

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
 Data File : BP026236.D
 Acq On : 03 Dec 2025 21:05
 Operator : RC/JU
 Sample : Q3741-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B50-SP4-112525MS

Quant Time: Dec 04 00:06:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	313434	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1249991	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	745833	20.000	ng	-0.04
64) Phenanthrene-d10	17.078	188	1318463	20.000	ng	-0.05
76) Chrysene-d12	21.525	240	1246073	20.000	ng	-0.05
86) Perylene-d12	24.819	264	1483998	20.000	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1154311	59.112	ng	0.00
7) Phenol-d6	6.849	99	1963983	79.002	ng	0.00
23) Nitrobenzene-d5	8.802	82	1241260	56.406	ng	-0.01
42) 2,4,6-Tribromophenol	15.795	330	491250	50.774	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	3086393	60.649	ng	-0.04
79) Terphenyl-d14	19.819	244	3883780	63.553	ng	-0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	300166	37.898	ng	97
3) Pyridine	3.614	79	823933	35.996	ng	99
4) n-Nitrosodimethylamine	3.520	42	365986	42.782	ng	93
6) Aniline	6.996	93	529083	16.119	ng	99
8) 2-Chlorophenol	7.237	128	1013234	45.585	ng	99
9) Benzaldehyde	6.814	77	709595	54.468	ng	99
10) Phenol	6.872	94	1187672	44.348	ng	97
11) bis(2-Chloroethyl)ether	7.090	93	925121	44.118	ng	98
12) 1,3-Dichlorobenzene	7.555	146	1079728	45.089	ng	99
13) 1,4-Dichlorobenzene	7.690	146	1092256	45.265	ng	99
14) 1,2-Dichlorobenzene	8.008	146	1059078	45.707	ng	99
15) Benzyl Alcohol	7.896	79	804023	44.146	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1196467	40.628	ng	99
17) 2-Methylphenol	8.102	107	818204	44.880	ng	99
18) Hexachloroethane	8.731	117	389641	44.379	ng	94
19) n-Nitroso-di-n-propyla...	8.461	70	640443	41.468	ng	99
20) 3+4-Methylphenols	8.425	107	1088661	43.094	ng	99
22) Acetophenone	8.472	105	1370538	43.137	ng	100
24) Nitrobenzene	8.843	77	963384	43.279	ng	99
25) Isophorone	9.366	82	1828275	41.908	ng	99
26) 2-Nitrophenol	9.543	139	516683	45.871	ng	97
27) 2,4-Dimethylphenol	9.613	122	912013	44.903	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	1157496	42.364	ng	99
29) 2,4-Dichlorophenol	10.078	162	949384	46.768	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	998954	48.325	ng	99
31) Naphthalene	10.472	128	2998003	44.379	ng	99
32) Benzoic acid	9.755	122	628601	36.752	ng	99
33) 4-Chloroaniline	10.584	127	275102	9.576	ng	100
34) Hexachlorobutadiene	10.766	225	638885	47.521	ng	99
35) Caprolactam	11.366	113	272218	37.449	ng	99
36) 4-Chloro-3-methylphenol	11.713	107	938148	43.481	ng	99
37) 2-Methylnaphthalene	12.090	142	1930370	40.306	ng	99
38) 1-Methylnaphthalene	12.307	142	2010001	42.938	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	1124250	49.851	ng	100
41) Hexachlorocyclopentadiene	12.449	237	1228806	83.255	ng	100
43) 2,4,6-Trichlorophenol	12.707	196	750595	48.548	ng	100

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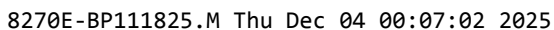
Instrument :
 BNA_P
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 B50-SP4-112525MS

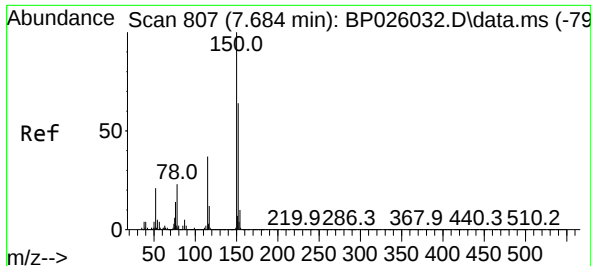
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	815293	47.241	ng	98
46) 1,1'-Biphenyl	13.113	154	2617261	46.603	ng	99
47) 2-Chloronaphthalene	13.154	162	2052189	46.469	ng	100
48) 2-Nitroaniline	13.349	65	529793	43.140	ng	97
49) Acenaphthylene	14.001	152	3432258	47.117	ng	99
50) Dimethylphthalate	13.743	163	2448681	43.957	ng	100
51) 2,6-Dinitrotoluene	13.854	165	534714	48.443	ng	97
52) Acenaphthene	14.349	154	1922197	45.027	ng	100
53) 3-Nitroaniline	14.184	138	180809	13.912	ng	98
54) 2,4-Dinitrophenol	14.390	184	476828	71.564	ng	97
55) Dibenzofuran	14.690	168	3024370	45.741	ng	99
56) 4-Nitrophenol	14.513	139	838681	71.334	ng	94
57) 2,4-Dinitrotoluene	14.648	165	719135	43.634	ng	99
58) Fluorene	15.348	166	2360135	45.160	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	683595	46.690	ng	99
60) Diethylphthalate	15.131	149	2408887	42.927	ng	100
61) 4-Chlorophenyl-phenyle...	15.348	204	1172218	45.080	ng	98
62) 4-Nitroaniline	15.360	138	420856	31.185	ng	95
63) Azobenzene	15.643	77	2228100	47.089	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	355941	42.495	ng	99
66) n-Nitrosodiphenylamine	15.560	169	2037328	49.952	ng	100
67) 4-Bromophenyl-phenylether	16.254	248	760025	52.051	ng	99
68) Hexachlorobenzene	16.372	284	863379	50.957	ng	99
69) Atrazine	16.543	200	721047	46.883	ng	99
70) Pentachlorophenol	16.725	266	1103762	93.128	ng	99
71) Phenanthrene	17.125	178	4188721	56.397	ng	100
72) Anthracene	17.219	178	3646141	48.131	ng	99
73) Carbazole	17.495	167	3204127	44.533	ng	99
74) Di-n-butylphthalate	18.101	149	3886458	45.563	ng	100
75) Fluoranthene	19.213	202	4899352	54.292	ng	99
77) Benzidine	19.413	184	1208779	30.567	ng	99
78) Pyrene	19.589	202	4896523	59.931	ng	99
80) Butylbenzylphthalate	20.560	149	1732728	48.157	ng	99
81) Benzo(a)anthracene	21.507	228	4408419	51.513	ng	100
82) 3,3'-Dichlorobenzidine	21.430	252	557720	17.921	ng	99
83) Chrysene	21.566	228	4306722	53.399	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	2483462	45.596	ng	100
85) Di-n-octyl phthalate	22.730	149	4242545	44.546	ng	98
87) Indeno(1,2,3-cd)pyrene	28.554	276	5678546	51.022	ng	# 94
88) Benzo(b)fluoranthene	23.783	252	4894666	54.160	ng	99
89) Benzo(k)fluoranthene	23.854	252	4551117	50.419	ng	100
90) Benzo(a)pyrene	24.666	252	4727132	55.221	ng	99
91) Dibenzo(a,h)anthracene	28.630	278	4466977	49.030	ng	98
92) Benzo(g,h,i)perylene	29.724	276	4778559	52.770	ng	98

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

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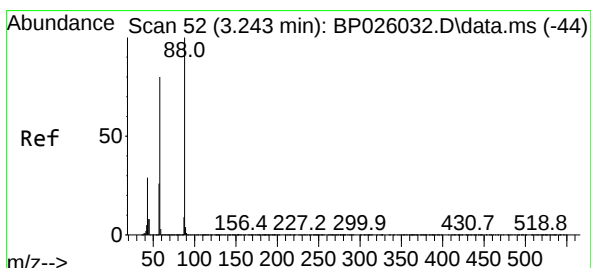
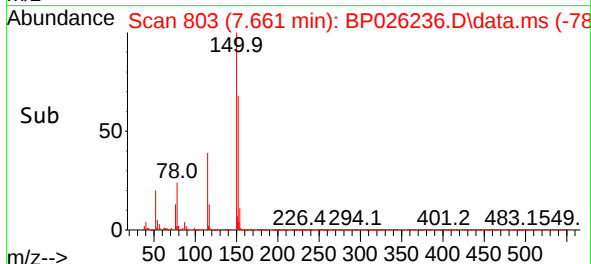
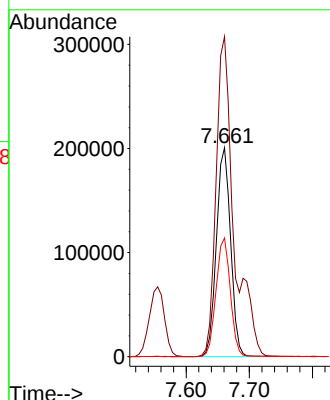
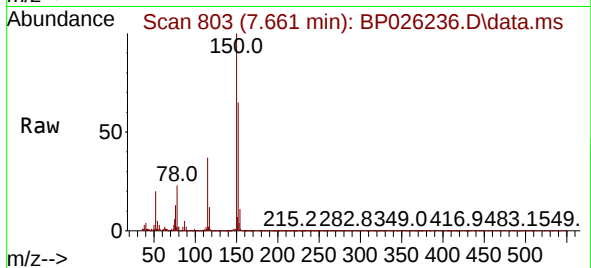




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.661 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BP026236.D
 Acq: 03 Dec 2025 21:05

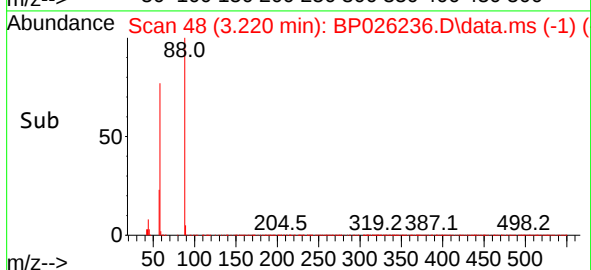
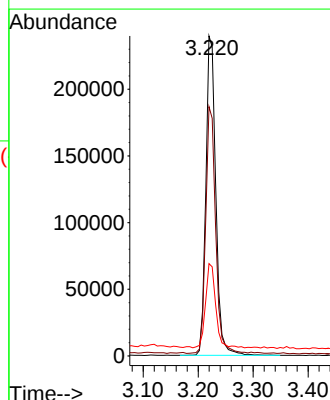
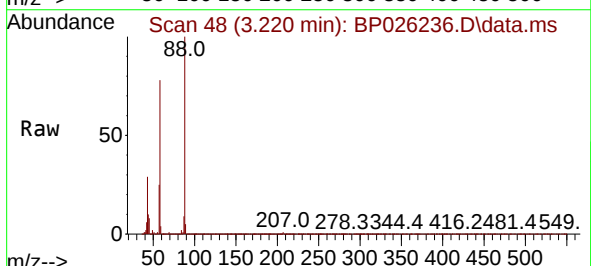
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 B50-SP4-112525MS

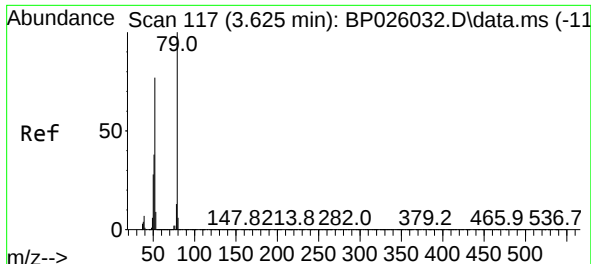
Tgt Ion:152 Resp: 313434
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.0 184.6
 115 56.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 37.898 ng
 RT: 3.220 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026236.D
 Acq: 03 Dec 2025 21:05

Tgt Ion: 88 Resp: 300166
 Ion Ratio Lower Upper
 88 100
 58 76.7 64.2 96.4
 43 26.9 21.5 32.3

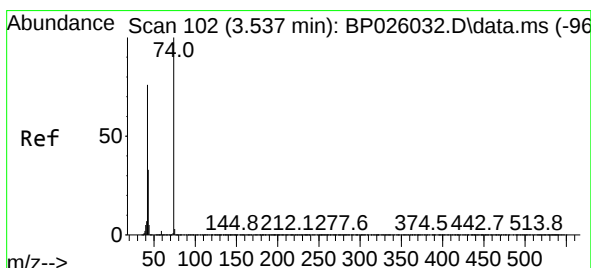
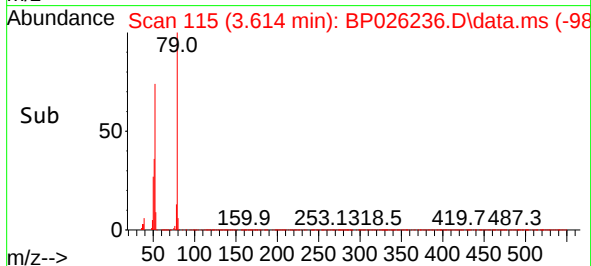
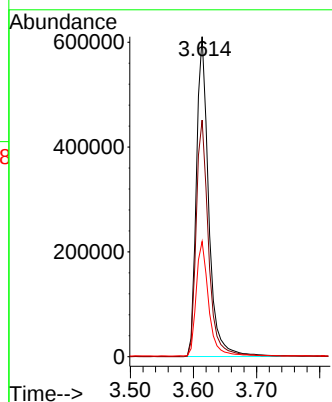
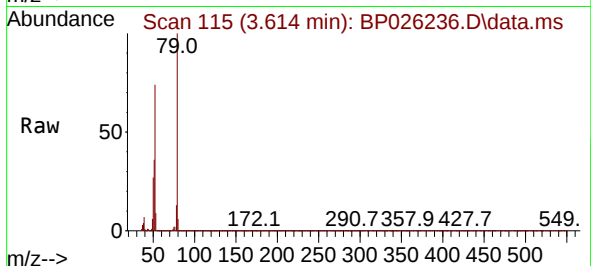




#3
Pyridine
Concen: 35.996 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

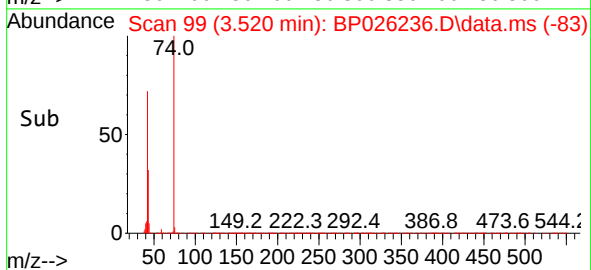
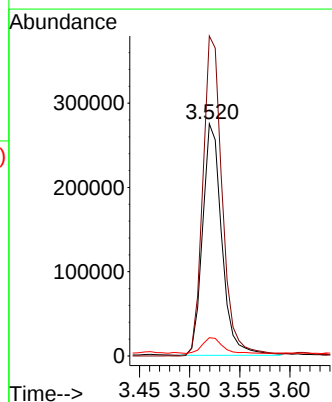
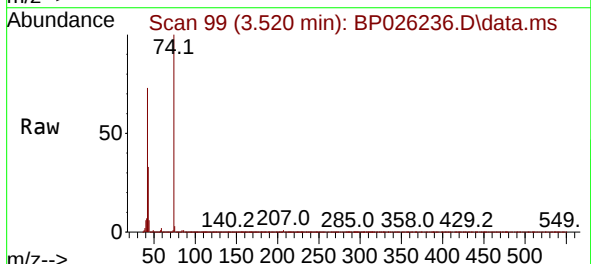
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

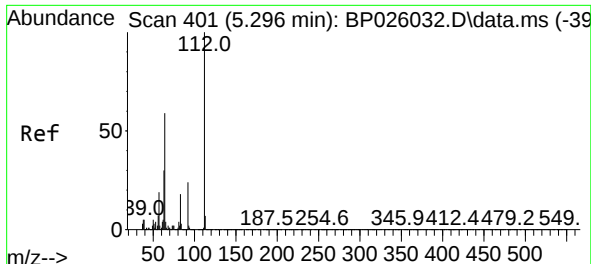
Tgt Ion: 79 Resp: 823933
Ion Ratio Lower Upper
79 100
52 74.0 60.2 90.2
51 36.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 42.782 ng
RT: 3.520 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion: 42 Resp: 365986
Ion Ratio Lower Upper
42 100
74 137.8 118.1 177.1
44 7.8 6.2 9.4

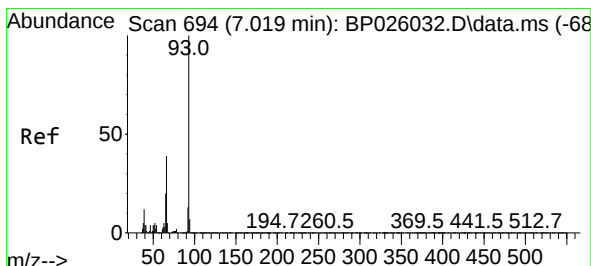
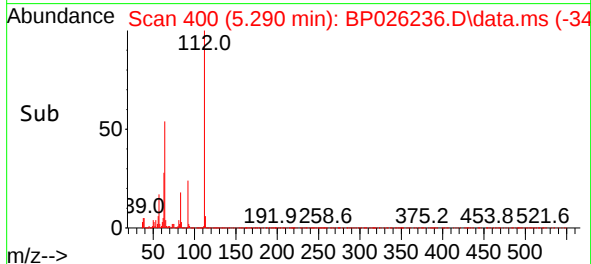
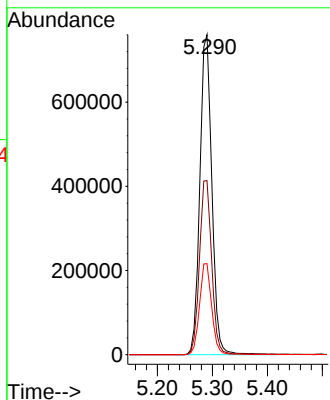
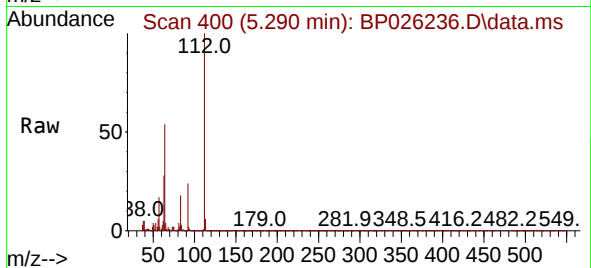




#5
2-Fluorophenol
Concen: 59.112 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

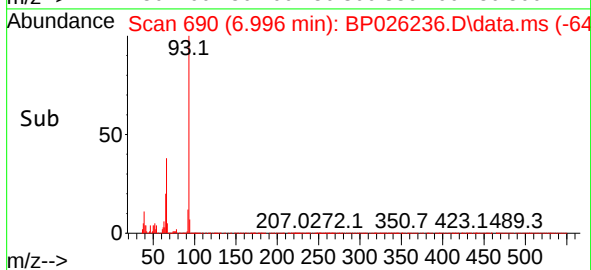
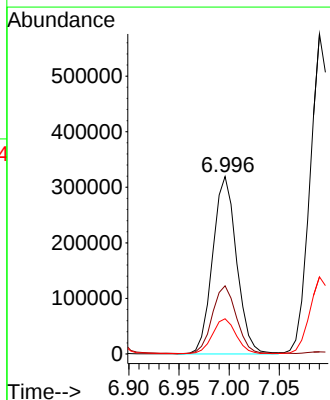
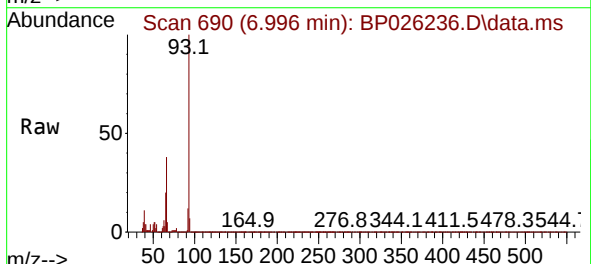
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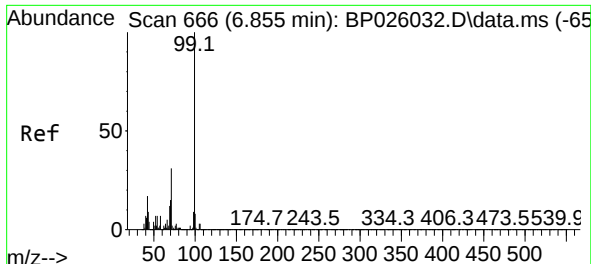
Tgt Ion:112 Resp: 1154311
Ion Ratio Lower Upper
112 100
64 54.4 45.8 68.6
63 28.4 23.5 35.3



#6
Aniline
Concen: 16.119 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion: 93 Resp: 529083
Ion Ratio Lower Upper
93 100
66 38.4 31.7 47.5
65 19.8 15.8 23.6



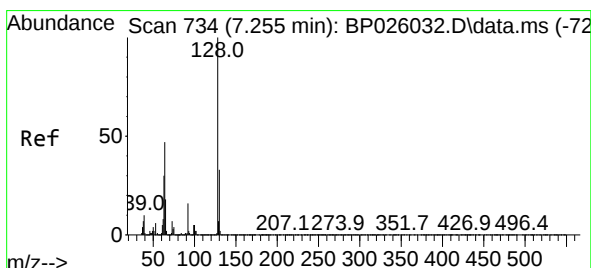
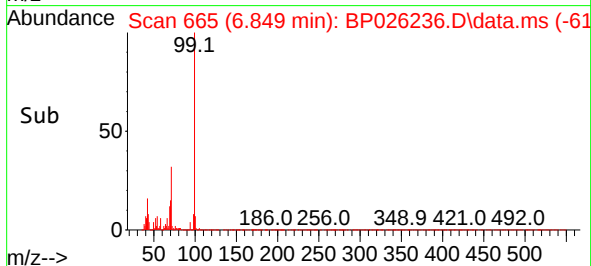
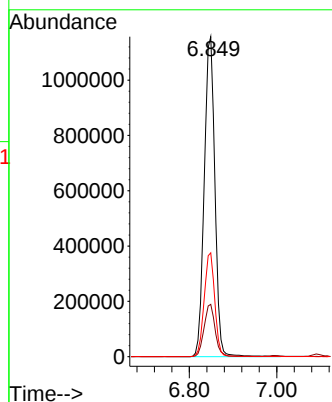
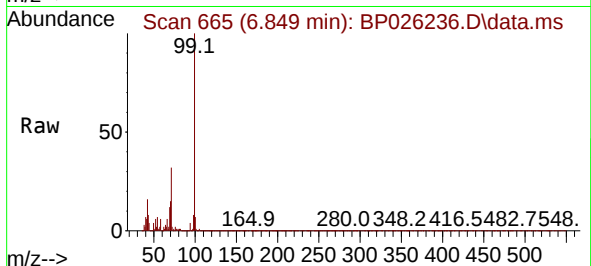


#7
Phenol-d6
Concen: 79.002 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Instrument :
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ClientSampleId :
B50-SP4-112525MS

Tgt Ion: 99 Resp: 1963983

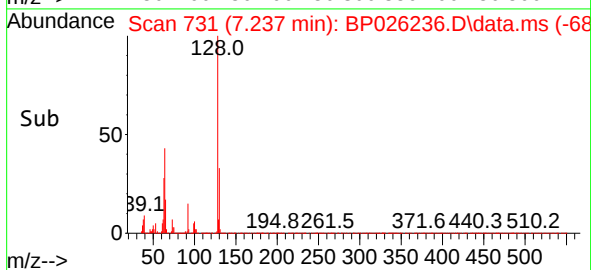
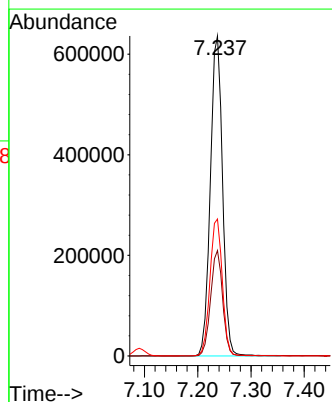
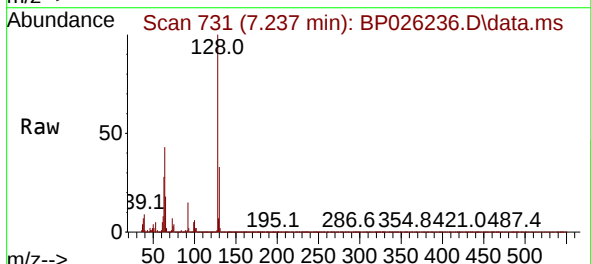
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.9	19.3
71	32.5	24.8	37.2

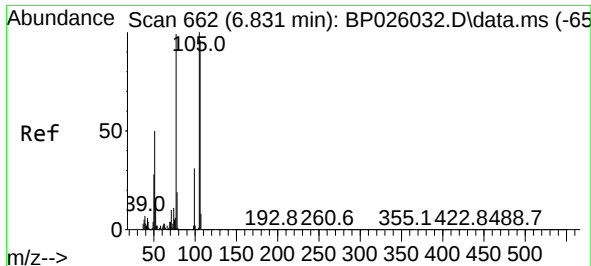


#8
2-Chlorophenol
Concen: 45.585 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:128 Resp: 1013234

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	42.8	23.9	63.9

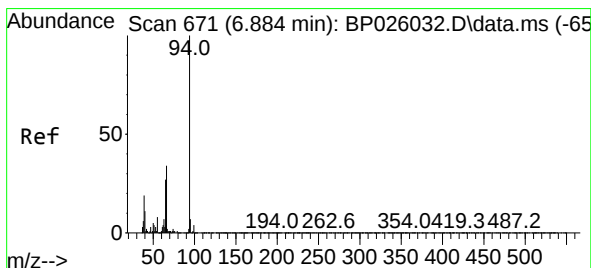
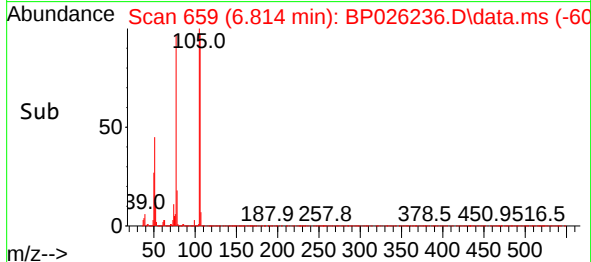
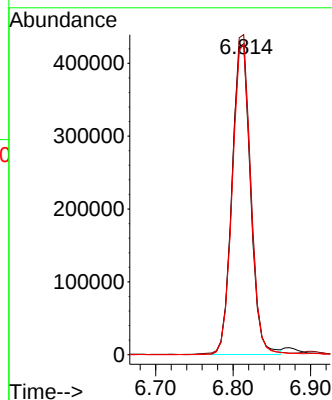
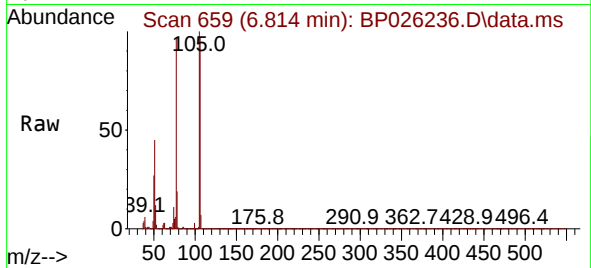




