

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
 Data File : BP026237.D
 Acq On : 03 Dec 2025 21:46
 Operator : RC/JU
 Sample : Q3741-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B50-SP4-112525MSD

Quant Time: Dec 04 00:08:02 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	7.655	152	295680	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	1135347	20.000	ng	-0.03
39) Acenaphthene-d10	14.284	164	627837	20.000	ng	-0.04
64) Phenanthrene-d10	17.084	188	1150582	20.000	ng	-0.05
76) Chrysene-d12	21.536	240	1237506	20.000	ng	-0.03
86) Perylene-d12	24.830	264	1496005	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1014687	55.082	ng	0.00
7) Phenol-d6	6.837	99	1696400	72.335	ng	-0.02
23) Nitrobenzene-d5	8.796	82	1075173	53.792	ng	-0.02
42) 2,4,6-Tribromophenol	15.801	330	395326	48.539	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	2510601	58.606	ng	-0.04
79) Terphenyl-d14	19.831	244	3474585	57.251	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	279660	37.429	ng	98
3) Pyridine	3.614	79	766974	35.519	ng	98
4) n-Nitrosodimethylamine	3.520	42	335122	41.526	ng	94
6) Aniline	6.990	93	434674	14.038	ng	99
8) 2-Chlorophenol	7.231	128	890196	42.454	ng	99
9) Benzaldehyde	6.808	77	625155	50.868	ng	97
10) Phenol	6.867	94	1024401	40.548	ng	98
11) bis(2-Chloroethyl)ether	7.084	93	825382	41.725	ng	97
12) 1,3-Dichlorobenzene	7.549	146	984343	43.574	ng	100
13) 1,4-Dichlorobenzene	7.690	146	988365	43.419	ng	99
14) 1,2-Dichlorobenzene	8.002	146	950178	43.469	ng	99
15) Benzyl Alcohol	7.896	79	684906	39.864	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1057387	38.061	ng	99
17) 2-Methylphenol	8.090	107	693202	40.307	ng	99
18) Hexachloroethane	8.725	117	353887	42.727	ng	96
19) n-Nitroso-di-n-propyla...	8.455	70	554403	38.053	ng	97
20) 3+4-Methylphenols	8.419	107	920395	38.621	ng	99
22) Acetophenone	8.461	105	1195939	41.442	ng	# 99
24) Nitrobenzene	8.837	77	839666	41.530	ng	99
25) Isophorone	9.361	82	1549633	39.108	ng	100
26) 2-Nitrophenol	9.543	139	447719	43.762	ng	98
27) 2,4-Dimethylphenol	9.613	122	760887	41.245	ng	100
28) bis(2-Chloroethoxy)met...	9.837	93	992908	40.010	ng	99
29) 2,4-Dichlorophenol	10.072	162	784491	42.547	ng	100
30) 1,2,4-Trichlorobenzene	10.290	180	869195	46.294	ng	99
31) Naphthalene	10.472	128	2599152	42.360	ng	99
32) Benzoic acid	9.743	122	496278	31.945	ng	100
33) 4-Chloroaniline	10.578	127	243703	9.339	ng	98
34) Hexachlorobutadiene	10.760	225	561136	45.952	ng	98
35) Caprolactam	11.360	113	218496	33.094	ng	92
36) 4-Chloro-3-methylphenol	11.707	107	752348	38.391	ng	97
37) 2-Methylnaphthalene	12.084	142	1628726	37.442	ng	99
38) 1-Methylnaphthalene	12.307	142	1659455	39.030	ng	100
40) 1,2,4,5-Tetrachloroben...	12.460	216	936373	49.324	ng	100
41) Hexachlorocyclopentadiene	12.449	237	1103338	88.804	ng	99
43) 2,4,6-Trichlorophenol	12.702	196	603910	46.401	ng	99

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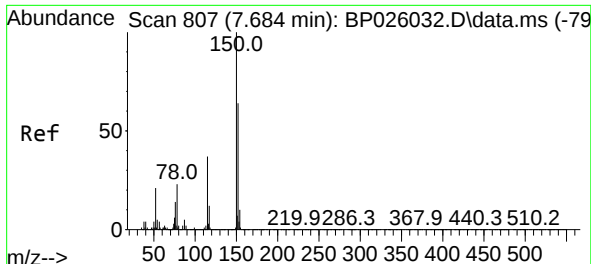
Quant Time: Dec 04 00:08:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	656368	45.180	ng	99
46) 1,1'-Biphenyl	13.113	154	2158140	45.650	ng	99
47) 2-Chloronaphthalene	13.149	162	1672289	44.983	ng	99
48) 2-Nitroaniline	13.349	65	425729	41.181	ng	98
49) Acenaphthylene	14.001	152	2779034	45.320	ng	99
50) Dimethylphthalate	13.743	163	2012668	42.921	ng	100
51) 2,6-Dinitrotoluene	13.860	165	426236	45.873	ng	98
52) Acenaphthene	14.349	154	1586435	44.146	ng	99
53) 3-Nitroaniline	14.190	138	161036	14.720	ng	99
54) 2,4-Dinitrophenol	14.390	184	431108	76.862	ng	99
55) Dibenzofuran	14.696	168	2444615	43.921	ng	99
56) 4-Nitrophenol	14.513	139	701626	70.893	ng	96
57) 2,4-Dinitrotoluene	14.643	165	579891	41.798	ng	99
58) Fluorene	15.348	166	1921546	43.678	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	544526	44.182	ng	99
60) Diethylphthalate	15.137	149	1957355	41.436	ng	99
61) 4-Chlorophenyl-phenyle...	15.354	204	955858	43.668	ng	96
62) 4-Nitroaniline	15.366	138	327547	28.832	ng	96
63) Azobenzene	15.648	77	1821853	45.740	ng	100
65) 4,6-Dinitro-2-methylph...	15.425	198	313196	42.848	ng	95
66) n-Nitrosodiphenylamine	15.572	169	1653493	46.457	ng	98
67) 4-Bromophenyl-phenylether	16.272	248	610125	47.882	ng	98
68) Hexachlorobenzene	16.378	284	712742	48.204	ng	98
69) Atrazine	16.554	200	604557	45.044	ng	99
70) Pentachlorophenol	16.731	266	944051	91.275	ng	99
71) Phenanthrene	17.125	178	3528007	54.432	ng	99
72) Anthracene	17.231	178	3001235	45.399	ng	99
73) Carbazole	17.501	167	2732526	43.519	ng	100
74) Di-n-butylphthalate	18.107	149	3353371	45.050	ng	100
75) Fluoranthene	19.225	202	4365932	55.440	ng	99
77) Benzidine	19.425	184	1110480	28.276	ng	99
78) Pyrene	19.601	202	4442298	54.748	ng	99
80) Butylbenzylphthalate	20.572	149	1594865	44.632	ng	98
81) Benzo(a)anthracene	21.519	228	4257462	50.093	ng	100
82) 3,3'-Dichlorobenzidine	21.436	252	499373	16.157	ng	98
83) Chrysene	21.583	228	3988448	49.795	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2407902	44.515	ng	99
85) Di-n-octyl phthalate	22.736	149	4093500	43.279	ng	98
87) Indeno(1,2,3-cd)pyrene	28.560	276	5481547	48.857	ng	98
88) Benzo(b)fluoranthene	23.789	252	4609613	50.597	ng	98
89) Benzo(k)fluoranthene	23.848	252	4322090	47.497	ng	99
90) Benzo(a)pyrene	24.666	252	4509069	52.251	ng	98
91) Dibenzo(a,h)anthracene	28.642	278	4304495	46.868	ng	99
92) Benzo(g,h,i)perylene	29.724	276	4597305	50.361	ng	97

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

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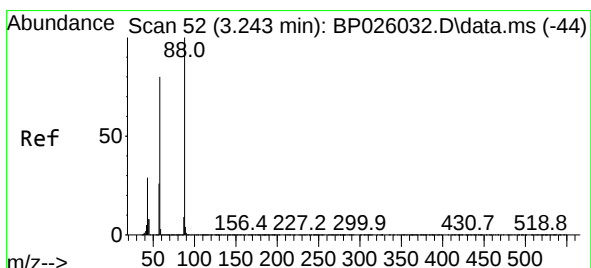
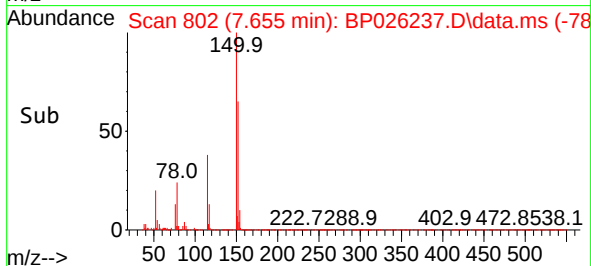
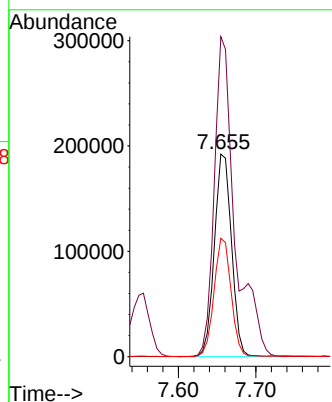
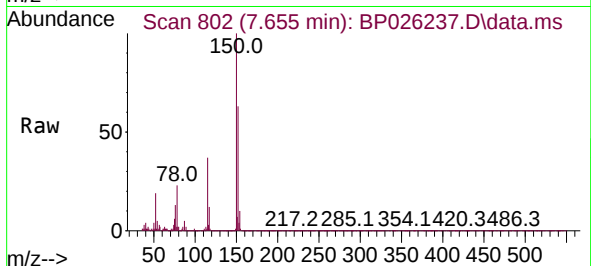




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

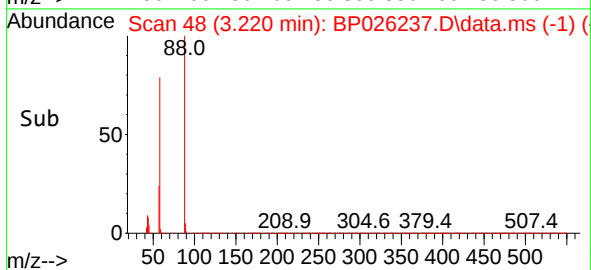
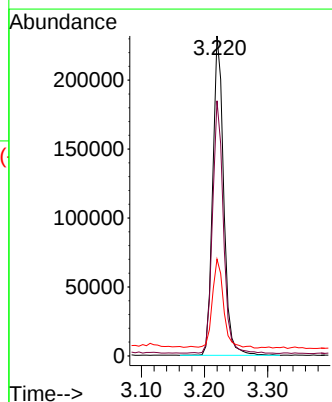
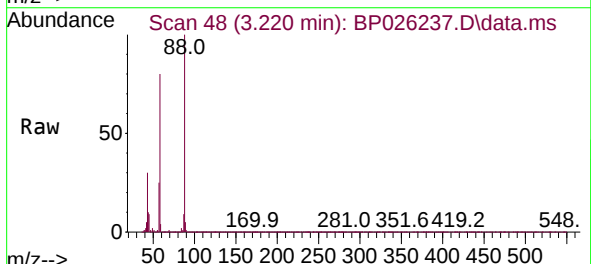
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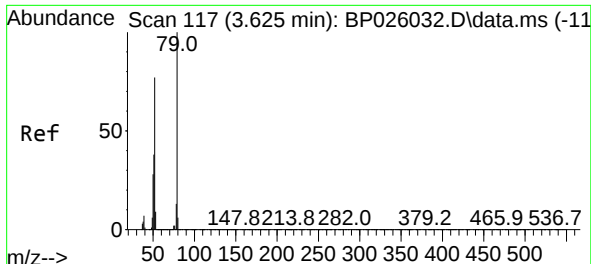
Tgt Ion:152 Resp: 295680
Ion Ratio Lower Upper
152 100
150 158.0 123.0 184.6
115 58.5 46.3 69.5



#2
1,4-Dioxane
Concen: 37.429 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion: 88 Resp: 279660
Ion Ratio Lower Upper
88 100
58 78.8 64.2 96.4
43 28.4 21.5 32.3

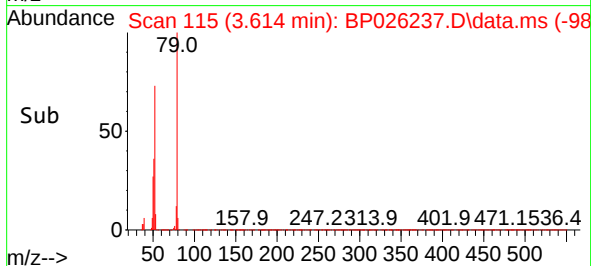
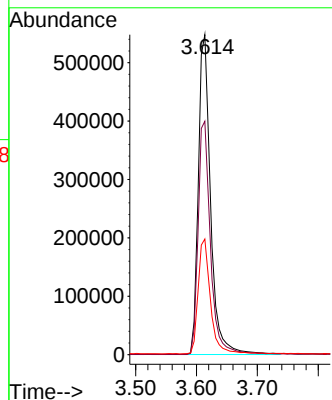
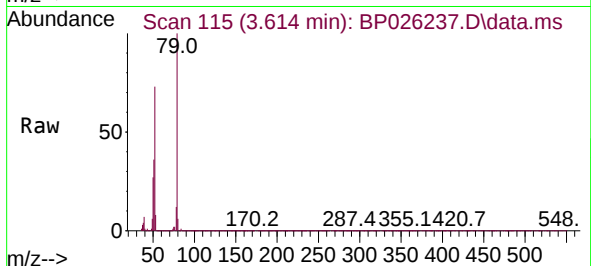




#3
Pyridine
Concen: 35.519 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

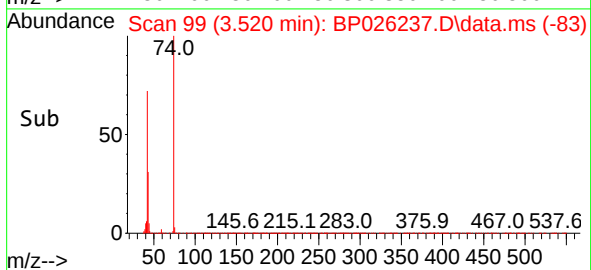
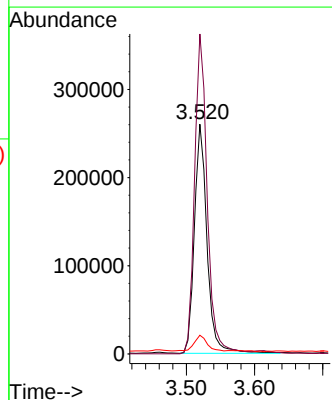
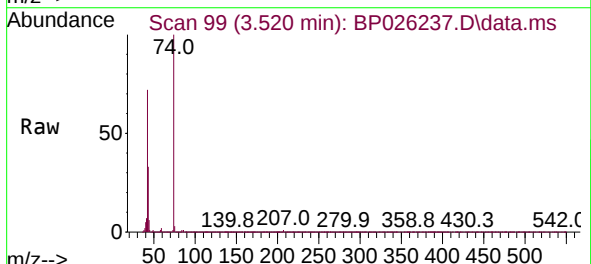
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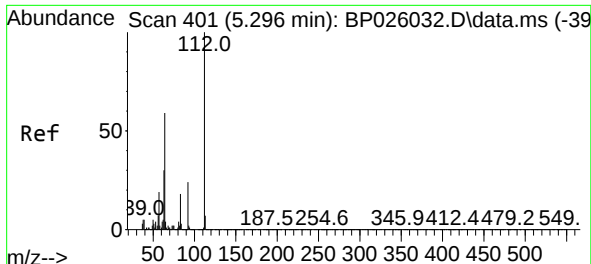
Tgt Ion: 79 Resp: 766974
Ion Ratio Lower Upper
79 100
52 72.9 60.2 90.2
51 36.1 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 41.526 ng
RT: 3.520 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion: 42 Resp: 335122
Ion Ratio Lower Upper
42 100
74 139.3 118.1 177.1
44 8.1 6.2 9.4

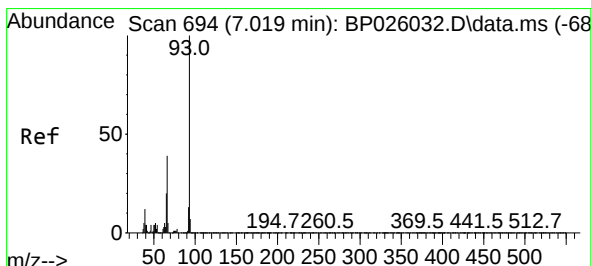
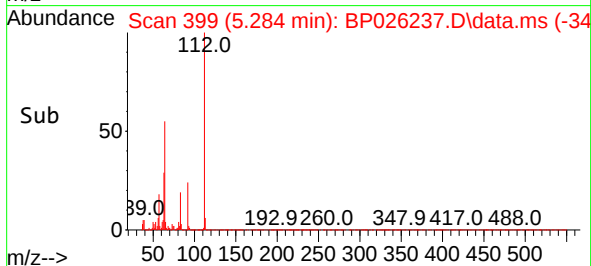
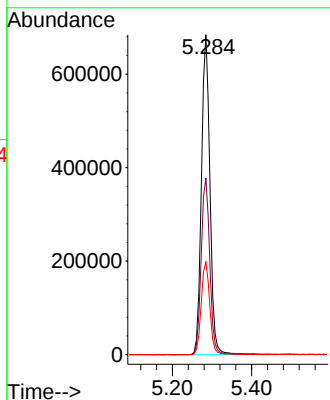
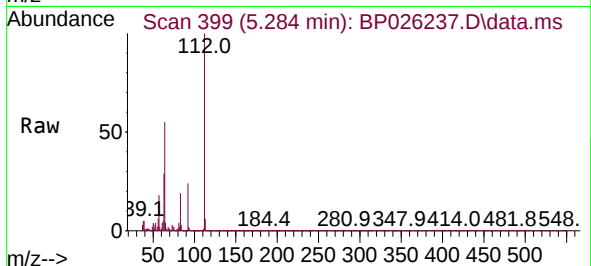




#5
2-Fluorophenol
Concen: 55.082 ng
RT: 5.284 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

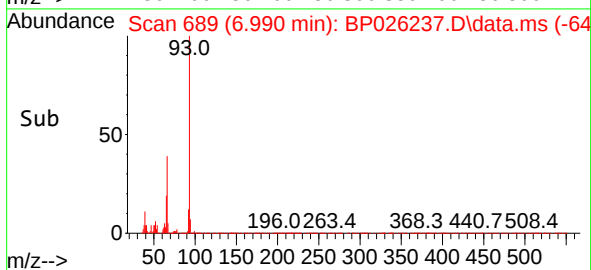
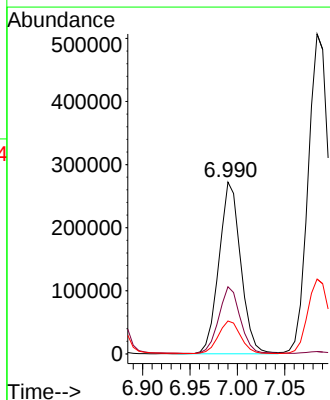
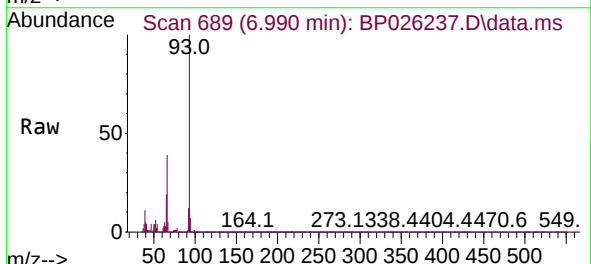
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Tgt Ion:112 Resp: 1014687
Ion Ratio Lower Upper
112 100
64 55.2 45.8 68.6
63 28.9 23.5 35.3



#6
Aniline
Concen: 14.038 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion: 93 Resp: 434674
Ion Ratio Lower Upper
93 100
66 39.1 31.7 47.5
65 19.2 15.8 23.6

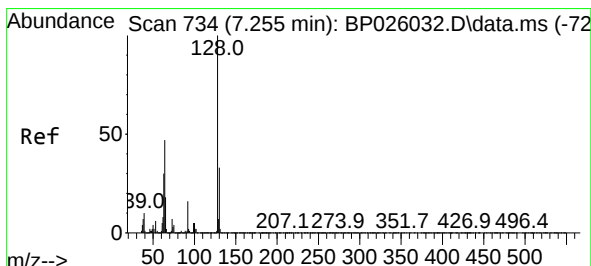
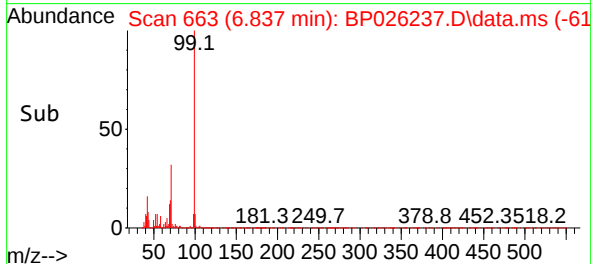
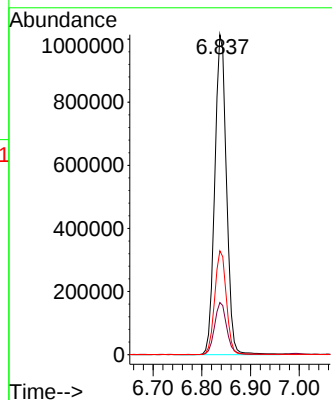
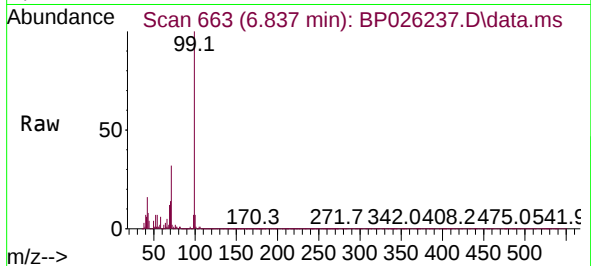




#7
Phenol-d6
Concen: 72.335 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

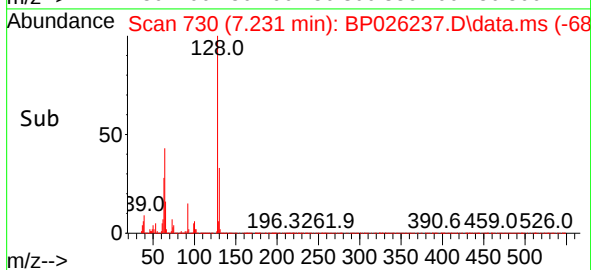
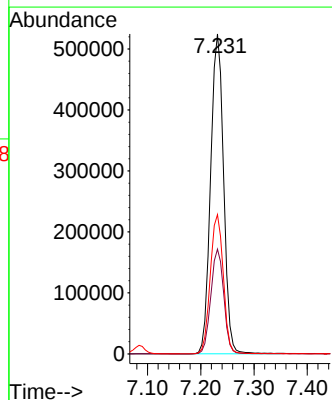
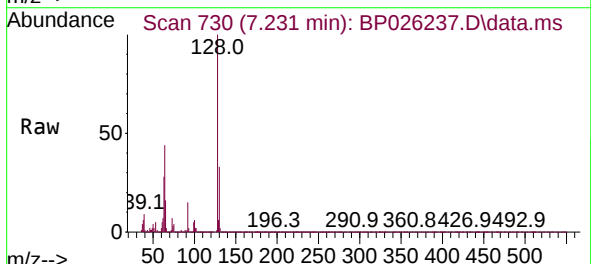
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ClientSampleId :
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Tgt Ion: 99 Resp: 1696400
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 32.4 24.8 37.2



#8
2-Chlorophenol
Concen: 42.454 ng
RT: 7.231 min Scan# 730
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:128 Resp: 890196
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 43.5 23.9 63.9

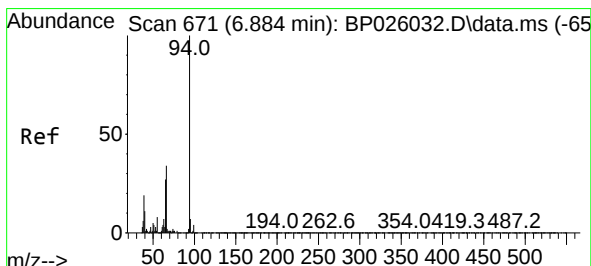
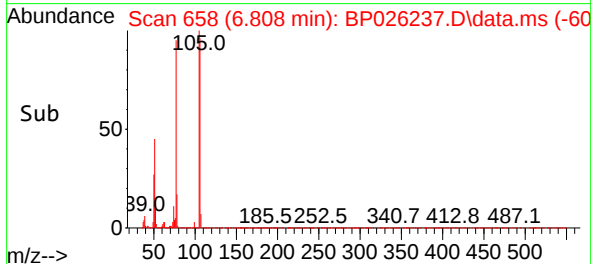
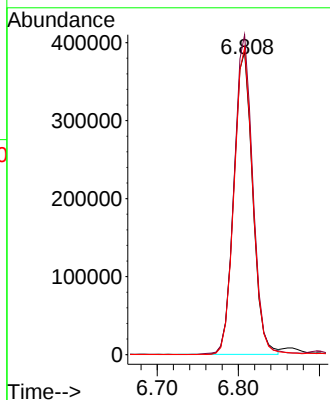
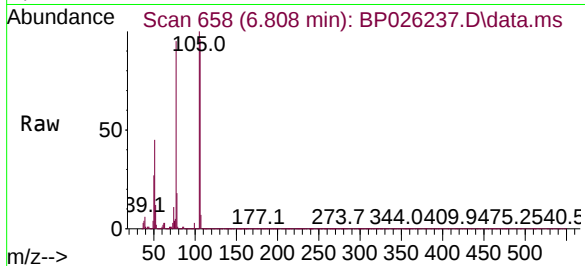




#9
Benzaldehyde
Concen: 50.868 ng
RT: 6.808 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

