

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
 Data File : BP026241.D
 Acq On : 05 Dec 2025 16:35
 Operator : RC/JU
 Sample : PB170836BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170836BS

Quant Time: Dec 05 17:00:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	246851	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	958252	20.000	ng	0.00
39) Acenaphthene-d10	14.290	164	591037	20.000	ng	0.00
64) Phenanthrene-d10	17.084	188	1169642	20.000	ng	-0.01
76) Chrysene-d12	21.530	240	1334531	20.000	ng	0.00
86) Perylene-d12	24.836	264	1379478	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1799735	117.213	ng	0.00
7) Phenol-d6	6.837	99	2193583	113.179	ng	0.00
23) Nitrobenzene-d5	8.796	82	1283243	76.225	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	978150	127.260	ng	0.00
45) 2-Fluorobiphenyl	12.896	172	3294690	81.046	ng	0.00
79) Terphenyl-d14	19.830	244	5265729	80.648	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.214	88	217781	34.880	ng	96
3) Pyridine	3.608	79	514173	28.674	ng	99
4) n-Nitrosodimethylamine	3.514	42	261625	39.124	ng	96
6) Aniline	6.990	93	610424	24.002	ng	99
8) 2-Chlorophenol	7.225	128	727582	41.701	ng	99
9) Benzaldehyde	6.808	77	284887	27.266	ng	98
10) Phenol	6.866	94	836581	40.127	ng	98
11) bis(2-Chloroethyl)ether	7.084	93	632050	38.668	ng	98
12) 1,3-Dichlorobenzene	7.549	146	763708	40.450	ng	100
13) 1,4-Dichlorobenzene	7.690	146	789940	41.519	ng	100
14) 1,2-Dichlorobenzene	8.002	146	757964	41.503	ng	99
15) Benzyl Alcohol	7.890	79	570379	40.483	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	877668	38.471	ng	99
17) 2-Methylphenol	8.096	107	571964	40.422	ng	99
18) Hexachloroethane	8.725	117	277112	40.097	ng	97
19) n-Nitroso-di-n-propyla...	8.455	70	457382	38.283	ng	98
20) 3+4-Methylphenols	8.419	107	781143	39.978	ng	99
22) Acetophenone	8.460	105	1097177	45.139	ng	# 99
24) Nitrobenzene	8.831	77	687610	40.408	ng	100
25) Isophorone	9.360	82	1319296	39.944	ng	99
26) 2-Nitrophenol	9.537	139	362109	42.088	ng	98
27) 2,4-Dimethylphenol	9.602	122	634193	41.646	ng	96
28) bis(2-Chloroethoxy)met...	9.837	93	824490	39.721	ng	99
29) 2,4-Dichlorophenol	10.072	162	678138	43.697	ng	98
30) 1,2,4-Trichlorobenzene	10.284	180	717967	45.006	ng	99
31) Naphthalene	10.466	128	2119079	40.905	ng	99
32) Benzoic acid	9.737	122	494066	40.501	ng	99
33) 4-Chloroaniline	10.572	127	539805	24.872	ng	99
34) Hexachlorobutadiene	10.760	225	454402	43.626	ng	99
35) Caprolactam	11.354	113	212120	38.707	ng	96
36) 4-Chloro-3-methylphenol	11.713	107	687724	42.117	ng	97
37) 2-Methylnaphthalene	12.084	142	1360825	37.271	ng	99
38) 1-Methylnaphthalene	12.307	142	1407711	39.464	ng	100
40) 1,2,4,5-Tetrachloroben...	12.454	216	883405	48.963	ng	100
41) Hexachlorocyclopentadiene	12.443	237	902859	80.223	ng	99
43) 2,4,6-Trichlorophenol	12.696	196	552461	45.055	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
 Data File : BP026241.D
 Acq On : 05 Dec 2025 16:35
 Operator : RC/JU
 Sample : PB170836BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170836BS

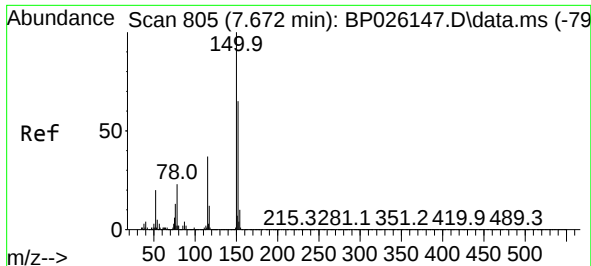
Quant Time: Dec 05 17:00:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	604939	44.297	ng	98
46) 1,1'-Biphenyl	13.101	154	2118580	47.470	ng	100
47) 2-Chloronaphthalene	13.143	162	1481147	42.124	ng	99
48) 2-Nitroaniline	13.343	65	409725	42.544	ng	96
49) Acenaphthylene	14.001	152	2476601	42.921	ng	99
50) Dimethylphthalate	13.737	163	1889650	42.908	ng	100
51) 2,6-Dinitrotoluene	13.848	165	410146	47.126	ng	97
52) Acenaphthene	14.348	154	1379964	40.901	ng	100
53) 3-Nitroaniline	14.178	138	322133	31.664	ng	98
54) 2,4-Dinitrophenol	14.390	184	367799	79.267	ng	100
55) Dibenzofuran	14.690	168	2228951	42.481	ng	99
56) 4-Nitrophenol	14.507	139	733523	80.748	ng	96
57) 2,4-Dinitrotoluene	14.654	165	577338	44.594	ng	95
58) Fluorene	15.348	166	1779817	42.878	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	537578	46.507	ng	99
60) Diethylphthalate	15.131	149	1903681	43.098	ng	100
61) 4-Chlorophenyl-phenyle...	15.348	204	899672	43.469	ng	98
62) 4-Nitroaniline	15.360	138	405058	38.363	ng	96
63) Azobenzene	15.654	77	1565123	42.139	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	303027	43.865	ng	96
66) n-Nitrosodiphenylamine	15.572	169	1604369	44.364	ng	99
67) 4-Bromophenyl-phenylether	16.266	248	591340	45.604	ng	98
68) Hexachlorobenzene	16.378	284	686475	45.552	ng	97
69) Atrazine	16.548	200	603675	44.397	ng	99
70) Pentachlorophenol	16.731	266	947333	90.614	ng	100
71) Phenanthrene	17.131	178	2877172	43.635	ng	100
72) Anthracene	17.225	178	2891480	43.054	ng	99
73) Carbazole	17.507	167	2745693	43.184	ng	100
74) Di-n-butylphthalate	18.107	149	3299537	43.926	ng	100
75) Fluoranthene	19.230	202	3452143	43.019	ng	98
77) Benzidine	19.425	184	583867	13.935	ng	99
78) Pyrene	19.601	202	3651758	41.991	ng	99
80) Butylbenzylphthalate	20.566	149	1614468	42.300	ng	99
81) Benzo(a)anthracene	21.513	228	3878508	42.367	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	1110348	33.336	ng	99
83) Chrysene	21.583	228	3751903	43.284	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2500838	43.560	ng	99
85) Di-n-octyl phthalate	22.736	149	4342059	42.899	ng	99
87) Indeno(1,2,3-cd)pyrene	28.565	276	4860849	46.624	ng	# 94
88) Benzo(b)fluoranthene	23.789	252	4092938	48.820	ng	99
89) Benzo(k)fluoranthene	23.854	252	4111490	49.026	ng	100
90) Benzo(a)pyrene	24.665	252	3915475	49.252	ng	99
91) Dibenzo(a,h)anthracene	28.636	278	4025300	47.205	ng	98
92) Benzo(g,h,i)perylene	29.742	276	3964946	46.642	ng	98

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

Quant Time: Dec 05 17:00:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

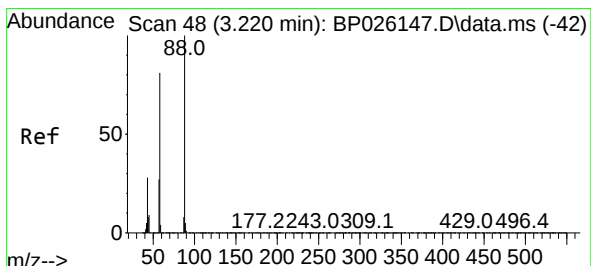
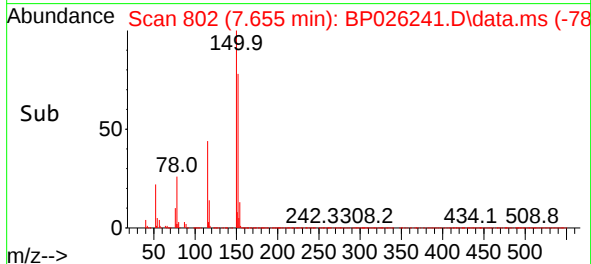
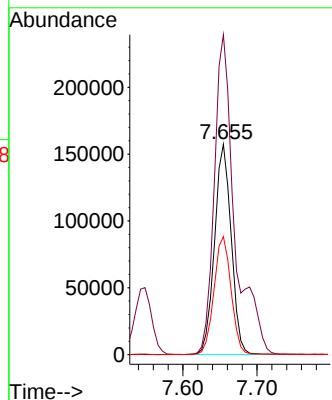
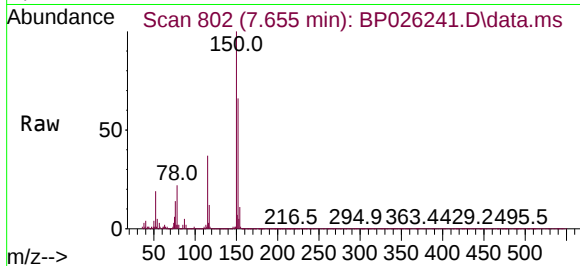




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.655 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP026241.D
 Acq: 05 Dec 2025 16:35

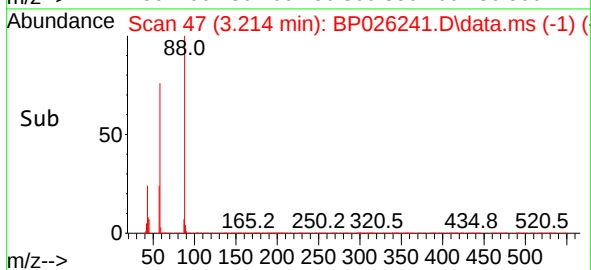
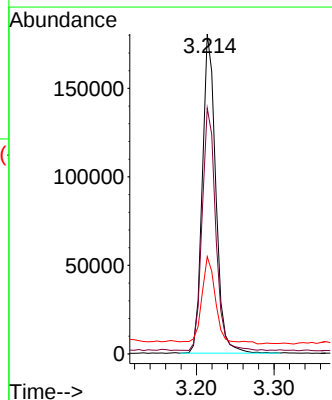
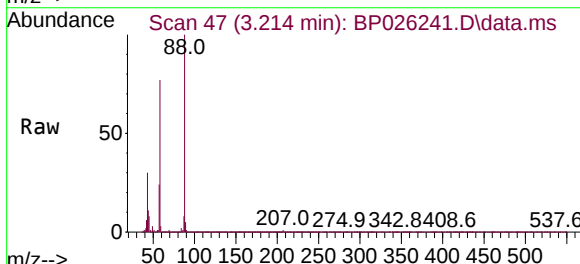
Instrument :
 BNA_P
 ClientSampleId :
 PB170836BS

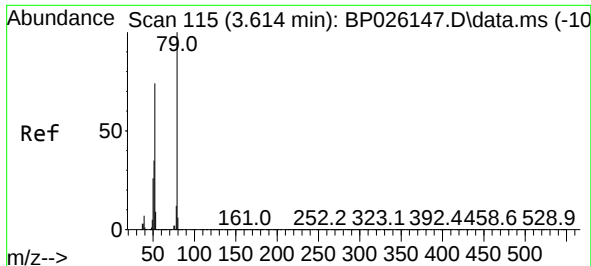
Tgt Ion:152 Resp: 246851
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.0 184.6
 115 56.2 46.3 69.5



#2
 1,4-Dioxane
 Concen: 34.880 ng
 RT: 3.214 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: BP026241.D
 Acq: 05 Dec 2025 16:35

Tgt Ion: 88 Resp: 217781
 Ion Ratio Lower Upper
 88 100
 58 76.5 64.2 96.4
 43 25.4 21.5 32.3

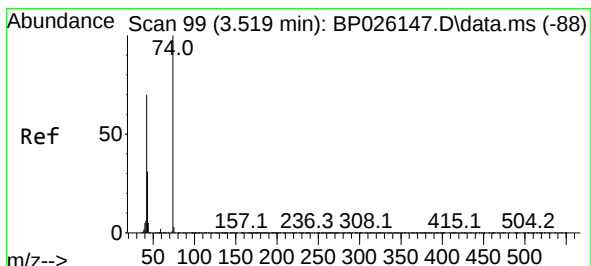
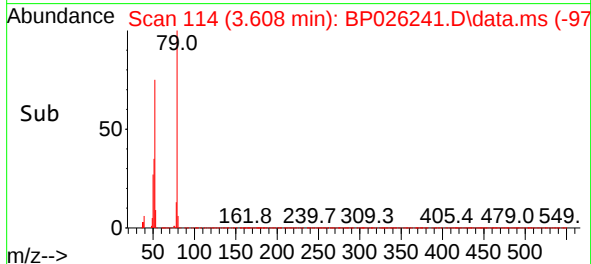
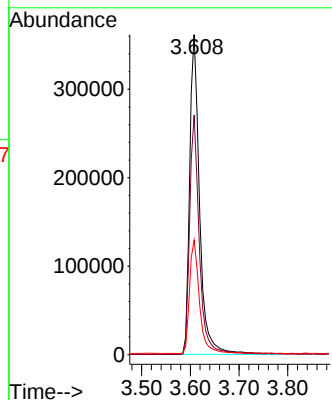
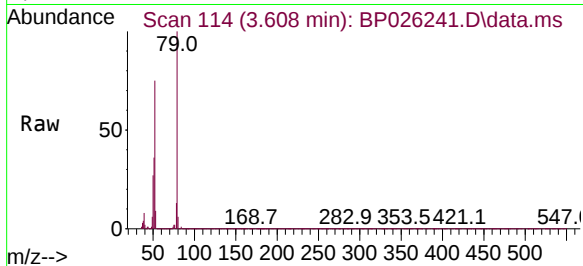




#3
Pyridine
Concen: 28.674 ng
RT: 3.608 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

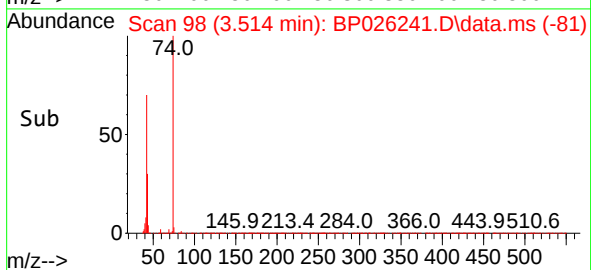
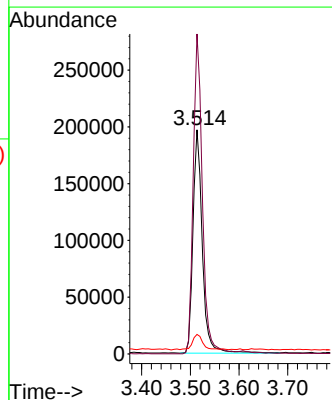
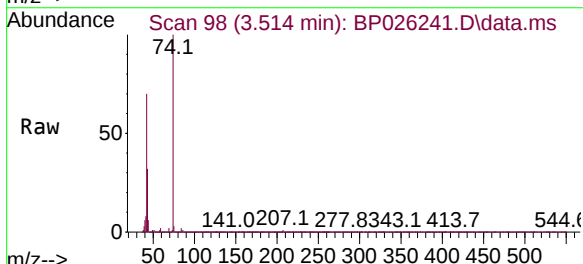
Instrument :
BNA_P
ClientSampleId :
PB170836BS

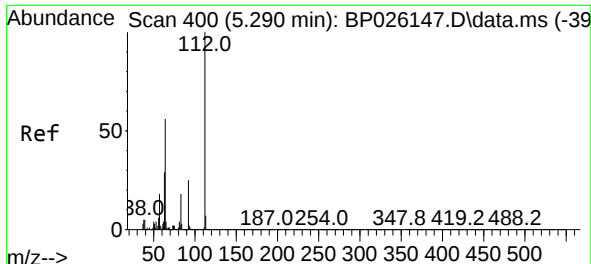
Tgt Ion: 79 Resp: 514173
Ion Ratio Lower Upper
79 100
52 74.8 60.2 90.2
51 35.8 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 39.124 ng
RT: 3.514 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion: 42 Resp: 261625
Ion Ratio Lower Upper
42 100
74 142.8 118.1 177.1
44 8.7 6.2 9.4

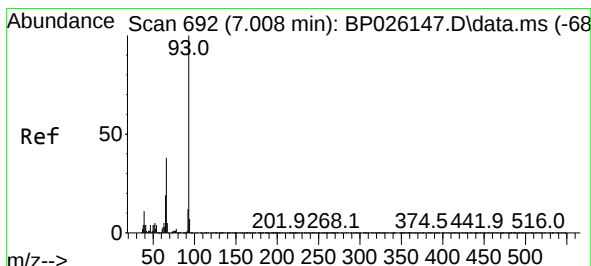
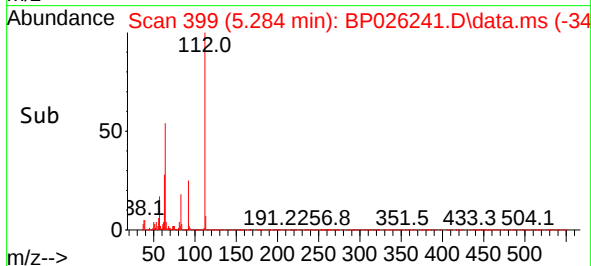
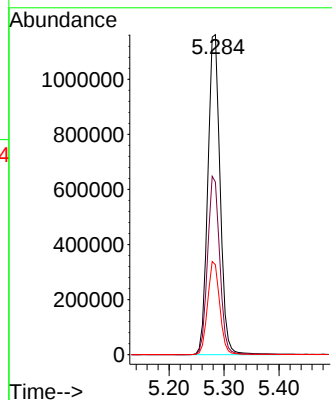
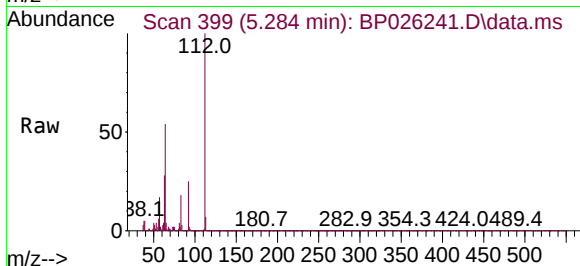




#5
2-Fluorophenol
Concen: 117.213 ng
RT: 5.284 min Scan# 39
Delta R.T. 0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

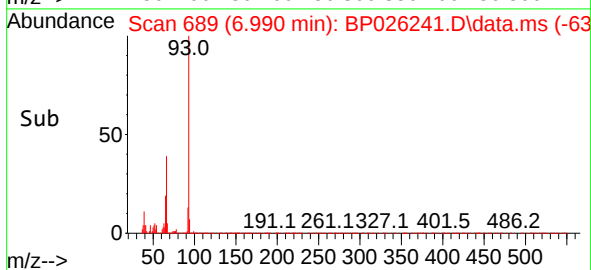
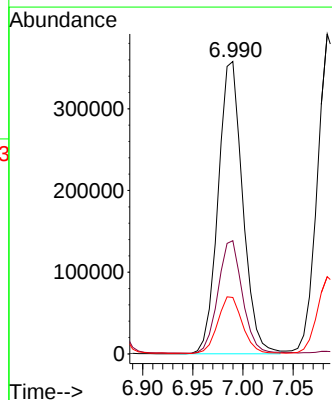
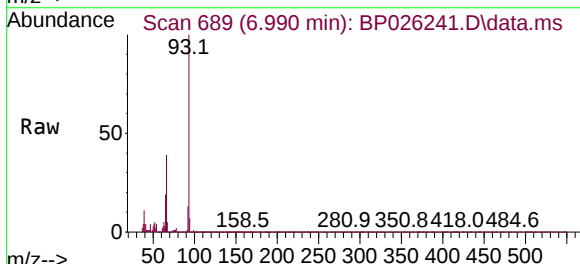
Instrument :
BNA_P
ClientSampleId :
PB170836BS

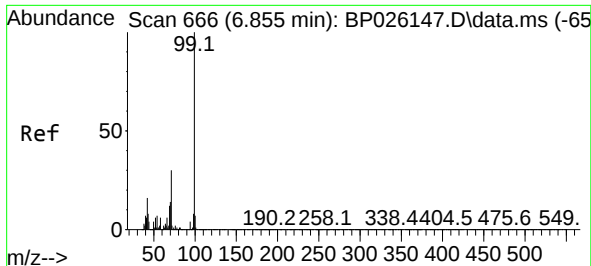
Tgt Ion:112 Resp: 1799735
Ion Ratio Lower Upper
112 100
64 53.9 45.8 68.6
63 28.1 23.5 35.3



#6
Aniline
Concen: 24.002 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion: 93 Resp: 610424
Ion Ratio Lower Upper
93 100
66 38.8 31.7 47.5
65 19.3 15.8 23.6

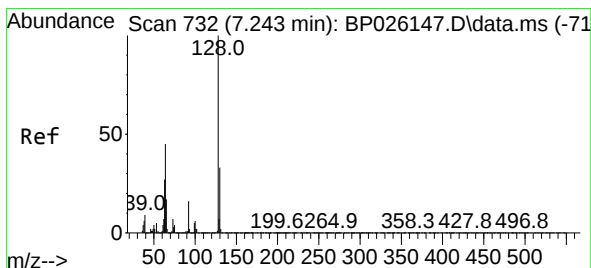
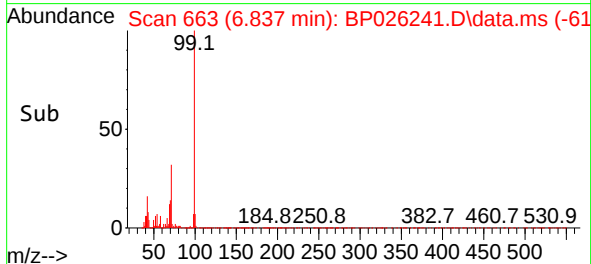
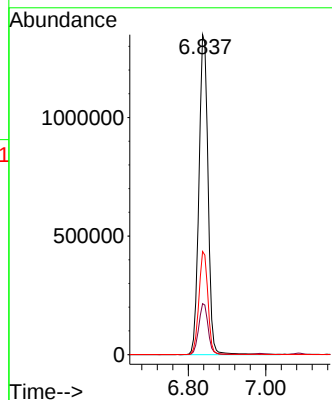
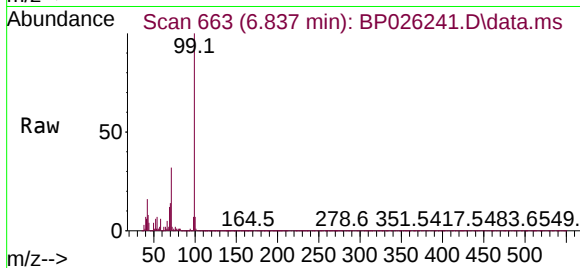




#7
Phenol-d6
Concen: 113.179 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

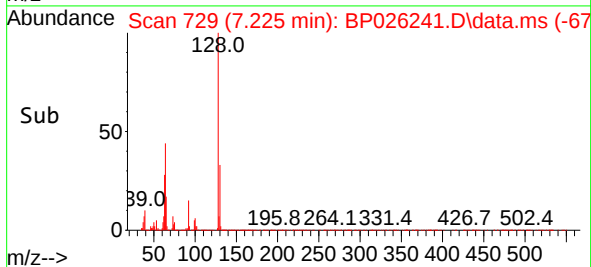
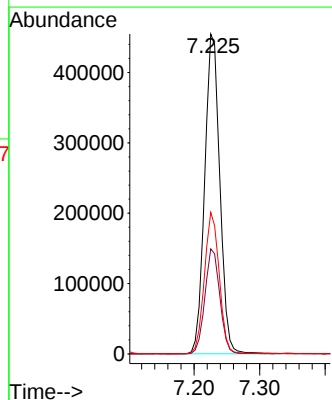
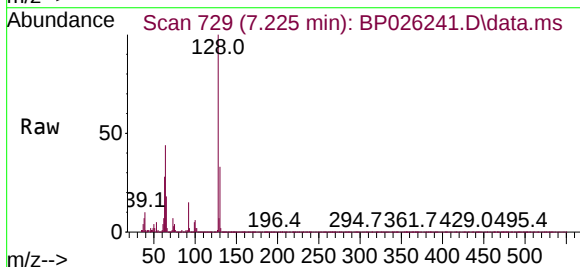
Instrument :
BNA_P
ClientSampleId :
PB170836BS

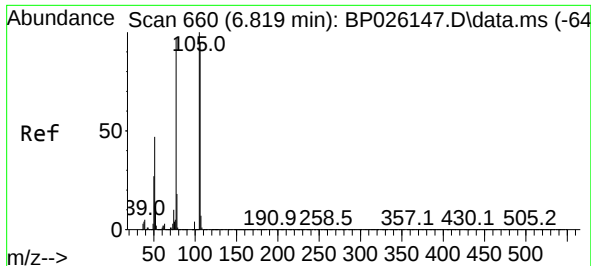
Tgt Ion: 99 Resp: 2193583
Ion Ratio Lower Upper
99 100
42 15.9 12.9 19.3
71 32.2 24.8 37.2



#8
2-Chlorophenol
Concen: 41.701 ng
RT: 7.225 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:128 Resp: 727582
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 44.2 23.9 63.9

