

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026041.D
 Acq On : 30 Oct 2025 12:36
 Operator : RC/JU
 Sample : PB170294BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170294BS

Quant Time: Oct 30 13:11:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	316621	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1252981	20.000	ng	0.00
39) Acenaphthene-d10	14.324	164	762334	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	1523490	20.000	ng	0.01
76) Chrysene-d12	21.595	240	1580584	20.000	ng	0.03
86) Perylene-d12	24.924	264	1633127	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.301	112	2658093	138.529	ng	0.00
7) Phenol-d6	6.860	99	3295457	134.935	ng	0.00
23) Nitrobenzene-d5	8.825	82	1824765	90.788	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	1166786	141.573	ng	0.02
45) 2-Fluorobiphenyl	12.930	172	4735796	89.265	ng	0.00
79) Terphenyl-d14	19.877	244	7099774	91.261	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	302405	37.384	ng	99
3) Pyridine	3.625	79	850352	36.980	ng	99
4) n-Nitrosodimethylamine	3.537	42	417466	45.297	ng	100
6) Aniline	7.019	93	1029152	31.574	ng	99
8) 2-Chlorophenol	7.254	128	1003078	47.208	ng	99
9) Benzaldehyde	6.831	77	403204	31.759	ng	98
10) Phenol	6.884	94	1244279	45.892	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	940380	43.948	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1106103	45.329	ng	99
13) 1,4-Dichlorobenzene	7.719	146	1122388	45.493	ng	99
14) 1,2-Dichlorobenzene	8.031	146	1071414	45.510	ng	98
15) Benzyl Alcohol	7.913	79	795203	45.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1404664	43.436	ng	99
17) 2-Methylphenol	8.119	107	833092	46.923	ng	99
18) Hexachloroethane	8.754	117	376845	44.638	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	676241	44.606	ng	99
20) 3+4-Methylphenols	8.437	107	1118668	45.292	ng	98
22) Acetophenone	8.489	105	1577688	49.787	ng	99
24) Nitrobenzene	8.866	77	981784	46.264	ng	99
25) Isophorone	9.389	82	1914996	44.513	ng	100
26) 2-Nitrophenol	9.566	139	353388	45.395	ng	98
27) 2,4-Dimethylphenol	9.631	122	947330	52.364	ng	99
28) bis(2-Chloroethoxy)met...	9.872	93	1233610	45.500	ng	99
29) 2,4-Dichlorophenol	10.101	162	927133	48.536	ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	991239	47.743	ng	99
31) Naphthalene	10.501	128	3035098	44.420	ng	100
32) Benzoic acid	9.760	122	550420	49.632	ng	99
33) 4-Chloroaniline	10.601	127	474699	18.079	ng	99
34) Hexachlorobutadiene	10.801	225	604383	45.808	ng	99
35) Caprolactam	11.366	113	200439	29.881	ng	93
36) 4-Chloro-3-methylphenol	11.736	107	939108	46.899	ng	98
37) 2-Methylnaphthalene	12.125	142	1948618	40.747	ng	99
38) 1-Methylnaphthalene	12.342	142	2024336	43.572	ng	99
40) 1,2,4,5-Tetrachloroben...	12.495	216	1190507	50.260	ng	99
41) Hexachlorocyclopentadiene	12.483	237	1179949	136.151	ng	96
43) 2,4,6-Trichlorophenol	12.736	196	704673	50.331	ng	99

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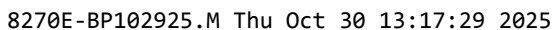
Instrument :
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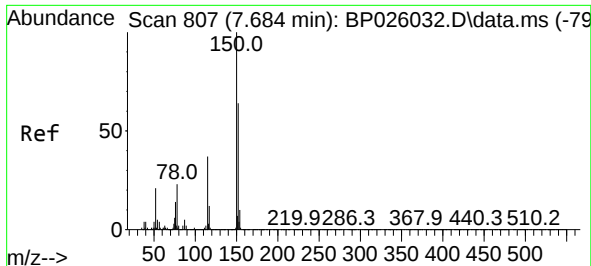
Quant Time: Oct 30 13:11:34 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	782169	48.960	ng	97
46) 1,1'-Biphenyl	13.148	154	2970827	50.894	ng	100
47) 2-Chloronaphthalene	13.183	162	2086440	45.430	ng	98
48) 2-Nitroaniline	13.383	65	522311	44.423	ng	99
49) Acenaphthylene	14.048	152	3496557	52.235	ng	100
50) Dimethylphthalate	13.783	163	2578710	46.504	ng	100
51) 2,6-Dinitrotoluene	13.889	165	513089	49.461	ng	98
52) Acenaphthene	14.389	154	1993178	43.373	ng	99
53) 3-Nitroaniline	14.213	138	327642	27.424	ng	97
54) 2,4-Dinitrophenol	14.430	184	394843	80.695	ng	96
55) Dibenzofuran	14.730	168	3169647	45.652	ng	100
56) 4-Nitrophenol	14.536	139	1004154	90.815	ng	100
57) 2,4-Dinitrotoluene	14.689	165	716301	47.153	ng	98
58) Fluorene	15.395	166	2488927	45.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	674058	53.663	ng	99
60) Diethylphthalate	15.177	149	2564356	46.000	ng	100
61) 4-Chlorophenyl-phenyle...	15.401	204	1210691	44.571	ng	99
62) 4-Nitroaniline	15.407	138	560176	47.276	ng	97
63) Azobenzene	15.695	77	2379294	47.094	ng	98
65) 4,6-Dinitro-2-methylph...	15.471	198	284152	46.558	ng	98
66) n-Nitrosodiphenylamine	15.607	169	2199124	46.167	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	774747	45.845	ng	99
68) Hexachlorobenzene	16.424	284	876019	45.536	ng	100
69) Atrazine	16.595	200	807011	50.222	ng	98
70) Pentachlorophenol	16.777	266	1146757	97.588	ng	100
71) Phenanthrene	17.183	178	3965714	44.722	ng	100
72) Anthracene	17.271	178	3989444	45.386	ng	99
73) Carbazole	17.548	167	3905796	46.941	ng	100
74) Di-n-butylphthalate	18.154	149	4534868	48.707	ng	99
75) Fluoranthene	19.271	202	4721472	45.644	ng	99
77) Benzidine	19.460	184	1292351	32.213	ng	99
78) Pyrene	19.648	202	4979278	46.578	ng	99
80) Butylbenzylphthalate	20.618	149	1823867	45.860	ng	100
81) Benzo(a)anthracene	21.571	228	4974675	45.802	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	879353	25.128	ng	99
83) Chrysene	21.642	228	4607958	44.787	ng	100
84) Bis(2-ethylhexyl)phtha...	21.548	149	2947919	46.371	ng	99
85) Di-n-octyl phthalate	22.836	149	4556829	48.431	ng	100
87) Indeno(1,2,3-cd)pyrene	28.694	276	4825359	40.022	ng	# 92
88) Benzo(b)fluoranthene	23.871	252	4849889	47.837	ng	99
89) Benzo(k)fluoranthene	23.942	252	4960614	47.915	ng	100
90) Benzo(a)pyrene	24.759	252	4621186	49.615	ng	99
91) Dibenzo(a,h)anthracene	28.794	278	4770049	48.616	ng	99
92) Benzo(g,h,i)perylene	29.865	276	4656784	49.321	ng	99

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

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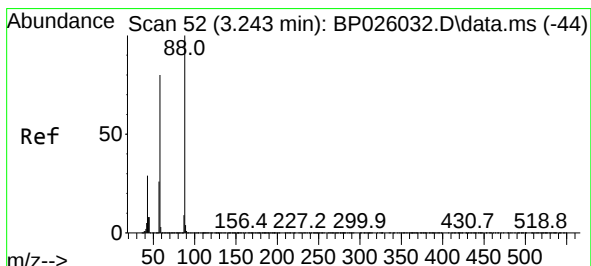
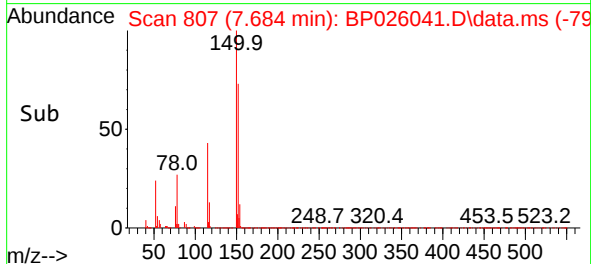
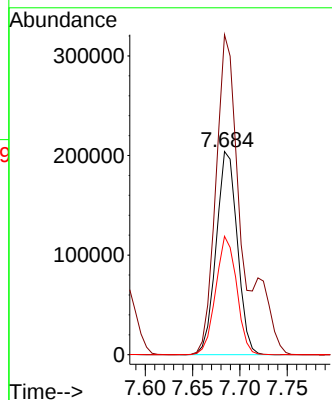
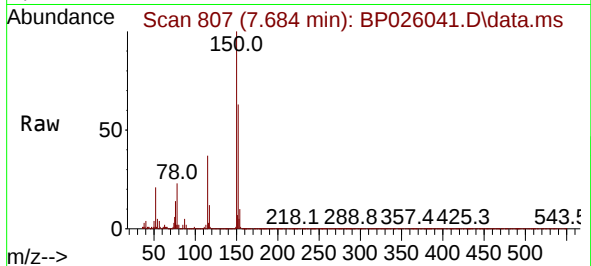




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.684 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BP026041.D
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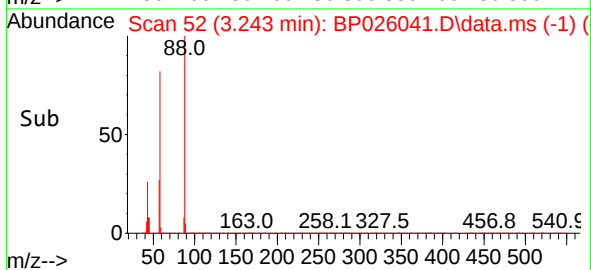
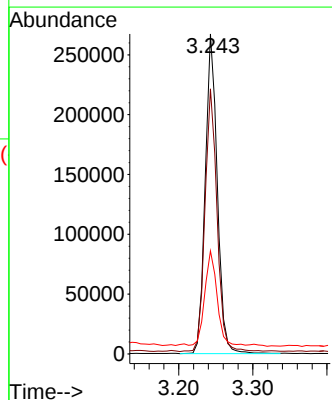
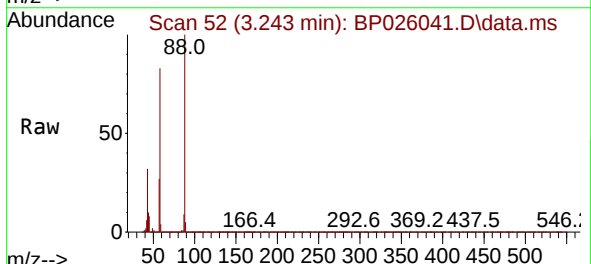
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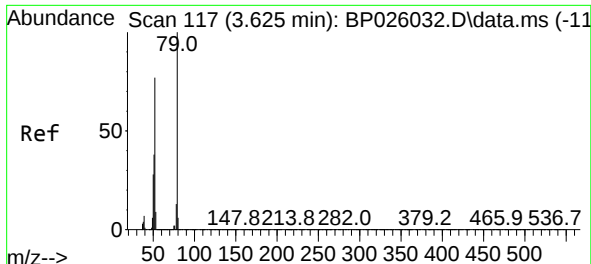
Tgt Ion:152 Resp: 316621
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.7 188.5
 115 58.3 46.4 69.6



#2
 1,4-Dioxane
 Concen: 37.384 ng
 RT: 3.243 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: BP026041.D
 Acq: 30 Oct 2025 12:36

Tgt Ion: 88 Resp: 302405
 Ion Ratio Lower Upper
 88 100
 58 82.2 65.4 98.0
 43 29.9 23.1 34.7

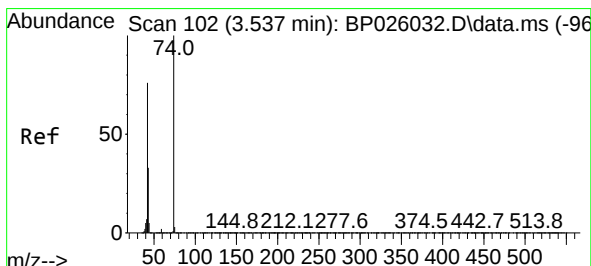
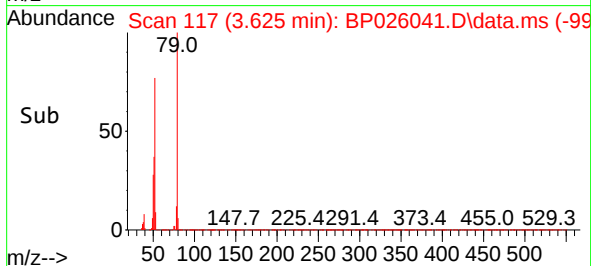
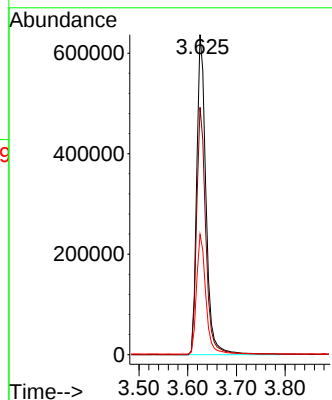
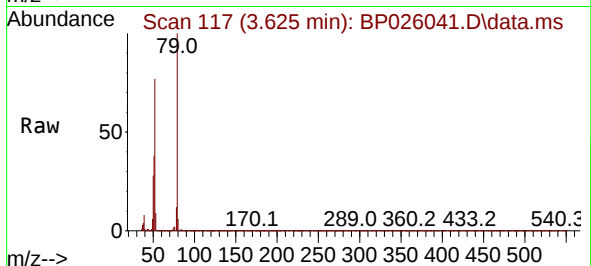




#3
Pyridine
Concen: 36.980 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

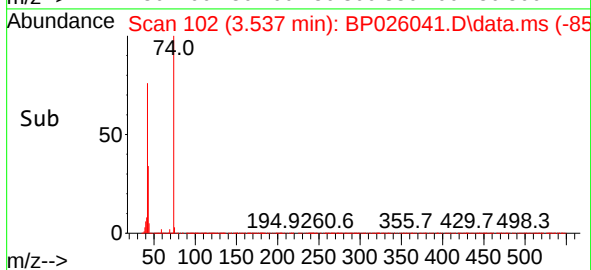
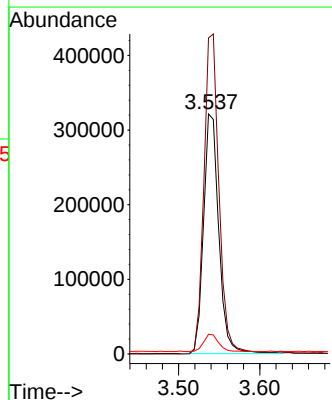
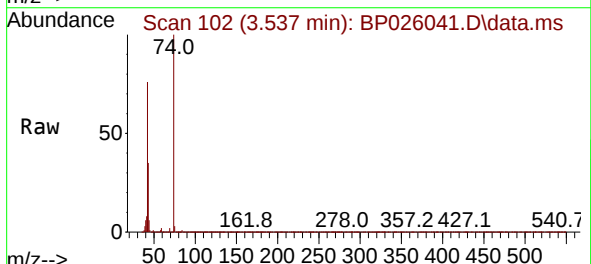
Instrument :
BNA_P
ClientSampleId :
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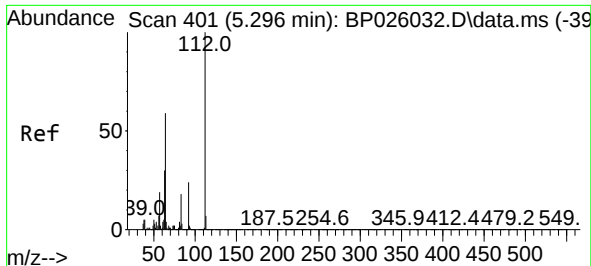
Tgt Ion: 79 Resp: 850352
Ion Ratio Lower Upper
79 100
52 77.3 62.0 93.0
51 37.6 30.6 46.0



#4
n-Nitrosodimethylamine
Concen: 45.297 ng
RT: 3.537 min Scan# 102
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion: 42 Resp: 417466
Ion Ratio Lower Upper
42 100
74 131.7 105.7 158.5
44 8.2 6.6 9.8

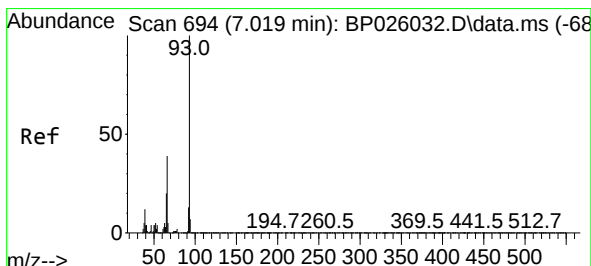
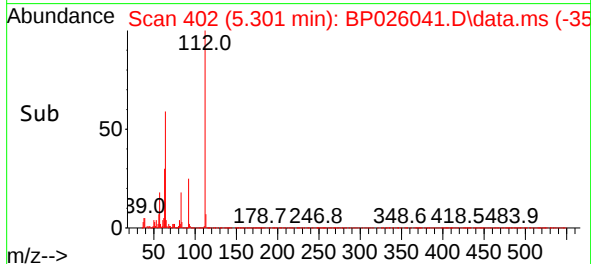
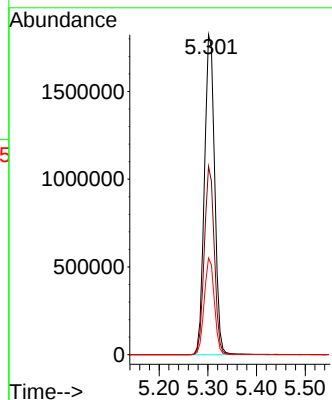
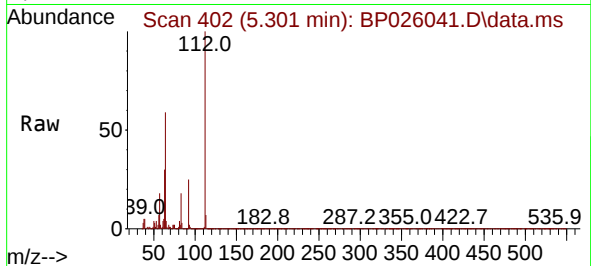




#5
2-Fluorophenol
Concen: 138.529 ng
RT: 5.301 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

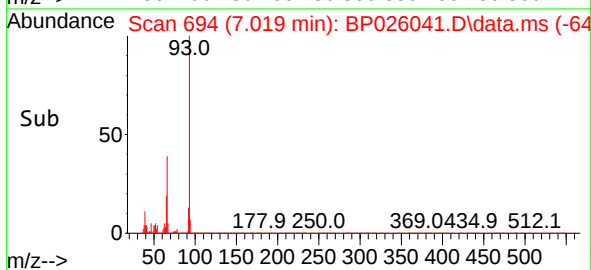
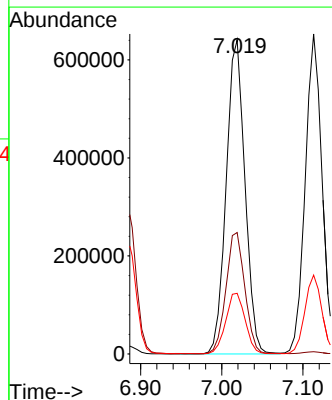
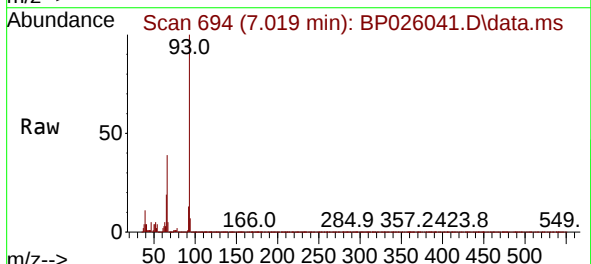
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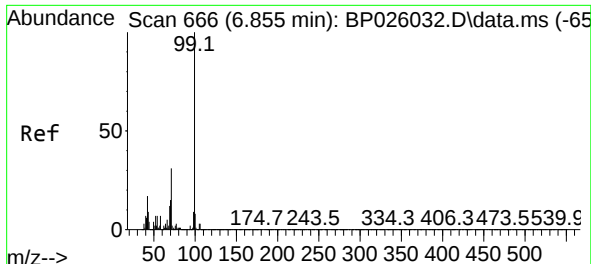
Tgt Ion:112 Resp: 2658093
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.2
63 30.2 24.2 36.4



#6
Aniline
Concen: 31.574 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion: 93 Resp: 1029152
Ion Ratio Lower Upper
93 100
66 38.7 31.2 46.8
65 19.3 16.1 24.1

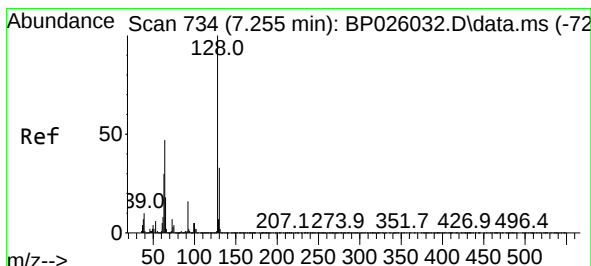
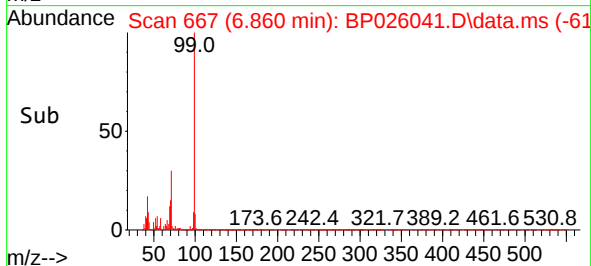
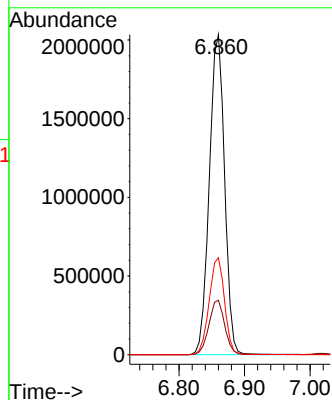
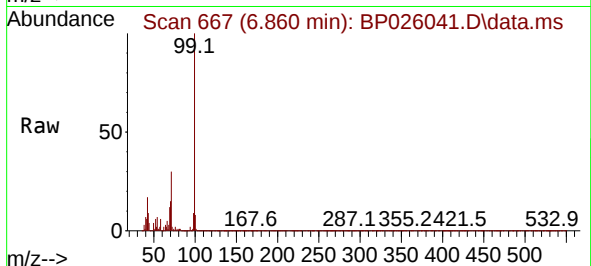




#7
Phenol-d6
Concen: 134.935 ng
RT: 6.860 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

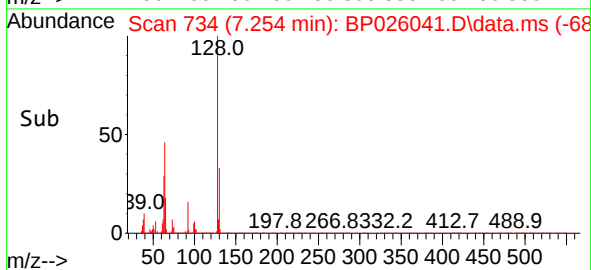
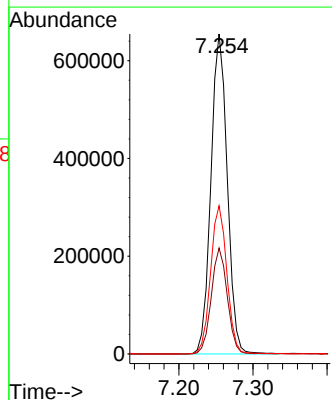
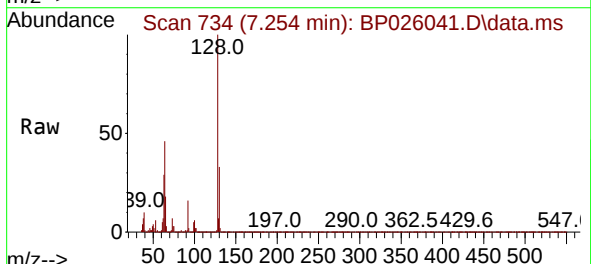
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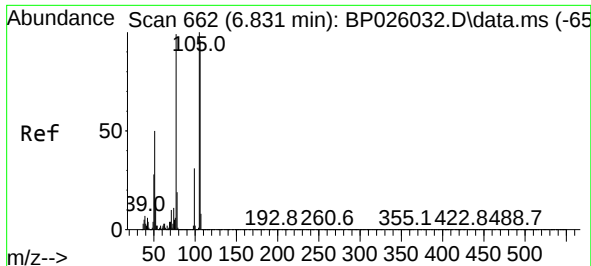
Tgt Ion: 99 Resp: 3295457
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 30.3 24.4 36.6



#8
2-Chlorophenol
Concen: 47.208 ng
RT: 7.254 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:128 Resp: 1003078
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 46.3 27.4 67.4

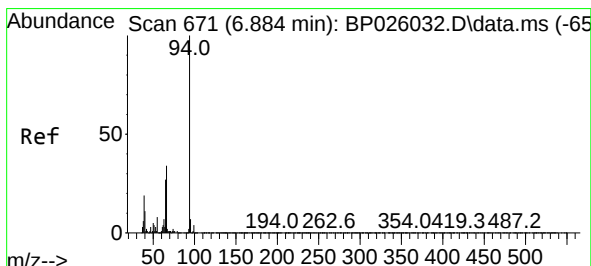
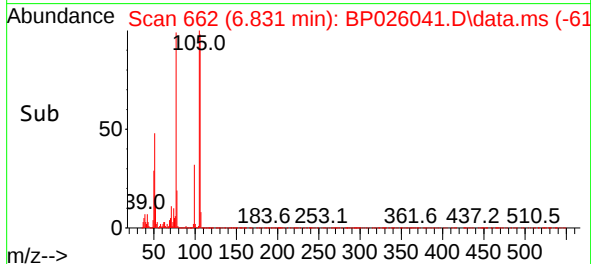
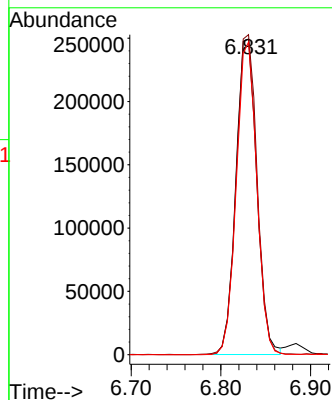
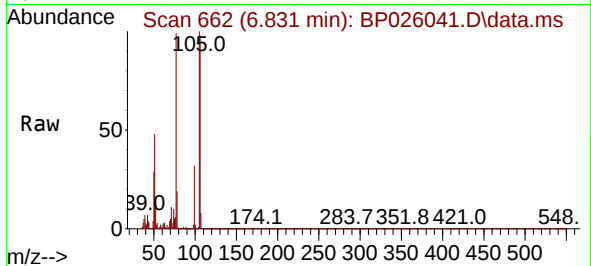