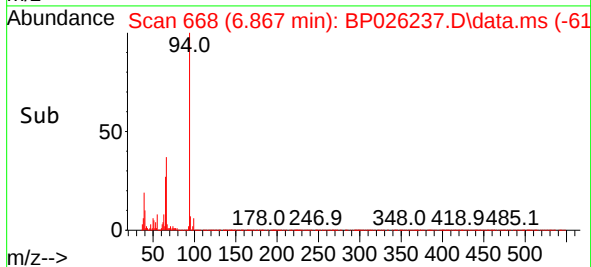
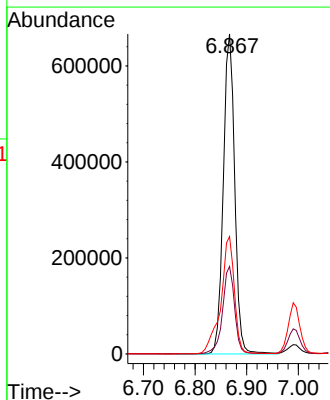
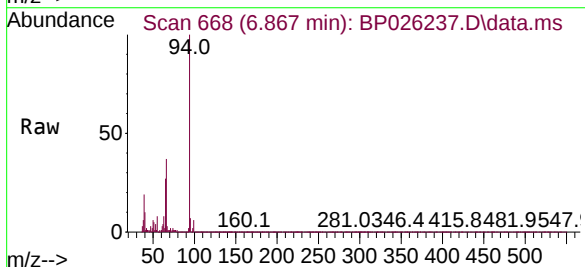
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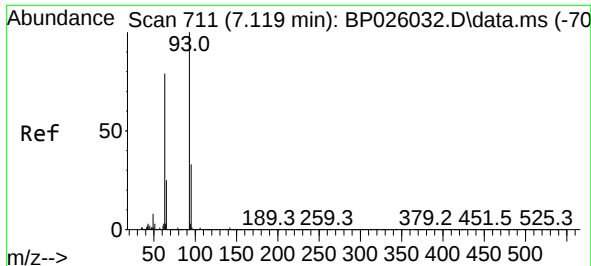
Tgt Ion: 77 Resp: 625155
Ion Ratio Lower Upper
77 100
105 105.7 82.9 122.9
106 101.4 77.8 117.8



#10
Phenol
Concen: 40.548 ng
RT: 6.867 min Scan# 668
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion: 94 Resp: 1024401
Ion Ratio Lower Upper
94 100
65 27.3 7.0 47.0
66 36.7 14.5 54.5

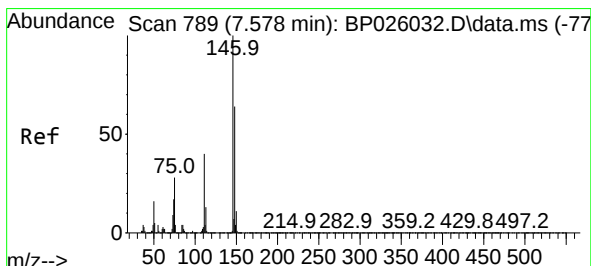
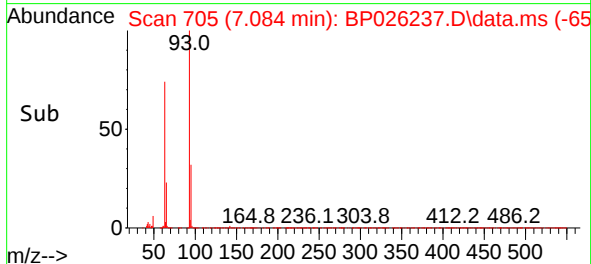
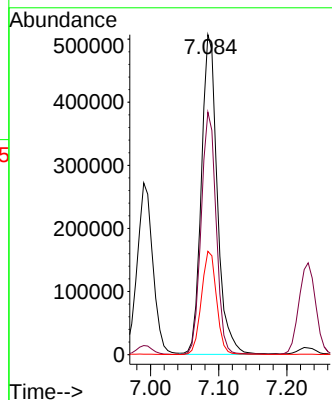
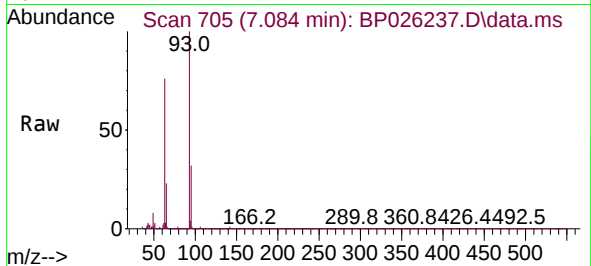




#11
bis(2-Chloroethyl)ether
Concen: 41.725 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

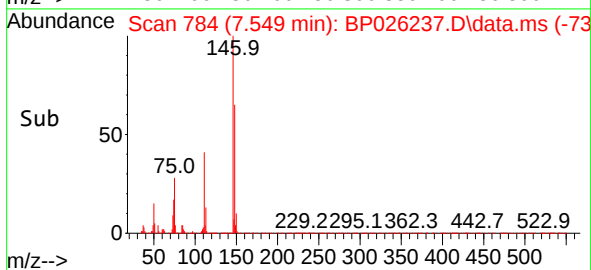
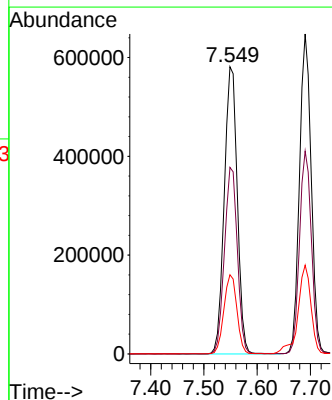
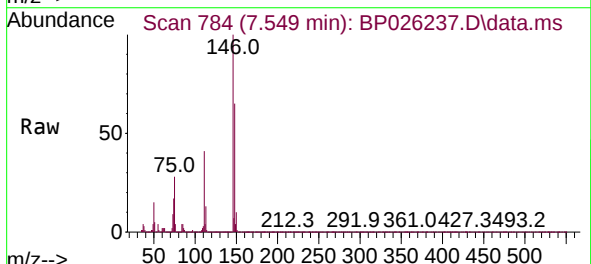
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

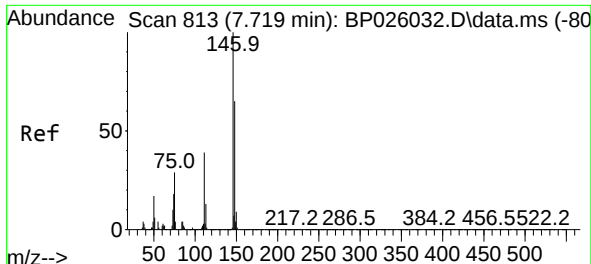
Tgt Ion: 93 Resp: 825382
Ion Ratio Lower Upper
93 100
63 75.8 58.8 98.8
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.574 ng
RT: 7.549 min Scan# 784
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:146 Resp: 984343
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 27.6 22.2 33.2

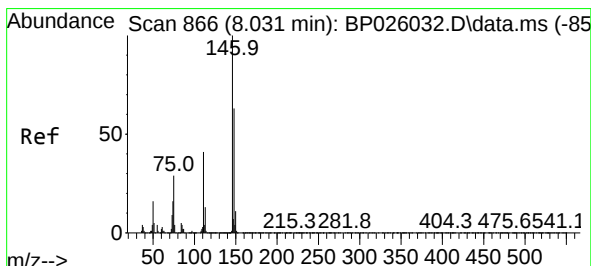
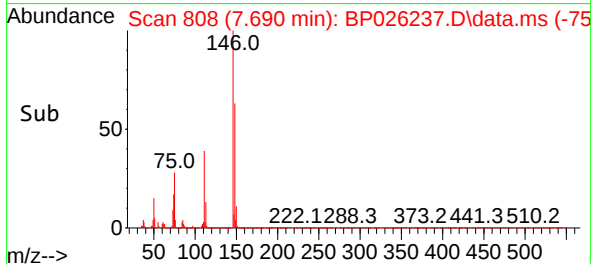
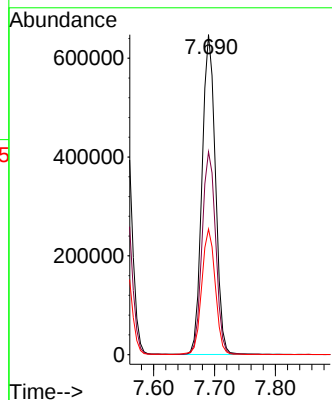
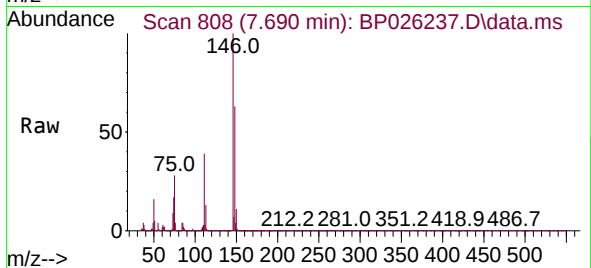




#13
1,4-Dichlorobenzene
Concen: 43.419 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

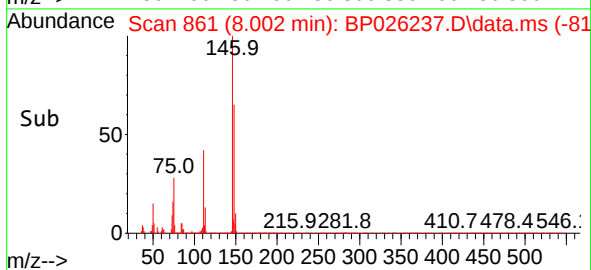
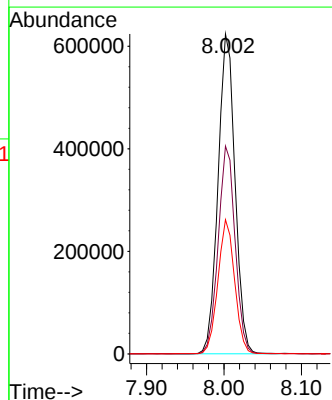
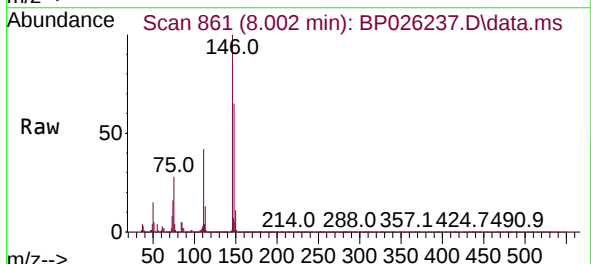
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

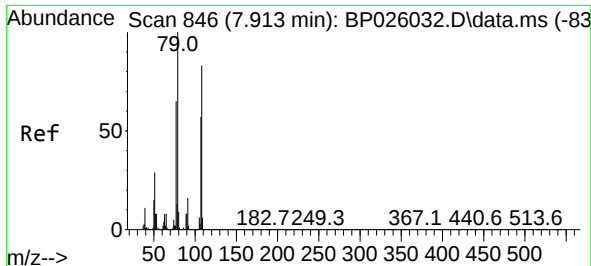
Tgt Ion:146 Resp: 988365
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 39.2 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 43.469 ng
RT: 8.002 min Scan# 861
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:146 Resp: 950178
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 41.9 33.0 49.4

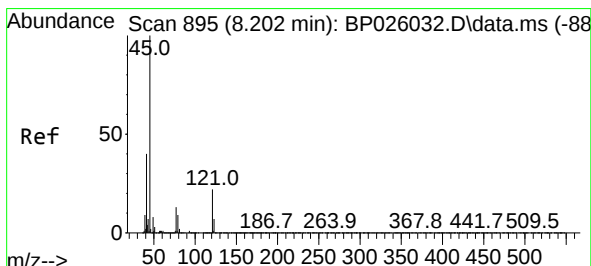
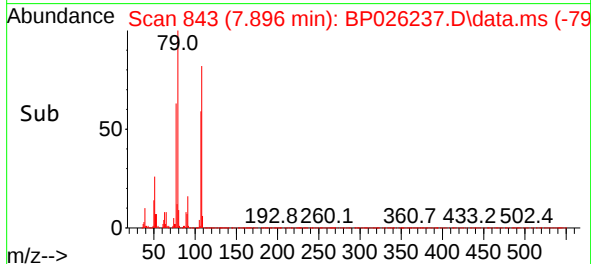
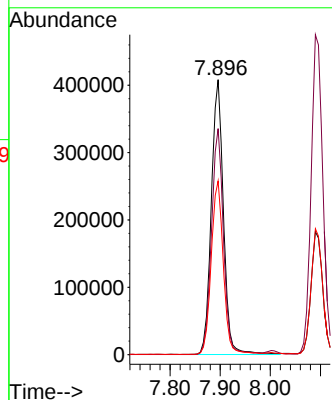
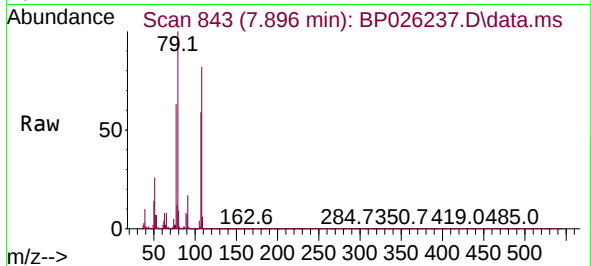




#15
Benzyl Alcohol
Concen: 39.864 ng
RT: 7.896 min Scan# 84
Delta R.T. -0.011 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

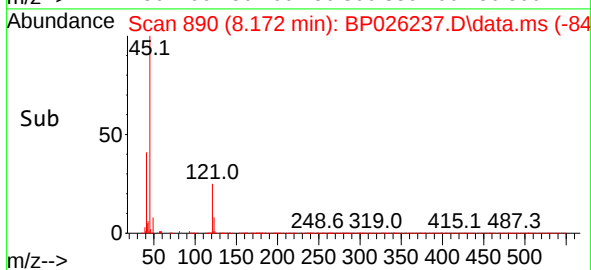
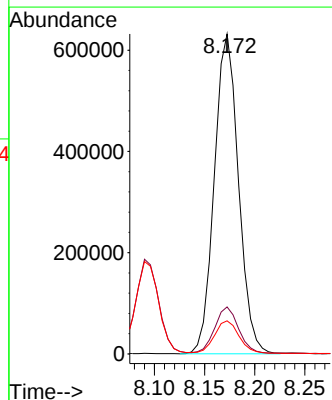
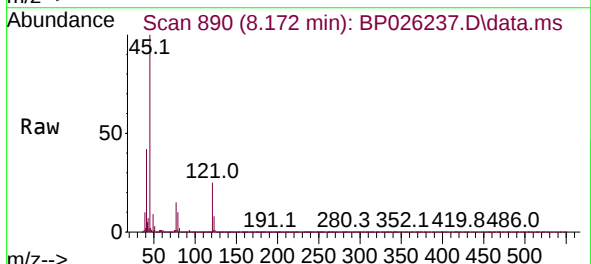
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

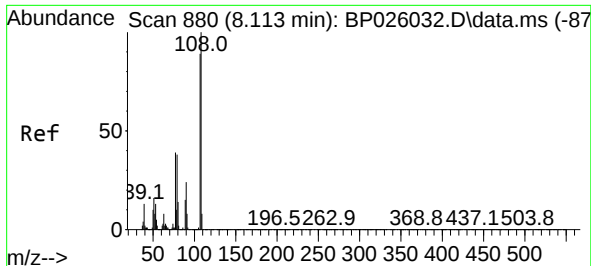
Tgt Ion: 79 Resp: 684906
Ion Ratio Lower Upper
79 100
108 82.2 66.2 99.4
77 63.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.061 ng
RT: 8.172 min Scan# 890
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion: 45 Resp: 1057387
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 10.3 0.0 30.4

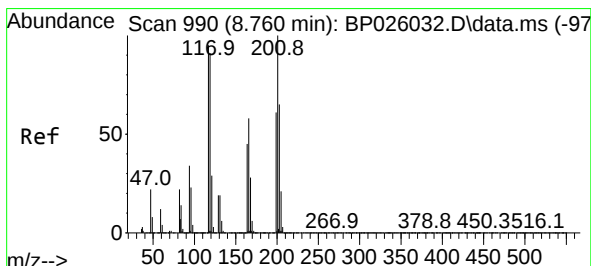
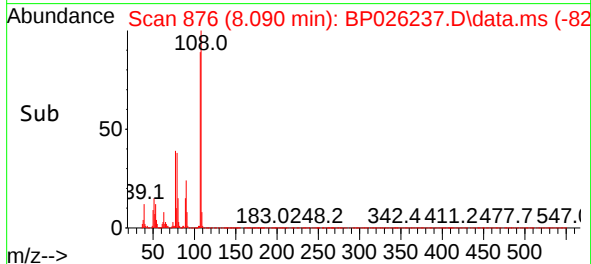
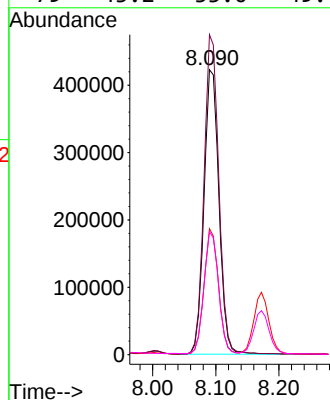
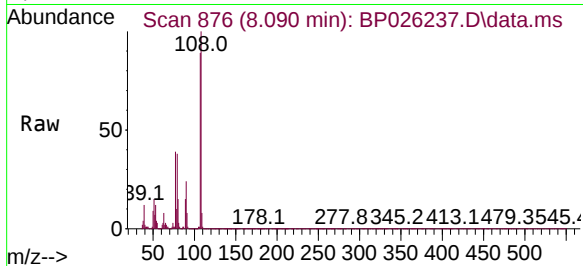




#17
2-Methylphenol
Concen: 40.307 ng
RT: 8.090 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

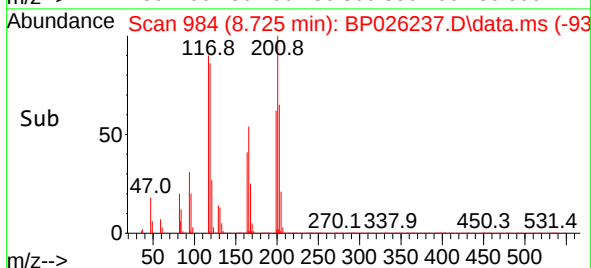
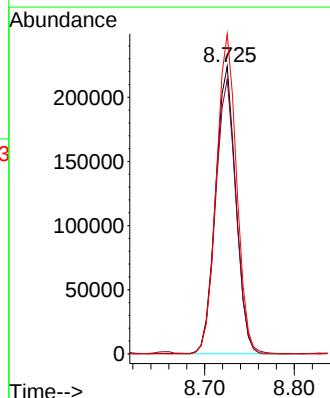
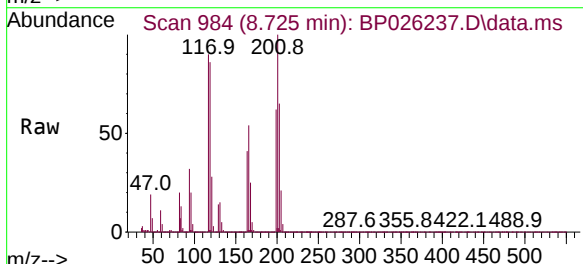
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

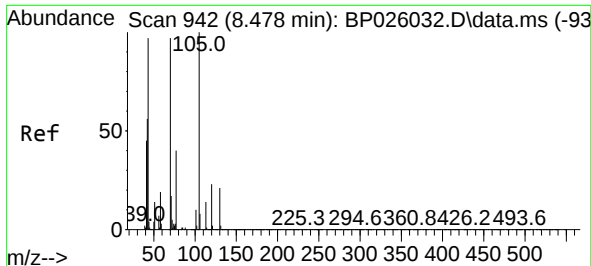
Tgt Ion:	107	Resp:	693202
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.7	134.5
77	44.2	33.9	50.9
79	43.2	33.0	49.4



#18
Hexachloroethane
Concen: 42.727 ng
RT: 8.725 min Scan# 984
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:	117	Resp:	353887
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.7	118.1
201	111.3	85.1	127.7

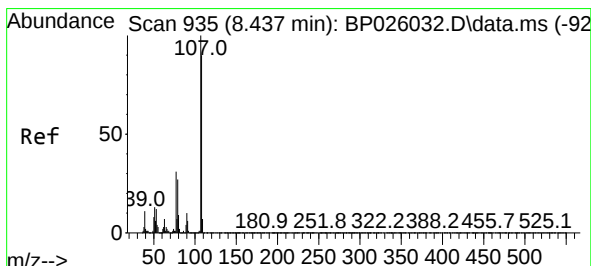
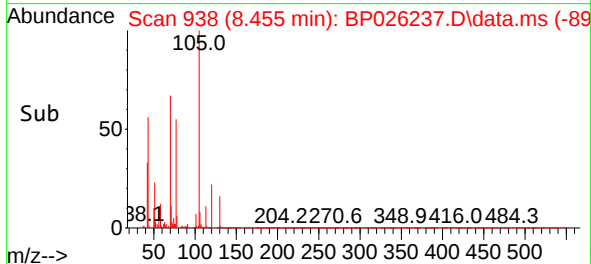
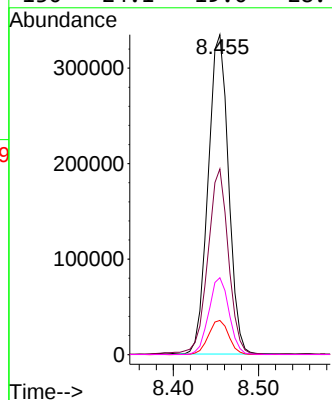
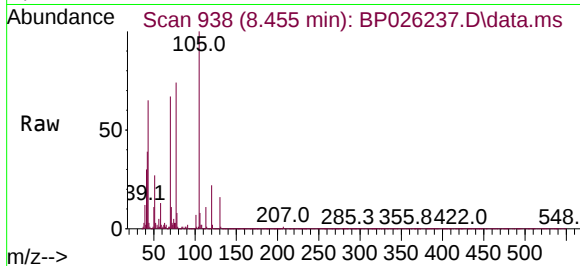




#19
n-Nitroso-di-n-propylamine
Concen: 38.053 ng
RT: 8.455 min Scan# 931
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

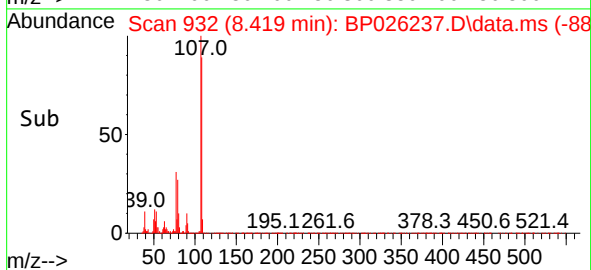
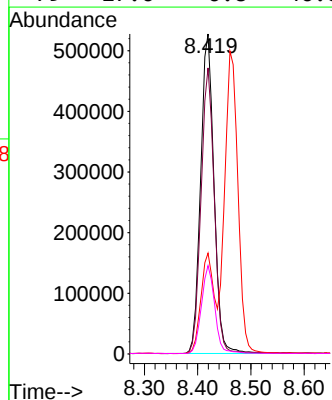
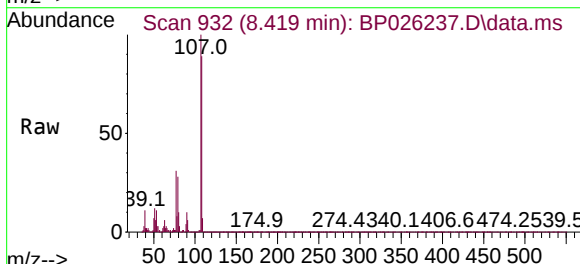
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

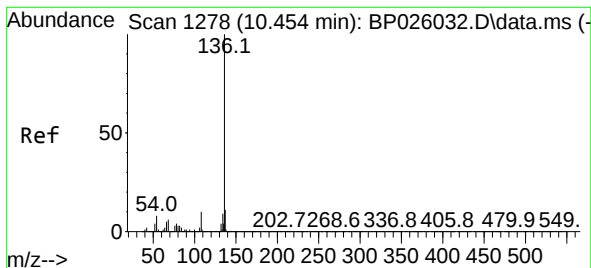
Tgt Ion:	70	Resp:	554403
Ion	Ratio	Lower	Upper
70	100		
42	58.0	44.1	66.1
101	10.7	8.2	12.4
130	24.1	19.0	28.4



#20
3+4-Methylphenols
Concen: 38.621 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:	107	Resp:	920395
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.9	108.9
77	31.5	10.4	50.4
79	27.6	6.8	46.8



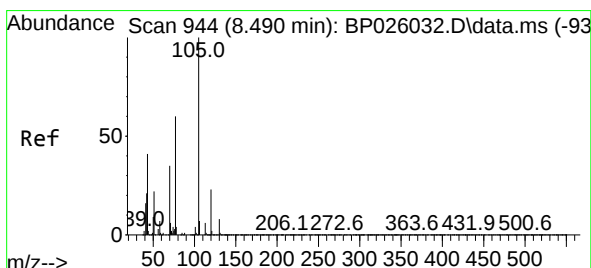
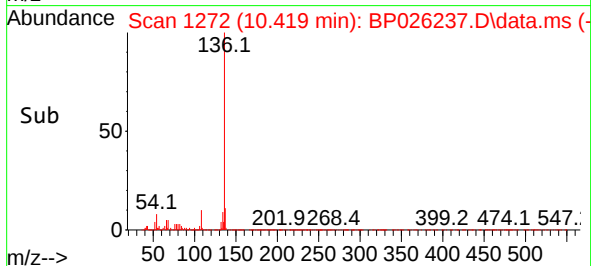
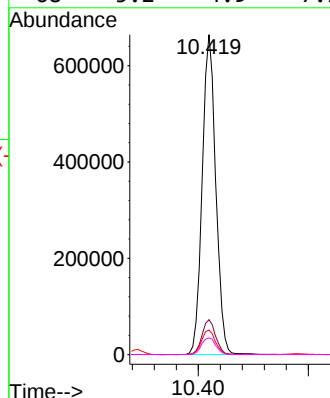
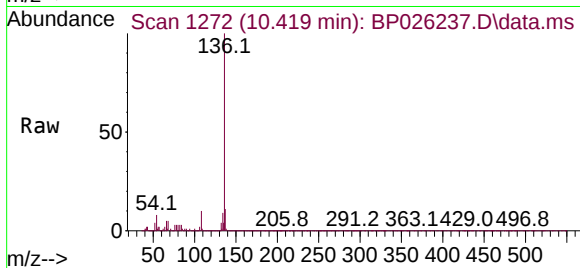


