

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024707.D
 Acq On : 20 May 2025 14:35
 Operator : RC/JU
 Sample : PB168048BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168048BS

Quant Time: May 20 15:06:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	124819	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	494827	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	304328	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	614284	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	693187	20.000	ng	0.00
86) Perylene-d12	24.792	264	827509	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	893003	122.366	ng	0.00
7) Phenol-d6	6.863	99	1089104	116.932	ng	0.01
23) Nitrobenzene-d5	8.810	82	680416	69.477	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	718839	139.330	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1730298	74.489	ng	-0.01
79) Terphenyl-d14	19.816	244	3106963	76.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	105719	30.850	ng	97
3) Pyridine	3.617	79	245584	32.320	ng	93
4) n-Nitrosodimethylamine	3.528	42	126980	37.853	ng	84
6) Aniline	6.999	93	311151	25.875	ng	99
8) 2-Chlorophenol	7.234	128	345097	41.656	ng	99
9) Benzaldehyde	6.810	77	184460	30.594	ng	99
10) Phenol	6.887	94	384088	39.954	ng	96
11) bis(2-Chloroethyl)ether	7.093	93	281912	35.689	ng	99
12) 1,3-Dichlorobenzene	7.546	146	372303	39.061	ng	99
13) 1,4-Dichlorobenzene	7.693	146	377192	39.347	ng	99
14) 1,2-Dichlorobenzene	8.005	146	361042	38.651	ng	100
15) Benzyl Alcohol	7.905	79	282068	39.852	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	330220	34.907	ng	99
17) 2-Methylphenol	8.116	107	274999	39.885	ng	98
18) Hexachloroethane	8.716	117	139528	37.982	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	215124	33.390	ng	96
20) 3+4-Methylphenols	8.446	107	363562	38.764	ng	96
22) Acetophenone	8.475	105	480484	38.873	ng	# 100
24) Nitrobenzene	8.846	77	325420	37.759	ng	96
25) Isophorone	9.369	82	610351	35.928	ng	98
26) 2-Nitrophenol	9.551	139	184377	43.659	ng	96
27) 2,4-Dimethylphenol	9.628	122	319643	42.929	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	377505	37.195	ng	99
29) 2,4-Dichlorophenol	10.104	162	316434	43.856	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	333960	41.073	ng	97
31) Naphthalene	10.475	128	1011010	39.427	ng	100
32) Benzoic acid	9.804	122	190843	38.557	ng	97
33) 4-Chloroaniline	10.599	127	201537	19.477	ng	99
34) Hexachlorobutadiene	10.757	225	223160	42.367	ng	98
35) Caprolactam	11.393	113	103513	39.652	ng	97
36) 4-Chloro-3-methylphenol	11.746	107	368425	41.871	ng	99
37) 2-Methylnaphthalene	12.087	142	656171	39.519	ng	99
38) 1-Methylnaphthalene	12.310	142	701480	39.485	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	384111	43.465	ng	100
41) Hexachlorocyclopentadiene	12.434	237	477928	89.188	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	265360	46.359	ng	98

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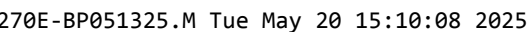
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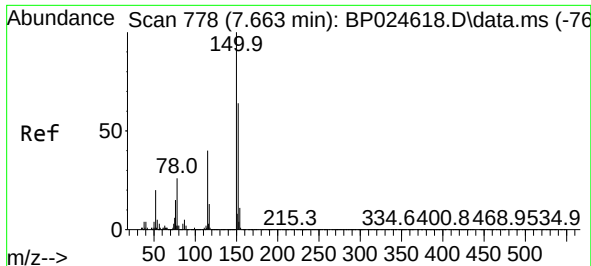
Quant Time: May 20 15:06:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	286530	44.970	ng	98
46) 1,1'-Biphenyl	13.110	154	963510	42.836	ng	99
47) 2-Chloronaphthalene	13.151	162	737226	42.986	ng	99
48) 2-Nitroaniline	13.369	65	219663	43.261	ng	96
49) Acenaphthylene	14.004	152	1189545	41.446	ng	100
50) Dimethylphthalate	13.745	163	984006	42.421	ng	100
51) 2,6-Dinitrotoluene	13.869	165	210670	43.004	ng	99
52) Acenaphthene	14.351	154	680659	41.253	ng	100
53) 3-Nitroaniline	14.210	138	131765	26.342	ng	97
54) 2,4-Dinitrophenol	14.428	184	252393	81.567	ng	96
55) Dibenzofuran	14.692	168	1109951	42.175	ng	99
56) 4-Nitrophenol	14.569	139	325725	75.469	ng	97
57) 2,4-Dinitrotoluene	14.669	165	308420	44.656	ng	97
58) Fluorene	15.351	166	910033	42.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	256167	43.340	ng	97
60) Diethylphthalate	15.134	149	974989	41.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	455268	42.541	ng	99
62) 4-Nitroaniline	15.392	138	193166	39.994	ng	99
63) Azobenzene	15.645	77	814077	40.590	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	175622	44.261	ng	98
66) n-Nitrosodiphenylamine	15.569	169	803540	42.587	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	318593	44.014	ng	99
68) Hexachlorobenzene	16.381	284	408492	44.412	ng	94
69) Atrazine	16.551	200	307059	44.406	ng	99
70) Pentachlorophenol	16.739	266	510226	98.822	ng	100
71) Phenanthrene	17.128	178	1386666	40.607	ng	99
72) Anthracene	17.222	178	1457149	42.411	ng	100
73) Carbazole	17.504	167	1335342	42.941	ng	100
74) Di-n-butylphthalate	18.086	149	1657780	41.451	ng	99
75) Fluoranthene	19.216	202	1695882	42.484	ng	99
77) Benzidine	19.416	184	723227	38.307	ng	100
78) Pyrene	19.592	202	1760402	42.384	ng	99
80) Butylbenzylphthalate	20.545	149	796147	43.100	ng	96
81) Benzo(a)anthracene	21.492	228	1825211	41.934	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	533711	33.013	ng	100
83) Chrysene	21.569	228	1682550	40.778	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1203178	44.315	ng	99
85) Di-n-octyl phthalate	22.680	149	2017155	45.433	ng	100
87) Indeno(1,2,3-cd)pyrene	28.521	276	2578470	42.681	ng	# 87
88) Benzo(b)fluoranthene	23.757	252	2012992	42.499	ng	98
89) Benzo(k)fluoranthene	23.833	252	2085330	42.726	ng	99
90) Benzo(a)pyrene	24.651	252	1937802	42.598	ng	98
91) Dibenzo(a,h)anthracene	28.592	278	2122778	43.192	ng	98
92) Benzo(g,h,i)perylene	29.668	276	2055756	42.061	ng	98

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

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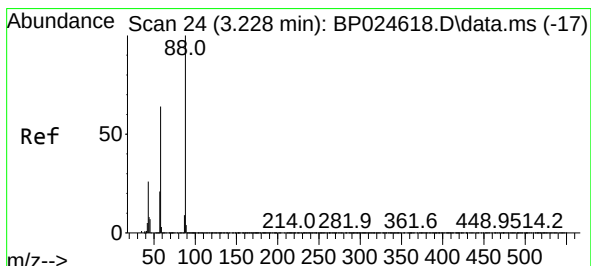
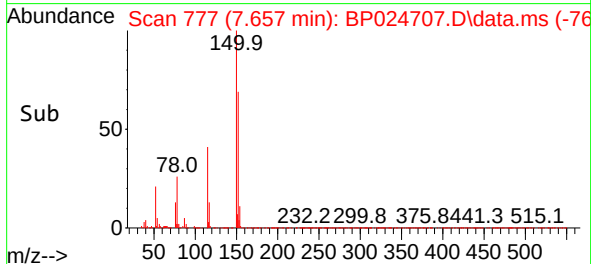
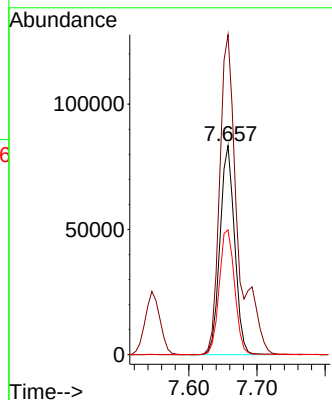
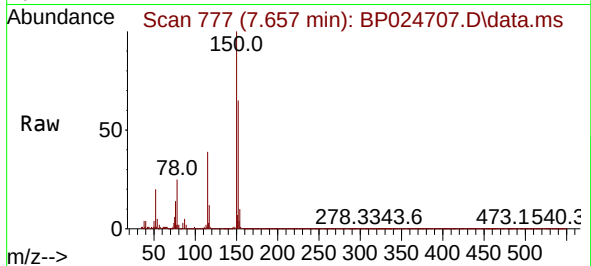




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024707.D
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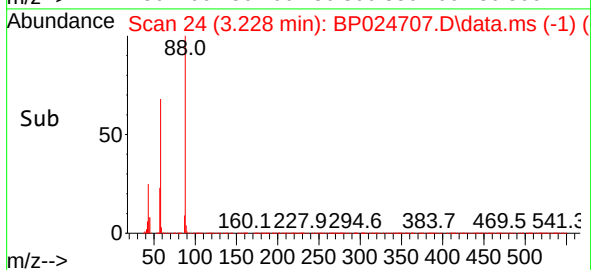
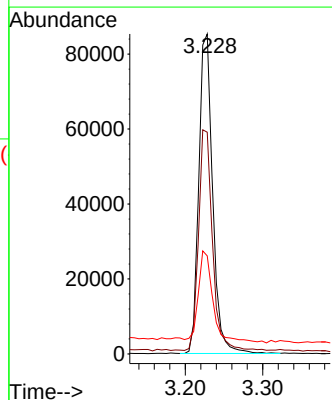
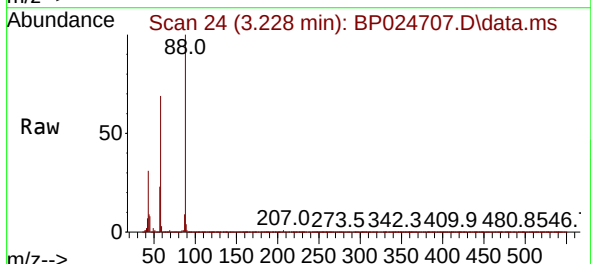
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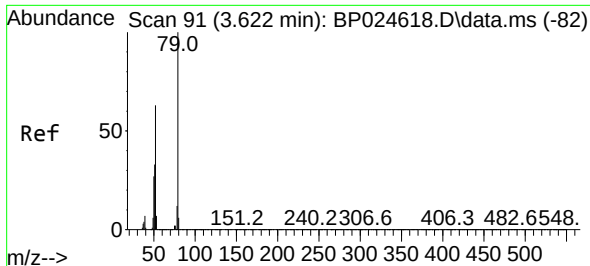
Tgt Ion:152 Resp: 124819
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 59.6 50.1 75.1



#2
1,4-Dioxane
Concen: 30.850 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 88 Resp: 105719
Ion Ratio Lower Upper
88 100
58 68.7 54.0 81.0
43 31.1 21.4 32.0

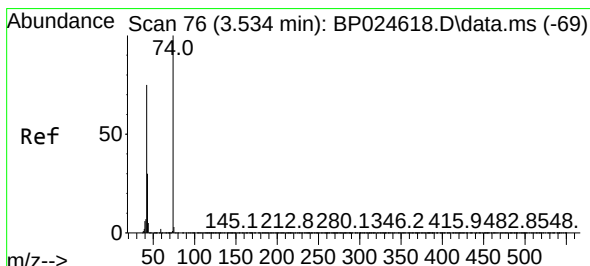
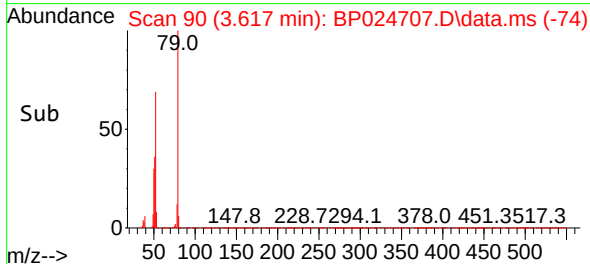
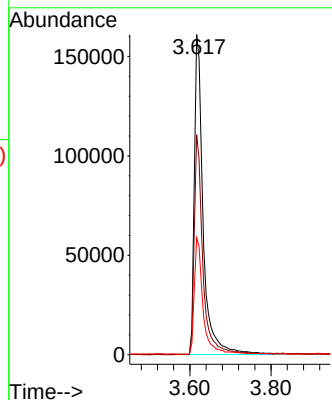
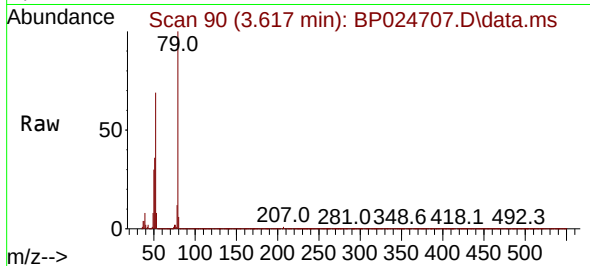




#3
Pyridine
Concen: 32.320 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

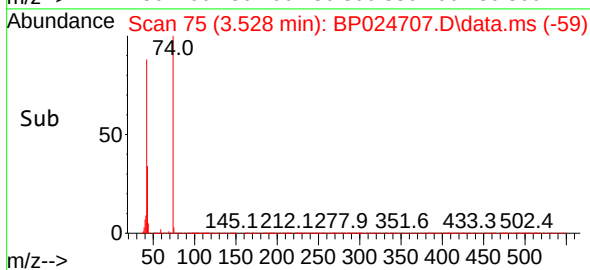
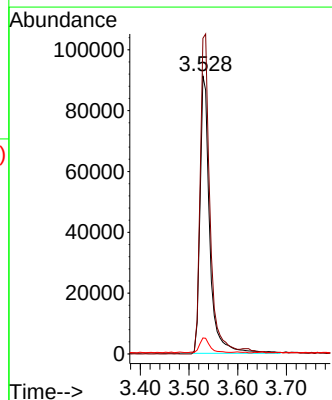
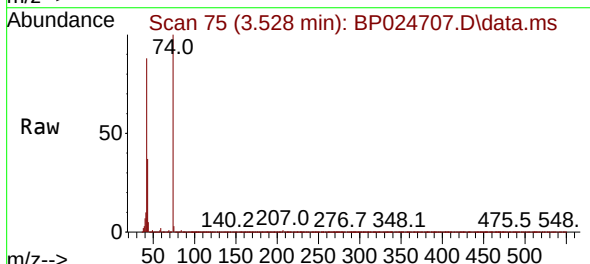
Instrument :
BNA_P
ClientSampleId :
PB168048BS

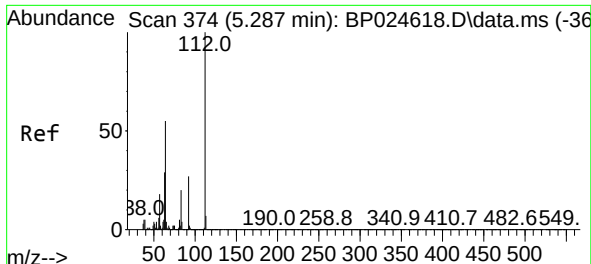
Tgt Ion: 79 Resp: 245584
Ion Ratio Lower Upper
79 100
52 68.8 50.2 75.2
51 36.5 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 37.853 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 42 Resp: 126980
Ion Ratio Lower Upper
42 100
74 113.6 106.2 159.2
44 5.7 5.4 8.2

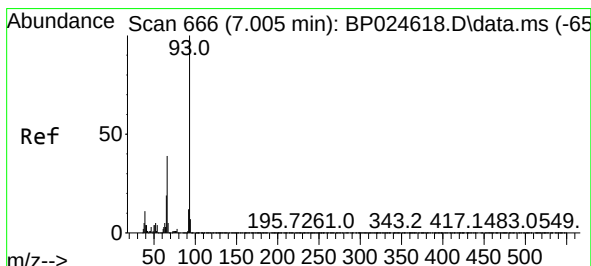
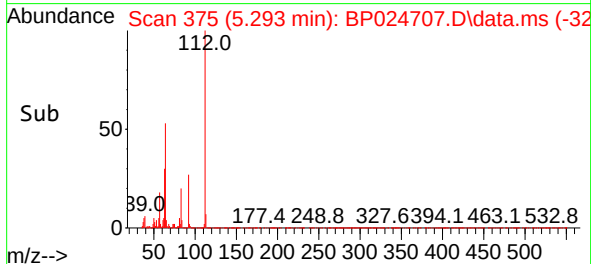
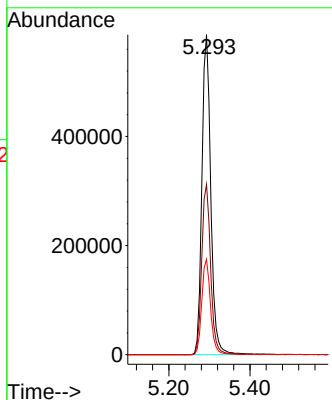
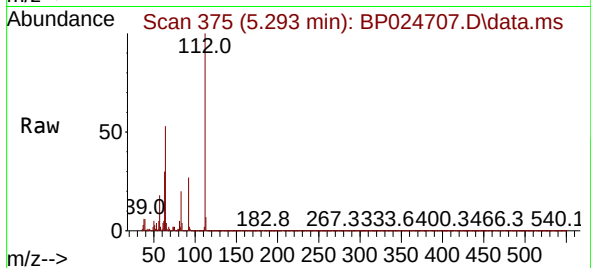




#5
2-Fluorophenol
Concen: 122.366 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

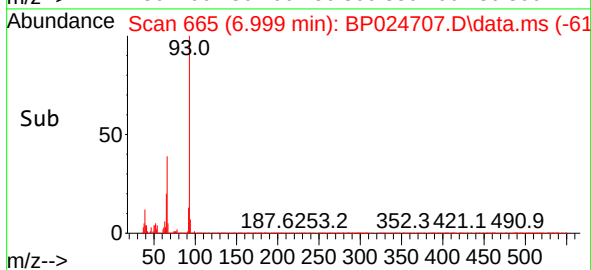
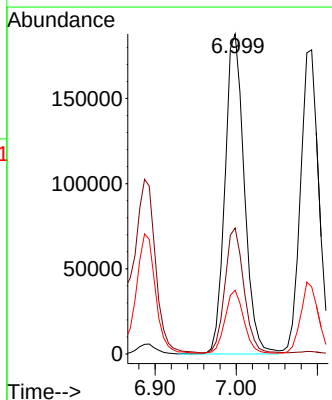
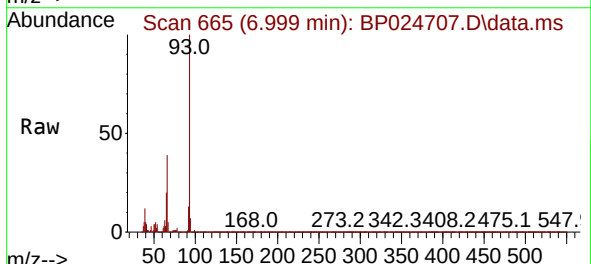
Instrument :
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ClientSampleId :
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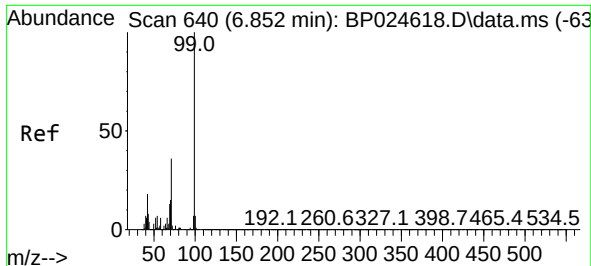
Tgt Ion:112 Resp: 893003
Ion Ratio Lower Upper
112 100
64 53.3 44.1 66.1
63 29.8 23.5 35.3



#6
Aniline
Concen: 25.875 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 93 Resp: 311151
Ion Ratio Lower Upper
93 100
66 39.4 31.0 46.6
65 19.9 15.5 23.3



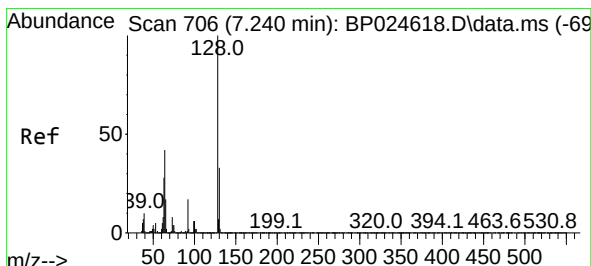
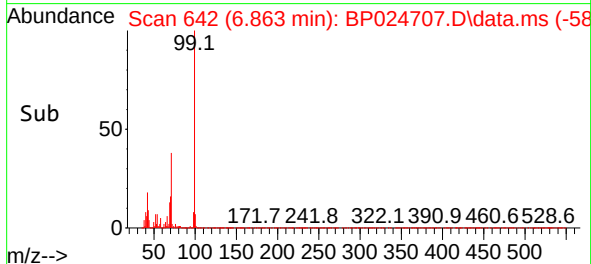
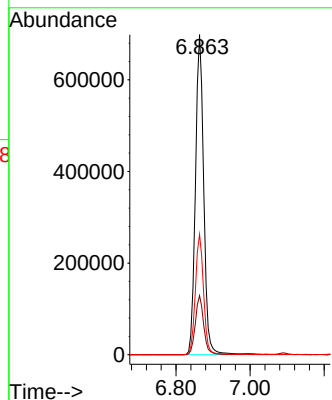
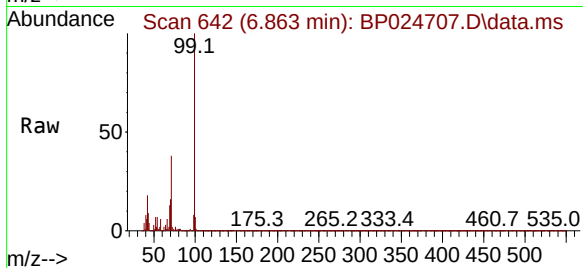


#7
Phenol-d6
Concen: 116.932 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Instrument :
BNA_P
ClientSampleId :
PB168048BS

Tgt Ion: 99 Resp: 1089104

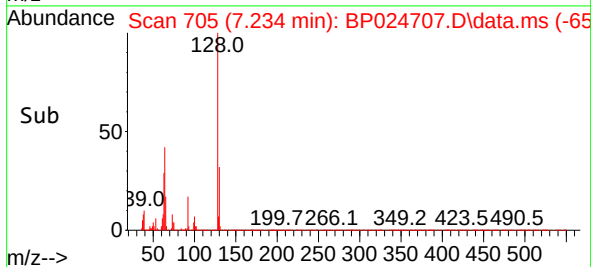
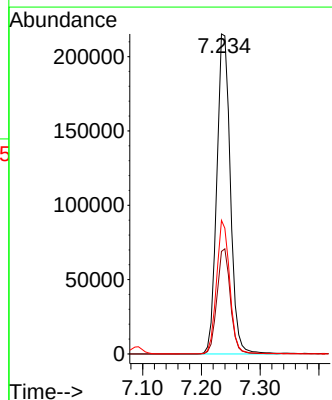
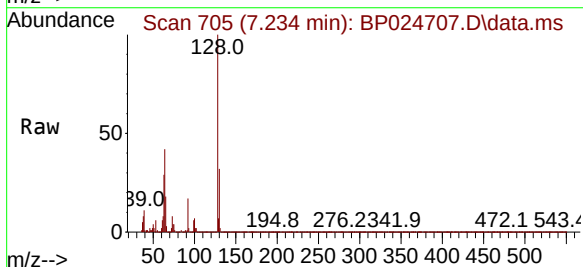
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.4	21.6
71	37.6	29.2	43.8

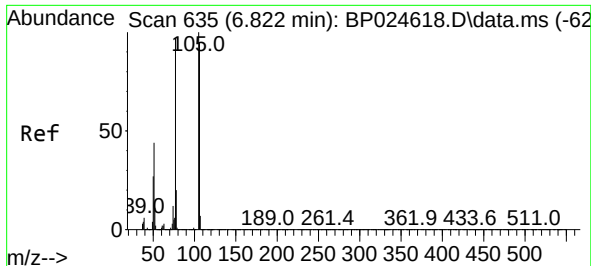


#8
2-Chlorophenol
Concen: 41.656 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 128 Resp: 345097

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	41.8	22.3	62.3

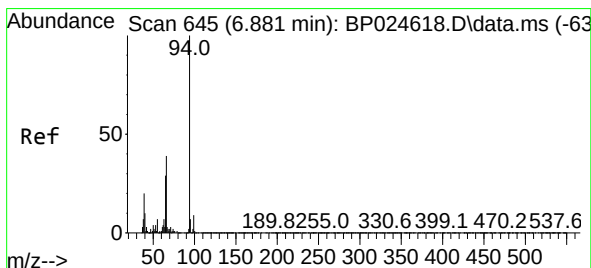
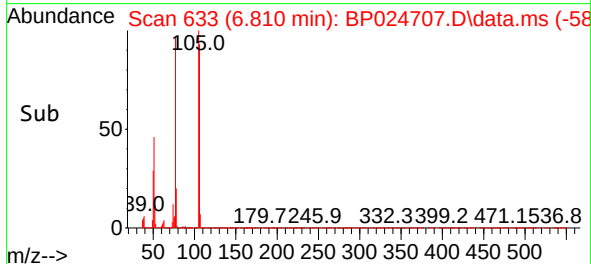
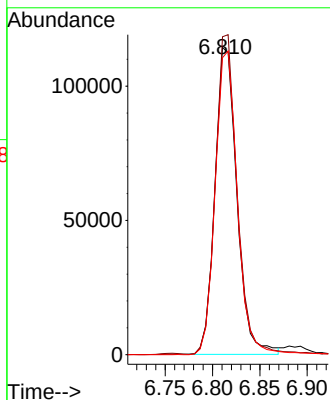
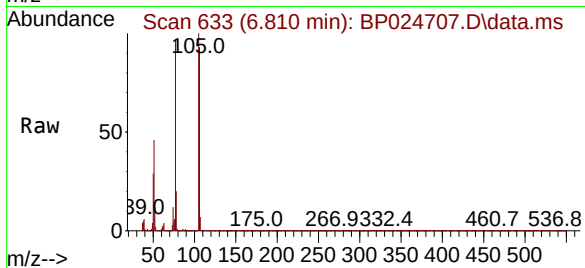




