

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026046.D
 Acq On : 30 Oct 2025 17:46
 Operator : RC/JU
 Sample : Q3447-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MS

Quant Time: Oct 30 18:08:15 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	355642	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1355340	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	781370	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	1416067	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1402802	20.000	ng	0.02
86) Perylene-d12	24.913	264	1588883	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2700648	125.304	ng	0.00
7) Phenol-d6	6.855	99	3073668	112.045	ng	0.00
23) Nitrobenzene-d5	8.819	82	2034789	93.592	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1152678	136.454	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	4811761	88.487	ng	0.00
79) Terphenyl-d14	19.877	244	6697259	96.997	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	325545	35.829	ng	# 60
3) Pyridine	3.637	79	753642	29.178	ng	98
4) n-Nitrosodimethylamine	3.543	42	425468	41.100	ng	97
6) Aniline	7.013	93	595076	16.254	ng	99
8) 2-Chlorophenol	7.255	128	1048411	43.928	ng	98
9) Benzaldehyde	6.831	77	376091	26.373	ng	98
10) Phenol	6.878	94	1132958	37.201	ng	98
11) bis(2-Chloroethyl)ether	7.113	93	987554	41.089	ng	100
12) 1,3-Dichlorobenzene	7.578	146	1076127	39.262	ng	100
13) 1,4-Dichlorobenzene	7.719	146	1113251	40.172	ng	100
14) 1,2-Dichlorobenzene	8.031	146	1072566	40.560	ng	98
15) Benzyl Alcohol	7.913	79	856377	43.303	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1437696	39.579	ng	99
17) 2-Methylphenol	8.113	107	848889	42.567	ng	99
18) Hexachloroethane	8.755	117	375588	39.607	ng	98
19) n-Nitroso-di-n-propyla...	8.478	70	718219	42.177	ng	98
20) 3+4-Methylphenols	8.437	107	1119497	40.352	ng	99
22) Acetophenone	8.490	105	1677309	48.933	ng	# 98
24) Nitrobenzene	8.860	77	1035370	45.104	ng	99
25) Isophorone	9.384	82	2028438	43.589	ng	100
26) 2-Nitrophenol	9.572	139	424722	50.140	ng	95
27) 2,4-Dimethylphenol	9.631	122	965851	49.356	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	1300376	44.340	ng	100
29) 2,4-Dichlorophenol	10.096	162	958410	46.385	ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	1020633	45.446	ng	98
31) Naphthalene	10.502	128	3140553	42.492	ng	100
32) Benzoic acid	9.749	122	565111	47.782	ng	93
33) 4-Chloroaniline	10.602	127	179996	6.338	ng	100
34) Hexachlorobutadiene	10.796	225	613879	43.014	ng	99
35) Caprolactam	11.360	113	239710	33.037	ng	95
36) 4-Chloro-3-methylphenol	11.731	107	957500	44.206	ng	98
37) 2-Methylnaphthalene	12.125	142	2016935	38.990	ng	100
38) 1-Methylnaphthalene	12.337	142	2107713	41.940	ng	98
40) 1,2,4,5-Tetrachloroben...	12.496	216	1249702	51.474	ng	99
41) Hexachlorocyclopentadiene	12.484	237	1181826	133.045	ng	96
43) 2,4,6-Trichlorophenol	12.737	196	734438	51.179	ng	98

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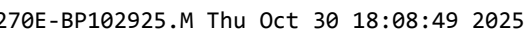
Instrument :
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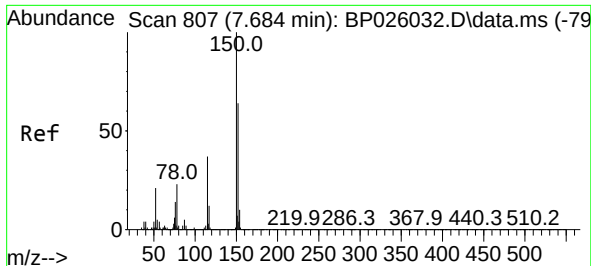
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	804001	49.100	ng	99
46) 1,1'-Biphenyl	13.148	154	3103647	51.874	ng	99
47) 2-Chloronaphthalene	13.184	162	2137466	45.407	ng	99
48) 2-Nitroaniline	13.378	65	529855	43.996	ng	99
49) Acenaphthylene	14.037	152	3545219	51.672	ng	100
50) Dimethylphthalate	13.778	163	2616452	46.035	ng	100
51) 2,6-Dinitrotoluene	13.890	165	523886	49.283	ng	99
52) Acenaphthene	14.384	154	2246432	47.694	ng	99
53) 3-Nitroaniline	14.213	138	223818	19.157	ng	98
54) 2,4-Dinitrophenol	14.419	184	425174	83.488	ng	97
55) Dibenzofuran	14.731	168	3193776	44.879	ng	100
56) 4-Nitrophenol	14.525	139	874116	77.128	ng	99
57) 2,4-Dinitrotoluene	14.678	165	703793	45.329	ng	98
58) Fluorene	15.389	166	2483022	44.536	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	661615	51.389	ng	100
60) Diethylphthalate	15.178	149	2605741	45.604	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1239056	44.503	ng	99
62) 4-Nitroaniline	15.401	138	523698	43.120	ng	98
63) Azobenzene	15.695	77	2358288	45.541	ng	98
65) 4,6-Dinitro-2-methylph...	15.472	198	282864	49.042	ng	96
66) n-Nitrosodiphenylamine	15.607	169	2193065	49.533	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	780898	49.714	ng	98
68) Hexachlorobenzene	16.419	284	867648	48.522	ng	98
69) Atrazine	16.595	200	777308	52.043	ng	98
70) Pentachlorophenol	16.778	266	1091670	99.948	ng	100
71) Phenanthrene	17.184	178	3818161	46.324	ng	100
72) Anthracene	17.278	178	3848400	47.103	ng	100
73) Carbazole	17.560	167	3570117	46.162	ng	100
74) Di-n-butylphthalate	18.166	149	4377760	50.587	ng	100
75) Fluoranthene	19.272	202	4299258	44.716	ng	99
77) Benzidine	19.472	184	506767	14.232	ng	99
78) Pyrene	19.648	202	4477409	47.191	ng	100
80) Butylbenzylphthalate	20.619	149	1740459	49.053	ng	100
81) Benzo(a)anthracene	21.566	228	4568338	47.391	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	671666	21.626	ng	100
83) Chrysene	21.636	228	4347558	47.611	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	2833297	50.001	ng	99
85) Di-n-octyl phthalate	22.819	149	4726358	56.599	ng	99
87) Indeno(1,2,3-cd)pyrene	28.683	276	4952874	42.223	ng	# 92
88) Benzo(b)fluoranthene	23.854	252	4711061	47.762	ng	100
89) Benzo(k)fluoranthene	23.930	252	4964333	49.286	ng	100
90) Benzo(a)pyrene	24.748	252	4615072	50.929	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	4905244	51.386	ng	100
92) Benzo(g,h,i)perylene	29.871	276	4765670	51.880	ng	99

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

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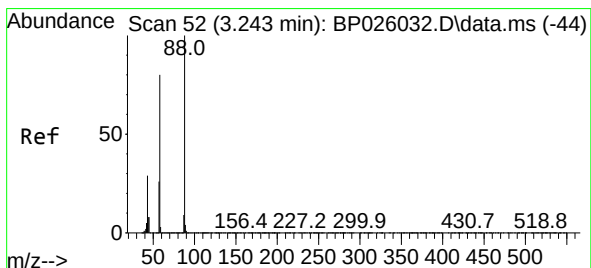
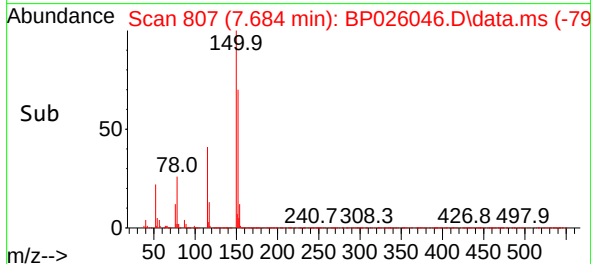
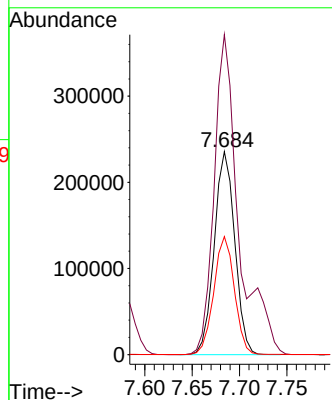
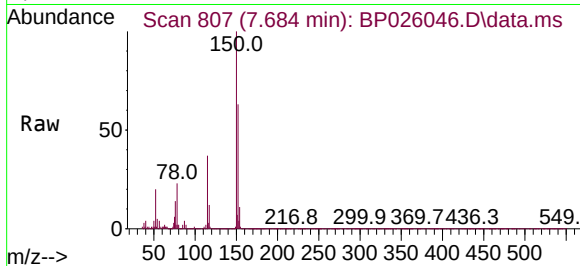




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026046.D
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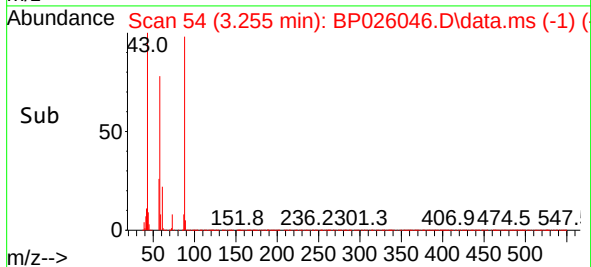
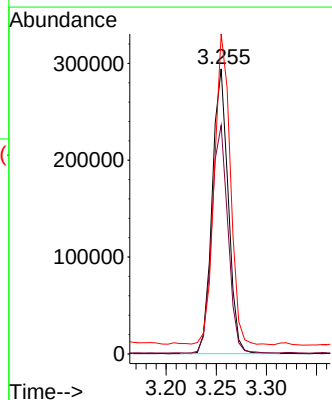
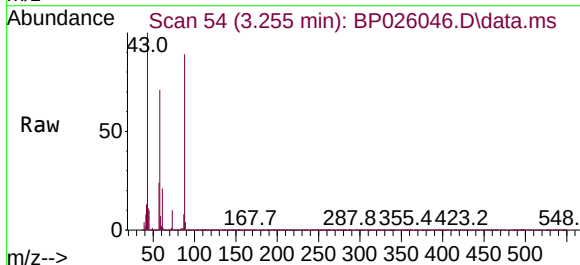
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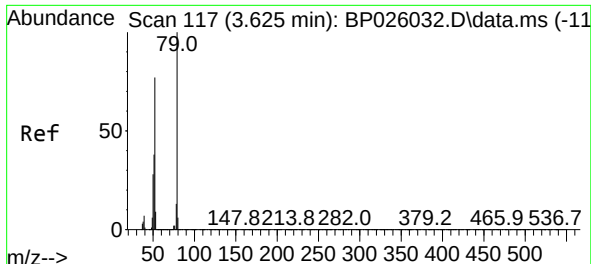
Tgt Ion:152 Resp: 355642
Ion Ratio Lower Upper
152 100
150 157.6 125.7 188.5
115 58.1 46.4 69.6



#2
1,4-Dioxane
Concen: 35.829 ng
RT: 3.255 min Scan# 54
Delta R.T. 0.018 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion: 88 Resp: 325545
Ion Ratio Lower Upper
88 100
58 81.0 65.4 98.0
43 109.0 23.1 34.7#

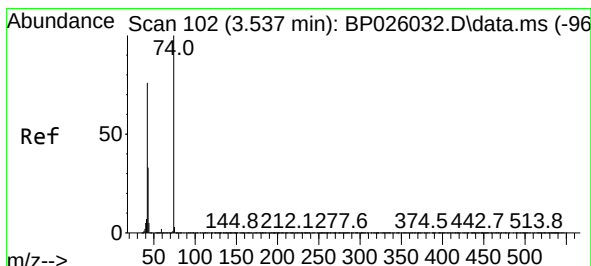
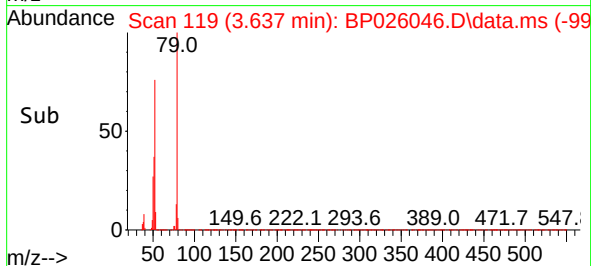
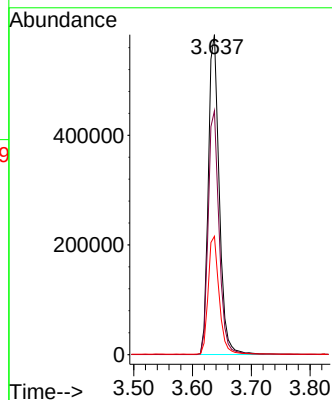
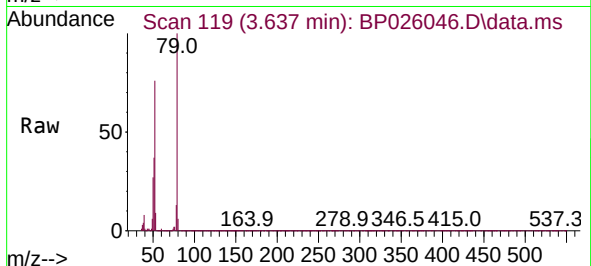




#3
Pyridine
Concen: 29.178 ng
RT: 3.637 min Scan# 117
Delta R.T. 0.018 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

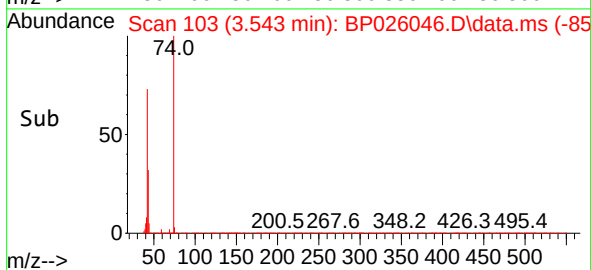
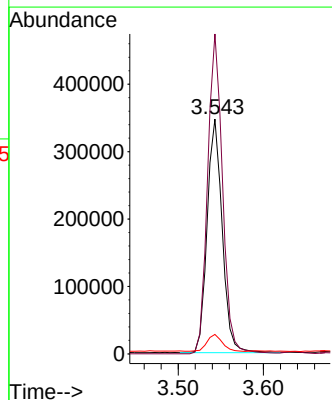
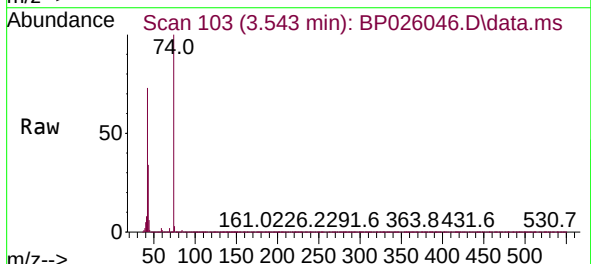
Instrument :
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ClientSampleId :
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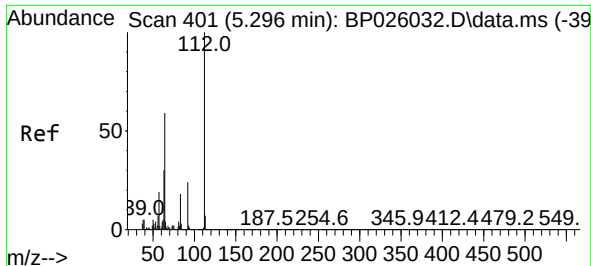
Tgt Ion: 79 Resp: 753642
Ion Ratio Lower Upper
79 100
52 76.2 62.0 93.0
51 37.0 30.6 46.0



#4
n-Nitrosodimethylamine
Concen: 41.100 ng
RT: 3.543 min Scan# 103
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion: 42 Resp: 425468
Ion Ratio Lower Upper
42 100
74 136.2 105.7 158.5
44 8.3 6.6 9.8

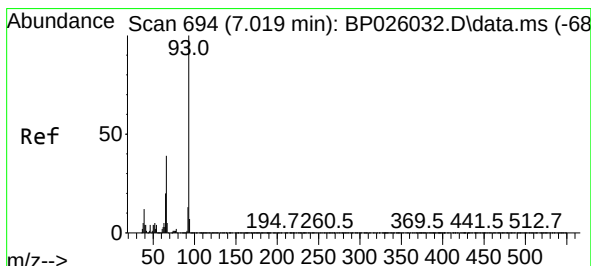
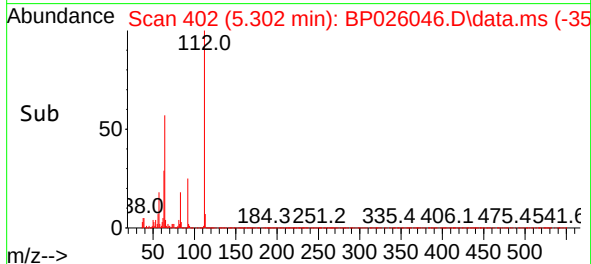
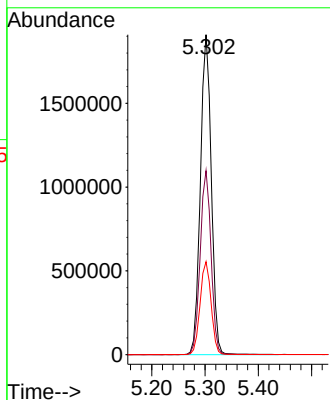
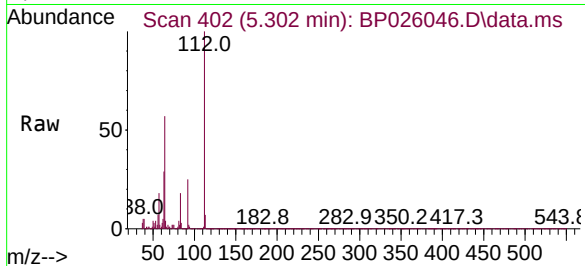




#5
2-Fluorophenol
Concen: 125.304 ng
RT: 5.302 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

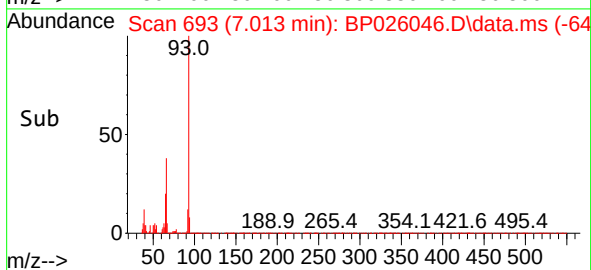
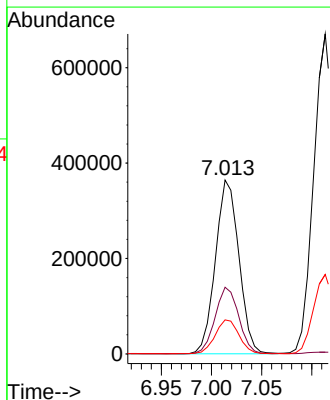
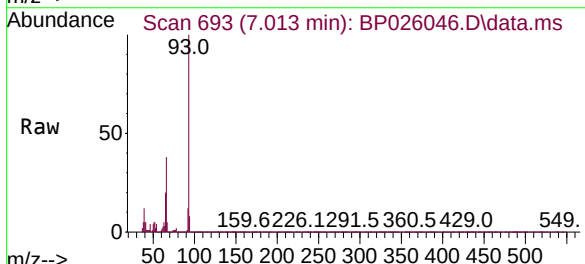
Instrument :
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ClientSampleId :
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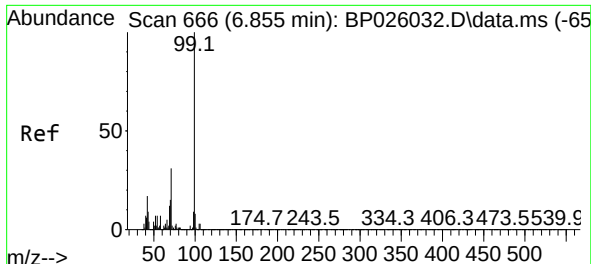
Tgt Ion:112 Resp: 2700648
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.2
63 29.0 24.2 36.4



#6
Aniline
Concen: 16.254 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion: 93 Resp: 595076
Ion Ratio Lower Upper
93 100
66 38.3 31.2 46.8
65 19.6 16.1 24.1



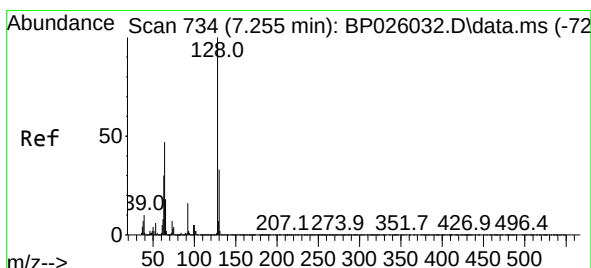
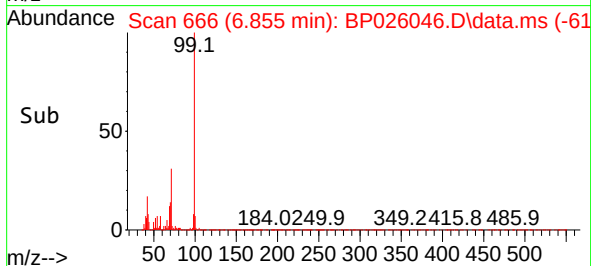
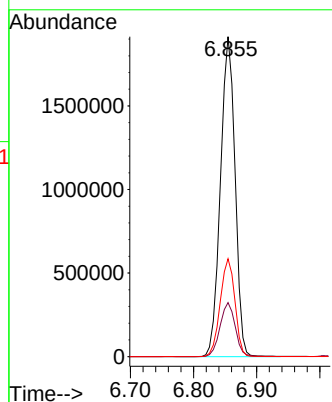
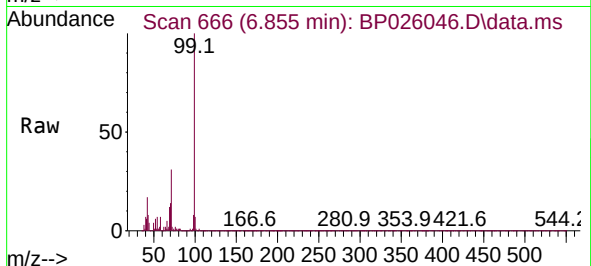


#7
Phenol-d6
Concen: 112.045 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026046.D
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ClientSampleId :
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Tgt Ion: 99 Resp: 3073668

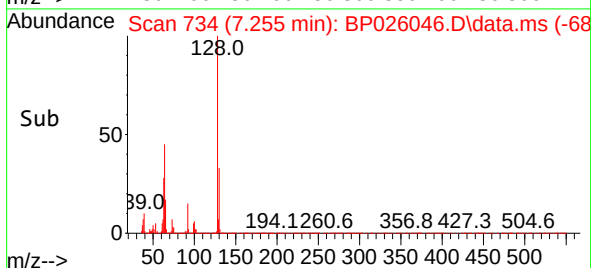
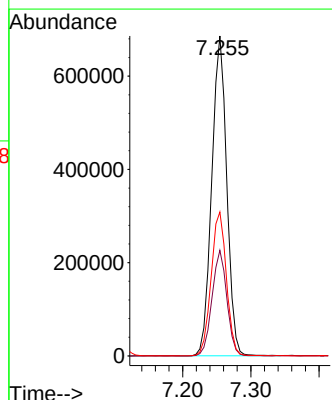
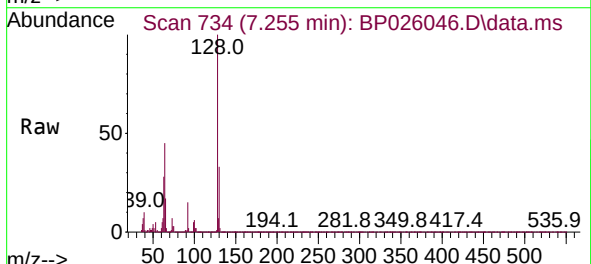
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	30.6	24.4	36.6

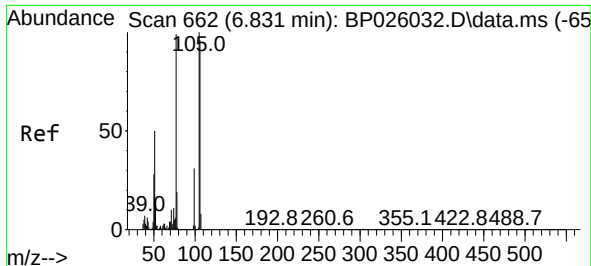


#8
2-Chlorophenol
Concen: 43.928 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:128 Resp: 1048411

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	45.0	27.4	67.4

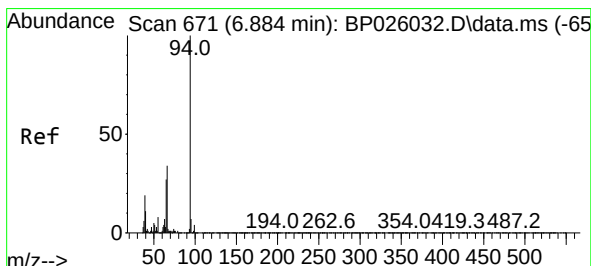
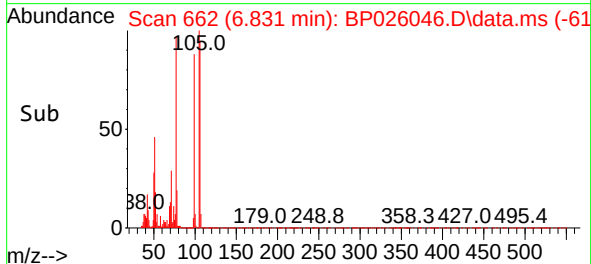
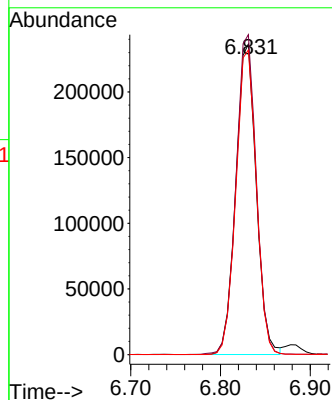
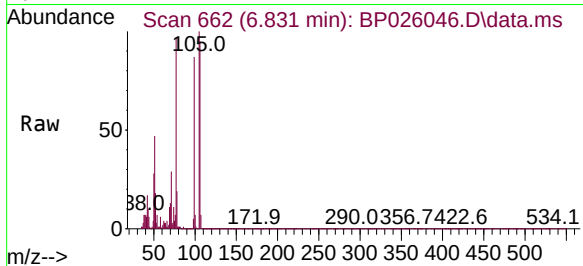