#9
Benzaldehyde
Concen: 31.759 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

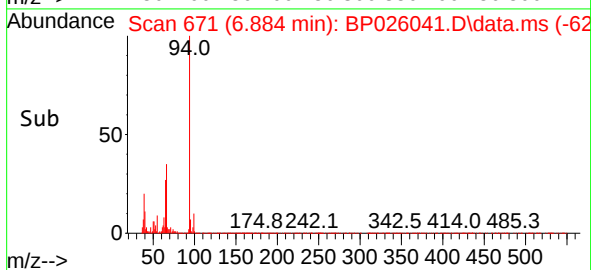
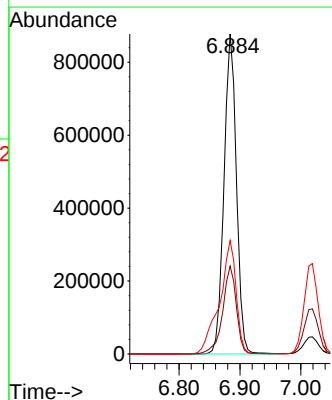
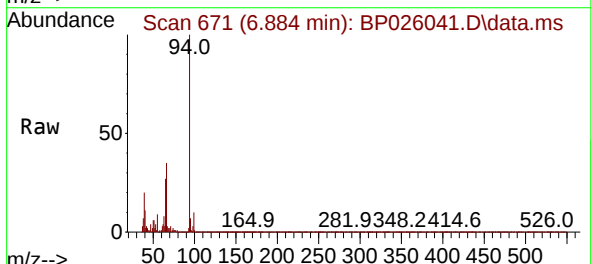
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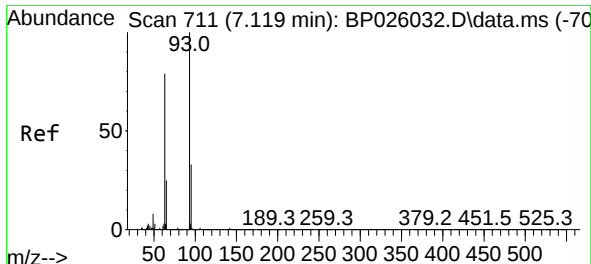
Tgt Ion: 77 Resp: 403204
Ion Ratio Lower Upper
77 100
105 101.4 80.7 120.7
106 99.1 76.5 116.5



#10
Phenol
Concen: 45.892 ng
RT: 6.884 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion: 94 Resp: 1244279
Ion Ratio Lower Upper
94 100
65 27.4 7.1 47.1
66 35.5 14.4 54.4

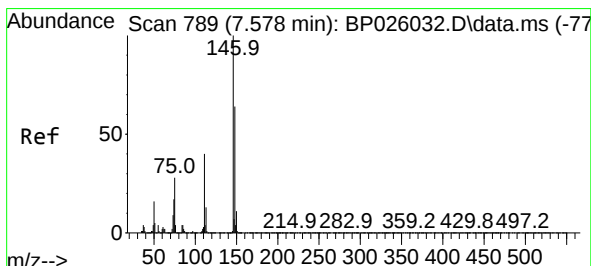
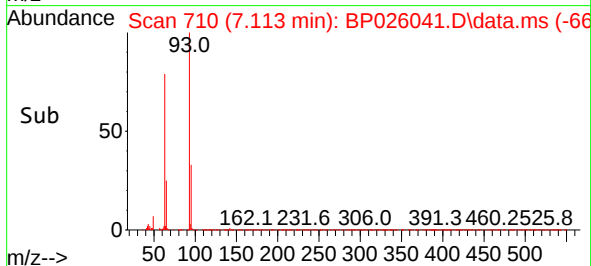
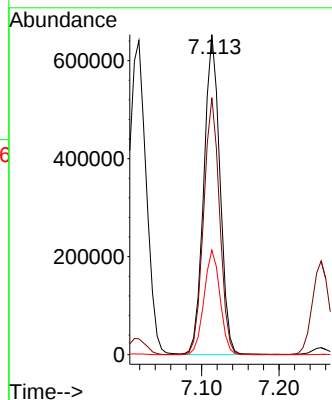
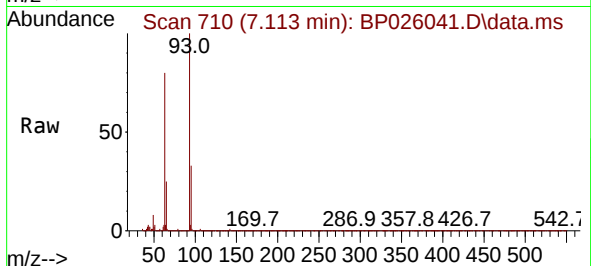




#11
bis(2-Chloroethyl)ether
Concen: 43.948 ng
RT: 7.113 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

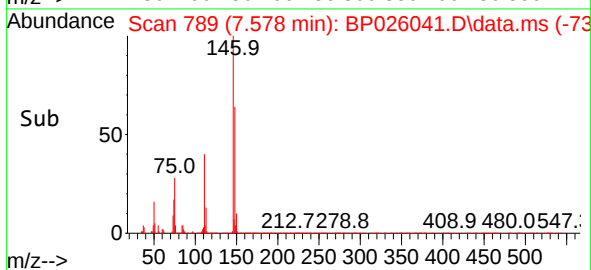
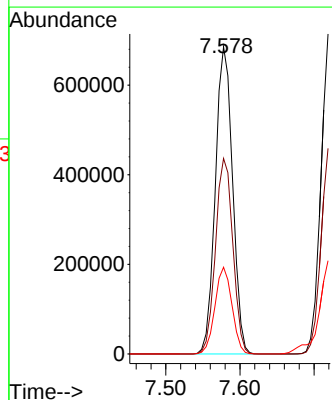
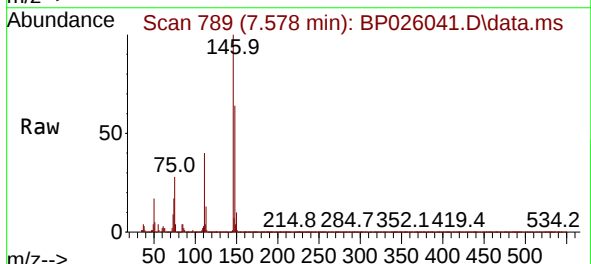
Instrument :
BNA_P
ClientSampleId :
PB170294BS

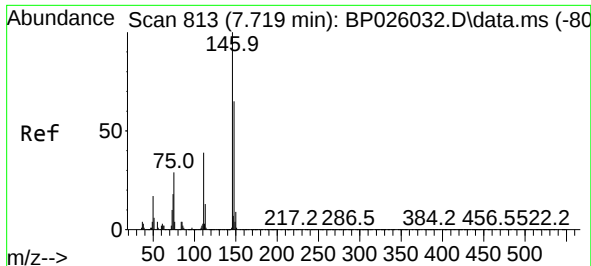
Tgt Ion: 93 Resp: 940380
Ion Ratio Lower Upper
93 100
63 80.3 59.1 99.1
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.329 ng
RT: 7.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion: 146 Resp: 1106103
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
75 28.2 22.6 33.8

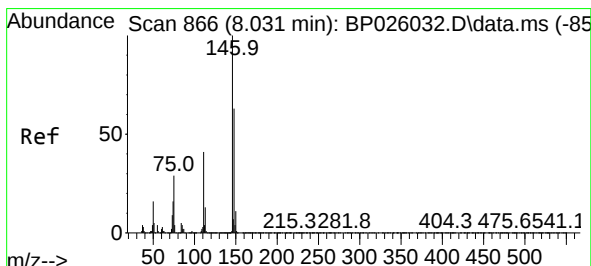
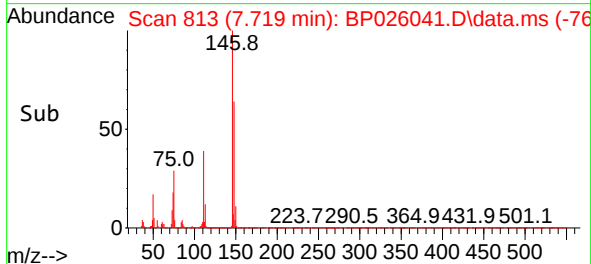
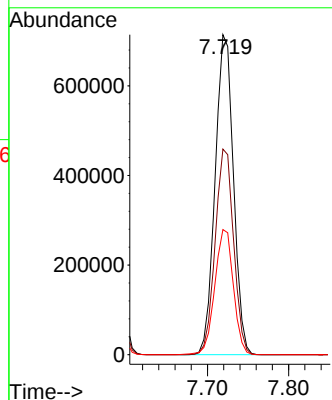
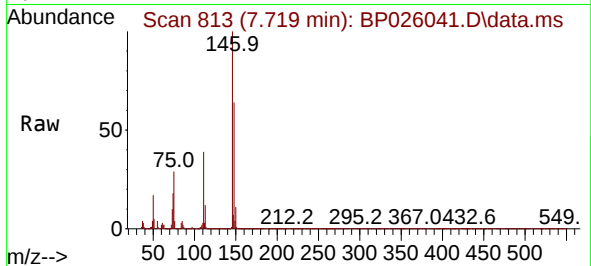




#13
1,4-Dichlorobenzene
Concen: 45.493 ng
RT: 7.719 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

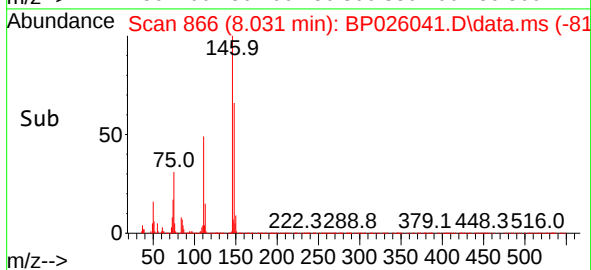
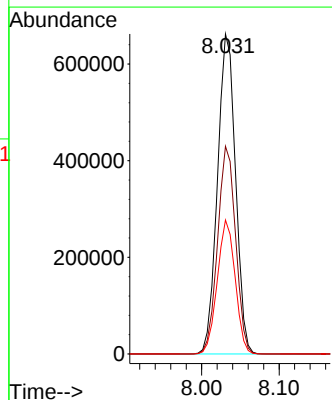
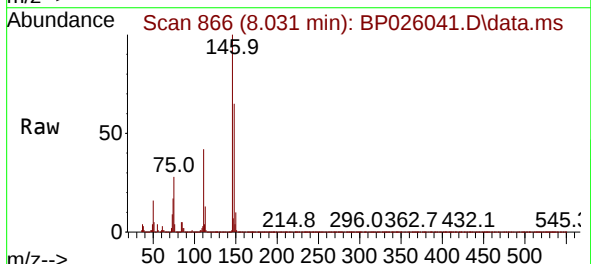
Instrument :
BNA_P
ClientSampleId :
PB170294BS

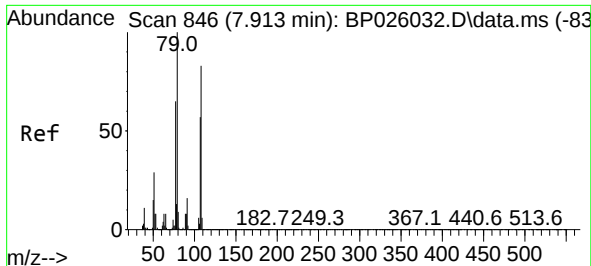
Tgt Ion:146 Resp: 1122388
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
111 39.1 31.3 46.9



#14
1,2-Dichlorobenzene
Concen: 45.510 ng
RT: 8.031 min Scan# 866
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:146 Resp: 1071414
Ion Ratio Lower Upper
146 100
148 64.9 50.8 76.2
111 41.9 33.0 49.4

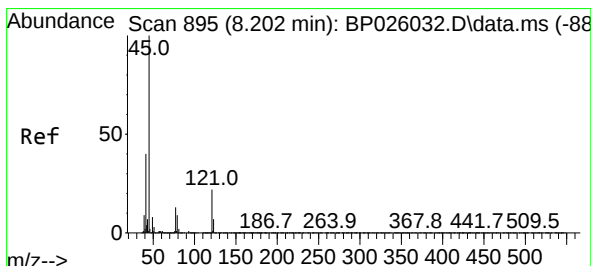
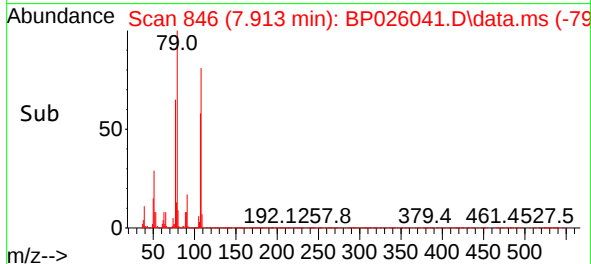
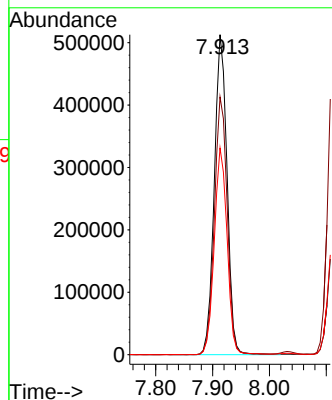
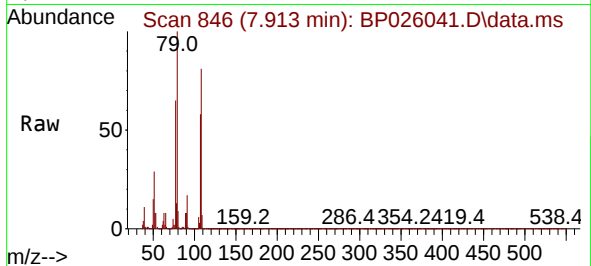




#15
Benzyl Alcohol
Concen: 45.165 ng
RT: 7.913 min Scan# 846
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

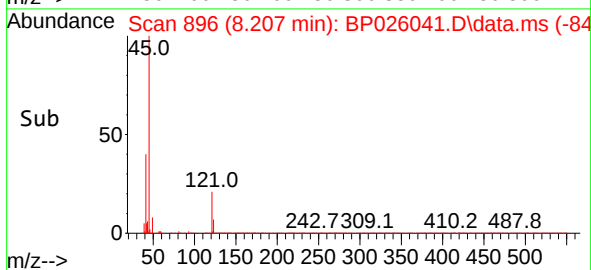
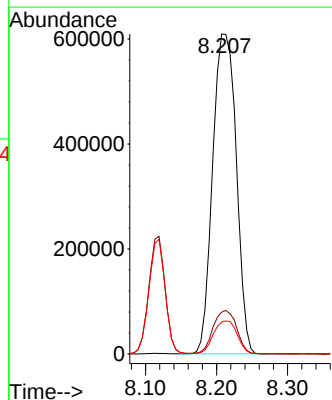
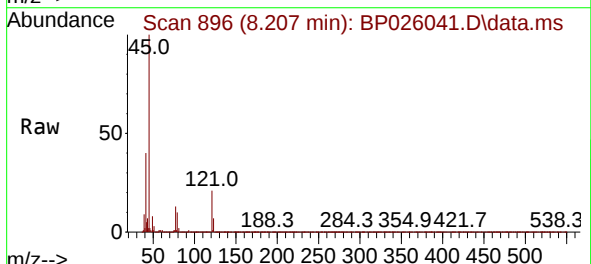
Instrument :
BNA_P
ClientSampleId :
PB170294BS

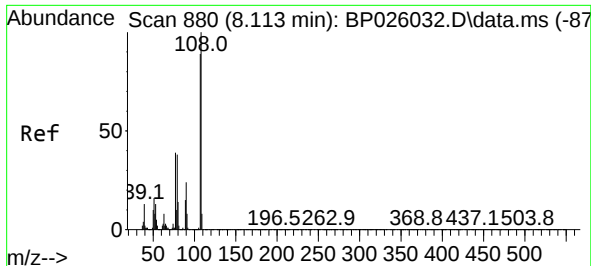
Tgt Ion: 79 Resp: 795203
Ion Ratio Lower Upper
79 100
108 80.5 66.0 99.0
77 64.6 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.436 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion: 45 Resp: 1404664
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.2
79 9.9 0.0 29.5

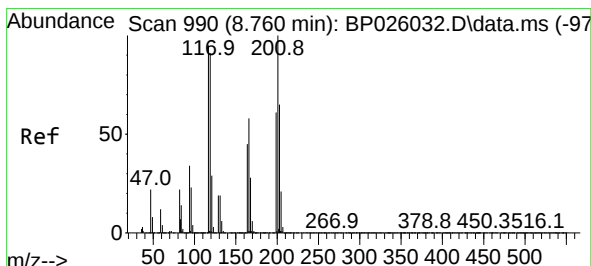
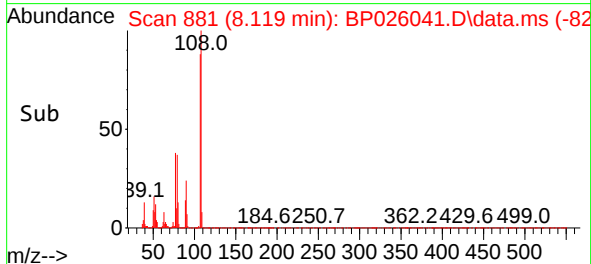
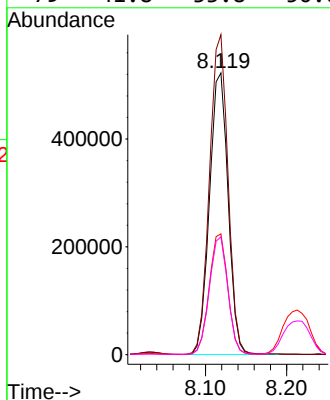
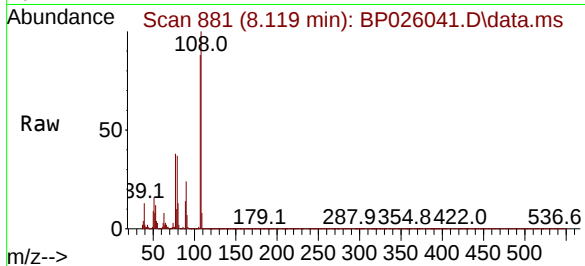




#17
2-Methylphenol
Concen: 46.923 ng
RT: 8.119 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

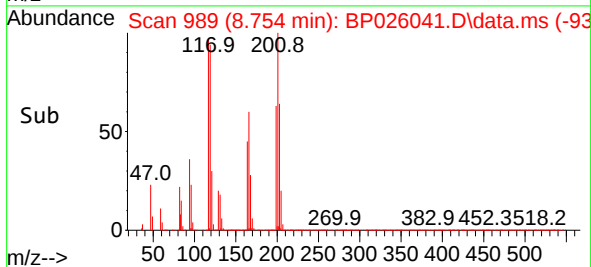
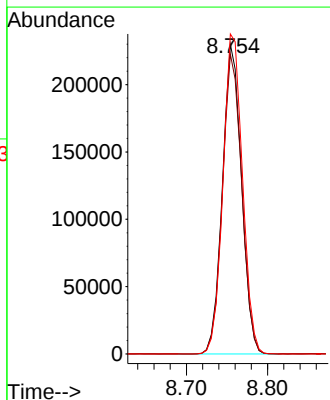
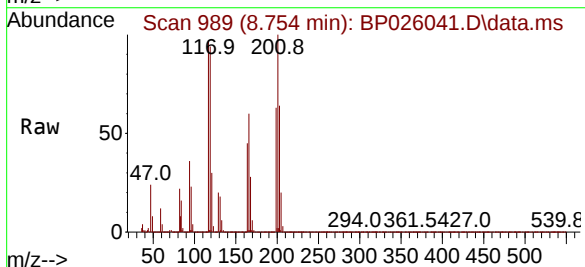
Instrument :
BNA_P
ClientSampleId :
PB170294BS

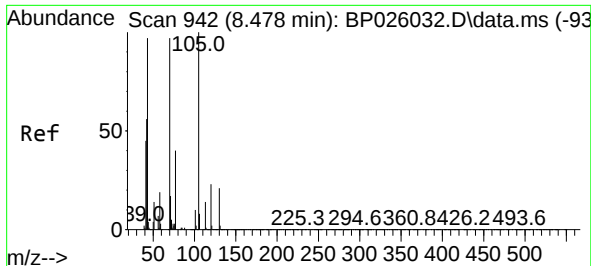
Tgt Ion:107 Resp: 833092
Ion Ratio Lower Upper
107 100
108 113.6 89.8 134.8
77 42.9 34.8 52.2
79 41.8 33.8 50.6



#18
Hexachloroethane
Concen: 44.638 ng
RT: 8.754 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:117 Resp: 376845
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
201 103.3 84.2 126.4

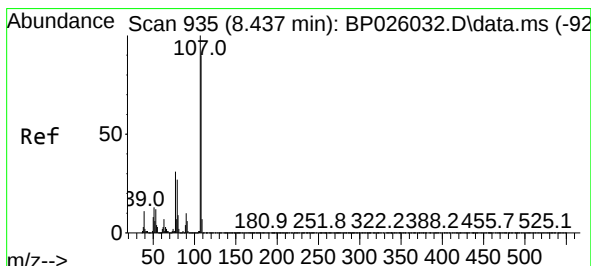
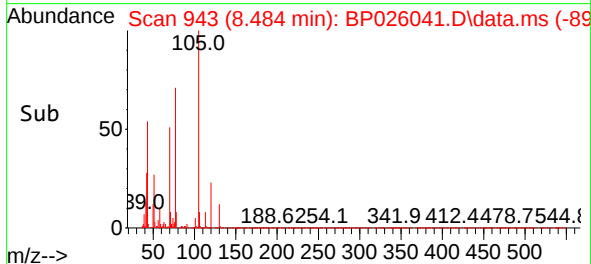
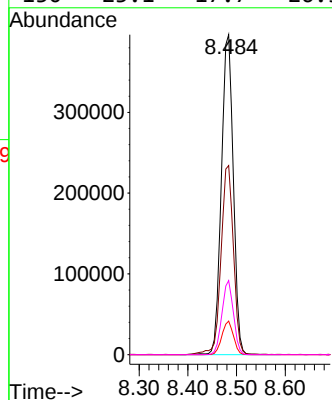
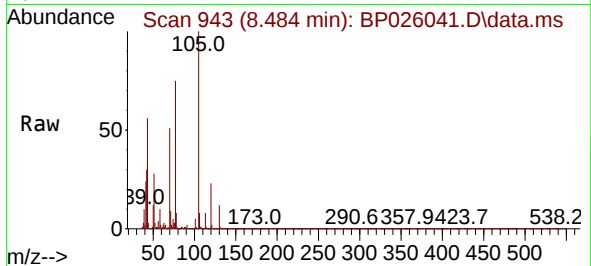




#19
n-Nitroso-di-n-propylamine
Concen: 44.606 ng
RT: 8.484 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

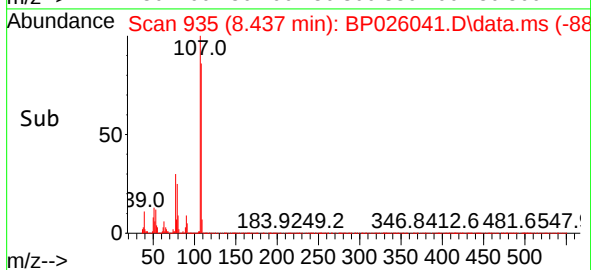
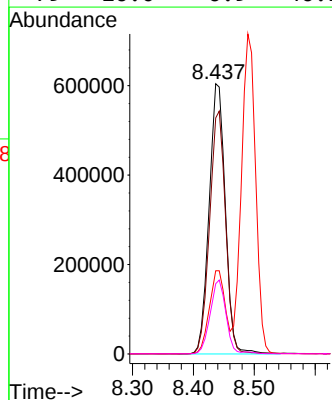
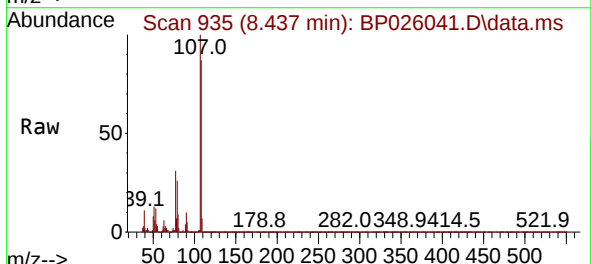
Instrument :
BNA_P
ClientSampleId :
PB170294BS

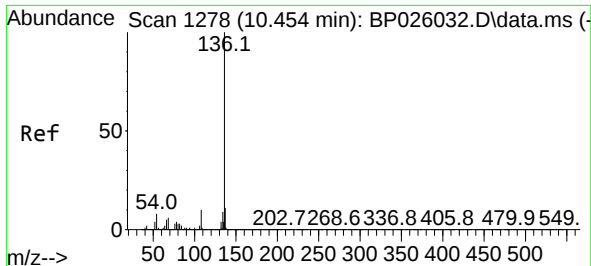
Tgt Ion: 70 Resp: 676241
Ion Ratio Lower Upper
70 100
42 59.1 47.2 70.8
101 10.5 8.2 12.2
130 23.1 17.7 26.5



#20
3+4-Methylphenols
Concen: 45.292 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:107 Resp: 1118668
Ion Ratio Lower Upper
107 100
108 87.3 70.1 110.1
77 30.8 10.7 50.7
79 26.0 6.9 46.9