#9
Benzaldehyde
Concen: 30.594 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

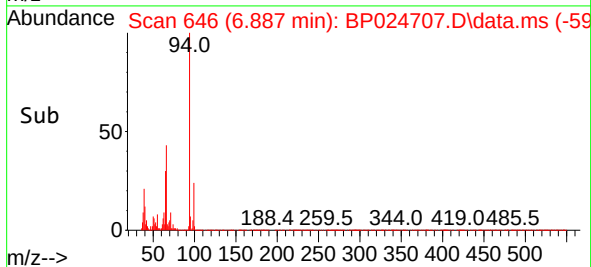
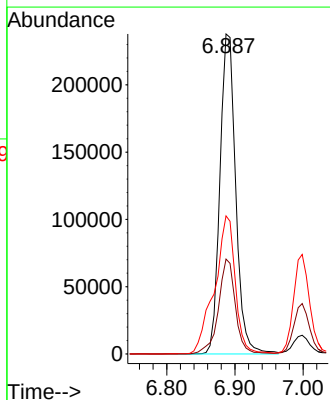
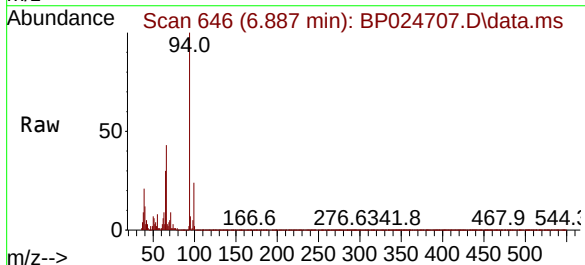
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BNA_P
ClientSampleId :
PB168048BS

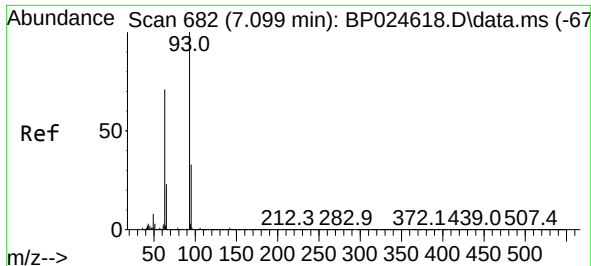
Tgt Ion: 77 Resp: 184460
Ion Ratio Lower Upper
77 100
105 103.5 83.3 123.3
106 96.7 78.0 118.0



#10
Phenol
Concen: 39.954 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024707.D
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Tgt Ion: 94 Resp: 384088
Ion Ratio Lower Upper
94 100
65 29.7 8.7 48.7
66 43.1 19.4 59.4

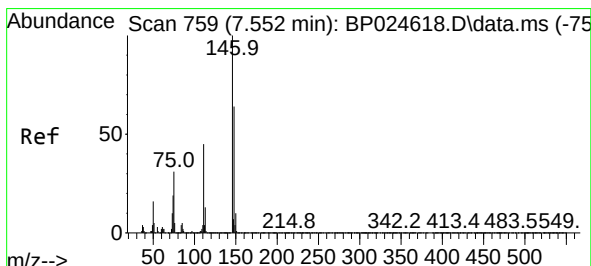
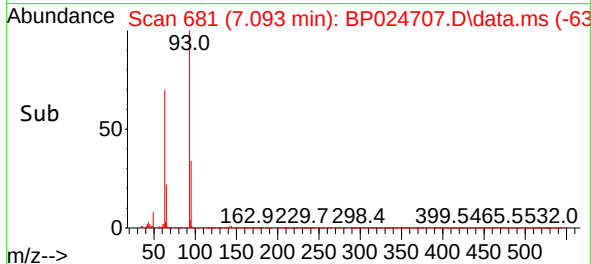
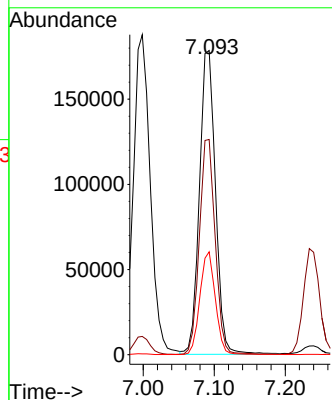
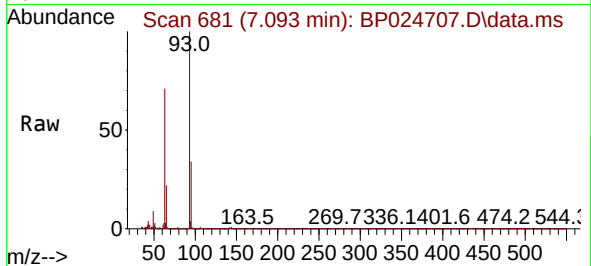




#11
bis(2-Chloroethyl)ether
Concen: 35.689 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

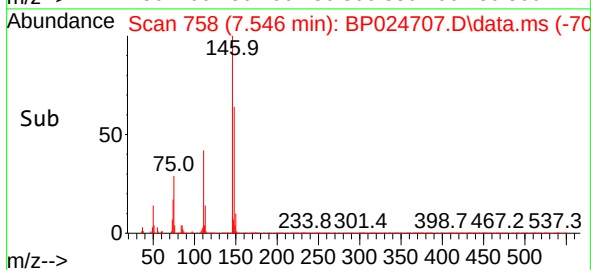
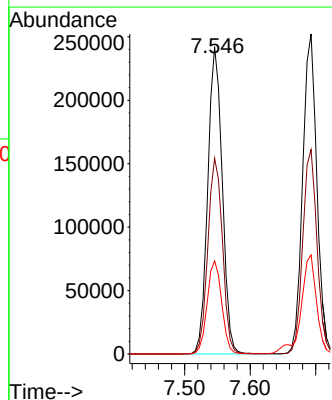
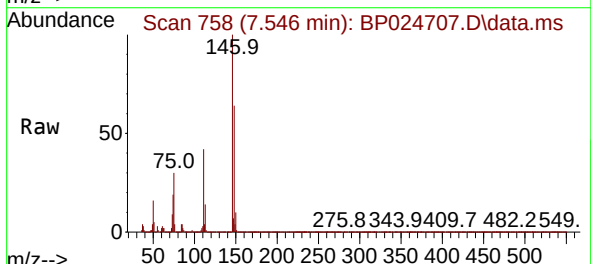
Instrument :
BNA_P
ClientSampleId :
PB168048BS

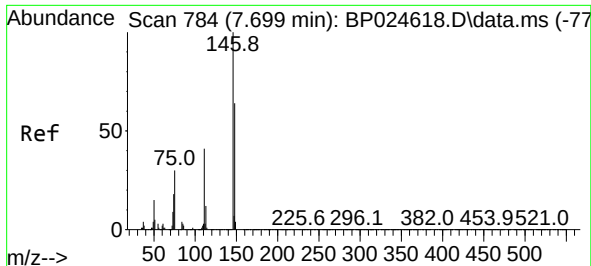
Tgt Ion: 93 Resp: 281912
Ion Ratio Lower Upper
93 100
63 70.7 50.6 90.6
95 33.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.061 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 146 Resp: 372303
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 30.3 25.2 37.8

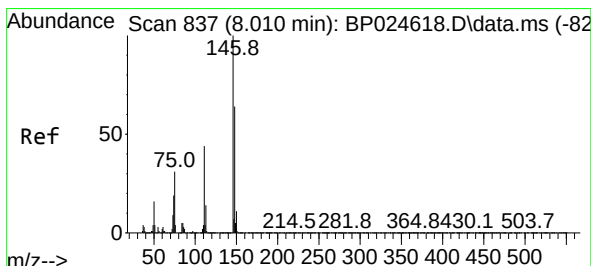
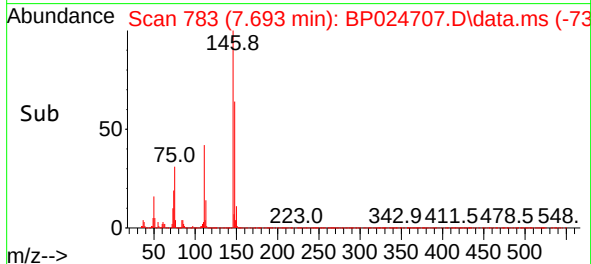
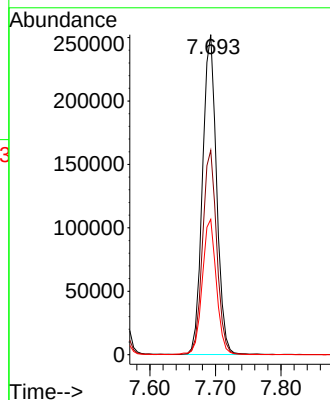
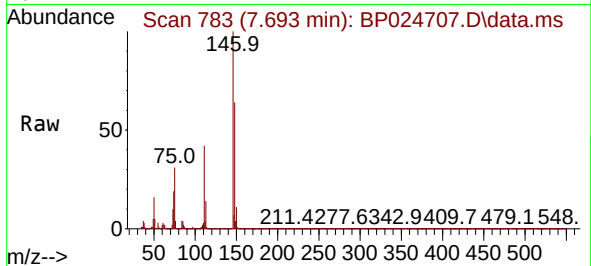




#13
1,4-Dichlorobenzene
Concen: 39.347 ng
RT: 7.693 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

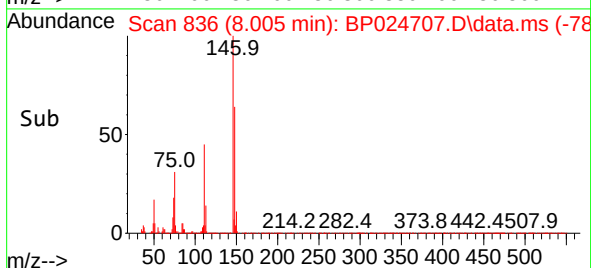
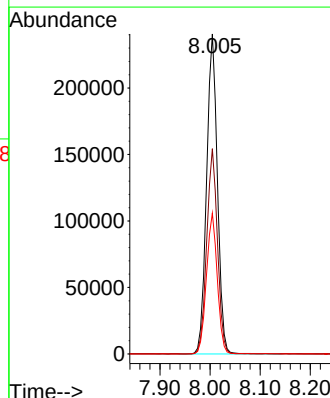
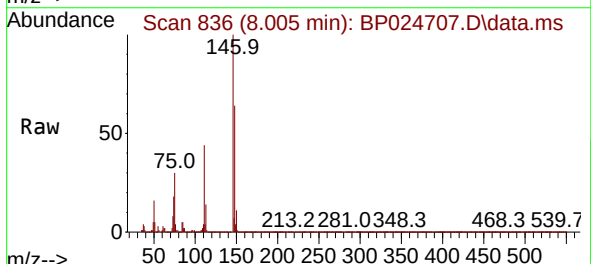
Instrument :
BNA_P
ClientSampleId :
PB168048BS

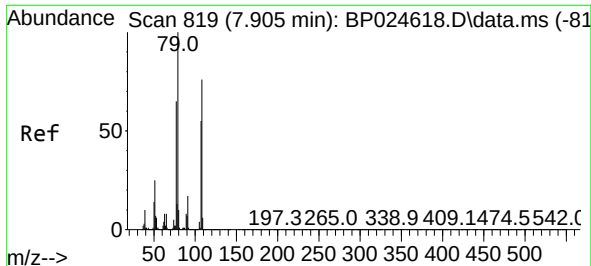
Tgt Ion:146 Resp: 377192
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 42.3 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 38.651 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:146 Resp: 361042
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 44.0 35.2 52.8

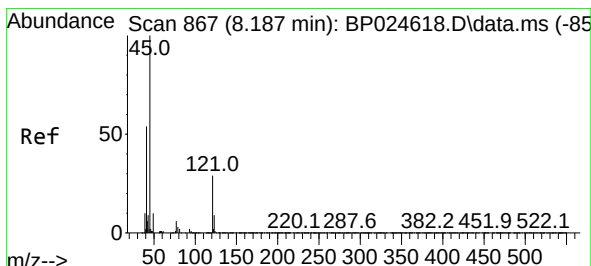
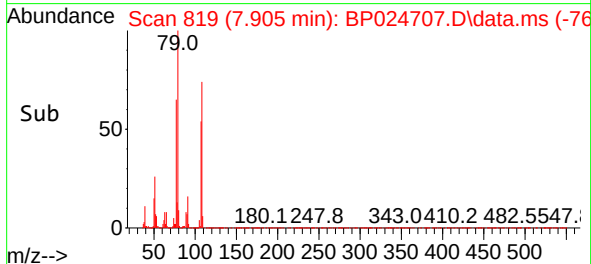
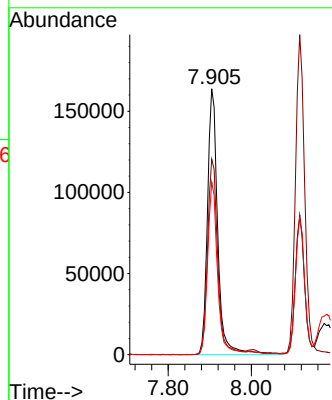
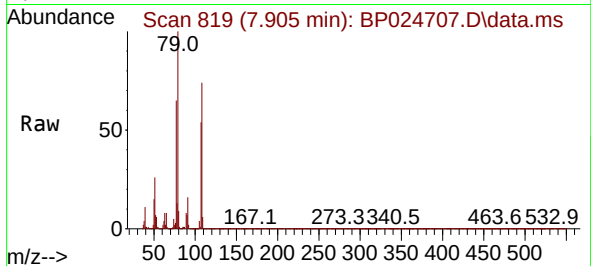




#15
Benzyl Alcohol
Concen: 39.852 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

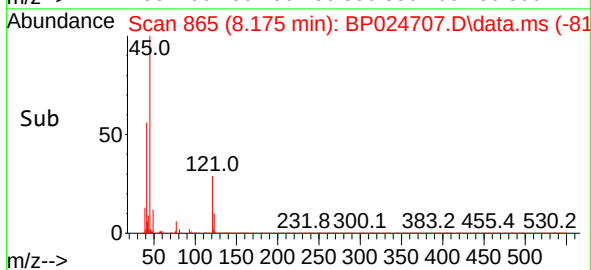
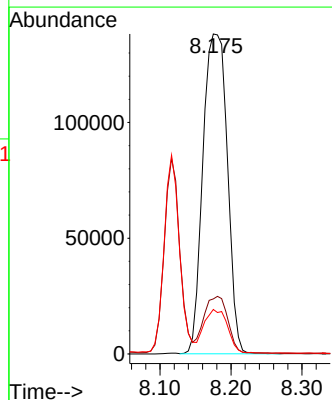
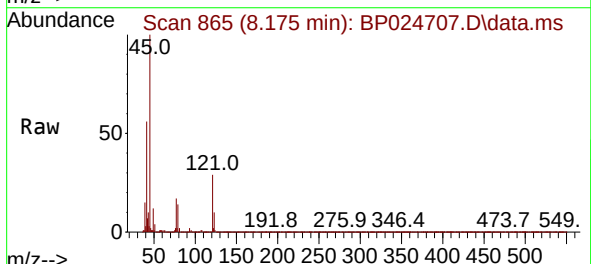
Instrument :
BNA_P
ClientSampleId :
PB168048BS

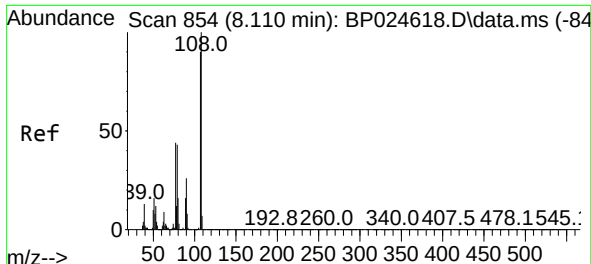
Tgt Ion: 79 Resp: 282068
Ion Ratio Lower Upper
79 100
108 73.5 60.8 91.2
77 65.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.907 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 45 Resp: 330220
Ion Ratio Lower Upper
45 100
77 17.2 0.0 37.7
79 13.9 0.0 34.0

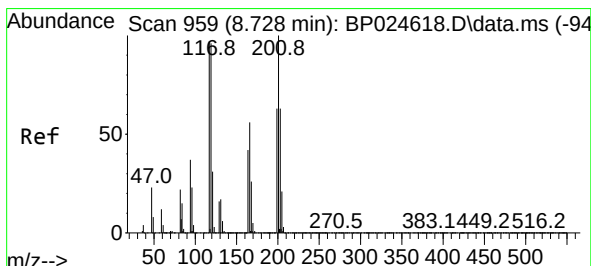
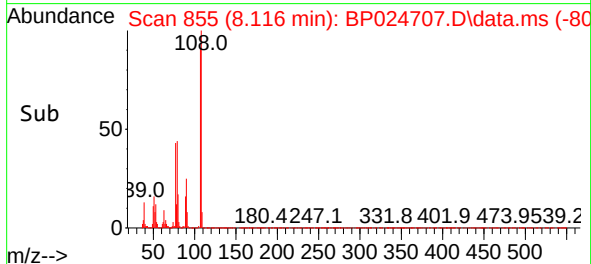
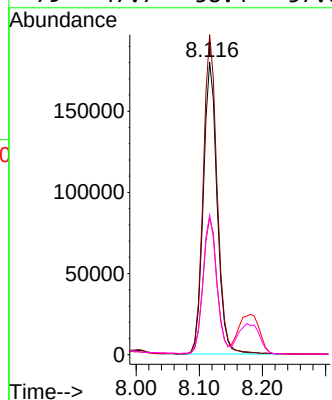
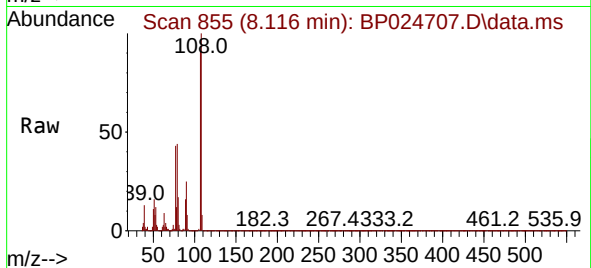




#17
2-Methylphenol
Concen: 39.885 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

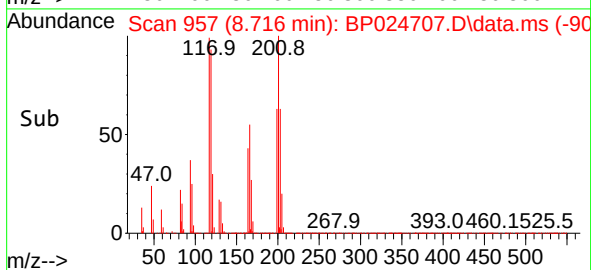
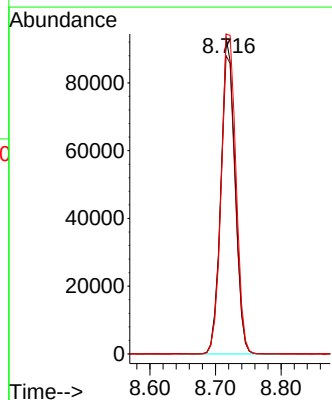
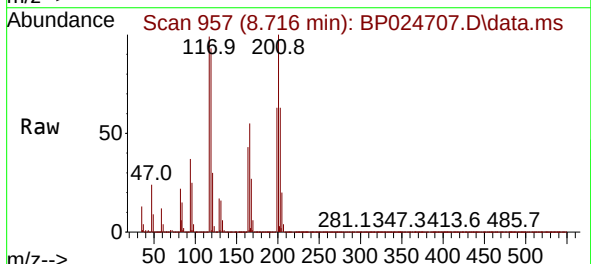
Instrument :
BNA_P
ClientSampleId :
PB168048BS

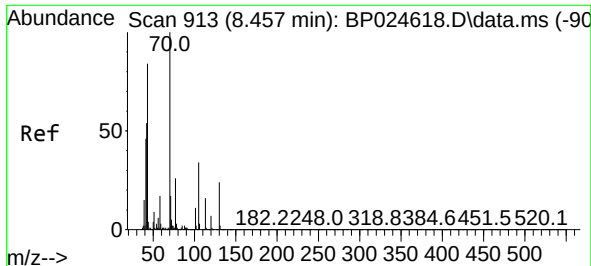
Tgt Ion:	107	Resp:	274999
Ion	Ratio	Lower	Upper
107	100		
108	109.4	88.9	133.3
77	46.9	39.0	58.6
79	47.7	38.4	57.6



#18
Hexachloroethane
Concen: 37.982 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:	117	Resp:	139528
Ion	Ratio	Lower	Upper
117	100		
119	94.4	79.4	119.0
201	101.3	82.7	124.1

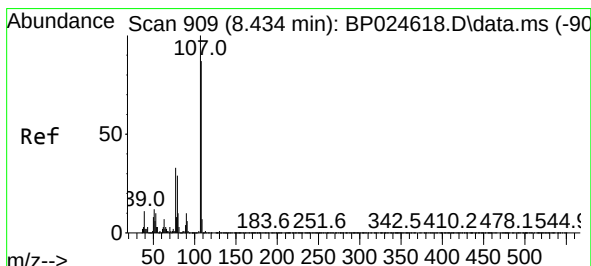
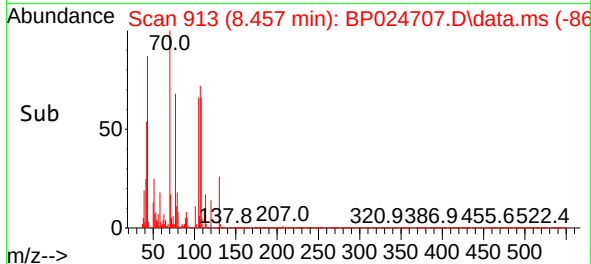
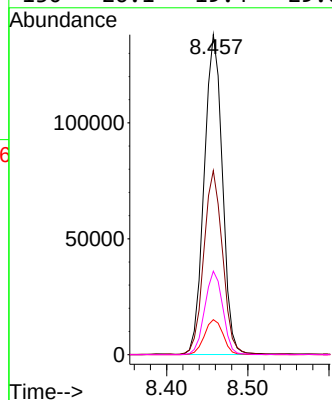
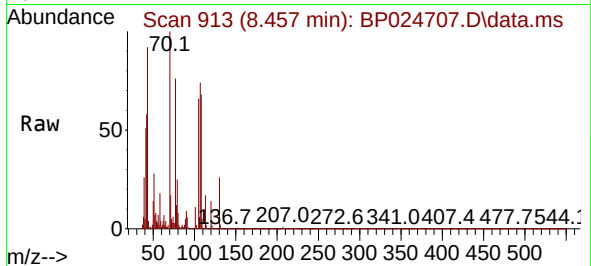




#19
n-Nitroso-di-n-propylamine
Concen: 33.390 ng
RT: 8.457 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

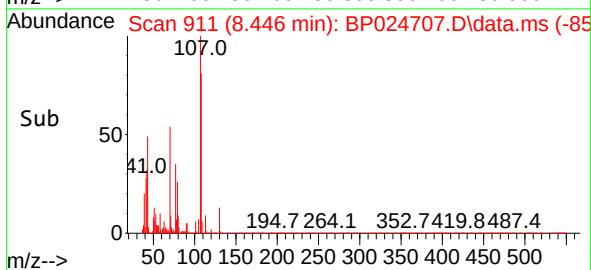
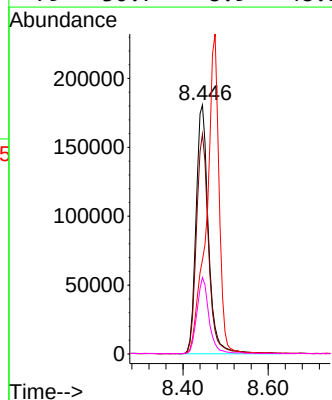
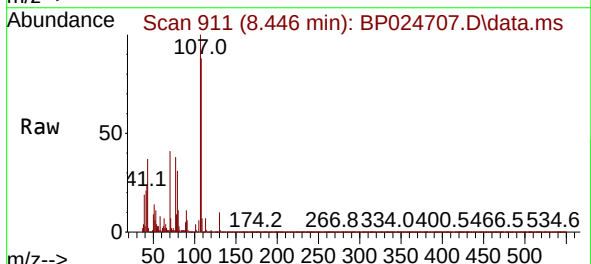
Instrument :
BNA_P
ClientSampleId :
PB168048BS

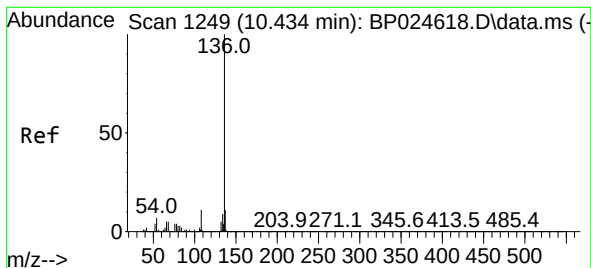
Tgt Ion: 70 Resp: 215124
Ion Ratio Lower Upper
70 100
42 57.5 43.0 64.6
101 11.0 8.7 13.1
130 26.1 19.4 29.0



#20
3+4-Methylphenols
Concen: 38.764 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 107 Resp: 363562
Ion Ratio Lower Upper
107 100
108 88.3 66.7 106.7
77 37.7 13.1 53.1
79 30.7 8.9 48.9