#9
Benzaldehyde
Concen: 26.373 ng
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026046.D
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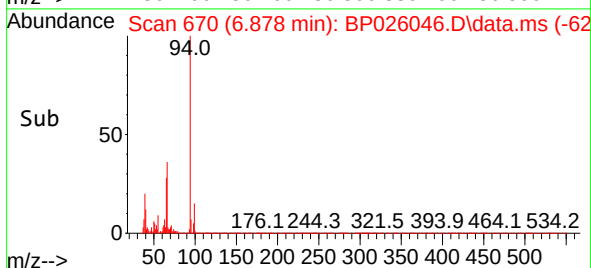
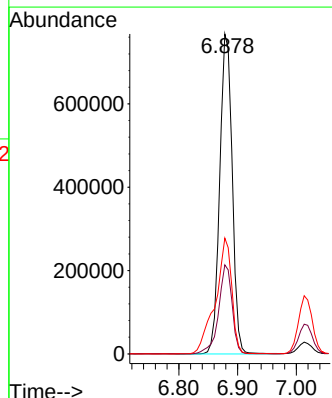
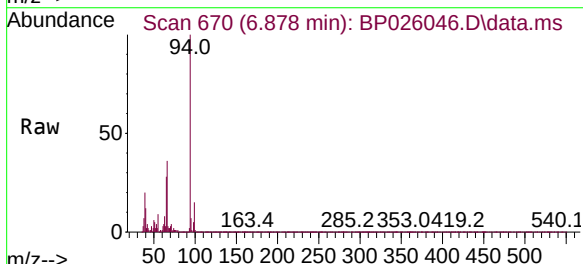
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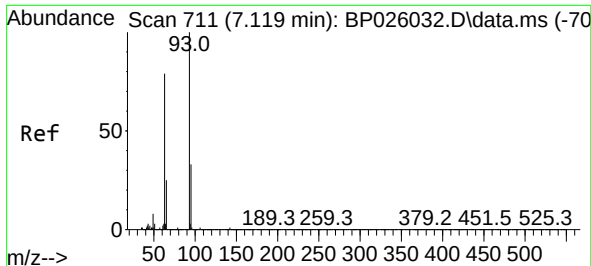
Tgt Ion: 77 Resp: 376091
Ion Ratio Lower Upper
77 100
105 103.1 80.7 120.7
106 98.1 76.5 116.5



#10
Phenol
Concen: 37.201 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion: 94 Resp: 1132958
Ion Ratio Lower Upper
94 100
65 27.8 7.1 47.1
66 36.2 14.4 54.4

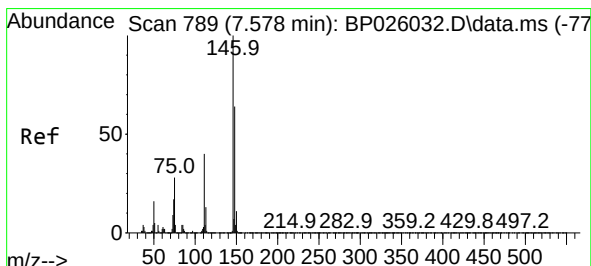
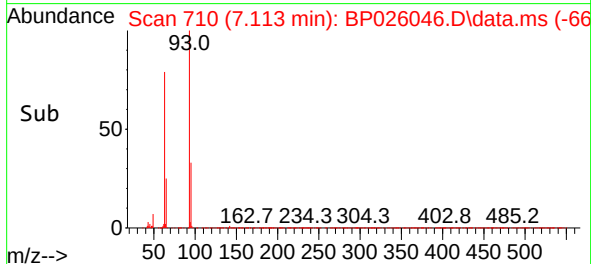
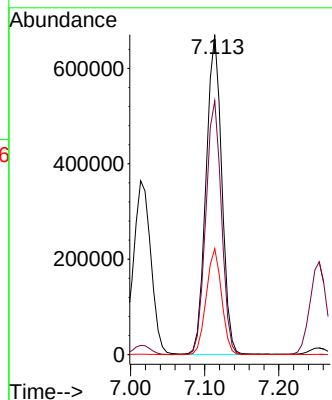
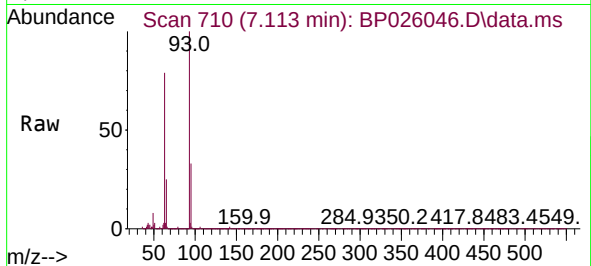




#11
bis(2-Chloroethyl)ether
Concen: 41.089 ng
RT: 7.113 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

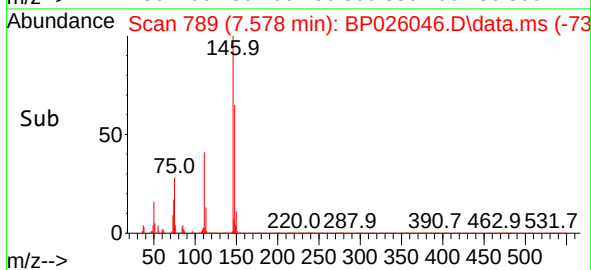
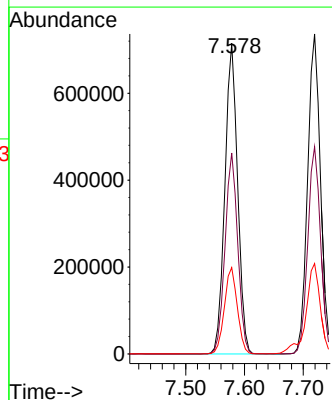
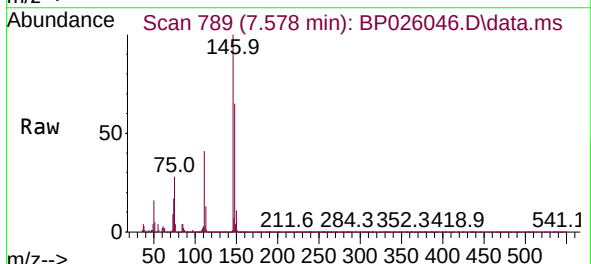
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

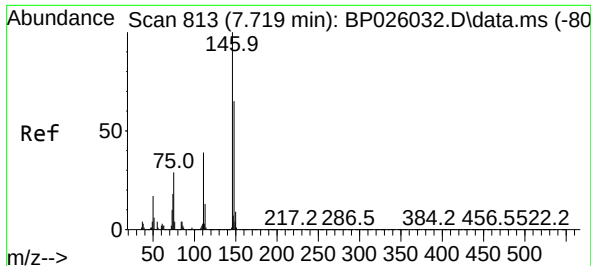
Tgt Ion: 93	Resp: 987554
Ion Ratio	Lower Upper
93 100	
63 79.3	59.1 99.1
95 33.1	12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.262 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:146	Resp: 1076127		
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	27.8	22.6	33.8

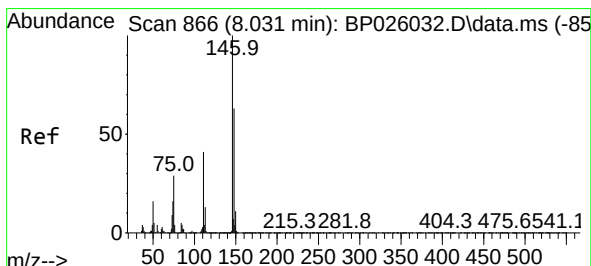
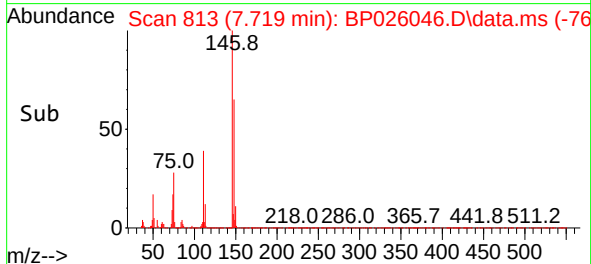
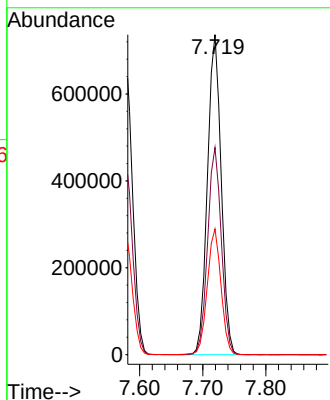
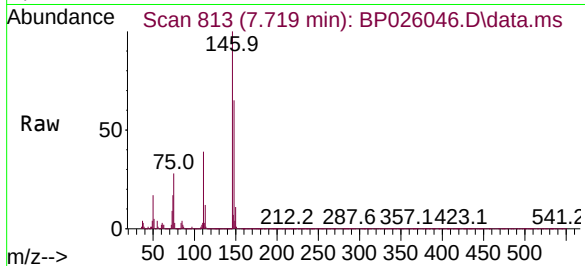




#13
1,4-Dichlorobenzene
Concen: 40.172 ng
RT: 7.719 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

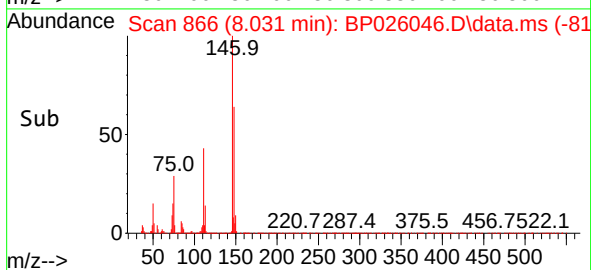
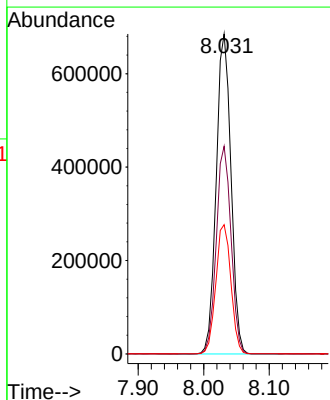
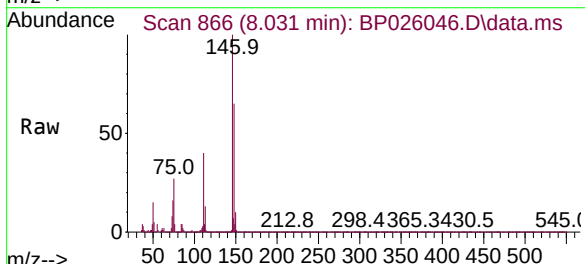
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

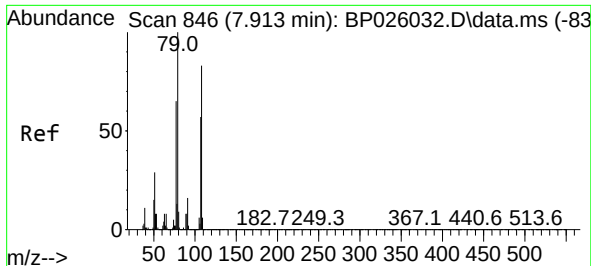
Tgt Ion:146 Resp: 1113251
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
111 39.3 31.3 46.9



#14
1,2-Dichlorobenzene
Concen: 40.560 ng
RT: 8.031 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:146 Resp: 1072566
Ion Ratio Lower Upper
146 100
148 64.9 50.8 76.2
111 40.4 33.0 49.4

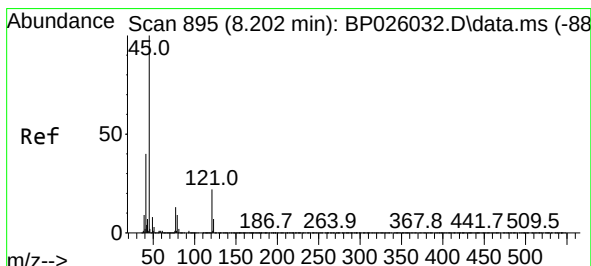
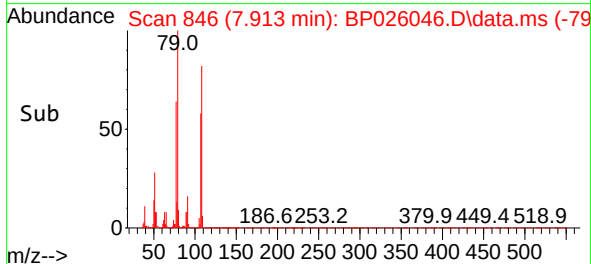
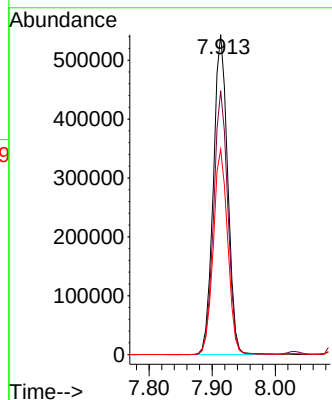
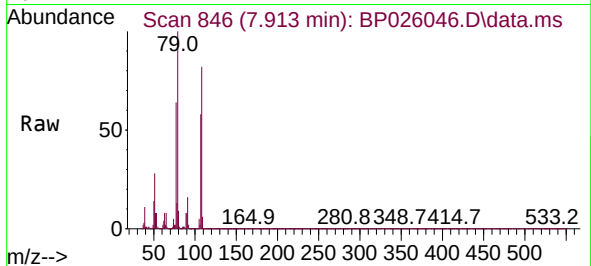




#15
Benzyl Alcohol
Concen: 43.303 ng
RT: 7.913 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

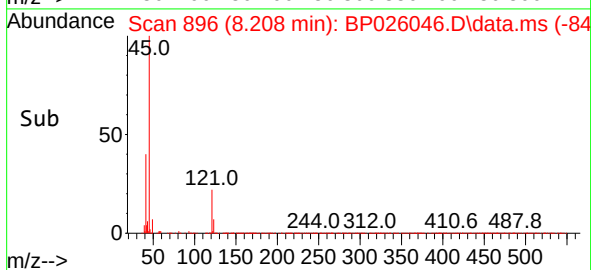
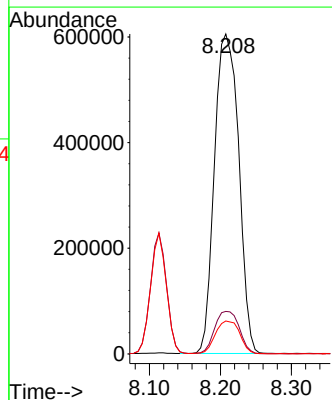
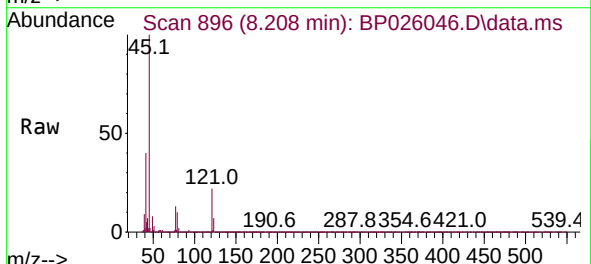
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

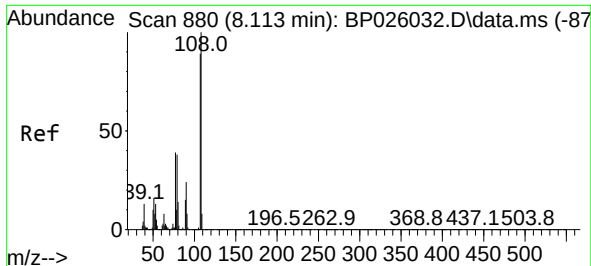
Tgt Ion: 79 Resp: 856377
Ion Ratio Lower Upper
79 100
108 82.5 66.0 99.0
77 64.1 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.579 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion: 45 Resp: 1437696
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.2
79 10.3 0.0 29.5

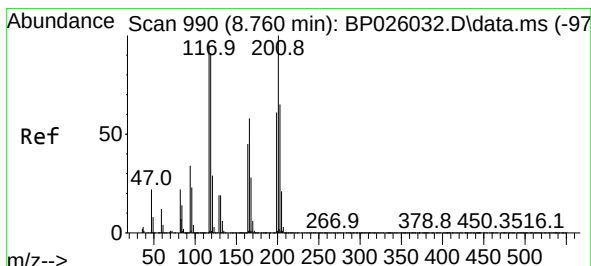
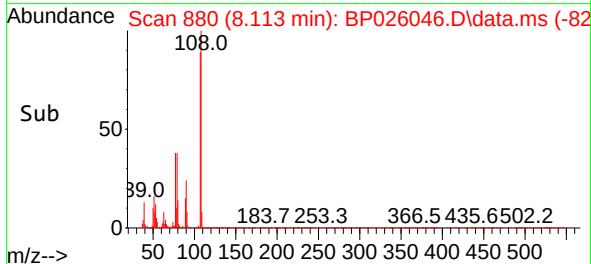
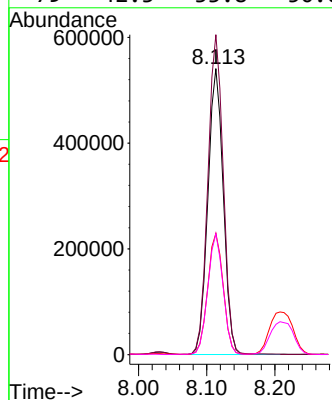
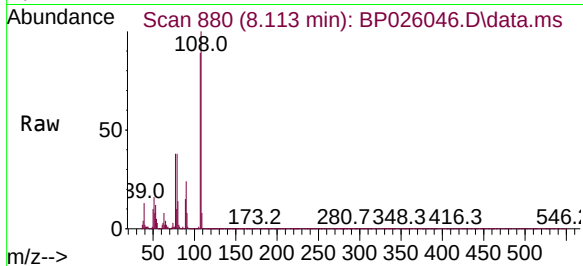




#17
2-Methylphenol
Concen: 42.567 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

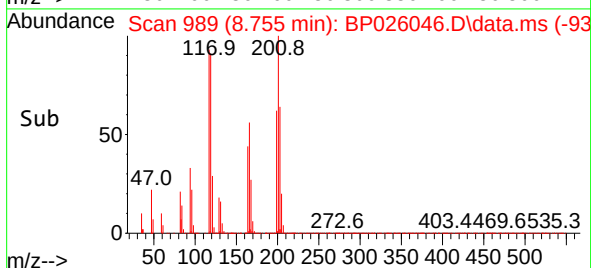
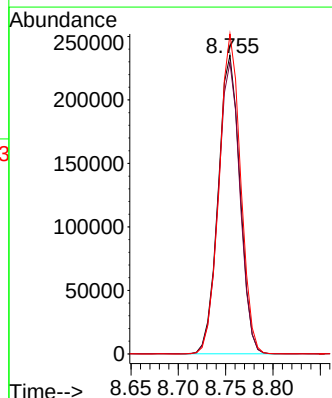
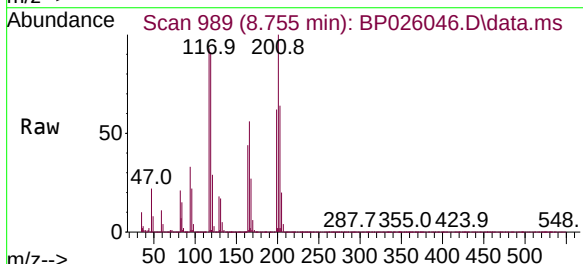
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

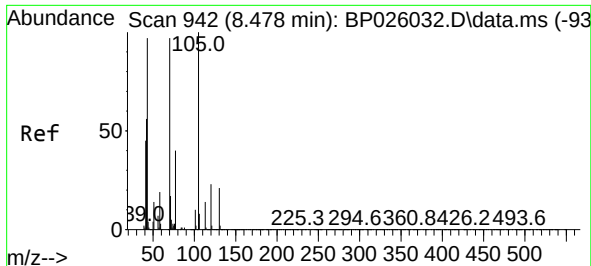
Tgt Ion:	107	Resp:	848889
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.8	134.8
77	42.4	34.8	52.2
79	42.3	33.8	50.6



#18
Hexachloroethane
Concen: 39.607 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:	117	Resp:	375588
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.5	114.7
201	107.1	84.2	126.4

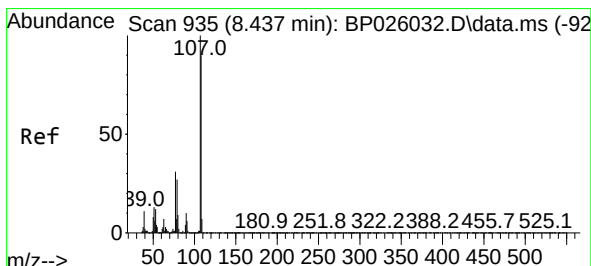
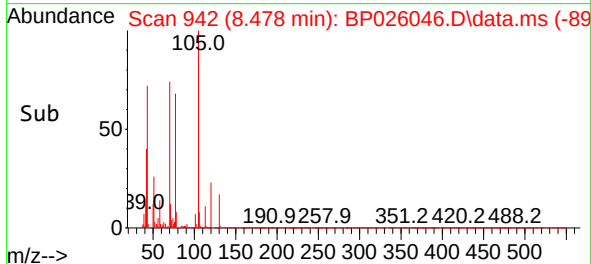
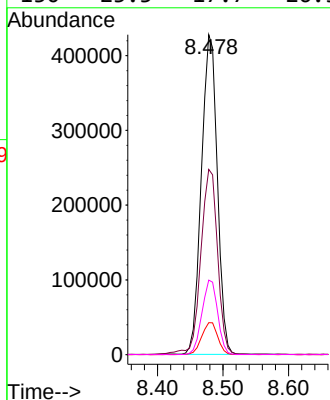
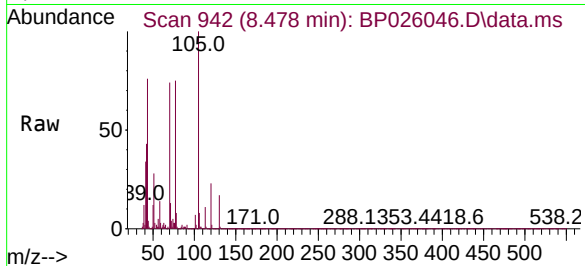




#19
n-Nitroso-di-n-propylamine
Concen: 42.177 ng
RT: 8.478 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

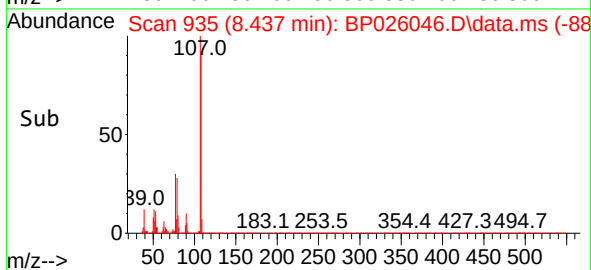
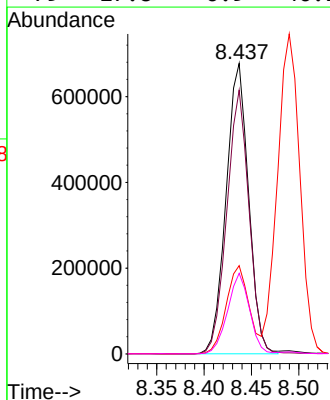
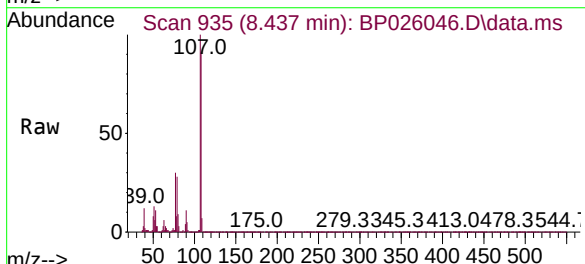
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

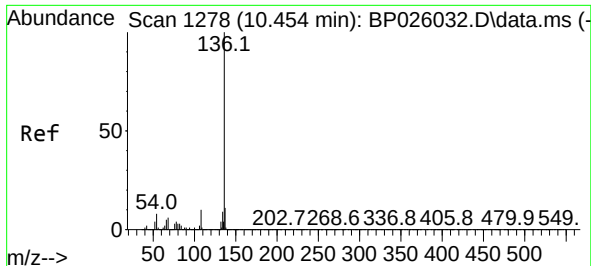
Tgt Ion:	70	Resp:	718219
Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.2	70.8
101	10.0	8.2	12.2
130	23.3	17.7	26.5



#20
3+4-Methylphenols
Concen: 40.352 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:	107	Resp:	1119497
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.1	110.1
77	30.4	10.7	50.7
79	27.8	6.9	46.9