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

Tgt Ion:136 Resp: 1135347

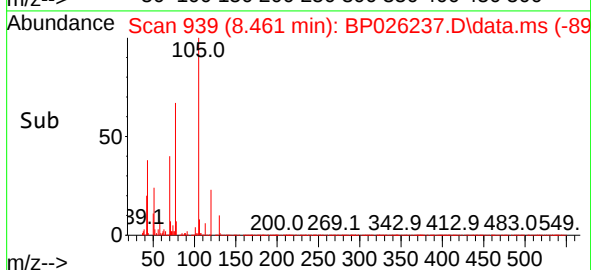
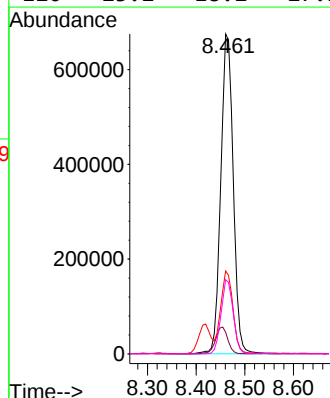
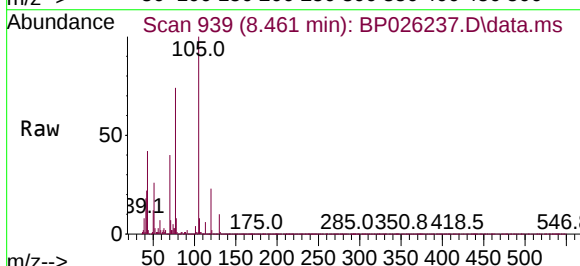
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.4	9.6
68	5.2	4.9	7.3

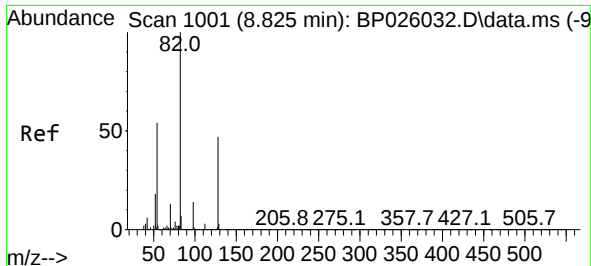


#22
Acetophenone
Concen: 41.442 ng
RT: 8.461 min Scan# 939
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:105 Resp: 1195939

Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.0	4.4
51	26.0	20.5	30.7
120	23.2	18.2	27.2

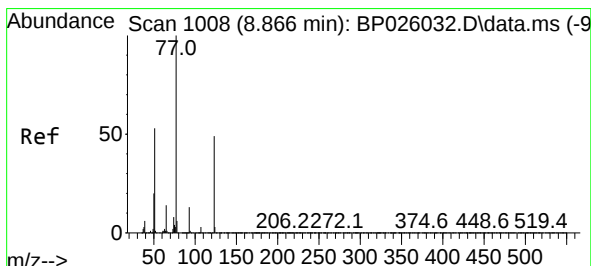
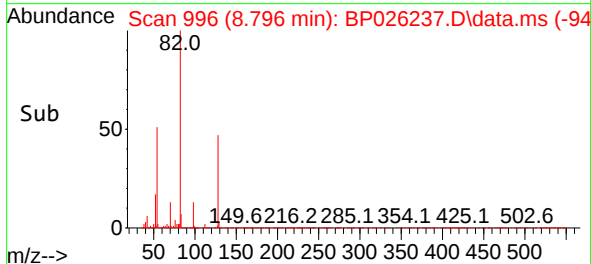
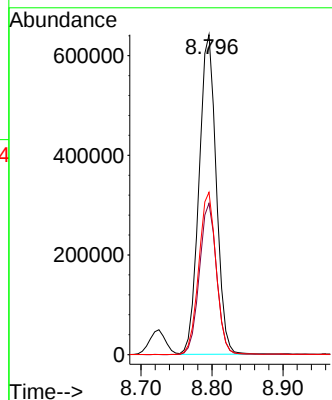
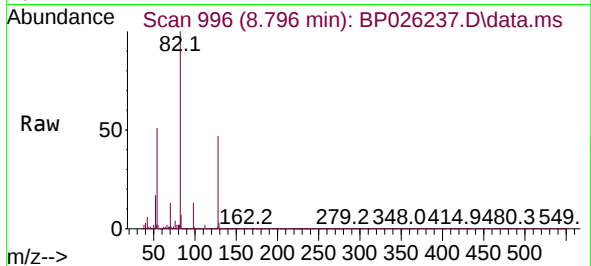




#23
Nitrobenzene-d5
Concen: 53.792 ng
RT: 8.796 min Scan# 99
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

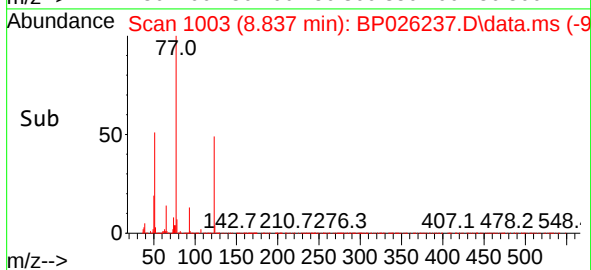
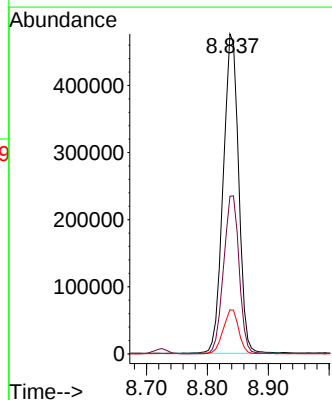
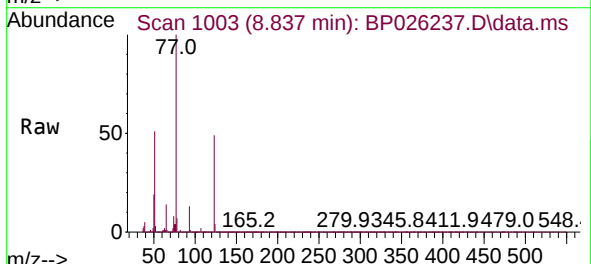
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

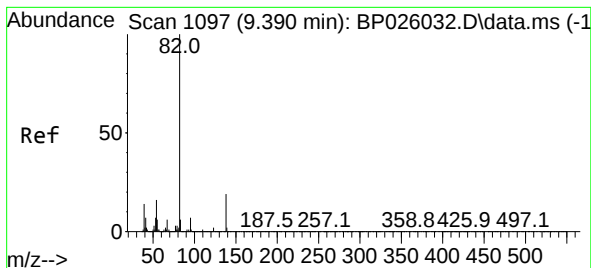
Tgt Ion: 82 Resp: 1075173
Ion Ratio Lower Upper
82 100
128 47.3 37.4 56.0
54 50.7 41.6 62.4



#24
Nitrobenzene
Concen: 41.530 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion: 77 Resp: 839666
Ion Ratio Lower Upper
77 100
123 49.3 39.8 59.8
65 13.8 11.2 16.8





#25

Isophorone

Concen: 39.108 ng

RT: 9.361 min Scan# 1097

Delta R.T. -0.023 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

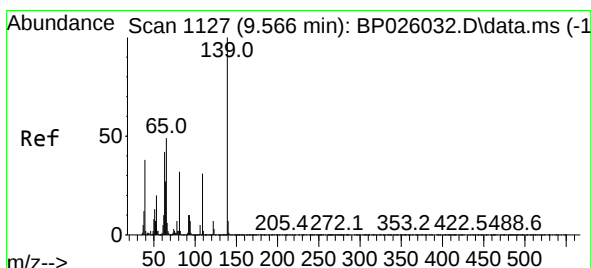
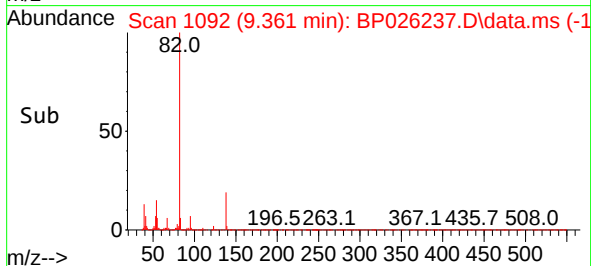
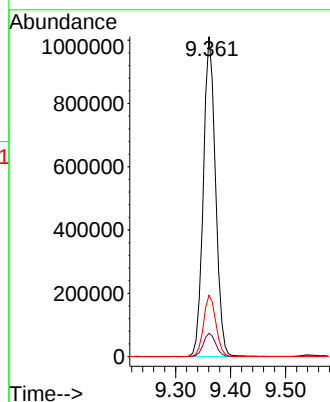
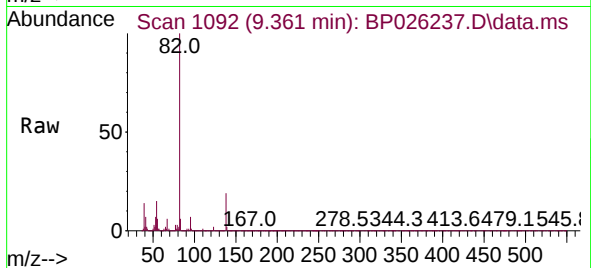
Tgt Ion: 82 Resp: 1549633

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.0

138 19.2 15.4 23.0



#26

2-Nitrophenol

Concen: 43.762 ng

RT: 9.543 min Scan# 1123

Delta R.T. -0.017 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

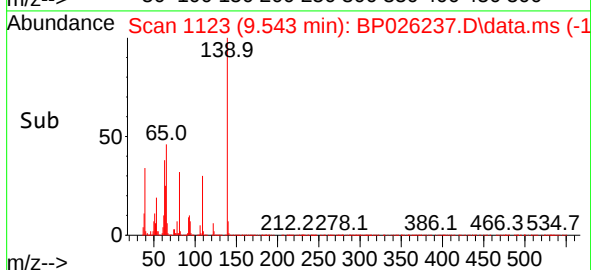
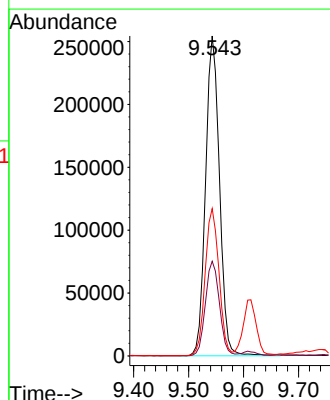
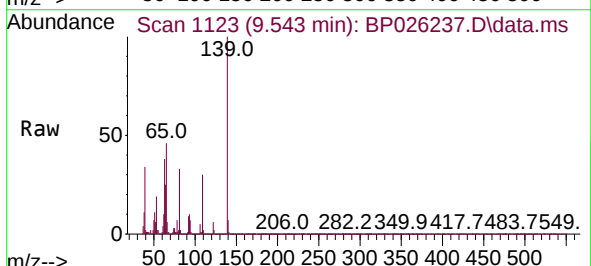
Tgt Ion: 139 Resp: 447719

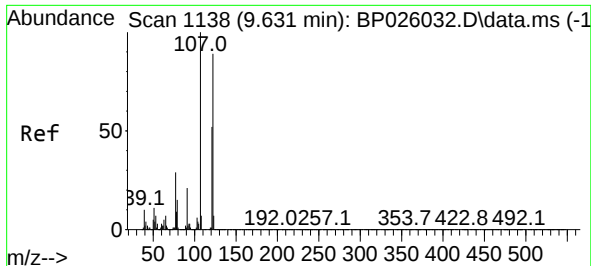
Ion Ratio Lower Upper

139 100

109 29.6 22.3 33.5

65 46.0 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 41.245 ng

RT: 9.613 min Scan# 1138

Delta R.T. -0.011 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

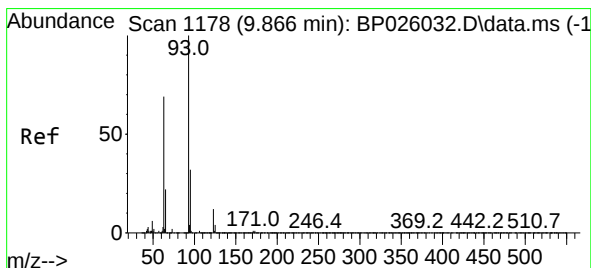
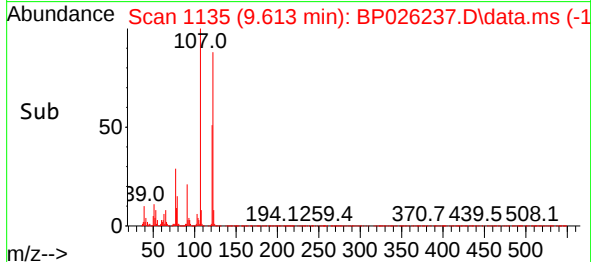
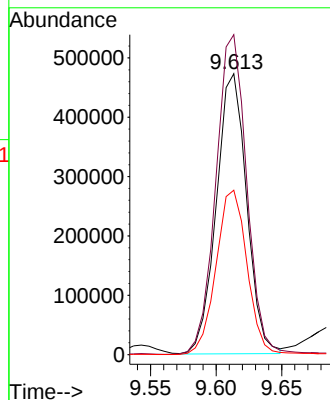
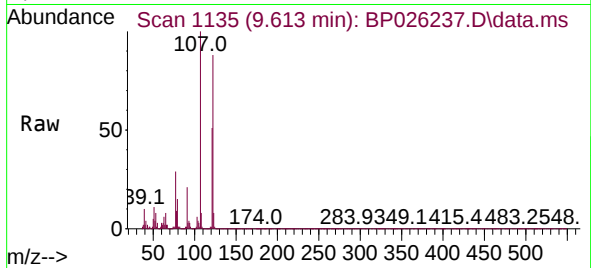
Tgt Ion:122 Resp: 760887

Ion Ratio Lower Upper

122 100

107 113.9 91.0 136.6

121 58.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.010 ng

RT: 9.837 min Scan# 1173

Delta R.T. -0.023 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

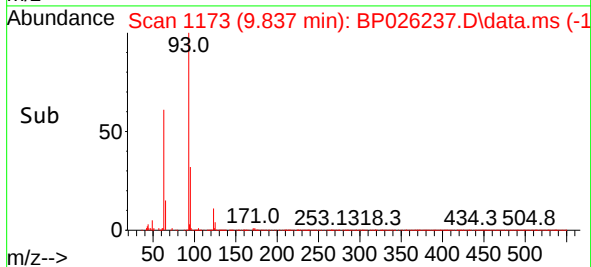
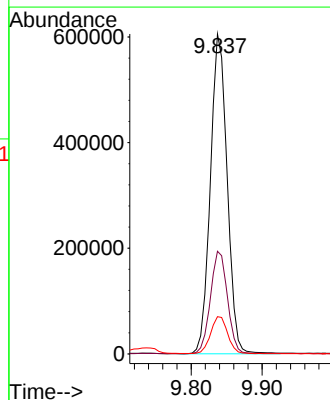
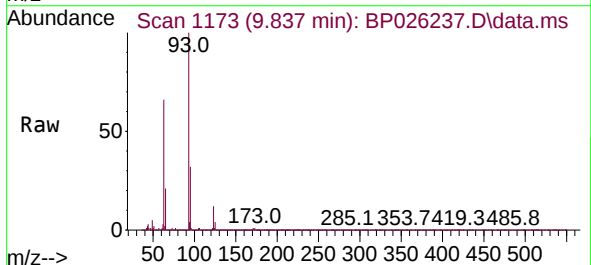
Tgt Ion: 93 Resp: 992908

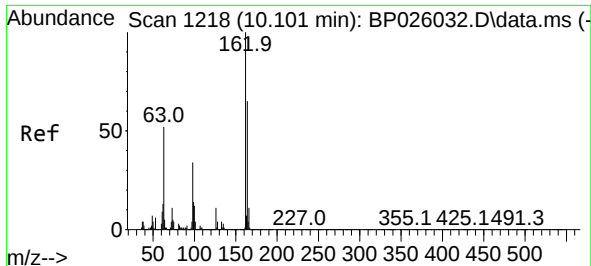
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.547 ng

RT: 10.072 min Scan# 1213

Delta R.T. -0.023 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

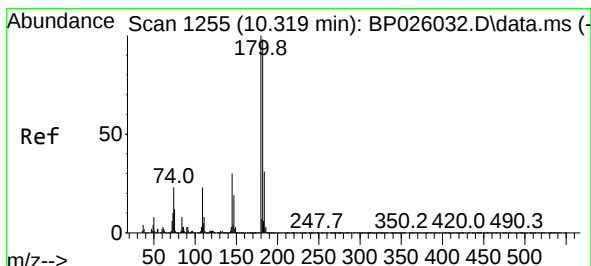
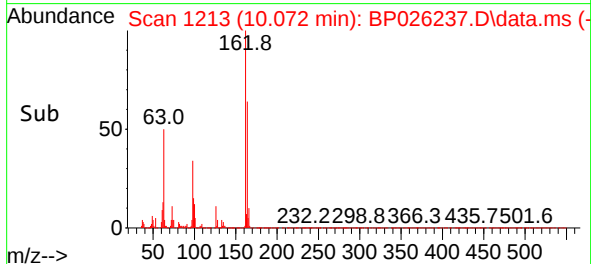
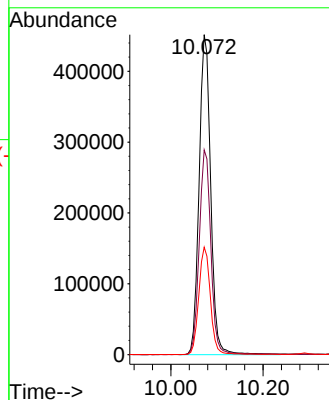
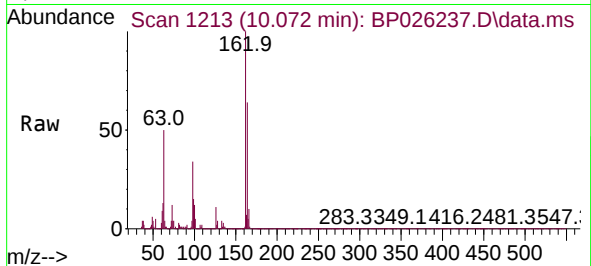
Tgt Ion:162 Resp: 784491

Ion Ratio Lower Upper

162 100

164 64.0 43.8 83.8

98 33.6 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 46.294 ng

RT: 10.290 min Scan# 1250

Delta R.T. -0.017 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

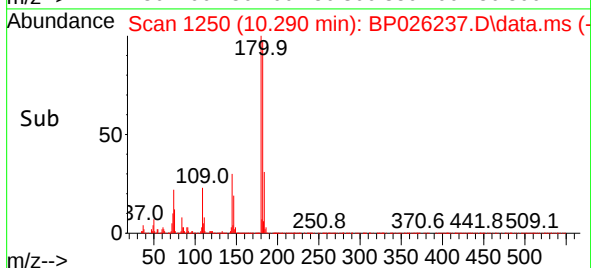
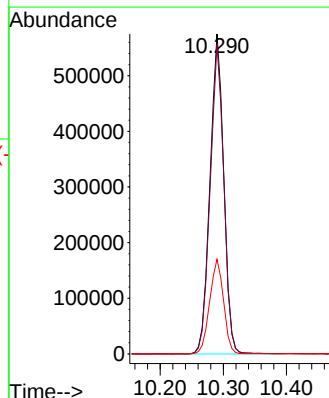
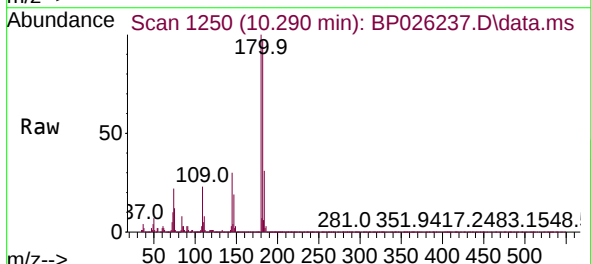
Tgt Ion:180 Resp: 869195

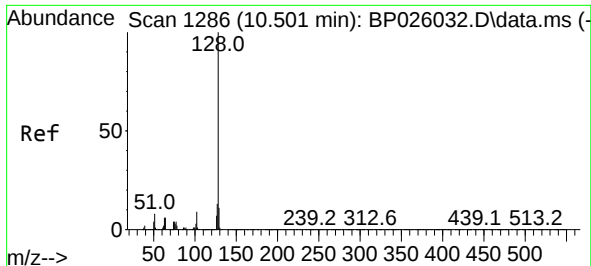
Ion Ratio Lower Upper

180 100

182 96.6 78.1 117.1

145 29.6 24.2 36.4

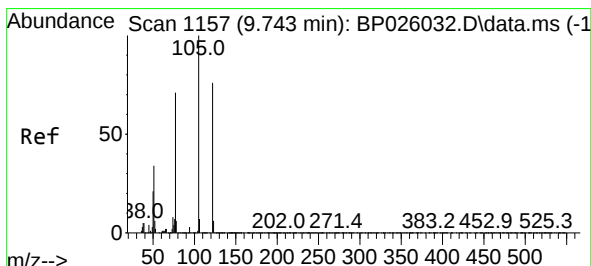
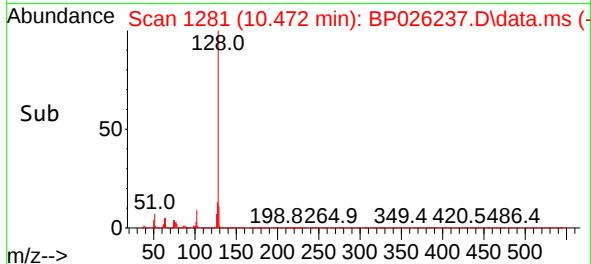
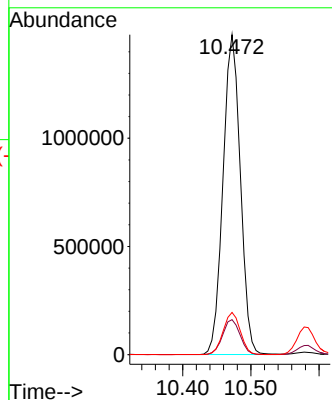
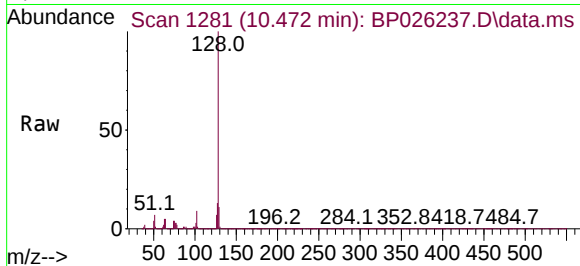




#31
Naphthalene
Concen: 42.360 ng
RT: 10.472 min Scan# 1281
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

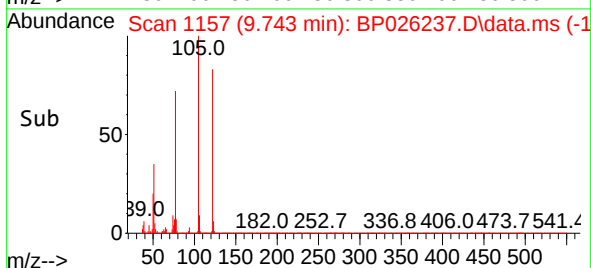
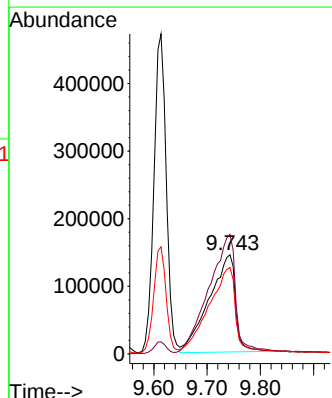
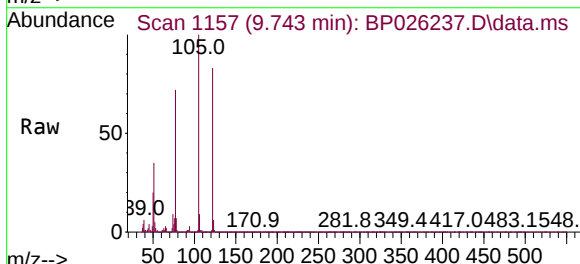
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

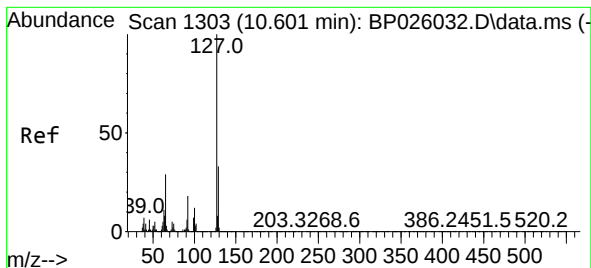
Tgt Ion:128 Resp: 2599152
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.2 15.4



#32
Benzoic acid
Concen: 31.945 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:122 Resp: 496278
Ion Ratio Lower Upper
122 100
105 120.5 100.1 140.1
77 87.1 66.7 106.7