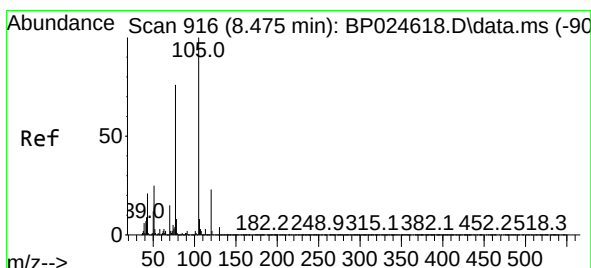
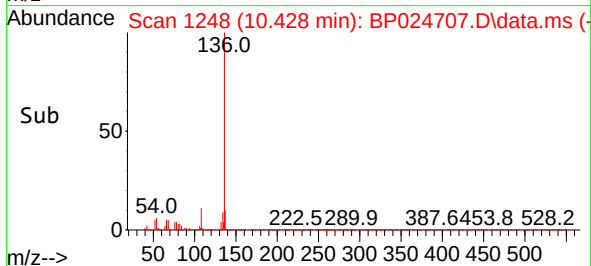
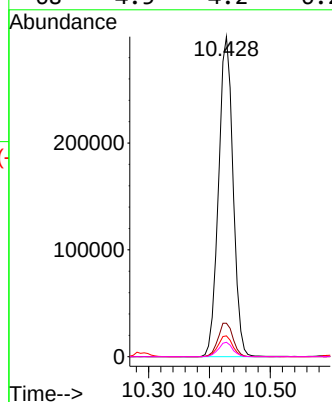
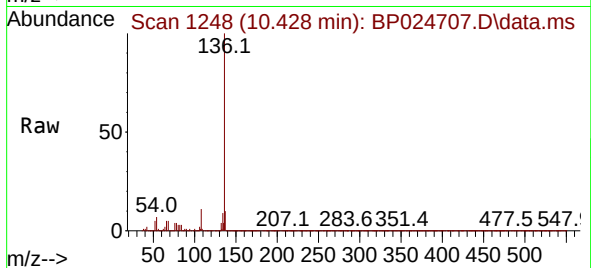




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

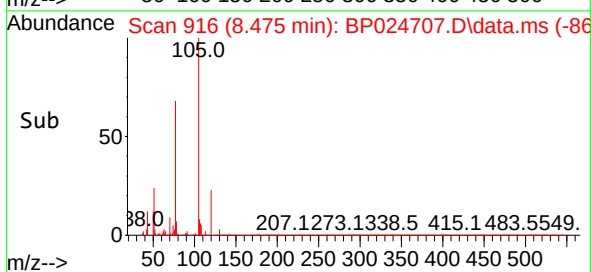
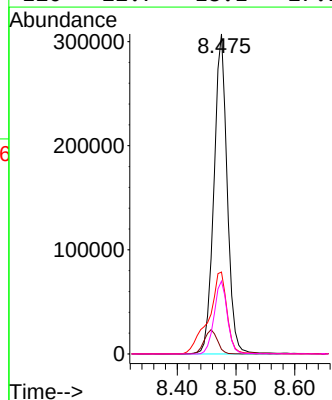
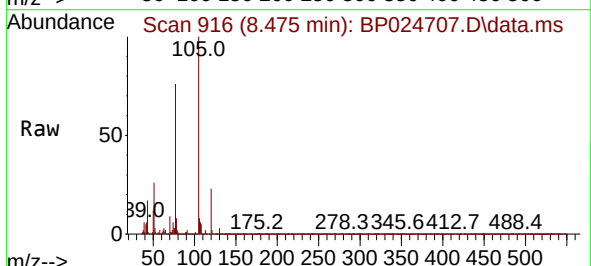
Instrument :
BNA_P
ClientSampleId :
PB168048BS

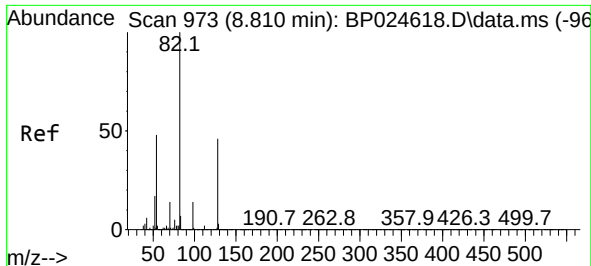
Tgt Ion:	136	Resp:	494827
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.5	5.5	8.3
68	4.5	4.2	6.2



#22
Acetophenone
Concen: 38.873 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:	105	Resp:	480484
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0
51	25.6	20.4	30.6
120	22.7	18.1	27.1

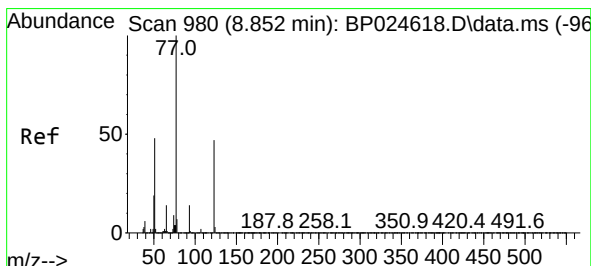
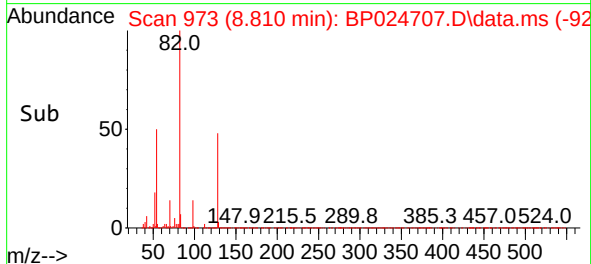
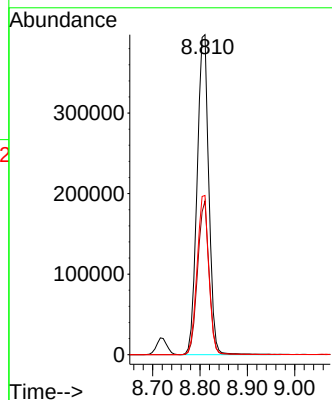
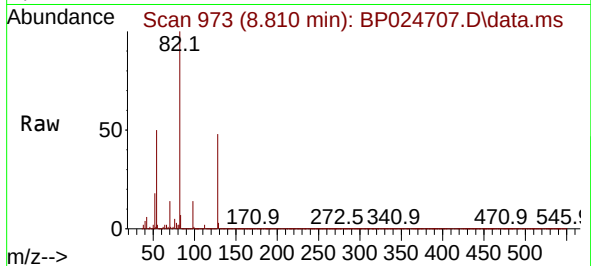




#23
Nitrobenzene-d5
Concen: 69.477 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

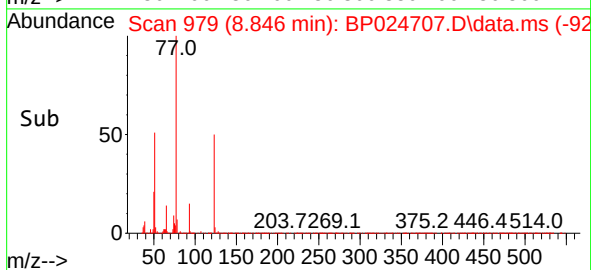
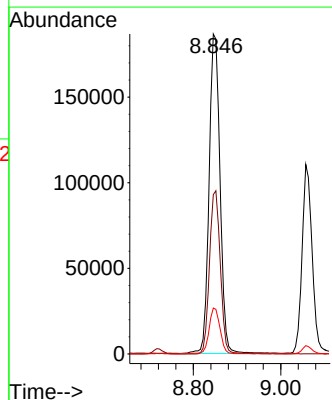
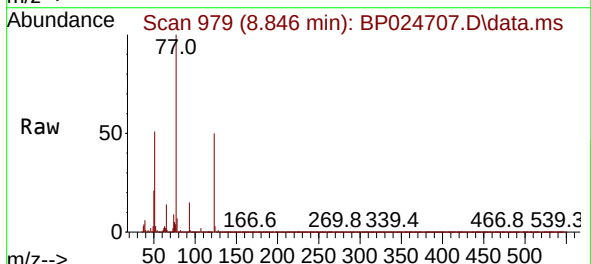
Instrument :
BNA_P
ClientSampleId :
PB168048BS

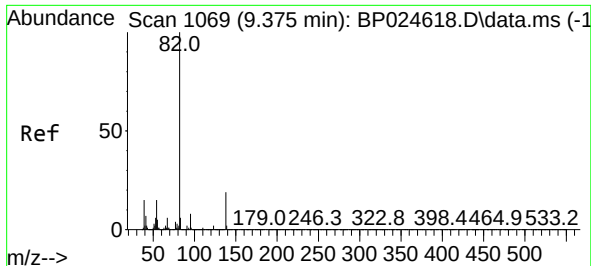
Tgt Ion: 82 Resp: 680416
Ion Ratio Lower Upper
82 100
128 48.0 37.0 55.4
54 49.7 38.7 58.1



#24
Nitrobenzene
Concen: 37.759 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 77 Resp: 325420
Ion Ratio Lower Upper
77 100
123 49.8 37.4 56.0
65 14.4 11.3 16.9

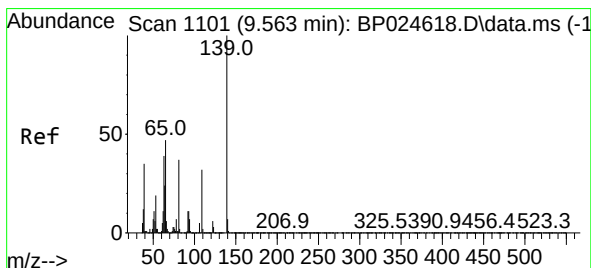
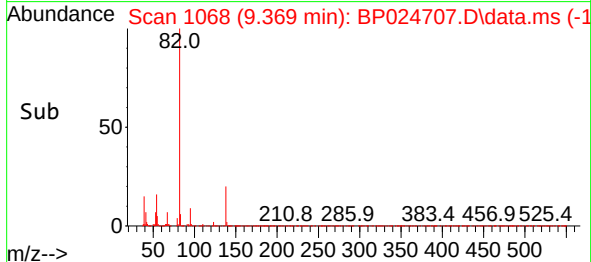
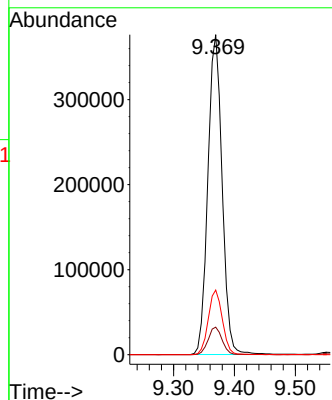
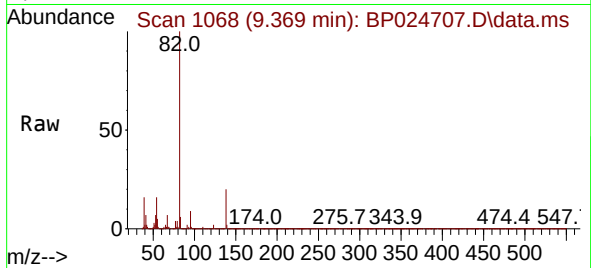




#25
Isophorone
Concen: 35.928 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

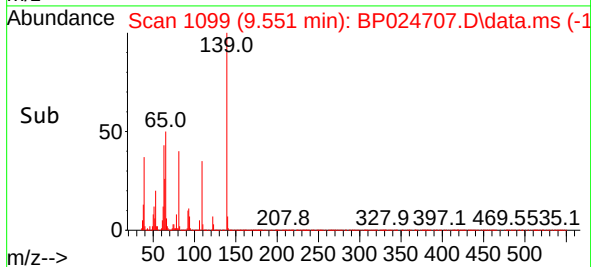
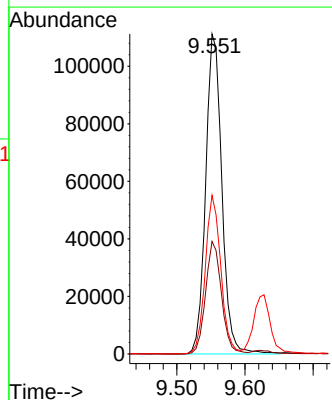
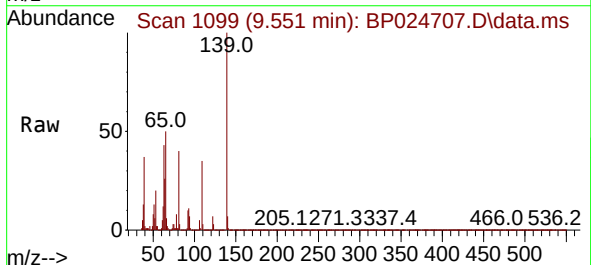
Instrument :
BNA_P
ClientSampleId :
PB168048BS

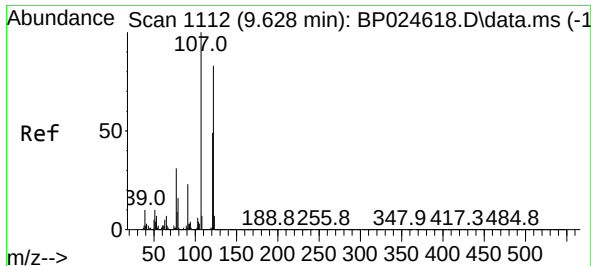
Tgt Ion: 82 Resp: 610351
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 20.2 15.3 22.9



#26
2-Nitrophenol
Concen: 43.659 ng
RT: 9.551 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:139 Resp: 184377
Ion Ratio Lower Upper
139 100
109 35.2 25.9 38.9
65 49.6 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.929 ng

RT: 9.628 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

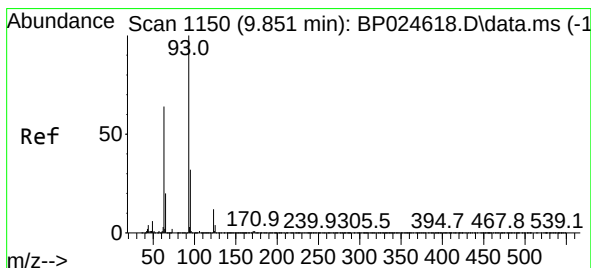
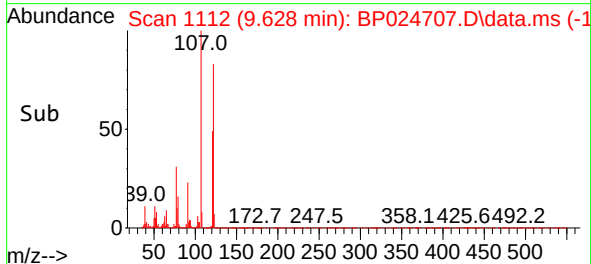
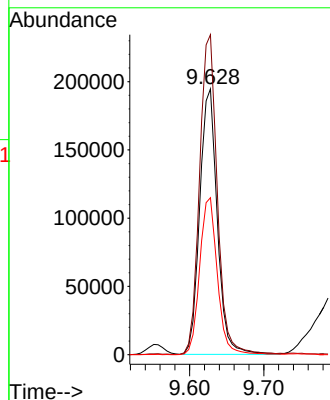
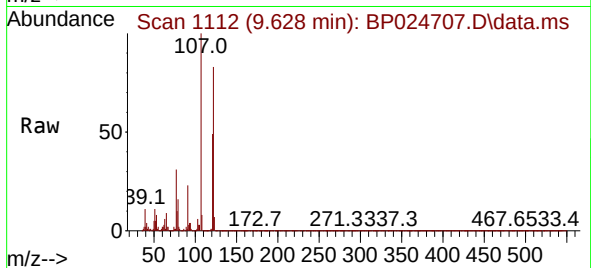
Tgt Ion:122 Resp: 319643

Ion Ratio Lower Upper

122 100

107 120.4 96.2 144.2

121 59.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.195 ng

RT: 9.846 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

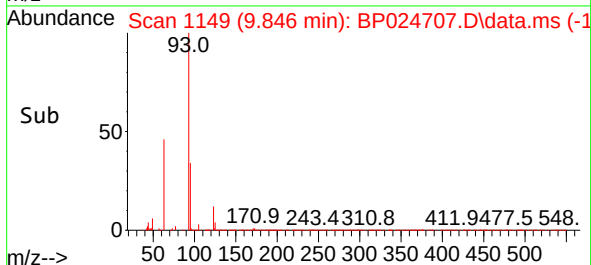
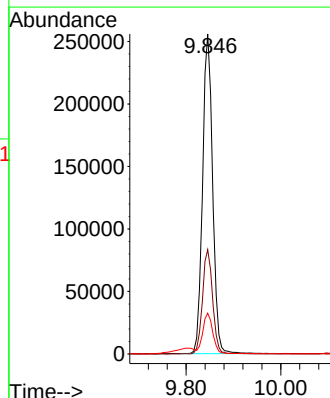
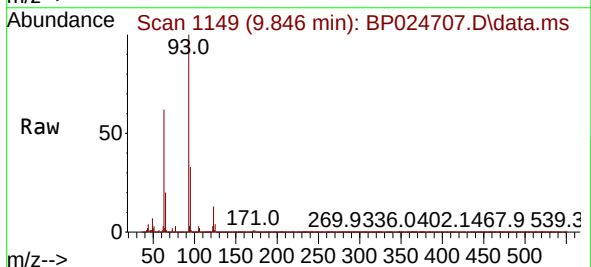
Tgt Ion: 93 Resp: 377505

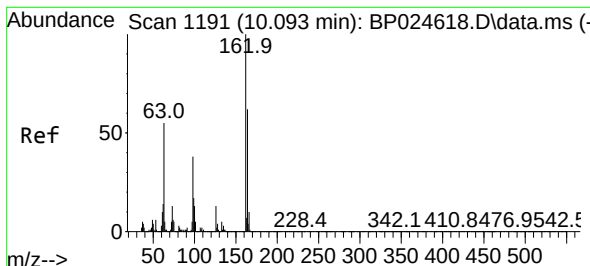
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 12.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.856 ng

RT: 10.104 min Scan# 1191

Delta R.T. 0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

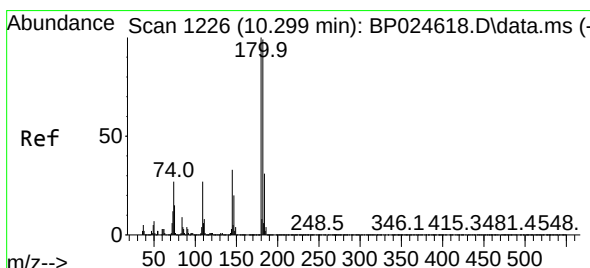
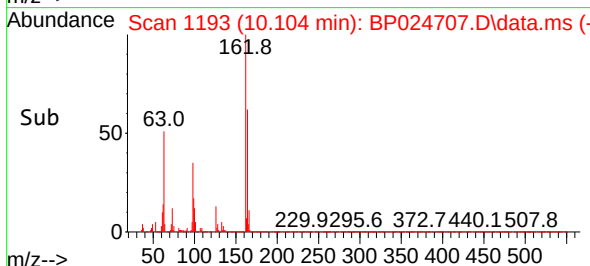
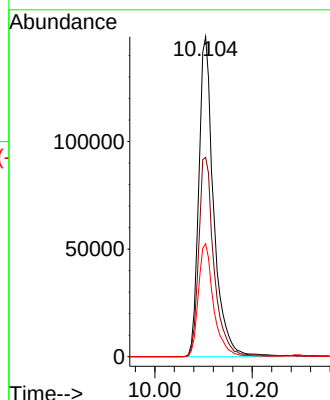
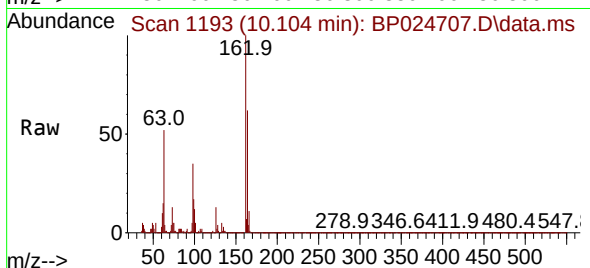
Tgt Ion:162 Resp: 316434

Ion Ratio Lower Upper

162 100

164 62.3 42.3 82.3

98 35.3 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 41.073 ng

RT: 10.293 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

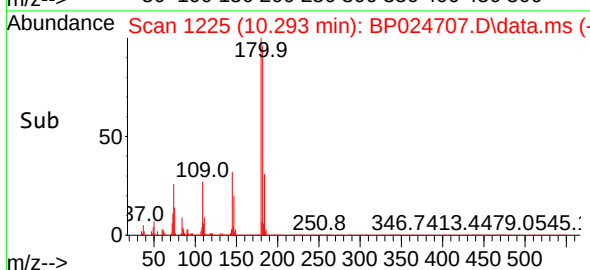
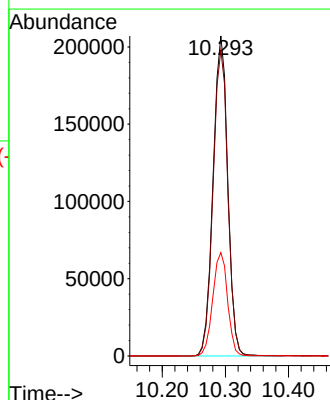
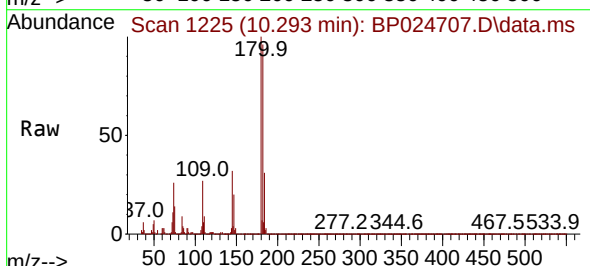
Tgt Ion:180 Resp: 333960

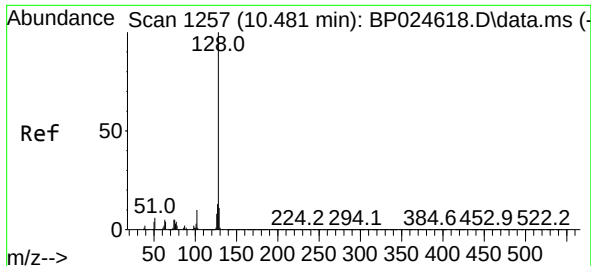
Ion Ratio Lower Upper

180 100

182 95.6 79.0 118.4

145 32.3 26.6 39.8

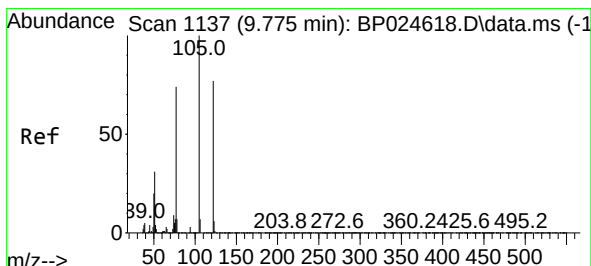
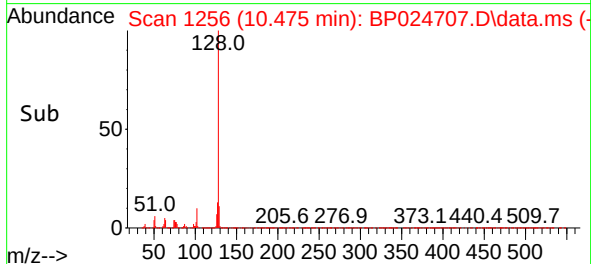
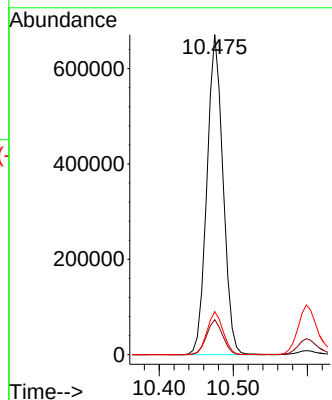
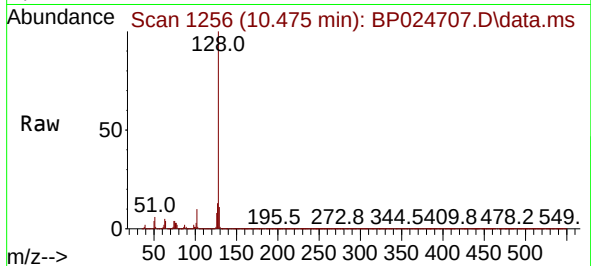




#31
Naphthalene
Concen: 39.427 ng
RT: 10.475 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

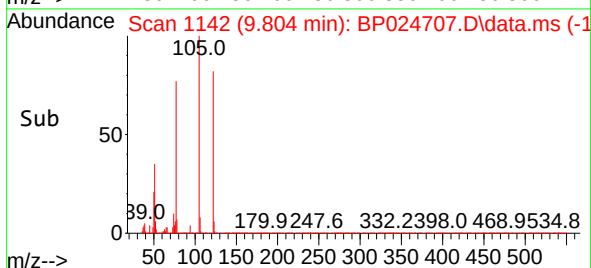
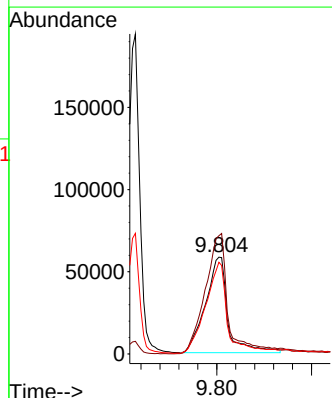
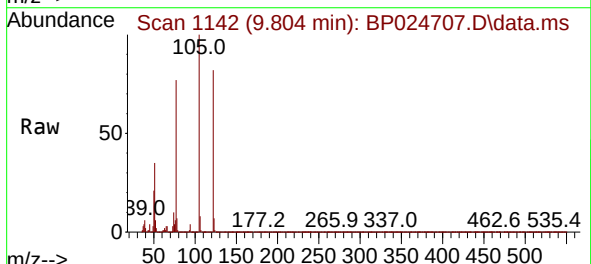
Instrument :
BNA_P
ClientSampleId :
PB168048BS

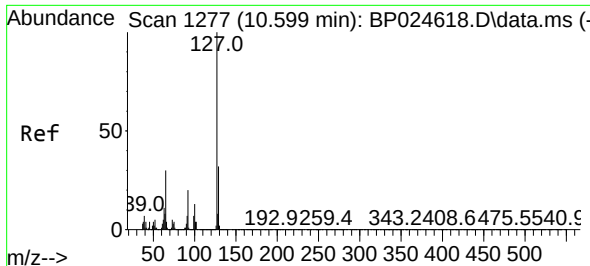
Tgt Ion:128 Resp: 1011010
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 38.557 ng
RT: 9.804 min Scan# 1142
Delta R.T. 0.029 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:122 Resp: 190843
Ion Ratio Lower Upper
122 100
105 122.2 106.9 146.9
77 94.7 75.1 115.1