#9
Benzaldehyde
Concen: 54.468 ng
RT: 6.814 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

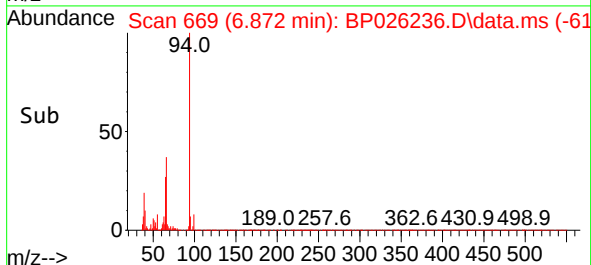
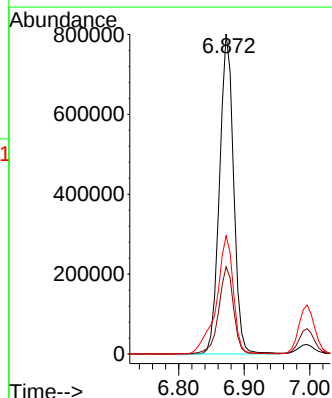
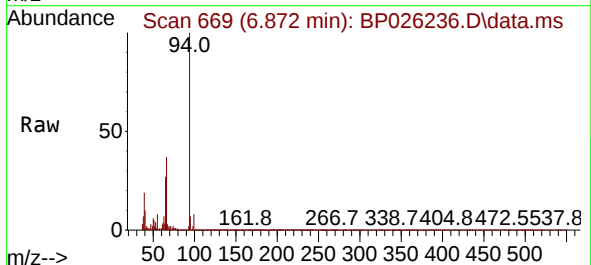
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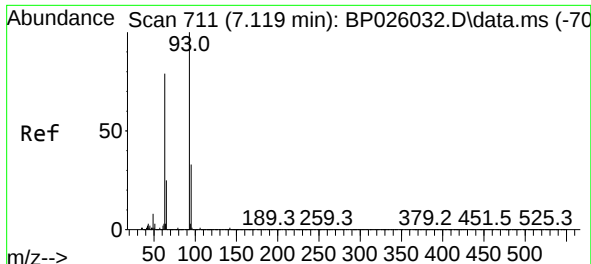
Tgt Ion: 77 Resp: 709595
Ion Ratio Lower Upper
77 100
105 103.0 82.9 122.9
106 100.0 77.8 117.8



#10
Phenol
Concen: 44.348 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion: 94 Resp: 1187672
Ion Ratio Lower Upper
94 100
65 27.3 7.0 47.0
66 36.9 14.5 54.5

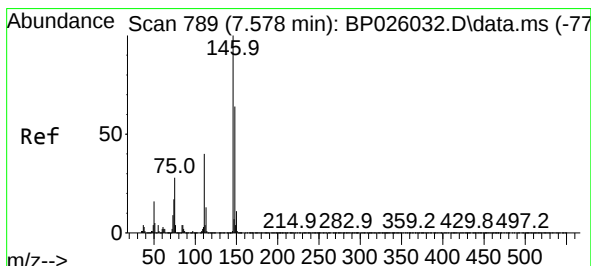
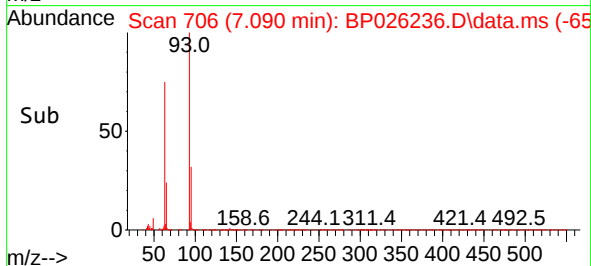
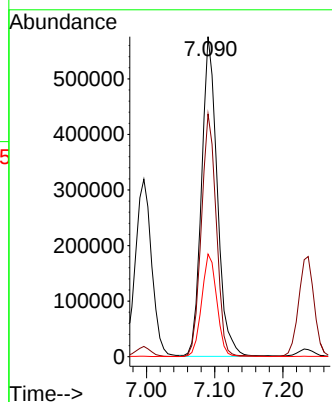
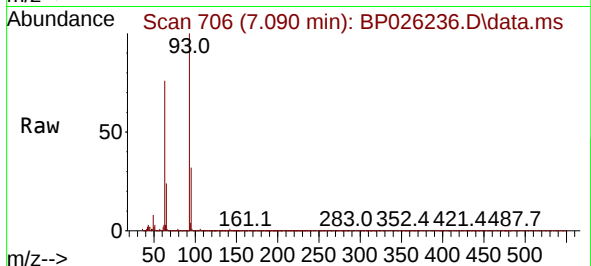




#11
bis(2-Chloroethyl)ether
Concen: 44.118 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

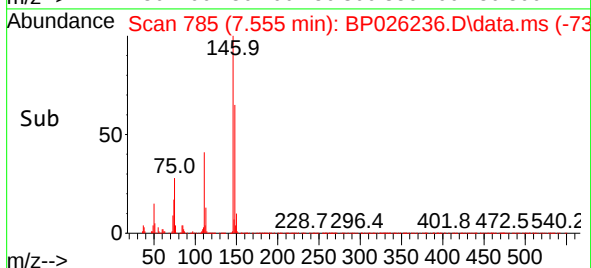
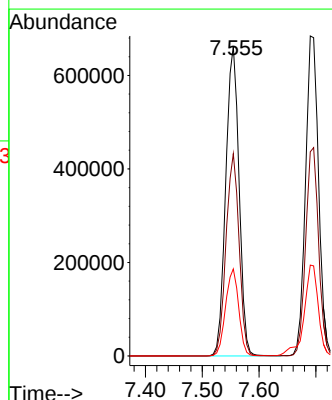
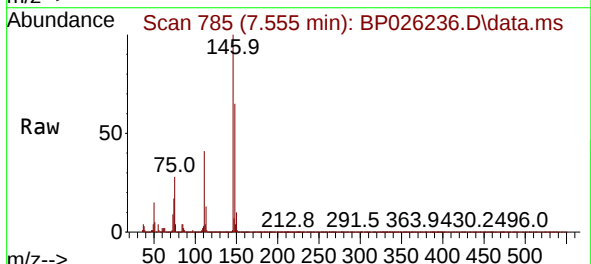
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

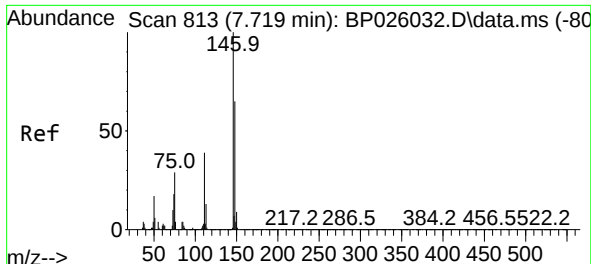
Tgt Ion: 93 Resp: 925121
Ion Ratio Lower Upper
93 100
63 75.9 58.8 98.8
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.089 ng
RT: 7.555 min Scan# 785
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:146 Resp: 1079728
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 28.1 22.2 33.2

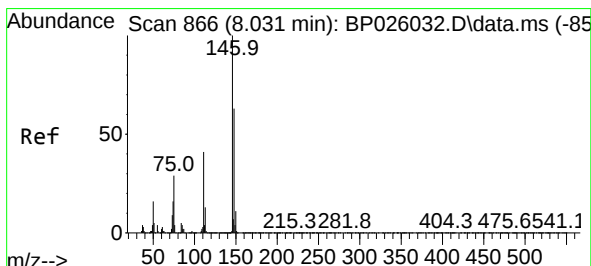
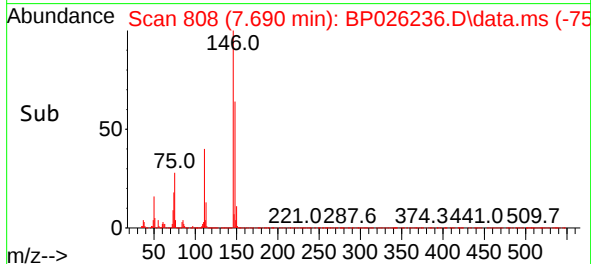
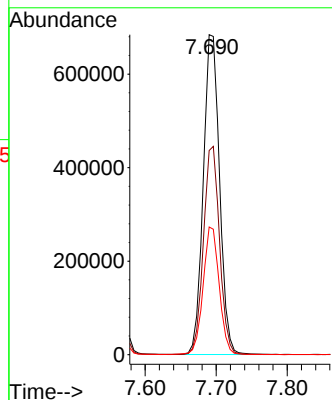
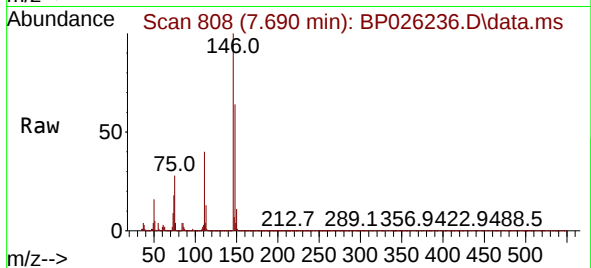




#13
1,4-Dichlorobenzene
Concen: 45.265 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

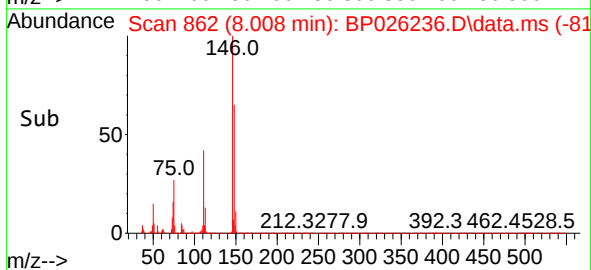
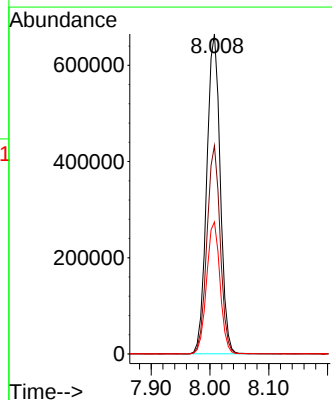
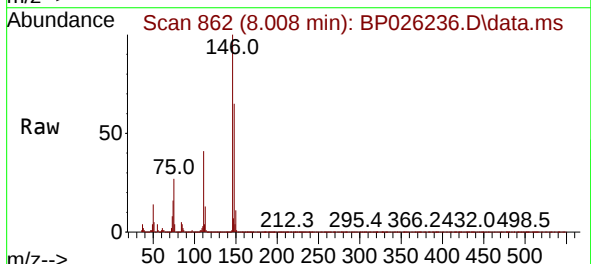
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

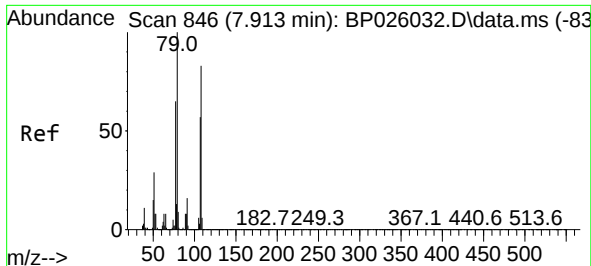
Tgt Ion:146 Resp: 1092256
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 39.9 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 45.707 ng
RT: 8.008 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:146 Resp: 1059078
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.6
111 41.2 33.0 49.4

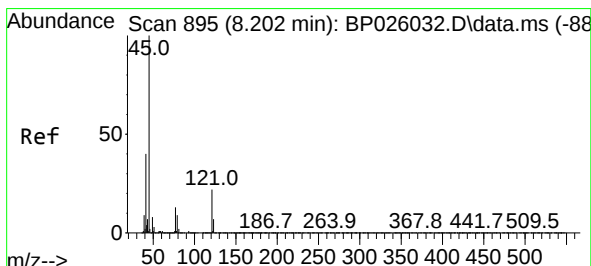
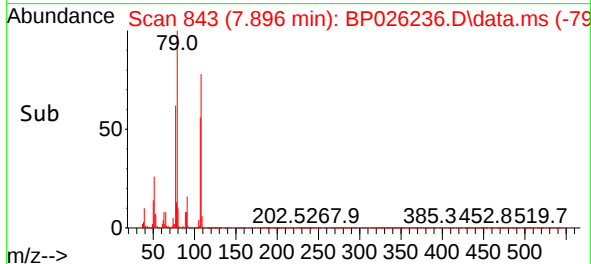
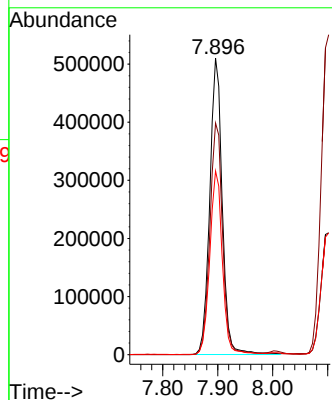
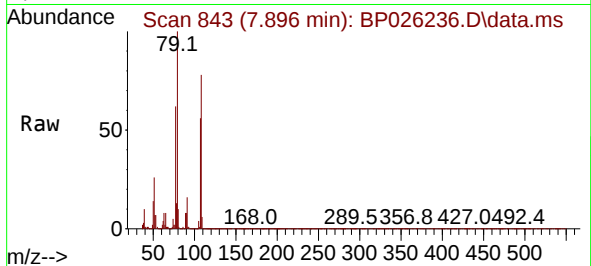




#15
Benzyl Alcohol
Concen: 44.146 ng
RT: 7.896 min Scan# 84
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

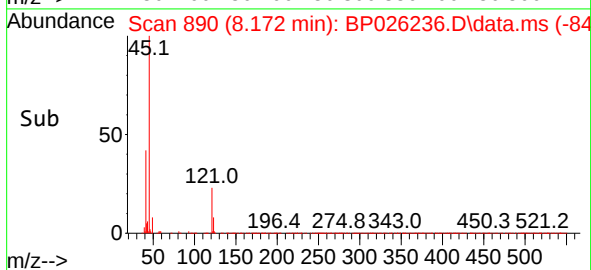
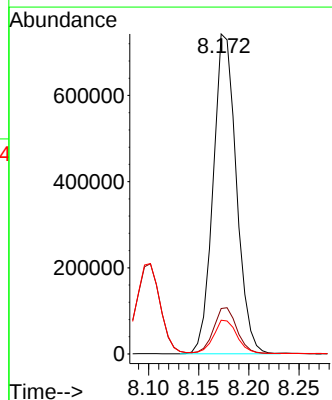
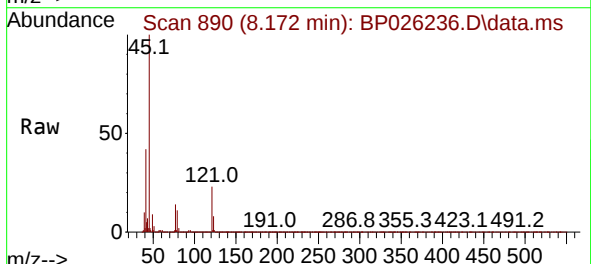
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

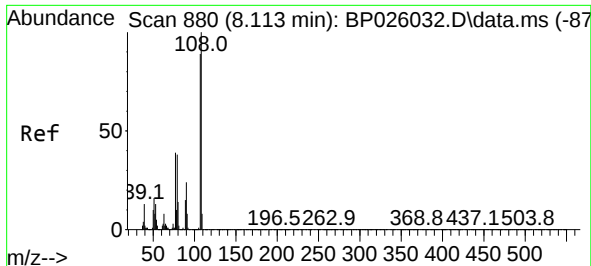
Tgt Ion: 79 Resp: 804023
Ion Ratio Lower Upper
79 100
108 78.1 66.2 99.4
77 61.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.628 ng
RT: 8.172 min Scan# 890
Delta R.T. -0.023 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

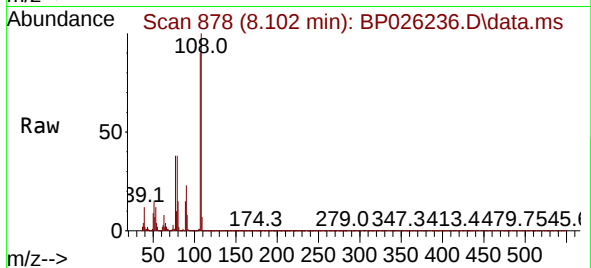
Tgt Ion: 45 Resp: 1196467
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.9
79 10.6 0.0 30.4



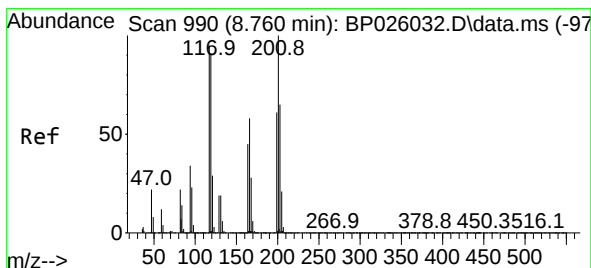
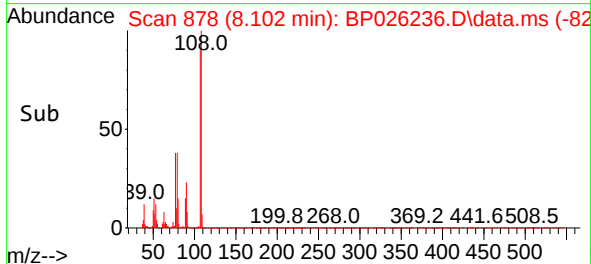
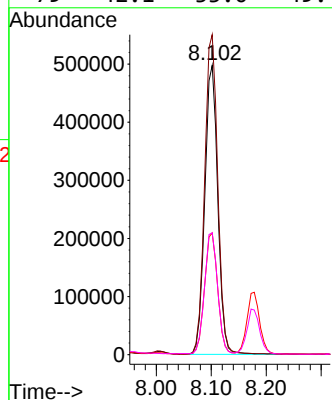


#17
2-Methylphenol
Concen: 44.880 ng
RT: 8.102 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

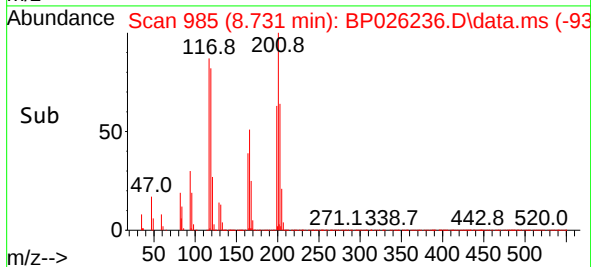
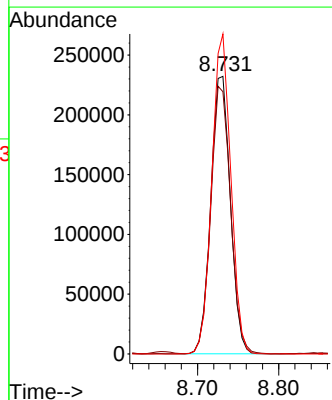
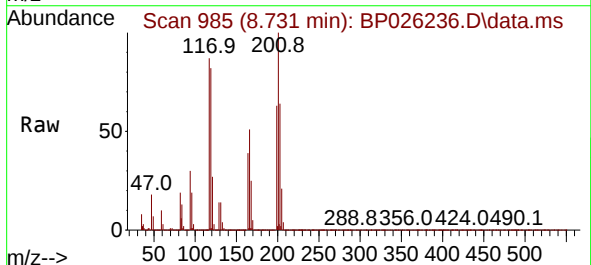


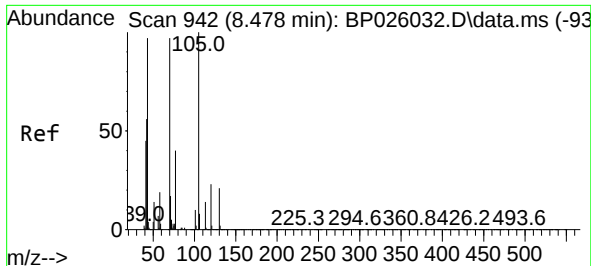
Tgt Ion:107 Resp: 818204
Ion Ratio Lower Upper
107 100
108 110.6 89.7 134.5
77 42.1 33.9 50.9
79 42.1 33.0 49.4



#18
Hexachloroethane
Concen: 44.379 ng
RT: 8.731 min Scan# 985
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:117 Resp: 389641
Ion Ratio Lower Upper
117 100
119 94.5 78.7 118.1
201 115.2 85.1 127.7

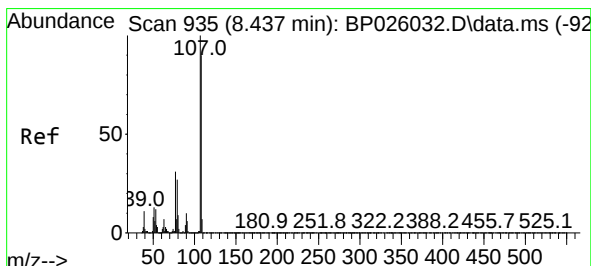
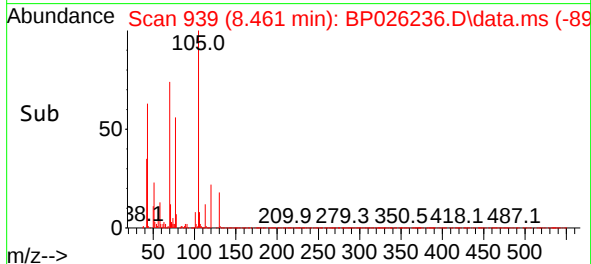
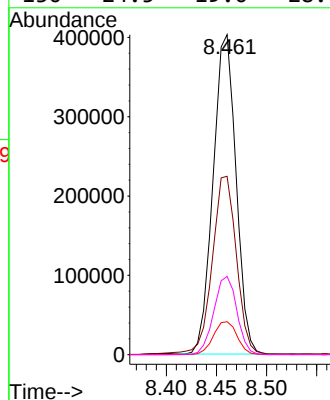
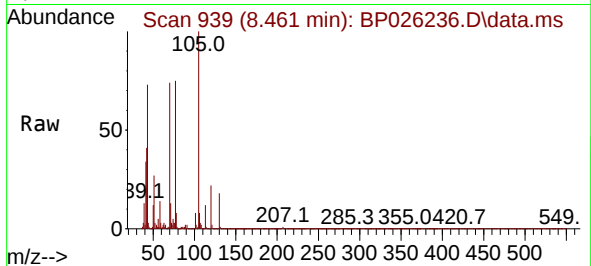




#19
n-Nitroso-di-n-propylamine
Concen: 41.468 ng
RT: 8.461 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

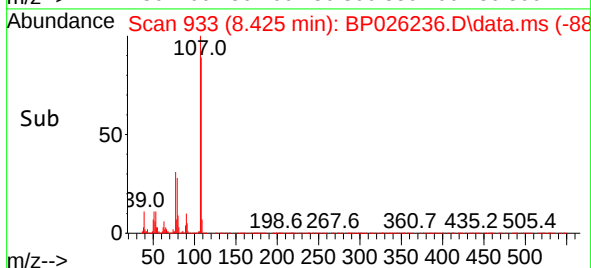
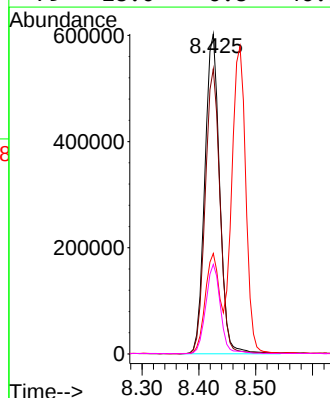
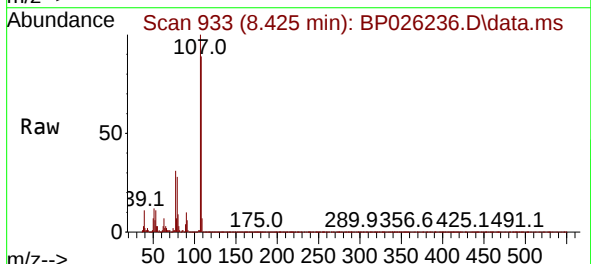
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

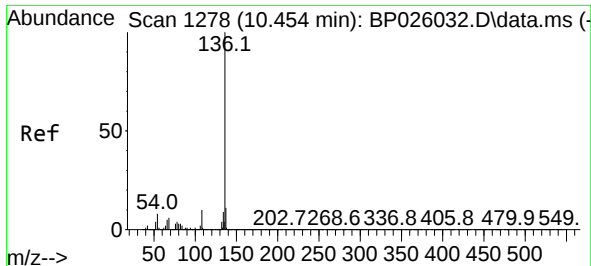
Tgt Ion: 70 Resp: 640443
Ion Ratio Lower Upper
70 100
42 55.8 44.1 66.1
101 10.3 8.2 12.4
130 24.5 19.0 28.4



#20
3+4-Methylphenols
Concen: 43.094 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion: 107 Resp: 1088661
Ion Ratio Lower Upper
107 100
108 89.1 68.9 108.9
77 31.4 10.4 50.4
79 28.0 6.8 46.8