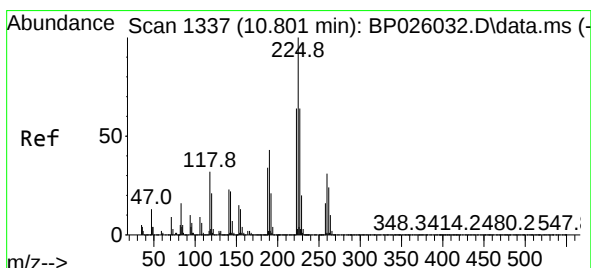
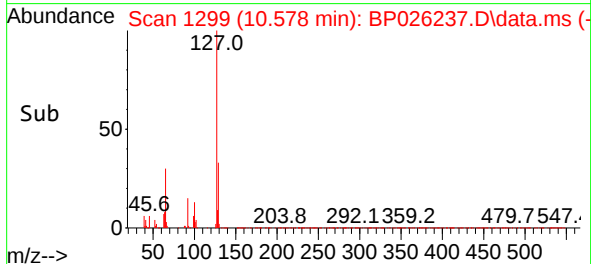
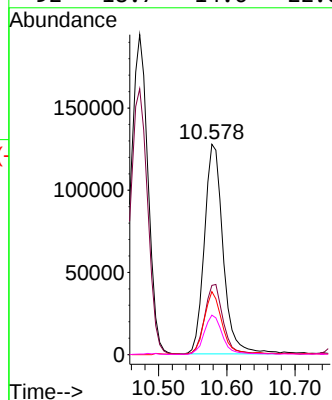
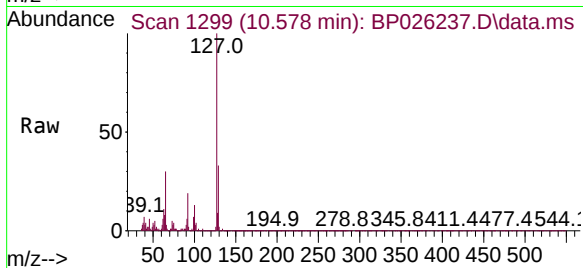




#33
4-Chloroaniline
Concen: 9.339 ng
RT: 10.578 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

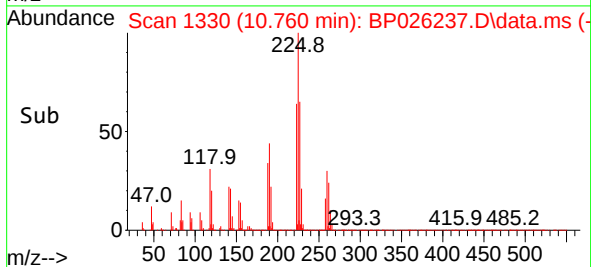
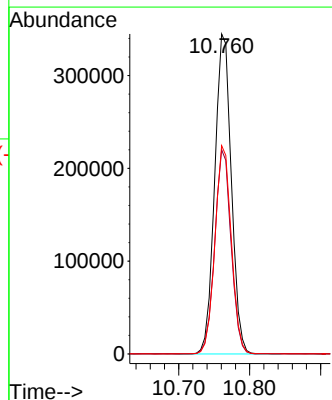
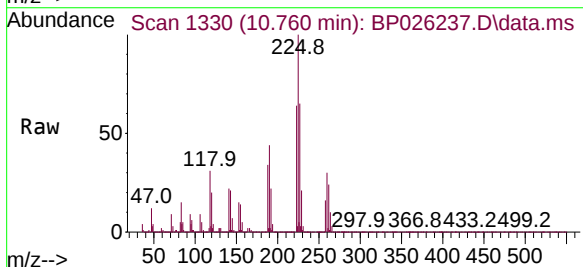
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

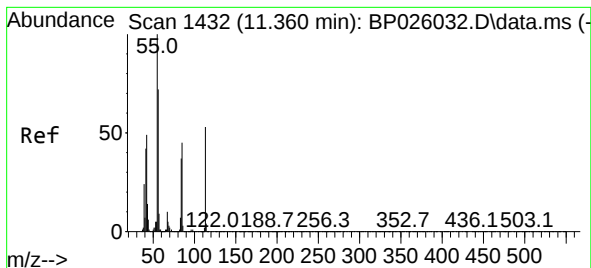
Tgt Ion:	127	Resp:	243703
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	29.9	22.7	34.1
92	18.7	14.6	22.0



#34
Hexachlorobutadiene
Concen: 45.952 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:	225	Resp:	561136
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	65.1	51.2	76.8

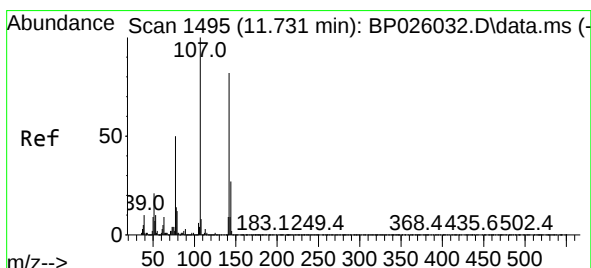
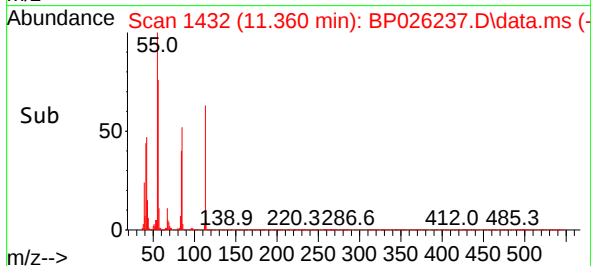
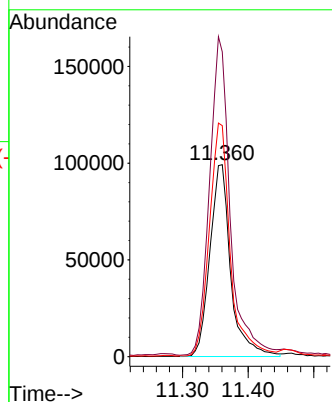
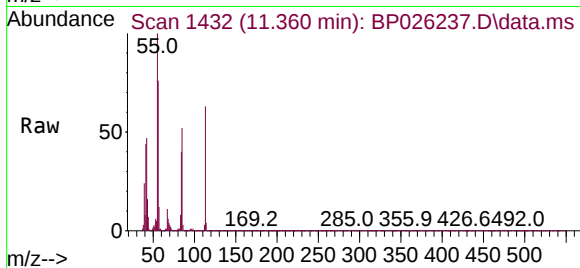




#35
 Caprolactam
 Concen: 33.094 ng
 RT: 11.360 min Scan# 1432
 Delta R.T. -0.017 min
 Lab File: BP026237.D
 Acq: 03 Dec 2025 21:46

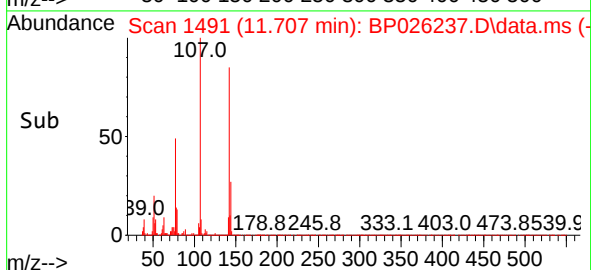
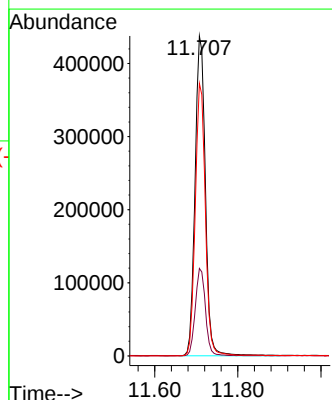
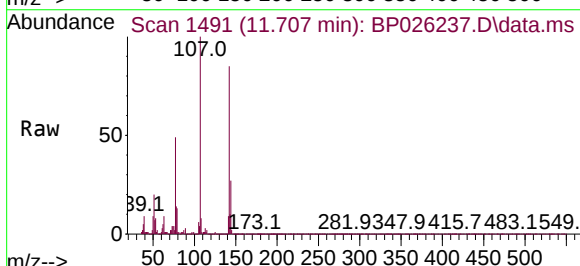
Instrument :
 BNA_P
 ClientSampleId :
 B50-SP4-112525MSD

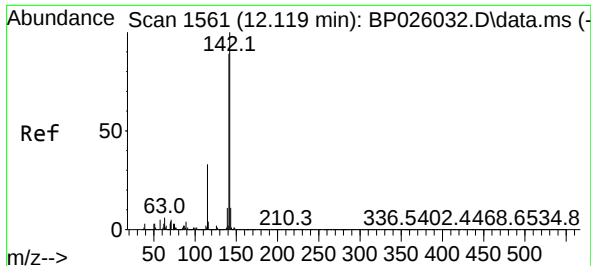
Tgt Ion:113 Resp: 218496
 Ion Ratio Lower Upper
 113 100
 55 158.8 153.0 193.0
 56 120.3 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.391 ng
 RT: 11.707 min Scan# 1491
 Delta R.T. -0.023 min
 Lab File: BP026237.D
 Acq: 03 Dec 2025 21:46

Tgt Ion:107 Resp: 752348
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.6 32.4
 142 85.1 65.6 98.4

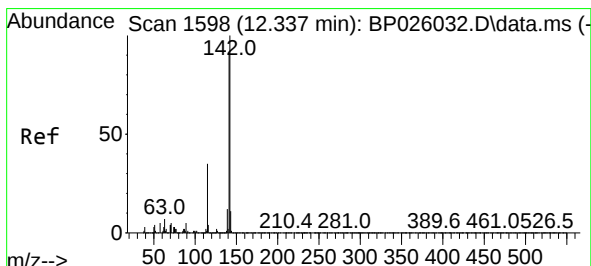
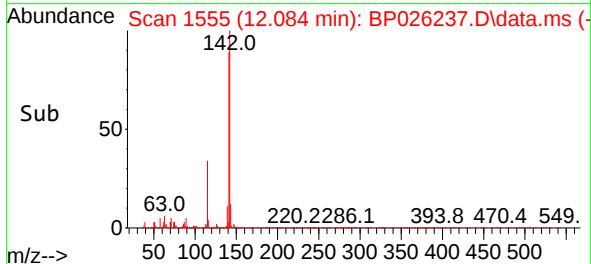
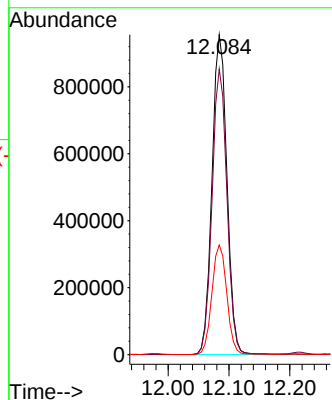
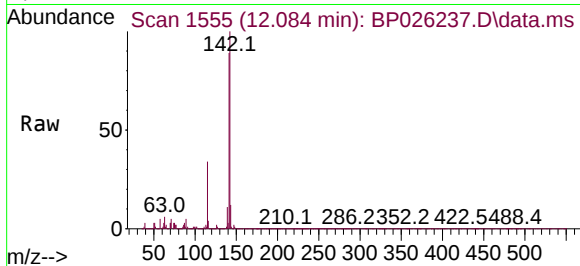




#37
2-Methylnaphthalene
Concen: 37.442 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

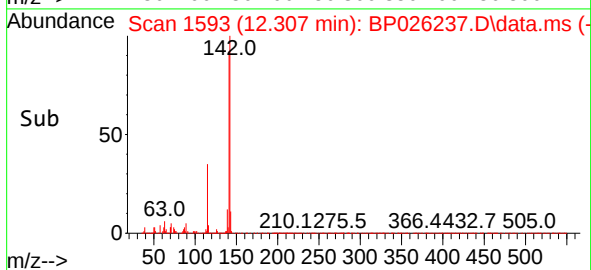
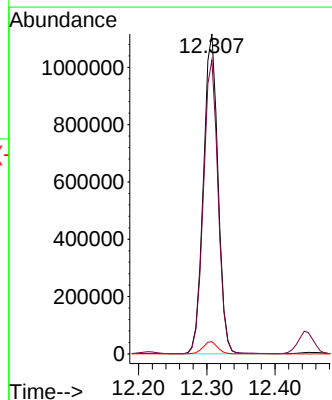
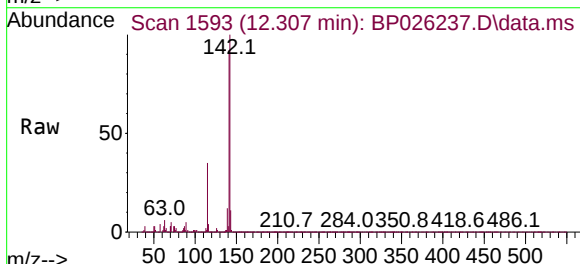
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

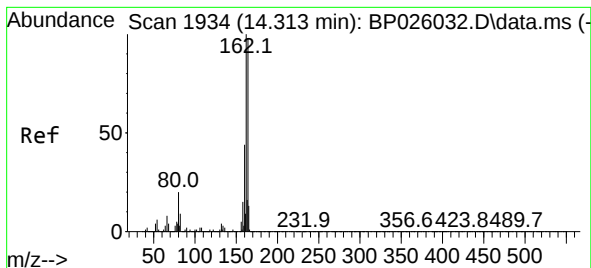
Tgt Ion:142 Resp: 1628726
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 34.3 26.6 39.8



#38
1-Methylnaphthalene
Concen: 39.030 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:142 Resp: 1659455
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3
116 3.8 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: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

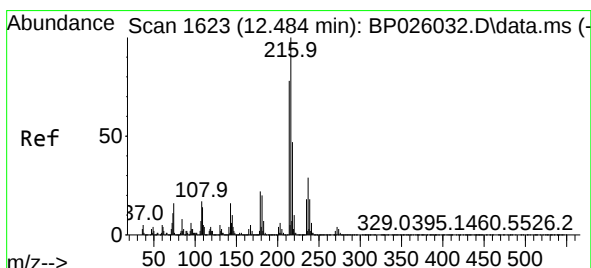
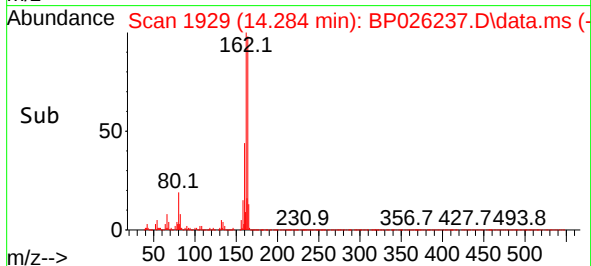
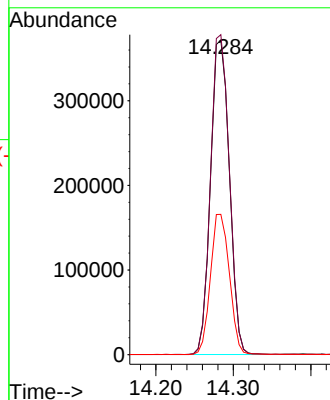
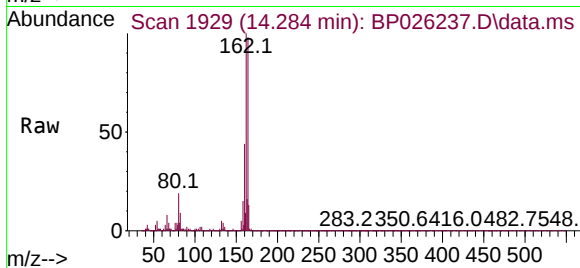
Tgt Ion:164 Resp: 627837

Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

160 44.6 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.324 ng

RT: 12.460 min Scan# 1619

Delta R.T. -0.029 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Tgt Ion:216 Resp: 936373

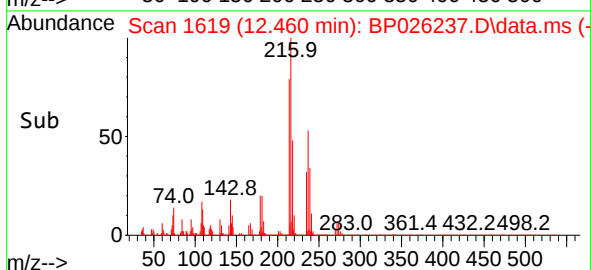
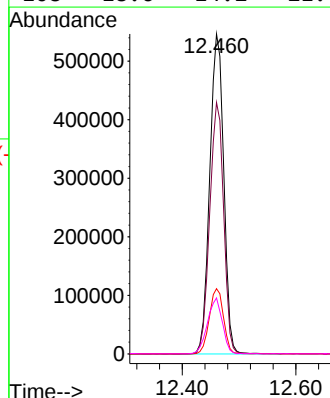
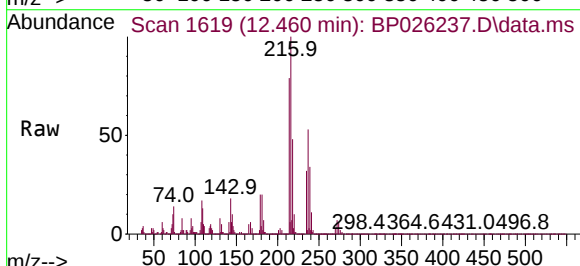
Ion Ratio Lower Upper

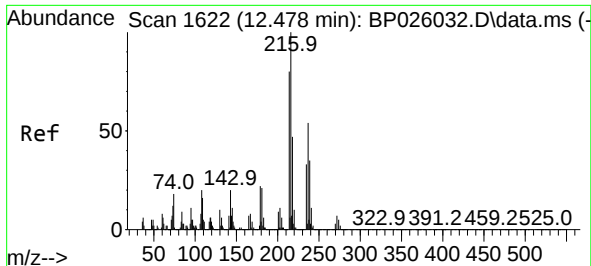
216 100

214 78.2 62.6 94.0

179 20.6 16.6 25.0

108 18.6 14.2 21.4

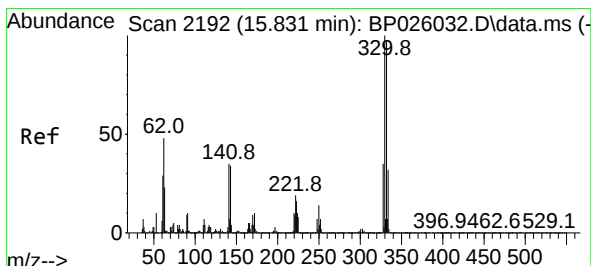
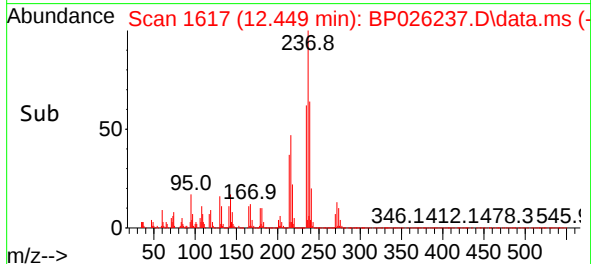
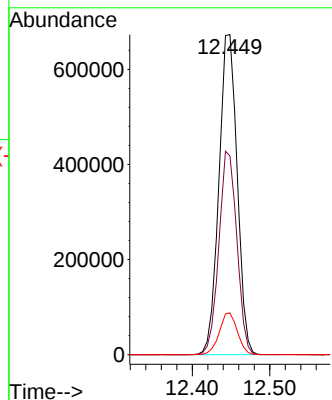
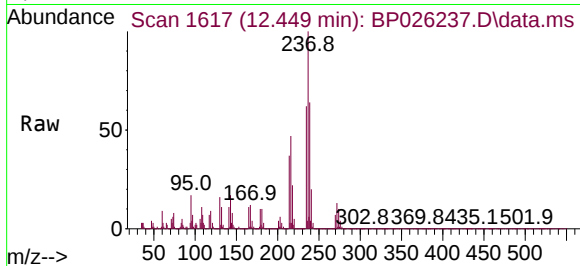




#41
Hexachlorocyclopentadiene
Concen: 88.804 ng
RT: 12.449 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

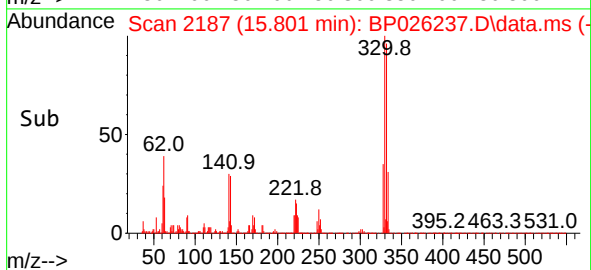
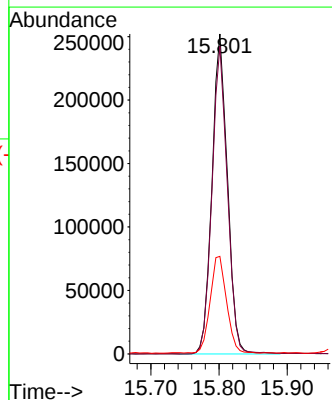
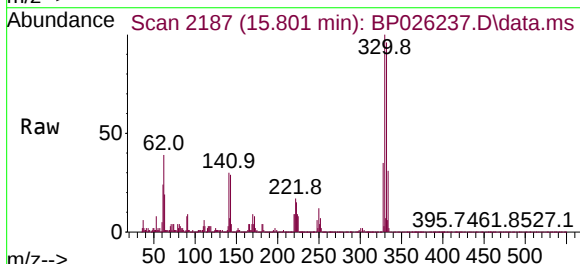
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

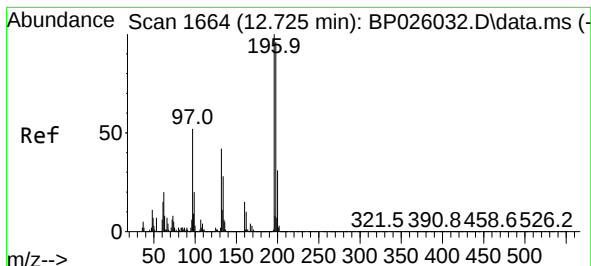
Tgt Ion:237 Resp: 1103338
Ion Ratio Lower Upper
237 100
235 62.1 43.3 83.3
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 48.539 ng
RT: 15.801 min Scan# 2187
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:330 Resp: 395326
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 32.1 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 46.401 ng

RT: 12.702 min Scan# 1660

Delta R.T. -0.023 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

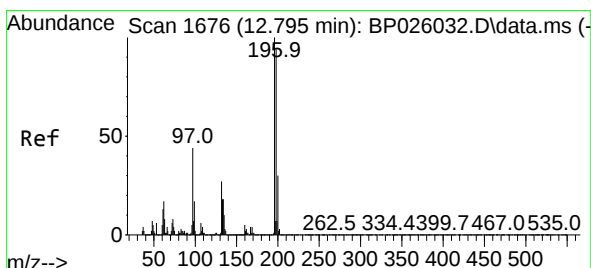
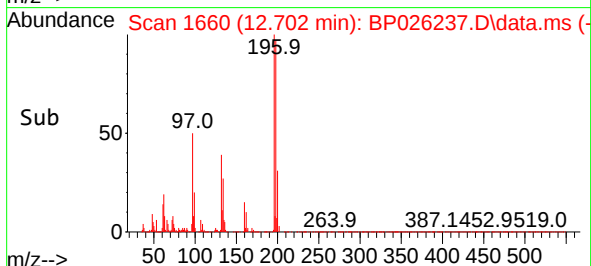
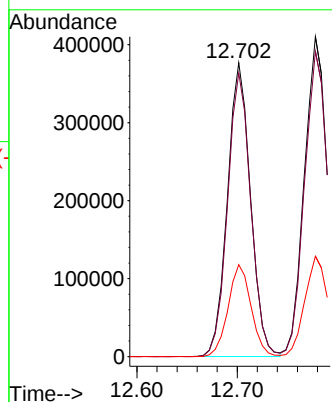
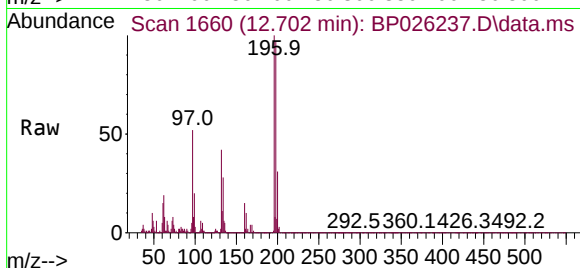
Tgt Ion:196 Resp: 603910

Ion Ratio Lower Upper

196 100

198 96.5 76.9 115.3

200 31.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.180 ng

RT: 12.778 min Scan# 1673

Delta R.T. -0.023 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Tgt Ion:196 Resp: 656368

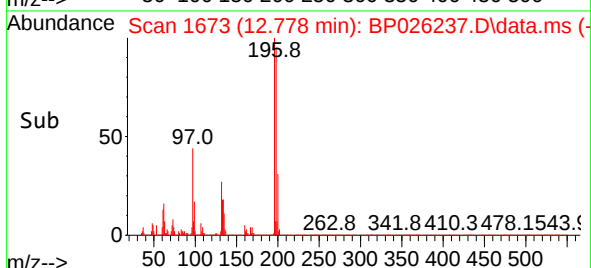
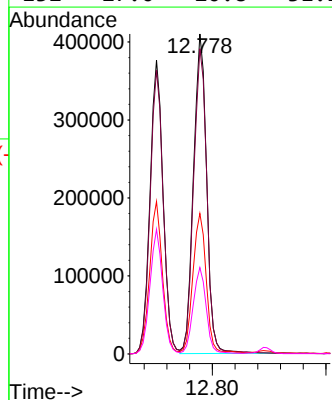
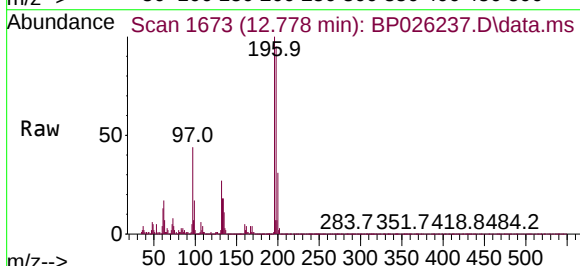
Ion Ratio Lower Upper

