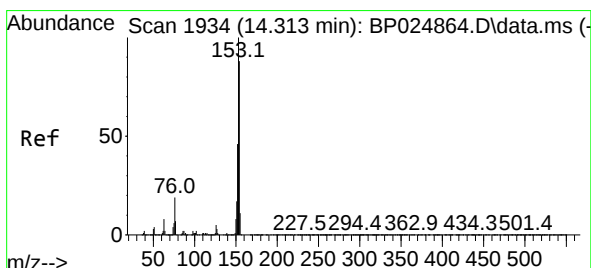
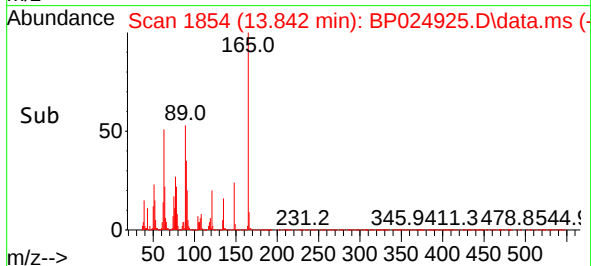
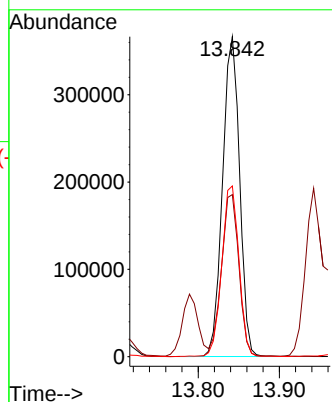
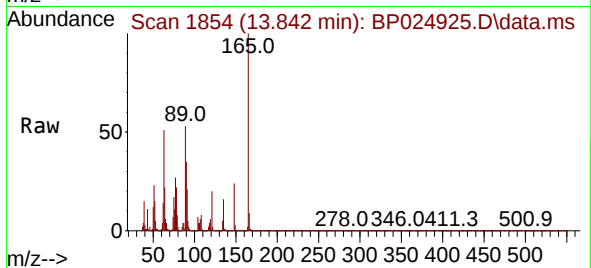




#51
2,6-Dinitrotoluene
Concen: 52.292 ng
RT: 13.842 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

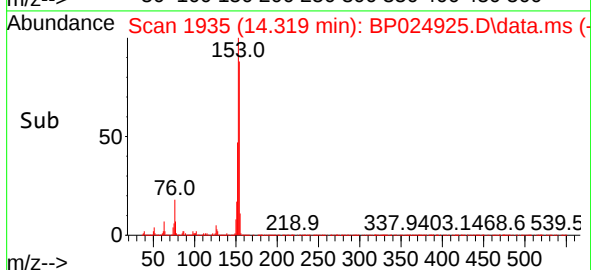
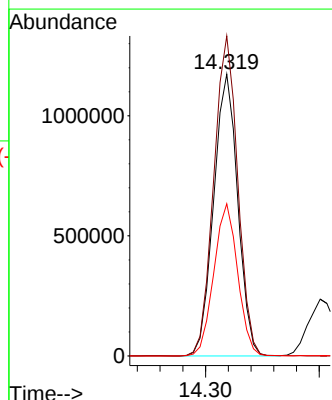
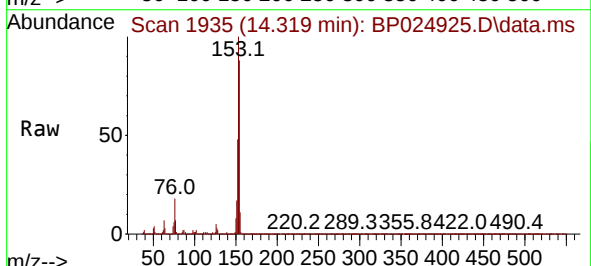
Instrument :
BNA_P
ClientSampleId :
PB168373BS

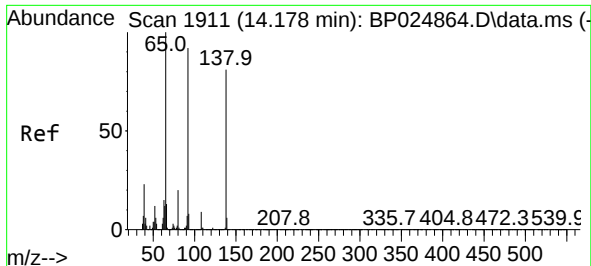
Tgt Ion:165 Resp: 535727
Ion Ratio Lower Upper
165 100
63 50.7 41.8 62.8
89 53.4 43.1 64.7



#52
Acenaphthene
Concen: 50.231 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:154 Resp: 1726907
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 54.0 42.1 63.1

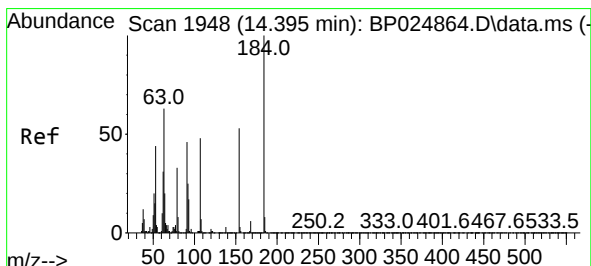
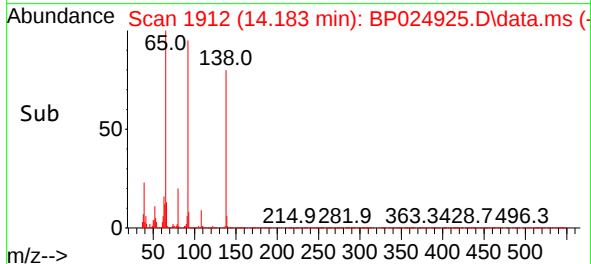
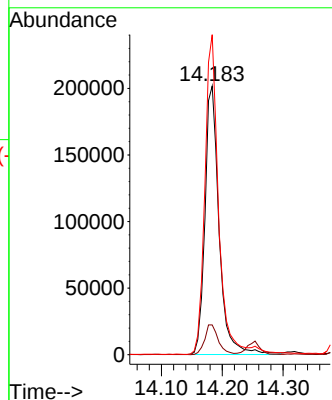
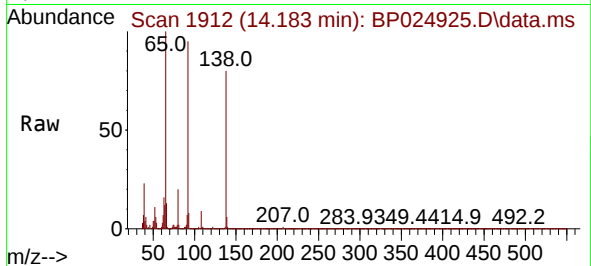




#53
3-Nitroaniline
Concen: 30.623 ng
RT: 14.183 min Scan# 1911
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

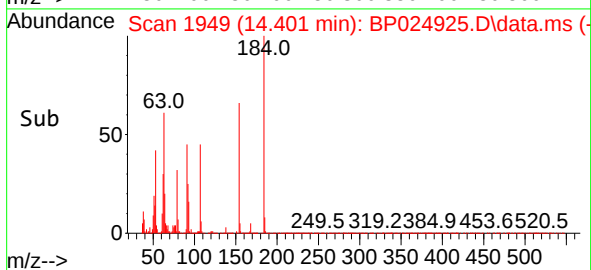
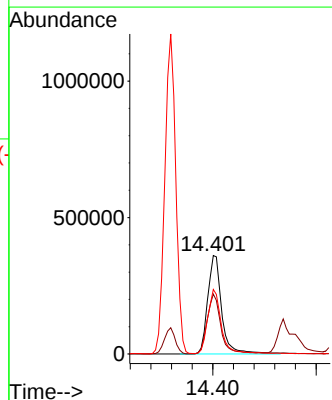
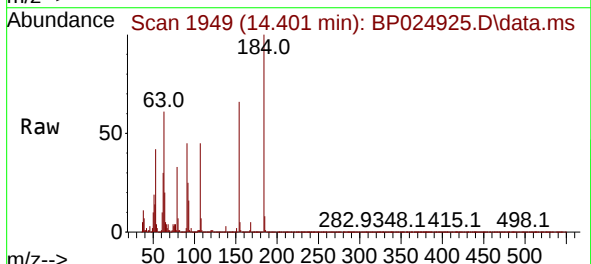
Instrument :
BNA_P
ClientSampleId :
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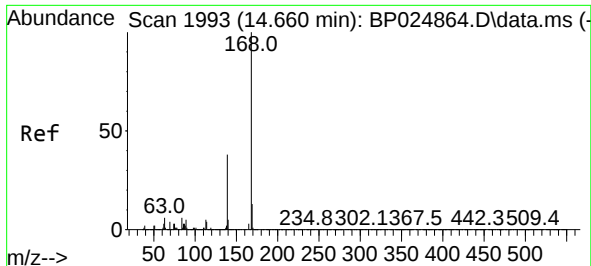
Tgt Ion:138 Resp: 325574
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 119.1 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 100.234 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:184 Resp: 678754
Ion Ratio Lower Upper
184 100
63 60.8 51.0 76.4
154 65.6 51.7 77.5

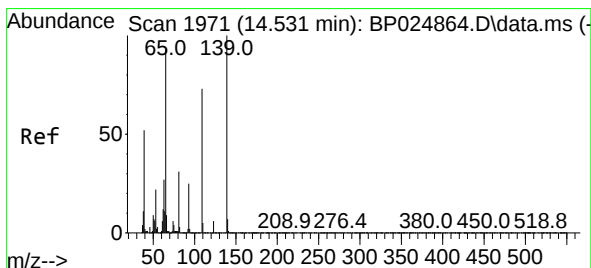
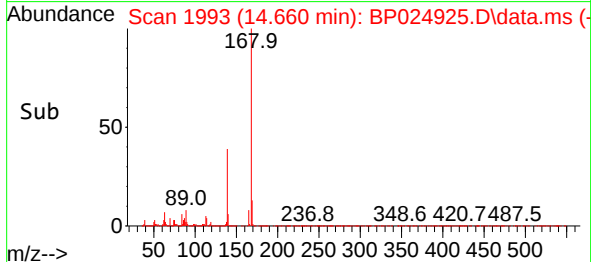
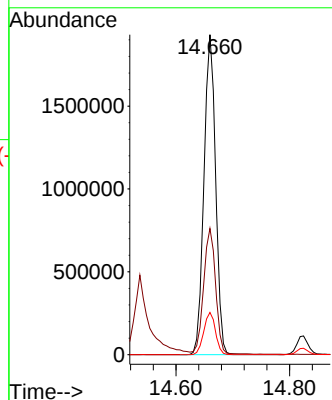
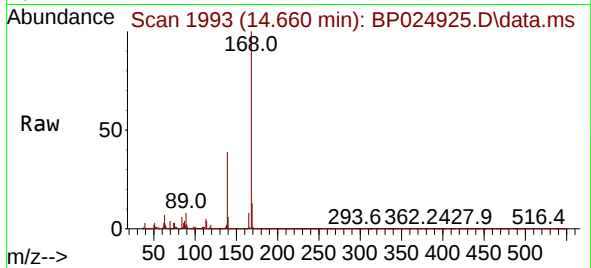




#55
Dibenzofuran
Concen: 49.730 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