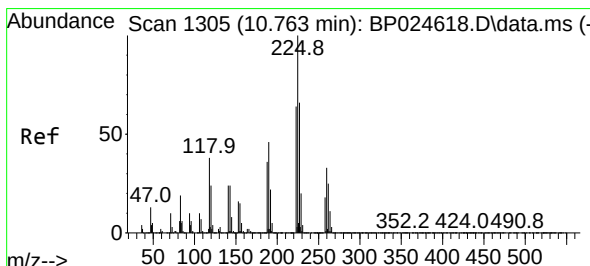
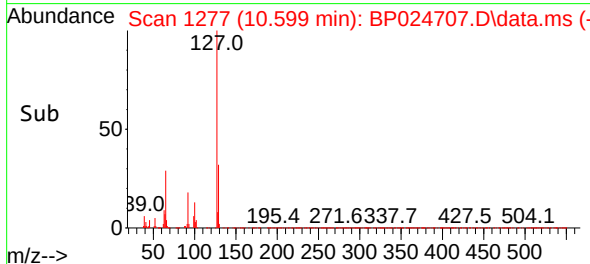
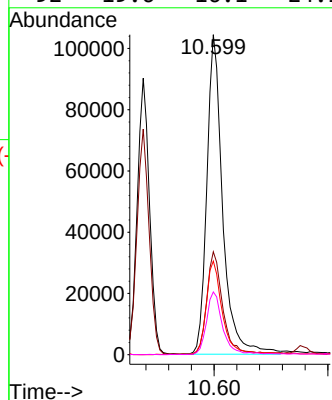
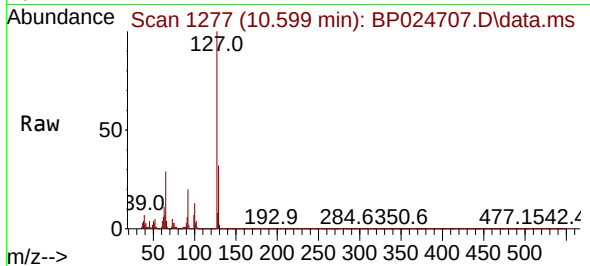




#33
4-Chloroaniline
Concen: 19.477 ng
RT: 10.599 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

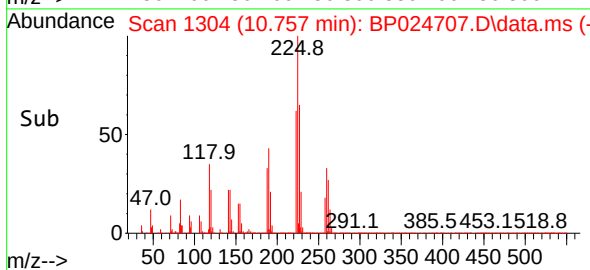
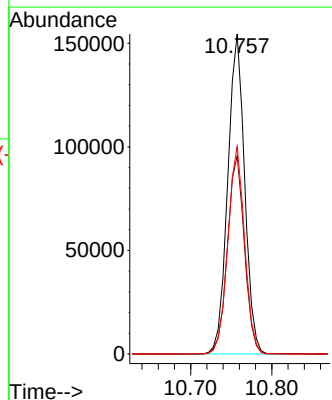
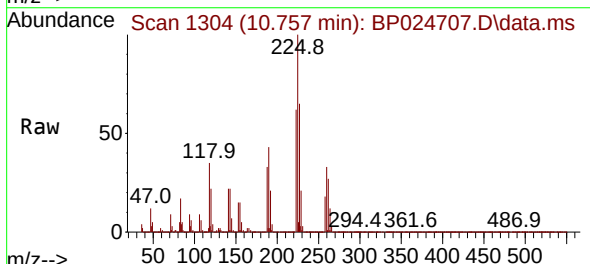
Instrument :
BNA_P
ClientSampleId :
PB168048BS

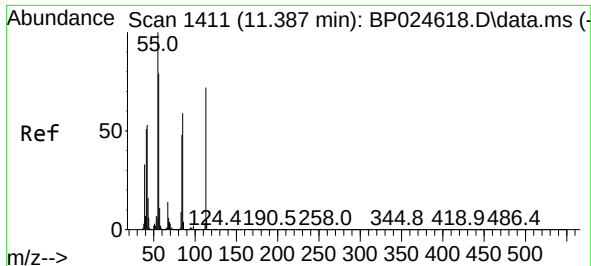
Tgt Ion:	127	Resp:	201537
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	29.3	23.9	35.9
92	19.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.367 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:	225	Resp:	223160
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	64.8	53.1	79.7

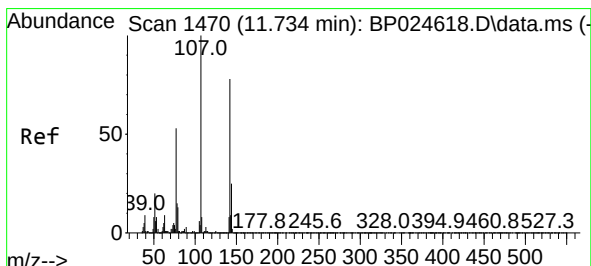
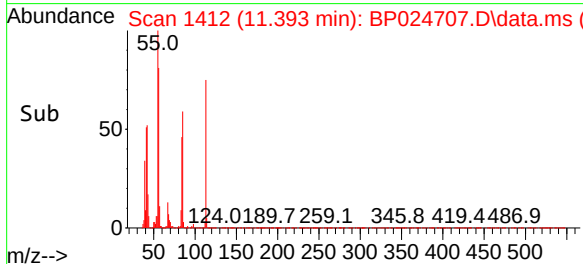
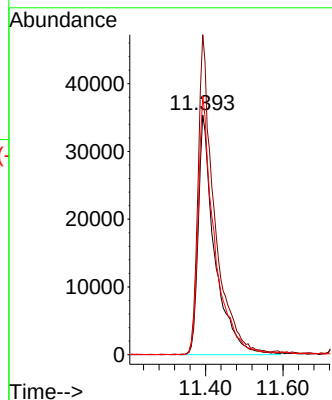
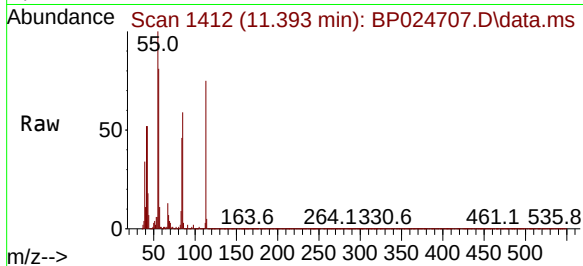




#35
Caprolactam
Concen: 39.652 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

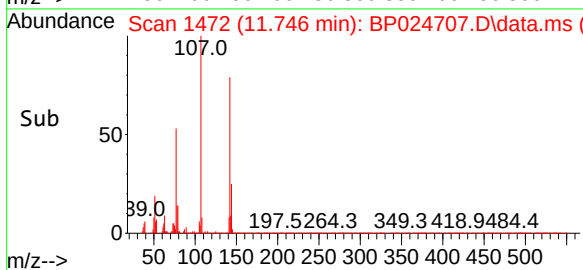
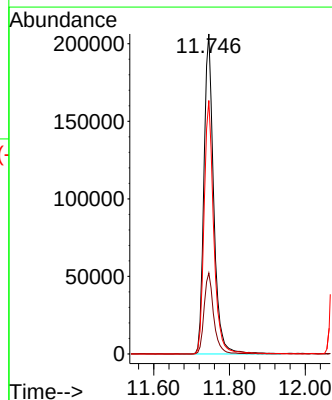
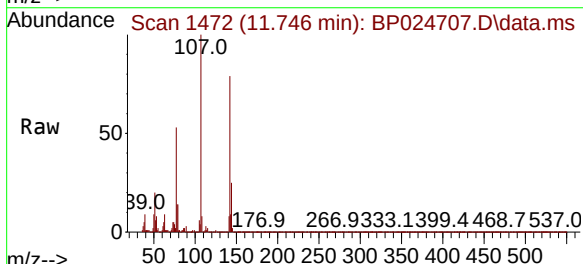
Instrument :
BNA_P
ClientSampleId :
PB168048BS

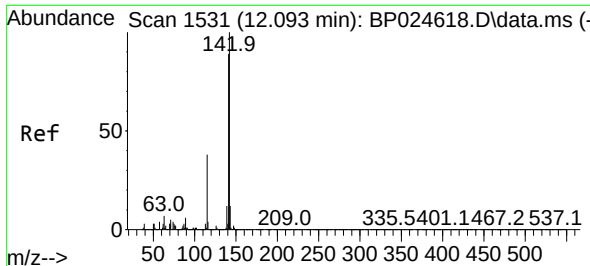
Tgt Ion:113 Resp: 103513
Ion Ratio Lower Upper
113 100
55 133.6 119.0 159.0
56 108.0 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 41.871 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:107 Resp: 368425
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 79.2 62.1 93.1

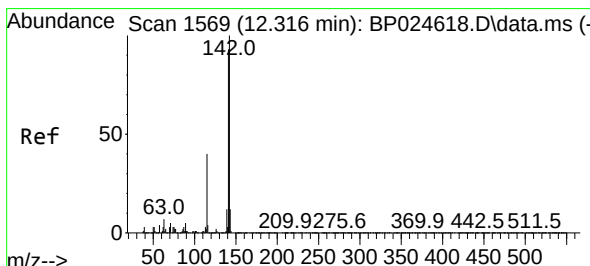
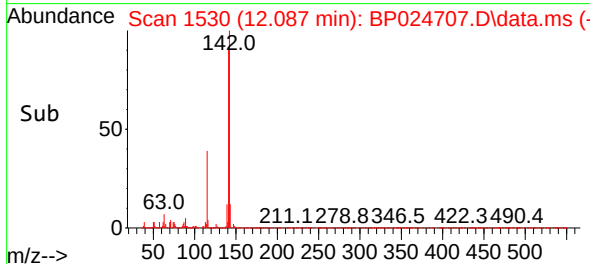
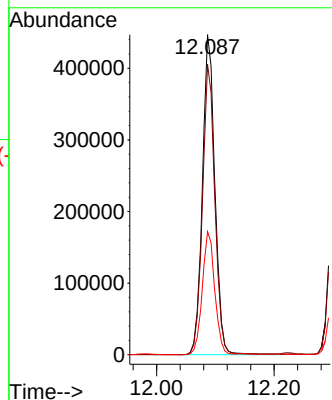
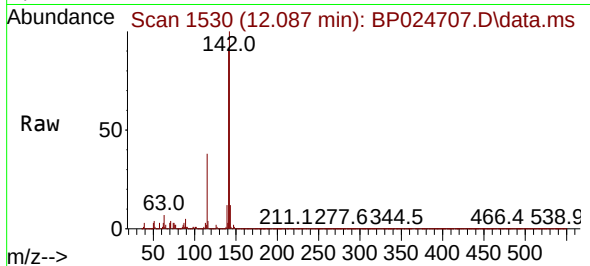




#37
2-Methylnaphthalene
Concen: 39.519 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

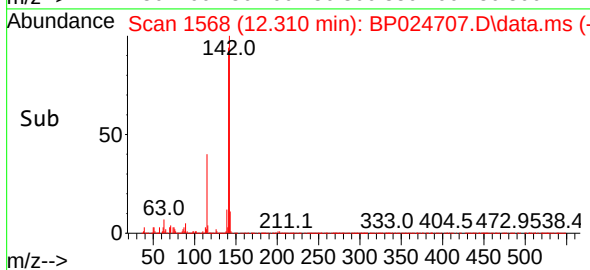
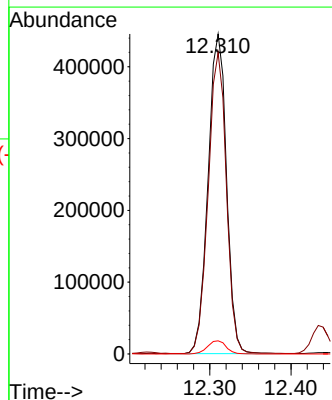
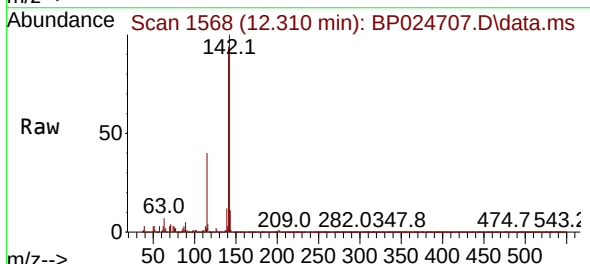
Instrument :
BNA_P
ClientSampleId :
PB168048BS

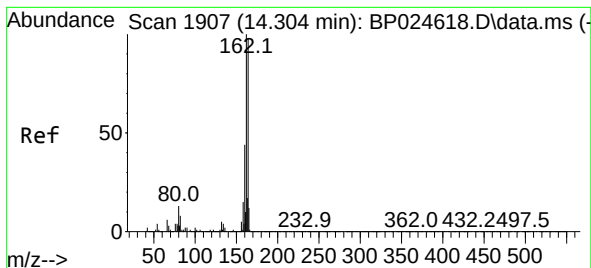
Tgt Ion:142 Resp: 656171
Ion Ratio Lower Upper
142 100
141 90.7 71.2 106.8
115 38.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 39.485 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:142 Resp: 701480
Ion Ratio Lower Upper
142 100
141 94.1 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

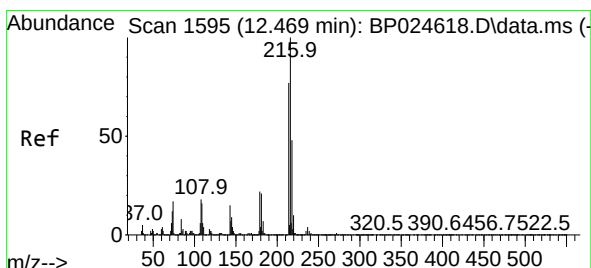
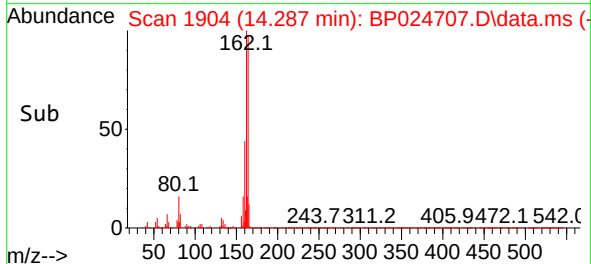
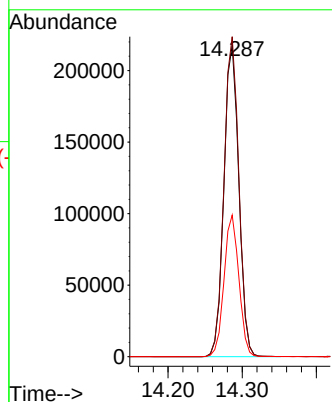
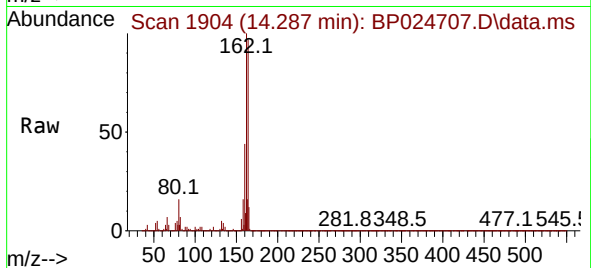
Tgt Ion:164 Resp: 304328

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 45.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.465 ng

RT: 12.457 min Scan# 1593

Delta R.T. -0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion:216 Resp: 384111

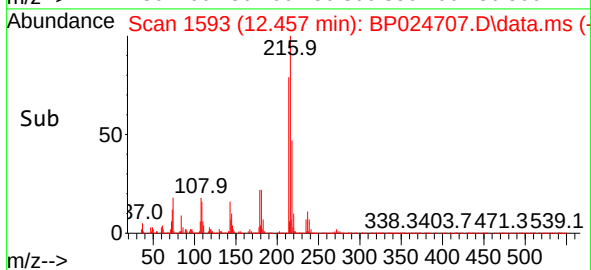
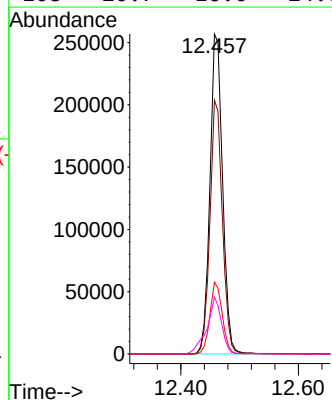
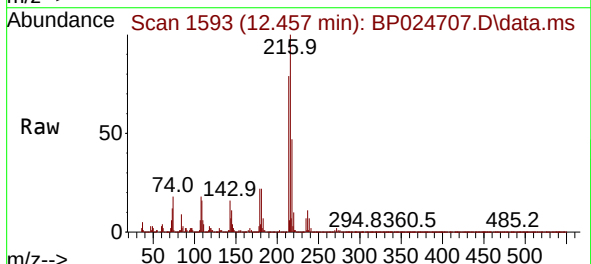
Ion Ratio Lower Upper

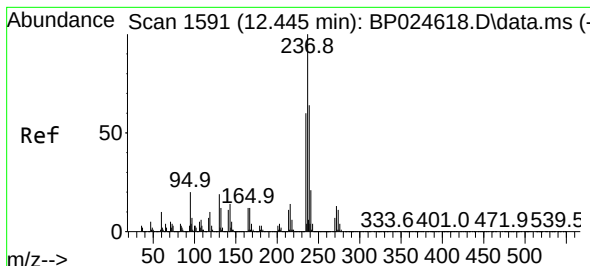
216 100

214 78.0 62.3 93.5

179 22.1 17.7 26.5

108 20.7 16.0 24.0

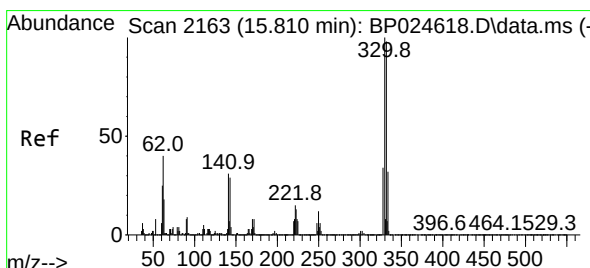
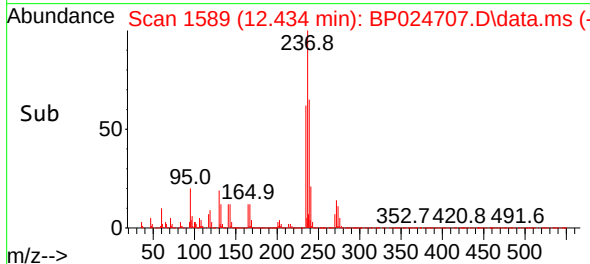
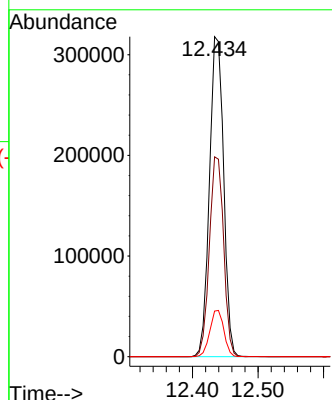
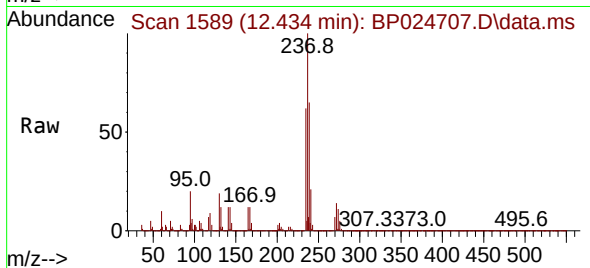




#41
Hexachlorocyclopentadiene
Concen: 89.188 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

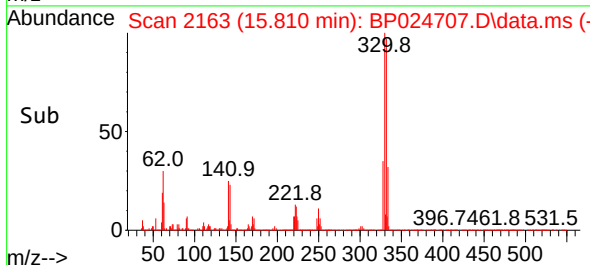
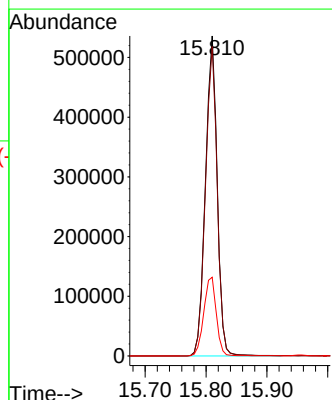
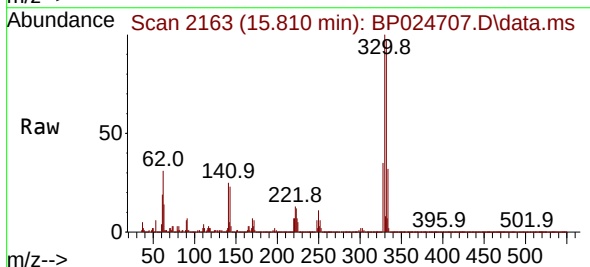
Instrument :
BNA_P
ClientSampleId :
PB168048BS

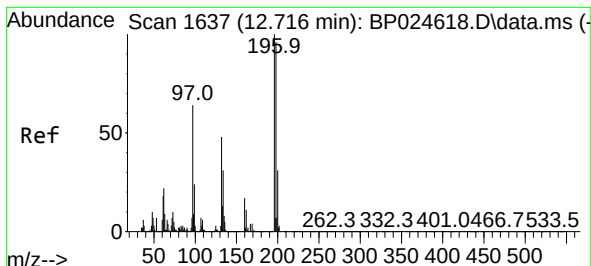
Tgt Ion:237 Resp: 477928
Ion Ratio Lower Upper
237 100
235 62.5 39.9 79.9
272 14.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 139.330 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:330 Resp: 718839
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 26.3 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 46.359 ng

RT: 12.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

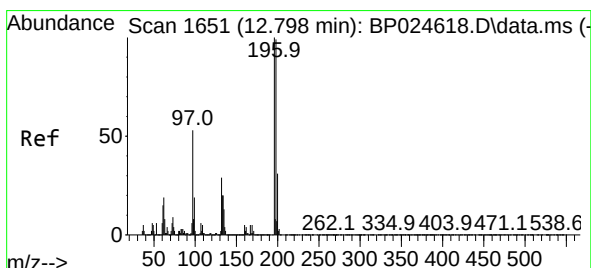
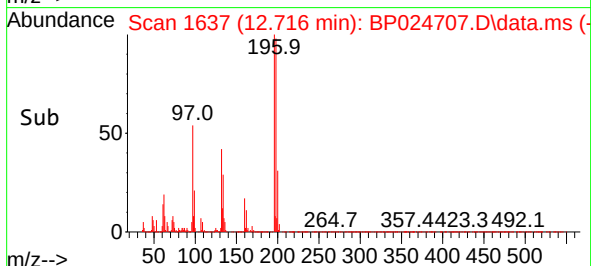
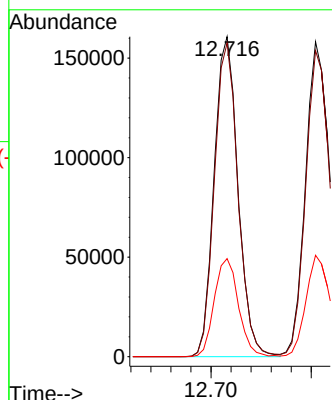
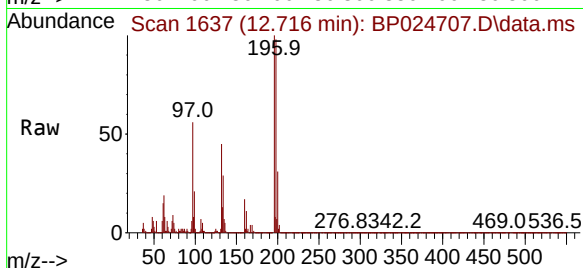
Tgt Ion:196 Resp: 265360

Ion Ratio Lower Upper

196 100

198 98.0 76.9 115.3

200 30.7 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 44.970 ng

RT: 12.804 min Scan# 1652

Delta R.T. 0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion:196 Resp: 286530

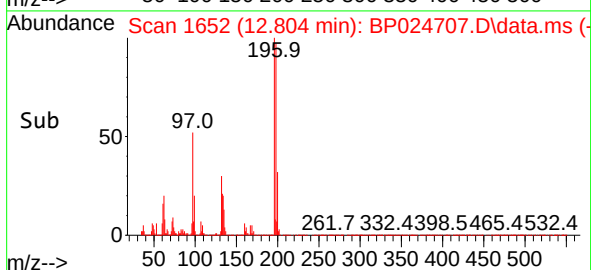
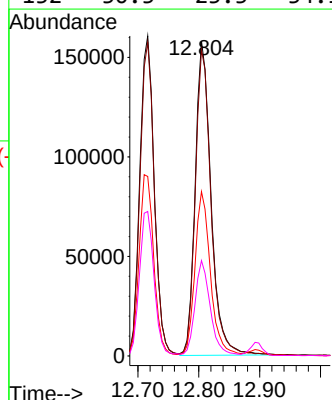
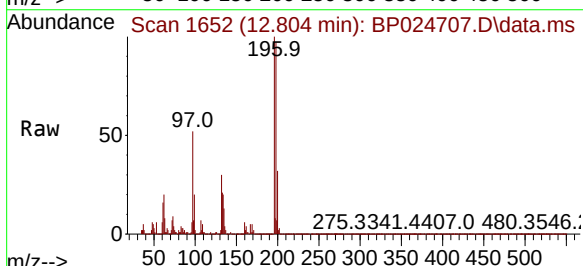
Ion Ratio Lower Upper