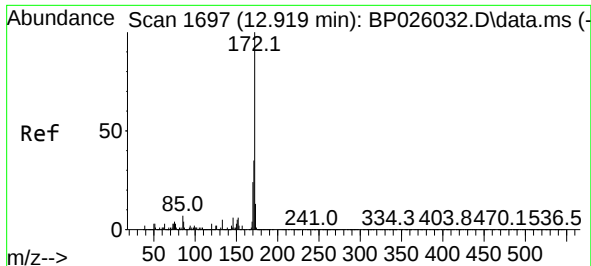
196 100

198 95.4 76.4 114.6

97 43.9 35.7 53.5

132 27.0 20.8 31.2

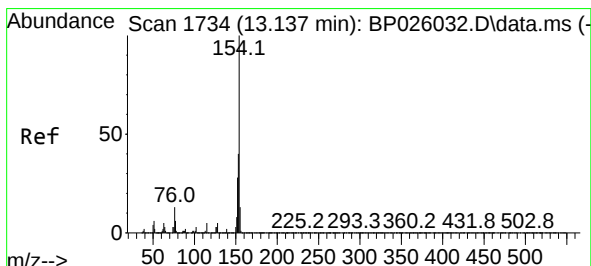
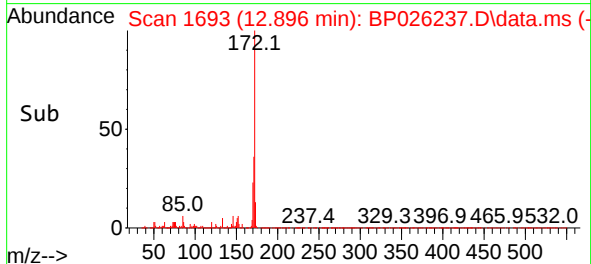
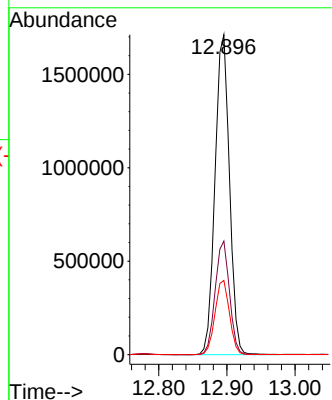
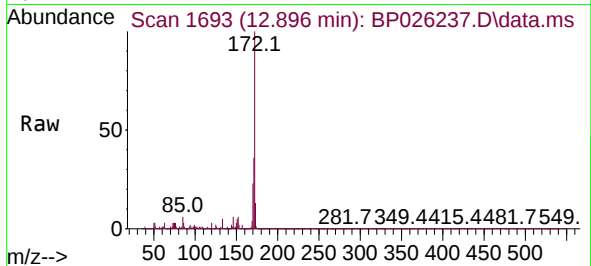




#45
2-Fluorobiphenyl
Concen: 58.606 ng
RT: 12.896 min Scan# 1697
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

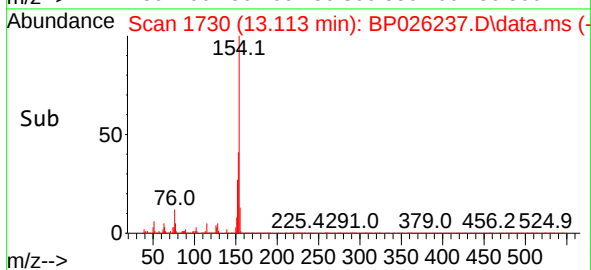
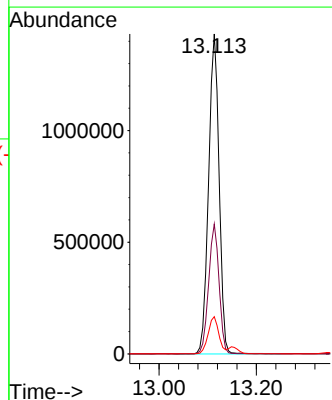
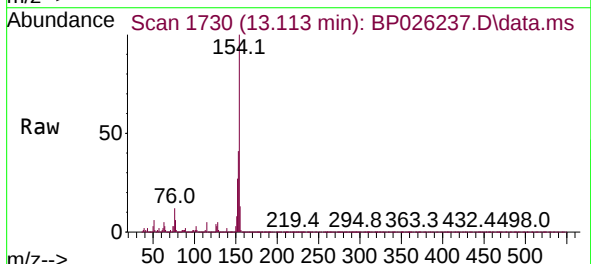
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

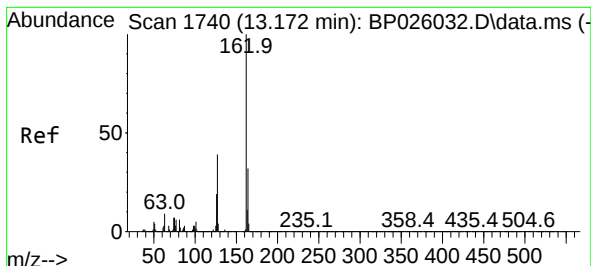
Tgt Ion:172 Resp: 2510601
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 45.650 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:154 Resp: 2158140
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 11.6 0.0 32.3

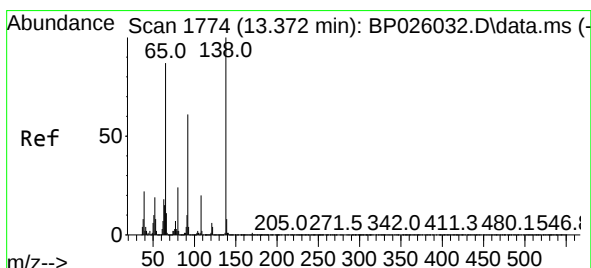
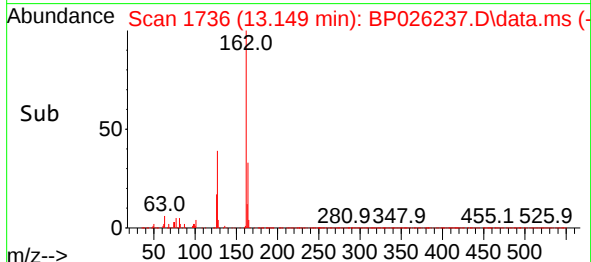
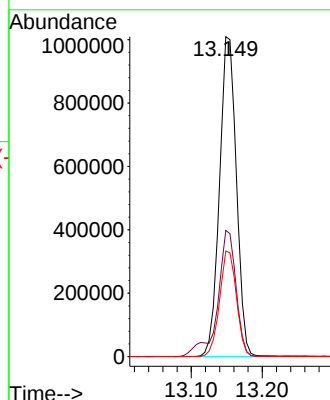
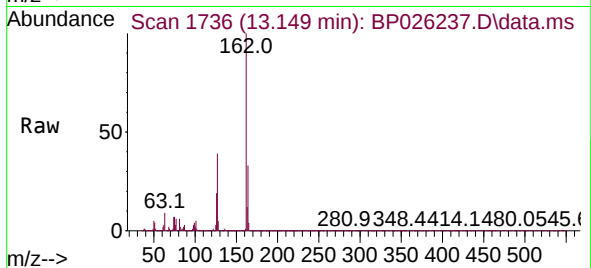




#47
2-Chloronaphthalene
Concen: 44.983 ng
RT: 13.149 min Scan# 1736
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

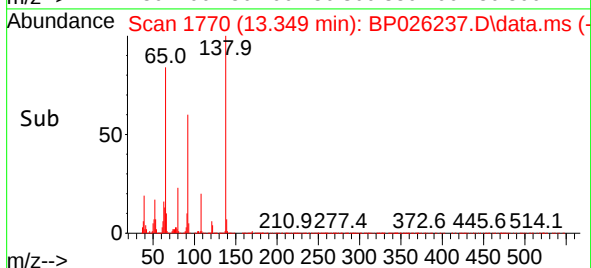
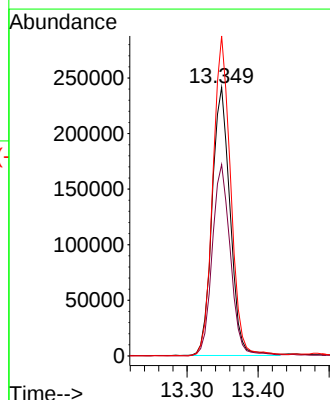
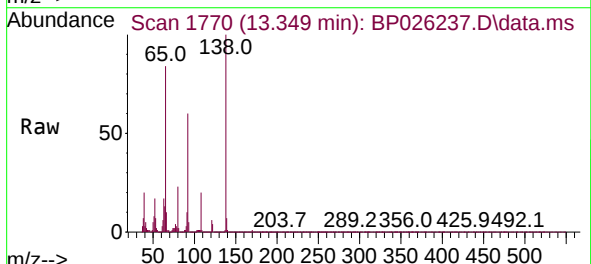
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

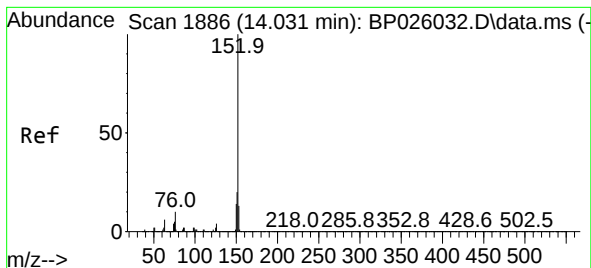
Tgt Ion:162 Resp: 1672289
Ion Ratio Lower Upper
162 100
127 39.4 30.9 46.3
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 41.181 ng
RT: 13.349 min Scan# 1770
Delta R.T. -0.029 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion: 65 Resp: 425729
Ion Ratio Lower Upper
65 100
92 71.2 59.1 88.7
138 119.2 96.6 145.0





#49

Acenaphthylene

Concen: 45.320 ng

RT: 14.001 min Scan# 1881

Delta R.T. -0.035 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

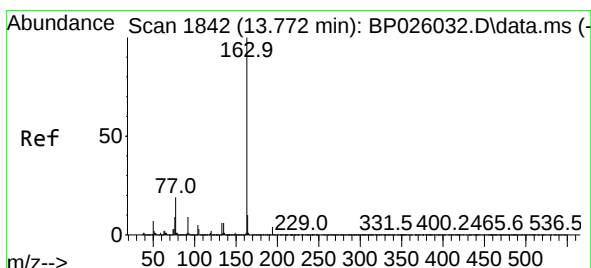
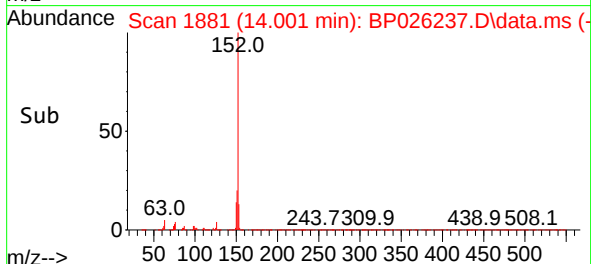
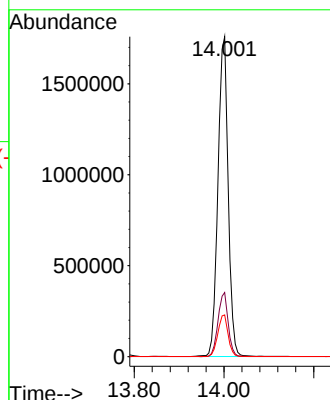
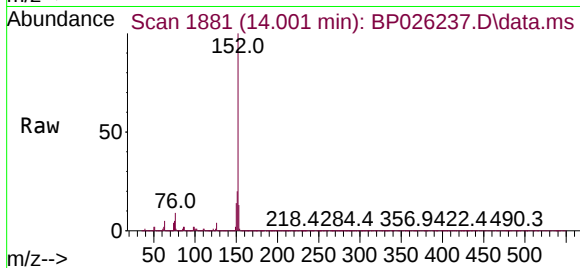
Tgt Ion:152 Resp: 2779034

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 42.921 ng

RT: 13.743 min Scan# 1837

Delta R.T. -0.029 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

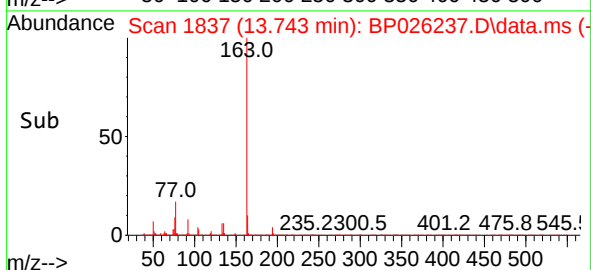
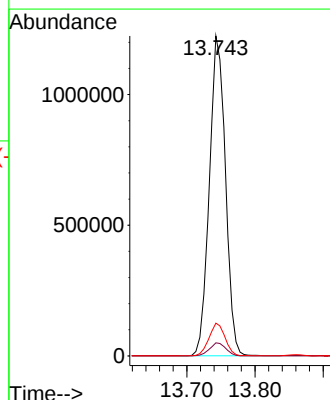
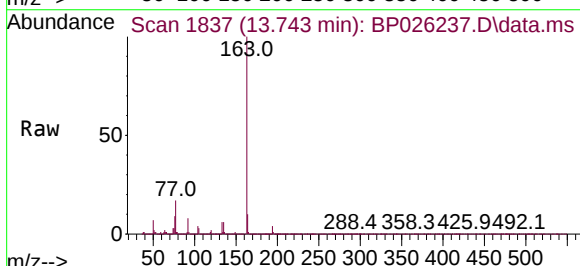
Tgt Ion:163 Resp: 2012668

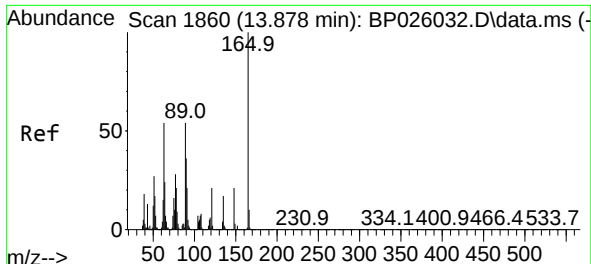
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.2

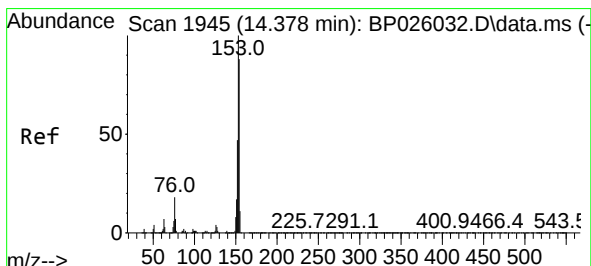
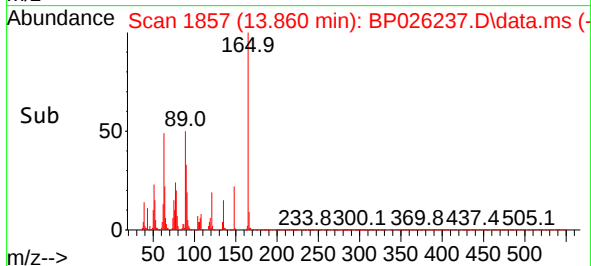
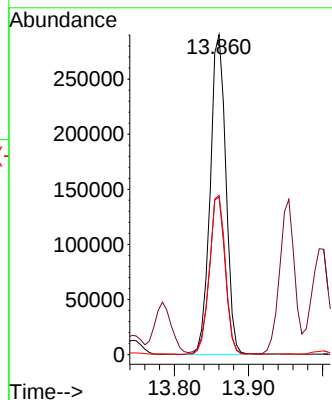
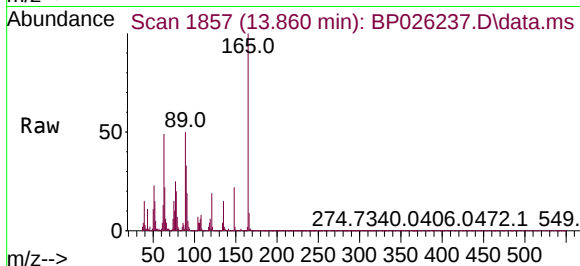




#51
2,6-Dinitrotoluene
Concen: 45.873 ng
RT: 13.860 min Scan# 1860
Delta R.T. -0.023 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

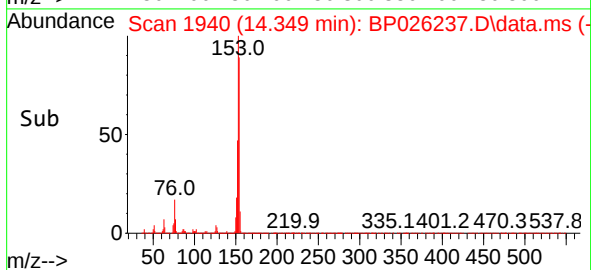
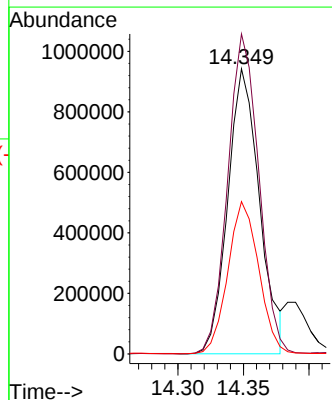
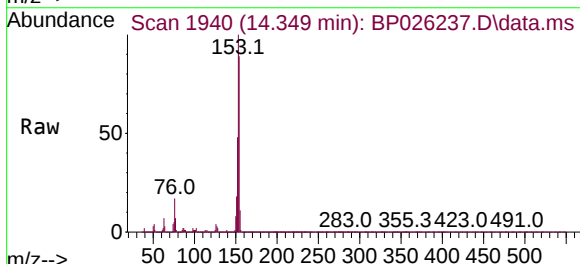
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

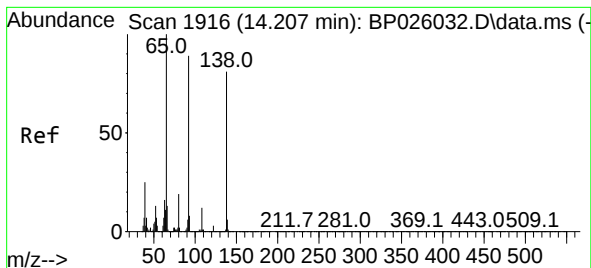
Tgt Ion:165 Resp: 426236
Ion Ratio Lower Upper
165 100
63 49.2 40.5 60.7
89 49.8 41.3 61.9



#52
Acenaphthene
Concen: 44.146 ng
RT: 14.349 min Scan# 1940
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:154 Resp: 1586435
Ion Ratio Lower Upper
154 100
153 112.2 90.7 136.1
152 53.4 42.8 64.2

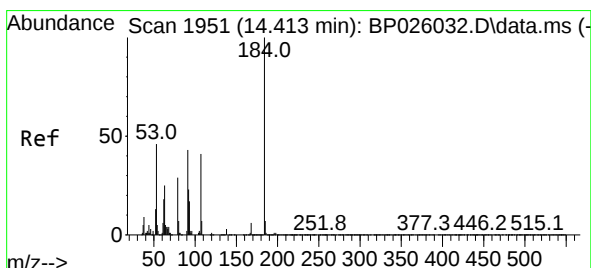
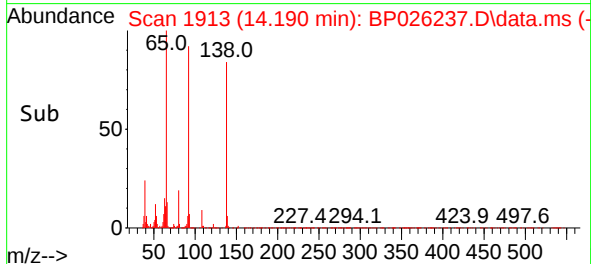
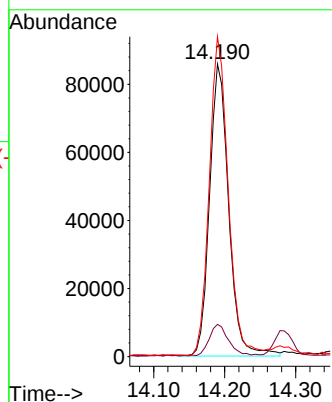
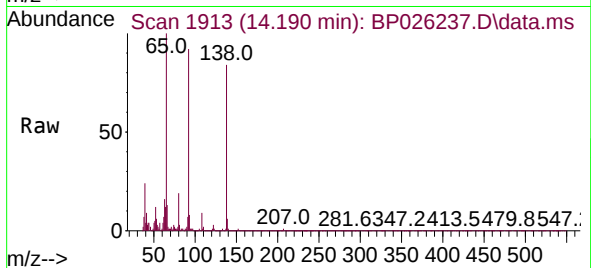




#53
3-Nitroaniline
Concen: 14.720 ng
RT: 14.190 min Scan# 1916
Delta R.T. -0.029 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

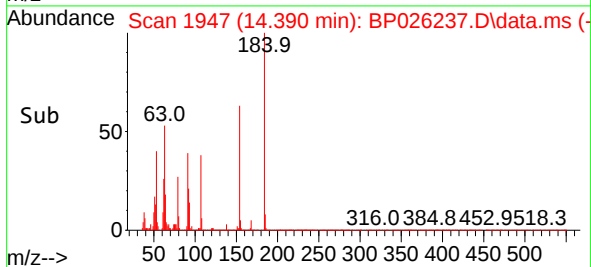
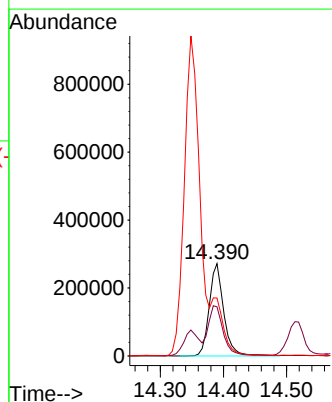
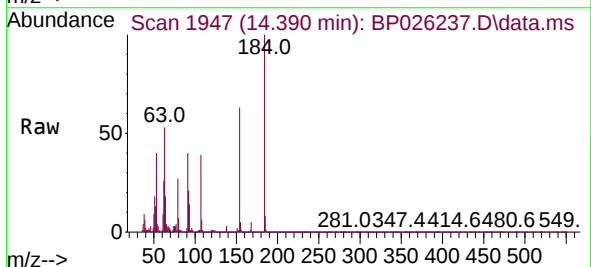
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

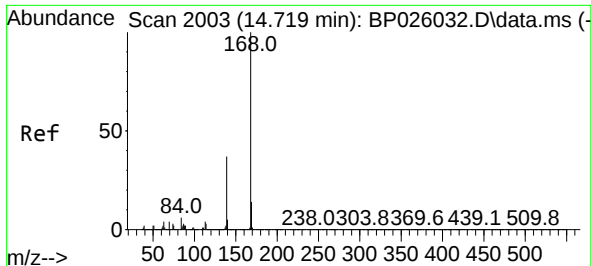
Tgt Ion:138 Resp: 161036
Ion Ratio Lower Upper
138 100
108 11.0 8.9 13.3
92 109.4 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 76.862 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.041 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:184 Resp: 431108
Ion Ratio Lower Upper
184 100
63 53.1 43.1 64.7
154 62.7 49.5 74.3

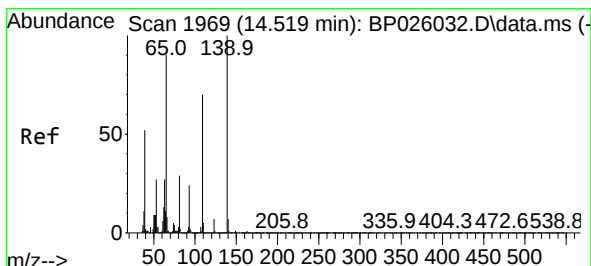
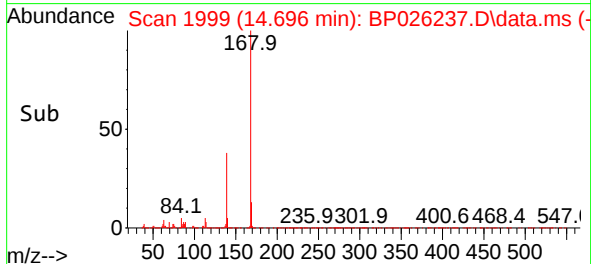
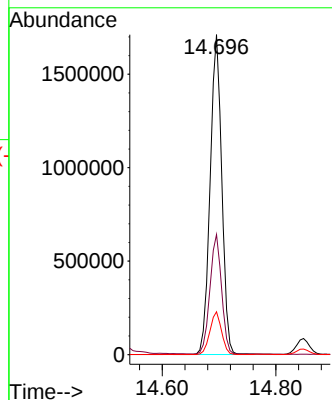
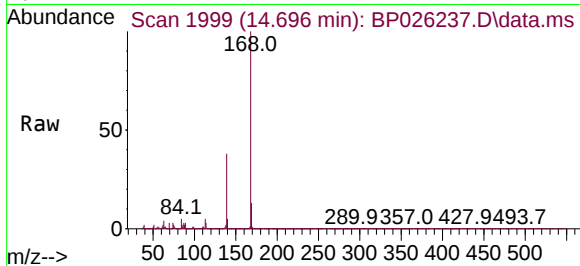




#55
Dibenzofuran
Concen: 43.921 ng
RT: 14.696 min Scan# 1999
Delta R.T. -0.029 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

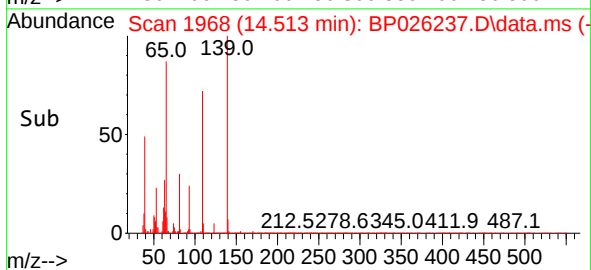
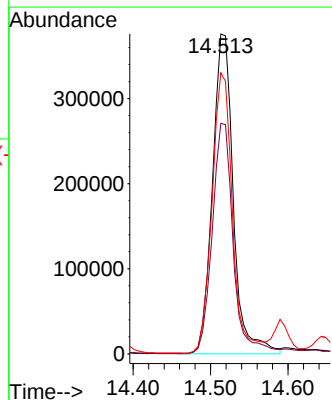
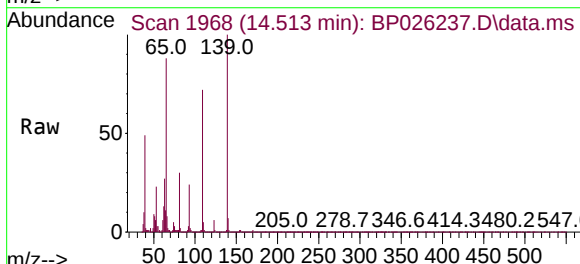
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

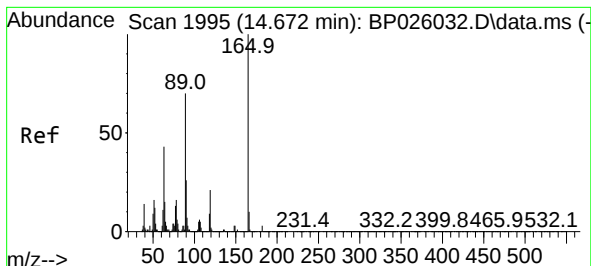
Tgt Ion:168 Resp: 2444615
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 70.893 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:139 Resp: 701626
Ion Ratio Lower Upper
139 100
109 72.0 46.8 86.8
65 87.8 69.3 109.3