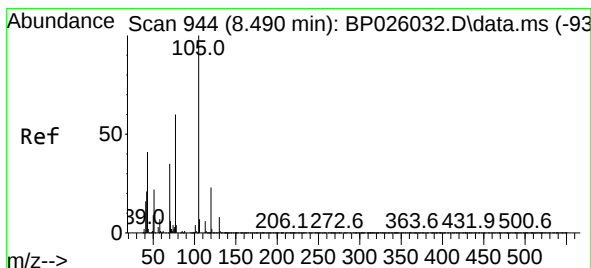
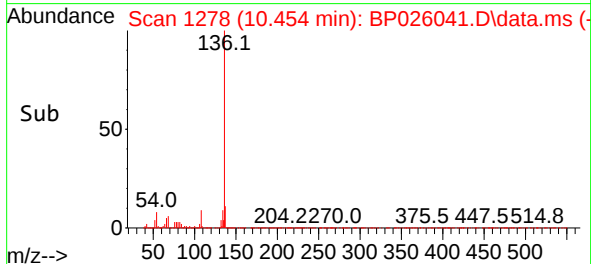
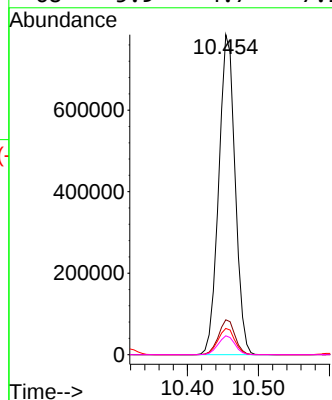
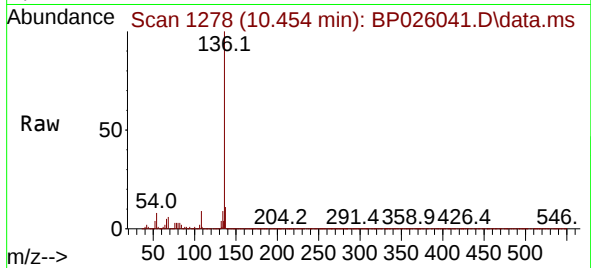




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

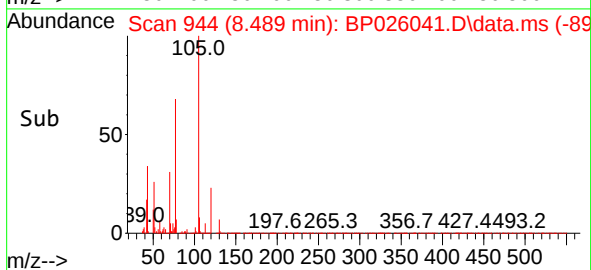
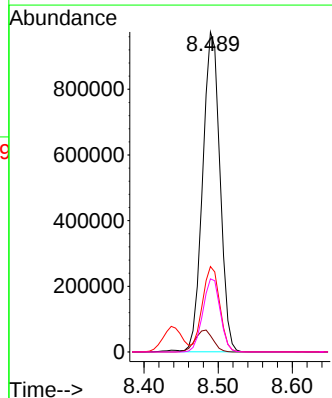
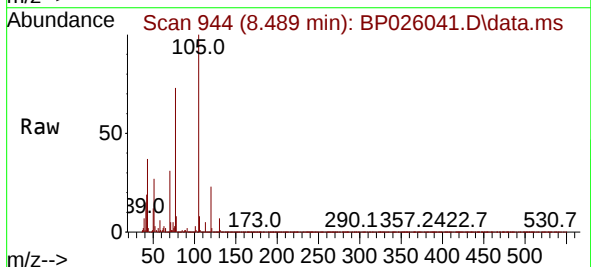
Instrument :
BNA_P
ClientSampleId :
PB170294BS

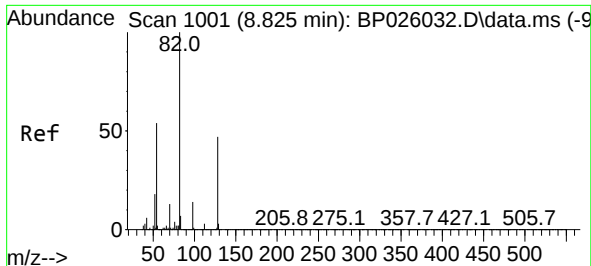
Tgt Ion:136 Resp: 1252981
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 6.6 10.0
68 5.9 4.7 7.1



#22
Acetophenone
Concen: 49.787 ng
RT: 8.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:105 Resp: 1577688
Ion Ratio Lower Upper
105 100
71 5.1 4.7 7.1
51 26.7 21.8 32.8
120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 90.788 ng

RT: 8.825 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

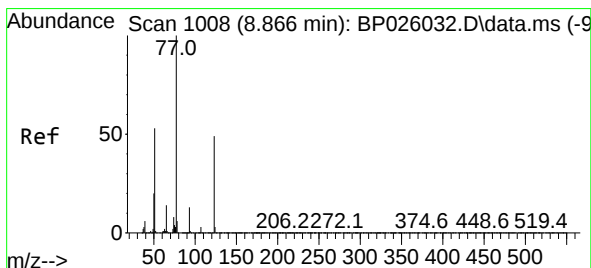
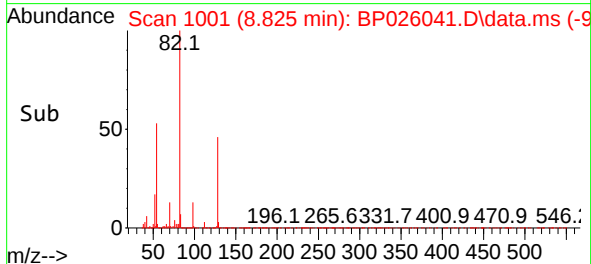
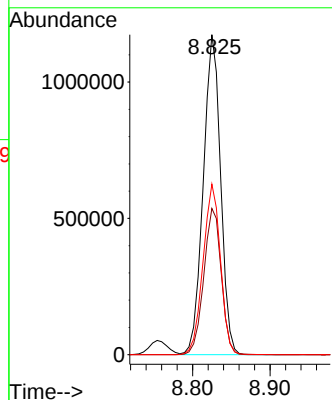
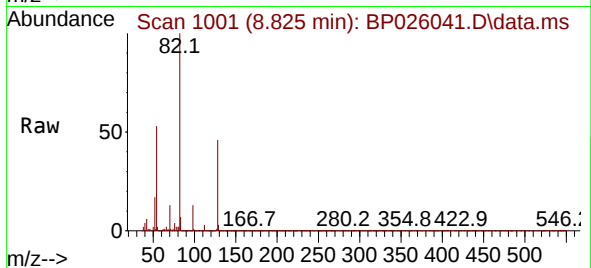
Tgt Ion: 82 Resp: 1824765

Ion Ratio Lower Upper

82 100

128 45.7 37.4 56.0

54 53.3 42.7 64.1



#24

Nitrobenzene

Concen: 46.264 ng

RT: 8.866 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

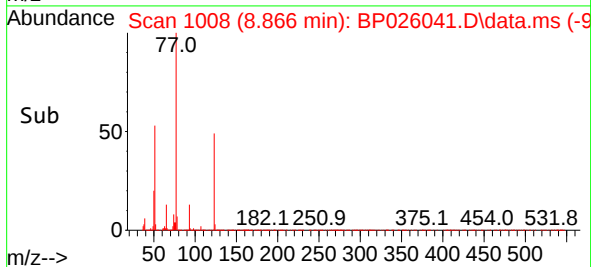
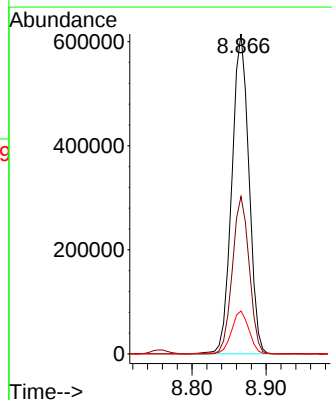
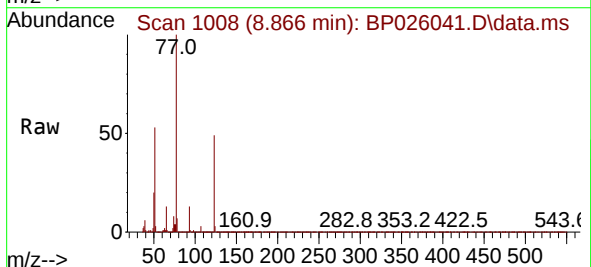
Tgt Ion: 77 Resp: 981784

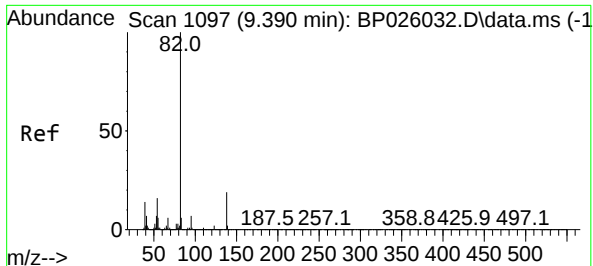
Ion Ratio Lower Upper

77 100

123 49.2 39.0 58.4

65 13.4 10.9 16.3

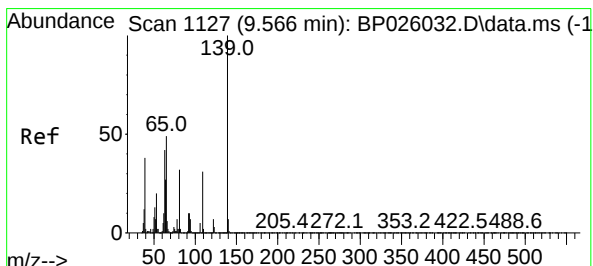
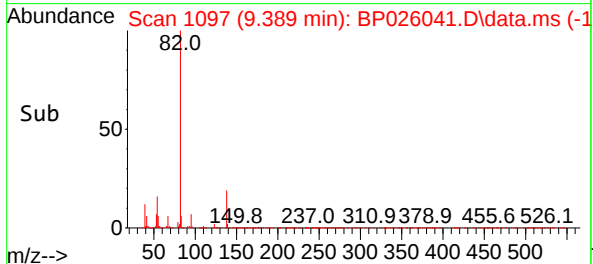
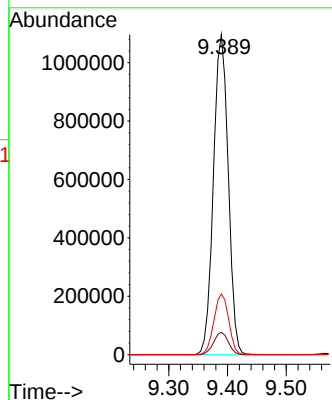
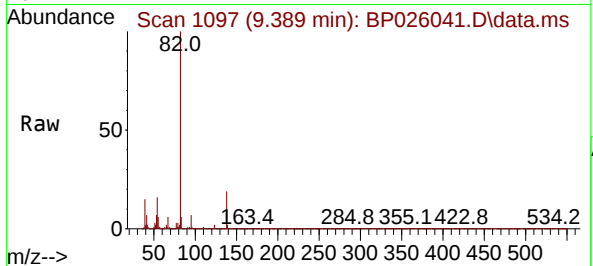




#25
Isophorone
Concen: 44.513 ng
RT: 9.389 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

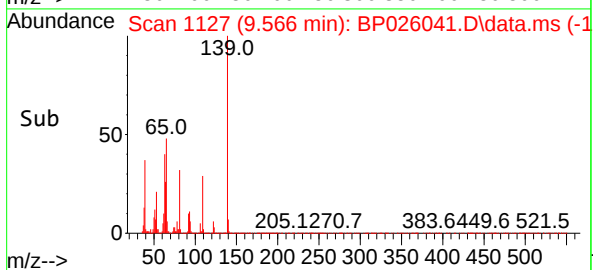
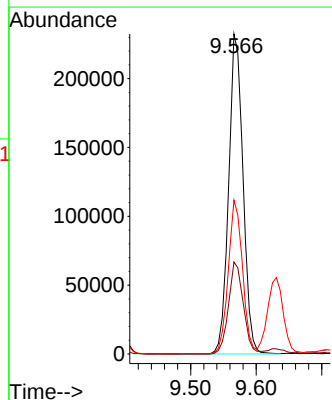
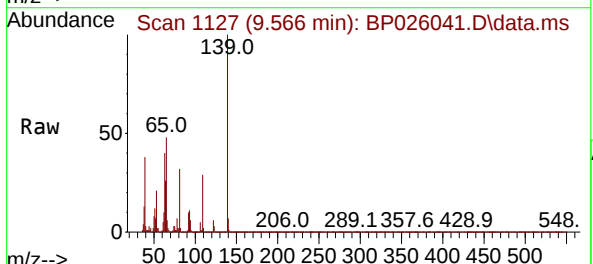
Instrument :
BNA_P
ClientSampleId :
PB170294BS

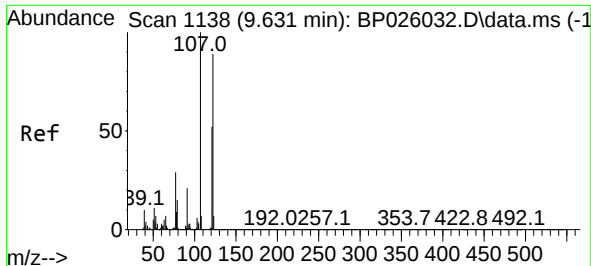
Tgt Ion: 82 Resp: 1914996
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.0 15.0 22.6



#26
2-Nitrophenol
Concen: 45.395 ng
RT: 9.566 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion: 139 Resp: 353388
Ion Ratio Lower Upper
139 100
109 28.7 24.8 37.2
65 48.1 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 52.364 ng

RT: 9.631 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

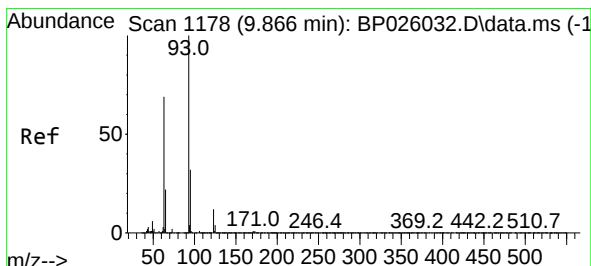
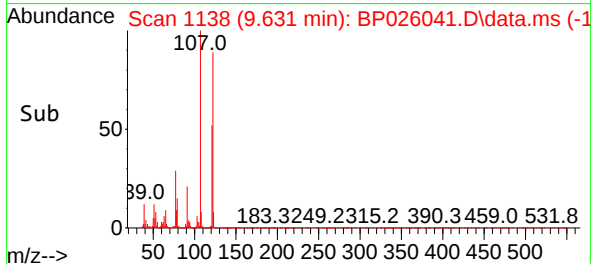
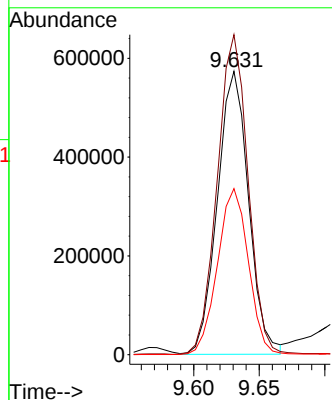
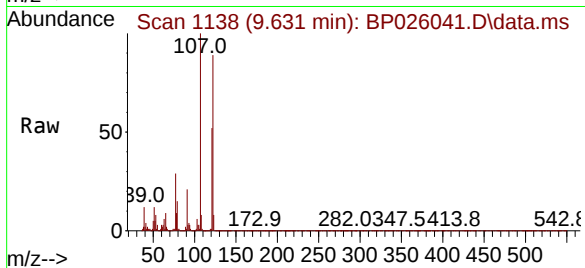
Tgt Ion:122 Resp: 947330

Ion Ratio Lower Upper

122 100

107 113.0 89.2 133.8

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.500 ng

RT: 9.872 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

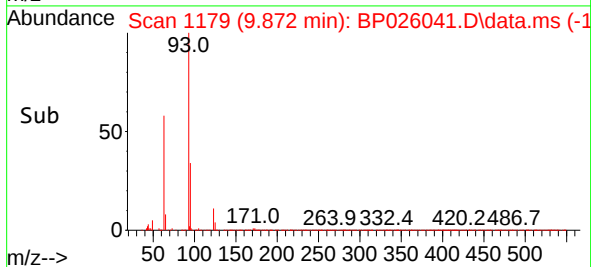
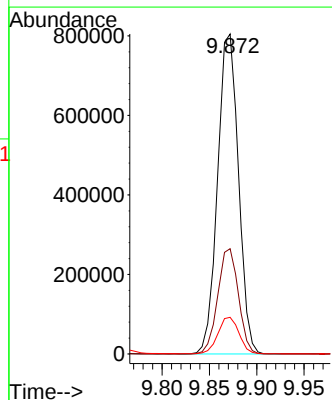
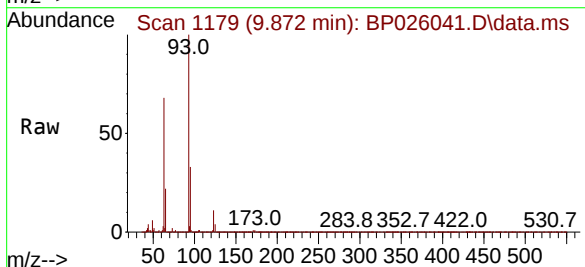
Tgt Ion: 93 Resp: 1233610

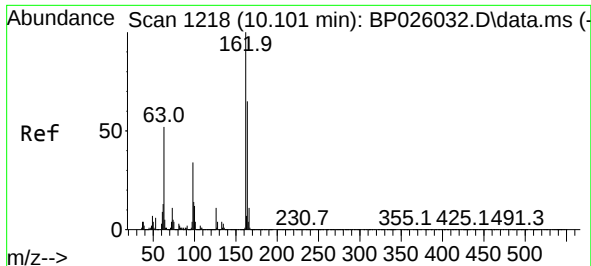
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

123 11.4 9.3 13.9

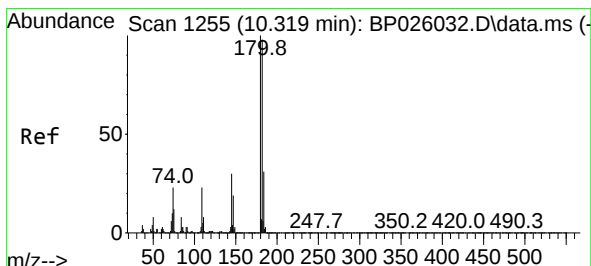
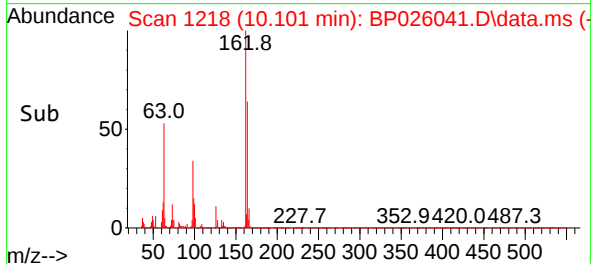
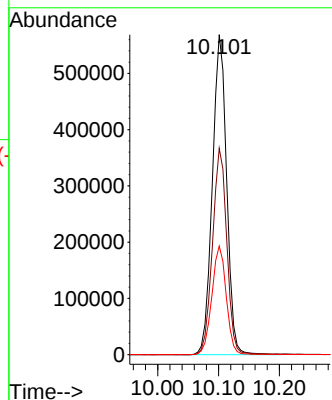
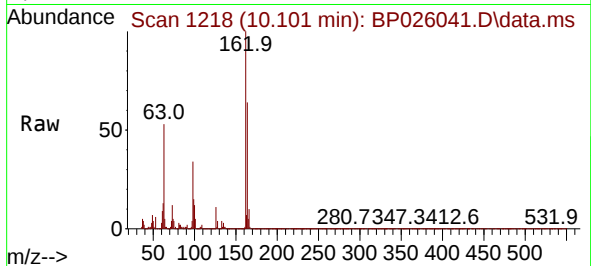




#29
2,4-Dichlorophenol
Concen: 48.536 ng
RT: 10.101 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

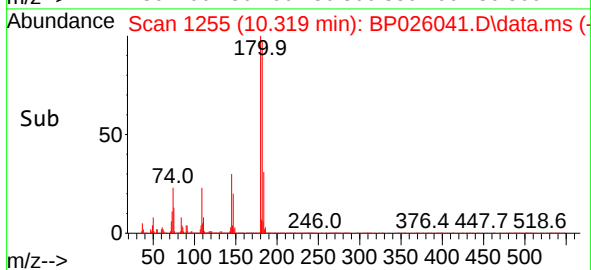
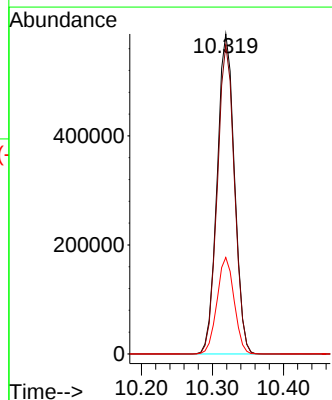
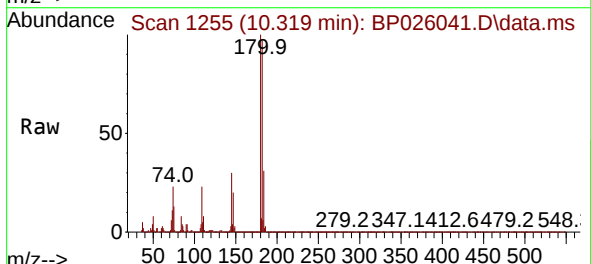
Instrument :
BNA_P
ClientSampleId :
PB170294BS

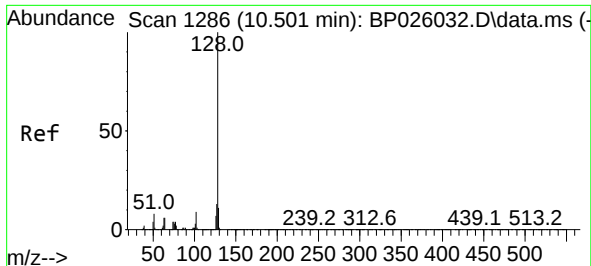
Tgt Ion:162 Resp: 927133
Ion Ratio Lower Upper
162 100
164 64.5 44.6 84.6
98 34.0 14.0 54.0



#30
1,2,4-Trichlorobenzene
Concen: 47.743 ng
RT: 10.319 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:180 Resp: 991239
Ion Ratio Lower Upper
180 100
182 96.7 78.6 117.8
145 30.2 24.2 36.4

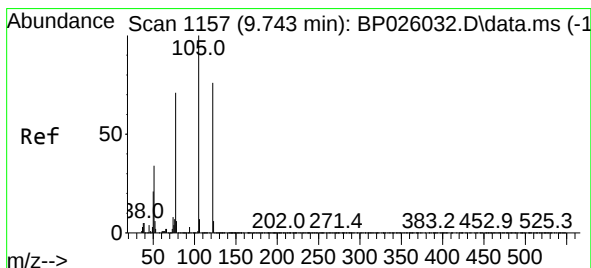
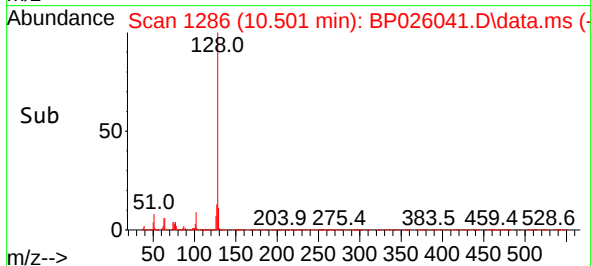
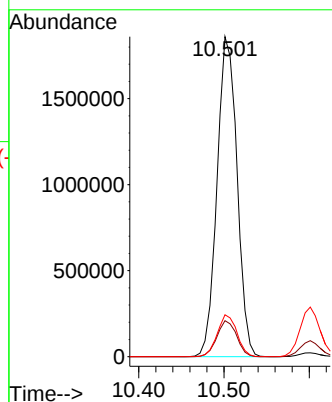
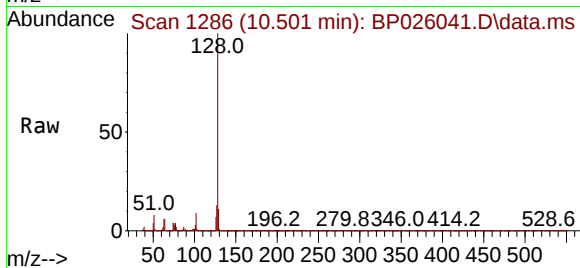




#31
Naphthalene
Concen: 44.420 ng
RT: 10.501 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

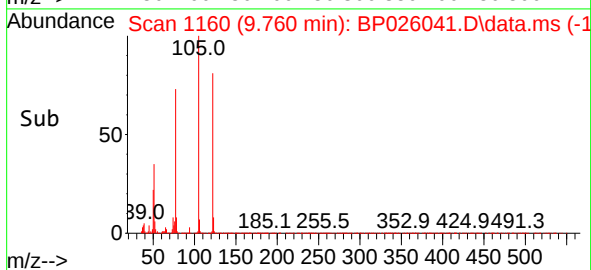
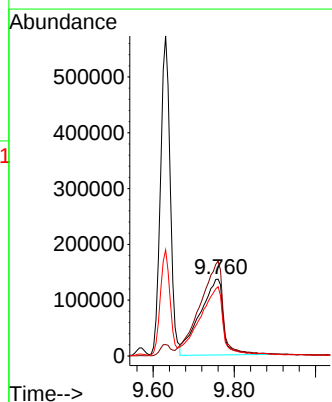
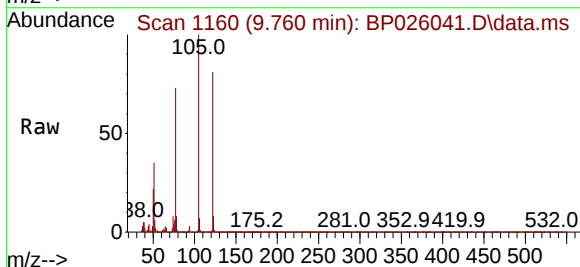
Instrument :
BNA_P
ClientSampleId :
PB170294BS

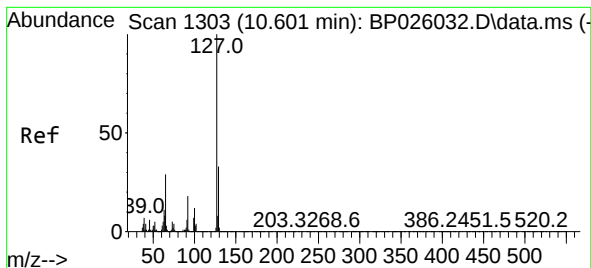
Tgt Ion:128 Resp: 3035098
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 49.632 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.018 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:122 Resp: 550420
Ion Ratio Lower Upper
122 100
105 123.3 104.8 144.8
77 90.2 70.9 110.9