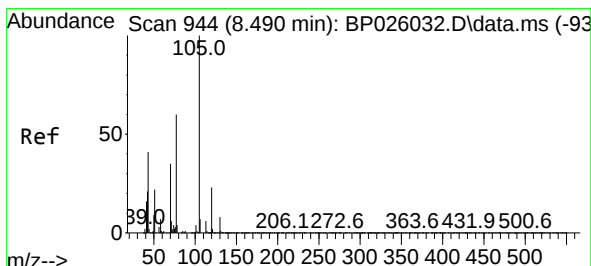
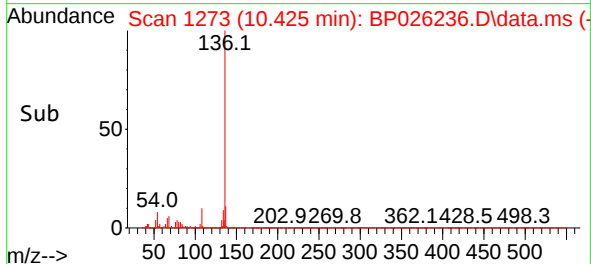
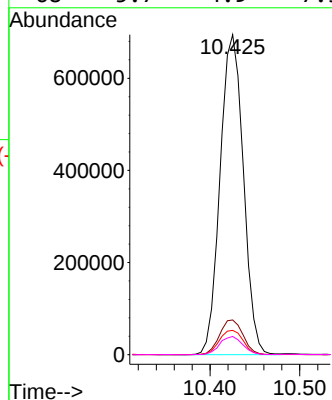
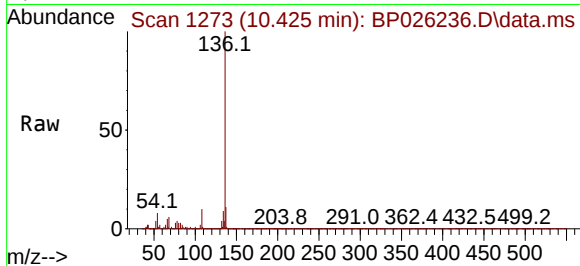


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

Tgt Ion:136 Resp: 1249991

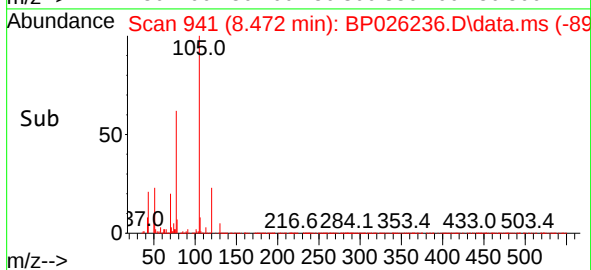
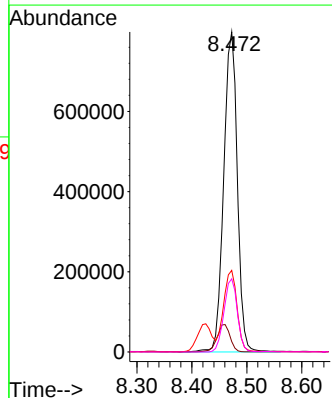
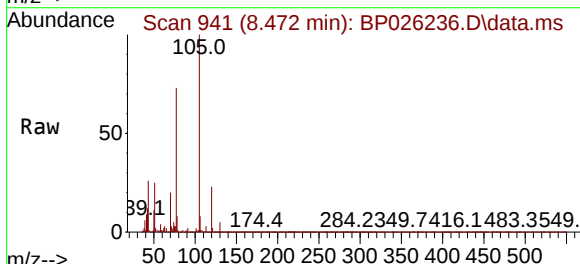
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.4	9.6
68	5.7	4.9	7.3

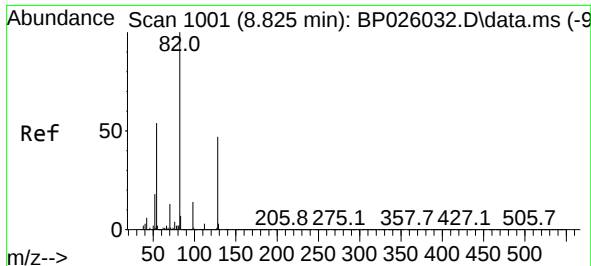


#22
Acetophenone
Concen: 43.137 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:105 Resp: 1370538

Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.0	4.4
51	25.5	20.5	30.7
120	22.9	18.2	27.2

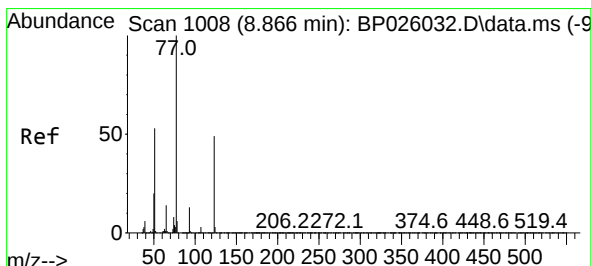
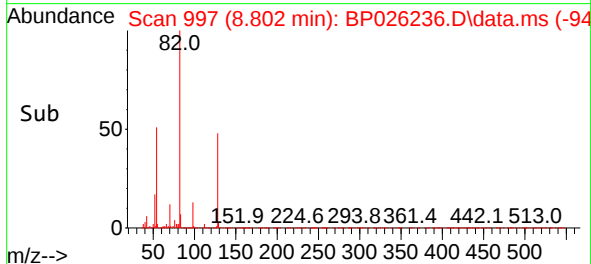
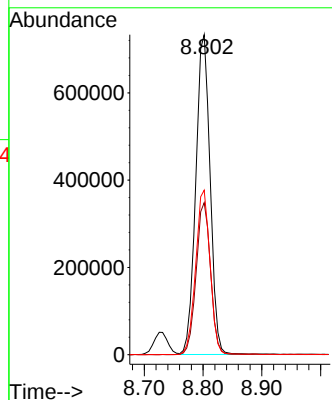
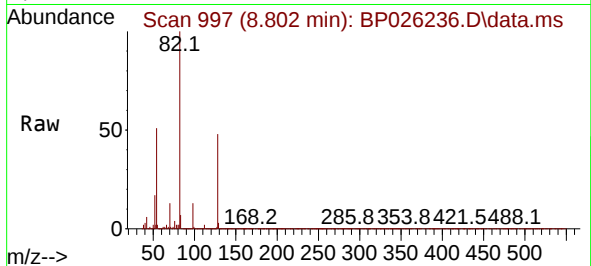




#23
Nitrobenzene-d5
Concen: 56.406 ng
RT: 8.802 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

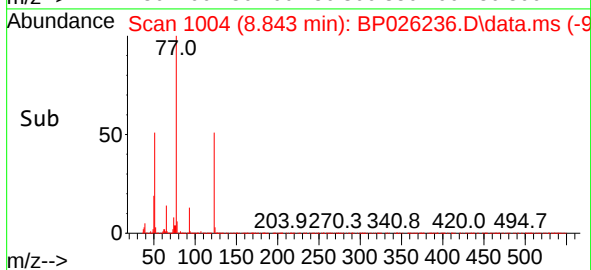
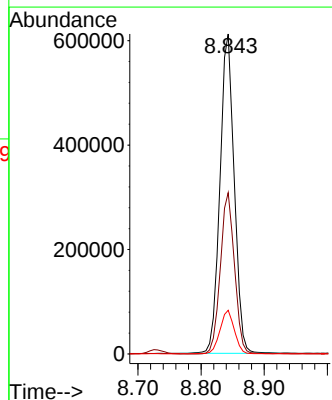
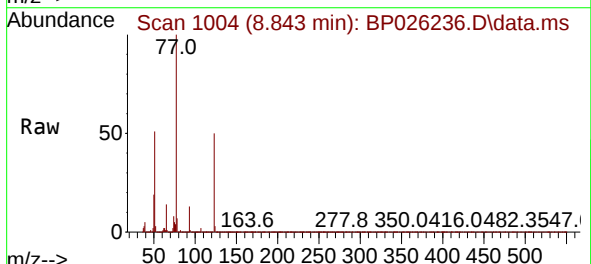
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

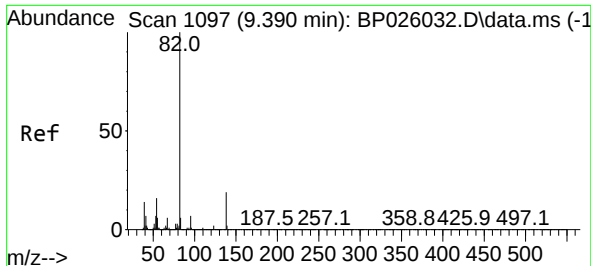
Tgt Ion: 82 Resp: 1241260
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.4 41.6 62.4



#24
Nitrobenzene
Concen: 43.279 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion: 77 Resp: 963384
Ion Ratio Lower Upper
77 100
123 50.4 39.8 59.8
65 13.7 11.2 16.8

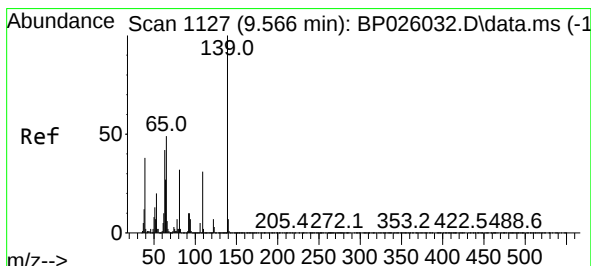
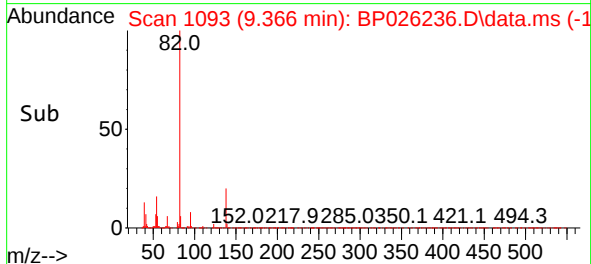
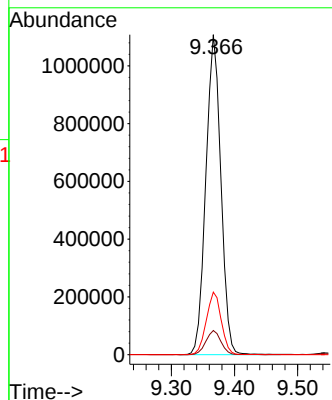
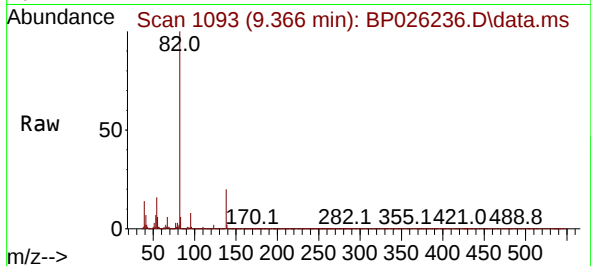




#25
Isophorone
Concen: 41.908 ng
RT: 9.366 min Scan# 1093
Delta R.T. -0.017 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

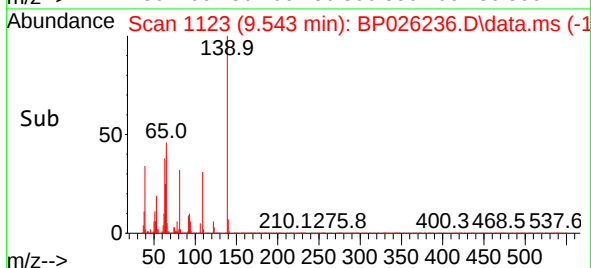
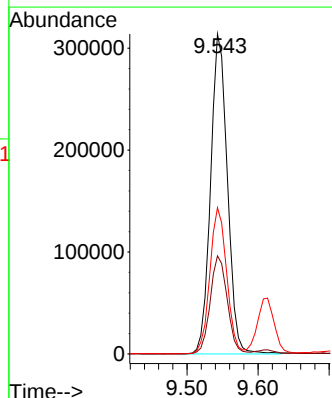
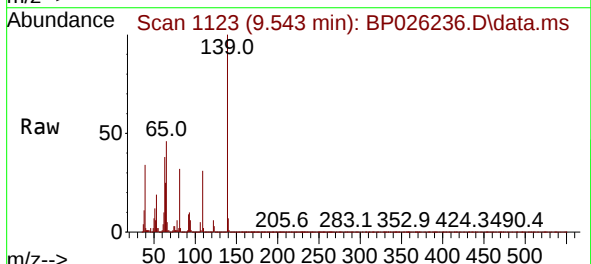
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

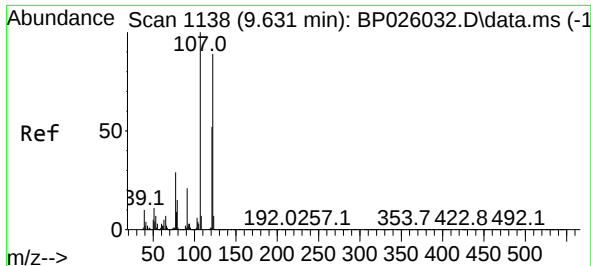
Tgt Ion: 82 Resp: 1828275
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.0
138 19.5 15.4 23.0



#26
2-Nitrophenol
Concen: 45.871 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.017 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion: 139 Resp: 516683
Ion Ratio Lower Upper
139 100
109 30.7 22.3 33.5
65 45.7 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 44.903 ng

RT: 9.613 min Scan# 1135

Delta R.T. -0.011 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

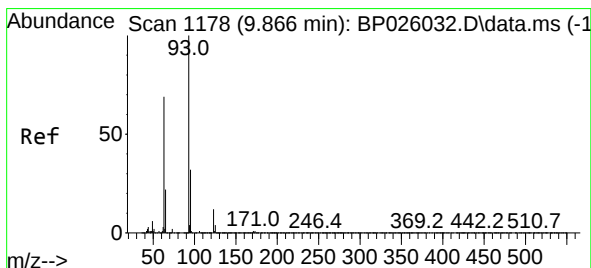
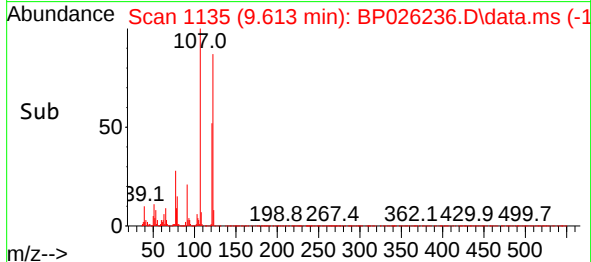
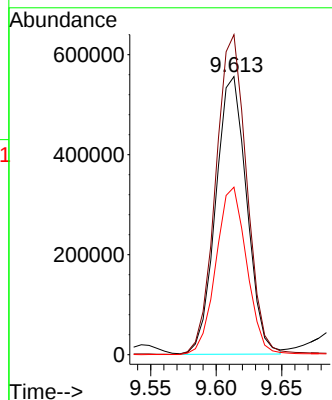
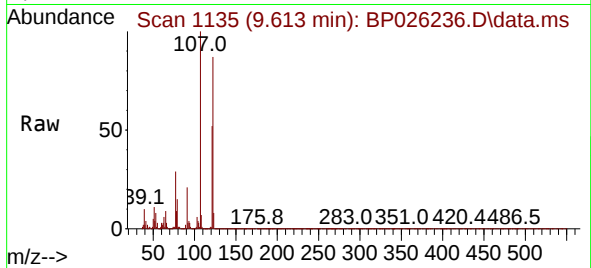
Tgt Ion:122 Resp: 912013

Ion Ratio Lower Upper

122 100

107 115.1 91.0 136.6

121 60.2 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.364 ng

RT: 9.843 min Scan# 1174

Delta R.T. -0.017 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

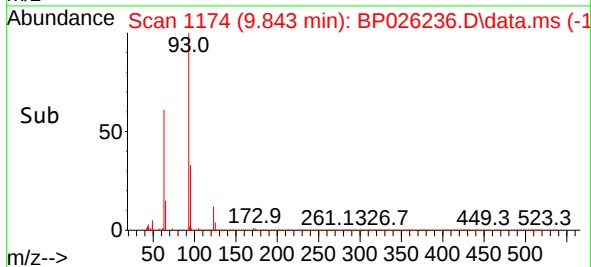
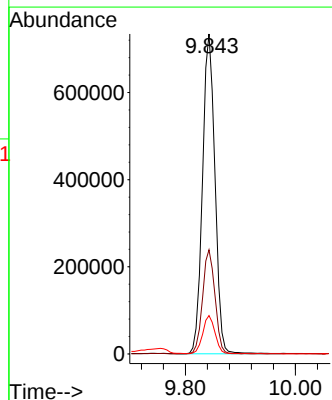
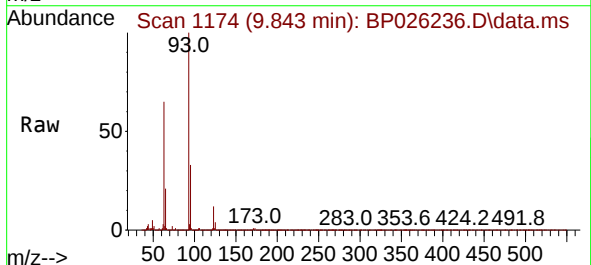
Tgt Ion: 93 Resp: 1157496

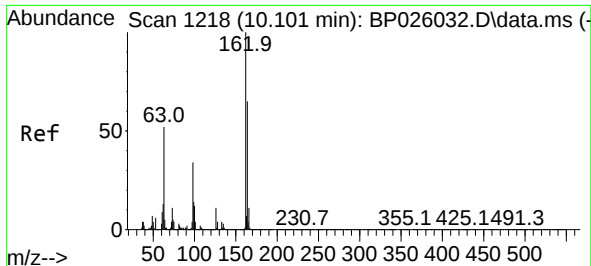
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.0 9.4 14.0

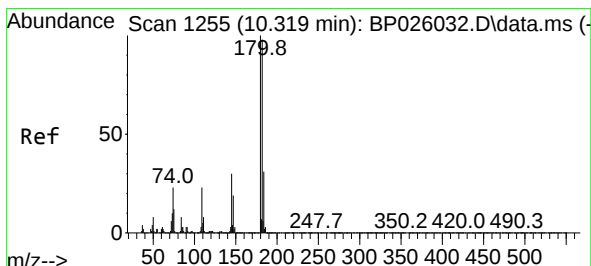
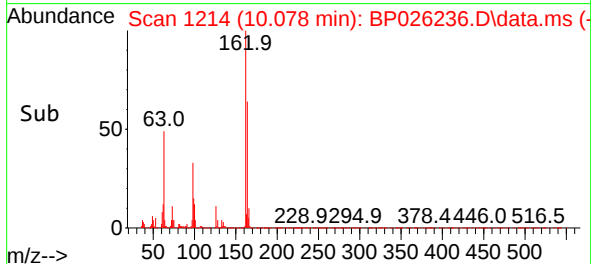
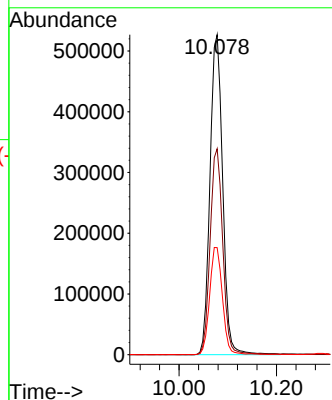
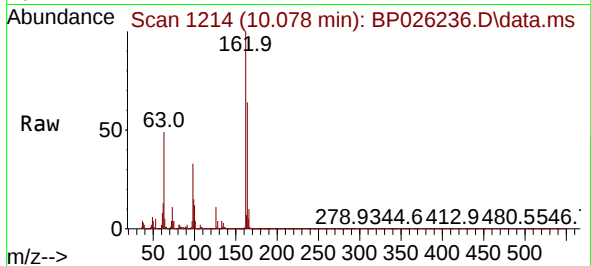




#29
2,4-Dichlorophenol
Concen: 46.768 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

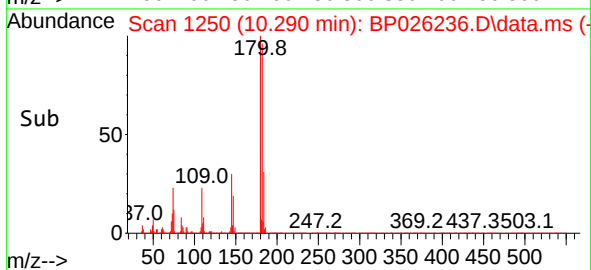
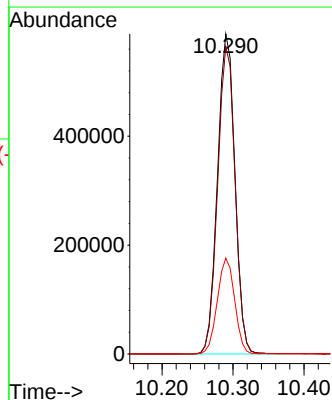
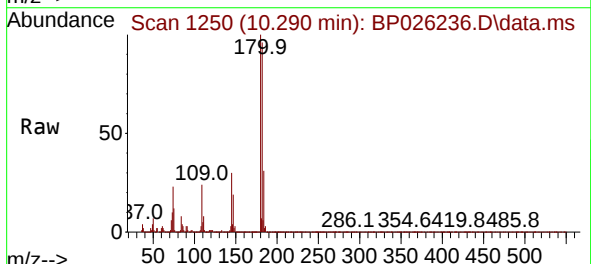
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

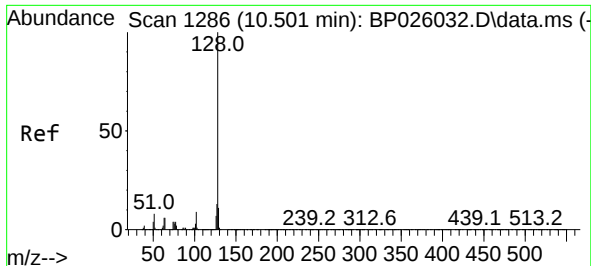
Tgt Ion:162 Resp: 949384
Ion Ratio Lower Upper
162 100
164 64.3 43.8 83.8
98 33.4 14.1 54.1



#30
1,2,4-Trichlorobenzene
Concen: 48.325 ng
RT: 10.290 min Scan# 1250
Delta R.T. -0.017 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:180 Resp: 998954
Ion Ratio Lower Upper
180 100
182 96.1 78.1 117.1
145 29.9 24.2 36.4

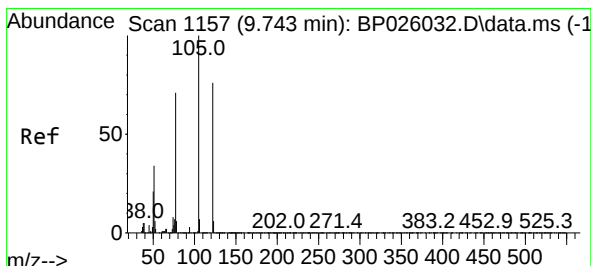
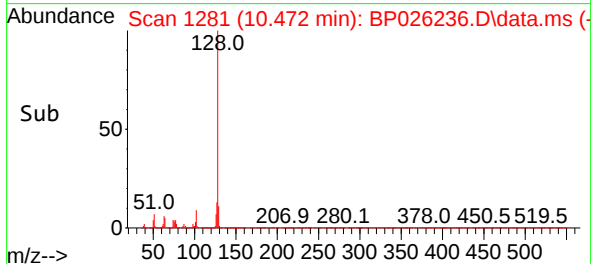
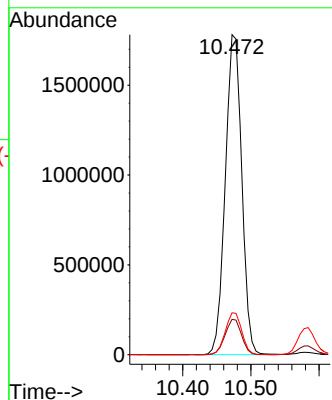
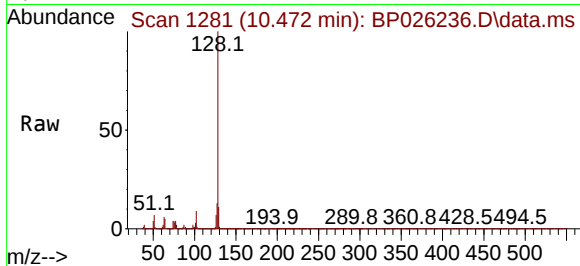




#31
Naphthalene
Concen: 44.379 ng
RT: 10.472 min Scan# 1119
Delta R.T. -0.023 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

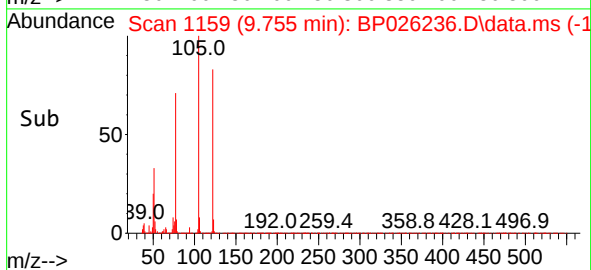
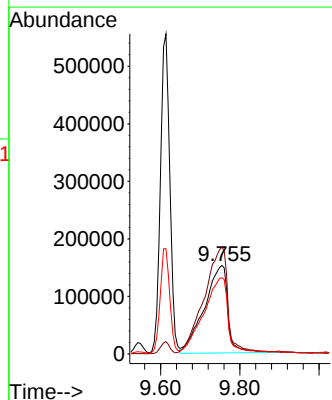
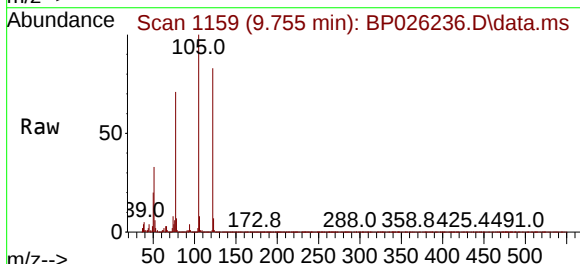
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

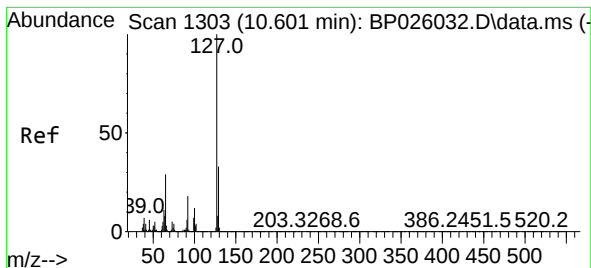
Tgt Ion:128 Resp: 2998003
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 36.752 ng
RT: 9.755 min Scan# 1159
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:122 Resp: 628601
Ion Ratio Lower Upper
122 100
105 120.5 100.1 140.1
77 85.9 66.7 106.7