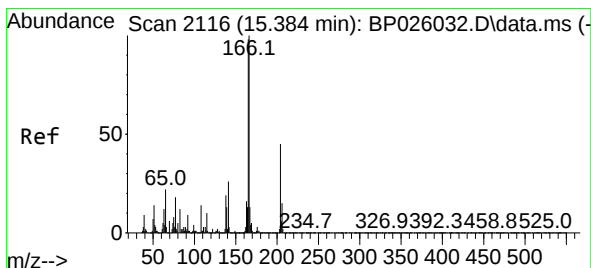
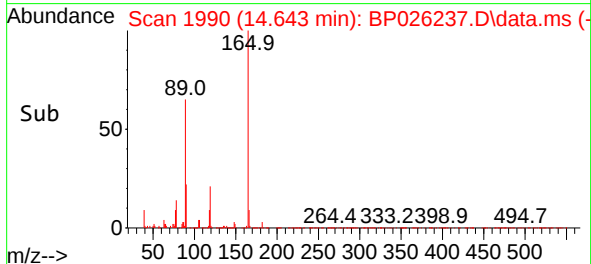
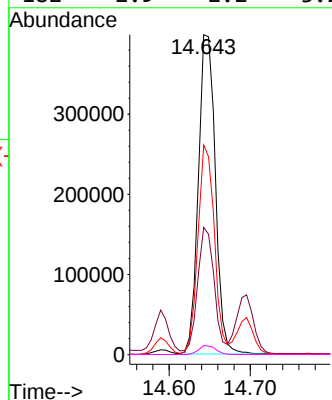
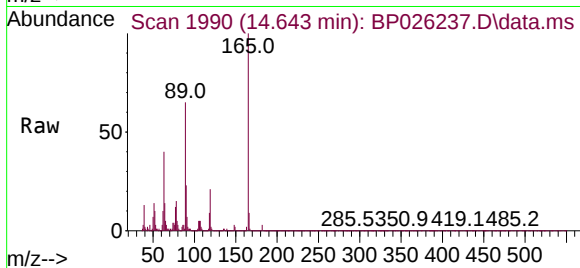




#57
2,4-Dinitrotoluene
Concen: 41.798 ng
RT: 14.643 min Scan# 1995
Delta R.T. -0.047 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

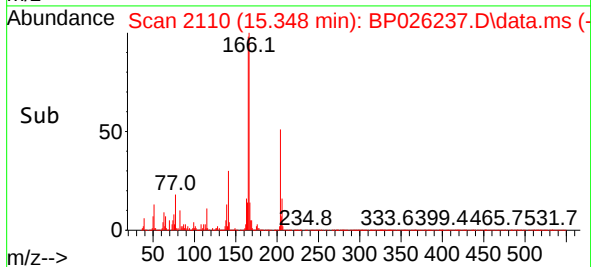
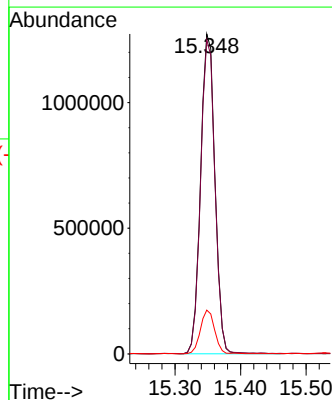
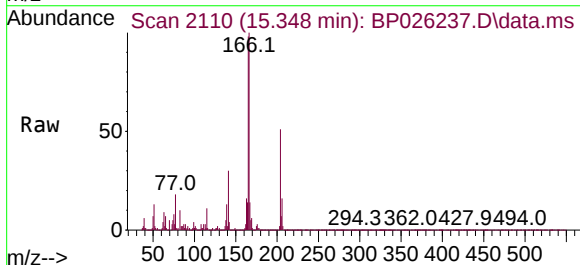
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

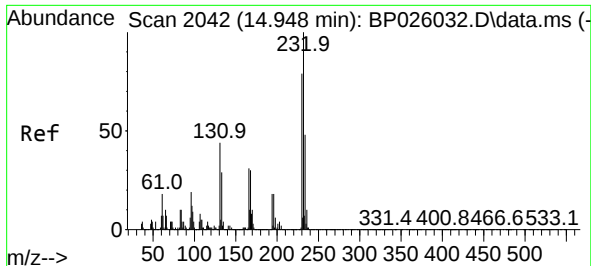
Tgt Ion:	165	Resp:	579891
Ion Ratio	Lower	Upper	
165	100		
63	39.7	31.0	46.6
89	65.5	51.7	77.5
182	2.9	2.2	3.2



#58
Fluorene
Concen: 43.678 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.041 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:	166	Resp:	1921546
Ion Ratio	Lower	Upper	
166	100		
165	98.1	77.9	116.9
167	13.7	11.0	16.4

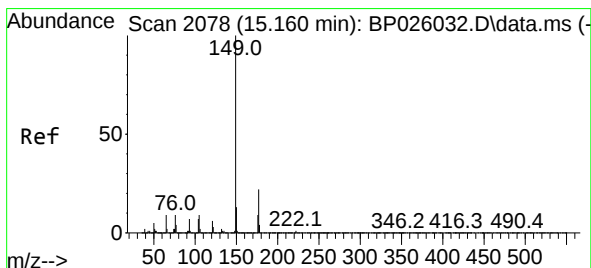
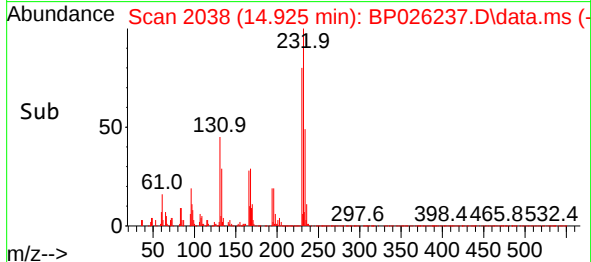
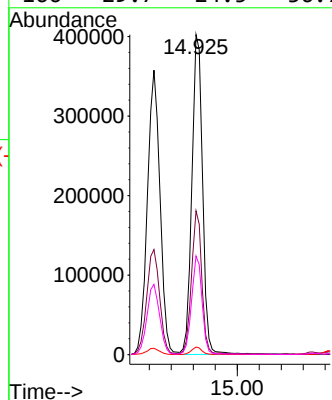
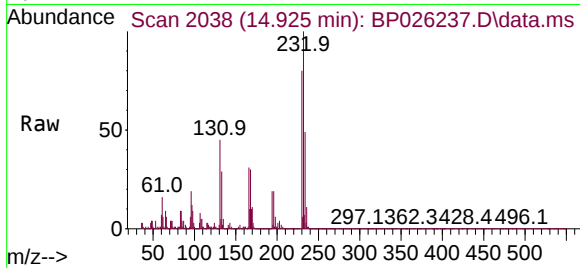




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.182 ng
RT: 14.925 min Scan# 2042
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

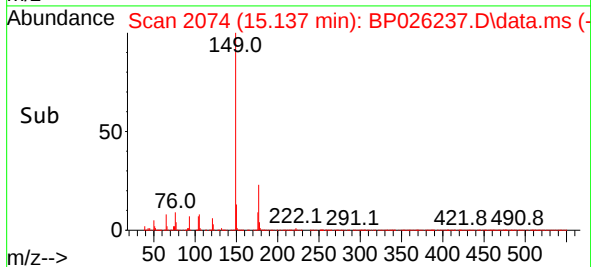
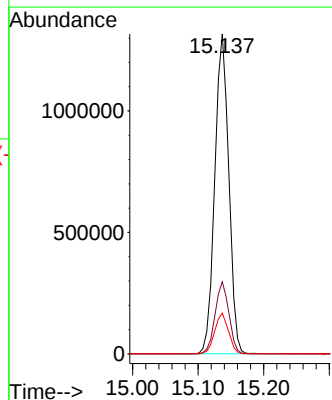
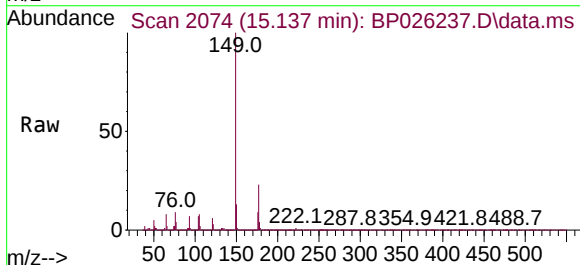
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

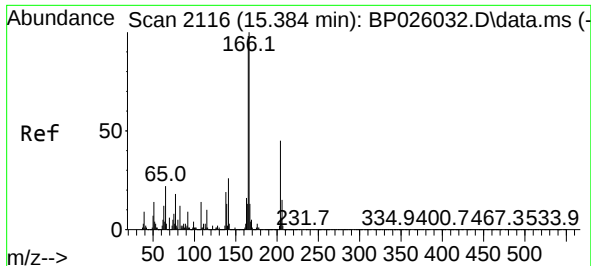
Tgt Ion:	232	Resp:	544526
Ion Ratio	Lower	Upper	
232	100		
131	43.1	34.8	52.2
130	2.2	1.8	2.8
166	29.7	24.5	36.7



#60
Diethylphthalate
Concen: 41.436 ng
RT: 15.137 min Scan# 2074
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:	149	Resp:	1957355
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.9	26.9
150	12.8	9.9	14.9

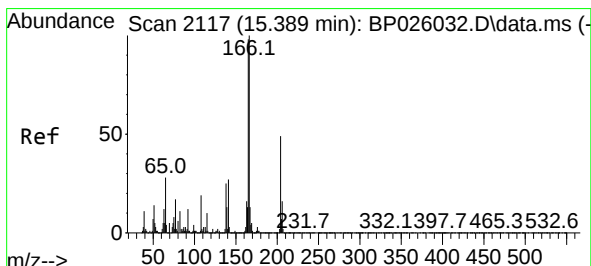
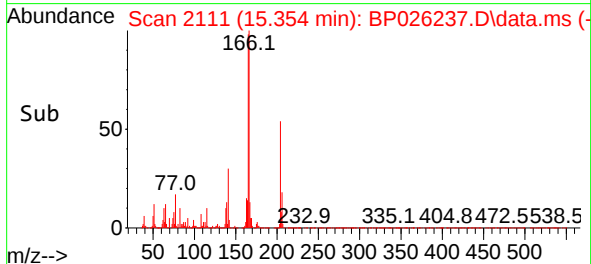
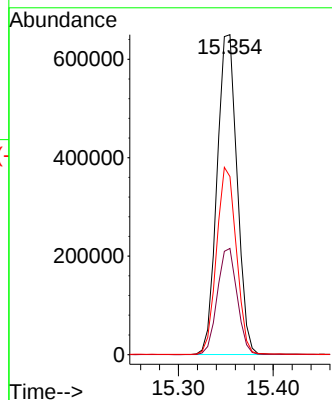
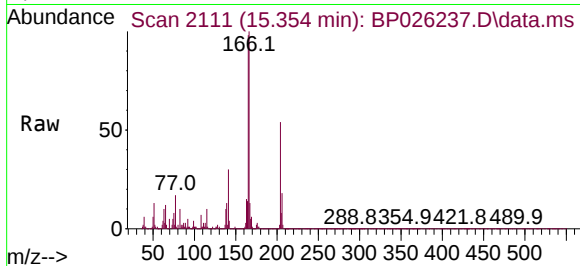




#61
4-Chlorophenyl-phenylether
Concen: 43.668 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

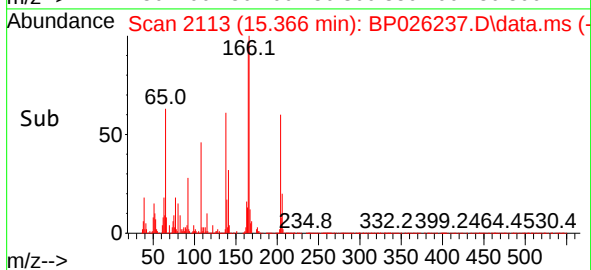
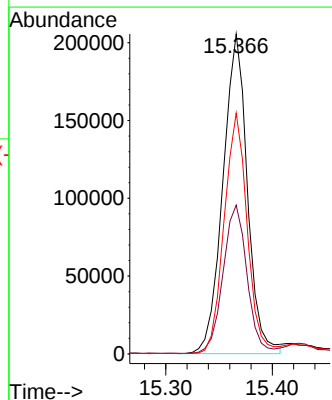
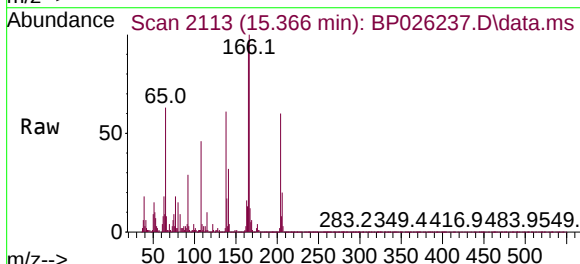
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

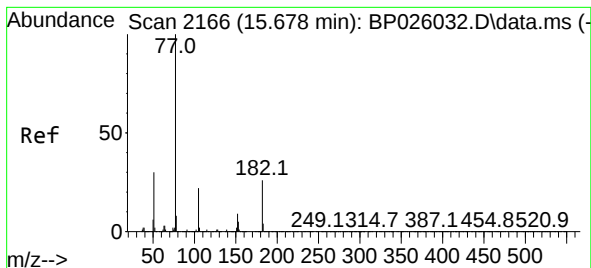
Tgt Ion:204 Resp: 955858
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 55.6 48.1 72.1



#62
4-Nitroaniline
Concen: 28.832 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:138 Resp: 327547
Ion Ratio Lower Upper
138 100
92 46.5 27.5 67.5
108 75.3 51.1 91.1





#63

Azobenzene

Concen: 45.740 ng

RT: 15.648 min Scan# 21

Delta R.T. -0.041 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

Tgt Ion: 77 Resp: 1821853

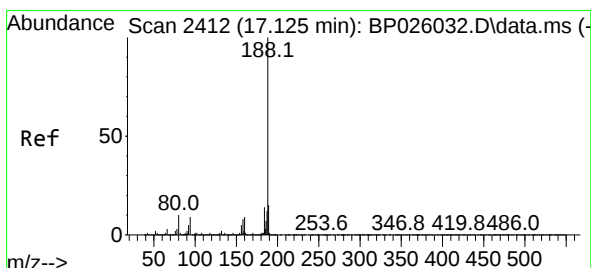
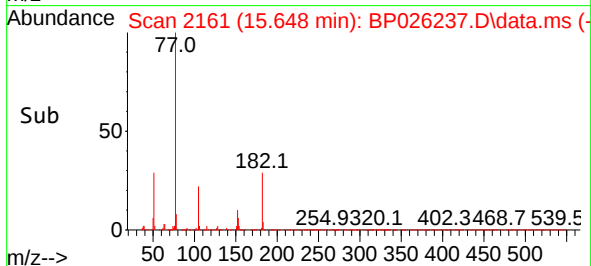
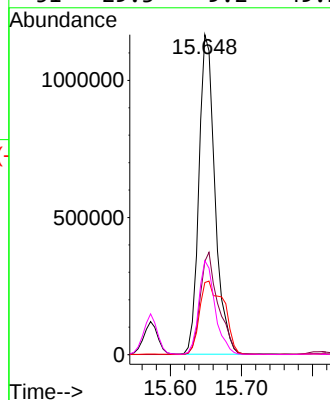
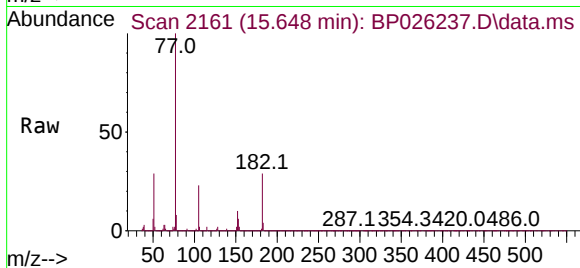
Ion Ratio Lower Upper

77 100

182 29.1 8.8 48.8

105 22.5 2.6 42.6

51 29.3 9.2 49.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.084 min Scan# 2405

Delta R.T. -0.047 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

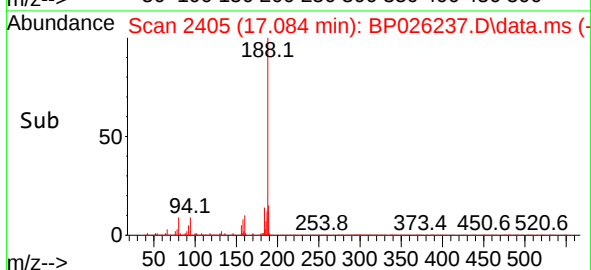
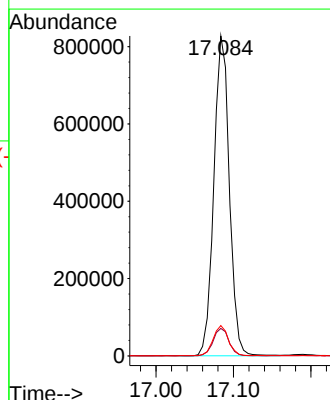
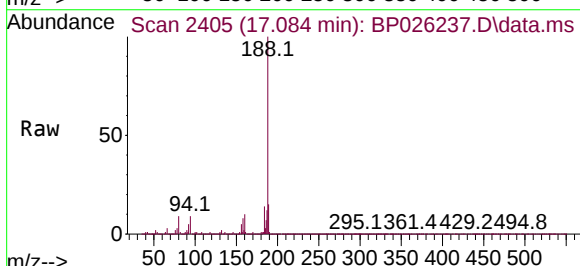
Tgt Ion:188 Resp: 1150582

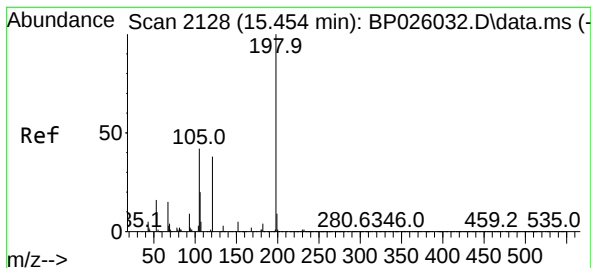
Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

80 9.5 8.2 12.2

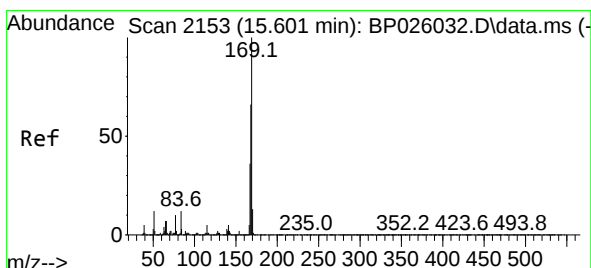
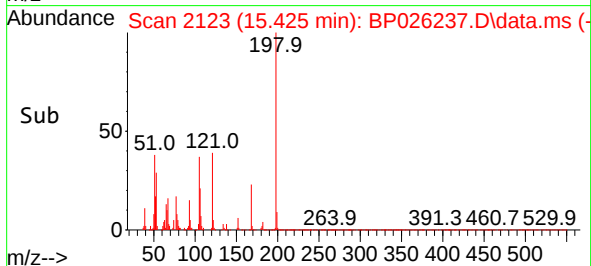
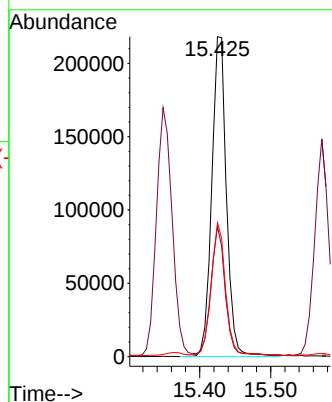
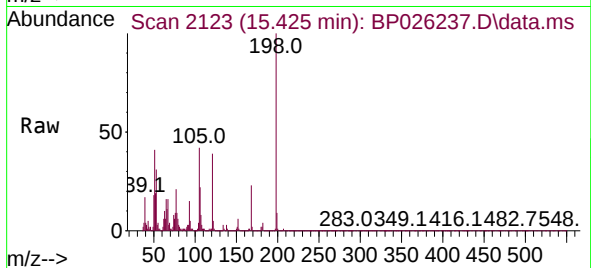




#65
4,6-Dinitro-2-methylphenol
Concen: 42.848 ng
RT: 15.425 min Scan# 2118
Delta R.T. -0.041 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

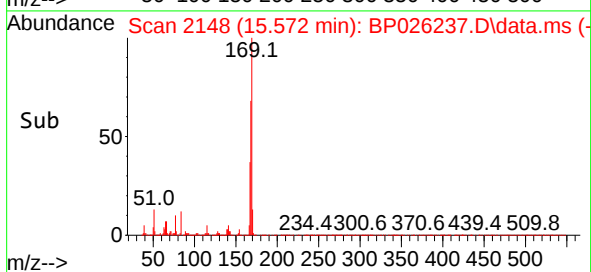
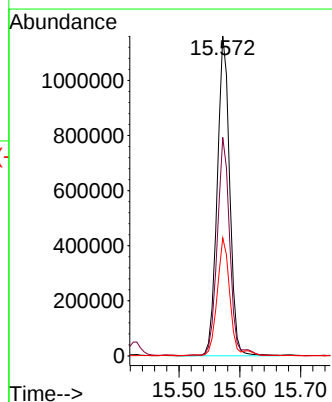
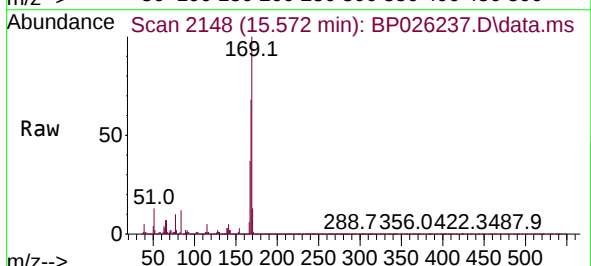
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

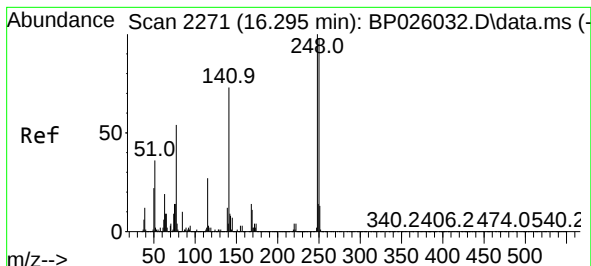
Tgt Ion:198 Resp: 313196
Ion Ratio Lower Upper
198 100
51 40.6 18.4 58.4
105 41.9 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 46.457 ng
RT: 15.572 min Scan# 2148
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:169 Resp: 1653493
Ion Ratio Lower Upper
169 100
168 68.3 53.1 79.7
167 36.9 28.9 43.3

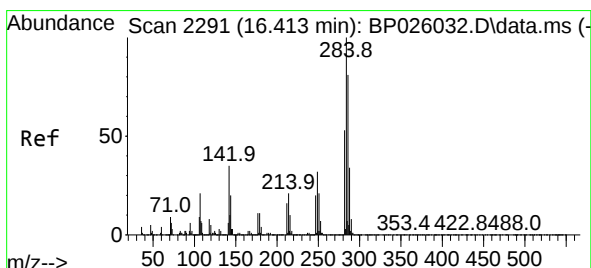
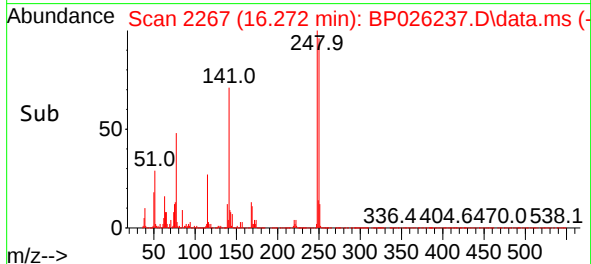
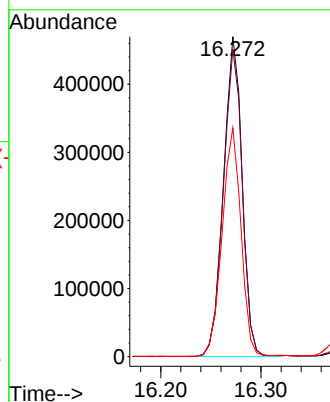
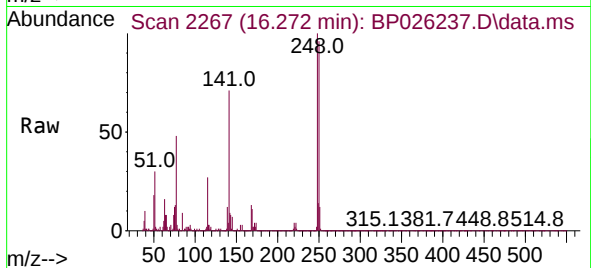




#67
4-Bromophenyl-phenylether
Concen: 47.882 ng
RT: 16.272 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

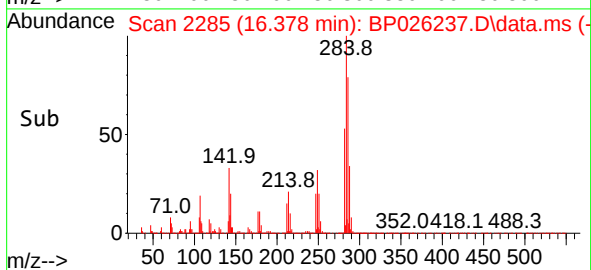
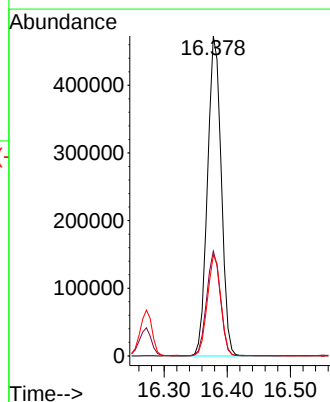
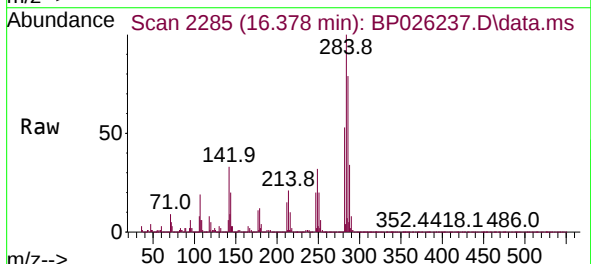
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