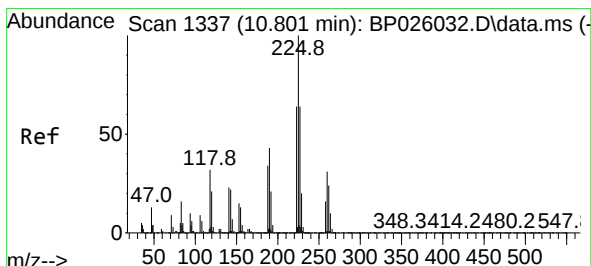
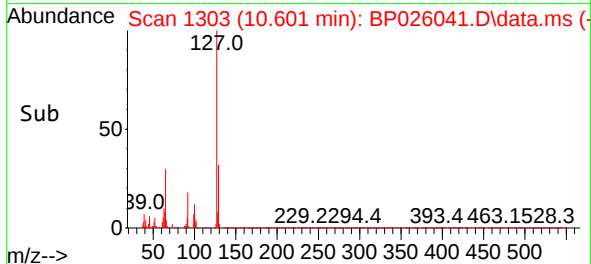
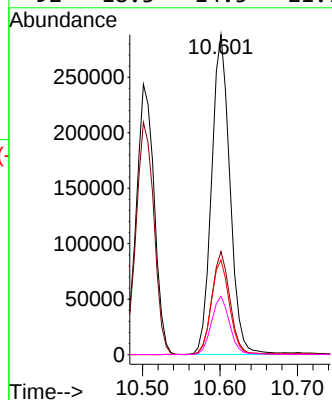
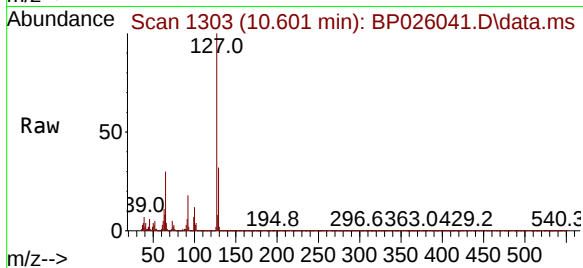




#33
4-Chloroaniline
Concen: 18.079 ng
RT: 10.601 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

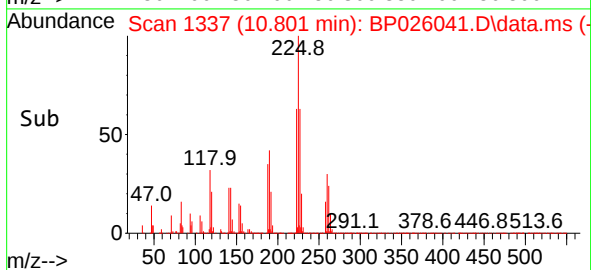
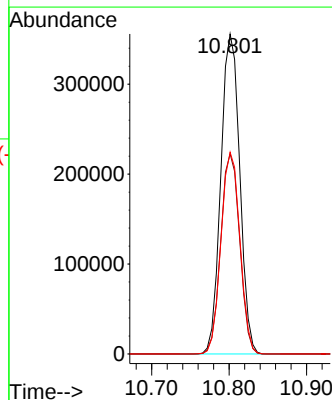
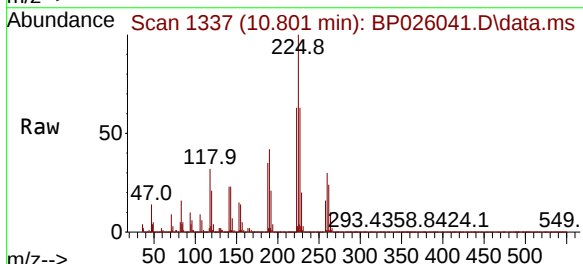
Instrument :
BNA_P
ClientSampleId :
PB170294BS

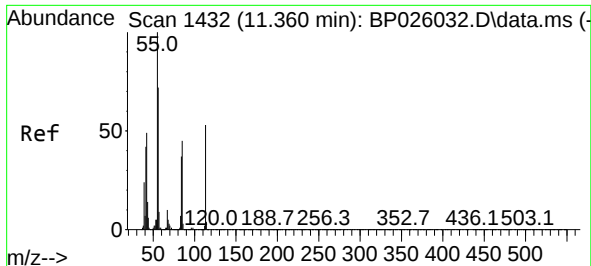
Tgt Ion:	127	Resp:	474699
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	29.6	23.2	34.8
92	18.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 45.808 ng
RT: 10.801 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:	225	Resp:	604383
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	63.1	51.0	76.4

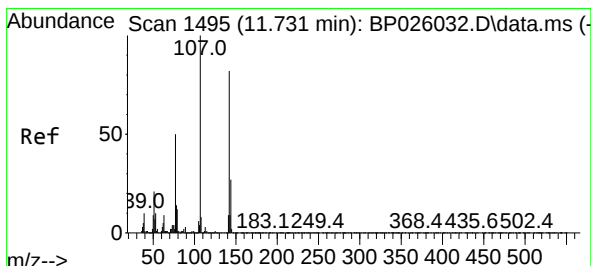
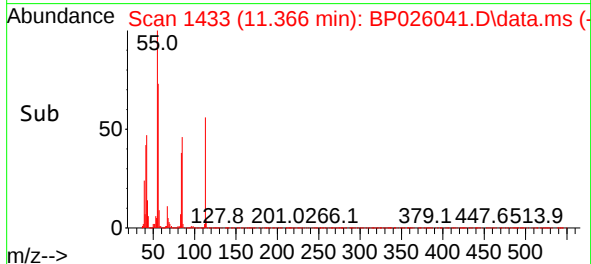
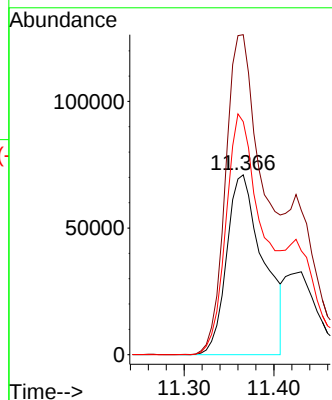
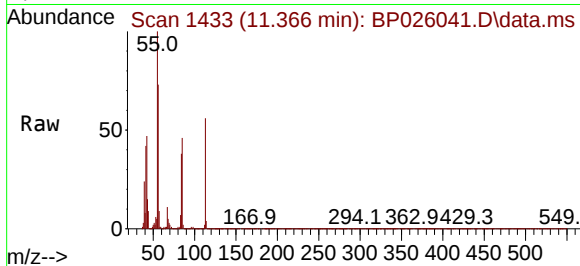




#35
Caprolactam
Concen: 29.881 ng
RT: 11.366 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

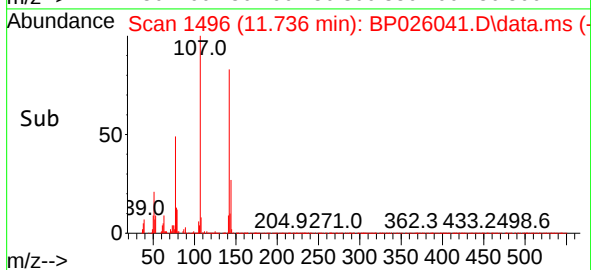
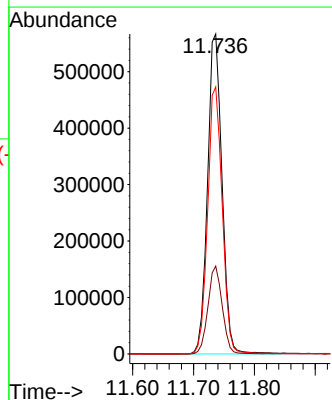
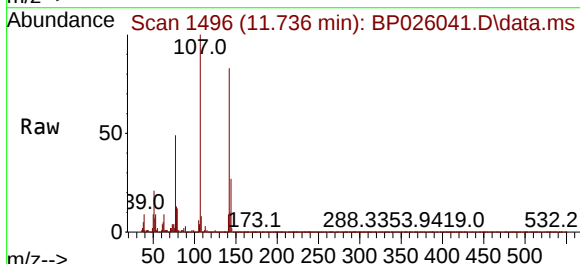
Instrument :
BNA_P
ClientSampleId :
PB170294BS

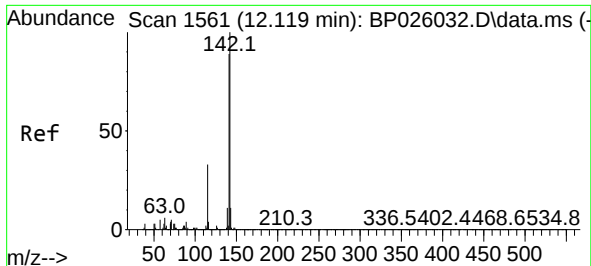
Tgt Ion:113 Resp: 200439
Ion Ratio Lower Upper
113 100
55 177.9 169.9 209.9
56 129.5 116.7 156.7



#36
4-Chloro-3-methylphenol
Concen: 46.899 ng
RT: 11.736 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:107 Resp: 939108
Ion Ratio Lower Upper
107 100
144 27.5 21.3 31.9
142 83.5 65.2 97.8

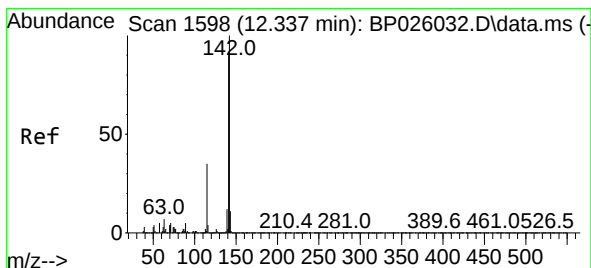
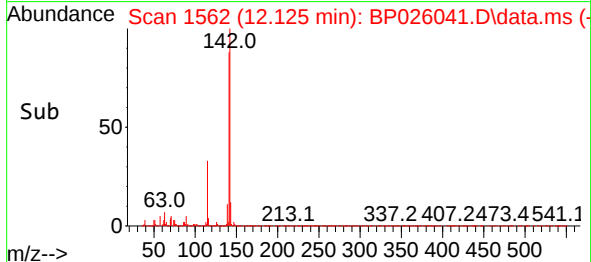
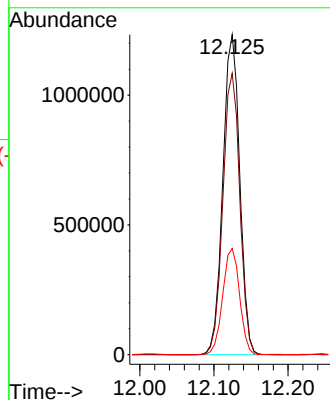
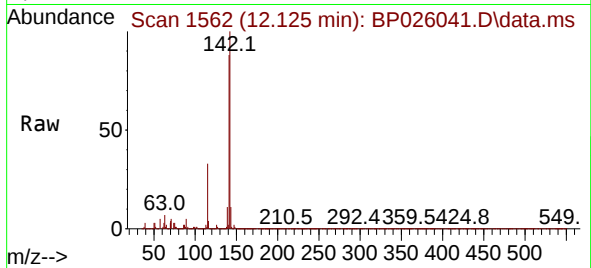




#37
2-Methylnaphthalene
Concen: 40.747 ng
RT: 12.125 min Scan# 1562
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

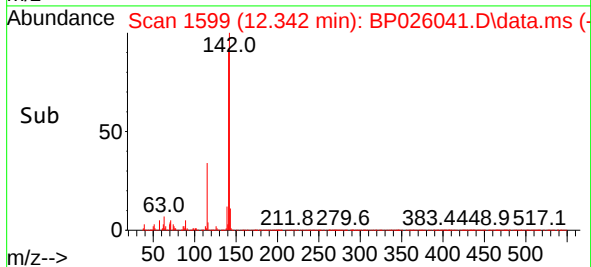
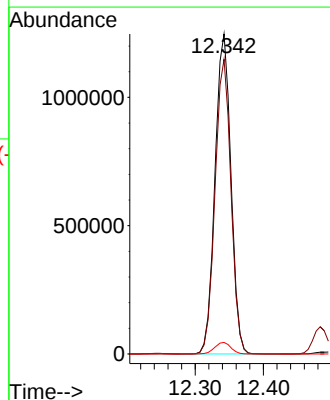
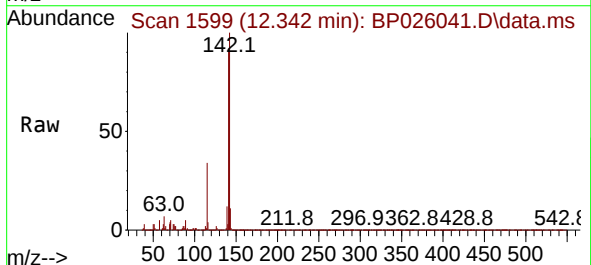
Instrument :
BNA_P
ClientSampleId :
PB170294BS

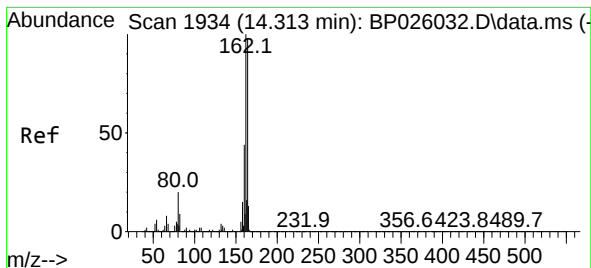
Tgt Ion:142 Resp: 1948618
Ion Ratio Lower Upper
142 100
141 87.9 71.6 107.4
115 33.2 26.6 39.8



#38
1-Methylnaphthalene
Concen: 43.572 ng
RT: 12.342 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:142 Resp: 2024336
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.324 min Scan# 1934

Delta R.T. 0.006 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

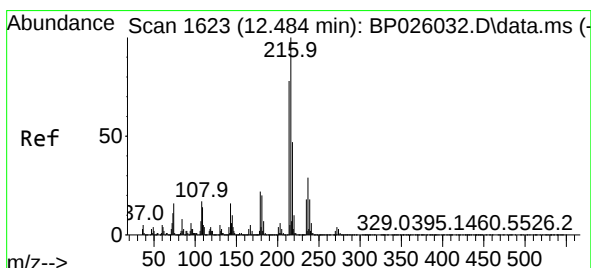
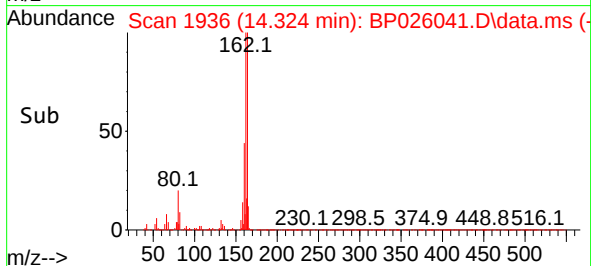
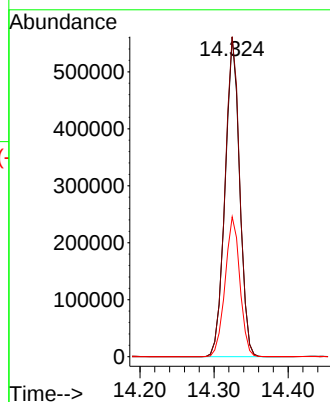
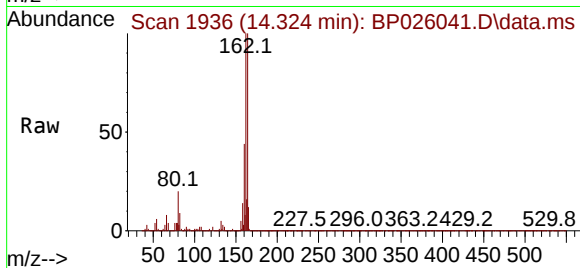
Tgt Ion:164 Resp: 762334

Ion Ratio Lower Upper

164 100

162 100.1 81.5 122.3

160 43.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.260 ng

RT: 12.495 min Scan# 1625

Delta R.T. 0.006 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Tgt Ion:216 Resp: 1190507

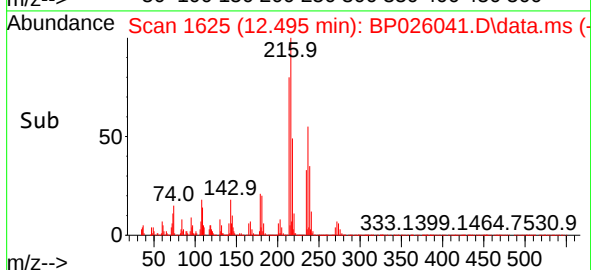
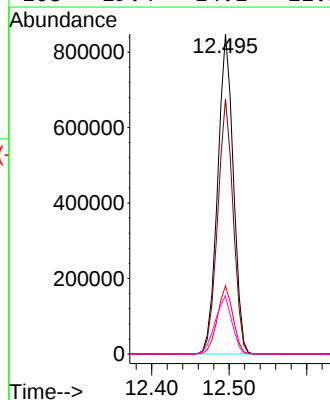
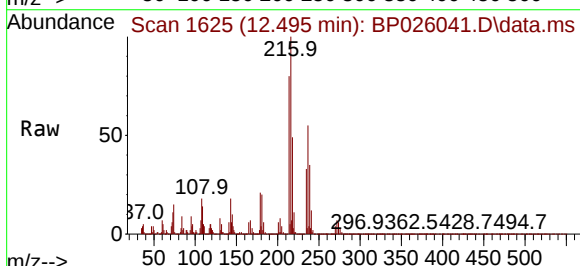
Ion Ratio Lower Upper

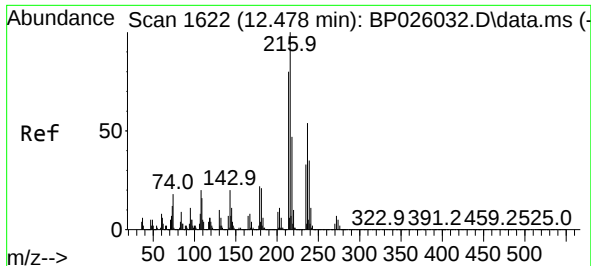
216 100

214 78.8 62.9 94.3

179 21.1 16.9 25.3

108 19.4 14.1 21.1

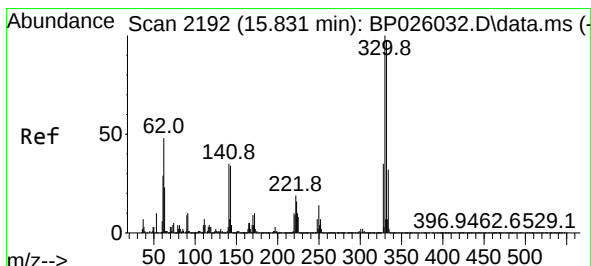
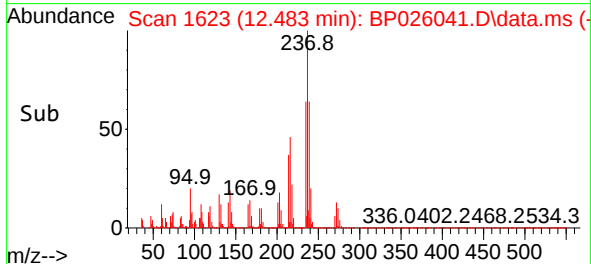
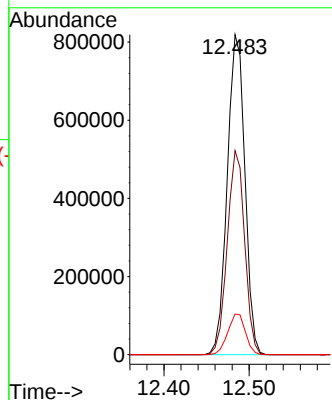
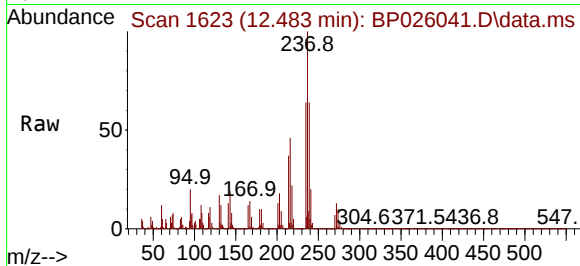




#41
Hexachlorocyclopentadiene
Concen: 136.151 ng
RT: 12.483 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

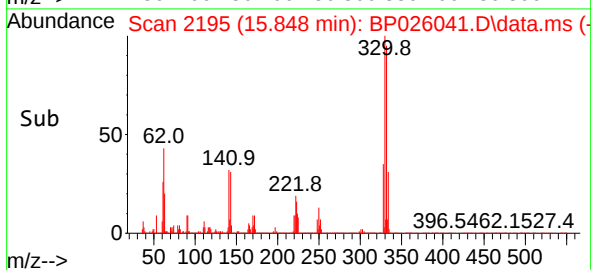
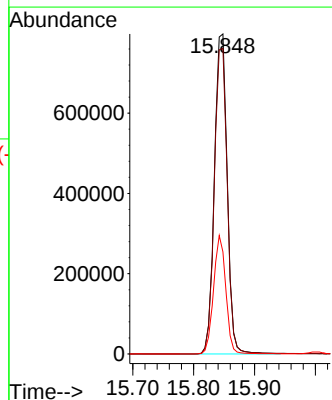
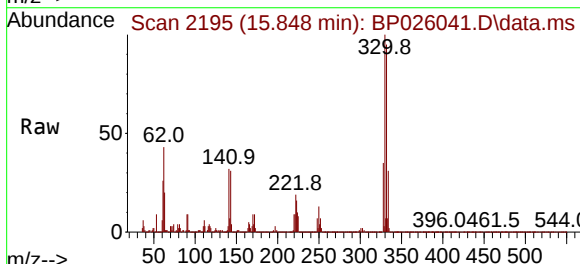
Instrument :
BNA_P
ClientSampleId :
PB170294BS

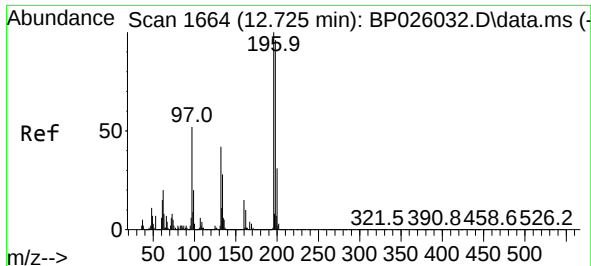
Tgt Ion:237 Resp: 1179949
Ion Ratio Lower Upper
237 100
235 63.7 40.4 80.4
272 12.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 141.573 ng
RT: 15.848 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:330 Resp: 1166786
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 35.5 28.6 42.8

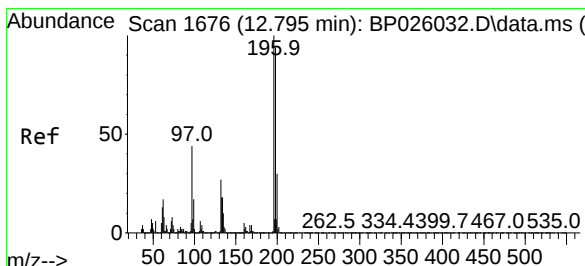
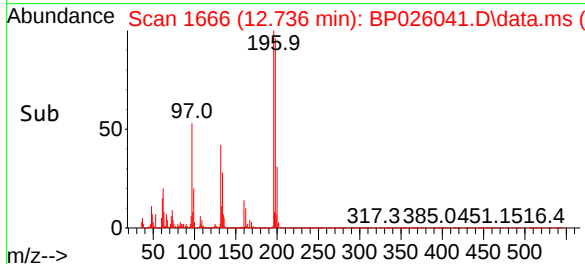
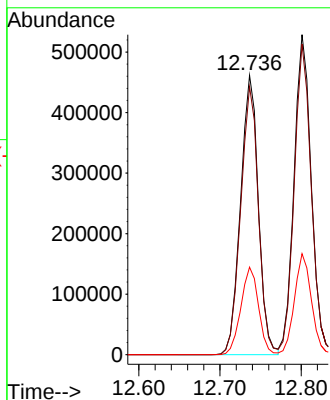
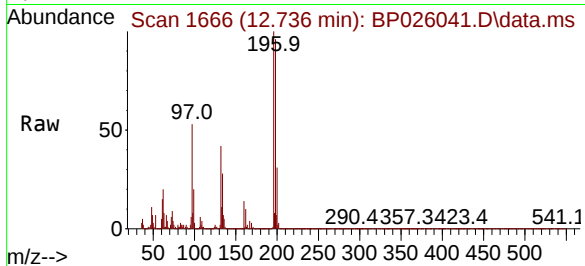




#43
2,4,6-Trichlorophenol
Concen: 50.331 ng
RT: 12.736 min Scan# 1666
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

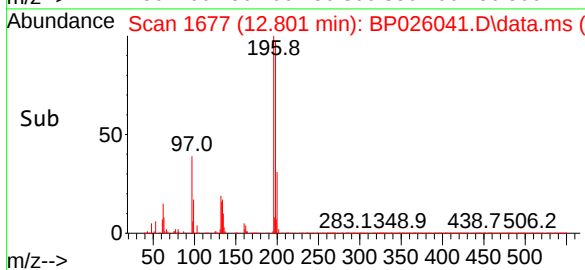
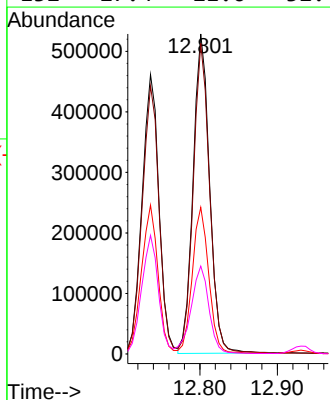
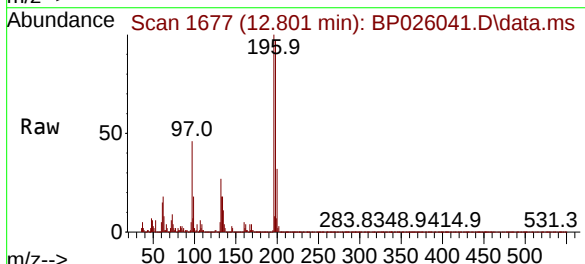
Instrument :
BNA_P
ClientSampleId :
PB170294BS

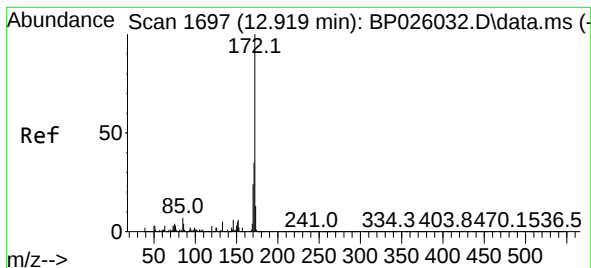
Tgt Ion:196 Resp: 704673
Ion Ratio Lower Upper
196 100
198 95.9 76.5 114.7
200 31.4 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 48.960 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:196 Resp: 782169
Ion Ratio Lower Upper
196 100
198 97.0 75.1 112.7
97 45.8 35.5 53.3
132 27.4 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 89.265 ng