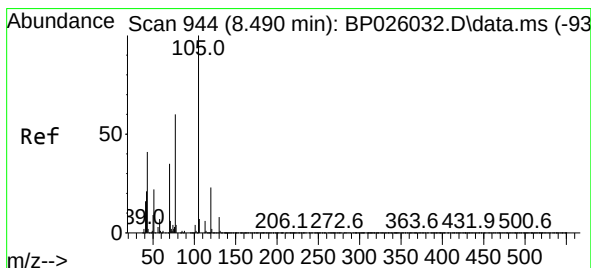
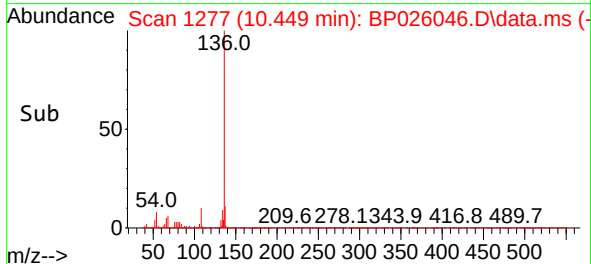
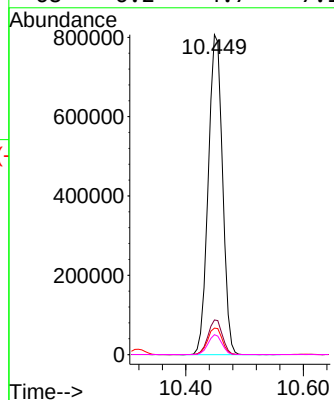
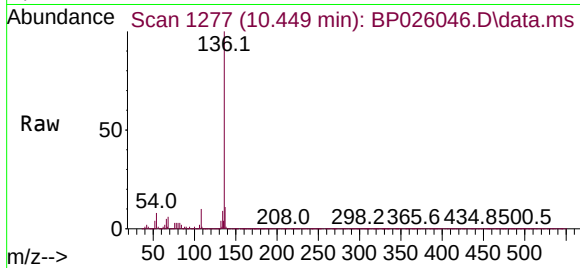




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

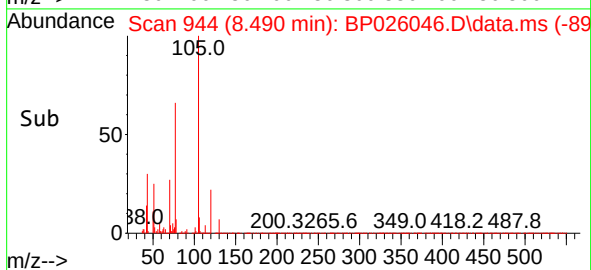
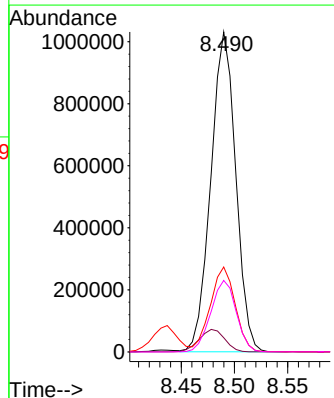
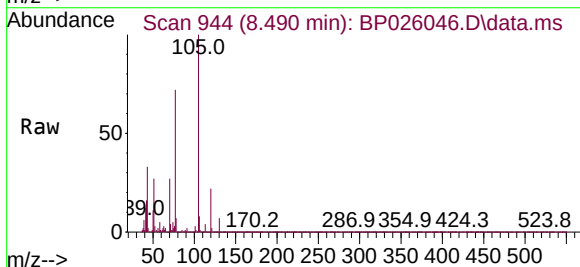
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

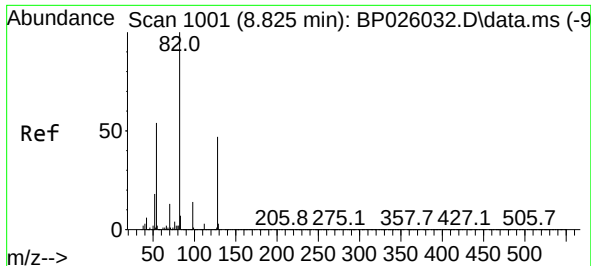
Tgt Ion:136 Resp: 1355340
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 6.6 10.0
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 48.933 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:105 Resp: 1677309
Ion Ratio Lower Upper
105 100
71 4.4 4.7 7.1#
51 26.5 21.8 32.8
120 22.3 18.7 28.1





#23

Nitrobenzene-d5

Concen: 93.592 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

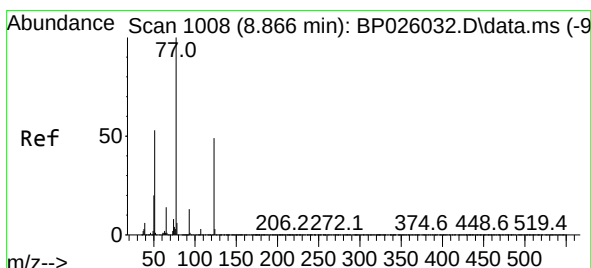
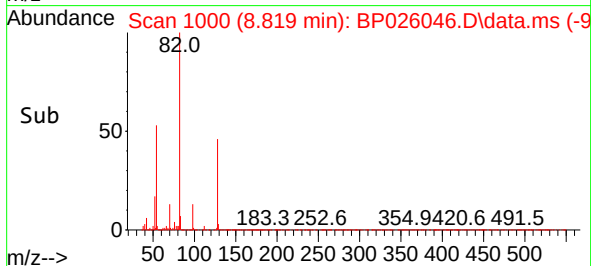
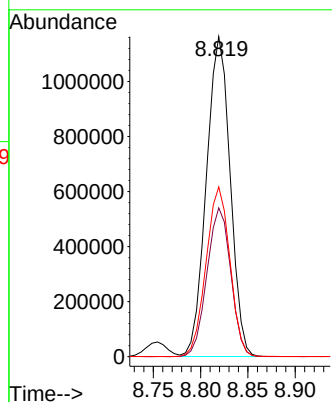
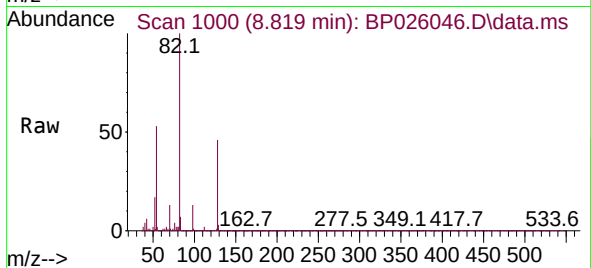
Tgt Ion: 82 Resp: 2034789

Ion Ratio Lower Upper

82 100

128 46.5 37.4 56.0

54 53.0 42.7 64.1



#24

Nitrobenzene

Concen: 45.104 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

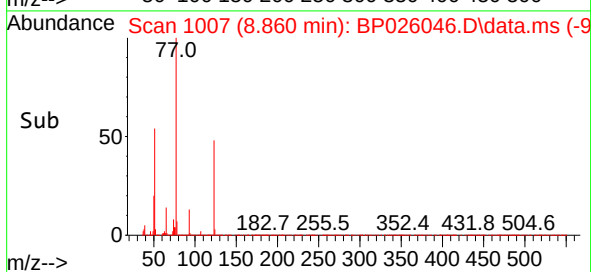
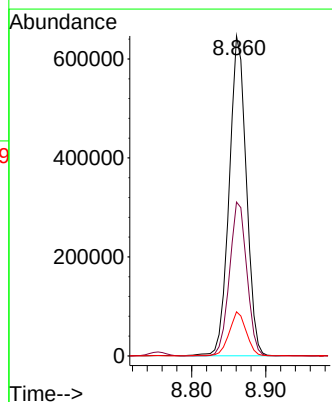
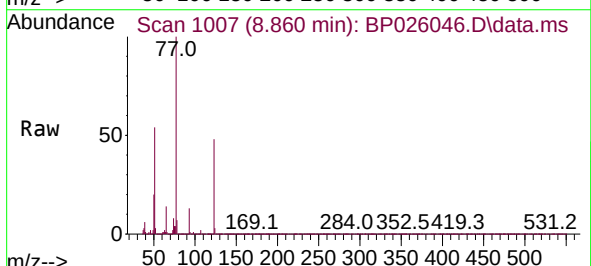
Tgt Ion: 77 Resp: 1035370

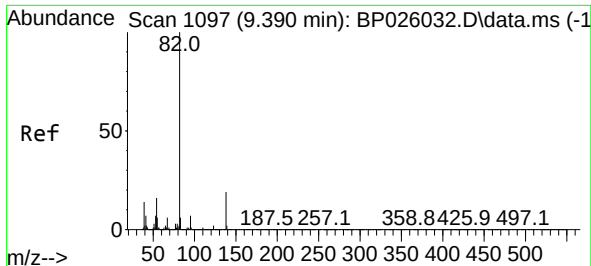
Ion Ratio Lower Upper

77 100

123 48.1 39.0 58.4

65 13.8 10.9 16.3

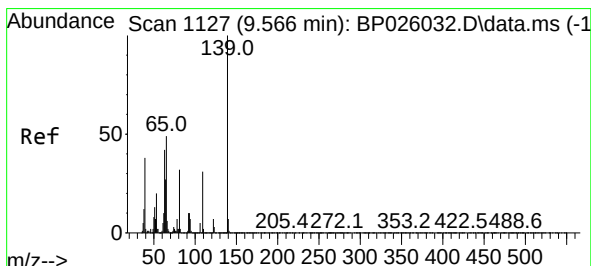
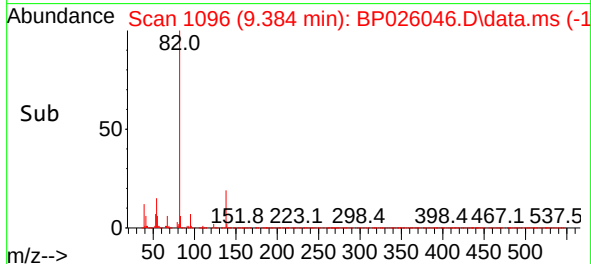
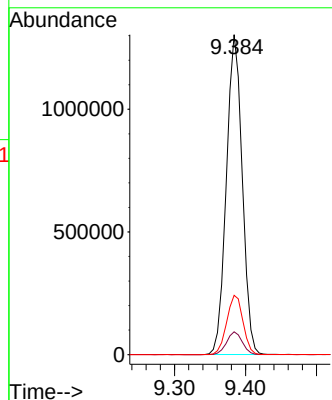
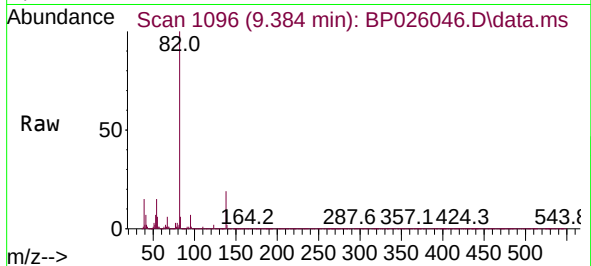




#25
Isophorone
Concen: 43.589 ng
RT: 9.384 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

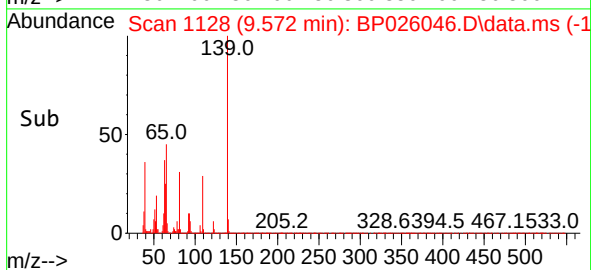
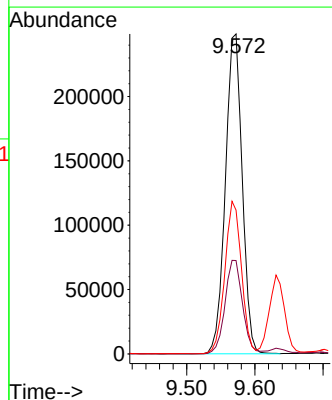
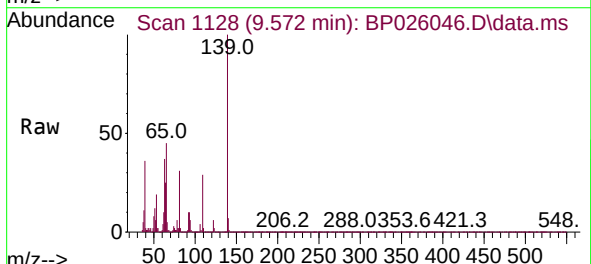
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

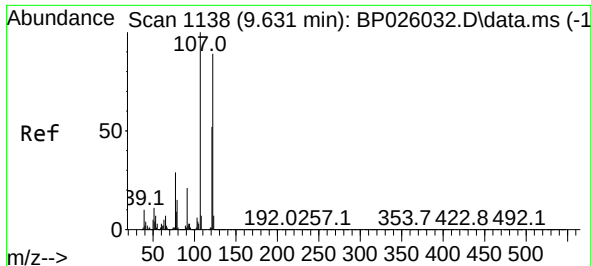
Tgt Ion: 82 Resp: 2028438
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.5 15.0 22.6



#26
2-Nitrophenol
Concen: 50.140 ng
RT: 9.572 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion: 139 Resp: 424722
Ion Ratio Lower Upper
139 100
109 29.2 24.8 37.2
65 44.9 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 49.356 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

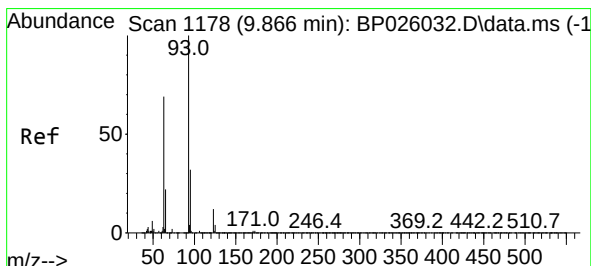
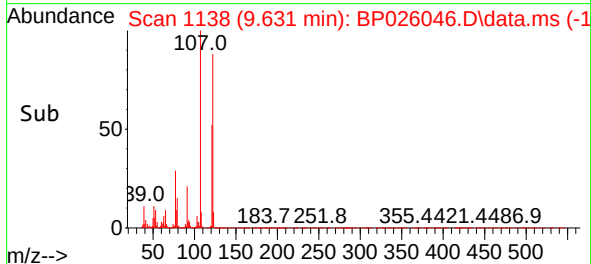
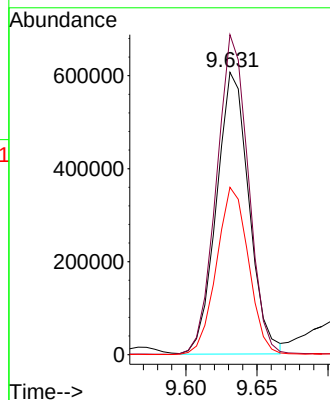
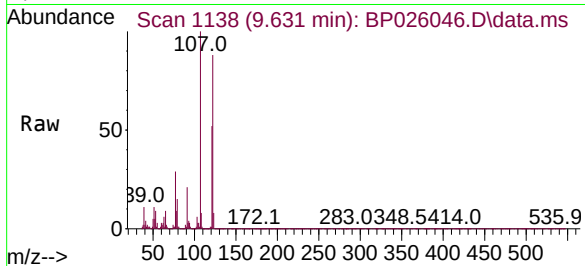
Tgt Ion:122 Resp: 965851

Ion Ratio Lower Upper

122 100

107 113.3 89.2 133.8

121 59.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.340 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

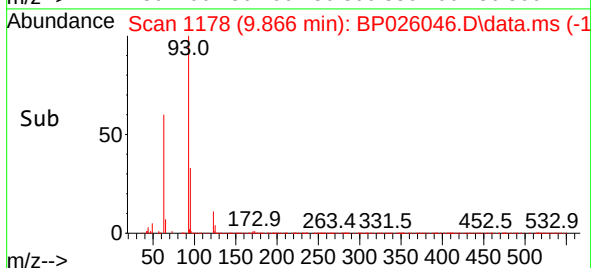
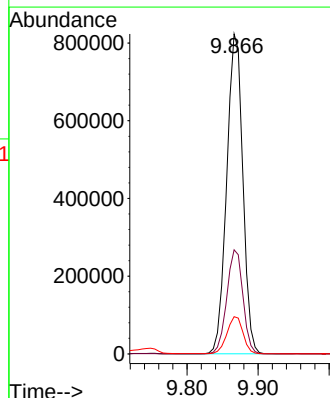
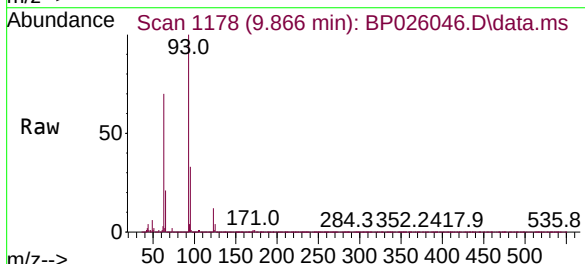
Tgt Ion: 93 Resp: 1300376

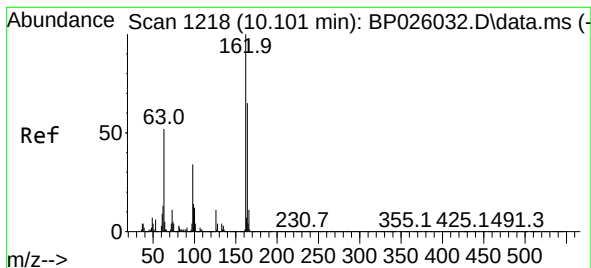
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 46.385 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.001 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

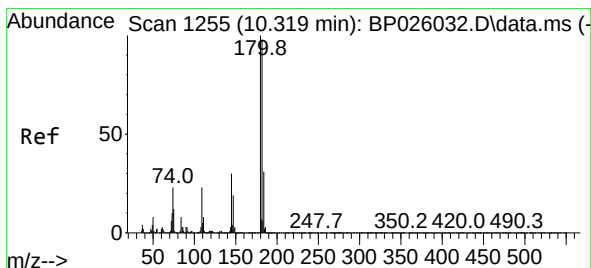
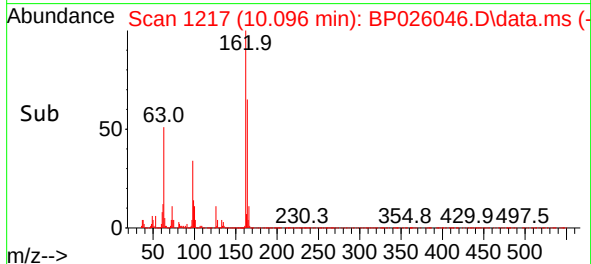
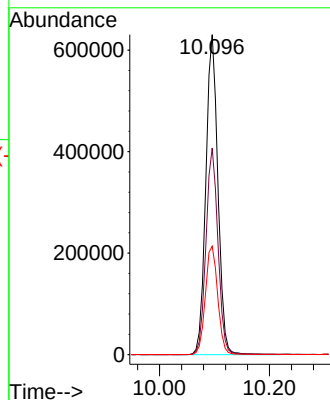
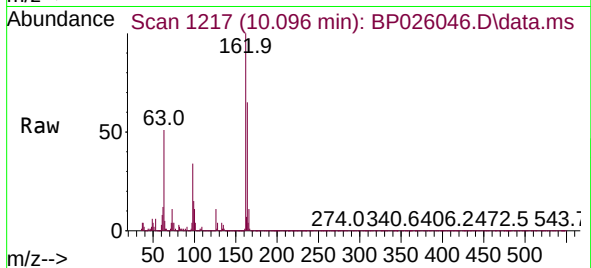
Tgt Ion:162 Resp: 958410

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 33.9 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 45.446 ng

RT: 10.319 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

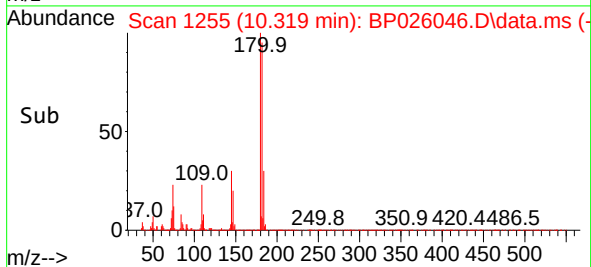
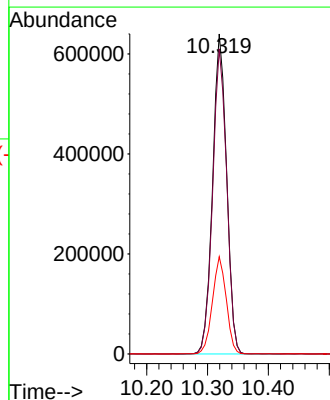
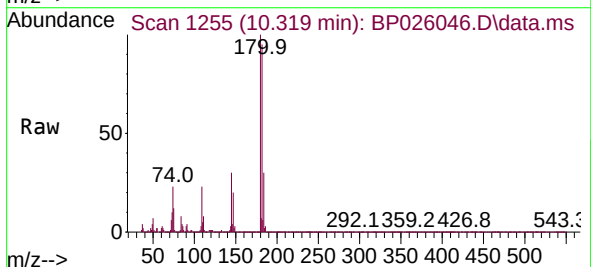
Tgt Ion:180 Resp: 1020633

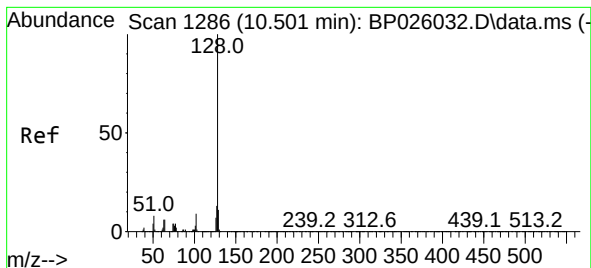
Ion Ratio Lower Upper

180 100

182 95.3 78.6 117.8

145 30.4 24.2 36.4





#31

Naphthalene

Concen: 42.492 ng

RT: 10.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

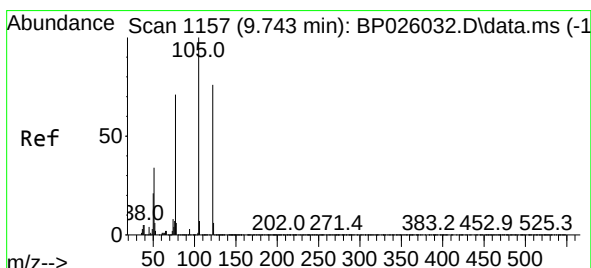
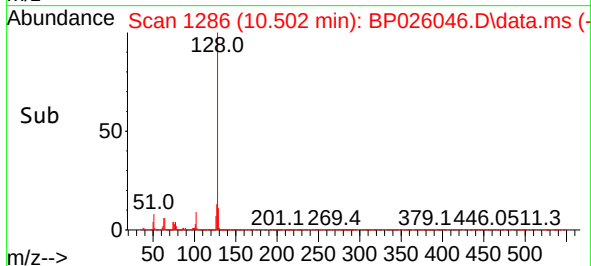
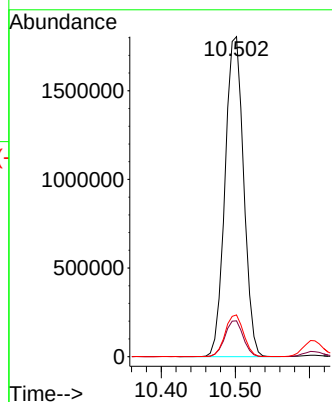
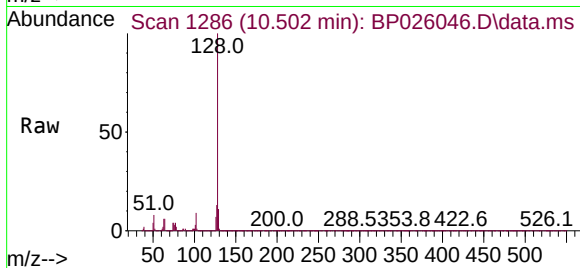
Tgt Ion:128 Resp: 3140553

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.0 10.5 15.7



#32

Benzoic acid

Concen: 47.782 ng

RT: 9.749 min Scan# 1158

Delta R.T. -0.029 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

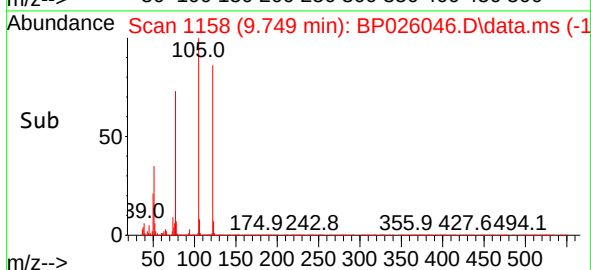
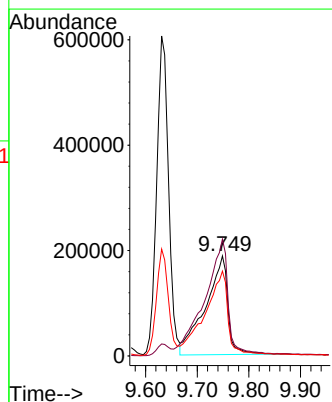
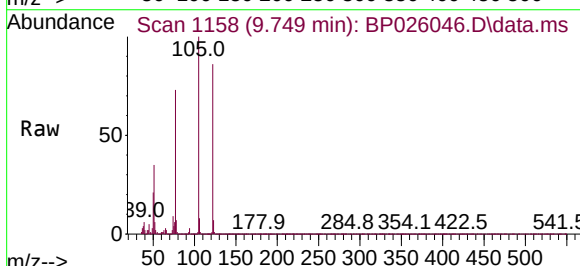
Tgt Ion:122 Resp: 565111