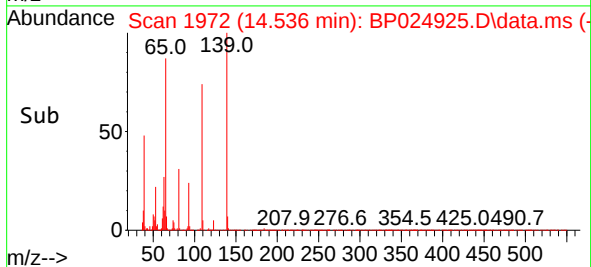
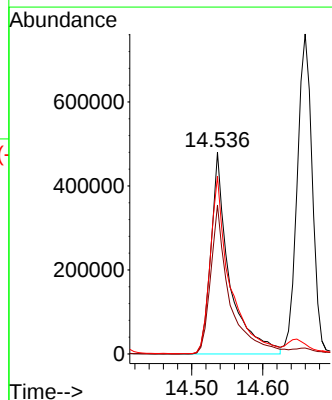
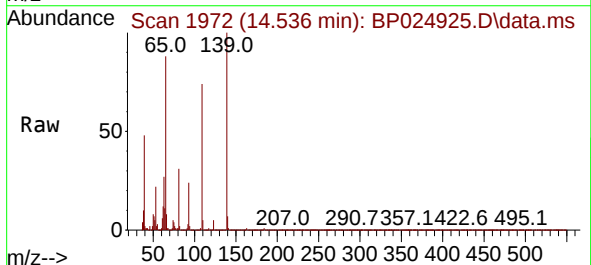
Instrument :
BNA_P
ClientSampleId :
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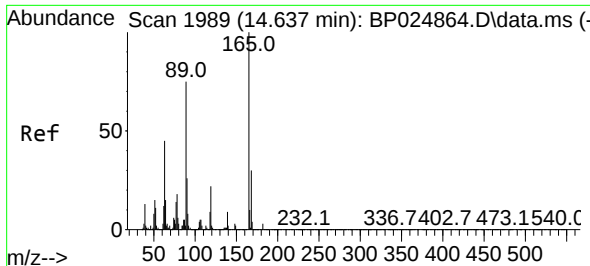
Tgt Ion:168 Resp: 2744391
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 95.185 ng
RT: 14.536 min Scan# 1972
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:139 Resp: 866647
Ion Ratio Lower Upper
139 100
109 73.8 53.1 93.1
65 88.1 73.0 113.0

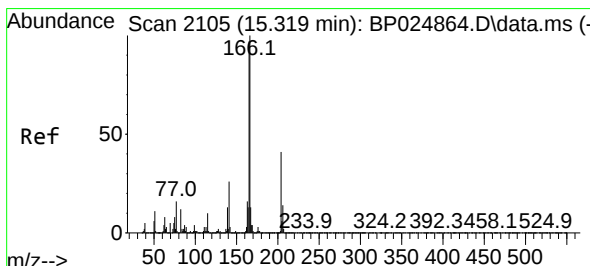
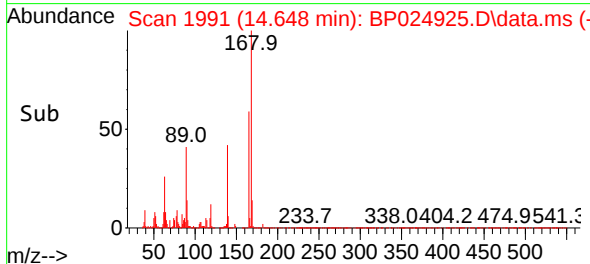
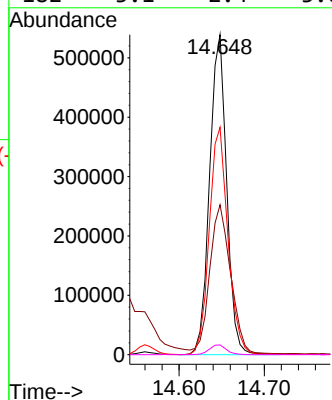
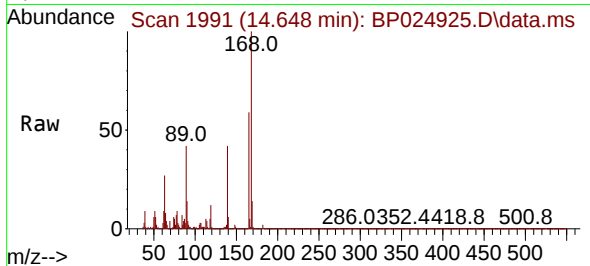




#57
2,4-Dinitrotoluene
Concen: 52.342 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

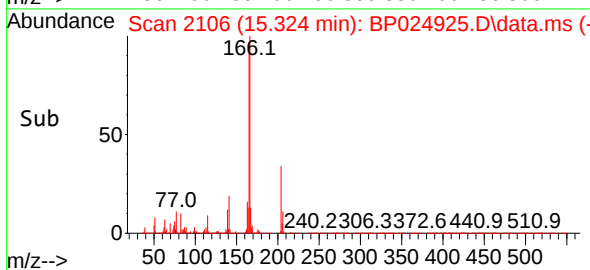
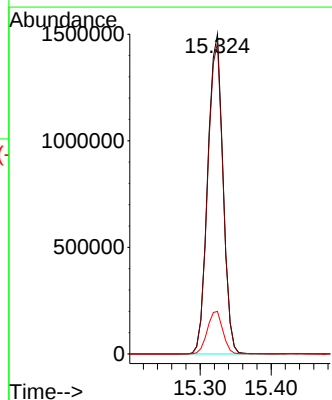
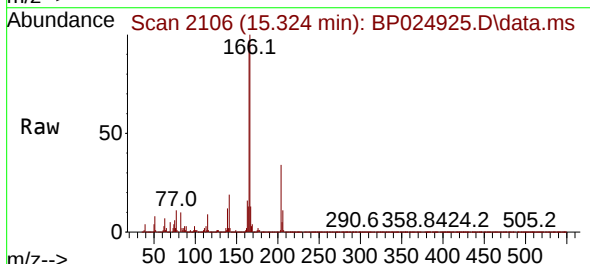
Instrument :
BNA_P
ClientSampleId :
PB168373BS

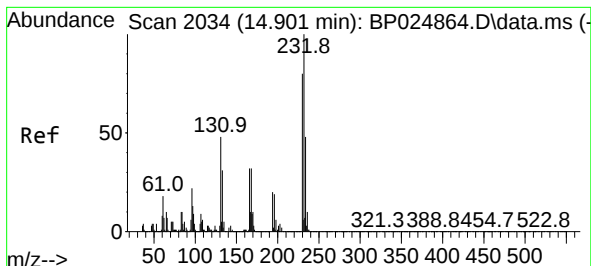
Tgt Ion:165 Resp: 750106
Ion Ratio Lower Upper
165 100
63 46.8 37.0 55.6
89 71.0 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 50.197 ng
RT: 15.324 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:166 Resp: 2237785
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 13.3 10.6 16.0

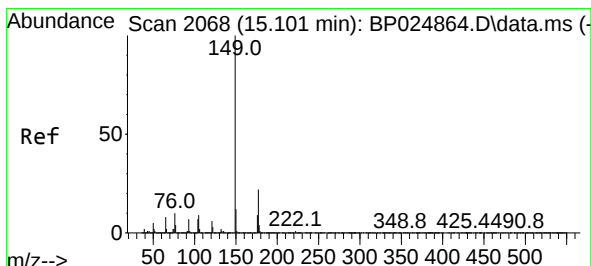
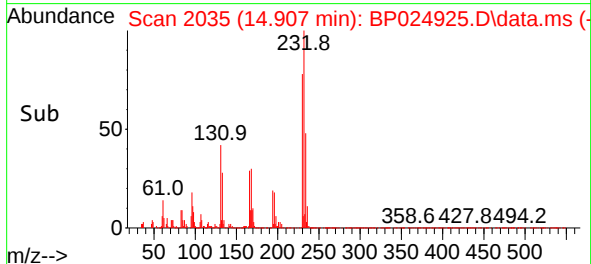
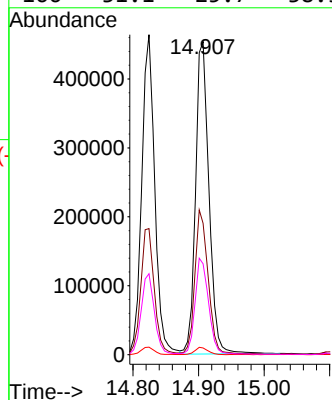
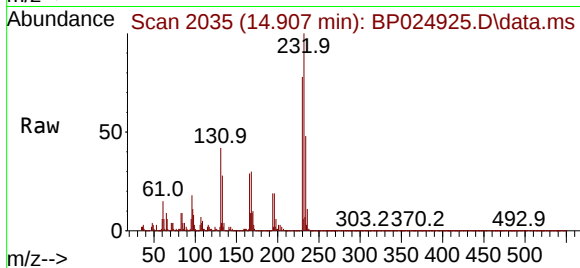




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.006 ng
RT: 14.907 min Scan# 2035
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

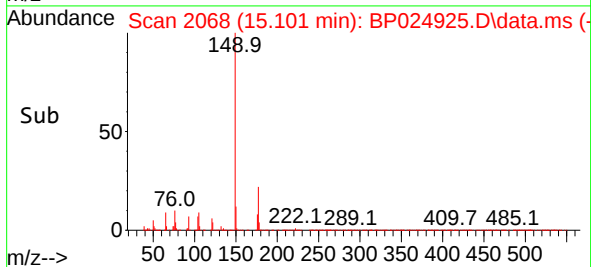
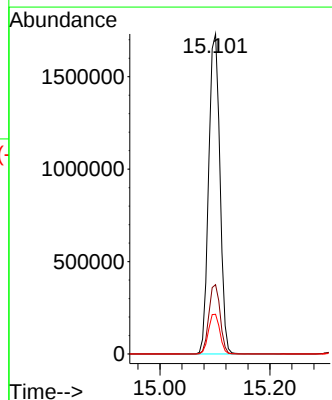
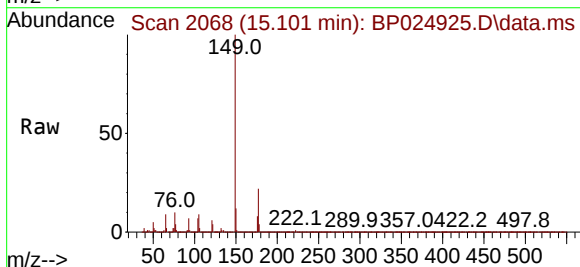
Instrument :
BNA_P
ClientSampleId :
PB168373BS

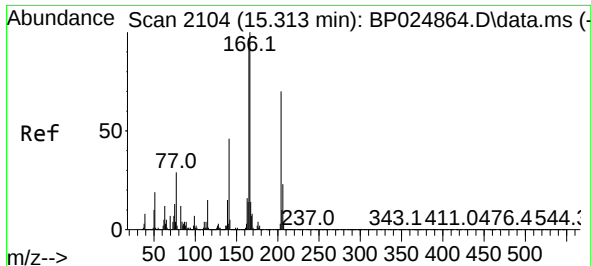
Tgt Ion:232 Resp: 646136
Ion Ratio Lower Upper
232 100
131 45.2 38.2 57.2
130 2.2 2.1 3.1
166 31.1 25.7 38.5



#60
Diethylphthalate
Concen: 51.737 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:149 Resp: 2450351
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.4 9.8 14.6