RT: 12.930 min Scan# 1

Delta R.T. -0.001 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

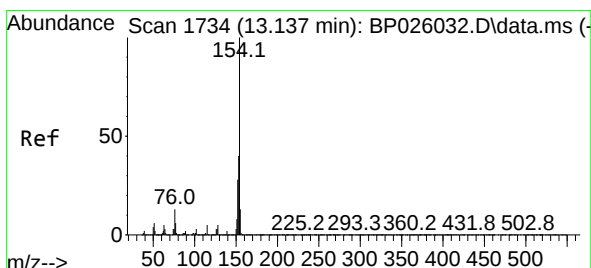
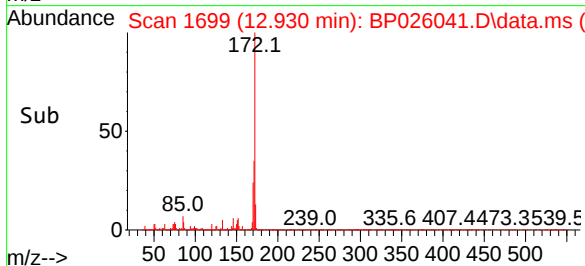
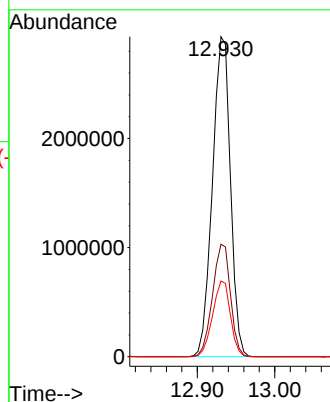
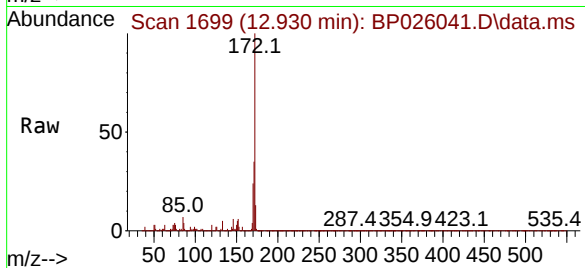
Tgt Ion:172 Resp: 4735796

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.894 ng

RT: 13.148 min Scan# 1736

Delta R.T. 0.012 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

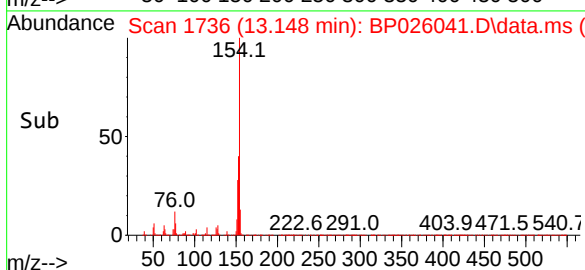
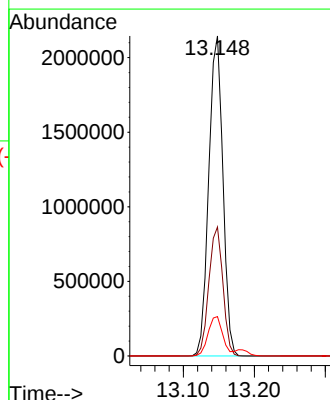
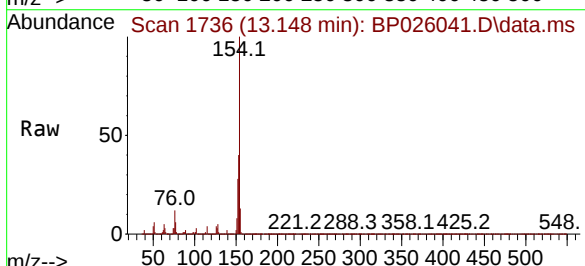
Tgt Ion:154 Resp: 2970827

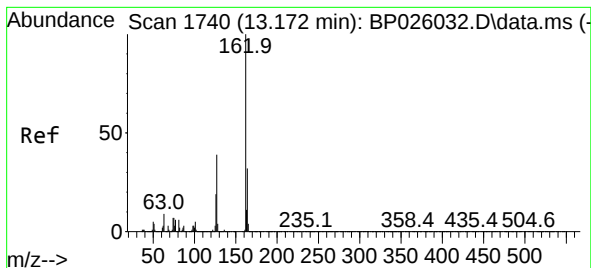
Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

76 12.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 45.430 ng

RT: 13.183 min Scan# 1740

Delta R.T. 0.012 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

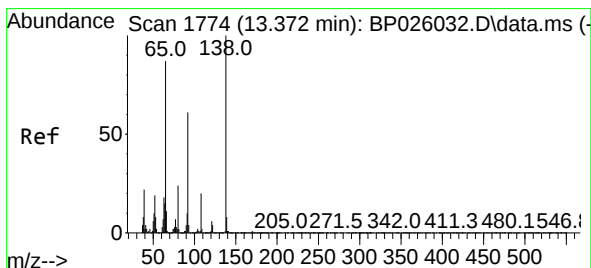
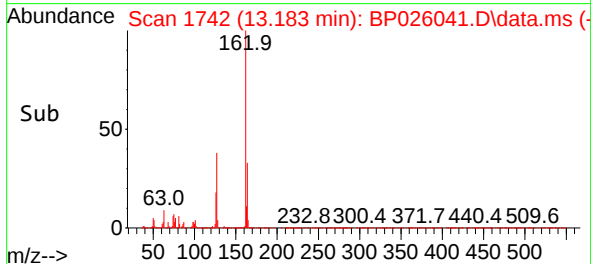
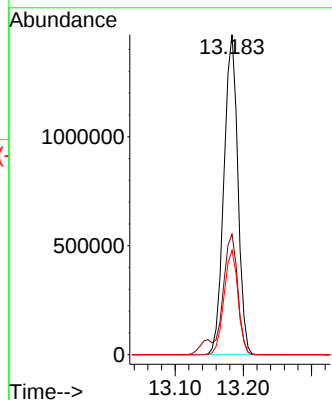
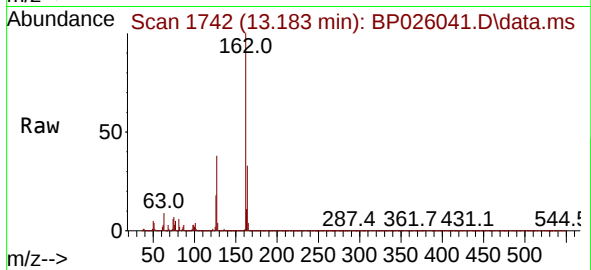
Tgt Ion:162 Resp: 2086440

Ion Ratio Lower Upper

162 100

127 37.6 31.4 47.2

164 32.6 25.9 38.9



#48

2-Nitroaniline

Concen: 44.423 ng

RT: 13.383 min Scan# 1776

Delta R.T. 0.005 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

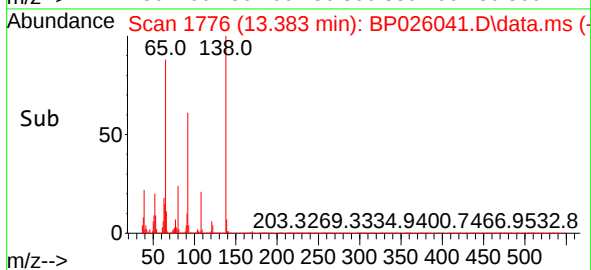
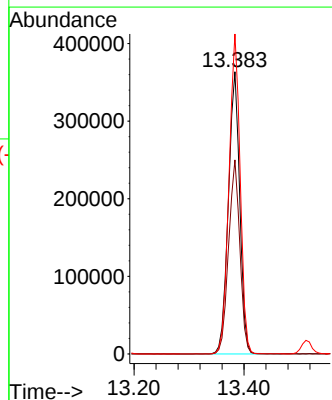
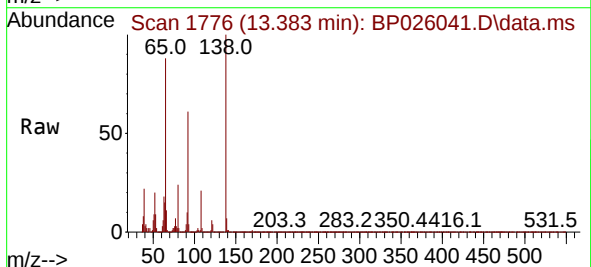
Tgt Ion: 65 Resp: 522311

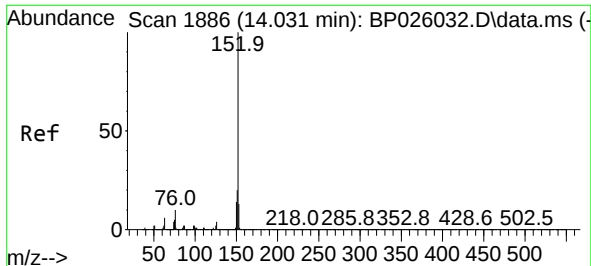
Ion Ratio Lower Upper

65 100

92 68.8 55.5 83.3

138 113.4 91.7 137.5

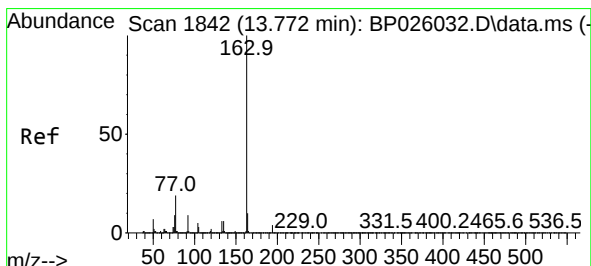
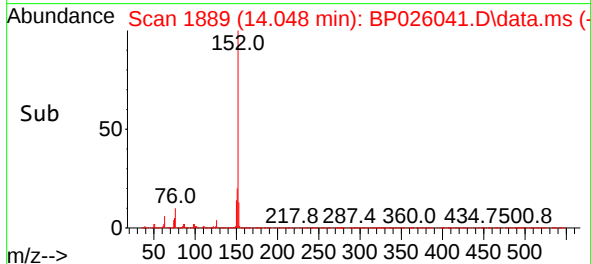
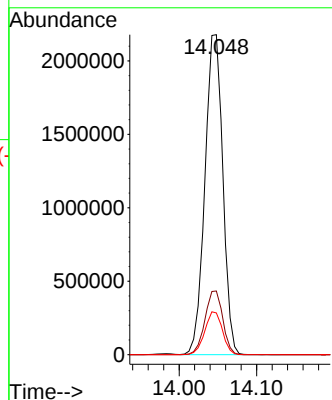
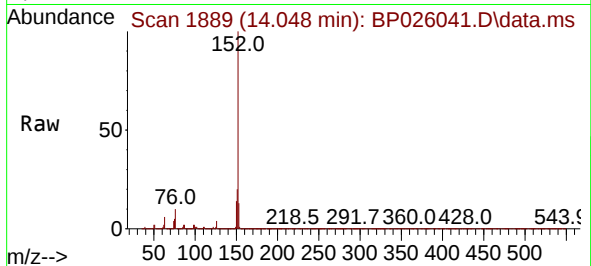




#49
Acenaphthylene
Concen: 52.235 ng
RT: 14.048 min Scan# 1889
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

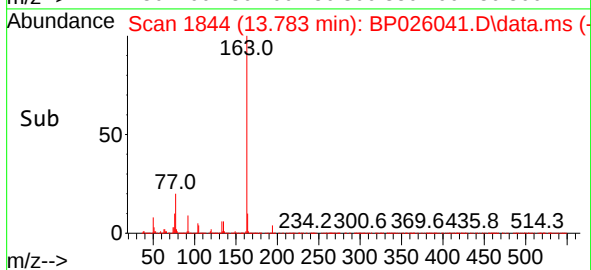
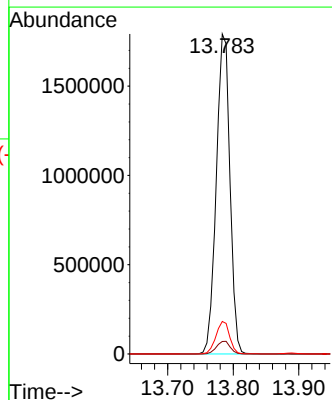
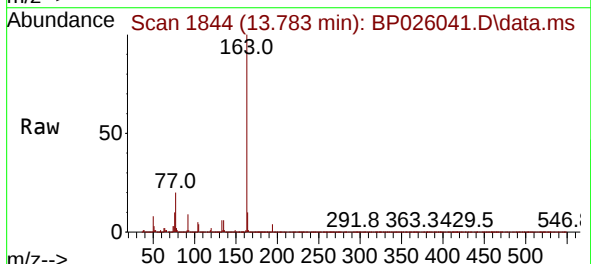
Instrument :
BNA_P
ClientSampleId :
PB170294BS

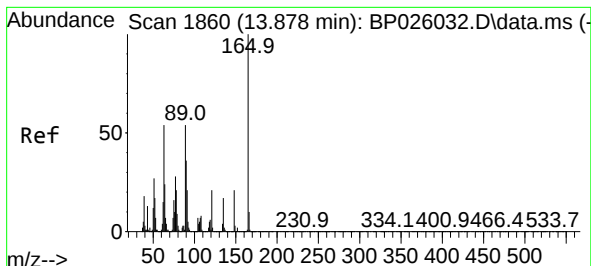
Tgt Ion:152 Resp: 3496557
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 46.504 ng
RT: 13.783 min Scan# 1844
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:163 Resp: 2578710
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2

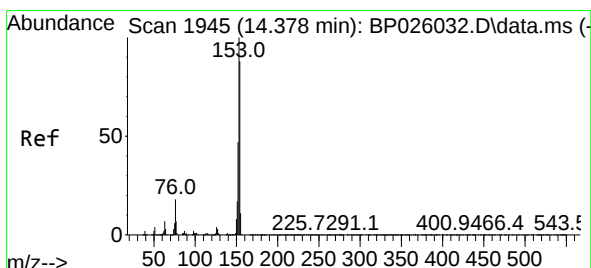
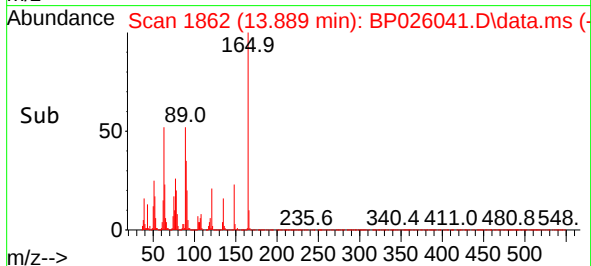
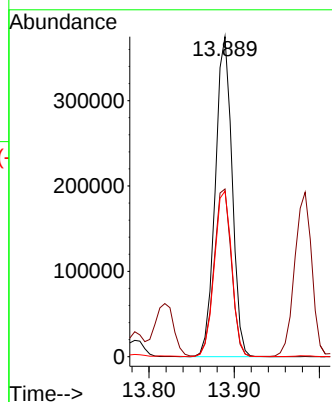
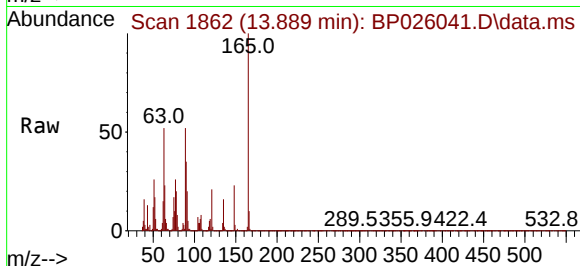




#51
2,6-Dinitrotoluene
Concen: 49.461 ng
RT: 13.889 min Scan# 1862
Delta R.T. 0.011 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

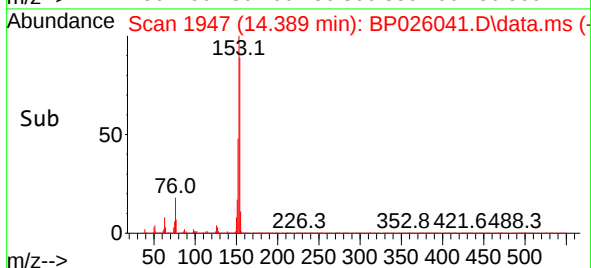
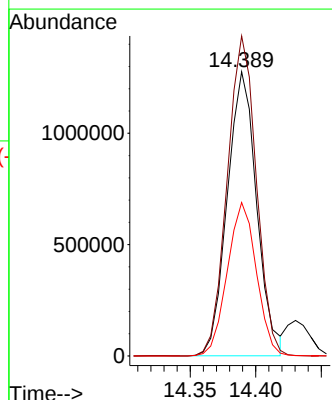
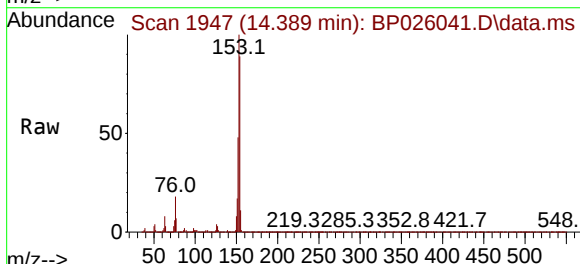
Instrument :
BNA_P
ClientSampleId :
PB170294BS

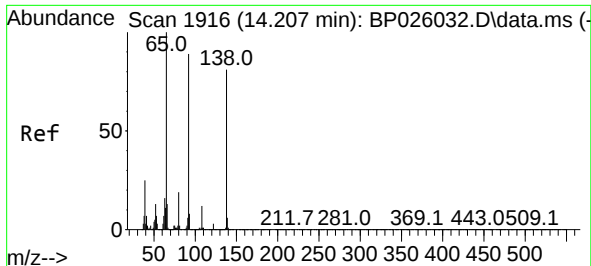
Tgt Ion:165 Resp: 513089
Ion Ratio Lower Upper
165 100
63 52.4 43.0 64.4
89 51.8 43.0 64.4



#52
Acenaphthene
Concen: 43.373 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:154 Resp: 1993178
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 54.0 42.7 64.1

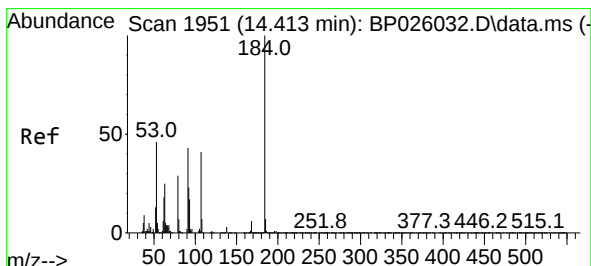
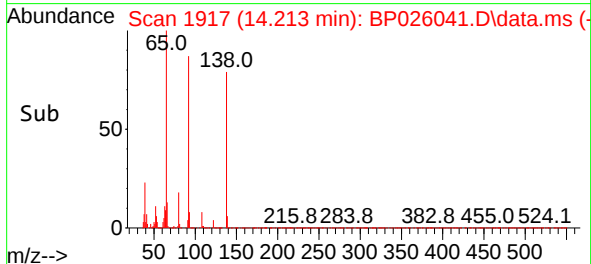
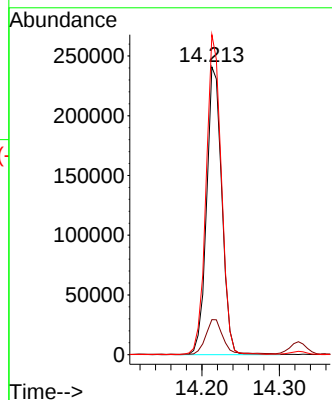
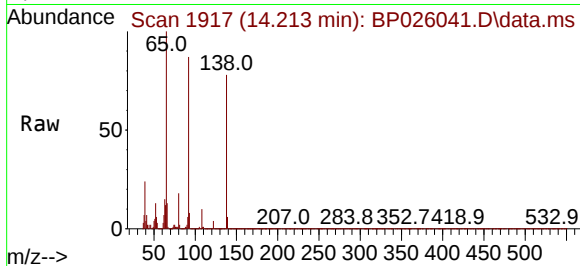




#53
3-Nitroaniline
Concen: 27.424 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

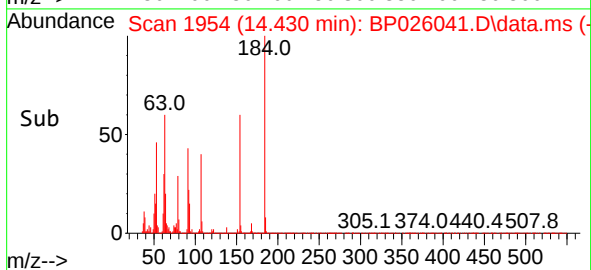
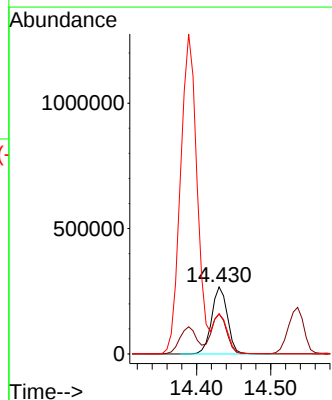
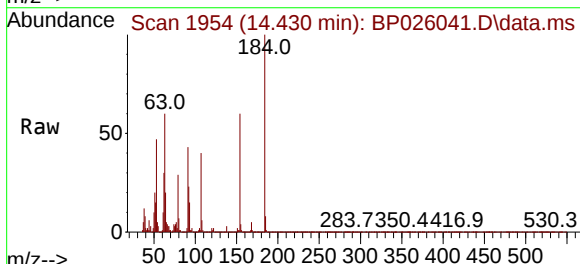
Instrument :
BNA_P
ClientSampleId :
PB170294BS

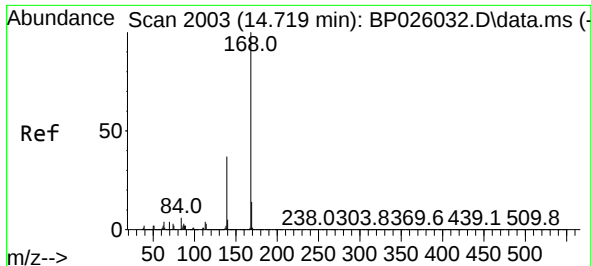
Tgt Ion:138 Resp: 327642
Ion Ratio Lower Upper
138 100
108 12.2 11.4 17.0
92 111.2 87.1 130.7



#54
2,4-Dinitrophenol
Concen: 80.695 ng
RT: 14.430 min Scan# 1954
Delta R.T. 0.011 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:184 Resp: 394843
Ion Ratio Lower Upper
184 100
63 60.0 49.0 73.4
154 59.6 51.0 76.6

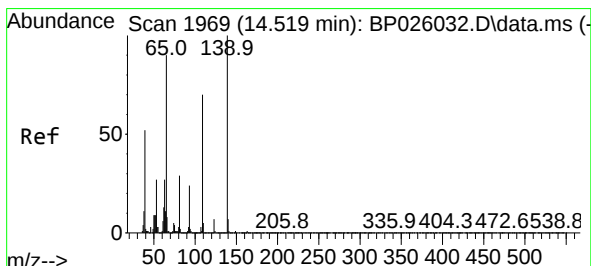
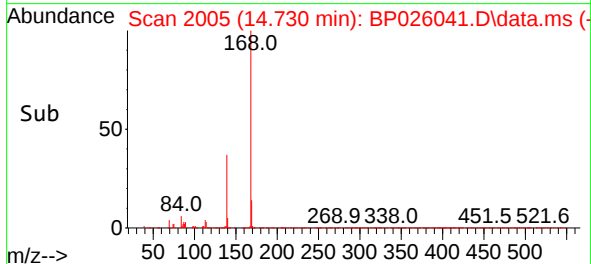
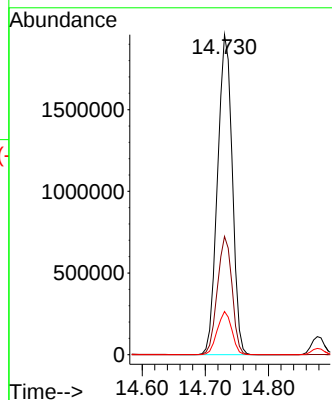
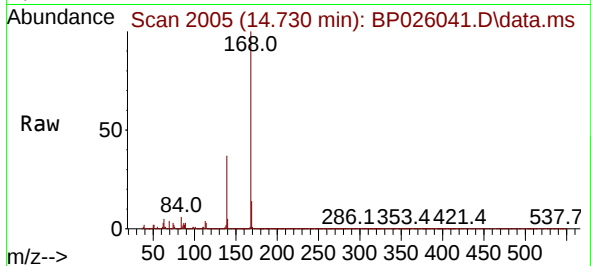




#55
Dibenzofuran
Concen: 45.652 ng
RT: 14.730 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

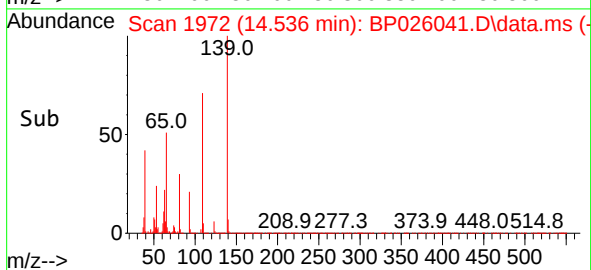
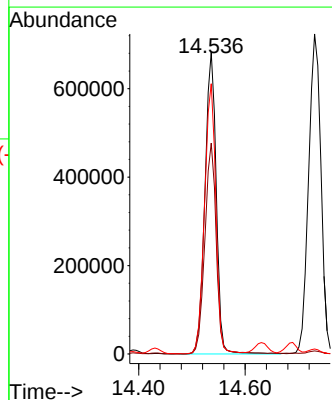
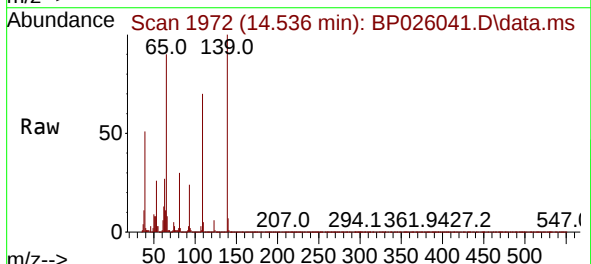
Instrument :
BNA_P
ClientSampleId :
PB170294BS