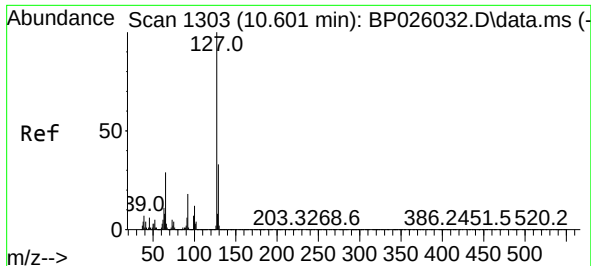
Ion Ratio Lower Upper

122 100

105 116.7 104.8 144.8

77 84.8 70.9 110.9

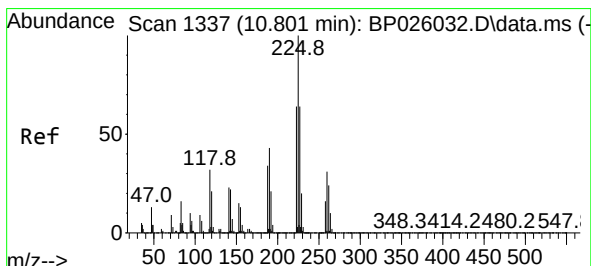
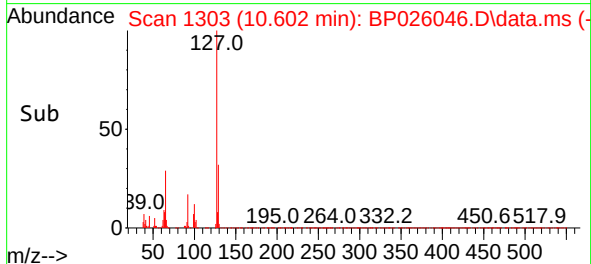
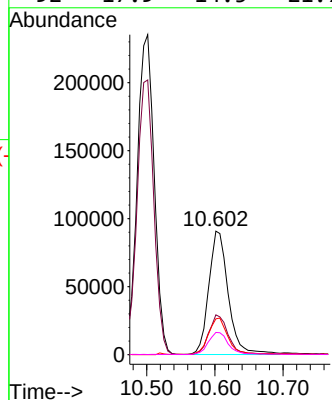
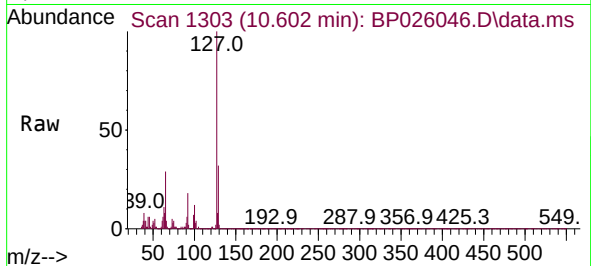




#33
4-Chloroaniline
Concen: 6.338 ng
RT: 10.602 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

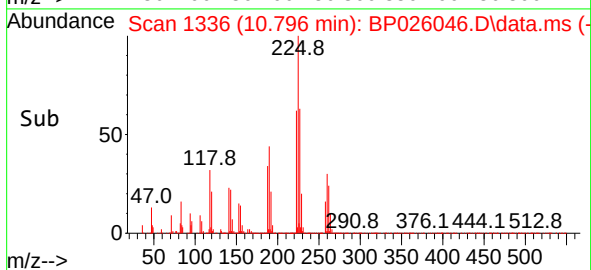
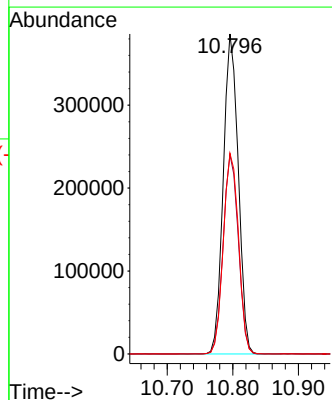
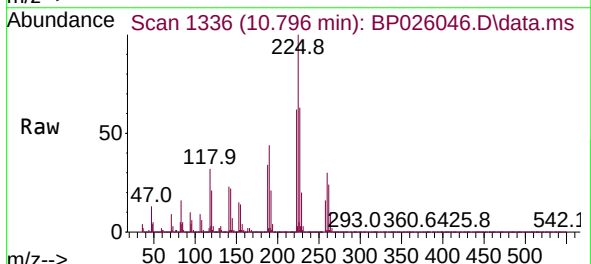
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

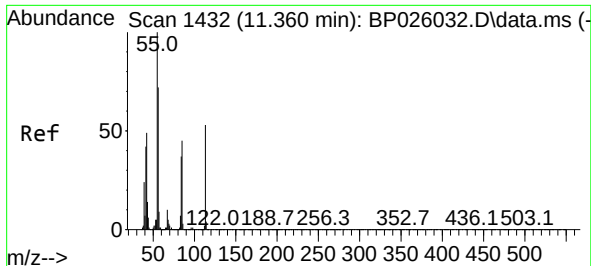
Tgt Ion:	127	Resp:	179996
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	28.9	23.2	34.8
92	17.9	14.5	21.7



#34
Hexachlorobutadiene
Concen: 43.014 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:	225	Resp:	613879
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	62.7	51.0	76.4

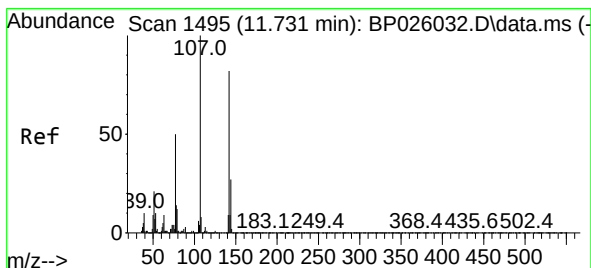
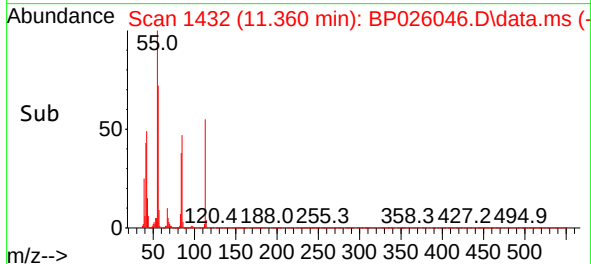
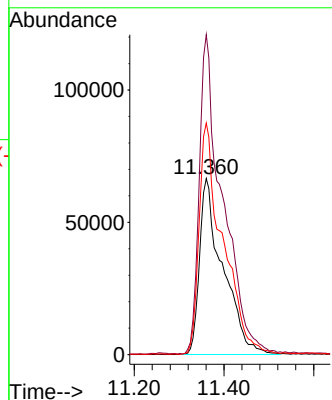
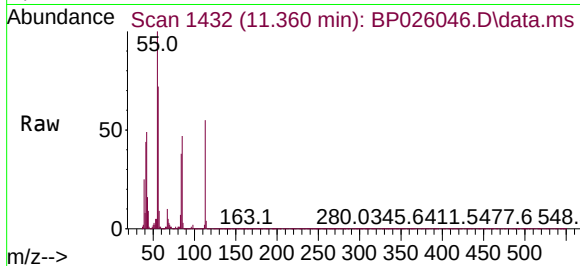




#35
Caprolactam
Concen: 33.037 ng
RT: 11.360 min Scan# 1432
Delta R.T. -0.024 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

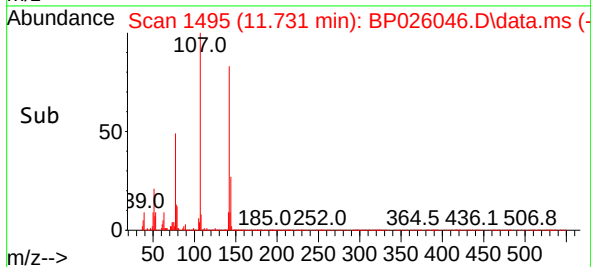
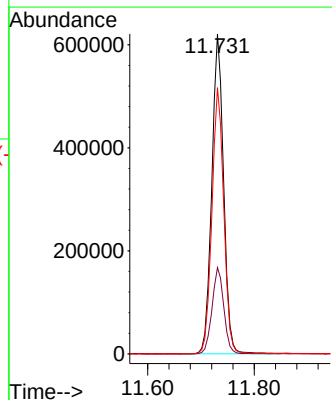
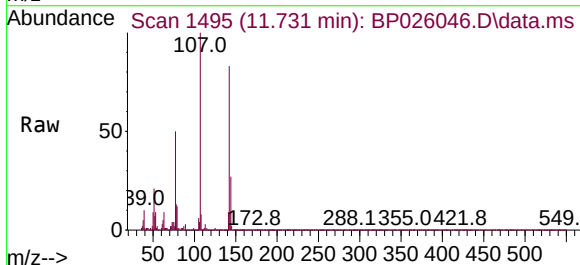
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

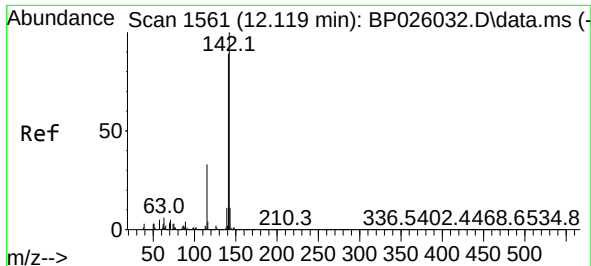
Tgt Ion:113 Resp: 239710
Ion Ratio Lower Upper
113 100
55 181.8 169.9 209.9
56 131.6 116.7 156.7



#36
4-Chloro-3-methylphenol
Concen: 44.206 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:107 Resp: 957500
Ion Ratio Lower Upper
107 100
144 27.0 21.3 31.9
142 83.2 65.2 97.8

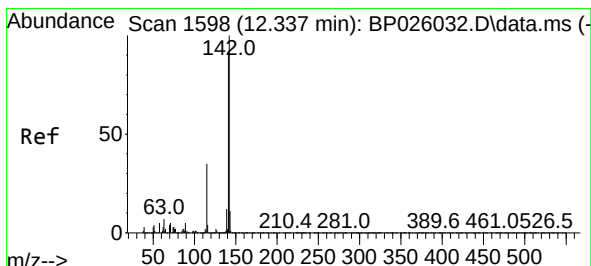
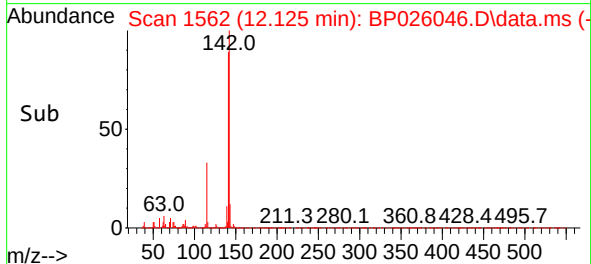
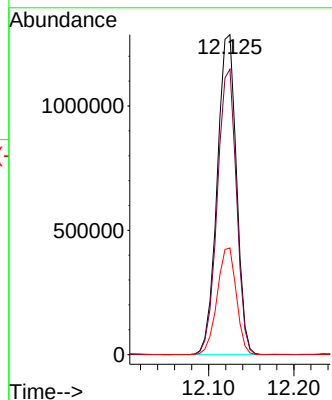
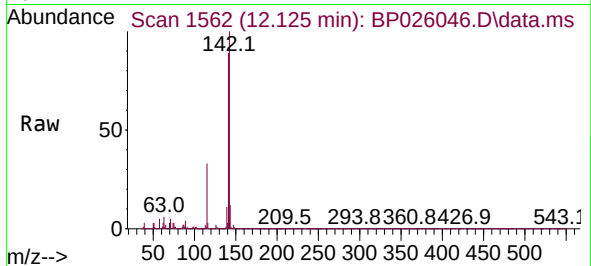




#37
2-Methylnaphthalene
Concen: 38.990 ng
RT: 12.125 min Scan# 1562
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

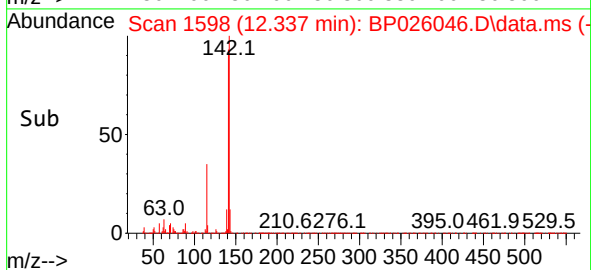
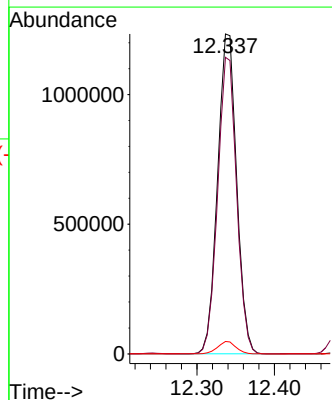
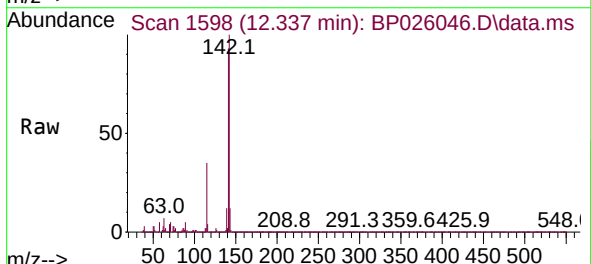
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

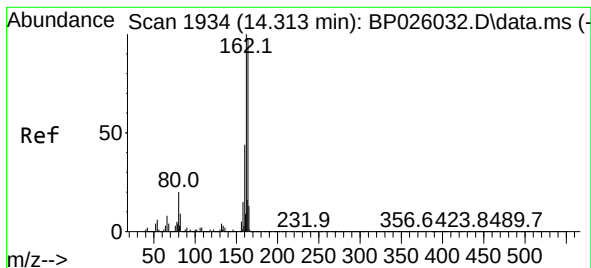
Tgt Ion:142 Resp: 2016935
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4
115 33.3 26.6 39.8



#38
1-Methylnaphthalene
Concen: 41.940 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:142 Resp: 2107713
Ion Ratio Lower Upper
142 100
141 92.7 72.7 109.1
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

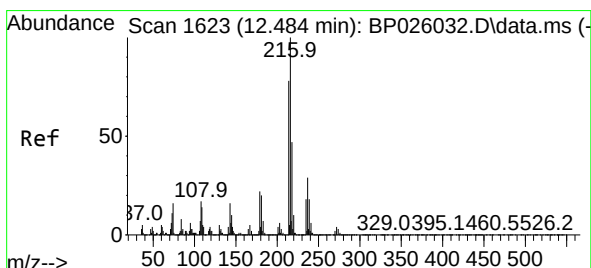
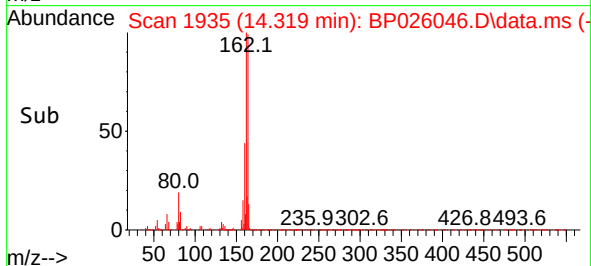
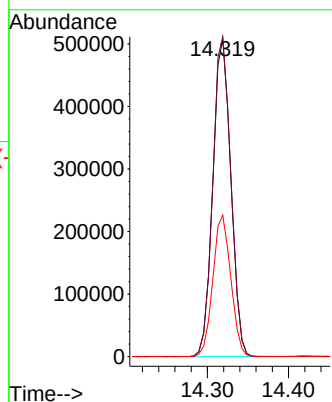
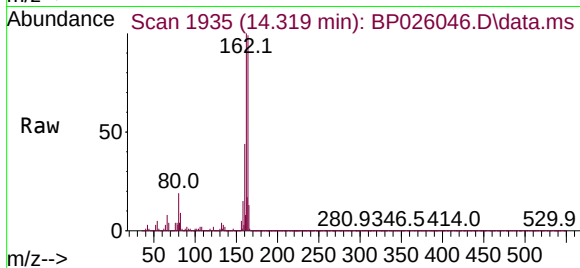
Tgt Ion:164 Resp: 781370

Ion Ratio Lower Upper

164 100

162 100.8 81.5 122.3

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.474 ng

RT: 12.496 min Scan# 1625

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Tgt Ion:216 Resp: 1249702

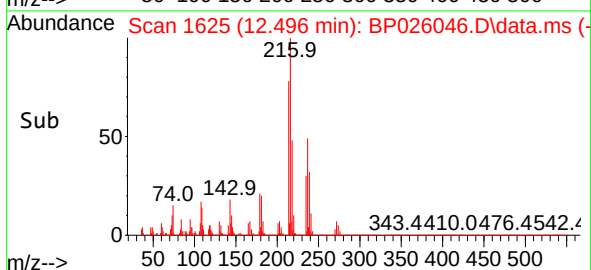
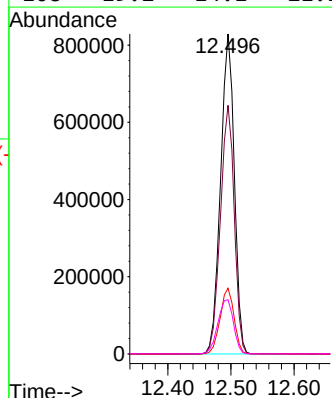
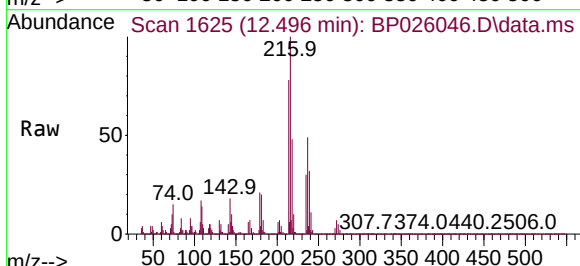
Ion Ratio Lower Upper

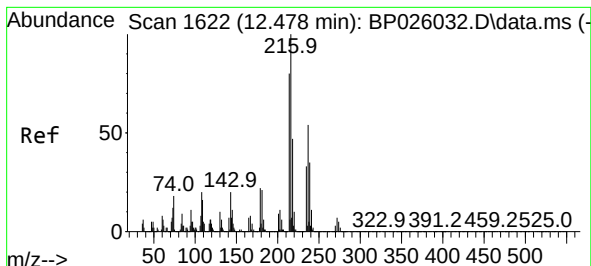
216 100

214 78.3 62.9 94.3

179 20.8 16.9 25.3

108 19.2 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 133.045 ng

RT: 12.484 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

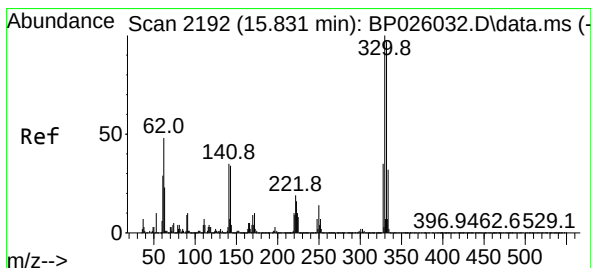
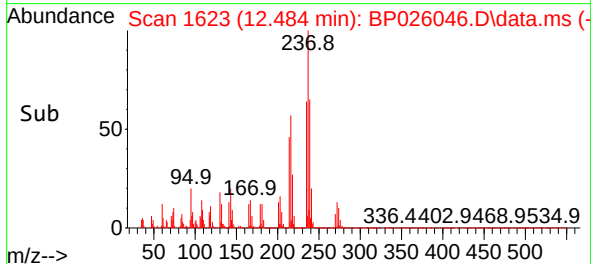
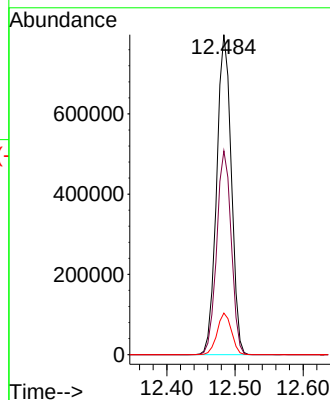
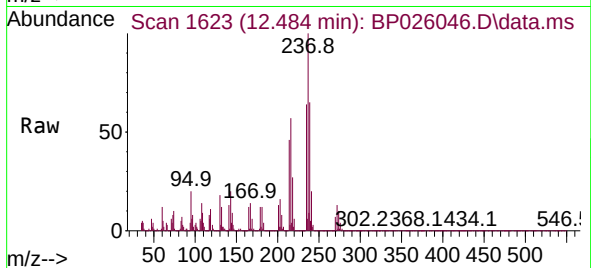
Tgt Ion:237 Resp: 1181826

Ion Ratio Lower Upper

237 100

235 63.7 40.4 80.4

272 13.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 136.454 ng

RT: 15.842 min Scan# 2194

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

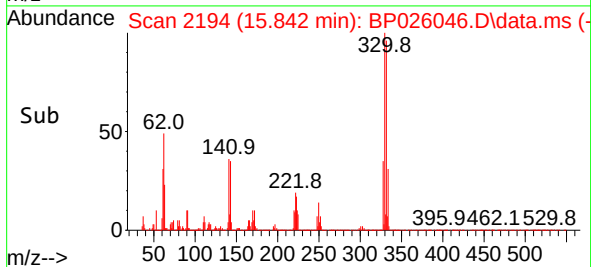
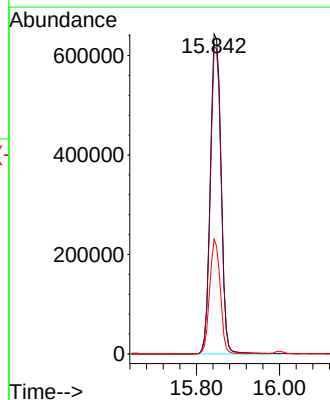
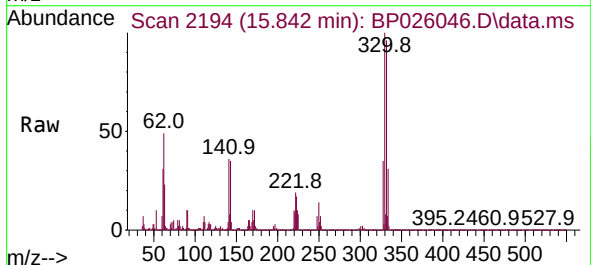
Tgt Ion:330 Resp: 1152678

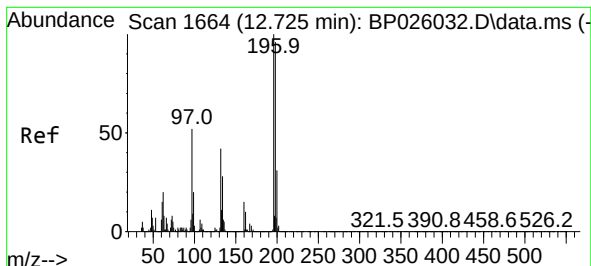
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 35.4 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 51.179 ng

RT: 12.737 min Scan# 1666

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

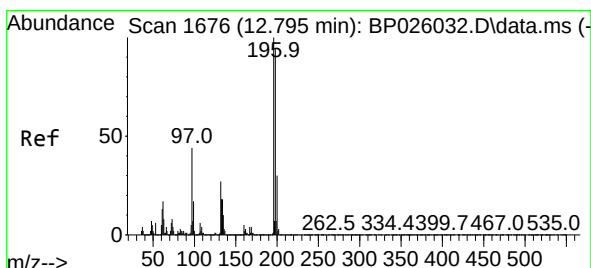
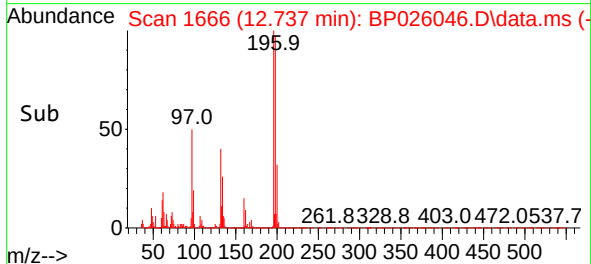
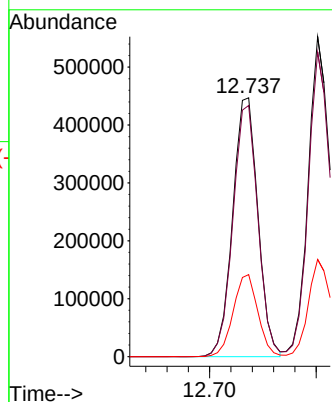
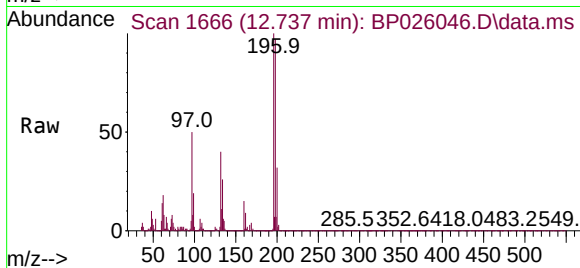
Tgt Ion:196 Resp: 734438

Ion Ratio Lower Upper

196 100

198 97.0 76.5 114.7

200 31.7 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 49.100 ng

RT: 12.801 min Scan# 1677

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Tgt Ion:196 Resp: 804001

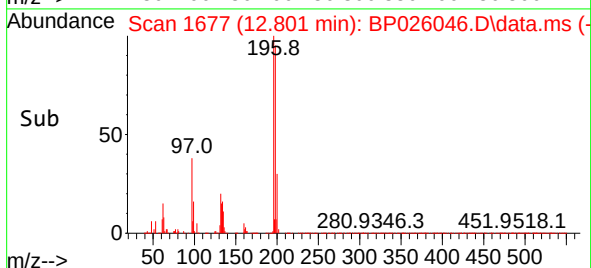
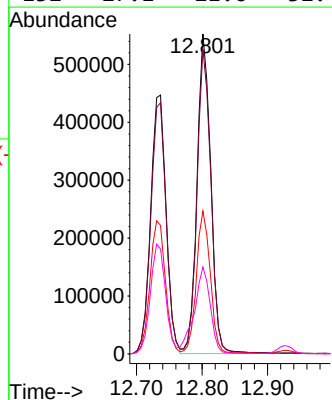
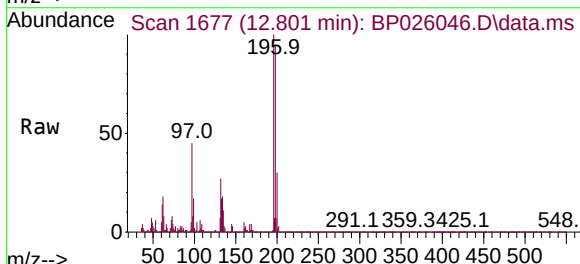
Ion Ratio Lower Upper