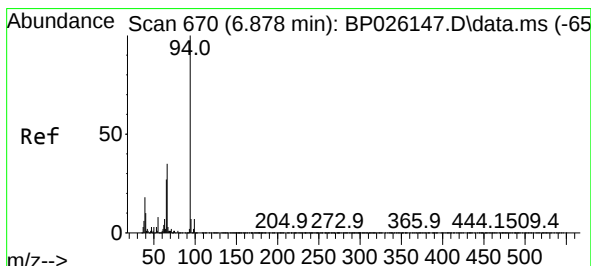
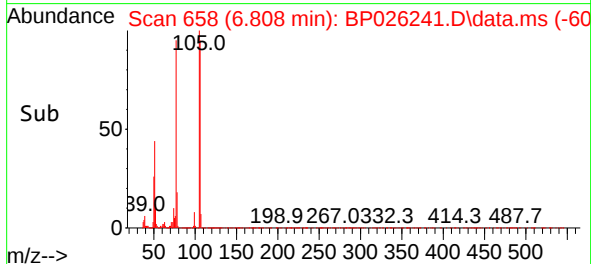
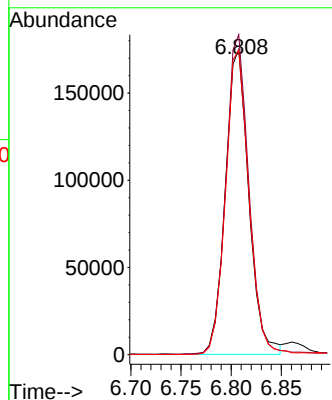
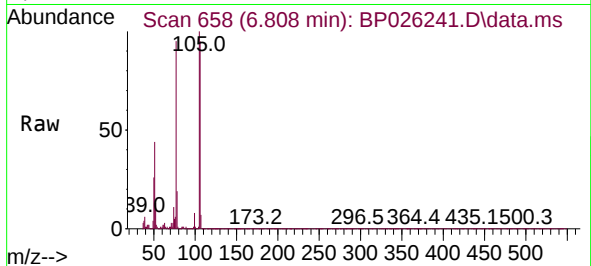




#9
Benzaldehyde
Concen: 27.266 ng
RT: 6.808 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

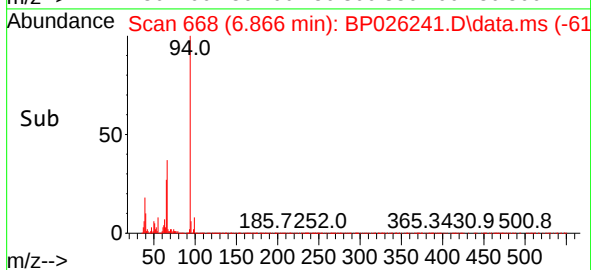
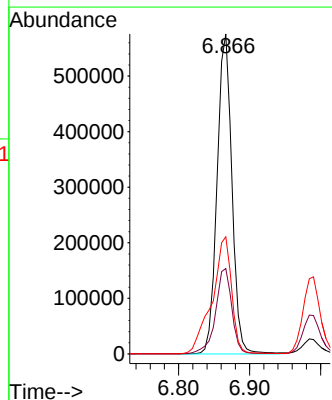
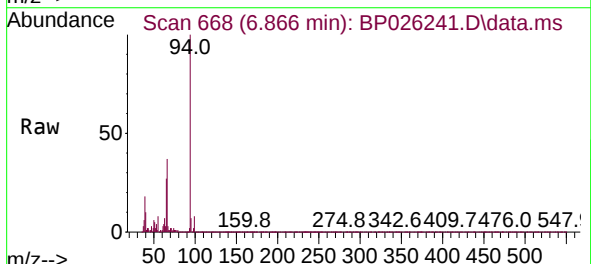
Instrument :
BNA_P
ClientSampleId :
PB170836BS

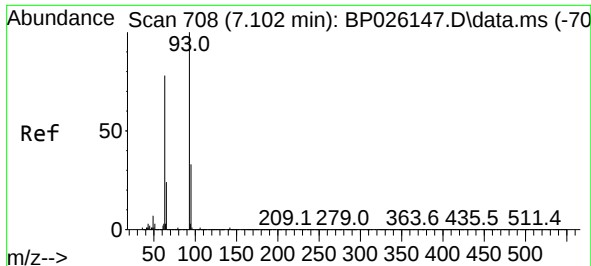
Tgt Ion: 77 Resp: 284887
Ion Ratio Lower Upper
77 100
105 104.9 82.9 122.9
106 99.8 77.8 117.8



#10
Phenol
Concen: 40.127 ng
RT: 6.866 min Scan# 668
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion: 94 Resp: 836581
Ion Ratio Lower Upper
94 100
65 26.7 7.0 47.0
66 36.6 14.5 54.5

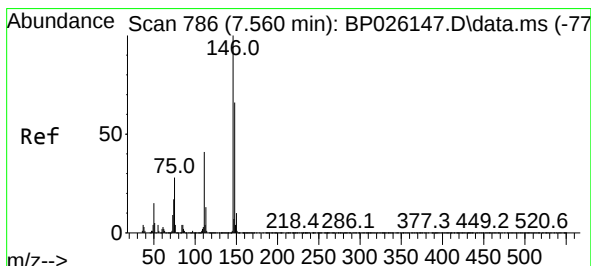
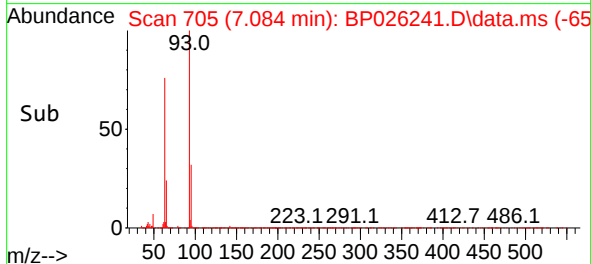
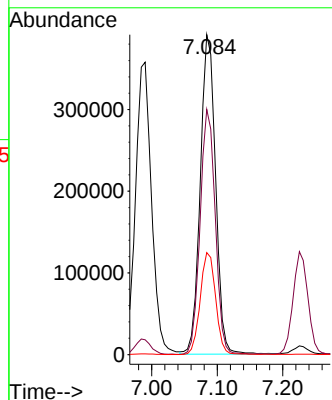
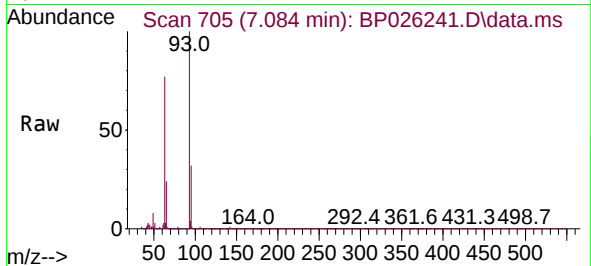




#11
bis(2-Chloroethyl)ether
Concen: 38.668 ng
RT: 7.084 min Scan# 708
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

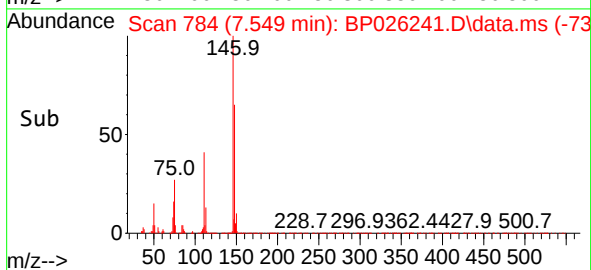
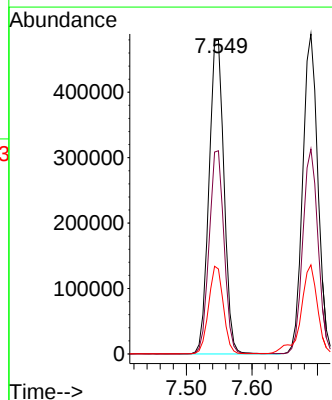
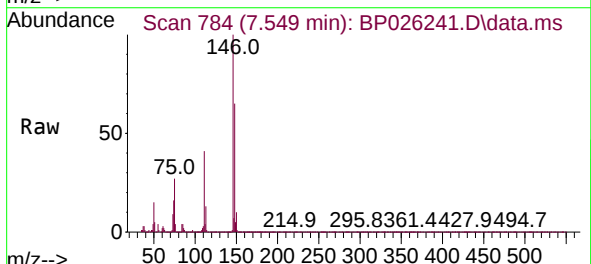
Instrument :
BNA_P
ClientSampleId :
PB170836BS

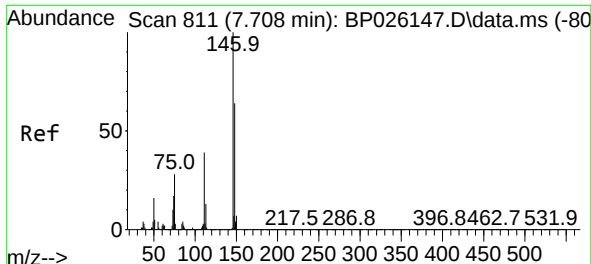
Tgt Ion: 93 Resp: 632050
Ion Ratio Lower Upper
93 100
63 76.6 58.8 98.8
95 31.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.450 ng
RT: 7.549 min Scan# 784
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:146 Resp: 763708
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 27.1 22.2 33.2

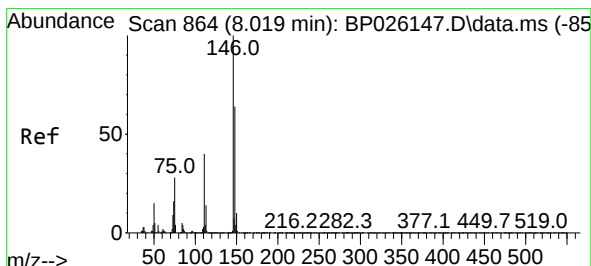
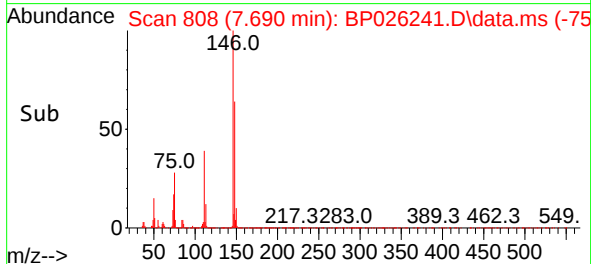
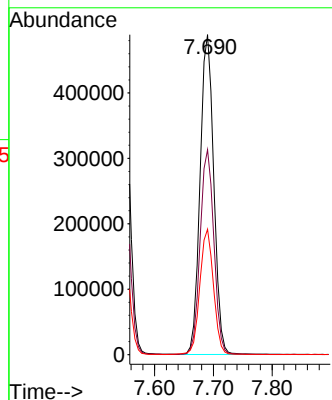
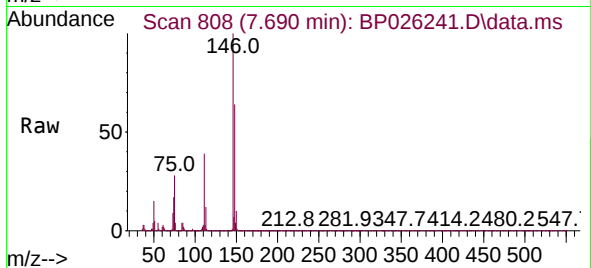




#13
1,4-Dichlorobenzene
Concen: 41.519 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

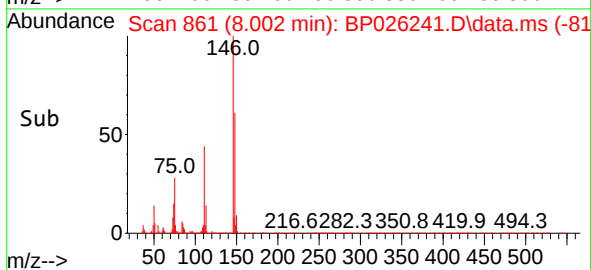
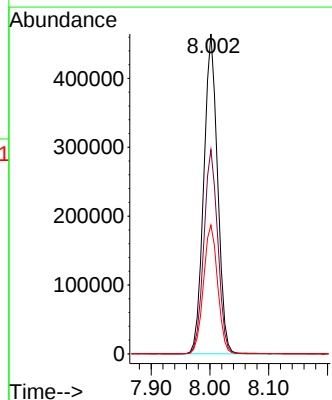
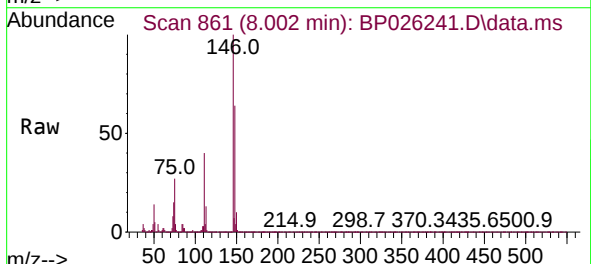
Instrument :
BNA_P
ClientSampleId :
PB170836BS

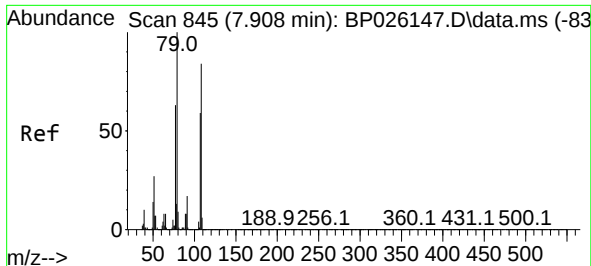
Tgt Ion:146 Resp: 789940
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 39.2 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 41.503 ng
RT: 8.002 min Scan# 861
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:146 Resp: 757964
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 40.3 33.0 49.4

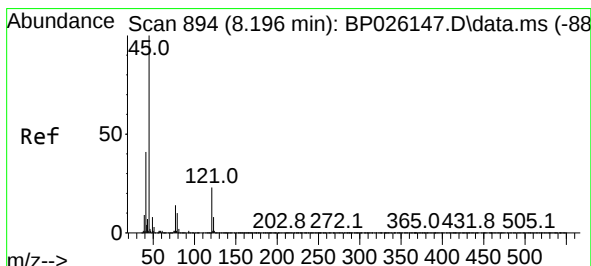
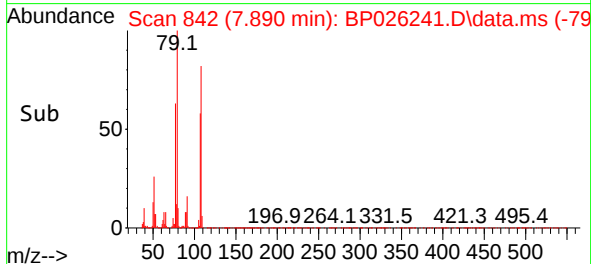
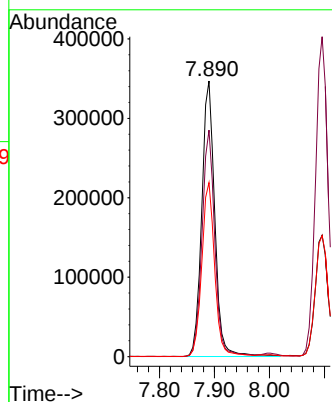
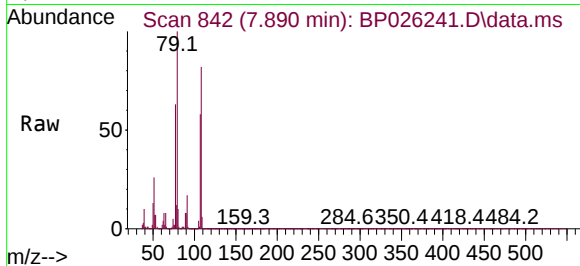




#15
Benzyl Alcohol
Concen: 40.483 ng
RT: 7.890 min Scan# 845
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

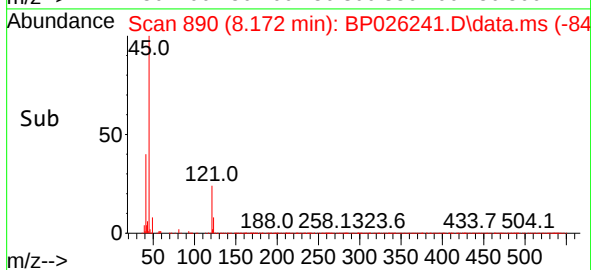
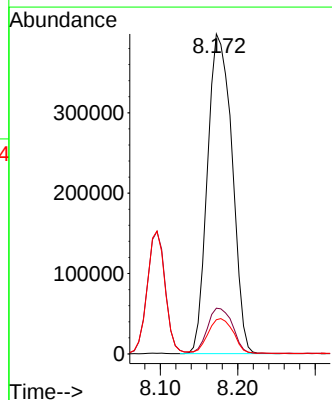
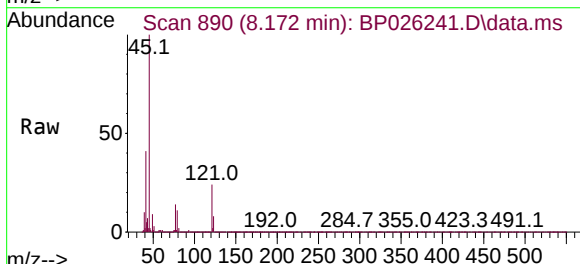
Instrument :
BNA_P
ClientSampleId :
PB170836BS

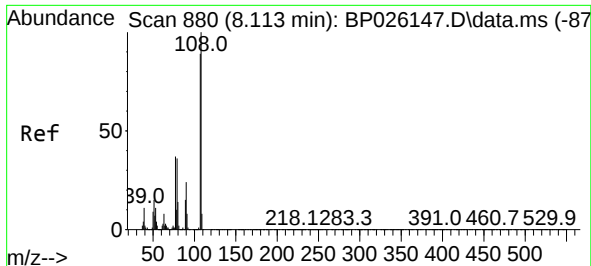
Tgt Ion: 79 Resp: 570379
Ion Ratio Lower Upper
79 100
108 82.2 66.2 99.4
77 63.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.471 ng
RT: 8.172 min Scan# 890
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

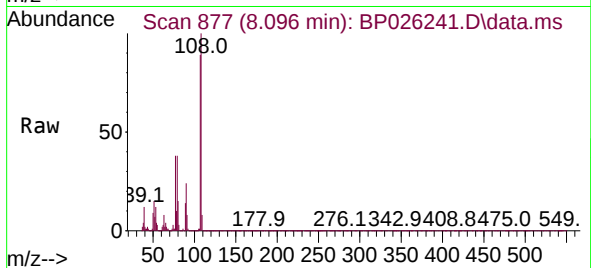
Tgt Ion: 45 Resp: 877668
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.9
79 10.7 0.0 30.4



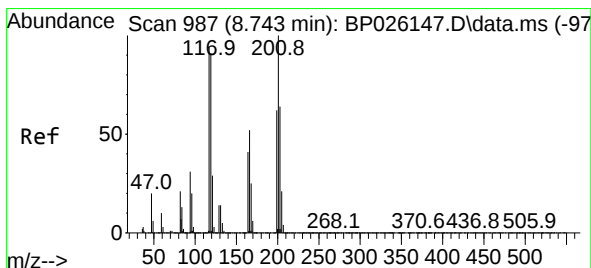
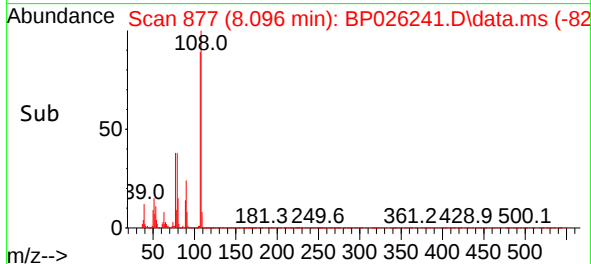
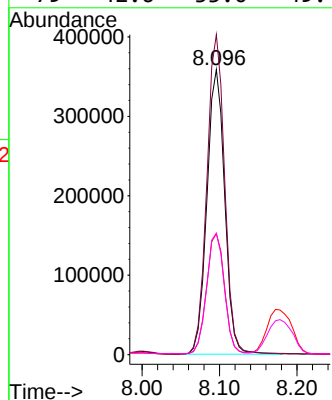


#17
2-Methylphenol
Concen: 40.422 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Instrument :
BNA_P
ClientSampleId :
PB170836BS

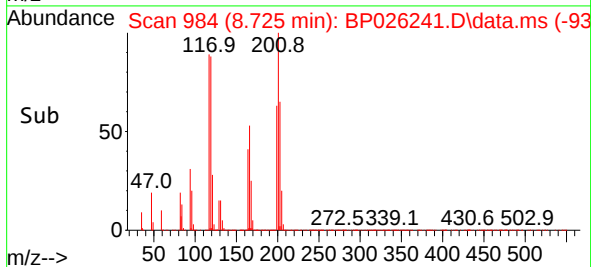
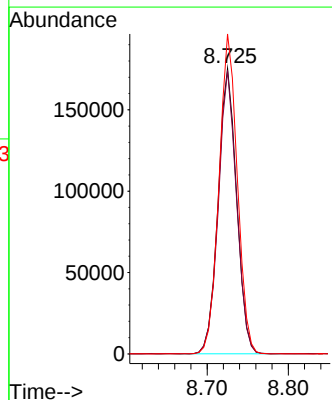
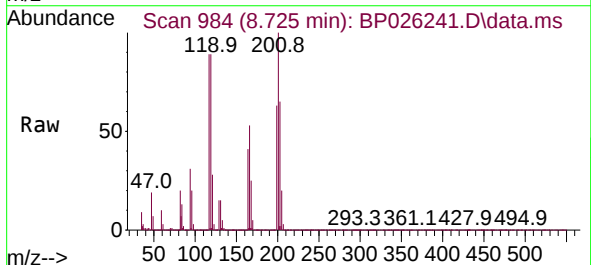


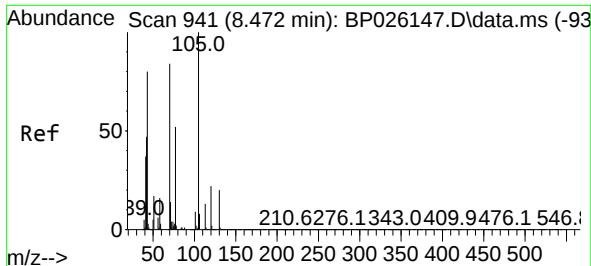
Tgt Ion:107 Resp: 571964
Ion Ratio Lower Upper
107 100
108 112.3 89.7 134.5
77 42.5 33.9 50.9
79 42.6 33.0 49.4



#18
Hexachloroethane
Concen: 40.097 ng
RT: 8.725 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

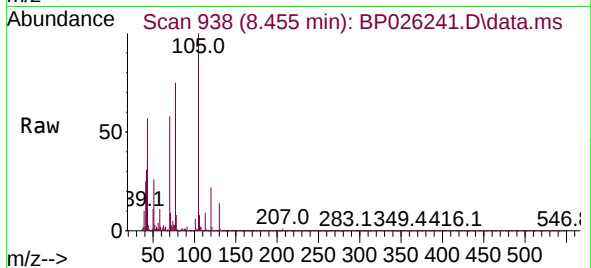
Tgt Ion:117 Resp: 277112
Ion Ratio Lower Upper
117 100
119 99.2 78.7 118.1
201 112.0 85.1 127.7



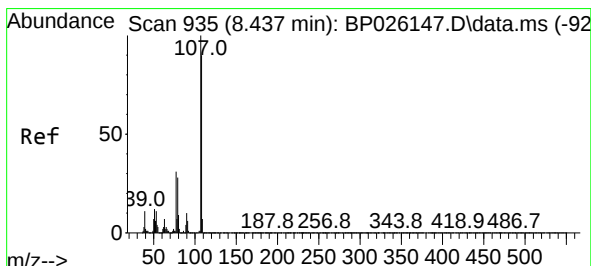
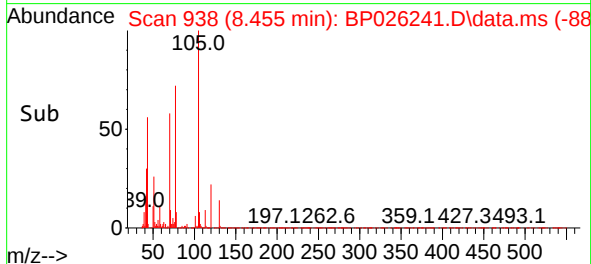
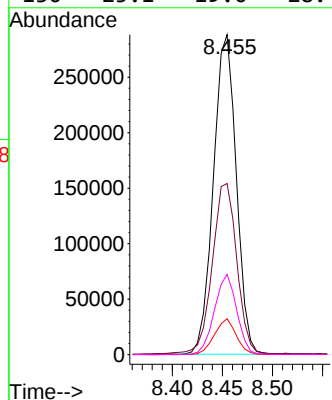


#19
n-Nitroso-di-n-propylamine
Concen: 38.283 ng
RT: 8.455 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Instrument :
BNA_P
ClientSampleId :
PB170836BS

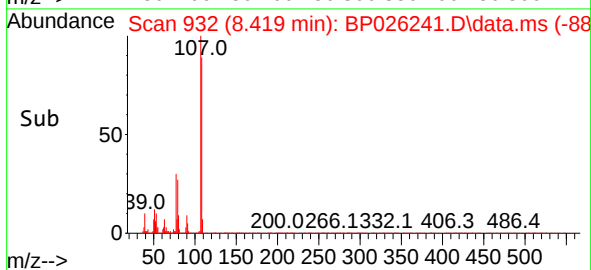
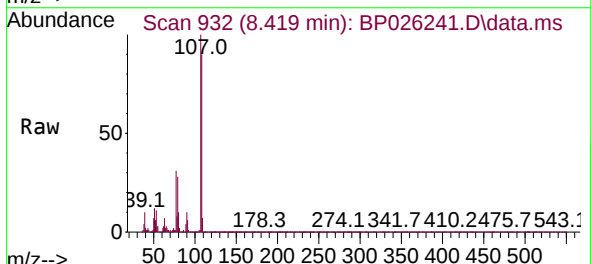
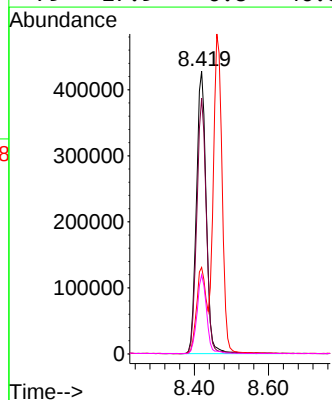


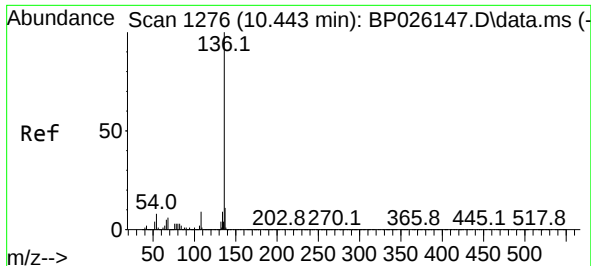
Tgt Ion: 70 Resp: 457382
Ion Ratio Lower Upper
70 100
42 53.5 44.1 66.1
101 11.2 8.2 12.4
130 25.1 19.0 28.4