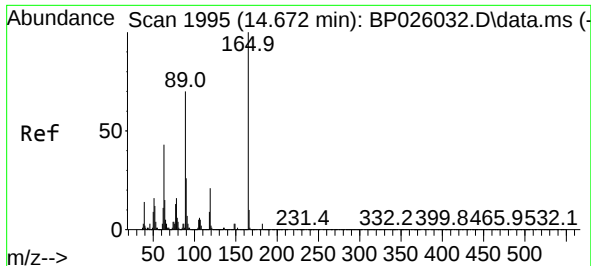
Tgt Ion:168 Resp: 3169647
Ion Ratio Lower Upper
168 100
139 37.0 29.7 44.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 90.815 ng
RT: 14.536 min Scan# 1972
Delta R.T. 0.017 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:139 Resp: 1004154
Ion Ratio Lower Upper
139 100
109 69.9 50.0 90.0
65 89.6 69.6 109.6

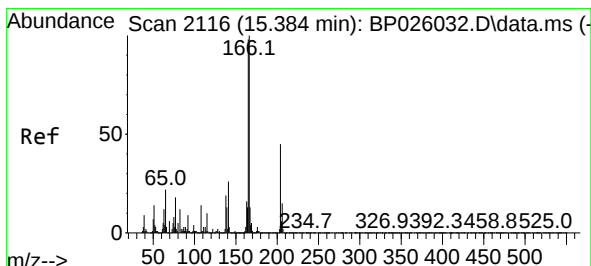
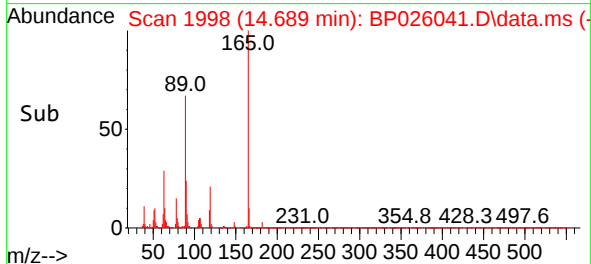
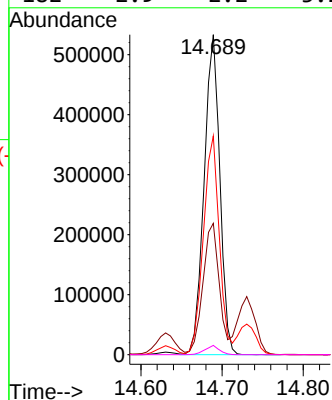
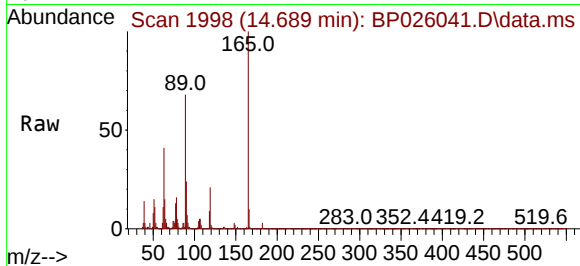




#57
2,4-Dinitrotoluene
Concen: 47.153 ng
RT: 14.689 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

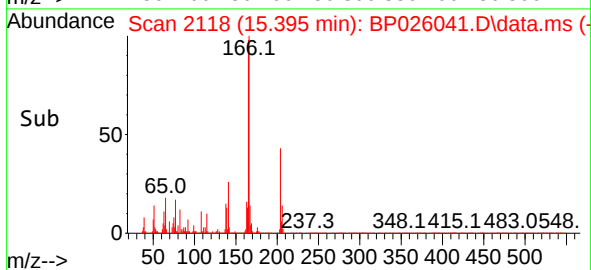
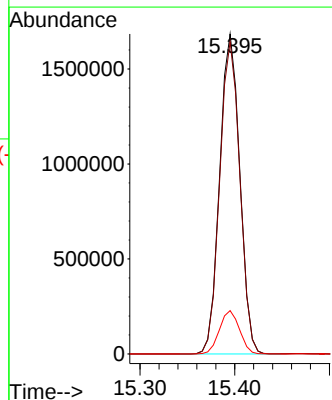
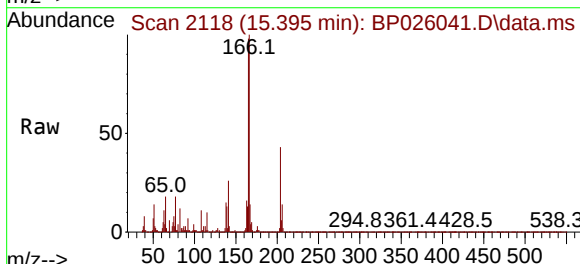
Instrument :
BNA_P
ClientSampleId :
PB170294BS

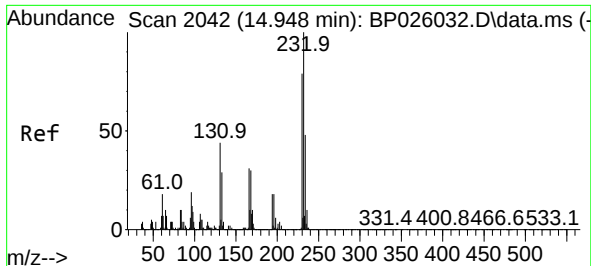
Tgt Ion:165 Resp: 716301
Ion Ratio Lower Upper
165 100
63 41.1 34.2 51.2
89 68.3 56.0 84.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 45.757 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:166 Resp: 2488927
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.6 10.6 16.0

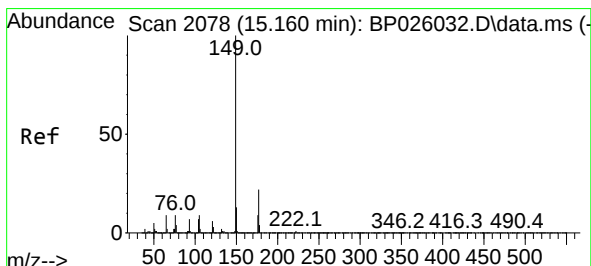
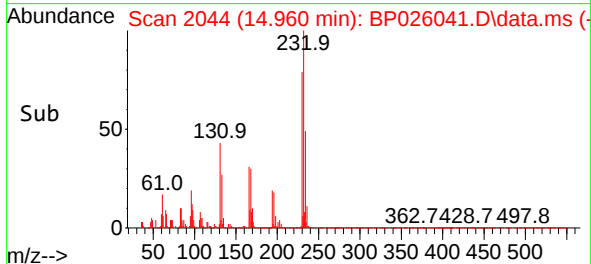
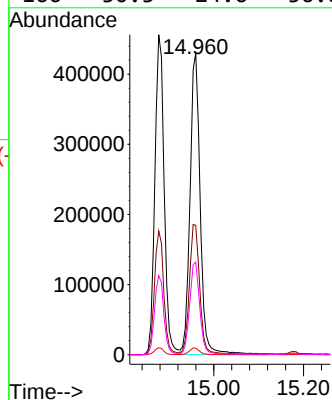
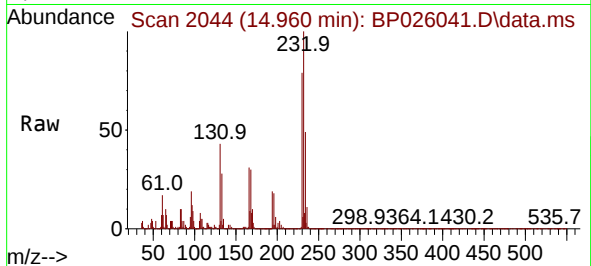




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.663 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

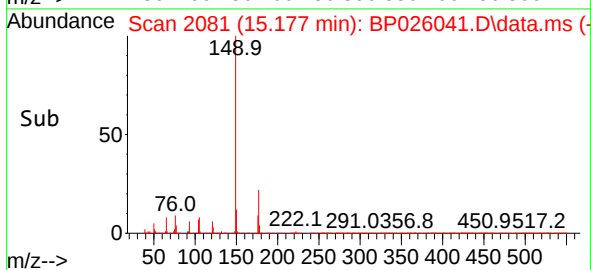
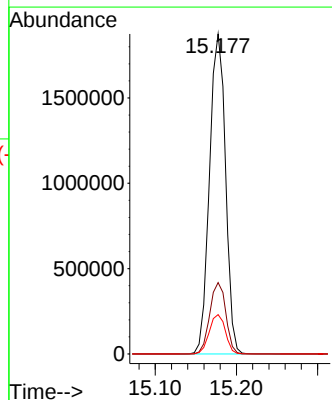
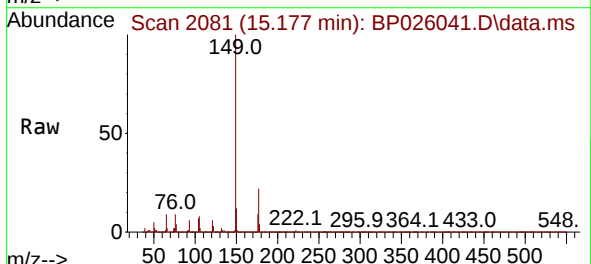
Instrument :
BNA_P
ClientSampleId :
PB170294BS

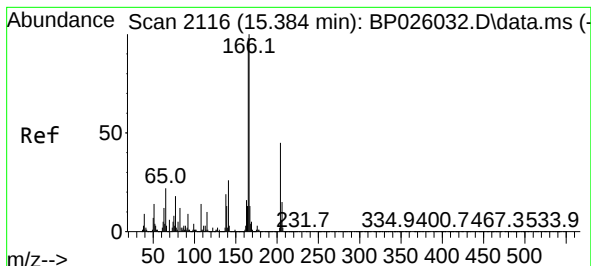
Tgt Ion:232 Resp: 674058
Ion Ratio Lower Upper
232 100
131 43.7 35.2 52.8
130 2.3 1.7 2.5
166 30.3 24.6 36.8



#60
Diethylphthalate
Concen: 46.000 ng
RT: 15.177 min Scan# 2081
Delta R.T. 0.011 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:149 Resp: 2564356
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 10.1 15.1

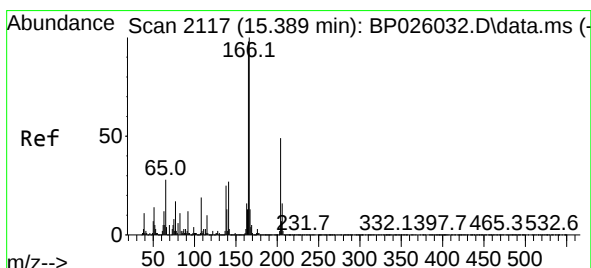
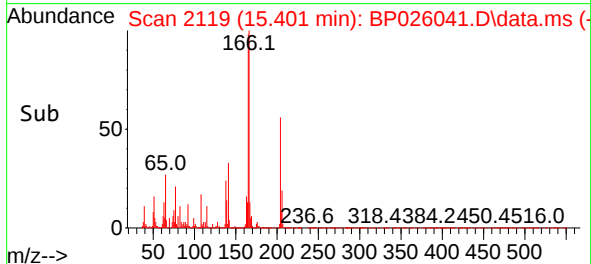
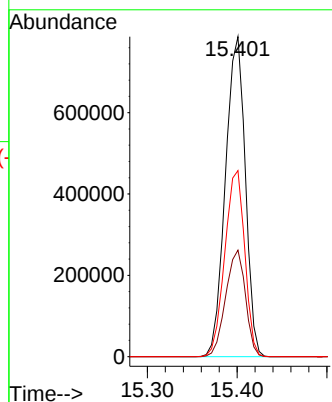
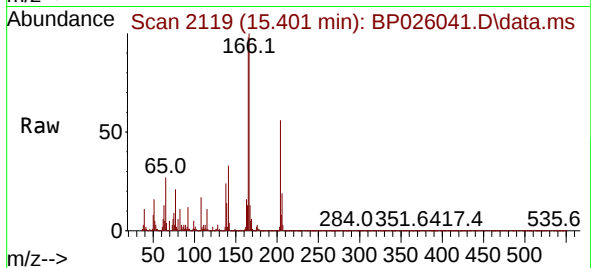




#61
4-Chlorophenyl-phenylether
Concen: 44.571 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

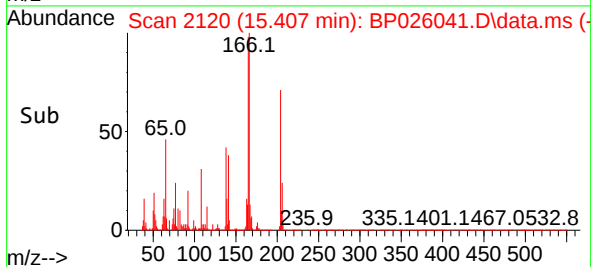
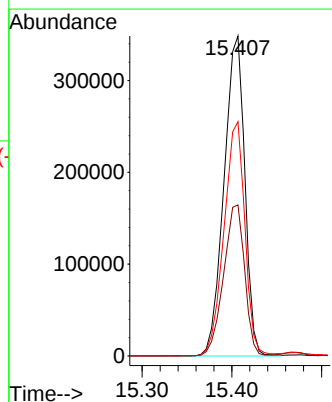
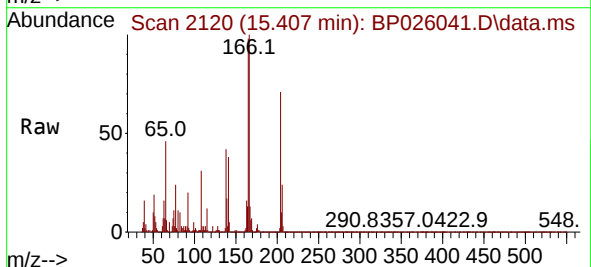
Instrument :
BNA_P
ClientSampleId :
PB170294BS

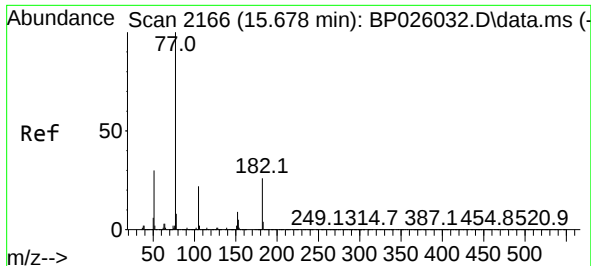
Tgt Ion:204 Resp: 1210691
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 58.2 47.0 70.4



#62
4-Nitroaniline
Concen: 47.276 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:138 Resp: 560176
Ion Ratio Lower Upper
138 100
92 47.2 28.2 68.2
108 73.2 56.0 96.0



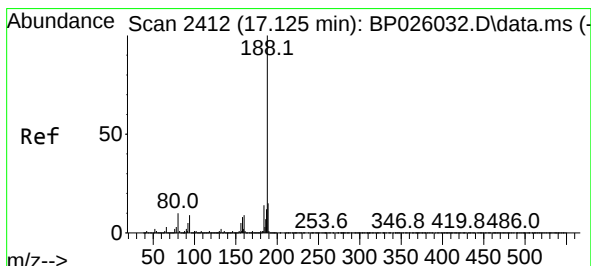
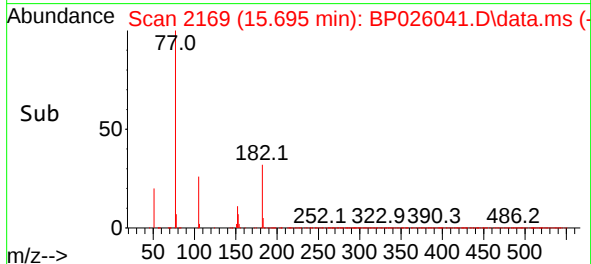
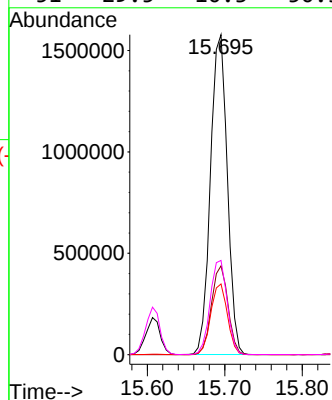
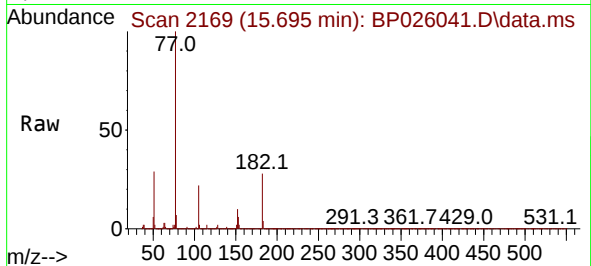


#63
Azobenzene
Concen: 47.094 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Instrument :
BNA_P
ClientSampleId :
PB170294BS

Tgt Ion: 77 Resp: 2379294

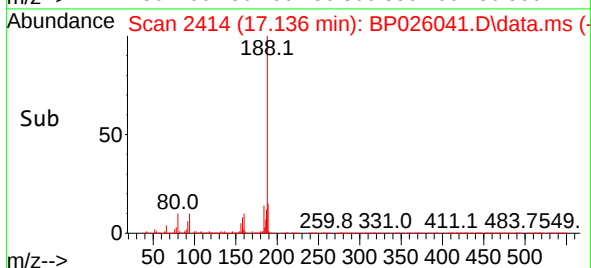
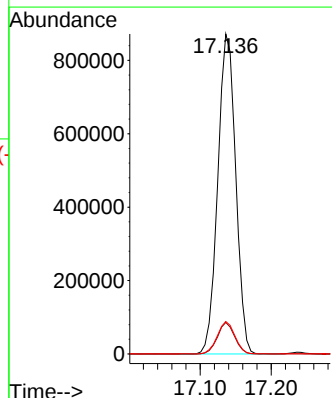
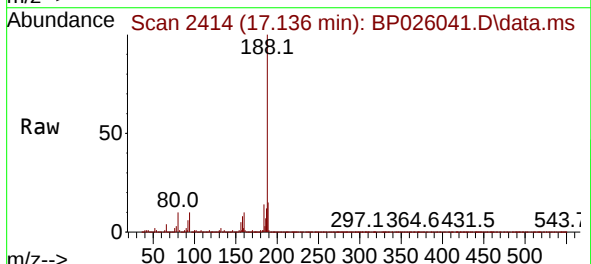
Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.4	46.4
105	22.1	2.2	42.2
51	29.5	10.3	50.3

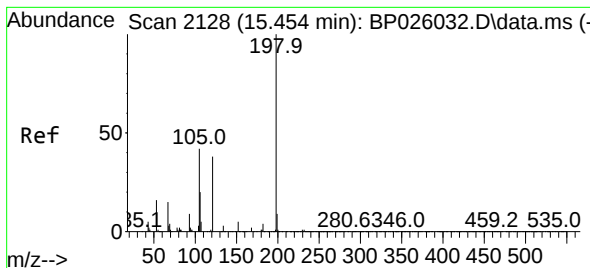


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2414
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion: 188 Resp: 1523490

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.1	10.7
80	10.1	7.9	11.9

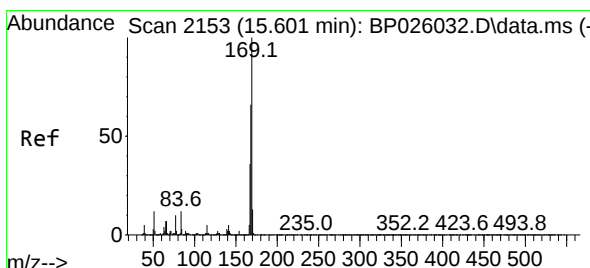
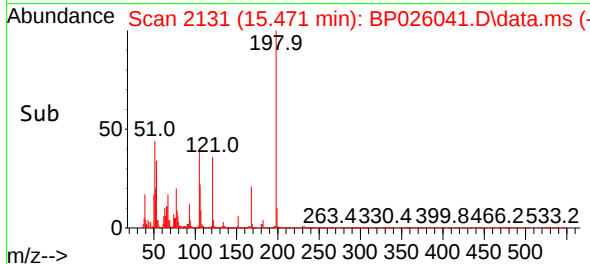
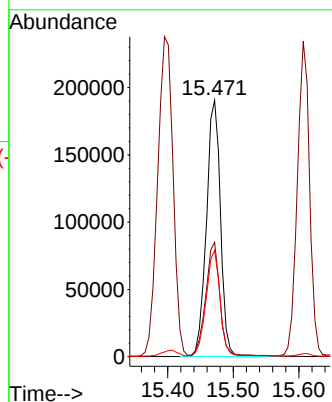
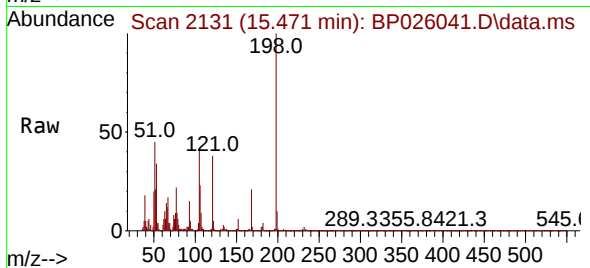




#65
4,6-Dinitro-2-methylphenol
Concen: 46.558 ng
RT: 15.471 min Scan# 2113
Delta R.T. 0.017 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

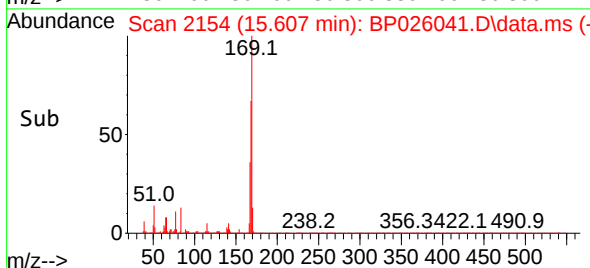
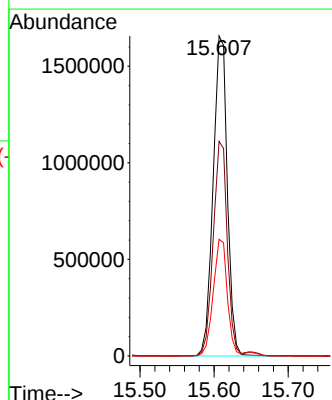
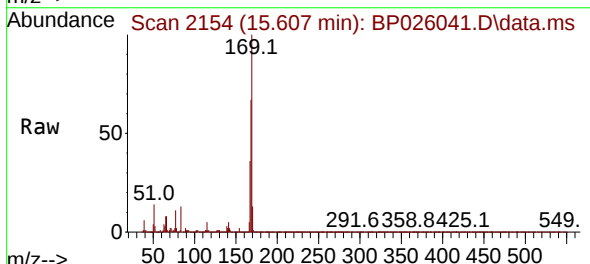
Instrument :
BNA_P
ClientSampleId :
PB170294BS

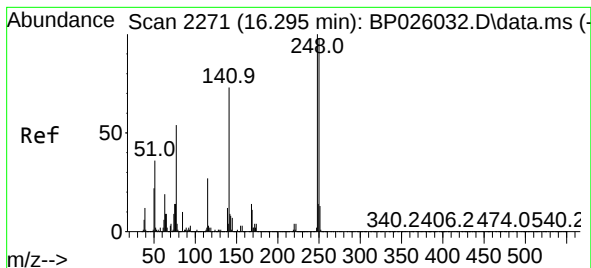
Tgt Ion:198 Resp: 284152
Ion Ratio Lower Upper
198 100
51 44.6 25.2 65.2
105 41.5 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 46.167 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:169 Resp: 2199124
Ion Ratio Lower Upper
169 100
168 67.1 52.9 79.3
167 36.5 28.9 43.3

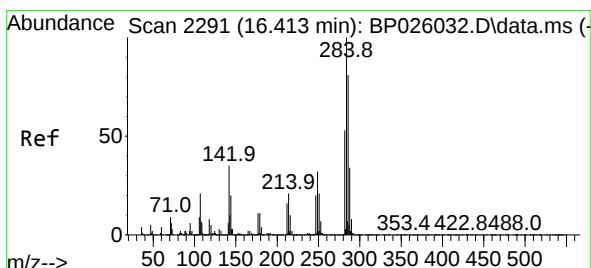
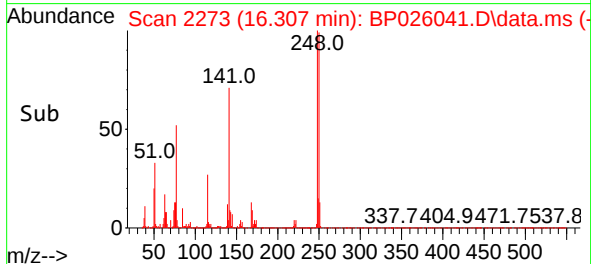
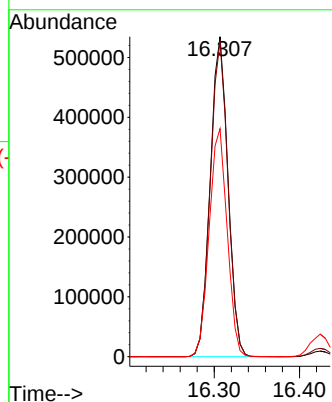
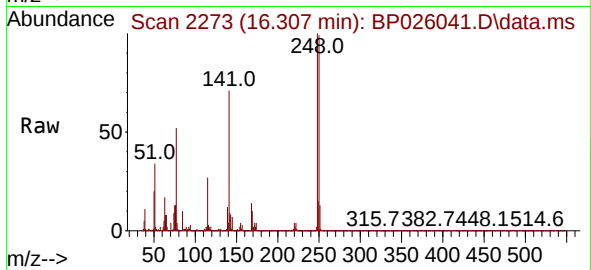




#67
4-Bromophenyl-phenylether
Concen: 45.845 ng
RT: 16.307 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

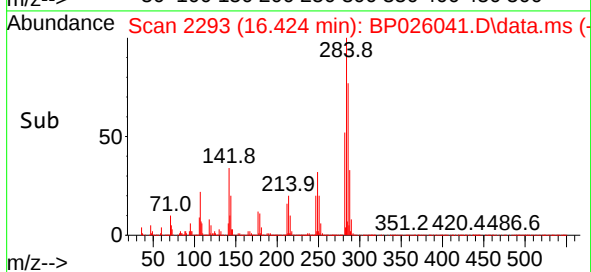
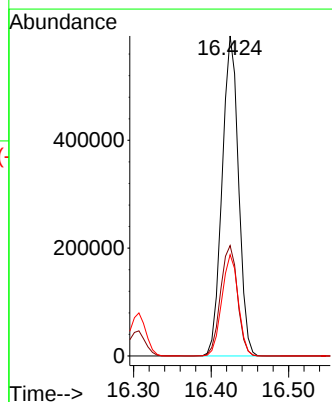
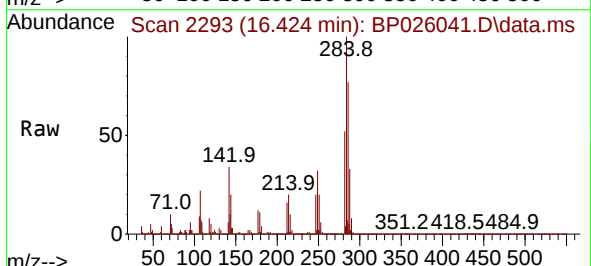
Instrument :
BNA_P
ClientSampleId :
PB170294BS