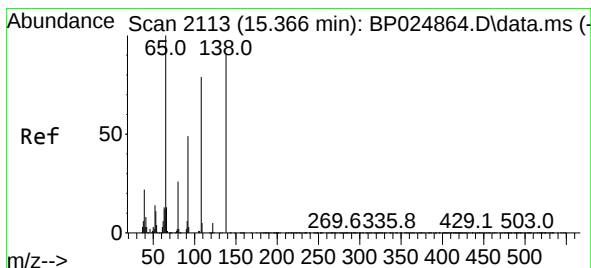
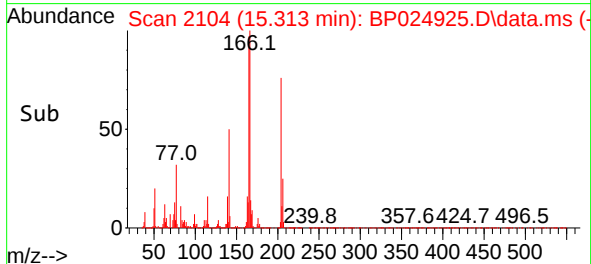
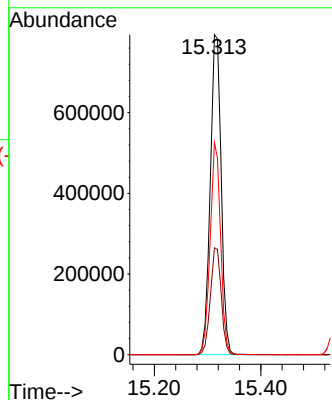
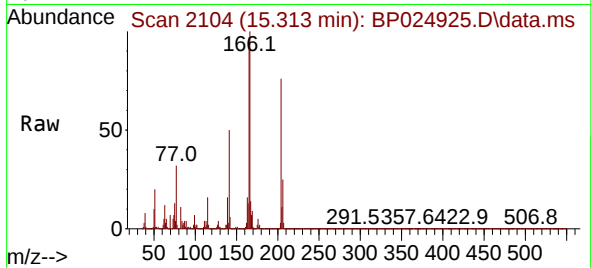




#61
4-Chlorophenyl-phenylether
Concen: 51.627 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

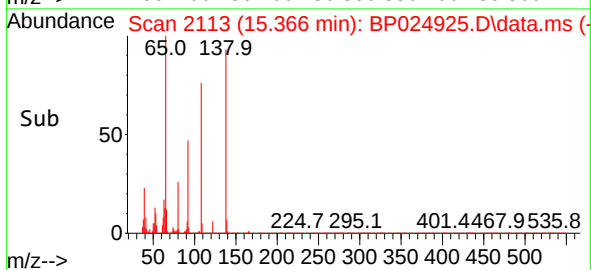
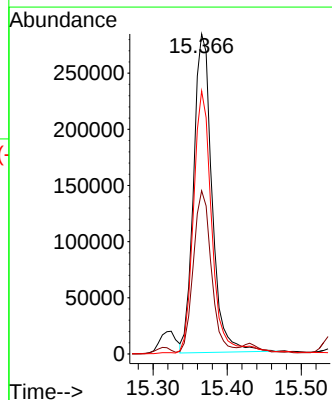
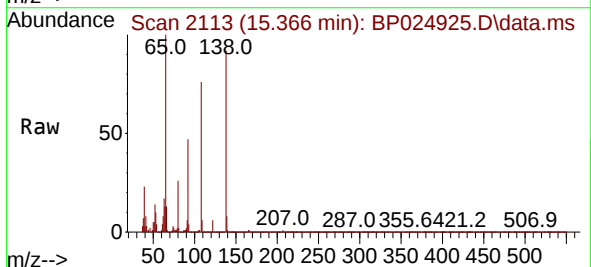
Instrument :
BNA_P
ClientSampleId :
PB168373BS

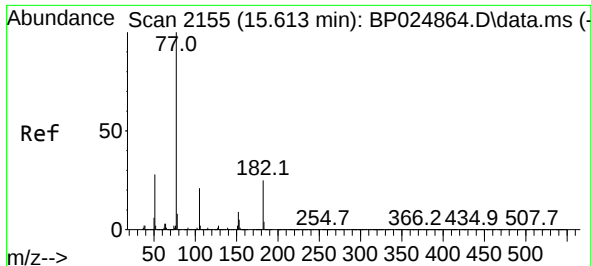
Tgt Ion:204 Resp: 1125333
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 66.2 52.4 78.6



#62
4-Nitroaniline
Concen: 50.580 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:138 Resp: 487590
Ion Ratio Lower Upper
138 100
92 51.0 33.5 73.5
108 82.2 65.1 105.1



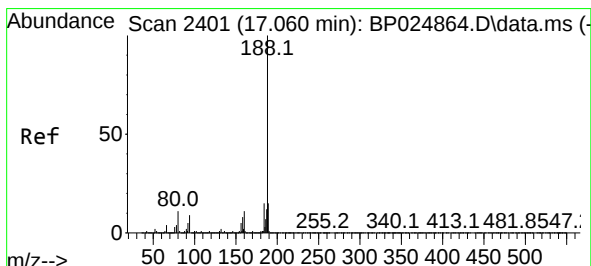
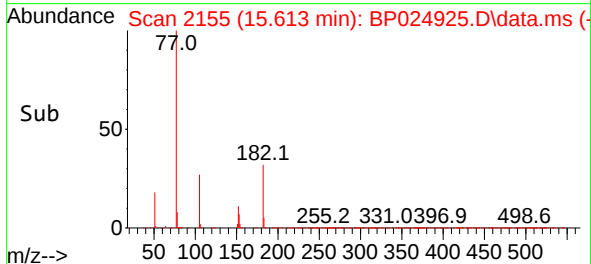
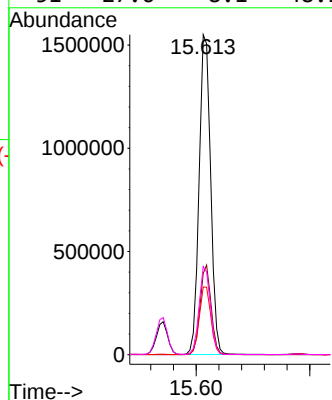
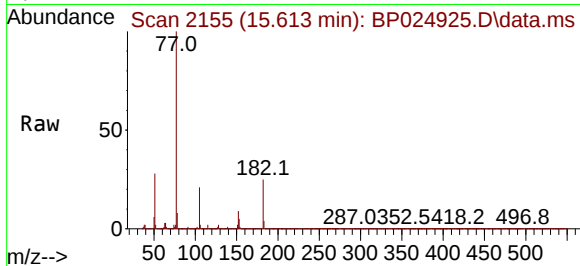


#63
Azobenzene
Concen: 50.374 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Instrument :
BNA_P
ClientSampleId :
PB168373BS

Tgt Ion: 77 Resp: 2188130

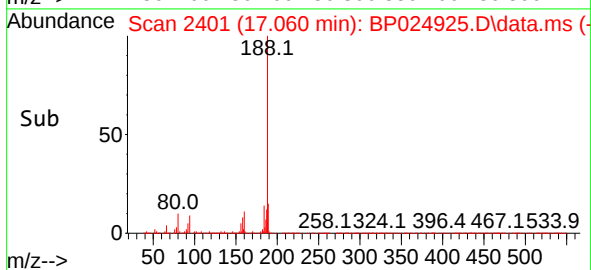
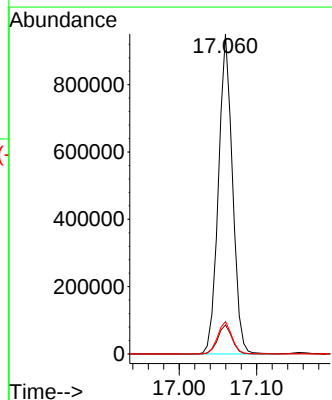
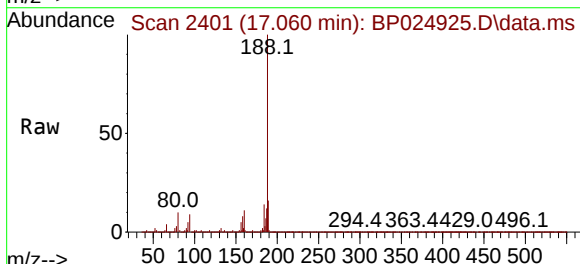
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.4	45.4
105	21.2	0.8	40.8
51	27.6	8.1	48.1

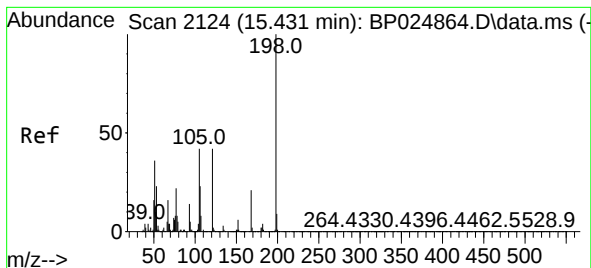


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion: 188 Resp: 1195820

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	10.1	8.5	12.7

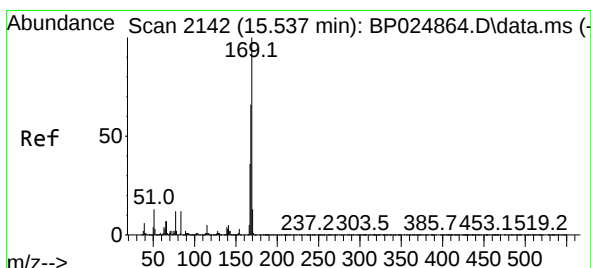
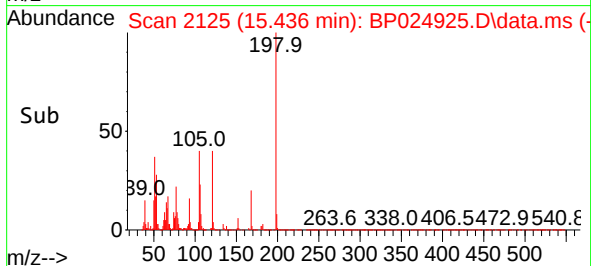
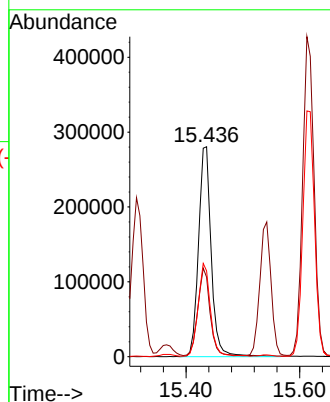
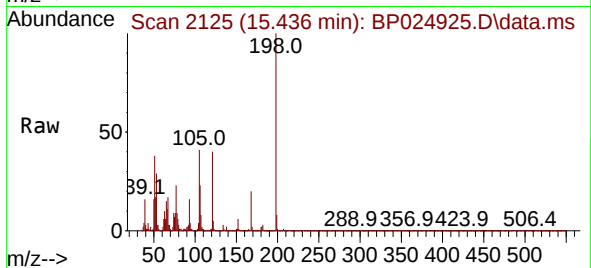




#65
4,6-Dinitro-2-methylphenol
Concen: 55.546 ng
RT: 15.436 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