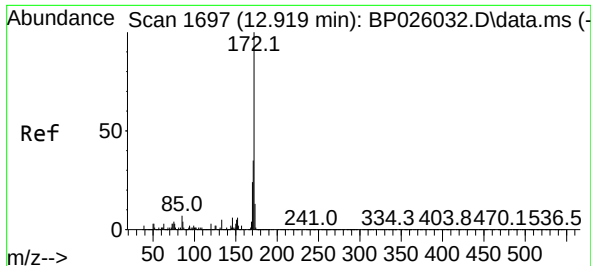
196 100

198 95.2 75.1 112.7

97 44.6 35.5 53.3

132 27.1 21.6 32.4

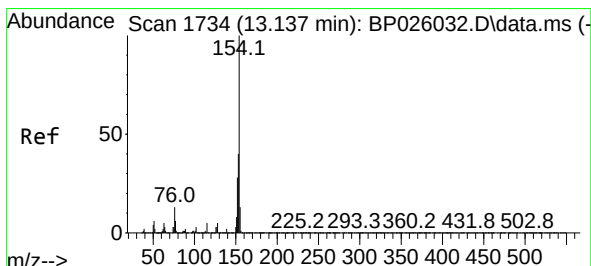
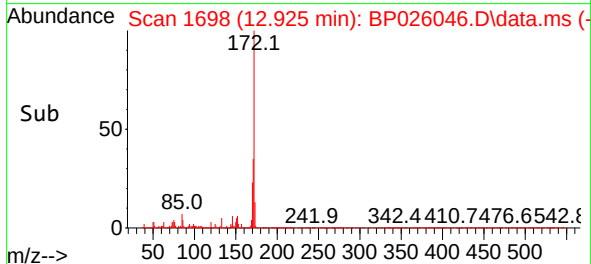
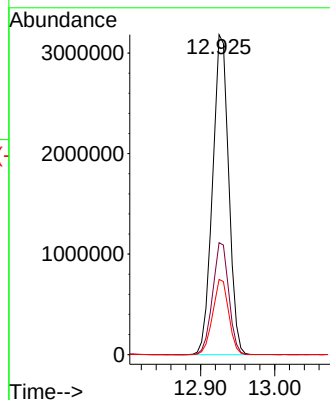
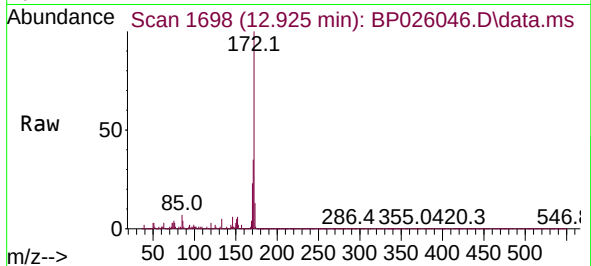




#45
2-Fluorobiphenyl
Concen: 88.487 ng
RT: 12.925 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

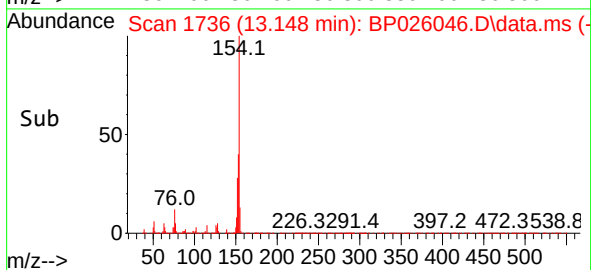
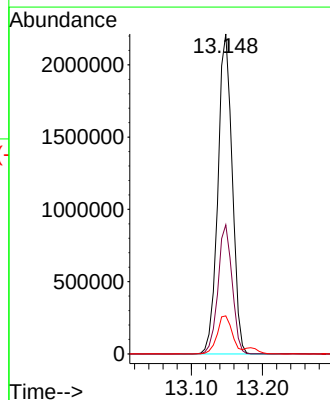
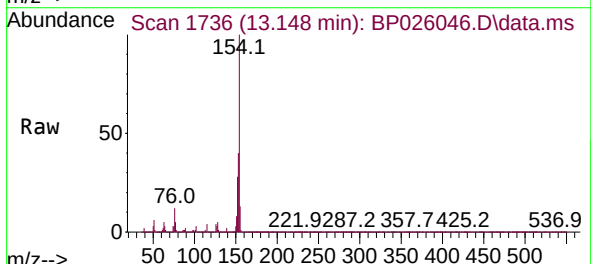
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

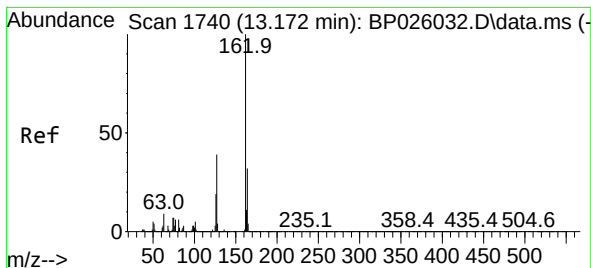
Tgt Ion:172 Resp: 4811761
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.874 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:154 Resp: 3103647
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.9 0.0 32.8

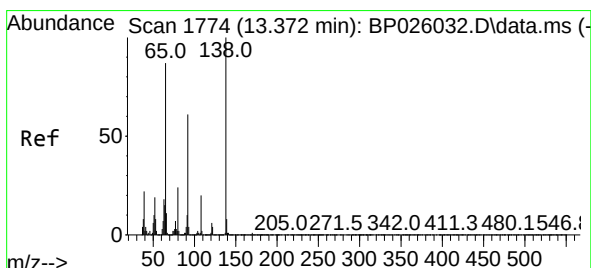
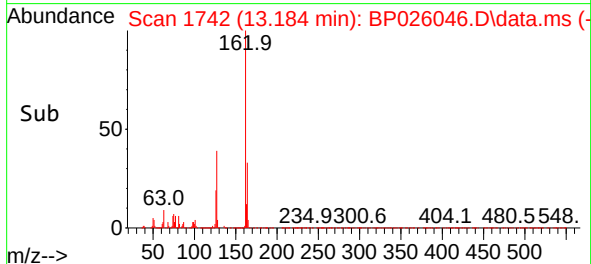
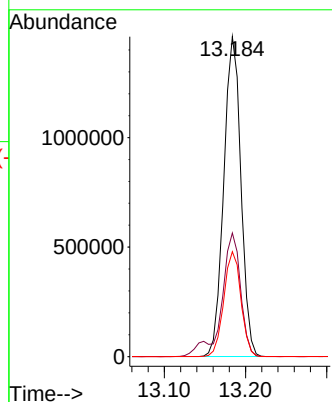
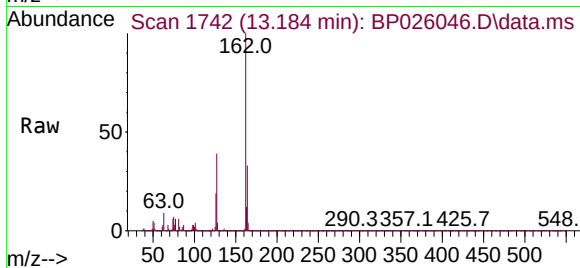




#47
2-Chloronaphthalene
Concen: 45.407 ng
RT: 13.184 min Scan# 1742
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

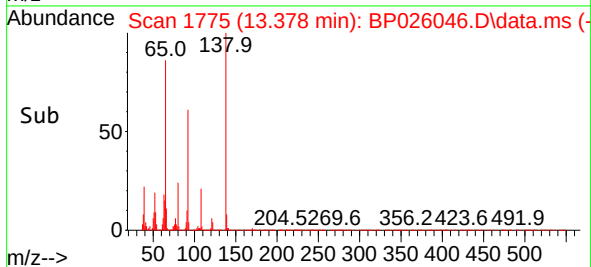
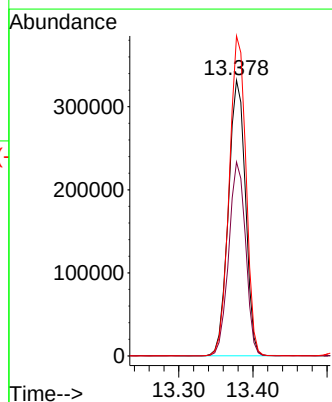
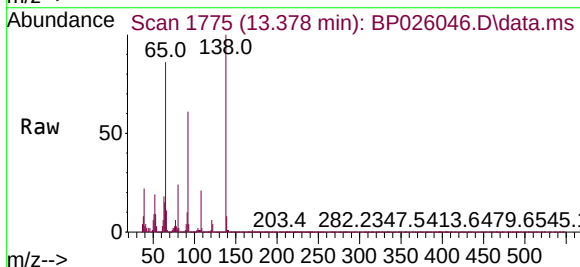
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

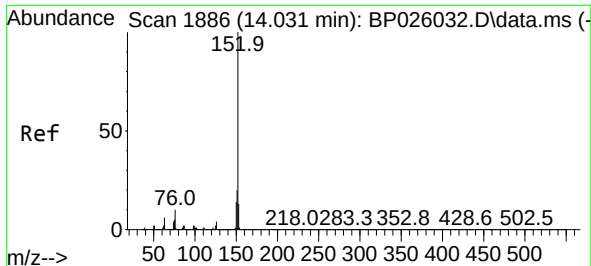
Tgt Ion:162 Resp: 2137466
Ion Ratio Lower Upper
162 100
127 38.6 31.4 47.2
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 43.996 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion: 65 Resp: 529855
Ion Ratio Lower Upper
65 100
92 70.3 55.5 83.3
138 116.1 91.7 137.5

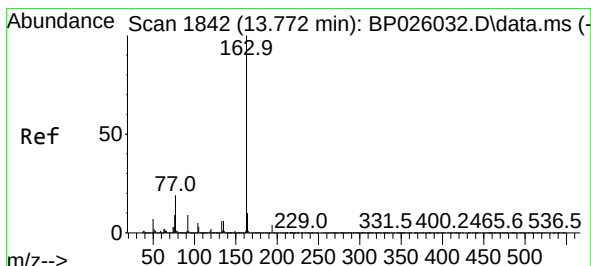
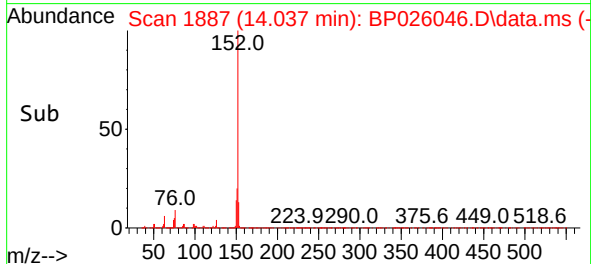
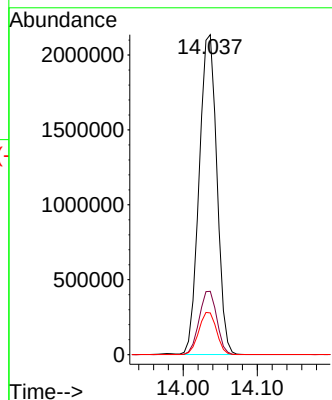
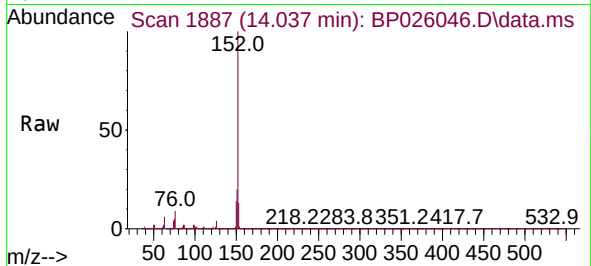




#49
Acenaphthylene
Concen: 51.672 ng
RT: 14.037 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

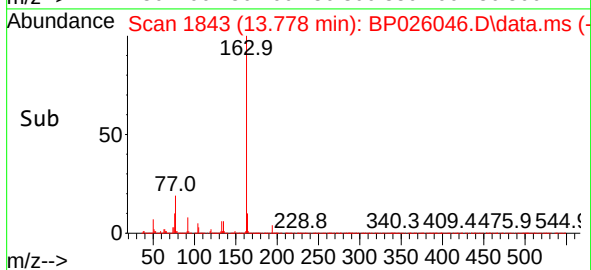
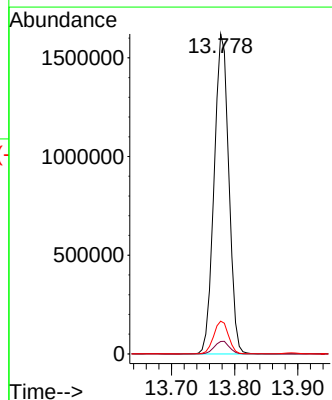
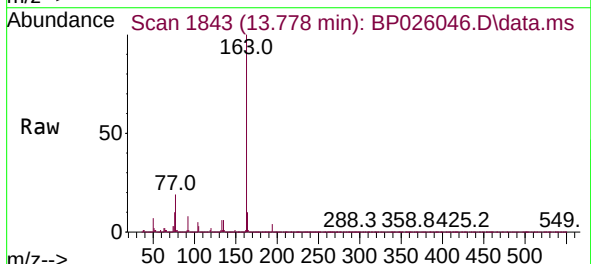
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

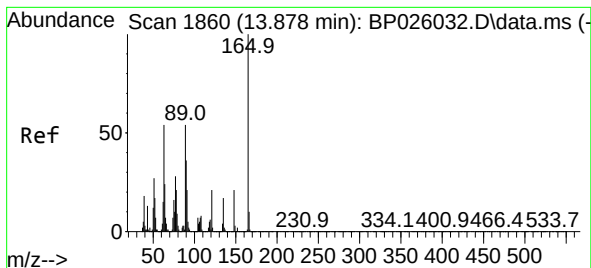
Tgt Ion:152 Resp: 3545219
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.0 10.6 16.0



#50
Dimethylphthalate
Concen: 46.035 ng
RT: 13.778 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:163 Resp: 2616452
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2

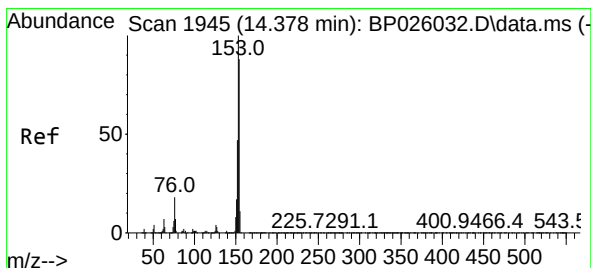
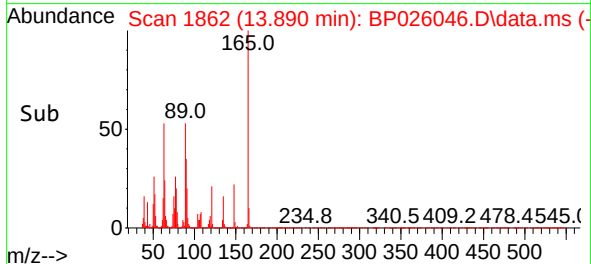
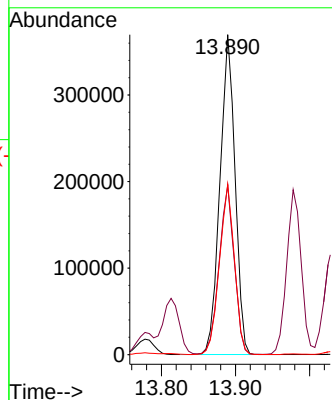
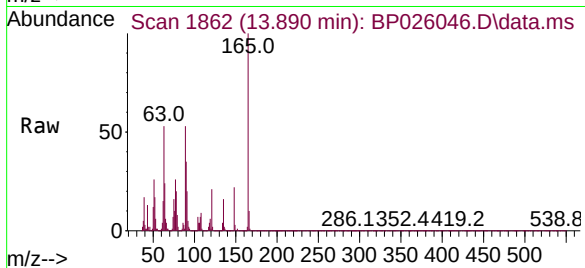




#51
2,6-Dinitrotoluene
Concen: 49.283 ng
RT: 13.890 min Scan# 1862
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

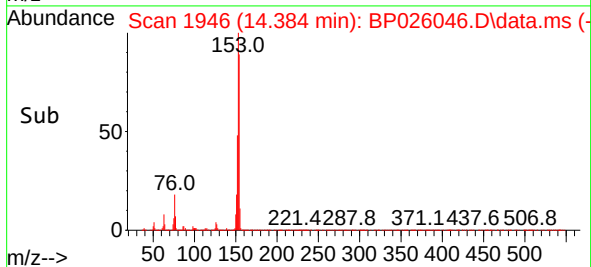
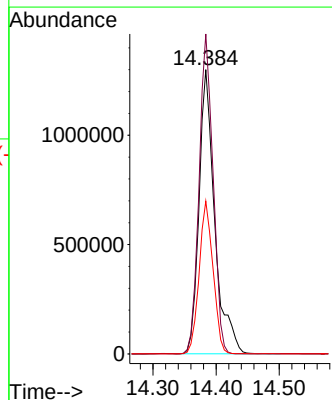
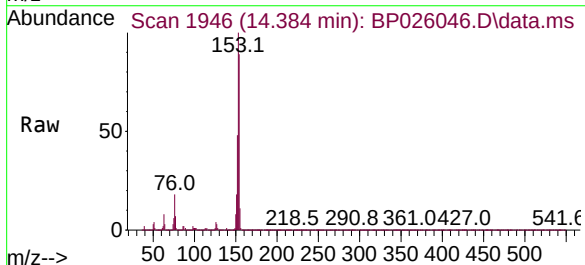
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

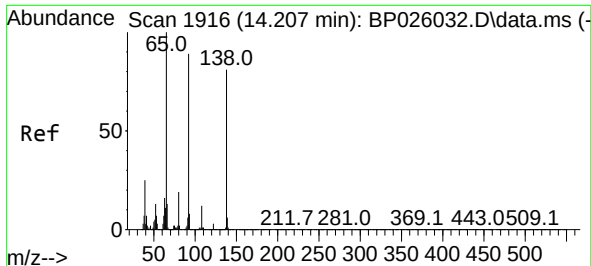
Tgt Ion:165 Resp: 523886
Ion Ratio Lower Upper
165 100
63 53.0 43.0 64.4
89 53.2 43.0 64.4



#52
Acenaphthene
Concen: 47.694 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:154 Resp: 2246432
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.8 42.7 64.1

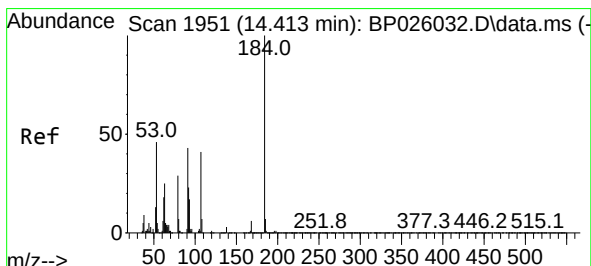
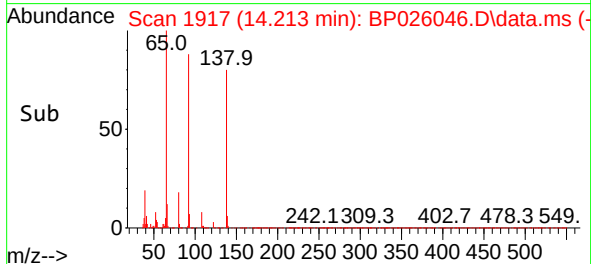
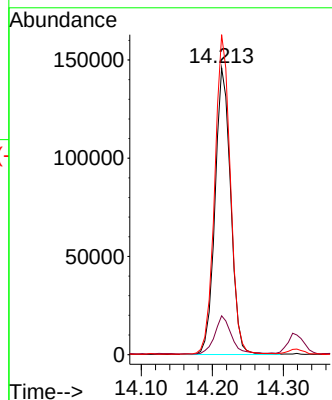
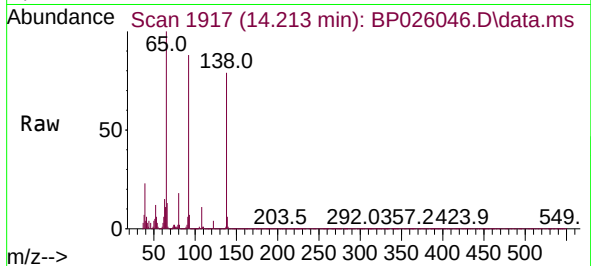




#53
3-Nitroaniline
Concen: 19.157 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

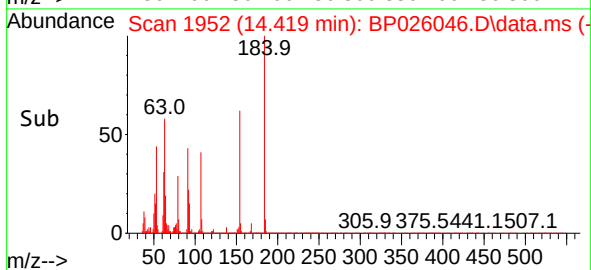
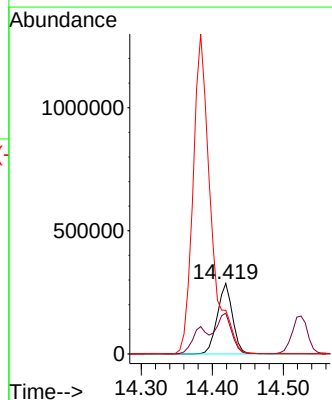
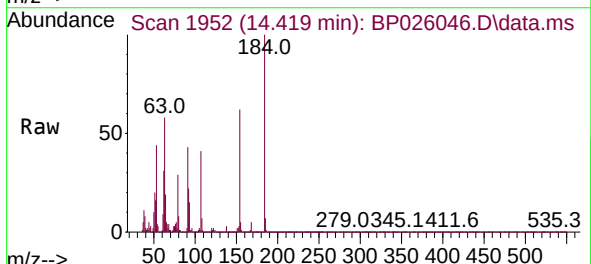
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

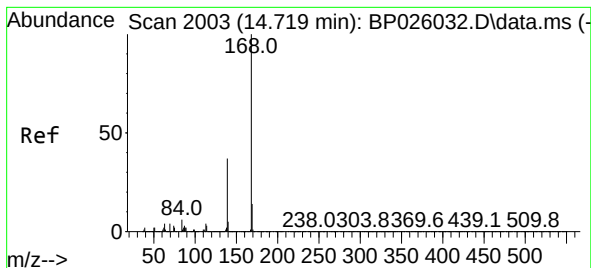
Tgt Ion:138 Resp: 223818
Ion Ratio Lower Upper
138 100
108 13.5 11.4 17.0
92 111.6 87.1 130.7



#54
2,4-Dinitrophenol
Concen: 83.488 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:184 Resp: 425174
Ion Ratio Lower Upper
184 100
63 57.8 49.0 73.4
154 61.9 51.0 76.6





#55

Dibenzofuran

Concen: 44.879 ng

RT: 14.731 min Scan# 20

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

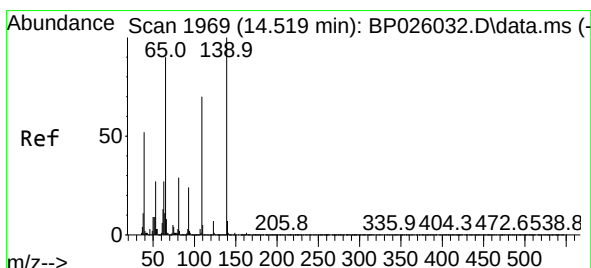
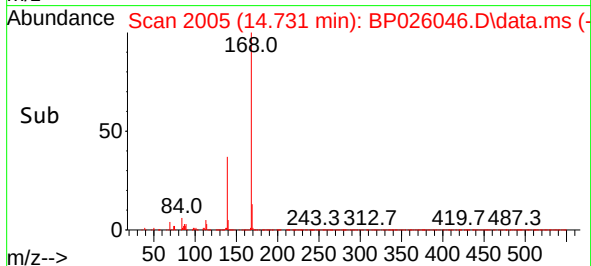
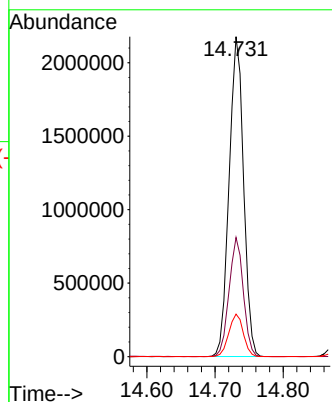
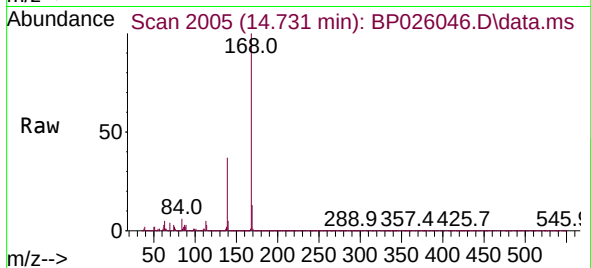
Tgt Ion:168 Resp: 3193776

Ion Ratio Lower Upper

168 100

139 37.2 29.7 44.5

169 13.3 11.0 16.4



#56

4-Nitrophenol

Concen: 77.128 ng

RT: 14.525 min Scan# 1970

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

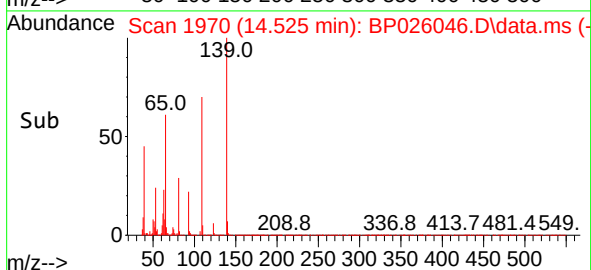
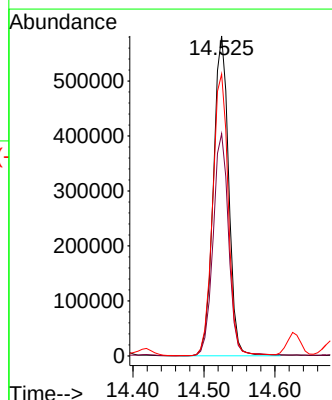
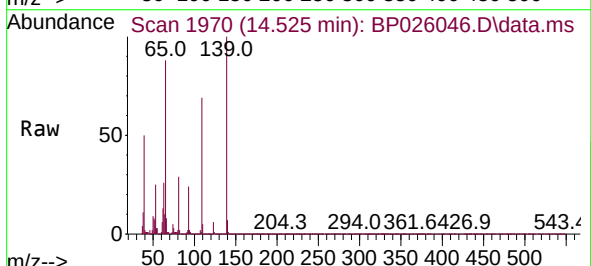
Tgt Ion:139 Resp: 874116