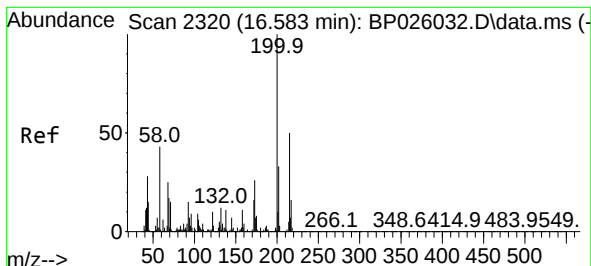
Tgt Ion:248 Resp: 610125
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.6
141 71.5 55.4 83.0



#68
Hexachlorobenzene
Concen: 48.204 ng
RT: 16.378 min Scan# 2285
Delta R.T. -0.047 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:284 Resp: 712742
Ion Ratio Lower Upper
284 100
142 32.7 28.0 42.0
249 31.5 25.0 37.4





#69

Atrazine

Concen: 45.044 ng

RT: 16.554 min Scan# 2315

Delta R.T. -0.035 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

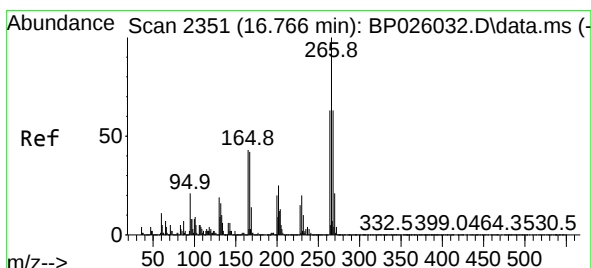
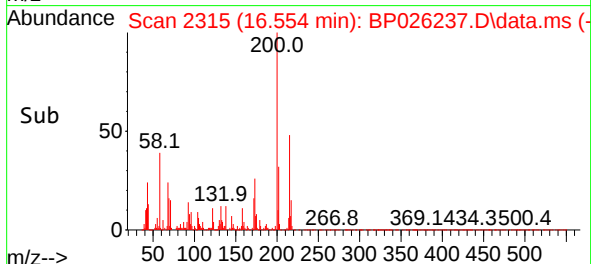
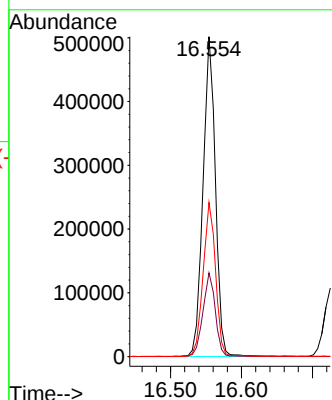
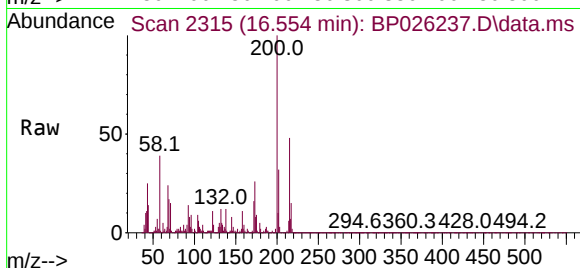
Tgt Ion:200 Resp: 604557

Ion Ratio Lower Upper

200 100

173 26.2 6.7 46.7

215 48.2 27.4 67.4



#70

Pentachlorophenol

Concen: 91.275 ng

RT: 16.731 min Scan# 2345

Delta R.T. -0.047 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

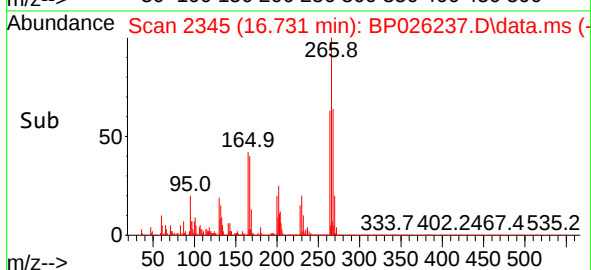
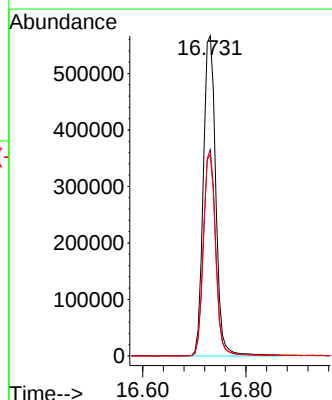
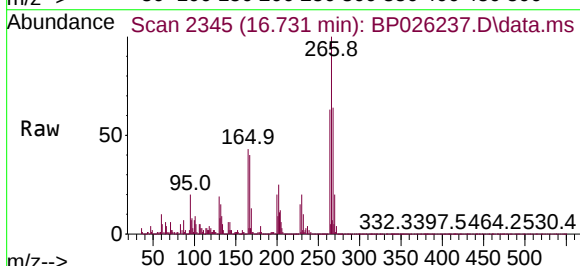
Tgt Ion:266 Resp: 944051

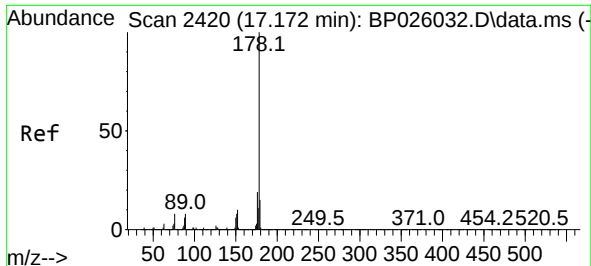
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.4

264 62.9 50.2 75.2

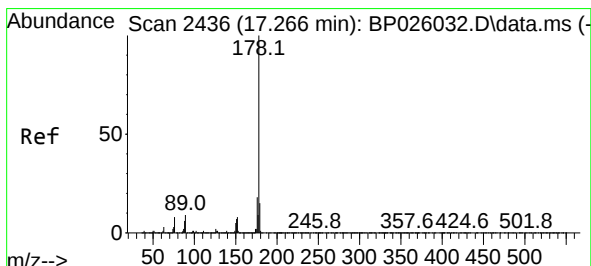
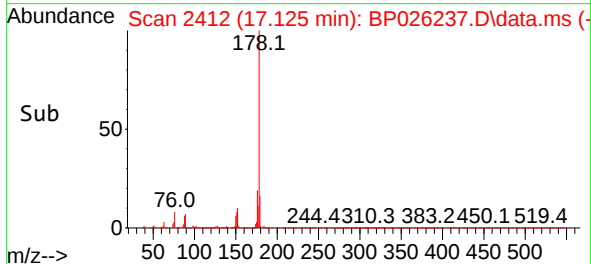
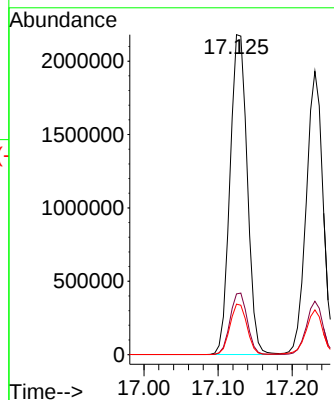
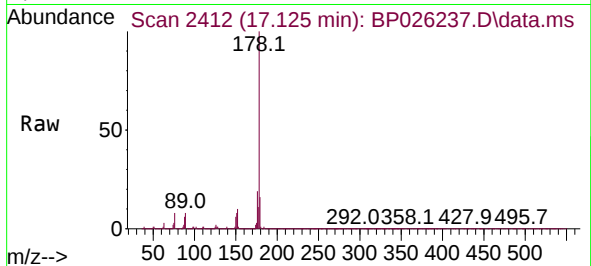




#71
Phenanthrene
Concen: 54.432 ng
RT: 17.125 min Scan# 24
Delta R.T. -0.053 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

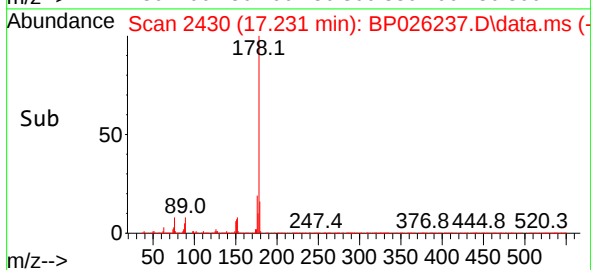
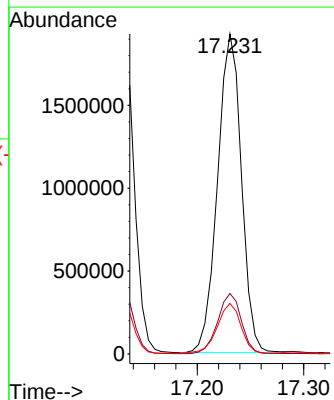
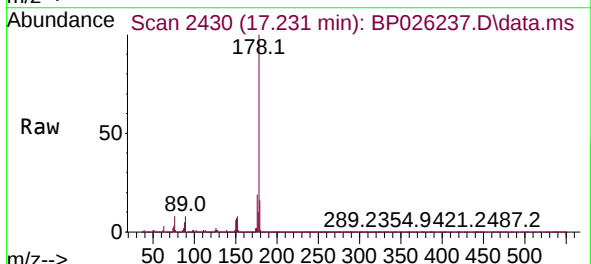
Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

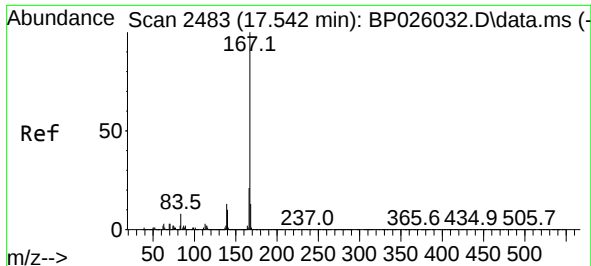
Tgt Ion:178 Resp: 3528007
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.8 12.4 18.6



#72
Anthracene
Concen: 45.399 ng
RT: 17.231 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026237.D
Acq: 03 Dec 2025 21:46

Tgt Ion:178 Resp: 3001235
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4

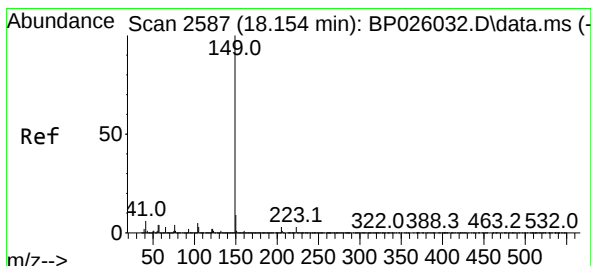
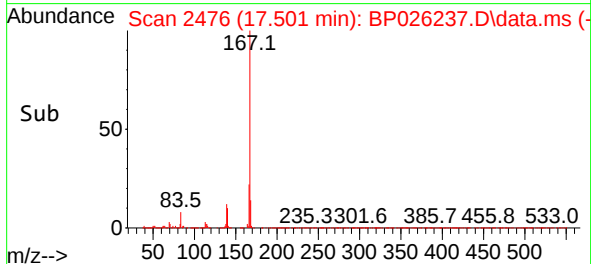
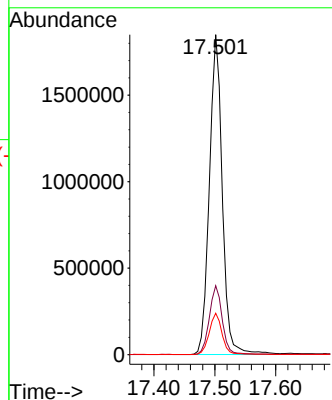
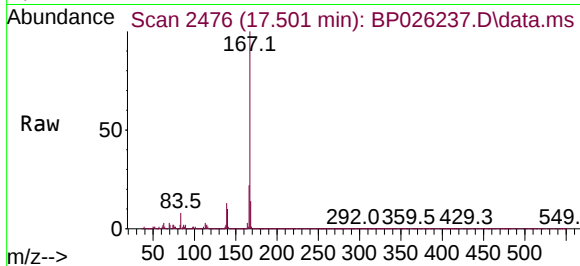




#73
 Carbazole
 Concen: 43.519 ng
 RT: 17.501 min Scan# 24
 Delta R.T. -0.041 min
 Lab File: BP026237.D
 Acq: 03 Dec 2025 21:46

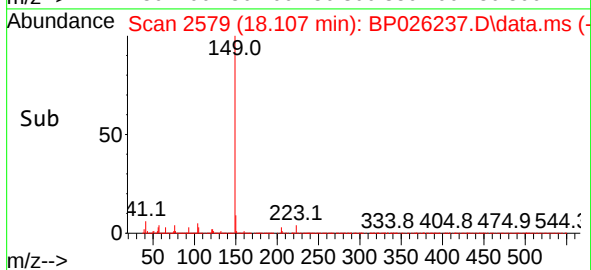
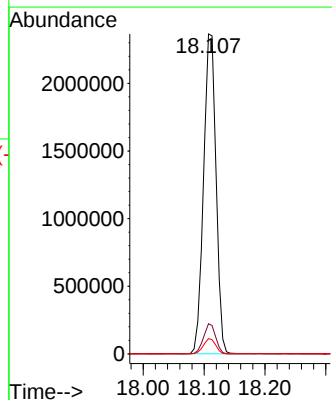
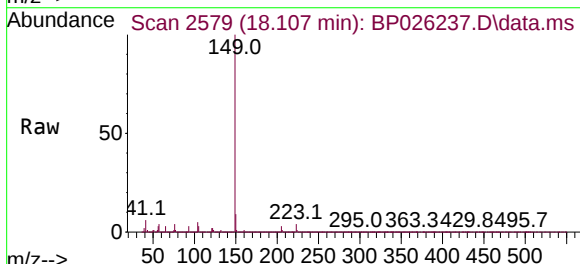
Instrument :
 BNA_P
 ClientSampleId :
 B50-SP4-112525MSD

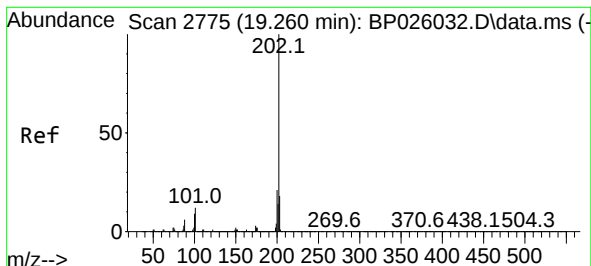
Tgt Ion:167 Resp: 2732526
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 45.050 ng
 RT: 18.107 min Scan# 2579
 Delta R.T. -0.053 min
 Lab File: BP026237.D
 Acq: 03 Dec 2025 21:46

Tgt Ion:149 Resp: 3353371
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 55.440 ng

RT: 19.225 min Scan# 21

Delta R.T. -0.041 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

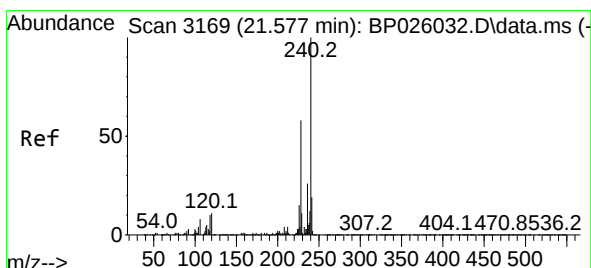
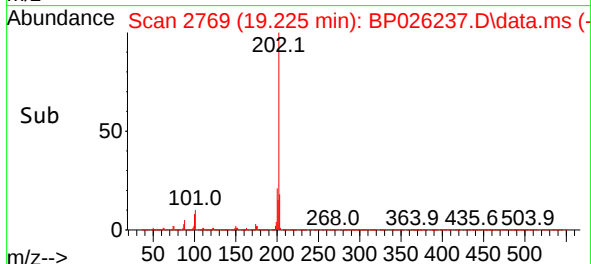
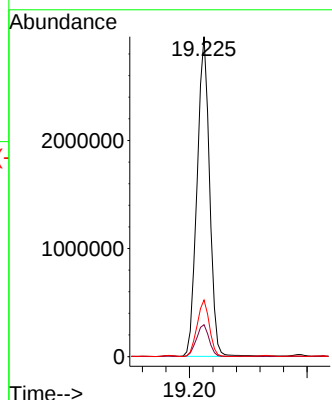
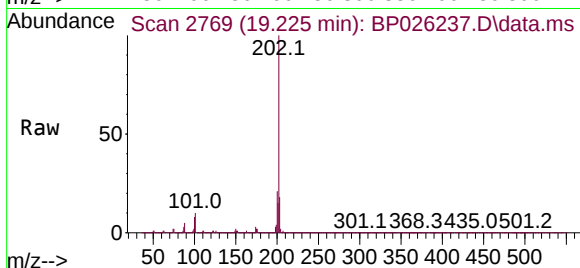
BNA_P

ClientSampleId :

B50-SP4-112525MSD

Tgt Ion:202 Resp: 4365932

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.2
203	17.7	0.0	37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.536 min Scan# 3162

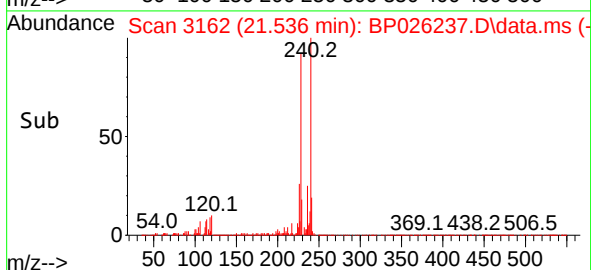
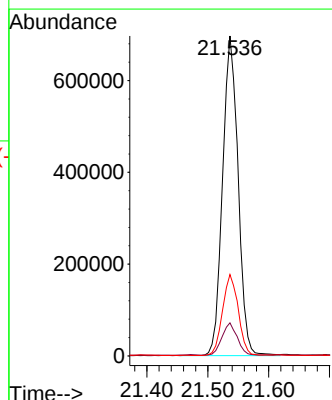
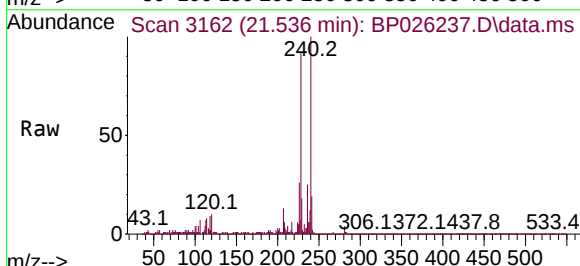
Delta R.T. -0.035 min

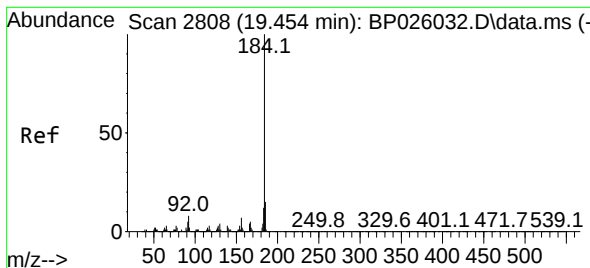
Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Tgt Ion:240 Resp: 1237506

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	25.4	20.4	30.6





#77

Benzidine

Concen: 28.276 ng

RT: 19.425 min Scan# 2803

Delta R.T. -0.041 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

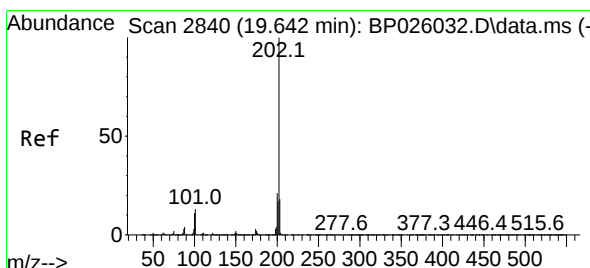
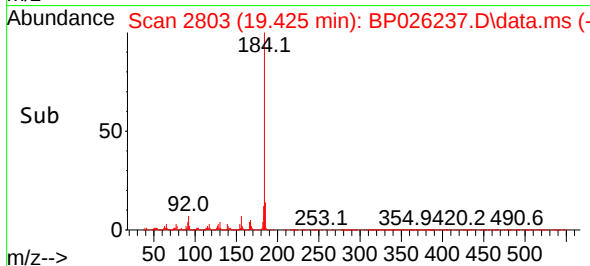
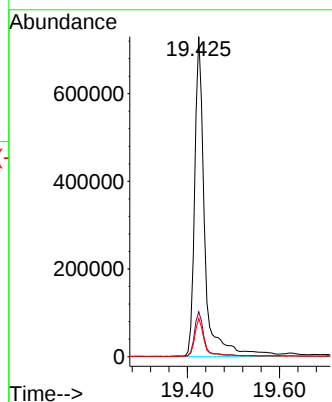
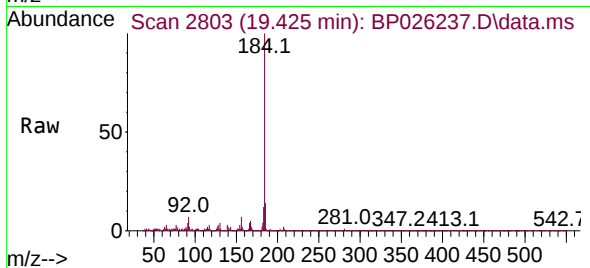
Tgt Ion:184 Resp: 1110480

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 11.9 9.0 13.6



#78

Pyrene

Concen: 54.748 ng

RT: 19.601 min Scan# 2833

Delta R.T. -0.041 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

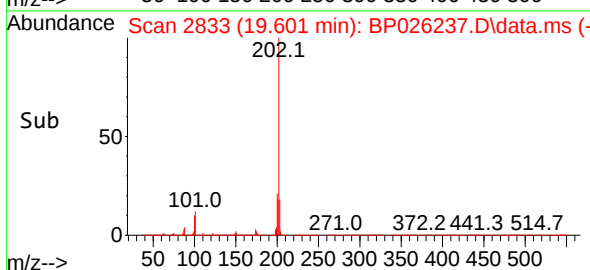
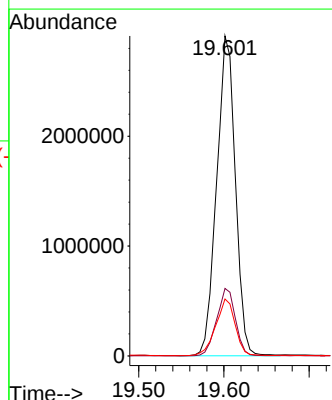
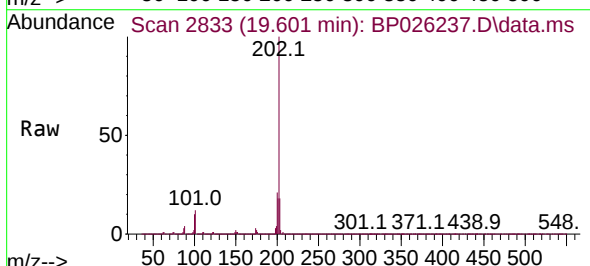
Tgt Ion:202 Resp: 4442298

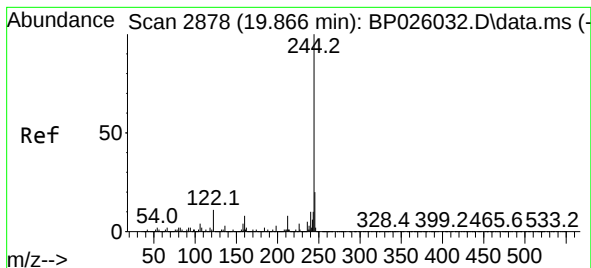
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 57.251 ng

RT: 19.831 min Scan# 2878

Delta R.T. -0.041 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

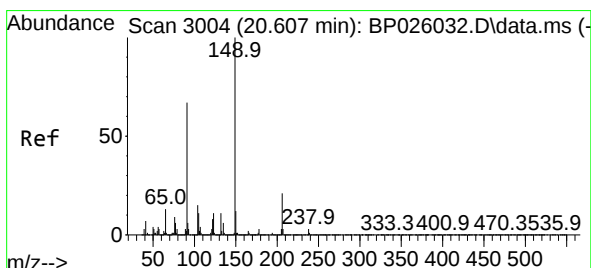
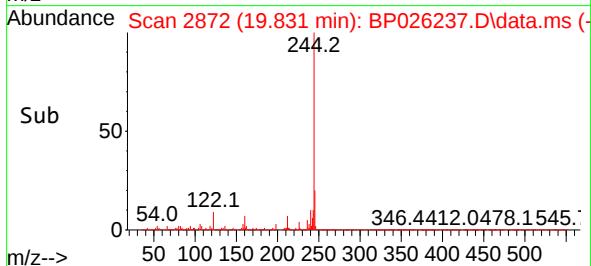
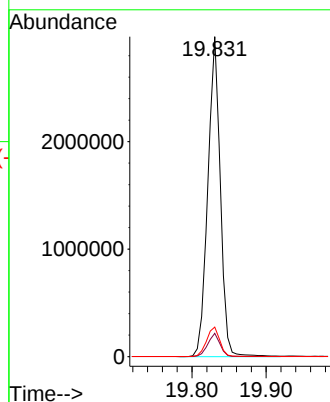
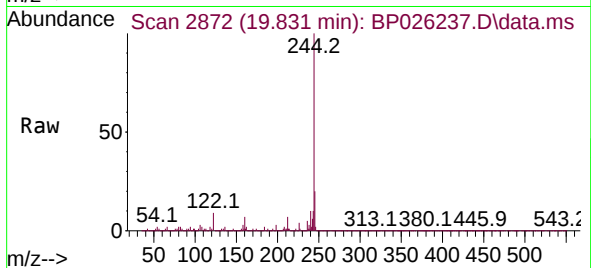
Tgt Ion:244 Resp: 3474585