#33

4-Chloroaniline

Concen: 9.576 ng

RT: 10.584 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

Tgt Ion:127 Resp: 275102

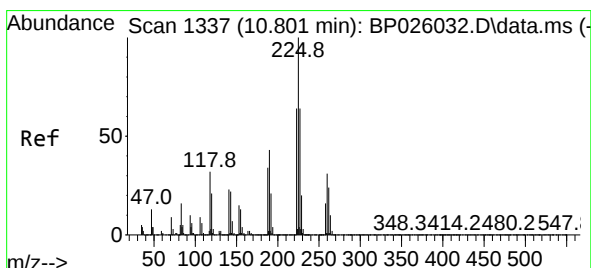
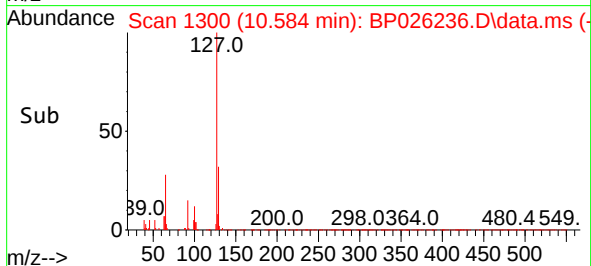
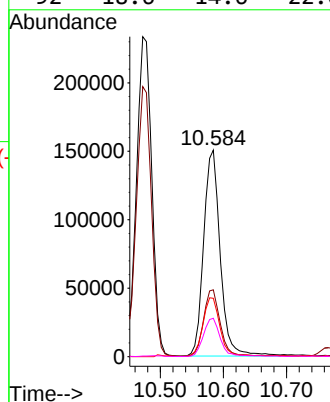
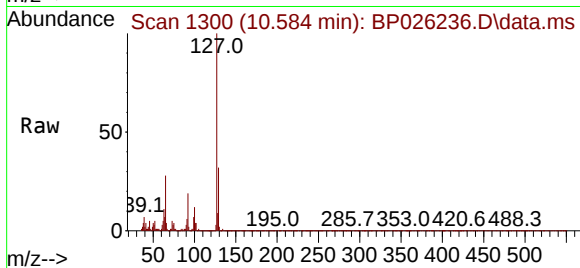
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 28.2 22.7 34.1

92 18.6 14.6 22.0



#34

Hexachlorobutadiene

Concen: 47.521 ng

RT: 10.766 min Scan# 1331

Delta R.T. -0.029 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

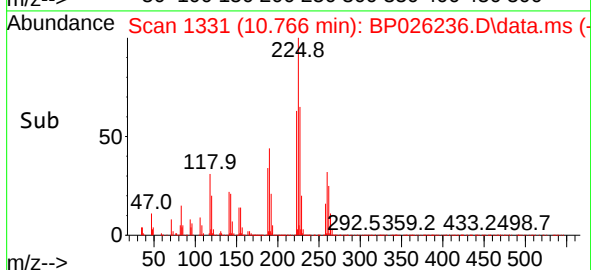
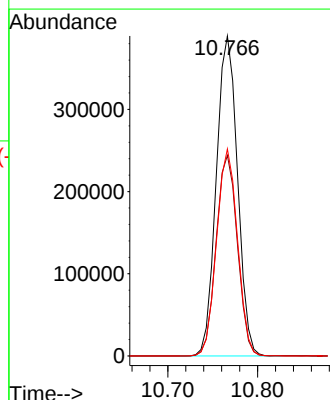
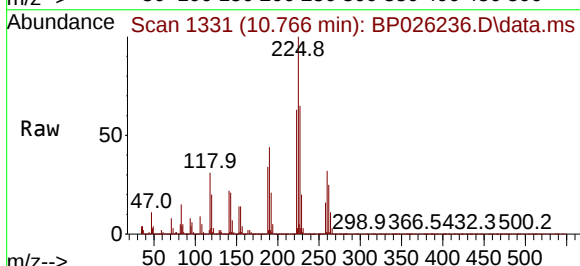
Tgt Ion:225 Resp: 638885

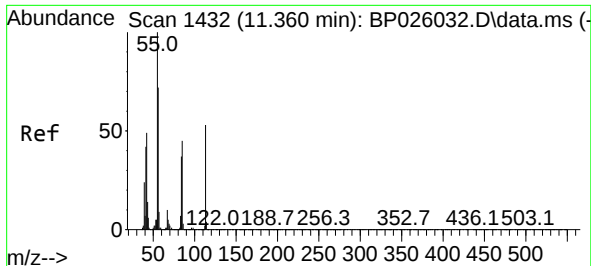
Ion Ratio Lower Upper

225 100

223 62.7 49.6 74.4

227 64.7 51.2 76.8

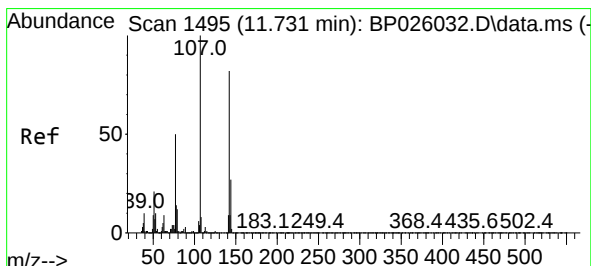
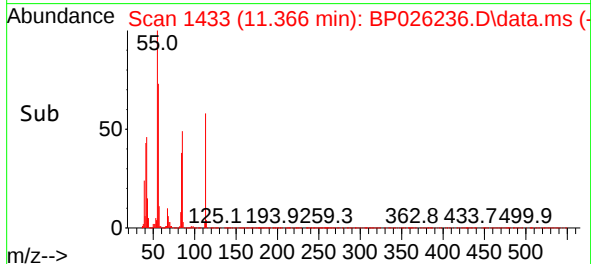
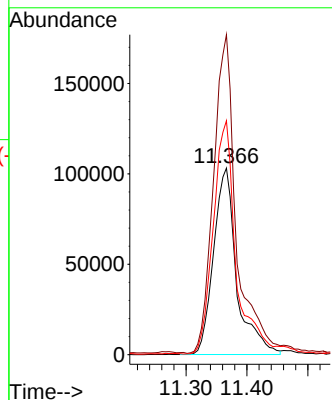
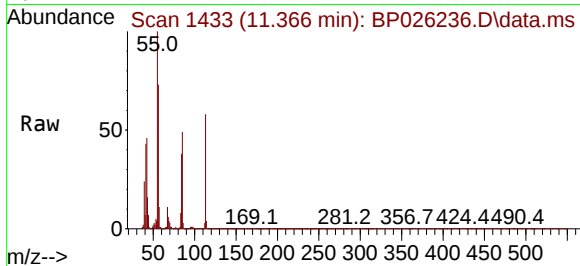




#35
Caprolactam
Concen: 37.449 ng
RT: 11.366 min Scan# 1432
Delta R.T. -0.011 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

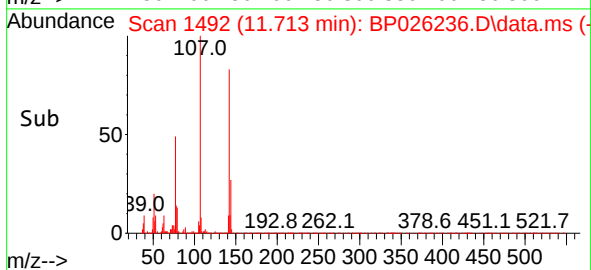
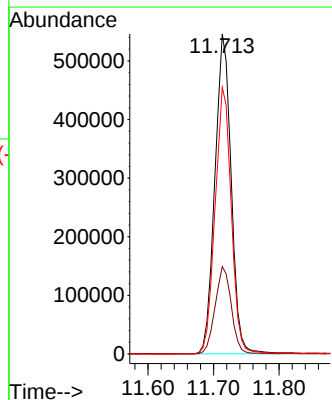
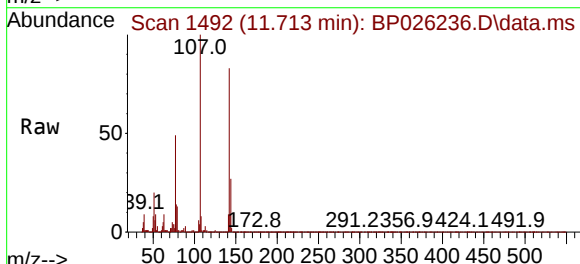
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

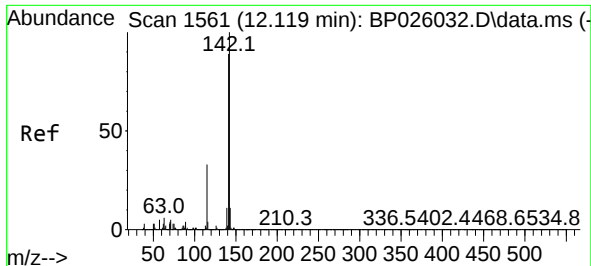
Tgt Ion:113 Resp: 272218
Ion Ratio Lower Upper
113 100
55 171.5 153.0 193.0
56 125.4 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 43.481 ng
RT: 11.713 min Scan# 1492
Delta R.T. -0.017 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:107 Resp: 938148
Ion Ratio Lower Upper
107 100
144 27.3 21.6 32.4
142 83.3 65.6 98.4

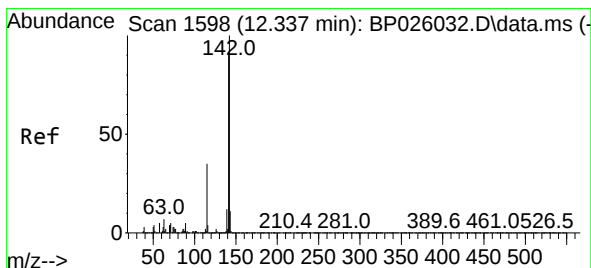
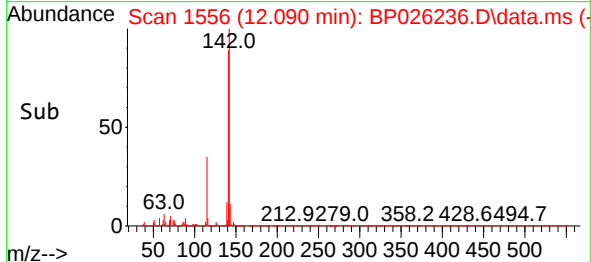
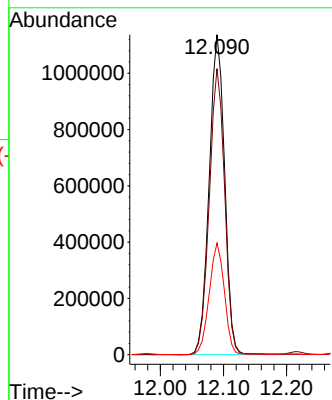
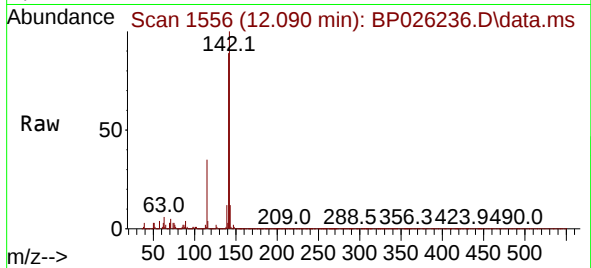




#37
2-Methylnaphthalene
Concen: 40.306 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

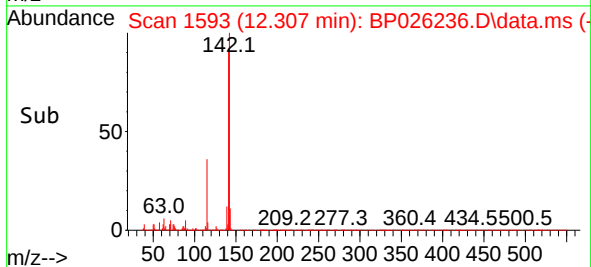
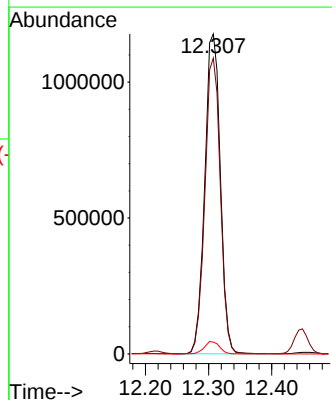
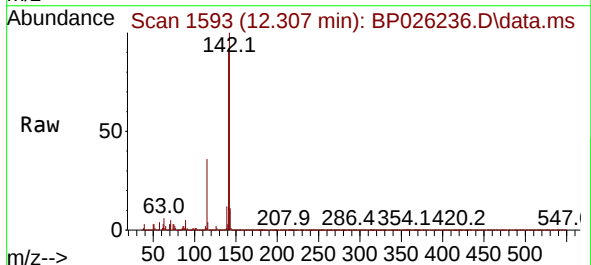
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

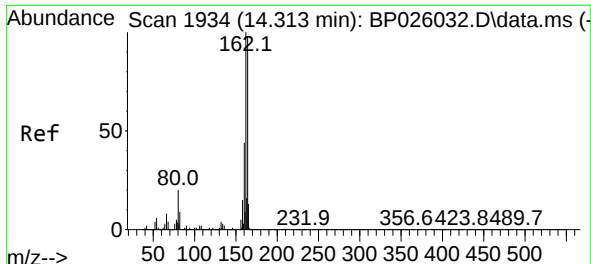
Tgt Ion:142 Resp: 1930370
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 34.8 26.6 39.8



#38
1-Methylnaphthalene
Concen: 42.938 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:142 Resp: 2010001
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3
116 3.7 3.0 4.4

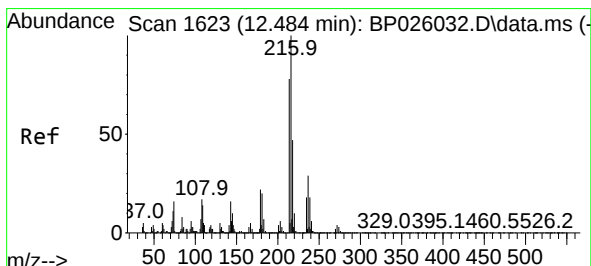
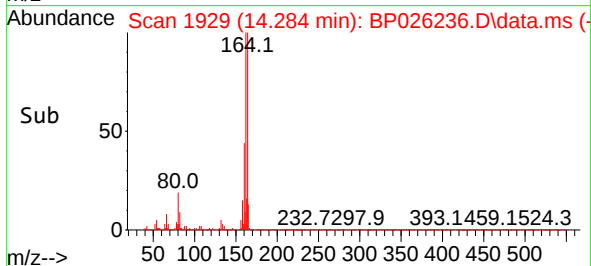
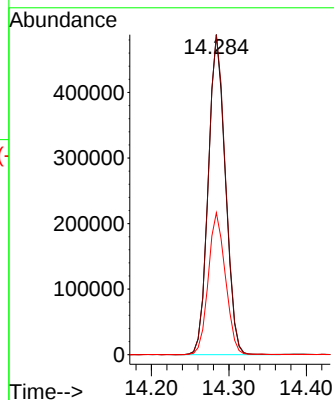
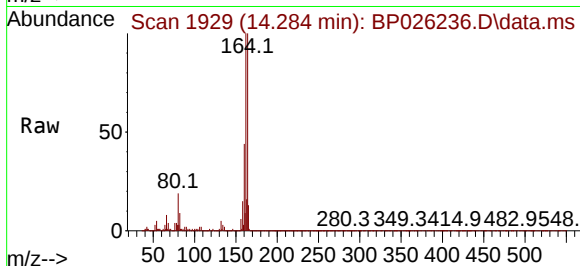




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1934
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

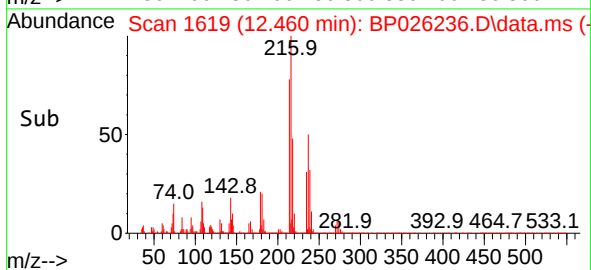
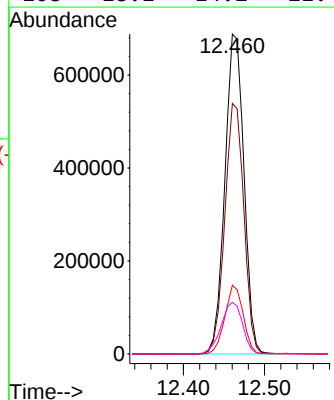
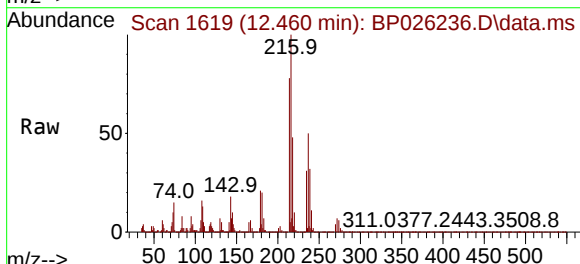
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

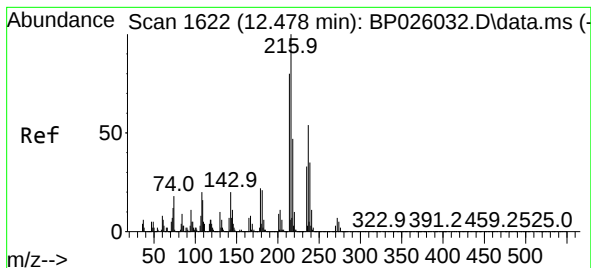
Tgt Ion:164 Resp: 745833
Ion Ratio Lower Upper
164 100
162 100.0 80.3 120.5
160 44.3 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.851 ng
RT: 12.460 min Scan# 1619
Delta R.T. -0.029 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:216 Resp: 1124250
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 20.6 16.6 25.0
108 18.1 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 83.255 ng

RT: 12.449 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

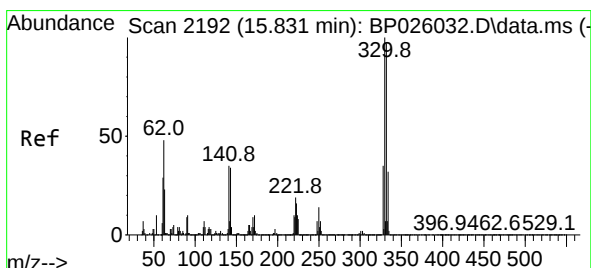
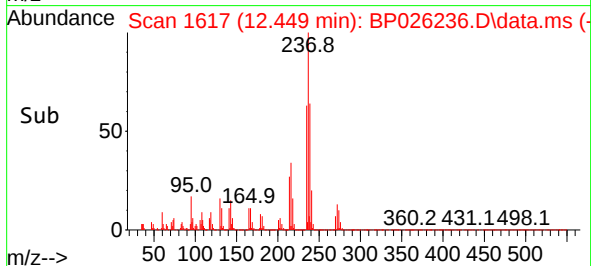
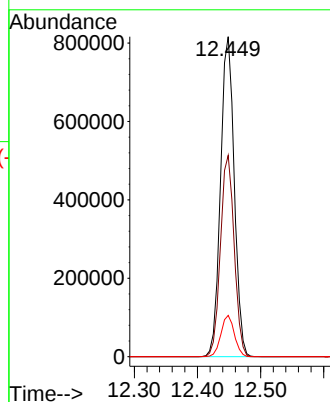
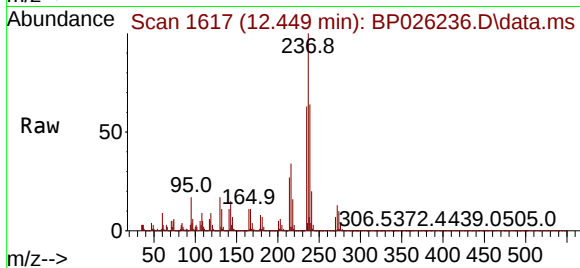
Tgt Ion:237 Resp: 1228806

Ion Ratio Lower Upper

237 100

235 62.9 43.3 83.3

272 12.9 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 50.774 ng

RT: 15.795 min Scan# 2186

Delta R.T. -0.041 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

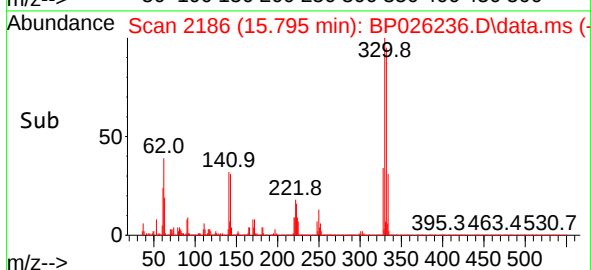
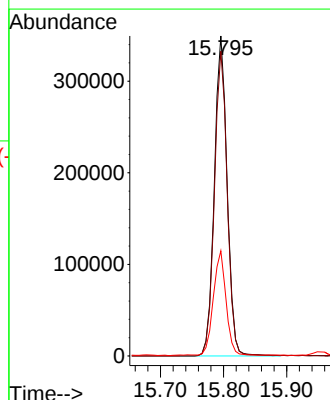
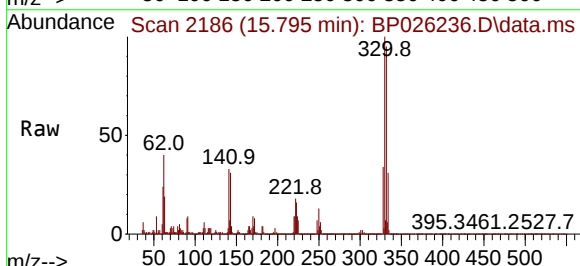
Tgt Ion:330 Resp: 491250

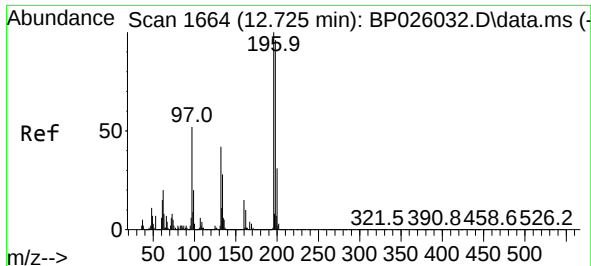
Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

141 32.0 26.8 40.2

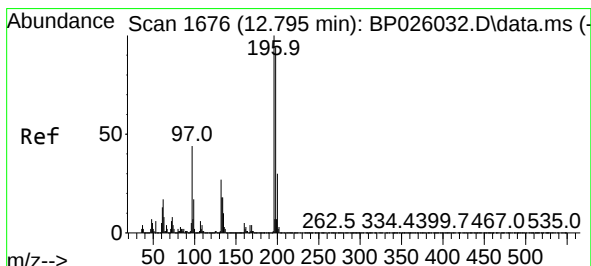
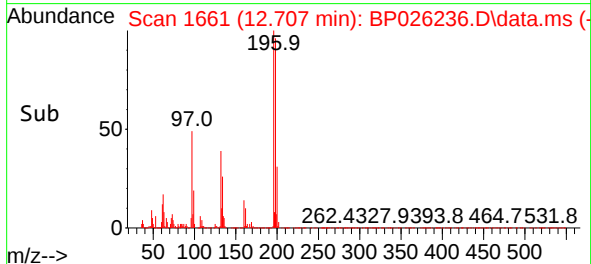
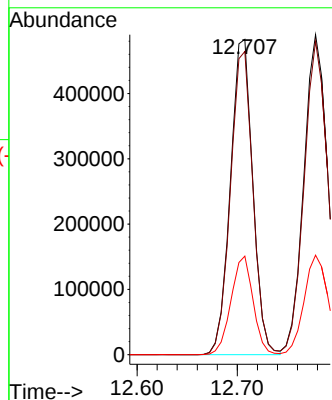
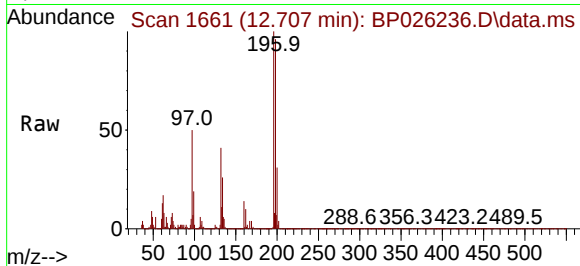




#43
2,4,6-Trichlorophenol
Concen: 48.548 ng
RT: 12.707 min Scan# 1661
Delta R.T. -0.017 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

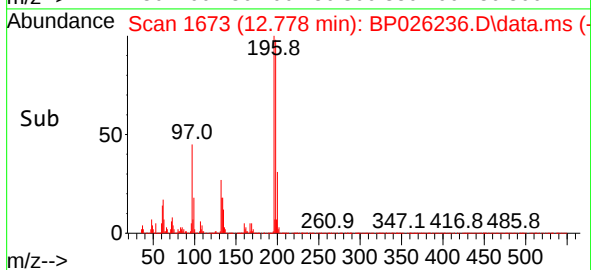
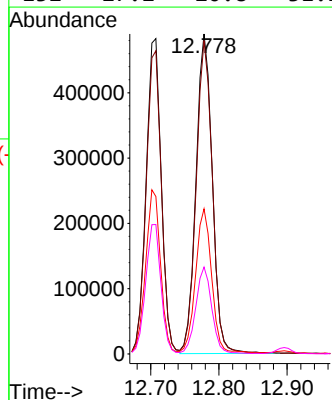
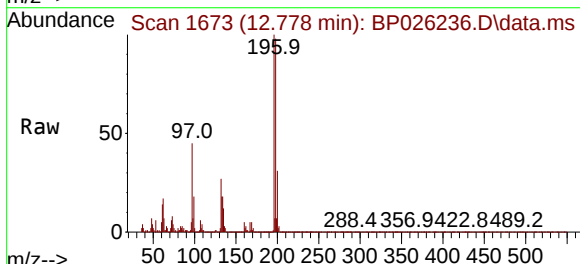
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

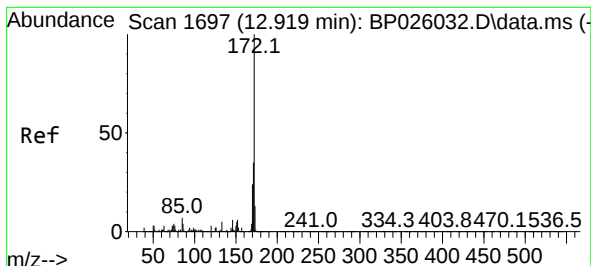
Tgt Ion:196 Resp: 750595
Ion Ratio Lower Upper
196 100
198 96.1 76.9 115.3
200 31.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 47.241 ng
RT: 12.778 min Scan# 1673
Delta R.T. -0.023 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:196 Resp: 815293
Ion Ratio Lower Upper
196 100
198 97.9 76.4 114.6
97 45.4 35.7 53.5
132 27.2 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 60.649 ng