#20
3+4-Methylphenols
Concen: 39.978 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion: 107 Resp: 781143
Ion Ratio Lower Upper
107 100
108 90.5 68.9 108.9
77 30.6 10.4 50.4
79 27.9 6.8 46.8



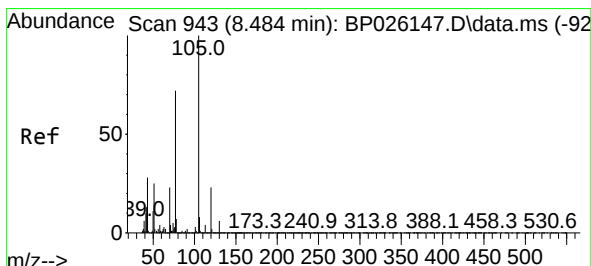
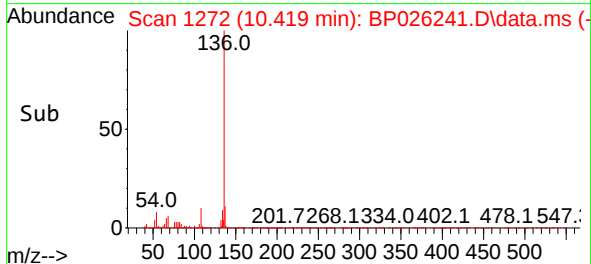
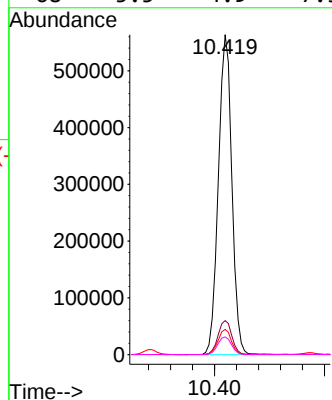
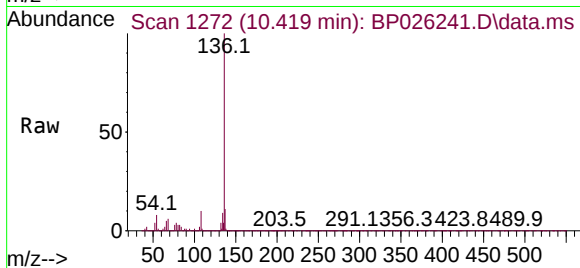


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Instrument :
BNA_P
ClientSampleId :
PB170836BS

Tgt Ion:136 Resp: 958252

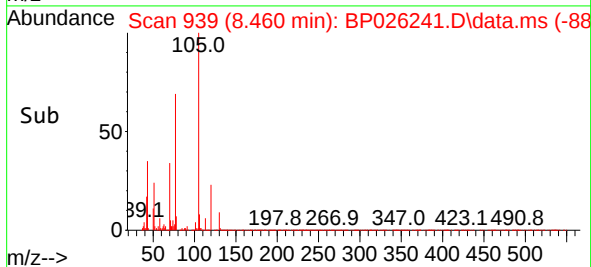
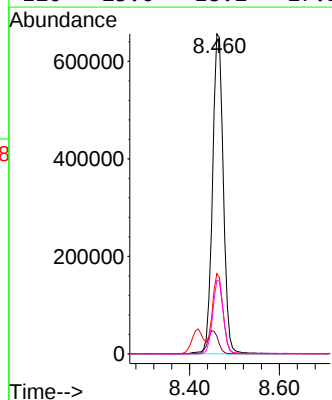
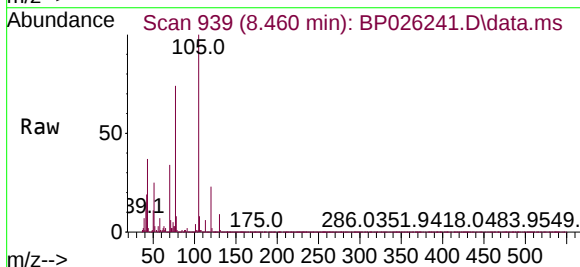
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.9	6.4	9.6
68	5.5	4.9	7.3



#22
Acetophenone
Concen: 45.139 ng
RT: 8.460 min Scan# 939
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:105 Resp: 1097177

Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.0	4.4
51	25.1	20.5	30.7
120	23.0	18.2	27.2

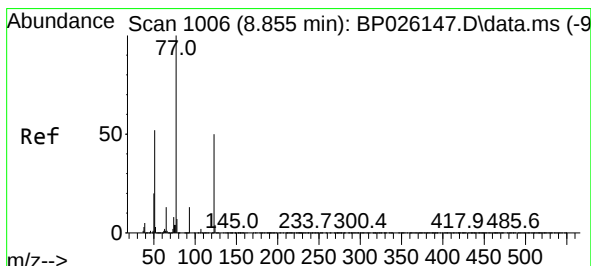
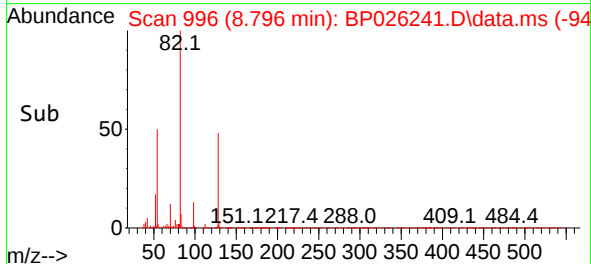
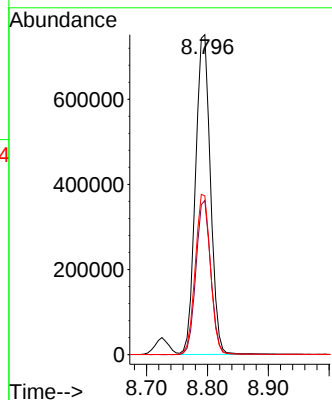
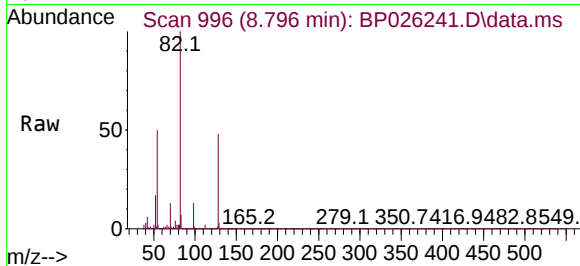




#23
Nitrobenzene-d5
Concen: 76.225 ng
RT: 8.796 min Scan# 999
Delta R.T. 0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

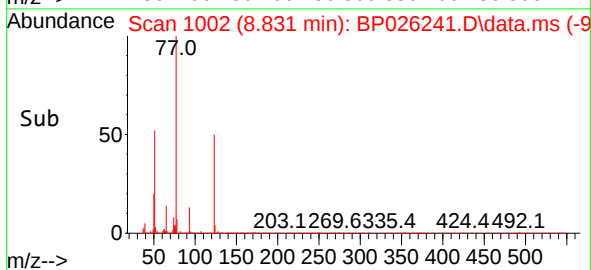
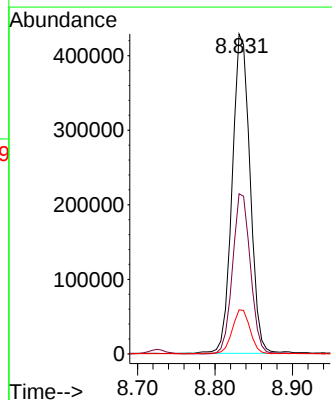
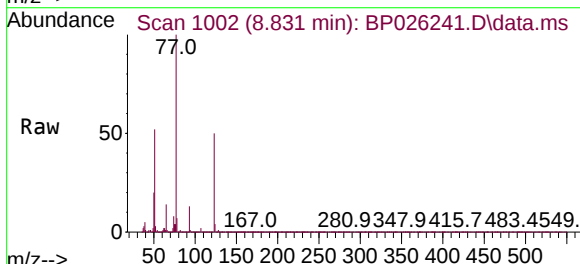
Instrument :
BNA_P
ClientSampleId :
PB170836BS

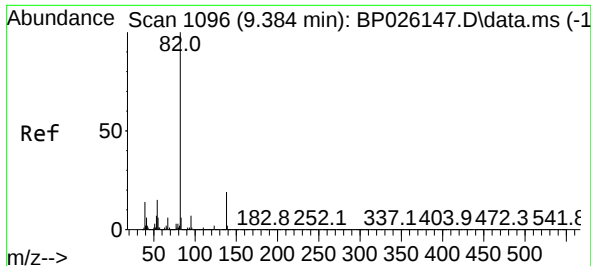
Tgt Ion: 82 Resp: 1283243
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.0
54 49.6 41.6 62.4



#24
Nitrobenzene
Concen: 40.408 ng
RT: 8.831 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion: 77 Resp: 687610
Ion Ratio Lower Upper
77 100
123 50.0 39.8 59.8
65 13.8 11.2 16.8

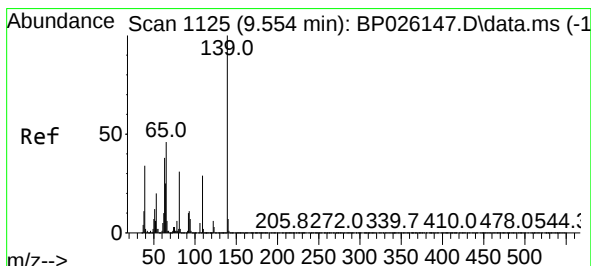
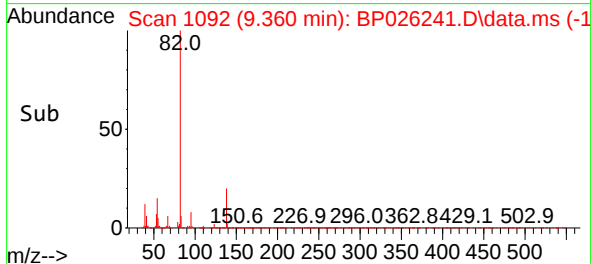
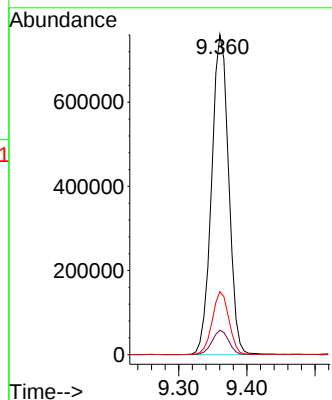
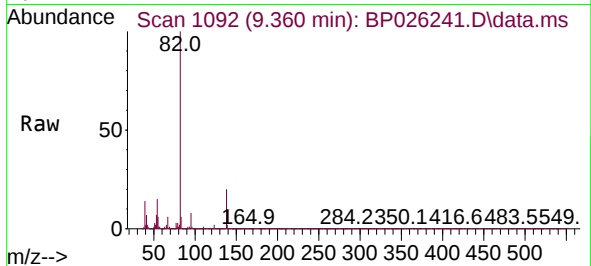




#25
Isophorone
Concen: 39.944 ng
RT: 9.360 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

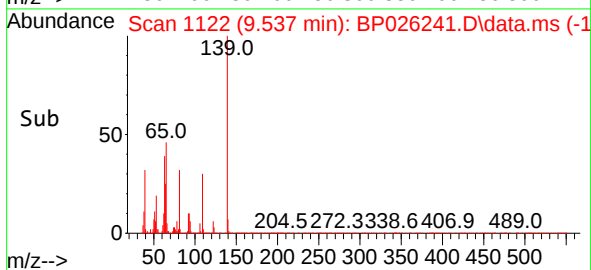
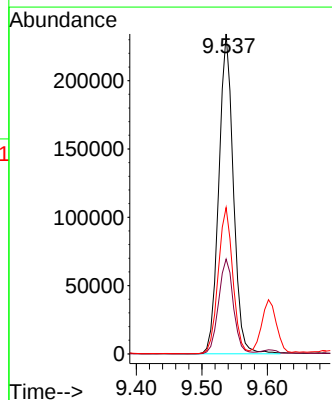
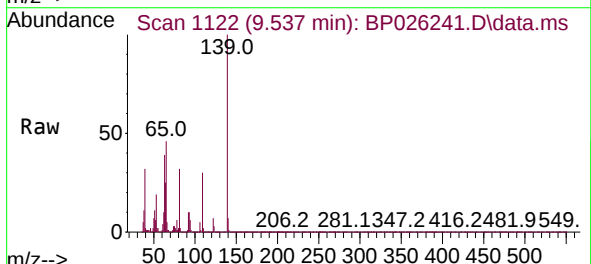
Instrument :
BNA_P
ClientSampleId :
PB170836BS

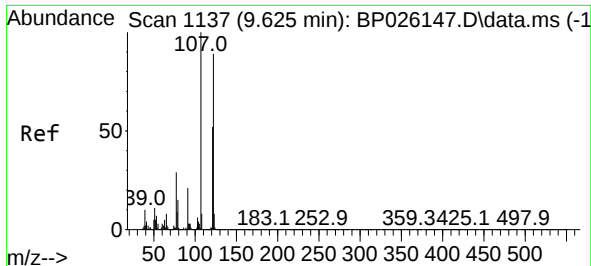
Tgt Ion: 82 Resp: 1319296
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.0
138 19.7 15.4 23.0



#26
2-Nitrophenol
Concen: 42.088 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion: 139 Resp: 362109
Ion Ratio Lower Upper
139 100
109 29.7 22.3 33.5
65 45.7 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 41.646 ng

RT: 9.602 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

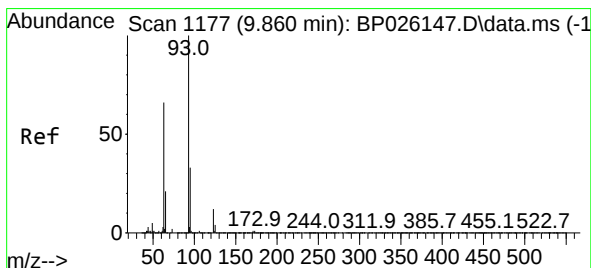
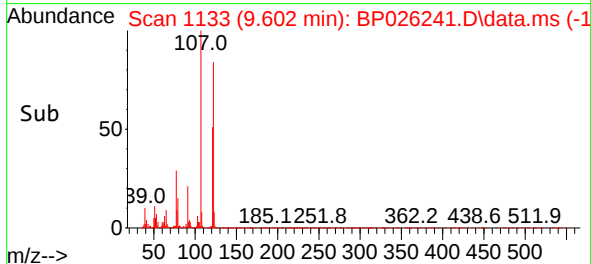
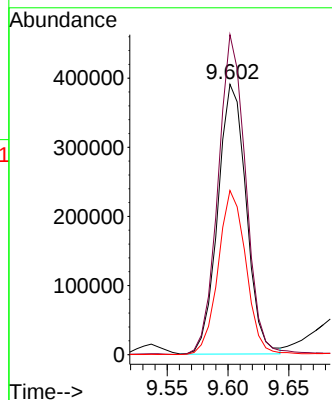
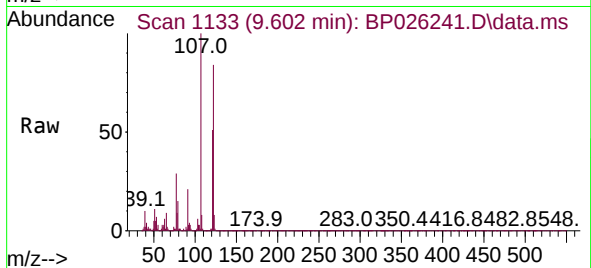
Tgt Ion:122 Resp: 634193

Ion Ratio Lower Upper

122 100

107 118.4 91.0 136.6

121 60.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.721 ng

RT: 9.837 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

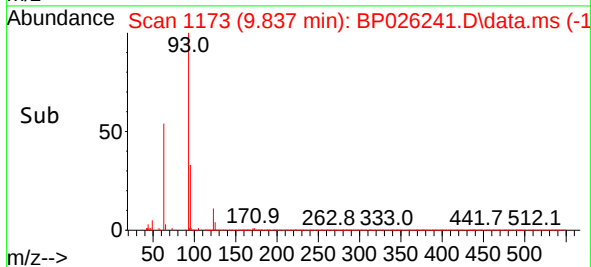
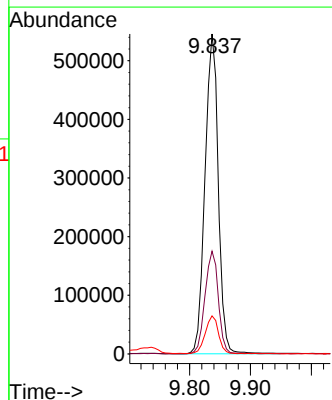
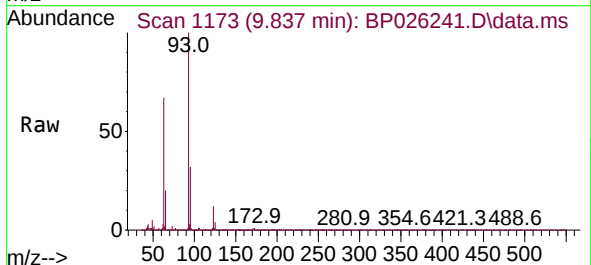
Tgt Ion: 93 Resp: 824490

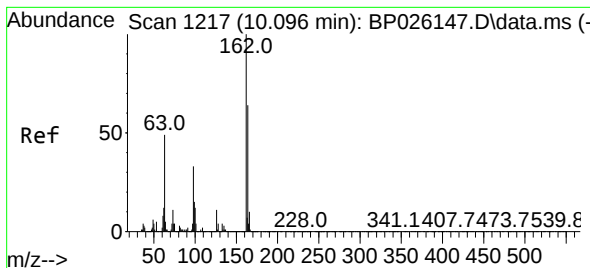
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.697 ng

RT: 10.072 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

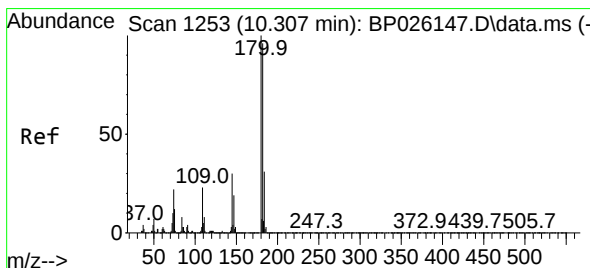
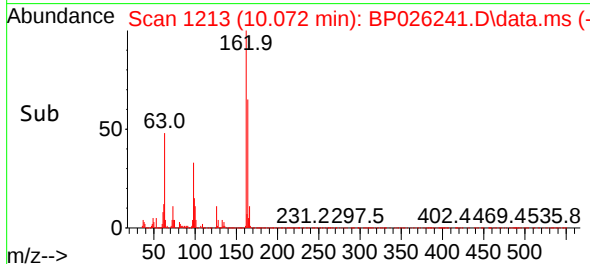
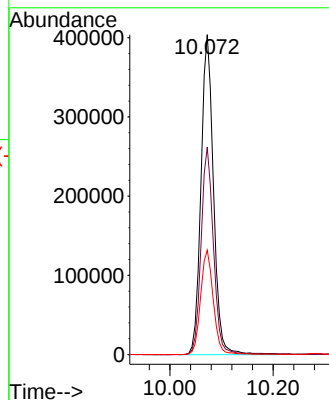
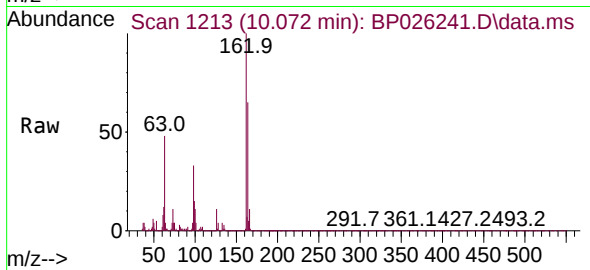
Tgt Ion:162 Resp: 678138

Ion Ratio Lower Upper

162 100

164 64.8 43.8 83.8

98 32.6 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 45.006 ng

RT: 10.284 min Scan# 1249

Delta R.T. -0.000 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

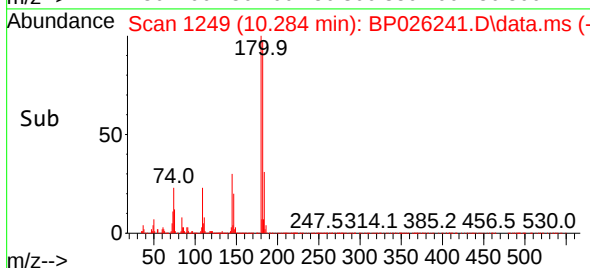
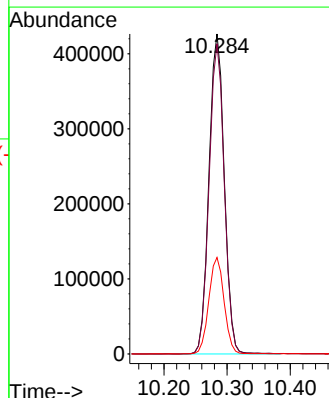
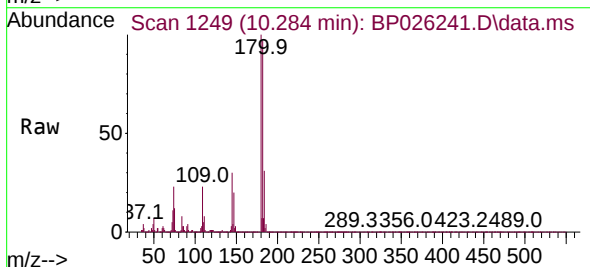
Tgt Ion:180 Resp: 717967

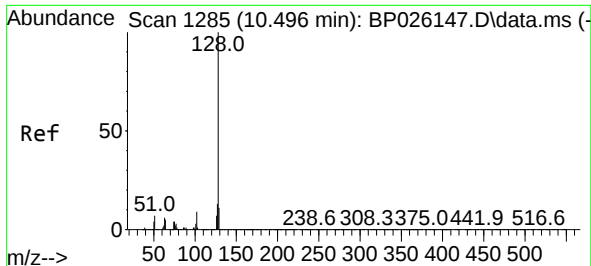
Ion Ratio Lower Upper

180 100

182 96.9 78.1 117.1

145 30.1 24.2 36.4

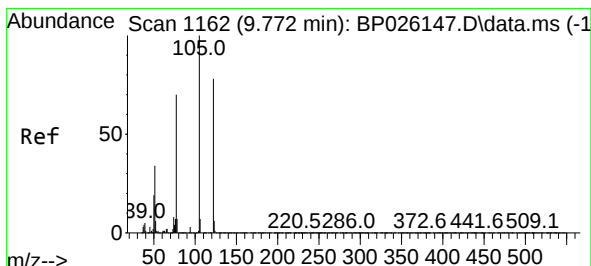
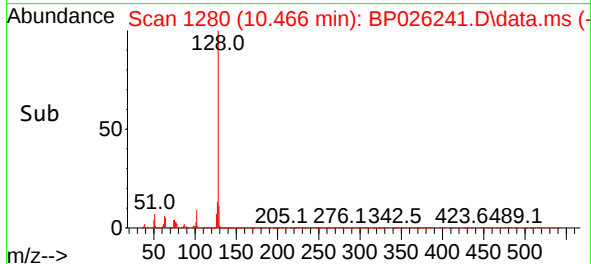
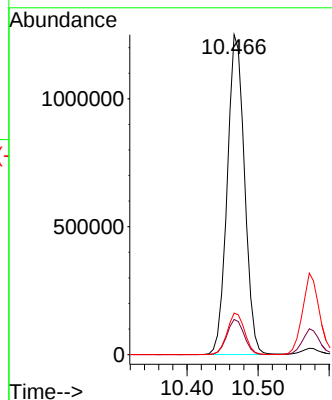
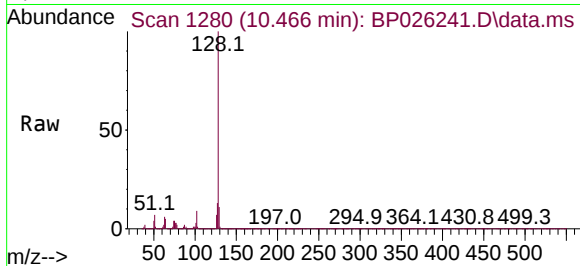




#31
Naphthalene
Concen: 40.905 ng
RT: 10.466 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

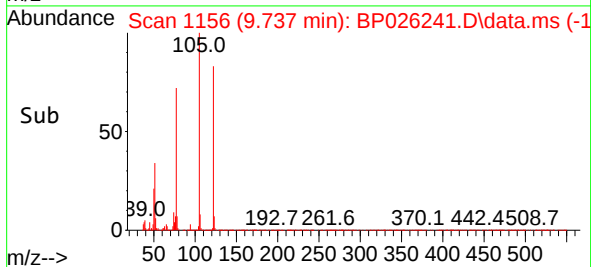
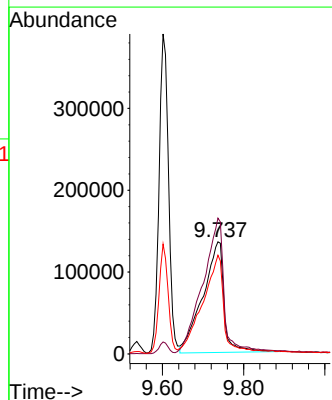
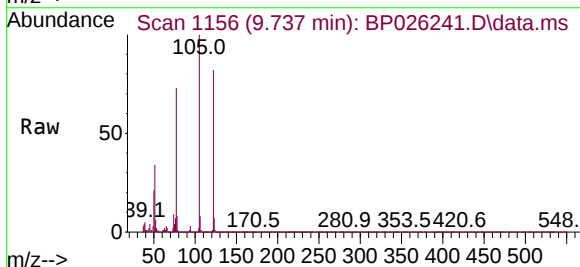
Instrument :
BNA_P
ClientSampleId :
PB170836BS