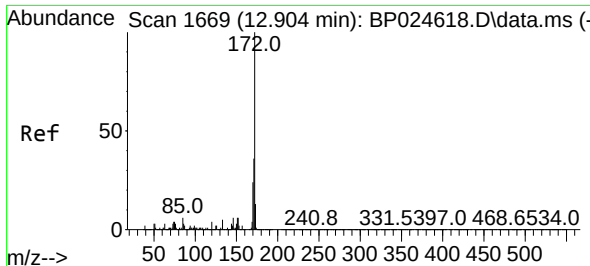
196 100

198 97.2 79.2 118.8

97 52.2 42.3 63.5

132 30.3 23.3 34.9

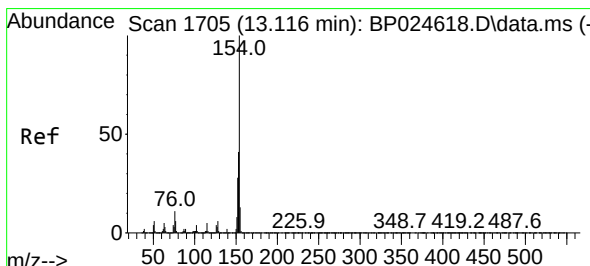
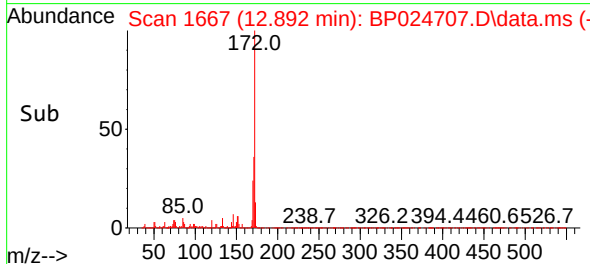
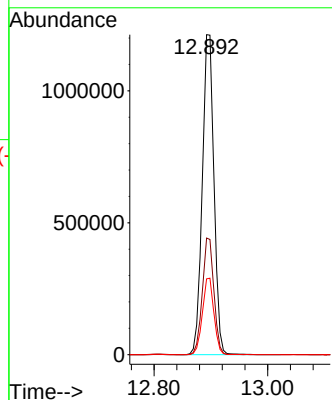
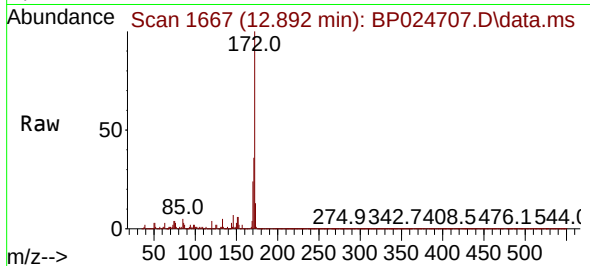




#45
2-Fluorobiphenyl
Concen: 74.489 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

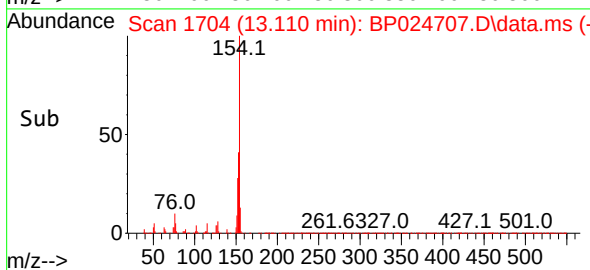
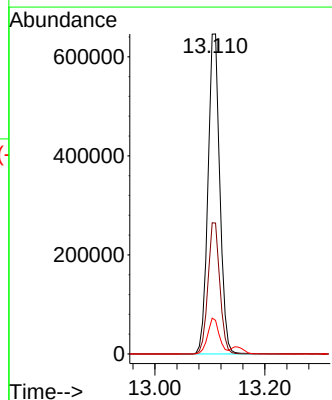
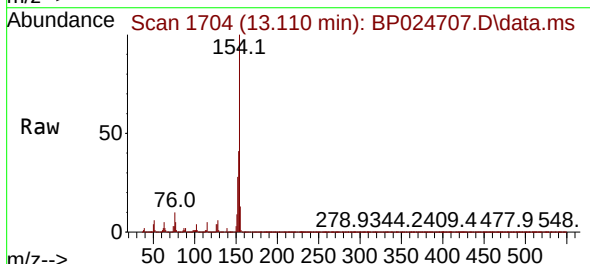
Instrument :
BNA_P
ClientSampleId :
PB168048BS

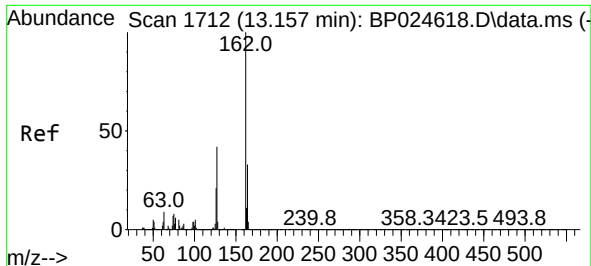
Tgt Ion:172 Resp: 1730298
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.836 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:154 Resp: 963510
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 10.5 0.0 31.5

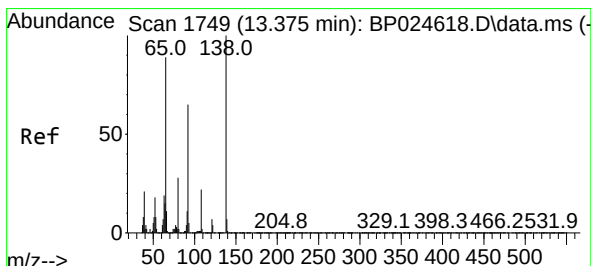
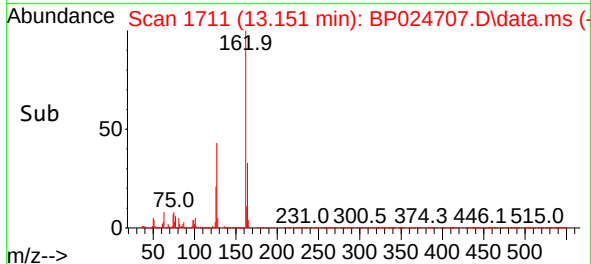
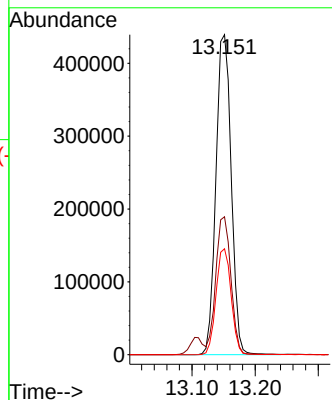
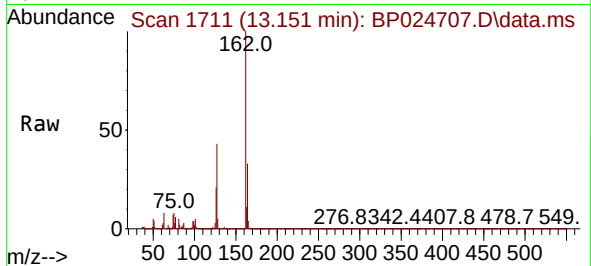




#47
2-Chloronaphthalene
Concen: 42.986 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

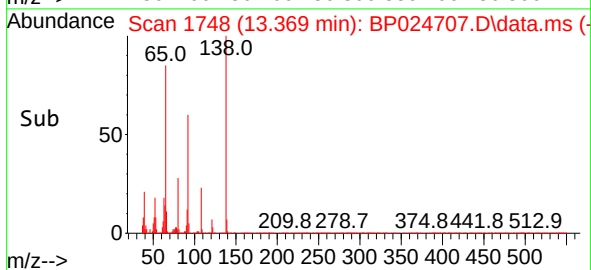
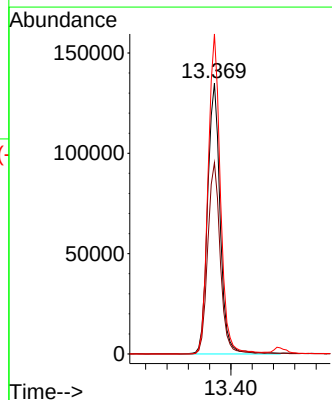
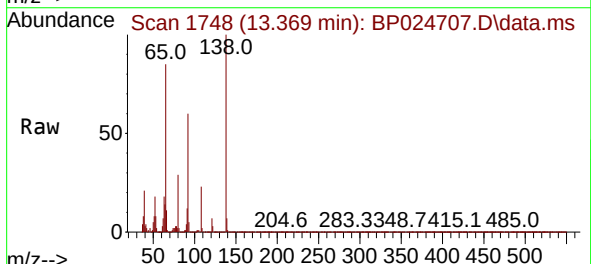
Instrument :
BNA_P
ClientSampleId :
PB168048BS

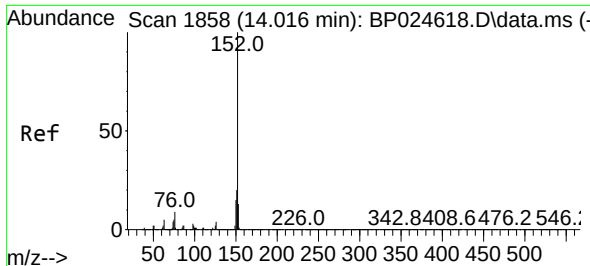
Tgt Ion:162 Resp: 737226
Ion Ratio Lower Upper
162 100
127 43.1 33.8 50.6
164 33.1 26.0 39.0



#48
2-Nitroaniline
Concen: 43.261 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 65 Resp: 219663
Ion Ratio Lower Upper
65 100
92 70.6 58.7 88.1
138 118.1 90.2 135.2

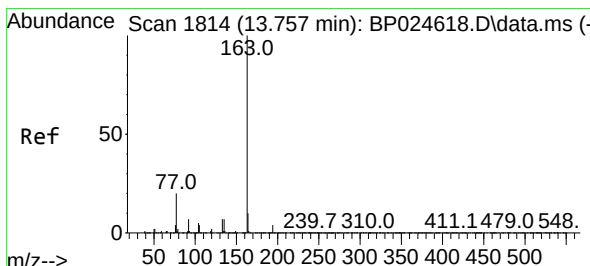
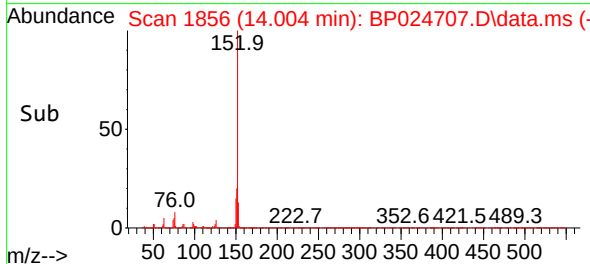
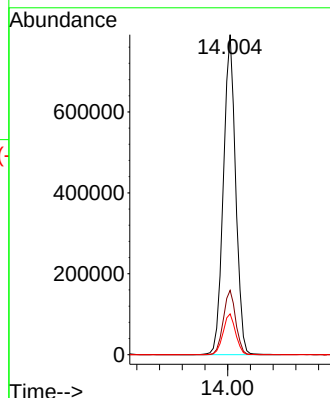
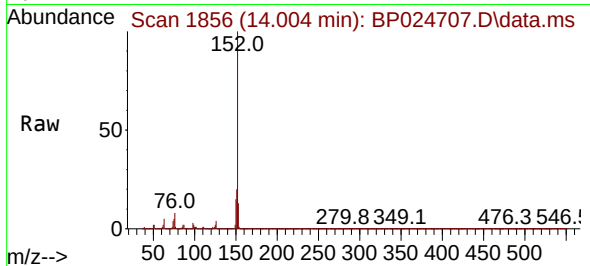




#49
Acenaphthylene
Concen: 41.446 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

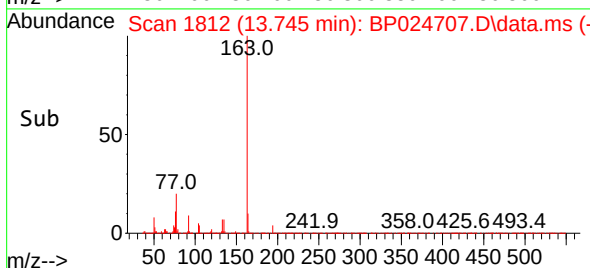
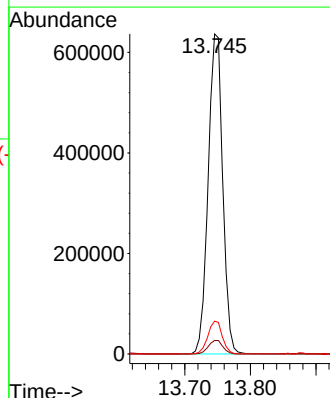
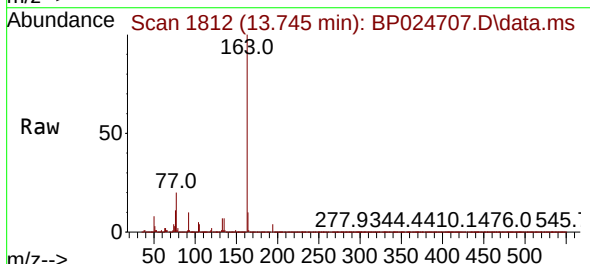
Instrument :
BNA_P
ClientSampleId :
PB168048BS

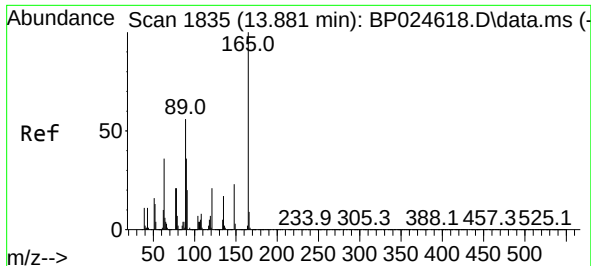
Tgt Ion:152 Resp: 1189545
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.8 10.2 15.4



#50
Dimethylphthalate
Concen: 42.421 ng
RT: 13.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:163 Resp: 984006
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1

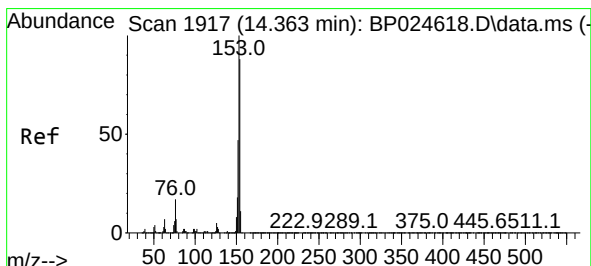
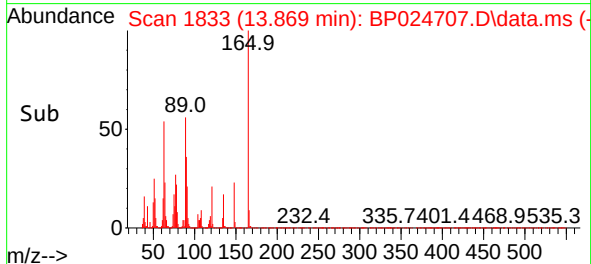
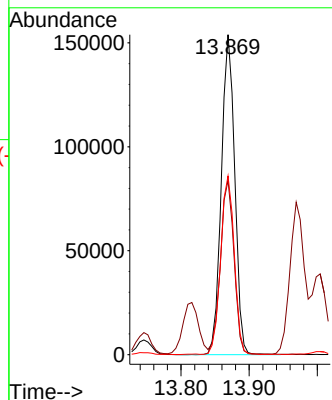
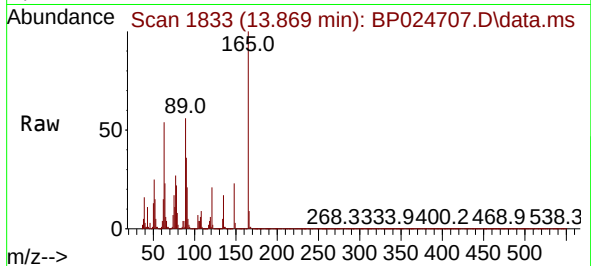




#51
2,6-Dinitrotoluene
Concen: 43.004 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

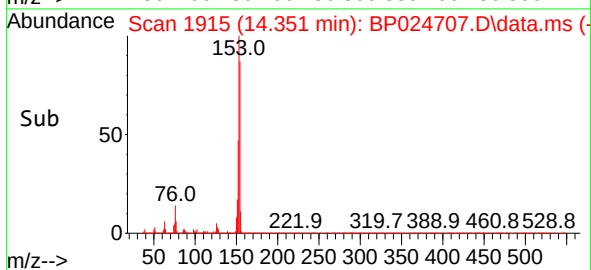
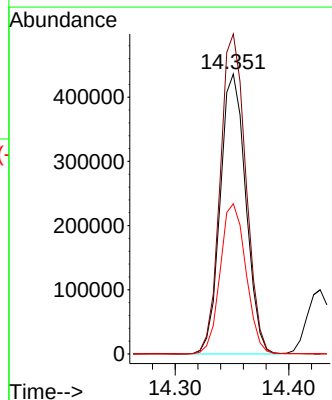
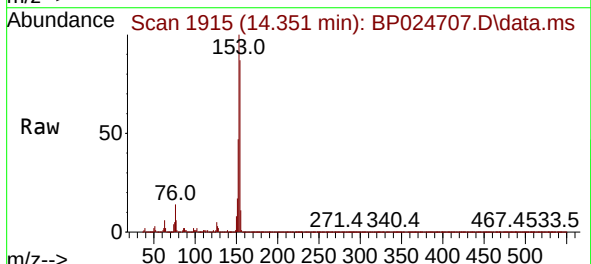
Instrument :
BNA_P
ClientSampleId :
PB168048BS

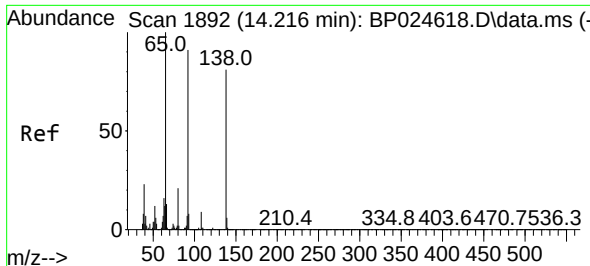
Tgt Ion:165 Resp: 210670
Ion Ratio Lower Upper
165 100
63 54.5 42.4 63.6
89 55.9 44.8 67.2



#52
Acenaphthene
Concen: 41.253 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:154 Resp: 680659
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 53.7 42.9 64.3

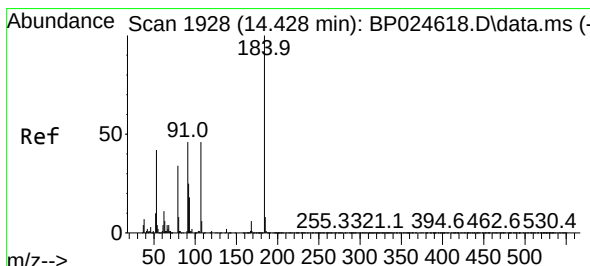
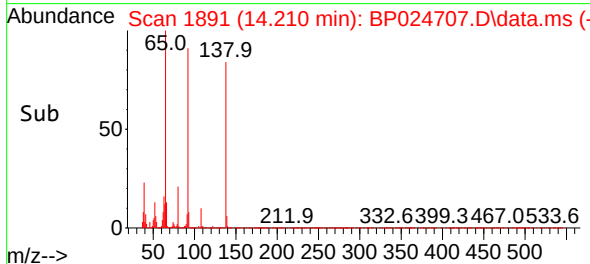
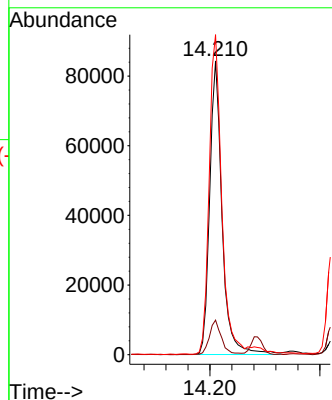
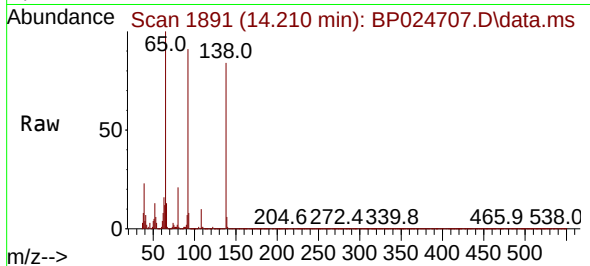




#53
3-Nitroaniline
Concen: 26.342 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

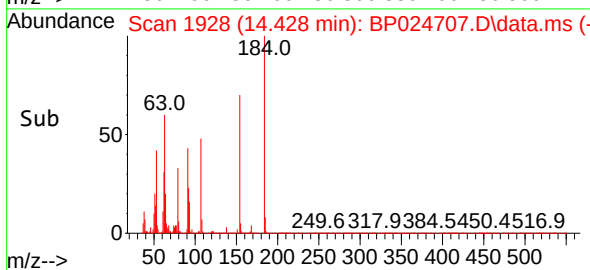
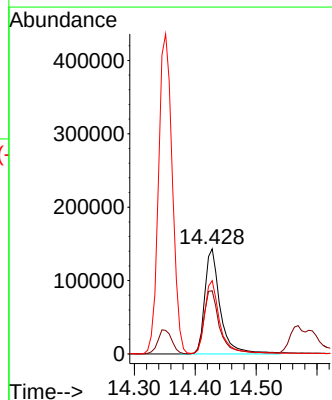
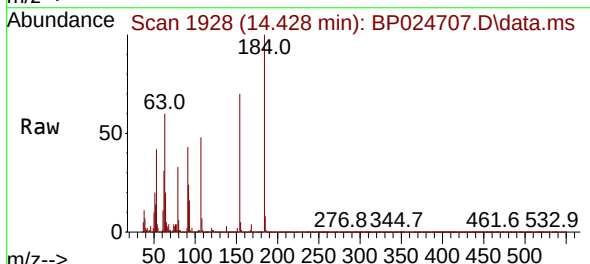
Instrument :
BNA_P
ClientSampleId :
PB168048BS

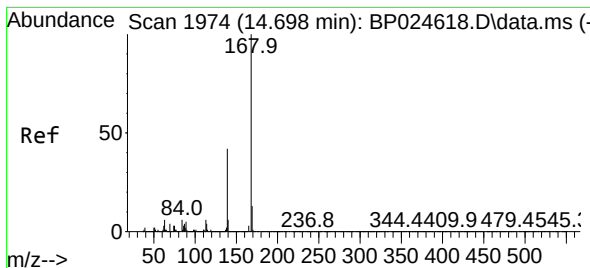
Tgt Ion:138 Resp: 131765
Ion Ratio Lower Upper
138 100
108 11.8 9.0 13.4
92 108.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 81.567 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:184 Resp: 252393
Ion Ratio Lower Upper
184 100
63 60.1 51.3 76.9
154 69.7 53.5 80.3





#55

Dibenzenofuran

Concen: 42.175 ng

RT: 14.692 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

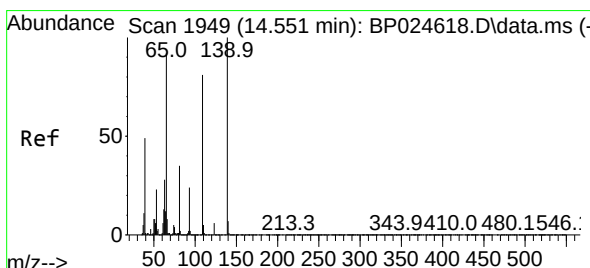
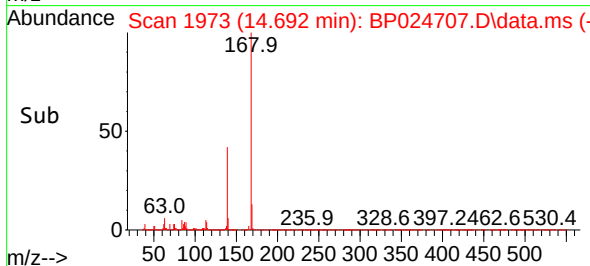
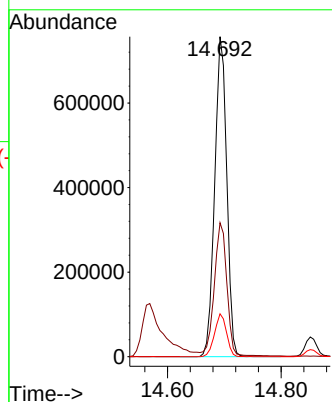
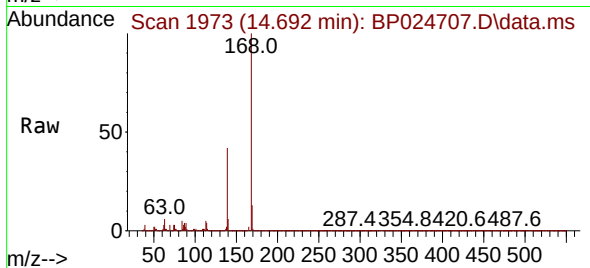
Tgt Ion:168 Resp: 1109951

Ion Ratio Lower Upper

168 100

139 41.9 34.2 51.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 75.469 ng

RT: 14.569 min Scan# 1952

Delta R.T. 0.018 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

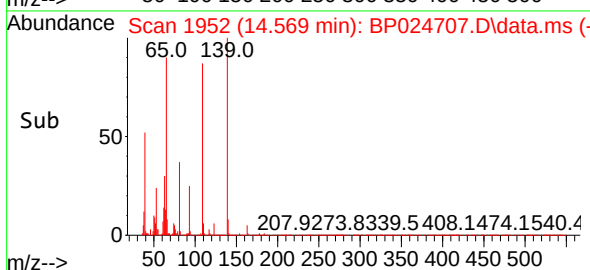
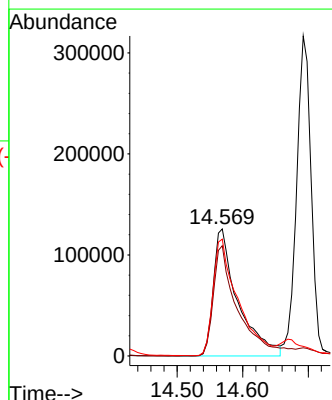
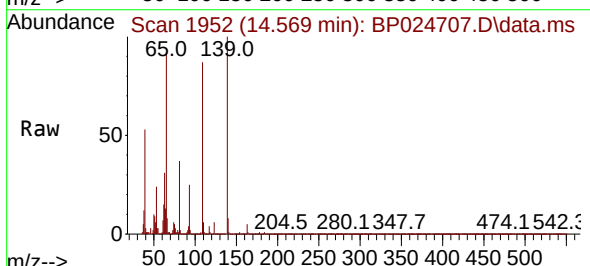
Tgt Ion:139 Resp: 325725