RT: 12.896 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

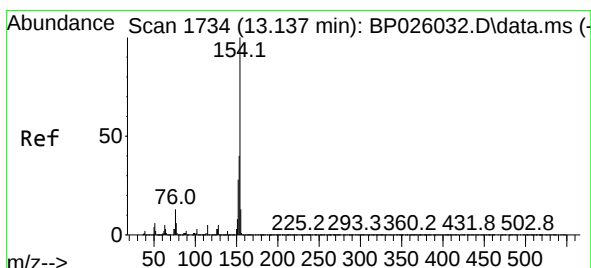
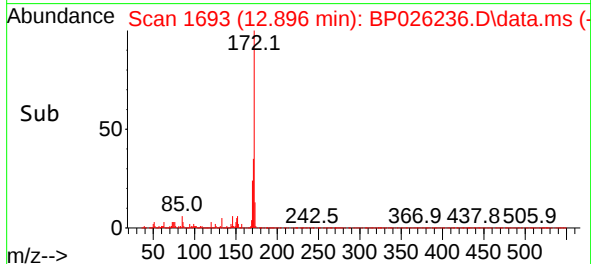
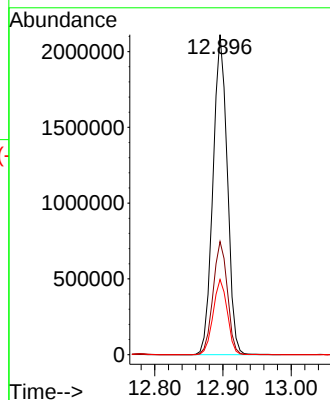
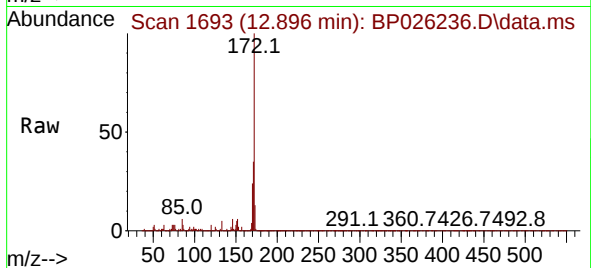
Tgt Ion:172 Resp: 3086393

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 46.603 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.023 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

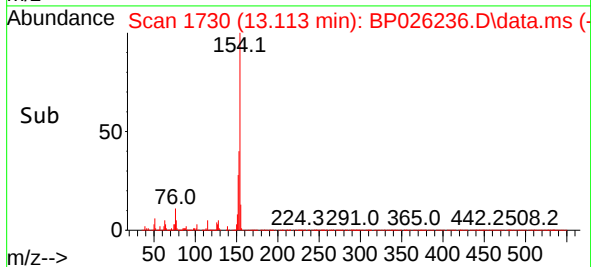
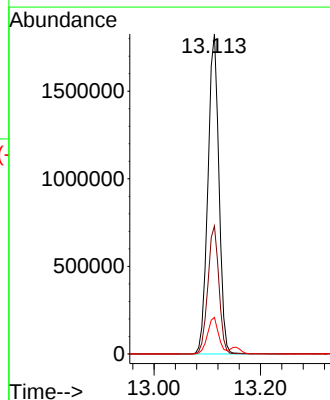
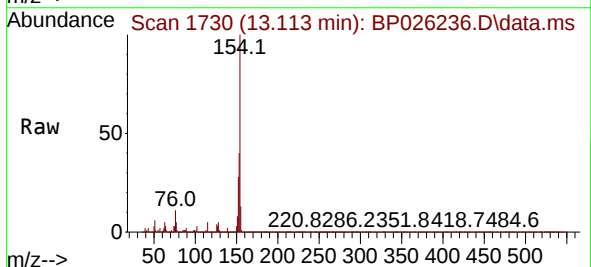
Tgt Ion:154 Resp: 2617261

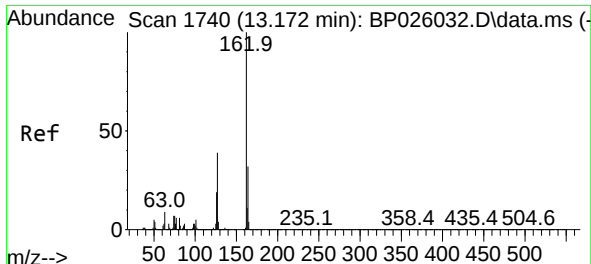
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 11.4 0.0 32.3

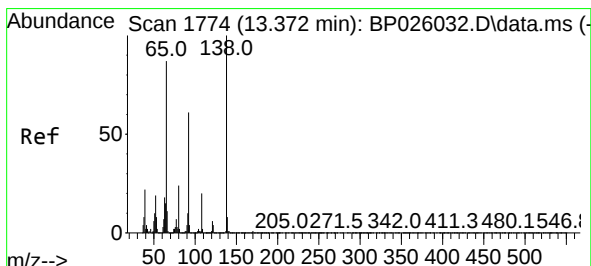
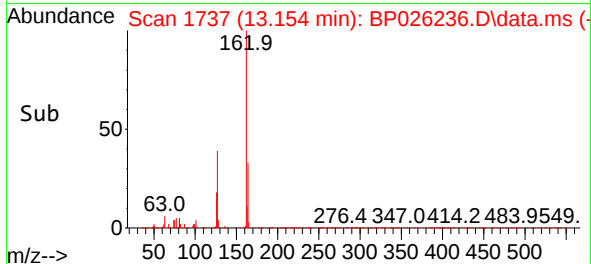
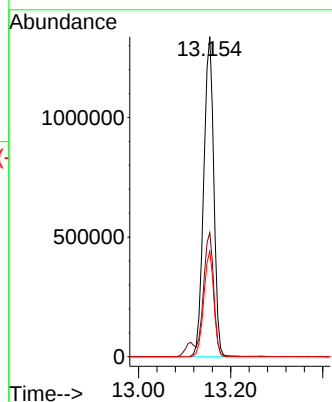
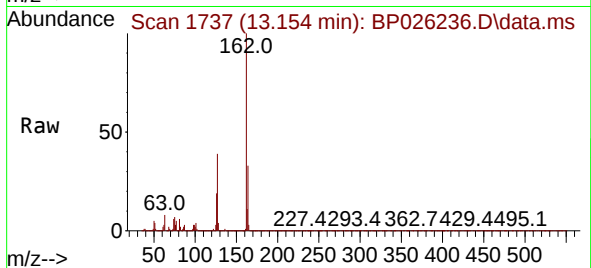




#47
2-Chloronaphthalene
Concen: 46.469 ng
RT: 13.154 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

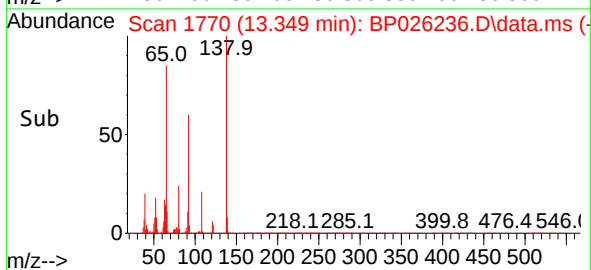
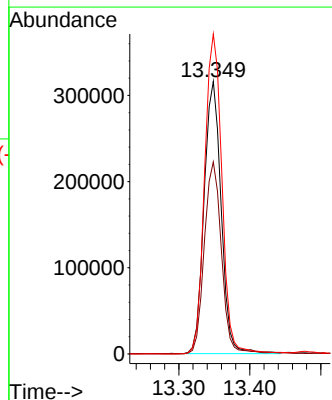
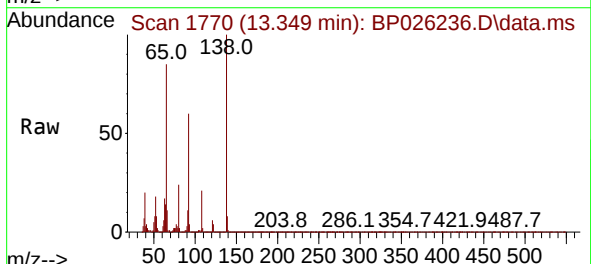
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

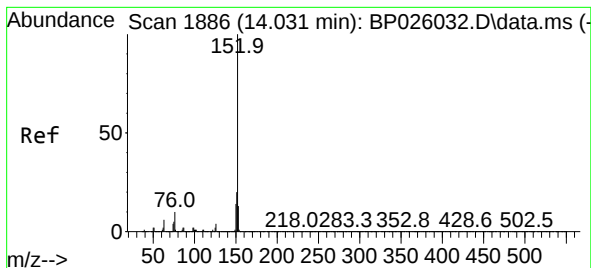
Tgt Ion:162 Resp: 2052189
Ion Ratio Lower Upper
162 100
127 38.8 30.9 46.3
164 32.9 26.4 39.6



#48
2-Nitroaniline
Concen: 43.140 ng
RT: 13.349 min Scan# 1770
Delta R.T. -0.029 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion: 65 Resp: 529793
Ion Ratio Lower Upper
65 100
92 70.4 59.1 88.7
138 117.4 96.6 145.0





#49

Acenaphthylene

Concen: 47.117 ng

RT: 14.001 min Scan# 1881

Delta R.T. -0.035 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

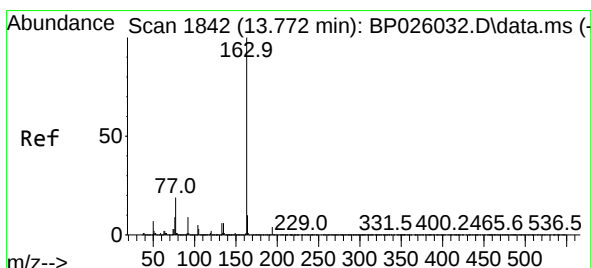
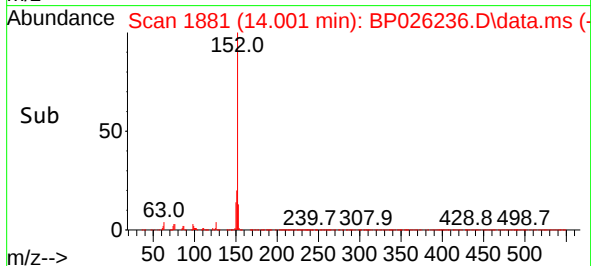
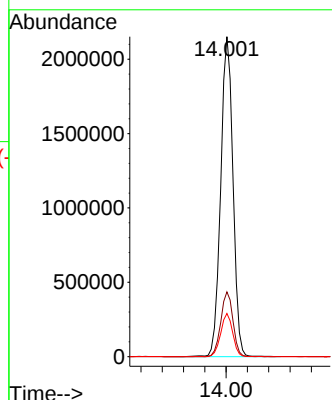
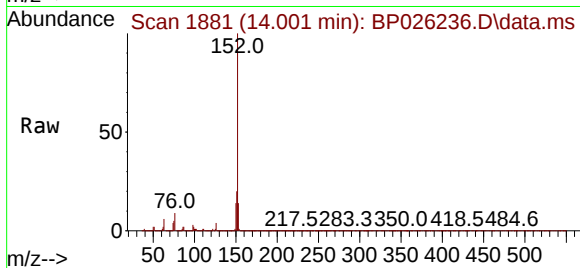
Tgt Ion:152 Resp: 3432258

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 43.957 ng

RT: 13.743 min Scan# 1837

Delta R.T. -0.029 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

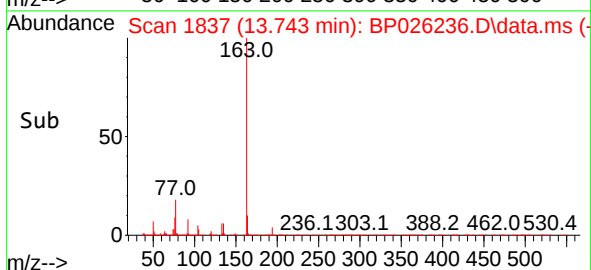
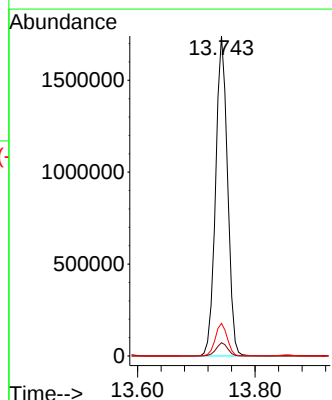
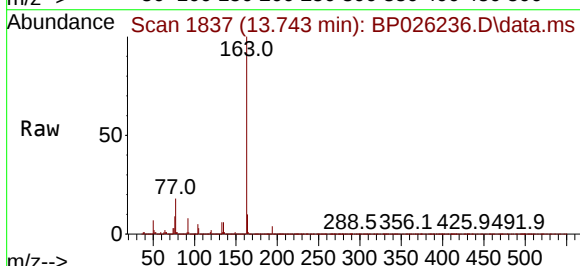
Tgt Ion:163 Resp: 2448681

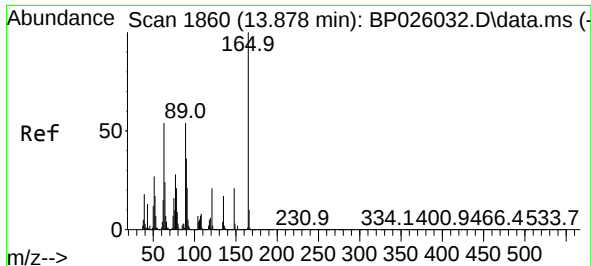
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.2

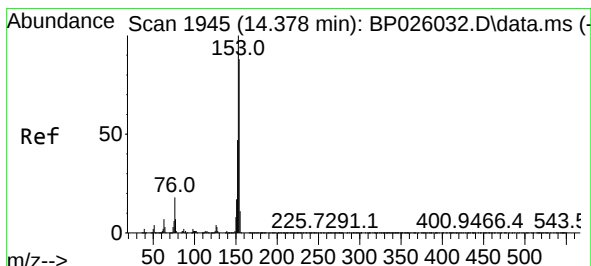
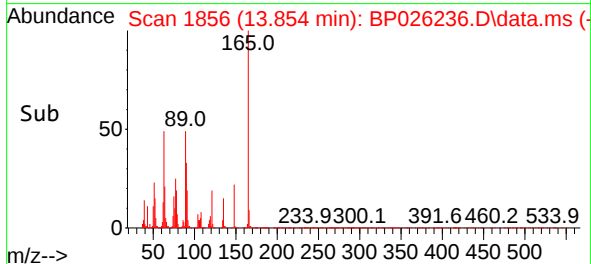
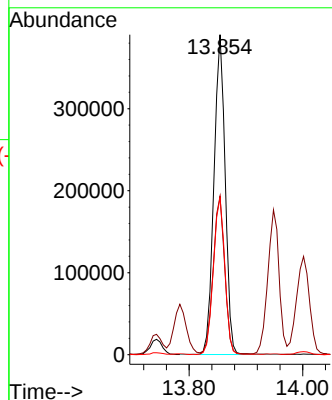
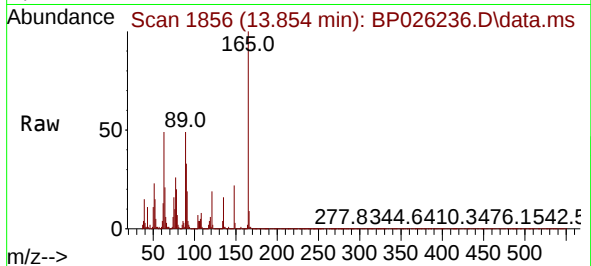




#51
2,6-Dinitrotoluene
Concen: 48.443 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.029 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

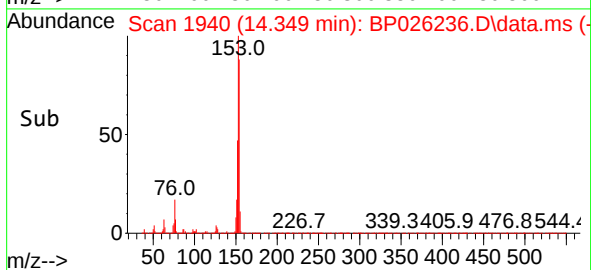
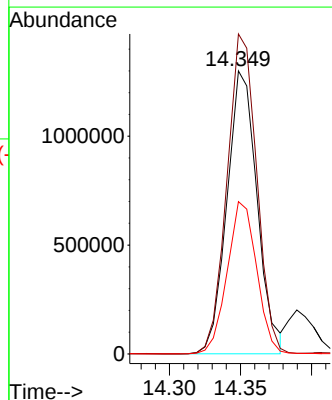
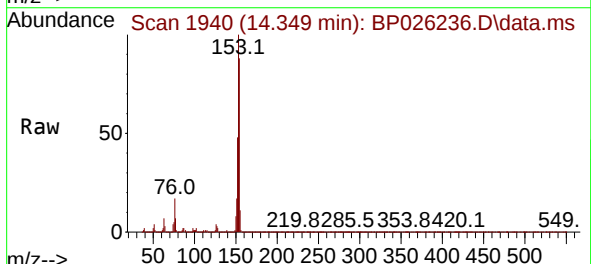
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

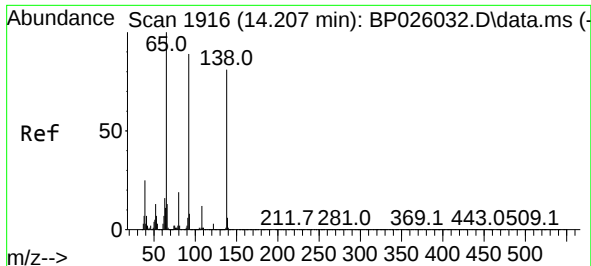
Tgt Ion:165 Resp: 534714
Ion Ratio Lower Upper
165 100
63 49.5 40.5 60.7
89 49.2 41.3 61.9



#52
Acenaphthene
Concen: 45.027 ng
RT: 14.349 min Scan# 1940
Delta R.T. -0.035 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:154 Resp: 1922197
Ion Ratio Lower Upper
154 100
153 113.1 90.7 136.1
152 53.8 42.8 64.2

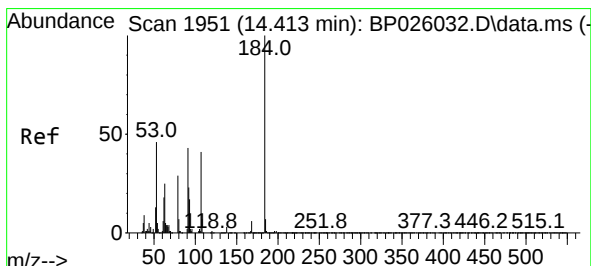
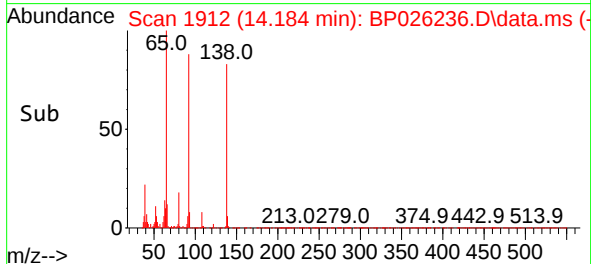
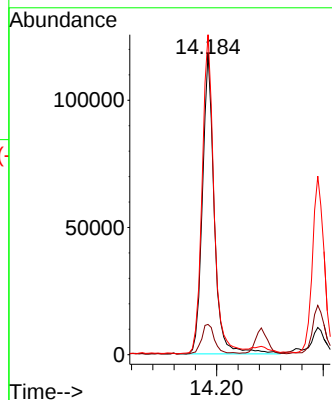
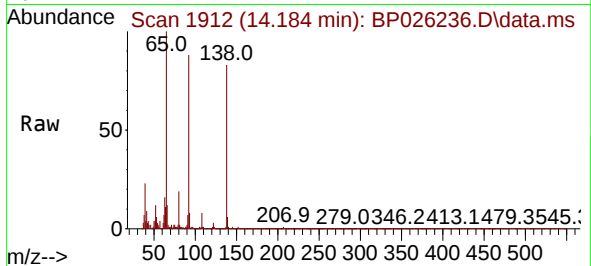




#53
3-Nitroaniline
Concen: 13.912 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.035 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

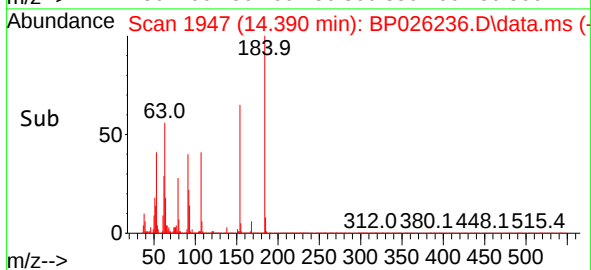
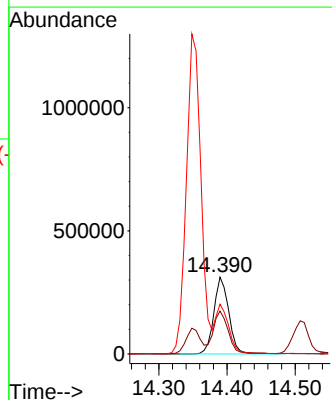
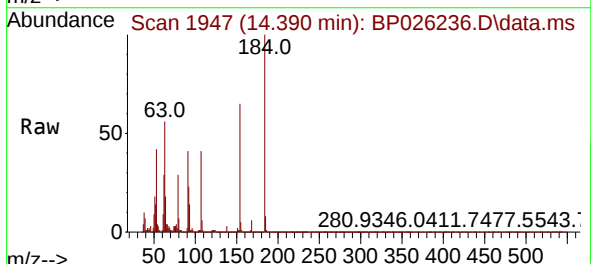
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

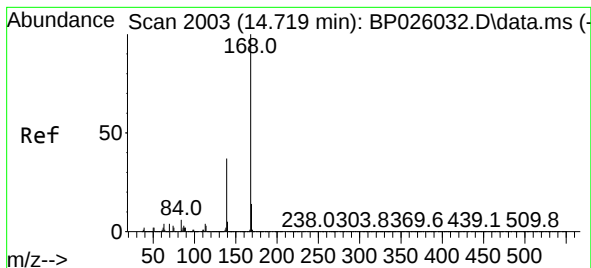
Tgt Ion:138 Resp: 180809
Ion Ratio Lower Upper
138 100
108 10.1 8.9 13.3
92 106.2 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 71.564 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:184 Resp: 476828
Ion Ratio Lower Upper
184 100
63 56.0 43.1 64.7
154 64.9 49.5 74.3

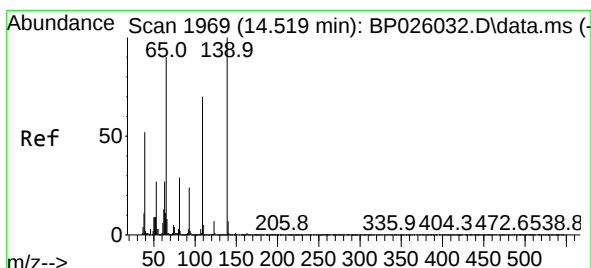
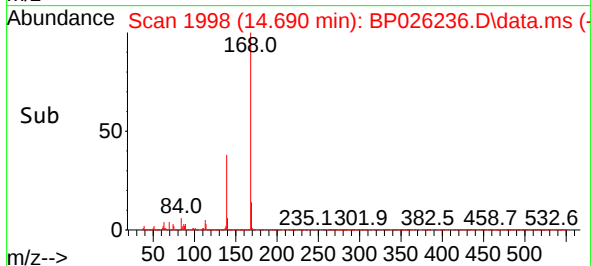
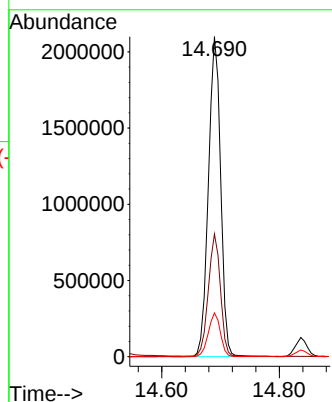
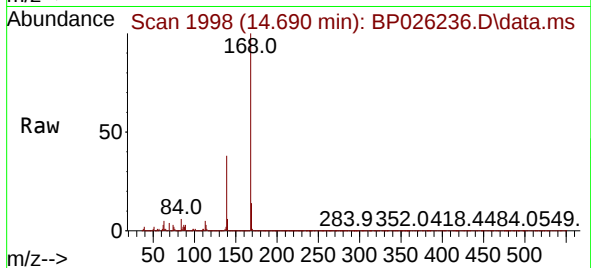




#55
Dibenzenofuran
Concen: 45.741 ng
RT: 14.690 min Scan# 1998
Delta R.T. -0.035 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

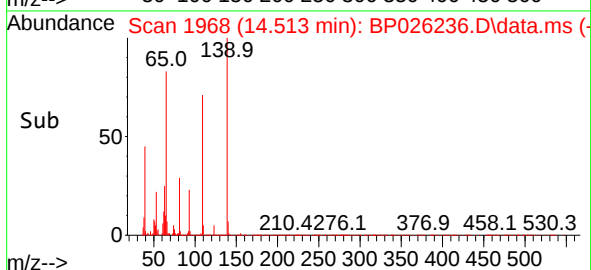
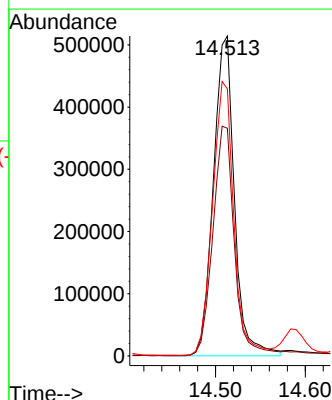
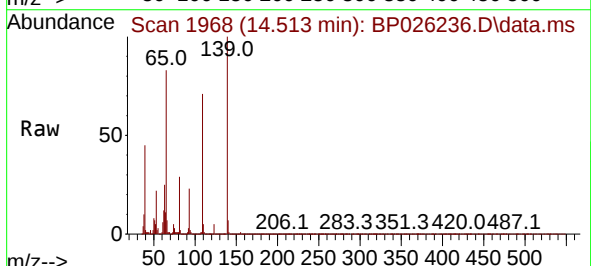
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