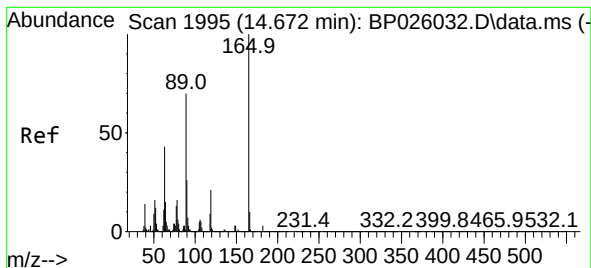
Ion Ratio Lower Upper

139 100

109 69.4 50.0 90.0

65 88.1 69.6 109.6

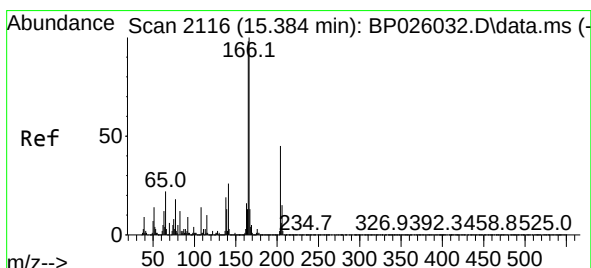
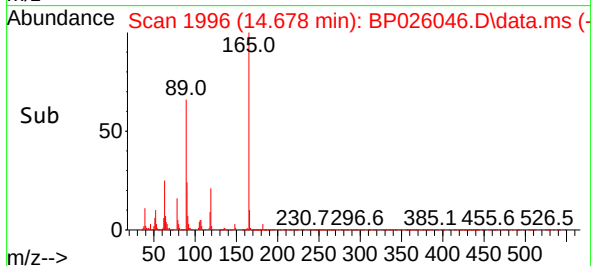
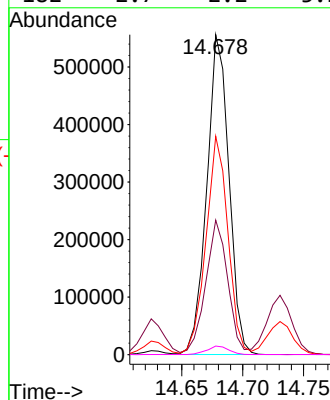
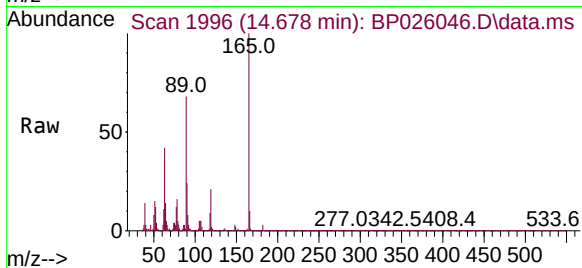




#57
2,4-Dinitrotoluene
Concen: 45.329 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

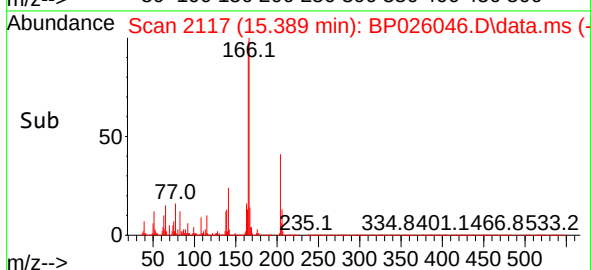
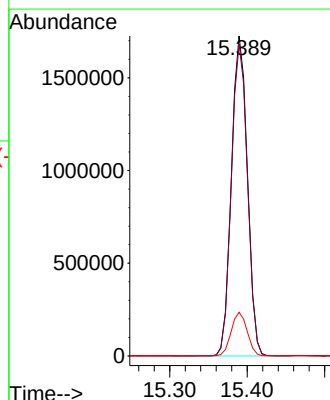
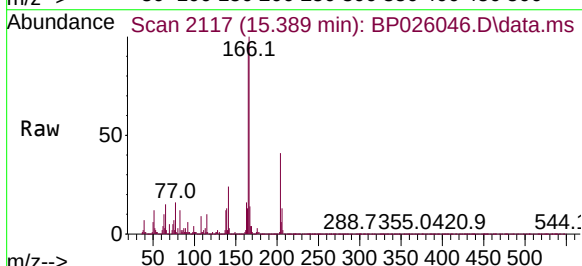
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

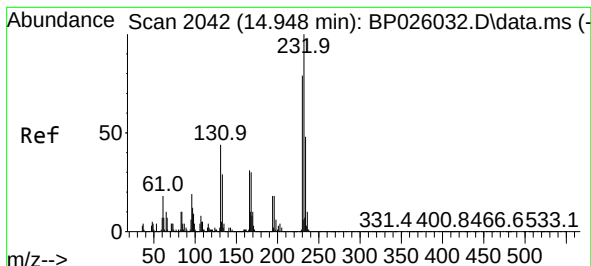
Tgt Ion:165 Resp: 703793
Ion Ratio Lower Upper
165 100
63 42.0 34.2 51.2
89 68.2 56.0 84.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.536 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:166 Resp: 2483022
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.6 10.6 16.0

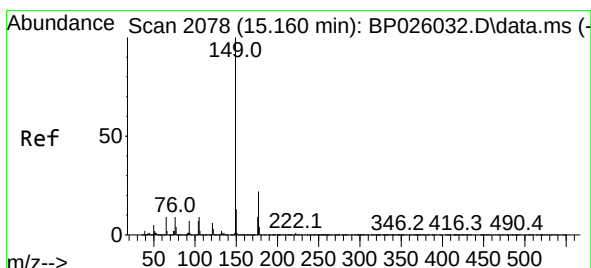
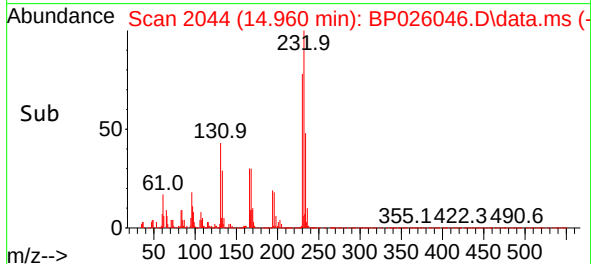
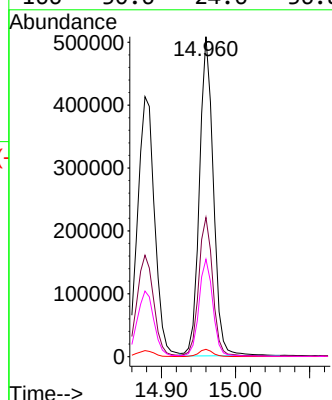
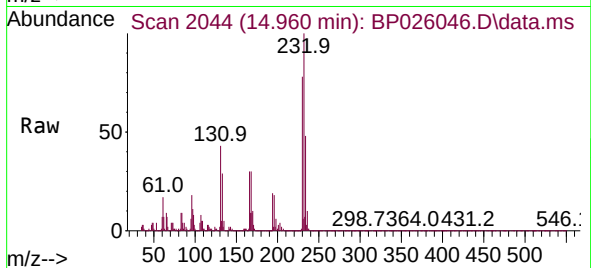




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.389 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

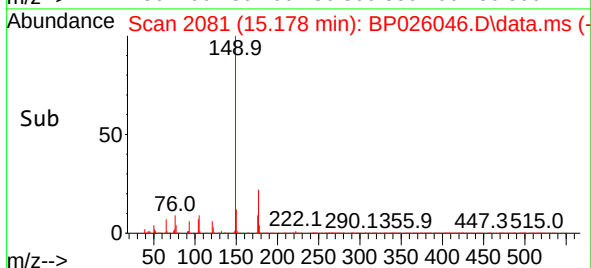
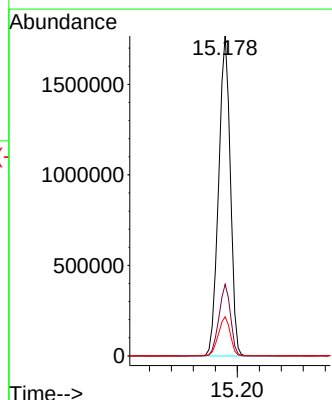
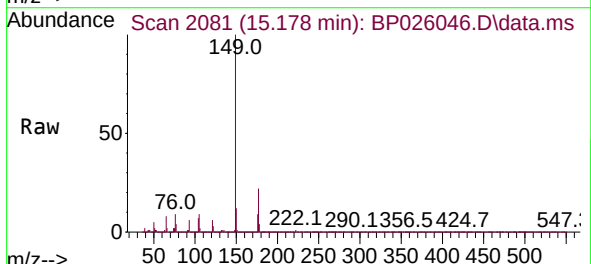
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

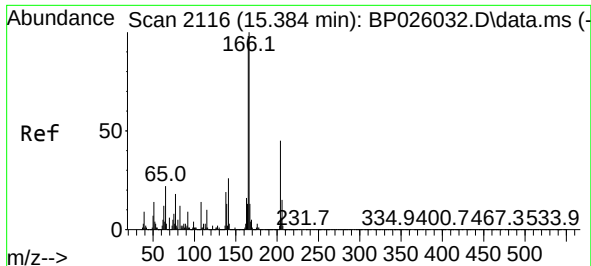
Tgt Ion:232 Resp: 661615
Ion Ratio Lower Upper
232 100
131 44.2 35.2 52.8
130 2.3 1.7 2.5
166 30.6 24.6 36.8



#60
Diethylphthalate
Concen: 45.604 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:149 Resp: 2605741
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.3 10.1 15.1

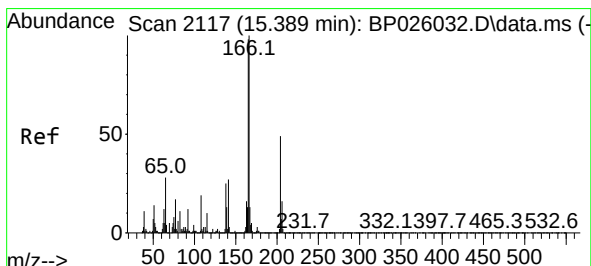
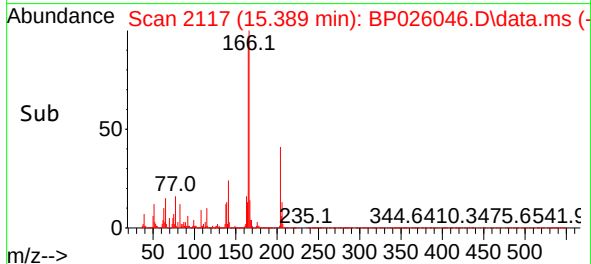
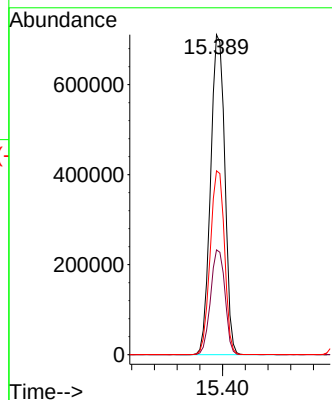
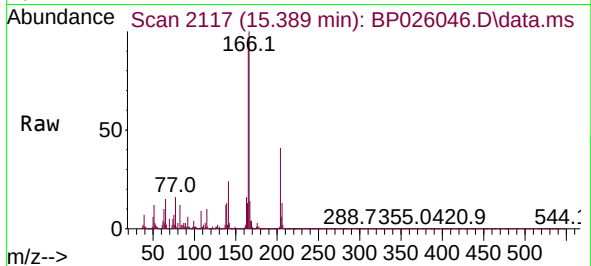




#61
4-Chlorophenyl-phenylether
Concen: 44.503 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

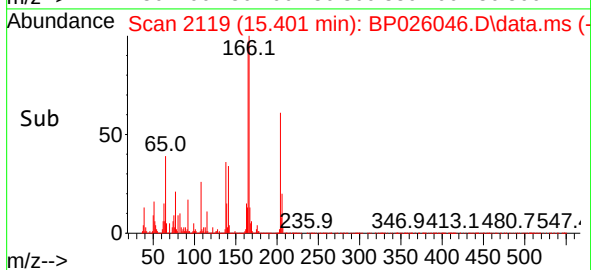
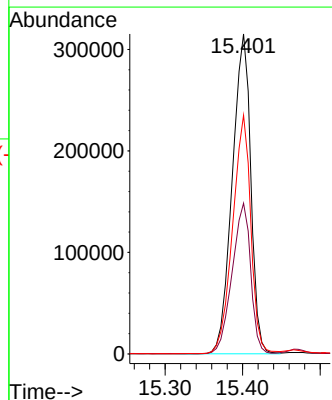
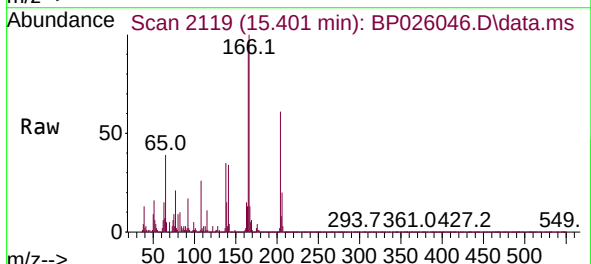
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

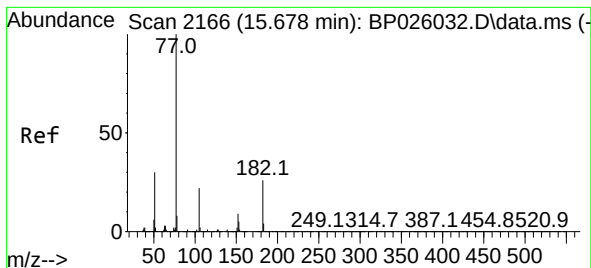
Tgt Ion:204 Resp: 1239056
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 57.4 47.0 70.4



#62
4-Nitroaniline
Concen: 43.120 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:138 Resp: 523698
Ion Ratio Lower Upper
138 100
92 47.1 28.2 68.2
108 74.6 56.0 96.0





#63

Azobenzene

Concen: 45.541 ng

RT: 15.695 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

Tgt Ion: 77 Resp: 2358288

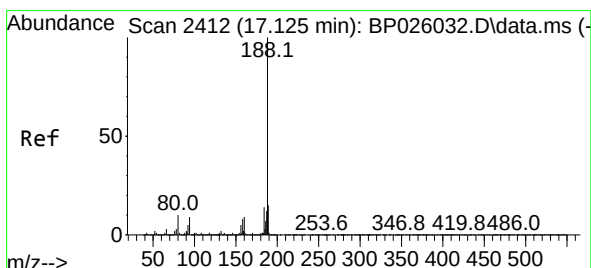
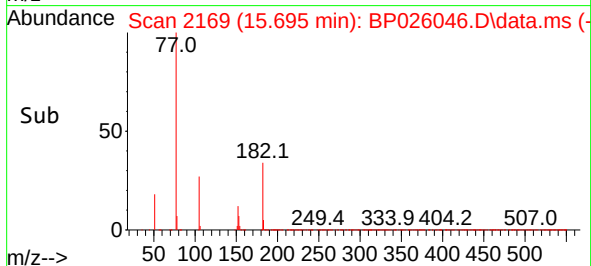
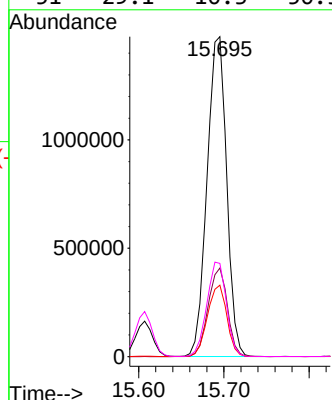
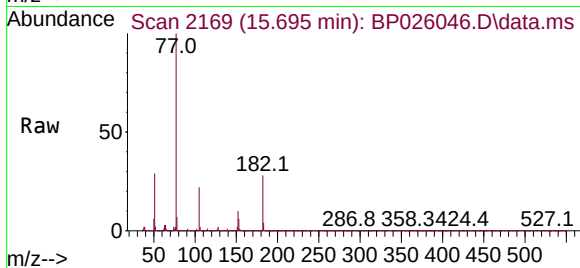
Ion Ratio Lower Upper

77 100

182 27.7 6.4 46.4

105 22.3 2.2 42.2

51 29.1 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: BP026046.D

Acq: 30 Oct 2025 17:46

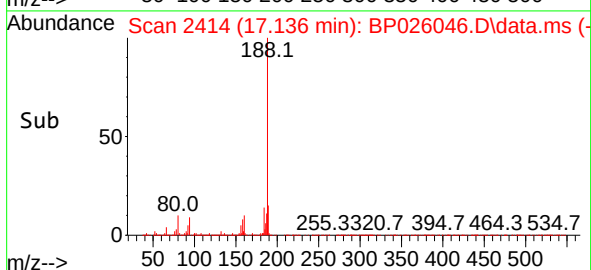
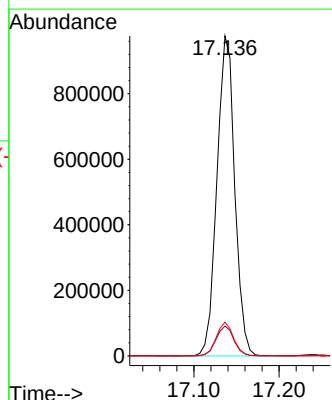
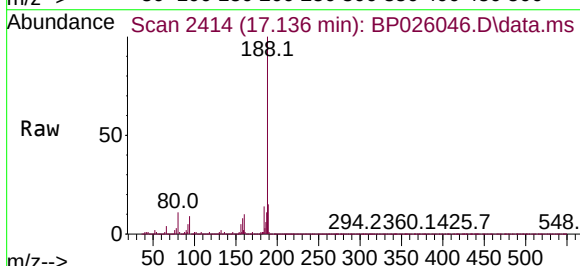
Tgt Ion:188 Resp: 1416067

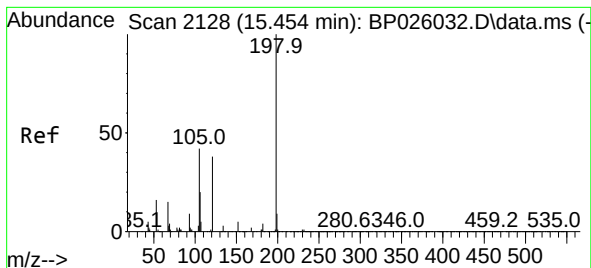
Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

80 10.5 7.9 11.9

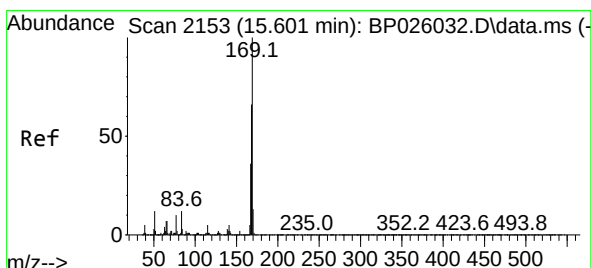
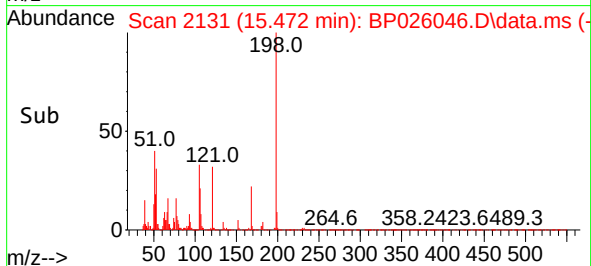
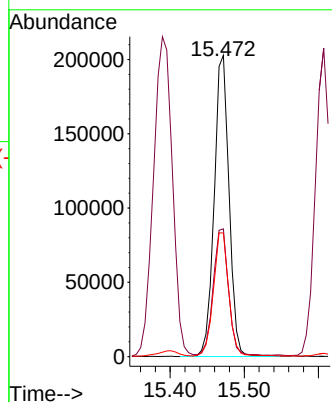
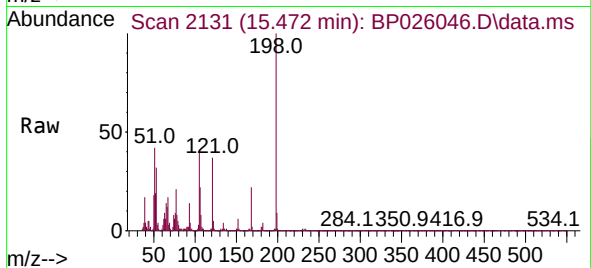




#65
4,6-Dinitro-2-methylphenol
Concen: 49.042 ng
RT: 15.472 min Scan# 211
Delta R.T. 0.018 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

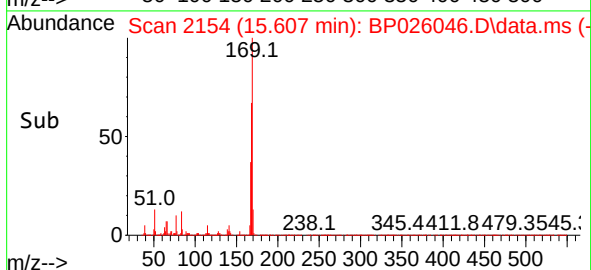
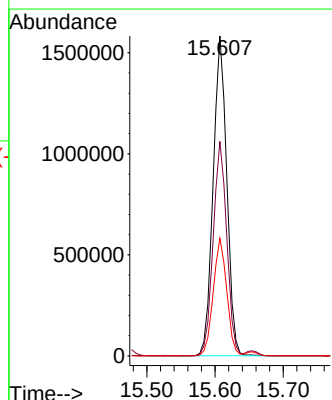
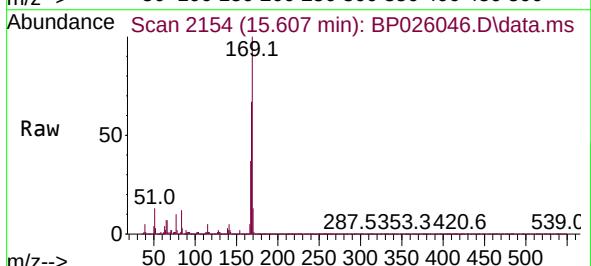
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

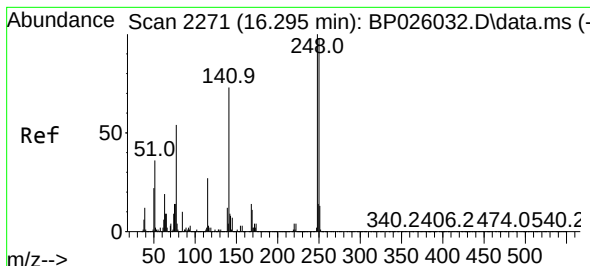
Tgt Ion:198 Resp: 282864
Ion Ratio Lower Upper
198 100
51 42.4 25.2 65.2
105 41.0 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 49.533 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:169 Resp: 2193065
Ion Ratio Lower Upper
169 100
168 67.0 52.9 79.3
167 36.7 28.9 43.3

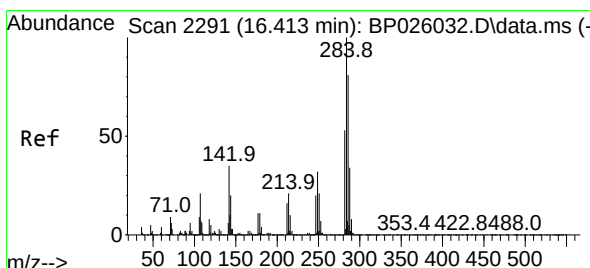
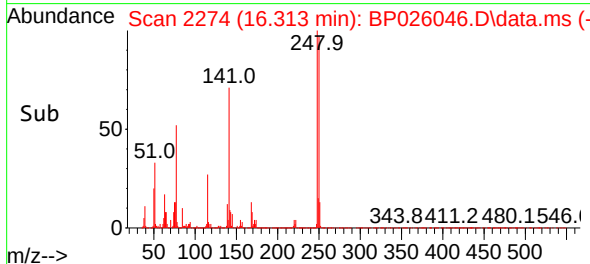
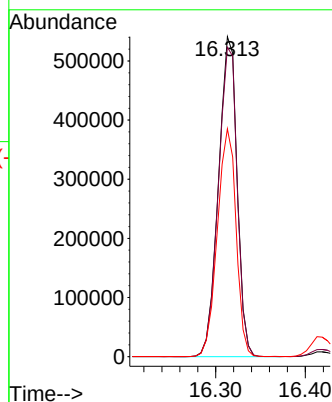
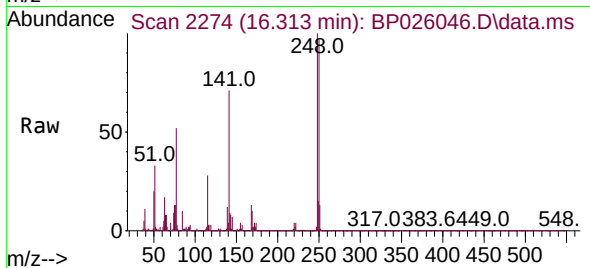




#67
4-Bromophenyl-phenylether
Concen: 49.714 ng
RT: 16.313 min Scan# 2274
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

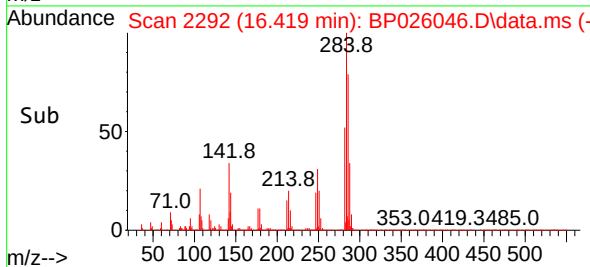
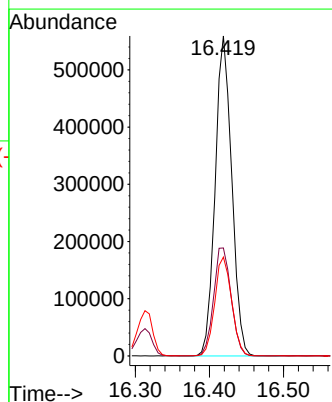
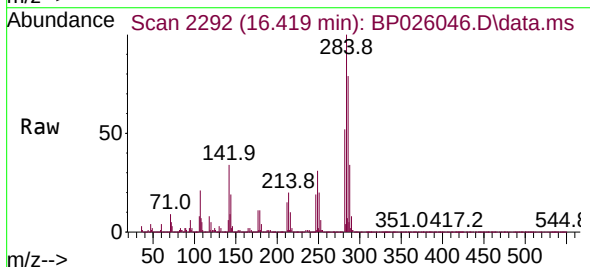
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