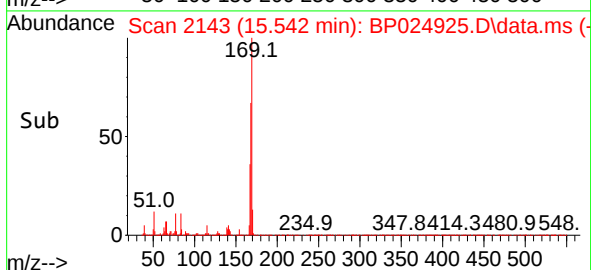
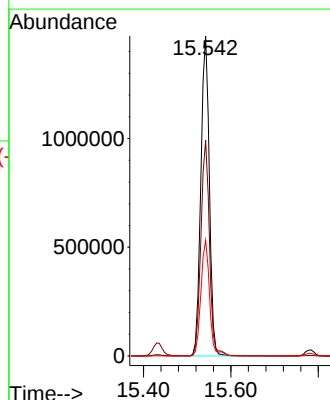
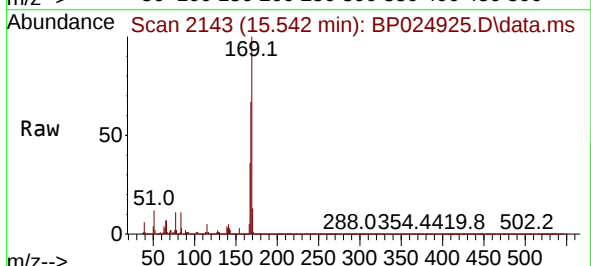
Instrument :
BNA_P
ClientSampleId :
PB168373BS

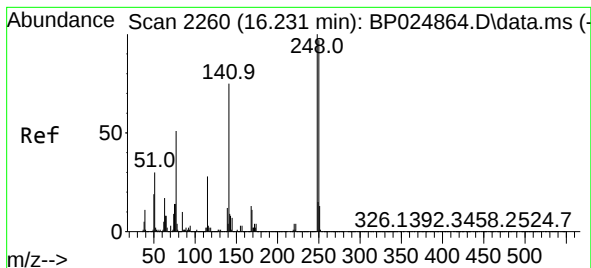
Tgt Ion:198 Resp: 436463
Ion Ratio Lower Upper
198 100
51 37.9 19.2 59.2
105 40.9 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 53.587 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:169 Resp: 1986191
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 36.2 28.6 43.0

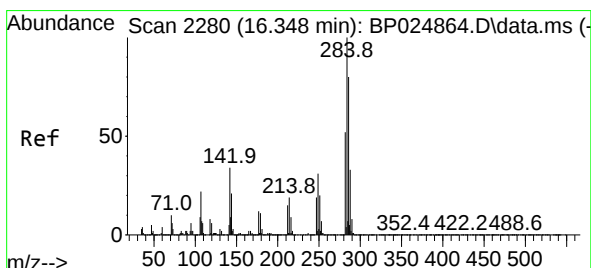
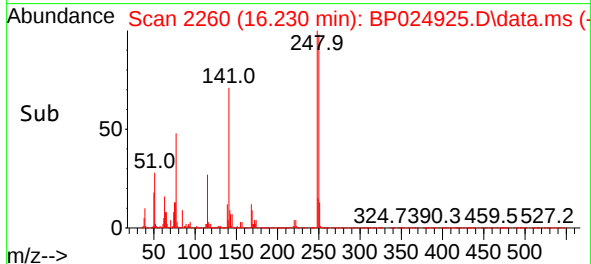
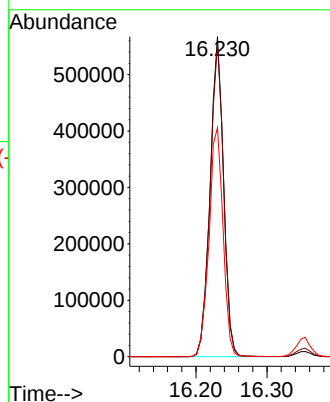
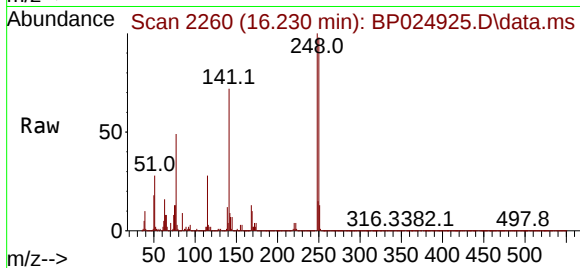




#67
4-Bromophenyl-phenylether
Concen: 55.419 ng
RT: 16.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

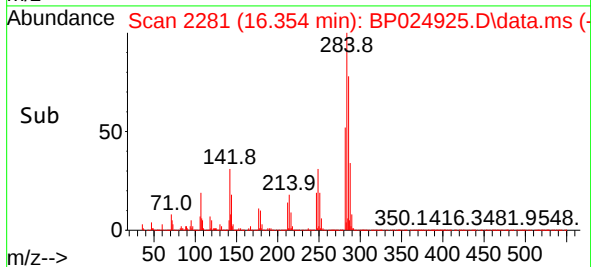
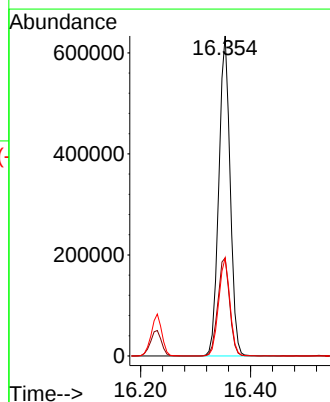
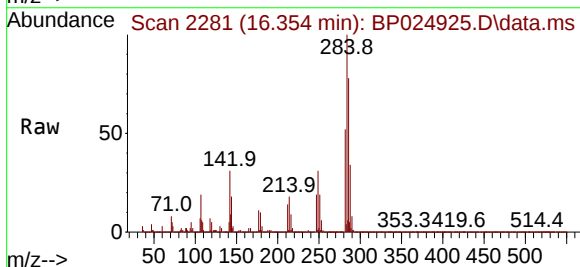
Instrument :
BNA_P
ClientSampleId :
PB168373BS

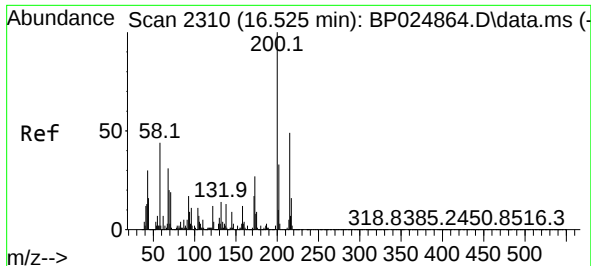
Tgt Ion:248 Resp: 747760
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.2
141 71.5 59.9 89.9



#68
Hexachlorobenzene
Concen: 55.305 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:284 Resp: 904637
Ion Ratio Lower Upper
284 100
142 30.6 27.0 40.6
249 30.6 25.0 37.6

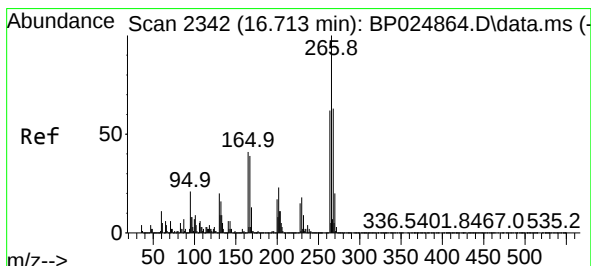
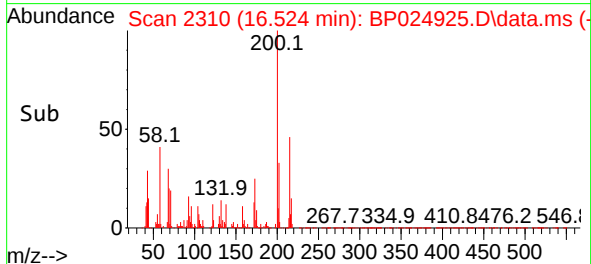
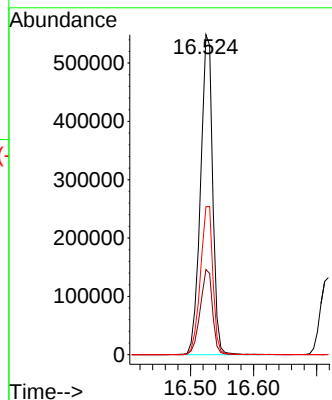
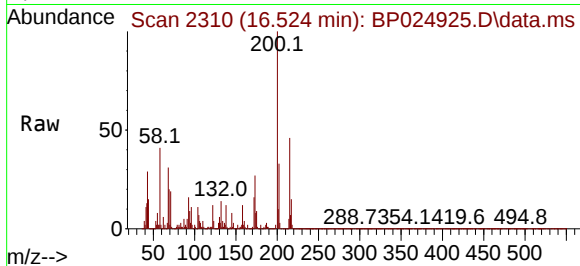




#69
 Atrazine
 Concen: 54.425 ng
 RT: 16.524 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BP024925.D
 Acq: 12 Jun 2025 11:39

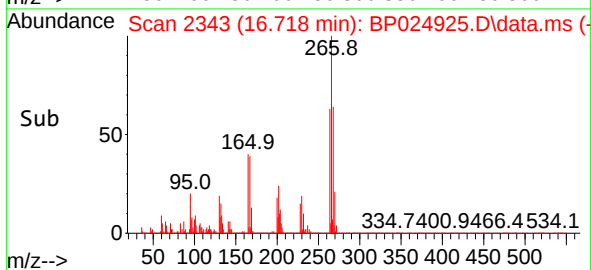
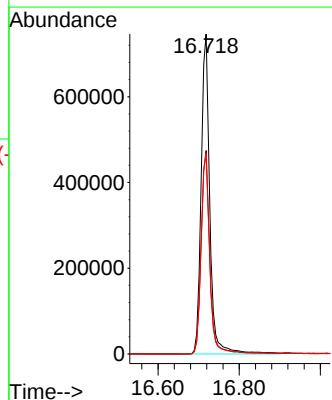
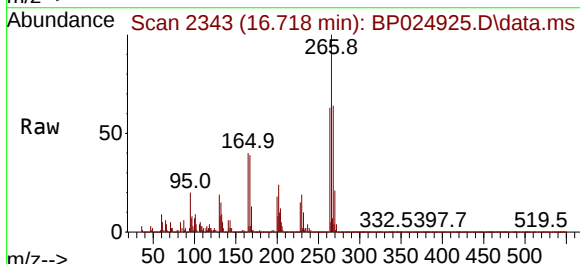
Instrument :
 BNA_P
 ClientSampleId :
 PB168373BS

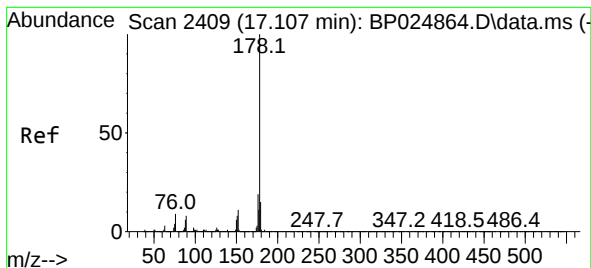
Tgt Ion:200 Resp: 731293
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.9 46.9
 215 46.2 28.7 68.7



#70
 Pentachlorophenol
 Concen: 131.392 ng
 RT: 16.718 min Scan# 2343
 Delta R.T. 0.005 min
 Lab File: BP024925.D
 Acq: 12 Jun 2025 11:39

Tgt Ion:266 Resp: 1112319
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.6 76.0
 264 62.8 49.7 74.5