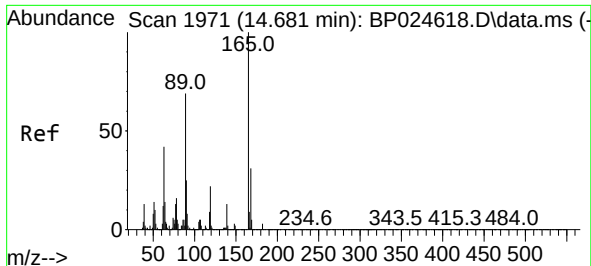
Ion Ratio Lower Upper

139 100

109 86.8 61.4 101.4

65 91.9 72.2 112.2

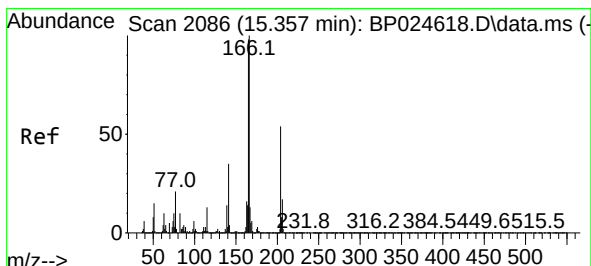
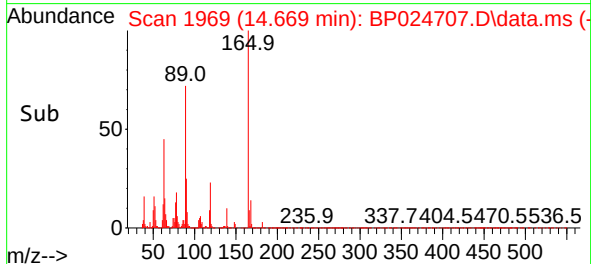
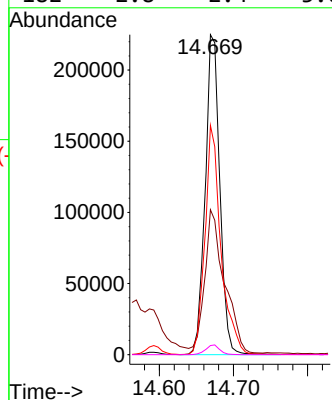
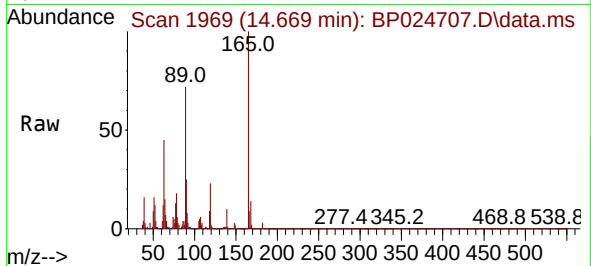




#57
2,4-Dinitrotoluene
Concen: 44.656 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

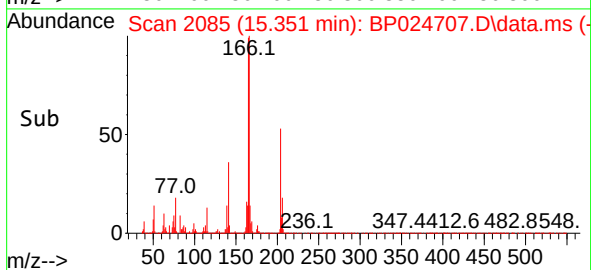
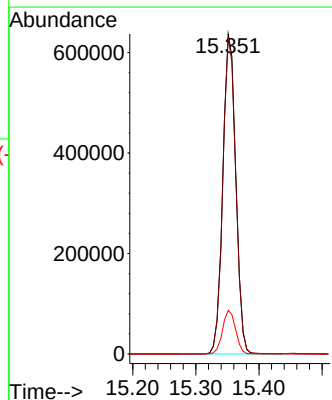
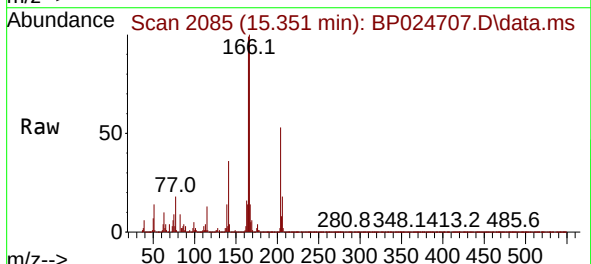
Instrument :
BNA_P
ClientSampleId :
PB168048BS

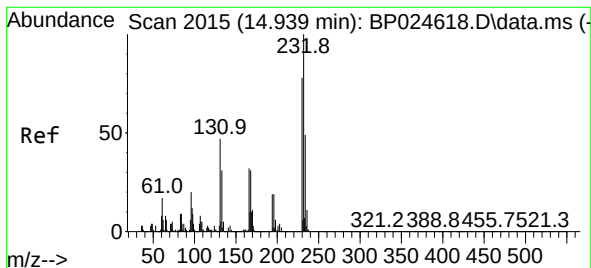
Tgt Ion:165 Resp: 308420
Ion Ratio Lower Upper
165 100
63 45.3 33.8 50.6
89 71.7 55.6 83.4
182 2.8 2.4 3.6



#58
Fluorene
Concen: 42.407 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:166 Resp: 910033
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 13.6 10.7 16.1



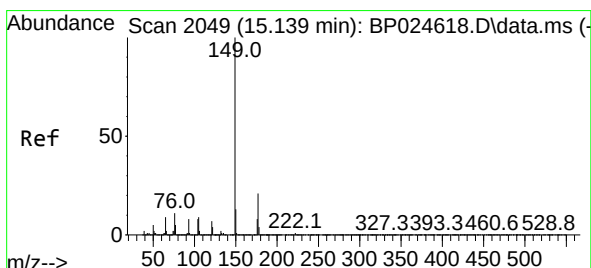
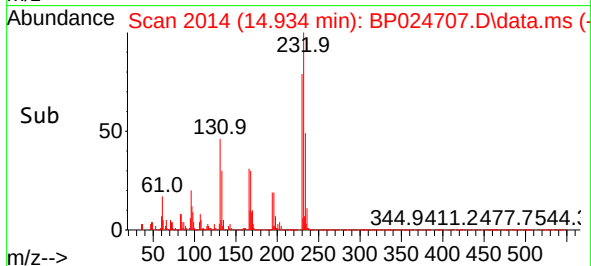
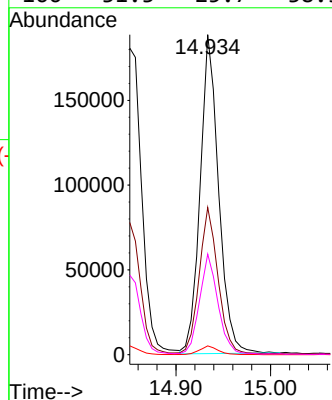
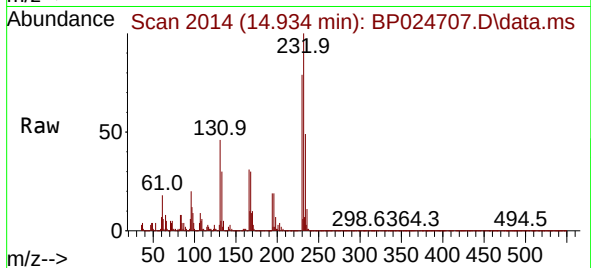


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.340 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Instrument :
BNA_P
ClientSampleId :
PB168048BS

Tgt Ion:232 Resp: 256167

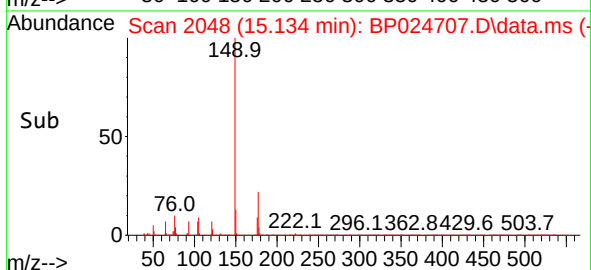
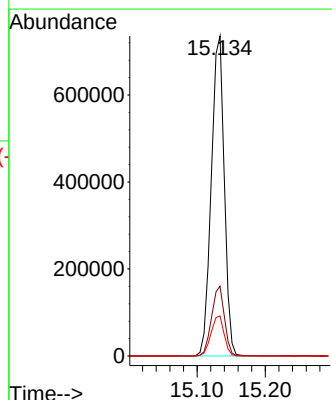
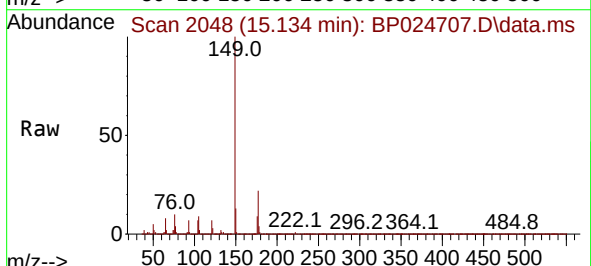
Ion	Ratio	Lower	Upper
232	100		
131	46.8	39.5	59.3
130	2.8	2.2	3.4
166	31.3	25.7	38.5

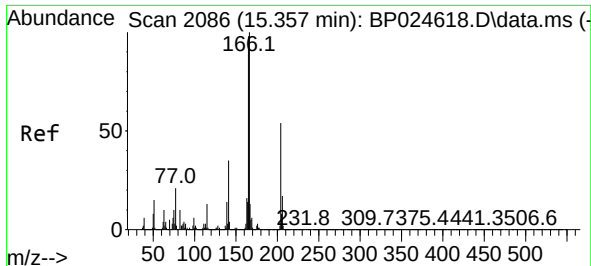


#60
Diethylphthalate
Concen: 41.587 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 974989

Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.5	10.2	15.2

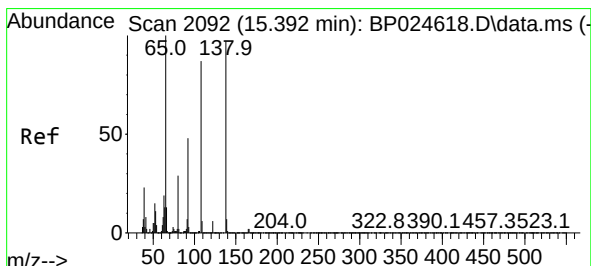
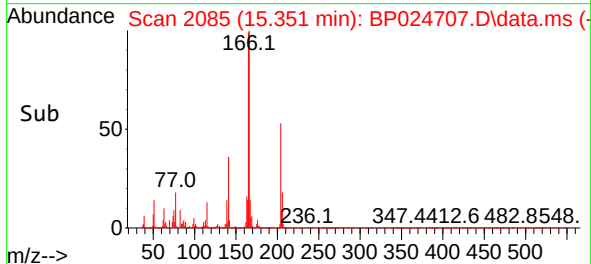
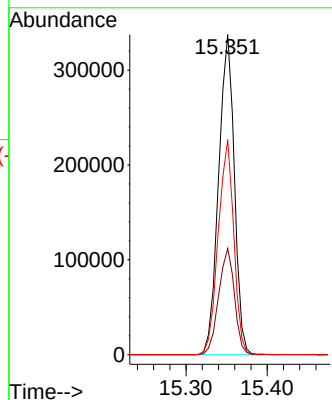
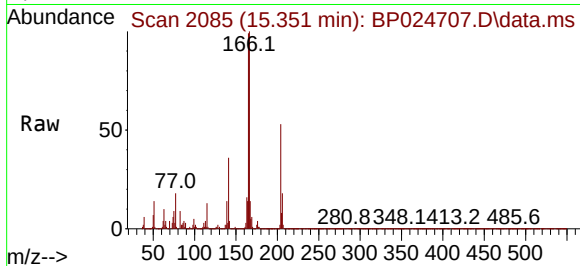




#61
4-Chlorophenyl-phenylether
Concen: 42.541 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

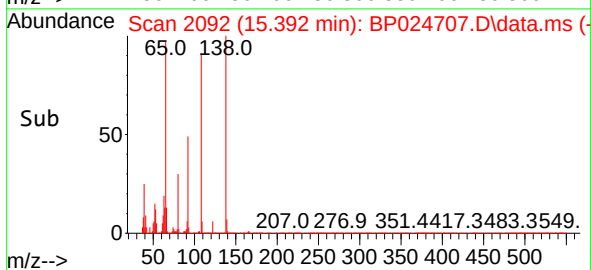
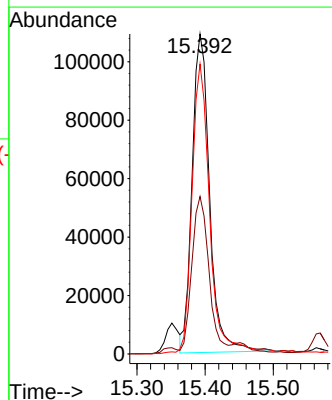
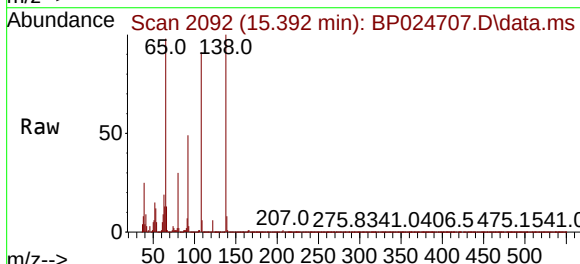
Instrument :
BNA_P
ClientSampleId :
PB168048BS

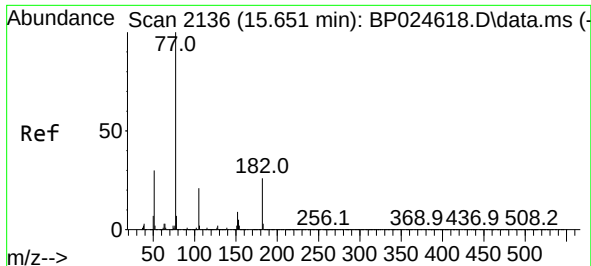
Tgt Ion:204 Resp: 455268
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 67.2 52.9 79.3



#62
4-Nitroaniline
Concen: 39.994 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:138 Resp: 193166
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 90.6 69.0 109.0

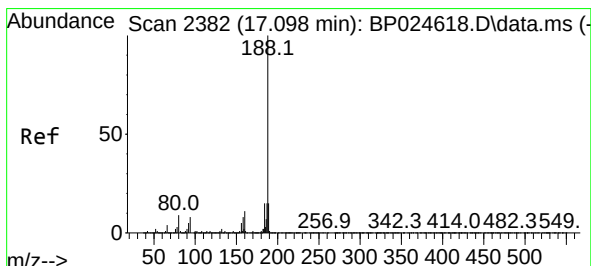
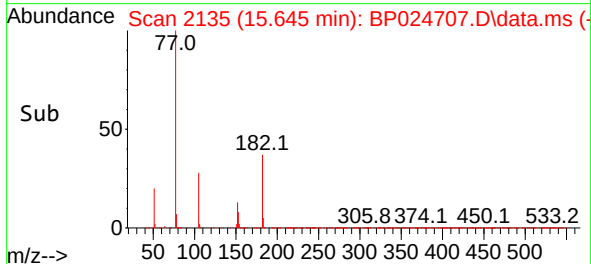
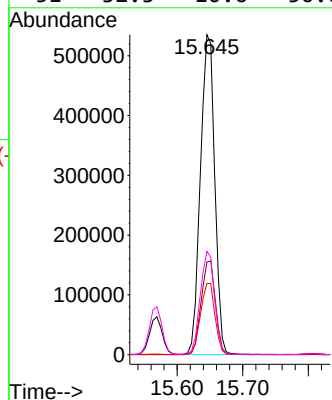
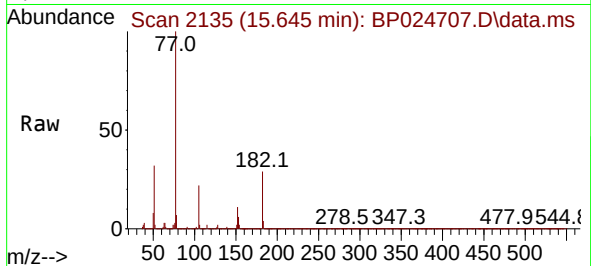




#63
Azobenzene
Concen: 40.590 ng
RT: 15.645 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

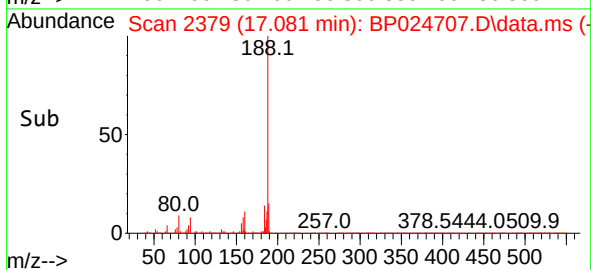
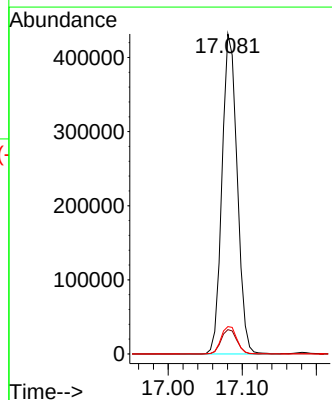
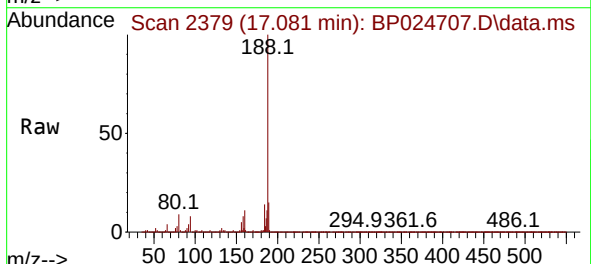
Instrument :
BNA_P
ClientSampleId :
PB168048BS

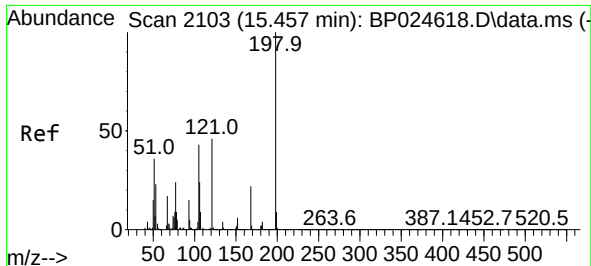
Tgt Ion:	77	Resp:	814077
Ion	Ratio	Lower	Upper
77	100		
182	28.9	5.7	45.7
105	22.3	1.3	41.3
51	32.3	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:	188	Resp:	614284
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.5	7.3	10.9

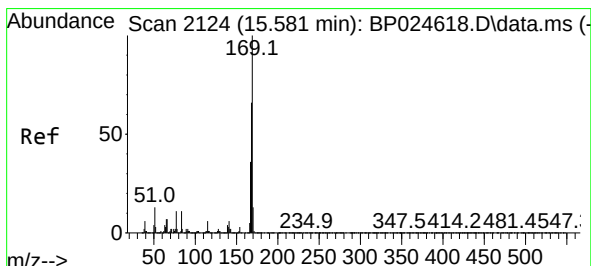
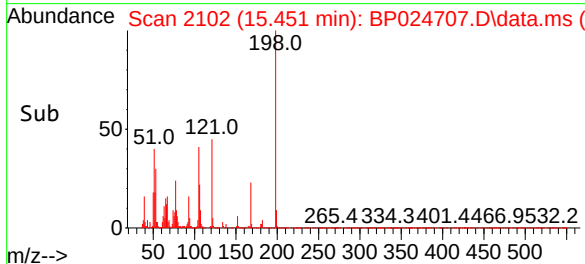
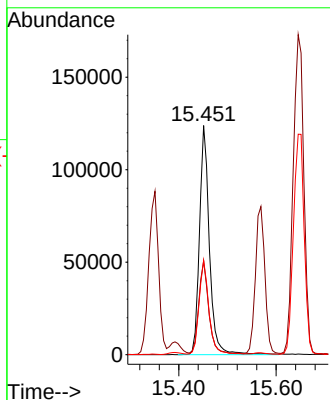
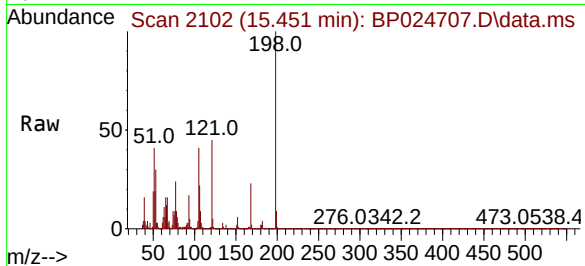




#65
4,6-Dinitro-2-methylphenol
Concen: 44.261 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

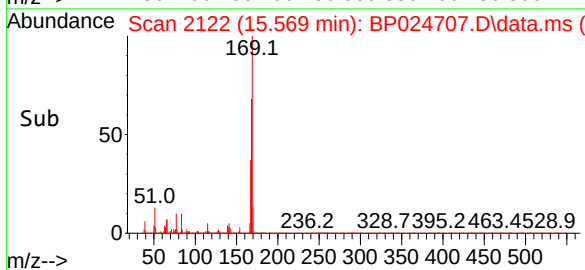
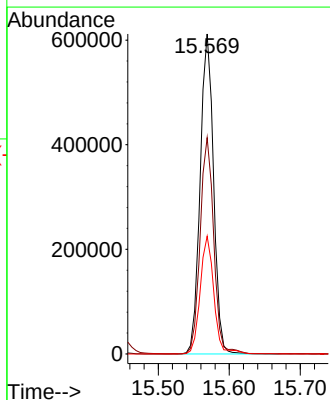
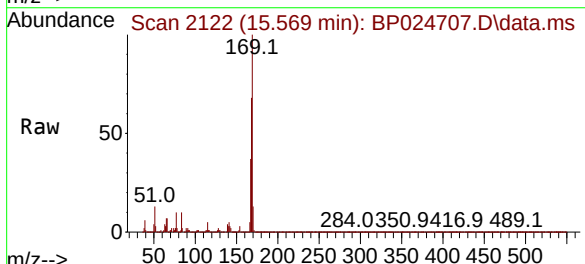
Instrument :
BNA_P
ClientSampleId :
PB168048BS

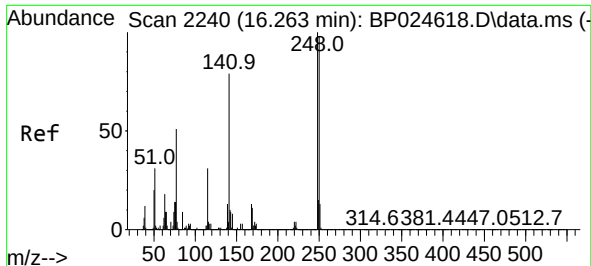
Tgt Ion:198 Resp: 175622
Ion Ratio Lower Upper
198 100
51 40.9 21.1 61.1
105 41.2 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.587 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:169 Resp: 803540
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 36.8 28.6 43.0

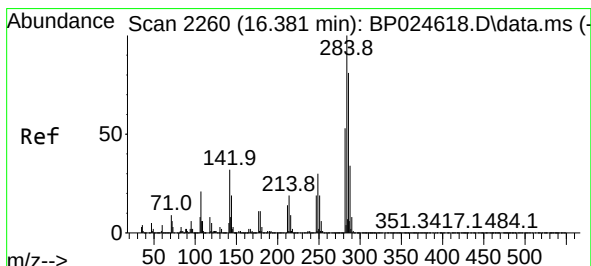
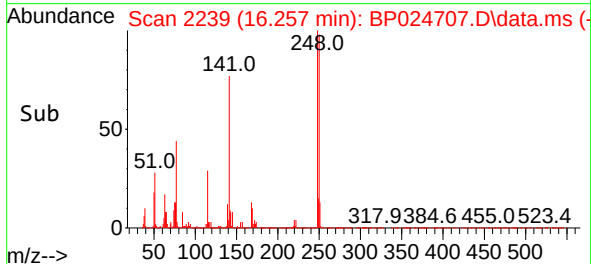
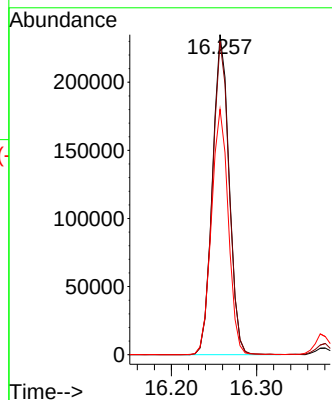
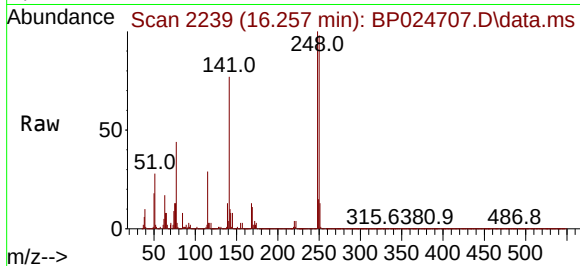




#67
4-Bromophenyl-phenylether
Concen: 44.014 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