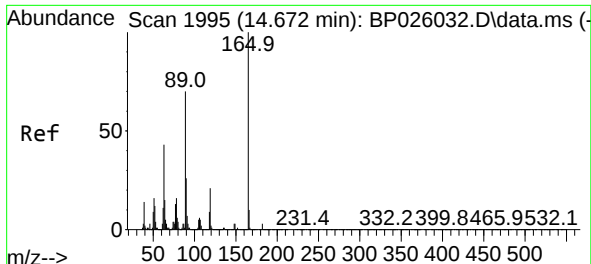
Tgt Ion:168 Resp: 3024370
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 71.334 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:139 Resp: 838681
Ion Ratio Lower Upper
139 100
109 71.2 46.8 86.8
65 83.5 69.3 109.3

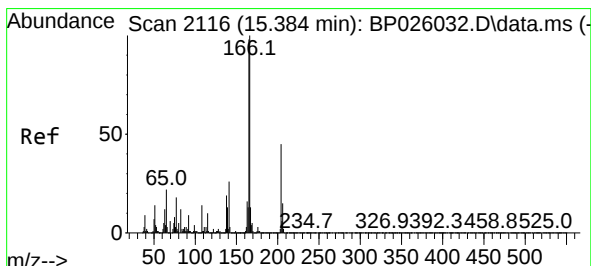
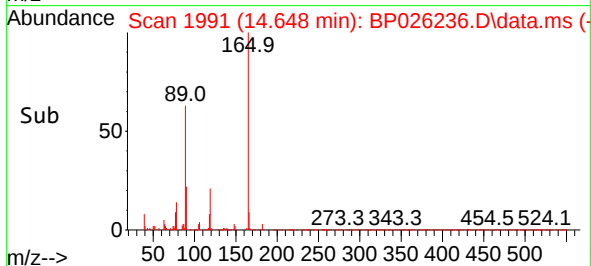
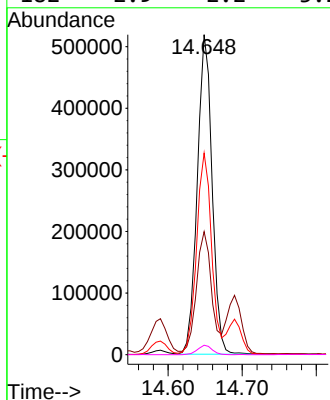
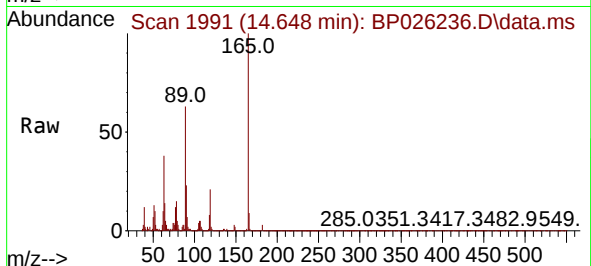




#57
2,4-Dinitrotoluene
Concen: 43.634 ng
RT: 14.648 min Scan# 1991
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

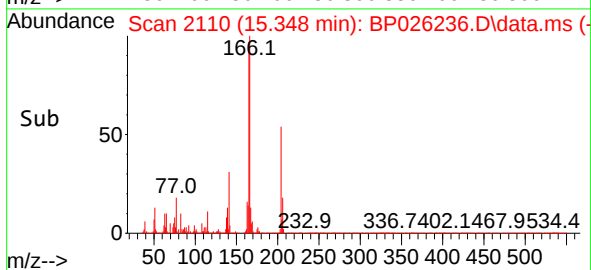
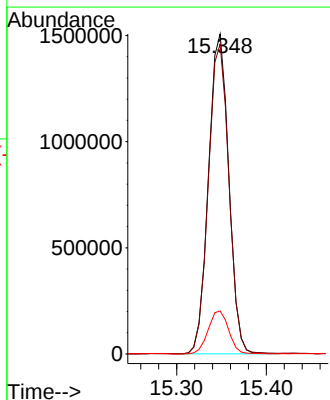
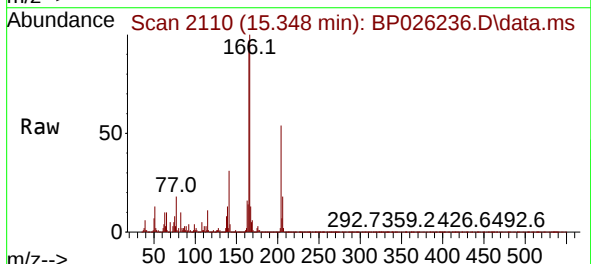
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

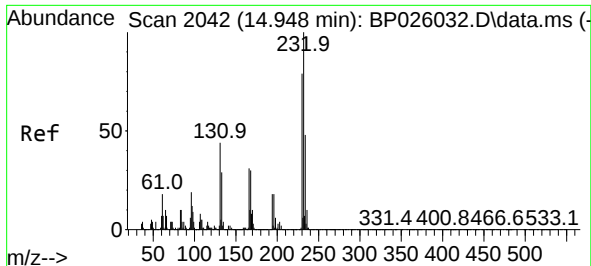
Tgt Ion:165 Resp: 719135
Ion Ratio Lower Upper
165 100
63 38.5 31.0 46.6
89 63.0 51.7 77.5
182 2.9 2.2 3.2



#58
Fluorene
Concen: 45.160 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:166 Resp: 2360135
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 13.4 11.0 16.4

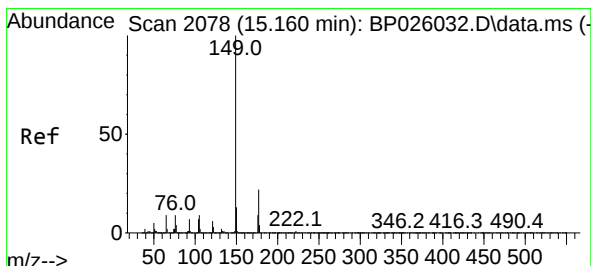
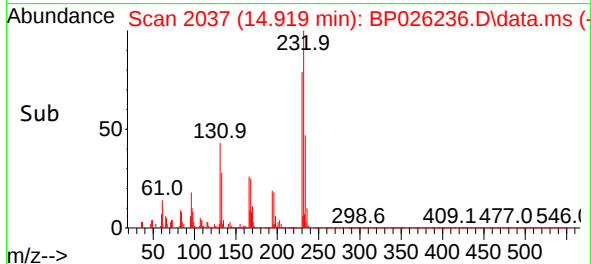
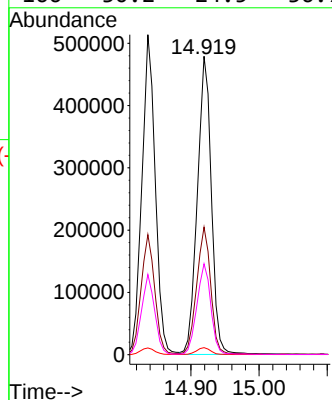
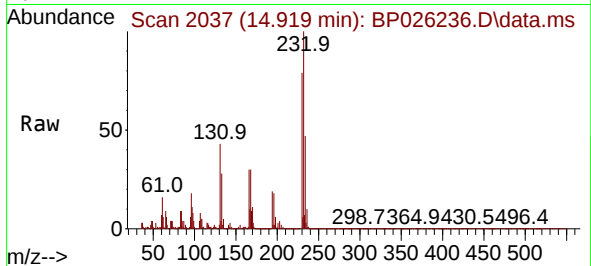




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.690 ng
RT: 14.919 min Scan# 2042
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

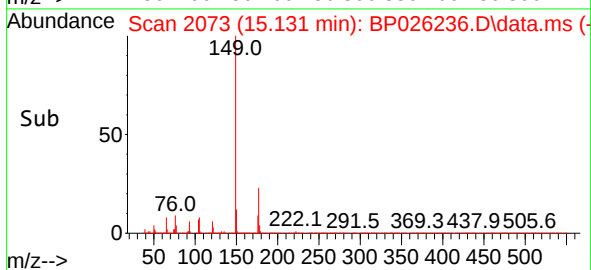
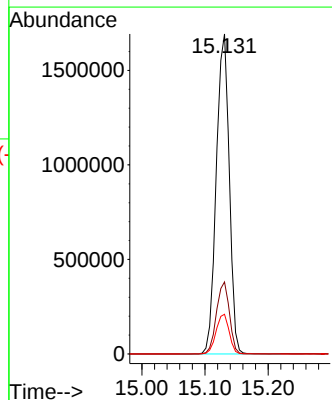
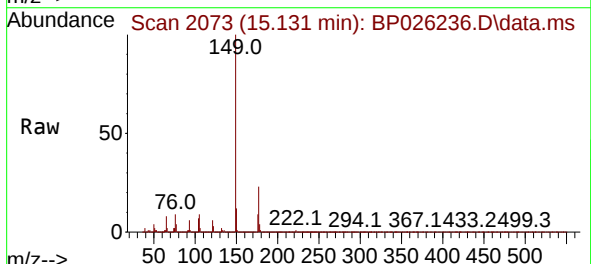
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

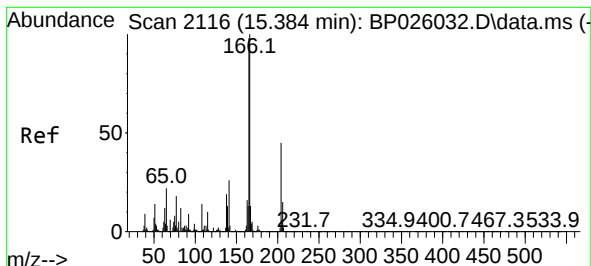
Tgt Ion:232	Resp: 683595
Ion Ratio	Lower Upper
232	100
131	42.9 34.8 52.2
130	2.4 1.8 2.8
166	30.2 24.5 36.7



#60
Diethylphthalate
Concen: 42.927 ng
RT: 15.131 min Scan# 2073
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:149	Resp: 2408887
Ion Ratio	Lower Upper
149	100
177	22.5 17.9 26.9
150	12.4 9.9 14.9

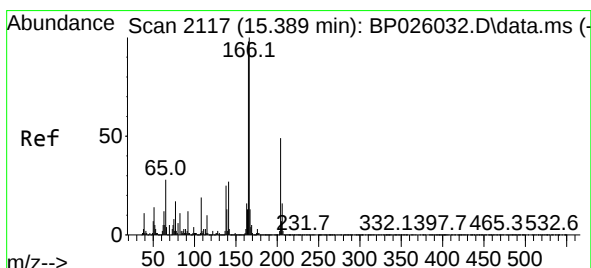
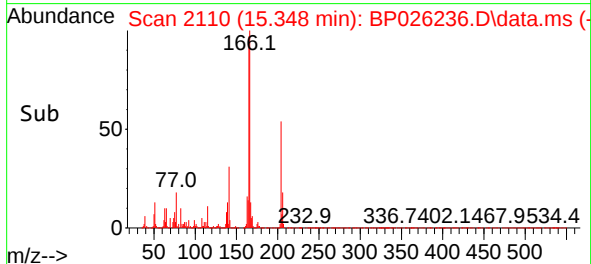
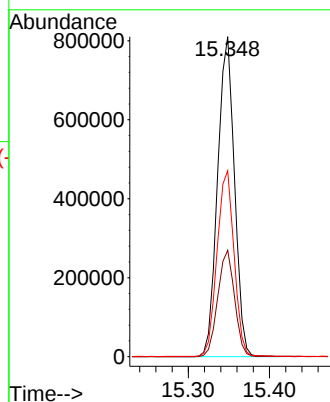
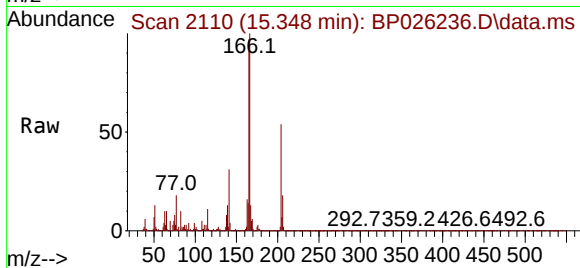




#61
4-Chlorophenyl-phenylether
Concen: 45.080 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

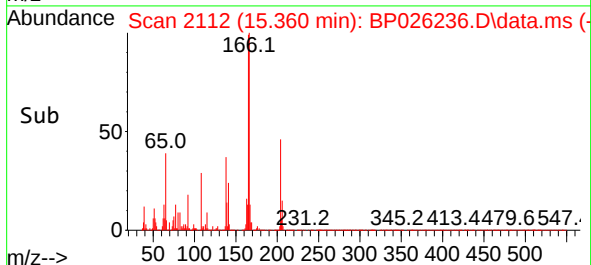
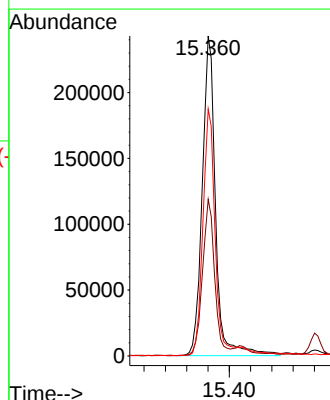
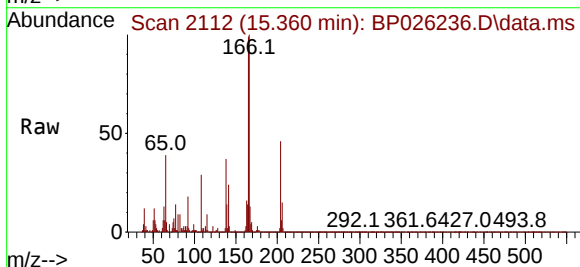
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

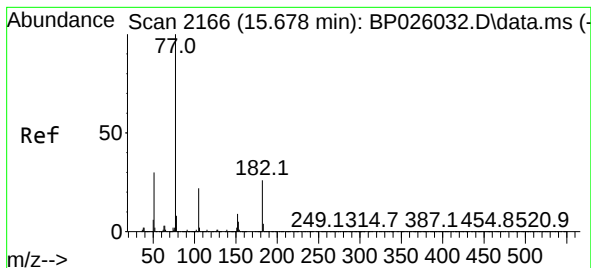
Tgt Ion:204 Resp: 1172218
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 58.1 48.1 72.1



#62
4-Nitroaniline
Concen: 31.185 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:138 Resp: 420856
Ion Ratio Lower Upper
138 100
92 49.0 27.5 67.5
108 77.2 51.1 91.1





#63

Azobenzene

Concen: 47.089 ng

RT: 15.643 min Scan# 2166

Delta R.T. -0.047 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

Tgt Ion: 77 Resp: 2228100

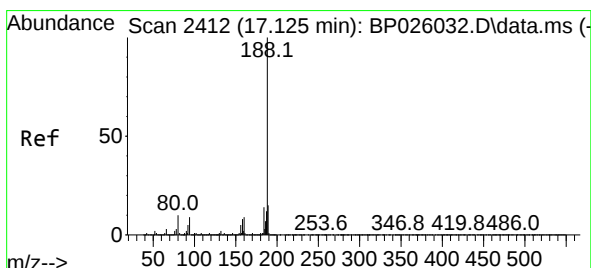
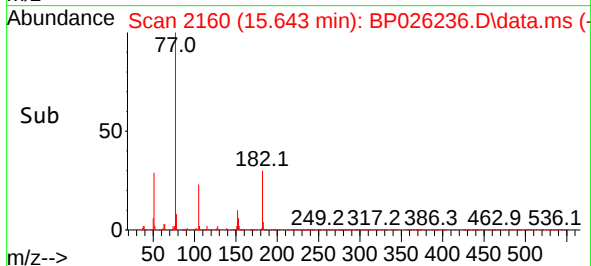
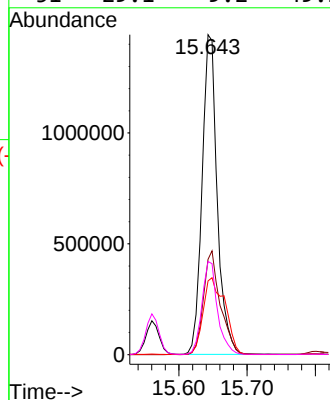
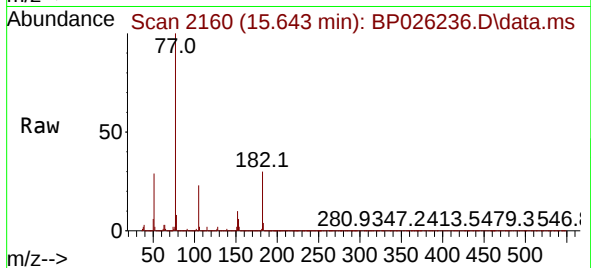
Ion Ratio Lower Upper

77 100

182 29.8 8.8 48.8

105 23.0 2.6 42.6

51 29.1 9.2 49.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.078 min Scan# 2404

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

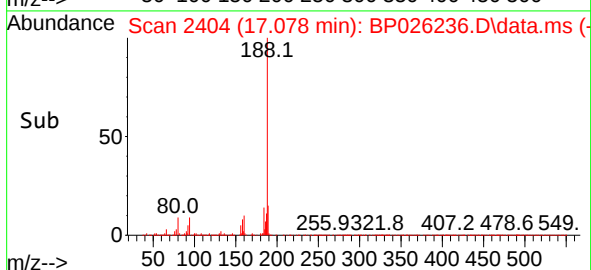
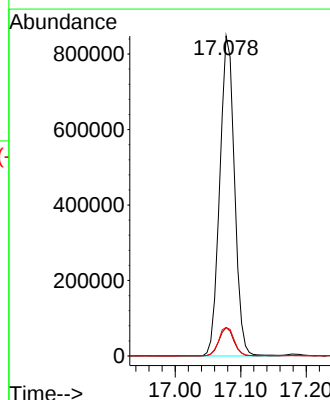
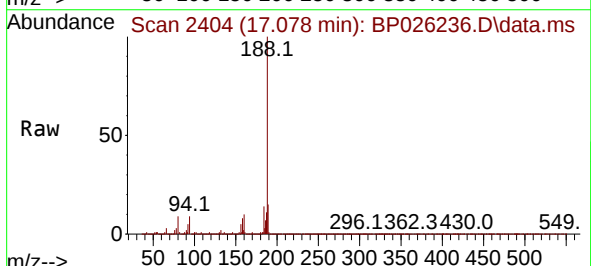
Tgt Ion:188 Resp: 1318463

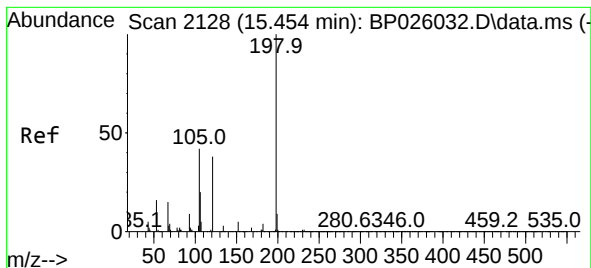
Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 8.9 8.2 12.2

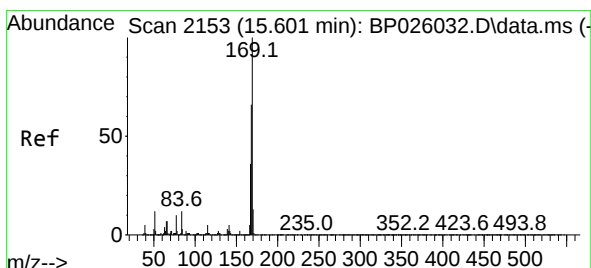
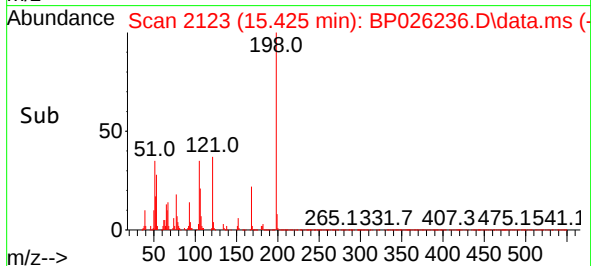
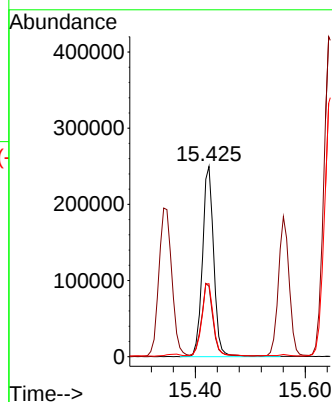
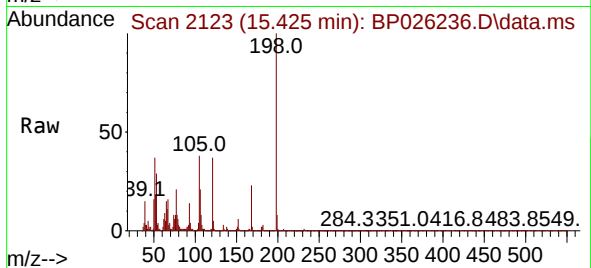




#65
4,6-Dinitro-2-methylphenol
Concen: 42.495 ng
RT: 15.425 min Scan# 2112
Delta R.T. -0.041 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

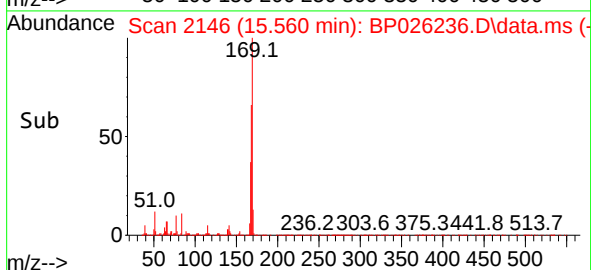
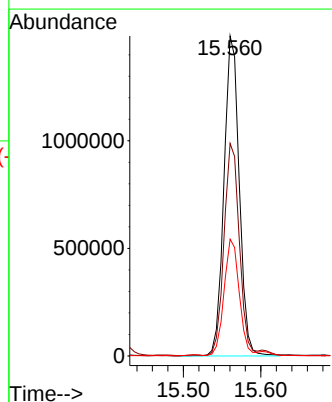
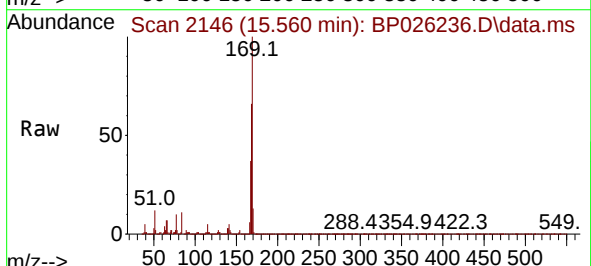
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

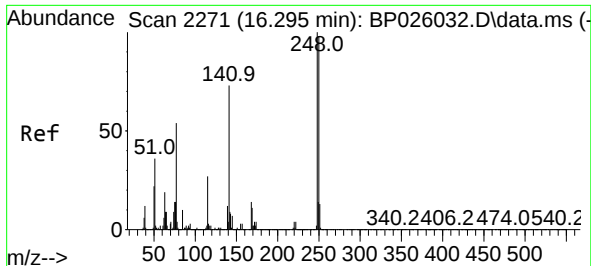
Tgt Ion:198 Resp: 355941
Ion Ratio Lower Upper
198 100
51 37.0 18.4 58.4
105 38.3 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 49.952 ng
RT: 15.560 min Scan# 2146
Delta R.T. -0.047 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:169 Resp: 2037328
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.5 28.9 43.3

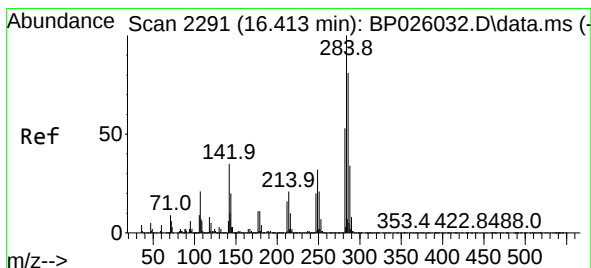
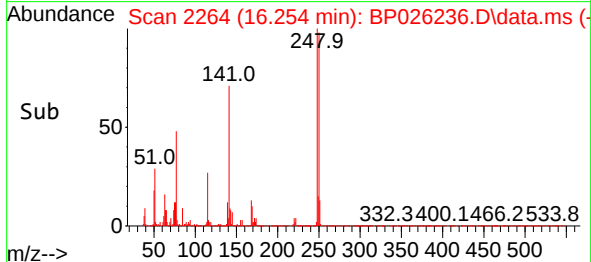
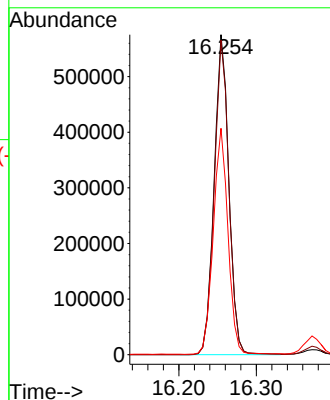
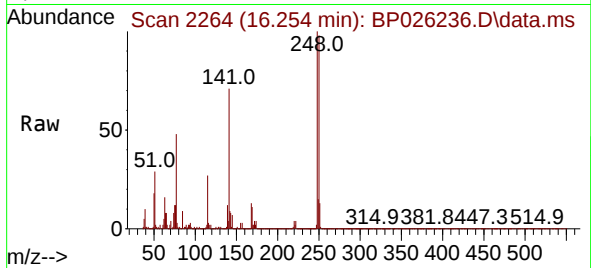




#67
4-Bromophenyl-phenylether
Concen: 52.051 ng
RT: 16.254 min Scan# 211
Delta R.T. -0.053 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

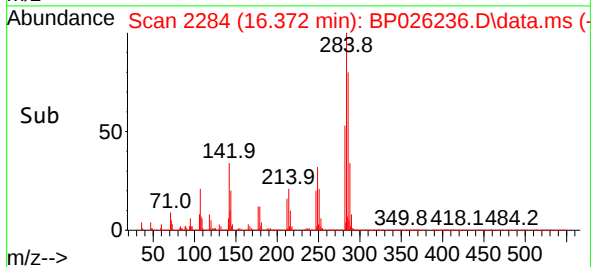
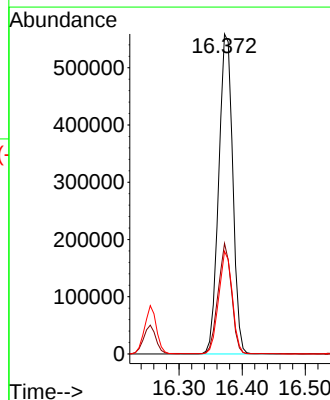
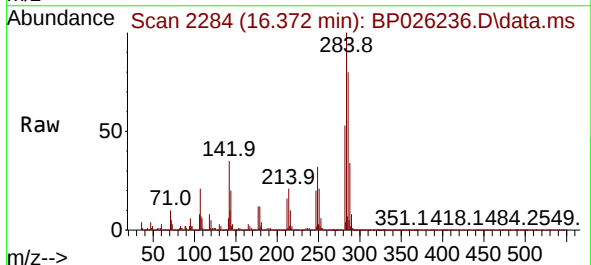
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