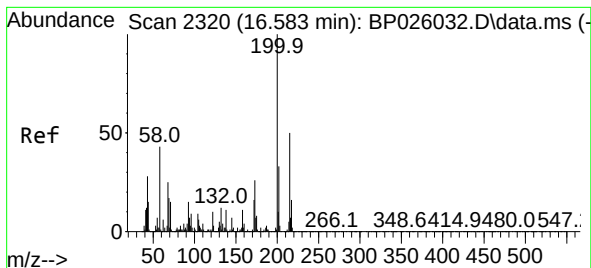
Tgt Ion:248 Resp: 780898
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 71.2 58.3 87.5



#68
Hexachlorobenzene
Concen: 48.522 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:284 Resp: 867648
Ion Ratio Lower Upper
284 100
142 33.8 27.7 41.5
249 30.9 25.5 38.3





#69

Atrazine

Concen: 52.043 ng

RT: 16.595 min Scan# 2320

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

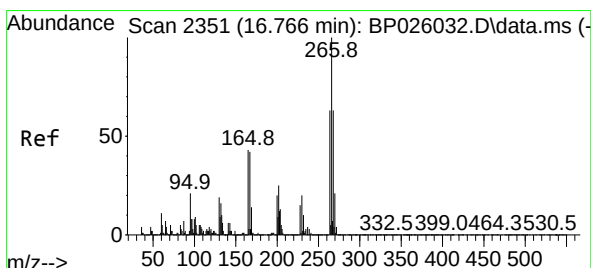
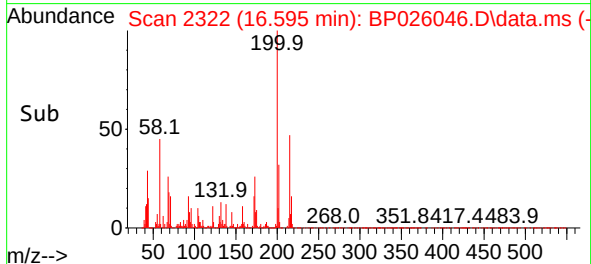
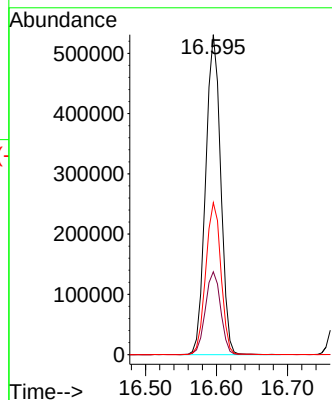
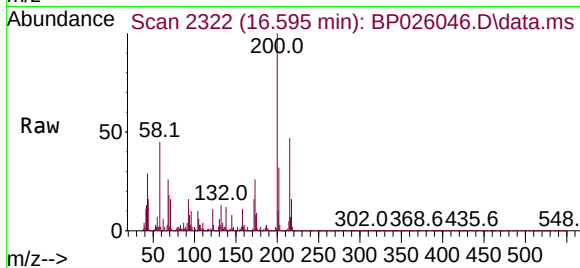
Tgt Ion:200 Resp: 777308

Ion Ratio Lower Upper

200 100

173 25.9 6.2 46.2

215 47.5 29.8 69.8



#70

Pentachlorophenol

Concen: 99.948 ng

RT: 16.778 min Scan# 2353

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

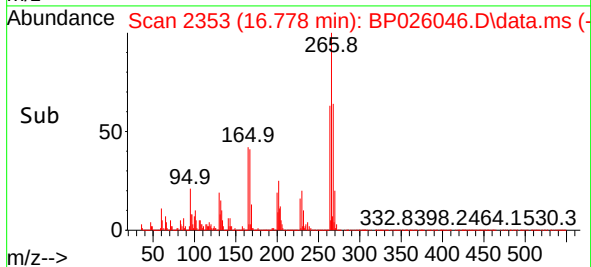
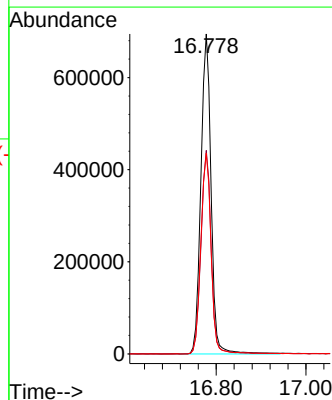
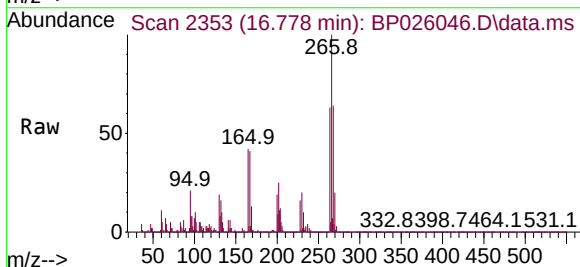
Tgt Ion:266 Resp: 1091670

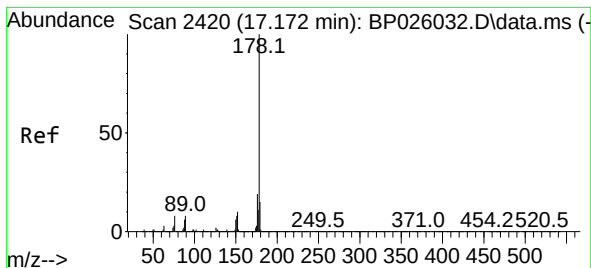
Ion Ratio Lower Upper

266 100

268 63.6 50.6 76.0

264 62.8 50.2 75.4





#71

Phenanthrene

Concen: 46.324 ng

RT: 17.184 min Scan# 2420

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

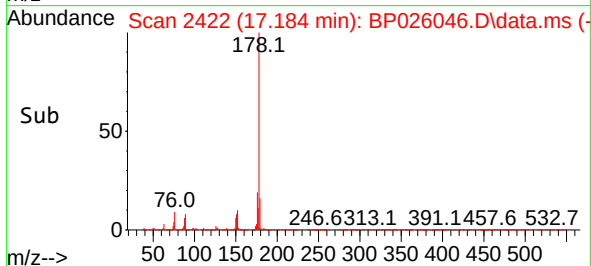
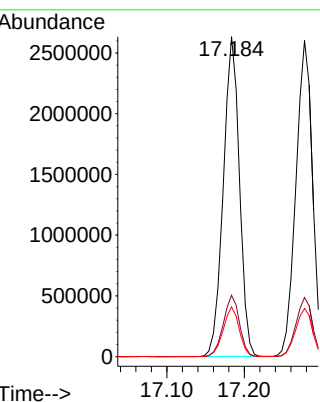
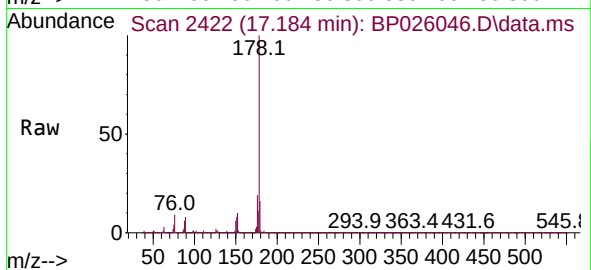
Tgt Ion:178 Resp: 3818161

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 12.3 18.5



#72

Anthracene

Concen: 47.103 ng

RT: 17.278 min Scan# 2438

Delta R.T. 0.018 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

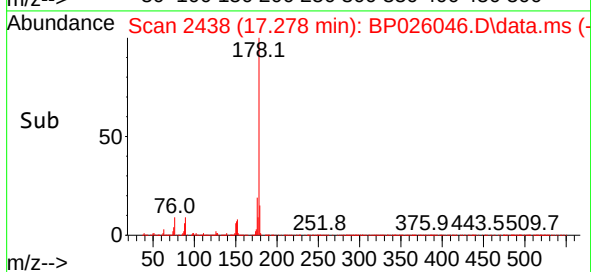
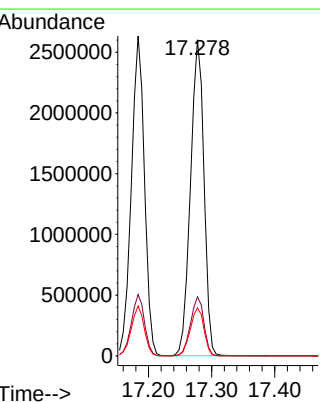
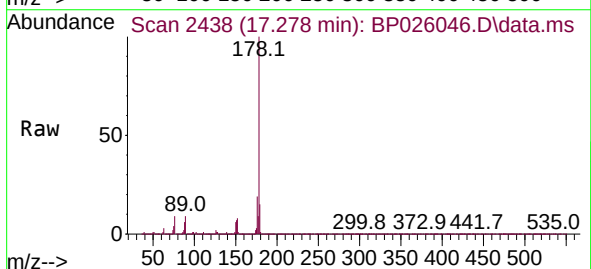
Tgt Ion:178 Resp: 3848400

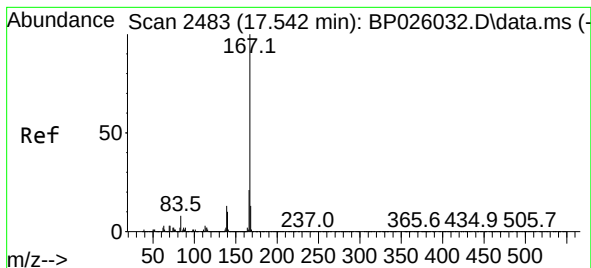
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.2 12.2 18.4





#73

Carbazole

Concen: 46.162 ng

RT: 17.560 min Scan# 2486

Delta R.T. 0.024 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

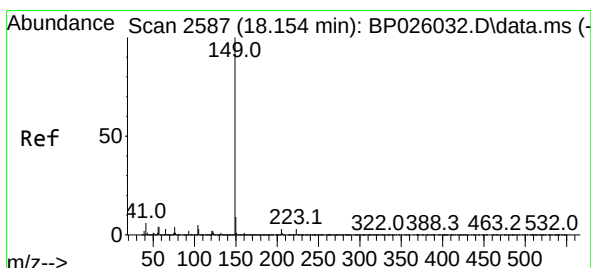
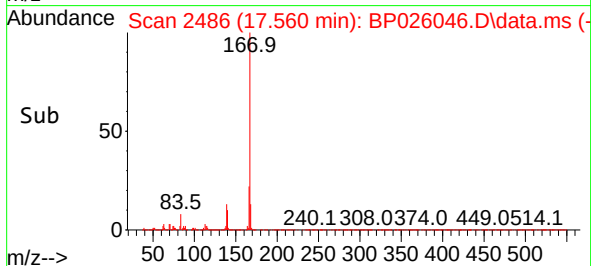
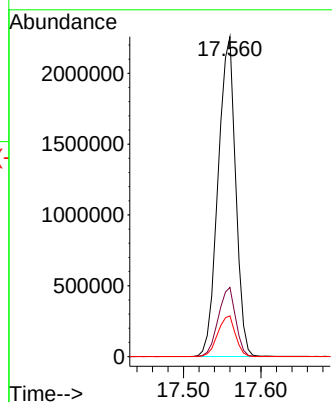
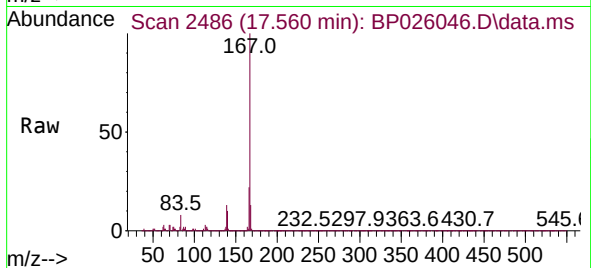
Tgt Ion:167 Resp: 3570117

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 50.587 ng

RT: 18.166 min Scan# 2589

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

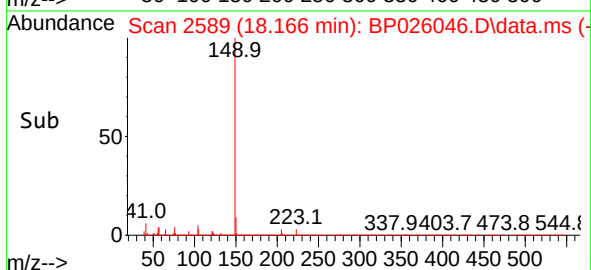
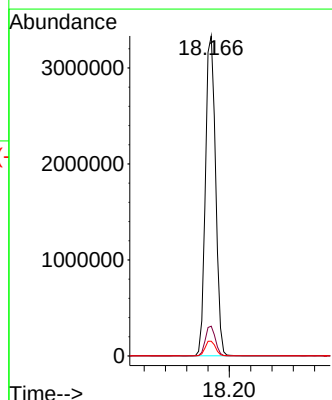
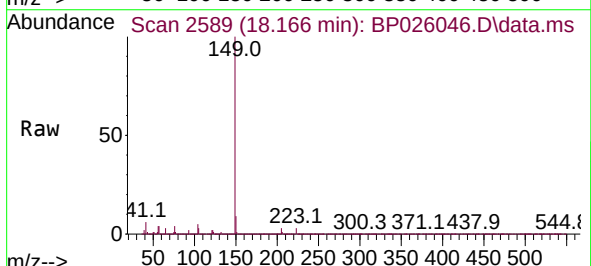
Tgt Ion:149 Resp: 4377760

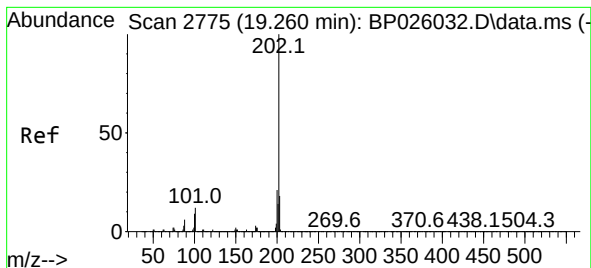
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.6 3.8 5.6

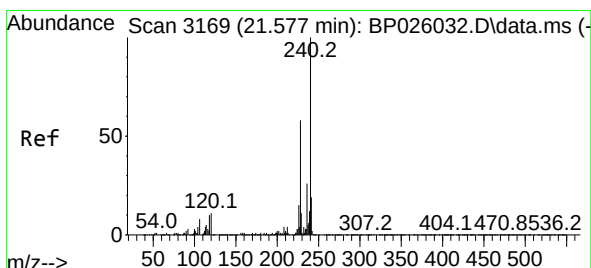
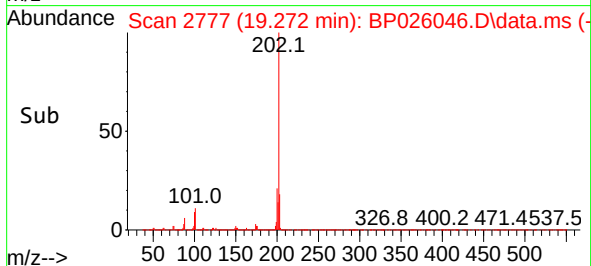
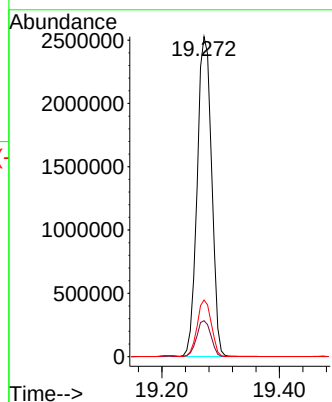
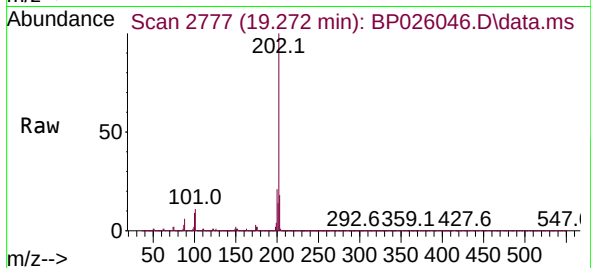




#75
Fluoranthene
Concen: 44.716 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

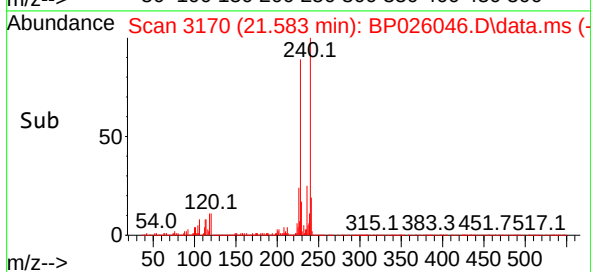
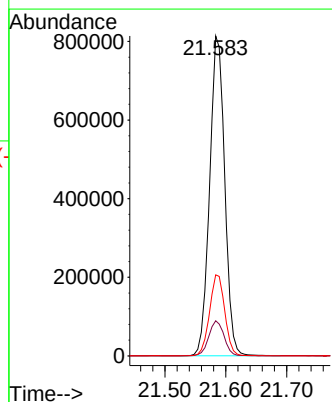
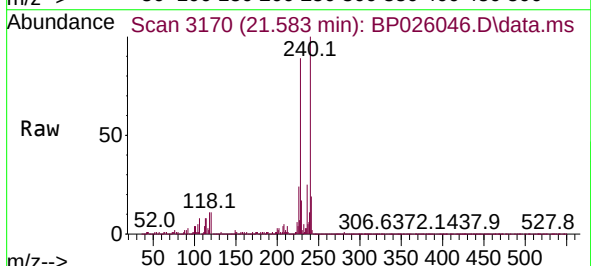
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

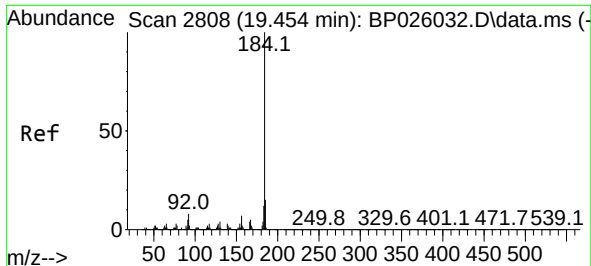
Tgt Ion:202 Resp: 4299258
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.1
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:240 Resp: 1402802
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.3 20.6 31.0

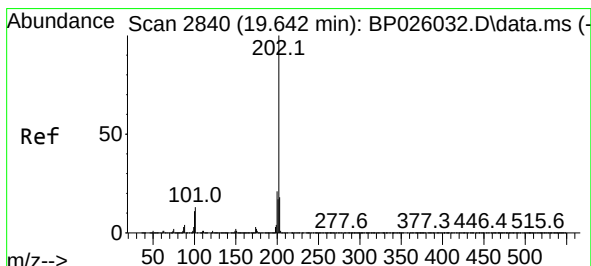
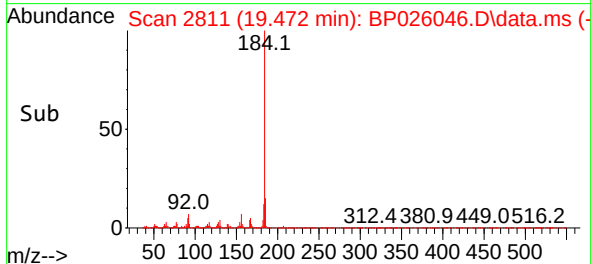
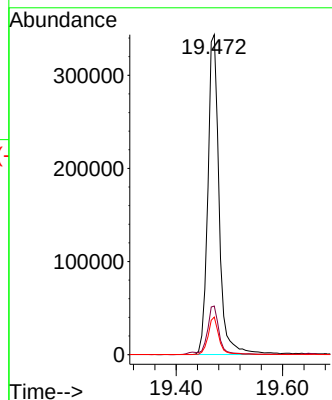
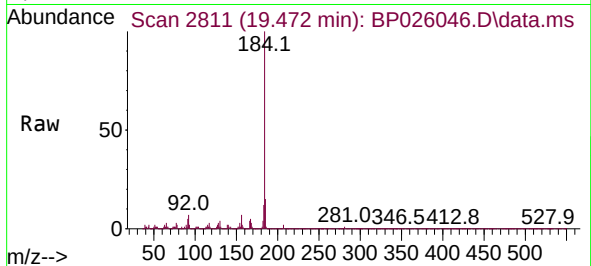




#77
Benzidine
Concen: 14.232 ng
RT: 19.472 min Scan# 2811
Delta R.T. 0.018 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

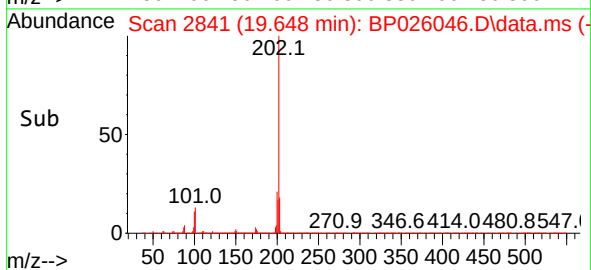
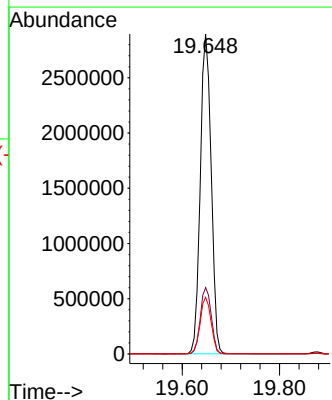
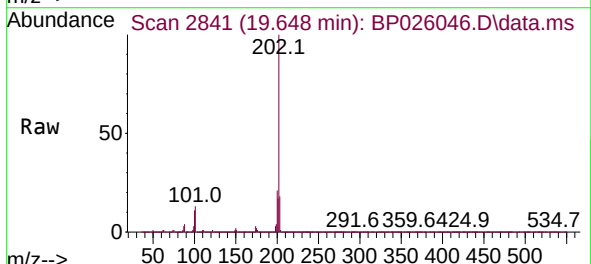
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

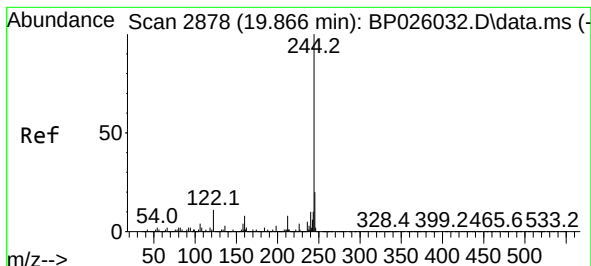
Tgt Ion:184 Resp: 506767
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 11.7 9.2 13.8



#78
Pyrene
Concen: 47.191 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:202 Resp: 4477409
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 96.997 ng

RT: 19.877 min Scan# 2878

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

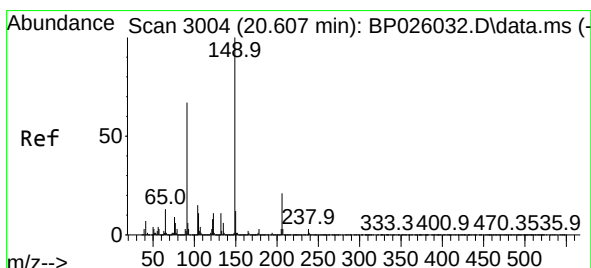
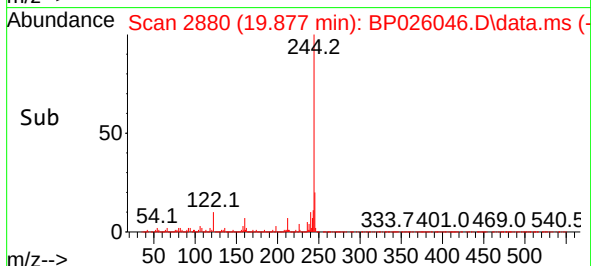
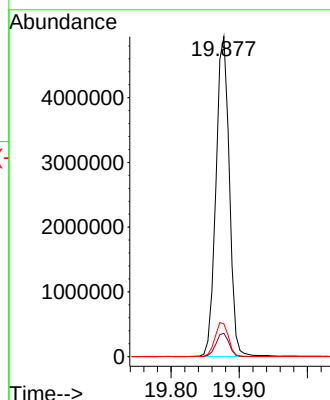
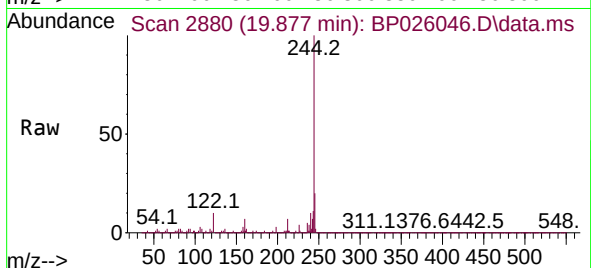
Tgt Ion:244 Resp: 6697259