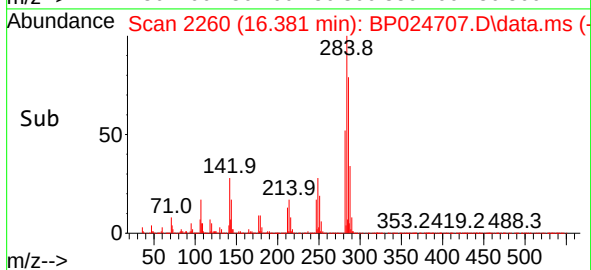
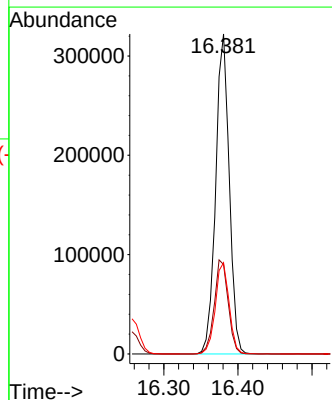
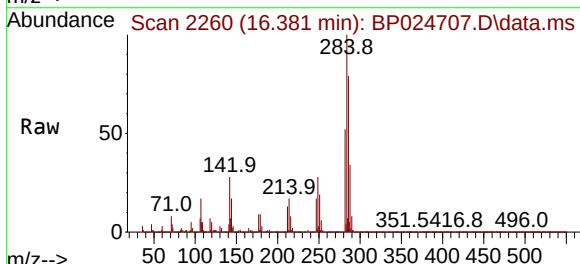
Instrument :
BNA_P
ClientSampleId :
PB168048BS

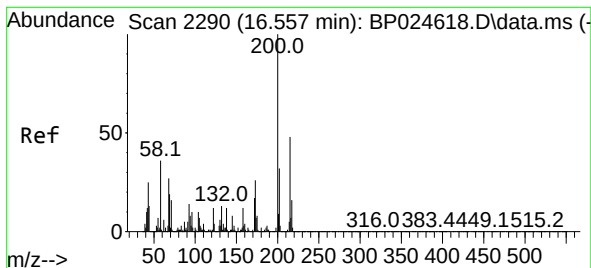
Tgt Ion:248 Resp: 318593
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 76.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 44.412 ng
RT: 16.381 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:284 Resp: 408492
Ion Ratio Lower Upper
284 100
142 27.9 25.9 38.9
249 28.5 24.1 36.1





#69

Atrazine

Concen: 44.406 ng

RT: 16.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

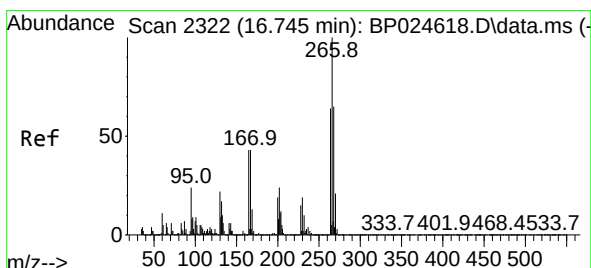
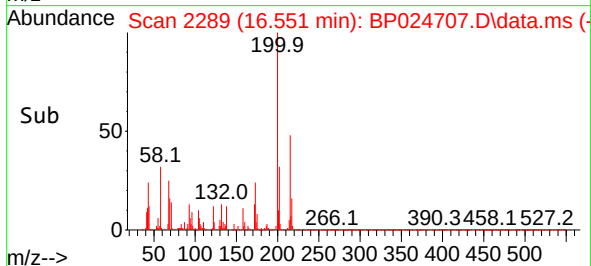
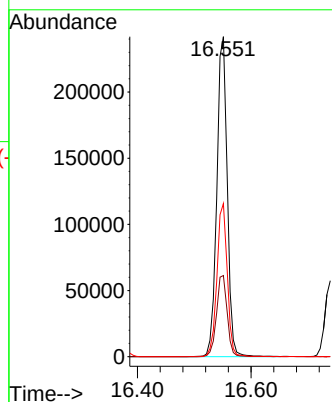
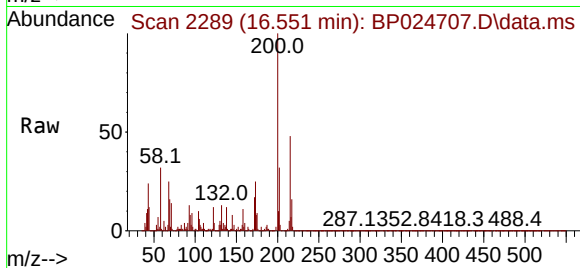
Tgt Ion:200 Resp: 307059

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 47.9 28.3 68.3



#70

Pentachlorophenol

Concen: 98.822 ng

RT: 16.739 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

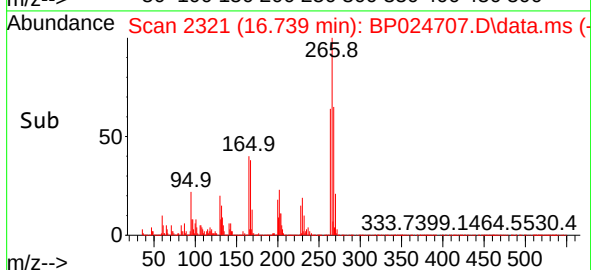
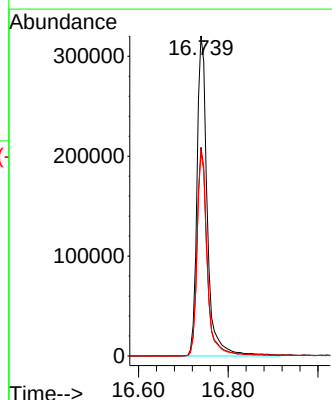
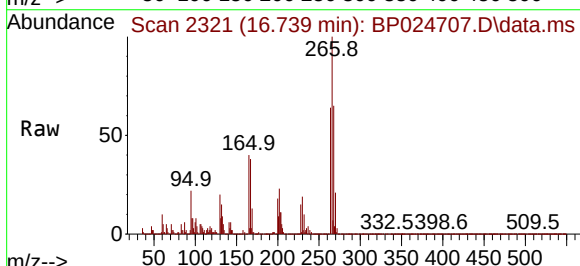
Tgt Ion:266 Resp: 510226

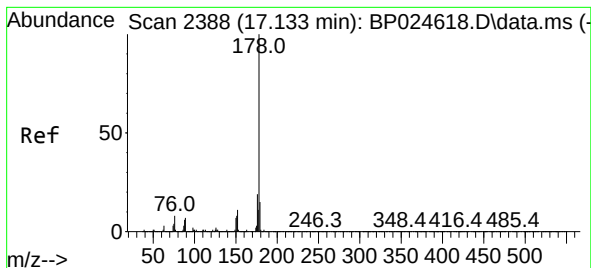
Ion Ratio Lower Upper

266 100

268 65.2 52.2 78.4

264 63.6 51.1 76.7





#71

Phenanthrene

Concen: 40.607 ng

RT: 17.128 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

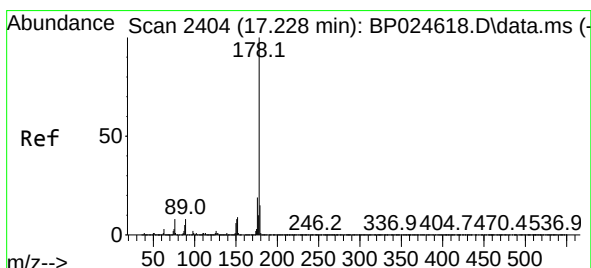
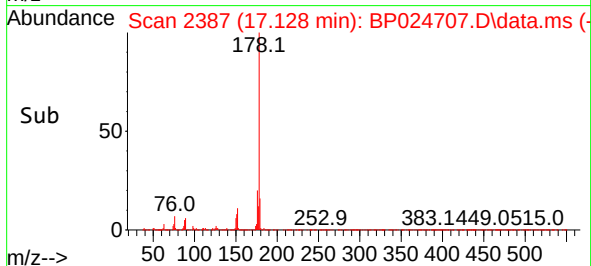
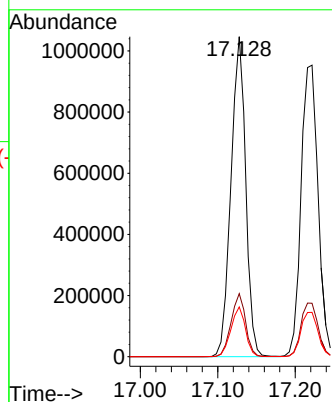
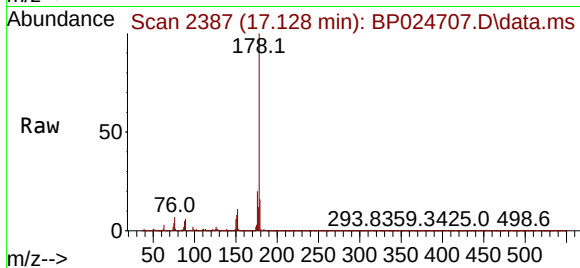
Tgt Ion:178 Resp: 1386666

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 15.6 12.2 18.4



#72

Anthracene

Concen: 42.411 ng

RT: 17.222 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

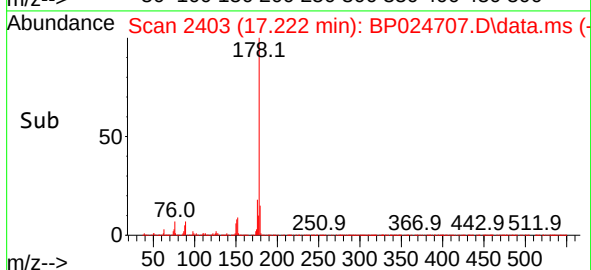
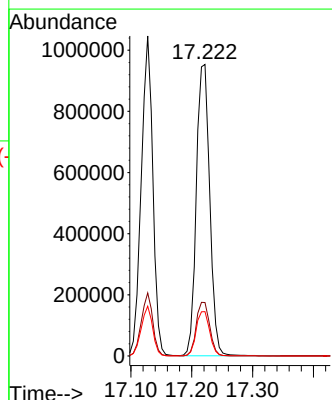
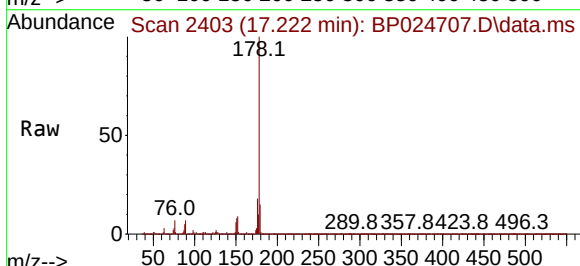
Tgt Ion:178 Resp: 1457149

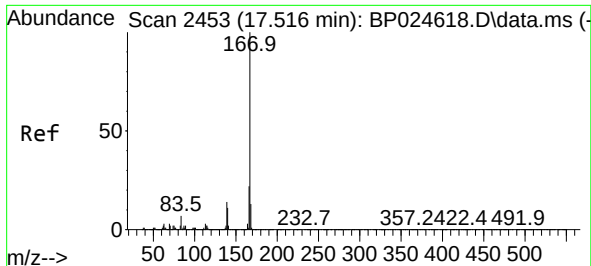
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.2 12.2 18.2

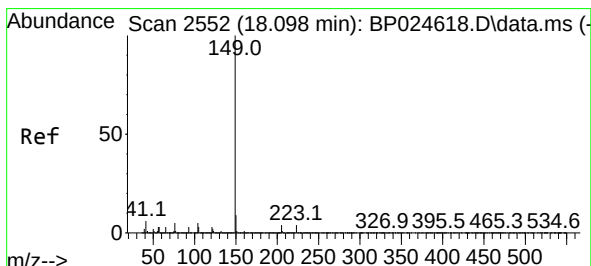
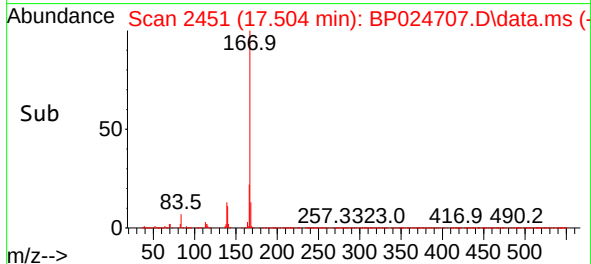
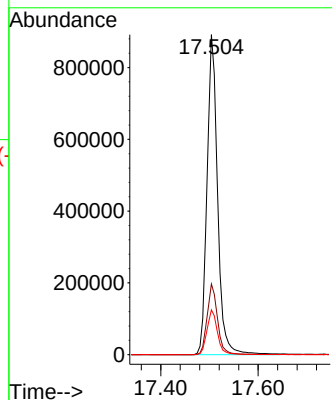
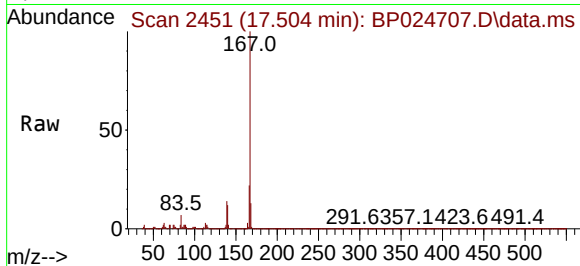




#73
 Carbazole
 Concen: 42.941 ng
 RT: 17.504 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BP024707.D
 Acq: 20 May 2025 14:35

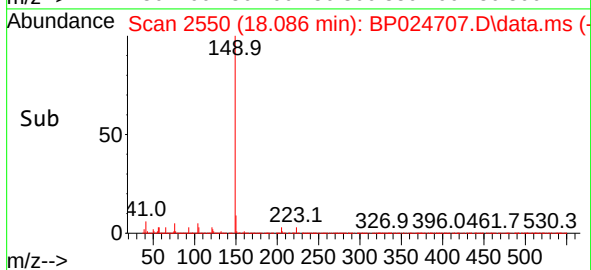
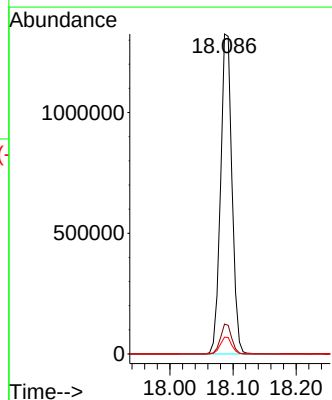
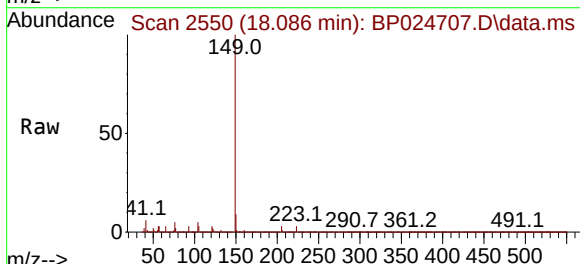
Instrument :
 BNA_P
 ClientSampleId :
 PB168048BS

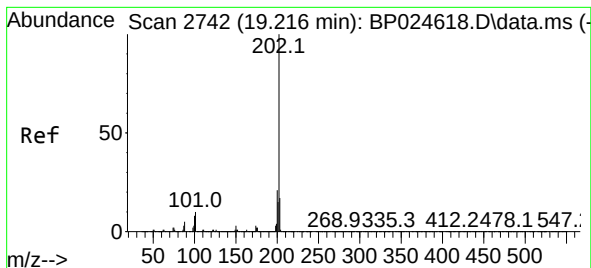
Tgt Ion:167 Resp: 1335342
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.0 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 41.451 ng
 RT: 18.086 min Scan# 2550
 Delta R.T. -0.012 min
 Lab File: BP024707.D
 Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 1657780
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 42.484 ng

RT: 19.216 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

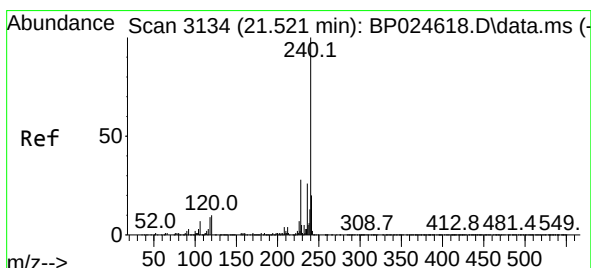
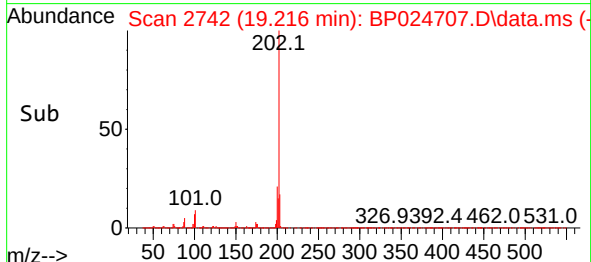
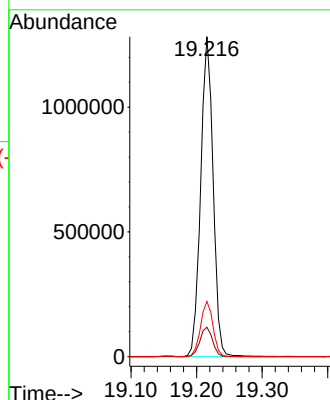
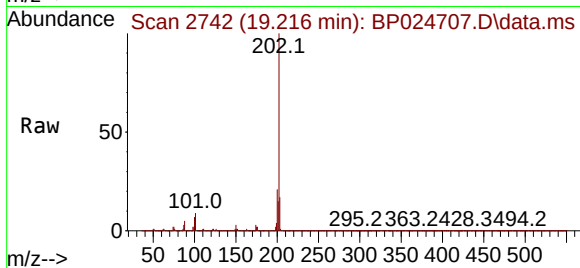
BNA_P

ClientSampleId :

PB168048BS

Tgt Ion:202 Resp: 1695882

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.3
203	17.3	0.0	37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

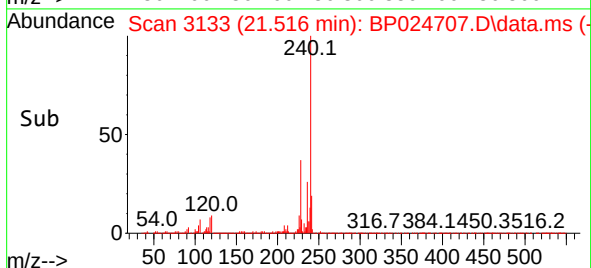
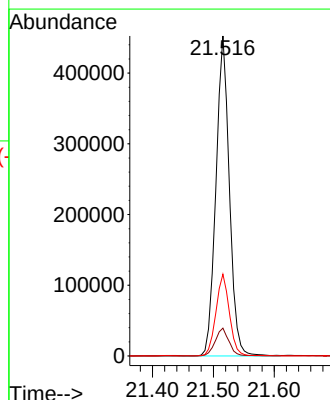
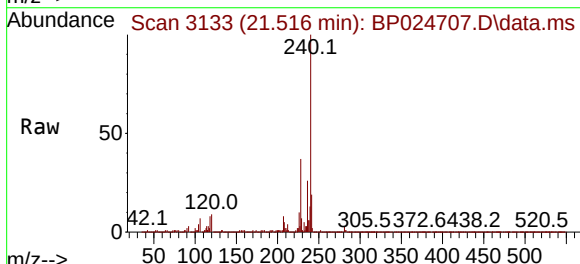
Delta R.T. -0.006 min

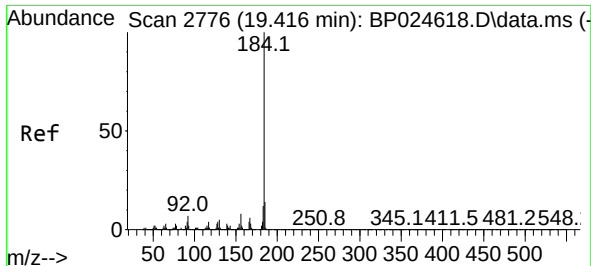
Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion:240 Resp: 693187

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.6
236	25.5	20.6	31.0

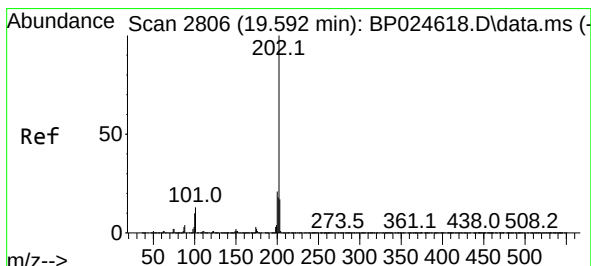
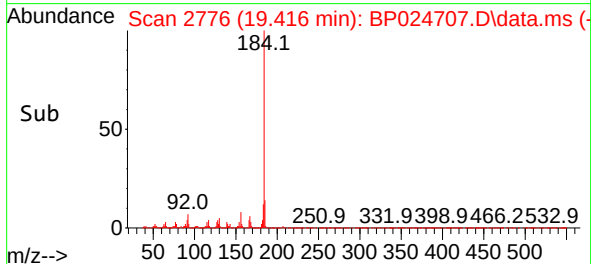
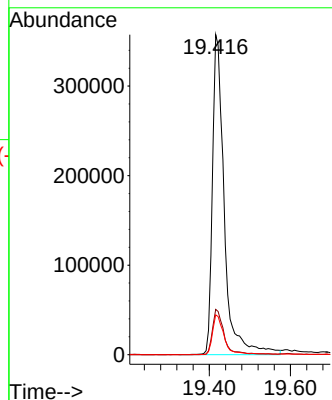
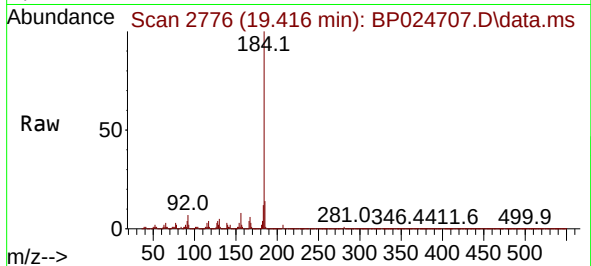




#77
Benzidine
Concen: 38.307 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

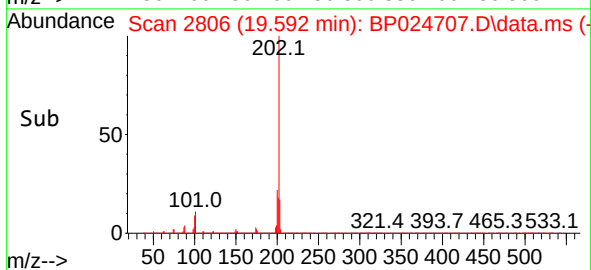
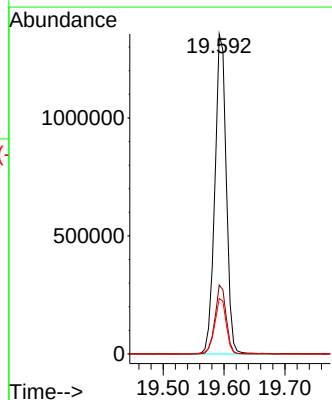
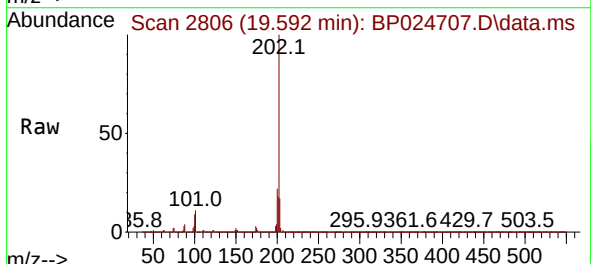
Instrument :
BNA_P
ClientSampleId :
PB168048BS

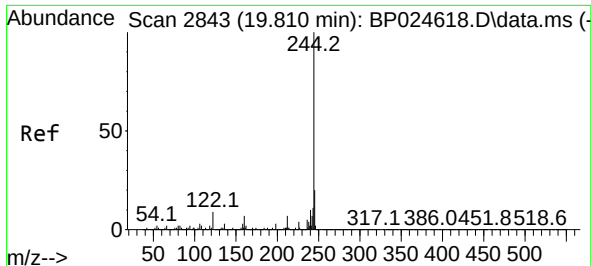
Tgt Ion:184 Resp: 723227
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 42.384 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:202 Resp: 1760402
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.3 13.9 20.9

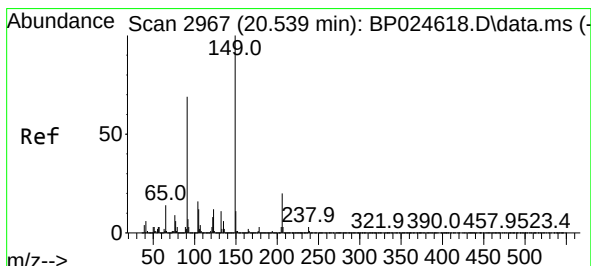
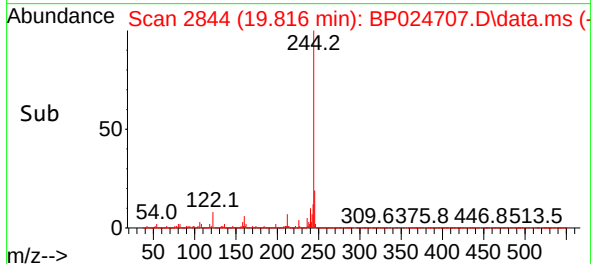
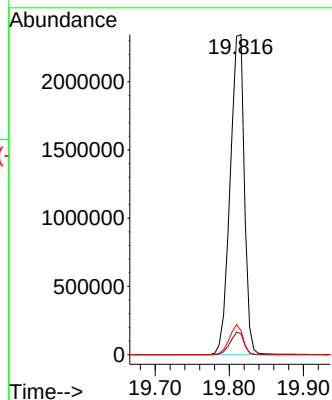
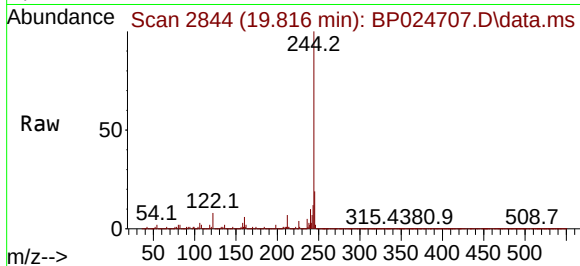




#79
 Terphenyl-d14
 Concen: 76.855 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024707.D
 Acq: 20 May 2025 14:35