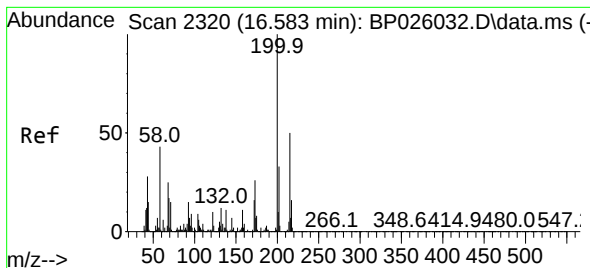
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.8	116.6
141	70.8	55.4	83.0



#68
Hexachlorobenzene
Concen: 50.957 ng
RT: 16.372 min Scan# 2284
Delta R.T. -0.053 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.0	42.0
249	32.1	25.0	37.4





#69

Atrazine

Concen: 46.883 ng

RT: 16.543 min Scan# 21

Delta R.T. -0.047 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

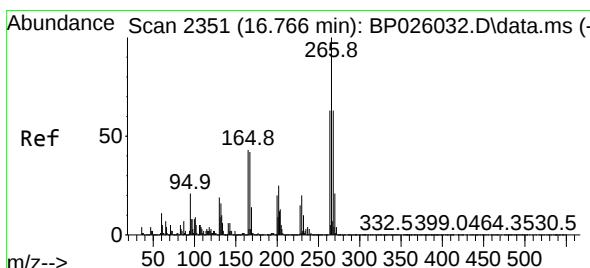
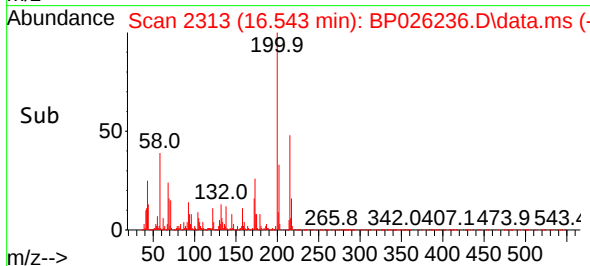
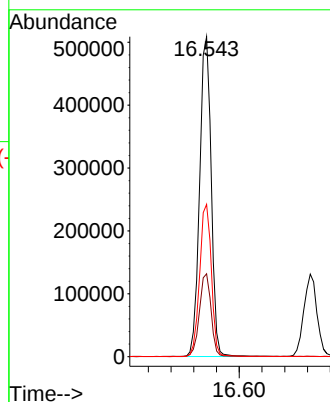
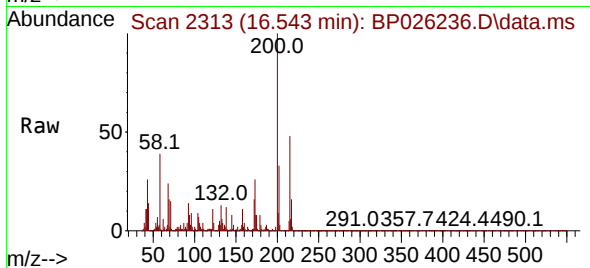
Tgt Ion:200 Resp: 721047

Ion Ratio Lower Upper

200 100

173 25.9 6.7 46.7

215 47.6 27.4 67.4



#70

Pentachlorophenol

Concen: 93.128 ng

RT: 16.725 min Scan# 2344

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

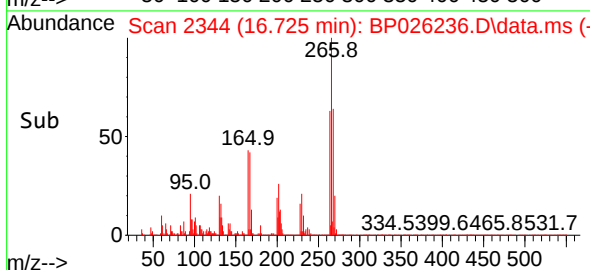
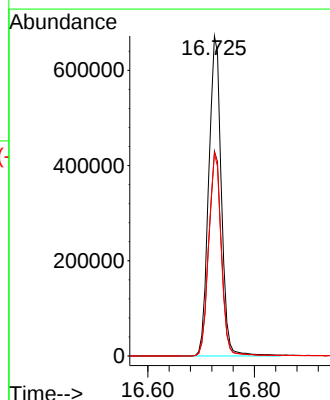
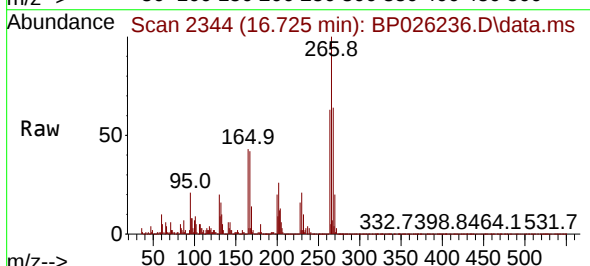
Tgt Ion:266 Resp: 1103762

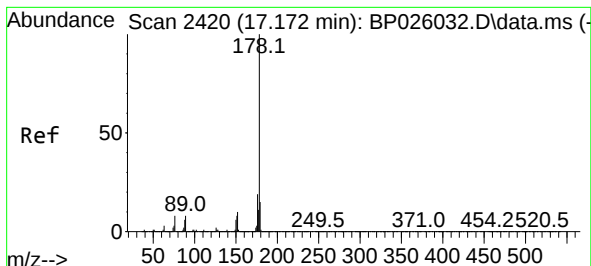
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.4

264 63.3 50.2 75.2





#71

Phenanthrene

Concen: 56.397 ng

RT: 17.125 min Scan# 2412

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

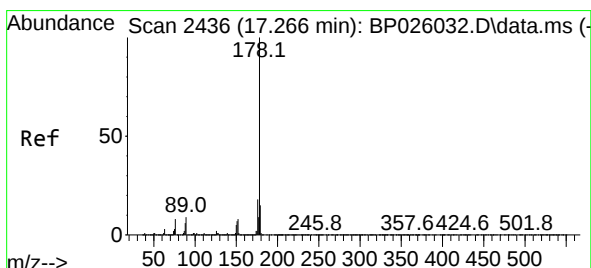
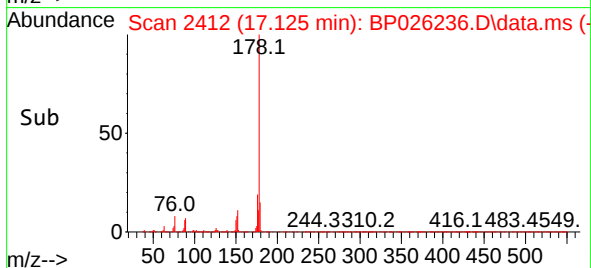
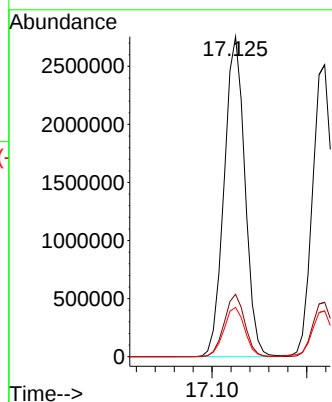
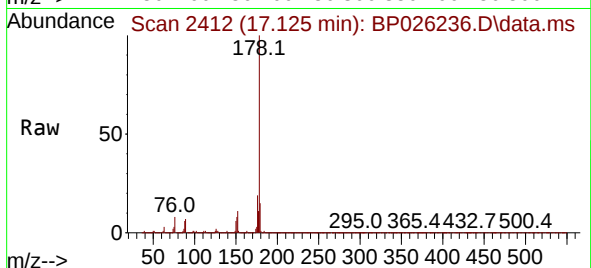
Tgt Ion:178 Resp: 4188721

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.4 12.4 18.6



#72

Anthracene

Concen: 48.131 ng

RT: 17.219 min Scan# 2428

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

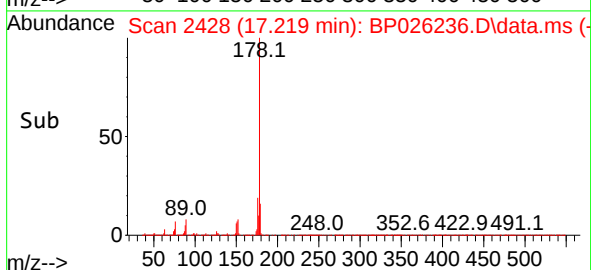
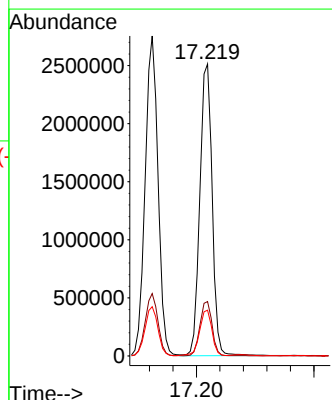
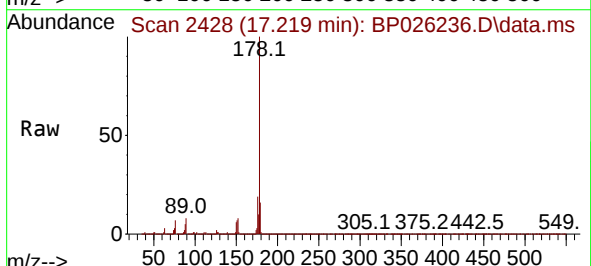
Tgt Ion:178 Resp: 3646141

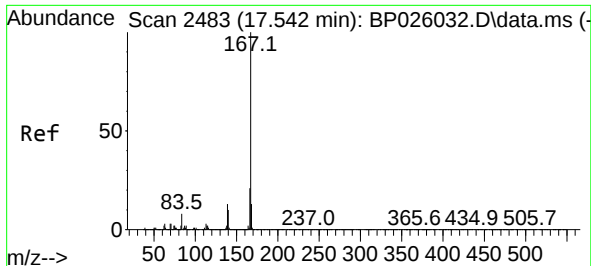
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.7 12.2 18.4

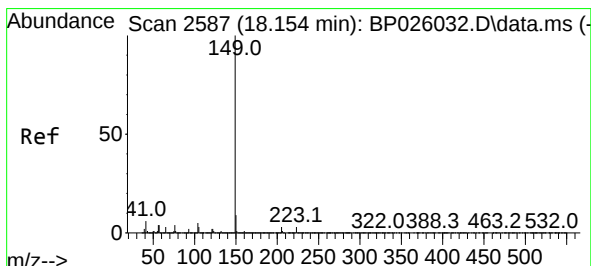
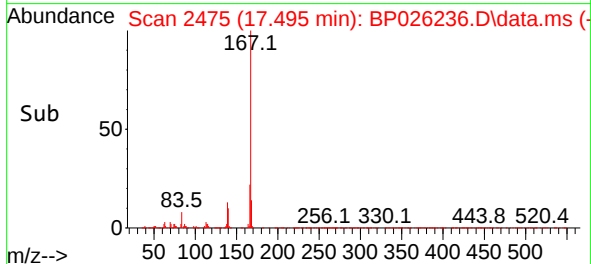
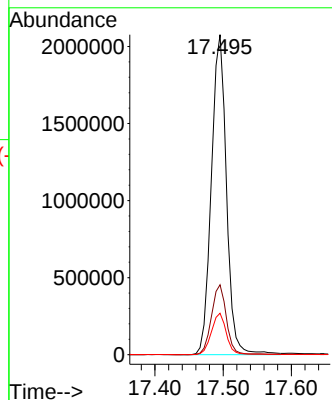
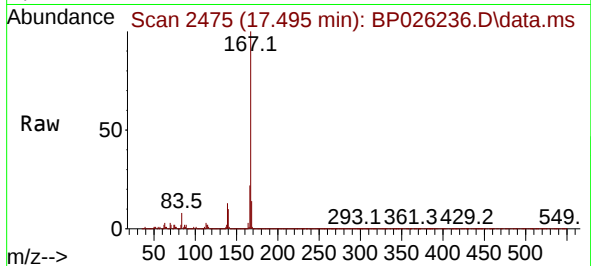




#73
Carbazole
Concen: 44.533 ng
RT: 17.495 min Scan# 24
Delta R.T. -0.047 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

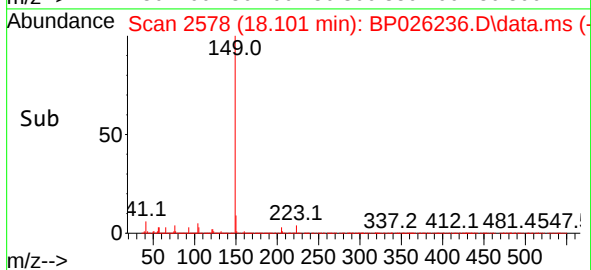
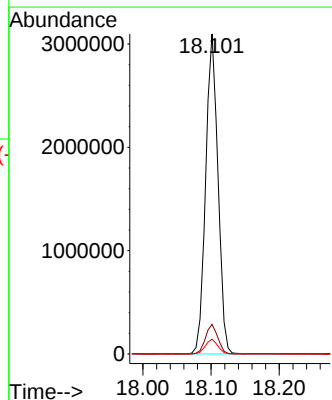
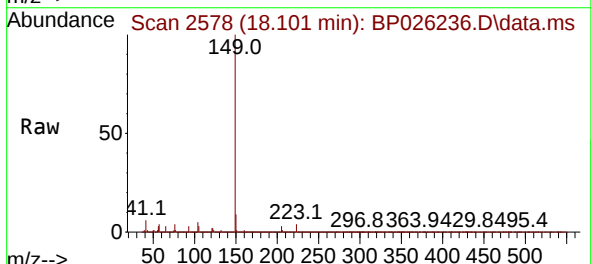
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

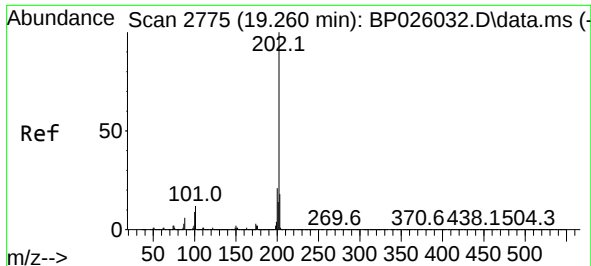
Tgt Ion:167 Resp: 3204127
Ion Ratio Lower Upper
167 100
166 21.9 17.1 25.7
139 13.0 10.2 15.4



#74
Di-n-butylphthalate
Concen: 45.563 ng
RT: 18.101 min Scan# 2578
Delta R.T. -0.059 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:149 Resp: 3886458
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.7 3.6 5.4

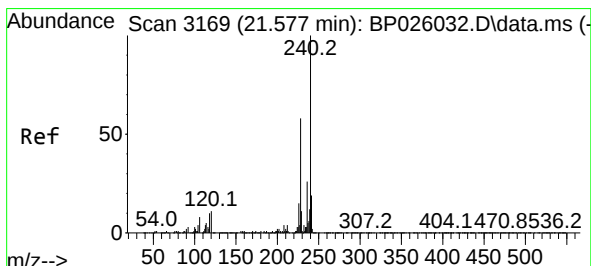
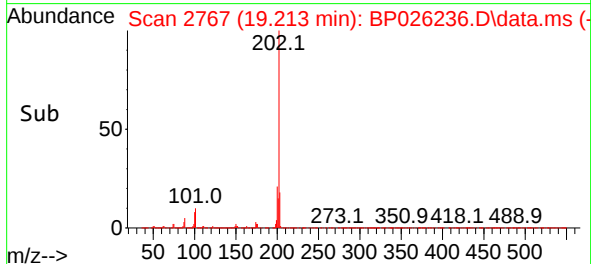
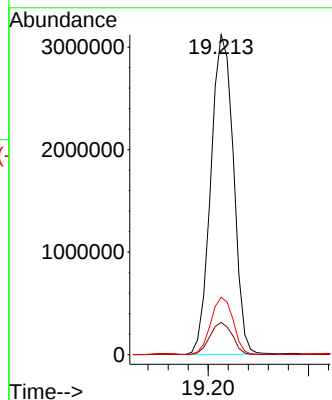
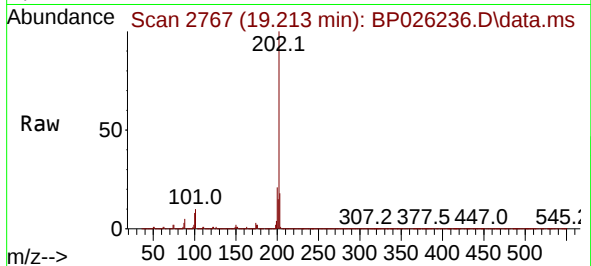




#75
Fluoranthene
Concen: 54.292 ng
RT: 19.213 min Scan# 21
Delta R.T. -0.053 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

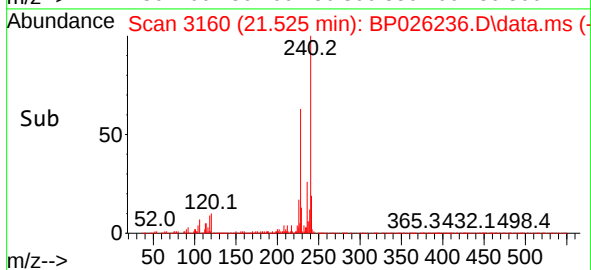
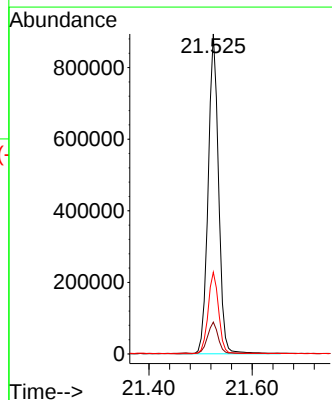
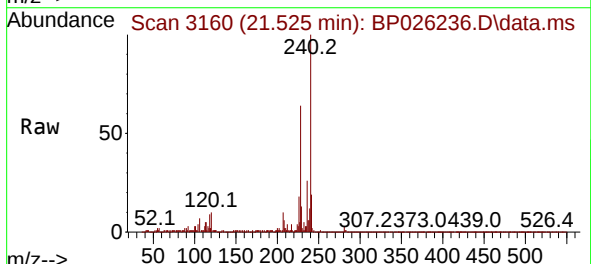
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

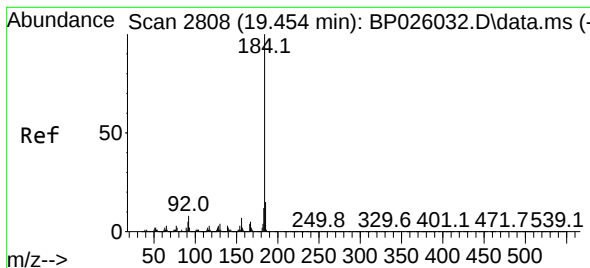
Tgt Ion:202 Resp: 4899352
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.047 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:240 Resp: 1246073
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.6 20.4 30.6





#77

Benzidine

Concen: 30.567 ng

RT: 19.413 min Scan# 2801

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

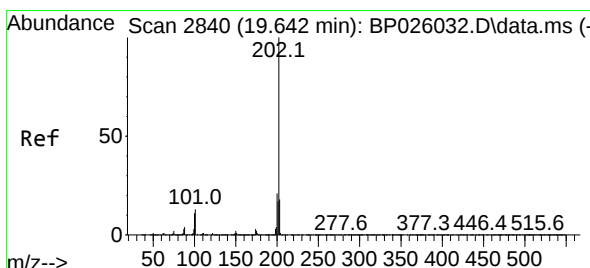
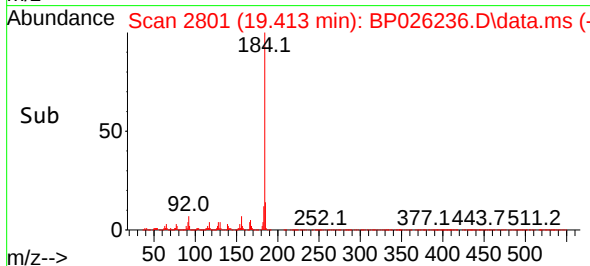
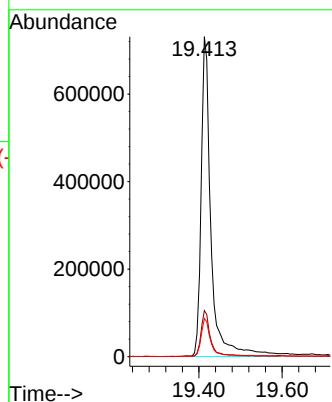
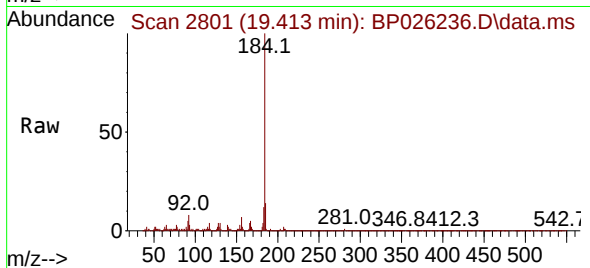
Tgt Ion:184 Resp: 1208779

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 11.9 9.0 13.6



#78

Pyrene

Concen: 59.931 ng

RT: 19.589 min Scan# 2831

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

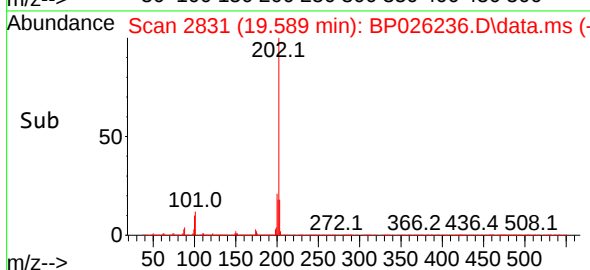
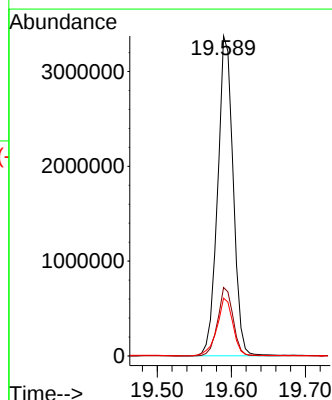
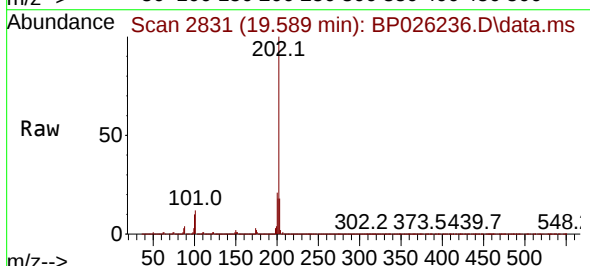
Tgt Ion:202 Resp: 4896523

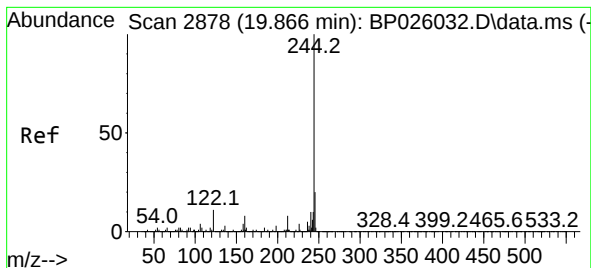
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 18.0 13.8 20.8





#79

Terphenyl-d14

Concen: 63.553 ng

RT: 19.819 min Scan# 21

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

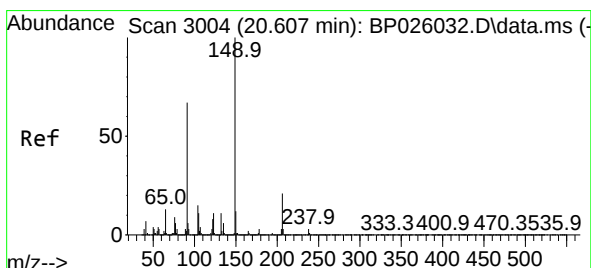
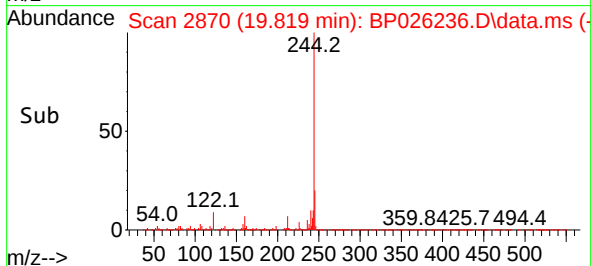
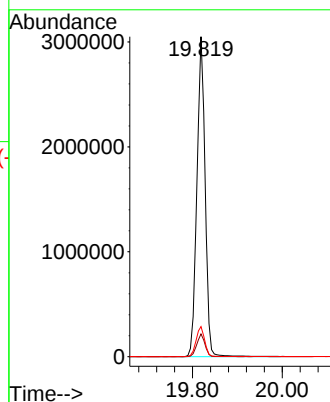
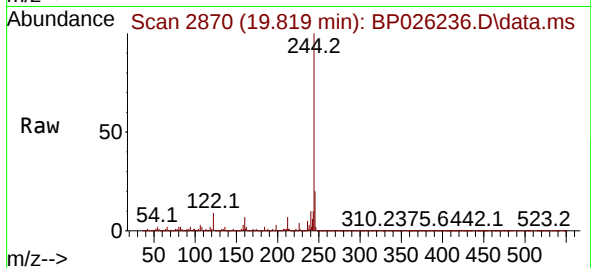
Tgt Ion:244 Resp: 3883780