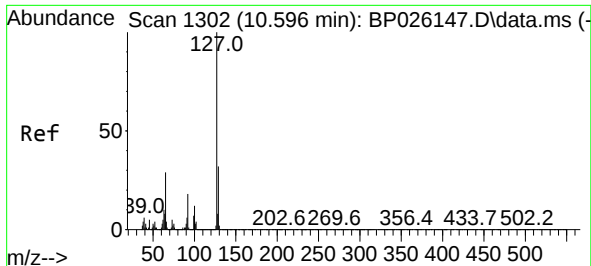
Tgt Ion:128 Resp: 2119079
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 40.501 ng
RT: 9.737 min Scan# 1156
Delta R.T. 0.029 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:122 Resp: 494066
Ion Ratio Lower Upper
122 100
105 121.2 100.1 140.1
77 88.1 66.7 106.7

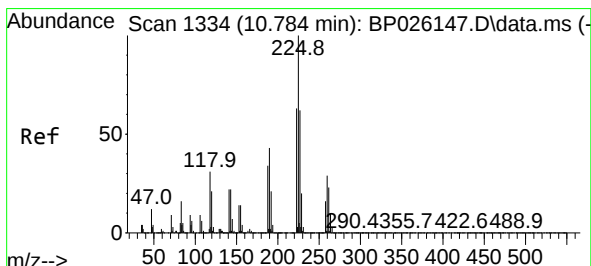
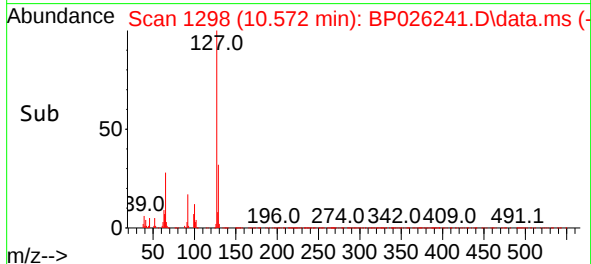
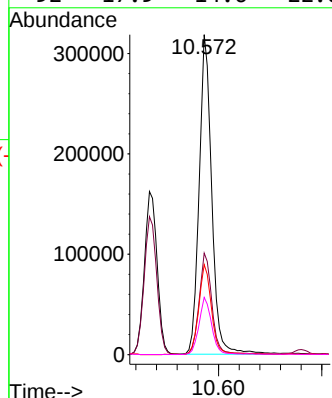
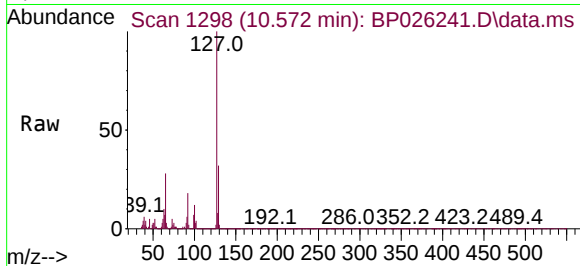




#33
4-Chloroaniline
Concen: 24.872 ng
RT: 10.572 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

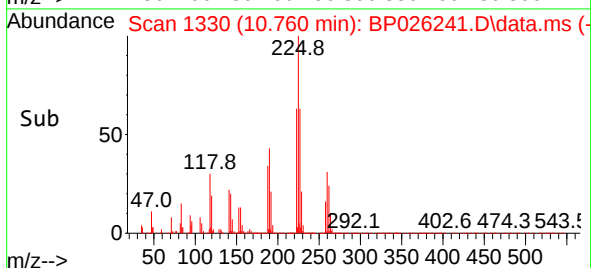
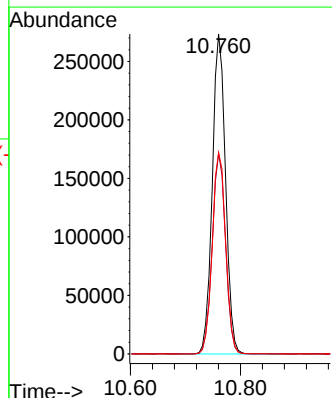
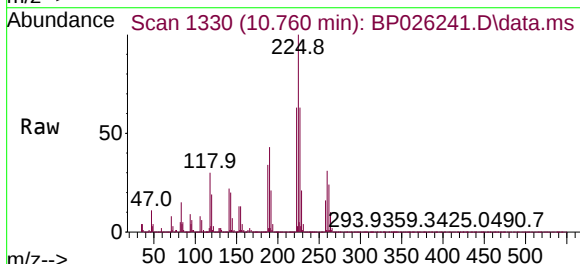
Instrument :
BNA_P
ClientSampleId :
PB170836BS

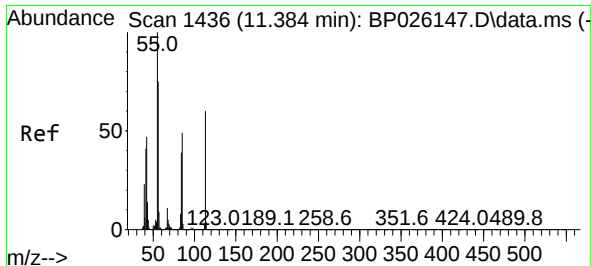
Tgt Ion:	127	Resp:	539805
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	28.1	22.7	34.1
92	17.9	14.6	22.0



#34
Hexachlorobutadiene
Concen: 43.626 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:	225	Resp:	454402
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	62.9	51.2	76.8

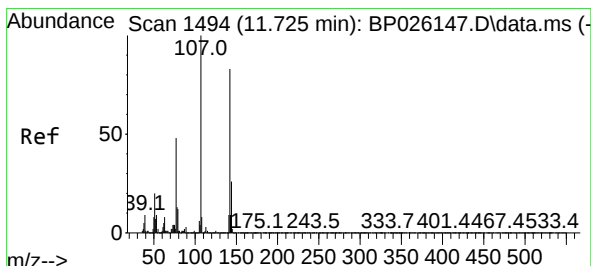
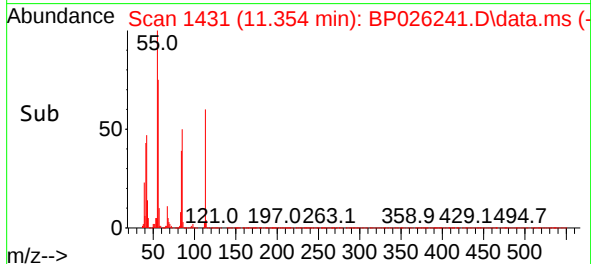
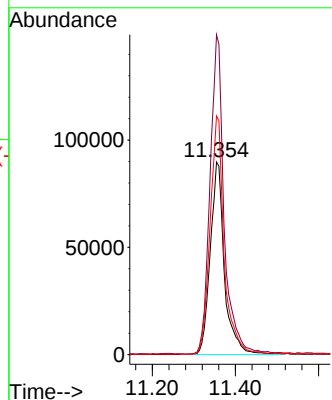
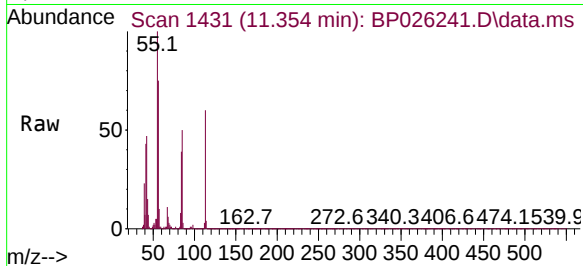




#35
Caprolactam
Concen: 38.707 ng
RT: 11.354 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

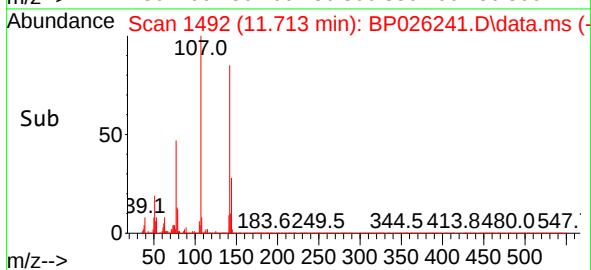
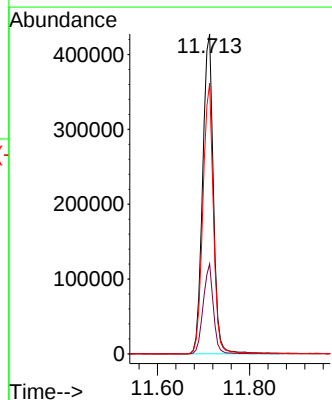
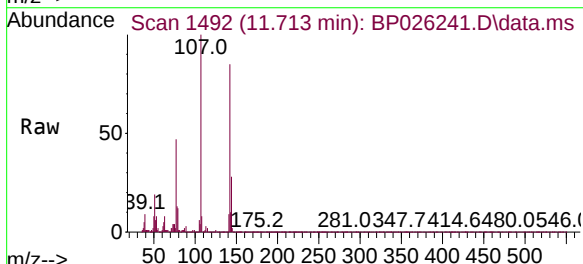
Instrument :
BNA_P
ClientSampleId :
PB170836BS

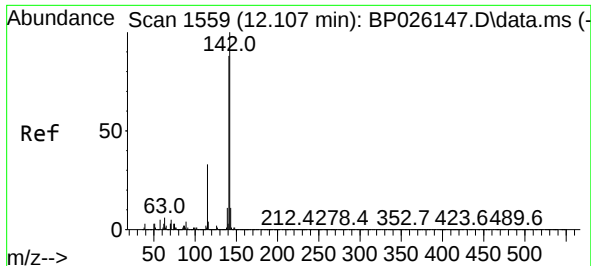
Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.1	153.0	193.0
56	123.9	106.4	146.4



#36
4-Chloro-3-methylphenol
Concen: 42.117 ng
RT: 11.713 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	21.6	32.4
142	84.6	65.6	98.4

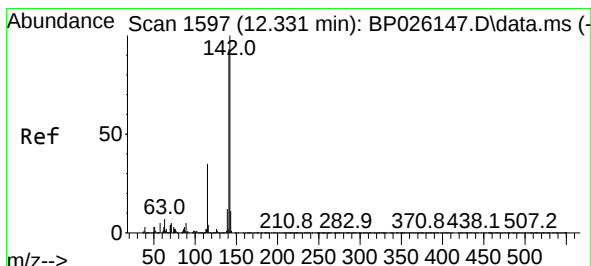
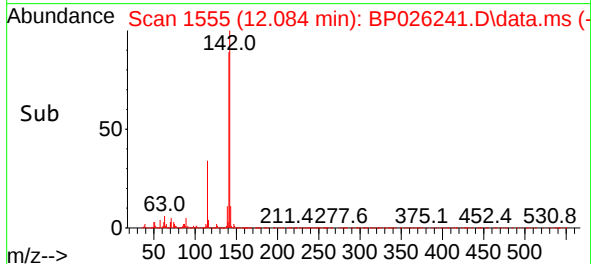
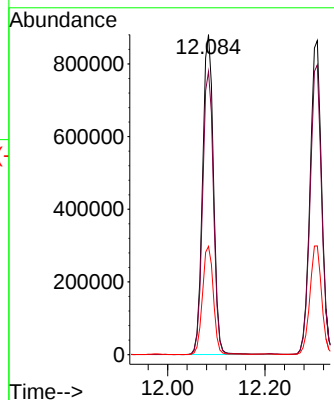
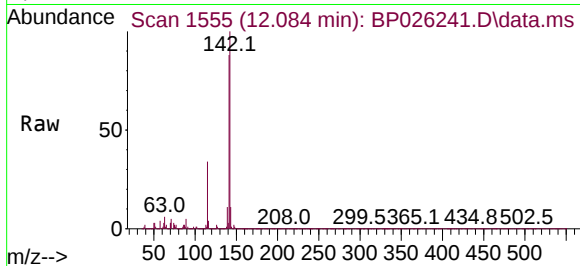




#37
2-Methylnaphthalene
Concen: 37.271 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

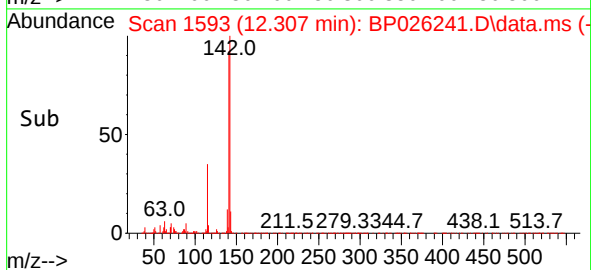
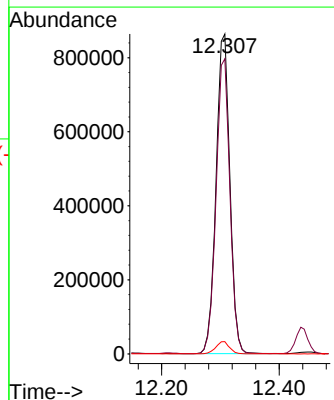
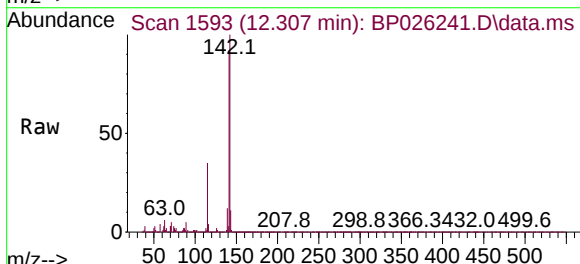
Instrument :
BNA_P
ClientSampleId :
PB170836BS

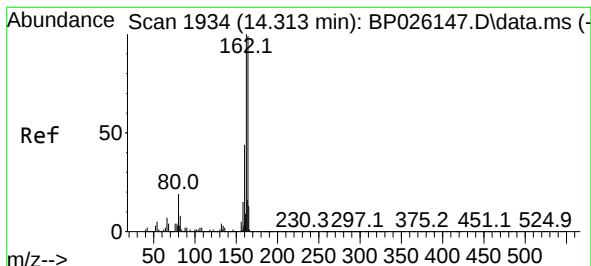
Tgt Ion:142 Resp: 1360825
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 33.8 26.6 39.8



#38
1-Methylnaphthalene
Concen: 39.464 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:142 Resp: 1407711
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.290 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

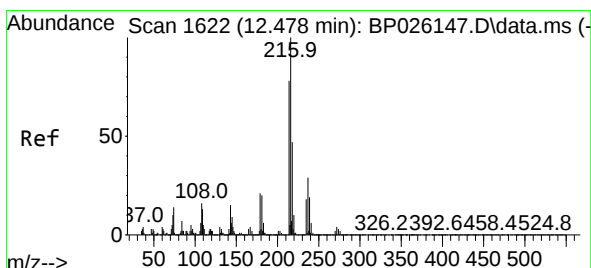
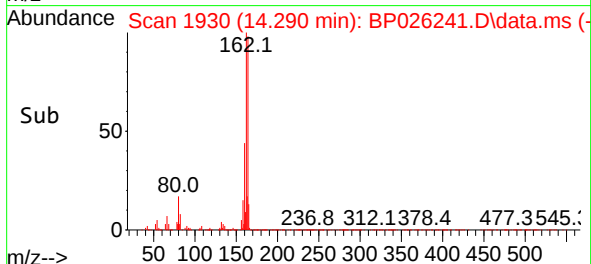
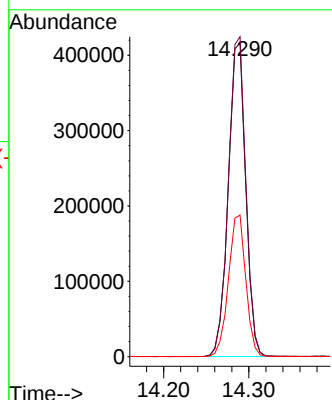
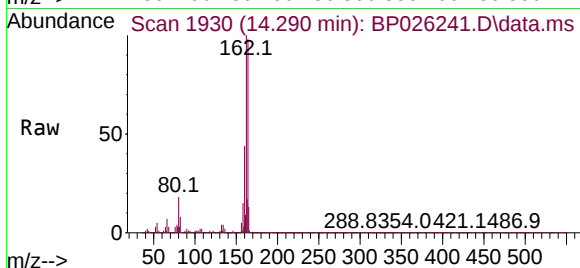
Tgt Ion:164 Resp: 591037

Ion Ratio Lower Upper

164 100

162 102.1 80.3 120.5

160 45.2 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.963 ng

RT: 12.454 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Tgt Ion:216 Resp: 883405

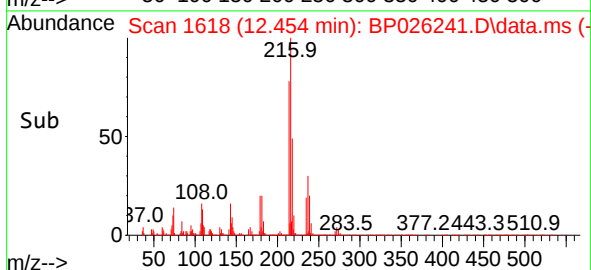
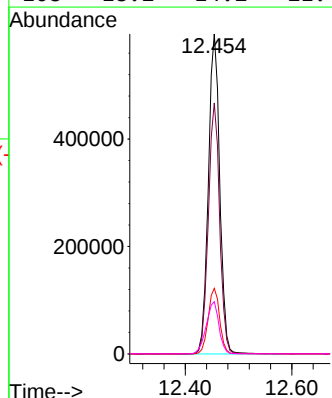
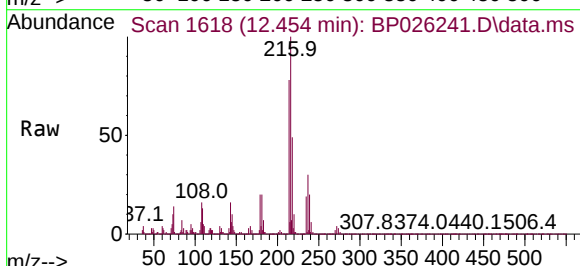
Ion Ratio Lower Upper

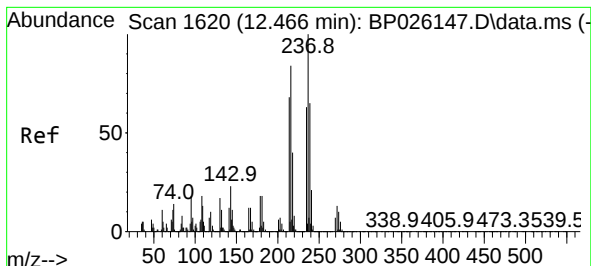
216 100

214 78.1 62.6 94.0

179 20.7 16.6 25.0

108 18.2 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 80.223 ng

RT: 12.443 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

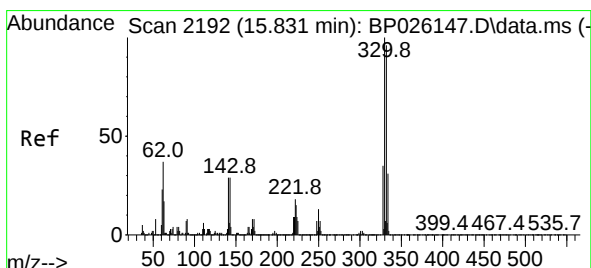
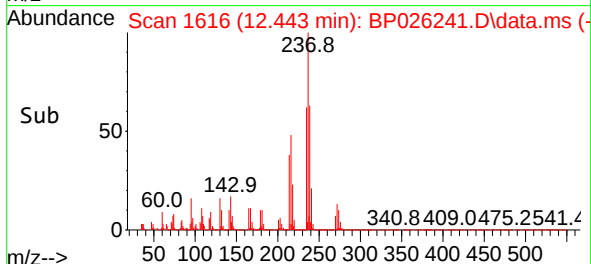
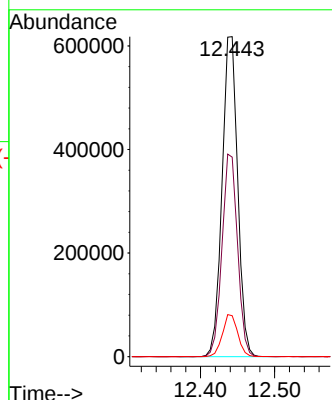
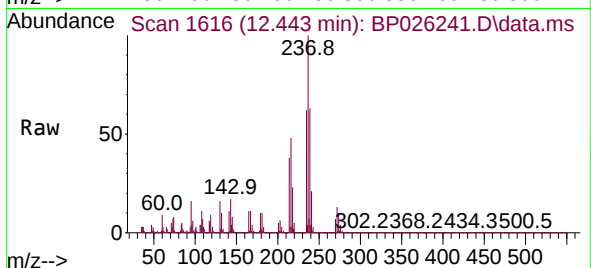
Tgt Ion:237 Resp: 902859

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

272 12.8 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 127.260 ng

RT: 15.801 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

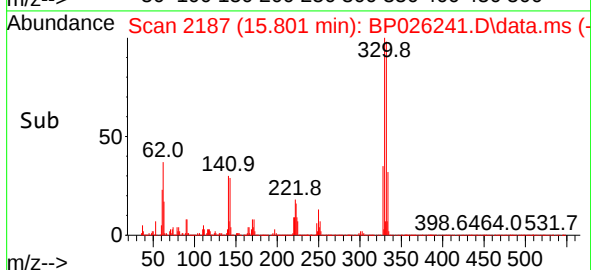
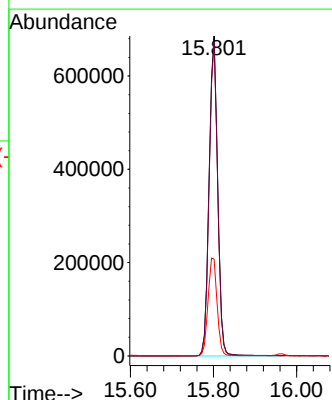
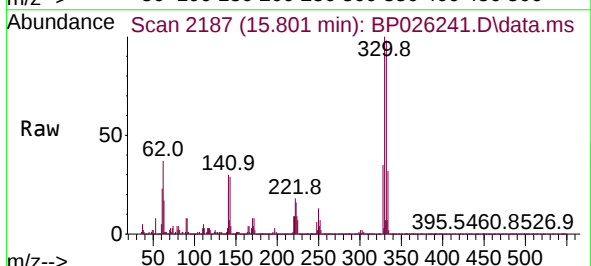
Tgt Ion:330 Resp: 978150

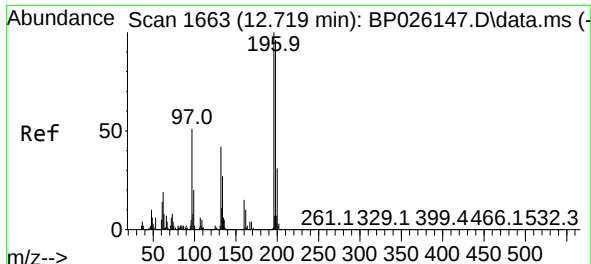
Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

141 32.4 26.8 40.2

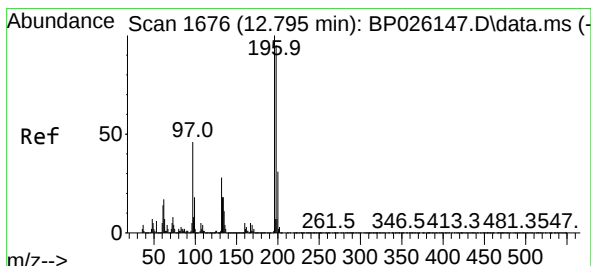
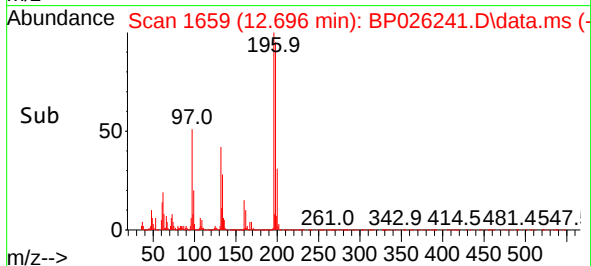
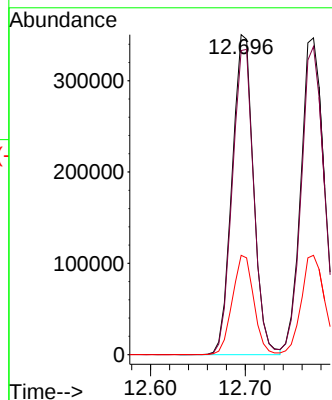
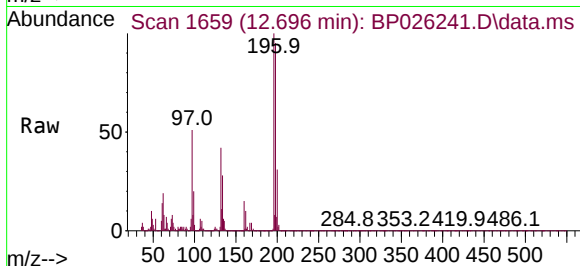




#43
2,4,6-Trichlorophenol
Concen: 45.055 ng
RT: 12.696 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

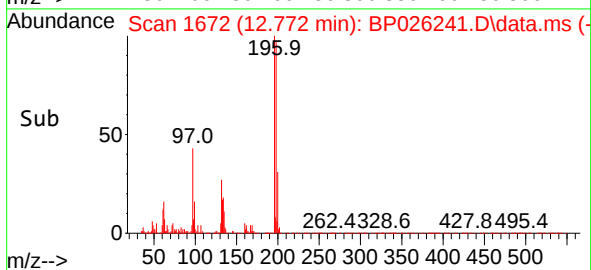
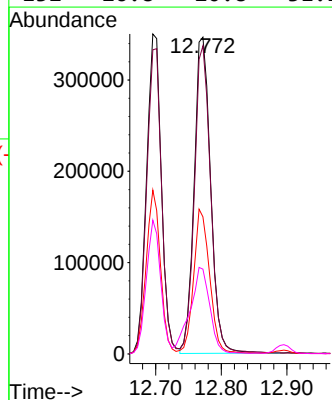
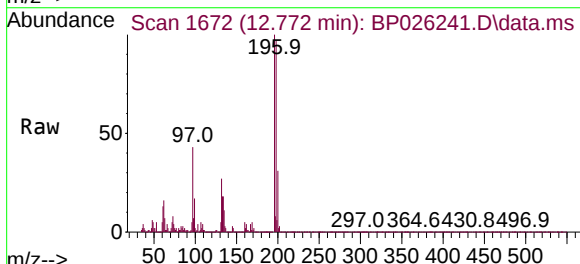
Instrument :
BNA_P
ClientSampleId :
PB170836BS