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 49.053 ng

RT: 20.619 min Scan# 3006

Delta R.T. 0.012 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

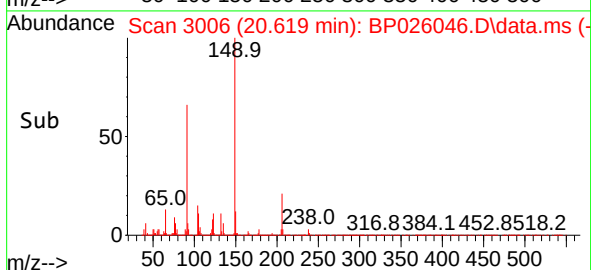
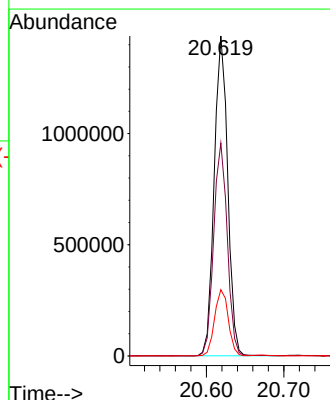
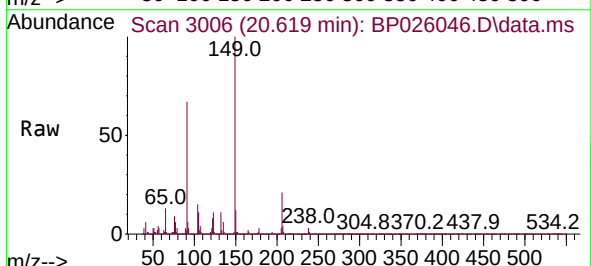
Tgt Ion:149 Resp: 1740459

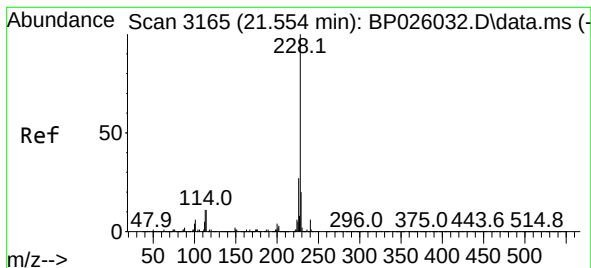
Ion Ratio Lower Upper

149 100

91 66.5 53.5 80.3

206 20.7 16.6 25.0





#81

Benzo(a)anthracene

Concen: 47.391 ng

RT: 21.566 min Scan# 3165

Delta R.T. 0.018 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

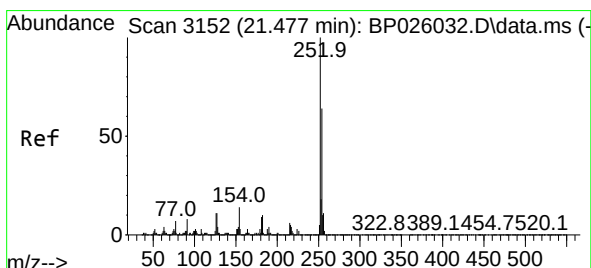
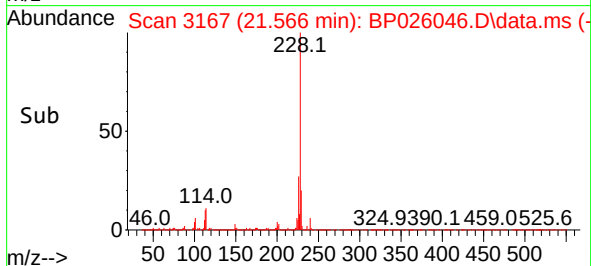
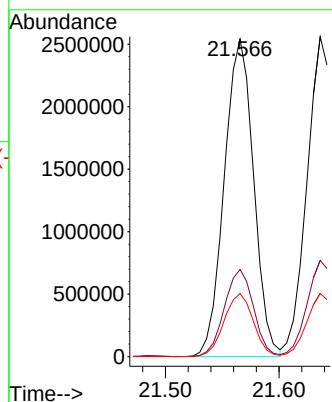
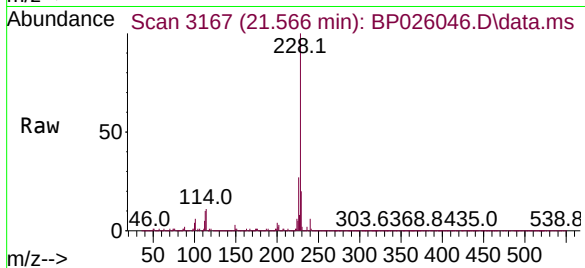
Tgt Ion:228 Resp: 4568338

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 21.626 ng

RT: 21.483 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

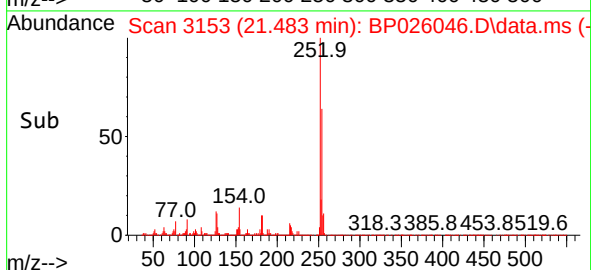
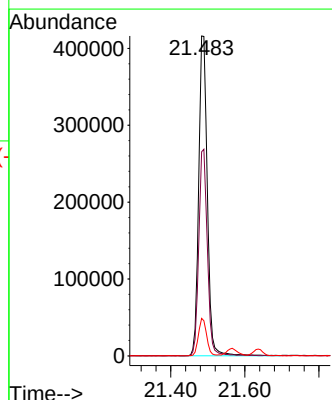
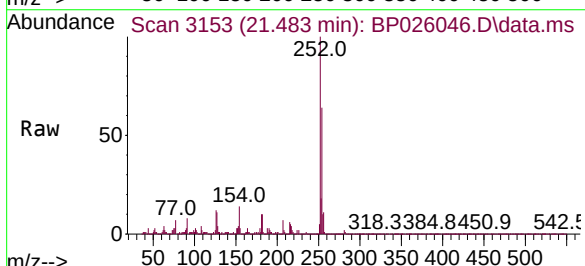
Tgt Ion:252 Resp: 671666

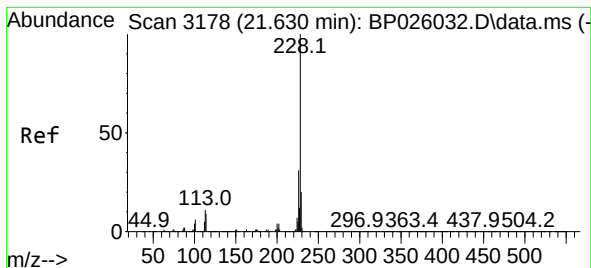
Ion Ratio Lower Upper

252 100

254 63.8 51.3 76.9

126 11.7 9.1 13.7





#83

Chrysene

Concen: 47.611 ng

RT: 21.636 min Scan# 3178

Delta R.T. 0.018 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

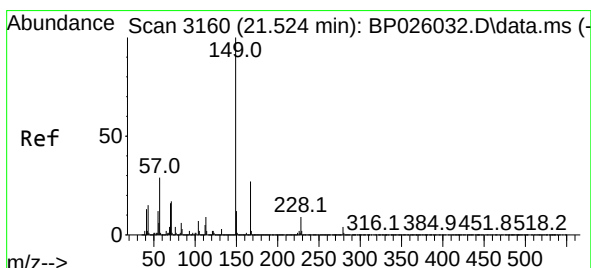
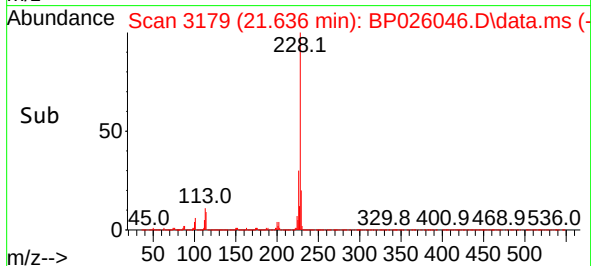
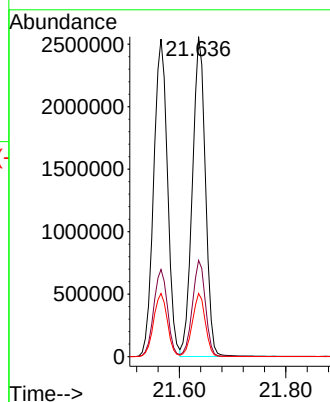
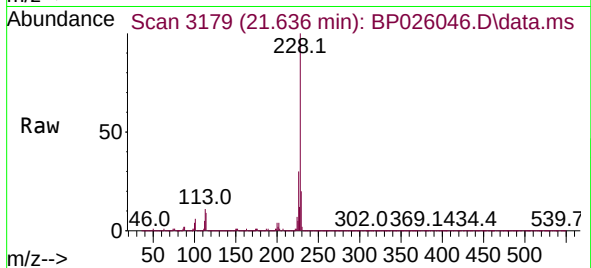
Tgt Ion:228 Resp: 4347558

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.001 ng

RT: 21.536 min Scan# 3162

Delta R.T. 0.018 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

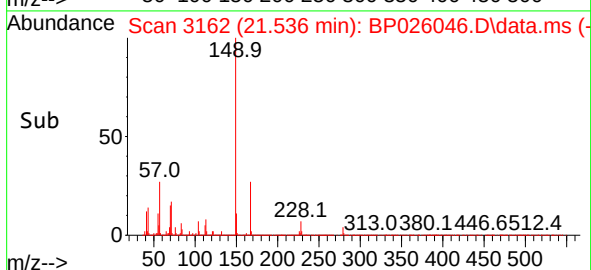
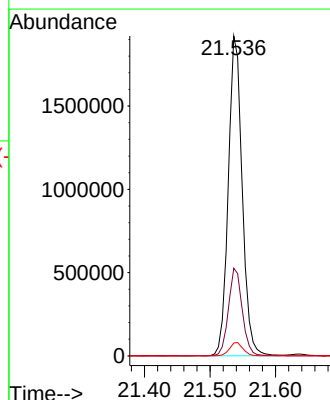
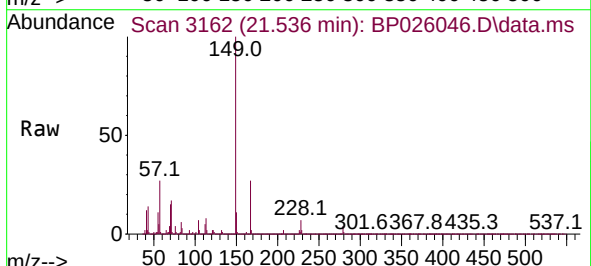
Tgt Ion:149 Resp: 2833297

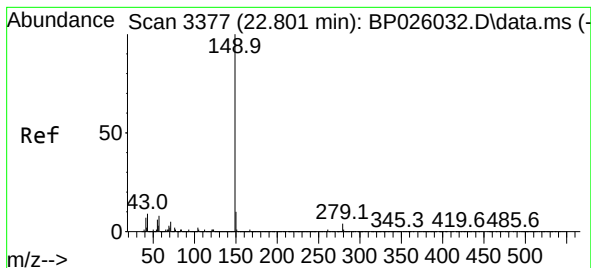
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 56.599 ng

RT: 22.819 min Scan# 3377

Delta R.T. 0.018 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

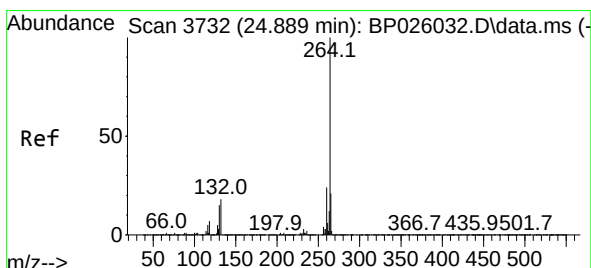
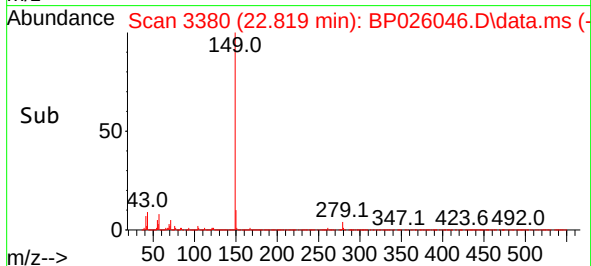
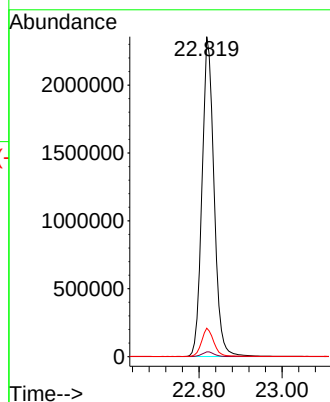
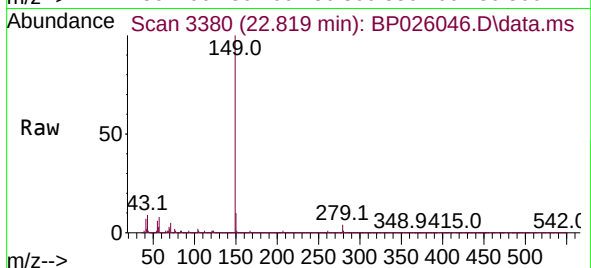
Tgt Ion:149 Resp: 4726358

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.913 min Scan# 3736

Delta R.T. 0.030 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

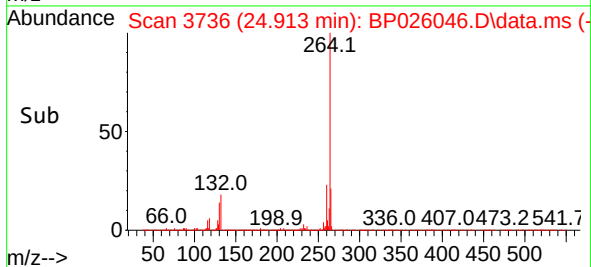
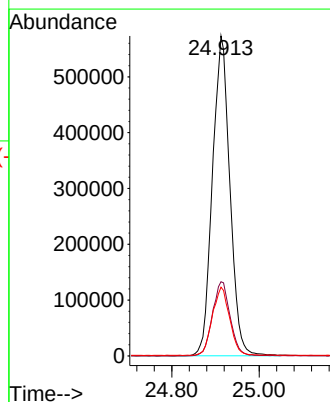
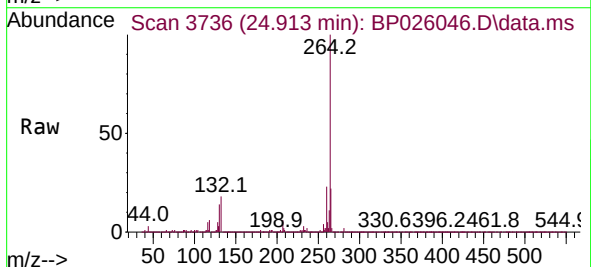
Tgt Ion:264 Resp: 1588883

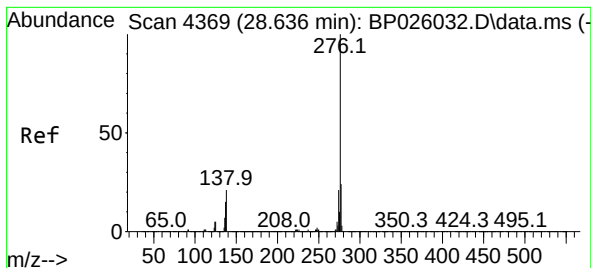
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.223 ng

RT: 28.683 min Scan# 4369

Delta R.T. 0.024 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

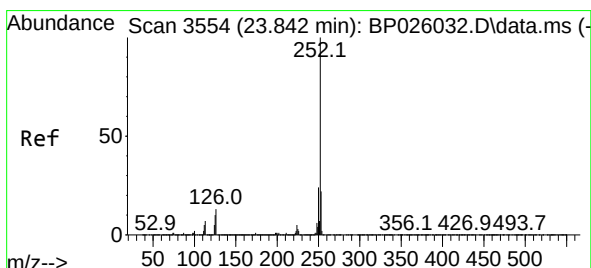
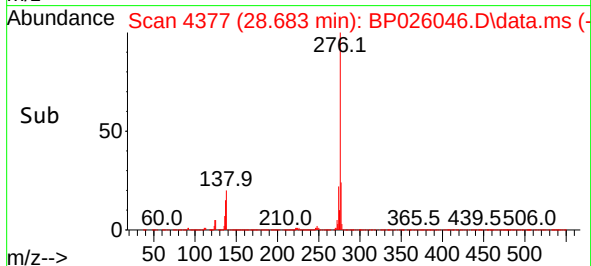
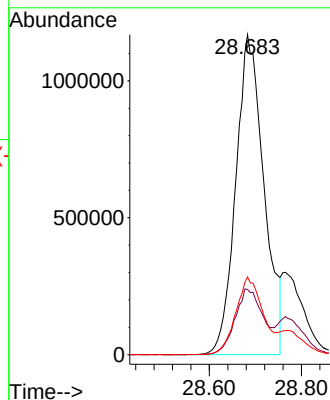
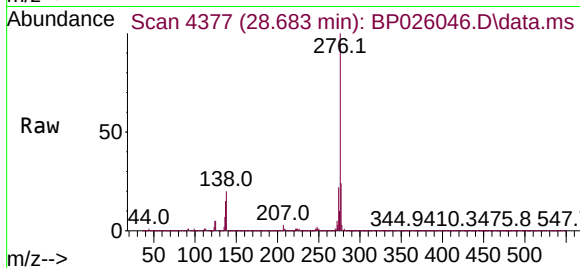
Tgt Ion:276 Resp: 4952874

Ion Ratio Lower Upper

276 100

138 20.9 13.2 19.8#

277 23.1 16.3 24.5



#88

Benzo(b)fluoranthene

Concen: 47.762 ng

RT: 23.854 min Scan# 3556

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

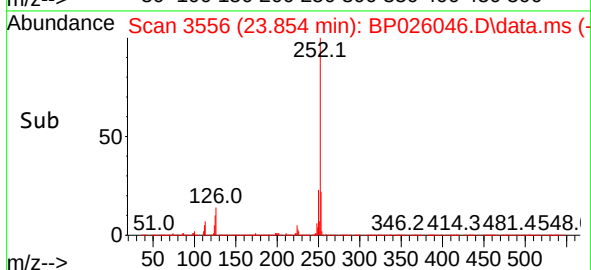
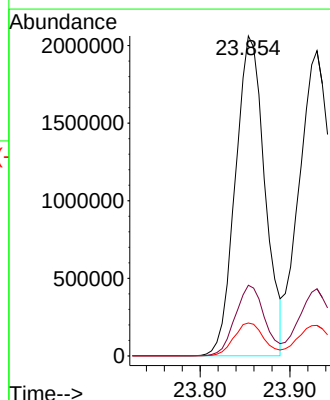
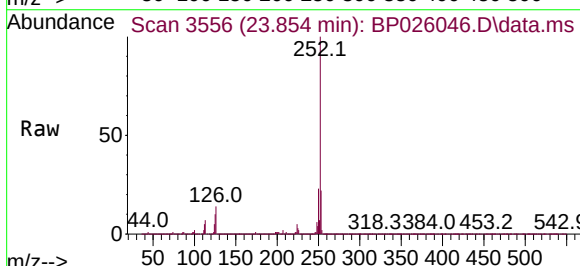
Tgt Ion:252 Resp: 4711061

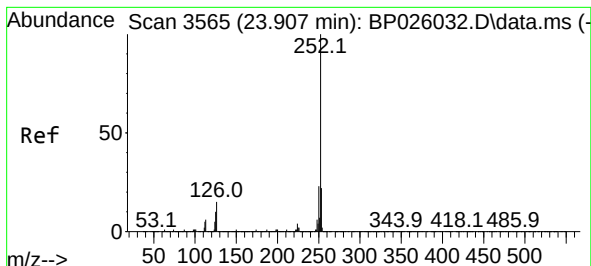
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.3 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 49.286 ng

RT: 23.930 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MS

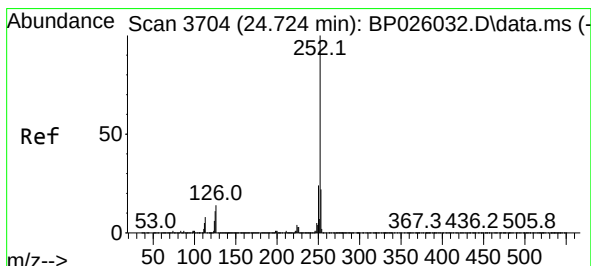
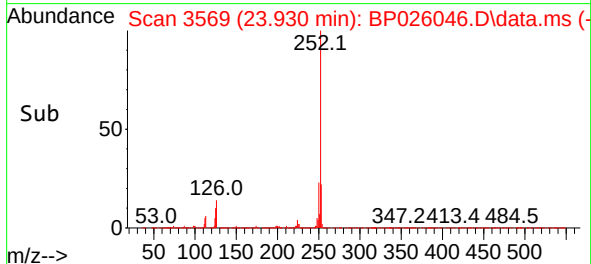
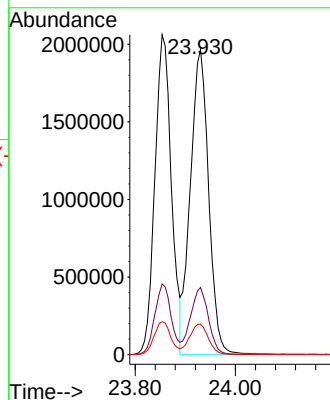
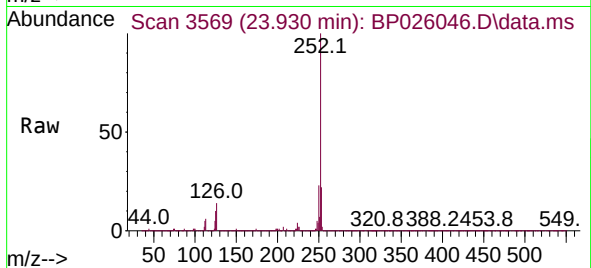
Tgt Ion:252 Resp: 4964333

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 50.929 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.006 min

Lab File: BP026046.D

Acq: 30 Oct 2025 17:46

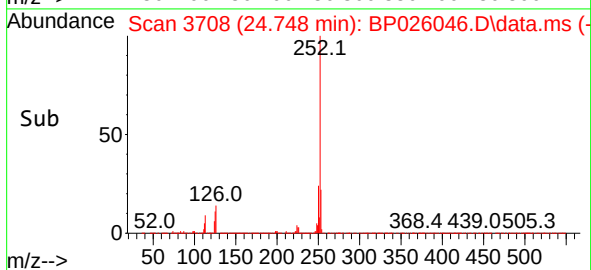
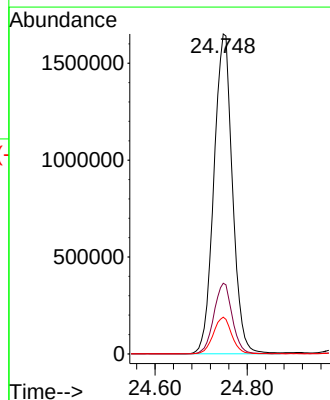
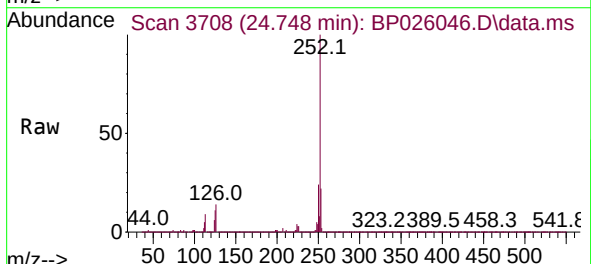
Tgt Ion:252 Resp: 4615072

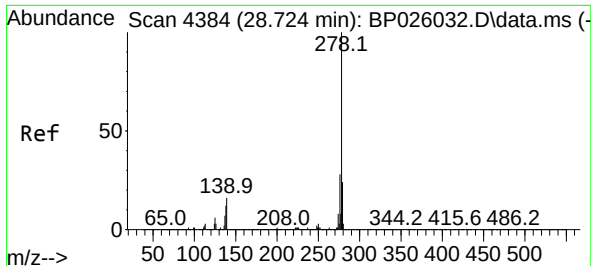
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.5 9.1 13.7

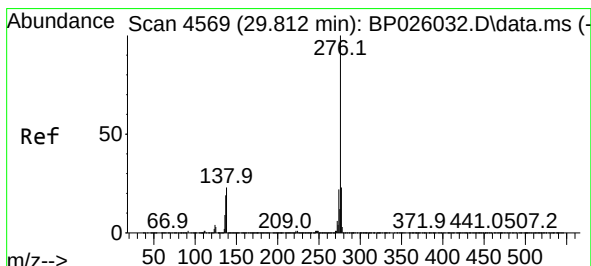
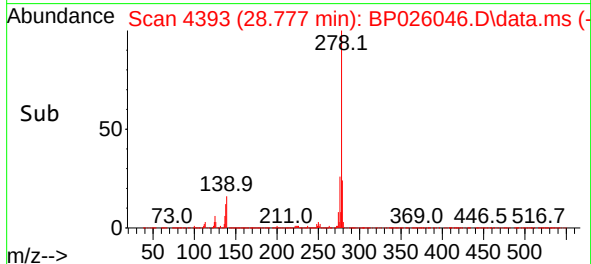
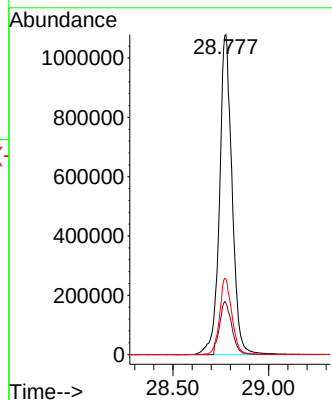
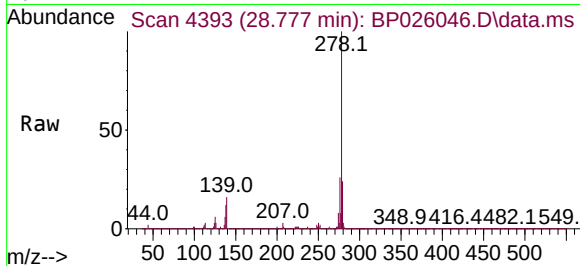




#91
Dibenzo(a,h)anthracene
Concen: 51.386 ng
RT: 28.777 min Scan# 4384
Delta R.T. 0.030 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MS

Tgt Ion:278 Resp: 4905244
Ion Ratio Lower Upper
278 100
139 16.1 13.0 19.6
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 51.880 ng
RT: 29.871 min Scan# 4579
Delta R.T. 0.041 min
Lab File: BP026046.D
Acq: 30 Oct 2025 17:46

Tgt Ion:276 Resp: 4765670
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 23.1 18.1 27.1