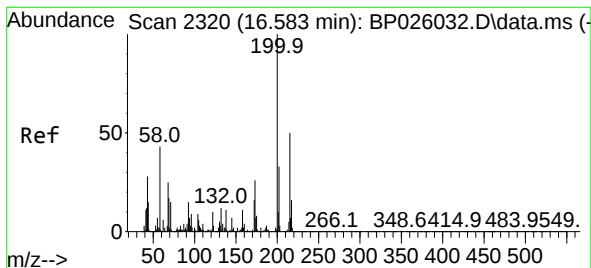
Tgt Ion:248 Resp: 774747
Ion Ratio Lower Upper
248 100
250 98.6 78.4 117.6
141 71.3 58.3 87.5



#68
Hexachlorobenzene
Concen: 45.536 ng
RT: 16.424 min Scan# 2293
Delta R.T. 0.005 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:284 Resp: 876019
Ion Ratio Lower Upper
284 100
142 34.5 27.7 41.5
249 31.7 25.5 38.3





#69

Atrazine

Concen: 50.222 ng

RT: 16.595 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

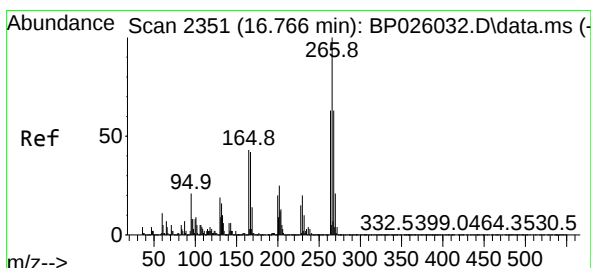
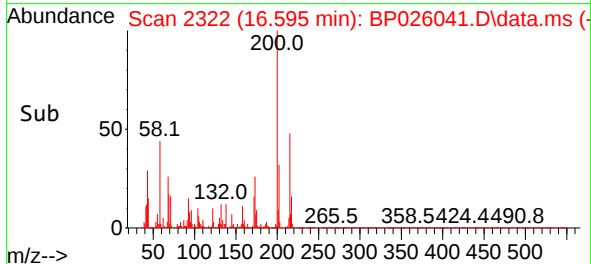
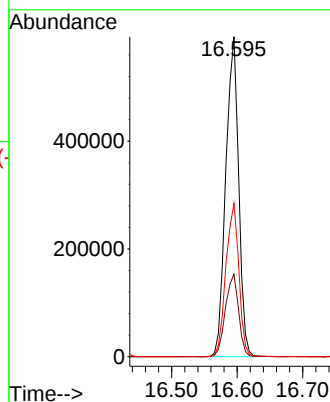
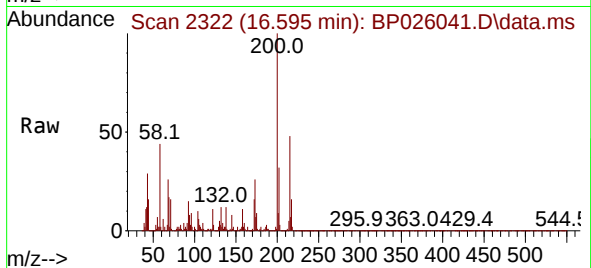
Tgt Ion:200 Resp: 807011

Ion Ratio Lower Upper

200 100

173 25.8 6.2 46.2

215 47.9 29.8 69.8



#70

Pentachlorophenol

Concen: 97.588 ng

RT: 16.777 min Scan# 2353

Delta R.T. 0.012 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

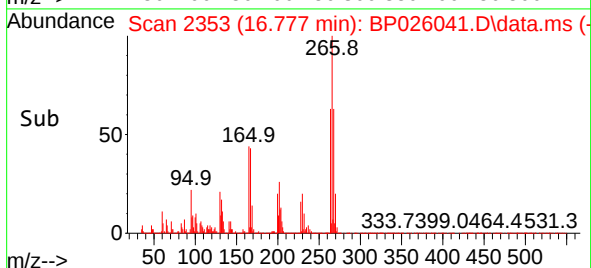
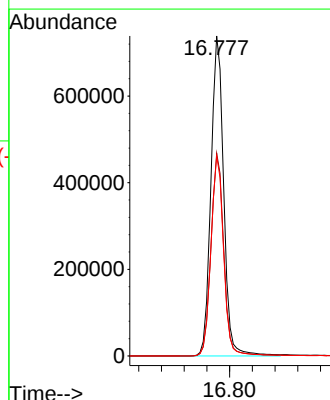
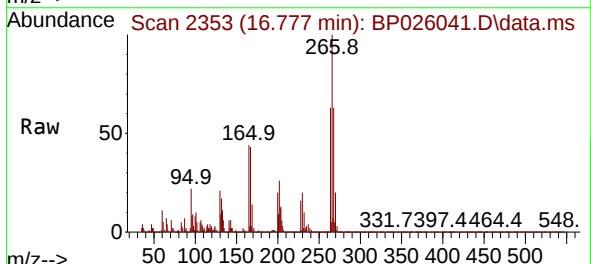
Tgt Ion:266 Resp: 1146757

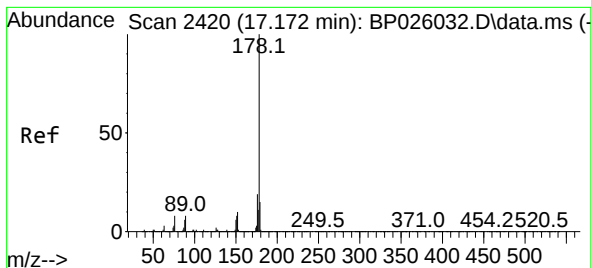
Ion Ratio Lower Upper

266 100

268 63.4 50.6 76.0

264 62.6 50.2 75.4





#71

Phenanthrene

Concen: 44.722 ng

RT: 17.183 min Scan# 2420

Delta R.T. 0.012 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

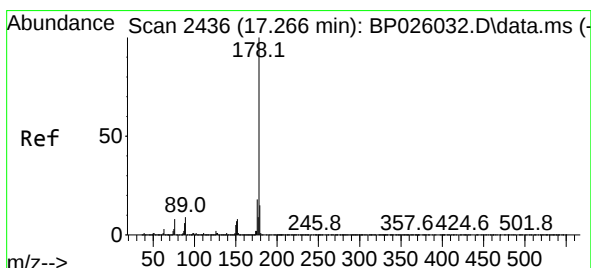
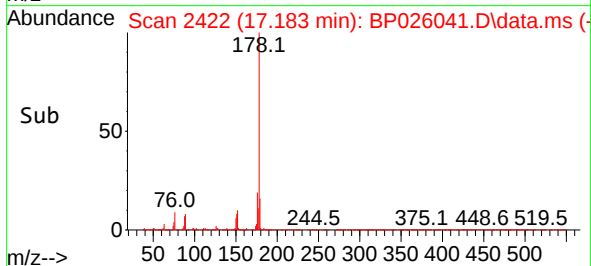
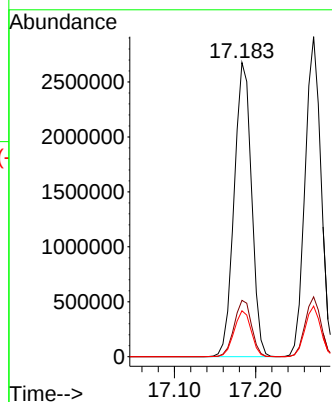
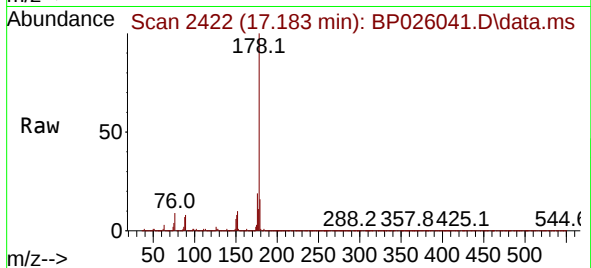
Tgt Ion:178 Resp: 3965714

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 12.3 18.5



#72

Anthracene

Concen: 45.386 ng

RT: 17.271 min Scan# 2437

Delta R.T. 0.011 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

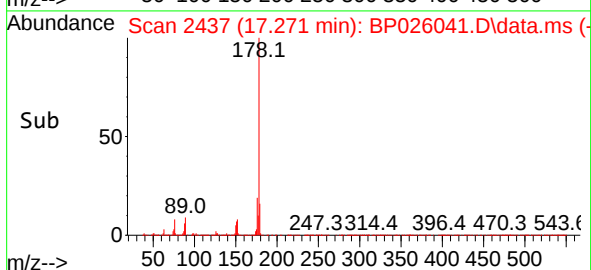
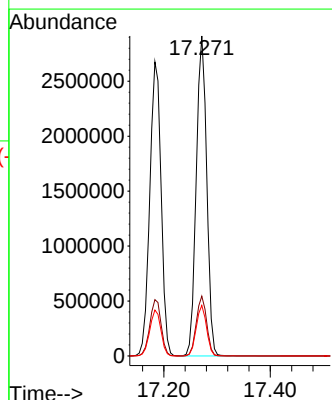
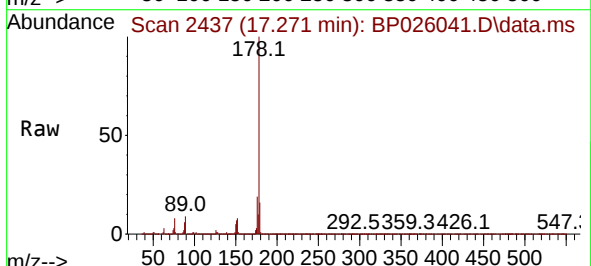
Tgt Ion:178 Resp: 3989444

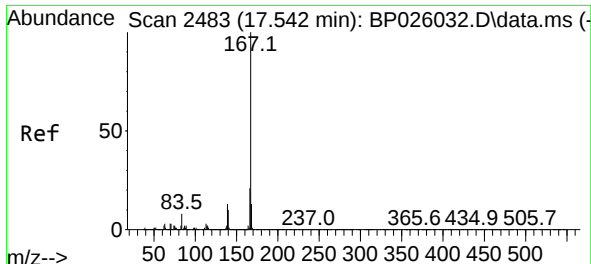
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.8 12.2 18.4

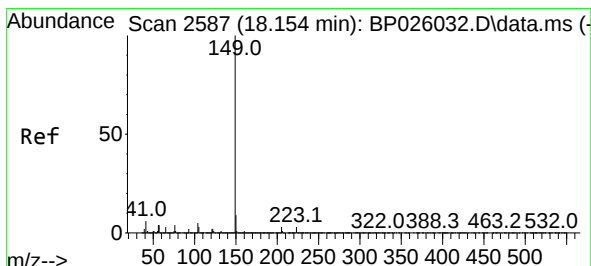
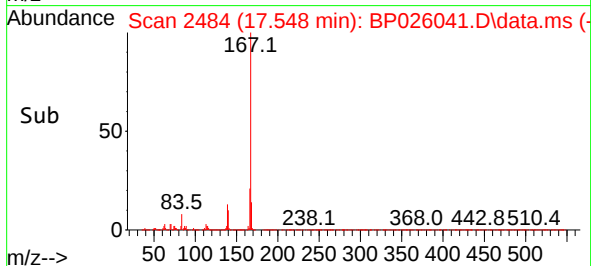
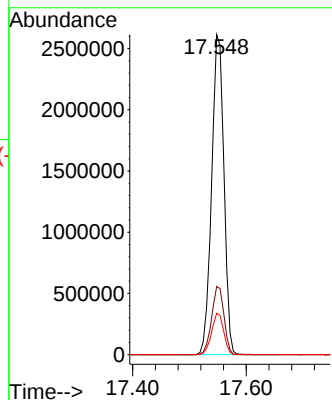
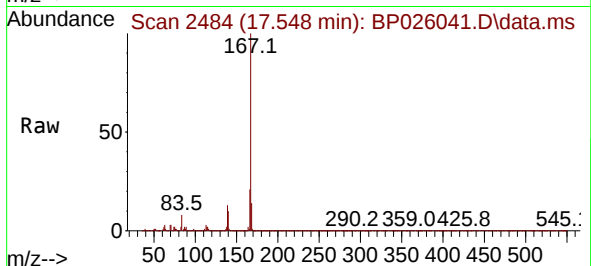




#73
Carbazole
Concen: 46.941 ng
RT: 17.548 min Scan# 2483
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

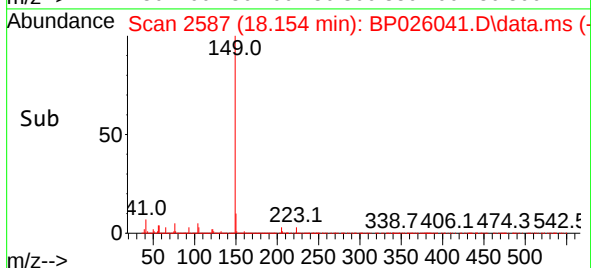
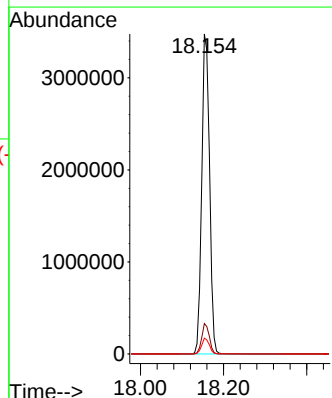
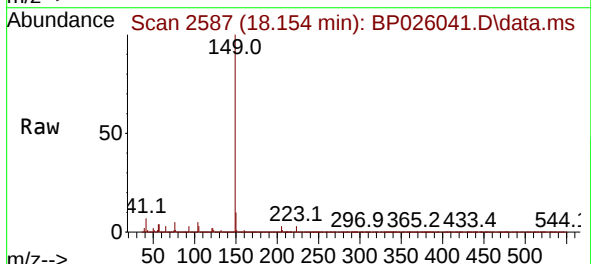
Instrument :
BNA_P
ClientSampleId :
PB170294BS

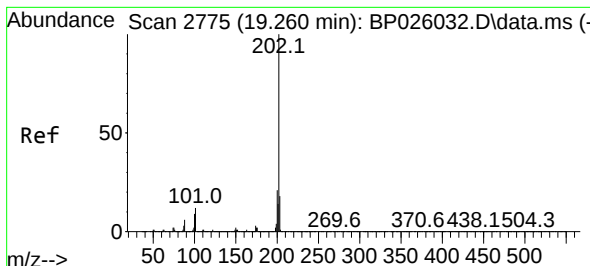
Tgt Ion:167 Resp: 3905796
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.9 10.2 15.2



#74
Di-n-butylphthalate
Concen: 48.707 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:149 Resp: 4534868
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 45.644 ng

RT: 19.271 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

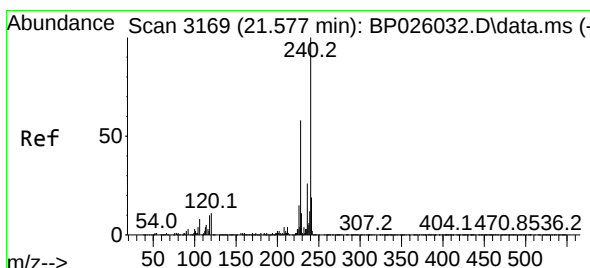
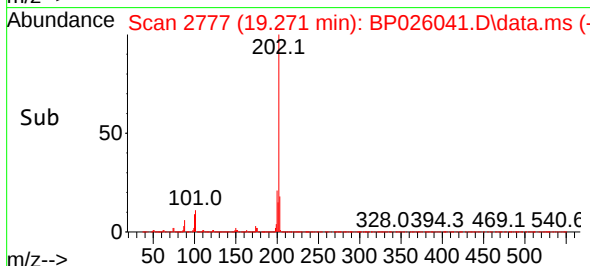
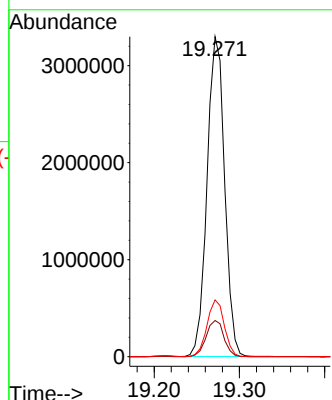
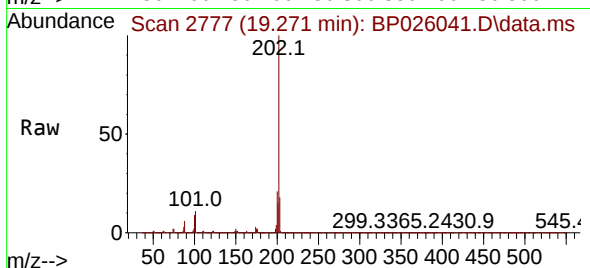
Tgt Ion:202 Resp: 4721472

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.1

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3172

Delta R.T. 0.029 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

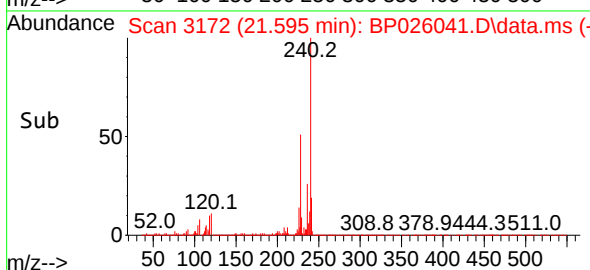
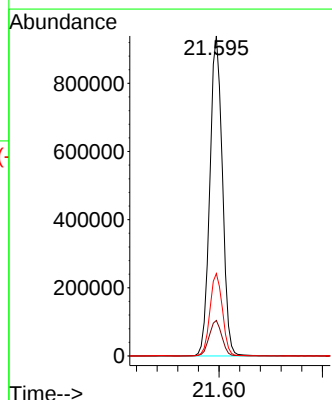
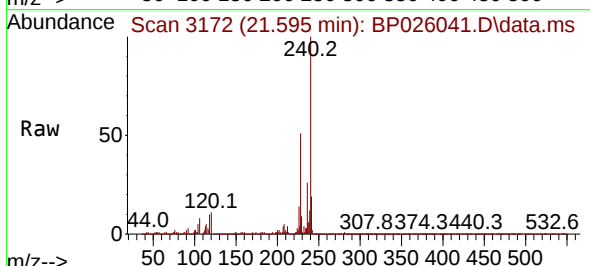
Tgt Ion:240 Resp: 1580584

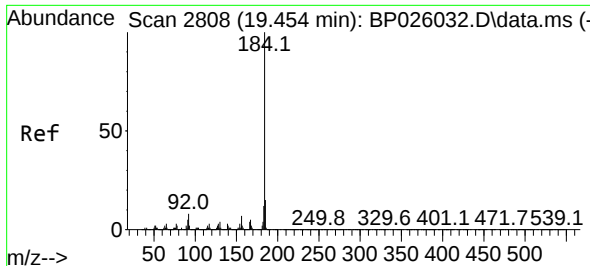
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.7 20.6 31.0

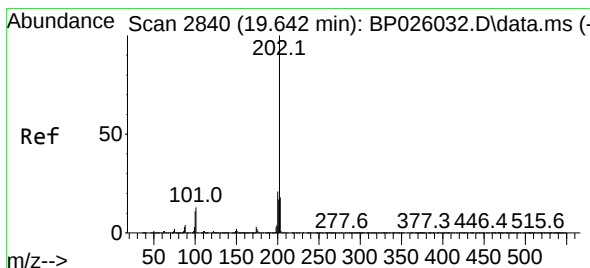
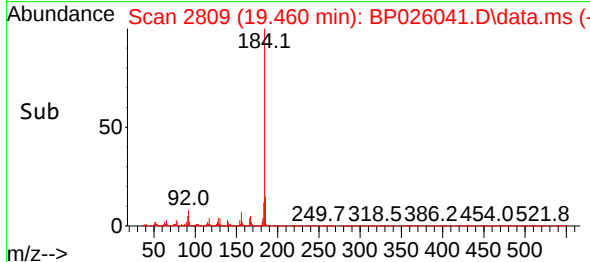
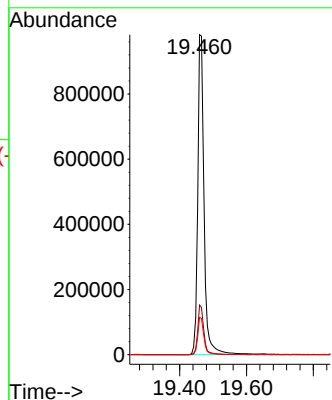
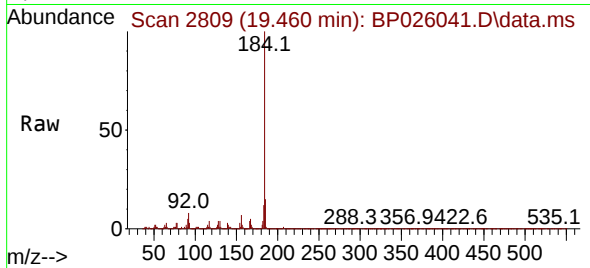




#77
Benzidine
Concen: 32.213 ng
RT: 19.460 min Scan# 2809
Delta R.T. 0.006 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

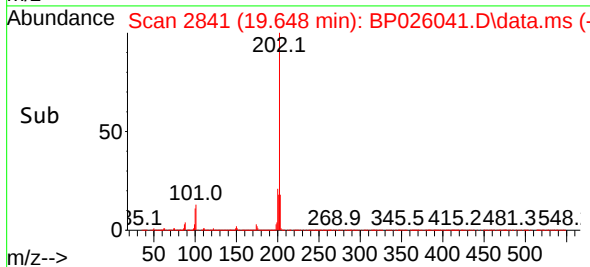
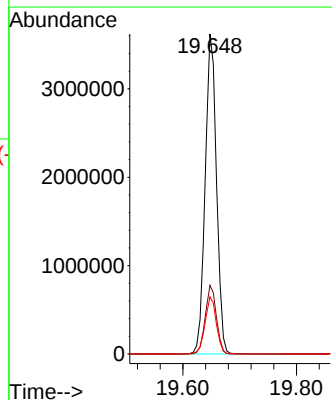
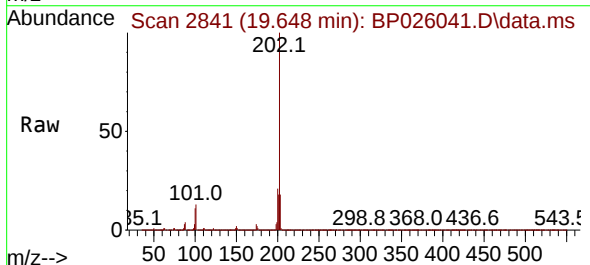
Instrument :
BNA_P
ClientSampleId :
PB170294BS

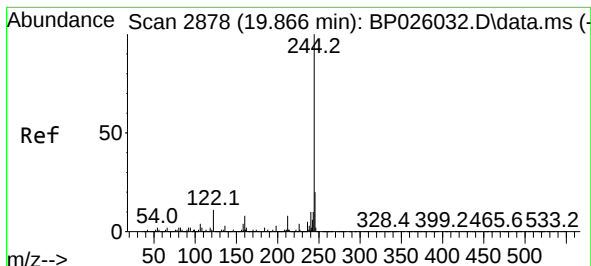
Tgt Ion:184 Resp: 1292351
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 11.6 9.2 13.8



#78
Pyrene
Concen: 46.578 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:202 Resp: 4979278
Ion Ratio Lower Upper
202 100
200 21.5 16.6 25.0
203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 91.261 ng

RT: 19.877 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

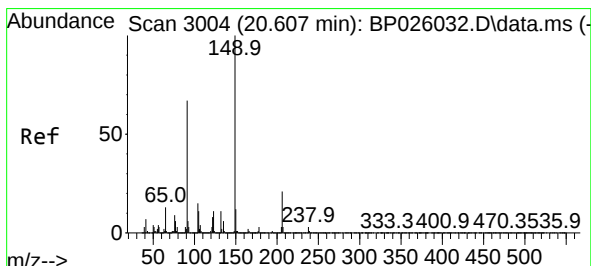
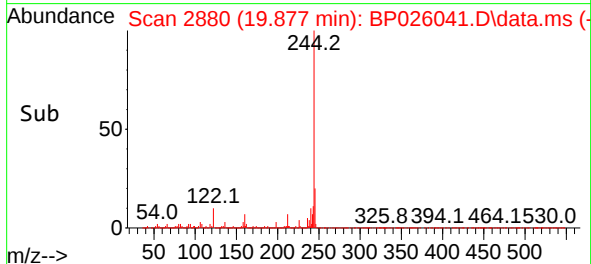
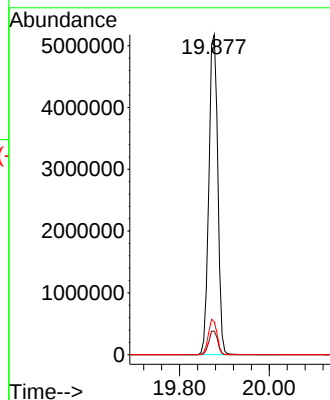
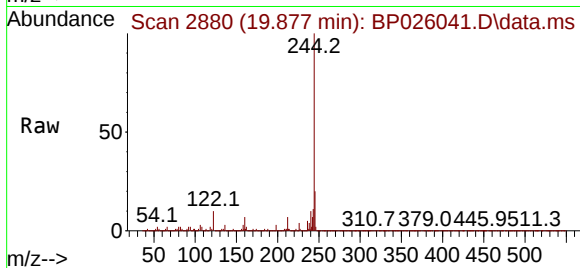
Tgt Ion:244 Resp: 7099774