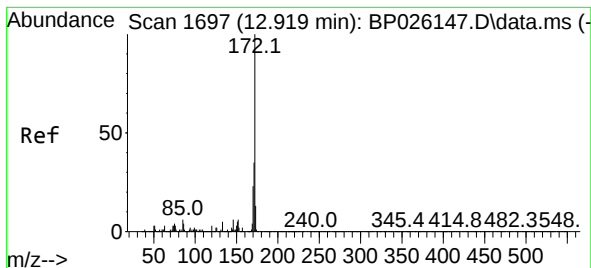
Tgt Ion:196 Resp: 552461
Ion Ratio Lower Upper
196 100
198 95.0 76.9 115.3
200 31.0 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.297 ng
RT: 12.772 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:196 Resp: 604939
Ion Ratio Lower Upper
196 100
198 97.3 76.4 114.6
97 43.3 35.7 53.5
132 26.8 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 81.046 ng

RT: 12.896 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

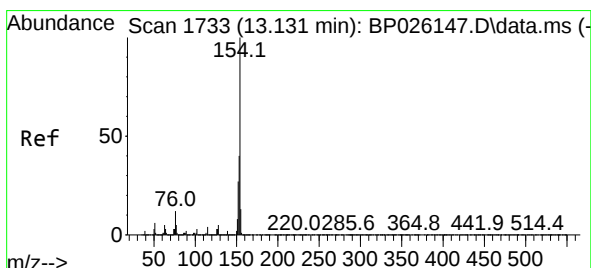
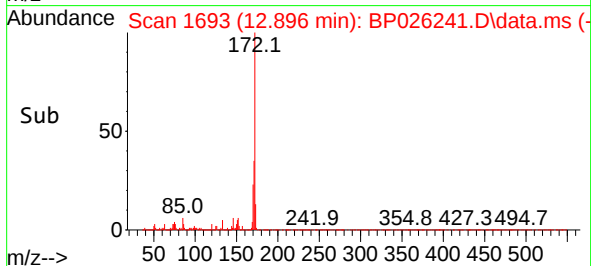
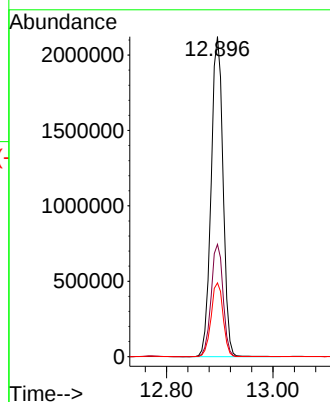
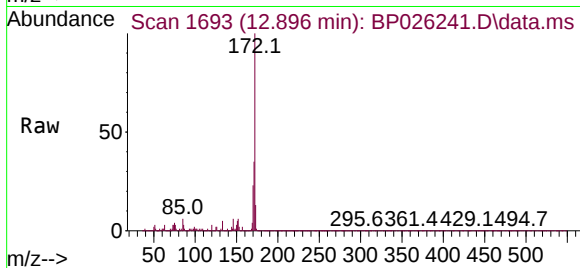
Tgt Ion:172 Resp: 3294690

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.1 18.7 28.1



#46

1,1'-Biphenyl

Concen: 47.470 ng

RT: 13.101 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

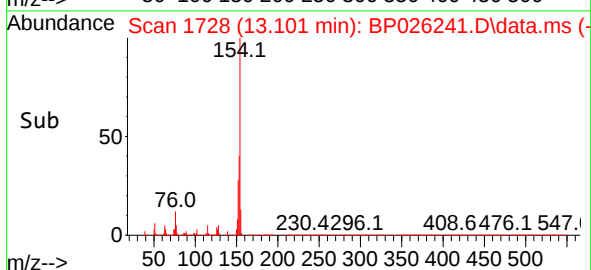
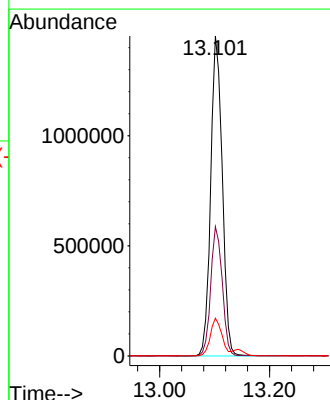
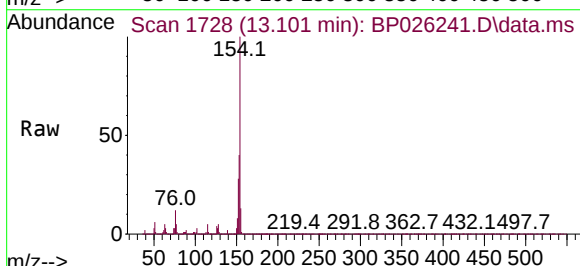
Tgt Ion:154 Resp: 2118580

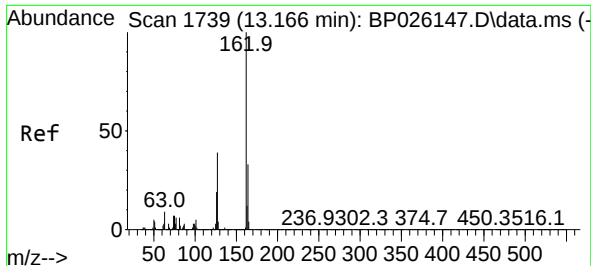
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 11.8 0.0 32.3

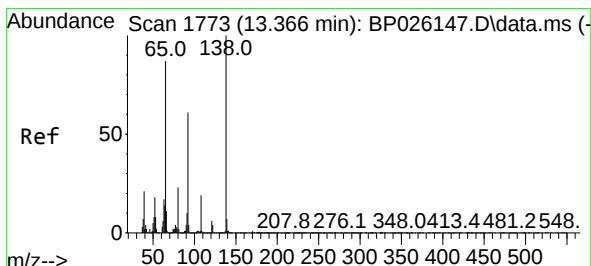
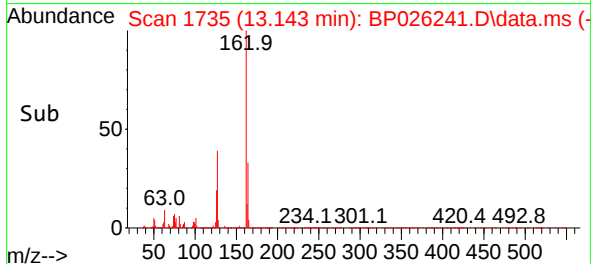
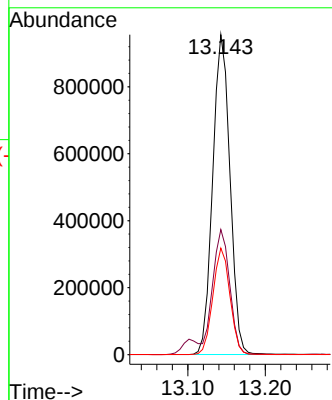
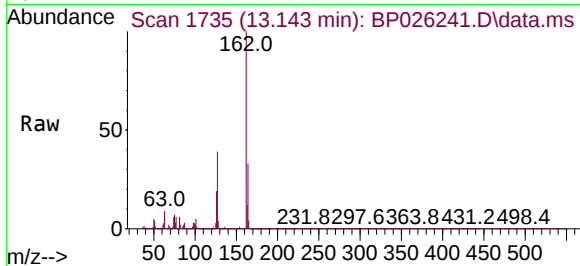




#47
2-Chloronaphthalene
Concen: 42.124 ng
RT: 13.143 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

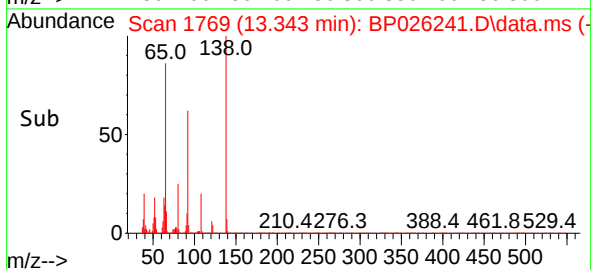
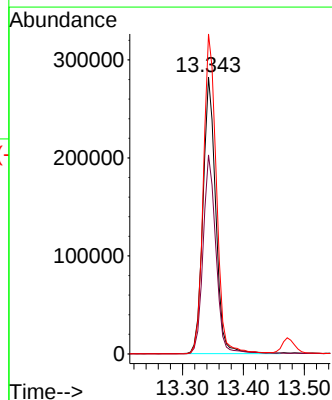
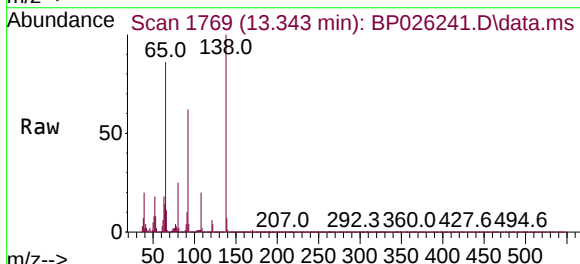
Instrument :
BNA_P
ClientSampleId :
PB170836BS

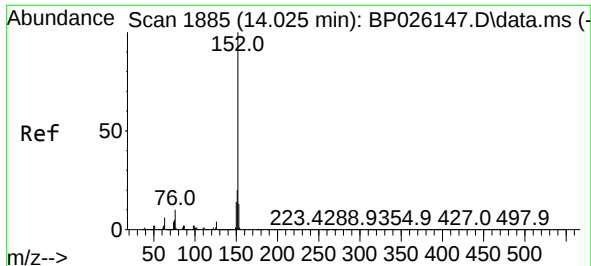
Tgt Ion:162 Resp: 1481147
Ion Ratio Lower Upper
162 100
127 39.1 30.9 46.3
164 33.3 26.4 39.6



#48
2-Nitroaniline
Concen: 42.544 ng
RT: 13.343 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion: 65 Resp: 409725
Ion Ratio Lower Upper
65 100
92 71.9 59.1 88.7
138 115.6 96.6 145.0

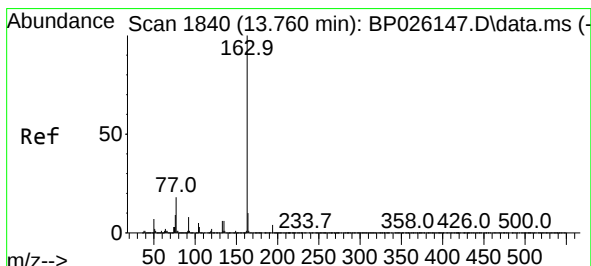
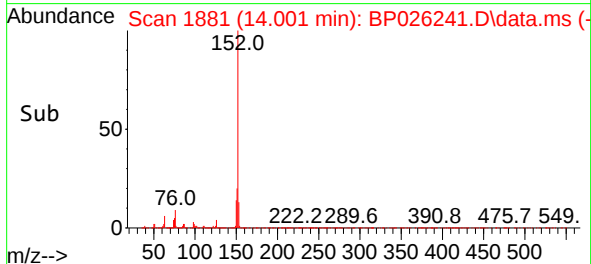
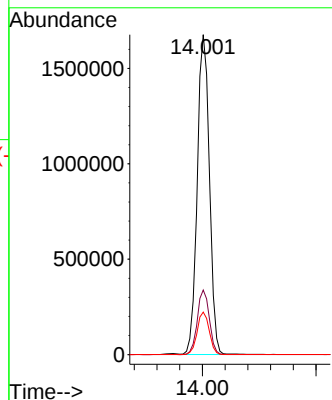
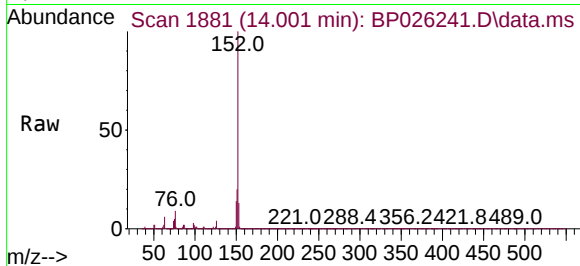




#49
Acenaphthylene
Concen: 42.921 ng
RT: 14.001 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

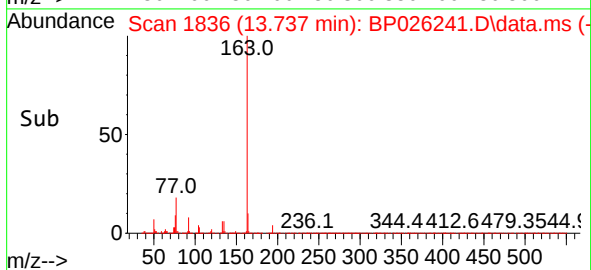
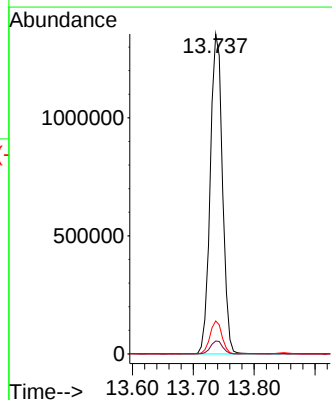
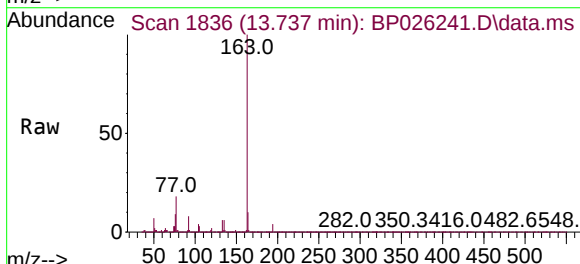
Instrument :
BNA_P
ClientSampleId :
PB170836BS

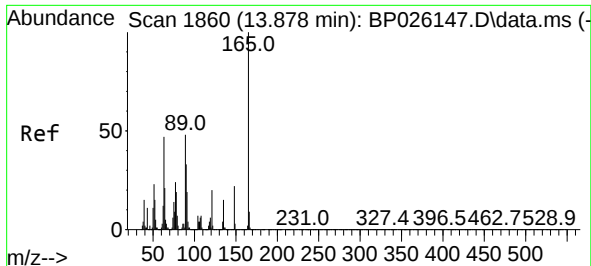
Tgt Ion:152 Resp: 2476601
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 42.908 ng
RT: 13.737 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:163 Resp: 1889650
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.2 12.2

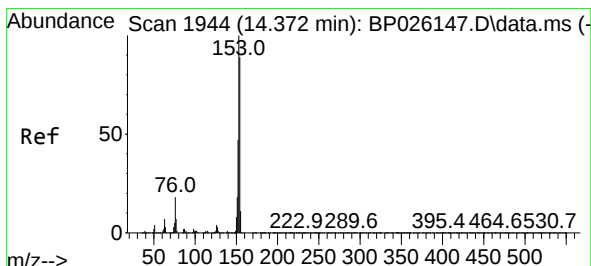
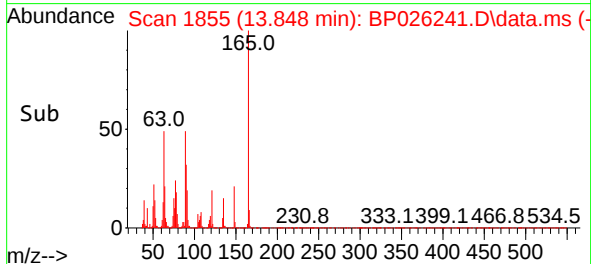
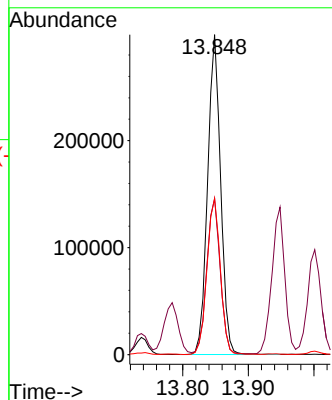
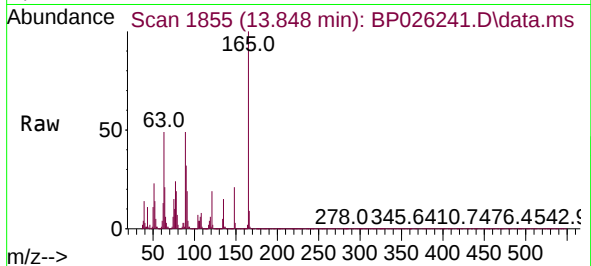




#51
2,6-Dinitrotoluene
Concen: 47.126 ng
RT: 13.848 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

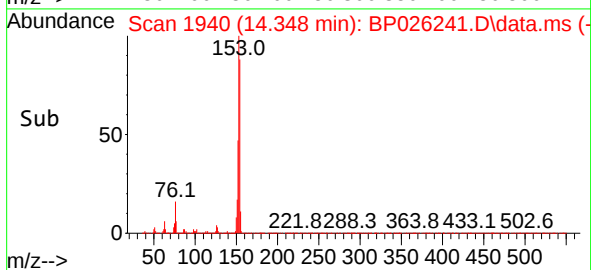
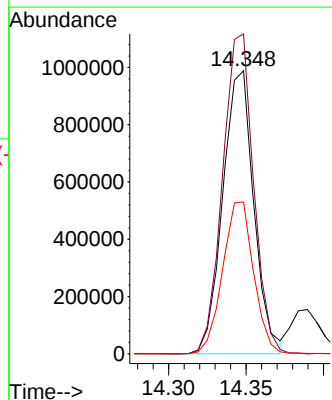
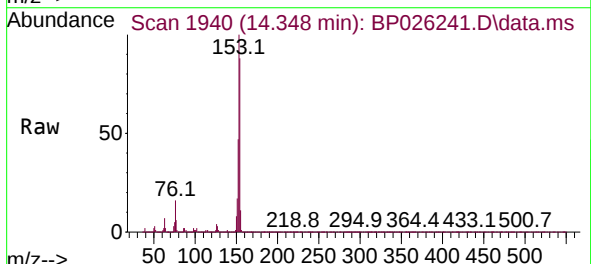
Instrument :
BNA_P
ClientSampleId :
PB170836BS

Tgt Ion:165 Resp: 410146
Ion Ratio Lower Upper
165 100
63 48.7 40.5 60.7
89 48.8 41.3 61.9



#52
Acenaphthene
Concen: 40.901 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:154 Resp: 1379964
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 53.7 42.8 64.2

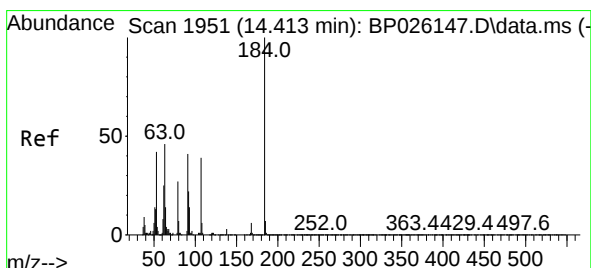
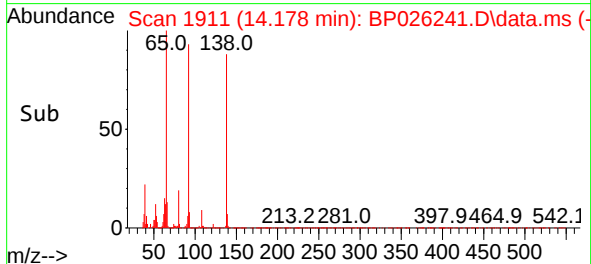
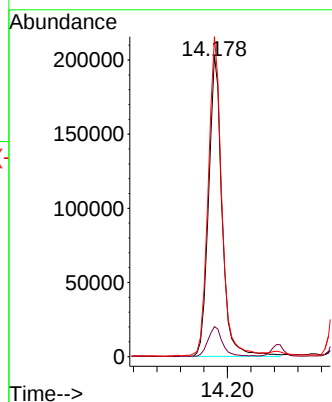
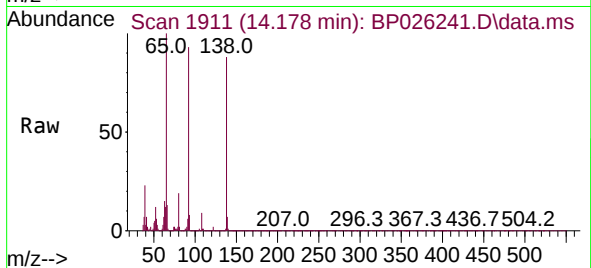




#53
3-Nitroaniline
Concen: 31.664 ng
RT: 14.178 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

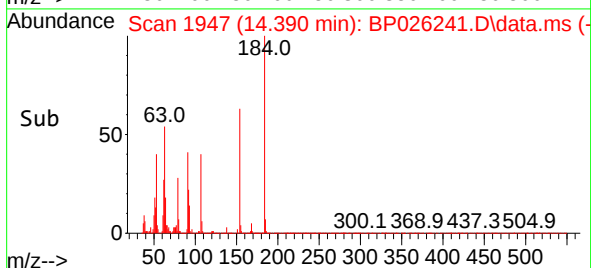
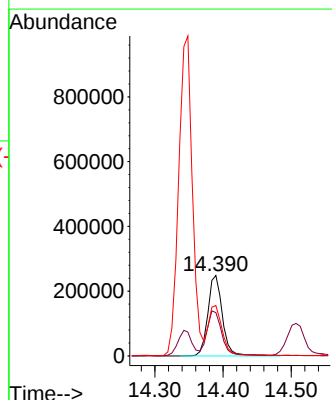
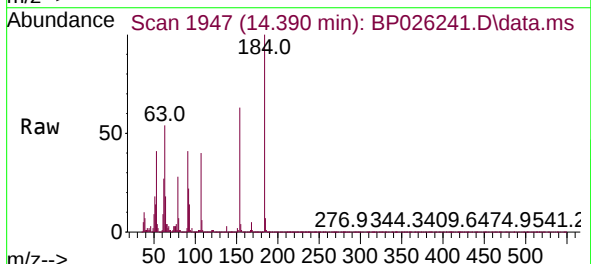
Instrument :
BNA_P
ClientSampleId :
PB170836BS

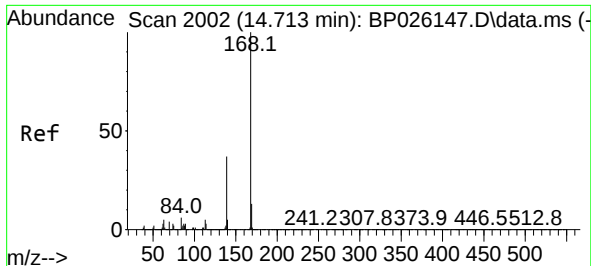
Tgt Ion:138 Resp: 322133
Ion Ratio Lower Upper
138 100
108 9.9 8.9 13.3
92 106.2 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 79.267 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:184 Resp: 367799
Ion Ratio Lower Upper
184 100
63 53.9 43.1 64.7
154 62.5 49.5 74.3

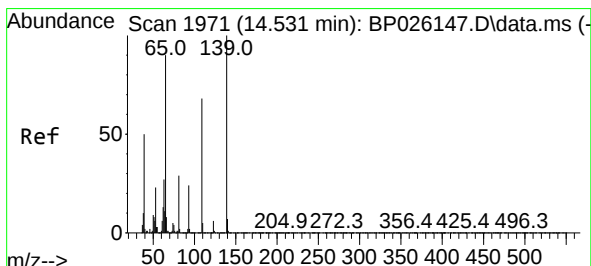
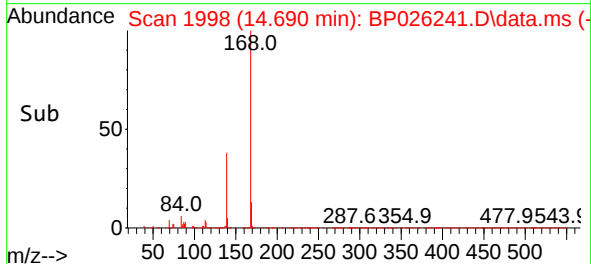
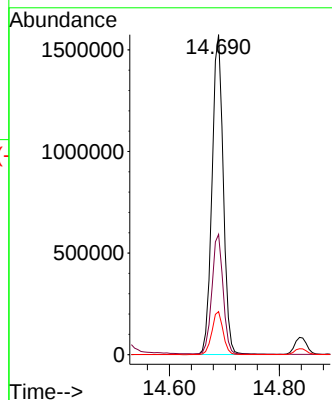
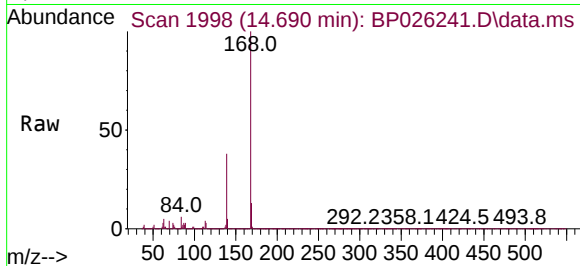




#55
Dibenzofuran
Concen: 42.481 ng
RT: 14.690 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

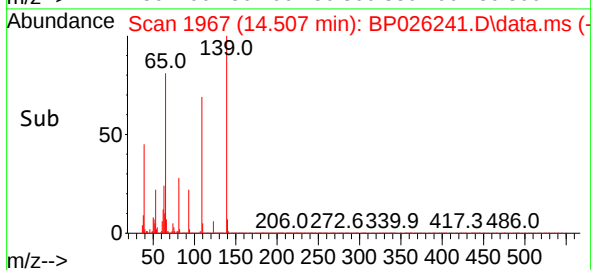
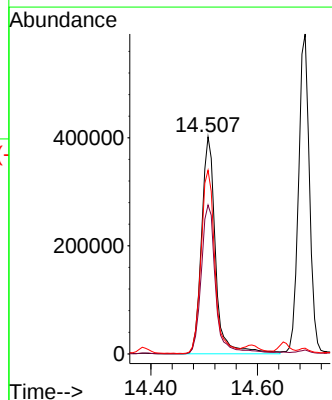
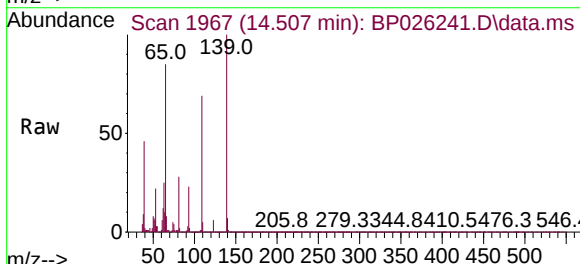
Instrument :
BNA_P
ClientSampleId :
PB170836BS