#71

Phenanthrene

Concen: 51.471 ng

RT: 17.101 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

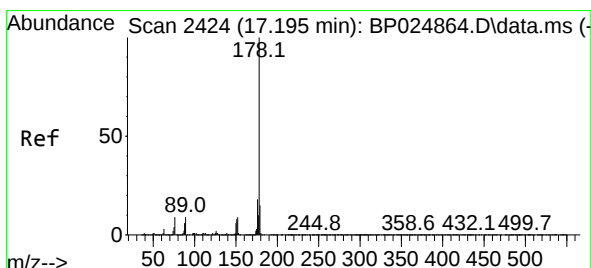
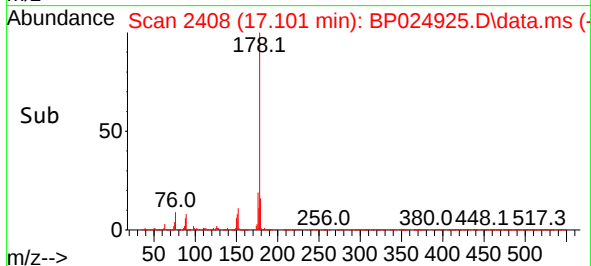
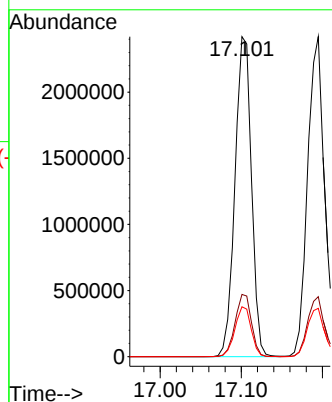
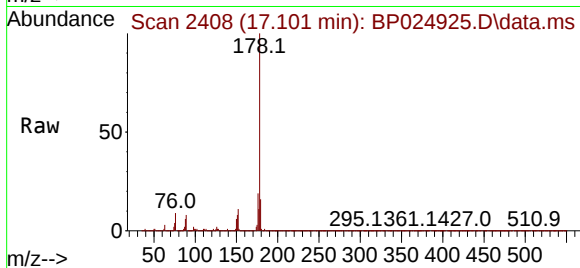
Tgt Ion:178 Resp: 3401344

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.6 12.1 18.1



#72

Anthracene

Concen: 52.445 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

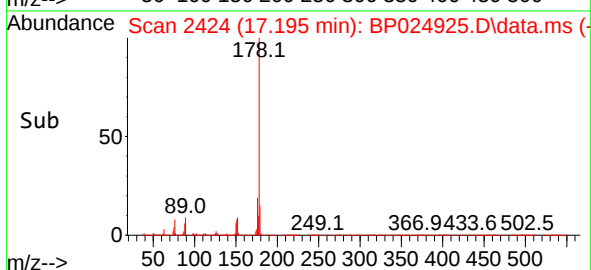
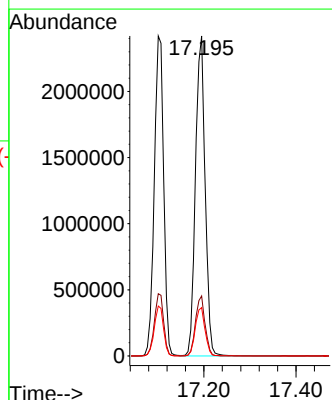
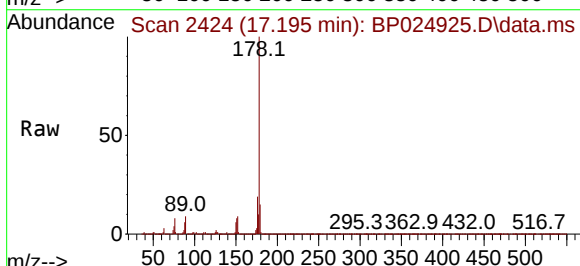
Tgt Ion:178 Resp: 3509950

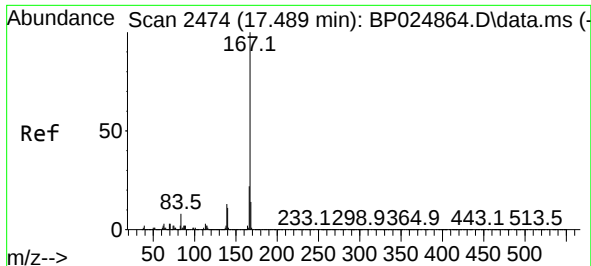
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.1 12.3 18.5

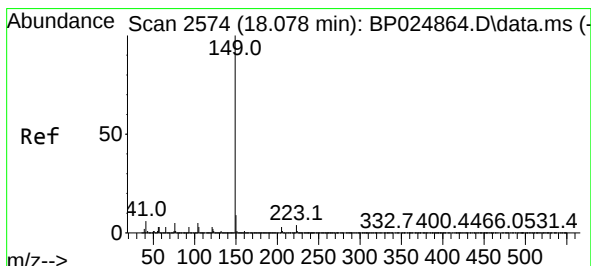
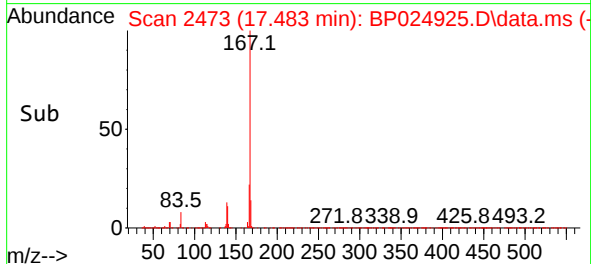
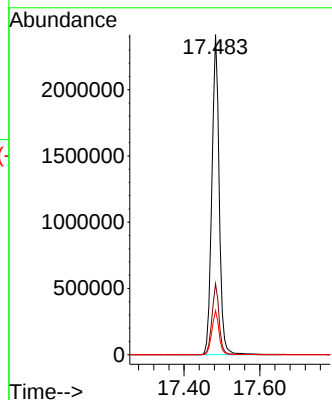
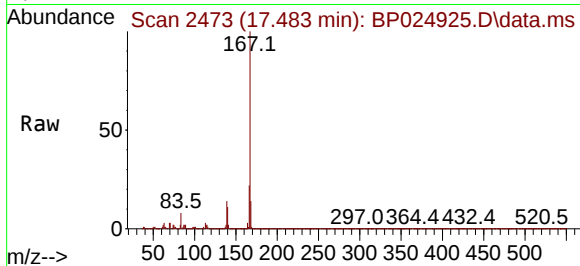




#73
 Carbazole
 Concen: 51.912 ng
 RT: 17.483 min Scan# 2474
 Delta R.T. -0.006 min
 Lab File: BP024925.D
 Acq: 12 Jun 2025 11:39

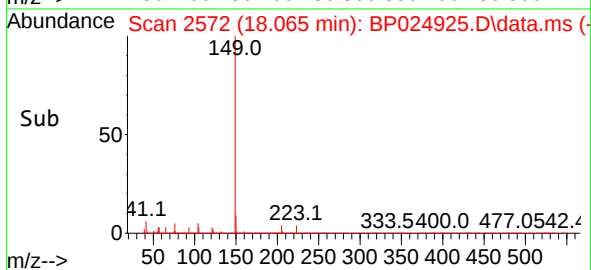
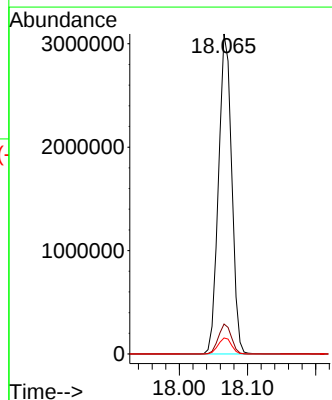
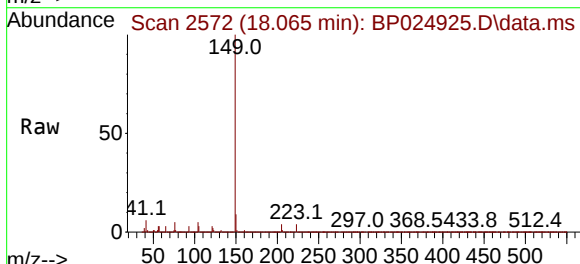
Instrument :
 BNA_P
 ClientSampleId :
 PB168373BS

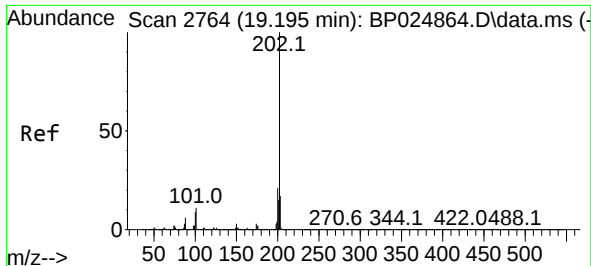
Tgt Ion:167 Resp: 3220300
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 54.111 ng
 RT: 18.065 min Scan# 2572
 Delta R.T. -0.012 min
 Lab File: BP024925.D
 Acq: 12 Jun 2025 11:39

Tgt Ion:149 Resp: 4158916
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 4.2 6.2

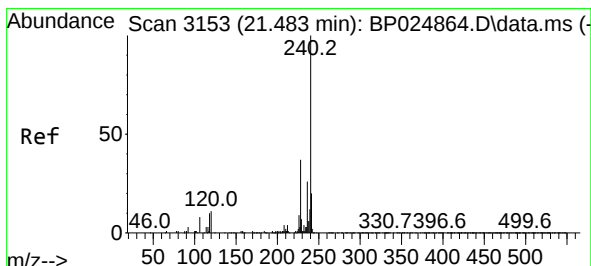
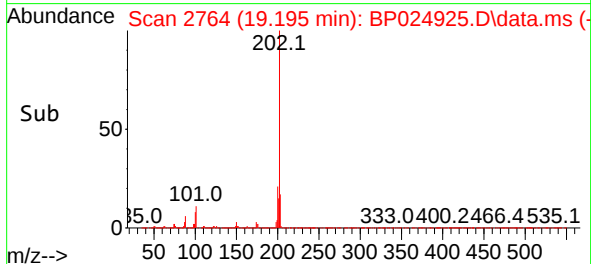
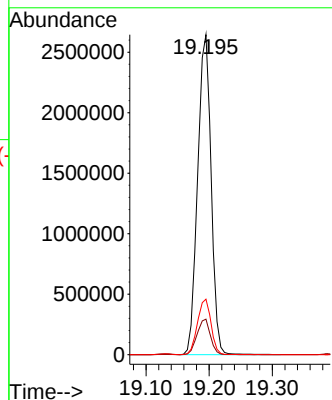
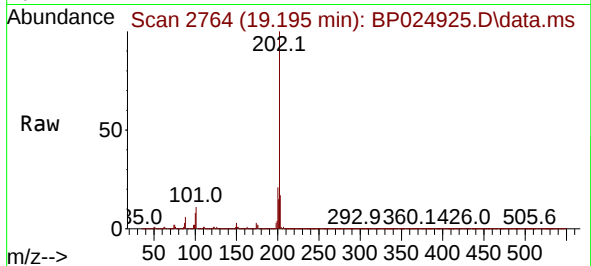




#75
Fluoranthene
Concen: 51.070 ng
RT: 19.195 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

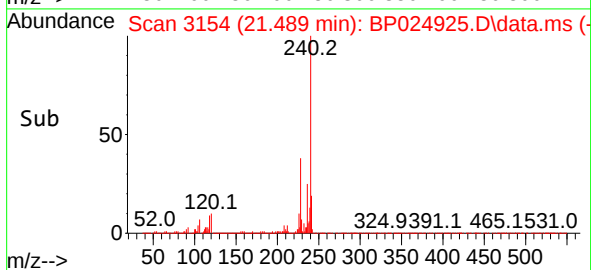
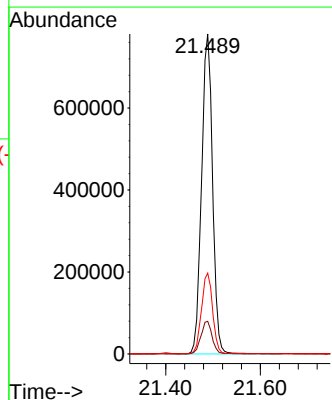
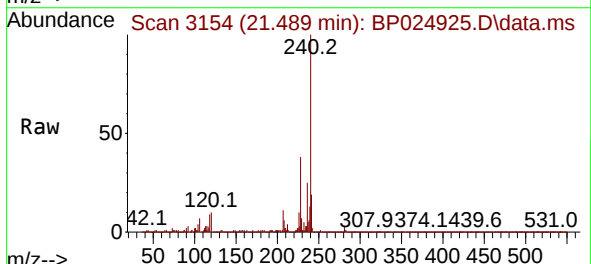
Instrument :
BNA_P
ClientSampleId :
PB168373BS