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 45.860 ng

RT: 20.618 min Scan# 3006

Delta R.T. 0.011 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

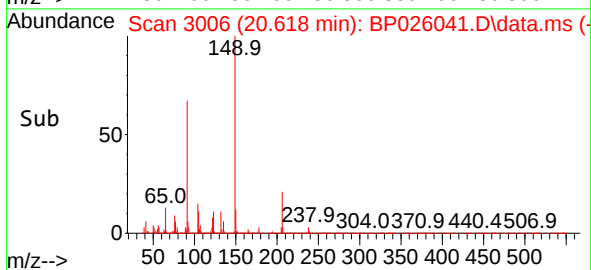
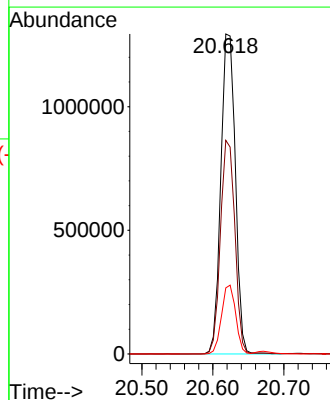
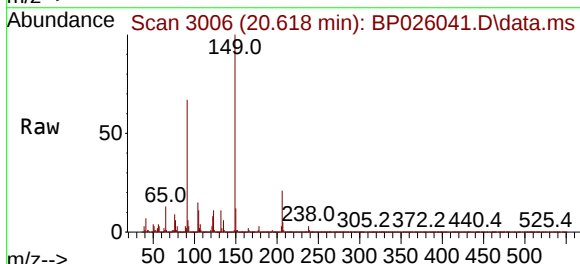
Tgt Ion:149 Resp: 1823867

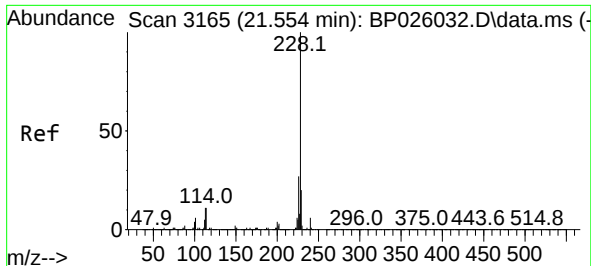
Ion Ratio Lower Upper

149 100

91 66.8 53.5 80.3

206 20.7 16.6 25.0

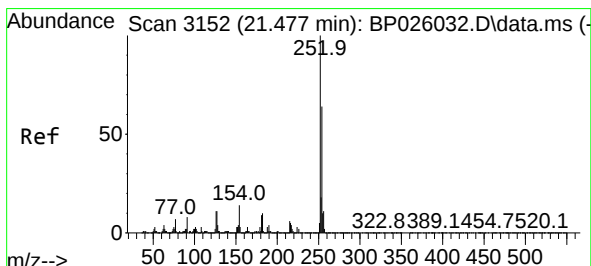
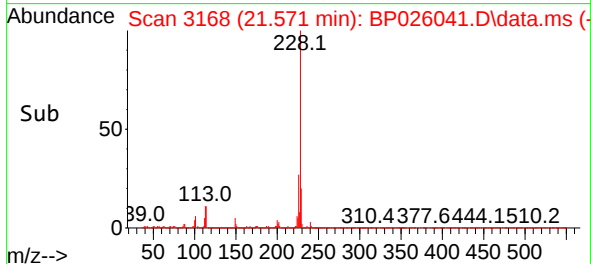
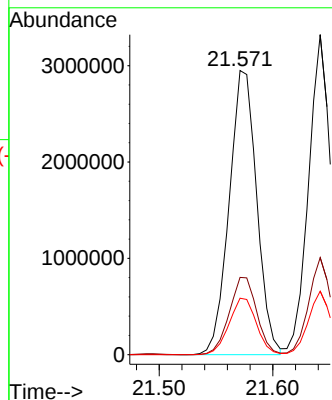
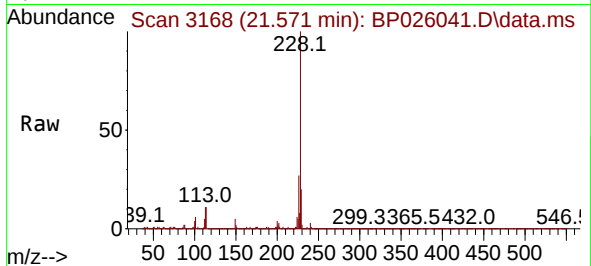




#81
Benzo(a)anthracene
Concen: 45.802 ng
RT: 21.571 min Scan# 3168
Delta R.T. 0.023 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

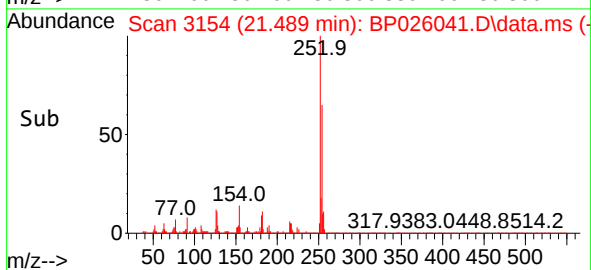
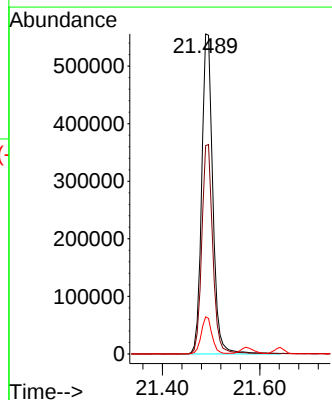
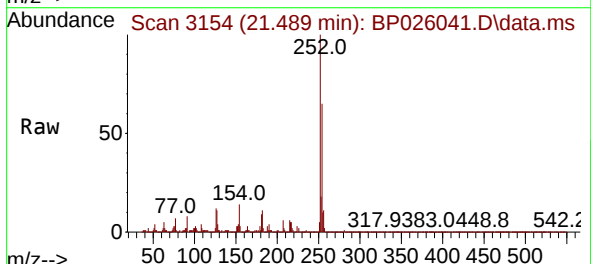
Instrument :
BNA_P
ClientSampleId :
PB170294BS

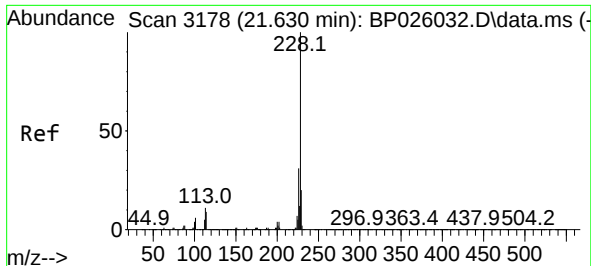
Tgt Ion:228 Resp: 4974675
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 25.128 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:252 Resp: 879353
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 11.6 9.1 13.7

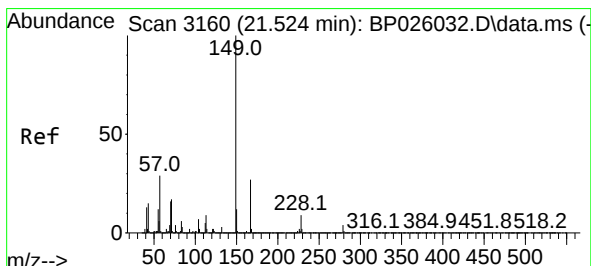
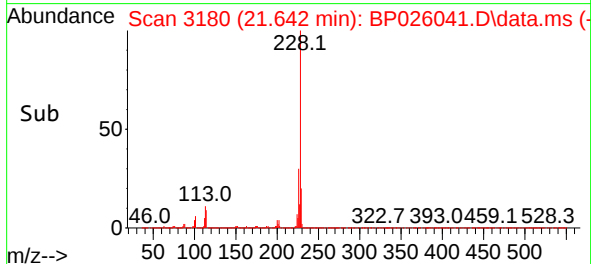
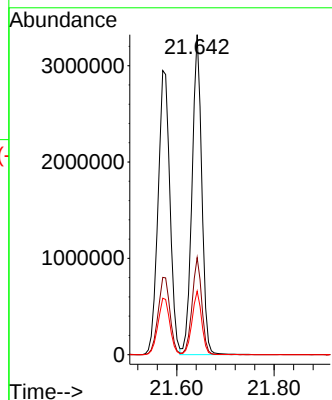
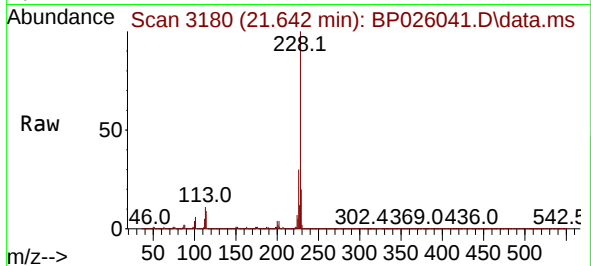




#83
Chrysene
Concen: 44.787 ng
RT: 21.642 min Scan# 3178
Delta R.T. 0.023 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

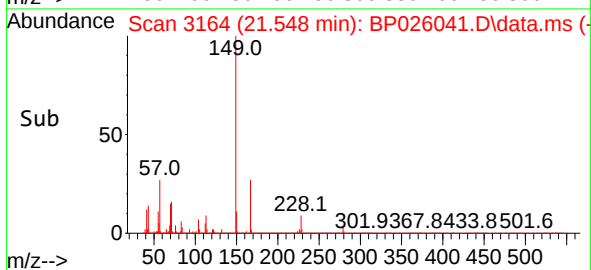
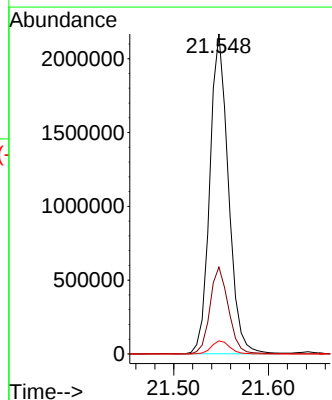
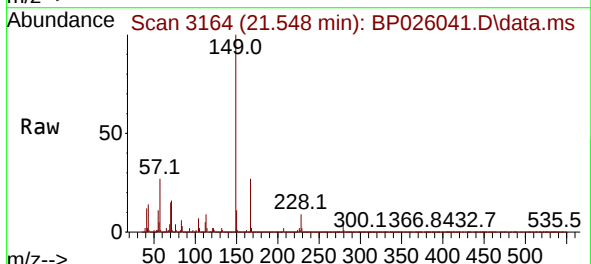
Instrument :
BNA_P
ClientSampleId :
PB170294BS

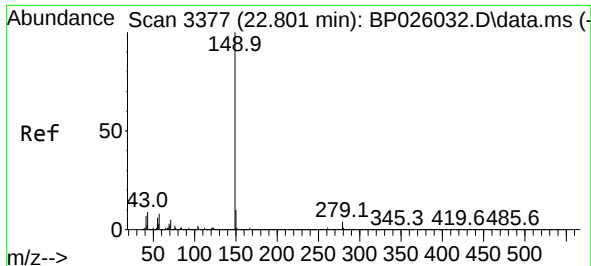
Tgt Ion:228 Resp: 4607958
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.371 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.030 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:149 Resp: 2947919
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 4.1 3.0 4.6

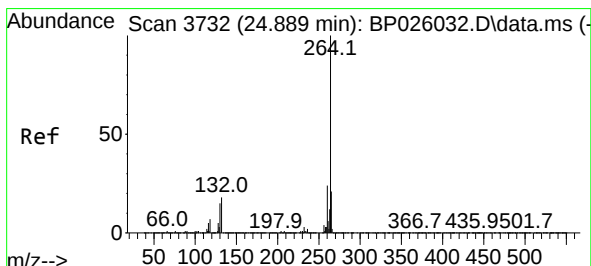
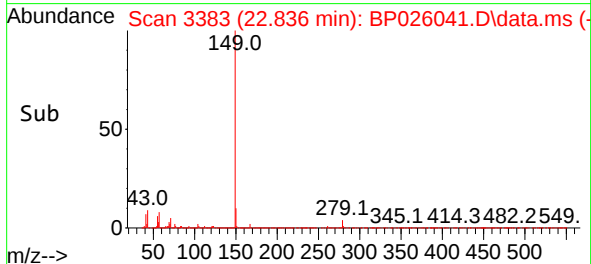
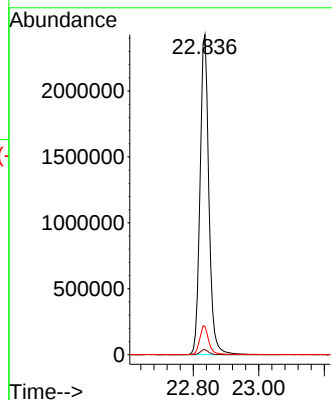
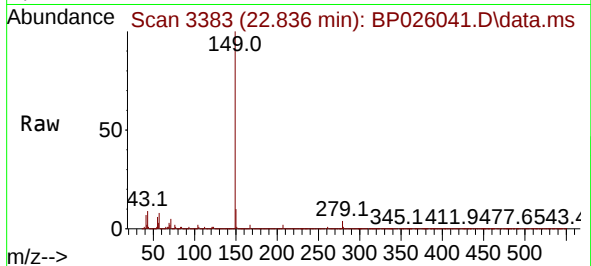




#85
Di-n-octyl phthalate
Concen: 48.431 ng
RT: 22.836 min Scan# 31
Delta R.T. 0.035 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

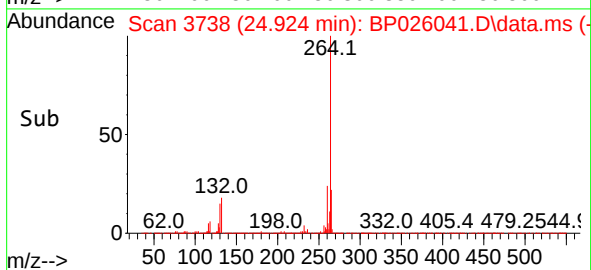
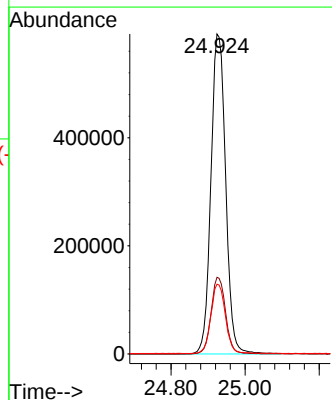
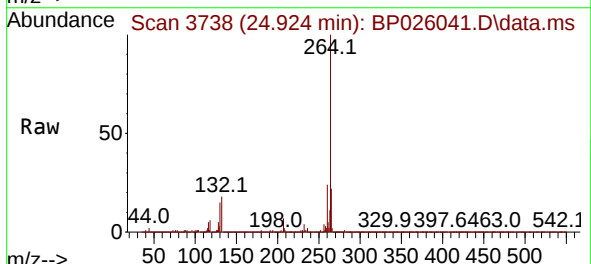
Instrument :
BNA_P
ClientSampleId :
PB170294BS

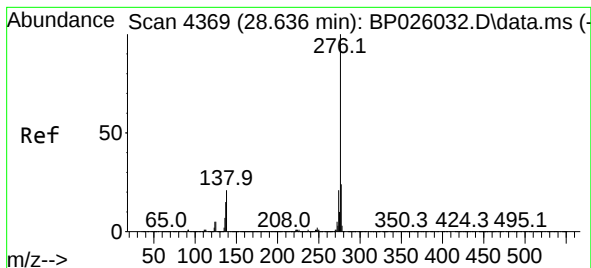
Tgt Ion:149 Resp: 4556829
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.041 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:264 Resp: 1633127
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.022 ng

RT: 28.694 min Scan# 4369

Delta R.T. 0.035 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

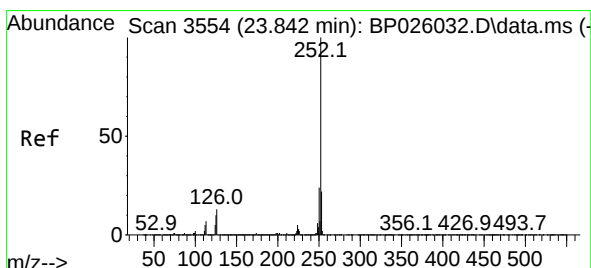
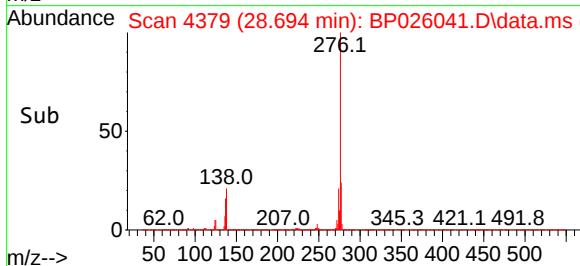
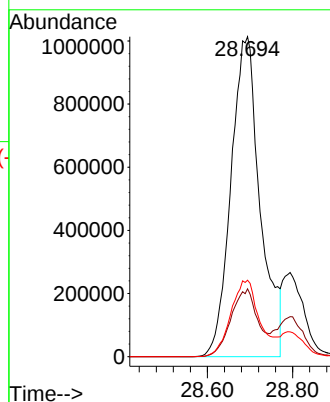
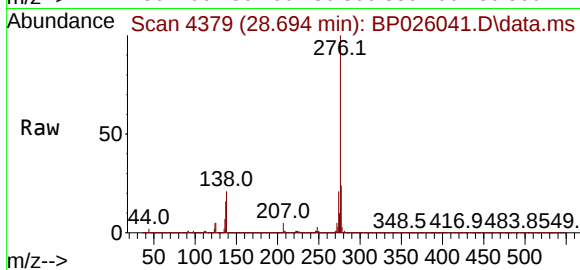
Tgt Ion:276 Resp: 4825359

Ion Ratio Lower Upper

276 100

138 20.0 13.2 19.8#

277 23.9 16.3 24.5



#88

Benzo(b)fluoranthene

Concen: 47.837 ng

RT: 23.871 min Scan# 3559

Delta R.T. 0.023 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

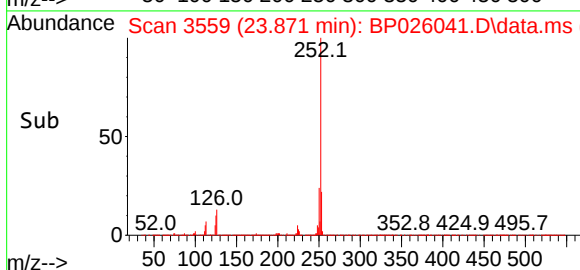
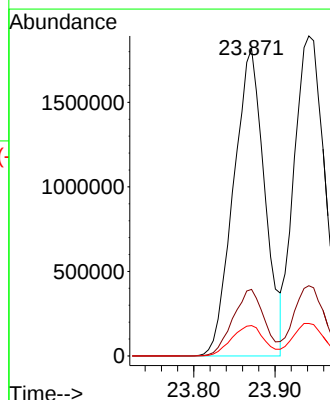
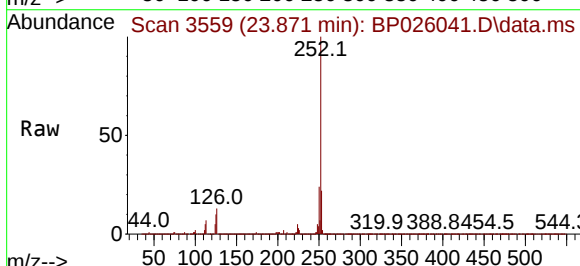
Tgt Ion:252 Resp: 4849889

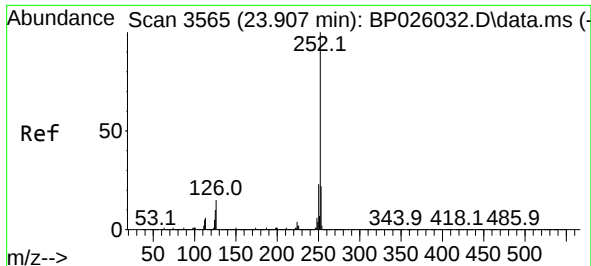
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.9 8.1 12.1

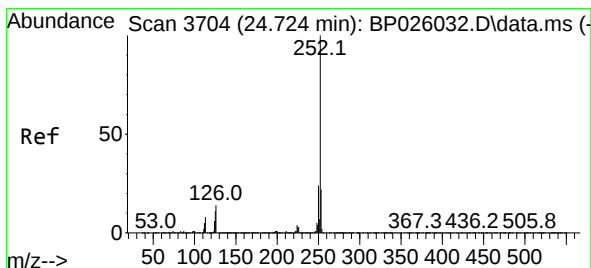
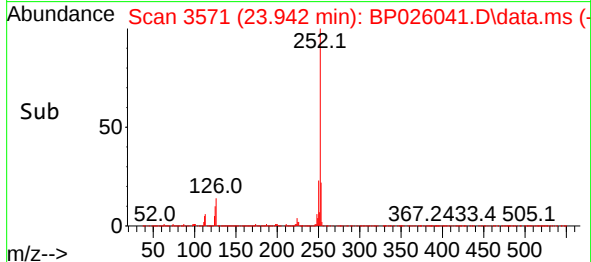
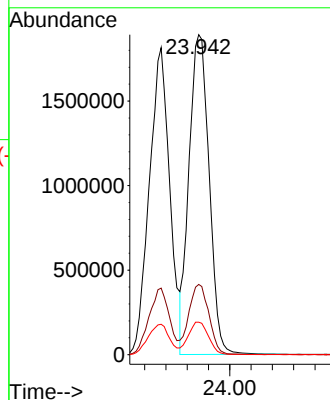
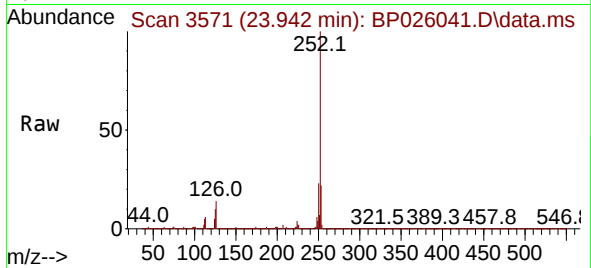




#89
Benzo(k)fluoranthene
Concen: 47.915 ng
RT: 23.942 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

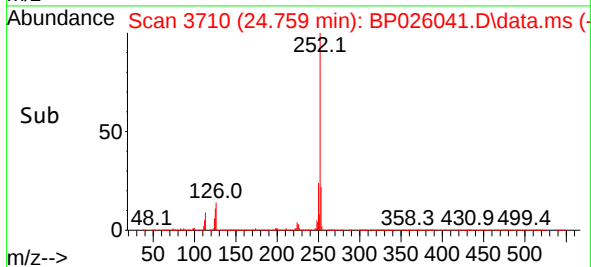
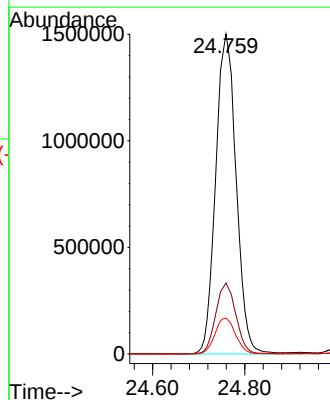
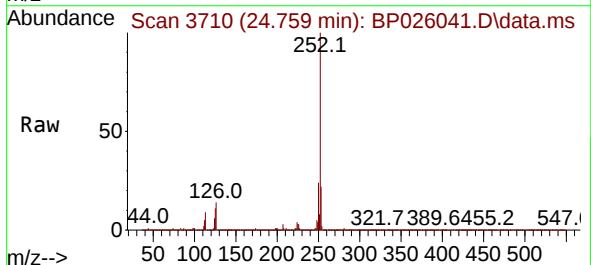
Instrument :
BNA_P
ClientSampleId :
PB170294BS

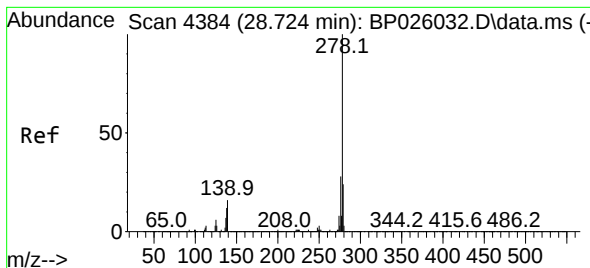
Tgt Ion:252 Resp: 4960614
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 49.615 ng
RT: 24.759 min Scan# 3710
Delta R.T. 0.018 min
Lab File: BP026041.D
Acq: 30 Oct 2025 12:36

Tgt Ion:252 Resp: 4621186
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 48.616 ng

RT: 28.794 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Instrument :

BNA_P

ClientSampleId :

PB170294BS

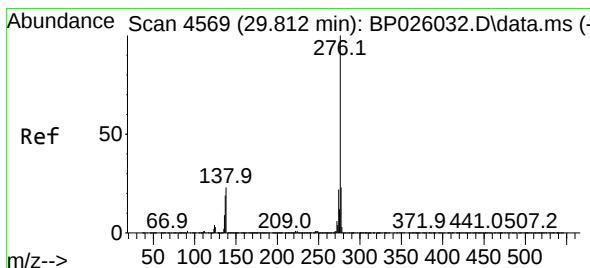
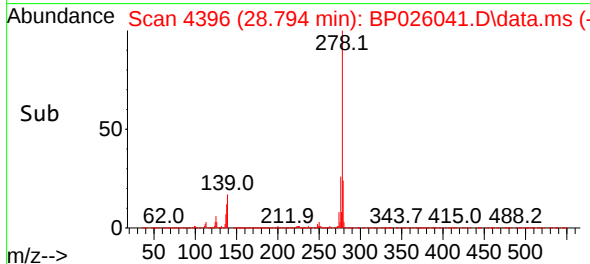
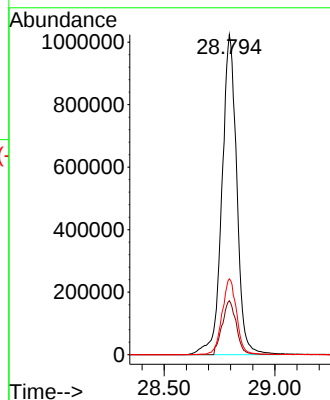
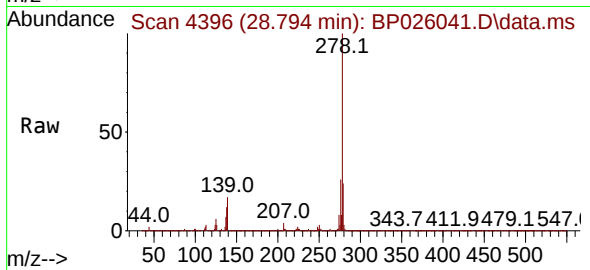
Tgt Ion:278 Resp: 4770049

Ion Ratio Lower Upper

278 100

139 16.9 13.0 19.6

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.321 ng

RT: 29.865 min Scan# 4578

Delta R.T. 0.035 min

Lab File: BP026041.D

Acq: 30 Oct 2025 12:36

Tgt Ion:276 Resp: 4656784

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 23.1 18.1 27.1