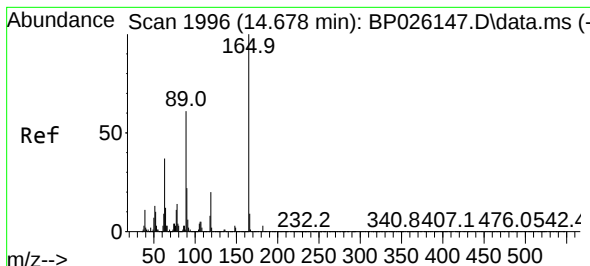
Tgt Ion:168 Resp: 2228951
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 80.748 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:139 Resp: 733523
Ion Ratio Lower Upper
139 100
109 68.6 46.8 86.8
65 84.6 69.3 109.3



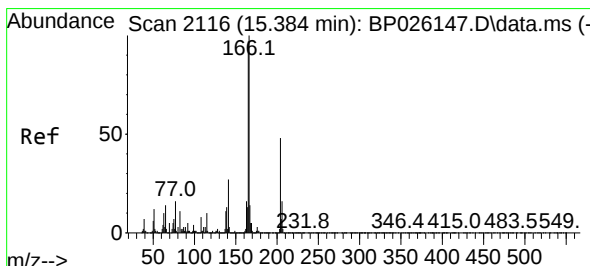
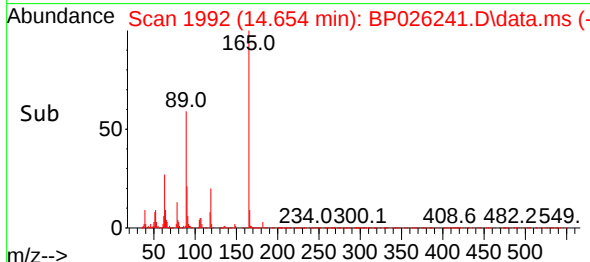
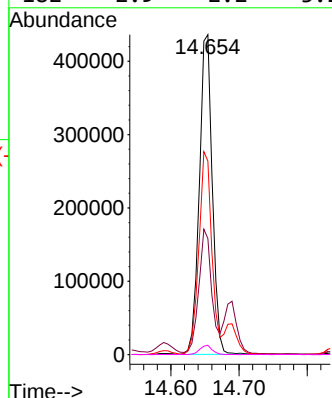
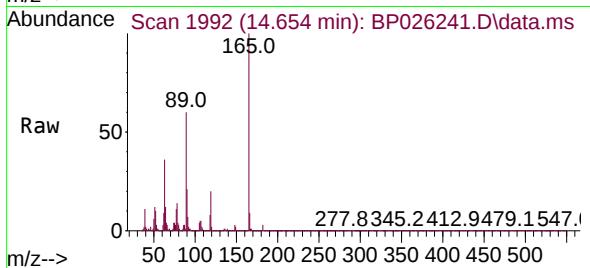


#57
2,4-Dinitrotoluene
Concen: 44.594 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Instrument :
BNA_P
ClientSampleId :
PB170836BS

Tgt Ion:165 Resp: 577338

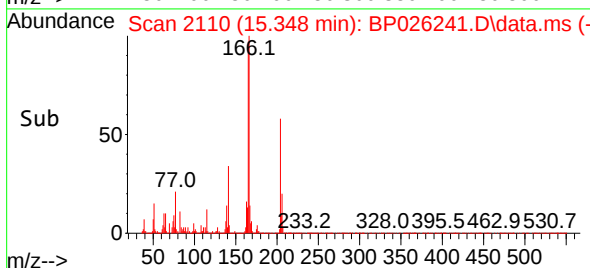
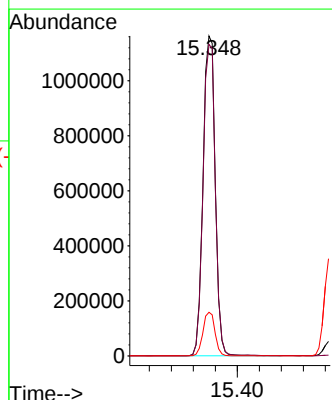
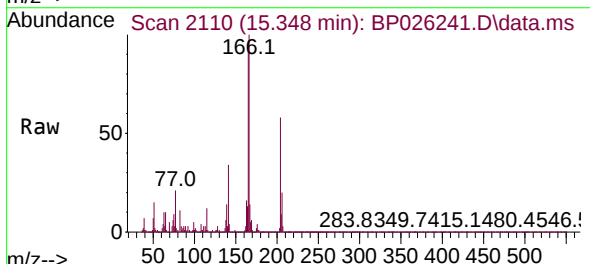
Ion	Ratio	Lower	Upper
165	100		
63	36.3	31.0	46.6
89	60.5	51.7	77.5
182	2.9	2.2	3.2

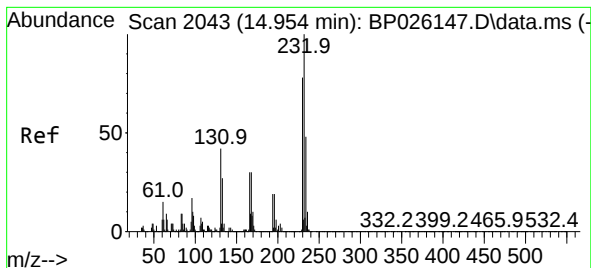


#58
Fluorene
Concen: 42.878 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:166 Resp: 1779817

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.6	11.0	16.4

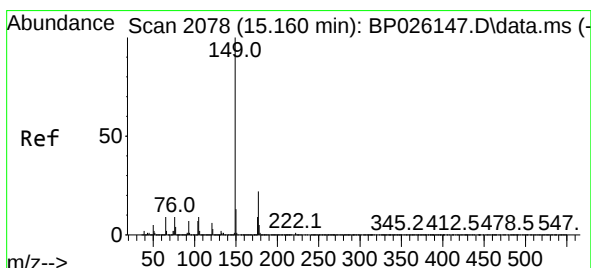
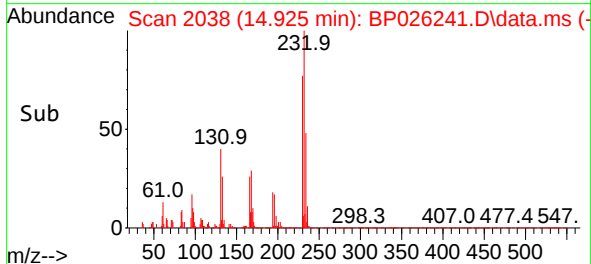
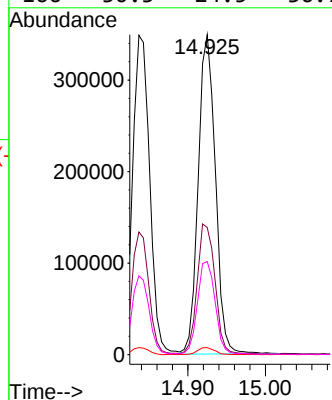
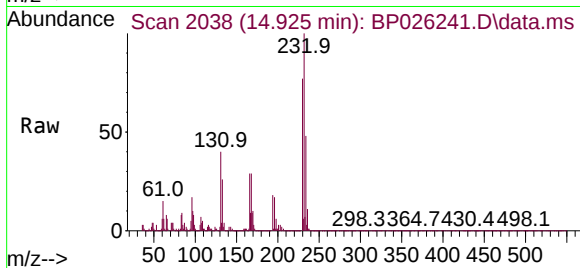




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.507 ng
RT: 14.925 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

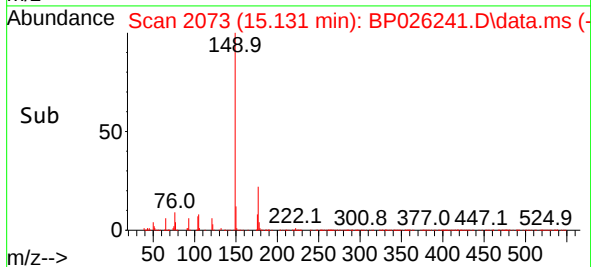
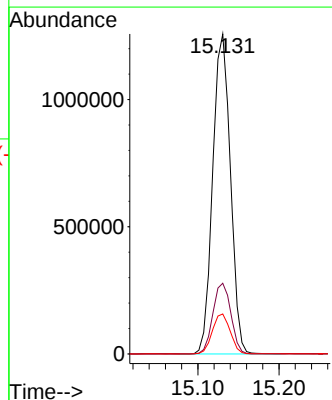
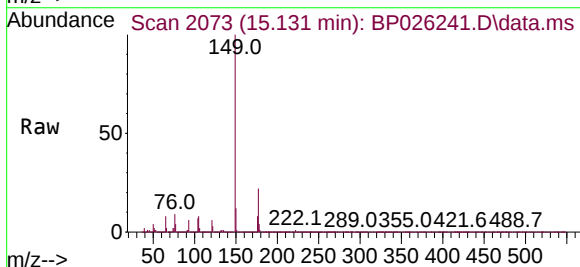
Instrument :
BNA_P
ClientSampleId :
PB170836BS

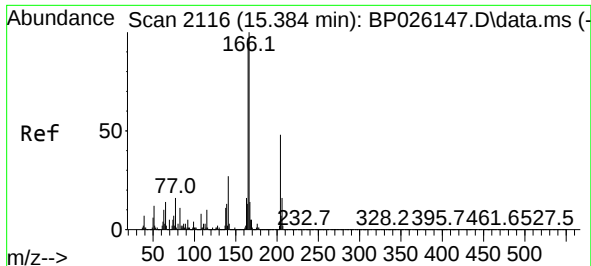
Tgt Ion:232	Resp:	537578
Ion Ratio	Lower	Upper
232	100	
131	42.6	34.8 52.2
130	2.2	1.8 2.8
166	30.3	24.5 36.7



#60
Diethylphthalate
Concen: 43.098 ng
RT: 15.131 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:149	Resp:	1903681
Ion Ratio	Lower	Upper
149	100	
177	22.1	17.9 26.9
150	12.5	9.9 14.9

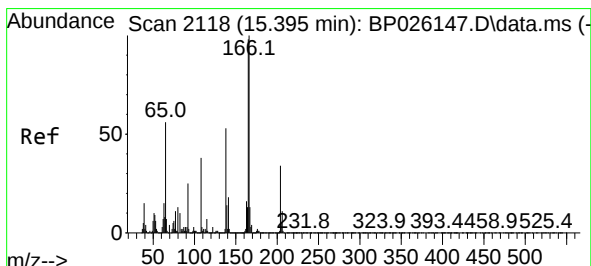
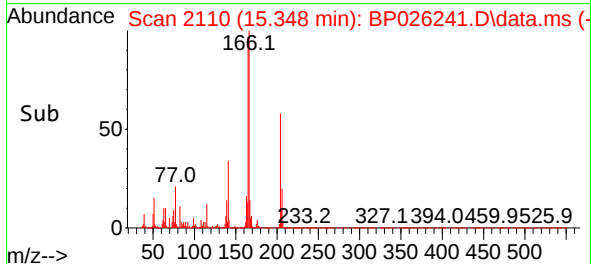
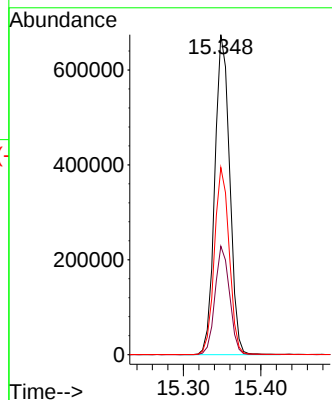
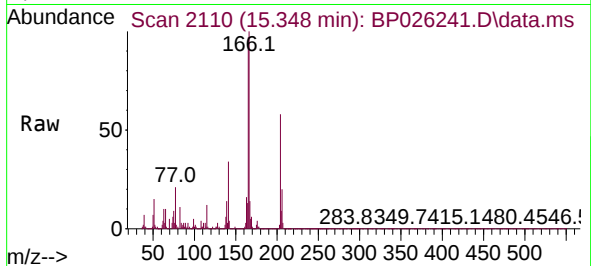




#61
4-Chlorophenyl-phenylether
Concen: 43.469 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

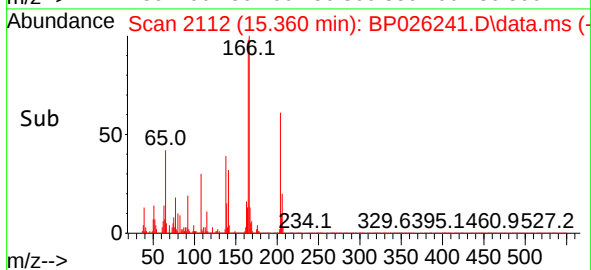
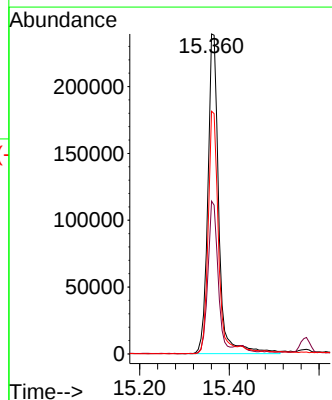
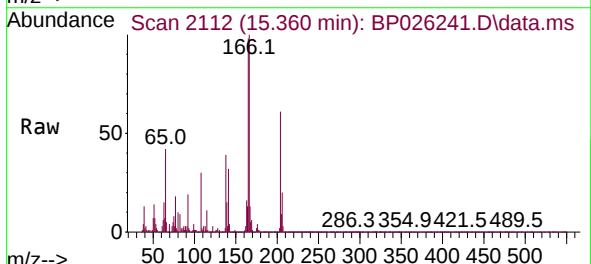
Instrument :
BNA_P
ClientSampleId :
PB170836BS

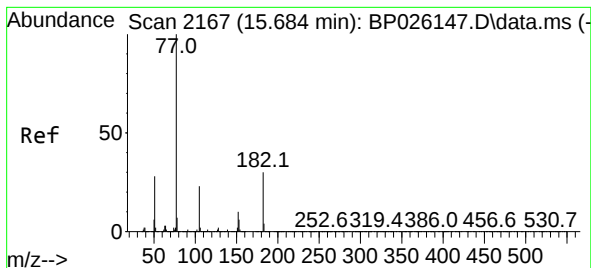
Tgt Ion:204 Resp: 899672
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 58.5 48.1 72.1



#62
4-Nitroaniline
Concen: 38.363 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:138 Resp: 405058
Ion Ratio Lower Upper
138 100
92 47.7 27.5 67.5
108 75.8 51.1 91.1





#63

Azobenzene

Concen: 42.139 ng

RT: 15.654 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

Tgt Ion: 77 Resp: 1565123

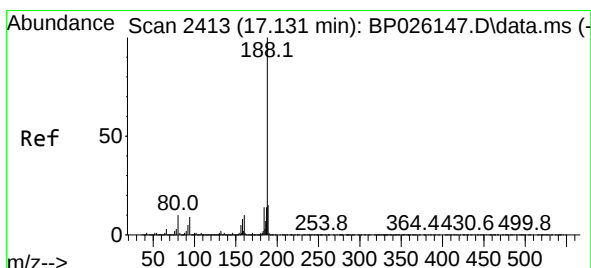
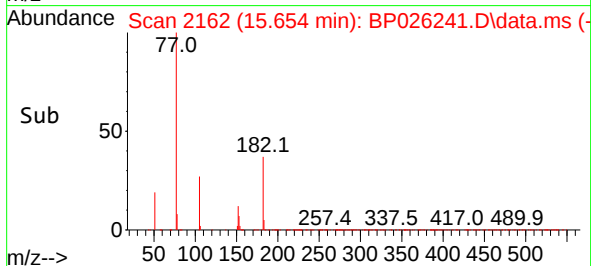
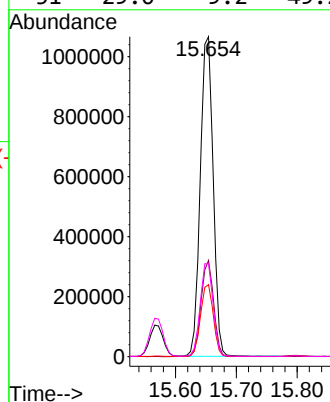
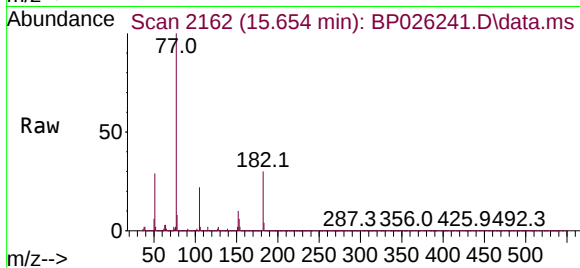
Ion Ratio Lower Upper

77 100

182 30.1 8.8 48.8

105 22.5 2.6 42.6

51 29.0 9.2 49.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.084 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

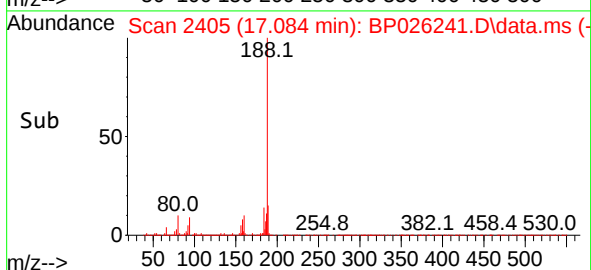
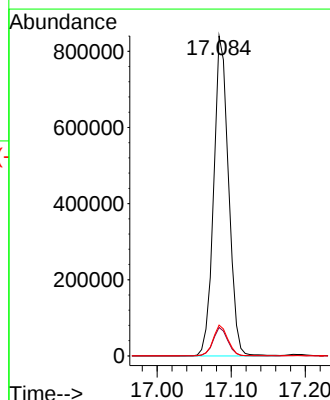
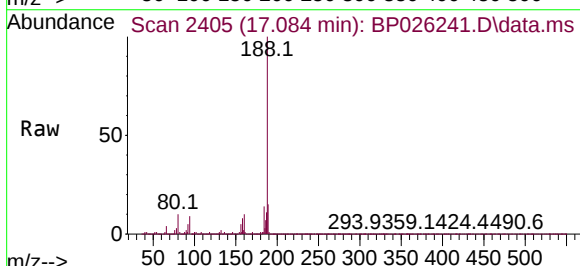
Tgt Ion:188 Resp: 1169642

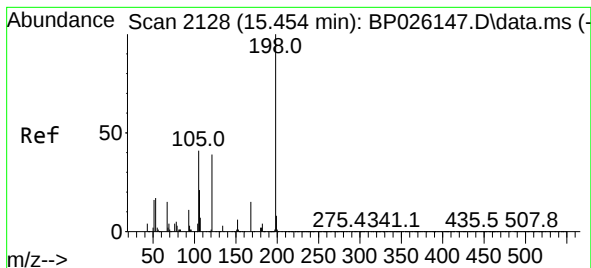
Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 9.6 8.2 12.2

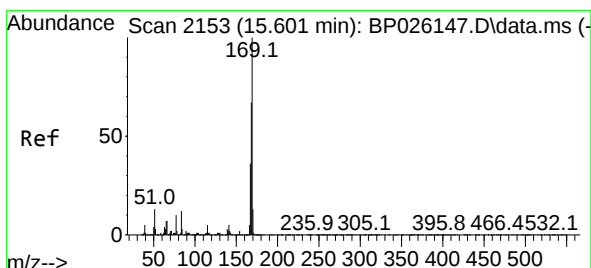
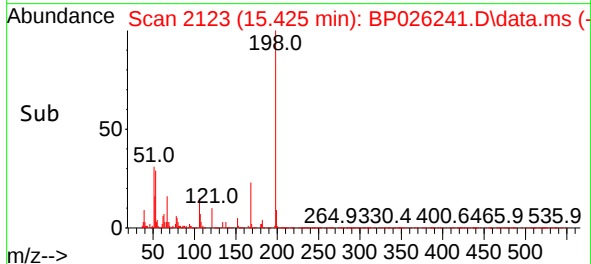
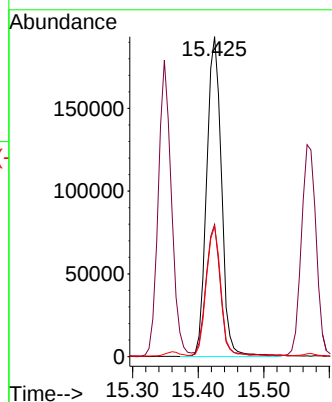
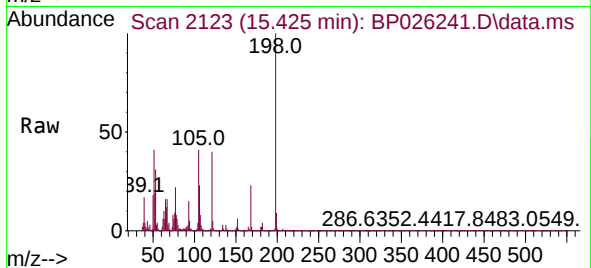




#65
4,6-Dinitro-2-methylphenol
Concen: 43.865 ng
RT: 15.425 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

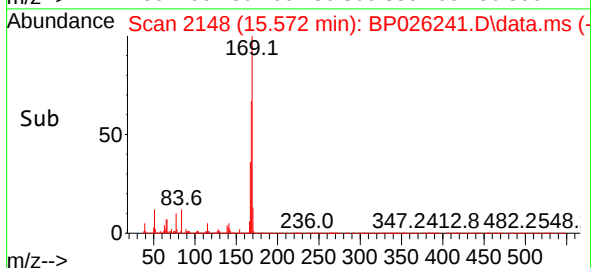
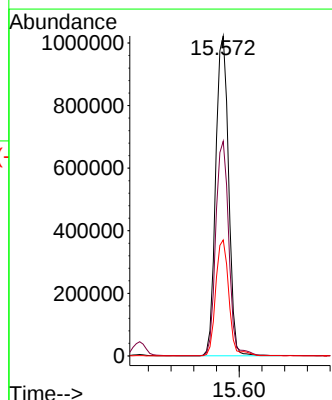
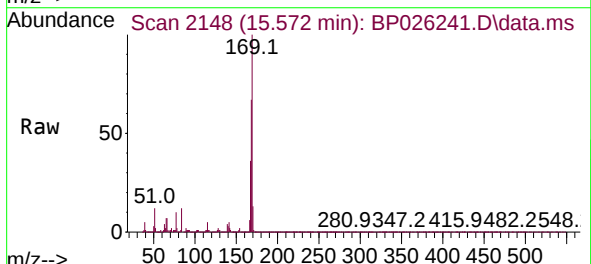
Instrument :
BNA_P
ClientSampleId :
PB170836BS

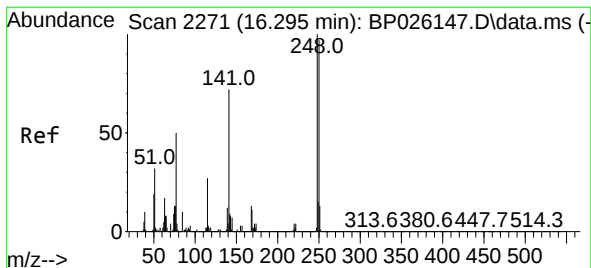
Tgt Ion:198 Resp: 303027
Ion Ratio Lower Upper
198 100
51 41.3 18.4 58.4
105 40.7 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 44.364 ng
RT: 15.572 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:169 Resp: 1604369
Ion Ratio Lower Upper
169 100
168 67.1 53.1 79.7
167 36.2 28.9 43.3

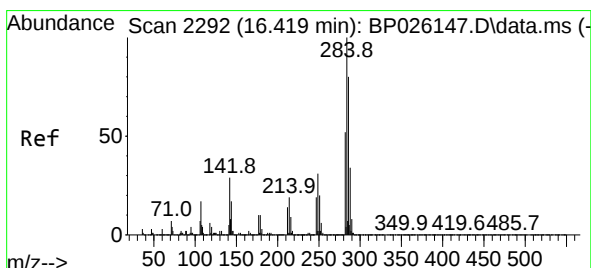
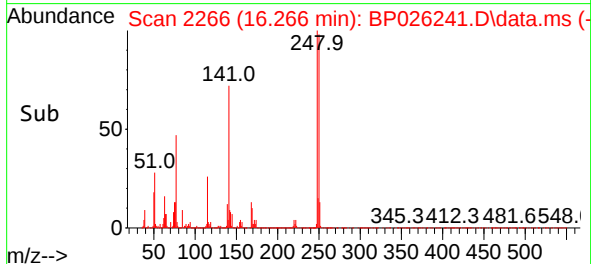
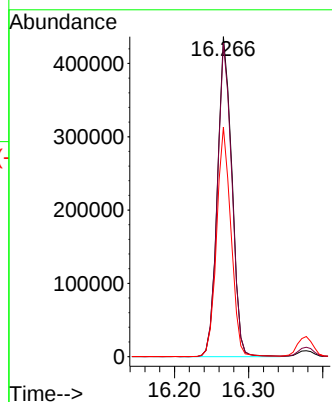
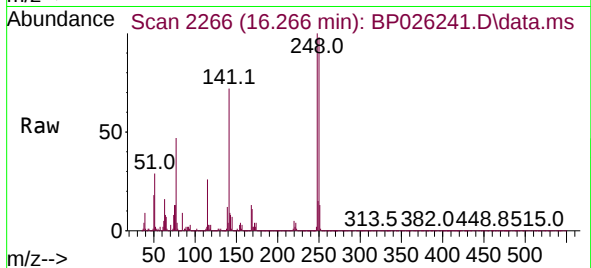




#67
4-Bromophenyl-phenylether
Concen: 45.604 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

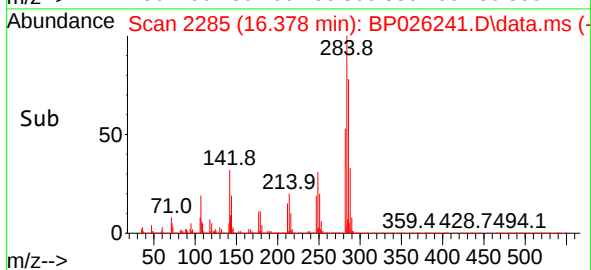
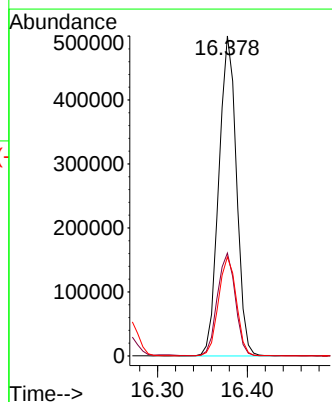
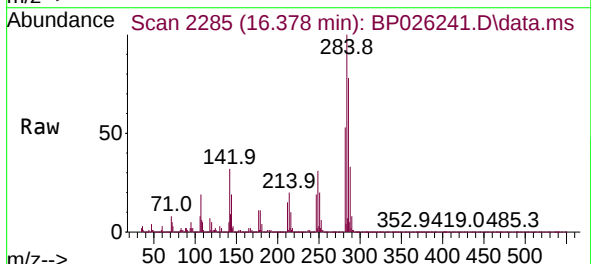
Instrument :
BNA_P
ClientSampleId :
PB170836BS