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 48.157 ng

RT: 20.560 min Scan# 2996

Delta R.T. -0.047 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

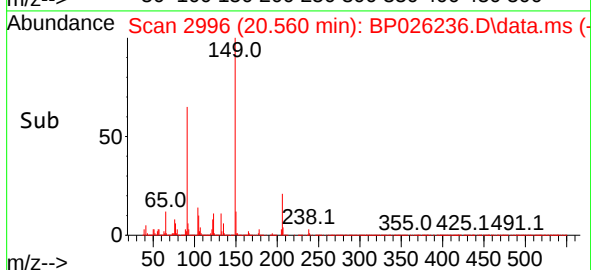
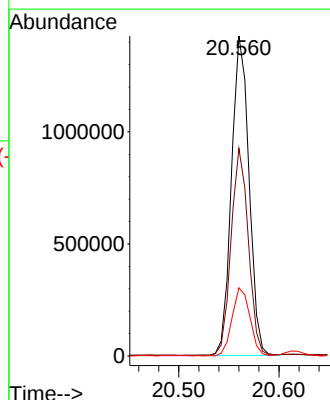
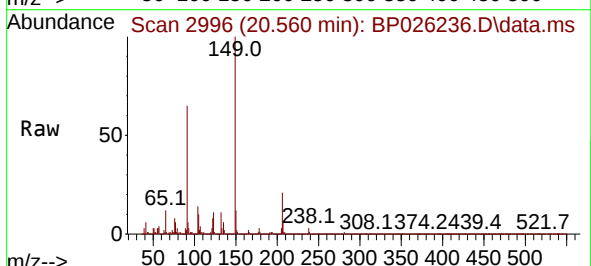
Tgt Ion:149 Resp: 1732728

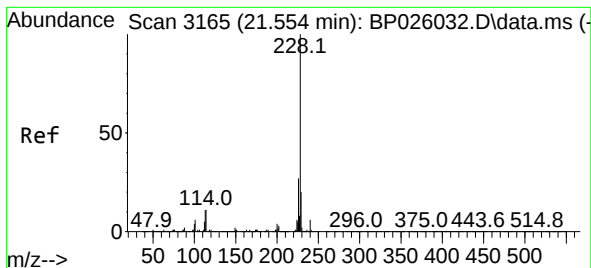
Ion Ratio Lower Upper

149 100

91 64.9 52.6 79.0

206 21.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 51.513 ng

RT: 21.507 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

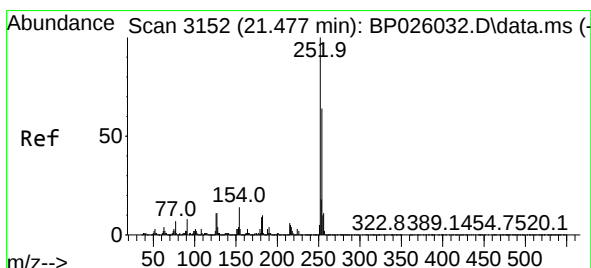
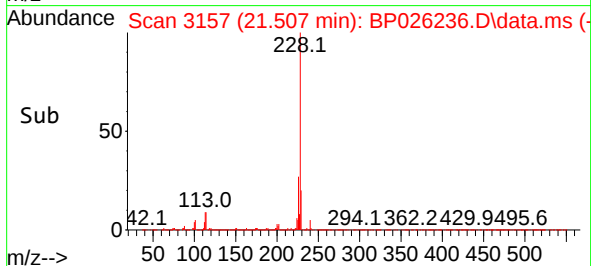
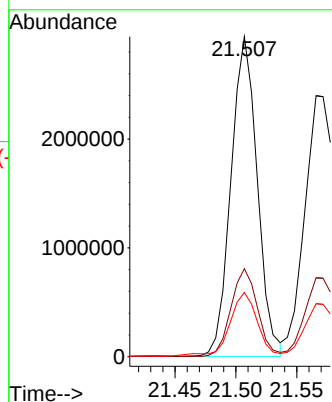
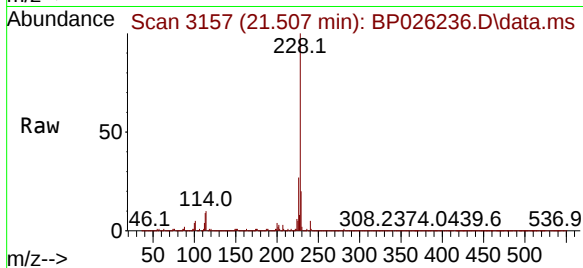
Tgt Ion:228 Resp: 4408419

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 17.921 ng

RT: 21.430 min Scan# 3144

Delta R.T. -0.059 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

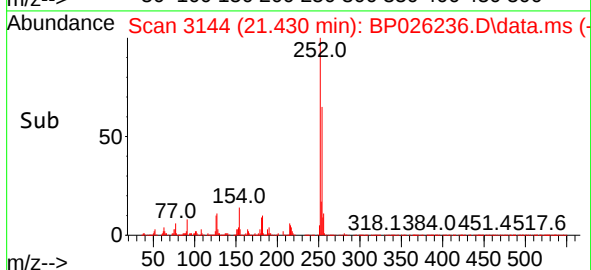
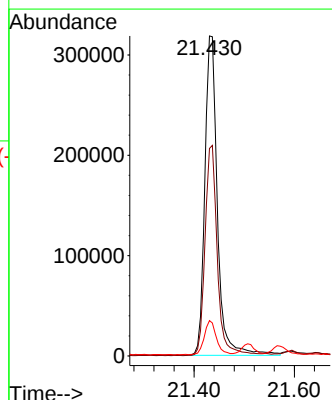
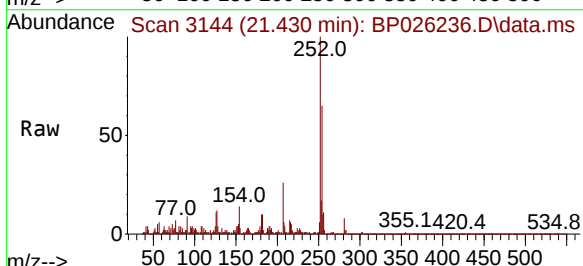
Tgt Ion:252 Resp: 557720

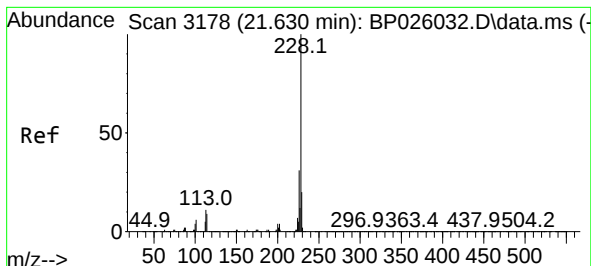
Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

126 11.1 8.2 12.4





#83

Chrysene

Concen: 53.399 ng

RT: 21.566 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

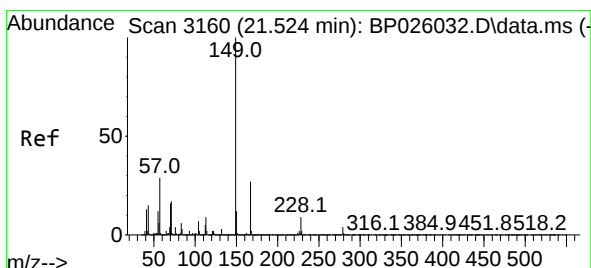
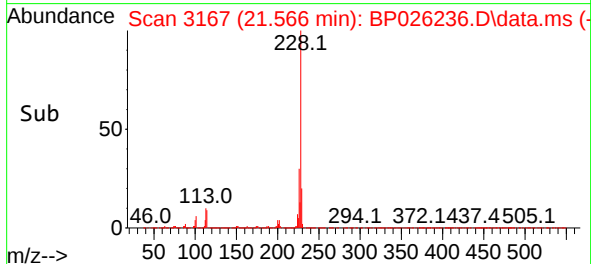
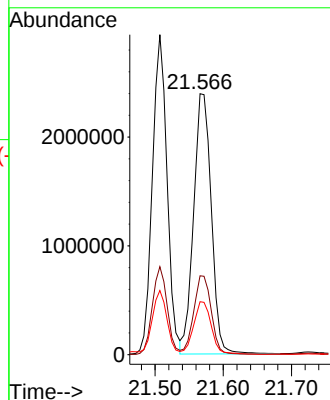
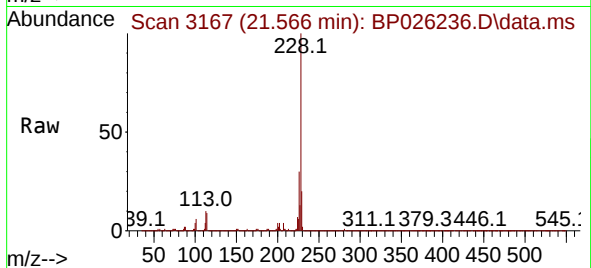
Tgt Ion:228 Resp: 4306722

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.596 ng

RT: 21.466 min Scan# 3150

Delta R.T. -0.053 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

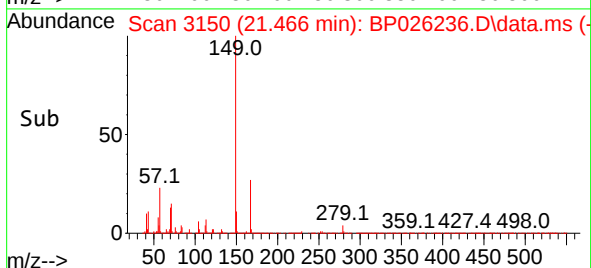
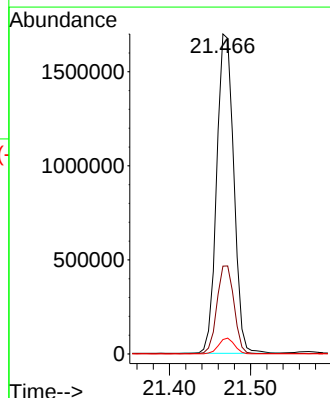
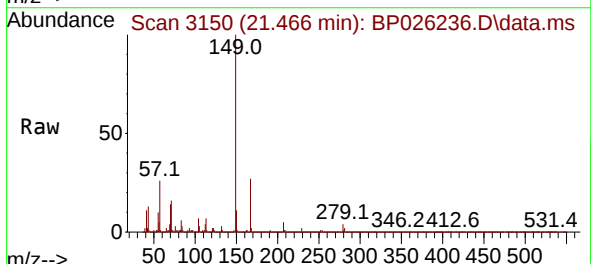
Tgt Ion:149 Resp: 2483462

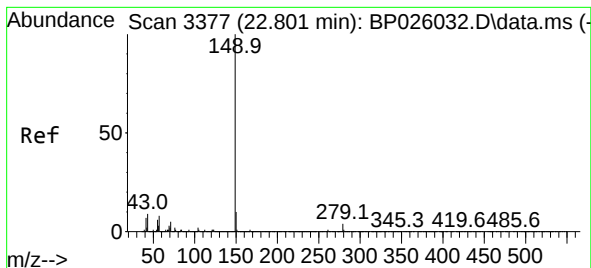
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.546 ng

RT: 22.730 min Scan# 31

Delta R.T. -0.076 min

Lab File: BP026236.D

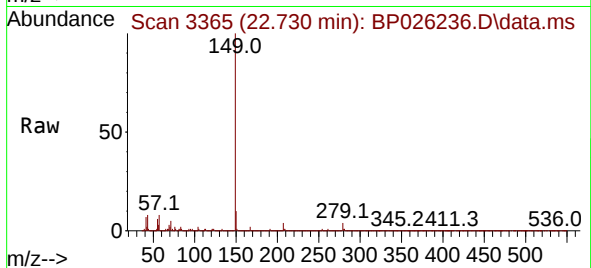
Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS



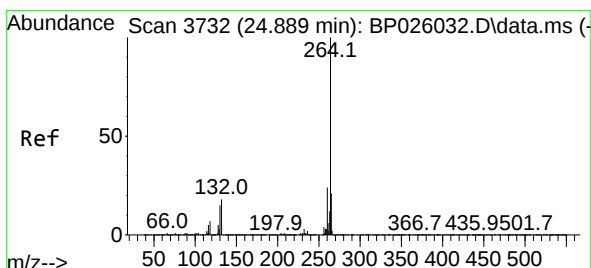
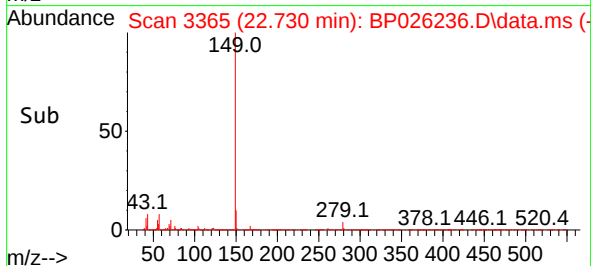
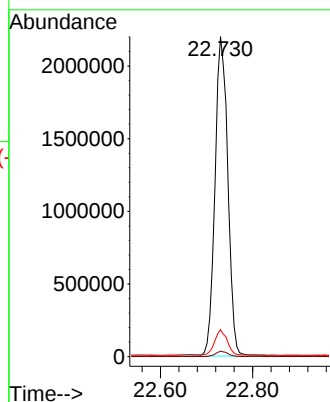
Tgt Ion:149 Resp: 4242545

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.819 min Scan# 3720

Delta R.T. -0.088 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

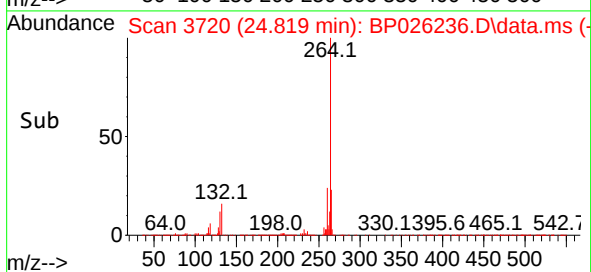
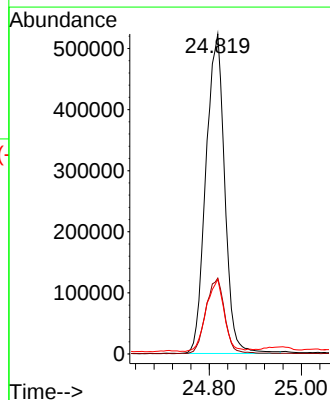
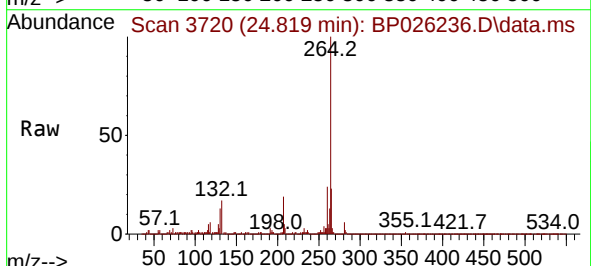
Tgt Ion:264 Resp: 1483998

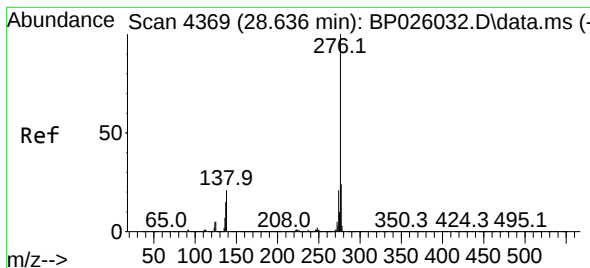
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 23.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.022 ng

RT: 28.554 min Scan# 41

Delta R.T. -0.153 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

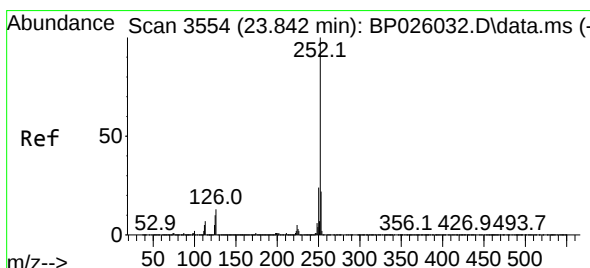
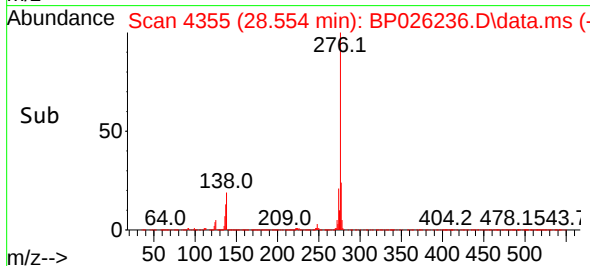
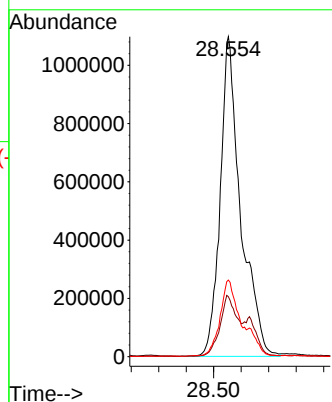
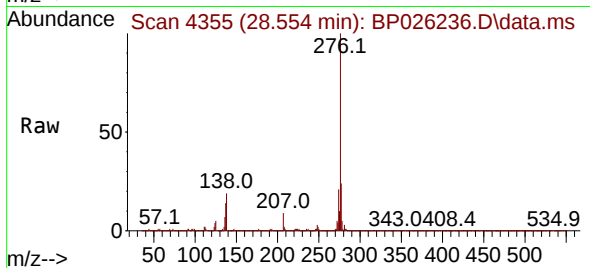
Tgt Ion:276 Resp: 5678546

Ion Ratio Lower Upper

276 100

138 16.3 13.8 20.8

277 25.3 16.7 25.1#



#88

Benzo(b)fluoranthene

Concen: 54.160 ng

RT: 23.783 min Scan# 3544

Delta R.T. -0.082 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

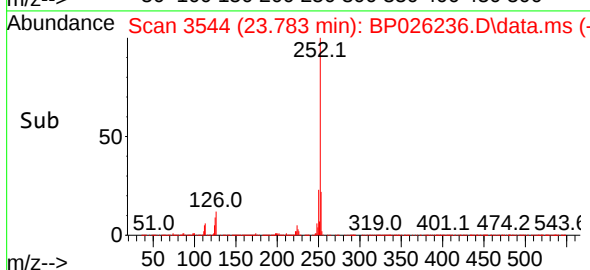
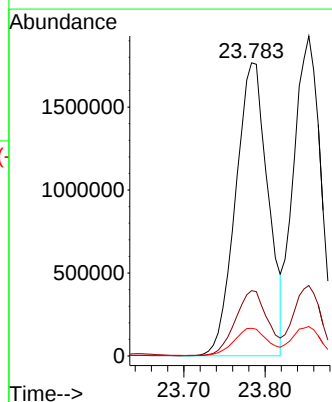
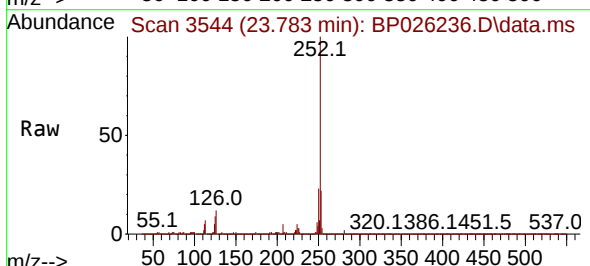
Tgt Ion:252 Resp: 4894666

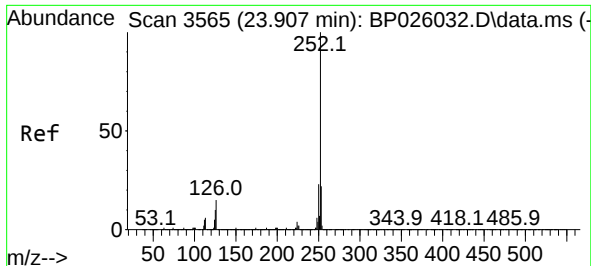
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.4 8.2 12.4

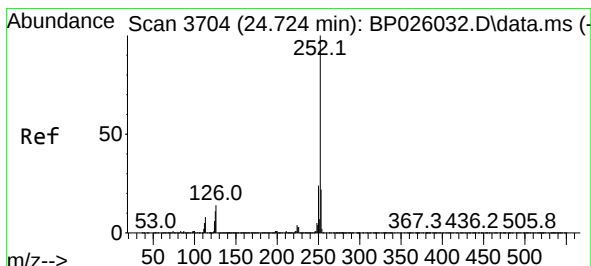
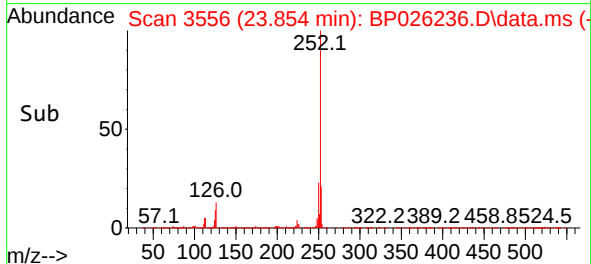
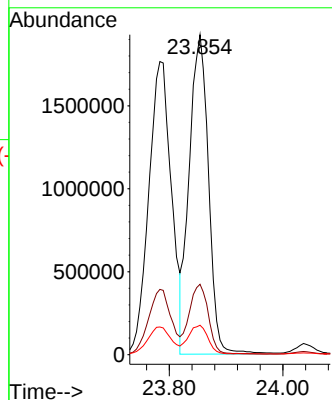
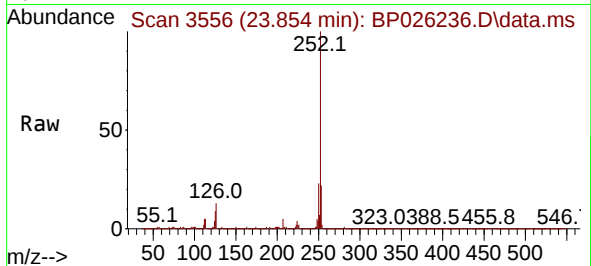




#89
Benzo(k)fluoranthene
Concen: 50.419 ng
RT: 23.854 min Scan# 31
Delta R.T. -0.082 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

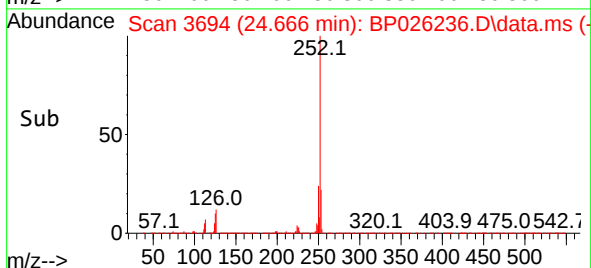
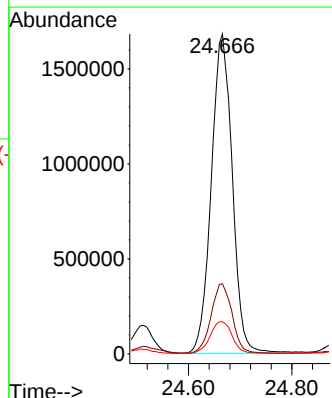
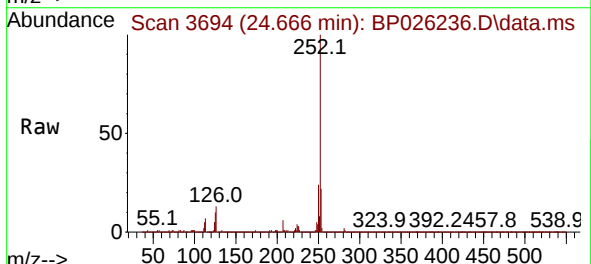
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

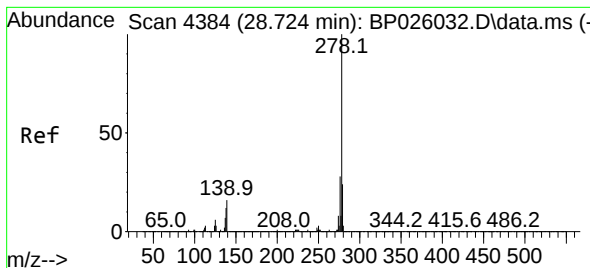
Tgt Ion:252 Resp: 4551117
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 55.221 ng
RT: 24.666 min Scan# 3694
Delta R.T. -0.088 min
Lab File: BP026236.D
Acq: 03 Dec 2025 21:05

Tgt Ion:252 Resp: 4727132
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.030 ng

RT: 28.630 min Scan# 41

Delta R.T. -0.164 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MS

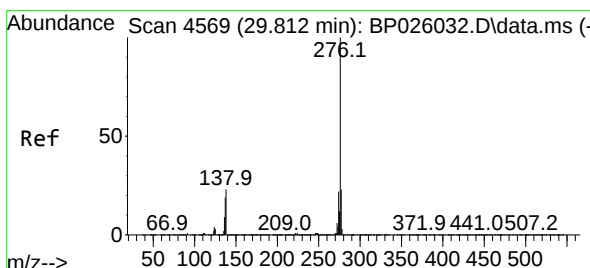
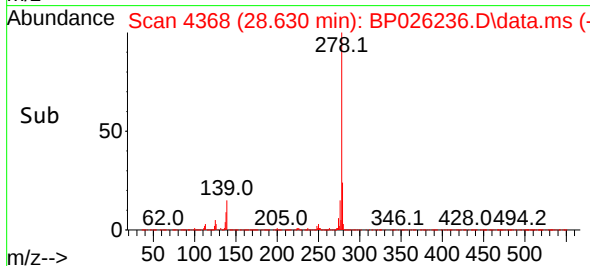
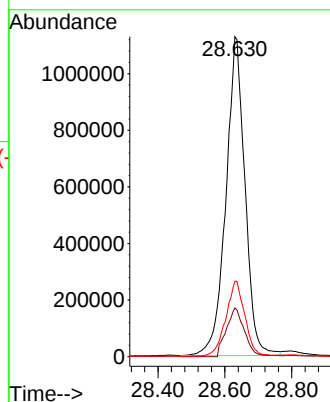
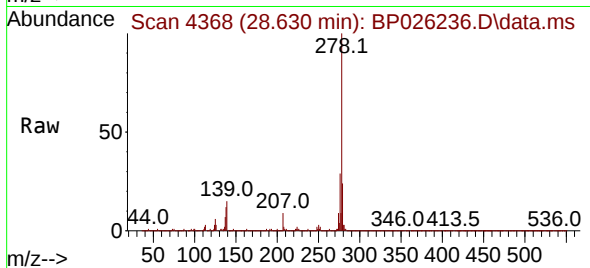
Tgt Ion:278 Resp: 4466977

Ion Ratio Lower Upper

278 100

139 15.3 13.2 19.8

279 23.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 52.770 ng

RT: 29.724 min Scan# 4554

Delta R.T. -0.159 min

Lab File: BP026236.D

Acq: 03 Dec 2025 21:05

Tgt Ion:276 Resp: 4778559

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.4 17.8 26.6