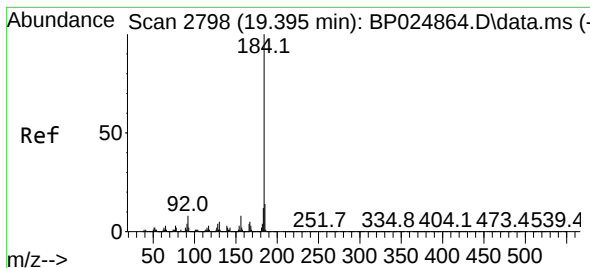
Tgt Ion:202 Resp: 3911598
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.005 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:240 Resp: 1256172
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.3 20.9 31.3





#77

Benzidine

Concen: 35.279 ng

RT: 19.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

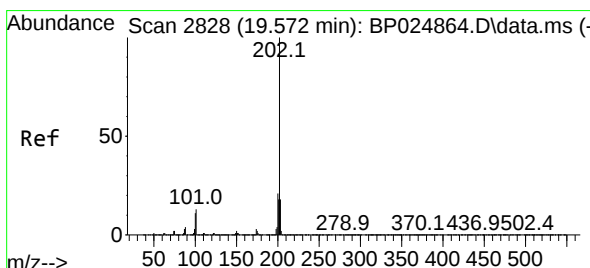
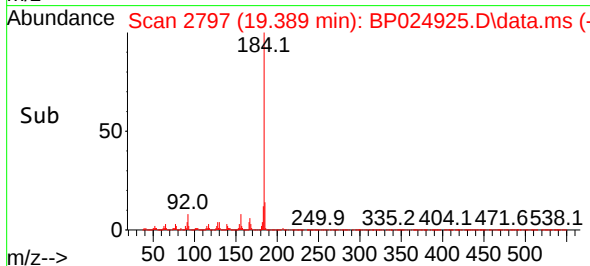
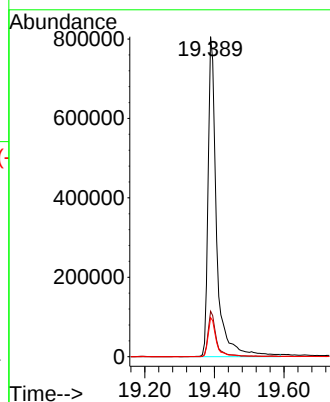
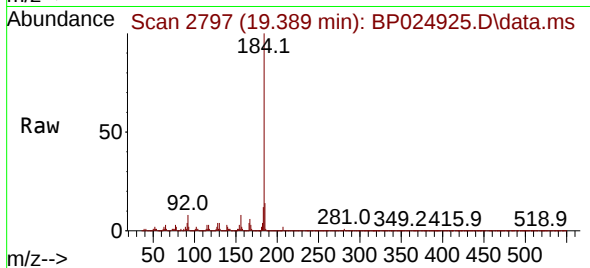
Tgt Ion:184 Resp: 1372554

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 12.2 9.5 14.3



#78

Pyrene

Concen: 51.617 ng

RT: 19.571 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

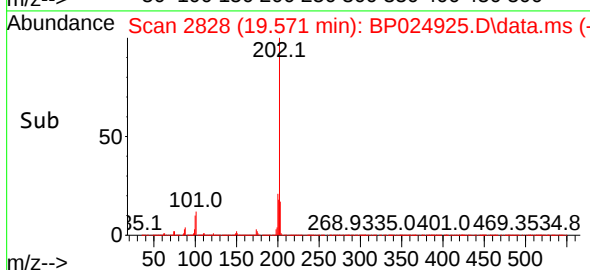
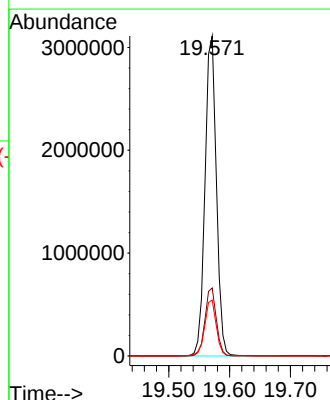
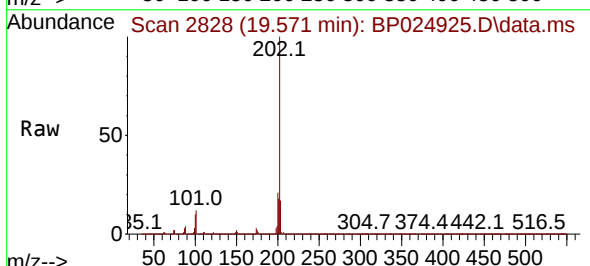
Tgt Ion:202 Resp: 4050841

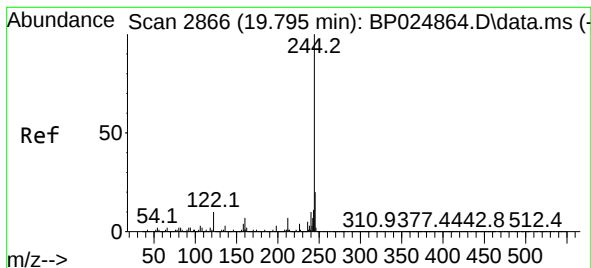
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 91.516 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

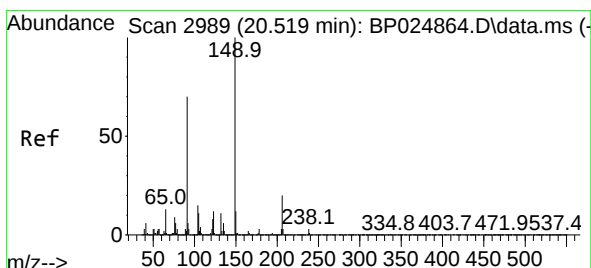
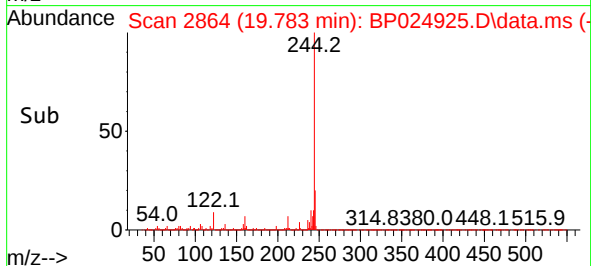
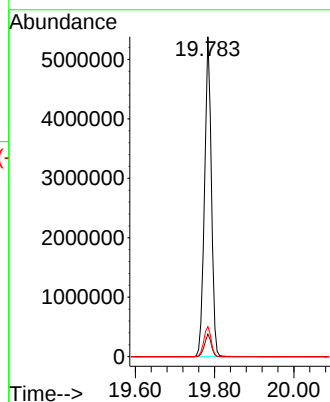
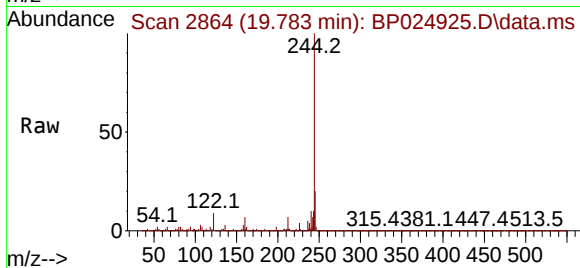
Tgt Ion:244 Resp: 6414314

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 54.173 ng

RT: 20.518 min Scan# 2989

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

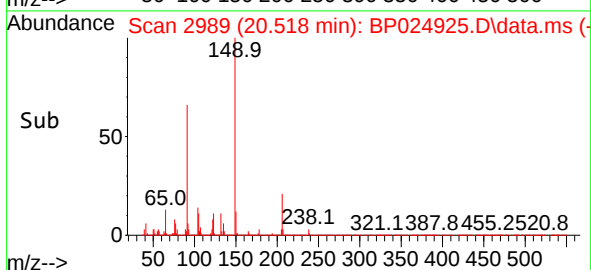
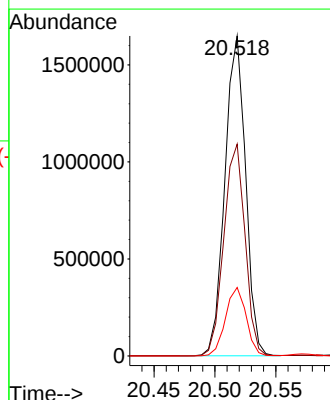
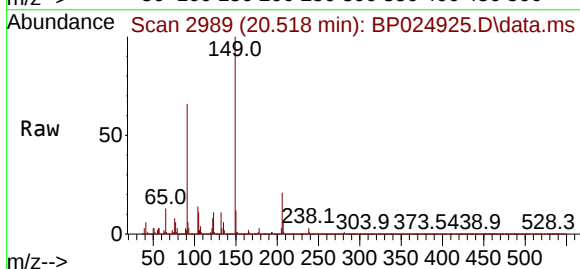
Tgt Ion:149 Resp: 1947363

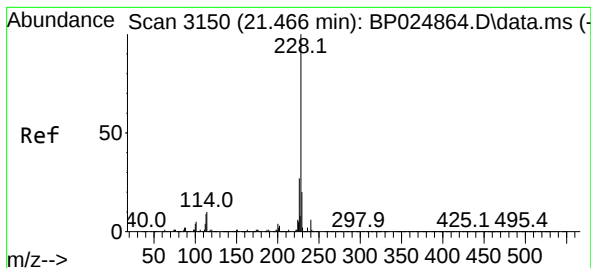
Ion Ratio Lower Upper

149 100

91 66.2 55.8 83.8

206 21.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 51.661 ng

RT: 21.465 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

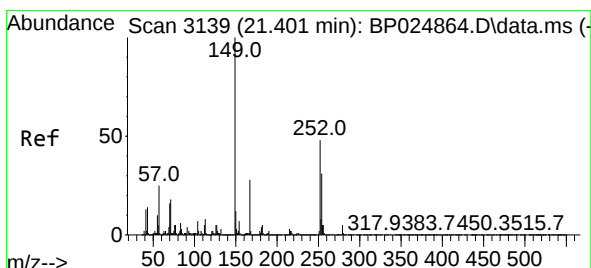
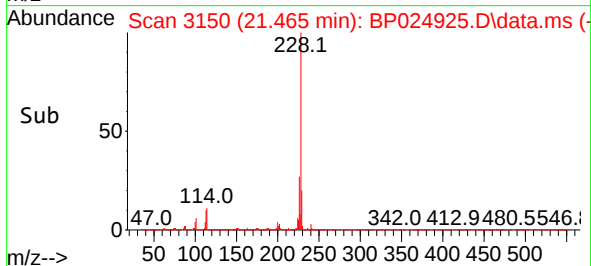
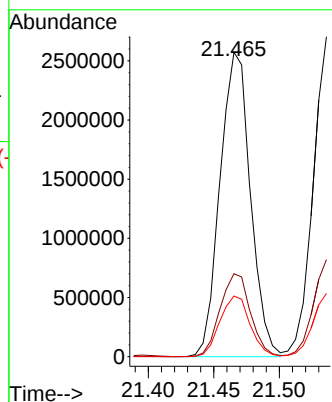
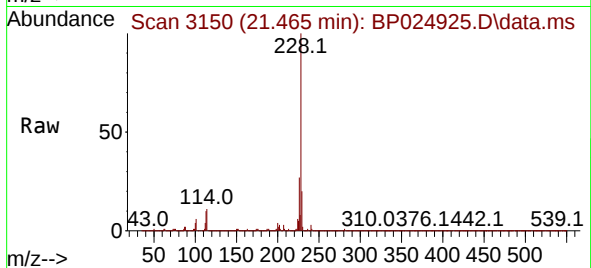
Tgt Ion:228 Resp: 4150592