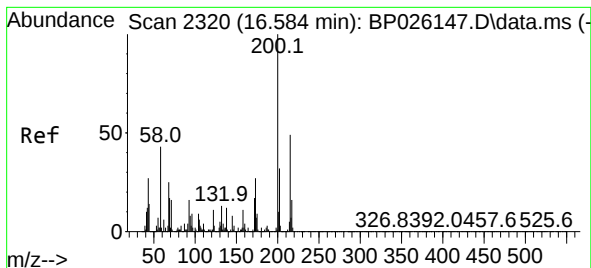
Tgt Ion:248 Resp: 591340
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 71.7 55.4 83.0



#68
Hexachlorobenzene
Concen: 45.552 ng
RT: 16.378 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:284 Resp: 686475
Ion Ratio Lower Upper
284 100
142 32.1 28.0 42.0
249 30.9 25.0 37.4





#69

Atrazine

Concen: 44.397 ng

RT: 16.548 min Scan# 2314

Delta R.T. -0.012 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

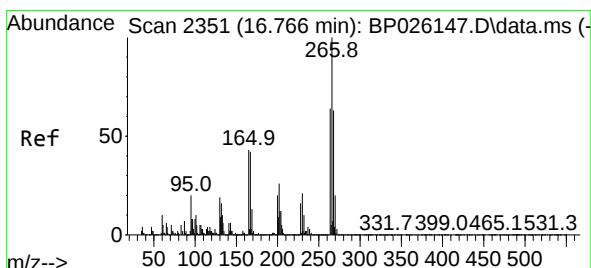
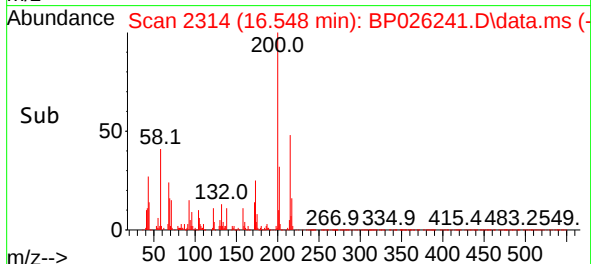
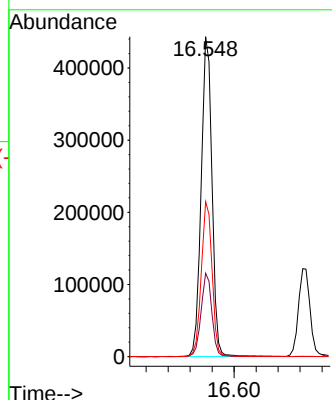
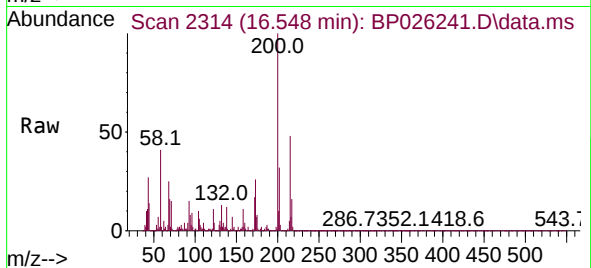
Tgt Ion:200 Resp: 603675

Ion Ratio Lower Upper

200 100

173 26.0 6.7 46.7

215 48.4 27.4 67.4



#70

Pentachlorophenol

Concen: 90.614 ng

RT: 16.731 min Scan# 2345

Delta R.T. -0.012 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

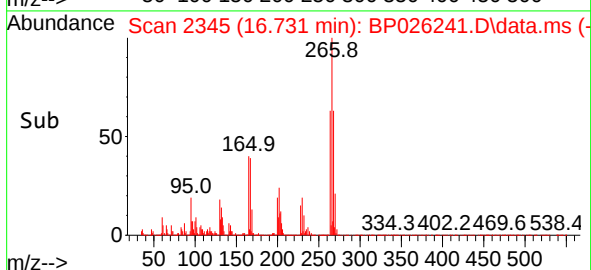
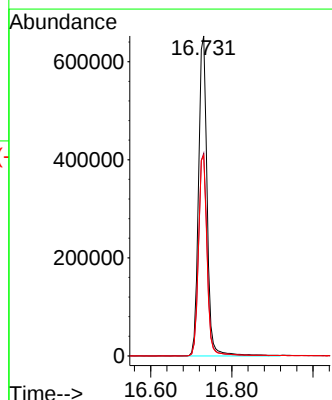
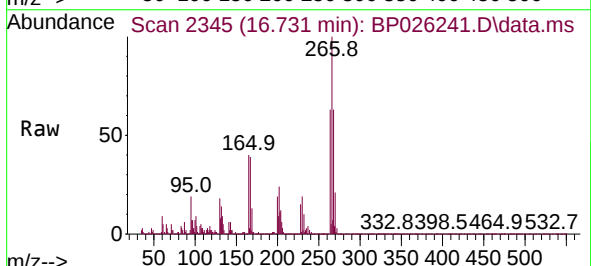
Tgt Ion:266 Resp: 947333

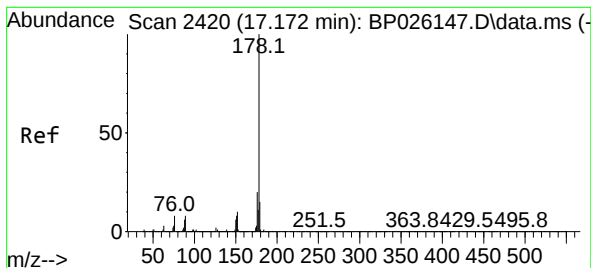
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.4

264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 43.635 ng

RT: 17.131 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

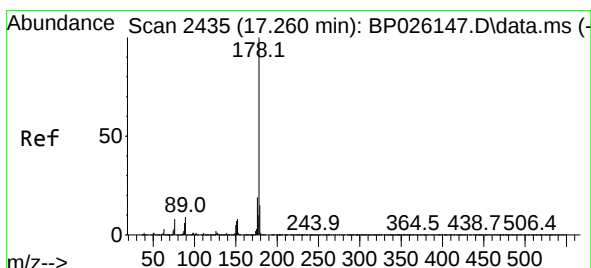
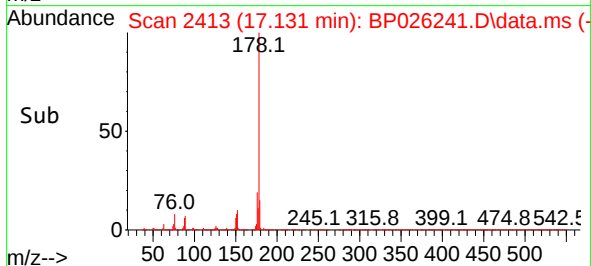
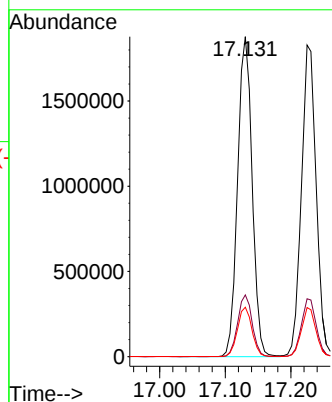
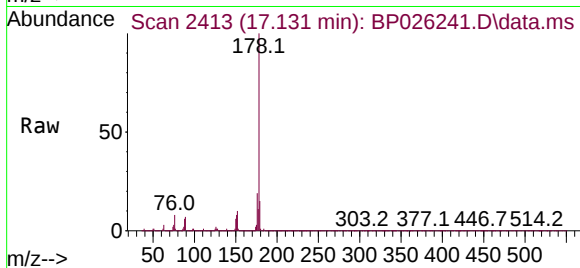
Tgt Ion:178 Resp: 2877172

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.4 18.6



#72

Anthracene

Concen: 43.054 ng

RT: 17.225 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

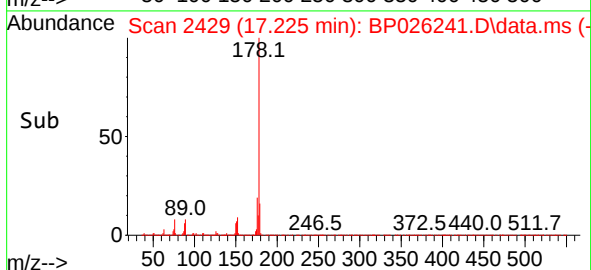
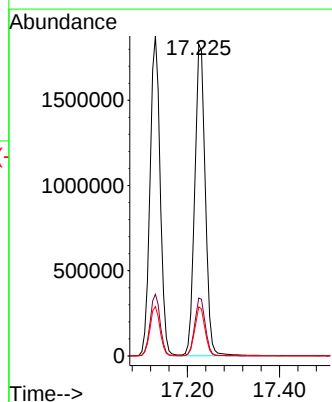
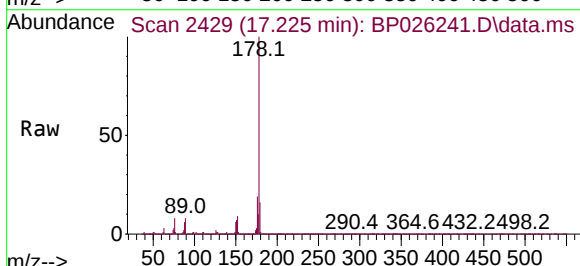
Tgt Ion:178 Resp: 2891480

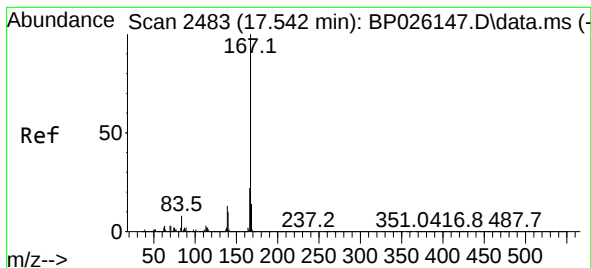
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.7 12.2 18.4





#73

Carbazole

Concen: 43.184 ng

RT: 17.507 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

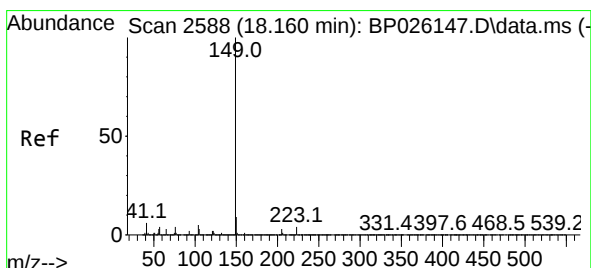
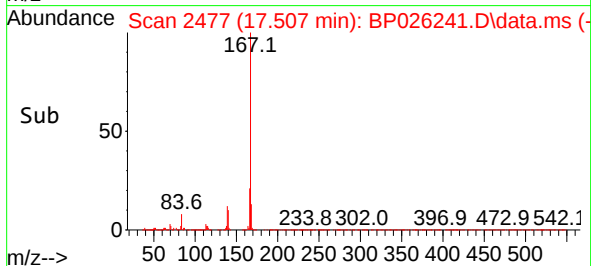
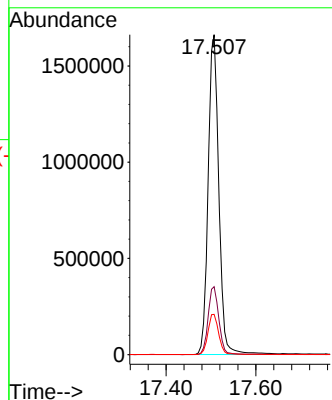
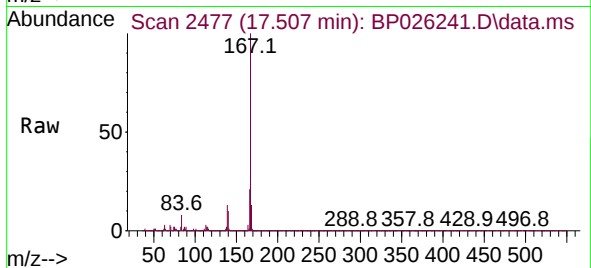
Tgt Ion:167 Resp: 2745693

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.926 ng

RT: 18.107 min Scan# 2579

Delta R.T. -0.018 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

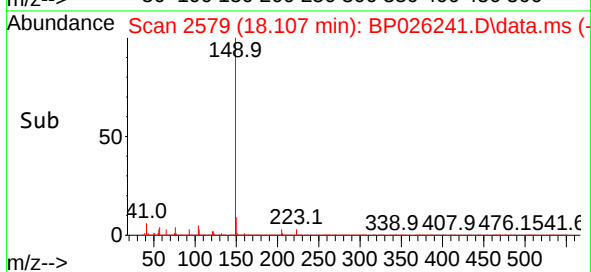
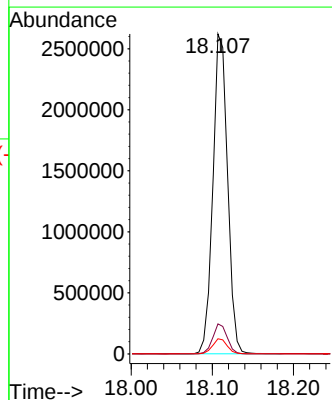
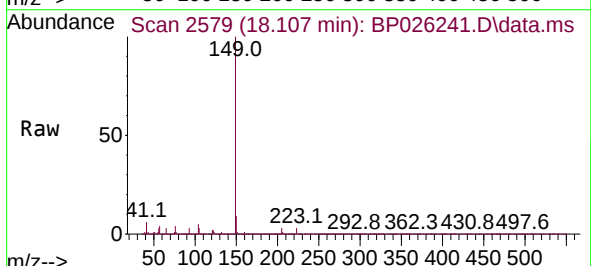
Tgt Ion:149 Resp: 3299537

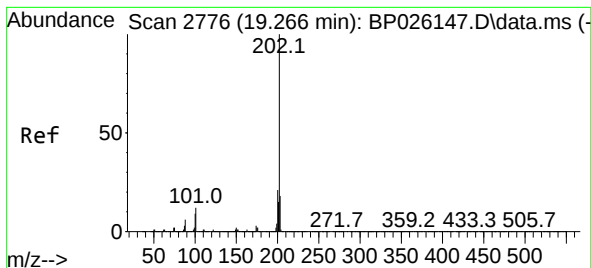
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 43.019 ng

RT: 19.230 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

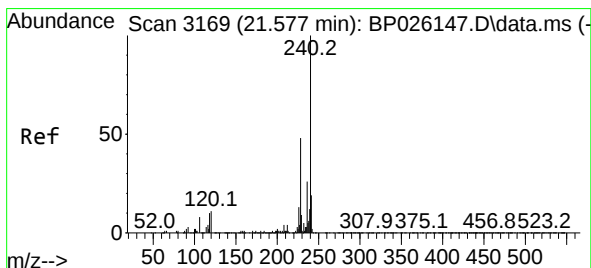
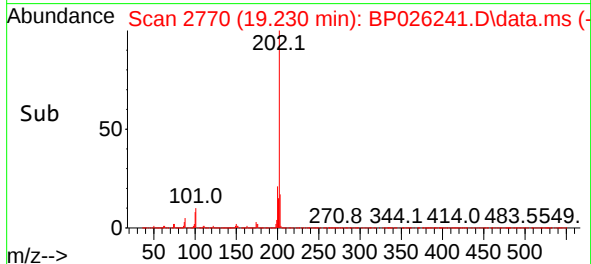
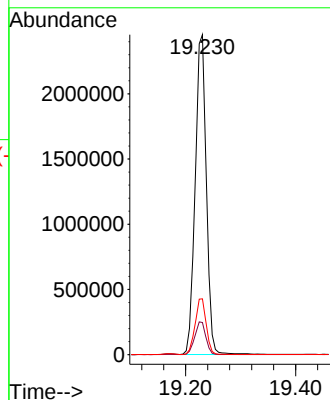
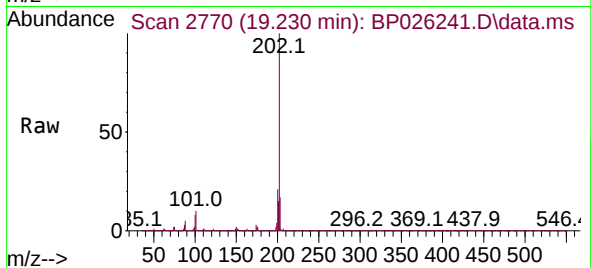
Tgt Ion:202 Resp: 3452143

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.2

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

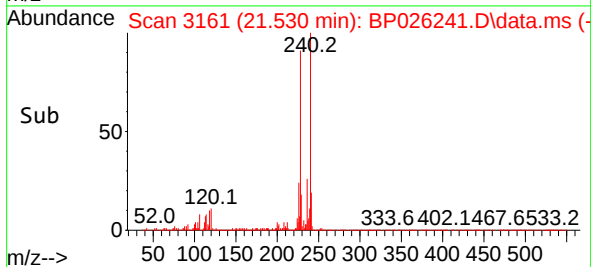
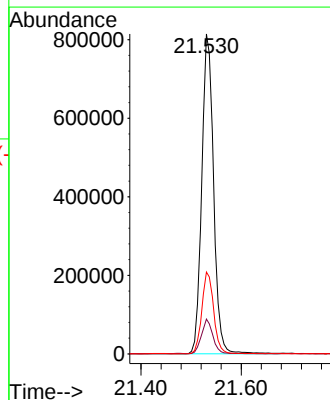
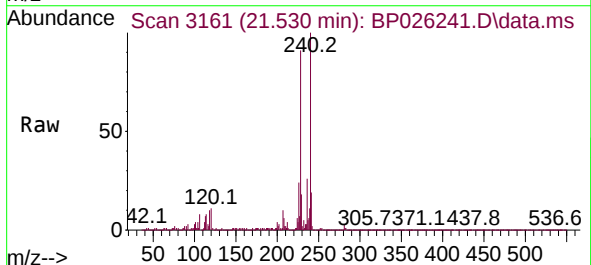
Tgt Ion:240 Resp: 1334531

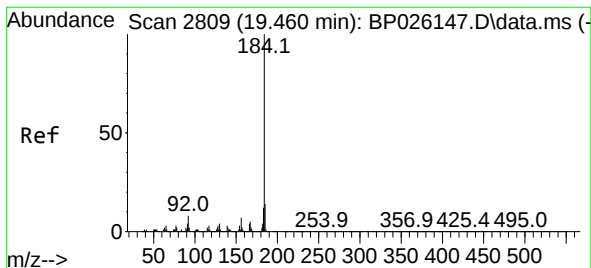
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.6 20.4 30.6





#77

Benzidine

Concen: 13.935 ng

RT: 19.425 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

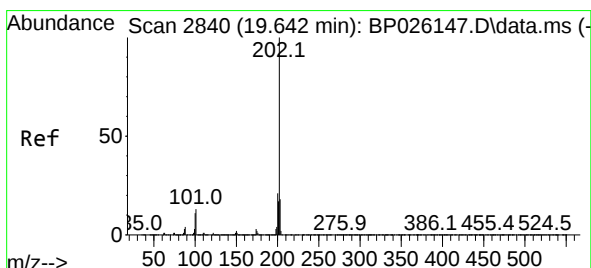
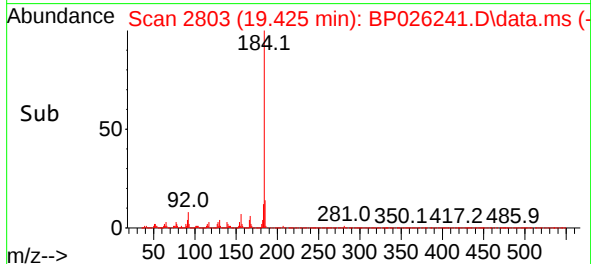
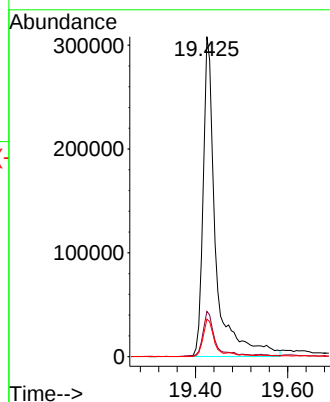
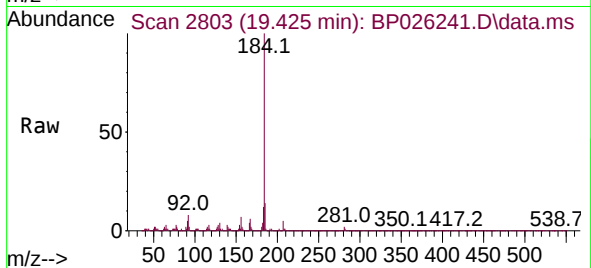
Tgt Ion:184 Resp: 583867

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

183 11.7 9.0 13.6



#78

Pyrene

Concen: 41.991 ng

RT: 19.601 min Scan# 2833

Delta R.T. -0.012 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

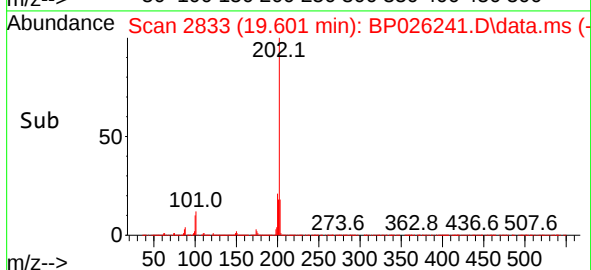
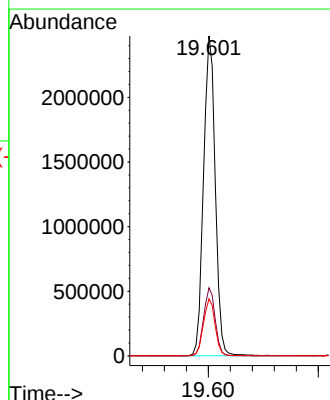
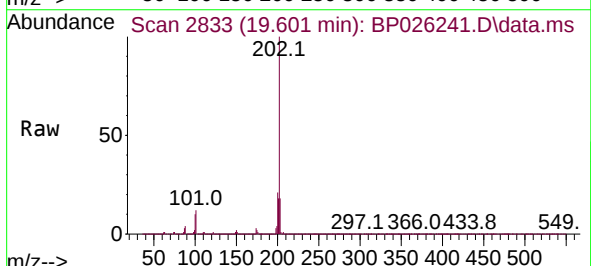
Tgt Ion:202 Resp: 3651758

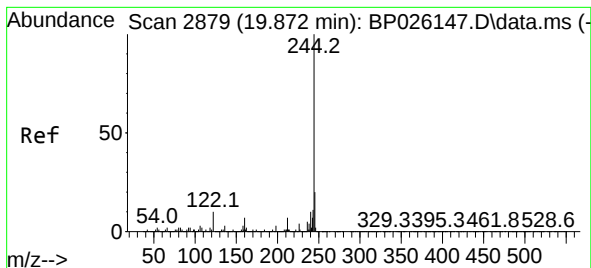
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 80.648 ng

RT: 19.830 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

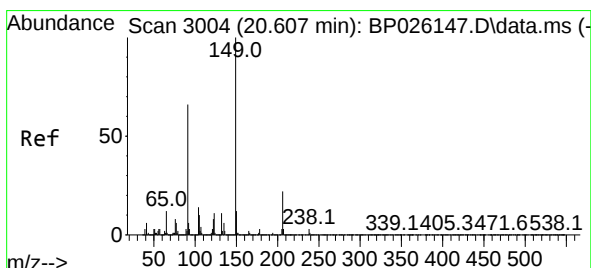
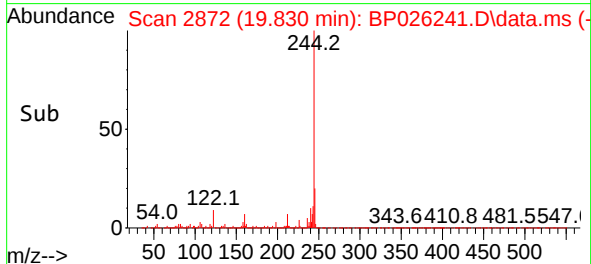
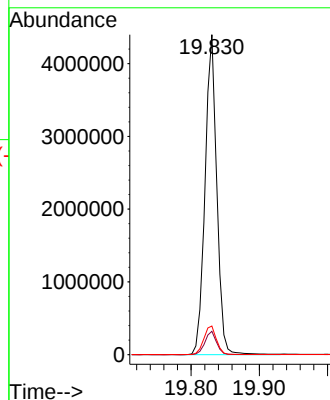
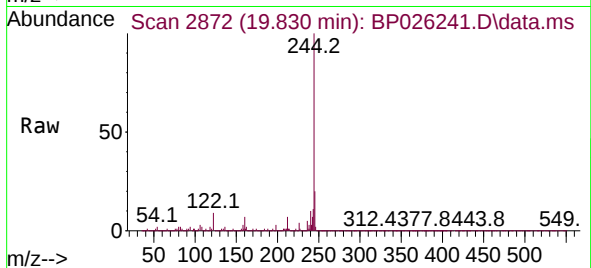
Tgt Ion:244 Resp: 5265729

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 8.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 42.300 ng