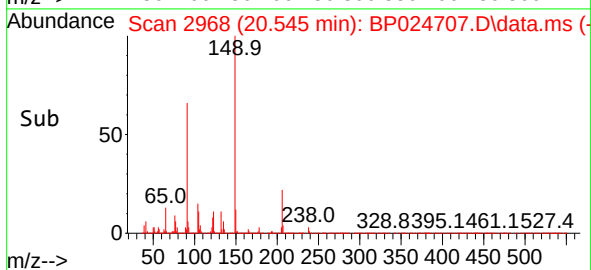
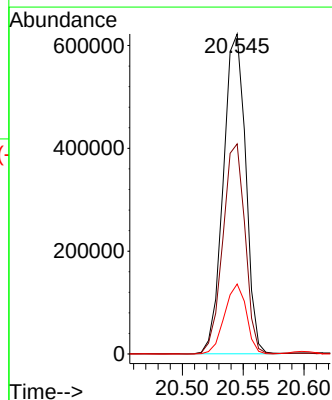
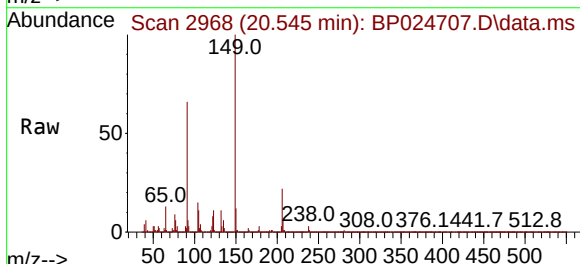
Instrument :
 BNA_P
 ClientSampleId :
 PB168048BS

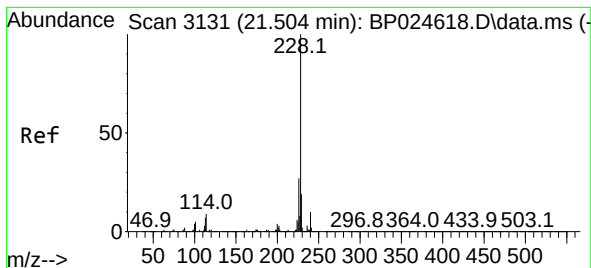
Tgt Ion:244 Resp: 3106963
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 7.6 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 43.100 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. 0.006 min
 Lab File: BP024707.D
 Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 796147
 Ion Ratio Lower Upper
 149 100
 91 65.7 55.4 83.0
 206 21.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.934 ng

RT: 21.492 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

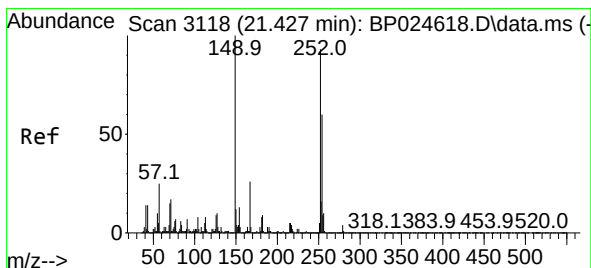
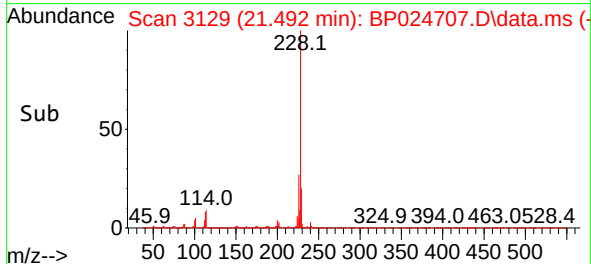
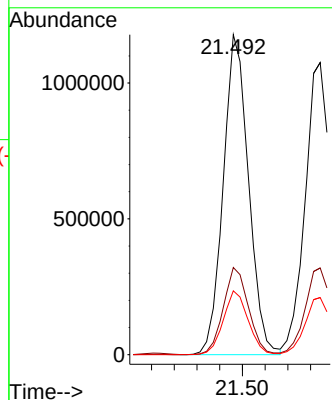
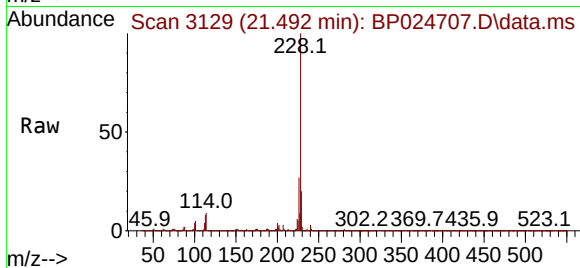
Tgt Ion:228 Resp: 1825211

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 33.013 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

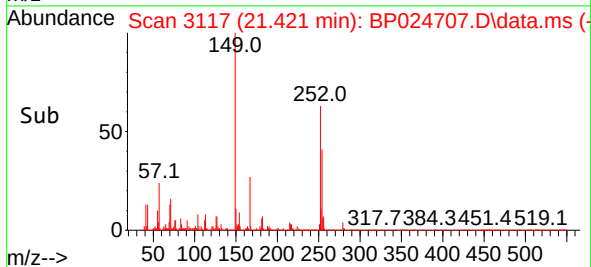
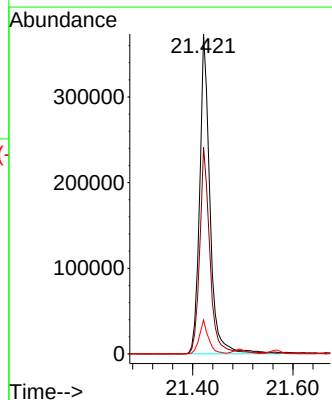
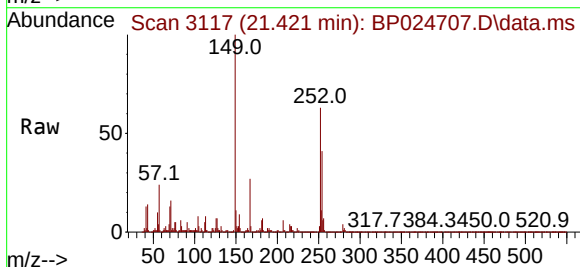
Tgt Ion:252 Resp: 533711

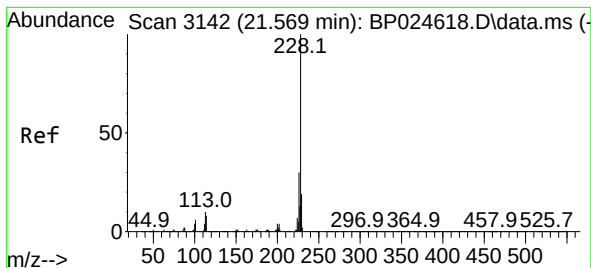
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 10.6 7.7 11.5





#83

Chrysene

Concen: 40.778 ng

RT: 21.569 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

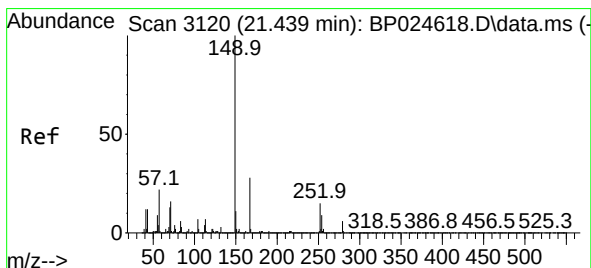
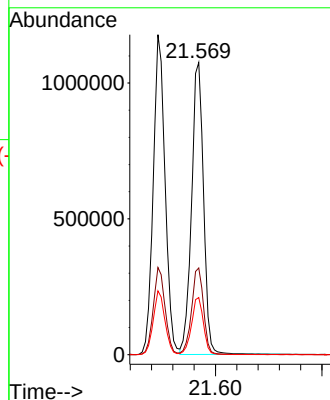
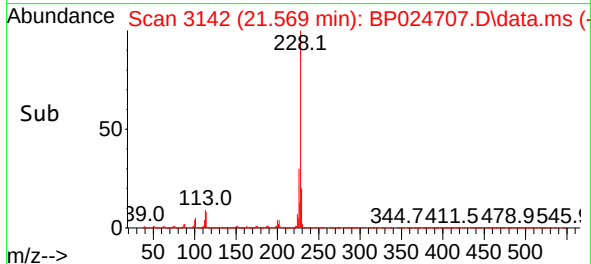
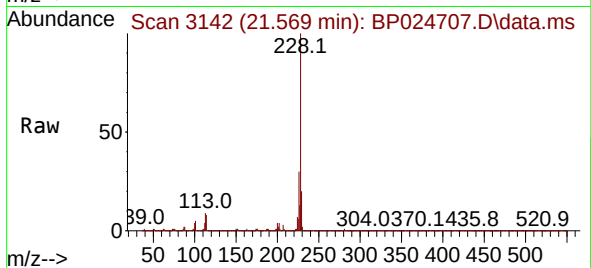
BNA_P

ClientSampleId :

PB168048BS

Tgt Ion:228 Resp: 1682550

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.6	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.315 ng

RT: 21.433 min Scan# 3119

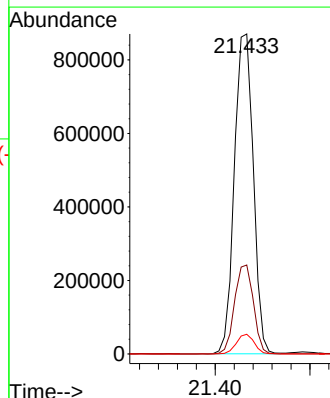
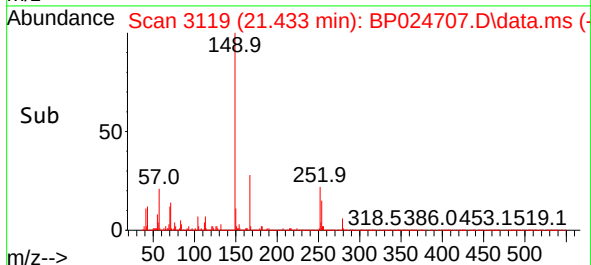
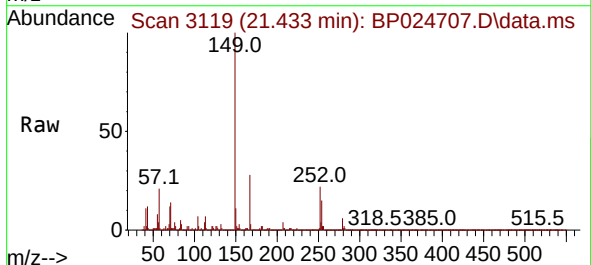
Delta R.T. -0.006 min

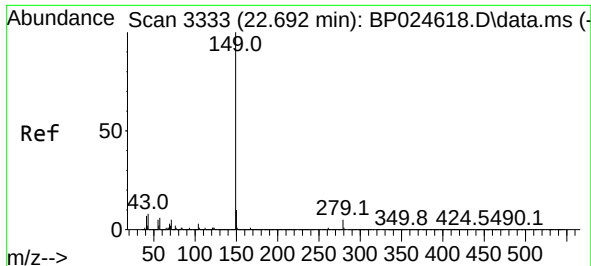
Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 1203178

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	6.2	4.6	6.8

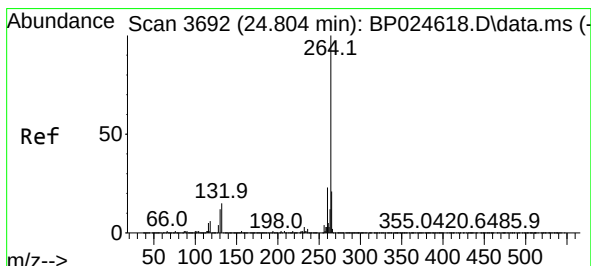
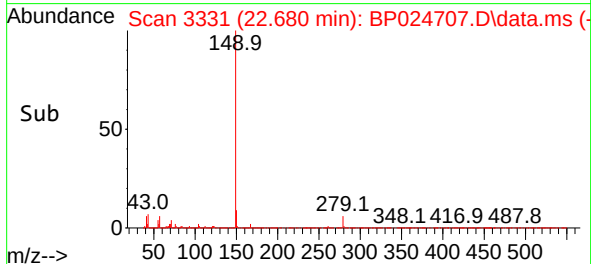
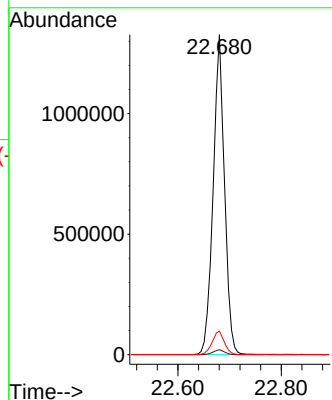
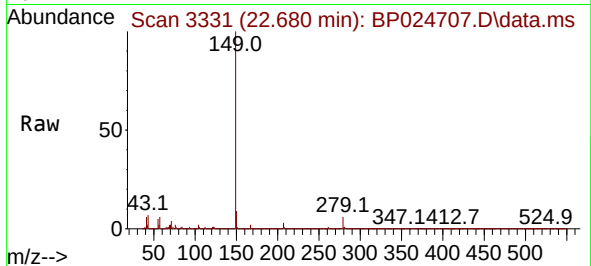




#85
Di-n-octyl phthalate
Concen: 45.433 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

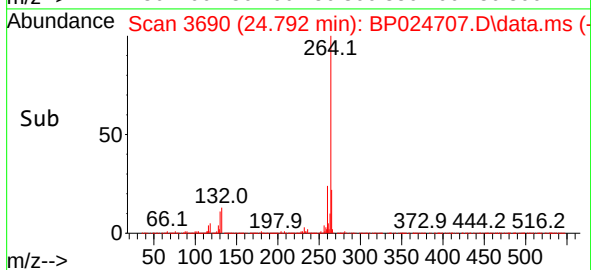
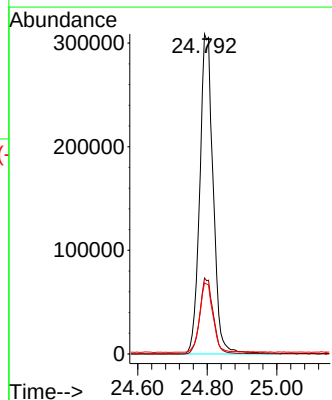
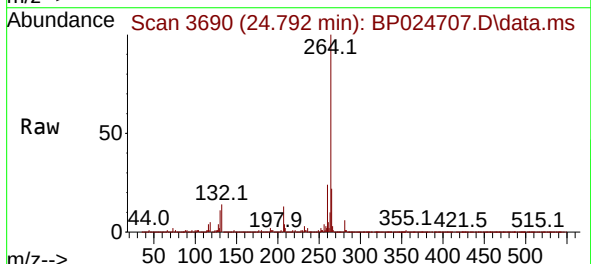
Instrument :
BNA_P
ClientSampleId :
PB168048BS

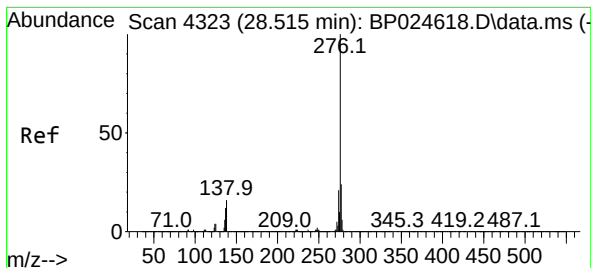
Tgt Ion:149 Resp: 2017155
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.8 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:264 Resp: 827509
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.681 ng

RT: 28.521 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

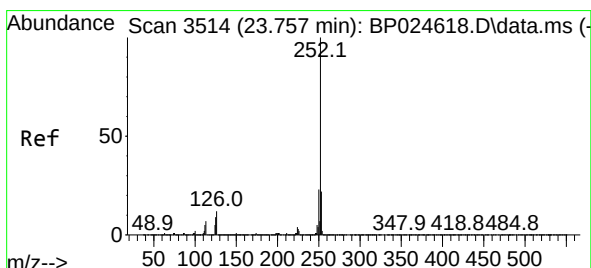
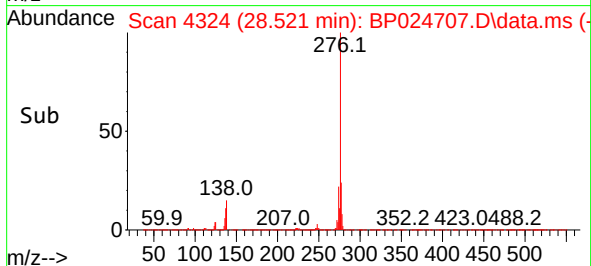
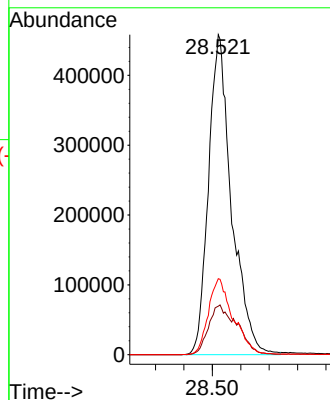
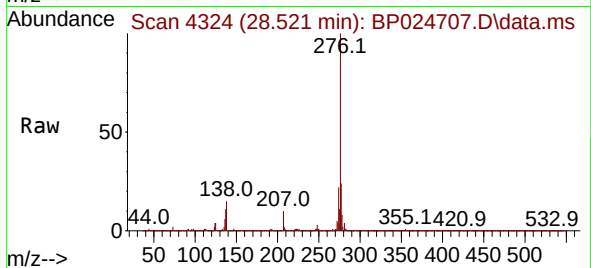
Tgt Ion:276 Resp: 2578470

Ion Ratio Lower Upper

276 100

138 19.3 11.2 16.8#

277 25.6 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 42.499 ng

RT: 23.757 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

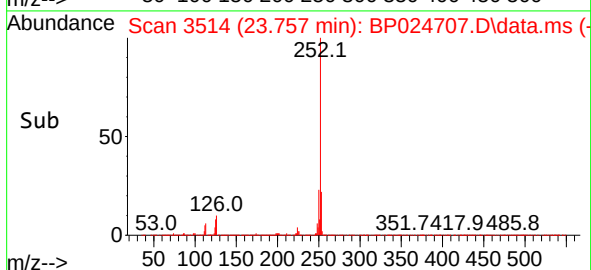
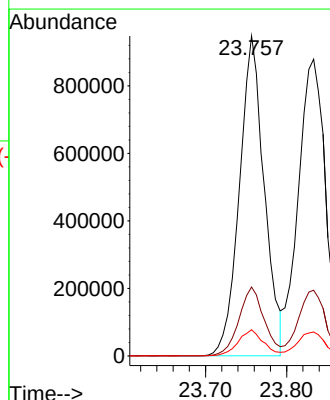
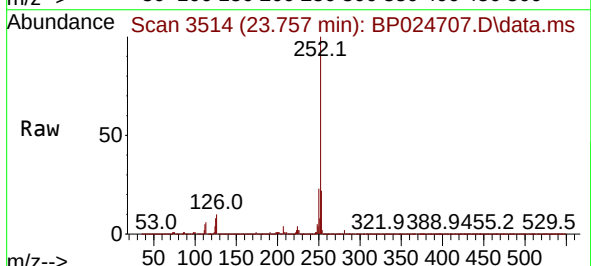
Tgt Ion:252 Resp: 2012992

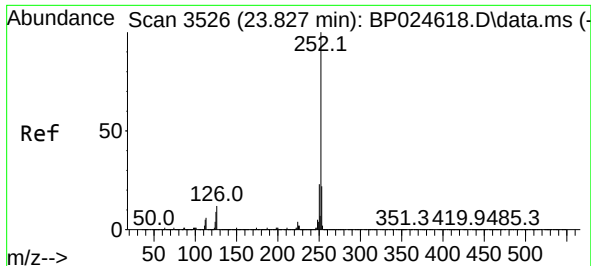
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.2 7.5 11.3

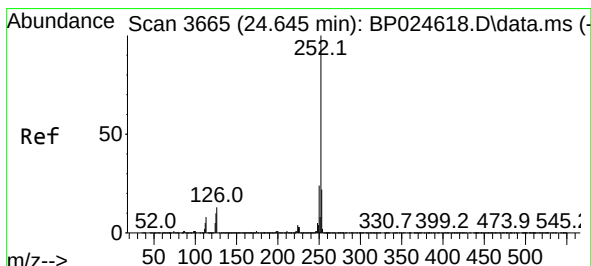
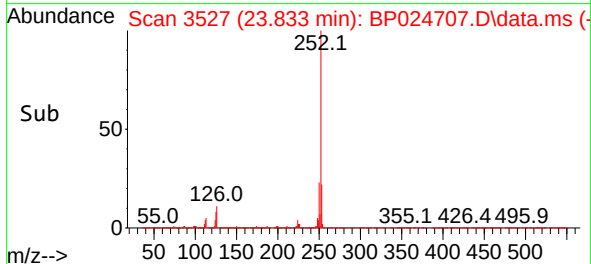
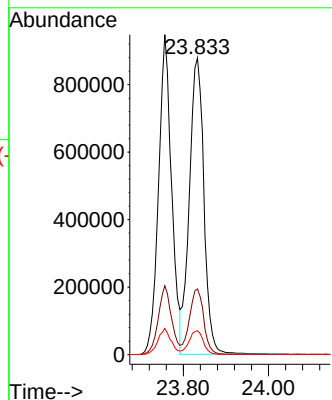
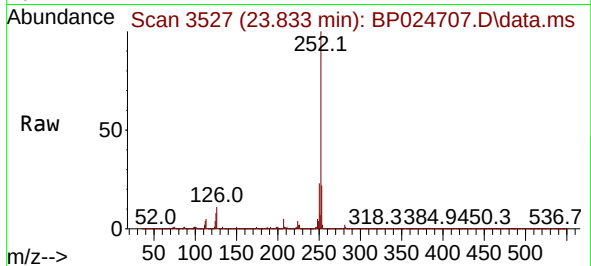




#89
Benzo(k)fluoranthene
Concen: 42.726 ng
RT: 23.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

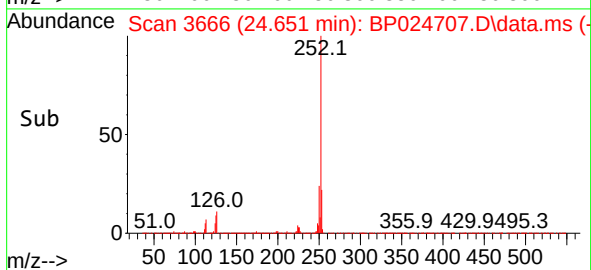
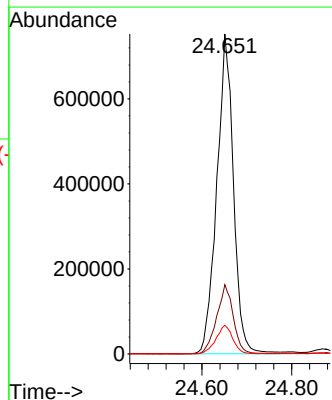
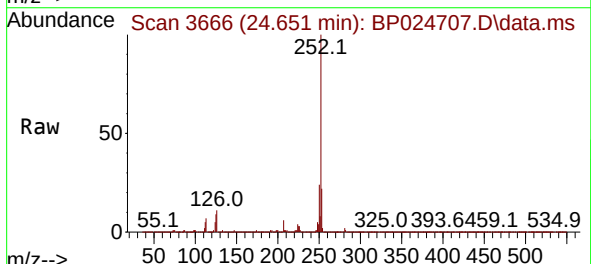
Instrument :
BNA_P
ClientSampleId :
PB168048BS

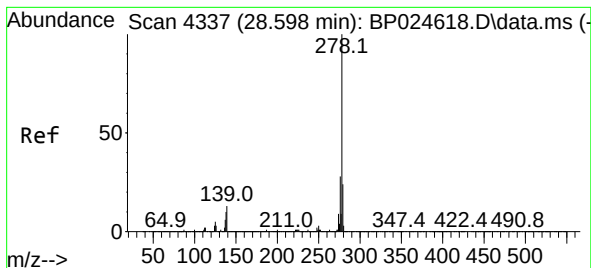
Tgt Ion:252 Resp: 2085330
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 8.1 7.0 10.4



#90
Benzo(a)pyrene
Concen: 42.598 ng
RT: 24.651 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:252 Resp: 1937802
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.0 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 43.192 ng

RT: 28.592 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

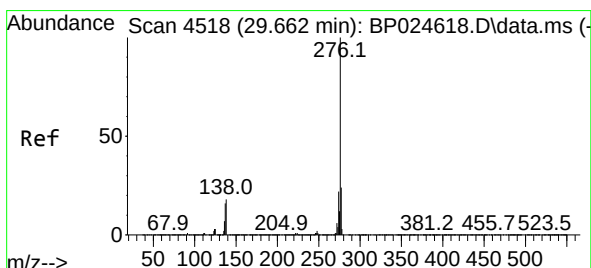
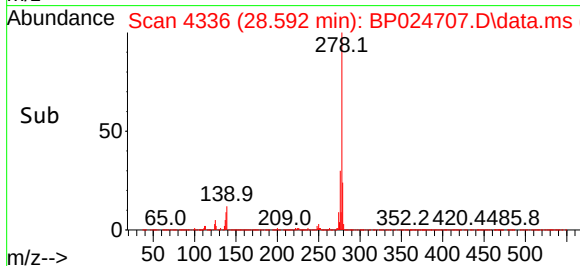
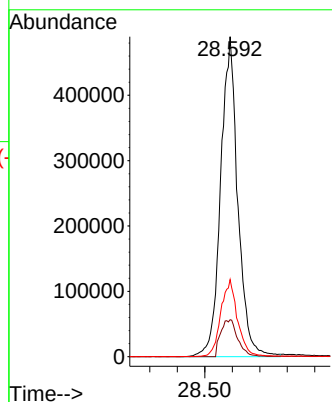
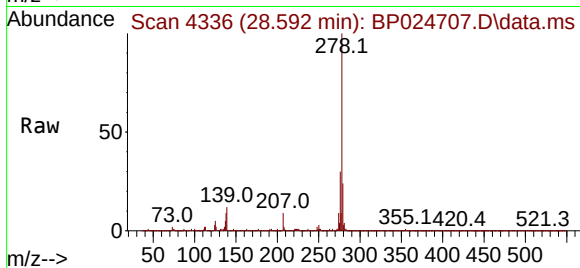
Tgt Ion:278 Resp: 2122778

Ion Ratio Lower Upper

278 100

139 11.5 10.2 15.4

279 24.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.061 ng

RT: 29.668 min Scan# 4519

Delta R.T. 0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion:276 Resp: 2055756

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 16.7 14.4 21.6