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 33.178 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

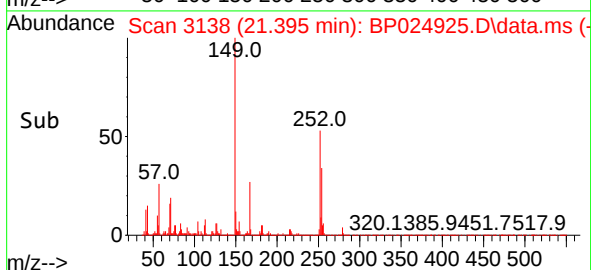
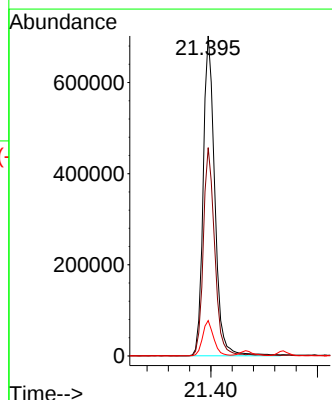
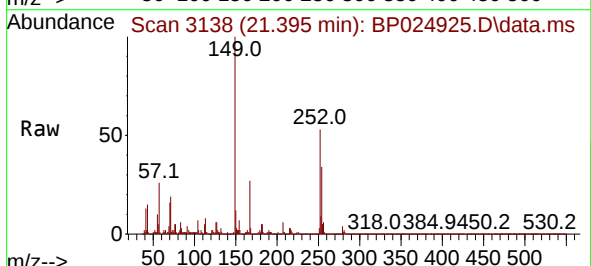
Tgt Ion:252 Resp: 1058240

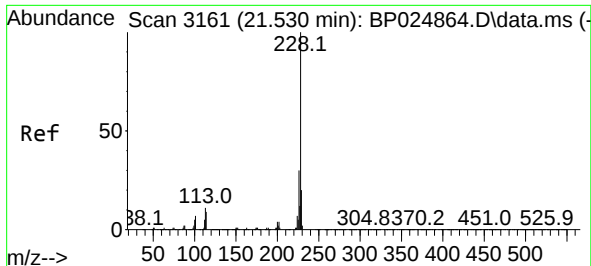
Ion Ratio Lower Upper

252 100

254 65.1 51.2 76.8

126 11.0 8.6 12.8





#83

Chrysene

Concen: 51.069 ng

RT: 21.536 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

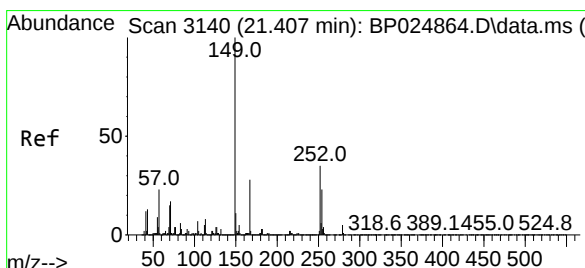
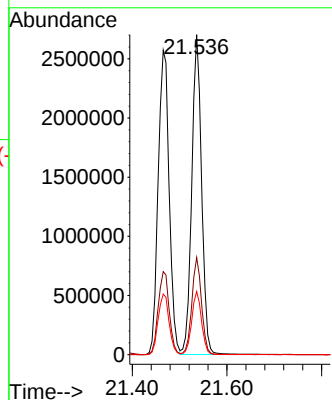
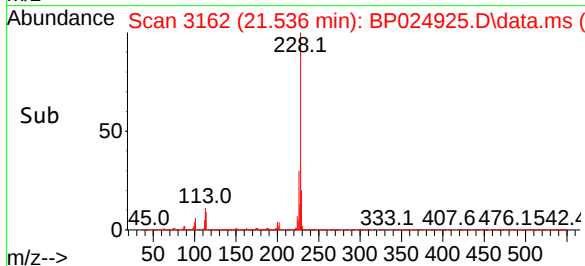
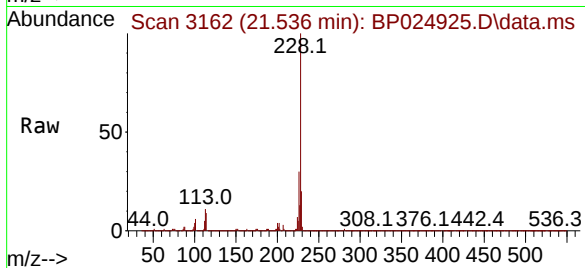
Tgt Ion:228 Resp: 3887739

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.014 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

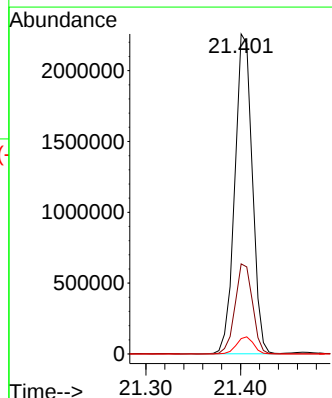
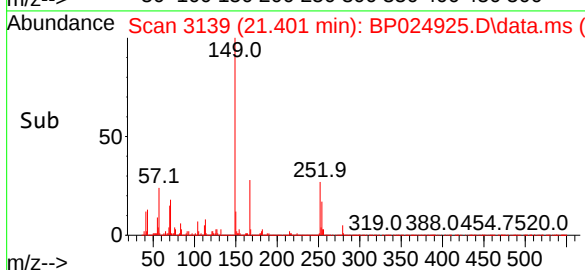
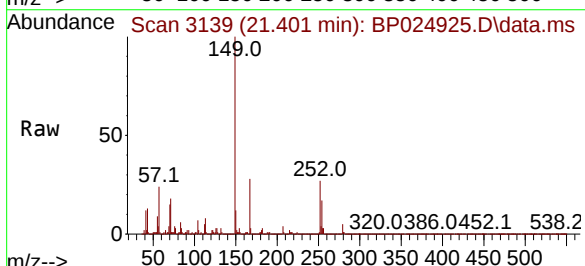
Tgt Ion:149 Resp: 2884942

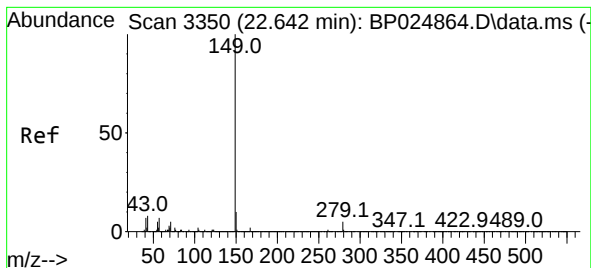
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 55.760 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

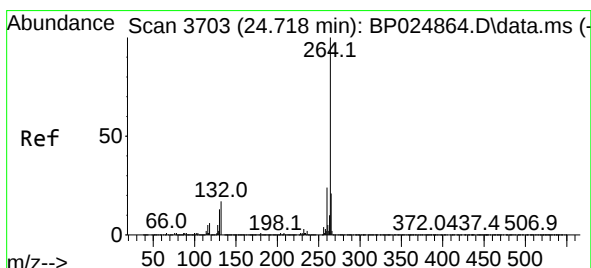
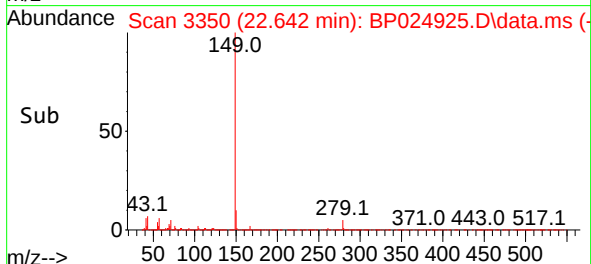
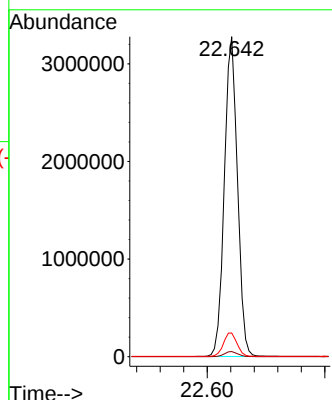
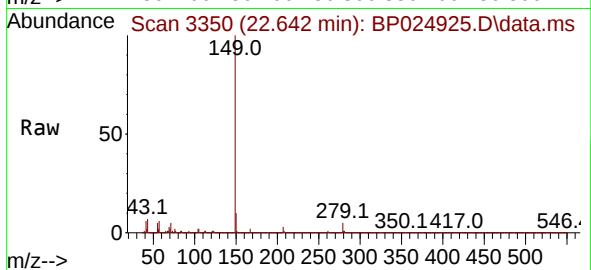
Tgt Ion:149 Resp: 5061912

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.753 min Scan# 3709

Delta R.T. 0.035 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

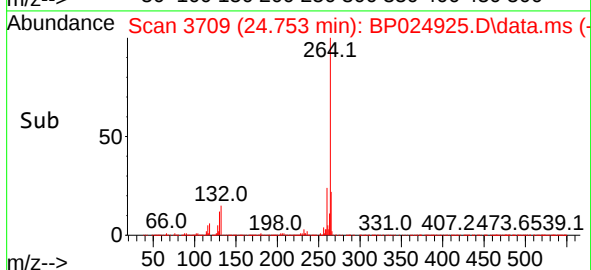
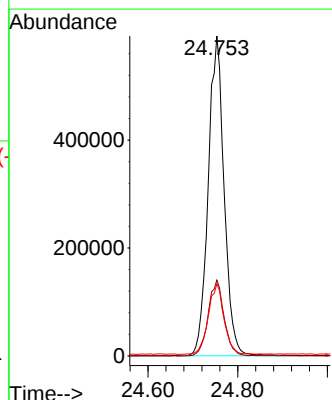
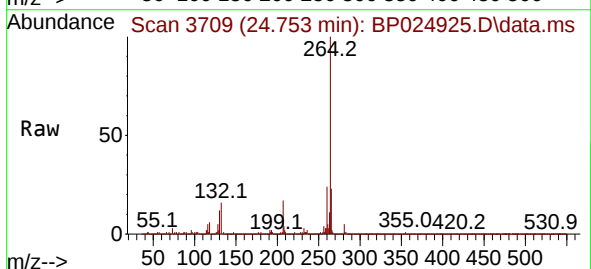
Tgt Ion:264 Resp: 1457399

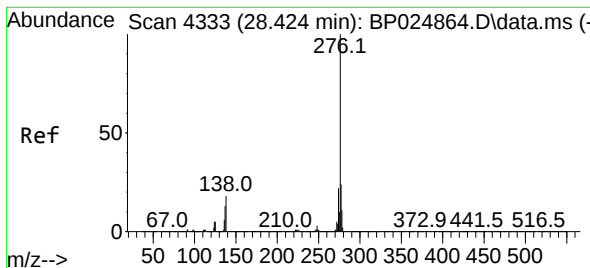
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.673 ng