RT: 20.566 min Scan# 2997

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

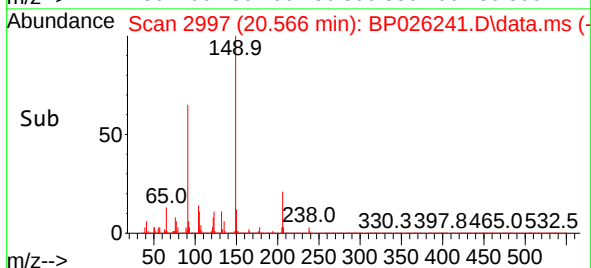
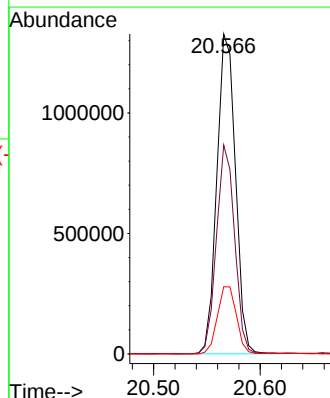
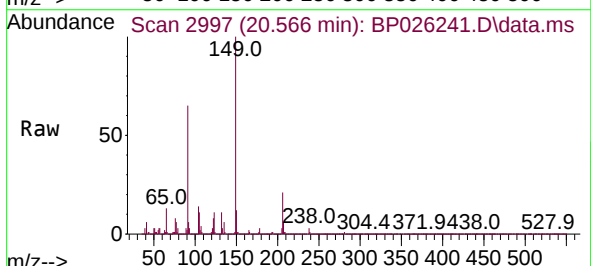
Tgt Ion:149 Resp: 1614468

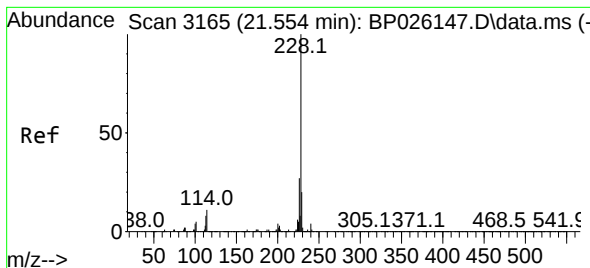
Ion Ratio Lower Upper

149 100

91 65.3 52.6 79.0

206 21.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.367 ng

RT: 21.513 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

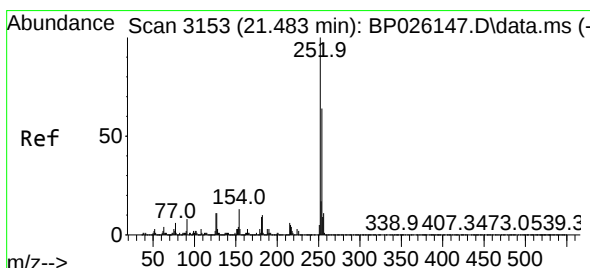
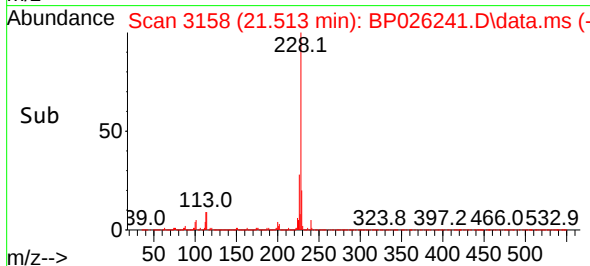
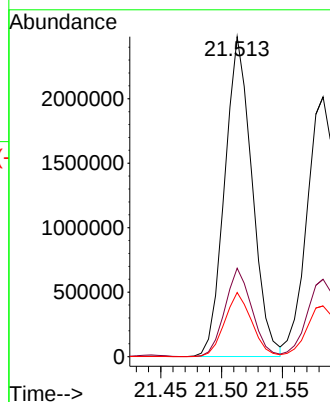
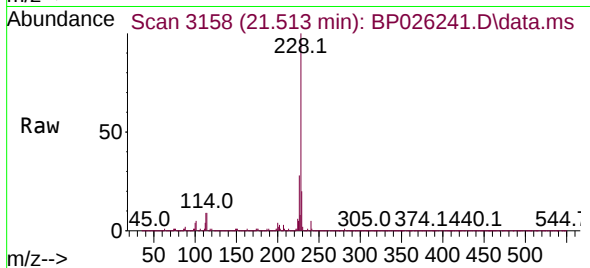
Tgt Ion:228 Resp: 3878508

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 33.336 ng

RT: 21.442 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

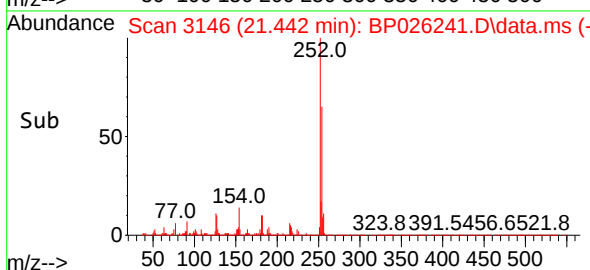
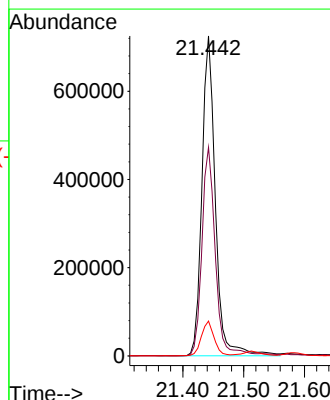
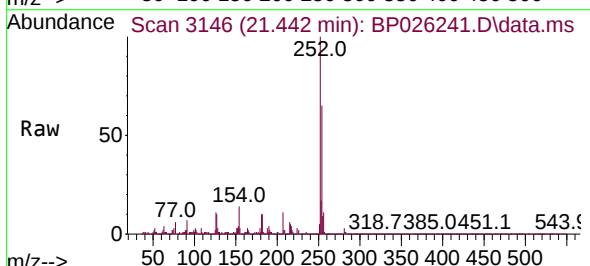
Tgt Ion:252 Resp: 1110348

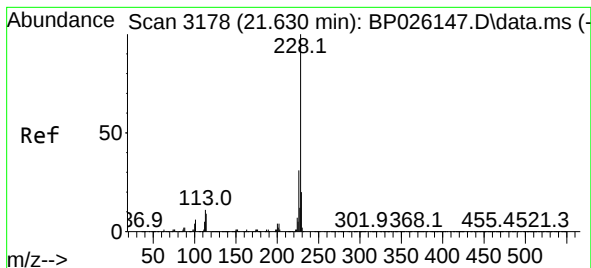
Ion Ratio Lower Upper

252 100

254 65.2 51.2 76.8

126 10.9 8.2 12.4





#83

Chrysene

Concen: 43.284 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

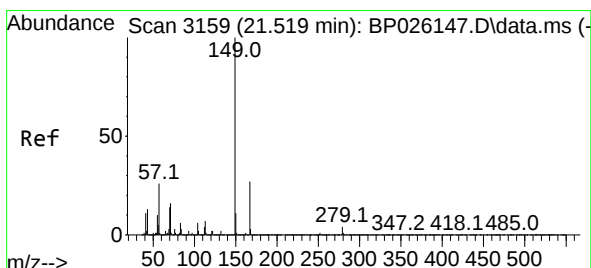
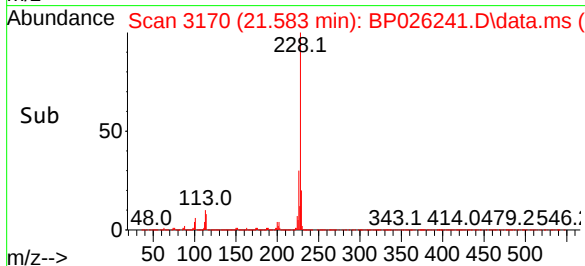
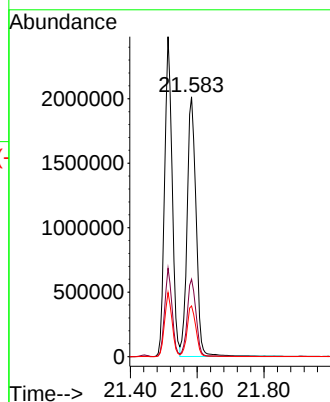
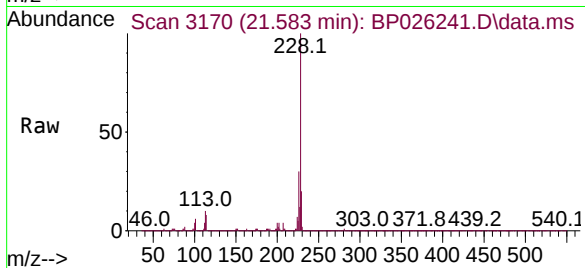
Tgt Ion:228 Resp: 3751903

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.560 ng

RT: 21.477 min Scan# 3152

Delta R.T. 0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

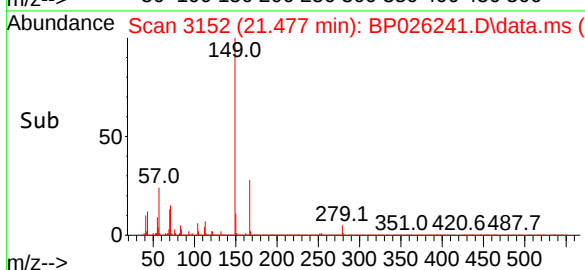
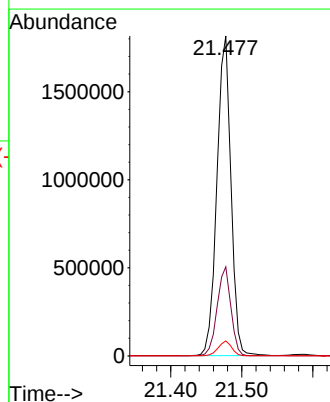
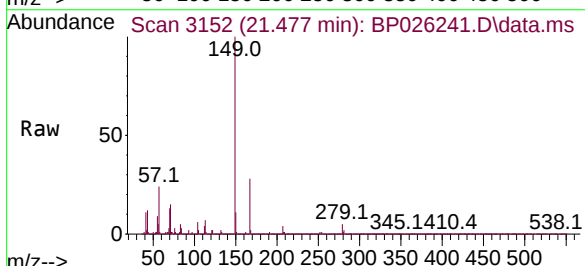
Tgt Ion:149 Resp: 2500838

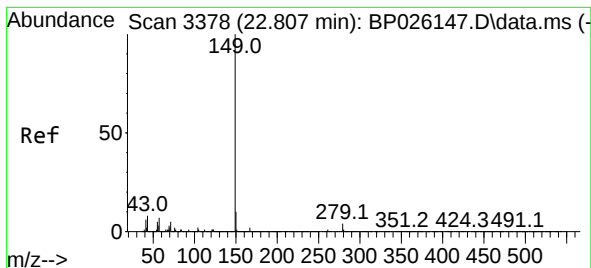
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.899 ng

RT: 22.736 min Scan# 3378

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

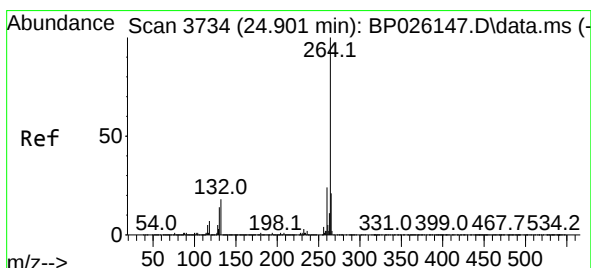
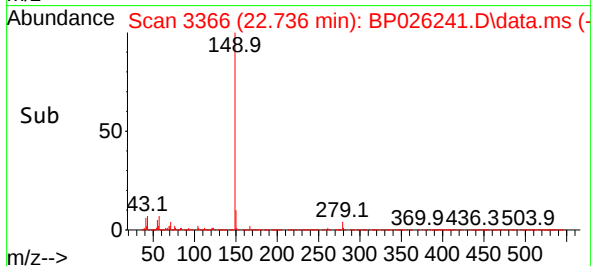
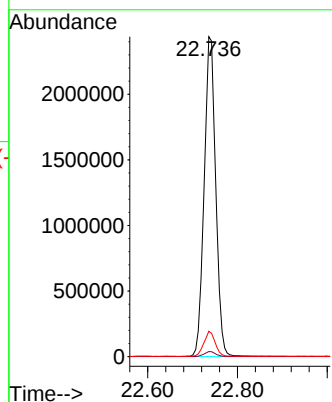
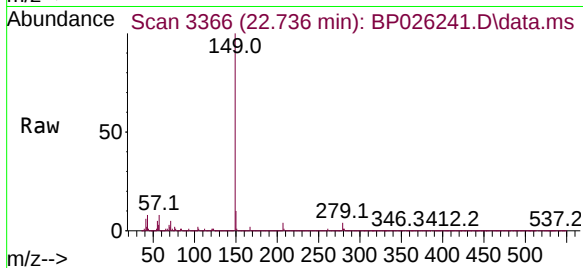
Tgt Ion:149 Resp: 4342059

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.7 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 3723

Delta R.T. 0.012 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

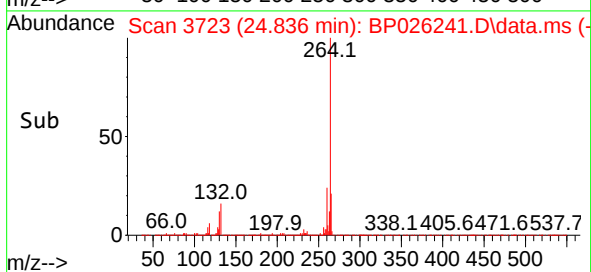
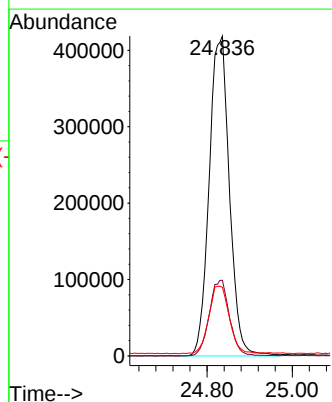
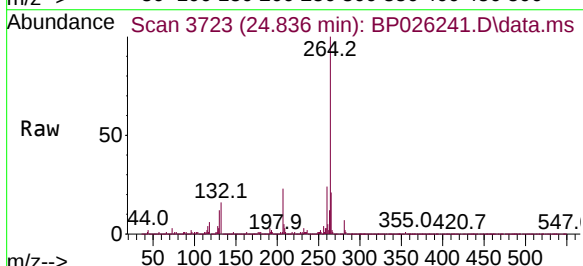
Tgt Ion:264 Resp: 1379478

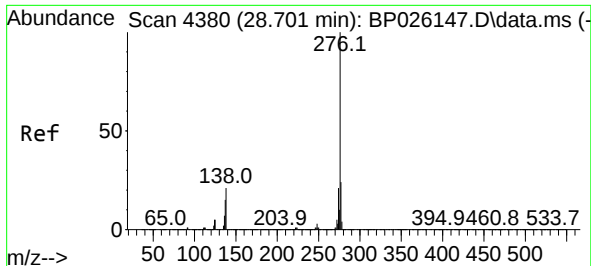
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.4 17.5 26.3

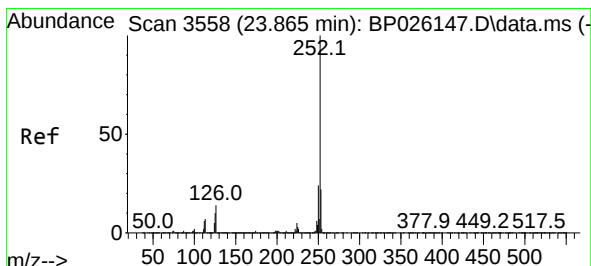
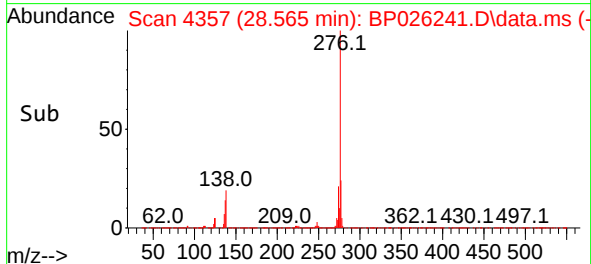
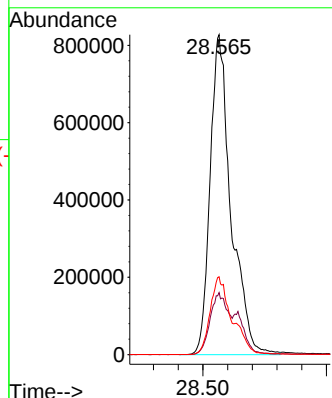
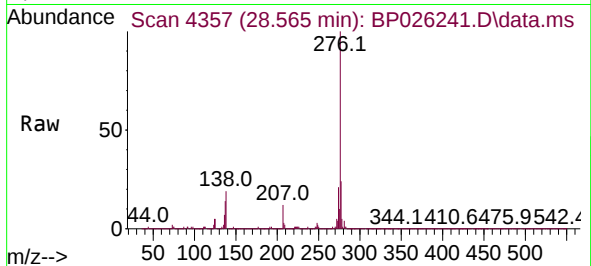




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.624 ng
 RT: 28.565 min Scan# 4380
 Delta R.T. -0.018 min
 Lab File: BP026241.D
 Acq: 05 Dec 2025 16:35

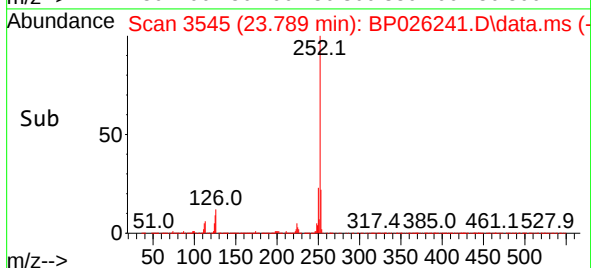
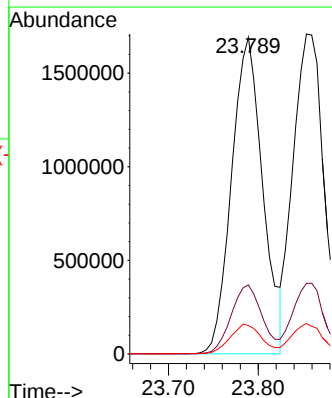
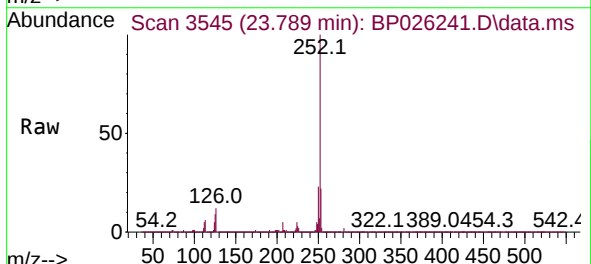
Instrument :
 BNA_P
 ClientSampleId :
 PB170836BS

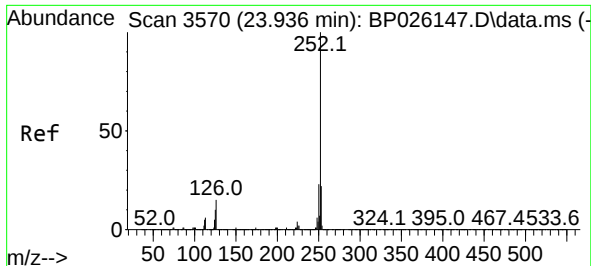
Tgt Ion:276 Resp: 4860849
 Ion Ratio Lower Upper
 276 100
 138 16.7 13.8 20.8
 277 25.4 16.7 25.1#



#88
 Benzo(b)fluoranthene
 Concen: 48.820 ng
 RT: 23.789 min Scan# 3545
 Delta R.T. -0.006 min
 Lab File: BP026241.D
 Acq: 05 Dec 2025 16:35

Tgt Ion:252 Resp: 4092938
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 9.0 8.2 12.4

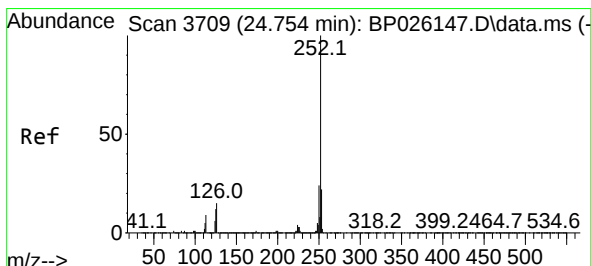
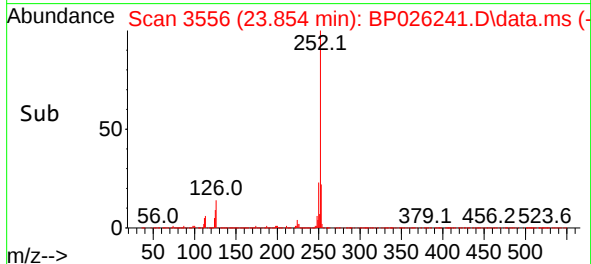
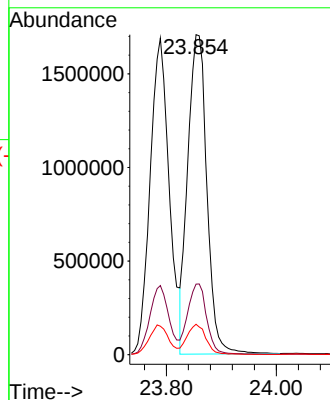
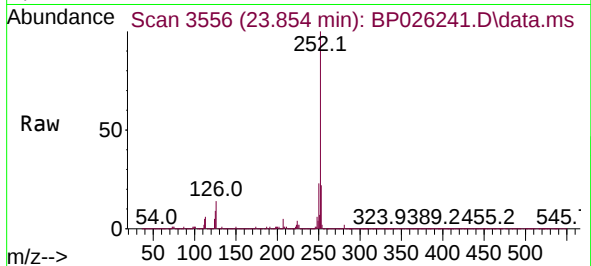




#89
Benzo(k)fluoranthene
Concen: 49.026 ng
RT: 23.854 min Scan# 311
Delta R.T. -0.012 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

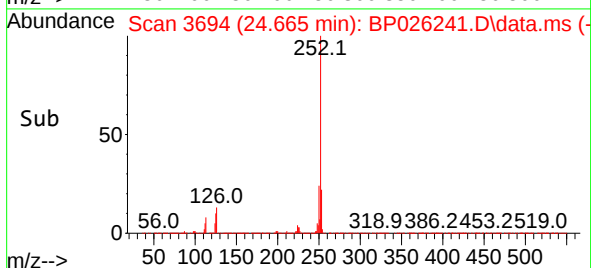
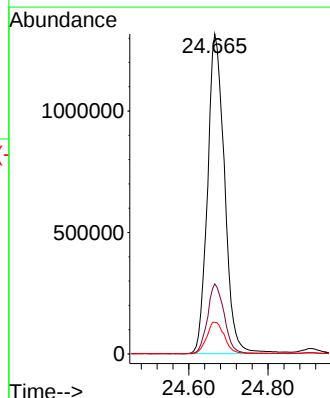
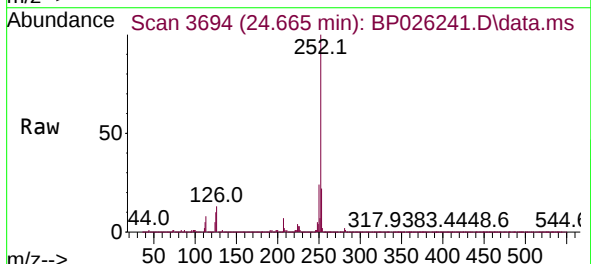
Instrument :
BNA_P
ClientSampleId :
PB170836BS

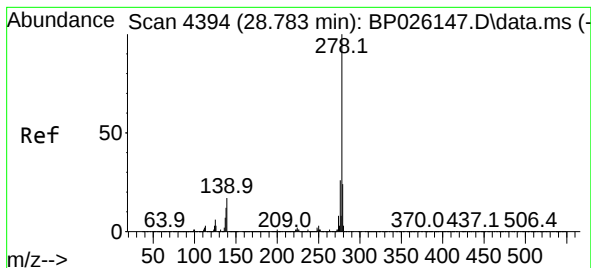
Tgt Ion:252 Resp: 4111490
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 49.252 ng
RT: 24.665 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP026241.D
Acq: 05 Dec 2025 16:35

Tgt Ion:252 Resp: 3915475
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 47.205 ng

RT: 28.636 min Scan# 43

Delta R.T. -0.012 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Instrument :

BNA_P

ClientSampleId :

PB170836BS

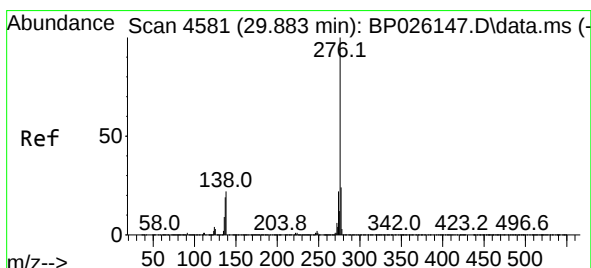
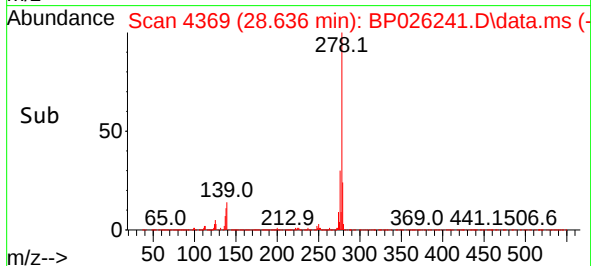
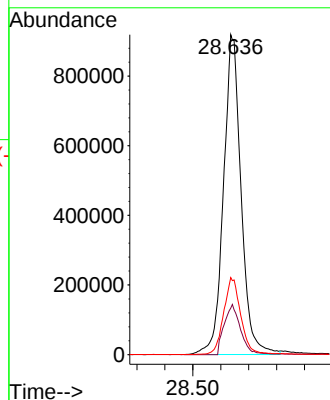
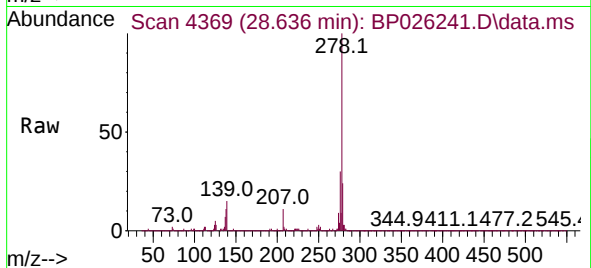
Tgt Ion:278 Resp: 4025300

Ion Ratio Lower Upper

278 100

139 14.5 13.2 19.8

279 24.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 46.642 ng

RT: 29.742 min Scan# 4557

Delta R.T. -0.006 min

Lab File: BP026241.D

Acq: 05 Dec 2025 16:35

Tgt Ion:276 Resp: 3964946

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.8 17.8 26.6