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 44.632 ng

RT: 20.572 min Scan# 2998

Delta R.T. -0.035 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

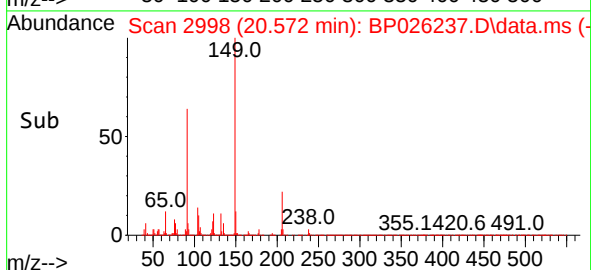
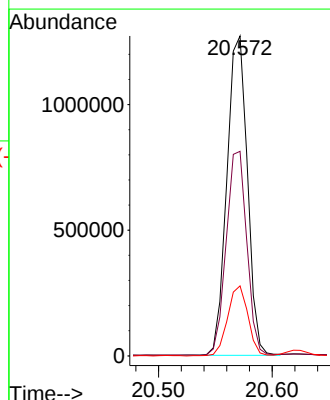
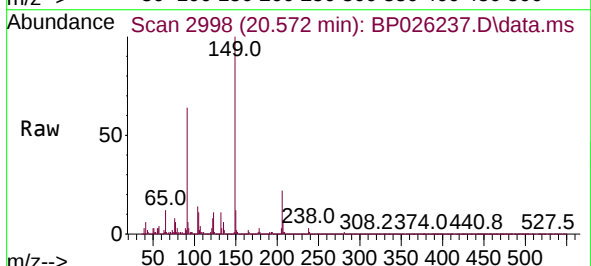
Tgt Ion:149 Resp: 1594865

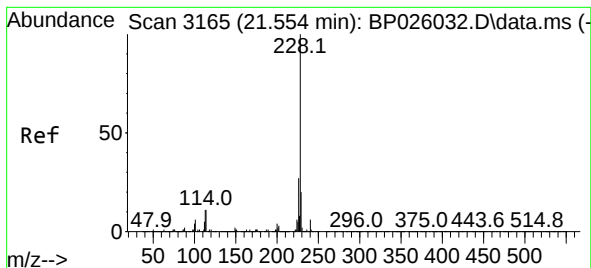
Ion Ratio Lower Upper

149 100

91 63.9 52.6 79.0

206 21.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 50.093 ng

RT: 21.519 min Scan# 3165

Delta R.T. -0.035 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

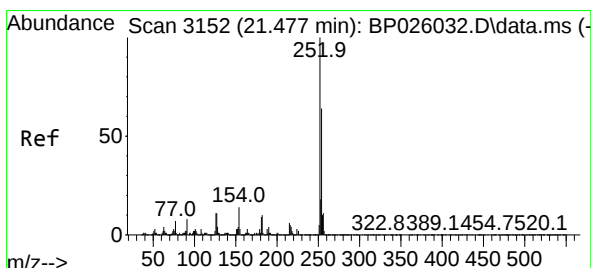
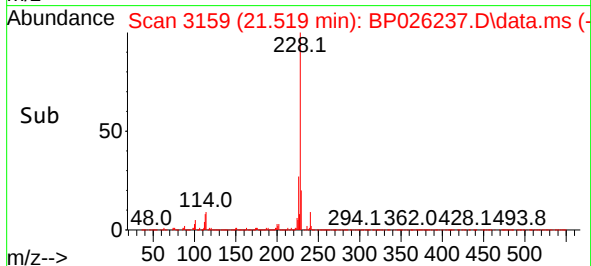
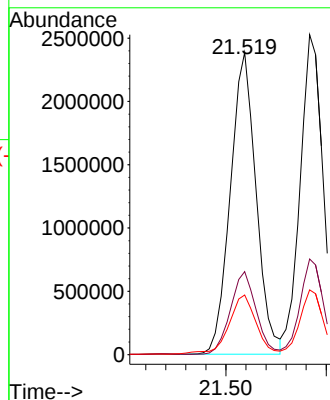
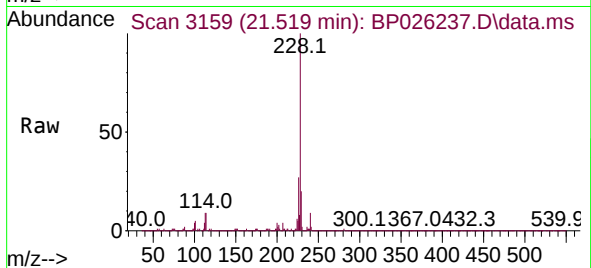
Tgt Ion:228 Resp: 4257462

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 16.157 ng

RT: 21.436 min Scan# 3145

Delta R.T. -0.053 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

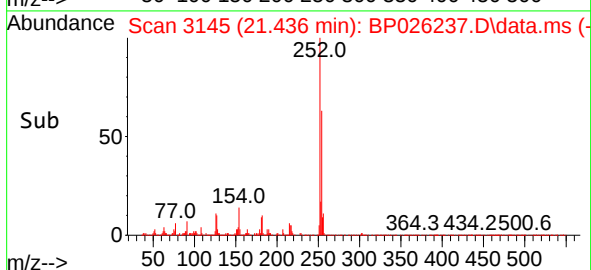
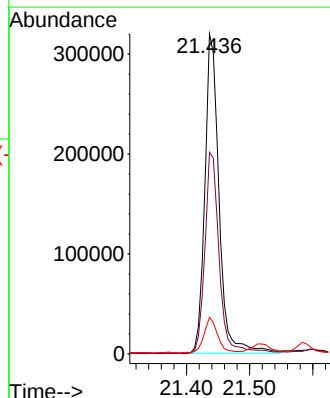
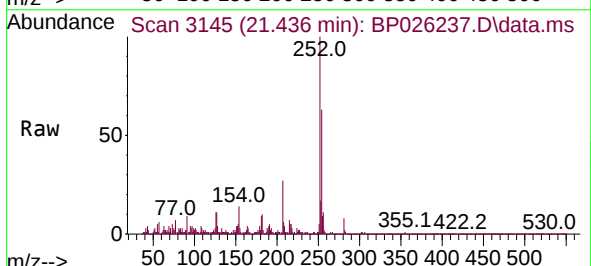
Tgt Ion:252 Resp: 499373

Ion Ratio Lower Upper

252 100

254 63.0 51.2 76.8

126 11.5 8.2 12.4





#83

Chrysene

Concen: 49.795 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

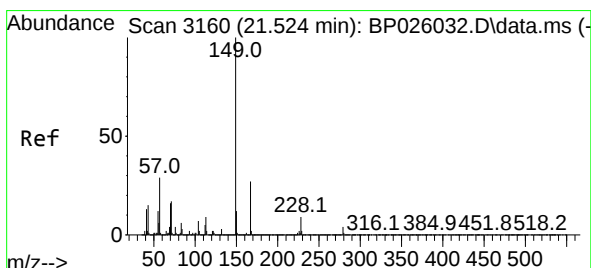
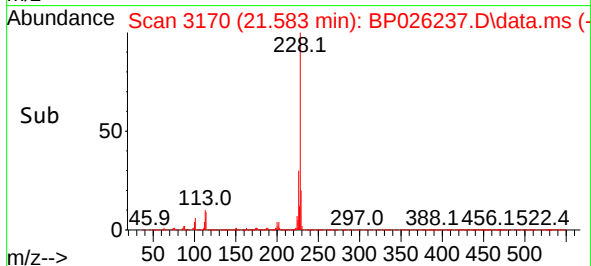
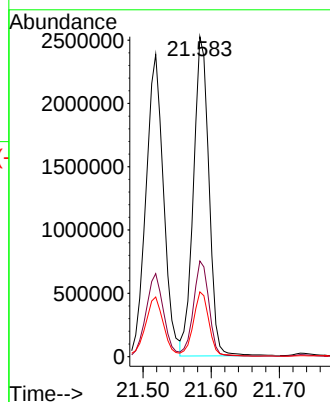
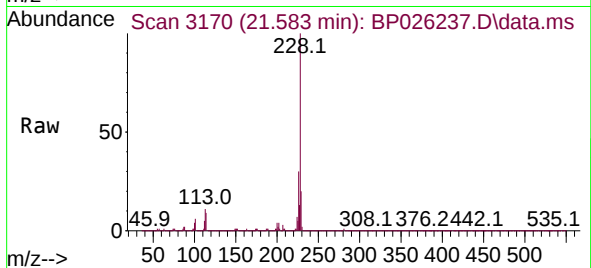
Tgt Ion:228 Resp: 3988448

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.515 ng

RT: 21.472 min Scan# 3151

Delta R.T. -0.047 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

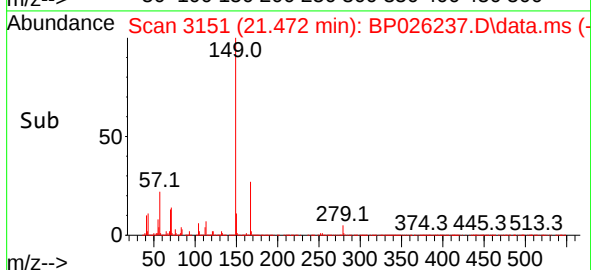
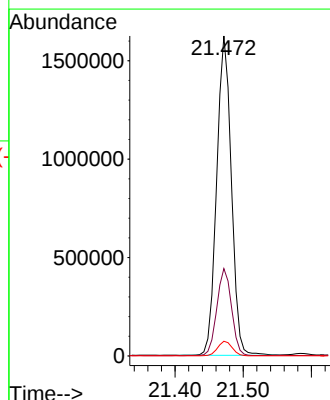
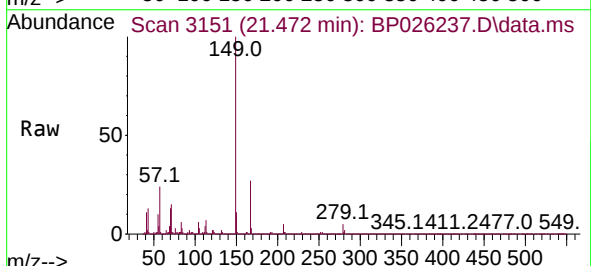
Tgt Ion:149 Resp: 2407902

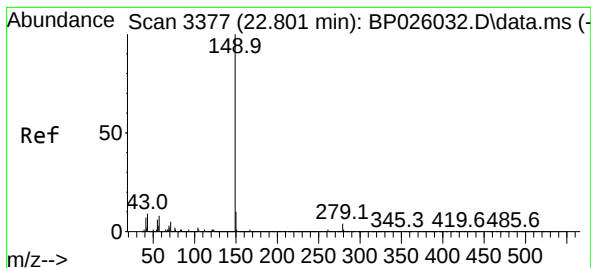
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.279 ng

RT: 22.736 min Scan# 3377

Delta R.T. -0.070 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

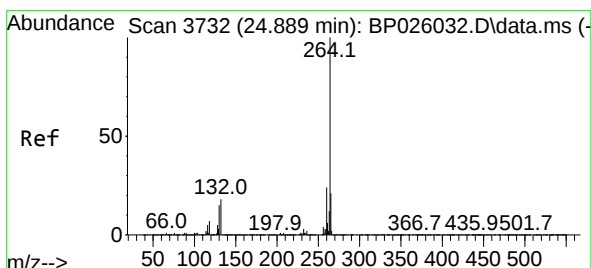
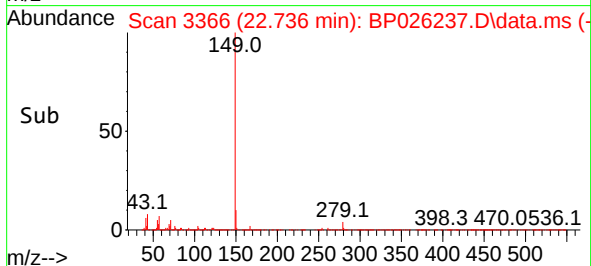
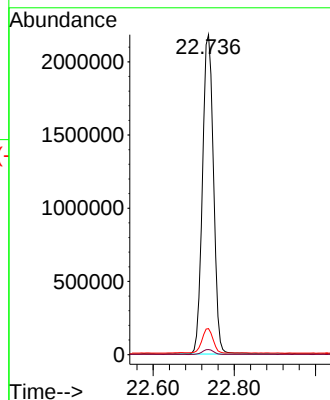
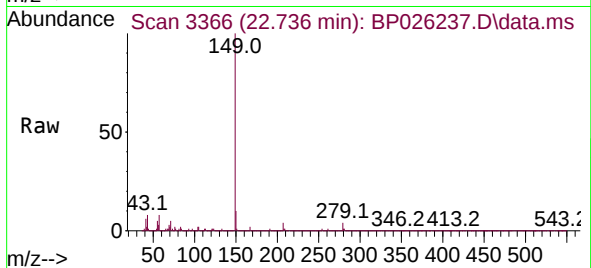
Tgt Ion:149 Resp: 4093500

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: 24.830 min Scan# 3722

Delta R.T. -0.076 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

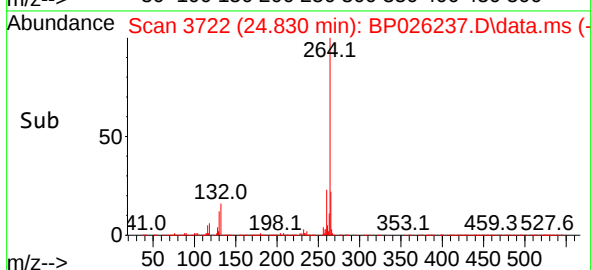
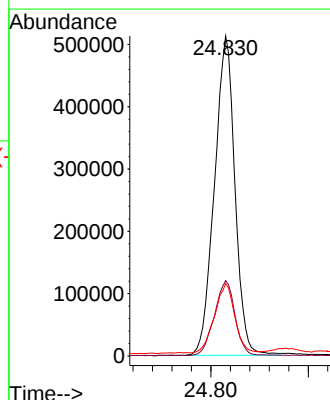
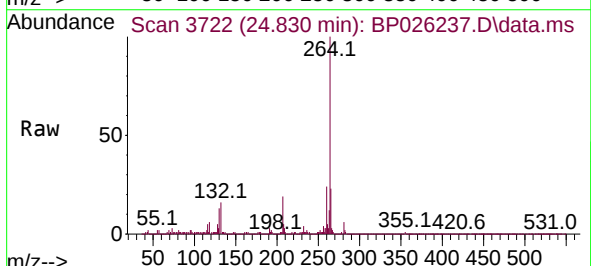
Tgt Ion:264 Resp: 1496005

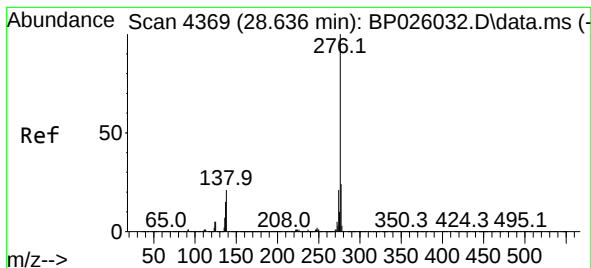
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.857 ng

RT: 28.560 min Scan# 4369

Delta R.T. -0.147 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

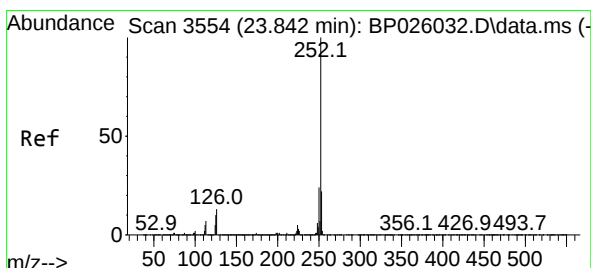
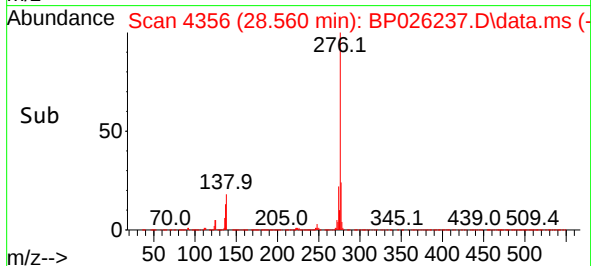
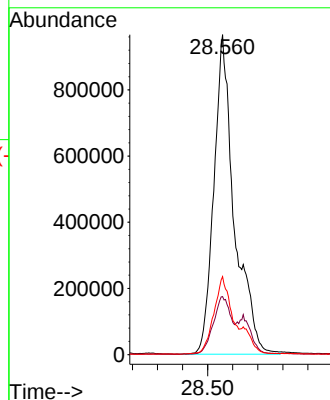
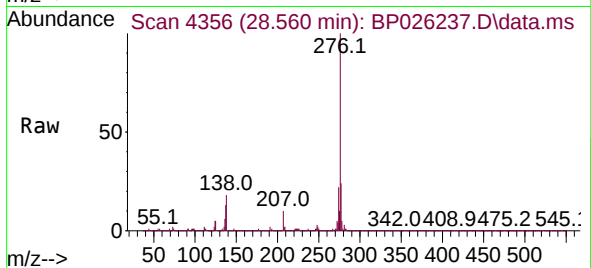
Tgt Ion:276 Resp: 5481547

Ion Ratio Lower Upper

276 100

138 15.2 13.8 20.8

277 21.0 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 50.597 ng

RT: 23.789 min Scan# 3545

Delta R.T. -0.076 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

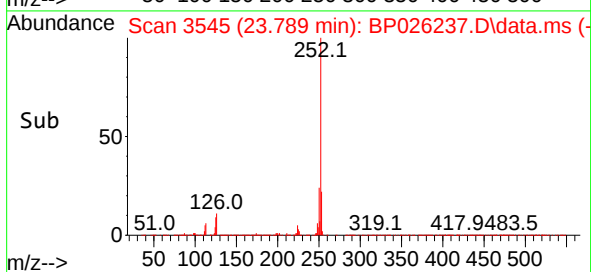
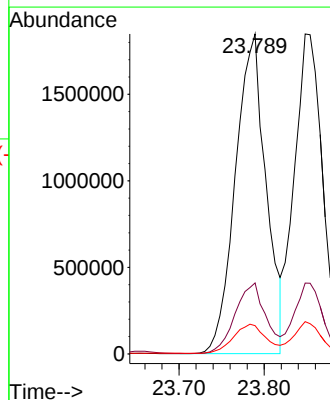
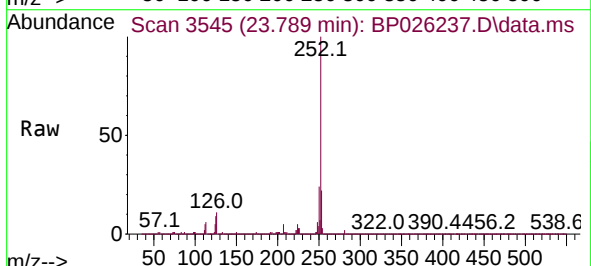
Tgt Ion:252 Resp: 4609613

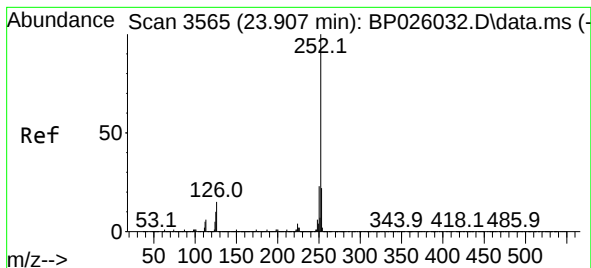
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.497 ng

RT: 23.848 min Scan# 31

Delta R.T. -0.088 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

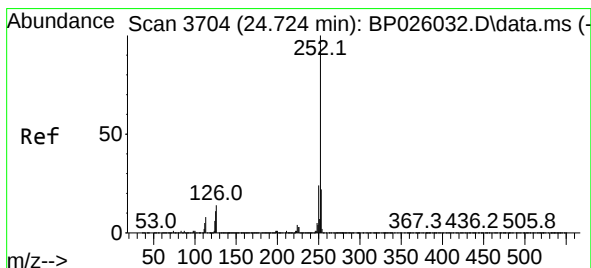
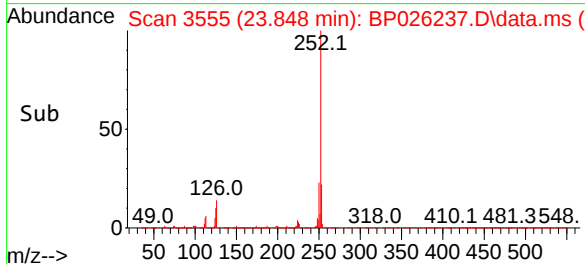
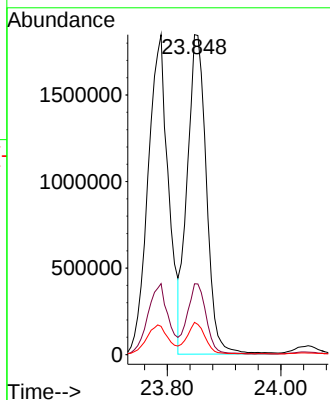
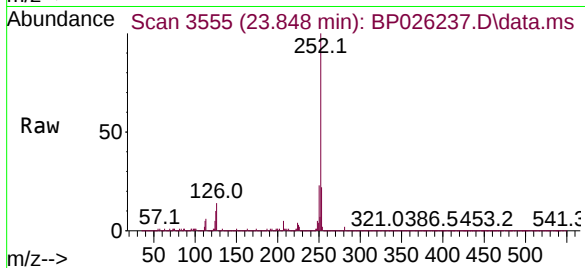
Tgt Ion:252 Resp: 4322090

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 52.251 ng

RT: 24.666 min Scan# 3694

Delta R.T. -0.088 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

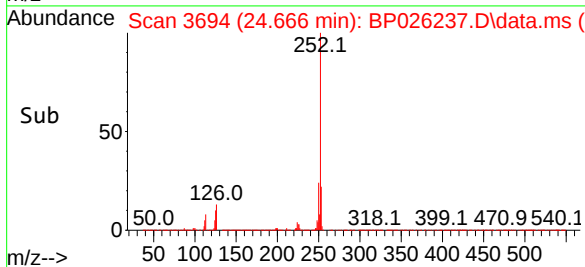
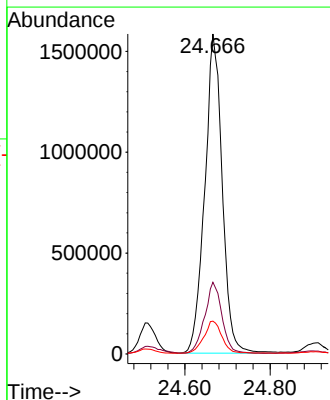
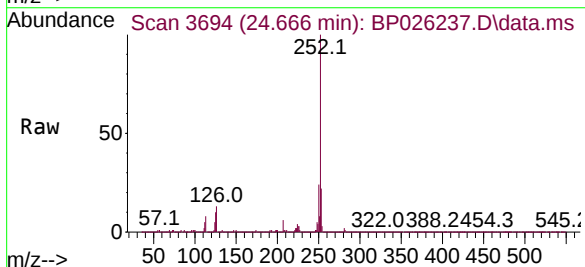
Tgt Ion:252 Resp: 4509069

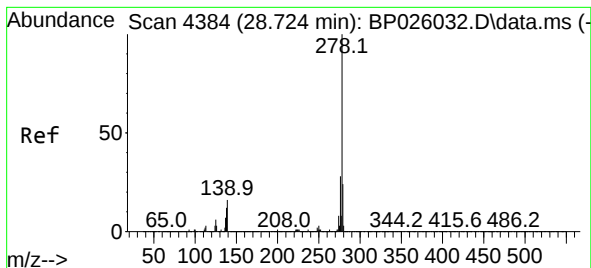
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 10.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 46.868 ng

RT: 28.642 min Scan# 4384

Delta R.T. -0.153 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Instrument :

BNA_P

ClientSampleId :

B50-SP4-112525MSD

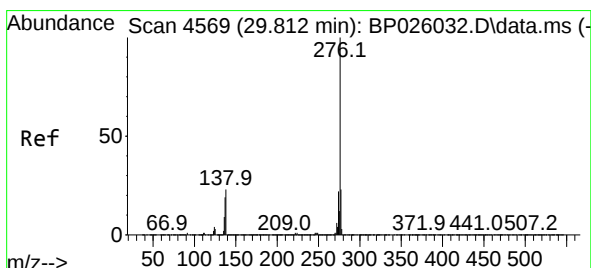
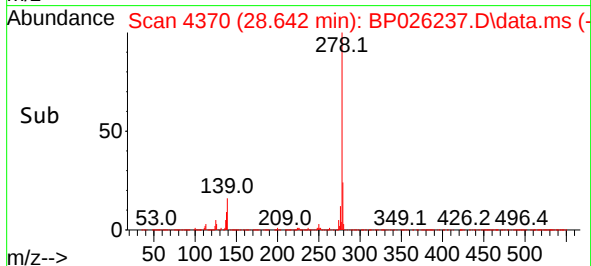
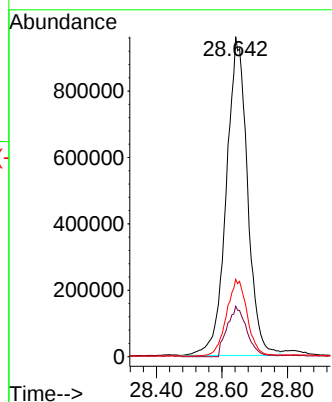
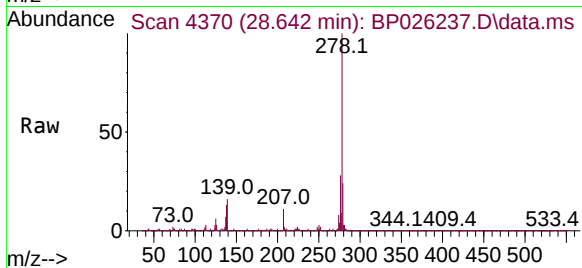
Tgt Ion:278 Resp: 4304495

Ion Ratio Lower Upper

278 100

139 15.7 13.2 19.8

279 24.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 50.361 ng

RT: 29.724 min Scan# 4554

Delta R.T. -0.159 min

Lab File: BP026237.D

Acq: 03 Dec 2025 21:46

Tgt Ion:276 Resp: 4597305

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 19.4 17.8 26.6