RT: 28.465 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

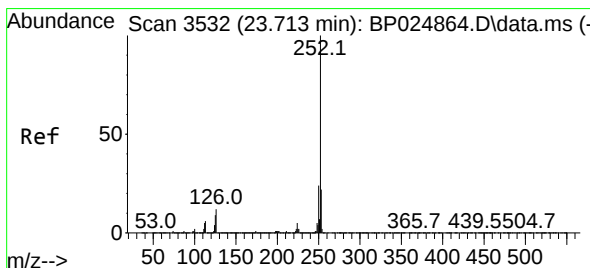
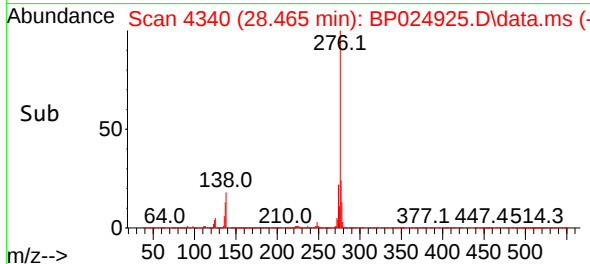
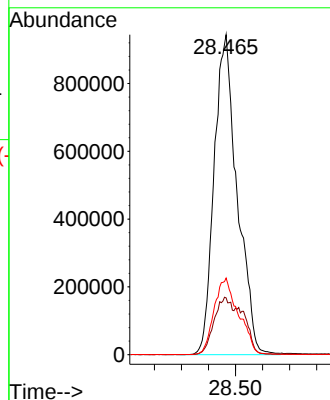
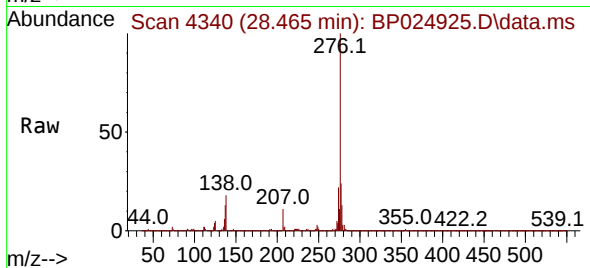
Tgt Ion:276 Resp: 5600962

Ion Ratio Lower Upper

276 100

138 14.2 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.892 ng

RT: 23.718 min Scan# 3533

Delta R.T. 0.006 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

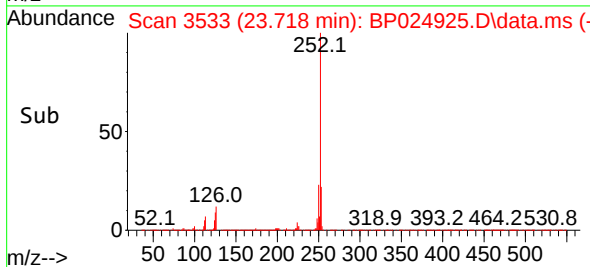
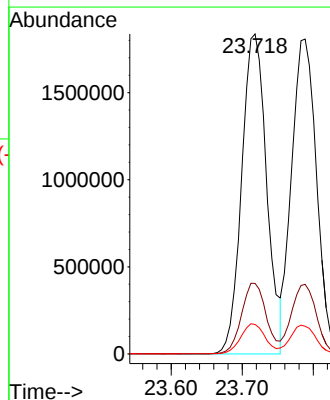
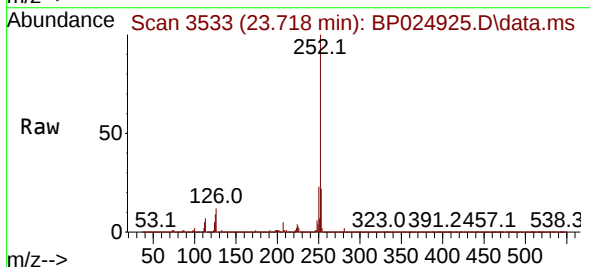
Tgt Ion:252 Resp: 4494980

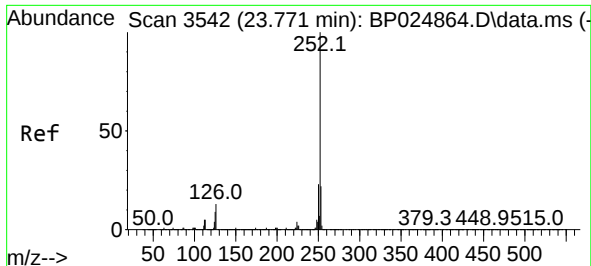
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.2 7.1 10.7

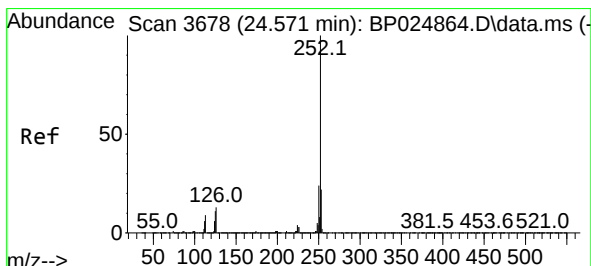
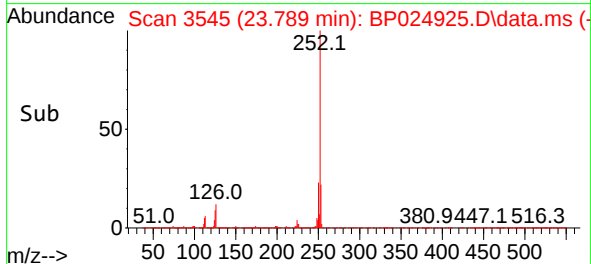
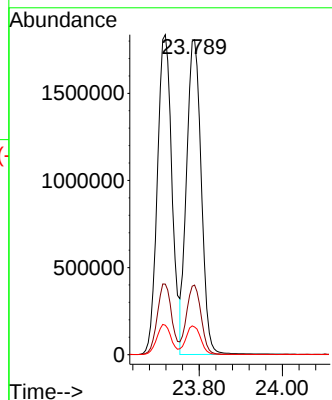
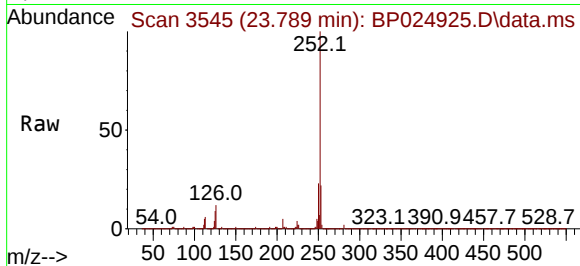




#89
Benzo(k)fluoranthene
Concen: 52.077 ng
RT: 23.789 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

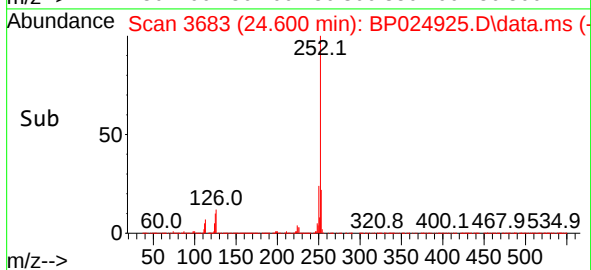
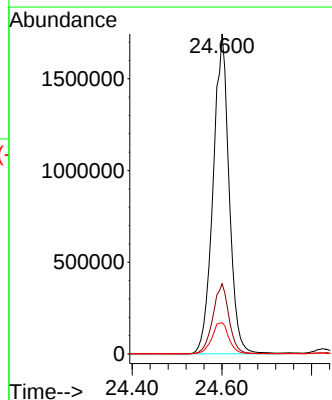
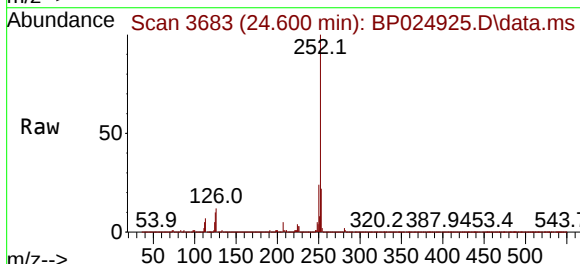
Instrument :
BNA_P
ClientSampleId :
PB168373BS

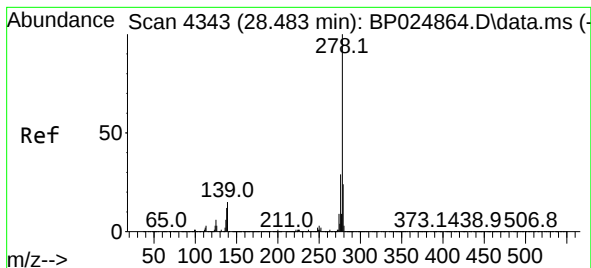
Tgt Ion:252 Resp: 4421428
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 53.070 ng
RT: 24.600 min Scan# 3683
Delta R.T. 0.029 min
Lab File: BP024925.D
Acq: 12 Jun 2025 11:39

Tgt Ion:252 Resp: 4322758
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 52.784 ng

RT: 28.530 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Instrument :

BNA_P

ClientSampleId :

PB168373BS

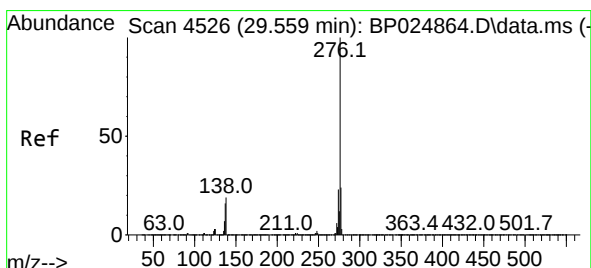
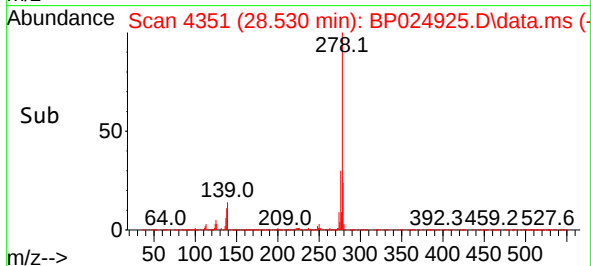
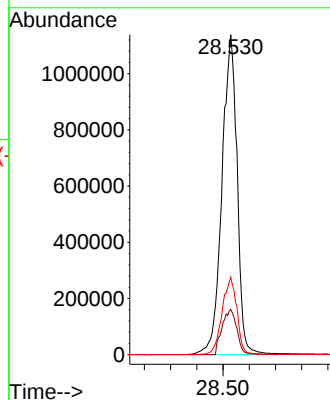
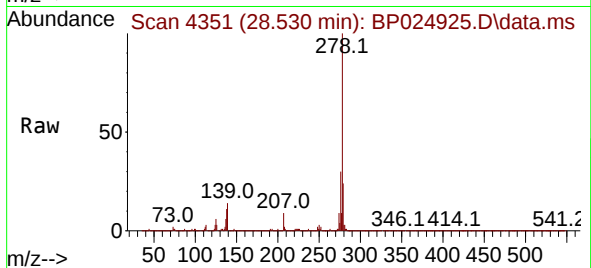
Tgt Ion:278 Resp: 4568701

Ion Ratio Lower Upper

278 100

139 14.1 12.0 18.0

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 52.420 ng

RT: 29.594 min Scan# 4532

Delta R.T. 0.035 min

Lab File: BP024925.D

Acq: 12 Jun 2025 11:39

Tgt Ion:276 Resp: 4501728

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 18.4 15.4 23.2

